



通訊事務管理局辦公室
OFFICE OF THE
COMMUNICATIONS AUTHORITY

Hong Kong
Table of Frequency Allocations

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Office of the Communications Authority

Preface

This handbook contains the table of frequency allocations in accordance with the Region 3 allocations under the Radio Regulations which are applicable to Hong Kong, the allocations which have been adopted by Hong Kong, as well as the band plans in use in Hong Kong. This publication is intended to provide a handy reference for spectrum management, radiocommunications systems design, and other related areas of applications.

This handbook can be downloaded direct from the Office of the Communications Authority's Internet homepage at <http://www.ofca.gov.hk>. For further information, please contact the Spectrum Planning Section 1 of the Office of the Communications Authority ("OFCA") at the following address:

29/F, Wu Chung House,
213 Queen's Road East,
Wan Chai,
Hong Kong

Telephone No.: +852 2961 6615
Fax No.: +852 2803 5113

How to use this handbook

The information is given in table form.

The "REGION 3 ALLOCATION" column gives the overview of allocations in Region 3 on the basis of the Radio Regulations published by the International Telecommunication Union (ITU) incorporated with revisions in accordance with the Final Acts of all relevant World Radiocommunication Conferences, including WRC-15. For details of the frequency allocations in Region 3, reference should be made to the Article 5 of the Radio Regulations.

Allocations which have been changed by WRC-15 are marked by an asterisk "*". Allocations before and after the revision are given in Annex I.

The Communications Authority recognises the public interest in channel arrangements for fixed services and therefore intends to provide the information as far as possible. Fixed service marked by an "#" indicates that its channel arrangement is available in Annex II.

The table presentation is in line with the Radio Regulations. Where, in a box of the table in the "REGION 3 ALLOCATION" or "HONG KONG ALLOCATION" column, a band is indicated as allocated to more than one service, such services are listed in the following order :

- a. services the names of which are printed in "capitals" (example : FIXED) : these are called "primary" services;
- b. services the name of which are printed in "normal characters" (example: Mobile); these are called "secondary" services.

Additional remarks are printed in normal characters (example : Mobile except aeronautical mobile).

Stations of a secondary service shall not cause harmful interference to stations of primary services and cannot claim protection from harmful interference from stations of primary services.

The "HONG KONG ALLOCATION" column shows the allocations which have been adopted by Hong Kong. The "BAND PLAN AND EXISTING UTILISATION" column is intended to provide more details of existing band plan and utilisation as well as other available technical information. The "REMARKS" column shows the availability and utilisation status.

Supplementary information is given at the bottom of the page.

Hong Kong

Table of Frequency Allocations

Legend of the Remarks

Legend	Description
“A”	All radio emissions in this band are prohibited according to the Radio Regulations of the International Telecommunication Union. OFCA will not assign any frequency channels.
“B”	Frequency channels in this band can be re-used at different geographical locations or share-used by different users at the same geographical location. If vacant channels are available, the figure given in the corresponding “remarks” column indicates the percentage of the number of channels that are vacant. OFCA can assign the “assigned” frequency channels or “vacant” channels to new users.
“C”	Frequency channels in this band are reserved for Government use only. OFCA will not assign any frequency channels for non-Government services.
“D”	No vacant channel in this band is available for broadcasting services with a territory-wide coverage. Frequency channels are assigned to licensed operators only. Subject to technical feasibility study, frequency channels may be made available for improving the coverage of broadcasting services.
“E”	There is no vacant channel in this band. Further assignment of frequency channels cannot be made.
“F”	Some frequency channels in this band have been assigned on a temporary basis. Vacant channels may not be enough to meet the anticipated demand. The figure given in the corresponding “remarks” column indicates the percentage of the number of channels that are vacant.

Legend	Description
“G”	Frequency channels in this band can be re-used at different locations. Further assignments can be made on a case-by-case basis.
“H”	There is one vacant localised channel for broadcasting services in this band. The localised channel is limited to provide coverage at Shek Kong. Frequency channels are only assigned to licensed operators.
“I”	This band is not yet allocated to any services for the time being. Any interested user may raise a request to OFCA.
“J”	Frequency channels in this band are share-used by all users under the exemption orders or class licences.
“K”	All frequency channels in this band are vacant. OFCA can assign the vacant channels to new users.
“L”	The use of this band is shared by broadcasters worldwide. Frequency channels in this band are assigned to licensed broadcasters only, subject to frequency coordination with other jurisdictions according to the procedures in Article 12 of the Radio Regulations of the International Telecommunication Union.

kHz
3 - 90

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
BELOW 8.3 (Not allocated)	3 - 9 TO BE PLANNED	3 - 9 (a) Telecommunications Apparatus [1]	(a) See note "J"
8.3 - 9 METEOROLOGICAL AIDS			
9 - 11.3 METEOROLOGICAL AIDS RADIONAVIGATION	9 - 14 RADIONAVIGATION	9 - 14 (a) Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
11.3 - 14 RADIONAVIGATION			
14 - 19.95 FIXED MARITIME MOBILE	14 - 19.95 MARITIME MOBILE	14 - 19.95 (a) Maritime mobile (b) Telecommunications Apparatus [1]	(a) See note "K" (b) See note "J"
19.95 - 20.05 STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	19.95 - 20.05 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	19.95 - 20.05 (a) Standard Frequency and Time Signal (SFT) (b) Telecommunications Apparatus [1]	(a) See note "K" (b) See note "J"
20.05 - 70 FIXED MARITIME MOBILE	20.05 - 70 MARITIME MOBILE	20.05 - 70 (a) Maritime mobile (b) Telecommunications Apparatus [1]	(a) See note "K" (b) See note "J"
70 - 72 RADIONAVIGATION Fixed Maritime mobile	70 - 90 RADIONAVIGATION	70 - 90 (a) Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
72 - 84 FIXED MARITIME MOBILE RADIONAVIGATION			
84 - 86 RADIONAVIGATION Fixed Maritime mobile			
86 - 90 FIXED MARITIME MOBILE RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus)
(Exemption from Licensing) Order.

kHz
90 - 130

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
90 - 110 RADIONAVIGATION Fixed	90 - 130 RADIONAVIGATION	90 - 130 (a) Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
110 - 112 FIXED MARITIME MOBILE RADIONAVIGATION			
112 - 117.6 RADIONAVIGATION Fixed Maritime mobile			
117.6 - 126 FIXED MARITIME MOBILE RADIONAVIGATION			
126 - 129 RADIONAVIGATION Fixed Maritime mobile			
129 - 130 FIXED MARITIME MOBILE RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz
130 - 285

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
130 - 135.7 FIXED MARITIME MOBILE RADIONAVIGATION	130 - 190 TO BE PLANNED	130 - 190 (a) Telecommunications Apparatus [1]	(a) See note "J"
135.7 - 137.8 FIXED MARITIME MOBILE RADIONAVIGATION Amateur			
137.8 - 160 FIXED MARITIME MOBILE RADIONAVIGATION			
160 - 190 FIXED Aeronautical radionavigation			
190 - 200 AERONAUTICAL RADIONAVIGATION	190 - 285 AERONAUTICAL RADIONAVIGATION	190 - 195 (a) Aeronautical radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
		195 - 285 (a) Aeronautical radionavigation	(a) See note "C"
200 - 285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz
285 - 415

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
285 - 315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)	285 - 325 MARITIME RADIONAVIGATION	285 - 325 (a) Maritime radionavigation	(a) See note "C"
315 - 325 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)			
325 - 405 AERONAUTICAL RADIONAVIGATION Aeronautical mobile	325 - 415 AERONAUTICAL RADIONAVIGATION	325 - 415 (a) Aeronautical radionavigation	(a) See note "C"
405 - 415 RADIONAVIGATION Aeronautical mobile			

kHz
415 - 1606.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
415 - 472 MARITIME MOBILE Aeronautical radionavigation	415 - 526.5 MARITIME MOBILE	415 - 526.5 (a) Maritime mobile	(a) 93% of the frequency channels in the band are vacant.
472 - 479 MARITIME MOBILE Amateur Aeronautical radionavigation			
479 - 495 MARITIME MOBILE Aeronautical radionavigation			
495 - 505 MARITIME MOBILE			
505 - 526.5 MARITIME MOBILE AERONAUTICAL RADIONAVIGATION Aeronautical mobile Land mobile			
526.5 - 535 BROADCASTING Mobile	526.5 - 1606.5 BROADCASTING	526.5 - 1606.5 (a) Broadcasting	(a) See note "H"
535 - 1606.5 BROADCASTING			

kHz
1606.5 - 2000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1606.5 - 1800 FIXED MOBILE RADIOLOCATION RADIONAVIGATION	1606.5 - 1800 LAND MOBILE RADIOLOCATION RADIONAVIGATION	1606.5 - 1800 (a) Radiolocation (b) Telecommunications Apparatus 1627.5 - 1796.5 kHz [1]	(a) See note "B" (b) See note "J"
1800 - 2000 AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation	1800 - 2000 AMATEUR RADIONAVIGATION	1800 - 2000 (a) Amateur (b) Radionavigation	(a) See note "B" (b) See note "C"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz
2000 - 2495

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2000 - 2065 FIXED MOBILE	2000 - 2495 MARITIME MOBILE	2000 - 2495 (a) Maritime mobile	(a) 75% of the frequency channels in the band are vacant.
2065 - 2107 MARITIME MOBILE			
2107 - 2170 FIXED MOBILE			
2170 - 2173.5 MARITIME MOBILE			
2173.5 - 2190.5 MOBILE (distress and calling)			
2190.5 - 2194 MARITIME MOBILE			
2194 - 2300 FIXED MOBILE			
2300 - 2495 FIXED MOBILE BROADCASTING			

kHz
2495 - 2850

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>2495 - 2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)</p>	<p>2495 - 2505 STANDARD FREQUENCY AND TIME SIGNAL (SFT)</p>	<p>2495 - 2505 (a) Standard Frequency and Time Signal (SFT)</p>	<p>(a) See note "K"</p>
<p>2501 - 2502 STANDARD FREQUENCY AND TIME SIGNAL Space research</p>			
<p>2502 - 2505 STANDARD FREQUENCY AND TIME SIGNAL</p>			
<p>2505 - 2850 FIXED MOBILE</p>	<p>2505 - 2850 MARITIME MOBILE</p>	<p>2505 - 2850 (a) Maritime mobile</p>	<p>(a) See note "K"</p>

kHz
2850 - 3400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2850 - 3025 AERONAUTICAL MOBILE (R)	2850 - 3200 AERONAUTICAL MOBILE	2850 - 3200 (a) Aeronautical mobile	(a) See note "B"
3025 - 3155 AERONAUTICAL MOBILE (OR)			
3155 - 3200 FIXED MOBILE except aeronautical mobile (R)			
3200 - 3230 FIXED MOBILE except aeronautical mobile (R) BROADCASTING	3200 - 3400 FIXED	3200 - 3400 (a) Fixed	(a) 67% of the frequency channels in the band are vacant.
3230 - 3400 FIXED MOBILE except aeronautical mobile BROADCASTING			

kHz
3400 - 4000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
3400 - 3500 AERONAUTICAL MOBILE (R)	3400 - 3500 AERONAUTICAL MOBILE	3400 - 3500 (a) Aeronautical mobile	(a) See note "B"
3500 - 3900 AMATEUR FIXED MOBILE	3500 - 3900 AMATEUR MARITIME MOBILE	3500 - 3900 (a) Amateur (b) Maritime mobile	(a) See note "B" (b) 47% of the frequency channels in the band are vacant.
3900 - 3950 AERONAUTICAL MOBILE BROADCASTING	3900 - 3950 AERONAUTICAL MOBILE	3900 - 3950 (a) Aeronautical mobile	(a) See note "B"
3950 - 4000 FIXED BROADCASTING	3950 - 4000 TO BE PLANNED	3950 - 4000	See note "I"

kHz
4000 - 4650

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
4000 - 4063 FIXED MARITIME MOBILE	4000 - 4063 FIXED MARITIME MOBILE	4000 - 4063 (a) Maritime mobile	(a) See note "B"
4063 - 4438 MARITIME MOBILE	4063 - 4438 MARITIME MOBILE	4063 - 4438 (a) Maritime mobile	(a) See note "B"
4438 - 4488 FIXED MOBILE except aeronautical mobile Radiolocation	4438 - 4650 FIXED	4438 - 4650 (a) Fixed	(a) 80% of the frequency channels in the band are vacant.
4488 - 4650 FIXED MOBILE except aeronautical mobile			

kHz
4650 - 5005

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
4650 - 4700 AERONAUTICAL MOBILE (R)	4650 - 4750 AERONAUTICAL MOBILE	4650 - 4750 (a) Aeronautical mobile	(a) See note "B"
4700 - 4750 AERONAUTICAL MOBILE (OR)			
4750 - 4850 FIXED BROADCASTING Land mobile	4750 - 4995 FIXED	4750 - 4995 (a) Fixed	(a) 38% of the frequency channels in the band are vacant.
4850 - 4995 FIXED LAND MOBILE BROADCASTING			
4995 - 5003 STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz)	4995 - 5005 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	4995 - 5005 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
5003 - 5005 STANDARD FREQUENCY AND TIME SIGNAL Space research			

kHz
5005 - 5480

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5005 - 5060 FIXED BROADCASTING	5005 - 5351.5 FIXED	5005 - 5480 (a) Fixed (b) Amateur 5351.5 - 5366.5 kHz	(a) 68% of the frequency channels in the band are vacant. (b) See note "B"
5060 - 5250 FIXED Mobile except aeronautical mobile			
5250 - 5275 FIXED MOBILE except aeronautical mobile Radiolocation			
5275 - 5351.5 FIXED MOBILE except aeronautical mobile			
* 5351.5 - 5366.5 FIXED MOBILE except aeronautical mobile Amateur [1]	5351.5 - 5366.5 FIXED Amateur		
5366.5 - 5450 FIXED MOBILE except aeronautical mobile	5366.5 - 5480 FIXED		
5450 - 5480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE			

[1] Stations in the amateur service using the frequency band 5351.5 - 5366.5 kHz shall not exceed a maximum equivalent isotropically radiated power of 15 W.

kHz
5480 - 6765

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5480 - 5680 AERONAUTICAL MOBILE (R)	5480 - 5730 AERONAUTICAL MOBILE	5480 - 5730 (a) Aeronautical mobile	(a) See note "B"
5680 - 5730 AERONAUTICAL MOBILE (OR)			
5730 - 5900 FIXED Mobile except aeronautical mobile (R)	5730 - 5950 FIXED	5730 - 5950 (a) Fixed	(a) 45% of the frequency channels in the band are vacant.
5900 - 5950 BROADCASTING [1]			
5950 - 6200 BROADCASTING	5950 - 6200 BROADCASTING	5950 - 6200 (a) Broadcasting	(a) See note "L"
6200 - 6525 MARITIME MOBILE	6200 - 6525 MARITIME MOBILE	6200 - 6525 (a) Maritime mobile	(a) See note "B"
6525 - 6685 AERONAUTICAL MOBILE (R)	6525 - 6765 AERONAUTICAL MOBILE	6525 - 6765 (a) Aeronautical mobile	(a) See note "B"
6685 - 6765 AERONAUTICAL MOBILE (OR)			

[1] The band 5900 - 5950 kHz may be used by stations in the fixed service and the mobile except aeronautical mobile (R) service, communicating only within the boundary of the country in which they are located.

kHz
6765 - 7300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
6765 - 7000 FIXED MOBILE except aeronautical mobile (R) [1]	6765 - 6795 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	6765 - 6795 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
	6795 - 7000 FIXED	6795 - 7000 (a) Fixed	(a) 26% of the frequency channels in the band are vacant.
7000 - 7100 AMATEUR AMATEUR-SATELLITE	7000 - 7100 AMATEUR AMATEUR-SATELLITE	7000 - 7100 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
7100 - 7200 AMATEUR	7100 - 7200 AMATEUR	7100 - 7200 (a) Amateur	(a) See note "B"
7200 - 7300 BROADCASTING	7200 - 7300 BROADCASTING	7200 - 7300 (a) Broadcasting	(a) See note "L"

[1] The band 6765 - 6795 kHz is designated for industrial, scientific and medical (ISM) applications.

kHz
7300 - 9995

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7300 - 7450 BROADCASTING [1]	7300 - 8195 FIXED	7300 - 8195 (a) Fixed	(a) 70% of the frequency channels in the band are vacant.
7450 - 8100 FIXED MOBILE except aeronautical mobile (R)			
8100 - 8195 FIXED MARITIME MOBILE			
8195 - 8815 MARITIME MOBILE	8195 - 8815 MARITIME MOBILE	8195 - 8815 (a) Maritime mobile	(a) See note "B"
8815 - 8965 AERONAUTICAL MOBILE (R)	8815 - 9040 AERONAUTICAL MOBILE	8815 - 9040 (a) Aeronautical mobile	(a) See note "B"
8965 - 9040 AERONAUTICAL MOBILE (OR)			
9040 - 9305 FIXED	9040 - 9500 FIXED	9040 - 9500 (a) Fixed	(a) 88% of the frequency channels in the band are vacant.
9305 - 9355 FIXED Radiolocation			
9355 - 9400 FIXED			
9400 - 9500 BROADCASTING [2]			
9500 - 9900 BROADCASTING	9500 - 9900 BROADCASTING	9500 - 9900 (a) Broadcasting	(a) See note "L"
9900 - 9995 FIXED	9900 - 9995 FIXED	9900 - 9995 (a) Fixed	(a) 94% of the frequency vacant.

[1] The band 7300 - 7350 kHz may be used by stations in the fixed service and in the land mobile service, communicating only within the boundary of the country in which they are located.

