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Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID QDJ-0308LUG001)

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Summary of FCC request for additional information

There was a request for additional information regarding Motorola's SAR Test Report for Motorola portable cellular phone (FCC ID QDJ-0308LUG001). The requested information is addressed below in the same numbering sequence received.

3. Please correct the 2 typos on p. 4 of the SAR report with the Cal Due Date for the Network Analyzer.

Response: Please look at the below updated table for test equipment:

Description	Serial Number	Cal Due Date
Signal Generator HP8648C	3847A04822	2/6/2005
Power Meter E4419B	GB39511087	2/6/2004
Power Sensor #1 - 8481A	US39210929	2/6/2004
Power Sensor #2 - 8481A	US39210933	2/6/2004
Network Analyzer HP8753ES	US39172529	6/18/2004
Dielectric Probe Kit HP85070B	US33020235	

4. It appears that different tissue parameter values are used in the validation tests and in the SAR tests taken the same day. Please explain.

Response:

The dielectric parameters used for the daily system validation are shown in the table on page 5 of the SAR report (and the plots on pages 9). These values used for the daily system validation are slightly different than those used for the head measurements because they are physically a different setup of tissue stimulant. The 1800MHZ system accuracy verification of the DASY3 was performed using the measurement equipment listed in Section 3. The dipole was placed below a "flat" phantom. This "flat" phantom is made out of 1" thick natural High Density Polyethylene with a thickness at the bottom equal to 2.0mm. It measures 52.7cm(long) x 26.7cm(wide) x 21.2cm(tall). The measured dielectric constant of the material used is less than 2.3 and the loss tangent is less than 0.0046 all the way up to 2.184GHz.

5. The z-axis plot for the dipole validation test taken on 9/2/03 appears to be for 10-g SAR. Please submit the 1-g z-axis plot.

Response:

The z-axis plots taken from the DASY scans cannot show 1-g or 10-g SAR since the probe is only at a certain location in the simulate inside the phantom and is

retracting upward to verify depth of the penetration. Therefore when you select the zaxis plot it only shows the exponential decay curve with respect to the z-axis and no SAR values are generated.