

RADIO SPECTRUM AND TECHNICAL STANDARDS
ADVISORY COMMITTEE

Minutes of the Thirty-first Meeting
held at 2:30 p.m., Friday, 3 January 2025
in Conference Room 2020, 20/F Wu Chung House, Wan Chai

Present

Mr T S Chew	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
Mr S P Chan	Ad Personam
Mr Martin Cheung	Representative of Consumer Council
Mr Carey Chow	Representative of Hong Kong Commercial Broadcasting Company Limited
Mr Kevin Chu	Representative of PCCW Media Limited / HK Television Entertainment Company Limited
Ir W Y Chu	Representative of the Hong Kong Institution of Engineers
Dr Jun Du	Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group & Unified Carrier (External Fixed Services) Licensees as a group
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 Joseph Ho	Representative of Civil Aviation Department
Mr W K Ho	Representative of Local Certification Bodies as a group
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
Mr K H Lau	Representative of Civil Aviation Department
Mr Michael Lee	Representative of EU ICT Council in Hong Kong and Macau
Mr Simon Leung	Representative of ComNet Telecom (HK) Limited

Mr K F Mak	Representative of Hong Kong Police Force
Mr S Y Ngan	Representative of Radio Television Hong Kong
Mr Johnny Siu	Representative of Amateur Radio Societies as a group
Mr Jing Su	Representative of APT Satellite Company Limited
Mr Man Yuen	Representative of Television Broadcasts Limited
Dr Rui Zhang	Representative of Asia Satellite Telecommunications Company Limited
Mr Ivan Chan	Secretary (OFCA staff)

Absent with Apologies

Mr Raymond Chan	Representative of i-Cable HOY 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
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 Karson Ng	Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group
Dr K F Tsang	Representative of the Institution of Engineering and Technology Hong Kong
Mr Q L Xie	Representative of China Mobile Hong Kong Company Limited
Mr Sheldon Yau	Representative of Hong Kong Telecommunications (HKT) Limited / PCCW-HKT Telephone Limited and Hong Kong Telecommunications (HKT) Limited / PCCW Global (HK) Limited

In Attendance

Mr Wilson Lee	OFCA staff
Mr Charles Chow	OFCA staff
Dr Yvonne Lee	OFCA staff
Mr Roger Chan	OFCA staff
Ms Kim Cheung	OFCA staff
Mr Gary Lam	OFCA staff
Mr Brian Lee	OFCA staff
Mr Kenneth Leung	OFCA staff

Observer

Ms Veritas Chan	Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group
Mr Y H Chan	Representative of Asia Satellite Telecommunications Company Limited
Mr Stephen Chow	Representative of Television Broadcasts Limited
Ms Sharon Shi	Representative of APT Satellite Company Limited
Mr You Zhou	Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group

Agenda Item 1: Matters Arising

Minutes of the 30th 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 August 2024.

Item 2 of the 30th SSAC Meeting (Proposed New Conformance Specification for Radiation Safety of Wireless Devices and Revision to HKCA 2001 Compliance Test Specification - Safety and Electrical Protection Requirements for Subscriber Telecommunications Equipment)

2. The Secretary reported that OFCA had not received any comment from Members on the proposed new specification HKCA 1084 and the revised specification HKCA 2001. Subsequently, these two specifications were adopted and published on OFCA’s website in August 2024.

Item 3 of the 30th SSAC Meeting (Proposed Revision to HKCA 1039 Performance Specification for Radiocommunications Apparatus Operating in the 2.4 GHz or 5 GHz Band and Employing Frequency Hopping or Digital Modulation)

3. The Secretary reported that OFCA had not received any comment from Members on the proposed revision to specification HKCA 1039. Subsequently, this specification was adopted and published on OFCA’s website in August 2024.

Agenda Item 2: Proposed Revision to HKCA 1082 Performance Specification for New Radio (NR) Base Station (SSAC Paper No. 1/2025)

4. Mr Gary Lam presented SSAC Paper No. 1/2025 on the proposed revision of specification HKCA 1082 to include the 6425 – 7125 MHz band (“the 6/7 GHz band”) for 5G NR base station, including the associated technical requirements specified in Resolution 220 of the International Telecommunication Union (“ITU”) Radio Regulations¹.

5. Mr Jing Su considered that mobile services operating in the 6/7 GHz band should not cause harmful interference to the existing satellite services. He commented that Resolution 220 of the ITU Radio Regulations should be followed to limit the equivalent isotropically radiated power (“e.i.r.p”) emitted from mobile base stations towards the sky in the 6/7 GHz band in order to protect satellite services operating in the same frequency band, under the assumption of Resolution 220 that only a very limited number of base stations will be communicating with a positive elevation angle towards indoor mobile stations. The Chairman replied that mobile network operators’ radio base stations operating in the 6/7 GHz band should comply with the revised HKCA 1082, including the technical requirements specified in Resolution 220 of the ITU Radio Regulations by limiting the e.i.r.p. emitted towards the sky, in order to protect the existing satellite services.

6. The Chairman invited Members to submit comments on the proposed revision of HKCA 1082 to OFCA, if any, by 17 January 2025.

Agenda Item 3: Proposed Allocation of the 1430 – 1444 MHz Band to the Mobile Service (SSAC Paper No. 2/2025)

7. Mr Roger Chan presented SSAC Paper No. 2/2025 on the proposed additional allocation of the 1430 – 1444 MHz band (“the 1.4 GHz band”) to the mobile service for use by unmanned aircraft systems (“UAS”) in Hong Kong.

8. Mr Michael Lee enquired whether the use of the 1.4 GHz band by UAS would be subject to licensing and coordination at the boundary between Hong Kong and Shenzhen in future. The Chairman replied that a licence would be required for the use of the 1.4 GHz band by UAS since this band was not included in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order (Cap. 106Z), and OFCA would formulate the licensing

¹ The ITU Radio Regulations are available at:
<https://www.itu.int/pub/R-REG-RR>

arrangement for the 1.4 GHz band in due course. The Chairman added that there was an established frequency coordination mechanism between Hong Kong and the Mainland to resolve potential interference problems, including those associated with the use of the 1.4 GHz band in future. Mr Charles Chow supplemented that use of the 1.4 GHz band by UAS in the Mainland was also subject to licensing, and the proposed channel plan in Annex 2 of SSAC Paper No. 2/2025 was identical to the Mainland's band plan which might help to resolve the potential interference issues more easily.

9. The Chairman invited Members to submit comments on the proposal to OFCA, if any, by 17 January 2025.

Agenda Item 4: Outcomes of the World Telecommunication Standardization Assembly (WTSA-24) (SSAC Paper No. 3/2025)

10. Ms Kim Cheung presented SSAC Paper No. 3/2025 which gave an overview of the major outcomes of WTSA-24 held by the ITU's Telecommunication Standardization Sector ("ITU-T") in setting the direction of the standardization work for the study period of 2025-2028.

11. The Chairman said that OFCA would monitor the standardization development of ITU-T and provide timely updates to Members as necessary.

Agenda Item 5: Any Other Business

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

**Office of the Communications Authority
February 2025**