

27) The tune up mentions 29.2 dBm (840 mW), while the maximum power measured in the Part 24 report was 740 mW. Please explain.

Sorry, is mistake. 29dBm is 794mW on SAR report.

For SAR report, 29.0dBm (794mW) is conducted output power, is same as FCC part 24 4.1(P7) output power 28.9dBm (780mW).

And, 740mW is for Max EIRP.

28) The SAR report page 3 mentions a 29 dBm conducted measurement which equals 794 mW. However the power listed next to this cites 870 mW. Please explain the difference. What was measured?

Sorry, is mistake. 29dBm is 794mW.

Additionally, please note that conducted measurements should also have been performed and shown in the Part 24 report. The FCC asks that we review power cited in the theory of operation, tune up procedure, EMC report and SAR report. Additionally, they require that

- a) Powers in SAR report must agree with EMC report and tune-up procedure and
- b) Conducted power in SAR report should be greater than or equal to what's in EMC report, but not exceeding tune-up/tolerance. If conducted powers are not shown in the Part 24 report as well, this can not adequately be determined. Also note that power measurements cited in the theory and SAR report appear somewhat inconsistent. Please review/correct as necessary.

Understand! we will attention.

29) Please provide a list of any manufacturer body worn supplied accessories for this device (holsters, etc.). Additionally, please explain if there are there any manufacturer offered accessories for use with this device which may affect SAR (battery options, etc.). Please explain.

Please reference to Fig.16, 17, 18, and table supplied accessories is earphone.

So, our testing is including earphone.

30) The statement of compliance on the bottom of page 3 of the SAR report should also cite compliance with FCC RF exposure requirements as required by §2.1093.

OK. We corrected.

31) When information reported in the users manual reports SAR values, it should match the SAR values measured. Please correct the users manual to report the correct SAR values.

OK.

32) Liquid parameters must be measured each day of testing as a minimum, or more were high conditions of evaporation or low humidity exist. It appears that parameters were only measured on October 2004.

Sorry, is mistake. We corrected.

33) FYIPage 18 and Table 2 only appear to mention an 1800 MHz dipole. Although in the past the FCC has stated verification frequency(s) must be within ± 100 MHz of

device center frequency(s), most actually provide this at 1900. It is recommended to use this for future applications.

Understand!

34) The report only mentions 1800 MHz Validation equipment, but it appears the validation was done at 1900 MHz. Note this would not be allowed as the resonance of the equipment at the different frequencies is unknown, expected values are for correct dipole and medium, etc. Note the paragraph on page 19 mentions 1800. However the data tables on page 19 and plots support 1900 MHz using 1800 MHz equipment.

That is our misunderstanding and mistake.

So, combine question 33 and 34, we should have 1900MHz validation Kit that will be better. Or, we can still use 1800MHz validation Kit, but also calibrate at 1800MHz. On our testing data, that is testing on 1900MHz. We will change our testing SOP to 1800MHz. Can we change procedure on next time?

35) In the future, please consider placing larger test configuration photographs (1-2 per page) in the report. The current photographs are smaller than desired.

OK, we will attention.

36) Some SAR plots show secondary hot spots. In these cases, both hot spots should be checked to ensure worse case was measured.

Because in DASY's setting, if second hot point is small than first hot point 0.2dB and max value small than 0.5, than SAR plot will appear first hot point only.

37) Liquid parameters given on SAR plots do not appear to match information in previous tables regarding liquid parameters measured. Please review. Additionally, these parameters should have been measured the day of test. It does not appear this was the case. Sorry, is mistake. We corrected.

38) The FCC asks that Ambient and liquid temperatures be placed on all plots. This does not appear to have been done.

Please reference 10.1(p24) and 10.5(p26), we have show on Table already.

39) Test Report should document:

- a) report probe **tip distance** to phantom inner surface
- b) that the distance between the measurement point (distance + offset) at the probe sensor location (geometric center behind the probe tip) and the phantom surface is < 8.0 mm and maintained at a constant distance of +/- 1.0 mm during an area scan to determine peak SAR locations
- c) if probe boundary effect compensation is used or not. If not the probe tip should be positioned at least half a probe tip diameter from the phantom surface during area and zoom scans.

Please reference to 5.1.1 page7, which include some probe information (Distance from probe tip to dipole centers: 2.7mm)