

The plots contained herein that you asked for show the low and high bandedges tested with the highest gain (parabolic dish) antenna. This uses a 17 foot , Flexco cable and horn antenna. No preamp was used. The limits were derived as follows.

Low Bandedge: 5000 uV/m = -33.02 dBm

-33.02 dBm -31.88 dB (Antenna Factor and Cable loss) = -64.9 dBm
-64.9 dBm + 9.54* dB = -55.36 dBm limit

High Bandedge: 5000 uV/m = -33.02 dBm

-33.02 dBm -32.03 dB (Antenna Factor and Cable loss) = -65.05 dBm
-65.05 dBm + 9.54* dB = -55.51 dBm limit

* = -9.54 dB correction from 3m to 1m distance.

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REF .0 dBm

AT 10 dB

MKR 2.484050 GHz
-65.91 dBm

PEAK
LOG
10
dB/

DL
-55.5
dBm

VA SB
SC FC
CORR

MARKER
2.484050 GHz
-65.91 dBm

CENTER 2.484500 GHz
#RES BW 1.0 MHz

#VBW 1 MHz

SPAN 2.000 MHz
SWP 20.0 msec

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REF .0 dBm

AT 10 dB

MKR 2.389615 GHz
-60.85 dBm

PEAK
LOG
10
dB/

DL
-55.4
dBm

VA SB
SC FC
CORR

MARKER
2.389615 GHz
-60.85 dBm

CENTER 2.389000 GHz
#RES BW 1.0 MHz

#VBW 1 MHz

SPAN 2.000 MHz
SWP 20.0 msec