[2] The band 9400 - 9500 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz
9995 - 11175

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
9995 - 10003 STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz)	9995 - 10005 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	9995 - 10005 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
10003 - 10005 STANDARD FREQUENCY AND TIME SIGNAL Space research			
10005 - 10100 AERONAUTICAL MOBILE (R)	10005 - 10100 AERONAUTICAL MOBILE	10005 - 10100 (a) Aeronautical mobile	(a) See note "B"
10100 - 10150 FIXED Amateur	10100 - 10150 FIXED Amateur	10100 - 10150 (a) Fixed (b) Amateur	(a) 90% of the frequency channels in the band are vacant. (b) See note "B"
10150 - 11175 FIXED Mobile except aeronautical mobile (R)	10150 - 11175 FIXED	10150 - 11175 (a) Fixed	(a) 75% of the frequency channels in the band are vacant.

kHz
11175 - 13200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
11175 - 11275 AERONAUTICAL MOBILE (OR)	11175 - 11400 AERONAUTICAL MOBILE	11175 - 11400 (a) Aeronautical mobile	(a) See note "B"
11275 - 11400 AERONAUTICAL MOBILE (R)			
11400 - 11600 FIXED	11400 - 11650 FIXED	11400 - 11650 (a) Fixed	(a) 98% of the frequency channels in the band are vacant.
11600 - 11650 BROADCASTING [1]			
11650 - 12050 BROADCASTING	11650 - 12050 BROADCASTING	11650 - 12050 (a) Broadcasting	(a) See note "L"
12050 - 12100 BROADCASTING [1]	12050 - 12230 FIXED	12050 - 12230 (a) Fixed	(a) 94% of the frequency channels in the band are vacant.
12100 - 12230 FIXED			
12230 - 13200 MARITIME MOBILE	12230 - 13200 MARITIME MOBILE	12230 - 13200 (a) Maritime mobile	(a) See note "B"

[1] The band 11600 - 11650 kHz and 12050 - 12100 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz
13200 - 14250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
13200 - 13260 AERONAUTICAL MOBILE (OR)	13200 - 13360 AERONAUTICAL MOBILE	13200 - 13360 (a) Aeronautical mobile	(a) See note "B"
13260 - 13360 AERONAUTICAL MOBILE (R)			
13360 - 13410 FIXED RADIO ASTRONOMY	13360 - 13553 FIXED	13360 - 13553 (a) Fixed	(a) 95% of the frequency channels in the band are vacant
13410 - 13450 FIXED Mobile except aeronautical mobile (R)			
13450 - 13550 FIXED Mobile except aeronautical mobile (R) Radiolocation			
13550 - 13570 FIXED Mobile except aeronautical mobile (R) [1]	13553 - 13567 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	13553 - 13567 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [3]	(a) See note "B" (b) See note "J"
13570 - 13600 BROADCASTING [2]	13567 - 13600 FIXED	13567 - 13600 (a) Fixed	(a) 84% of the frequency channels in the band are vacant.
13600 - 13800 BROADCASTING	13600 - 13800 BROADCASTING	13600 - 13800 (a) Broadcasting	(a) See note "L"
13800 - 13870 BROADCASTING [2]	13800 - 14000 FIXED	13800 - 14000 (a) Fixed	(a) 97% of the frequency channels in the band are vacant
13870 - 14000 FIXED Mobile except aeronautical mobile (R)			
14000 - 14250 AMATEUR AMATEUR-SATELLITE	14000 - 14250 AMATEUR AMATEUR-SATELLITE	14000 - 14250 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"

[1] The band 13553 - 13567 kHz (centre frequency 13560 kHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[2] The bands 13570 - 13600 kHz and 13800 - 13870 kHz may be used by stations in the fixed service and in the mobile except aeronautical mobile (R) service, communicating only within the boundary of the country in which they are located.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz
14250 - 17410

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
14250 - 14350 AMATEUR	14250 - 14350 AMATEUR	14250 - 14350 (a) Amateur	(a) See note "B"
14350 - 14990 FIXED Mobile except aeronautical mobile (R)	14350 - 14990 FIXED	14350 - 14990 (a) Fixed	(a) 93% of the frequency channels in the band are vacant.
14990 - 15005 STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz)	14990 - 15010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	14990 - 15010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
15005 - 15010 STANDARD FREQUENCY AND TIME SIGNAL Space research			
15010 - 15100 AERONAUTICAL MOBILE (OR)	15010 - 15100 AERONAUTICAL MOBILE	15010 - 15100 (a) Aeronautical mobile	(a) See note "B"
15100 - 15600 BROADCASTING	15100 - 15600 BROADCASTING	15100 - 15600 (a) Broadcasting	(a) See note "L"
15600 - 15800 BROADCASTING [1]	15600 - 16360 FIXED	15600 - 16360 (a) Fixed	(a) 53% of the frequency channels in the band are vacant.
15800 - 16100 FIXED			
16100 - 16200 FIXED Radiolocation			
16200 - 16360 FIXED			
16360 - 17410 MARITIME MOBILE	16360 - 17410 MARITIME MOBILE	16360 - 17410 (a) Maritime mobile	(a) See note "B"

[1] The band 15600 - 15800 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz
17410 - 18900

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
17410 - 17480 FIXED	17410 - 17550 FIXED	17410 - 17550 (a) Fixed	(a) 96% of the frequency channels in the band are vacant.
17480 - 17550 BROADCASTING [1]			
17550 - 17900 BROADCASTING	17550 - 17900 BROADCASTING	17550 - 17900 (a) Broadcasting	(a) See note "L"
17900 - 17970 AERONAUTICAL MOBILE (R)	17900 - 18030 AERONAUTICAL MOBILE	17900 - 18030 (a) Aeronautical mobile	(a) See note "B"
17970 - 18030 AERONAUTICAL MOBILE (OR)			
18030 - 18052 FIXED	18030 - 18068 FIXED	18030 - 18068 (a) Fixed	(a) 86% of the frequency channels in the band are vacant.
18052 - 18068 FIXED Space research			
18068 - 18168 AMATEUR AMATEUR-SATELLITE	18068 - 18168 AMATEUR AMATEUR-SATELLITE	18068 - 18168 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
18168 - 18780 FIXED Mobile except aeronautical mobile	18168 - 18780 FIXED	18168 - 18780 (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
18780 - 18900 MARITIME MOBILE	18780 - 18900 MARITIME MOBILE	18780 - 18900 (a) Maritime mobile	(a) See note "B"

[1] The band 17480 - 17550 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

kHz
18900 - 21924

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
18900 - 19020 BROADCASTING [1]	18900 - 19680 FIXED	18900 - 19680 (a) Fixed	(a) 98% of the frequency channels in the band are vacant.
19020 - 19680 FIXED			
19680 - 19800 MARITIME MOBILE	19680 - 19800 MARITIME MOBILE	19680 - 19800 (a) Maritime mobile	(a) See note "B"
19800 - 19990 FIXED	19800 - 19990 FIXED	19800 - 19990 (a) Fixed	(a) 97% of the frequency channels in the band are vacant.
19990 - 19995 STANDARD FREQUENCY AND TIME SIGNAL Space research	19990 - 20010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	19990 - 20010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
19995 - 20010 STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)			
20010 - 21000 FIXED Mobile	20010 - 21000 FIXED	20010 - 21000 (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
21000 - 21450 AMATEUR AMATEUR-SATELLITE	21000 - 21450 AMATEUR AMATEUR-SATELLITE	21000 - 21450 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
21450 - 21850 BROADCASTING	21450 - 21850 BROADCASTING	21450 - 21850 (a) Broadcasting	(a) See note "L"
21850 - 21870 FIXED	21850 - 21924 FIXED	21850 - 21924	See note "K"
21870 - 21924 FIXED [2]			

[1] The band 18900 - 19020 kHz may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located.

[2] The band 21870 - 21924 kHz is used by the fixed service for provision of services related to aircraft flight safety.

kHz
21924 - 23350

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
21924 - 22000 AERONAUTICAL MOBILE (R)	21924 - 22000 AERONAUTICAL MOBILE	21924 - 22000 (a) Aeronautical mobile	(a) See note "B"
22000 - 22855 MARITIME MOBILE	22000 - 22855 MARITIME MOBILE	22000 - 22855 (a) Maritime mobile	(a) See note "B"
22855 - 23000 FIXED	22855 - 23200 FIXED	22855 - 23200 (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
23000 - 23200 FIXED Mobile except aeronautical mobile (R)			
23200 - 23350 FIXED AERONAUTICAL MOBILE (OR)	23200 - 23350 TO BE PLANNED	23200 - 23350	See note "I"

kHz
23350 - 25070

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
23350 - 24000 FIXED MOBILE except aeronautical mobile	23350 - 24890 FIXED	23350 - 24890 (a) Fixed	(a) 80% of the frequency channels in the band are vacant.
24000 - 24450 FIXED LAND MOBILE			
24450 - 24600 FIXED LAND MOBILE Radiolocation			
24600 - 24890 FIXED LAND MOBILE			
24890 - 24990 AMATEUR AMATEUR-SATELLITE	24890 - 24990 AMATEUR AMATEUR-SATELLITE	24890 - 24990 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
24990 - 25005 STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	24990 - 25010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	24990 - 25010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
25005 - 25010 STANDARD FREQUENCY AND TIME SIGNAL Space research			
25010 - 25070 FIXED MOBILE except aeronautical mobile	25010 - 25070 FIXED	25010 - 25070	See note "K"

kHz
25070 - 26175

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
25070 - 25210 MARITIME MOBILE	25070 - 25210 MARITIME MOBILE	25070 - 25210 (a) Maritime mobile	(a) See note "B"
25210 - 25550 FIXED MOBILE except aeronautical mobile	25210 - 25550 FIXED	25210 - 25550	See note "K"
25550 - 25670 RADIO ASTRONOMY	25550 - 25670 RADIO ASTRONOMY	25550 - 25670 (a) Radio astronomy	(a) See note "B"
25670 - 26100 BROADCASTING	25670 - 26100 BROADCASTING	25670 - 26100 (a) Broadcasting	(a) See note "L"
26100 - 26175 MARITIME MOBILE	26100 - 26175 MARITIME MOBILE	26100 - 26175 (a) Maritime mobile	(a) See note "B"

kHz
26175 - 29700

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
26175 - 26200 FIXED MOBILE except aeronautical mobile	26175 - 26957 FIXED	26175 - 26957 (a) Fixed	(a) 85% of the frequency channels in the band are vacant.
26200 - 26350 FIXED MOBILE except aeronautical mobile Radiolocation			
26350 - 27500 FIXED MOBILE except aeronautical mobile [1]	26957 - 27283 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) MOBILE except aeronautical mobile	26957 - 27283 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus 26960 - 27280 kHz [2] (c) Citizens Band Radio 26960 - 27283 kHz	(a) See note "B" (b) See note "J" (c) See note "J"
	27283 - 27500 FIXED MOBILE except aeronautical mobile	27283 - 27500 (a) Citizens Band Radio 27283 - 27410 kHz	(a) See note "J"
	27500 - 28000 METEOROLOGICAL AIDS FIXED MOBILE	27500 - 28000 TO BE PLANNED	27500 - 28000
28000 - 29700 AMATEUR AMATEUR-SATELLITE	28000 - 29700 AMATEUR AMATEUR-SATELLITE	28000 - 29700 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"

[1] The band 26957 - 27283 kHz (centre frequency 27120 kHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
29.7- 33

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
29.7 - 30.005 FIXED MOBILE	29.7 - 31.7 FIXED MOBILE	29.7 - 30.005	See note "K"
30.005 - 30.01 SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH		30.005 - 30.01 (a) Satellite Identification	(a) See note "B"
30.01 - 33 FIXED MOBILE		30.01 - 31.7	See note "K"
	31.7 - 33 LAND MOBILE	31.7 - 32.5 (a) Mobile Radio Systems (Low Power) Single-frequency simplex 12.5 kHz channel spacing 5 W erp maximum (b) Demonstration Frequency 32.125 MHz 25 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant. (b) See note "B"
	32.5 - 33 (a) On-Site Paging 25 kHz channel spacing 5 W erp maximum	(a) 45% of the frequency channels in the band are vacant.	

MHz
33 - 37.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
33 - 37.5 FIXED MOBILE	33 - 36.5 FIXED LAND MOBILE	33 - 36.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequencies 33.14 MHz 20 mW erp maximum 36.40 MHz 20 mW erp maximum 50 kHz channel spacing (c) Telecommunications Apparatus 33 - 33.28 MHz, 35.145 - 35.225 MHz, 36.26 - 36.54 MHz, 36.41 - 36.69 MHz [1]	(a) 57% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "J"
	36.5 - 37 LAND MOBILE	36.5 - 37 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequencies 36.55 MHz 20 mW erp maximum 36.70 MHz 20 mW erp maximum 36.85 MHz 20 mW erp maximum (c) Telecommunications Apparatus 36.26 - 36.54 MHz, 36.41 - 36.69 MHz, 36.71 - 36.99 MHz, 36.96 - 37.24 MHz [1]	(a) See note "K" (b) See note "B" (c) See note "J"
	37 - 37.5 FIXED LAND MOBILE	37 - 37.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequency 37.10 MHz 20 mW erp maximum (c) Telecommunications Apparatus 36.96 - 37.24 MHz [1]	(a) See note "K" (b) See note "B" (c) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
37.5 - 45.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
37.5 - 38.25 FIXED MOBILE Radio astronomy	37.5 - 40.66 FIXED LAND MOBILE	37.5 - 40.66 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 89% of the frequency channels in the band are vacant.
38.25 - 39.5 FIXED MOBILE			
39.5 - 39.986 FIXED MOBILE RADIOLOCATION			
39.986 - 40 FIXED MOBILE RADIOLOCATION Space research			
40 - 40.02 FIXED MOBILE Space research			
40.02 - 40.98 FIXED MOBILE [1]	40.66 - 40.7 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	40.66 - 40.7 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [2] (c) Wireless Microphone Frequency 40.68 MHz 20 mW erp maximum	(a) See note "B" (b) See note "J" (c) See note "B"
40.98 - 41.015 FIXED MOBILE Space research	40.7 - 45.5 FIXED LAND MOBILE	40.7 - 45.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequencies 42.89 MHz 20 mW erp maximum 44.87 MHz 20 mW erp maximum (c) Telecommunications Apparatus 42.75 - 43.03 MHz, 43.71 - 44.49 MHz, 44.73 - 45.01 MHz [2] (d) Cordless Helmet Communication Frequency 42.975 MHz	(a) 98% of the frequency channels in the band are vacant. (b) See note "B"
41.015 - 45.5 FIXED MOBILE			(c) See note "J" (d) See note "B"

[1] The band 40.66 - 40.70 MHz (centre frequency 40.68 MHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
45.5 - 50

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
45.5 - 47 FIXED MOBILE	45.5 - 47 LAND MOBILE	45.5 - 47 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Telecommunications Apparatus 46.6 - 46.98 MHz [1]	(a) 70% of the frequency channels in the band are vacant. (b) See note "J"
47 - 50 FIXED MOBILE BROADCASTING	47 - 48 FIXED LAND MOBILE	47 - 48 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequency 47.27 MHz 20 mW erp maximum (c) Telecommunications Apparatus 47.13 - 47.41 MHz 47.43 - 47.56 MHz [1]	(a) 95% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "J"
	48 - 50 LAND MOBILE	48 - 50 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Telecommunications Apparatus 48.75 - 50 MHz [1]	(a) 80% of the frequency channels in the band are vacant. (b) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
50 - 54

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
50 - 54 AMATEUR	50 - 51.5 AMATEUR	50 - 51.5 (a) Amateur	(a) See note "B"
	51.5 - 52.85 AMATEUR FIXED LAND MOBILE	51.5 - 52.85 (a) Government (b) Amateur 52.025 - 52.11 MHz	(a) See note "C" (b) See note "B"
	52.85 - 54 LAND MOBILE	52.85 - 54 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant.

MHz
54 - 70

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>54 - 68 FIXED MOBILE BROADCASTING</p>	<p>54 - 70 LAND MOBILE</p>	<p>54 - 66 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Wireless Microphone Frequency (Audio Aids Common Frequency) 55.5 MHz 20 mW erp maximum (c) Demonstration Frequency 55.6 MHz 25 kHz channel spacing 25 W erp maximum</p>	<p>(a) 92% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "B"</p>
		<p>66 - 67.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum</p>	<p>(a) 57% of the frequency channels in the band are vacant.</p>
		<p>67.5 - 70 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 72.3 - 74.8 MHz 12.5 kHz channel spacing 25 W erp maximum</p>	<p>(a) 55% of the frequency channels in the band are vacant.</p>
<p>68 - 70 FIXED MOBILE</p>			

MHz
70 - 76.7

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
70 - 74.8 FIXED MOBILE	70 - 71.5 FIXED LAND MOBILE	70 - 72.3 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Open Channel Frequencies (MHz), limited to Mobiles/Portables only 70.0500 70.0625 70.0750 70.0875 70.1000 70.1125 70.1250 12.5 kHz channel spacing 25 W erp maximum (c) Telecommunications Apparatus 72 - 72.02 MHz, 72.12 - 72.14 MHz, 72.16 - 72.22 MHz, 72.26 - 72.28 MHz [1]	(a) 33% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "J"
	71.5 - 74.8 LAND MOBILE	72.3 - 74.8 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 67.5 - 70 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Demonstration Frequency 72.4 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 55% of the frequency channels in the band are vacant. (b) See note "B"
74.8 - 75.2 AERONAUTICAL RADIONAVIGATION	74.8 - 75.2 AERONAUTICAL RADIONAVIGATION	74.8 - 75.2 (a) Aeronautical radionavigation	(a) See note "C"
75.2 - 76.7 FIXED MOBILE	75.2 - 76.7 FIXED LAND MOBILE	75.2 - 76.7 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 15% of the frequency channels in the band are vacant.

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
76.7 - 87

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
76.7 - 87 FIXED MOBILE	76.7 - 84 LAND MOBILE	76.7 - 78.7 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 81.2 - 83.2 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 70% of the frequency channels in the band are vacant.
		78.7 - 79.5 (a) Hill Top Repeater Two-frequency simplex (hilltop transmit) paired with 83.2 - 84 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 64% of the frequency channels in the band are vacant.
		79.5 - 80.55 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 89% of the frequency channels in the band are vacant.
		80.55 - 81.2 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 69% of the frequency channels in the band are vacant.
		81.2 - 83.2 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 76.7 - 78.7 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 70% of the frequency channels in the band are vacant.
		83.2 - 84 (a) Hill Top Repeater Two-frequency simplex (hilltop receive) paired with 78.7 - 79.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 64% of the frequency channels in the band are vacant.
	84 - 87 FIXED LAND MOBILE	84 - 87 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 99% of the frequency channels in the band are vacant.

MHz
87 - 108

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
87 - 100 FIXED MOBILE BROADCASTING	87 - 108 BROADCASTING	87 - 108 (a) FM Sound Broadcasting	(a) See note "D"
100 - 108 BROADCASTING			

MHz
108 - 137

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
108 - 117.975 AERONAUTICAL RADIONAVIGATION [1]	108 - 117.975 AERONAUTICAL RADIONAVIGATION	108 - 117.975 (a) Aeronautical radionavigation	(a) See note "C"
117.975 - 137 AERONAUTICAL MOBILE (R)	117.975 - 137 AERONAUTICAL MOBILE	117.975 - 137 (a) Aeronautical mobile (b) Search and Rescue (121.5 MHz)	(a) 93% of the frequency channels in the band are vacant. (b) See note "B"

[1] The band 108 - 117.975 MHz is also allocated to the aeronautical mobile (R) service on a primary basis, limited to systems operating in accordance with recognised international aeronautical standards.

