

Regarding the request by Plantronics for Equipment Authorization for the CS55/CS55 Micro under the provisions of 47CFR15 Subpart D

S. Cahill, Oct. 31st, 2005

Revised Nov. 10 2005: added exhibits #13 and #14, and corrected exhibit a and b references in extant exhibit listing.

Revised Nov. 11 2005: separated product photos from exhibits #10a and #10b as exhibits #15a and #15b, and partitioned Exhibit #11a into Exhibit #11aa and Exhibit #11ab, to facilitate electronic transfers.

To whom it may concern:

Plantronics is providing the following exhibits in support of this request.

Identifier and equipment class:

AL8CS55XXXX Base - PUB, Unlicensed PCS base unit.

AL8CS55YYYY Headset - PUE, Unlicensed PCS unit held to ear.

Exhibit #1a, 1b: Letters of Confidentiality for the base and the headset.

Exhibit #2: User's Manual, with required text per part 15, p/n 70678

Exhibit #3a, 3b: Product label file detailing FCC ID number assignments for the base and the headset

Exhibit #4: Theory of operation, CS55 base and headset

Exhibit #5: Operational block diagrams, CS55 base and headset

Exhibit #6a, 6b: Detailed schematics, CS55 base and headset

Exhibit #7a, 7b: SAR test reports, CS55 base and headset, performed by Celltech Labs

Exhibit #8a, 8b: External photographs, CS55 base and headset, both microphone arrangements

Exhibit #9a, 9b: Internal photographs, CS55 base and headset

Exhibit #10a, 10b: Certified Lab test reports prepared by Elliott Labs - A/C line conducted emissions and Class B Digital Device radiated emissions measurements and reports for the base and the headset with the microphone in two positions; at the user's mouth, and with the microphone contained within the body of the headset, the tests labeled CS55 (#10a) and CS55 Micro (#10b), respectively.

Exhibit #11a, 11b: Conducted test report, CS55 base and headset, according to the requirements for UPCS compliance, V3.3 (draft) of C63.17-2005, split into two sections for emailing under the 5Mbyte limit.

Exhibit #12: UTAM membership affidavit

Exhibit #13: SAR Probe Calibration report, the missing Appendix F of SAR test reports exhibits #7a and b.

Exhibit #14: Response to SAR measurement question - 1g vs. 10g Celltech Response Letter Nov\_10\_05

Exhibit #15a, 15b: CS55 product photographs for tests of long and short-boom microphone configurations, taken during Certified Lab tests; appendixes C and D of Exhibits #10a and #10b.

The following contacts are provided for response to inquiries:

1) Steve Cahill, 831-458-7512 - Principal RF Engineer  
[steve.cahill@plantronics.com](mailto:steve.cahill@plantronics.com) (technical)

2) Chris Brady, 831-458-7704 - Product Manager  
[chris.brady@plantronics.com](mailto:chris.brady@plantronics.com) (non-technical)

Regards  
Steve Cahill

