

Response to TCB Findings

The test report data tables show that testing has been performed with 1/2 wave antenna. Has 1/4 wave antenna been tested? Please clarify.

The test report has been updated to include the 1/4 wave antenna data. Also, please note that the user manual insert includes 3 antennas. There are 2 1/2 wave antennas, one with 2.3dBi gain and one with 2.0dBi. The 2.3dBi was tested.

It appears from the test setup photos, that the antenna was laying on the wooden table during spurious emissions testing. Please confirm that other orientations have been tested and worst case presented.

Testing was performed with the product oriented in each orthogonal axis.

Please clarify with your client why the user guide does not include any information or instructions for URM-G-916 module, except for the pages you have mentioned. It appears the manual is for RK-5409-5. If there is a specific manual for this module, that must be supplied for the application.

Our User Manual describes our networking system which comprises a number of different transceiver devices. We do not have manuals for each individual device. The device we are looking for modular approval, the FCC ID would be R8N-URM-G-916, is actually contained within the MG-5409 product as defined in the User Manual. At this time, we have not offered for sale just the module by itself, although we plan to offer it as a standalone item in the future.

As such, in the beginning of the User Manual we have added a section which describes the requirements of embedding the module into a design, it's referred to as the URM-G-916, such as the antenna and cable type that must be used as well as the labeling requirements.