

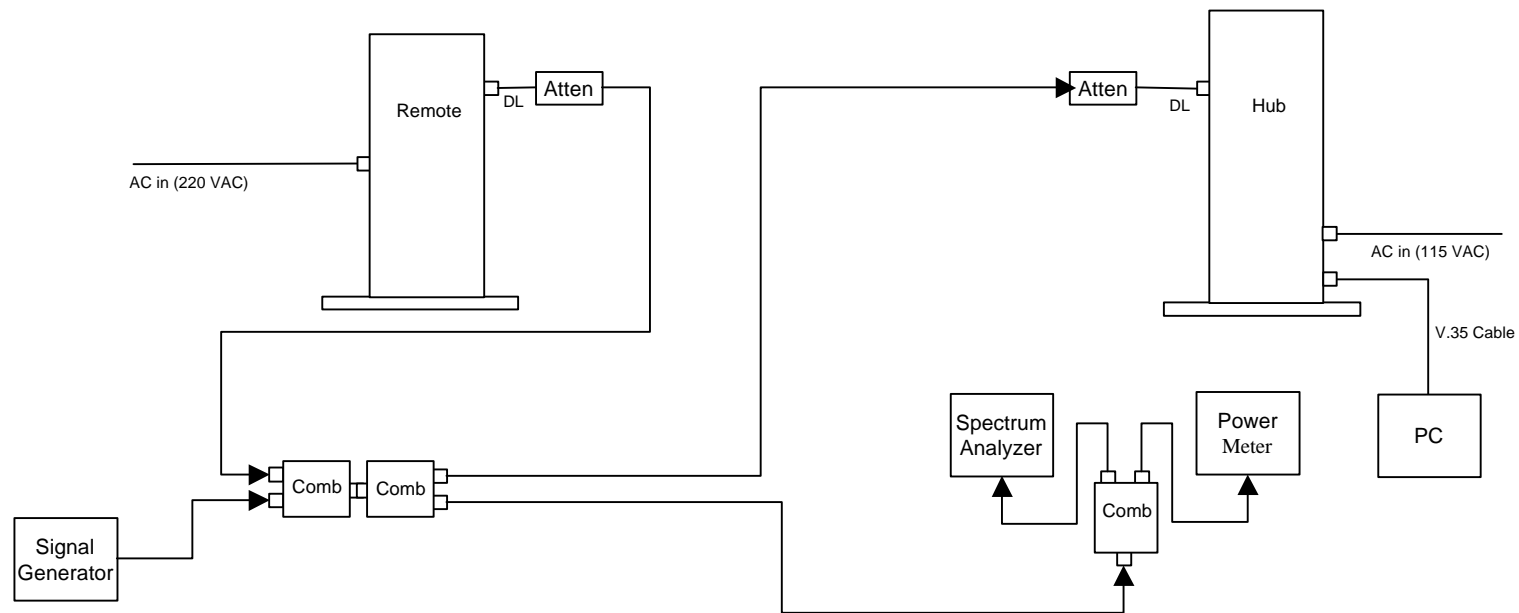
47 CFR 2.1051 (For 5.8Ghz Intentional Radiator)

There are no measurable harmonic or spurious outputs outside the band of 5725 to 5850 MHz. This is due to the rejection provided by the internal filtering of the datalink duplexer. Out of band rejection is equal to or greater than 60 dB.

This testing conducted at Transcept Inc. on January 26th, 2001. As a typical unit rests at ground level underneath a cellular tower of indeterminate height, actual power outputs vary with antenna placement. However, since the maximum output power of the DLM transmitter has been measured at 29 dBm, and

this transmitter is being employed exclusively for point-to-point communications, the actual antenna data is not required for this test under 47CFR15.247b3(ii). The antenna ports were connected to 50 ohm N-type cables, as would be seen in an actual deployment. See Figure 1 below for test setup.

