

EMC test data explanation summary according KDB 484596 D01
Introduction

FCC ID AZ489FT4970 is referencing to previously filed FCC ID AZ489FT7128 with following equipment classes, rule parts and frequency bands:

Equipment Class	Rule Part	Frequency band
TNF	90,22,74,80	403-512 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 AZ489FT4970.

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
TNF	90,22,74,80	403-512 MHz	31442-EMC-00003
		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
90,22,74,80	403-527 MHz	AZ489FT7128	20392-RF-00016