

ISAT US Inc.
FCC Form 312
EXHIBIT B

The following attachments contain the plots for the proposed earth station terminals with respect to the requirements established by FCC §25.138 and §25.209.

EXHIBIT B-1

Plots for Cobham terminal models 3075 and 5075

The following attachment contains all the plots requested for showing the compliance of the Cobham 3075 and 5075 terminals with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

1. Plots for terminal type 75cm 3075GX and 5075GX

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

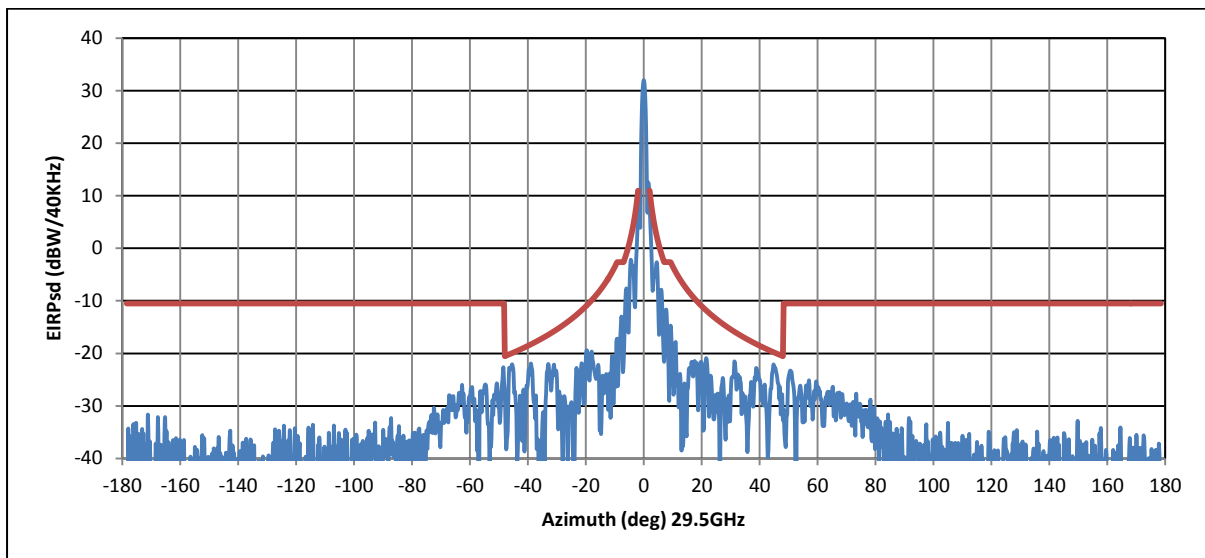


Figure 2 - Plot for 29.75 GHz

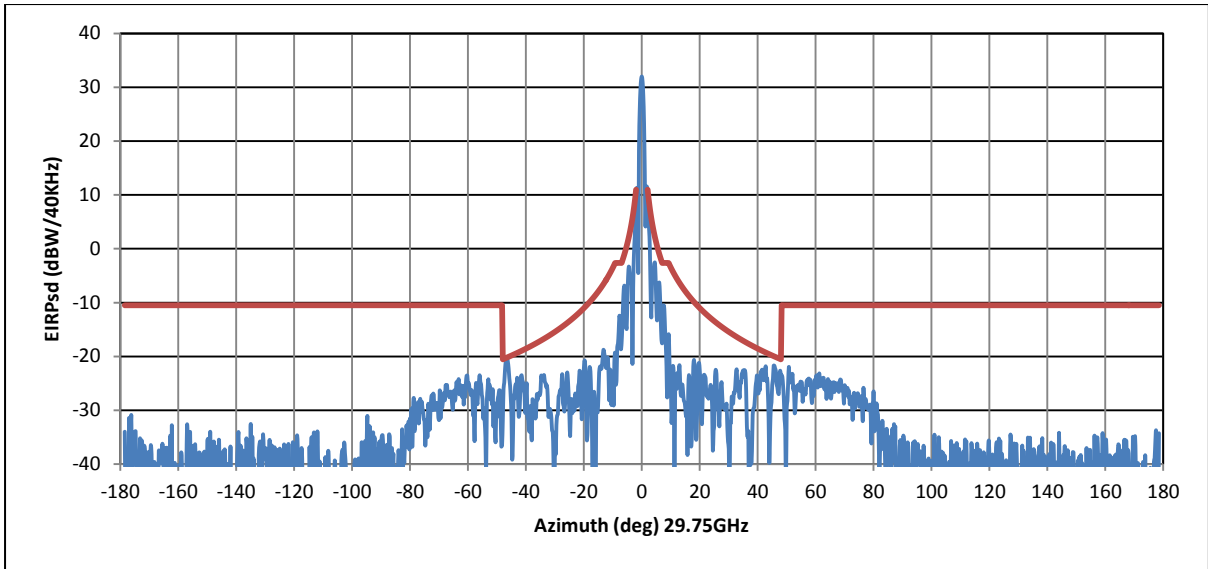
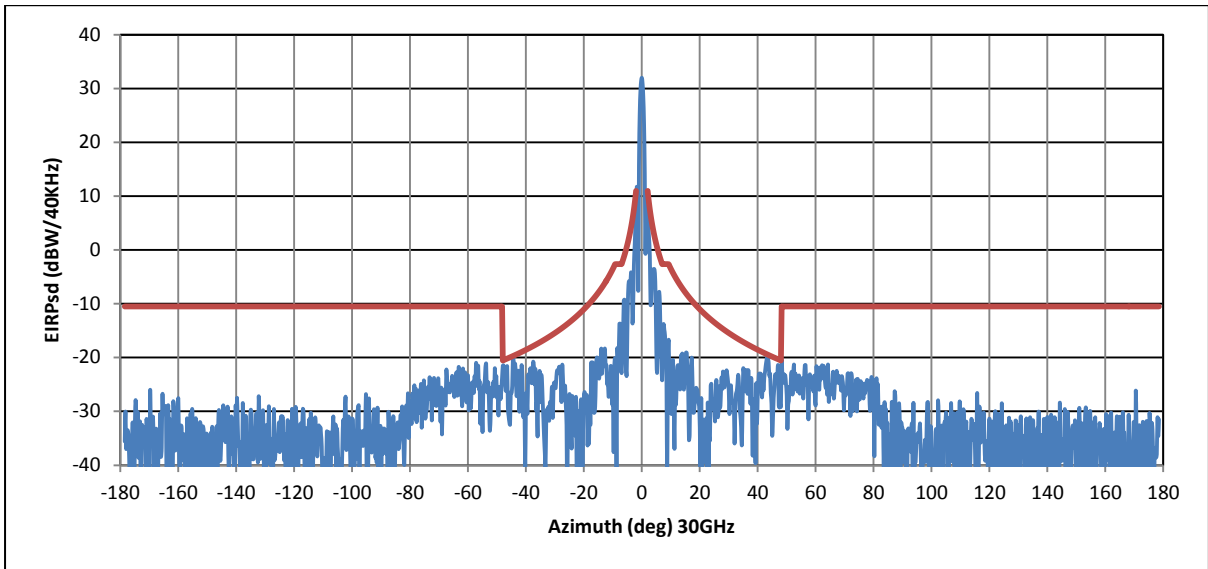


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

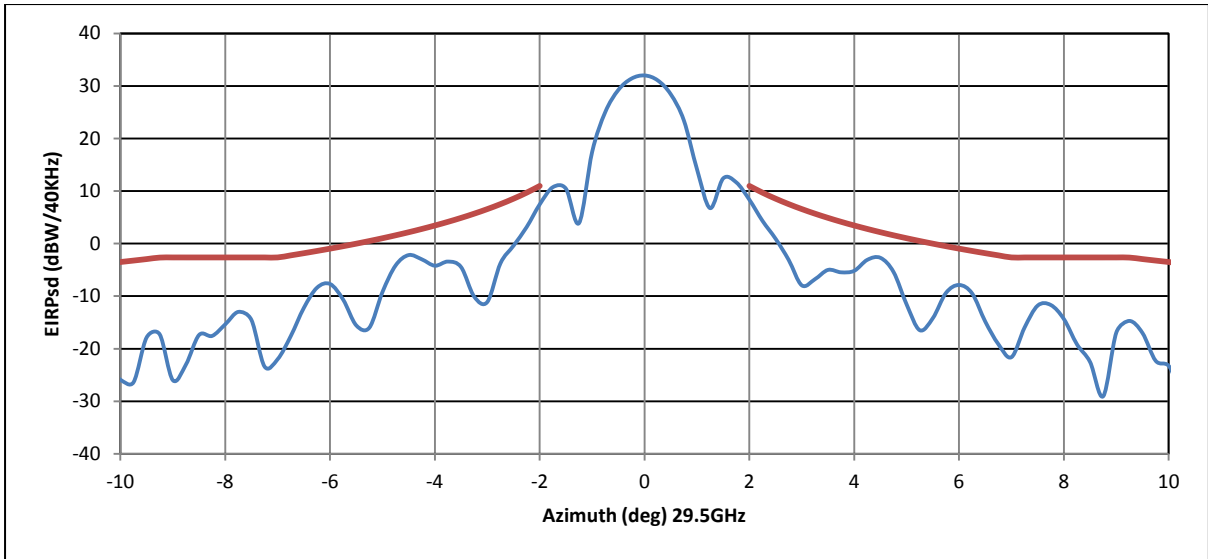


Figure 5 - Plot for 29.75 GHz

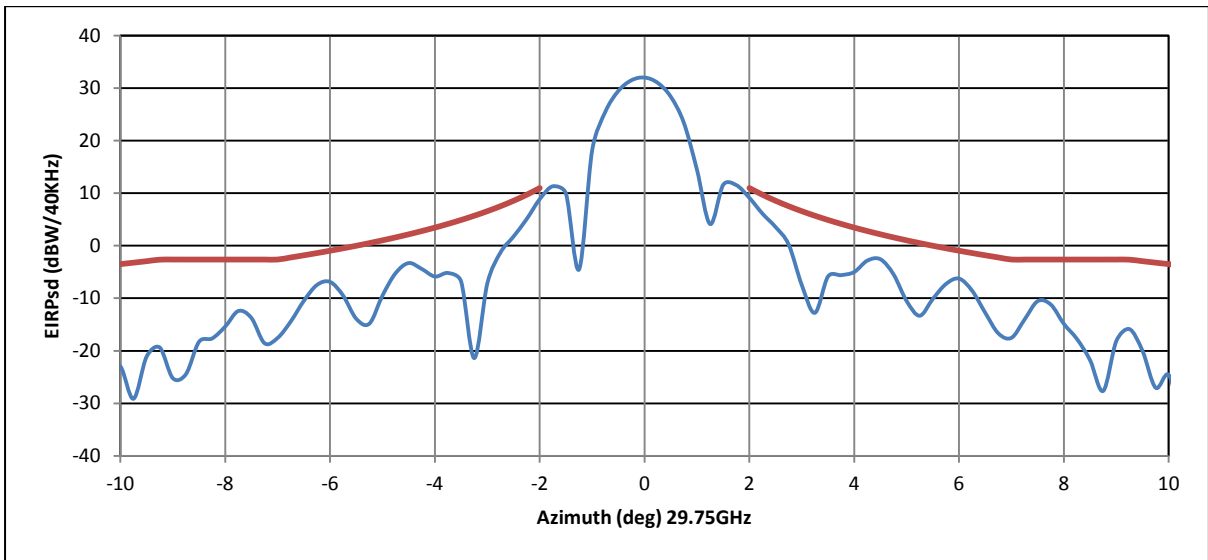
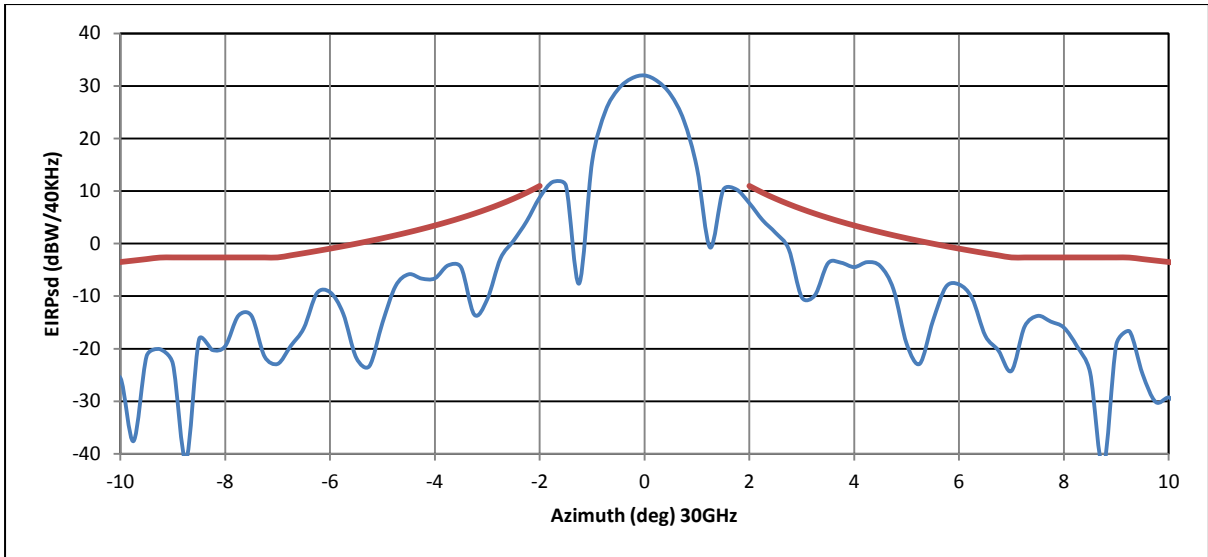


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

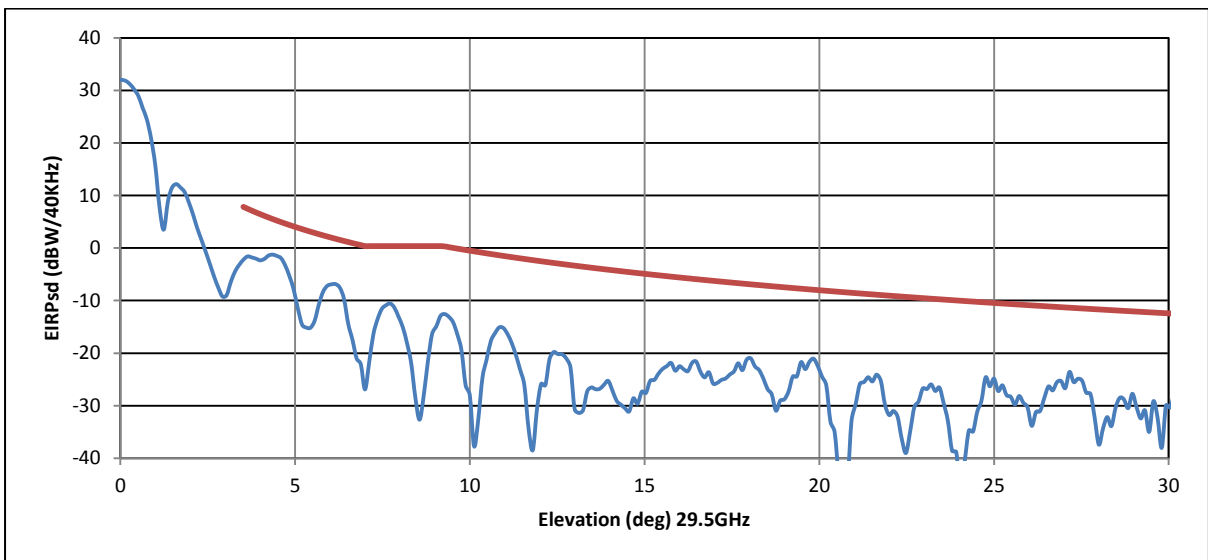


Figure 8 - Plot for 29.75 GHz

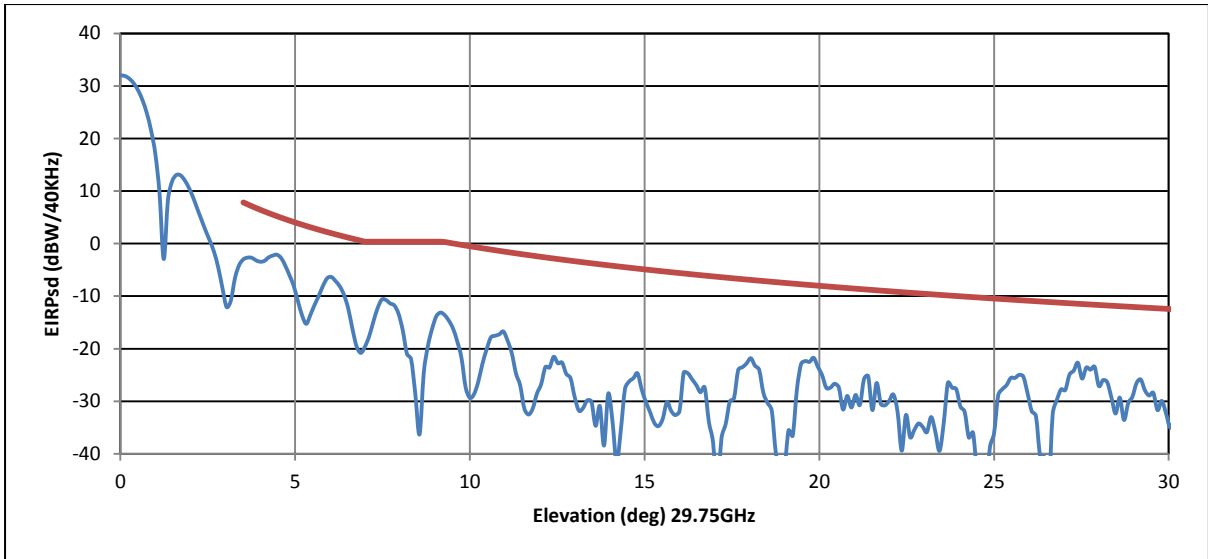
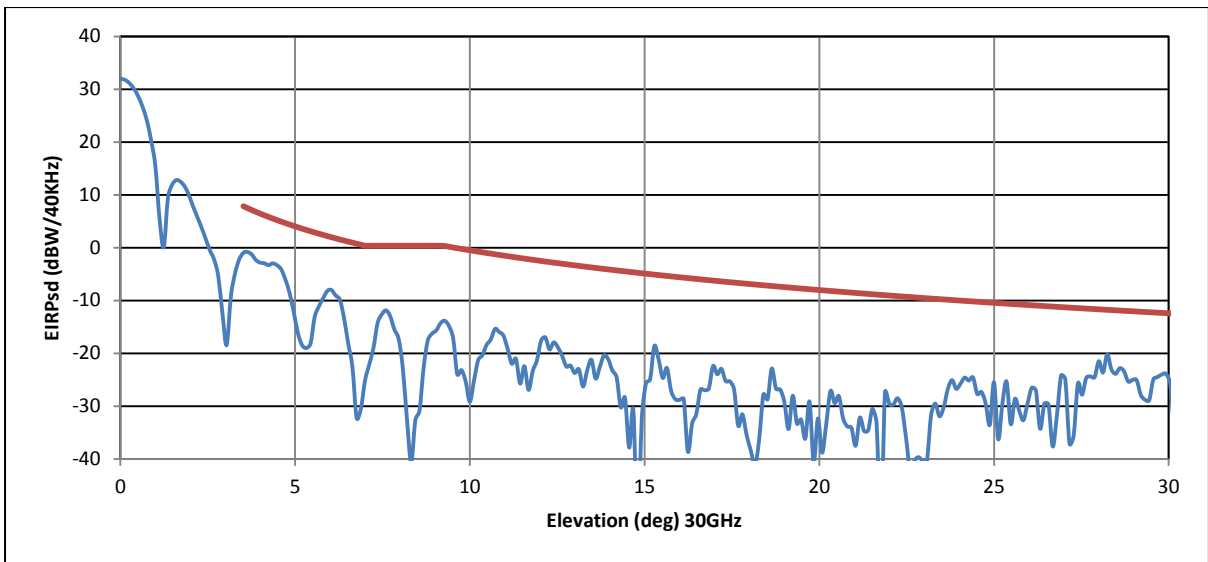


