

New Performance Specification for New Radio (NR) User Equipment (UE)

Office of the Communications Authority (OFCA) sets out new technical and evaluation requirements for New Radio (NR) User Equipment (UE). This equipment should meet relevant HKCA Specifications requirements under Hong Kong Telecommunications Equipment Evaluation and Certification (HKTEC) Scheme before launching for sale in the Hong Kong market.

Technical Requirements

Standard:

HKCA 1085 Issue 1 – Performance Specification for NR UE

Operation frequency range:

Band Arrangement	Downlink (UE Receive)	Uplink (UE Transmit)
Paired Band	758 – 803 MHz	703 – 748 MHz
	870 – 882.5 MHz	825 – 837.5 MHz
	925 – 960 MHz	880 – 915 MHz
	1805 – 1880 MHz	1710 – 1785 MHz
	2110 – 2170 MHz	1920 – 1980 MHz
	2620 – 2690 MHz	2500 – 2570 MHz
Unpaired Band	2300 – 2390 MHz, 3300 – 3400 MHz, 3400 – 3600 MHz, 4800 – 4960 MHz, 6425 – 7125 MHz, 24.25 – 28.35 GHz	

Reference standards on technical equipment

- ETSI EN 301 908-1 and ETSI EN 301 908-25
- 3GPP TS 38.101-1, 3GPP TS 38.101-2, and 3GPP TS 38.101-3
- 3GPP TS 38.521-1, 3GPP TS 38.521-2, and 3GPP TS 38.521-3

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