

1. FYI - Please note that the FCC has designated W-CDMA (Wide Band CDMA) and CDMA emissions designator as F9W. Only the first part of the emissions designator (frequency) changes. This means that the designator for the W-CDMA on the 731 should be 4M14F9W instead of 4M14XXW.

Acknowledged for F9W. But from now on we will change the emission designator to 5M00 so the designator for the WCDMA will be 5M00F9W.

2. Please note that on page 3 of the internal photos there is a shielded area of the board on the right. Please remove the shield and show the components underneath.

New internal photos downloaded to web site.

3. Please provide a block diagram for the Bluetooth transmitter.

Block diagram downloaded to web site.

4. Please note that I could not find the portion of the schematics that dealt with the Bluetooth transmitter. Please provide the Bluetooth schematics or please clearly point to the portion of the schematics that deal with the Bluetooth transmitter.

Bluetooth schematic downloaded to web site.

5. It appears that there is material behind the device during Bluetooth radiated emissions testing shown in the setup photos. However, there is no mention in the report as to how much if any affect this material has on the emissions from this device above 1GHz. Because many materials begin to affect the rf emissions above 1GHZ (especially above 3GHz) it is not known if the values recorded are accurate or not. Please verify that the material surrounding the EUT on three sides has not rf characteristics that would adversely affect radiated emissions testing between 1 to 24GHz.

The material is polystyrene foam, which is widely used in EMC laboratories because of it's transparency to RF. It does not have any effect on the results.

6. Please note that the nominal operating voltage and the battery cutoff voltage are listed on page 26 of the GSM report as the same voltage. Please explain how this is possible. Please specify what the allowable battery operation endpoints are for this device (i.e at what battery voltage extremes will this device continue to operate?). Please then provide voltage frequency stability for these minimum and maximum voltage end points in accordance with 2.1055d2.

This has been re-measured with real battery cutoff voltage. Test result downloaded to web site.

7. Please note frequency stability data has not been provided for the W-CDMA modulation. Please provide frequency stability data for W-CDMA operation. Alternately, please adequately explain why frequency stability data was not provided.

Frequency stability is same for GSM and WCDMA, because used frequency synthesizer and TX frequency range is same for both.

8. Please note that the maximum listed drift listed on page 4 of the SAR report is .29dB (about 7%), yet the highest drift reported on the plots is only 0.1dB (less than 5%). Please explain.

0.29 dB on page 4 of the SAR report is correct value for maximum drift for all the scans. Plot of that scan is not included in the report.