

Jennifer Sanchez

From: Jennifer Sanchez
Sent: Friday, January 08, 2010 9:24 AM
To: Len Knight
Cc: Jennifer Sanchez; Jenn Warnell; Shawn McMillen
Subject: FW: 15E RTs for 81748 (Model 7200)
Importance: High
Attachments: EMCS81748C-FCC407 Rev 1.pdf

Hi Len,
Please find attached the revised report and response.

Thanks

J. Sanchez

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From: Len Knight
Sent: Wednesday, January 06, 2010 3:49 PM
To: Jennifer Sanchez
Subject: RTs for 81748

For the report:

General: The use of EUT and UUT is not consistent. Just a typo.
Corrected

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Under EUT Specifications lists Primary Power as 12 VDC which seems to contradict the rest of the test report. Does the EUT run off of both DC and AC?

Corrected

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Modifications to the EUT are listed but there is no explanation why. According to ANSI C63.4:

If any modifications are made to the EUT to bring the EUT into compliance with the appropriate specifications, the test report shall give a complete description of, and reasons for, these modifications.

The modifications are made to comply with Surge and CEV Immunity test. Still waiting for the RCA from Paul

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The test procedures reference ANSI C63.4-1992.

Test Requirements. There is a typo under the impedance of the LISN.

Corrected

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What type of configuration was used for the Combined Ports Measurements?

Corrected

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Just a typo. The frequency range of operation of the EUT is 5745-5805. Undesirable Emissions for this range fall under 5.407(b)(4) and that section is not listed under Test Requirements.

Corrected

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What was the highest frequency of investigation?

Up to 40GB. Since the emissions were measured at the noise floor of the spectrum analyzer at 3rd harmonic, the rest of the harmonic emission measurements were not recorded.

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The plots presented are in dBm. Does this represent EIRP?

Yes.

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Is there a summary table missing? Under the Test Procedures, it mentions tabulated data. Also, was the EUT only tested running off of AC? Can the unit run off of DC as well or only AC?

There is no summary table since it doesn't have the 20ppm limit. The outdoor EUT is AC power only.