

RESPONSE to RA25 EMC REPORT

- 1.) Please review the Effective Radiated Power test on page 9. You have two limits shown – 500W and 2000W. Which is correct?

Answer: We have corrected it on page 22. 2000W is correct.

- 2.) The effective radiated power test is confused with conducted power. Conducted power should be done on three channels – low, medium and high. Radiated power should be done on a test range using the substitution method described in TIA/EIA 603. Please be aware that radiated power tests where a simple field strength reading from a spectrum analyzer is converted to radiated power readings is not suitable. Be sure to show your work and calculations in your Test Report.

Answer: We have corrected it on Page 22.

- 3.) What is the purpose of the plot on Page 19? What are you trying to illustrate?

Answer: We have corrected it for adding the test information. Please see page 19.

- 4.) With the radiated spurious emissions, only the substitution method is allowed for Licensed devices. Your radiated emissions test is not suitable. Your test equipment list includes only one antenna and no signal generators or amplifiers. How is it possible to do substitution without two antennas, and two cables, and a signal source?

Answer: We have corrected it for adding the test equipments. Please see page 16.

- 5.) Who is Donald Duck and why is he doing a fast method of compliance testing?

Answer: We had revised and submitted. Please see it on page 16. Donald Duck is his English name. We have changed it to his Chinese name.

- 6.) Your spurious emissions at antenna terminals plots on page 22 indicate an uncalibrated setting was chosen. This is never appropriate for FCC compliance work. Please review and correct.

Answer: We have corrected it and submitted. Please see page 26-27.

- 7.) Your frequency stability references to Part 22 are not appropriate. See 27.54. Prove that for all instances of expected environmental conditions this broadband device will stay within the permitted band. Also, in the opinion of this Reviewer, 20 minutes is far too short a time to allow for device stabilization. No less than 2 hours for this base station in a power off state is necessary for this device.

Answer: We have corrected it.