

RADIO SPECTRUM AND TECHNICAL STANDARDS
ADVISORY COMMITTEE

Minutes of the Thirty-second Meeting
held at 2:30 p.m., Friday, 18 July 2025
in Conference Room 2020, 20/F Wu Chung House, Wan Chai

Present

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| Mr Wilson Lee | Chairman (OFCA staff) |
| Mr Brian Chan | Representative of VNET Group Limited |
| Mr Desmond Chan | Representative of Hong Kong Broadband Network Limited / HKBN Enterprise Solutions Limited / HKBN Enterprise Solutions HK Limited |
| Mr Henry C H Chan | Representative of Hutchison Telephone Company Limited / Genius Brand Limited |
| Mr Henry H W Chan | Representative of Independent Commission Against Corruption |
| Ir John Chan | Representative of the Hong Kong Institution of Engineers |
| Mr S P Chan | Ad Personam |
| Mr Samuel Chau | Representative of ComNet Telecom (HK) Limited |
| Mr Jan Cheung | Representative of Consumer Council |
| Mr Carey Chow | Representative of Hong Kong Commercial Broadcasting Company Limited |
| Mr Stephen Chow | Representative of Television Broadcasts Limited |
| Ms C K Chu | Representative of Radio Television Hong Kong |
| Mr Kevin Chu | Representative of HK Television Entertainment Company Limited / Now TV Limited |
| Mr K C Fung | Representative of Unified Carrier (External Fixed Services) Licensees as a group |
| Mr C H Heung | Representative of Localised Wireless Broadband Service / Public Radiocommunications Service / Wireless Internet of Things Licensees as a group |
| Mr Andrew Hui | Representative of Hong Kong Telecommunications (HKT) Limited / PCCW-HKT Telephone Limited and Hong Kong Telecommunications (HKT) Limited / PCCW Global (HK) Limited / Console Connect (HK) Limited / HKT Global Operation (HK) Limited |
| Mr H C Hung | Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group |
| Mr S M Ko | Representative of Metro Broadcast Corporation Limited |
| Mr Allan Kwan | Representative of HK Television Entertainment Company Limited / Now TV Limited |

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| Mr Voller Lam | Representative of HGC Global Communications Limited |
| Mr W T Lam | Representative of Hong Kong Productivity Council |
| Mr Dennis Lau | Representative of SmarTone Mobile Communications Limited / SmarTone Communications Limited |
| Dr Tony Lee | Representative of the Institution of Engineering and Technology Hong Kong |
| Mr M K Li | Representative of Local Certification Bodies as a group |
| Mr Karson Ng | Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group |
| Mr W K Shiu | Representative of Hong Kong Police Force |
| Mr Johnny Siu | Representative of Amateur Radio Societies as a group |
| Dr K F Tsang | Representative of the Institution of Engineering and Technology Hong Kong |
| Ms Vicky Wong | Representative of Asia Satellite Telecommunications Company Limited |
| Mr Man Yuen | Representative of Television Broadcasts Limited |
| Mr Ivan Chan | Secretary (OFCA staff) |

Absent with Apologies

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| Mr Raymond Chan | Representative of i-Cable HOY Limited |
| Mr Xun Chen | Representative of APT Satellite Company Limited |
| Mr Yun Chen | Representative of APSTAR Alliance Satcom Limited |
| Dr X J Cheng | Representative of Services-based Operator (MVNO and ETS Operators only) Licensees as a group |
| Prof Lin Dai | Ad Personam |
| Mr K L Ho | Representative of Local Industry Associations as a group |
| Dr Jun Du | Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group |
| Mr K H Lau | Representative of Civil Aviation Department |
| Mr Michael Lee | Representative of EU ICT Council in Hong Kong and Macau |
| Mr Q L Xie | Representative of China Mobile Hong Kong Company Limited |

In Attendance

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| Mr Ken Sit | OFCA staff |
| Mr Charles Chow | OFCA staff |
| Ms Kim Cheung | OFCA staff |
| Mr Gary Lam | OFCA staff |
| Ms Andrea Lau | OFCA staff |
| Mr Brian Lee | OFCA staff |
| Mr Kenneth Leung | OFCA staff |
| Mr Jack Yip | OFCA staff |

Observer

Mr You Zhou

Representative of Carrier Licensees not providing
Domestic Retail Fixed Services as a group

Agenda Item 1: Matters Arising**Minutes of the 31st Meeting of the Radio Spectrum and Technical Standards Advisory Committee (“SSAC”)**

1. The Secretary reported that OFCA had not received any comment from Members on the draft minutes of the last SSAC meeting. Subsequently, the minutes were confirmed and published on OFCA’s website in January 2025.

Item 2 of the 31st SSAC Meeting (Proposed Revision to HKCA 1082 Performance Specification for New Radio (NR) Base Station)

2. The Secretary reported that OFCA had not received any comment from Members on the proposed revision to specification HKCA 1082. Subsequently, the revised specification HKCA 1082 was published on OFCA’s website in January 2025.