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

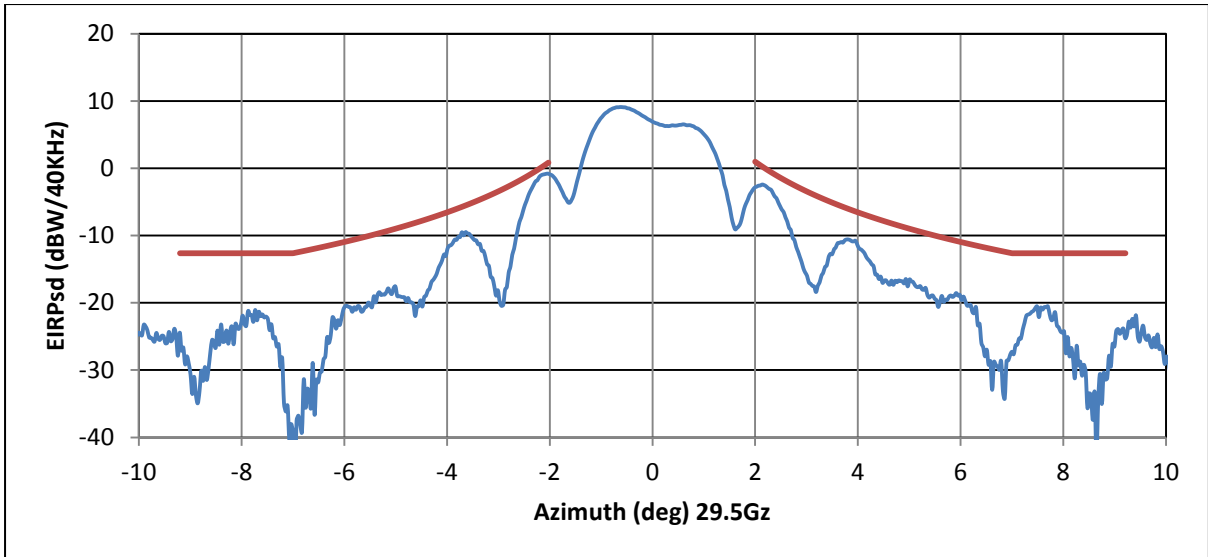


Figure 11 - Plot for 29.75 GHz

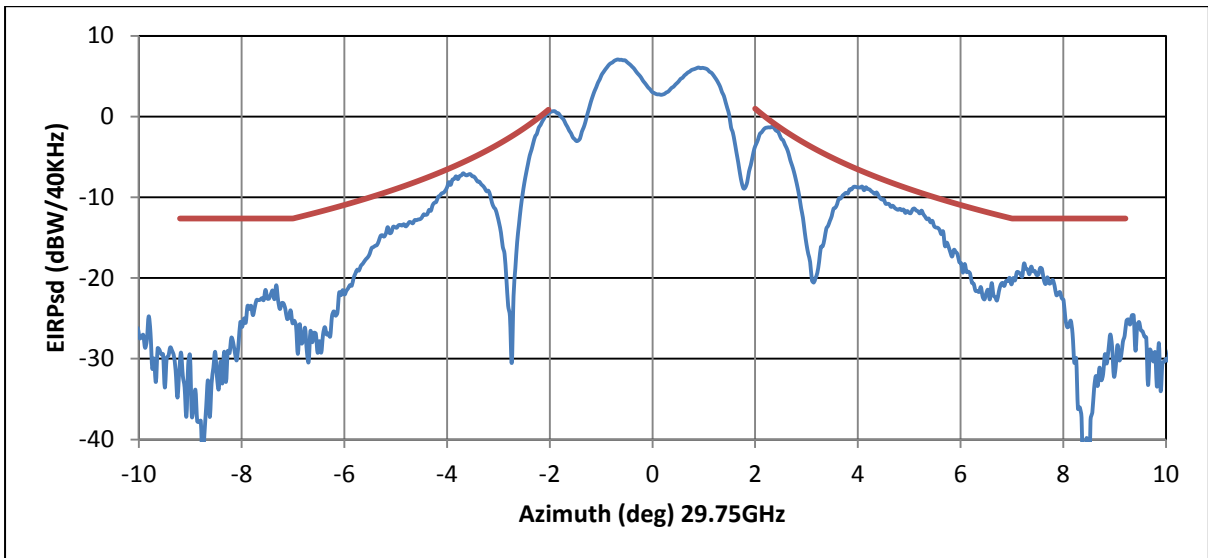
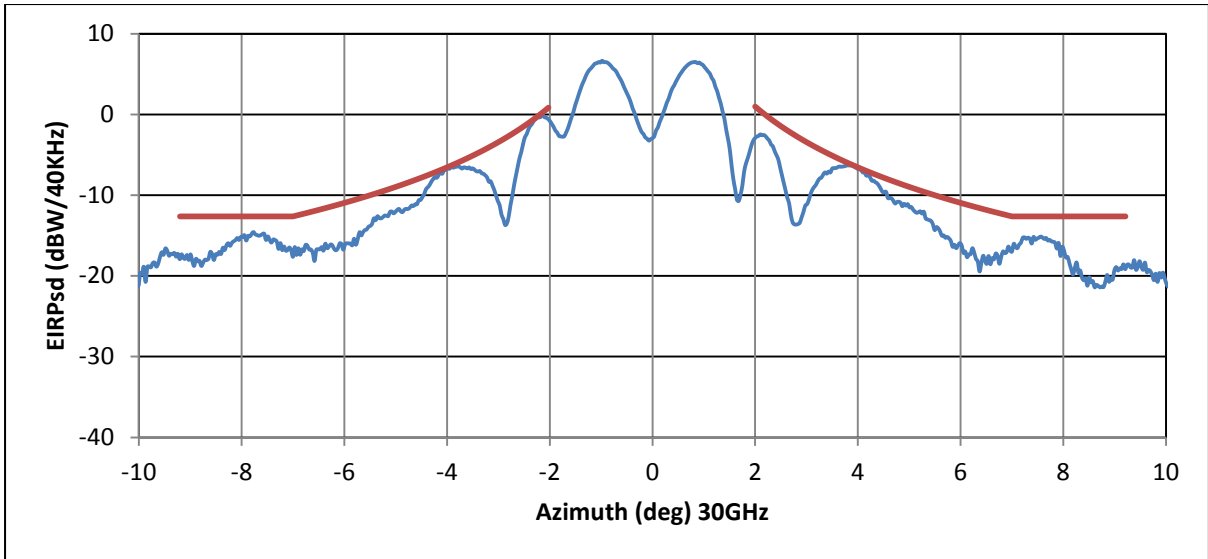


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

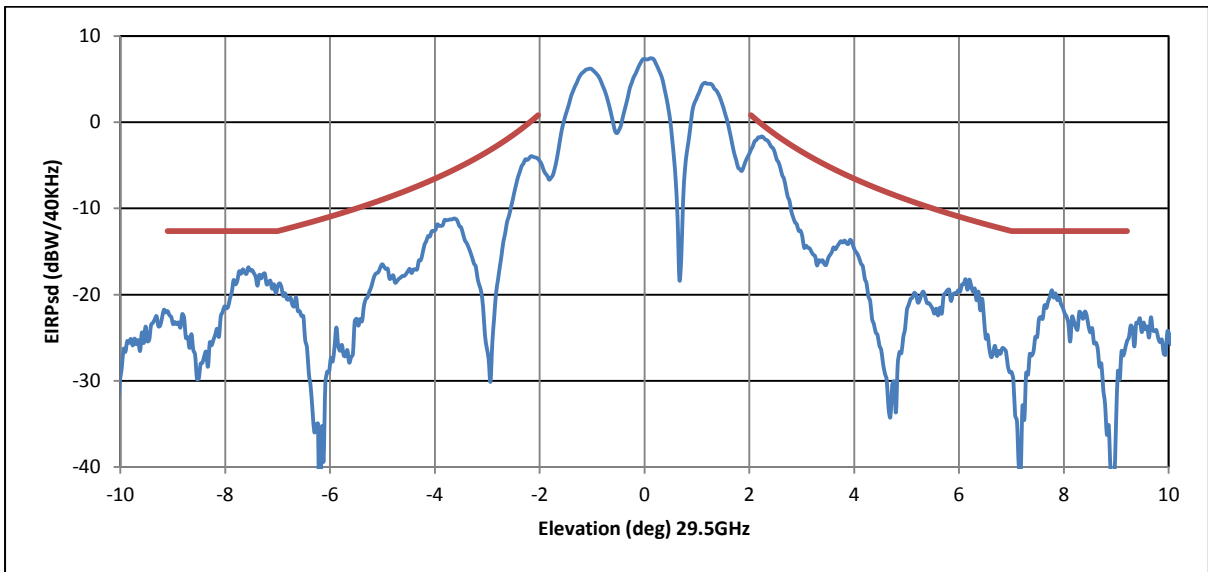


Figure 14 - Plot for 29.75 GHz

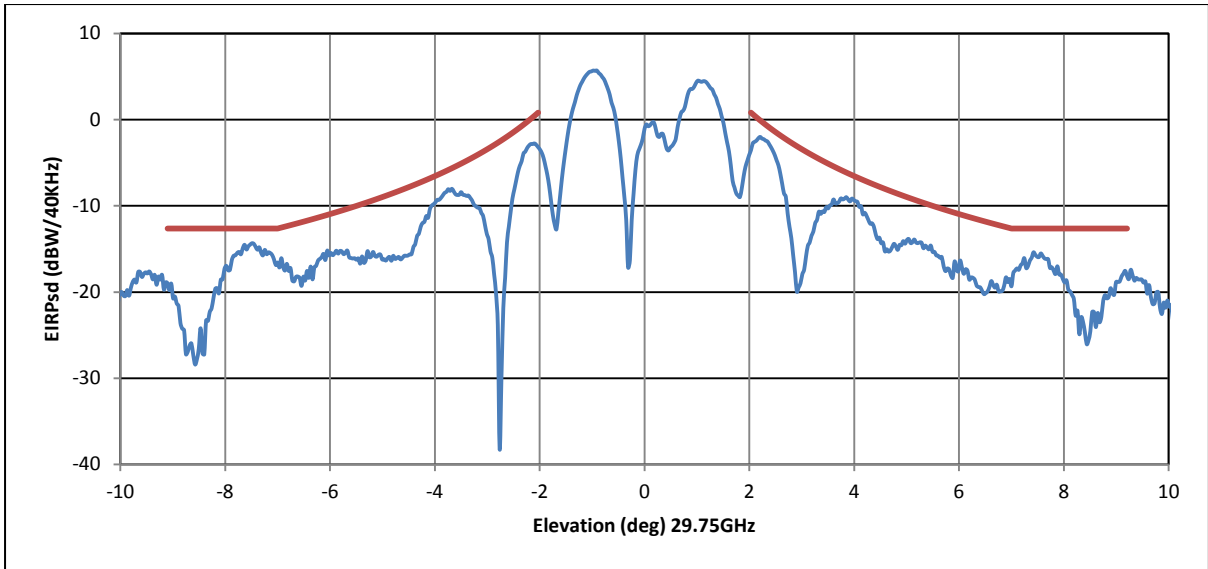
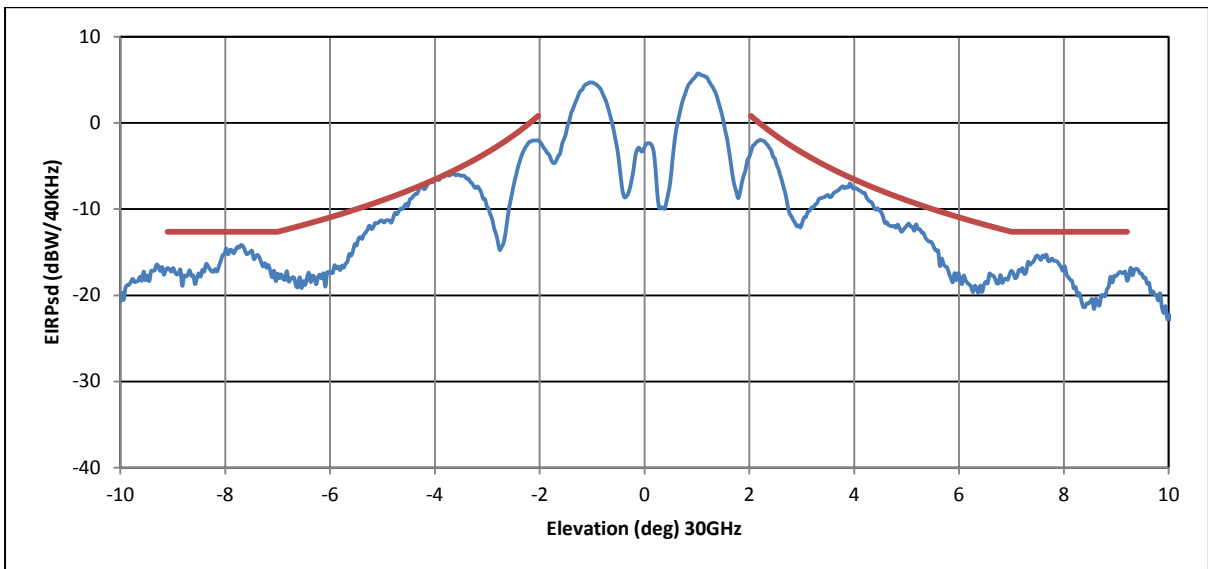