MHz
137 - 138

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>137 - 137.025 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R)</p>	<p>137 - 138 METEOROLOGICAL-SATELLITE (space-to-Earth)</p>	<p>137 - 138 (a) Meteorological-satellite</p>	<p>(a) See note "B"</p>
<p>137.025 - 137.175 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) Mobile except aeronautical mobile (R)</p>			
<p>137.175 - 137.825 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R)</p>			
<p>137.825 - 138 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) Mobile except aeronautical mobile (R)</p>			

MHz
138 - 143

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
138 - 143 FIXED MOBILE Space research (space-to-Earth)	138 - 143 LAND MOBILE	138 - 142 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 150.75 - 154.75 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 150.75 - 154.75 MHz 12.5 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 151.4000 / 138.6500 152.3625 / 139.6125 152.3875 / 139.6375 153.0125 / 140.2625 153.3625 / 140.6125 153.3750 / 140.6250 153.4125 / 140.6625 153.4750 / 140.7250 153.5500 / 140.8000 153.6250 / 140.8750 153.8125 / 141.0625 153.9000 / 141.1500	(a) 42% of the frequency channels in the band are vacant. (b) See note "B"
		142 - 142.8 (a) Government	(a) See note "C"
		142.8 - 143 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 1 W erp maximum (b) Common Channel Frequencies for Portable Systems (MHz) 142.8250 142.8375 142.8500 142.8625 142.8750 142.8875 142.9000 142.9125 142.9250 142.9500 142.9625 142.9750 142.9875 12.5 kHz channel spacing 1 W erp maximum	(a) See note "B" (b) See note "B"

MHz
143 - 144

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
143 - 143.6 FIXED MOBILE Space research (space-to-Earth)	143 - 143.6 LAND MOBILE	143 - 143.6 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 148 - 148.6 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 148 - 148.6 MHz 12.5 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 143.0625 / 148.0625 143.1000 / 148.1000	(a) 64% of the frequency channels in the band are vacant. (b) See note "B"
143.6 - 143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth)	143.6 - 144 LAND MOBILE Space research (space-to-Earth)	143.6 - 143.65 (a) Space research (space-to-Earth)	(a) See note "B"
143.65 - 144 FIXED MOBILE Space research (space-to-Earth)		143.65 - 144 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 1 W erp maximum (b) Common Channel Frequencies for Portable Systems (MHz) 143.8375 143.8750 143.9125 143.9250 143.9375 143.9625 143.9875 12.5 kHz channel spacing 1 W erp maximum	(a) 19% of the frequency channels in the band are vacant. (b) See note "B"

MHz
144 - 149.9

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
144 - 146 AMATEUR AMATEUR-SATELLITE	144 - 146 AMATEUR AMATEUR-SATELLITE	144 - 146 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
146 - 148 AMATEUR FIXED MOBILE	146 - 149.9 LAND MOBILE	146 - 148 (a) Government	(a) See note "C"
148 - 149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) [1]		148 - 148.6 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 143 - 143.6 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 143 - 143.6 MHz 12.5 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 143.0625 / 148.0625 143.1000 / 148.1000	(a) 64% of the frequency channels in the band are vacant. (b) See note "B"
		148.6 - 148.65	See note "K"
		148.65 - 149.9 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 154.75 - 156 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Open Channel Frequencies (MHz), limited to Mobiles/Portables only 149.3375 149.3500 149.3625 149.3750 149.3875 149.4000 149.4125 149.4250 149.4375 149.4500 149.4625 149.4750 149.4875 149.5375 149.5500 12.5 kHz channel spacing 25 W erp maximum (c) Common Channel Frequencies for Portable Systems (MHz) 149.0250 149.0375 149.0500 149.2750 149.3000 149.3125 149.3250 149.5000 149.5250 149.7625 149.7750 149.7875 12.5 kHz channel spacing 1 W erp maximum	(a) 50% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "B"

[1] The band 148 - 149.9 MHz is also allocated to the space operation (Earth-to-space) service on a primary basis.

MHz
149.9 - 158

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
* 149.9 - 150.05 MOBILE-SATELLITE (Earth-to-space)	149.9 - 150.05 TO BE PLANNED	149.9 - 150.05	See note "I"
150.05 - 156.4875 FIXED MOBILE	150.05 - 156 LAND MOBILE	150.05 - 150.75 (a) Government	(a) See note "C"
		150.75 - 154.75 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 138 - 142 MHz 12.5 kHz channel spacing, 25 W erp maximum (b) Mobile Radio Systems On-site repeater systems paired with 138 - 142 MHz 12.5 kHz channel spacing , 1W erp maximum Frequencies :- Base transmit / Base receive (MHz) 151.4000 / 138.6500 152.3625 / 139.6125 152.3875 / 139.6375 153.0125 / 140.2625 153.3625 / 140.6125 153.3750 / 140.6250 153.4125 / 140.6625 153.4750 / 140.7250 153.5500 / 140.8000 153.6250 / 140.8750 153.8125 / 141.0625 153.9000 / 141.1500	(a) 42% of the frequency channels in the band are vacant. (b) See note "B"
		154.75 - 156 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 148.65 - 149.9 MHz 12.5 kHz channel spacing, 25 W erp maximum (b) Demonstration frequency (155.9 MHz) 12.5 kHz channel spacing, 25 W erp maximum	(a) 50% of the frequency channels in the band are vacant. (b) See note "B"
156.4875 - 156.5625 MARITIME MOBILE (distress and calling via DSC)	156 - 158 MARITIME MOBILE	156 - 157.45 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
156.5625 - 156.7625 FIXED MOBILE			
156.7625 - 156.7875 MARITIME MOBILE Mobile-satellite (Earth-to-space)			
156.7875 - 156.8125 MARITIME MOBILE (distress and calling)			
156.8125 - 156.8375 MARITIME MOBILE Mobile-satellite (Earth-to-space)			
156.8375 - 158 FIXED MOBILE		157.45 - 158 (a) Maritime mobile (private channels) 25 kHz channel spacing 25 W erp maximum	(a) 40% of the frequency channels in the band are vacant.

MHz
158 - 161.475

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
158 - 161.475 FIXED MOBILE	158 - 160.6 LAND MOBILE MARITIME MOBILE	158 - 158.825 (a) Mobile Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Maritime mobile (private channels) 25 kHz channel spacing 25 W erp maximum	(a)&(b) 65% of the frequency channels in the band are vacant.
		158.825 - 159.3875	See note "K"
		159.3875 - 160.6 (a) Mobile Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 59% of the frequency channels in the band are vacant.
	160.6 - 161.475 MARITIME MOBILE	160.6 - 160.975 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
		160.975 - 161.475	See note "K"

MHz
161.475 - 163

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
161.475 - 161.9375 FIXED MOBILE	161.475 - 161.9375 MARITIME MOBILE	161.475 - 162.05 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum (b) Maritime mobile-satellite 161.9375 - 161.9625 MHz 161.9875 - 162.0125 MHz	(a)&(b) See note "B"
* 161.9375 - 161.9625 FIXED MOBILE Maritime mobile-satellite (Earth-to-space) [1]	161.9375 - 161.9625 MARITIME MOBILE Maritime mobile-satellite (Earth-to-space)		
161.9625 - 161.9875 MARITIME MOBILE Aeronautical mobile (OR) Mobile-satellite (Earth-to-space)	161.9625 - 161.9875 MARITIME MOBILE		
* 161.9875 - 162.0125 FIXED MOBILE Maritime mobile-satellite (Earth-to-space) [1]	161.9875 - 162.0125 MARITIME MOBILE Maritime mobile-satellite (Earth-to-space)		
162.0125 - 162.0375 MARITIME MOBILE Aeronautical mobile (OR) Mobile-satellite (Earth-to-space)	162.0125 - 163 MARITIME MOBILE		
162.0375 - 163 FIXED MOBILE			
		162.05 - 163 (a) Mobile Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 92% of the frequency channels in the band are vacant.

[1] Use of the frequency bands 161.9375 - 161.9625 MHz and 161.9875 - 162.0125 MHz by the maritime mobile-satellite (Earth-to-space) service is limited to systems which operate in accordance with Appendix 18 of the Radio Regulations.

MHz
163 - 174

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
163 - 174 FIXED MOBILE	163 - 174 LAND MOBILE	163 - 165 (a) Government	(a) See note "C"
		165 - 167.5 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 169.5 - 172 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 74% of the frequency channels in the band are vacant.
		167.5 - 168.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 47% of the frequency channels in the band are vacant.
		168.5 - 169.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 76% of the frequency channels in the band are vacant.
		169.5 - 172 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 165 - 167.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 74% of the frequency channels in the band are vacant.
		172 - 173 (a) Public Paging 25 kHz channel spacing 25 W erp maximum	(a) 67% of the frequency channels in the band are vacant.
		173 - 174 (a) Government	(a) See note "C"

MHz
174 - 184

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
174 - 184 FIXED MOBILE BROADCASTING	174 - 184 FIXED LAND MOBILE	174 - 175 (a) Wireless Microphones 75 kHz channel spacing 20 mW erp maximum (b) Telecommunications Apparatus 173.96 - 174.24 MHz [1]	(a) See note "B" (b) See note "J"
		175 - 175.5 (a) Common Channel Frequencies for Portable Systems (MHz) 175.3750 175.3875 175.4000 175.4125 175.4250 175.4375 175.4500 175.4625 175.4750 175.4875 12.5 kHz channel spacing 1 W erp maximum	(a) See note "B"
		175.5 - 176.5 (a) Fixed Paired with 180.5 - 181.5 MHz 25 kHz channel spacing	(a) See note "G"
		176.5 - 182.5 (a) Community Repeater Two-frequency simplex (repeater transmit) paired with 191.5 - 197.5 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Fixed 180.5 - 181.5 MHz paired with 175.5 - 176.5 MHz 25 kHz channel spacing (c) Demonstration Frequency 179.7875 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 84% of the frequency channels in the band are vacant. (b) See note "G" (c) See note "B"
		182.5 - 184	See note "K"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
184 - 235

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
184 - 223 FIXED MOBILE BROADCASTING	184 - 197.5 FIXED LAND MOBILE	184 - 191.5 (a) Low Power Telemetry Systems (b) Studio Wireless Intercommunication Service 184 - 185.4 MHz (c) Telecommunications Apparatus 187.5 - 188 MHz [1]	(a) See note "B" (b) See note "B" (c) See note "J"
		191.5 - 197.5 (a) Community Repeater Two-frequency simplex (repeater receive) paired with 176.5 - 182.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 84% of the frequency channels in the band are vacant.
	197.5 - 215 TO BE PLANNED	197.5 - 215	See note "I"
	215 - 216 FIXED MOBILE	215 - 216 (a) Studio and Outside Broadcast (OB) Links	(a) 77% of the frequency channels in the band are vacant.
	216 - 223 BROADCASTING FIXED MOBILE	216 - 223	See note "K"
223 - 230 FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation	223 - 235 FIXED MOBILE	223 - 235 (a) Mobile Radio Systems Two-frequency simplex 226.5 - 227.4875 MHz paired with 233.5 - 234.4875 MHz 12.5 kHz channel spacing 25 W erp maximum Single-frequency simplex 228 - 229.7375 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 82% of the frequency channels in the band are vacant.
230 - 235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
235 - 335.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
235 - 267 FIXED MOBILE	235 - 322 FIXED MOBILE	235 - 239	See note "K"
267 - 272 FIXED MOBILE Space operation (space-to-Earth) [1]		239 - 279 (a) Government (b) Search and Rescue (243 MHz) (c) Telecommunications Apparatus 253.85 - 255 MHz paired with 380.2 - 381.325 MHz, 266.75 - 267.25 MHz [2]	(a) See note "C" (b) See note "B" (c) See note "J"
272 - 273 SPACE OPERATION (space-to-Earth) FIXED MOBILE		279 - 281 (a) Public Paging 25 kHz channel spacing 100 W erp maximum	(a) 40% of the frequency channels in the band are vacant.
273 - 312 FIXED MOBILE		281 - 311.3 (a) Government	(a) See note "C"
312 - 315 FIXED MOBILE Mobile-satellite (Earth-to-space)		311.3 - 322 (a) Telecommunications Apparatus 313.75 - 314.25 MHz and 314.75 - 315.25 MHz [2]	(a) See note "J"
315 - 322 FIXED MOBILE			
322 - 328.6 FIXED MOBILE RADIO ASTRONOMY	322 - 328.6 TO BE PLANNED	322 - 328.6	See note "I"
328.6 - 335.4 AERONAUTICAL RADIONAVIGATION	328.6 - 335.4 AERONAUTICAL RADIONAVIGATION	328.6 - 335.4 (a) Aeronautical radionavigation	(a) See note "C"

[1] The band 267 - 272 MHz may be used for space telemetry on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
335.4 - 402

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
335.4 - 387 FIXED MOBILE	335.4 - 399.9 FIXED MOBILE	335.4 - 399.9 (a) Government 335.4 - 361 MHz, 366 - 381.325 MHz, 382.65 - 399.9 MHz (b) Mobile Radio Systems 361 - 366 MHz Single-frequency simplex 25 kHz channel spacing (c) Mobile Radio Systems 381.325 - 382.65 MHz Single-frequency simplex 25 kHz channel spacing (d) Telecommunications Apparatus 253.85 - 255 MHz paired with 380.2 - 381.325 MHz [1]	(a) See note "C" (b) 95% of the frequency channels in the band are vacant. (c) 50% of the frequency channels in the band are vacant. (d) See note "J"
387 - 390 FIXED MOBILE Mobile-satellite (space-to-Earth)			
390 - 399.9 FIXED MOBILE			
* 399.9 - 400.05 MOBILE-SATELLITE (Earth-to-space)	399.9 - 400.05 TO BE PLANNED	399.9 - 400.05	See note "I"
400.05 - 400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz)	400.05 - 400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE	400.05 - 400.15 (a) Standard frequency and time signal-satellite	(a) See note "K"
400.15 - 401 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Space operation (space-to-Earth)	400.15 - 401 METEOROLOGICAL AIDS	400.15 - 402 (a) Meteorological aids (Radiosonde)	(a) See note "B"
401 - 402 METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
402 - 430

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
402 - 403 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	402 - 403 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Mobile except aeronautical mobile	402 - 406 (a) Meteorological aids (Radiosonde) (b) Medical Implant Communication System 402 - 405 MHz	(a) See note "C" (b) See note "J"
403 - 406 METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	403 - 405 METEOROLOGICAL AIDS Mobile except aeronautical mobile		
	405 - 406 METEOROLOGICAL AIDS		
406 - 406.1 MOBILE-SATELLITE (Earth-to-space)	406 - 406.1 MOBILE-SATELLITE (Earth-to-space)	406 - 406.1 (a) Emergency Position Indicating Radio Beacons (EPIRB)	(a) See note "B"
406.1 - 410 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	406.1 - 430 FIXED LAND MOBILE	406.1 - 430 (a) Government (b) Telecommunications Apparatus 409.74 - 410 MHz [1]	(a) See note "C" (b) See note "J"
410 - 420 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space)			
420 - 430 FIXED MOBILE except aeronautical mobile Radiolocation			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
430 - 458.85

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
430 - 432 RADIOLOCATION Amateur	430 - 440 RADIOLOCATION Amateur	430 - 440 (a) Amateur 430 - 431 MHz, 435 - 440 MHz (b) Amateur-satellite 435 - 438 MHz (c) Short Range Device 433 - 434.79 MHz	(a) See note "B" (b) See note "B" (c) See note "J"
432 - 438 RADIOLOCATION Amateur Earth exploration-satellite (active) [1]			
438 - 440 RADIOLOCATION Amateur			
440 - 450 FIXED MOBILE except aeronautical mobile Radiolocation	440 - 458.85 LAND MOBILE	440 - 450 (a) Mobile Radio Systems Two-frequency simplex 447 - 450 MHz (base transmit) paired with 440 - 443 MHz 12.5 kHz/25 kHz channel spacing Single-frequency simplex 443 - 447 MHz 12.5 kHz/25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems 440 - 442 MHz paired with 448 - 450 MHz 12.5 kHz/25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 440.0250 / 448.1250 440.0500 / 448.1500 440.1250 / 448.2250 440.2500 / 448.3500 440.4750 / 448.6750 448.1500 / 440.0500 448.3500 / 440.2500 448.7750 / 440.6750 449.1250 / 441.1250	(a) 60% of the frequency channels in the band are vacant. (b) See note "B"
450 - 458.85 FIXED MOBILE [2]			

[1] Amateur-satellite service may operate in 435 - 438 MHz subject to not causing harmful interference to other services operating in accordance with this Table.

[2] Use of the frequency bands 457.5125 - 457.5875 MHz and 467.5125 - 467.5875 MHz by the maritime mobile service is limited to on-board communication stations. The characteristics of the equipment and the channelling arrangement shall be in accordance with Recommendation ITU-R M.1174-3.

MHz
458.85 - 460

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
458.85 - 460 FIXED MOBILE	458.85 - 460 LAND MOBILE	458.85 - 459 (a) On-site Paging Frequencies (MHz) :- 458.850 458.875 458.900 458.925 458.950 458.975 25 kHz channel spacing 2 W erp maximum	(a) See note "G"
		459 - 459.5 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 464 - 464.5 MHz 25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems paired with 464 - 464.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 459.3250 / 464.3250 459.4000 / 464.4000 459.4250 / 464.4250 459.4750 / 464.4750	(a) 30% of the frequency channels in the band are vacant. (b) See note "B"
		459.5 - 460 (a) Government	(a) See note "C"

MHz
460 - 465

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>460 - 465 FIXED MOBILE Meteorological-satellite (space-to-Earth)</p>	<p>460 - 465 LAND MOBILE</p>	<p>460 - 464 (a) Mobile Radio Systems Single-frequency simplex 25 kHz channel spacing (b) Common Channel Frequencies for Portable Systems (MHz) 460.625 460.850 462.850 462.925 463.100 463.375 463.400 25 kHz channel spacing 1 W erp maximum</p>	<p>(a) 39% of the frequency channels in the band are vacant. (b) See note "B"</p>
		<p>464 - 465 (a) Mobile Radio Systems Two-frequency simplex 464 - 464.5 MHz (base receive) paired with 459 - 459.5 MHz 25 kHz channel spacing Single-frequency simplex 25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems 464 - 464.5 MHz paired with 459 - 459.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 459.3250 / 464.3250 459.4000 / 464.4000 459.4250 / 464.4250 459.4750 / 464.4750</p>	<p>(a) 30% of the frequency channels in the band are vacant. (b) See note "B"</p>

MHz
465 - 470

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
465 - 470 FIXED MOBILE Meteorological-satellite (space-to-Earth) [1]	465 - 470 LAND MOBILE	465 - 465.5 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 469.5 - 470 MHz 25 kHz channel spacing (b) Mobile Radio Systems On-site repeater systems paired with 469 - 469.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 469.1250 / 465.1250 469.1750 / 465.1750 469.2000 / 465.2000 469.3750 / 465.3750 (c) Demonstration Frequency (465.5 MHz) 25 kHz channel spacing 25 W erp maximum	(a) 5% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "B"
		465.5 - 469.5 (a) Mobile Radio Systems 25 kHz channel spacing [1] (b) Mobile Radio Systems On-site repeater systems 469 - 469.5 MHz paired with 465 - 465.5 MHz 25 kHz channel spacing 1 W erp maximum Frequencies :- Base transmit / Base receive (MHz) 469.1250 / 465.1250 469.1750 / 465.1750 469.2000 / 465.2000 469.3750 / 465.3750	(a) 35% of the frequency channels in the band are vacant. (b) See note "B"
		469.5 - 470 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 465 - 465.5 MHz 25 kHz channel spacing	(a) 5% of the frequency channels in the band are vacant.

[1] Use of the frequency bands 457.5125 - 457.5875 MHz and 467.5125 - 467.5875 MHz by the maritime mobile service is limited to on-board communication stations. The characteristics of the equipment and the channelling arrangement shall be in accordance with Recommendation ITU-R M.1174-3.

