

RADIO SPECTRUM AND TECHNICAL STANDARDS
ADVISORY COMMITTEE

Minutes of the Thirty-third Meeting
held at 2:30 p.m., Tuesday, 13 January 2026
in Conference Room 2020, 20/F Wu Chung House, Wan Chai

Present

Mr Wilson Lee	Chairman (OFCA staff)
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 Raymond Chan	Representative of i-Cable HOY Limited
Mr S P Chan	Ad Personam
Mr Samuel Chau	Representative of ComNet Telecom (HK) Limited
Mr Martin 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
Ir W Y Chu	Representative of the Hong Kong Institution of Engineers
Prof Lin Dai	Ad Personam
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 K L Ho	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 & Local Industry Associations as a group
Mr Joseph Ho	Representative of Civil Aviation Department
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

Mr S M Ko	Domestic Retail Fixed Services as a group
Mr Voller Lam	Representative of Metro Broadcast Corporation Limited
Mr Dennis Lau	Representative of HGC Global Communications Limited
	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
Mr Jing Su	Representative of APT Satellite Company Limited
Ms Vicky Wong	Representative of Asia Satellite Telecommunications Company Limited
Mr Man Yuen	Representative of Television Broadcasts Limited
Mr Walter Yung	Representative of Independent Commission Against Corruption
Dr Rui Zhang	Representative of Asia Satellite Telecommunications Company Limited
Mr Ivan Chan	Secretary (OFCA staff)

Absent with Apologies

Mr Brian Chan	Representative of VNET Group 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
Dr H M Chow	Representative of Hong Kong Productivity Council
Mr C H Heung	Representative of Localised Wireless Broadband Service / Pubic Radiocommunications Service / Wireless Internet of Things Licensees as a group
Mr Allan Kwan	Representative of HK Television Entertainment Company Limited / Now TV Limited
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

Mr Charles Chow	OFCA staff
Mr Brian Lee	OFCA staff
Mr Henry Wong	OFCA staff
Mr Kenneth Cheung	OFCA staff

Ms Kim Cheung	OFCA staff
Mr L H Fung	OFCA staff
Mr Gary Lam	OFCA staff
Ms Andrea Lau	OFCA staff
Mr Kenneth Leung	OFCA staff
Mr Jack Yip	OFCA staff

Observer

Dr Michael Chia	Representative of Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)
Dr Eddy Chiu	Representative of ASTRI
Ms Angel Ngai	Representative of ASTRI
Ms Sharon Shi	Representative of APT Satellite Company Limited
Mr Andy Zhou	Representative of ASTRI
Mr You Zhou	Representative of Carrier Licensees not providing Domestic Retail Fixed Services as a group

Agenda Item 1: Matters Arising

Minutes of the 32nd Meeting of the Radio Spectrum and Technical Standards Advisory Committee (“SSAC”)

1. The Secretary reported that OFCA received a comment from Asia Satellite Telecommunications Company Limited (“AsiaSat”) on the draft minutes of the last SSAC meeting regarding item 4. Subsequently, the meeting minutes were revised and posted on OFCA’s website in August 2025.

Item 2 of the 32nd SSAC Meeting (Proposed New Performance Specification for New Radio (NR) User Equipment)

2. The Secretary reported that OFCA did not receive any comment from Members on the proposed new specification HKCA 1085. Subsequently, this specification was published on OFCA’s website in August 2025.

Item 3 of the 32nd SSAC Meeting (Proposed Revision to HKCA 1081 Performance Specification for Radiocommunications Apparatus Operating in the 6 GHz Band for Wireless Local Area Network)

3. The Secretary reported that OFCA did not receive any comment from Members on the proposed revision to specification HKCA 1081. Subsequently, this specification was revised and published on OFCA’s website in August 2025.

Item 4 of the 32nd SSAC Meeting (Proposed Allocation of the 11.7 – 12.2 GHz Band to the Fixed-Satellite Service)

4. The Secretary reported that AsiaSat submitted a written comment on 22 July 2025 to OFCA in which its views expressed in the meeting on the proposed allocation of the 11.7 – 12.2 GHz band to the fixed-satellite service were reflected. Besides, OFCA did not receive any other comment from Members on the proposed allocation. The proposed allocation will be submitted to the Communications Authority for approval, and will be incorporated into the next update of the Hong Kong Table of Frequency Allocations accordingly if approved.