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

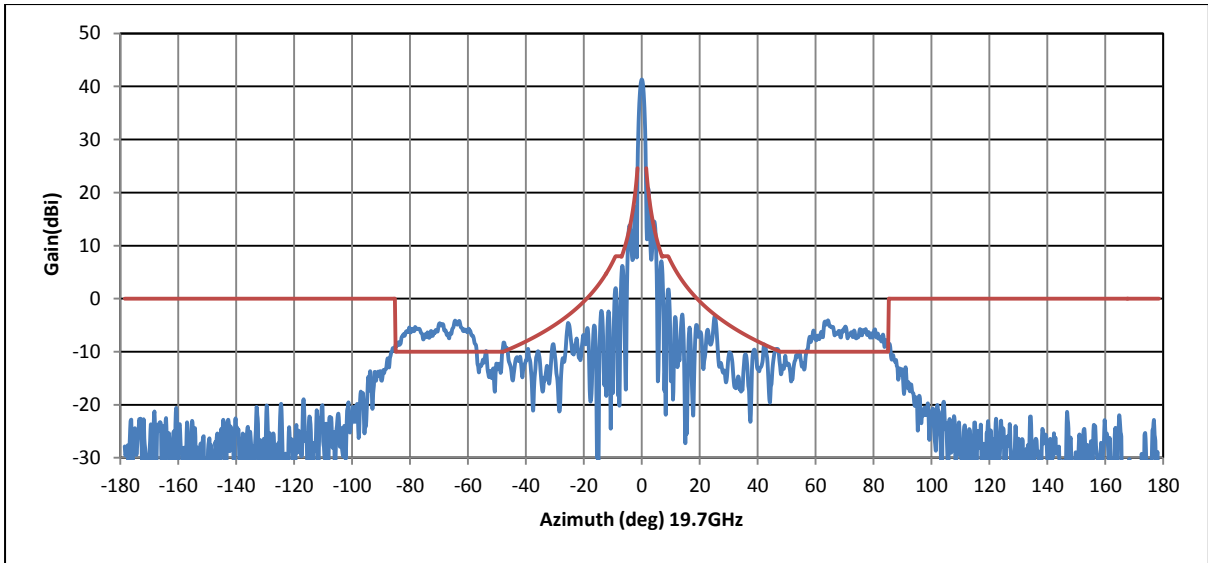


Figure 17 - Plot for 19.95 GHz

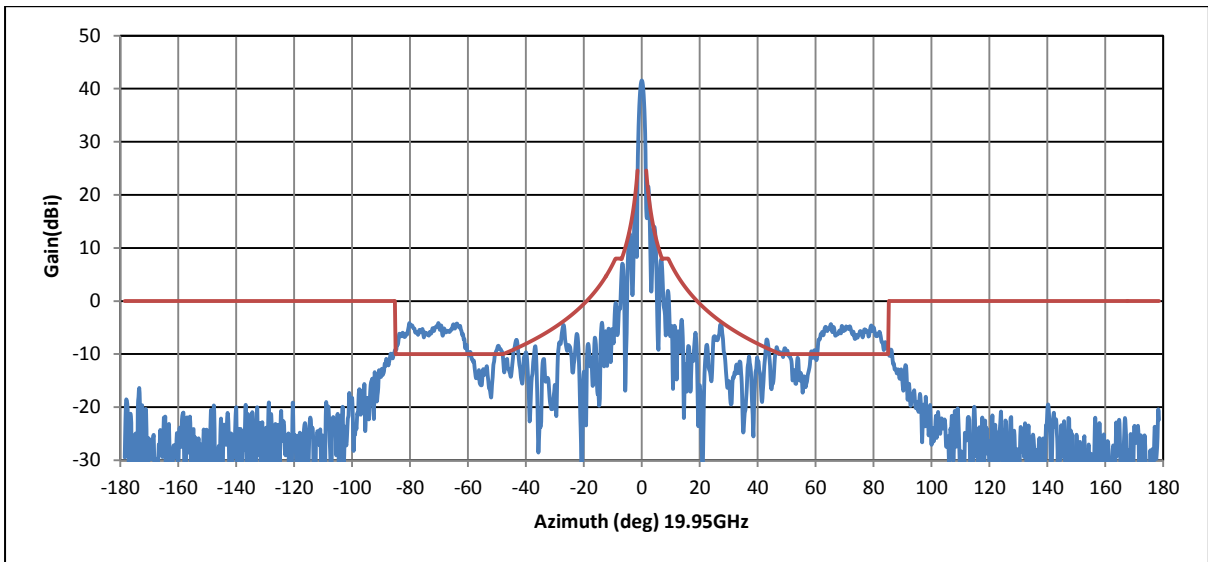
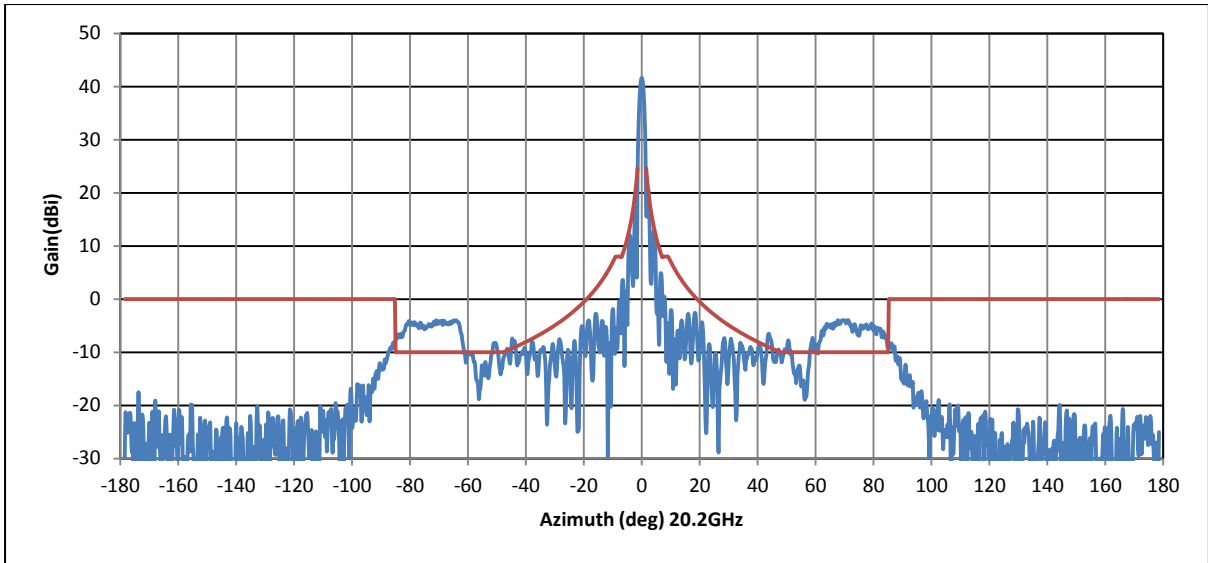


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

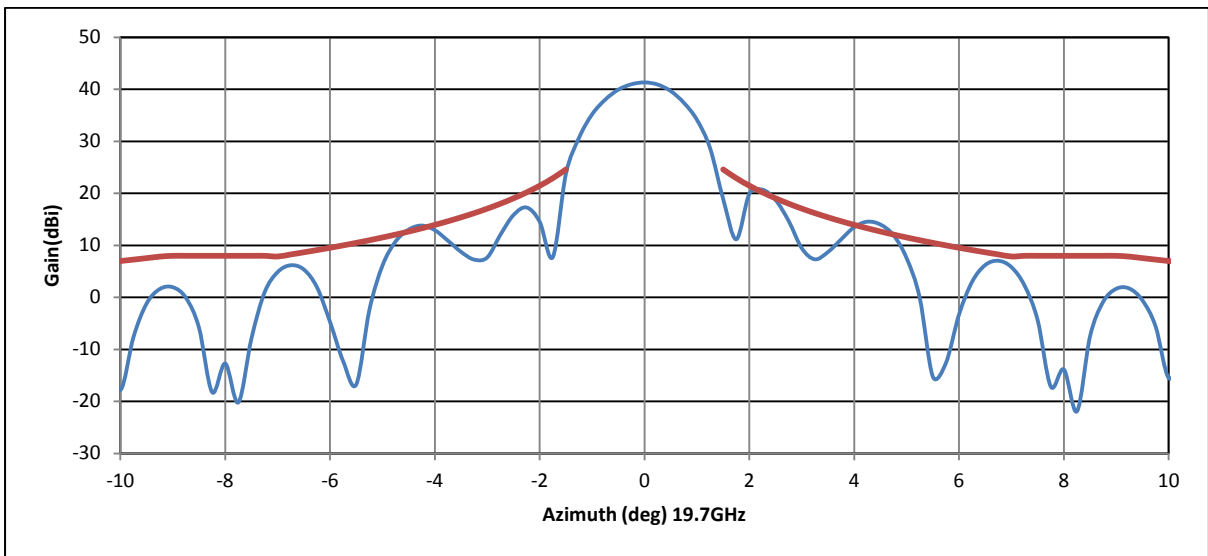


Figure 20 - Plot for 19.95 GHz

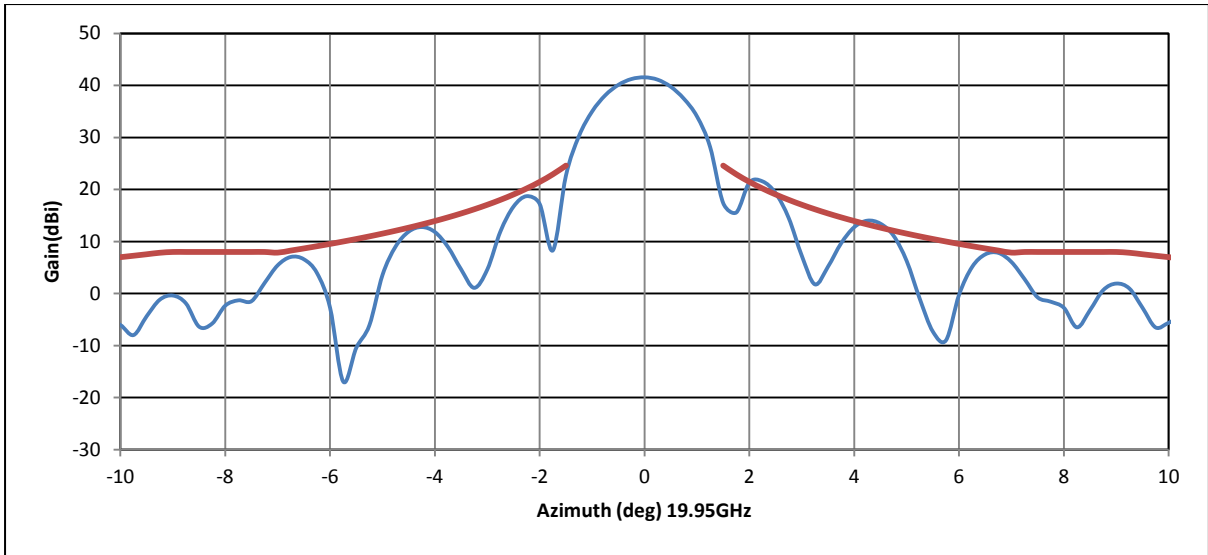
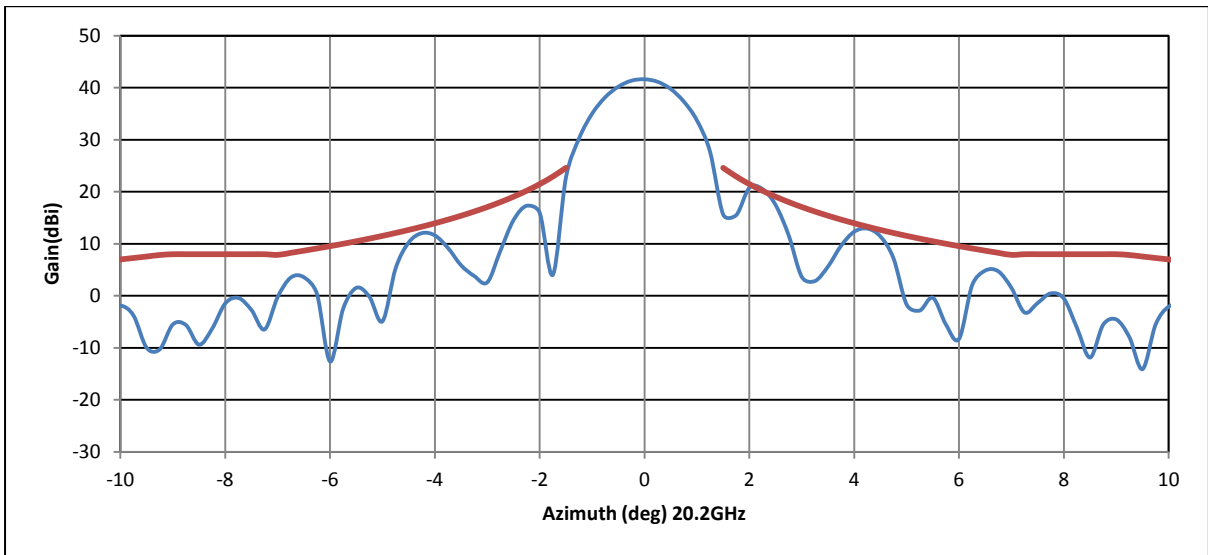


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

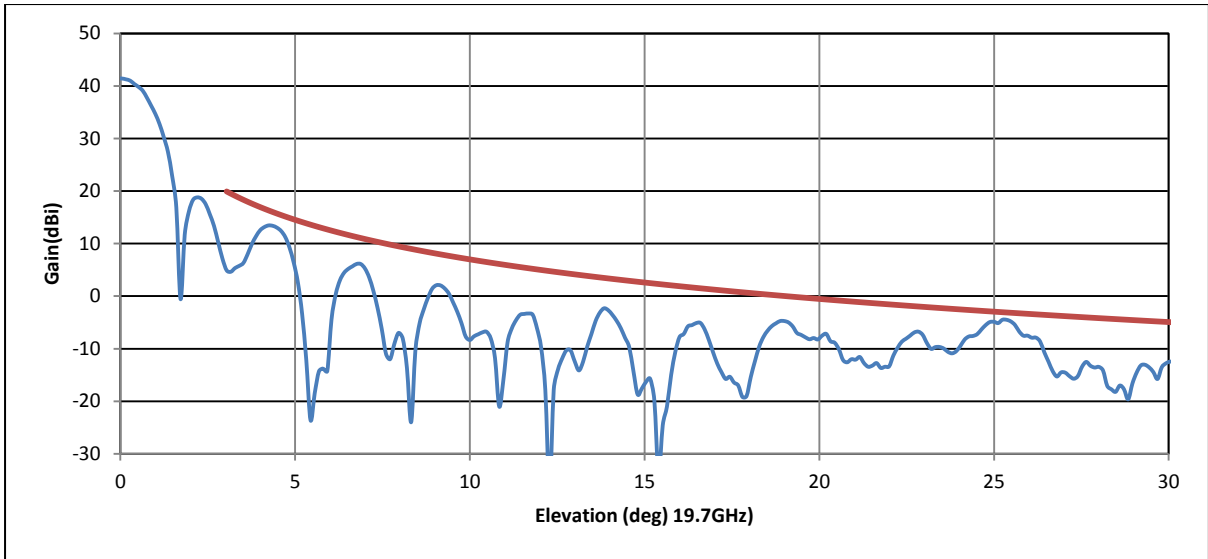


Figure 23 - Plot for 19.95 GHz

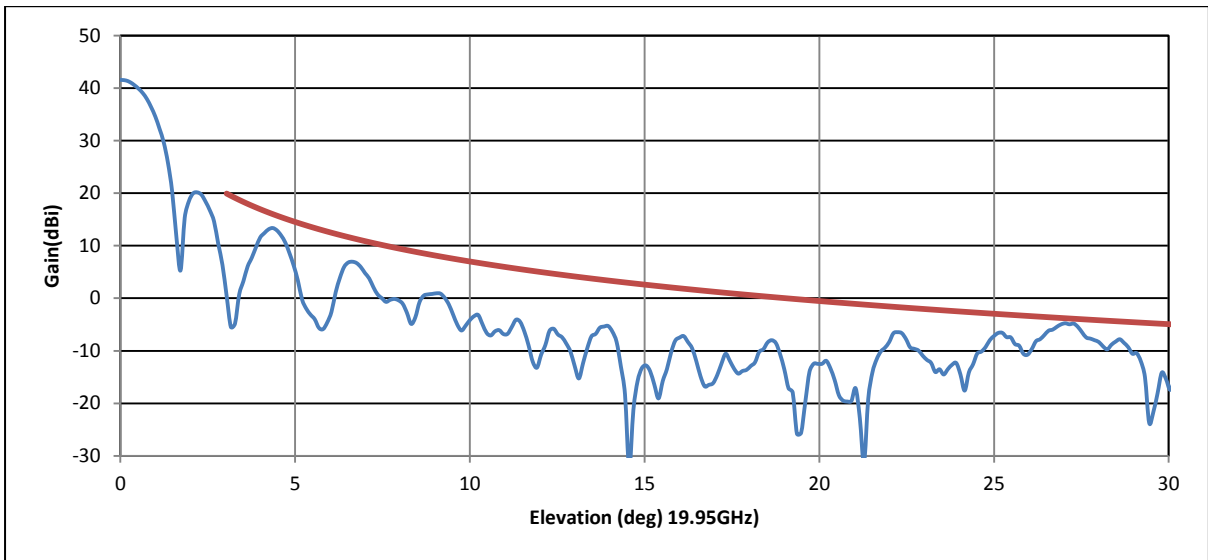
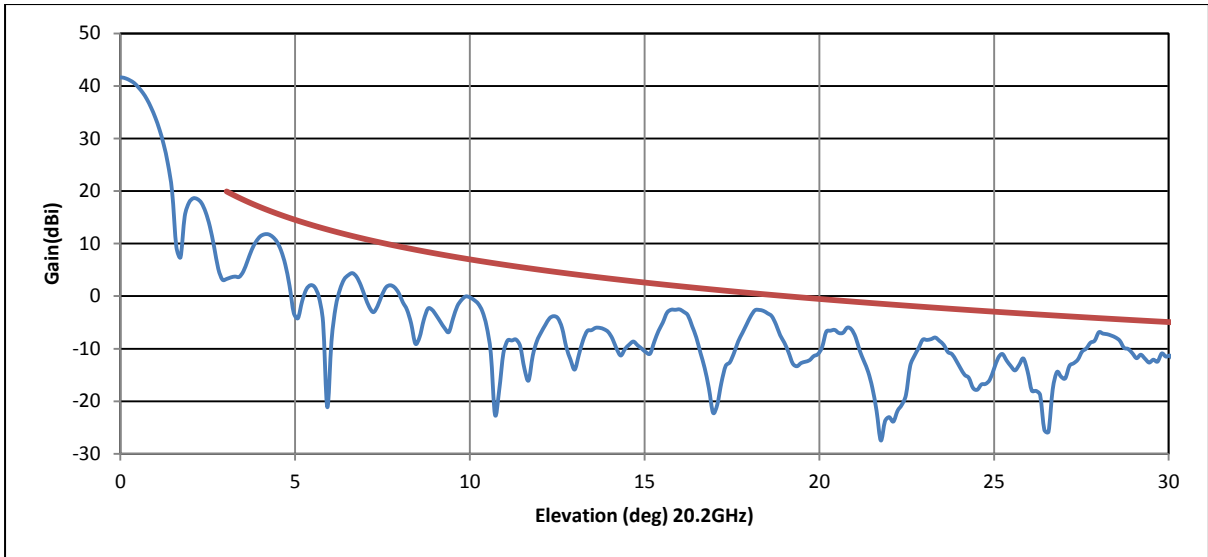


