

EMC test data explanation summary according KDB 484596 D01
Introduction

FCC ID AZ492FT3853 is referencing to previously filed FCC ID AZ492FT7138 with following equipment classes, rule parts and frequency bands:

Equipment Class	Rule Part	Frequency band
TNB	90,22,74	136 - 174 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 AZ492FT3853.

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
TNB	90,22,74	136 - 174 MHz	36733-EMC-00002
		Test Cases for Spot check - Radiated Spurious Emission	Comments - 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	136 - 174 MHz	AZ492FT7138	22121-RF-00011