

Jennifer Sanchez

From: Jennifer Sanchez
Sent: Friday, January 08, 2010 9:26 AM
To: Len Knight
Cc: Jennifer Sanchez; Jenn Warnell; Shawn McMillen
Subject: FW: RTs for 81748 (Model 7200)
Importance: High
Attachments: EMCS81748B-FCC90Y Rev 1.pdf

Hi Len,

Please find attached the revised Part 90 report and response.

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 please consider the environment before printing this email

From: Anderson Sounghpanya
Sent: Wednesday, January 06, 2010 6:42 PM
To: Jenn Warnell
Cc: Jennifer Sanchez
Subject: RE: RTs for 81748 (Model 7200)

Hi Jenn,

My comments are in **BLACK**. Let me know if you have any questions.

Report:

Page 4 of 55:

Under EUT Specification. States that EUT is powered through a laptop. Page 7 of 55 seems to contradict.

This has been corrected

Page 8 of 55:

Modifications to the EUT are listed but there is no explanation why.

Pending Client's response to RCA.

Page 10 of 55:

Test Procedures seem to contradict RF Power Output Test Setup

This has been corrected

Page 25 of 55:
Test Procedures seem to contradict RF Conducted Spurious Test Setup.

This has been corrected

Page 18 of 55:
Test Procedures seem to contradict the Occupied Bandwidth Test Setup.

This has been corrected

Page 46 of 55:
MPE calculated for a 19 dBi and 5 dBi antennas. However, presented as exhibits are 9 dBi and 16 dBi antenna data sheets. Was the calculation for a 19 dBi antenna considered a worst case condition?

Yes, 19dBi is considered worst case. Also MPE has been revised.

Page 35 of 55:
Test Procedures describe antenna substitution for the method of measurement (which is acceptable). The plots on the following pages don't seem to support antenna substitution.

Plots provided show that no peaks or spurious were detected. 30MHz-40GHz was only noise floor. With no peaks or spurious found, performing signal substitution was unnecessary.

A note has been added stating, "Signal substitution was not performed due to the fact that only noise floor was detected from 30 MHz – 40 GHz."

Page 47 of 55:
What equipment was used for radiated investigation above 18 GHz?

A horn antenna was used to investigate from 18-26GHz. It is in the cal list. Anderson made an engineering judgment based on the fact that no spurious was found 30 MHz – 26GHz radiated and no spurious was found conducted 26-40 Ghz that doing a radiated measurement from 26-40GHz was unnecessary as it would yield only noise floor results.

MET Asset #	Equipment	Manufacturer	Model	Last Cal Date	Cal Due Date
1S2202	ANTENNA, HORN, 1 METER	EMCO	3116	04/10/2007	04/10/2010