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

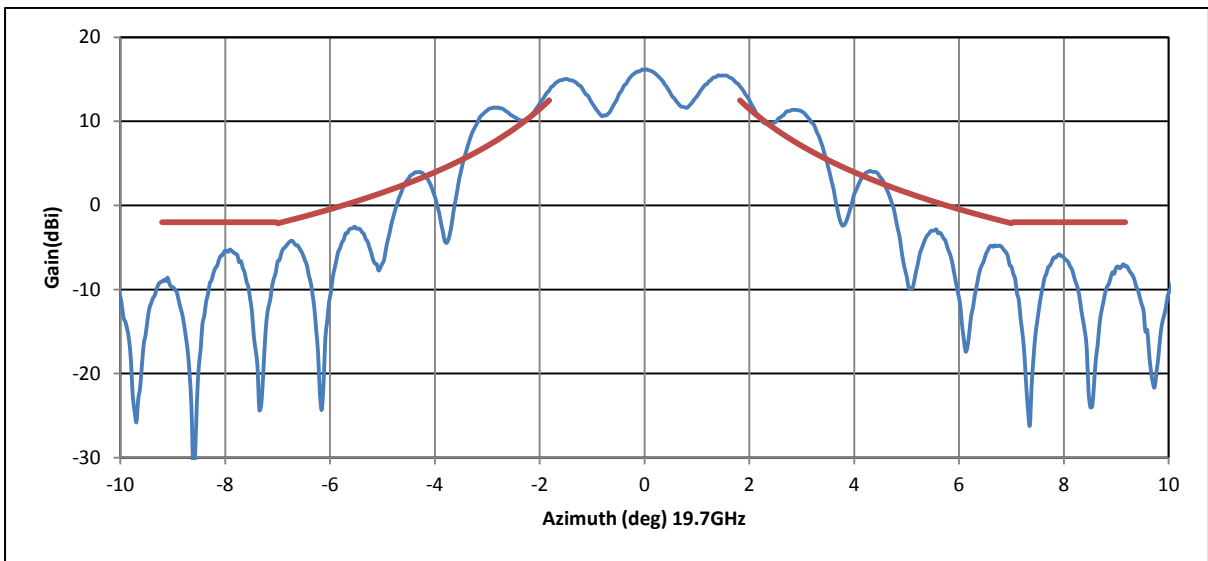


Figure 26 - Plot for 19.7 GHz

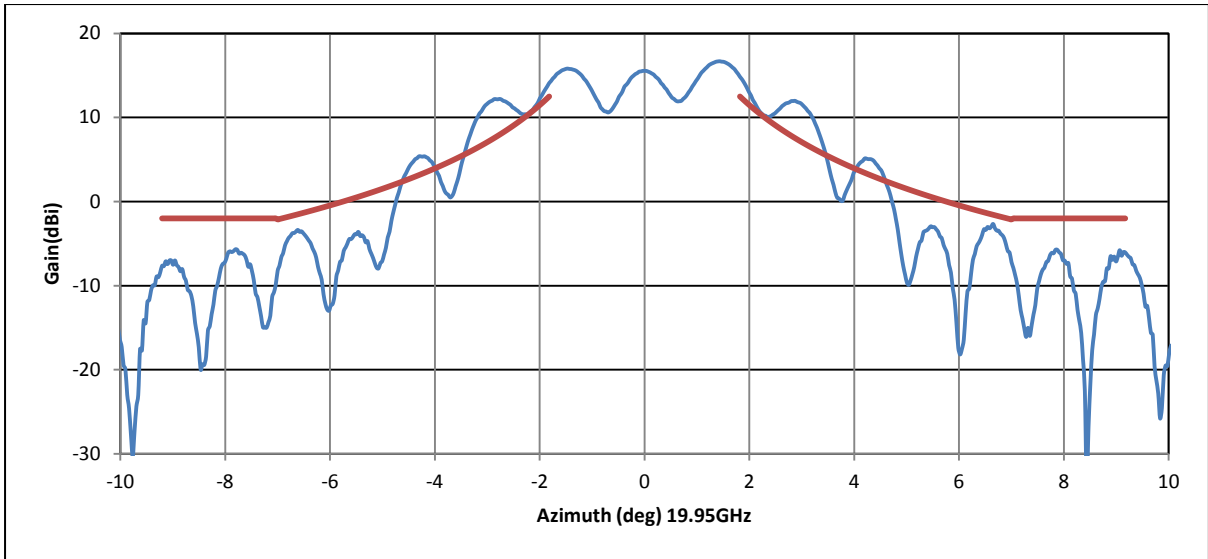
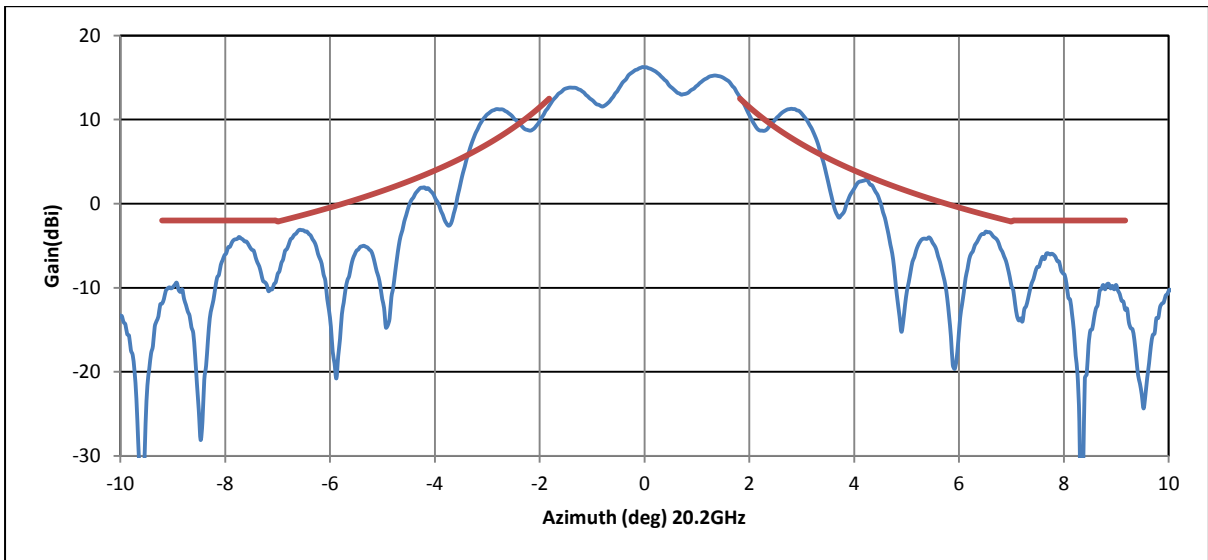


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

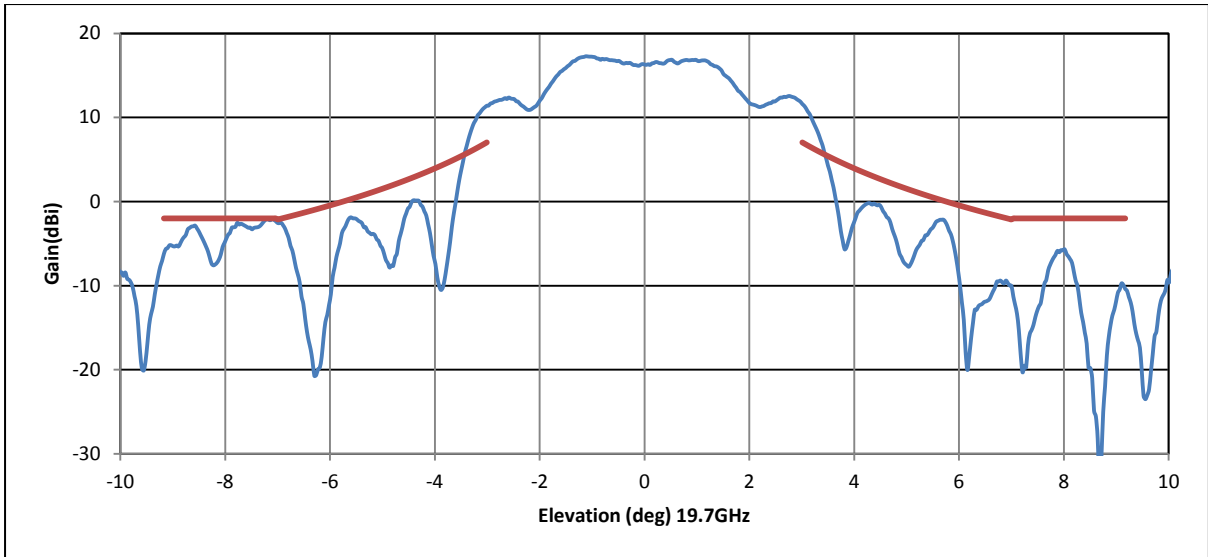


Figure 29 - Plot for 19.95 GHz

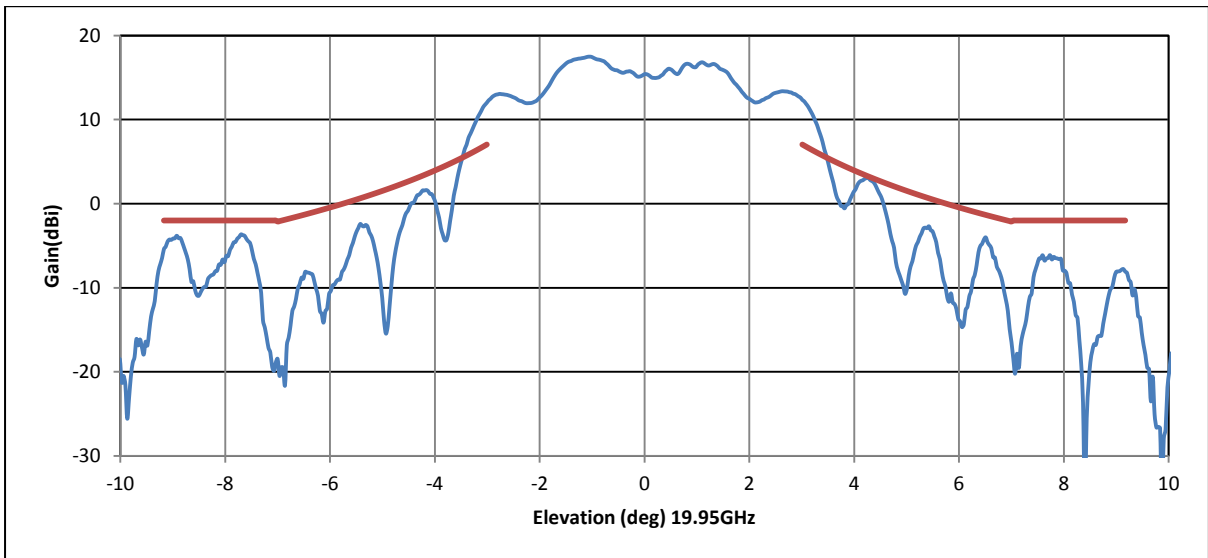


Figure 30 - Plot for 20.2 GHz

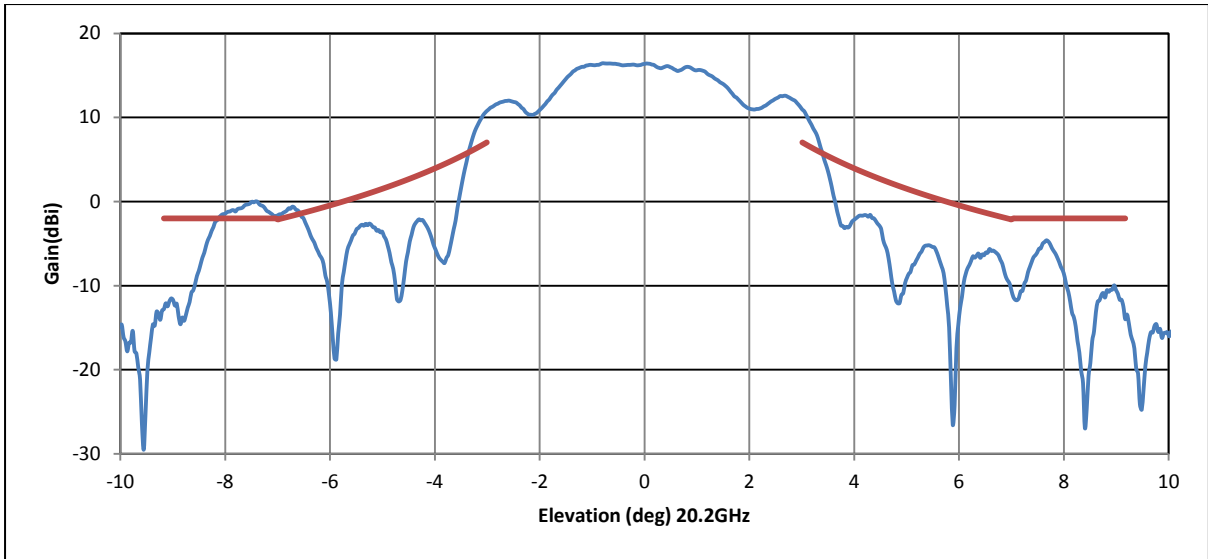


EXHIBIT B-2

Plots for Cobham terminal model 7100

The following attachment contains all the plots requested for showing the compliance of the Cobham model 7100 with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

2. Plots for terminal type 100cm Explorer 7100GX

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

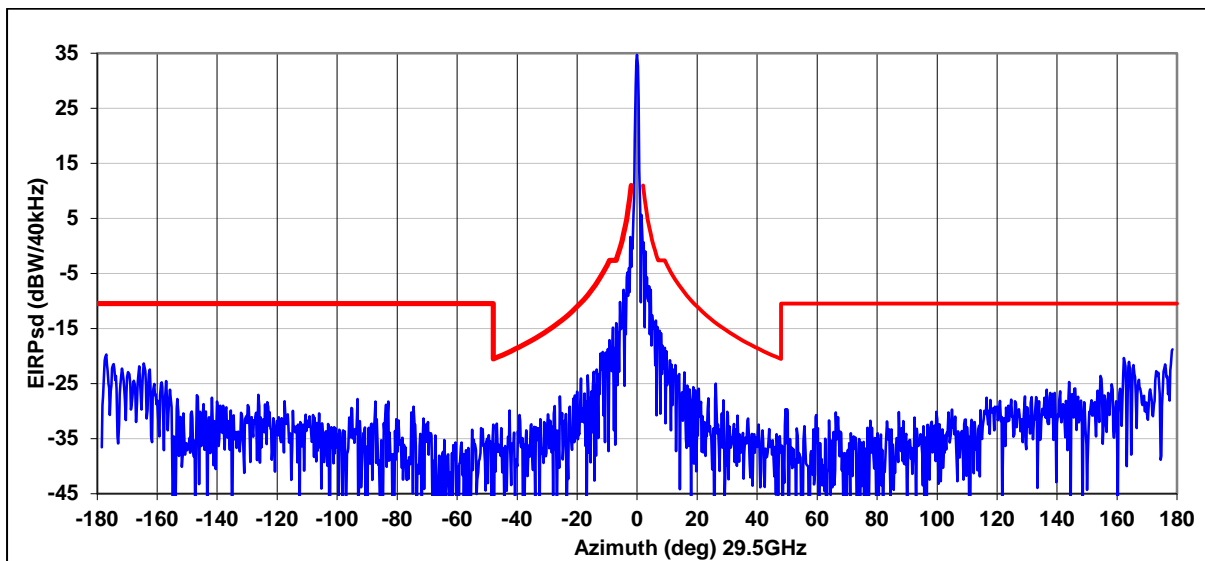


Figure 2 - Plot for 29.75 GHz

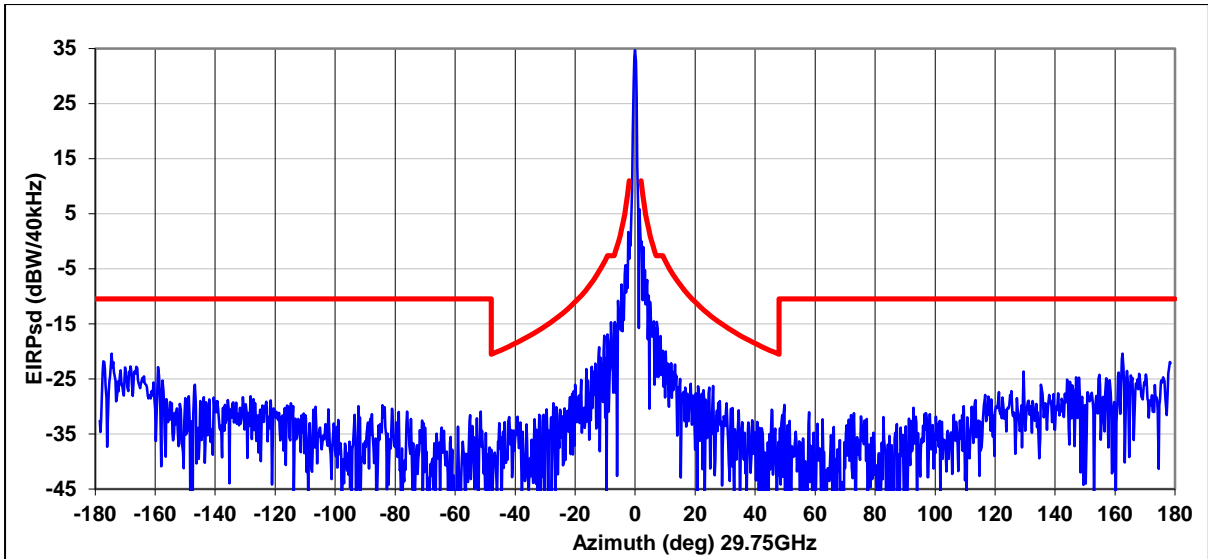
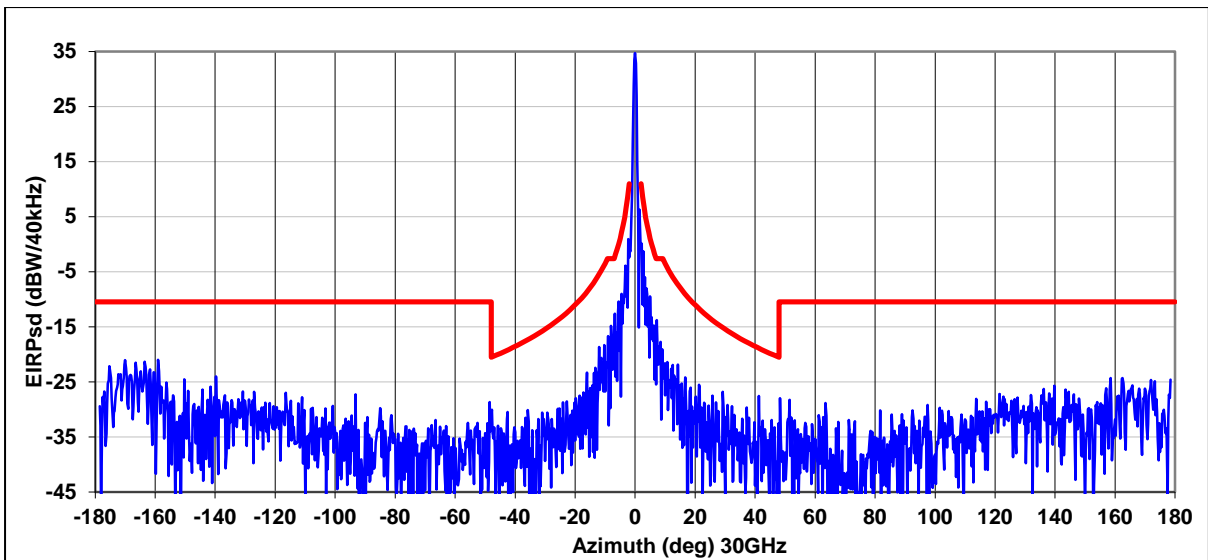


