

LJPRM-106_ATCB003447

1. Please note that the SAR report for the WLAN shows a maximum conducted power of 25.4dBm. the WLAN test report shows a maximum power level of 26.3dBm. The SAR report has to have the highest power level and there is a 0.9dB difference between the two maximums.

The WLAN SAR values in the SAR report have been scaled up to account for the above-mentioned difference in power levels.

2. Please note that the revised SAR report appears to only have the WLAN data. Please provide the Cellphone data as well.

Unfortunately the supplemental SAR of LJPRM-199 report was initially not uploaded. As noted in Section 3.2 of the SAR report, the only difference between LJPRM-106 and LJPRM-199 is in the WLAN output power tuning; the cellular bands in LJPRM-106 are identical to those in LJPRM-199. The full cellphone data is provided in the SAR report for LJPRM-199, which is now uploaded with this application.

3. Please note that probe SN1813 calibration data is dated Sept 2004. Please note that recent FCC interpretation is that SAR probes are to have one year or less calibration cycle. Please retest those configurations where probe serial number is 1813.

An expired calibration certificate was erroneously included in the SAR report. A revised version of the report has been updated with the current certificate.

LJPRM-199_ATCB003446

4. Please note that the Power in the WLAN report (page 6 of the WLAN power report) is conducted at a power of 27.3dBm. The SAR report lists WLAN as EIRP (page3 and 4) with the maximum tested power almost 3dB less than that in the EMC (page 18 of the SAR report only shows 24.6dBm). Please note that power must be in the same units either conducted (with less than 0.0dB difference between the two reports) or EIRP (with up to 3dB difference but the SAR must be the higher). Please correct to show the same power measurements and/or retest as necessary.

The above-mentioned power levels in the EMC report are radiated power levels and are therefore different for Open and Closed modes. The WLAN SAR values in the SAR report have been scaled up to account for the 1.0dB difference in the power levels between modulation modes BPSK/1Mbps and QPSK/11Mbps.

Modulation mode OFDM/64QAM/48Mbps appears to have the highest power in the EMC report, but the power level reported is peak power. OFDM/64QAM/48Mbps mode has been tuned to -4.0dB time-averaged power relative to the BPSK/1Mbps modulation mode. OFDM/64QAM/48Mbps peak power result in the EMC report is therefore not relevant for SAR testing.

5. Please note that probe SN1813 calibration data is dated Sept 2004. Please note that recent FCC interpretation is that SAR probes are to have one year or less calibration cycle. Please retest those configurations where probe serial number is 1813.

An expired calibration certificate was erroneously included in the SAR report. A revised version of the report has been updated with the current certificate.

6. Please note that the dipole calibration data for SN476 is Jan 2005. The FCC has recently stated that cal cycle for SAR equipment is not to exceed 1 year. Please correct and re-measure as needed.

The dipole manufacturer (SPEAG) states a calibration cycle of 2 years is adequate.