

**EMC test data explanation summary according KDB 484596 D01****Introduction**

FCC ID AZ492FT7170 is referencing to previously filed FCC ID AZ492FT7083 with following equipment classes, rule parts and frequency bands:

Equipment Class	Rule Part	Frequency band
PCB	90,24D	806-870 / 896-941 MHz

We, Motorola Solutions will take full responsibility that the test data referenced under “Reference Section” within this explanation represents compliance for the new FCC ID AZ492FT7170.

**Explanation of differences**

Depopulation of components in the BT/WIFI section while maintaining the rest of the components in LMR/GNSS section. There will be no change in the PCB layout too.

**Spot Check Verification Data Section:**

Please refer to the following reports containing spot-check data

Equipment Class	Rules Part	Frequency Band	Test Report ID Reference
PCB	90,24D	806-870 / 896-941 MHz	36735-EMC-00002
		Test Cases for Spot check	Comments
		- Radiated Spurious Emission	- Only tested for worst case channel of reference per rules part. - The result is comparable to the reference both current and reference data are having >20dB from test limit.

**Reference Section**

Please refer to following data for cross-referencing

Rule Part	Frequency band	FCC ID	Test Report ID Cross Reference
90,24D	806-870 / 896-941 MHz	AZ492FT7083	13928-RF-00015