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

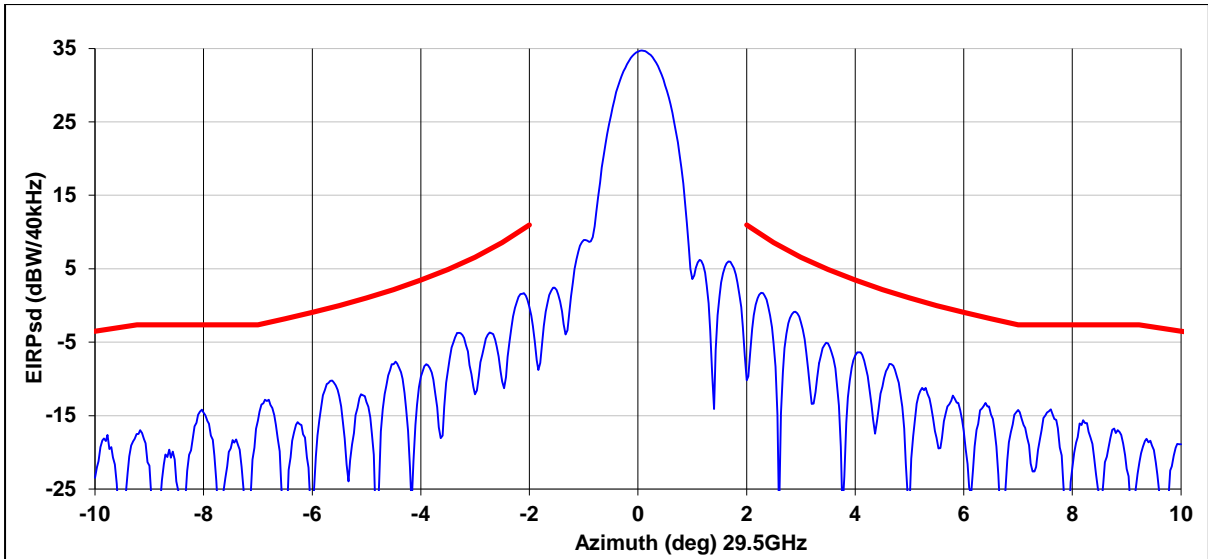


Figure 5 - Plot for 29.75 GHz

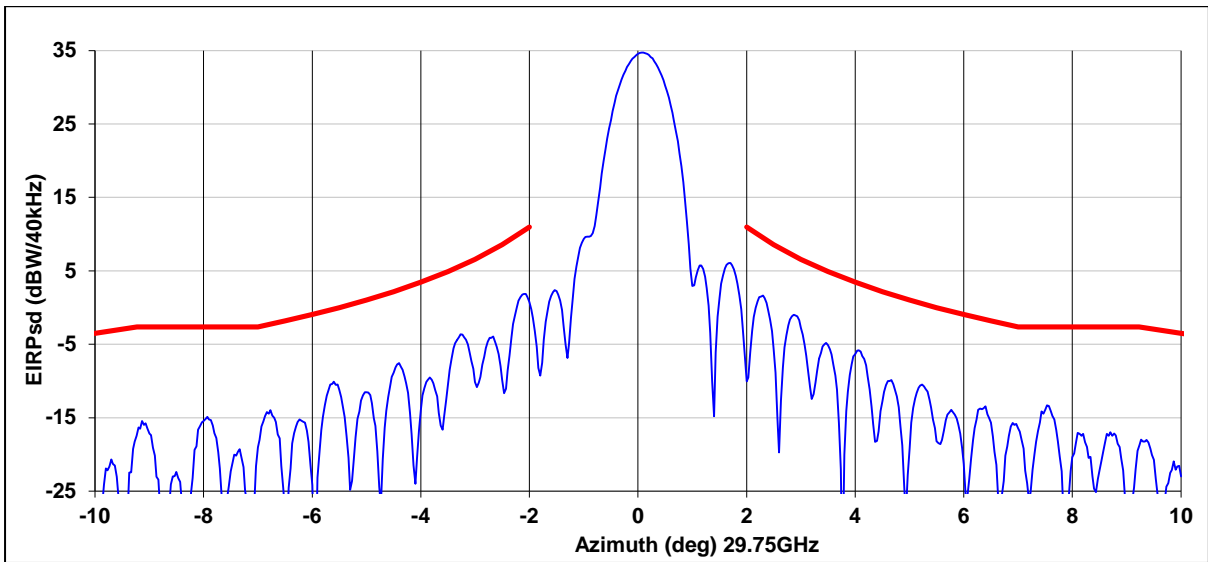
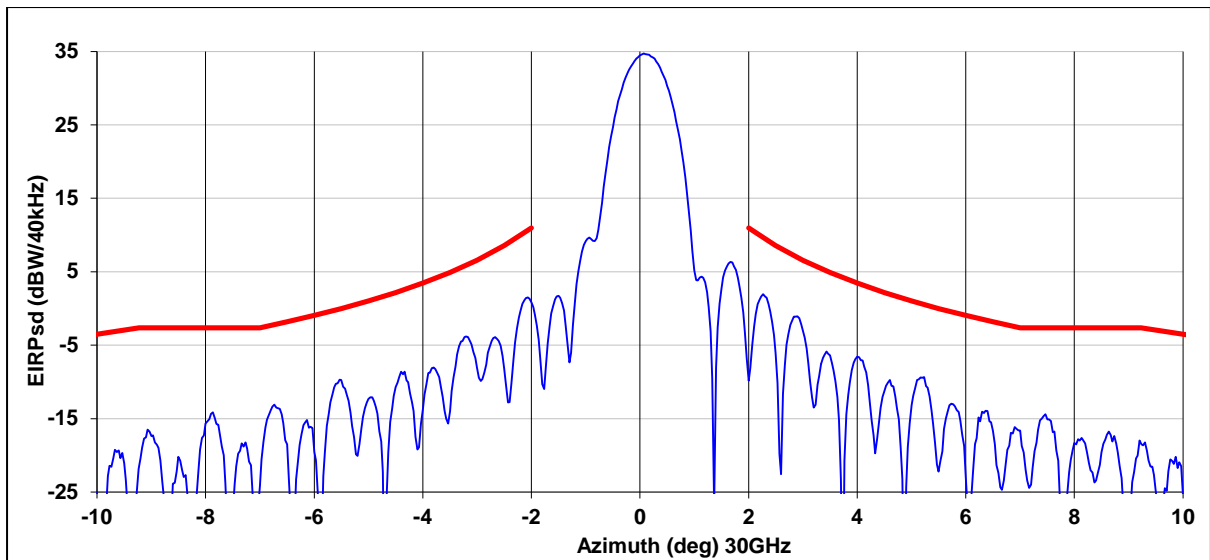


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

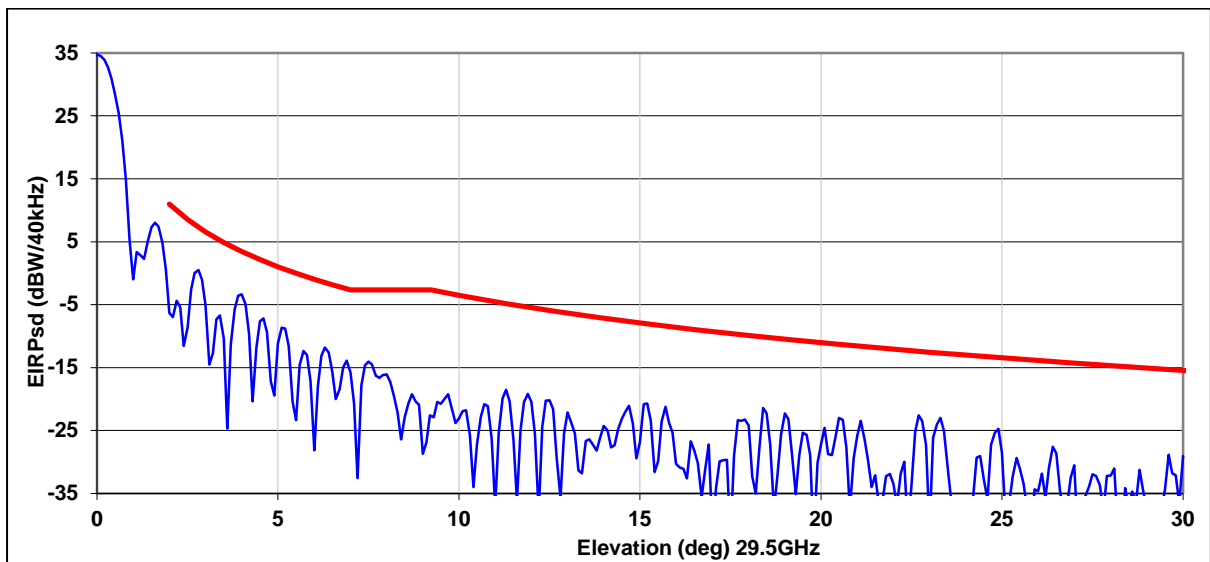


Figure 8 - Plot for 29.75 GHz

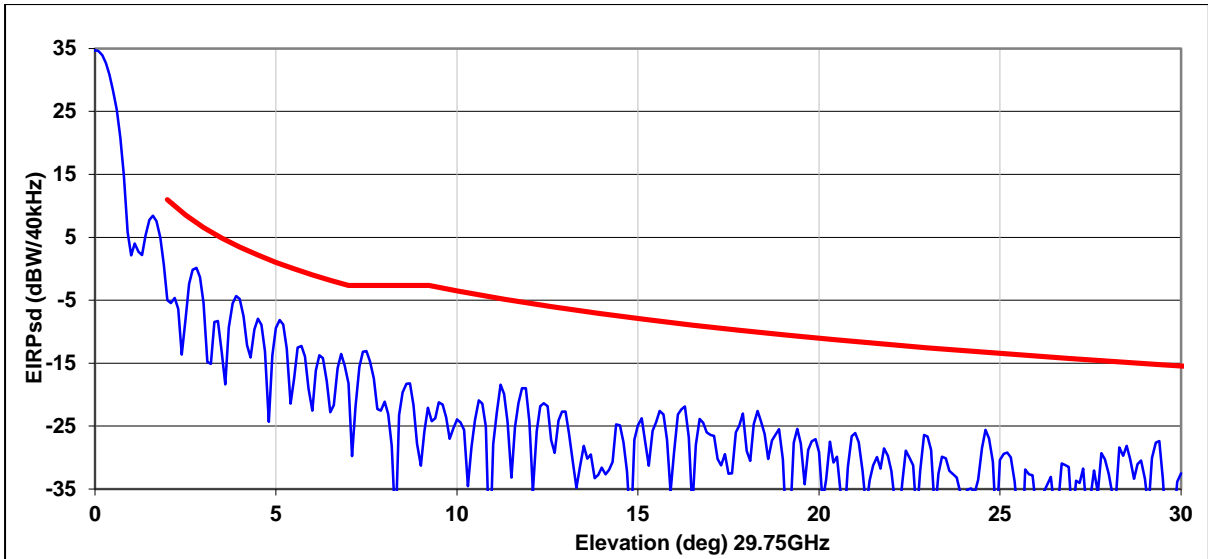
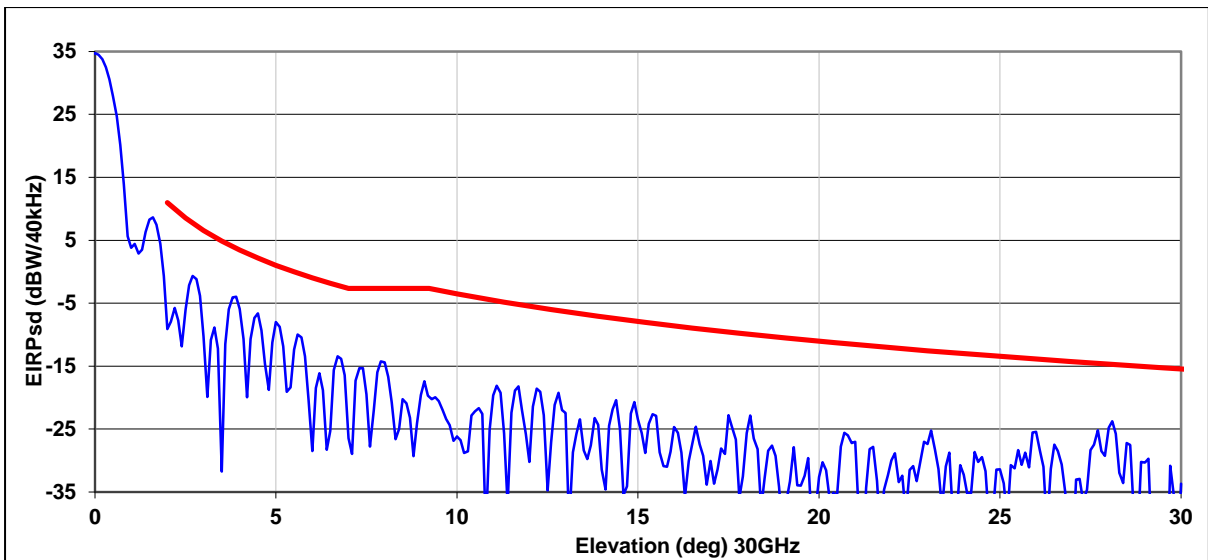


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

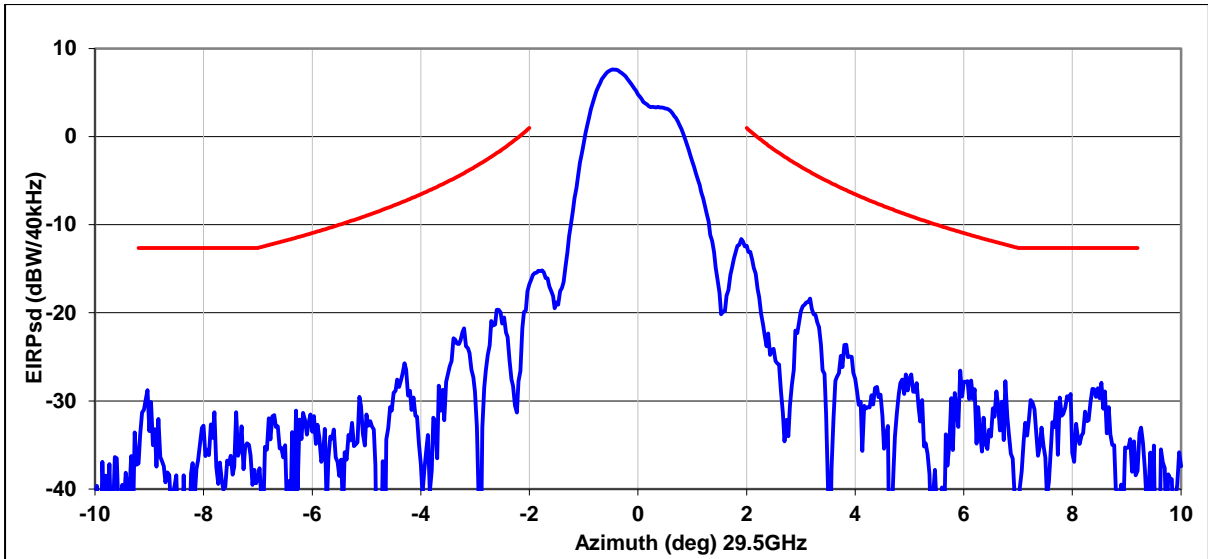


Figure 11 - Plot for 29.75 GHz

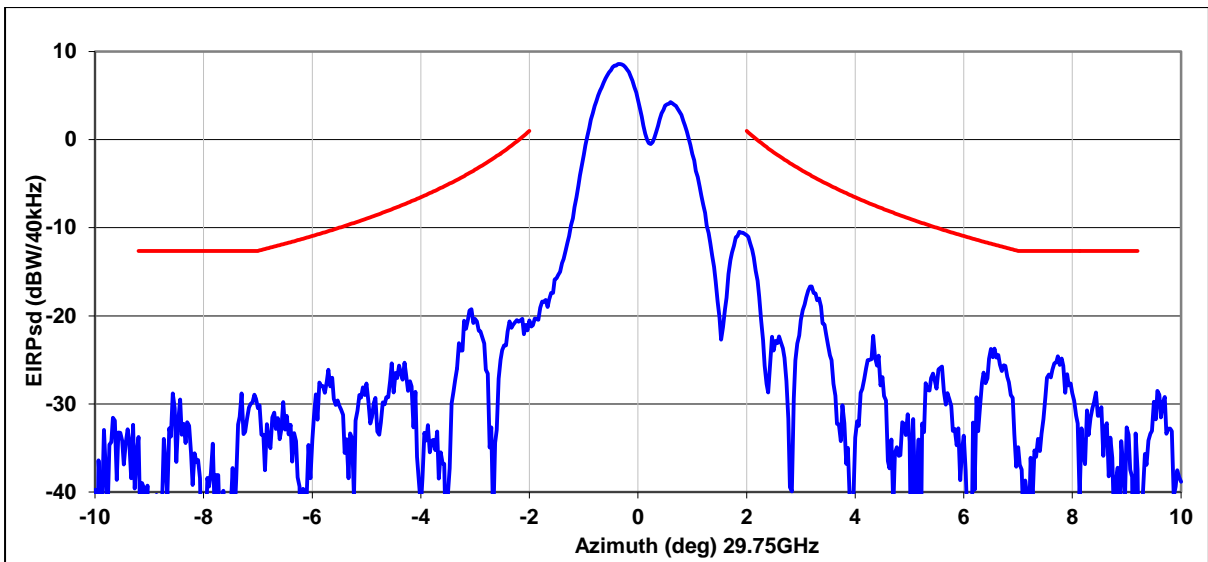
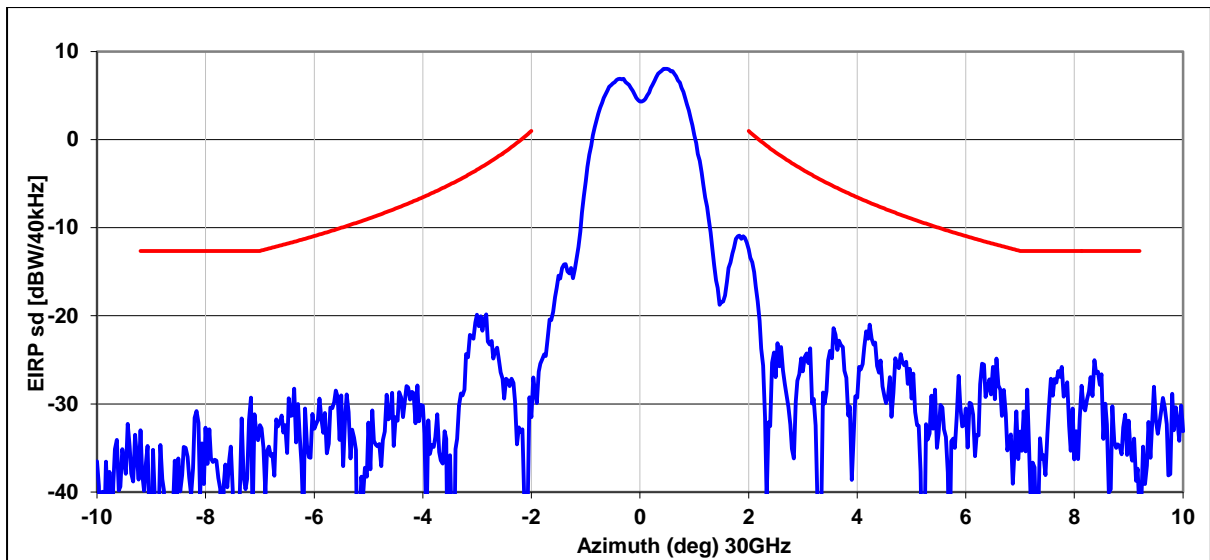


