

# Frequency Table for Television Broadcasting Services in Hong Kong

## (A) Analogue Terrestrial Television

Television Transmitter Location	Television Services / Transmit Frequencies												ERP (W)	Pol	Offset
	Jade			Pearl			RTHK TV 31A			RTHK TV 33A					
	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)			
Temple Hill	21	471.25	477.25	25	503.25	509.25	23	487.25	493.25	27	519.25	525.25	10,000	H	0 fl NP
Castle Peak	34	575.25	581.25	38	607.25	613.25	42	639.25	645.25	44	655.25	661.25	1,000	H	+5/3 fl NP
Kowloon Peak	34	575.25	581.25	38	607.25	613.25	42	639.25	645.25	44	655.25	661.25	1,000	H	-5/3 fl NP
Golden Hill	33	567.25	573.25	39	615.25	621.25	43	647.25	653.25	45	663.25	669.25	1,000	H	0 fl NP
Cloudy Hill	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	1,000	H	0 fl NP
Lamma Island	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	1,500	V	-5/3 fl NP
Brick Hill	33	567.25	573.25	39	615.25	621.25	43	647.25	653.25	45	663.25	669.25	100	H	+5/3 fl NP
Chai Wan	48	687.25	693.25	50	703.25	709.25	52	719.25	725.25	54	735.25	741.25	100	H	+5/3 fl NP
Mt. Nicholson	48	687.25	693.25	50	703.25	709.25	52	719.25	725.25	54	735.25	741.25	100	V	-5/3 fl NP
Piper's Hill	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	100	H	+5/3 fl NP
Hill 374 Yuen Long	22	479.25	485.25	30	543.25	549.25	24	495.25	501.25	32	559.25	565.25	50	V	0 fl NP
Stanley	34	575.25	581.25	38	607.25	613.25	42	639.25	645.25	44	655.25	661.25	100	H	0 fl NP
Pottinger Peak	33	567.25	573.25	39	615.25	621.25	43	647.25	653.25	45	663.25	669.25	100	H	+5/3 fl NP
Chiu Keng Wan Shan	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	0.5	H	0 fl NP
Robin's Nest	48	687.25	693.25	38	607.25	613.25	57	759.25	765.25	54	735.25	741.25	100	V	0 fl NP
Beacon Hill	48	687.25	693.25	50	703.25	709.25	52	719.25	725.25	54	735.25	741.25	2	H	0 fl NP

Television Transmitter Location	Television Services / Transmit Frequencies												ERP (W)	Pol	Offset
	Jade			Pearl			RTHK TV 31A			RTHK TV 33A					
	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)			
Hill 275 Lantau	48	687.25	693.25	50	703.25	709.25	52	719.25	725.25	54	735.25	741.25	10	H	0 fl NP
Shek Pik	34	575.25	581.25	38	607.25	613.25	42	639.25	645.25	44	655.25	661.25	1	V	--
Wang Chau	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	0.1	H	--
Hong Lok Yuen	33	567.25	573.25	39	615.25	621.25	43	647.25	653.25	45	663.25	669.25	0.1	H	--
Shek Kong	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	2	V	-5/3 fl NP
Sheung Yeung Shan	48	687.25	693.25	50	703.25	709.25	52	719.25	725.25	54	735.25	741.25	6	V	+1/12 fl NP
Hill 297 Yuen Long	48	687.25	693.25	50	703.25	709.25	57	759.25	765.25	54	735.25	741.25	2	H	-5/3 fl NP
Hill 141 Tai Lam Chung	48	687.25	693.25	39	615.25	621.25	52	719.25	725.25	54	735.25	741.25	2	V	+5/3 fl NP
Tai Po Tsai	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	0.5	V	-5/3 fl NP
Tsuen Wan	26	511.25	517.25	36	591.25	597.25	41	631.25	637.25	60	783.25	789.25	1	V	0 fl NP
Tai O	33	567.25	573.25	49	695.25	701.25	39	615.25	621.25	55	743.25	749.25	7	V	-5/3 fl NP
Pokfulam	33	567.25	573.25	--			39	615.25	621.25	--			0.25	V	-5/3 fl NP
Tui Min Hoi Sai Kung	24	495.25	501.25	30	543.25	549.25	26	511.25	517.25	57	759.25	765.25	2	V	0 fl NP
Sham Tseng	41	631.25	637.25	60	783.25	789.25	26	511.25	517.25	57	759.25	765.25	0.5	V	0 fl NP
Lam Tei	32	559.25	565.25	--			58	767.25	773.25	--			0.1	V	-5/3 fl NP
Ying Pun	39	615.25	621.25	45	663.25	669.25	26	511.25	517.25	33	567.25	573.25	4	V	-6/12 fl NP
Tsing Yi	57	759.25	765.25	24	495.25	501.25	60	783.25	789.25	30	543.25	549.25	1	V	-6/12 fl NP

