

APPLICANT: CHERISH TELECOM CO., LTD.
FCC ID: FNXCS201
NAME OF TEST: POWER SPECTRAL DENSITY
RULES PART NUMBER: 15.247(d)
REQUIREMENTS: The peak level measured must be no greater than +8.0dBm.
DATA: THE PLOTS ARE SHOWN IN EXHIBITS 15A & 15B.

Calculation:

Level on Plot: -106.57 dBm
Attenuation Used: +30.0 dB
Correction factor for 3 kHz RBW: +35.0 dB

BASE UNIT The HIGHEST level was at -43.97 dBm

HANDSET The HIGHEST level was at -41.57 dBm

The antenna was disconnected and the output was connected to a coaxial attenuator and to the spectrum analyzer and the power spectral density was measured at the low end of band, middle of band, and the high end of the band for both the handset & the base unit. The plots of the power spectral power density for the low end of the band, middle of the band, and the high end of the band for both the handset & the base are attached as exhibit 15 a-f.

RULES PART NUMBER: 15.247(e)

REQUIREMENTS:

DATA: The processing gain information supplied by the manufacturer is 10.0dB.

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