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

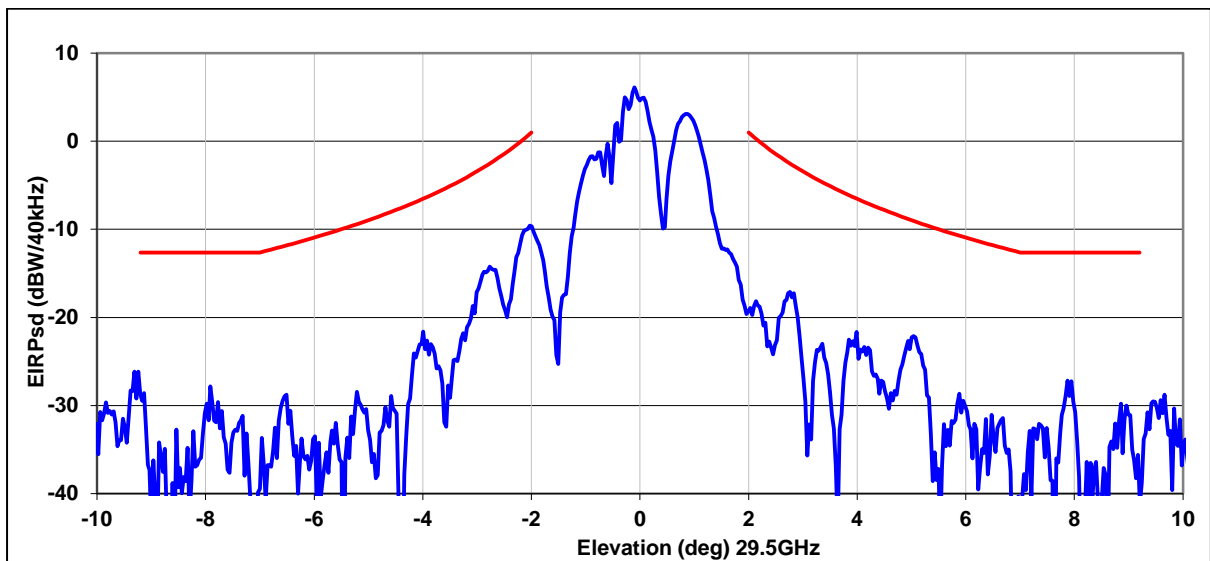


Figure 14 - Plot for 29.75 GHz

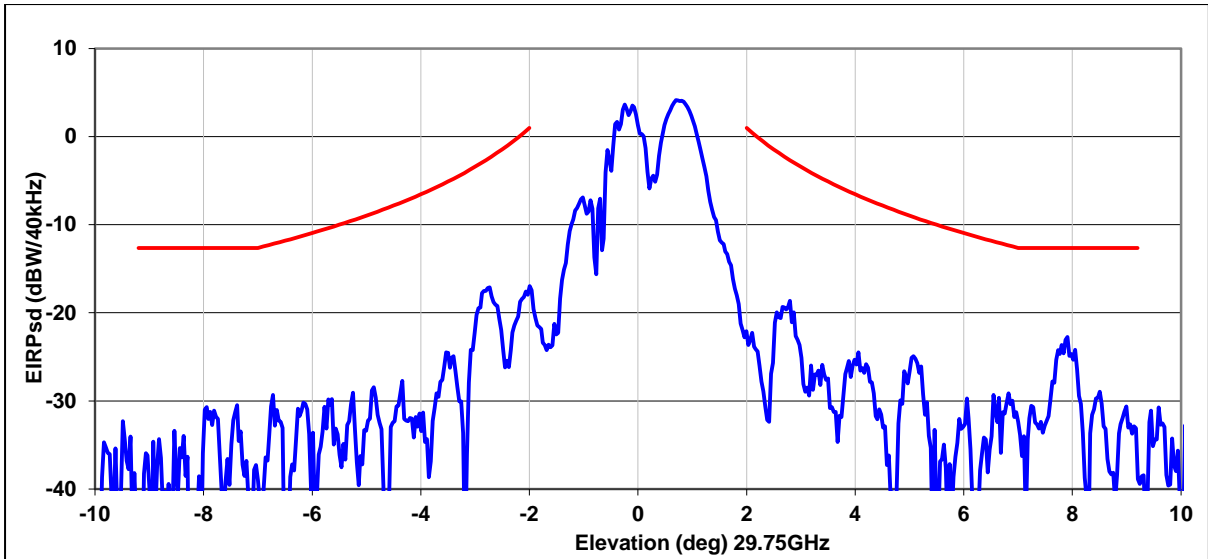
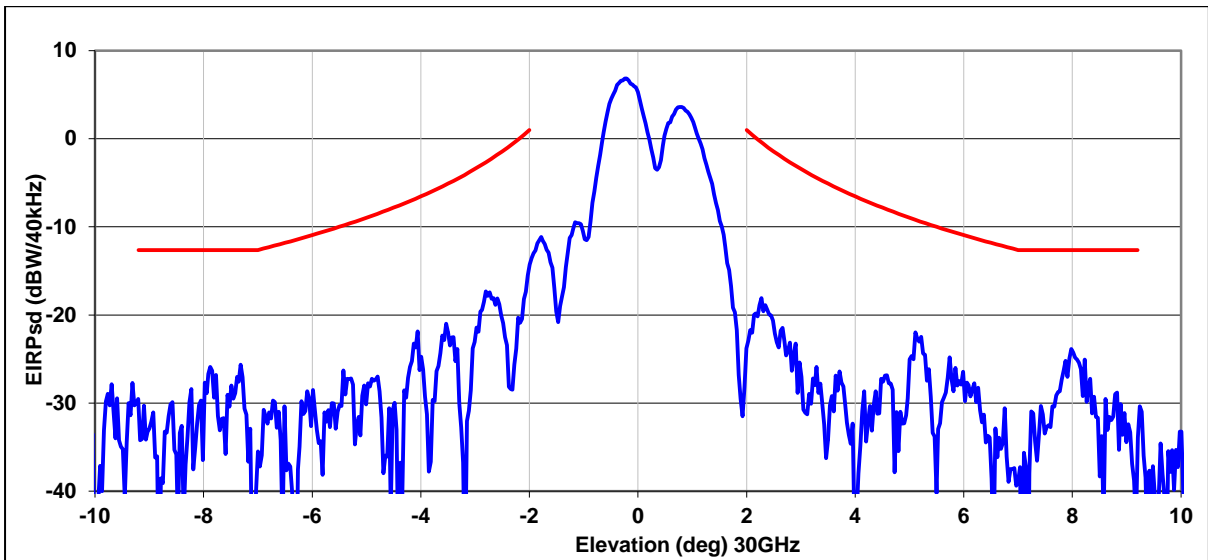


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

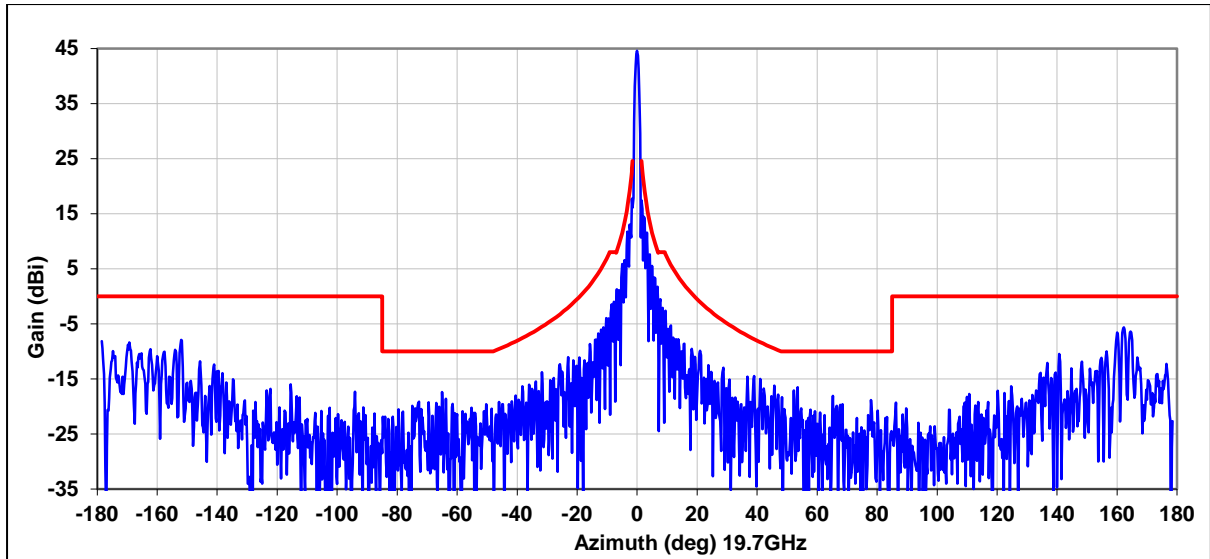


Figure 17 - Plot for 19.95 GHz

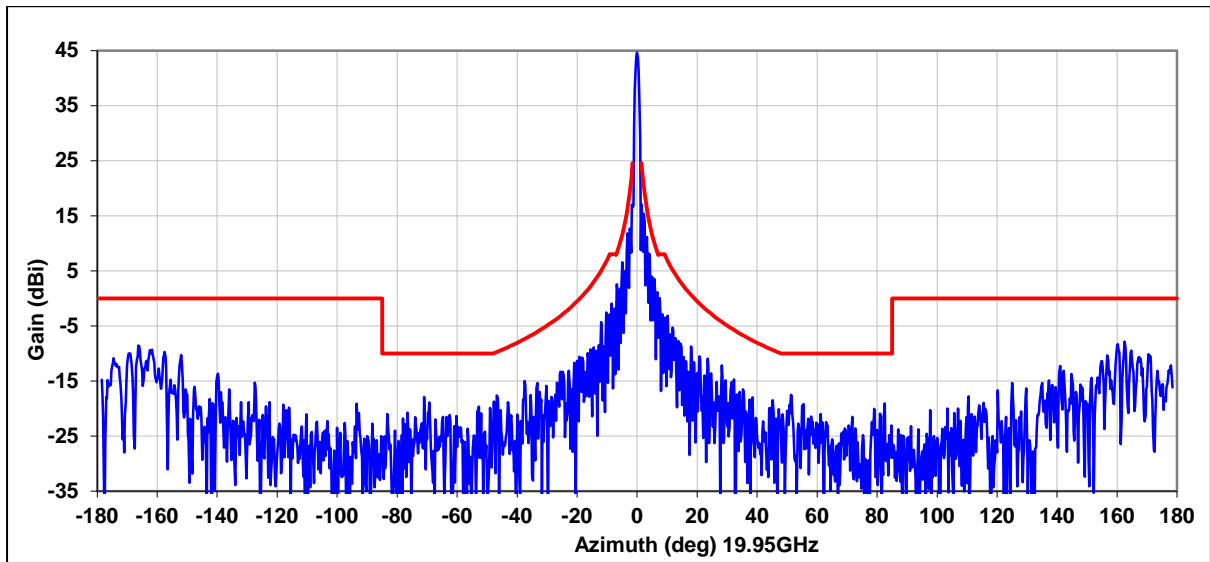
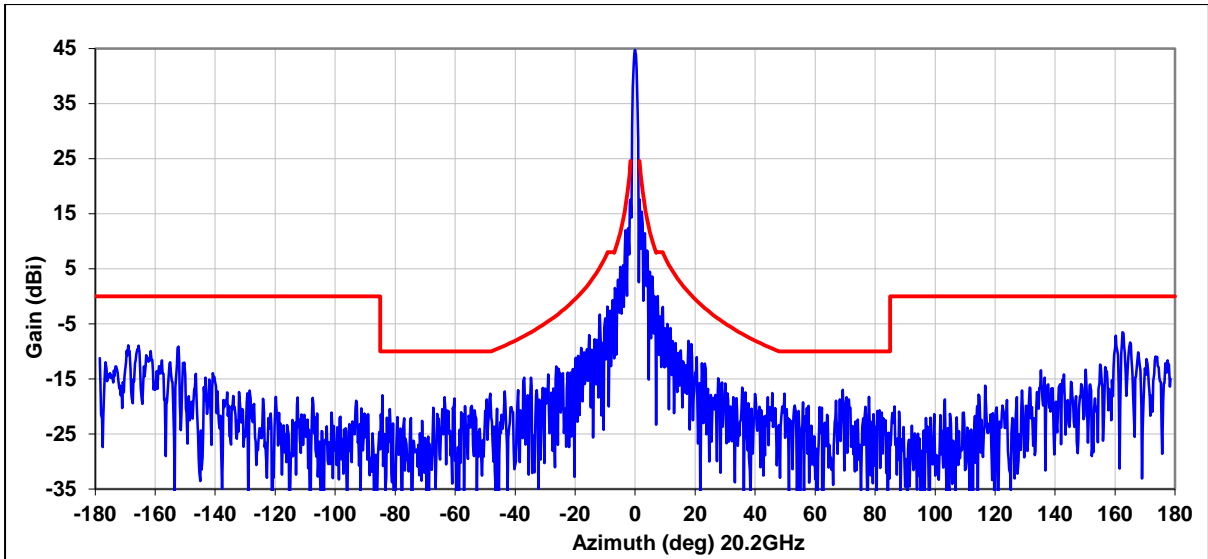


