

With regards to SAR testing, please address the following:

1) Identify specifically what WiMAX system profiles were used for testing SAR and what are the profile details in the test configuration.

Ans: Test signals were generated by the device under continuous transmitting mode via test software from device manufacture. And the test mode describes the setting of software(i.e. All of software setting in SAR report is the same with EMC report.

2) You stated that this device uses 1x2 MIMO, please describe which antennas are used for transmitting and which are used for receiving while testing SAR

Ans: For SAR testing, the area scan can cover the device including both of antennas.

The photo as below shows TX antenna, and both of antennas are for RX.



3) Submit system verification (dipole) data. Check 2600 MHz dielectric target parameters contained in Supplement C.

Ans: Supplement C define 2450MHz, but doesn't define 2600MHz. The Dipole and Probe were calibrated by SAR manufacture called APREL. The dielectric target of 2600MHz is according to APREL.

4) SAR test set up photographs show a closed laptop? please explain if this is the actual position of the laptop when testing.

Ans: It is difficult to set up the 14 inch laptop PC open, but we used the spectrum and Antenna to monitor the TX signal from EUT.

The TX signal level of laptop PC opened is the same with the TX signal level of laptop PC closed, so almost no difference exists between laptop PC opened and laptop PC closed.

We also provide the test result of the highest 1-g SAR via an opened laptop PC. The measurements don't make a difference between an opened laptop PC and a closed laptop PC. The detailed information was attached for your reference.

5) EIRP power is required to be measured for SAR.

Ans: Enclosed revised SAR report. Please refer to page 20~22.

The EIRP value on SAR report follows EMC report, because all setting of software is the same. SAR measurement was performed after EMC measurement.

We evaluate SAR with test mode, test channel, conducted power, EIRP, and test setting of software according to EMC report.