

ANNEX 1: CROSS REFERENCE TABLE

Reference device	Variant device	Key Differences
FCC ID XX6STP8X040B	FCC ID XX6STP8X040x	Both variants share the same main PCB. The Bluetooth module is a separate module that plugs into the main PCB. The STP8X040 without Bluetooth module is a subset of the STP8X040 with Bluetooth module, with the Bluetooth module removed. The same hardware, same antennas, same frequency and software are used to generate the TETRA signal.

Rule Part	Test item	Data Reference	Comments
TNB			
FCC 90.205	Maximum Conducted Output Power	Y	Full testing for model STP8X040 with Bluetooth and spot checking for model STP8X040 without Bluetooth
FCC 90.209	Bandwidth Limitations	Y	Full testing for model STP8X040 with Bluetooth and this test case has not been tested for model STP8X040 without Bluetooth
FCC 90.210	Spurious Emissions at Antenna Terminals	Y	Full testing for model STP8X040 with Bluetooth and spot checking for model STP8X040 without Bluetooth
FCC 90.210	Frequency stability	Y	Full testing for model STP8X040 with Bluetooth and this test case has not been tested for model STP8X040 without Bluetooth

FCC 90.214	Transient Frequency Behaviour	Y	Full testing for model STP8X040 with Bluetooth and this test case has not been tested for model STP8X040 without Bluetooth
FCC 90.221	Adjacent Channel Power	Y	Full testing for model STP8X040 with Bluetooth and this test case has not been tested for model STP8X040 without Bluetooth
FCC 90.207	Types of Emissions	Y	Full testing for model STP8X040 with Bluetooth and this test case has not been tested for model STP8X040 without Bluetooth
FCC 90.210	Radiated Spurious Emissions	Y	Full testing for model STP8X040 with Bluetooth and spot checking for model STP8X040 without Bluetooth

Rule Part	Test item	Data Reference	Comments
FCC 2.1093	MEASUREMENT RESULTS FOR SAR (SPECIFIC ABSORPTION RATE)	Y	Full testing for model STP8X040 with Bluetooth and spot checking for model STP8X040 without Bluetooth

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

Rule Part	Test item	Data Reference	Comments
JAB			
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 STP8X040 with Bluetooth and for model STP8X040 without Bluetooth
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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.