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

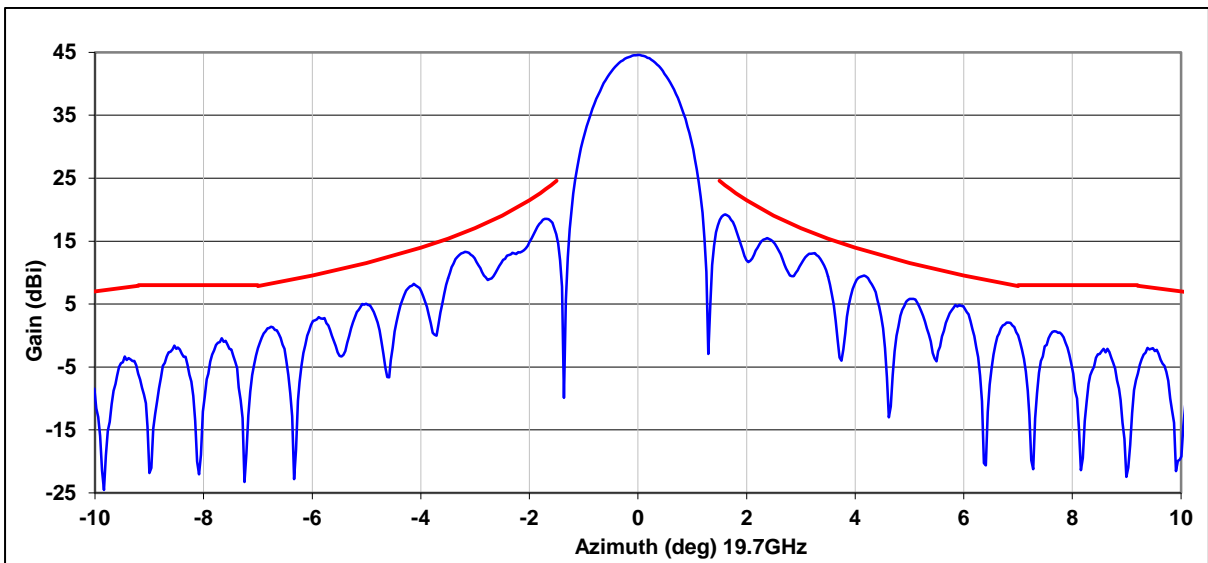


Figure 20 - Plot for 19.95 GHz

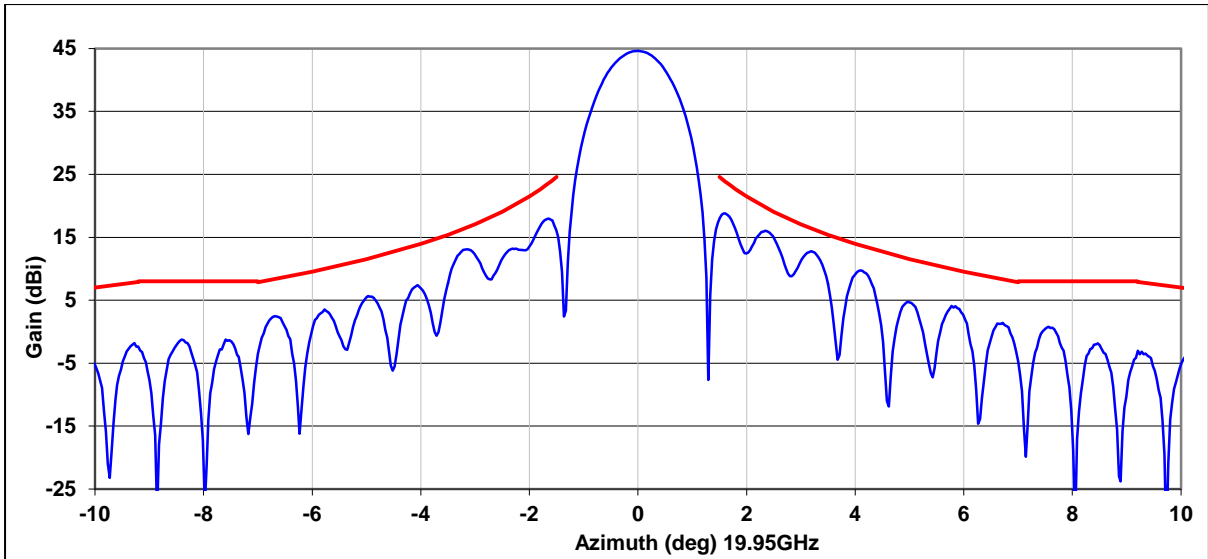
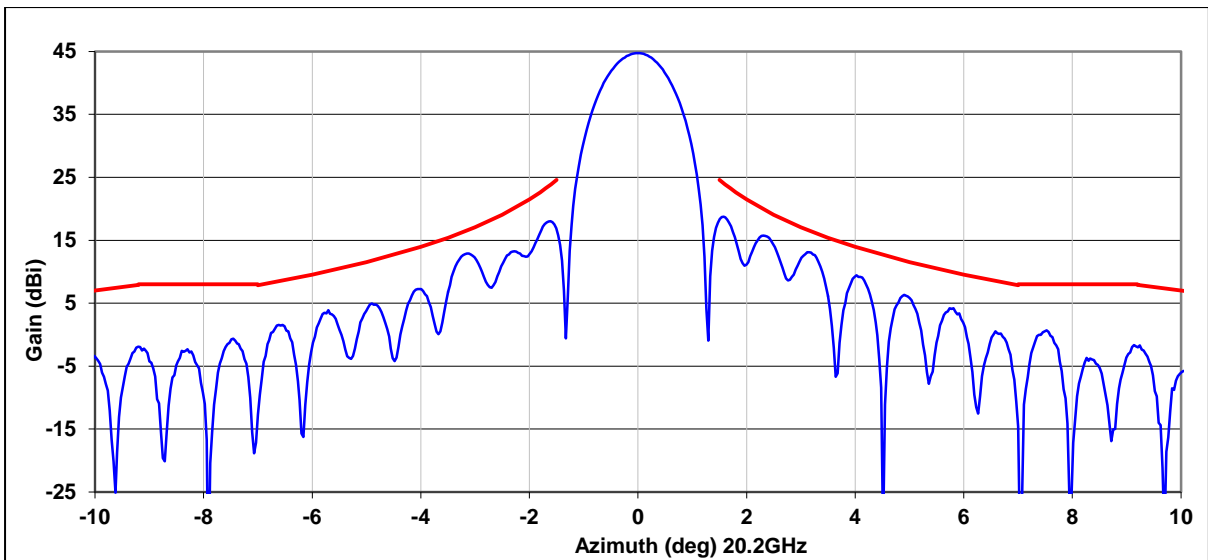


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

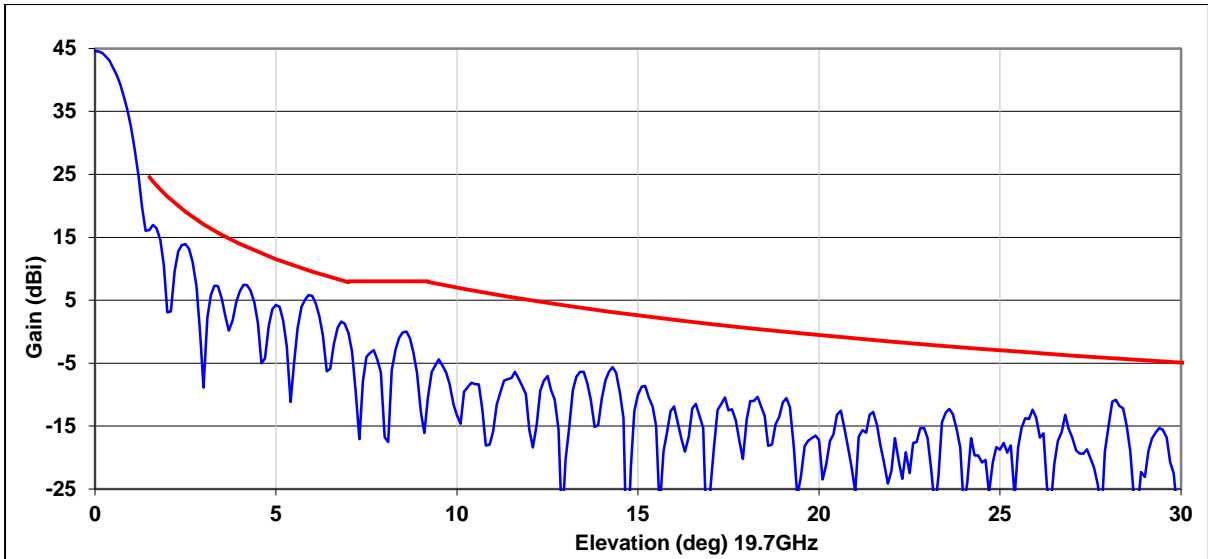


Figure 23 - Plot for 19.95 GHz

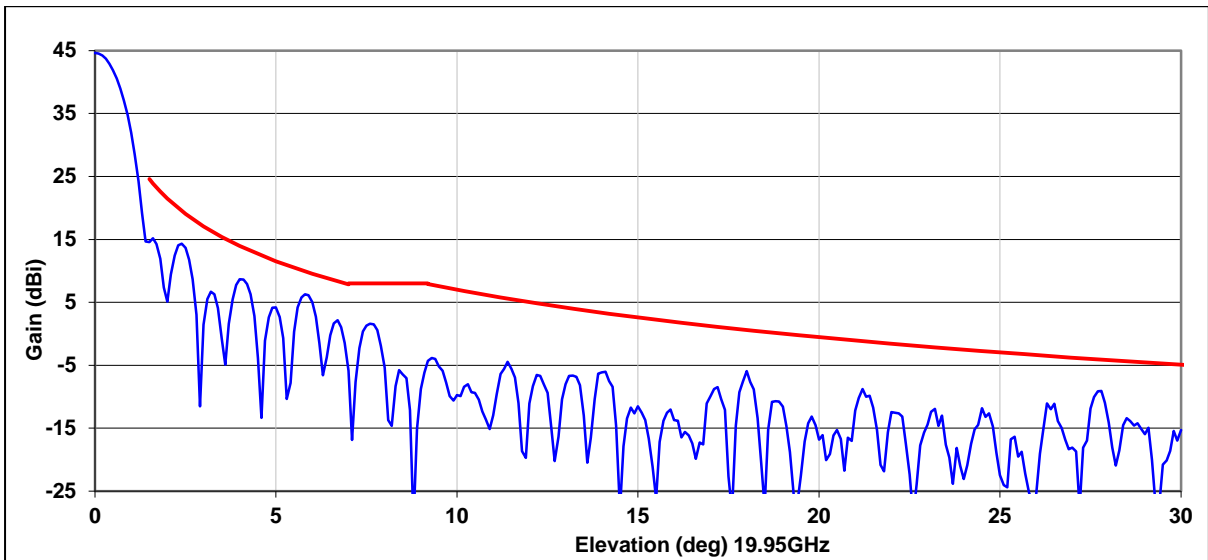
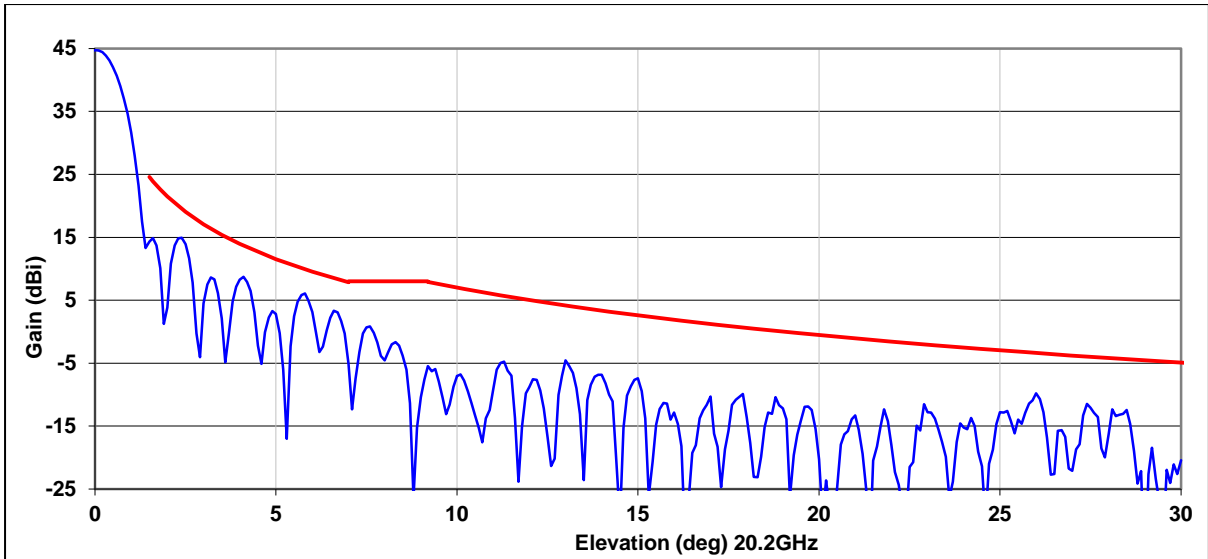


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

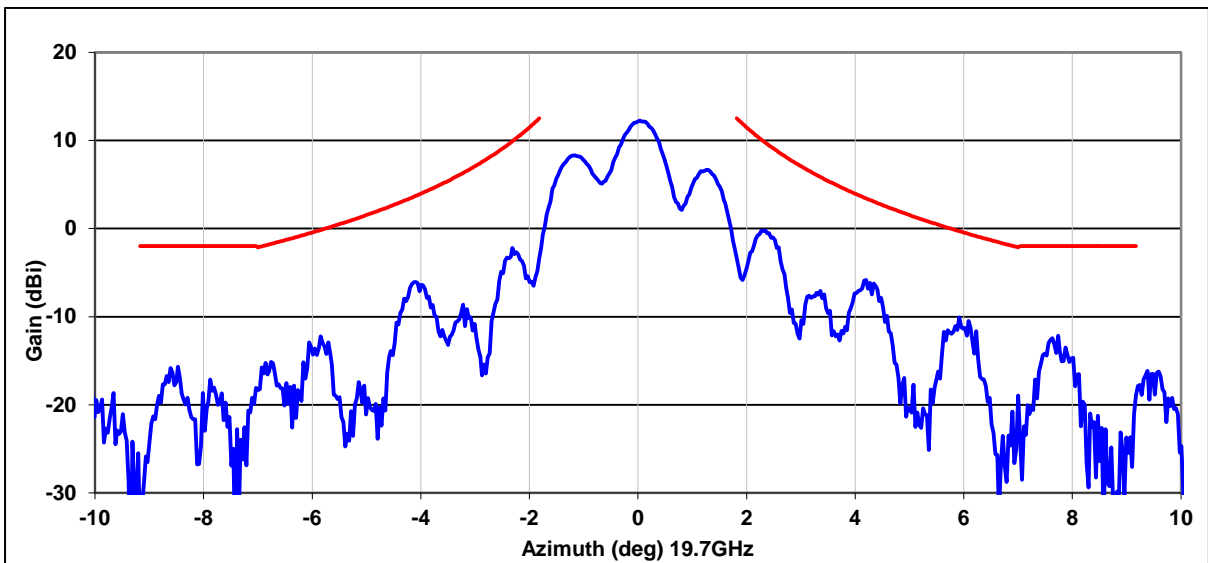


Figure 26 - Plot for 19.95 GHz

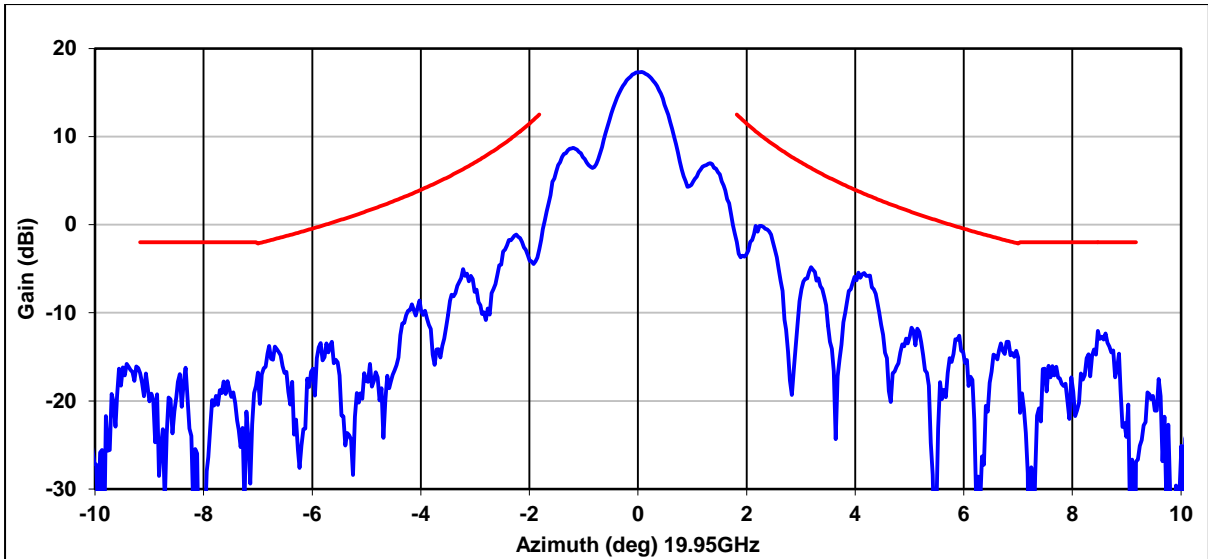
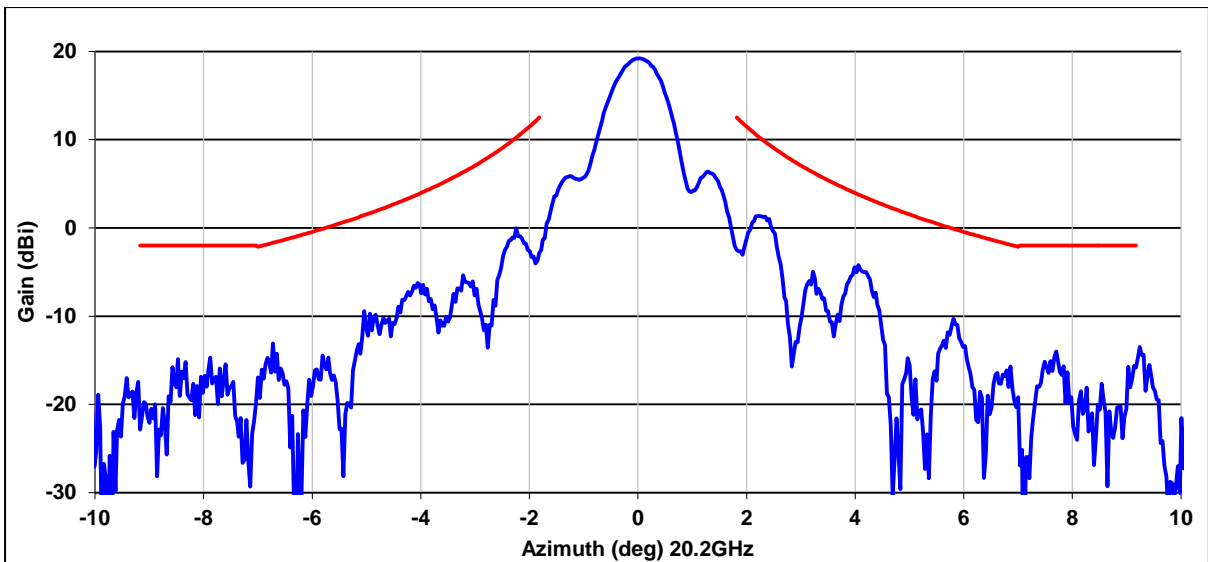