Agenda Item 2: Update on Radio Technologies for Intelligent Transport Systems (ITS) Operating in the 5850 – 5925 MHz Band (SSAC Paper No. 1/2026)

5. Mr Kenneth Leung presented SSAC Paper No. 1/2026 on an update on radio technologies for ITS operating in the 5850 – 5925 MHz band (“5.9 GHz band”) in other economies. Mr Andy Zhou of ASTRI gave a presentation on the recent development of the cellular vehicle-to-everything (“C-V2X”) technology and the trials on C-V2X conducted by ASTRI.

6. Ms Vicky Wong indicated that the use of the 5.9 GHz band for ITS should neither impose additional constraints/restriction nor cause harmful interference to earth stations in Hong Kong. The Chairman replied that in general, stations of co-primary services would be protected on a first-come-first-served basis. Given the in-orbit satellite receivers of fixed-satellite service (“FSS”) uplinks are located at about 36,000 km above the Earth, the terrestrial low power ITS stations are less likely to cause harmful radio interference to the in-orbit satellite receivers. Besides, ITS should accept interference from the existing earth stations of FSS uplinks operating in the same band.

7. Mr Henry C H Chan enquired about the channel bandwidth used in the C-V2X trials conducted by ASTRI. Mr Andy Zhou replied that while both channel bandwidths of 10 MHz and 20 MHz had been tested in the early trials, 20 MHz was used in all recent trials. Mr Andrew Hui asked the arrangement for the integration of Light Detection and Ranging (“LiDAR”) equipment and the digital map in the trials. Mr Andy Zhou replied that on-site calibration would be conducted after installation of the LiDAR equipment to ensure the relevant coordinates were precise and aligned with the digital map of autonomous vehicles (“AVs”).

8. Mr Henry C H Chan asked about the communications between on-board units (“OBUs”) / road side units (“RSUs”) and the public mobile networks and the number of RSUs that would be required for supporting a territory-wide deployment of C-V2X. Mr Dennis Lau also wanted to have more information about the use of public mobile network for ITS. Dr Eddy Chiu explained that for time-critical safety scenarios with high real-time requirements, local and direct data transmission among RSUs and OBUs using the C-V2X communication channel in the 5.9 GHz band was preferred considering its low latency and high reliability. The 4G or 5G public mobile networks would be primarily used to backhaul local data of OBUs/RUSs to the core network of C-V2X over the cloud for other operational purposes. Ms Angel Ngai added that a territory-wide or full deployment of roadside infrastructure in C-V2X would not be typically warranted since AVs already possessed the intelligence to handle some basic road conditions. In light of this, C-V2X would be deployed selectively in areas where the road conditions were complex, such as traffic black spots and roundabouts, to assist AVs in handling such complex traffic conditions by providing them with supplemental real-time data, thereby enhancing their safety and efficiency in a cost-effective manner.

Agenda Item 3: Development of International Mobile Telecommunications (IMT) Towards 2030 and Beyond (SSAC Paper No. 2/2026)

9. Ms Kim Cheung presented SSAC Paper No. 2/2026 which shared information from the International Telecommunication Union (“ITU”) and the 3rd Generation Partnership Project (“3GPP”) regarding the technology trends, usage scenarios, characteristics, candidate frequency bands and timelines for IMT-2030.

10. The Chairman said that OFCA would monitor the international development of 6G standards and provide timely updates to Members as necessary.

Agenda Item 4: Proposed Revision to HKCA 1049 Performance Specification for Radio Frequency Identification (RFID) Equipment Operating in the 865 – 868 MHz and/or 920 – 925 MHz Bands, and HKCA 1078 Performance Specification for Radio Equipment Operating in the 920 – 925 MHz Band (SSAC Paper No. 3/2026)

11. Mr Gary Lam presented SSAC Paper No. 3/2026 on the proposed revision of specifications HKCA 1049 and HKCA 1078 for RFID equipment operating in the 865 – 868 MHz and/or 920 – 925 MHz bands, and other radio

equipment operating in the 920 – 925 MHz band, including the removal of the electrical safety requirements and supplementing the technical requirements for operation in the 920 – 925 MHz band, among others.

12. Mr Henry C H Chan enquired whether there was any interference between radio equipment operating in the 920 – 925 MHz band and GSM equipment operating in the 900 MHz band. The Chairman explained that the compatibility study on the 920 – 925 MHz band and other services in the adjacent bands had been conducted a long time ago when the 920 – 925 MHz band was exempted from licensing a long time ago, and so far no interference issue had been reported.

13. The Chairman invited Members to submit comments on the proposed revision of specifications HKCA 1049 and HKCA 1078 to OFCA, if any, by 27 January 2026.

Agenda Item 5: Any Other Business

14. There being no other business, the meeting was adjourned at 4:20 pm.

**Office of the Communications Authority
February 2026**