Item 3 of the 31st SSAC Meeting (Proposed Allocation of the 1430 – 1444 MHz Band to the Mobile Service)

3. The Secretary reported that OFCA had not received any comment from Members on the proposed allocation of the 1430 – 1444 MHz band (“1.4 GHz band”) to the mobile service. Following the approval from the Communications Authority, the Spectrum Release Plan for 2025-2027 on the allocation of the 1.4 GHz band for use by unmanned aircraft system and the updated Hong Kong Table of Frequency Allocations were published on OFCA’s website in July 2025.

Agenda Item 2: Proposed New Performance Specification for New Radio (NR) User Equipment (SSAC Paper No. 4/2025)

4. Ms Kim Cheung presented SSAC Paper No. 2/2025 on the proposed new specification HKCA 1085 for New Radio (“NR”) user equipment, which covered all relevant frequency bands for mobile services in Hong Kong, emphasising that an NR user equipment operating in close proximity (up to

20 cm) to the human head, such as mobile phones, was required to be certified against HKCA 1084 for radiation safety if it was certified against HKCA 1085.

5. In response to the enquiry from Mr Henry C H Chan concerning the applicability of the specification HKCA 1084, Mr Ivan Chan clarified that HKCA 1084 applied to all wireless devices operating in close proximity (up to 20 cm) to human, regardless of the radio technologies employed or frequency bands utilised. It should also be noted that HKCA 1084 remained applicable even if it was not explicitly referenced in the specific HKCA specification governing the equipment in question.

6. The Chairman invited Members to submit comments on the proposed new specification HKCA 1085 to OFCA, if any, by 1 August 2025.

Agenda Item 3: Proposed Revision to HKCA 1081 Performance Specification for Radiocommunications Apparatus Operating in the 6 GHz Band for Wireless Local Area Network (SSAC Paper No. 5/2025)

7. Mr Gary Lam presented SSAC Paper No. 5/2025 on the proposed revision of specification HKCA 1081, including the removal of the electrical safety requirements and clarification on the guard band requirement in the 5.925 – 5.945 GHz band, among others.

8. Dr K F Tsang inquired about the radiation safety standards referenced in HKCA 1084 and the basis for selecting these standards. Mr Ivan Chan replied that HKCA 1084 adopted the internationally recognised radiation safety standards. Specifically, HKCA 1084 referenced the “ICNIRP Guidelines for Limiting Exposure to Electromagnetic Fields (100 kHz to 300 GHz)” issued by the International Commission on Non-Ionizing Radiation Protection. Additionally, the evaluation methods were based on standards published by the International Electrotechnical Commission (“IEC”) and the European Telecommunications Standards Institute (“ETSI”).

9. The Chairman invited Members to submit comments on the proposed revision of specification HKCA 1081 to OFCA, if any, by 1 August 2025.

Agenda Item 4: Proposed Allocation of the 11.7 – 12.2 GHz Band to the Fixed-Satellite Service (SSAC Paper No. 6/2025)

10. Mr Kenneth Leung presented SSAC Paper No. 6/2025 on the proposed additional allocation of the 11.7 – 12.2 GHz band (“the 12 GHz Band”) to the fixed-satellite service (“FSS”) in the space-to-Earth direction on top of the existing allocations.

11. Ms Vicky Wong proposed that the additional allocation of FSS in the 12 GHz Band should be applicable to both geostationary-orbit (“GSO”) FSS and non-geostationary orbit (“NGSO”) FSS in accordance with the relevant requirements of the Radio Regulations (“RR”), including but not limited to RR footnote 5.492 for GSO FSS, and RR footnote 5.487A and the relevant equivalent power flux density limits in Article No. 22.5C (Table 22-1D) for NGSO FSS. Mr Kenneth Leung reported that APT Satellite Company Limited had submitted a written comment to OFCA with similar views of Asia Satellite Telecommunications Company Limited (“AsiaSat”).

12. Mr Ken Sit replied that, pursuant to RR footnotes 5.487 and 5.487A, the proposed additional allocation of FSS (space-to-Earth) on a primary basis in the 12 GHz Band was limited to NGSO satellite systems, and these systems should not cause harmful interference to, or claim protection from broadcasting satellite stations operating in accordance with the relevant requirements of RR. Besides, stations of the broadcasting satellite service which were in conformity with the relevant requirements of RR might also be used for transmission in the FSS (space-to-Earth) in the 12 GHz band, subject to the conditions in RR footnote 5.492 and the relevant procedures and requirements stipulated in RR.

13. The Chairman invited Members to submit comments on the proposal to OFCA, if any, by 1 August 2025.

[Post-meeting note: AsiaSat submitted a written comment on 22 July 2025 to OFCA which reflected its views expressed in the meeting.]

Agenda Item 5: Any Other Business

14. Mr H C Hung brought up a radio interference incident. The Chairman responded that radio interference issues fell outside the terms of reference of the Radio Spectrum and Technical Standards Advisory Committee. However, OFCA would follow up this incident with Mr Hung after the meeting.

15. There being no other business, the meeting was adjourned at 3:20 pm.

**Office of the Communications Authority
August 2025**