MHz
806 - 837.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
806 - 837.5 FIXED MOBILE BROADCASTING [1]	806 - 837.5 LAND MOBILE	806 - 818 (a) Conventional or Trunked Mobile Radio System & Mobile Data Systems 806 - 818 MHz (repeater receive) paired with 851 - 863 MHz 25 kHz channel spacing 100 W erp maximum	(a) 27% of the frequency channels in the band are vacant.
		818 - 819.1 (a) Cross-Border Trunked Radio Systems 818 - 819.1 MHz (repeater receive) paired with 863 - 864.1 MHz 25 kHz channel spacing 100 W erp maximum	(a) 54% of the frequency channels in the band are vacant.
		819.1 - 825 (a) Telecommunications Apparatus 819.1 - 823.1 MHz [2] (b) Two-Way Paging 823.7 - 824 MHz (base receive) paired with 868.7 - 869 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) See note "J" (b) 33% of the frequency channels in the band are vacant.
		825 - 832.5 (a) Public Mobile Telecommunications Services 825 - 832.5 MHz (base receive) paired with 870 - 877.5 MHz (CDMA2000)	(a) See note "E"
		832.5 - 837.5 (a) Public Mobile Telecommunications Services 832.5 - 837.5 MHz (base receive) paired with 877.5 - 882.5 MHz	(a) See note "E"

[1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
837.5 - 870

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
837.5 - 870 FIXED MOBILE BROADCASTING [1]	837.5 - 870 LAND MOBILE	837.5 - 851	See note "K"
		851 - 863 (a) Conventional or Trunked Mobile Radio Systems & Mobile Data Systems 851 - 863 MHz (repeater transmit) paired with 806 - 818 MHz 25 kHz channel spacing 100 W erp maximum	(a) 27% of the frequency channels in the band are vacant.
		863 - 864.1 (a) Cross-Border Trunked Radio System 863 - 864.1 MHz (repeater transmit) paired with 818 - 819.1 MHz 25 kHz channel spacing 100 W erp maximum	(a) 54% of the frequency channels in the band are vacant.
		864.1 - 868.1 (a) Telecommunications Apparatus 864.1 - 868.1 MHz 865 - 868 MHz [2]	(a) See note "J"
		868.1 - 870 (a) Two-Way Paging 868.7 - 869 MHz (base transmit) paired with 823.7 - 824 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 33% of the frequency channels in the band are vacant.

[1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
870 - 925

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
870 - 890 FIXED MOBILE BROADCASTING [1]	870 - 925 LAND MOBILE	870 - 877.5 (a) Public Mobile Telecommunications Services 870 - 877.5 MHz (base transmit) paired with 825 - 832.5 MHz (CDMA2000)	(a) See note "E"
		877.5 - 885 (a) Public Mobile Telecommunications Services 877.5 - 882.5 MHz (base transmit) paired with 832.5 - 837.5 MHz (b) Government 882.5 - 885 MHz	(a) See note "E" (b) See note "C"
		885 - 890 (a) Public Mobile Telecommunications Services 885 - 890 MHz (base receive) paired with 930-935 MHz	(a) See note "E"
890 - 925 FIXED MOBILE BROADCASTING Radiolocation		890 - 915 (a) Public Mobile Telecommunications Services 890 - 915 MHz (base receive) paired with 935 - 960 MHz	(a) See note "E"
		915 - 925 (a) Mobile 915 - 919.5 MHz (b) Telecommunications Apparatus 919.5 - 920 MHz 920 - 925 MHz [2]	(a) 50% of the frequency channels in the band are vacant. (b) See note "J"

[1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
925 - 960

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
925 - 942 FIXED MOBILE BROADCASTING Radiolocation	925 - 960 LAND MOBILE	925 - 930 (a) Government 927.5 - 930 MHz	(a) See note "C"
		930 - 935 (a) Public Mobile Telecommunications Services 930 - 935 MHz (base transmit) paired with 885 - 890 MHz	(a) See note "E"
		935 - 960 (a) Public Mobile Telecommunications Services 935 - 960 MHz (base transmit) paired with 890 - 915 MHz	(a) See note "E"
942 - 960 FIXED MOBILE BROADCASTING [1]			

[1] The band 942 - 960 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis.

MHz
960 - 1260

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>* 960 - 1164 AERONAUTICAL MOBILE (R) [1] AERONAUTICAL RADIONAVIGATION [2]</p>	<p>960 - 1087.7 AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION</p>	<p>960 - 1164 (a) Aeronautical radionavigation (b) Aeronautical mobile (c) Aeronautical mobile-satellite 1087.7 - 1092.3 MHz</p>	<p>(a) See note "C" (b)&(c) See note "B"</p>
	<p>1087.7 - 1092.3 AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION AERONAUTICAL MOBILE-SATELLITE (Earth-to-space)</p>		
	<p>1092.3 - 1164 AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION</p>		
<p>1164 - 1215 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) [3]</p>	<p>1164 - 1215 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)</p>	<p>1164 - 1215 (a) Aeronautical radionavigation</p>	<p>(a) See note "C"</p>
<p>1215 - 1240 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active)</p>	<p>1215 - 1260 RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth)</p>	<p>1215 - 1260 (a) Radiolocation</p>	<p>(a) See note "B"</p>
<p>1240 - 1260 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur</p>			

[1] The use of the frequency band 960 - 1164 MHz by the aeronautical mobile (R) service is limited to systems that operate in accordance with recognised international aeronautical standards. Such use shall be in accordance with Resolution 417 (Rev.WRC-15) of the Radio Regulations.

[3] Stations in the radionavigation-satellite service in the band 1164 - 1215 MHz shall operate in accordance with the provisions of Resolution 609 (Rev.WRC-07) of the Radio Regulations and shall not claim protection from stations in the aeronautical radionavigation service in the band 960 - 1215 MHz.

[2] The frequency band 1087.7 - 1092.3 MHz is also allocated to the aeronautical mobile-satellite (R) (Earth-to-space) service on a primary basis, limited to the space station reception of Automatic Dependent Surveillance-Broadcast (ADS-B) emissions from aircraft transmitters that operate in accordance with recognised international aeronautical standards. Stations operating in the aeronautical mobile-satellite (R) service shall not claim protection from stations operating in the aeronautical radionavigation service. Resolution 425 (WRC-15) of the Radio Regulations shall apply.

MHz
1260 - 1400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1260 - 1300 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur [1]	1260 - 1300 RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth)	1260 - 1300 (a) Radiolocation	(a) See note "B"
1300 - 1350 AERONAUTICAL RADIONAVIGATION RADIOLOCATION RADIONAVIGATION-SATELLITE (Earth-to-space)	1300 - 1350 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	1300 - 1350 (a) Aeronautical radionavigation	(a) See note "C"
1350 - 1400 RADIOLOCATION	1350 - 1400 RADIOLOCATION	1350 - 1400 (a) Radiolocation	(a) See note "B"

[1] Amateur-satellite service may operate in the band 1260 - 1270 MHz subject to not causing harmful interference to other services operating in accordance with this Table. The use of the band 1260 - 1270 MHz by the amateur-satellite service is limited to Earth-to-space direction.

MHz
1400 - 1525

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1400 - 1427 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	1400 - 1427 ALL EMISSIONS PROHIBITED	1400 - 1427 (a) All emissions prohibited	(a) See note "A"
1427 - 1429 SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile	1427 - 1429 TO BE PLANNED	1427 - 1429	See note "I"
1429 - 1452 FIXED MOBILE	1429 - 1466 FIXED	1429 - 1525 (a) Fixed 1429 - 1466 MHz 1480 - 1518 MHz (b) Broadcasting and Mobile 1466 - 1480 MHz (c) Telecommunications Apparatus 1518 - 1525 MHz [3]	(a) 39% of the frequency channels in the band are vacant. (b) See note "K" (c) See note "J"
1452 - 1492 FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE	1466 - 1480 BROADCASTING MOBILE		
1492 - 1518 FIXED MOBILE	1480 - 1518 FIXED		
1518 - 1525 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) [2]	1518 - 1525 FIXED MOBILE-SATELLITE (space-to-Earth)		

[1] All emissions in the band 1400 - 1427 MHz are prohibited.

[2] The use of the band 1518 - 1525 MHz by the mobile-satellite service is subject to coordination under No. 9.11A of the Radio Regulations. In the band 1518 - 1525 MHz, stations in the mobile-satellite service shall not claim protection from stations in the fixed service.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1525 - 1535

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1525 - 1530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile	1525 - 1530 FIXED MOBILE-SATELLITE (space-to-Earth)	1525 - 1530 (a) Fixed (b) Telecommunications Apparatus 1525 - 1530 MHz [2]	(a) 28% of the frequency channels in the band are vacant. (b) See note "J"
1530 - 1535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) [1] Earth exploration-satellite Fixed Mobile	1530 - 1535 MOBILE-SATELLITE (space-to-Earth)	1530 - 1535 (a) Telecommunications Apparatus 1530 - 1535 MHz [2]	(a) See note "J"

[1] Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, distress, urgency and safety communications of the Global Maritime Distress and Safety System (GMDSS).

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1535 - 1613.8

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1535 - 1559 MOBILE-SATELLITE (space-to-Earth) [1]	1535 - 1559 MOBILE-SATELLITE (space-to-Earth)	1535 - 1559 (a) Telecommunications Apparatus 1535 - 1559 MHz [3]	(a) See note "J"
1559 - 1610 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	1559 - 1610 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)	1559 - 1610 (a) Radionavigation-satellite	(a) See note "B"
1610 - 1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) [2]	1610 - 1613.8 MOBILE-SATELLITE (Earth-to-space)	1610 - 1613.8 (a) Telecommunications Apparatus 1610 - 1613.8 MHz [3]	(a) See note "J"
1610.6 - 1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) [2]			

[1] Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, distress, urgency and safety communications of the Global Maritime Distress and Safety System (GMDSS).

[2] The band 1610 - 1626.5 MHz is also allocated to the aeronautical mobile-satellite (R) service on a primary basis.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1613.8 - 1668

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1613.8 - 1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space) [1]	1613.8 - 1626.5 MOBILE-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth)	1613.8 - 1626.5 (a) Telecommunications Apparatus 1613.8 - 1626.5 MHz [3]	(a) See note "J"
1626.5 - 1660 MOBILE-SATELLITE (Earth-to-space) [2]	1626.5 - 1660.5 MOBILE-SATELLITE (Earth-to-space)	1626.5 - 1660.5 (a) Telecommunications Apparatus 1626.5 - 1660.5 MHz [3]	(a) See note "J"
1660 - 1660.5 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY			
1660.5 - 1668 RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	1660.5 - 1668 RADIO ASTRONOMY	1660.5 - 1668 (a) Radio astronomy	(a) See note "B"

[1] The band 1610 - 1626.5 MHz is also allocated to the aeronautical mobile-satellite (R) service on a primary basis.

[2] Use of the band 1645.5-1646.5 MHz by the mobile-satellite service is limited to distress and safety communications.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1668 - 1700

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1668 - 1668.4 MOBILE-SATELLITE (Earth-to-space) [1] RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	1668 - 1668.4 RADIO ASTRONOMY MOBILE-SATELLITE (Earth-to-space)	1668 - 1668.4 (a) Radio astronomy (b) Telecommunications Apparatus 1668 - 1668.4 MHz [2]	(a) See note "B" (b) See note "J"
1668.4 - 1670 METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) [1] RADIO ASTRONOMY	1668.4 - 1670 MOBILE-SATELLITE (Earth-to-space)	1668.4 - 1675 (a) Telecommunications Apparatus 1668.4 - 1675 MHz [2]	(a) See note "J"
1670 - 1675 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space) [1]	1670 - 1675 MOBILE-SATELLITE (Earth-to-space)		
1675 - 1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	1675 - 1700 METEOROLOGICAL-SATELLITE (space-to-Earth)	1675 - 1700 (a) Meteorological-satellite	(a) See note "B"
1690 - 1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth)			

[1] The use of the band 1668 -1675 MHz by the mobile-satellite service is subject to coordination under No. 9.11A of the Rado Regulations.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1700 - 2110

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1700 - 1710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	1700 - 1710 METEOROLOGICAL-SATELLITE (space-to-Earth)	1700 - 1710 (a) Meteorological-satellite	(a) See note "B"
1710 - 1885 FIXED MOBILE [1]	1710 - 1980 FIXED MOBILE	1710 - 2110 (a) Public Mobile Telecommunications Services 1710 - 1785 MHz (base receive) paired with 1805 - 1880 MHz (b) Government 1785 - 1805 MHz (c) Telecommunications Apparatus 1880 - 1900 MHz, 1980 - 2010 MHz [3] (d) Public Mobile Telecommunications Services 1920.3 - 1979.7 MHz (base receive) paired with 2110.3 - 2169.7 MHz (e) Electronic News Gathering (ENG)/Outside Broadcast (OB) Links 2055 - 2095 MHz	(a) See note "E"
1885 - 1980 FIXED MOBILE [2]			(b) See note "C"
1980 - 2010 FIXED MOBILE [2] MOBILE-SATELLITE (Earth-to-space)	1980 - 2010 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)		(c) See note "J"
2010 - 2025 FIXED MOBILE [2]	2010 - 2110 FIXED MOBILE		(d) See note "E"
2025 - 2110 SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE SPACE RESEARCH (Earth-to-space) (space-to-space)		(e) See note "F" 25% of the frequency channels are vacant.	

[1] ITU identified the band 1710 -1885 MHz, or portion of the band, for use by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] The band 1885 - 2025 MHz is intended for use, on a worldwide basis, by administrations wishing to implement International Mobile Telecommunications (IMT).

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
2110 - 2300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2110 - 2120 FIXED MOBILE [1] SPACE RESEARCH (deep space) (Earth-to-space)	2110 - 2170 FIXED MOBILE	2110 - 2170 (a) Public Mobile Telecommunications Services 2110.3 - 2169.7 MHz (base transmit) paired with 1920.3 - 1979.7 MHz	(a) See note "E"
2120 - 2160 FIXED MOBILE [1]			
2160 - 2170 FIXED MOBILE [1]			
2170 - 2200 FIXED MOBILE [1] MOBILE-SATELLITE (space-to-Earth)	2170 - 2200 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)	2170 - 2200 (a) Telecommunications Apparatus 2170 - 2200 MHz [2]	(a) See note "J"
2200 - 2290 SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE SPACE RESEARCH (space-to-Earth) (space-to-space)	2200 - 2290 FIXED MOBILE	2200 - 2290 (a) Electronic News Gathering (ENG)/Outside Broadcast (OB) Links	(a) 33% of the frequency channels in the band are vacant.
2290 - 2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	2290 - 2300 FIXED	2290 - 2300	See note "K"

[1] The band 2110 - 2200 MHz is intended for use, on a worldwide basis, by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
2300 - 2655

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2300 - 2450 FIXED MOBILE [1] RADIOLOCATION Amateur [2][3]	2300 - 2400 FIXED MOBILE	2300 - 2400 (a) Broadband Wireless Access (BWA) 2300 - 2390 MHz	(a) See note "E"
	2450 - 2483.5 FIXED MOBILE RADIOLOCATION [2]	2400 - 2483.5 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	2400 - 2483.5 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [4] (c) Amateur-satellite 2400 - 2450 MHz
2483.5 - 2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION RADIODETERMINATION-SATELLITE (space-to-Earth) [2]	2483.5 - 2500 MOBILE-SATELLITE (space-to-Earth)	2483.5 - 2500 (a) Mobile-satellite (b) Telecommunications Apparatus 2483.5 - 2500 MHz [4]	(a) See note "B" (b) See note "J"
2500 - 2520 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1] MOBILE-SATELLITE (space-to-Earth)	2500 - 2655 FIXED MOBILE	2500 - 2655 (a) Broadband Wireless Access (BWA) 2500 - 2570 MHz (base receive) paired with 2620 - 2690 MHz (b) Government 2575 - 2615 MHz	(a) See note "E" (b) See note "C"
2520 - 2535 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE			
2535 - 2655 FIXED MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE			

[1] ITU identified the bands 2300 - 2400 MHz and 2500 - 2690 MHz, or portion of the bands, for use by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] The band 2400 - 2500 MHz (centre frequency 2450 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[3] Amateur-satellite service may operate in 2400 - 2450 MHz subject to not causing harmful interference to other services operating in accordance with this Table.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
2655 - 3300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2655 - 2670 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2655 - 2690 FIXED MOBILE	2655 - 2690 (a) Broadband Wireless Access (BWA) 2620 - 2690 MHz (base transmit) paired with 2500 - 2570 MHz	(a) See note "E"
2670 - 2690 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive)			
2690 - 2700 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]	2690 - 2700 ALL EMISSIONS PROHIBITED	2690 - 2700 (a) All emissions prohibited	(a) See note "A"
2700 - 2900 AERONAUTICAL RADIONAVIGATION Radiolocation	2700 - 2900 AERONAUTICAL RADIONAVIGATION METEOROLOGICAL AIDS	2700 - 2900 (a) Meteorological aids	(a) See note "C"
2900 - 3100 RADIONAVIGATION RADIOLOCATION [3]	2900 - 3300 RADIOLOCATION	2900 - 3300 (a) Radiolocation	(a) See note "B"
3100 - 3300 RADIOLOCATION Earth exploration-satellite (active) Space research (active)			

[1] ITU identified the band 2500 - 2690 MHz, or portion of the band, for use by administrations wishing to implement International Mobile Telecommunications (IMT).

[2] All emissions in the band 2690 - 2700 MHz are prohibited.

[3] In the band 2900 -3100 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the radionavigation service.

MHz
3300 - 4800

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
3300 - 3400 RADIOLOCATION Amateur	3300 - 3400 RADIOLOCATION	3300 - 3400 (a) Radiolocation	(a) See note "B"
3400 - 3500 FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation [1]	3400 - 3700 FIXED-SATELLITE (space-to-Earth)	3400 - 3700 (a) Fixed-satellite	(a) See note "B"
3500 - 3700 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation			
3700 - 4200 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	3700 - 4200 FIXED FIXED-SATELLITE (space-to-Earth)	3700 - 4200 (a) Fixed-satellite	(a) See note "B"
* 4200 - 4400 AERONAUTICAL MOBILE (R) [2] AERONAUTICAL RADIONAVIGATION	4200 - 4400 AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION	4200 - 4400 (a) Aeronautical mobile (b) Aeronautical radionavigation	(a) See note "B" (b) See note "C"
4400 - 4500 FIXED MOBILE	4400 - 4500 FIXED	4400 - 4800 (a) Fixed #	(a) 50% of the frequency channels in the band 4400 - 4940 MHz are vacant.
4500 - 4800 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	4500 - 4800 FIXED FIXED-SATELLITE (space-to-Earth)		

[1] Amateur-satellite service may operate in 3400 - 3410 MHz subject to not causing harmful interference to other services operating in accordance with this Table.

[2] Use of the frequency band 4200 - 4400 MHz by stations in the aeronautical mobile (R) service is reserved exclusively for wireless avionics intra-communication systems that operate in accordance with recognised international aeronautical standards. Such use shall be in accordance with Resolution 424 (WRC-15) of the Radio Regulations.

