

## Cover Letter

1. Page 10 of 27 of report. Test procedure 4. says that the EUT received 8DCV power from the adapter, the adapter received AC 120V/60 Hz power through the Line Impedance Stabilization Network (LISN) Page 11 of 27 under Test Results says Not applicable (Since the EUT is powered by battery) Please explain this discrepancy.

Please see the revised Test report, it's a mistake, I have corrected it to "If a EUT....." The EUT in this project power DC3V from battery

2. Page 5 of 27 of test report states testing commenced on August 19, 2008. Under Test Equipment, the Ultra Broadband Antenna, Serial Number 100015 has a Last Cal date of 2007/06. If the antenna is on a yearly calibration cycle, this antenna appears to be out of calibration. Please explain.

It's my carelessness. The last cal date should be 2007/10. I have corrected it.

3. Page 13 of 27 of test report under Test Procedures states "The EUT was placed on a turn table which is 0.8m above ground plane." The test setup photos appear to be that of a floor standing EUT. Please explain this discrepancy.

The EUT is a floor standing device, so it placed on a turn table which is 0.1m above ground plane. Please see the revised test report.

4. Please provide the model and manufacturer of the test chamber for Radiated Emissions? What is the calibration date and cycle for your Radiated Emissions test chamber?

The manufacturer is ETS-LINDGREN. Serial number : AJ 593 HTW.

5. Page 17 of 27 of test report for Test Configuration shows a setup which is a conducted measurement. Test Procedures describe performing radiated measurements. Please clarify if the Rohde & Schwarz plots on pages 17 & 18 are Radiated or Conducted?

The test configuration as Section 4.2 is radiated measurements. Please see the revised test report.

6. Page 13 of 27 references 15.109. What was the highest frequency investigated?

According to FCC Part 15.109, the product should be tested to 25GHz.

7. In accordance with § 15.33 Frequency range of radiated measurements, For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to at least: If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency.

In test report, page 14 indicate that data of measurement within this frequency range shown “---” in the table means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. So, the 3<sup>rd</sup> harmonic to 10<sup>th</sup> harmonic needn't to show in table.

8. For the EUT under § 15.249, what was the highest frequency investigated?

The EUT operation frequency is 2410~2470 MHz, so the test results show the Top channel for 2470MHz , middle channel for 2440 MHz and bottom channel for 2410 MHz.

9. Block Diagram - The diagram does not appear to show the frequency of all the oscillators in the EUT.

The revised Block Diagram has been re-mailed to MET.

10. Internal photos of circuit board seem to be a bit unclear. Please retake and resend.

The internal photos, when I zooming the display scale using PDF. I can read the value of circuit board very clear. You can to try doing it.

Best Regards,

  
2008-9-10

## Jennifer Sanchez

---

**From:** Tracy.Qi [tracy.qi@szhtw.com.cn]  
**Sent:** Wednesday, September 10, 2008 12:23 AM  
**To:** Jennifer Sanchez; Andy Guan  
**Cc:** Angela Kekovski; Jenn Warnell; Jennifer Sanchez  
**Subject:** Re: RE: A new application intend to apply for FCC ID: VFI95481805 and IC: 7196A-95481805

**Importance:** High

**Attachments:** Block Diagram\_Rev1.pdf; Test Report\_Rev2.pdf; Cover Letter-2.pdf



Block Diagram\_Rev1.pdf (36 KB)  
Test Report\_Rev2.pdf (3 M)  
Cover Letter-2.pdf (21 KB)

Dear Jennifer,

Thank you for your mail.

Please kindly get the cover letter-2 and revised files.

If you have any questions, please let me know.

Best regards!

Tracy

---

发件人 : Jennifer Sanchez

发送日期 : 2008-09-10 07:28:01

收件人 : Andy Guan; Tracy.Qi

抄送 : Angela Kekovski; Jenn Warnell; Jennifer Sanchez

主题 : RE: A new application intend to apply for FCC ID: VFI95481805 and IC: 7196A-95481805

Hi Andy and Tracy,

Please find attached the quote per your request.

If you have any questions or concerns, please let me know.

Thanks!

Mrs. J. Sanchez

TCB Administrator

MET Laboratories (Santa Clara, CA)

408-207-4785 Direct

408-829-1603 Cell

jsanchez@metlabs.com

-----Original Message-----