Television Transmitter Location	Television Services / Transmit Frequencies												ERP (W)	Pol	Offset
	Jade			Pearl			RTHK TV 31A			RTHK TV 33A					
	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)	TV CH	Vision Frequency (MHz)	Sound Frequency (MHz)			
Tseung Kwan O Village	22	479.25	485.25	28	527.25	533.25	30	543.25	549.25	40	623.25	629.25	0.3	V	0 fl NP
Hang Hau Village	26	511.25	517.25	58	767.25	773.25	24	495.25	501.25	56	751.25	757.25	0.3	V	-6/12 fl NP
Tuen Mun	39	615.25	621.25	50	703.25	709.25	45	663.25	669.25	52	719.25	725.25	0.4	V	+6/12 fl NP
Tung Chung	45	663.25	669.25	52	719.25	725.25	26	511.25	517.25	50	703.25	709.25	1	V	+6/12 fl NP
Fu Tei	22	479.25	485.25	26	511.25	517.25	24	495.25	501.25	48	687.25	693.25	1	V	+6/12 fl NP
Central & Western District (YWCA)	26	511.25	517.25	57	759.25	765.25	30	543.25	549.25	60	783.25	789.25	5	V	+5/3 fl NP
Kau Wa Keng	28	527.25	533.25	58	767.25	773.25	32	559.25	565.25	56	751.25	757.25	1	V	+6/12 fl NP
Cheung Chau	32	559.25	565.25	60	783.25	789.25	26	511.25	517.25	56	751.25	757.25	20	V	0 fl NP
Tai Pak Tin Kwai Chung	51	711.25	717.25	55	743.25	749.25	49	695.25	701.25	53	727.25	733.25	2	V	0 fl NP
Pan Chung Tsuen Tai Po	28	527.25	533.25	40	623.25	629.25	48	687.25	693.25	58	767.25	773.25	0.04	V	--
Yoho Town	26	511.25	517.25	33	567.25	573.25	39	615.25	621.25	45	663.25	669.25	0.3	V	--
Cha Kwo Ling	36	591.25	597.25	60	783.25	789.25	41	631.25	637.25	57	759.25	765.25	10	V	+2/12 fl NP
Aberdeen	28	527.25	533.25	46	671.25	677.25	40	623.25	629.25	58	767.25	773.25	10	V	0 fl NP
Sha Tau Kok Fire Station	49	695.25	701.25	51	711.25	717.25	53	727.25	733.25	55	743.25	749.25	1	H	--
Lung Tin Tsuen Yuen Long	36	591.25	597.25	58	767.25	773.25	41	631.25	637.25	60	783.25	789.25	0.5	H	--

**(B) Digital Terrestrial Television**

Television Transmitter Location	Television Services / Transmit Frequencies						ERP(W)	Pol	Offset
	81. Jade 96. ViuTVsix 99. ViuTV		82. J2 Channel 83. TVB News 84. Pearl 85. TVB Finance		31. RTHK TV 31 32. RTHK TV 32 33. RTHK TV 33				
	TV CH	Centre Frequency (MHz)	TV CH	Centre Frequency (MHz)	TV CH	Centre Frequency (MHz)			
Temple Hill	22	482.00	35	586.00	62	802.00	1,000	H	0 MHz
Castle Peak	43	650.00					320	H	
Kowloon Peak	32	562.00					320	H^	
Golden Hill	40	626.00					320	H	
Cloudy Hill	30	546.00					1,000	H	
Lamma Island	30	546.00					150	V	
Mt. Nicholson	41	634.00					100	V	
Sai Wan Shan (Chai Wan)	28	530.00					100	H	
Brick Hill	26	514.00					100	H	
Pottinger Peak	56	754.00					100	H	
Stanley	36	594.00					100	H	
Hill 374 (Yuen Long)	28	530.00					50	V	
Beacon Hill	58	770.00					2	H	
Piper's Hill	59*	778.00					10	H	

Television Transmitter Location	Television Services / Transmit Frequencies						ERP(W)	Pol	Offset
	81. Jade 96. ViuTVsix 99. ViuTV		82. J2 Channel 83. TVB News 84. Pearl 85. TVB Finance		31. RTHK TV 31 32. RTHK TV 32 33. RTHK TV 33				
	TV CH	Centre Frequency (MHz)	TV CH	Centre Frequency (MHz)	TV CH	Centre Frequency (MHz)			
Tung Chung	58	770.00	35	586.00	62	802.00	1	V	0 MHz
Tai Po Tsai	40	626.00					0.5	V	
Hill 297 (Yuen Long)	56	754.00					4	H	
Hill 275 (Lantau Island)	24**	498.00					10	H	
Chiu Keng Wan Shan	28	530.00					0.5	H	
Robin's Nest	36	594.00			100	V			
Cheung Chau	58***	770.00			20	V			
Hill 141 (Tai Lam Chung)	32	562.00			2	V			
Tai O	52	722.00			20	V			
Sheung Yeung Shan	59	778.00			6	V			
Aberdeen	26	514.00			1	V			
Kau Wa Keng	40	626.00			1	V			
Ying Pun	43	650.00			4	V			

Television Transmitter Location	Television Services / Transmit Frequencies						ERP(W)	Pol	Offset
	81. Jade 96. ViuTVsix 99. ViuTV		82. J2 Channel 83. TVB News 84. Pearl 85. TVB Finance		31. RTHK TV 31 32. RTHK TV 32 33. RTHK TV 33				
	TV CH	Centre Frequency (MHz)	TV CH	Centre Frequency (MHz)	TV CH	Centre Frequency (MHz)			
Sham Tseng	24	498.00	35	586.00			0.5	V	0 MHz
Pok Fu Lam	30	546.00					0.25	V	
Ma Wan	52	722.00					1	V	

\* ERP of TV CH 59 of Piper's Hill is 100 W.

\*\* ERP of TV CH 24 of Hill 275 (Lantau Island) is 20 W.

\*\*\* ERP of TV CH 58 of Cheung Chau is 63 W.

^ Kowloon Peak DTT Station has two transmitting antenna beams: eastern beam (pointing towards Sai Kung and Tsueng Kwan O) is transmitting at 320 W ERP with horizontal polarisation and southern beam (pointing towards Kwun Tong and Shau Kei Wan) is transmitting at 8 W ERP with vertical polarisation.

**Note of abbreviation:**

ERP	Effective radiated power	Pol	Polarisation
fl	Line frequency	TV CH	Television channel number
H	Horizontal polarisation	V	Vertical polarisation
NP	Non-precision offset		

Updated on 29 November 2017