## Data Link Signal to Jammer Testing



FCC Part 15.247 (e)(2) Test Set-Up

Figure 1

08:21:28 26 JAN 2001

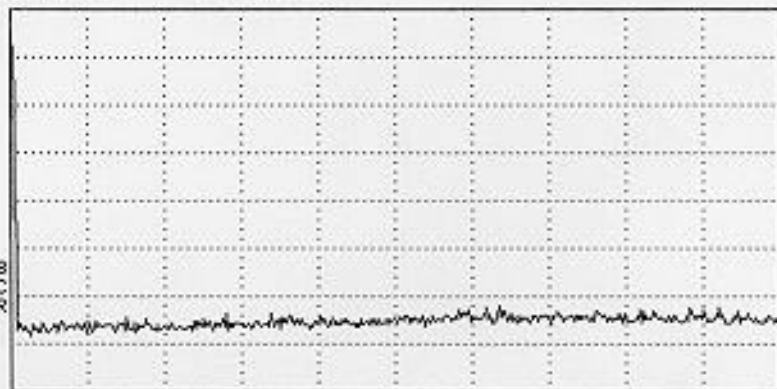
REF 9.0 dBm AT 20 dB HUB Channel 1, Atten set to 10 dB

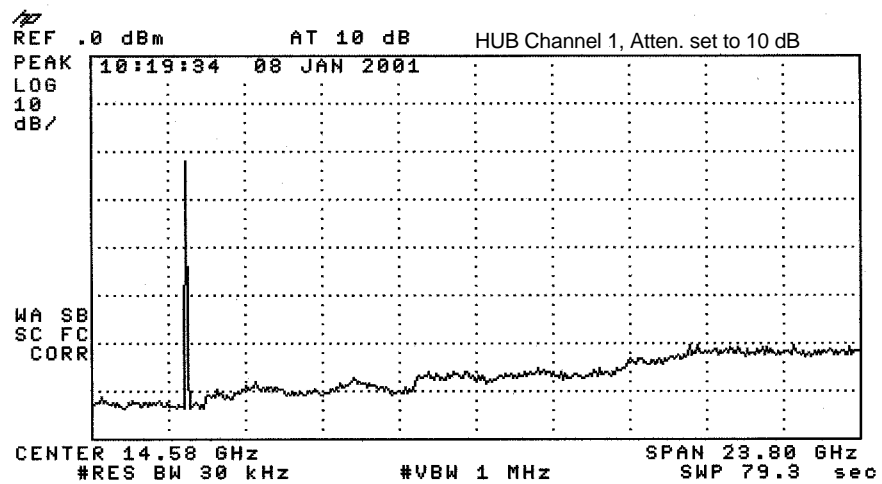
PEAK  
LOG  
10  
dB/

HA SB  
SC FC  
CORR

M

START 0 Hz STOP 2.680 GHz  
RES BW 3.0 MHz VBW 1 MHz SNP 53.6 nsec





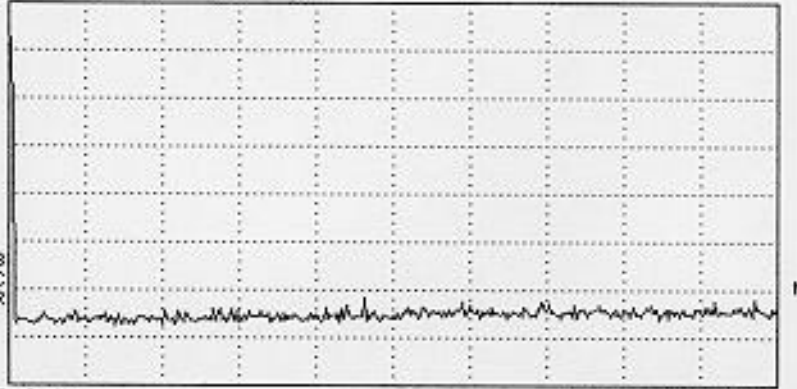
08:12:57 26 JAN 2001

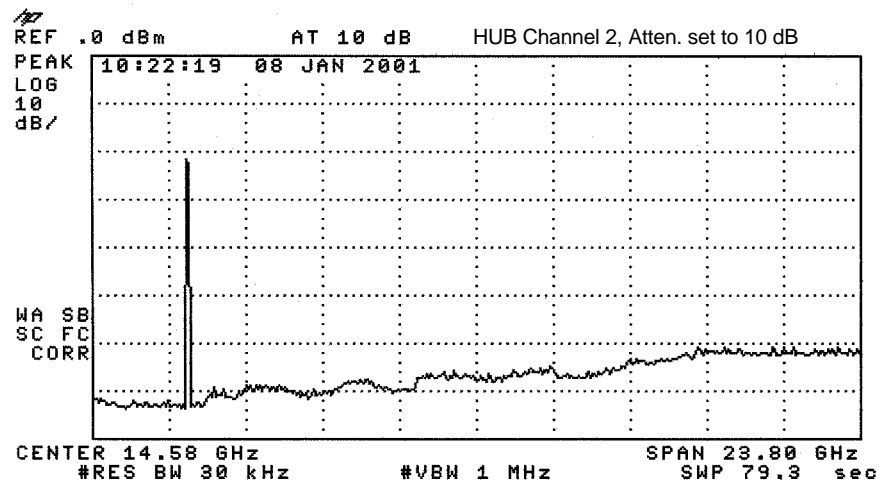
REF 9.0 dBm AT 20 dB HUB Channel 2, Atten. set to 10 dB

PEAK  
LOG  
10  
dB/

HA SB  
SC FC  
CORR

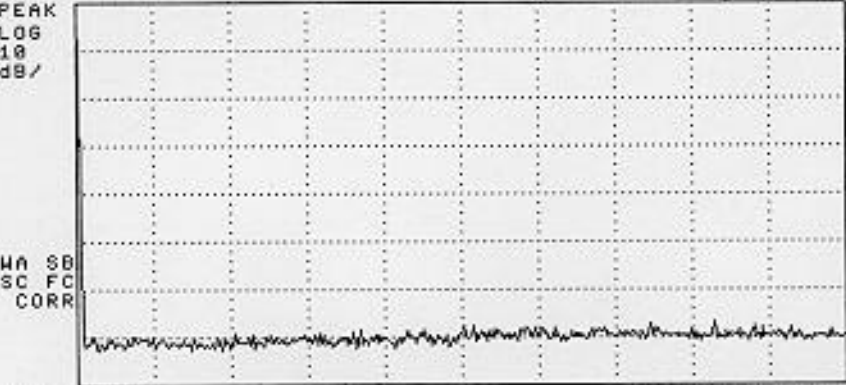