MHz
4800 - 5250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
4800 - 4990 FIXED MOBILE Radio astronomy	4800 - 4940 FIXED	4800 - 4940 (a) Fixed #	(a) 50% of the frequency channels in the band 4400 - 4940 MHz are vacant.
	4940 - 4990 FIXED MOBILE	4940 - 4990 (a) Government	(a) See note "C"
4990 - 5000 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive)	4990 - 5000 RADIO ASTRONOMY	4990 - 5150	See note "K"
5000 - 5010 AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	5000 - 5010 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)		
5010 - 5030 AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)(space-to-space)	5010 - 5030 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)		
5030 - 5091 AERONAUTICAL MOBILE (R) AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION	5030 - 5091 AERONAUTICAL RADIONAVIGATION		
* 5091 - 5150 FIXED-SATELLITE (Earth-to-space) [1] AERONAUTICAL MOBILE AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION	5091 - 5150 AERONAUTICAL RADIONAVIGATION		
5150 - 5250 AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile [2][3]	5150 - 5250 AERONAUTICAL RADIONAVIGATION MOBILE except aeronautical mobile	5150 - 5250 (a) Telecommunications Apparatus [4]	(a) See note "J"

[1] The allocation to the fixed-satellite (Earth-to-space) service is limited to feeder links of non-geostationary satellite systems in the mobile-satellite service.

[2] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile, except aeronautical mobile, service shall be in accordance with Resolution 229 (Rev.WRC-12) of the Radio Regulations.

[3] In the band 5150 - 5250 MHz, stations in the mobile service shall not claim protection from earth stations in the fixed-satellite service.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
5250 - 5470

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5250 - 5255 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH MOBILE except aeronautical mobile [1][2]	5250 - 5350 RADIOLOCATION MOBILE except aeronautical mobile	5250 - 5350 (a) Telecommunications Apparatus [4]	(a) See note "J"
5255 - 5350 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except aeronautical mobile [1][2]			
5350 - 5460 EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) AERONAUTICAL RADIONAVIGATION RADIOLOCATION [3]	5350 - 5470 AERONAUTICAL RADIONAVIGATION	5350 - 5470	See note "C"
5460 - 5470 RADIONAVIGATION EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION [3]			

[1] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile, except aeronautical mobile, service shall be in accordance with Resolution 229 (Rev.WRC-12) of the Radio Regulations.

[2] In the band 5250 - 5350 MHz, stations in the mobile service shall not claim protection from the radiolocation, the Earth exploration-satellite (active) and the space research (active) service.

[3] In the band 5350 - 5470 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the aeronautical radionavigation service.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
5470 - 5850

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5470 - 5570 MARITIME RADIONAVIGATION MOBILE except aeronautical mobile [1] EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION	5470 - 5725 RADIOLOCATION MOBILE except aeronautical mobile	5470 - 5725 (a) Radiolocation (b) Amateur-satellite 5650 - 5670 MHz (c) Telecommunications Apparatus [4]	(a) See note "B" (b) See note "B" (c) See note "J"
5570 - 5650 MARITIME RADIONAVIGATION MOBILE except aeronautical mobile [1] RADIOLOCATION			
5650 - 5725 RADIOLOCATION MOBILE except aeronautical mobile [1] Amateur [2] Space research (deep space)			
5725 - 5830 RADIOLOCATION Amateur [3]	5725 - 5850 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	5725 - 5850 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Amateur (c) Telecommunications Apparatus [4]	(a) See note "B" (b) See note "B" (c) See note "J"
5830 - 5850 RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) [3]			

[1] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile, except aeronautical mobile, service shall be in accordance with Resolution 229 (Rev.WRC-12) of the Radio Regulations.

[3] The band 5725 - 5875 MHz (centre frequency 5800 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[2] Amateur-satellite service may operate in 5650 - 5670 MHz subject to not causing harmful interference to other services operating in accordance with this Table. The use of the band 5650 - 5670 MHz by the amateur-satellite service is limited to Earth-to-space direction.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
5850 - 7075

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5850 - 5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation [1]	5850 - 5875 FIXED FIXED-SATELLITE (Earth-to-space) INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	5850 - 5875 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Fixed (Point-to-Multipoint Distribution Systems) (c) Fixed-satellite	(a) See note "B" (b) See note "E" (c) See note "B"
		5875 - 7075 FIXED FIXED-SATELLITE (Earth-to-space)	5875 - 5950 (a) Fixed (Point-to-Multipoint Distribution Systems) (b) Fixed-satellite
5925 - 6700 FIXED FIXED-SATELLITE (Earth-to-space) [2][3] MOBILE		5950 - 6425 (a) Fixed-satellite	(a) See note "B"
		6425 - 7075 (a) Fixed # 6440 - 7100 MHz (b) Fixed-satellite	(a) See note "G" (b) See note "B"
6700 - 7075 FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) MOBILE			

[1] The band 5725 - 5875 MHz (centre frequency 5800 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[2] In the band 5925 - 6425 MHz, earth stations located on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03) of the Radio Regulations.

[3] In the band 5925 - 6425 MHz, earth stations located on board vessels and communicating with space stations of the fixed-satellite service may employ transmit antennas with minimum diameter of 1.2 m and operate without prior agreement of any administration if located at least 330 km away from the low-water mark as officially recognised by the coastal State. All other provisions of Resolution 902 (WRC-03) of the Radio Regulations shall apply.

MHz
7075 - 7250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7075 - 7145 FIXED MOBILE	7075 - 7250 FIXED MOBILE	7075 - 7250 (a) Fixed # 6440 - 7100 MHz (b) Outside Broadcast (OB) Links	(a) See note "G" (b) 71% of the frequency channels in the band 7100 - 7421 MHz are vacant.
7145 - 7190 FIXED MOBILE SPACE RESEARCH (Earth-to-space)			
* 7190 - 7235 EARTH EXPLORATION-SATELLITE (Earth-to-space) [1][2] FIXED MOBILE SPACE RESEARCH (Earth-to-space)			
* 7235 - 7250 EARTH EXPLORATION-SATELLITE (Earth-to-space) [1] FIXED MOBILE			

[1] The use of the band 7190 - 7250 MHz (Earth-to-space) by the earth-exploration satellite service shall be limited to tracking, telemetry and command for the operation of spacecraft. Space stations operating in the earth exploration-satellite (Earth-to-space) service in the band 7190 - 7250 MHz shall not claim protection from existing and future stations in the fixed and mobile services.

[2] Space stations on the geostationary orbit operating in the earth exploration-satellite (Earth-to-space) service in the band 7190 - 7235 MHz shall not claim protection from existing and future stations of the space research service.

MHz
7250 - 7900

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7250 - 7300 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE [1]	7250 - 7375 FIXED MOBILE	7250 - 7421 (a) Outside Broadcast (OB) Links	(a) 71% of the frequency channels in the band 7100 - 7421 MHz are vacant.
7300 - 7375 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1]			
* 7375 - 7450 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) [2]	7375 - 7750 FIXED MOBILE MARITIME MOBILE-SATELLITE (space-to-Earth)	7421 - 7722 (a) Fixed #	(a) See note "G"
* 7450 - 7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) [3] MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) [2]			
* 7550 - 7750 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) [2]			
7750 - 7900 FIXED METEOROLOGICAL-SATELLITE [4] (space-to-Earth) MOBILE except aeronautical mobile	7750 - 7900 FIXED	7722 - 7900 (a) Fixed	(a) 16% of the frequency channels in the band are vacant.

[1] The band 7250 - 7375 MHz is also allocated to the mobile-satellite (space-to-Earth) service on a primary basis.

[2] The use of the band 7375 - 7750 MHz by the maritime mobile-satellite service is limited to geostationary-satellite networks. In this band, earth stations in the maritime mobile-satellite service shall not claim protection from, nor constrain the use and development of, stations in the fixed and mobile, except aeronautical mobile, services.

[3] The use of the band 7450 - 7550 MHz by the meteorological-satellite (space-to-Earth) service is limited to geostationary satellite systems.

[4] The use of the band 7750 - 7900 MHz by the meteorological-satellite (space-to-Earth) service is limited to non-geostationary satellite systems.

MHz
7900 - 8750

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7900 - 8025 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [1]	7900 - 8025 FIXED	7900 - 8025 (a) Fixed 7900 - 8000 MHz	(a) 30% of the frequency channels in the band are vacant.
8025 - 8175 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	8025 - 8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED	8025 - 8275 (a) Earth exploration-satellite	(a) See note "B"
8175 - 8215 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE		8275 - 8400 (a) Earth exploration-satellite (b) Fixed #	(a) See note "B" (b) See note "G"
8215 - 8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE		8400 - 8500 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	(a) See note "G"
8500 - 8550 RADIOLOCATION	8500 - 8750 RADIOLOCATION	8500 - 8750 (a) Radiolocation	(a) See note "B"
8550 - 8650 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)		8650 - 8750 RADIOLOCATION	

[1] The band 7900 - 8025 MHz is also allocated to the mobile-satellite (Earth-to-space) service on a primary basis.

MHz
8750 - 9800

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
8750 - 8850 RADIOLOCATION AERONAUTICAL RADIONAVIGATION	8750 - 8850 AERONAUTICAL RADIONAVIGATION	8750 - 8850	See note "C"
8850 - 9000 RADIOLOCATION MARITIME RADIONAVIGATION	8850 - 9000 MARITIME RADIONAVIGATION	8850 - 9000	See note "C"
9000 - 9200 AERONAUTICAL RADIONAVIGATION RADIOLOCATION	9000 - 9200 AERONAUTICAL RADIONAVIGATION	9000 - 9200 (a) Aeronautical radionavigation	(a) See note "C"
* 9200 - 9300 EARTH EXPLORATION-SATELLITE (active) [1] RADIOLOCATION MARITIME RADIONAVIGATION [2]	9200 - 9300 MARITIME RADIONAVIGATION	9200 - 9300	See note "C"
9300 - 9800 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	9300 - 9800 RADIOLOCATION RADIONAVIGATION	9300 - 9800 (a) Radiolocation (b) Radionavigation	(a) See note "B" (b) See note "C"

[1] The use of the band 9200 - 9300 MHz by the earth exploration-satellite (active) service is limited to systems requiring necessary bandwidth greater than 600 MHz that cannot be fully accommodated within the band 9300 - 9900 MHz. Stations operating in the earth exploration-satellite (active) service shall comply with Recommendations ITU-R RS.2065-0 and RS.2066-0.

[2] Stations in the earth exploration-satellite (active) service shall not cause harmful interference to, or claim protection from, stations of the maritime radionavigation and radiolocation services in the band 9200 - 9300 MHz.

MHz
9800 - 10450

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
9800 - 9900 RADIOLOCATION Earth exploration-satellite (active) Space research (active) Fixed	9800 - 10150 TO BE PLANNED	9800 - 10150	See note "I"
* 9900 - 10000 EARTH EXPLORATION-SATELLITE (active) [1] RADIOLOCATION Fixed [2][3]			
* 10000 - 10400 EARTH EXPLORATION-SATELLITE (active) [1] FIXED MOBILE RADIOLOCATION Amateur [2][3]			
	10150 - 10300 FIXED	10150 - 10300 (a) Fixed #	(a) 90% of the frequency channels in the band are vacant.
	10300 - 10450 TO BE PLANNED	10300 - 10450	See note "I"
10400 - 10450 FIXED MOBILE RADIOLOCATION Amateur			

[1] The use of the frequency bands 9900 - 10400 MHz by the earth exploration-satellite (active) service is limited to systems requiring necessary bandwidth greater than 600 MHz that cannot be fully accommodated within the frequency band 9300 - 9900 MHz. Stations operating in the earth exploration-satellite (active) service shall comply with Recommendations ITU-R RS.2065-0 and RS.2066-0.

[2] Stations in the earth exploration-satellite (active) service shall not cause harmful interference to, or claim protection from stations of the radionavigation and radiolocation services in the band 9900 - 10000 MHz and the radiolocation service in the band 10 - 10.4 GHz.

[3] The band 9975 - 10025 MHz is also allocated to the meteorological-satellite service on a secondary basis for use by weather radars.

GHz
10.45 - 12.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
10.45 - 10.5 RADIOLOCATION Amateur Amateur-satellite	10.45 - 10.5 RADIOLOCATION Amateur Amateur-satellite	10.45 - 10.5 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
10.5 - 10.55 FIXED MOBILE RADIOLOCATION	10.5 - 10.68 FIXED RADIOLOCATION	10.5 - 10.68 (a) Radiolocation (b) Fixed #	(a) See note "B" (b) 92% of the frequency channels in the band are vacant.
10.55 - 10.6 FIXED MOBILE except aeronautical mobile Radiolocation			
10.6 - 10.68 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation			
10.68 - 10.7 [1] EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	10.68 - 10.7 ALL EMISSIONS PROHIBITED	10.68 - 10.7 (a) All emissions prohibited	(a) See note "A"
10.7 - 11.7 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	10.7 - 11.7 FIXED FIXED-SATELLITE (space-to-Earth)	10.7 - 11.7 (a) Fixed #	(a) 25% of the frequency channels in the band are vacant.
11.7 - 12.2 [2][3] FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	11.7 - 12.2 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	11.7 - 12.2 (a) Outside Broadcast (OB) Links	(a) See note "K"
12.2 - 12.5 [3] FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING	12.2 - 12.5 FIXED-SATELLITE (space-to-Earth)	12.2 - 12.5 (a) Fixed-satellite	(a) See note "B"

[1] All emissions in the band 10.68 - 10.7 GHz are prohibited.

[2] The band 11.7 - 12.2 GHz is also allocated to the fixed-satellite (space-to-Earth) service on a primary basis, limited to non-geostationary systems.

[3] In the band 11.7 - 12.5 GHz, the fixed, fixed-satellite, mobile except aeronautical mobile, and broadcasting services, shall not cause harmful interference to, or claim protection from, broadcasting-satellite stations.

GHz
12.5 - 14

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
12.5 - 12.75 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING-SATELLITE	12.5 - 12.75 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	12.5 - 13.25 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Fixed-satellite	(a)&(b) 47% of the frequency channels in the band are vacant. (c) See note "B"
12.75 - 13.25 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research (deep space) (space-to-Earth)	12.75 - 13.25 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE		
13.25 - 13.4 EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION SPACE RESEARCH (active)	13.25 - 13.4 AERONAUTICAL RADIONAVIGATION	13.25 - 13.4	See note "C"
13.4 - 13.75 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth-to-space)	13.4 - 13.75 RADIOLOCATION	13.4 - 13.75	See note "K"
13.75 - 14 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Standard frequency and time signal-satellite (Earth-to-space) Space research Earth exploration-satellite	13.75 - 14 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION	13.75 - 14	See note "K"

GHz
14 - 14.47

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
14 - 14.25 FIXED-SATELLITE (Earth-to-space) [1] RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research [2]	14 - 14.4 FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to-space)	14 - 14.4 (a) Fixed-satellite (b) Mobile-satellite	(a)&(b) See note "B"
14.25 - 14.3 FIXED-SATELLITE (Earth-to-space) [1] RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research [2]			
14.3 - 14.4 FIXED FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radionavigation-satellite [2]			
14.4 - 14.47 FIXED FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Space research (space-to-Earth) [2]	14.4 - 14.47 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	14.4 - 14.47 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Mobile-satellite	(a)&(b) 46% of the frequency channels in the band 14.4 - 15.35 GHz are vacant. (c) See note "B"

[1] In the band 14 - 14.5 GHz, earth stations located on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03) of the Radio Regulations.

[2] In the band 14 - 14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service.

GHz
14.47 - 15.7

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
14.47 - 14.5 FIXED FIXED-SATELLITE (Earth-to-space) [1] MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radio astronomy [2]	14.47 - 14.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	14.47 - 14.5 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Mobile-satellite	(a)&(b) 46% of the frequency channels in the band 14.4 - 15.35 GHz are vacant. (c) See note "B"
14.5 - 14.8 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research	14.5 - 14.8 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	14.5 - 15.35 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Fixed-satellite 14.5 - 14.8 GHz	(a)&(b) 46% of the frequency channels in the band 14.4 - 15.35 GHz are vacant. (c) See note "B"
14.8 - 15.35 FIXED MOBILE Space research	14.8 - 15.35 FIXED MOBILE		
15.35 - 15.4 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [3]	15.35 - 15.4 ALL EMISSIONS PROHIBITED	15.35 - 15.4 (a) All emissions prohibited	(a) See note "A"
15.4 - 15.43 RADIOLOCATION AERONAUTICAL RADIONAVIGATION	15.4 - 15.7 AERONAUTICAL RADIONAVIGATION	15.4 - 15.7	See note "C"
15.43 - 15.63 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION AERONAUTICAL RADIONAVIGATION			
15.63 - 15.7 RADIOLOCATION AERONAUTICAL RADIONAVIGATION			

[1] In the band 14 - 14.5 GHz, earth stations located on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03) of the Radio Regulations.

[2] In the band 14 - 14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service.

[3] All emissions in the band 15.35 - 15.4 GHz are prohibited.

GHz
15.7 - 18.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
15.7 - 16.6 RADIOLOCATION	15.7 - 17.3 RADIOLOCATION	15.7 - 17.3 (a) Radiolocation	(a) See note "B"
16.6 - 17.1 RADIOLOCATION Space research (deep space) (Earth-to-space)			
17.1 - 17.2 RADIOLOCATION			
17.2 - 17.3 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
17.3 - 17.7 FIXED-SATELLITE (Earth-to-space) Radiolocation	17.3 - 17.7 FIXED-SATELLITE (Earth-to-space)	17.3 - 17.7	See note "K"
17.7 - 18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	17.7 - 18.4 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space)	17.7 - 18.4 (a) Fixed # 17.74125 - 18.12625 GHz (b) Fixed (Microwave Multipoint Distribution Systems (MMDS)) 18.14 - 18.74475 GHz	(a) 77% of the frequency channels in the band are vacant. (b) See note "E"
18.1 - 18.4 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE [1]			

[1] The band 18.1 - 18.4 GHz is also allocated to the meteorological-satellite (space-to-Earth) service on a primary basis.

