

FCC ID: F5302CL3050

Response to TCB findings

Hi Ruby,

We have identified these issues following our review of the application:

1. The FCC requires that the radiated spurious emissions be performed using the substitution method of TIA. Please describe the method used and if not substitution, please provide new data using that technique.

Response - Whenever a limit is specified in dBm, we always use the signal substitution method (pg 11 of test rpt.). Also if you look at the radiated measurement data you will see the conversion factor used to convert peak electric field strength (dBuV) to dBm via a substituted antenna and sig. gen. as per EIA/TIA 603.

2. The module approved under FCC ID: APV09001 is rated at 3 W conducted however the form 731 with this application states 0.6 W. Please explain this difference.

Response - The Standard transceiver Model CMM7700, FCC ID: APV09001 is certified by FCC for a power range 0.6W - 3W (TCB confirmed). We did not change anything in the transceiver module because we do not own the design. This is an OEM device. I believe the radio itself has different power levels that could be enabled at the factory (Standard) in order to get the power range. Previously we used a higher gain antenna. We changed the antenna and we got one that has unity gain.

Best regards

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