

## CROSS REFERENCE TABLE

Reference device	Variant device	Key Differences
FCC ID XX6SC2028	FCC ID XX6SC2328X	Both variants share the same main PCB. The Bluetooth / WLAN module is a separate module that plugs into the main PCB. The SC2328 without Bluetooth/WLAN module is a subset of the SC2028 with Bluetooth/WLAN module, with the Bluetooth / WLAN module removed and a reduced key mat and associated bezel. The same hardware, same antennas, same frequency and software are used to generate the TETRA signal.

Rule Part	Test item	Data Reference	Comments
<b>TNB</b>			
FCC 90.205	Maximum Conducted Output Power	N	Full testing for model SC2028 and spot checking for model SC2328
FCC 90.209	Bandwidth Limitations	Y	Full testing for model SC2028 and data reference for model SC2328
FCC 90.210	Spurious Emissions at Antenna Terminals	N	Full testing for model SC2028 and spot checking for model SC2328
FCC 90.210	Frequency stability	Y	Full testing for model SC2028 and data reference for model SC2328
FCC 90.214	Transient Frequency Behaviour	Y	Full testing for model SC2028 and data reference for model SC2328
FCC 90.221	Adjacent Channel Power	Y	Full testing for model SC2028 and data reference for model SC2328
FCC 90.207	Types of Emissions	Y	Full testing for model SC2028 and data reference for model SC2328

FCC 90.210	Radiated Spurious Emissions	N	Full testing for model SC2028 and spot checking for model SC2328
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Rule Part	Test item	Data Reference	Comments
FCC 2.1091 FCC 2.1093 FCC 1.1310 FCC 1.1307	RF Exposure Exemption evaluation	Y	Full testing for model SC2028 and data reference for model SC2328  <i>Note: the same hardware, same antennas, same frequency and software are used to generate the TETRA signal. So, in the RF assessment nothing would change between SC2028 and SC2328.</i>
FCC 2.1093	MEASUREMENT RESULTS FOR SAR (SPECIFIC ABSORPTION RATE)	N	Full testing for model SC2028 and spot checking for model SC2328

**Unintentional radiator (EMC) is out of the certification scope.**

Rule Part	Test item	Data Reference	Comments
<b>JAB</b>			
FCC 15.107	CE Continuous Conducted emission	N/A	According to the standard, this test is not applicable because EUT is powered in DC (internal battery)
FCC 15.109	RE Radiated emission. Electromagnetic field measure	N	Full testing for model SC2028 and for model SC2328

**Acceptance Criteria for all test cases**

**FCC Part 90 (TNB)**

For the same conditions, we have compared the maximum conducted output power measured in both models. And we have verified that the difference is <3 dB.