GHz
18.4 - 21.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
18.4 - 18.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	18.4 - 18.8 FIXED FIXED-SATELLITE (space-to-Earth)	18.4 - 18.8 (a) Fixed (Microwave Multipoint Distribution Systems (MMDS)) 18.14 - 18.74475 GHz	(a) See note "E"
18.6 - 18.8 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Space research (passive)			
18.8 - 19.3 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	18.8 - 19.3 FIXED FIXED-SATELLITE (space-to-Earth)	18.8 - 19.7 (a) Fixed # 18.75125 - 19.13625 GHz (b) Fixed-satellite (c) Fixed (Microwave Multipoint Distribution System (MMDS)) (d) Telecommunications Apparatus 18.82 - 18.87 GHz [2]	(a) 77% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "K" (d) See note "J"
19.3 - 19.7 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	19.3 - 19.7 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space)		
19.7 - 20.1 FIXED-SATELLITE (space-to-Earth) [1] Mobile-satellite (space-to-Earth)	19.7 - 21.2 FIXED-SATELLITE (space-to-Earth)	19.7 - 21.2 (a) Fixed-satellite	(a) See note "B"
20.1 - 20.2 FIXED-SATELLITE (space-to-Earth) [1] MOBILE-SATELLITE (space-to-Earth)			
20.2 - 21.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth)			

[1] The operation of earth stations in motion communicating with the fixed-satellite service is subject to Resolution 156 (WRC-15) of the Radio Regulations.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

GHz
21.2 - 23.6

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
21.2 - 21.4 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	21.2 - 21.4 FIXED	21.2 - 23.6 (a) Fixed # 21.2 - 21.4 GHz, 22 - 23.6 GHz	(a) 54% of the frequency channels in the band are vacant.
21.4 - 22 FIXED MOBILE BROADCASTING-SATELLITE	21.4 - 22 BROADCASTING-SATELLITE		
22 - 22.21 FIXED MOBILE except aeronautical mobile	22 - 23.6 FIXED		
22.21 - 22.5 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE-RESEARCH (passive)			
22.5 - 22.55 FIXED MOBILE			
22.55 - 23.15 FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (Earth-to-space)			
23.15 - 23.55 FIXED INTER-SATELLITE MOBILE			
23.55 - 23.6 FIXED MOBILE			

GHz
23.6 - 24.75

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
23.6 - 24 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	23.6 - 24 ALL EMISSIONS PROHIBITED	23.6 - 24 (a) All emissions prohibited	(a) See note "A"
24 - 24.05 AMATEUR AMATEUR-SATELLITE [2]	24 - 24.05 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	24 - 24.05 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Amateur	(a)&(b) See note "B"
24.05 - 24.25 RADIOLOCATION Amateur Earth exploration-satellite (active) [2]	24.05 - 24.25 RADIOLOCATION INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	24.05 - 24.25 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Radiolocation (c) Amateur	(a),(b)&(c) See note "B"
24.25 - 24.45 RADIONAVIGATION FIXED MOBILE	24.25 - 24.45 RADIONAVIGATION	24.25 - 24.45 (a) Government	(a) See note "C"
24.45 - 24.65 FIXED INTER-SATELLITE MOBILE RADIONAVIGATION	24.45 - 24.65 FIXED RADIONAVIGATION	24.45 - 24.75 (a) Fixed # 24.5 - 24.8465 GHz, 24.997 - 25.144 GHz, 25.2945 - 25.8545 GHz, 26.005 - 26.152 GHz, 26.3025 - 26.5 GHz	(a) 90% of the frequency channels are vacant.
24.65 - 24.75 FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE MOBILE	24.65 - 24.75 FIXED		

[1] All emissions in the band 23.6 - 24 GHz are prohibited.

[2] The band 24 - 24.25 GHz (centre frequency 24.125 GHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

GHz
24.75 - 28.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
24.75 - 25.25 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	24.75 - 25.25 FIXED FIXED-SATELLITE (Earth-to-space)	24.75 - 28.35 (a) Fixed # 24.5 - 24.8465 GHz, 24.997 - 25.144 GHz, 25.2945 - 25.8545 GHz, 26.005 - 26.152 GHz, 26.3025 - 26.5 GHz (b) Local Wireless Fixed Telecommunications Network Services (LWFTNS) 24.8465 - 24.997 GHz, 25.144 - 25.294 GHz, 25.8545 - 26.005 GHz, 26.152 - 26.302 GHz, 27.5 - 28.35 GHz	(a) 90% of the frequency channels are vacant. (b) 77% of the frequency channels are vacant.
25.25 - 25.5 FIXED INTER-SATELLITE MOBILE Standard frequency and time signal-satellite (Earth-to-space)	25.25 - 27 FIXED		
25.5 - 27 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (space-to-Earth) Standard frequency and time signal-satellite (Earth-to-space)			
27 - 27.5 FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE MOBILE	27 - 28.35 FIXED FIXED-SATELLITE (Earth-to-space)		
27.5 - 28.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE			
	28.35 - 28.5 FIXED-SATELLITE (Earth-to-space)	28.35 - 28.5	See note "K"

GHz
28.5 - 31.3

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
28.5 - 29.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Earth exploration-satellite (Earth-to-space)	28.5 - 29.1 FIXED-SATELLITE (Earth-to-space)	28.5 - 29.1	See note "K"
	29.1 - 29.25 FIXED FIXED-SATELLITE (Earth-to-space)	29.1 - 29.25 (a) Local Wireless Fixed Telecommunications Network Services (LWFTNS)	(a) See note "K"
	29.25 - 30 FIXED-SATELLITE (Earth-to-space)	29.25 - 30	See note "K"
29.5 - 29.9 FIXED-SATELLITE (Earth-to-space) [1] Earth exploration-satellite (Earth-to-space) Mobile-satellite (Earth-to-space)			
29.9 - 30 FIXED-SATELLITE (Earth-to-space) [1] MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space)			
30 - 31 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth)	30 - 31 FIXED-SATELLITE (Earth-to-space)	30 - 31	See note "K"
31 - 31.3 FIXED MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research	31 - 31.3 FIXED	31 - 31.3 (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) See note "K"

[1] The operation of earth stations in motion communicating with the fixed-satellite service is subject to Resolution 156 (WRC-15) of the Radio Regulations.

GHz
31.3 - 34.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
31.3 - 31.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	31.3 - 31.5 ALL EMISSIONS PROHIBITED	31.3 - 31.5 (a) All emissions prohibited	(a) See note "A"
31.5 - 31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	31.5 - 33 TO BE PLANNED	31.5 - 33	See note "I"
31.8 - 32 FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)			
32 - 32.3 FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)			
32.3 - 33 FIXED INTER-SATELLITE RADIONAVIGATION			
33 - 33.4 FIXED RADIONAVIGATION	33 - 33.4 RADIONAVIGATION	33 - 33.4	See note "K"
33.4 - 34.2 RADIOLOCATION	33.4 - 34.2 RADIOLOCATION	33.4 - 34.2 (a) Radiolocation	(a) See note "B"

[1] All emissions in the band 31.3 - 31.5 GHz are prohibited.

GHz
34.2 - 38

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
34.2 - 34.7 RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space)	34.2 - 35.2 RADIOLOCATION	34.2 - 35.2 (a) Radiolocation	(a) See note "B"
34.7 - 35.2 RADIOLOCATION Space research			
35.2 - 35.5 METEOROLOGICAL AIDS RADIOLOCATION	35.2 - 37 TO BE PLANNED	35.2 - 37	See note "I"
35.5 - 36 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
36 - 37 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)			
37 - 37.5 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	37 - 38 FIXED	37 - 38 (a) Fixed #	(a) 76% of the frequency channels in the band 37 - 39.5 GHz are vacant.
37.5 - 38 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth)			

GHz
38 - 42.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
38 - 39.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth)	38 - 39.5 FIXED	38 - 39.5 (a) Fixed #	(a) 76% of the frequency channels in the band 37 - 39.5 GHz are vacant.
39.5 - 40 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth)	39.5 - 42.5 TO BE PLANNED	39.5 - 42.5	See note "I"
40 - 40.5 EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth)			
40.5 - 42.5 FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile			

GHz
42.5 - 54.25

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
42.5 - 43.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile RADIO ASTRONOMY	42.5 - 47 TO BE PLANNED	42.5 - 47	See note "I"
43.5 - 47 MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE			
47 - 47.2 AMATEUR AMATEUR-SATELLITE	47 - 47.2 AMATEUR AMATEUR-SATELLITE	47 - 47.2 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
47.2 - 50.2 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [1]	47.2 - 50.2 TO BE PLANNED	47.2 - 50.2	See note "I"
50.2 - 50.4 EARTH EXPLORATION-SATELLITE (passive) SPACE-RESEARCH (passive) [2]	50.2 - 50.4 ALL EMISSIONS PROHIBITED	50.2 - 50.4 (a) All emissions prohibited	(a) See note "A"
50.4 - 51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	50.4 - 51.15 FIXED	50.4 - 51.15	See note "K"
	51.15 - 52.6 TO BE PLANNED	51.15 - 52.6	See note "I"
51.4 - 52.6 FIXED MOBILE			
52.6 - 54.25 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) [3]	52.6 - 54.25 ALL EMISSIONS PROHIBITED	52.6 - 54.25 (a) All emissions prohibited	(a) See note "A"

[1] The band 48.94 - 49.04 GHz is also allocated to the radio astronomy service on a primary basis.

[2] All emissions in the band 50.2 - 50.4 GHz are prohibited.

[3] All emissions in the band 52.6 - 54.25 GHz are prohibited.

GHz
54.25 - 59

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
54.25 - 55.78 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE-RESEARCH (passive)	54.25 - 57 TO BE PLANNED	54.25 - 57	See note "I"
55.78 - 56.9 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
56.9 - 57 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
57 - 58.2 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	57 - 59 FIXED MOBILE	57 - 59 (a) 60 GHz Device 57 - 66 GHz	(a) See note "J"
58.2 - 59 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)			

GHz
59 - 71

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
59 - 59.3 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE RADIOLOCATION SPACE RESEARCH (passive)	59 - 61 FIXED MOBILE	59 - 66 (a) 60 GHz Device 57 - 66 GHz (b) Industrial, Scientific and Medical (ISM) Equipment 61 - 61.5 GHz	(a) See note "J" (b) See note "B"
59.3 - 64 FIXED INTER-SATELLITE MOBILE RADIOLOCATION [1]	61 - 61.5 FIXED MOBILE RADIOLOCATION INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)		
	61.5 - 64 FIXED MOBILE		
64 - 65 FIXED INTER-SATELLITE MOBILE except aeronautical mobile	64 - 66 FIXED MOBILE except aeronautical mobile		
65 - 66 EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH			
66 - 71 INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	66 - 71 TO BE PLANNED	66 - 71	See note "I"

[1] The band 61 - 61.5 GHz (centre frequency 61.25 GHz) is designated for industrial, scientific and medical (ISM) applications.

GHz
71 - 78

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
71 - 74 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	71 - 76 TO BE PLANNED	71 - 76	See note "I"
74 - 75.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)			
75.5 - 76 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)			
76 - 77.5 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)	76 - 77.5 RADIOLOCATION Amateur Amateur-satellite	76 - 77.5 (a) 79 GHz Automotive Radar 77 - 81 GHz (b) Amateur (c) Amateur-satellite (d) Telecommunications Apparatus 76 - 77 GHz [1]	(a) See note "J" (b)&(c) See note "B" (d) See note "J"
* 77.5 - 78 AMATEUR AMATEUR-SATELLITE RADIOLOCATION [2] Radio astronomy Space research (space-to-Earth)	77.5 - 78 AMATEUR AMATEUR-SATELLITE RADIOLOCATION	77.5 - 78 (a) Amateur (b) Amateur-satellite (c) 79 GHz Automotive Radar 77 - 81 GHz	(a)&(b) See note "B" (c) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

[2] The use of the band 77.5 - 78 GHz by the radiolocation service shall be limited to short-range radar for ground-based applications, including automotive radars. The technical characteristics of these radars are provided in the most recent version of Recommendation ITU-R M.2057. The provisions of No. 4.10 of the Radio Regulations do not apply.

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
78 - 79 RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth)	78 - 81 RADIOLOCATION Amateur Amateur-satellite	78 - 81 (a) 79 GHz Automotive Radar 77 - 81 GHz (b) Amateur (c) Amateur-satellite	(a) See note "J" (b)&(c) See note "B"
79 - 81 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)			
81 - 84 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth)	81 - 86 TO BE PLANNED	81 - 86	See note "I"
84 - 86 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY			

GHz
86 - 102

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
86 - 92 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	86 - 92 ALL EMISSIONS PROHIBITED	86 - 92 (a) All emissions prohibited	(a) See note "A"
92 - 94 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	92 - 100 TO BE PLANNED	92 - 100	See note "I"
94 - 94.1 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy			
94.1 - 95 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION			
95 - 100 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE			
100 - 102 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	100 - 102 ALL EMISSIONS PROHIBITED	100 - 102 (a) All emissions prohibited	(a) See note "A"

[1] All emissions in the bands 86 - 92 GHz and 100 - 102 GHz are prohibited.

GHz
102 - 114.25

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
102 - 105 FIXED MOBILE RADIO ASTRONOMY	102 - 109.5 TO BE PLANNED	102 - 109.5	See note "I"
105 - 109.5 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
109.5 - 111.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	109.5 - 111.8 ALL EMISSIONS PROHIBITED	109.5 - 111.8 (a) All emissions prohibited	(a) See note "A"
111.8 - 114.25 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	111.8 - 114.25 TO BE PLANNED	111.8 - 114.25	See note "I"

[1] All emissions in the band 109.5 - 111.8 GHz are prohibited.

GHz
114.25 - 126

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
114.25 - 116 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	114.25 - 116 ALL EMISSIONS PROHIBITED	114.25 - 116 (a) All emissions prohibited	(a) See note "A"
116 - 119.98 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	116 - 122 TO BE PLANNED	116 - 122	See note "I"
119.98 - 120.02 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
120.02 - 122.25 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive) [2]			
122.25 - 123 FIXED INTER-SATELLITE MOBILE Amateur [2]	122 - 123 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	122 - 123 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
123 - 126 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	123 - 126 TO BE PLANNED	123 - 126	See note "I"

[1] All emissions in the band 114.25 - 116 GHz are prohibited.

[2] The band 122 - 123 GHz (centre frequency 122.5 GHz) is designated for industrial, scientific and medical (ISM) applications.

GHz
126 - 148.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
126 - 130 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	126 - 148.5 TO BE PLANNED	126 - 148.5	See note "I"
130 - 134 EARTH EXPLORATION-SATELLITE (active) FIXED INTER-SATELLITE MOBILE RADIO ASTRONOMY			
134 - 136 AMATEUR AMATEUR-SATELLITE Radio astronomy			
136 - 141 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite			
141 - 148.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION			

GHz
148.5 - 168

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
148.5 - 151.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	148.5 - 151.5 ALL EMISSIONS PROHIBITED	148.5 - 151.5 (a) All emissions prohibited	(a) See note "A"
151.5 - 155.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	151.5 - 164 TO BE PLANNED	151.5 - 164	See note "I"
155.5 - 158.5 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
158.5 - 164 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)			
164 - 167 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	164 - 167 ALL EMISSIONS PROHIBITED	164 - 167 (a) All emissions prohibited	(a) See note "A"
167 - 168 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	167 - 168 TO BE PLANNED	167 - 168	See note "I"

[1] All emissions in the bands 148.5 - 151.5 GHz and 164 - 167 GHz are prohibited.

GHz
168 - 190

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
168 - 170 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	168 - 182 TO BE PLANNED	168 - 182	See note "I"
170 - 174.5 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE			
174.5 - 174.8 FIXED INTER-SATELLITE MOBILE			
174.8 - 182 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
182 - 185 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	182 - 185 ALL EMISSIONS PROHIBITED	182 - 185 (a) All emissions prohibited	(a) See note "A"
185 - 190 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	185 - 190 TO BE PLANNED	185 - 190	See note "I"

[1] All emissions in the bands 182 - 185 GHz are prohibited.

GHz
190 - 200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>190 - 191.8 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) [1]</p>	<p>190 - 191.8 ALL EMISSIONS PROHIBITED</p>	<p>190 - 191.8 (a) All emissions prohibited</p>	<p>(a) See note "A"</p>
<p>191.8 - 200 FIXED INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE</p>	<p>191.8 - 200 TO BE PLANNED</p>	<p>191.8 - 200</p>	<p>See note "I"</p>

[1] All emissions in the bands 190 - 191.8 GHz are prohibited.

GHz
200 - 232

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
200 - 209 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	200 - 209 ALL EMISSIONS PROHIBITED	200 - 209 (a) All emissions prohibited	(a) See note "A"
209 - 217 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	209 - 226 TO BE PLANNED	209 - 226	See note "I"
217 - 226 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
226 - 231.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	226 - 231.5 ALL EMISSIONS PROHIBITED	226 - 231.5 (a) All emissions prohibited	(a) See note "A"
231.5 - 232 FIXED MOBILE Radiolocation	231.5 - 232 TO BE PLANNED	231.5 - 232	See note "I"

[1] All emissions in the bands 200 - 209 GHz and 226 - 231.5 GHz are prohibited.

GHz
232 - 241

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
232 - 235 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation	232 - 241 TO BE PLANNED	232 - 241	See note "I"
235 - 238 EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive)			
238 - 240 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE			
240 - 241 FIXED MOBILE RADIOLOCATION			

GHz
241 - 3000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
241 - 248 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite [1]	241 - 244 TO BE PLANNED	241 - 244	See note "I"
	244 - 246 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	244 - 246 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
	246 - 250 TO BE PLANNED	246 - 250	See note "I"
248 - 250 AMATEUR AMATEUR-SATELLITE Radio astronomy			
250 - 252 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]	250 - 252 ALL EMISSIONS PROHIBITED	250 - 252 (a) All emissions prohibited	(a) See note "A"
252 - 265 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE	252 - 3000 TO BE PLANNED	252 - 3000	See note "I"
265 - 275 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY			
275 - 3000 (Not allocated)			

[1] The band 244 - 246 GHz (centre frequency 245 GHz) is designated for industrial, scientific and medical (ISM) applications.

[2] All emissions in the bands 250 - 252 GHz are prohibited.

