
From: Ilarina, Alvin
Sent: Thursday, November 20, 2008 10:48 PM
To: PCTEST TCB
Subject: RE: Questions Regarding FCC ID: AL8-WH100
Hi Greg,

Please see response below.

Let me know if there is anything else you need.

Thanks,

Alvin Ilarina
Compliance Engineer
Plantronics

From: PCTEST TCB
Sent: Tuesday, November 11, 2008 1:32 PM
Subject: Questions Regarding FCC ID: AL8-WH100

To: Mr. Alvin Ilarina/ Plantronics
From: Mr. Gregory Czumak / PCTEST TCB
RE: FCC ID: AL8-WH100

Applicant: Plantronics

Correspondence Reference Number: AL881052
Confirmation Number: 811031052
Date of Original Email: November 11, 2008

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. Please address Section 15.203.
[The equipment has an integral antenna that is printed on the PCB.](#)
2. Pages 11 and 25 of the EMC report list FCC ID: AL8-WH101 for the Theo Headset (Lo TX)- is this a typo? If so, please correct.
[This is a typo. Please see attached "R72895 Rev 2.pdf" for corrections.](#)
3. The laptop pc and monitor listed as support equipment on pages 12 and 27 of the EMC report do not show FCC ID numbers. Please provide these, or else indicate if they were authorized under DoC.

Support equipment authorized under DoC. Please see attached "R72895 Rev 2.pdf" for corrections.

4. Please provide a block diagram of the test set ups used for EMC testing, showing the various connections between the EUT and support equipment. The test configuration is unclear.

Block diagrams have been incorporated in the attached "R72895 Rev 2.pdf" Appendix C.

5. The FCC permits a variance in output power of up to 0.5 dB between units tested for EMC and SAR. The reported power level in the SAR report (19 dBm) exceeds the level reported in the RF conducted EMC report (18.07 dBm) by more than 0.5 dB. Please address.

The rated output power of the sample was reported to the SAR lab in error. The actual output power of the SAR sample measured before SAR testing was 18.2 dBm. This has been provided to the SAR lab and incorporated into the report. Please see revised "Plantronics WH100 Headset SAR Report (S927T-111908-R1.1).pdf"

6. Please provide detailed justification (timing plots, etc.) for the 4% source-based time averaged crest factor used in the SAR testing.

Please reference attached "Celltech Response to TCB (S927T-112008).pdf"

7. It appears that the SAR System Verification target in the SAR report was derived from a single measurement performed by the test lab. This is not permitted by the FCC, which requires that the SAR values measured in the SAR System Verification test be within 10% of the manufacturer calibrated dipole SAR values. Please provide this value, and recalculate the System Verification results using it.

Please reference attached "Celltech Response to TCB (S927T-112008).pdf"

8. Please justify the SAR Report uncertainty components for boundary effect. They appear lower than the system manufacturer specified value.

Please reference attached "Celltech Response to TCB (S927T-112008).pdf"

9. "Device Positioning" and "Device Holder Uncertainty" in the SAR Report shows that it is site specific, but the uncertainty values are identical to that of the SPEAG test site. Please clarify.

Please reference attached "Celltech Response to TCB (S927T-112008).pdf"

The items indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,

Gregory Czumak
Senior Certification Engineer
Quality Manager

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