START 0 Hz RES BW 3.0 MHz VBN 1 MHz STOP 2.680 GHz SWP 53.6 msec





08:08:28 25 JAN 2001

REF 9.0 dBm AT 20 dB REM Channel 5, Atten. set to 10 dB

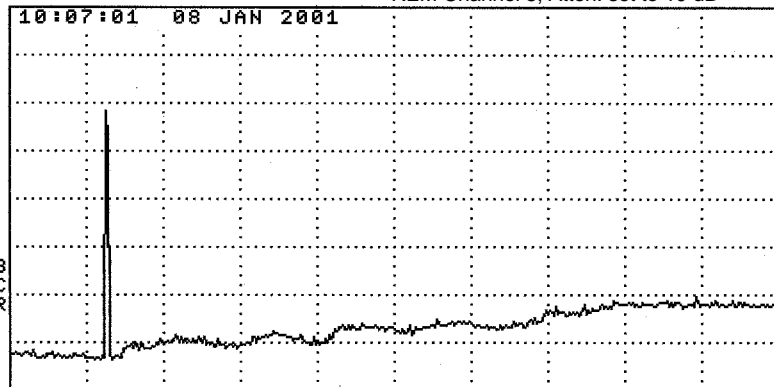


START 0 Hz STOP 2.680 GHz  
RES BW 1.0 MHz VBW 300 kHz SWP 53.6 msec

REF .0 dBm AT 10 dB REM Channel 5, Atten. set to 10 dB

PEAK 10:07:01 08 JAN 2001  
LOG  
10  
dB/

WA SB  
SC FC  
CORR



CENTER 14.58 GHz SPAN 23.80 GHz  
#RES BW 30 kHz #VBW 1 MHz SWP 79.3 sec



08:07:14 26 JAN 2001

REF 9.0 dBm AT 20 dB REM Channel 6, Atten. set to 10 dB

PEAK  
LOG  
10  
dB/

WA SB  
SC FC  
CORR

M

START 0 Hz STOP 2.680 GHz  
RES BW 1.0 MHz VBW 300 kHz SWP 53.6 nsec