ANNEX I

REVISION OF

REGION 3 ALLOCATIONS

REGION 3 ALLOCATION REVISION

before WRC-15 decisions in force

after WRC-15 decisions in force

5275 - 5450 kHz

<p>5275 - 5450 FIXED MOBILE except aeronautical mobile</p>

<p>5275 - 5351.5 FIXED MOBILE except aeronautical mobile</p>
<p>5351.5 - 5366.5 FIXED MOBILE except aeronautical mobile Amateur</p>
<p>5366.5 - 5450 FIXED MOBILE except aeronautical mobile</p>

149.9 - 150.05 MHz

<p>149.9 - 150.05 MOBILE-SATELLITE (Earth-to-space) RADIONAVIGATION-SATELLITE</p>
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<p>149.9 - 150.05 MOBILE-SATELLITE (Earth-to-space)</p>
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156.8375 - 162.0125 MHz

<p>156.8375 - 161.9625 FIXED MOBILE</p>
<p>161.9625 - 161.9875 MARITIME MOBILE Aeronautical mobile (OR) Mobile-satellite (Earth-to-space)</p>
<p>161.9875 - 162.0125 FIXED MOBILE</p>

<p>156.8375 - 161.9375 FIXED MOBILE</p>
<p>161.9375 - 161.9625 FIXED MOBILE Maritime mobile-satellite (Earth-to-space)</p>
<p>161.9625 - 161.9875 MARITIME MOBILE Aeronautical mobile (OR) Mobile-satellite (Earth-to-space)</p>
<p>161.9875 - 162.0125 FIXED MOBILE Maritime mobile-satellite (Earth-to-space)</p>

399.9 - 400.05 MHz

<p>399.9 - 400.05 MOBILE-SATELLITE (Earth-to-space) RADIONAVIGATION-SATELLITE</p>
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<p>399.9 - 400.05 MOBILE-SATELLITE (Earth-to-space)</p>
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REGION 3 ALLOCATION REVISION

before WRC-15 decisions in force

after WRC-15 decisions in force

960 - 1164 MHz

<p>960 - 1164 AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION</p>

<p>960 - 1164 AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION</p>
<p>Note Note: The band 1087.7 - 1092.3 MHz is also allocated to the aeronautical mobile-satellite (R) service (Earth-to-space) on a primary basis.</p>

4200 - 4400 MHz

<p>4200 - 4400 AERONAUTICAL RADIONAVIGATION</p>
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<p>4200 - 4400 AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION</p>
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5091 - 5150 MHz

<p>5091 - 5150 AERONAUTICAL MOBILE AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION</p>
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<p>5091 - 5150 FIXED-SATELLITE (Earth-to-space) AERONAUTICAL MOBILE AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION</p>

7145 - 7250 MHz

<p>7145 - 7235 FIXED MOBILE SPACE RESEARCH (Earth-to-space)</p>
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<p>7145 - 7190 FIXED MOBILE SPACE RESEARCH (deep space) (Earth-to-space)</p>
<p>7190 - 7235 EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED MOBILE SPACE RESEARCH (Earth-to-space)</p>

<p>7235 - 7250 FIXED MOBILE</p>
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<p>7235 - 7250 EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED MOBILE</p>

REGION 3 ALLOCATION REVISION

before WRC-15 decisions in force

after WRC-15 decisions in force

7300 - 7750 MHz

<p>7300 - 7450 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile</p>
<p>7450 - 7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile</p>
<p>7550 - 7750 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile</p>

<p>7300 - 7375 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile</p>
<p>7375 - 7450 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth)</p>
<p>7450 - 7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth)</p>
<p>7550 - 7750 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth)</p>

9200 - 9300 MHz

<p>9200 - 9300 RADIOLOCATION MARITIME RADIONAVIGATION</p>
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<p>9200 - 9300 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION MARITIME RADIONAVIGATION</p>
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REGION 3 ALLOCATION REVISION

before WRC-15 decisions in force

after WRC-15 decisions in force

9900 - 10000 MHz

<p>9900 - 10000 RADIOLOCATION Fixed</p>
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<p>9900 - 10000 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION Fixed</p>
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10 - 10.45 GHz

<p>10 - 10.45 FIXED MOBILE RADIOLOCATION Amateur</p>

<p>10 - 10.4 EARTH EXPLORATION-SATELLITE (active) FIXED MOBILE RADIOLOCATION Amateur</p>
<p>10.4 - 10.45 FIXED MOBILE RADIOLOCATION Amateur</p>

77.5 - 78 GHz

<p>77.5 - 78 AMATEUR AMATEUR-SATELLITE Radio astronomy Space research (space-to-Earth)</p>

<p>77.5 - 78 AMATEUR AMATEUR-SATELLITE RADIOLOCATION Radio astronomy Space research (space-to-Earth)</p>
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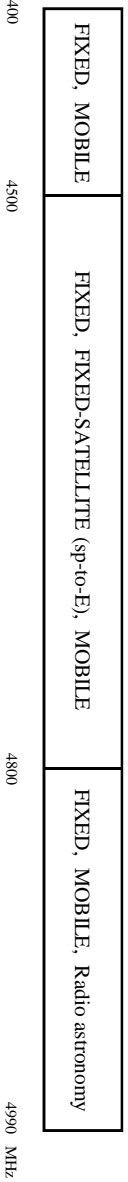
ANNEX II

CHANNEL ARRANGEMENTS FOR

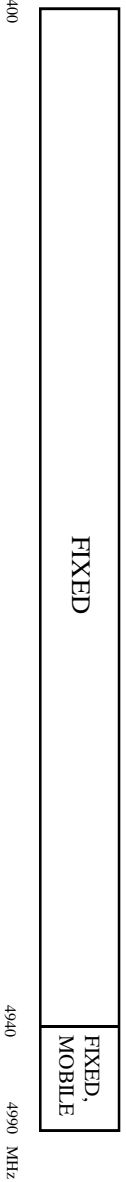
FIXED SERVICE

4.4 - 4.99 GHz

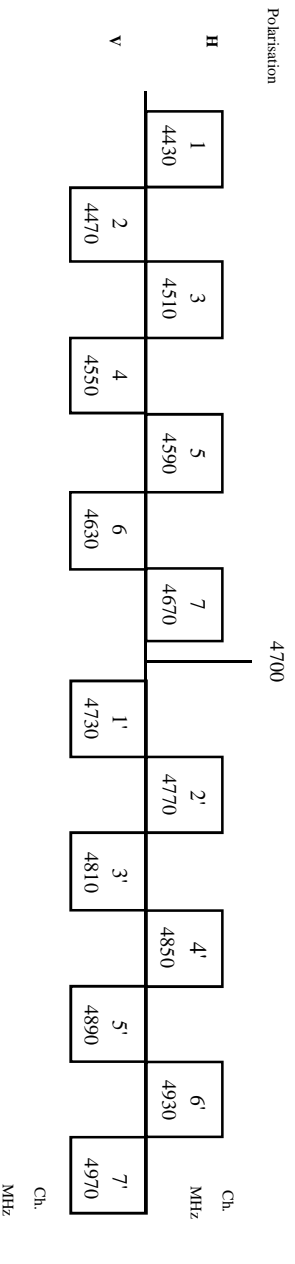
RR Allocation



HK Allocation



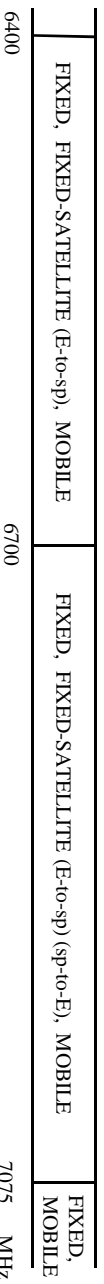
Channel Arrangement (ch. width 40 MHz)



6.4 - 7.1 GHz

(Rec. ITU-R F.384 -11)

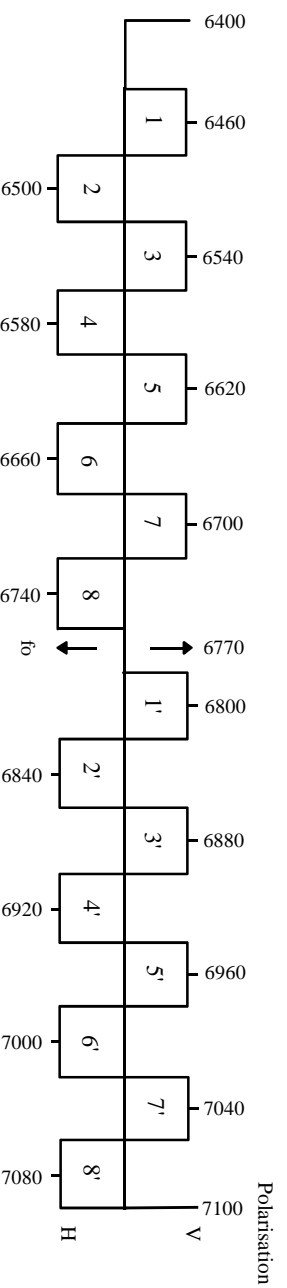
RR Allocation



HK Allocation



Channel Arrangement (ch. width 40 MHz)



7.42 - 7.75 GHz

(Rec. ITU-R F.385-10)

RR Allocation

7300	7375	7450	7550
FIXED, SATELLITE (sp-to-E), MOBILE except aero, mobile	FIXED-SATELLITE (sp-to-E), MARITIME MOBILE-SATELLITE (sp-to-E)	FIXED, FIXED-SAT. (sp-to-E), MET-SAT (sp-to-E), MOBILE except aero, mobile, MARITIME MOBILE-SATELLITE (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E), MOBILE except aeronautical mobile

7300

7375

7450

7550 MHz

HK Allocation

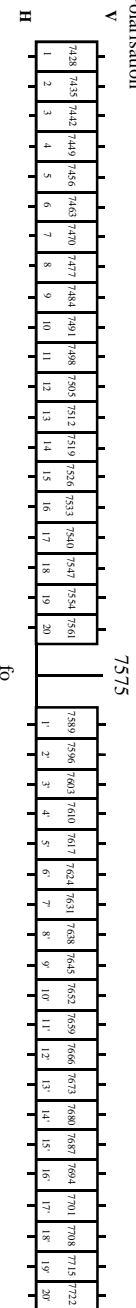
FIXED, MOBILE			
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7300

7750 MHz

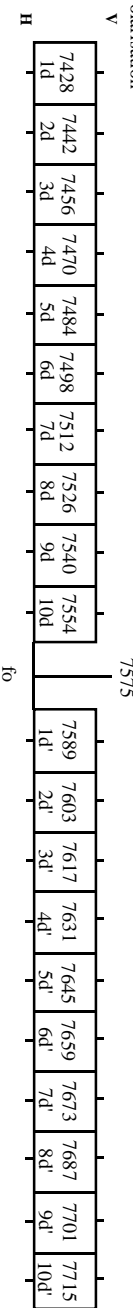
Channel Arrangement (ch. width 7 MHz)

Polarisation



Channel Arrangement (ch. width 14 MHz)

Polarisation



8.275 - 8.500 GHz

RR Allocation

8275	8400	8500
EARTH EXPLORATION-SATELLITE (sp-to-E), FIXED, FIXED-SATELLITE (E-to-sp), MOBILE		FIXED, MOBILE except aeronautical mobile, SPACE RESEARCH (sp-to-E)

8275

8400

8500 MHz

HK Allocation

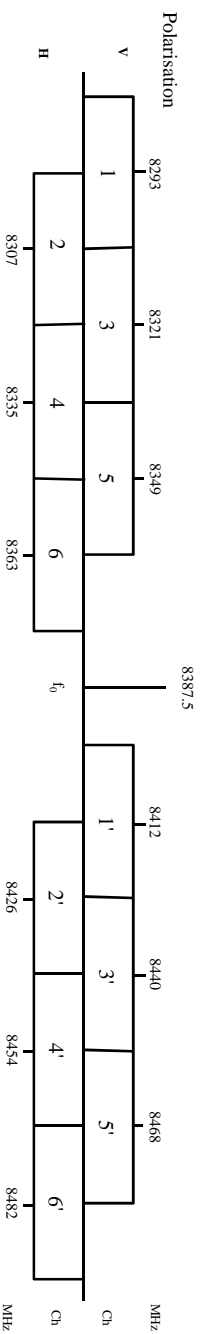
EARTH EXPLORATION-SATELLITE (sp-to-E), FIXED		FIXED
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8275

8400

8500 MHz

Channel arrangement (ch. width 28 MHz)



10.15 - 10.3 GHz

RR Allocation



10.15

10.3 GHz

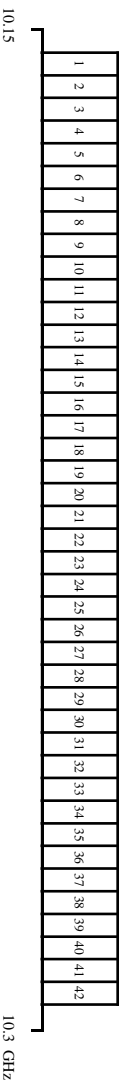
HK Allocation



10.15

10.3 GHz

Paired Channels (CEPT/ERC Rec. 12-05E)
Channel Arrangement in Lower Block (ch. width 3.5 MHz)



10.5 - 10.68 GHz

RR Allocation



10.5

10.55

10.6

10.68 GHz

HK Allocation

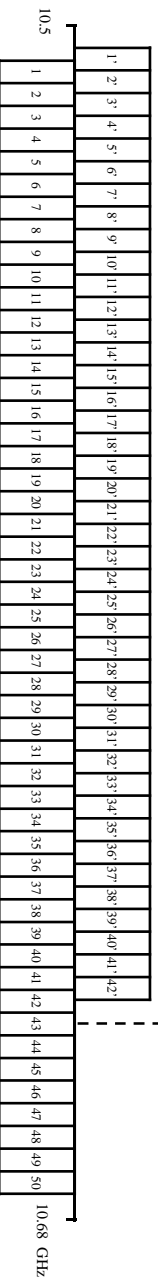


10.5

10.65

10.68 GHz

Paired Channels (CEPT/ERC Rec. 12-05E)
Channel Arrangement in Upper Block (ch. width 3.5 MHz)



Interleaved SFX Channels (Rec. ITU-R F.747-1)
Channel Arrangement (ch. width 3.5 MHz)

Paired Channels (CEPT/ERC Rec. 12-05E)
 $f_n = 10,148,75 + 3,5n$ MHz
 $f_n = 10,498,75 + 3,5n$ MHz
 $n = 1, 2, \dots, 42$

Interleaved SFX Channels (Rec. ITU-R F.747-1)
 $f_m = 10,500,5 + 3,5m$ MHz
 $m = 1, 2, \dots, 50$

10.7 - 11.7 GHz

(Rec. ITU-R F.387-12)

RR Allocation

FIXED, FIXED-SATELLITE (sp-to-E), MOBILE except aeronautical mobile

10.7

11.7 GHz

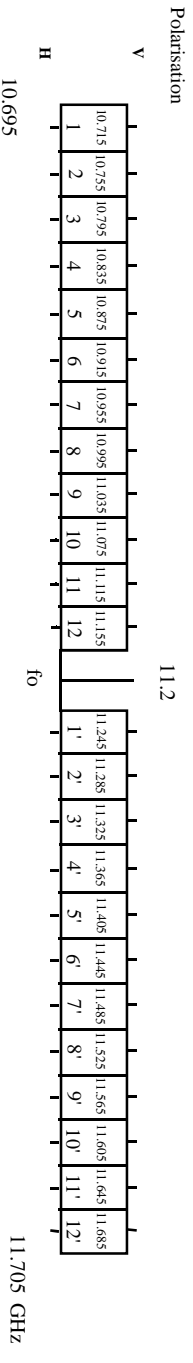
HK Allocation

FIXED, FIXED-SATELLITE (sp-to-E)

10.7

11.7 GHz

Channel Arrangement (ch. width 40 MHz)



12.75 - 13.25 GHz

(Rec. ITU-R F.497-7)

RR Allocation

FIXED, FIXED-SATELLITE (E-to-sp), MOBILE, Space research (deep space)(sp-to-E)

12.75

13.25 GHz

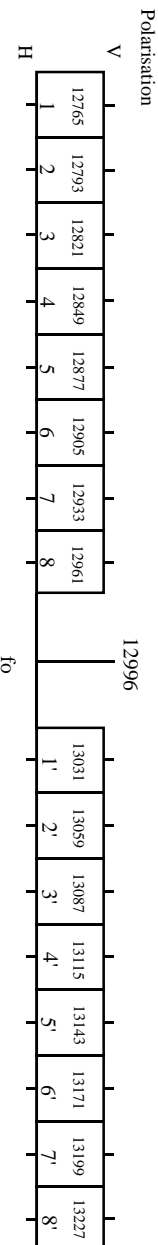
HK Allocation

FIXED, FIXED-SATELLITE (E-to-sp), MOBILE

12.75

13.25 GHz

Channel Arrangement (ch. width 28 MHz)



14.4 - 15.35 GHz

(Rec. ITU-R F.636-4)

RR Allocation

14.4	14.47	14.50	14.80	15.35 GHz
FIXED, FIXED-SAT. (E-to-sp), MOBILE except aeri, mobile, Mobile-satellite (E-to-sp), Space research (sp-to-E)	FIXED, FIXED-SAT. (E-to-sp), MOBILE except aeri, mobile, Mobile-satellite (E-to-sp), Radio astronomy	FIXED, FIXED-SATELLITE (E-to-sp), MOBILE, Space research	FIXED, MOBILE, Space research	
←		not to scale		→

HK Allocation

14.4	14.50	14.80	15.35 GHz
FIXED, FIXED-SATELLITE (E-to-sp), Mobile-satellite (E-to-sp)	FIXED, FIXED-SATELLITE (E-to-sp), MOBILE	FIXED, MOBILE	

Channel Arrangement (ch. width 28 MHz)

14.417	14.445	14.473	14.501	14.529	14.557	14.585	14.613	14.641	14.669	14.697	14.725	14.753	14.781	14.809	14.837	14.872	14.907	14.935	14.963	14.991	15.019	15.047	15.075	15.103	15.131	15.159	15.187	15.215	15.243	15.271	15.299	15.327	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	
																14.403																	15.341 GHz

17.7 - 19.7 GHz

(Rec. ITU-R F.595-10)

RR Allocation

17.7	18.4	18.6	18.8	19.3	19.7 GHz
FIXED, FIXED-SATELLITE (sp-to-E) (E-to-sp), MOBILE	FIXED, FIXED-SATELLITE (sp-to-E)	EXPERIMENTATION FIXED, FIXED-SATELLITE (sp-to-E), MOBILE Research (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E), MOBILE	FIXED, FIXED-SATELLITE (sp-to-E) (E-to-sp), MOBILE	

HK Allocation

17.7	18.4	18.6	18.8	19.3	19.7 GHz
FIXED, FIXED-SATELLITE (sp-to-E) (E-to-sp)	FIXED, FIXED-SATELLITE (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E)	FIXED, FIXED-SATELLITE (sp-to-E)	

Channel Arrangement (ch. width 27.5 MHz)

