

Hong Kong Multi-Standard Radio (MSR) Base Station, New Radio (NR) Base Station, and Active Antenna System (AAS) Base Station Certification Must Meet OFCA Requirements

Multi-Standard Radio (MSR) Base Station, New Radio (NR) Base Station, and Active Antenna System (AAS) Base Station are required to meet the Office of the Communications Authority's (OFCA) Radio Equipment Specifications before launching for sale in Hong Kong market. These pieces of equipment are under the **Compulsory Certification Scheme (CCS)** and Voluntary Labelling.

Standard of Technical requirement:

- HKCA 1065** - Performance Specification for Multi-Standard Radio (MSR) Base Station, Issue 4
- HKCA 1082** - Performance Specification for New Radio (NR) Base Station, Issue 1
- HKCA 1083** - Performance Specification for Active Antenna System (AAS) Base Station, Issue 1

The applicant shall pay attention to their equipment operating in the 3400 – 3600 MHz and 4800 – 4960 MHz bands; any unwanted emissions in the 3700 – 4200 MHz band may not exceed -52 dBm/MHz.

Labelling Requirement

Standard: **HKCA 3211** - Standardisation Guide for Labelling of Telecommunications Equipment, Issue 5, April 2022

Certificates issued by STC are assigned the LCB code 'HK001' as prefix to certification numbers in accordance with prescribed specifications.



STC is an **authorized Local Certification Body (LCB)** for the testing and certification of telecommunication equipment under section 32E(g) of the Telecommunications Ordinance recognized by the Government of Hong Kong under **OFCA** and represented by the **Communication Authority (CA)**.

Hong Kong Standards and Testing Centre (STC) is a not-for-profit, independent testing, inspection and certification organization. With a global network of ISO/IEC 17025 accredited testing laboratories and over 60 years of experience in consumer product testing, our service can meet your conformity assessment needs with high efficiency and reliability.

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