

To: Steve Dayhoff
From: Bob Green, Transcept
Subject: Questions from 7/2/01 e-mail.
Reference: FCC ID OOTCELL1900TM
Applicant: Transcept Inc.
Correspondence Ref No. 19832 731

Responses to submitted Questions:

1. CW Jamming test Data.

Please see 1900TMattach5a.pdf, 1900TMattach5b.pdf.

2. There are four possible operating frequencies for the Data link module. 5736, 5758, 5817, and 5839Mhz. These are center frequencies. The signal is spread +/- 8.5Mhz from center. There is some Spectral re-growth (side lobes) due to the amplification used in the system. Power outside the block needs to be at least 20dB below that of the peak signal level within the block. The worst case measured level was at 5854Mhz and was 27.8dB below. At 5859Mhz it was measured to be 47.7dB below.
3. 15.247(b) The power level measured at the antenna terminal of the enclosure is less than 1 watt. Because this is a tower-mounted system, there would also be additional loss through the cabling To the antenna. The loss would be dependent on the length of cable used. The cable we specify Has 4.76dB of loss per 100 feet. (Typical lengths would be between 150 to 250 feet)