17.7550	17.7825	17.8100	17.8375	17.8650	17.8925	17.9200	17.9475	17.9750	18.0025	18.0300	18.0575	18.0850	18.1125	18.1400	18.1675	18.1950	18.2225	18.2500	18.2775	18.3050	18.3325	18.3600	18.3875	18.4150	18.4425	18.4700	18.4975	18.5250	18.5525	18.5800	18.6075	18.6350	18.6625	18.6900	18.7175	18.7450	18.7725	18.8000	18.8275	18.8550	18.8825	18.9100	18.9375	18.9650	18.9925	19.0200	19.0475	19.0750	19.1025	19.1300	19.1575	19.1850	19.2125	19.2400	19.2675	19.2950	19.3225	19.3500	19.3775	19.4050	19.4325	19.4600	19.4875	19.5150	19.5425	19.5700	19.5975	19.6250	19.6525	19.6800	19.7075	19.7350	19.7625	19.7900	19.8175	19.8450	19.8725	19.9000	19.9275	19.9550	19.9825	20.0100	20.0375	20.0650	20.0925	20.1200	20.1475	20.1750	20.2025	20.2300	20.2575	20.2850	20.3125	20.3400	20.3675	20.3950	20.4225	20.4500	20.4775	20.5050	20.5325	20.5600	20.5875	20.6150	20.6425	20.6700	20.6975	20.7250	20.7525	20.7800	20.8075	20.8350	20.8625	20.8900	20.9175	20.9450	20.9725	20.0000	20.0275	20.0550	20.0825	20.1100	20.1375	20.1650	20.1925	20.2200	20.2475	20.2750	20.3025	20.3300	20.3575	20.3850	20.4125	20.4400	20.4675	20.4950	20.5225	20.5500	20.5775	20.6050	20.6325	20.6600	20.6875	20.7150	20.7425	20.7700	20.7975	20.8250	20.8525	20.8800	20.9075	20.9350	20.9625	20.9900	21.0175	21.0450	21.0725	21.1000	21.1275	21.1550	21.1825	21.2100	21.2375	21.2650	21.2925	21.3200	21.3475	21.3750	21.4025	21.4300	21.4575	21.4850	21.5125	21.5400	21.5675	21.5950	21.6225	21.6500	21.6775	21.7050	21.7325	21.7600	21.7875	21.8150	21.8425	21.8700	21.8975	21.9250	21.9525	21.9800	22.0075	22.0350	22.0625	22.0900	22.1175	22.1450	22.1725	22.2000	22.2275	22.2550	22.2825	22.3100	22.3375	22.3650	22.3925	22.4200	22.4475	22.4750	22.5025	22.5300	22.5575	22.5850	22.6125	22.6400	22.6675	22.6950	22.7225	22.7500	22.7775	22.8050	22.8325	22.8600	22.8875	22.9150	22.9425	22.9700	23.0000	23.0300	23.0600	23.0900	23.1200	23.1500	23.1800	23.2100	23.2400	23.2700	23.3000	23.3300	23.3600	23.3900	23.4200	23.4500	23.4800	23.5100	23.5400	23.5700	23.6000	23.6300	23.6600	23.6900	23.7200	23.7500	23.7800	23.8100	23.8400	23.8700	23.9000	23.9300	23.9600	23.9900	24.0200	24.0500	24.0800	24.1100	24.1400	24.1700	24.2000	24.2300	24.2600	24.2900	24.3200	24.3500	24.3800	24.4100	24.4400	24.4700	24.5000	24.5300	24.5600	24.5900	24.6200	24.6500	24.6800	24.7100	24.7400	24.7700	24.8000	24.8300	24.8600	24.8900	24.9200	24.9500	24.9800	25.0100	25.0400	25.0700	25.1000	25.1300	25.1600	25.1900	25.2200	25.2500	25.2800	25.3100	25.3400	25.3700	25.4000	25.4300	25.4600	25.4900	25.5200	25.5500	25.5800	25.6100	25.6400	25.6700	25.7000	25.7300	25.7600	25.7900	25.8200	25.8500	25.8800	25.9100	25.9400	25.9700	26.0000	26.0300	26.0600	26.0900	26.1200	26.1500	26.1800	26.2100	26.2400	26.2700	26.3000	26.3300	26.3600	26.3900	26.4200	26.4500	26.4800	26.5100	26.5400	26.5700	26.6000	26.6300	26.6600	26.6900	26.7200	26.7500	26.7800	26.8100	26.8400	26.8700	26.9000	26.9300	26.9600	26.9900	27.0200	27.0500	27.0800	27.1100	27.1400	27.1700	27.2000	27.2300	27.2600	27.2900	27.3200	27.3500	27.3800	27.4100	27.4400	27.4700	27.5000	27.5300	27.5600	27.5900	27.6200	27.6500	27.6800	27.7100	27.7400	27.7700	27.8000	27.8300	27.8600	27.8900	27.9200	27.9500	27.9800	28.0100	28.0400	28.0700	28.1000	28.1300	28.1600	28.1900	28.2200	28.2500	28.2800	28.3100	28.3400	28.3700	28.4000	28.4300	28.4600	28.4900	28.5200	28.5500	28.5800	28.6100	28.6400	28.6700	28.7000	28.7300	28.7600	28.7900	28.8200	28.8500	28.8800	28.9100	28.9400	28.9700	29.0000	29.0300	29.0600	29.0900	29.1200	29.1500	29.1800	29.2100	29.2400	29.2700	29.3000	29.3300	29.3600	29.3900	29.4200	29.4500	29.4800	29.5100	29.5400	29.5700	29.6000	29.6300	29.6600	29.6900	29.7200	29.7500	29.7800	29.8100	29.8400	29.8700	29.9000	29.9300	29.9600	29.9900	30.0200	30.0500	30.0800	30.1100	30.1400	30.1700	30.2000	30.2300	30.2600	30.2900	30.3200	30.3500	30.3800	30.4100	30.4400	30.4700	30.5000	30.5300	30.5600	30.5900	30.6200	30.6500	30.6800	30.7100	30.7400	30.7700	30.8000	30.8300	30.8600	30.8900	30.9200	30.9500	30.9800	31.0100	31.0400	31.0700	31.1000	31.1300	31.1600	31.1900	31.2200	31.2500	31.2800	31.3100	31.3400	31.3700	31.4000	31.4300	31.4600	31.4900	31.5200	31.5500	31.5800	31.6100	31.6400	31.6700	31.7000	31.7300	31.7600	31.7900	31.8200	31.8500	31.8800	31.9100	31.9400	31.9700	32.0000	32.0300	32.0600	32.0900	32.1200	32.1500	32.1800	32.2100	32.2400	32.2700	32.3000	32.3300	32.3600	32.3900	32.4200	32.4500	32.4800	32.5100	32.5400	32.5700	32.6000	32.6300	32.6600	32.6900	32.7200	32.7500	32.7800	32.8100	32.8400	32.8700	32.9000	32.9300	32.9600	32.9900	33.0200	33.0500	33.0800	33.1100	33.1400	33.1700	33.2000	33.2300	33.2600	33.2900	33.3200	33.3500	33.3800	33.4100	33.4400	33.4700	33.5000	33.5300	33.5600	33.5900	33.6200	33.6500	33.6800	33.7100	33.7400	33.7700	33.8000	33.8300	33.8600	33.8900	33.9200	33.9500	33.9800	34.0100	34.0400	34.0700	34.1000	34.1300	34.1600	34.1900	34.2200	34.2500	34.2800	34.3100	34.3400	34.3700	34.4000	34.4300	34.4600	34.4900	34.5200	34.5500	34.5800	34.6100	34.6400	34.6700	34.7000	34.7300	34.7600	34.7900	34.8200	34.8500	34.8800	34.9100	34.9400	34.9700	35.0000	35.0300	35.0600	35.0900	35.1200	35.1500	35.1800	35.2100	35.2400	35.2700	35.3000	35.3300	35.3600	35.3900	35.4200	35.4500	35.4800	35.5100	35.5400	35.5700	35.6000	35.6300	35.6600	35.6900	35.7200	35.7500	35.7800	35.8100	35.8400	35.8700	35.9000	35.9300	35.9600	35.9900	36.0200	36.0500	36.0800	36.1100	36.1400	36.1700	36.2000	36.2300	36.2600	36.2900	36.3200	36.3500	36.3800	36.4100	36.4400	36.4700	36.5000	36.5300	36.5600	36.5900	36.6200	36.6500	36.6800	36.7100	36.7400	36.7700	36.8000	36.8300	36.8600	36.8900	36.9200	36.9500	36.9800	37.0100	37.0400	37.0700	37.1000	37.1300	37.1600	37.1900	37.2200	37.2500	37.2800	37.3100	37.3400	37.3700	37.4000	37.4300	37.4600	37.4900	37.5200	37.5500	37.5800	37.6100	37.6400	37.6700	37.7000	37.7300	37.7600	37.7900	37.8200	37.8500	37.8800	37.9100	37.9400	37.9700	38.0000	38.0300	38.0600	38.0900	38.1200	38.1500	38.1800	38.2100	38.2400	38.2700	38.3000	38.3300	38.3600	38.3900	38.4200	38.4500	38.4800	38.5100	38.5400	38.5700	38.6000	38.6300	38.6600	38.6900	38.7200	38.7500	38.7800	38.8100	38.8400	38.8700	38.9000	38.9300	38.9600	38.9900	39.0200	39.0500	39.0800	39.1100	39.1400	39.1700	39.2000	39.2300	39.2600	39.2900	39.3200	39.3500	39.3800	39.4100	39.4400	39.4700	39.5000	39.5300	39.5600	39.5900	39.6200	39.6500	39.6800	39.7100	39.7400	39.7700	39.8000	39.8300	39.8600	39.8900	39.9200	39.9500	39.9800	40.0100	40.0400	40.0700	40.1000	40.1300	40.1600	40.1900	40.2200	40.2500	40.2800	40.3100	40.3400	40.3700	40.4000	40.4300	40.4600	40.4900	40.5200	40.5500	40.5800	40.6100	40.6400	40.6700	40.7000	40.7300	40.7600	40.7900	40.8200	40.8500	40.8800	40.9100	40.9400	40.9700	41.0000	41.0300	41.0600	41.0900	41.1200	41.1500	41.1800	41.2100	41.2400	41.2700	41.3000	41.3300	41.3600	41.3900	41.4200	41.4500	41.4800	41.5100	41.5400	41.5700	41.6000	41.6300	41.6600	41.6900	41.7200	41.7500
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21 - 23 GHz

(Rec. ITU-R F.637-4)

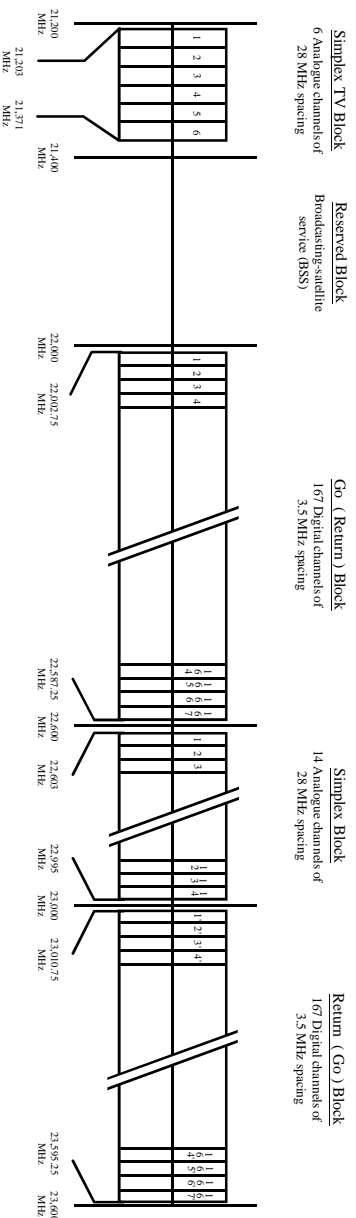
RR Allocation

21.2	21.4	22.0	22.21	22.5	22.55	23.15	23.55	23.6 GHz
EARTH EXPLORATION-SATELLITE (PASSIVE), FIXED, MOBILE, SPACE RESEARCH (PASSIVE)	FIXED, MOBILE, BROADCASTING-SATELLITE	FIXED, MOBILE except aeronautical mobile	EARTH EXPLORATION-SAT (PASSIVE), FIXED, MOBILE except aeronautical mobile, RADIO ASTRONOMY, SPACE RESEARCH (PASSIVE)	FIXED, MOBILE	FIXED, INTER-SATELLITE, MOBILE, SPACE RESEARCH (E-10-SP)	FIXED, INTER-SATELLITE, MOBILE	FIXED, MOBILE	

HK Allocation

21.2	21.4	22.0			23.6 GHz
FIXED	BROADCASTING-SATELLITE	FIXED			

Frequency Blocks



Annex II-6

Assignment of 3.5 MHz channels		$f_m = 22,001 + 3,5m$ (MHz)	$f_m' = 23,009 + 3,5m$ (MHz)
		$m = 1, 2, 3, \dots, 167$	$m = 1, 2, 3, \dots, 167$
Assignment of 7 MHz channels		$f_n = 22,004,5 + 7n$ (MHz)	$f_n' = 23,012,5 + 7n$ (MHz)
		$n = 1, 2, 3, \dots, 83$	$n = 1, 2, 3, \dots, 83$
Assignment of 14 MHz channels		$f_p = 22,001 + 14p$ (MHz)	$f_p' = 23,009 + 14p$ (MHz)
		$p = 1, 2, 3, \dots, 41$	$p = 1, 2, 3, \dots, 41$
Assignment of 28 MHz channels		$f_s = 21,189 + 28s$	$f_s' = 23,002 + 28q$ (MHz)
		$s = 1, 2, \dots, 6$	$q = 1, 2, 3, \dots, 20$
		$f_q = 21,994 + 28q$ (MHz)	$f_t' = 22,589 + 28t$
		$q = 1, 2, 3, \dots, 20$	$t = 1, 2, \dots, 14$

26 GHz

(Rec. ITU-R F.748-4)

RR Allocation

FIXED INTER-SATELLITE MOBILE RADIONAVIGATION	FIXED FIXED-SATELLITE INTER-SATELLITE MOBILE	FIXED FIXED-SATELLITE MOBILE	FIXED INTER-SATELLITE MOBILE Standard frequency and time-signal-satellite (Earth-to-space)	EARTH EXPLORATION SATELLITE (space-to-Earth) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (space-to-Earth) Standard frequency and time-signal-satellite (Earth-to-space)
24.45	24.65	24.75	25.25	25.50

27.00 GHz

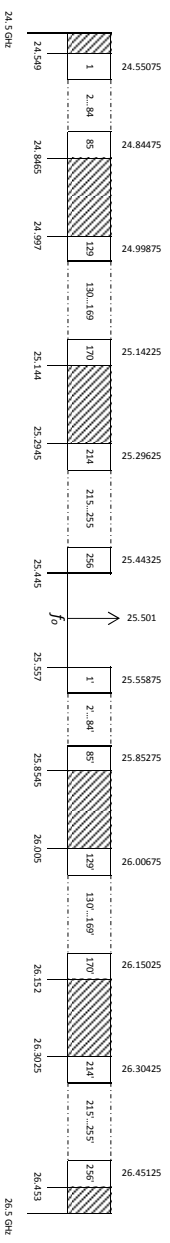
HK Allocation

FIXED RADIONAVIGATION	FIXED	FIXED FIXED-SATELLITE (Earth-to-space)	FIXED
24.45	24.65	24.75	25.25

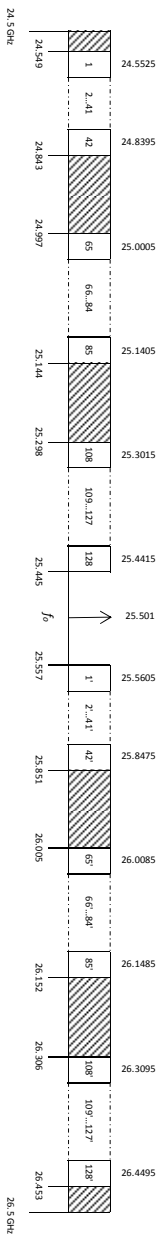
27.00 GHz

Channel Arrangement

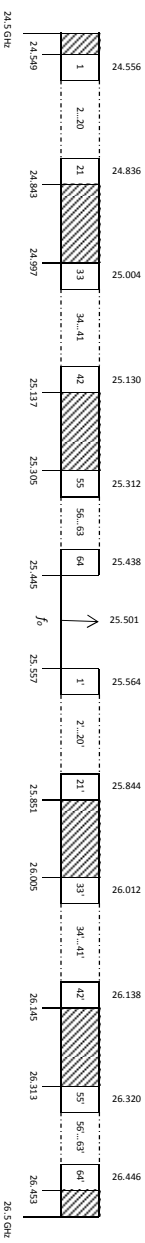
Assignment of 3.5 MHz channels



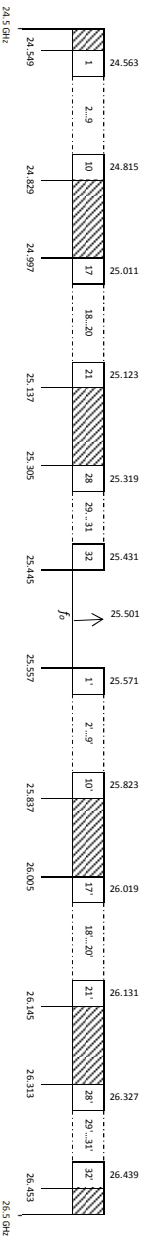
Assignment of 7 MHz channels



Assignment of 14 MHz channels



Assignment of 28 MHz channels



Centre Frequency (MHz)

$$f_n = f_0 - 953.75 + 3.5n$$

$$f'_n = f_0 + 54.25 + 3.5n$$

where $n=1, 2, 3, \dots, 85, 129, 130, 131, \dots, 170, 214, 215, 216, \dots, 256$

$$f_n = f_0 - 955.5 + 7n$$

$$f'_n = f_0 + 52.5 + 7n$$

where $n=1, 2, 3, \dots, 42, 65, 66, 67, \dots, 85, 108, 109, 110, \dots, 128$

$$f_n = f_0 - 959 + 14n$$

$$f'_n = f_0 + 49 + 14n$$

where $n=1, 2, 3, \dots, 21, 33, 34, 35, \dots, 42, 55, 56, 57, \dots, 64$

$$f_n = f_0 - 966 + 28n$$

$$f'_n = f_0 + 42 + 28n$$

where $n=1, 2, 3, \dots, 10, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32$

$$f_0 = 25501$$

38 GHz

(Rec. ITU-R F.749-3)

RR Allocation

FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth)
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37

37.5

38

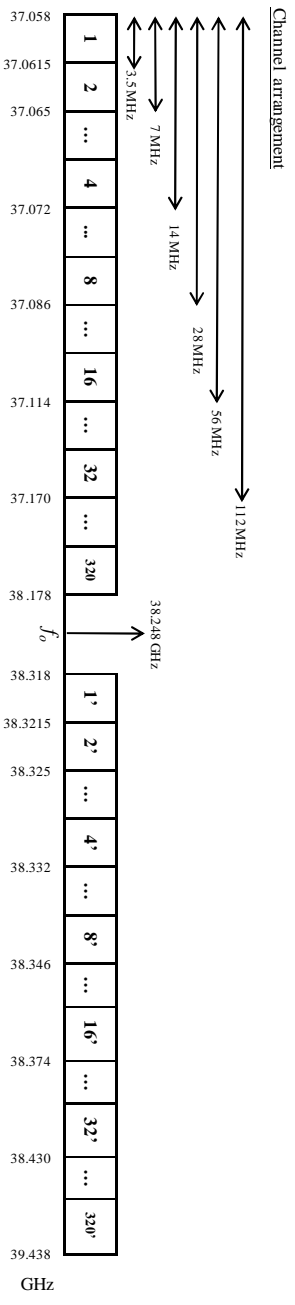
39.5 GHz

HK Allocation

FIXED

37

39.5 GHz



Annex II-8

	Centre Frequency (MHz)	
Assignment of 3.5 MHz channels	$f_n = f_o - 1191.75 + 3.5n$ where $n=1, 2, 3, \dots, 320$	$f'_n = f_o + 68.25 + 3.5n$ where $n=1, 2, 3, \dots, 320$
Assignment of 7 MHz channels	$f_n = f_o - 1193.5 + 7n$ where $n=1, 2, 3, \dots, 160$	$f'_n = f_o + 66.5 + 7n$ where $n=1, 2, 3, \dots, 160$
Assignment of 14 MHz channels	$f_n = f_o - 1197 + 14n$ where $n=1, 2, 3, \dots, 80$	$f'_n = f_o + 63 + 14n$ where $n=1, 2, 3, \dots, 80$
Assignment of 28 MHz channels	$f_n = f_o - 1204 + 28n$ where $n=1, 2, 3, \dots, 40$	$f'_n = f_o + 56 + 28n$ where $n=1, 2, 3, \dots, 40$
Assignment of 56 MHz channels	$f_n = f_o - 1218 + 56n$ where $n=1, 2, 3, \dots, 20$	$f'_n = f_o + 42 + 56n$ where $n=1, 2, 3, \dots, 20$
Assignment of 112 MHz channels	$f_n = f_o - 1246 + 112n$ where $n=1, 2, 3, \dots, 10$	$f'_n = f_o + 14 + 112n$ where $n=1, 2, 3, \dots, 10$

$$f_o = 38\,248$$