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

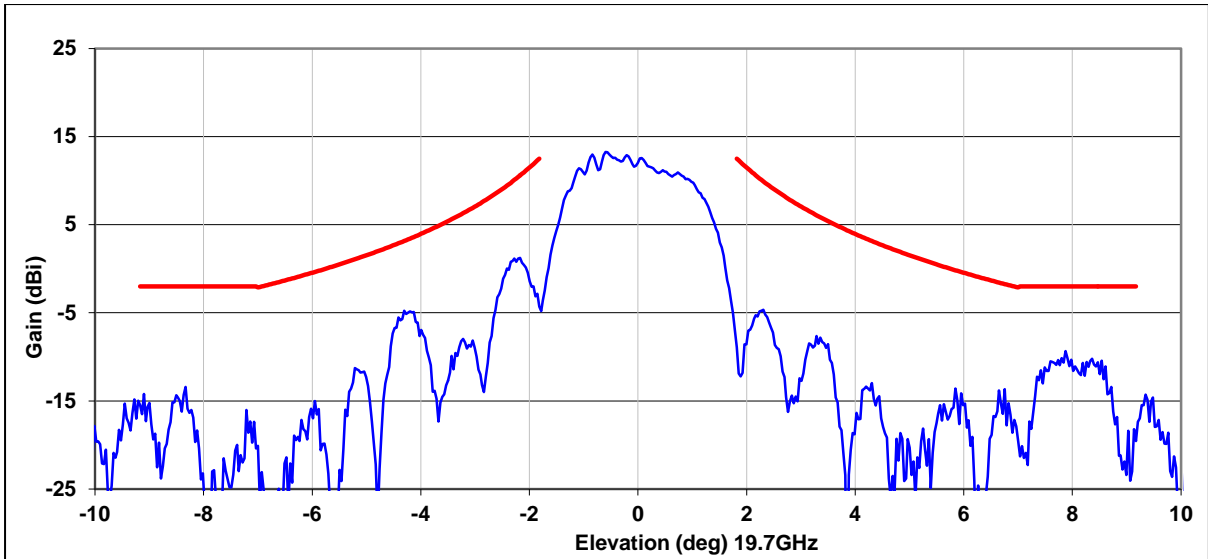


Figure 29 - Plot for 19.95 GHz

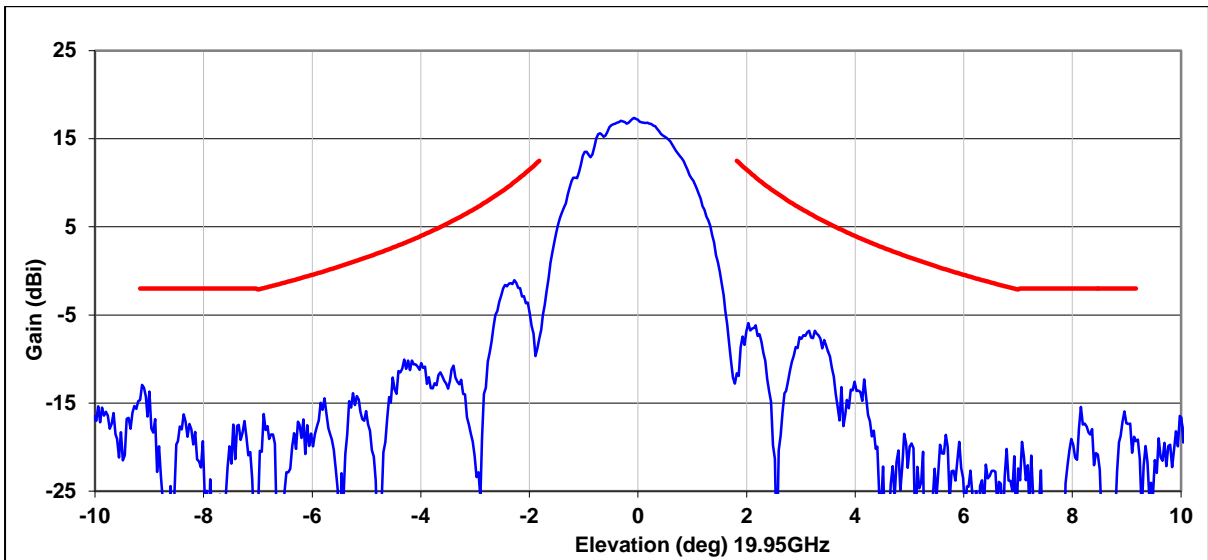


Figure 30 - Plot for 20.2 GHz

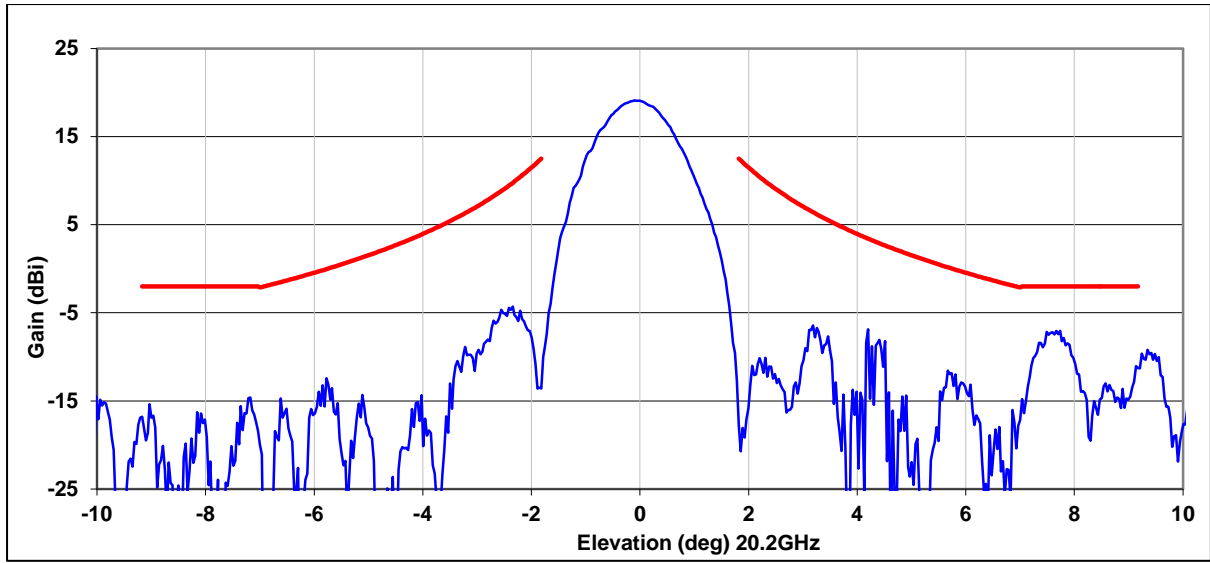


EXHIBIT B-3

Plots for L3 terminal model Cheetah II

The following attachment contains all the plots requested for showing the compliance of the L3 Cheetah II terminal with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

3. Plots for terminal type 85 cm Cheetah II

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

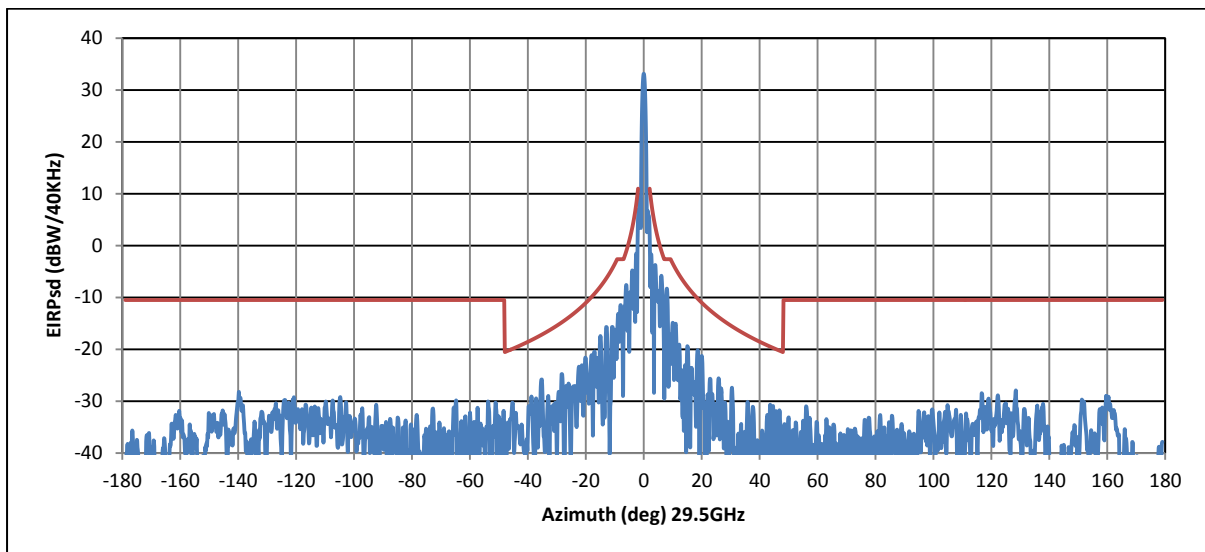


Figure 2 - Plot for 29.75 GHz

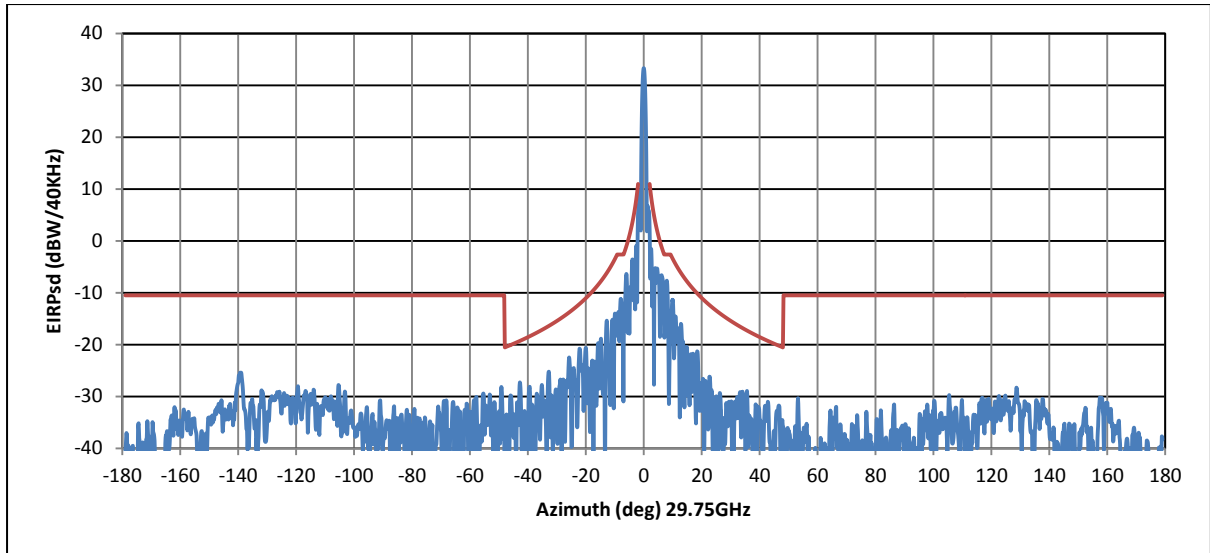
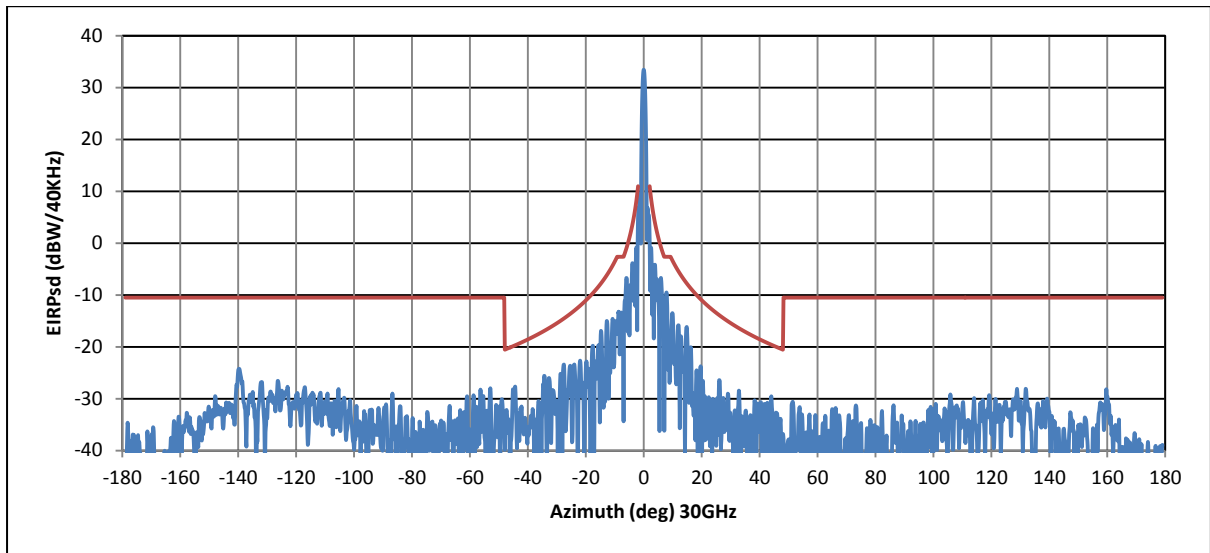


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

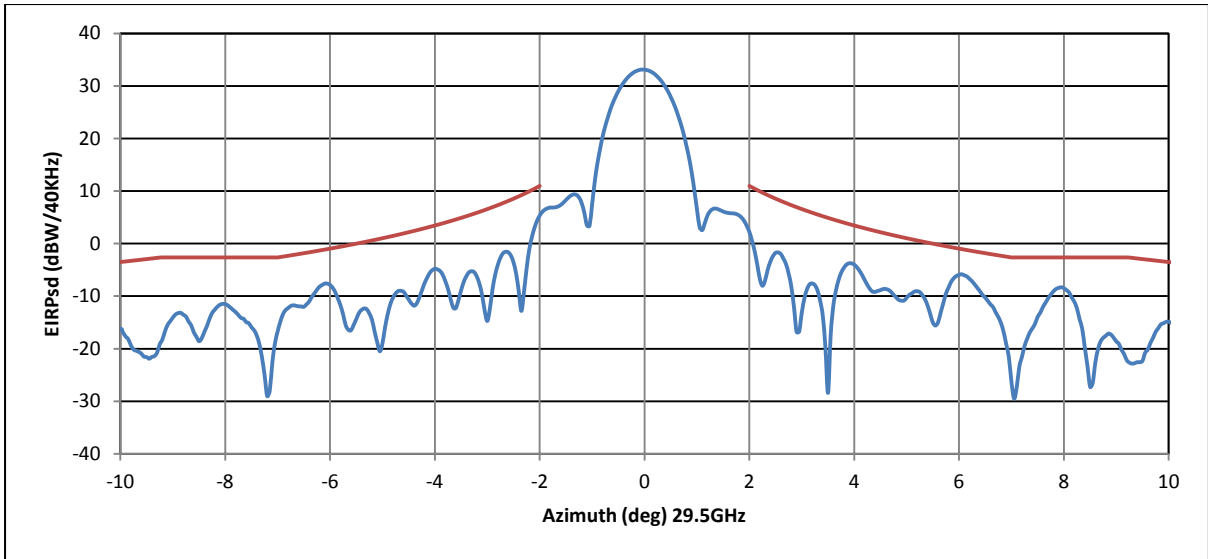


Figure 5 - Plot for 29.75 GHz

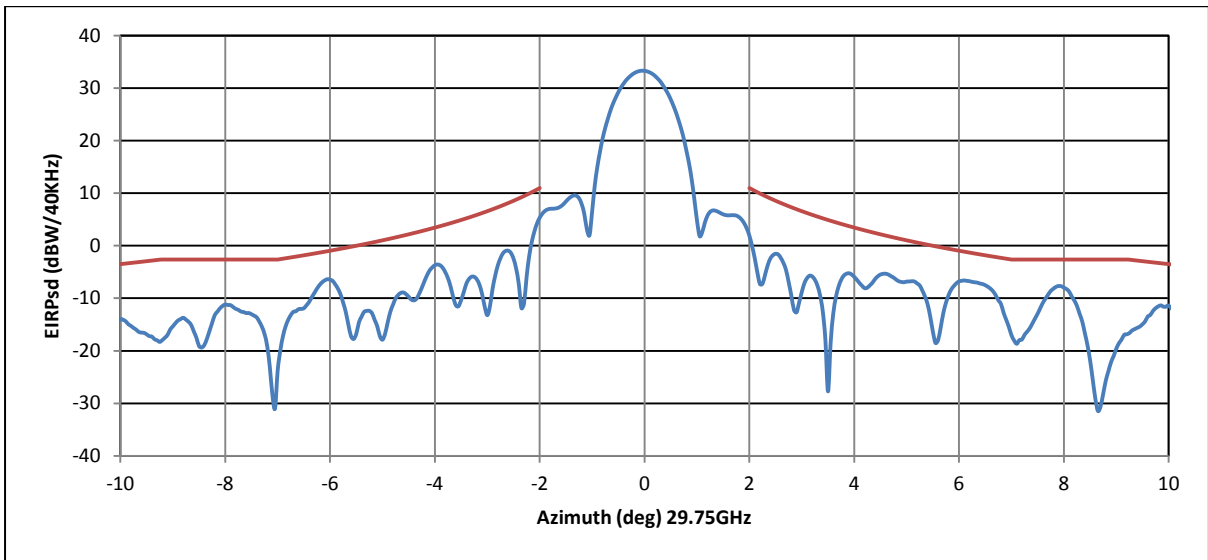
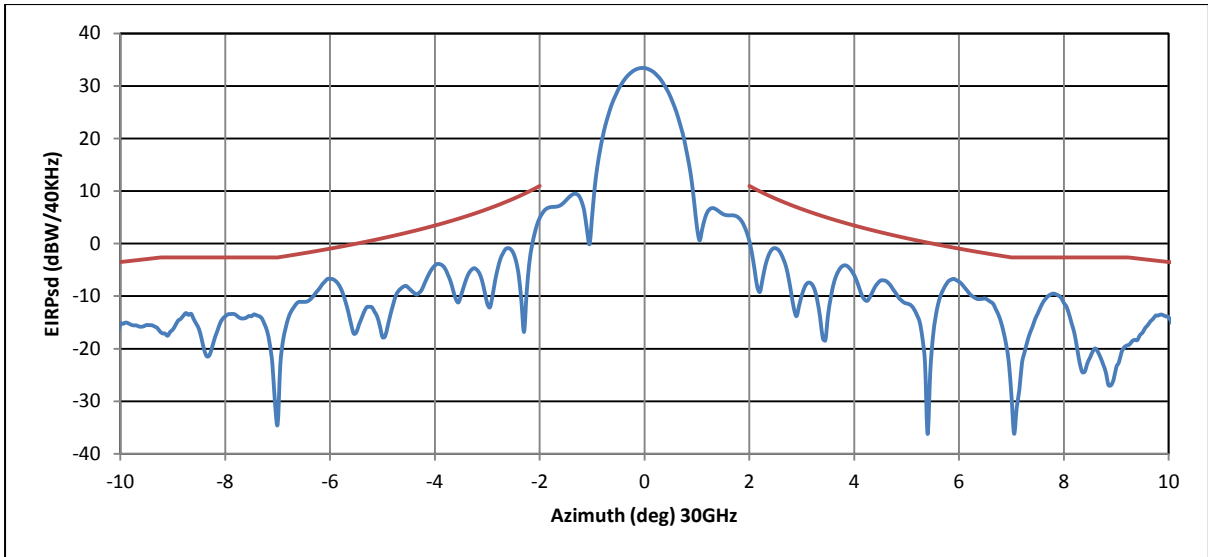


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

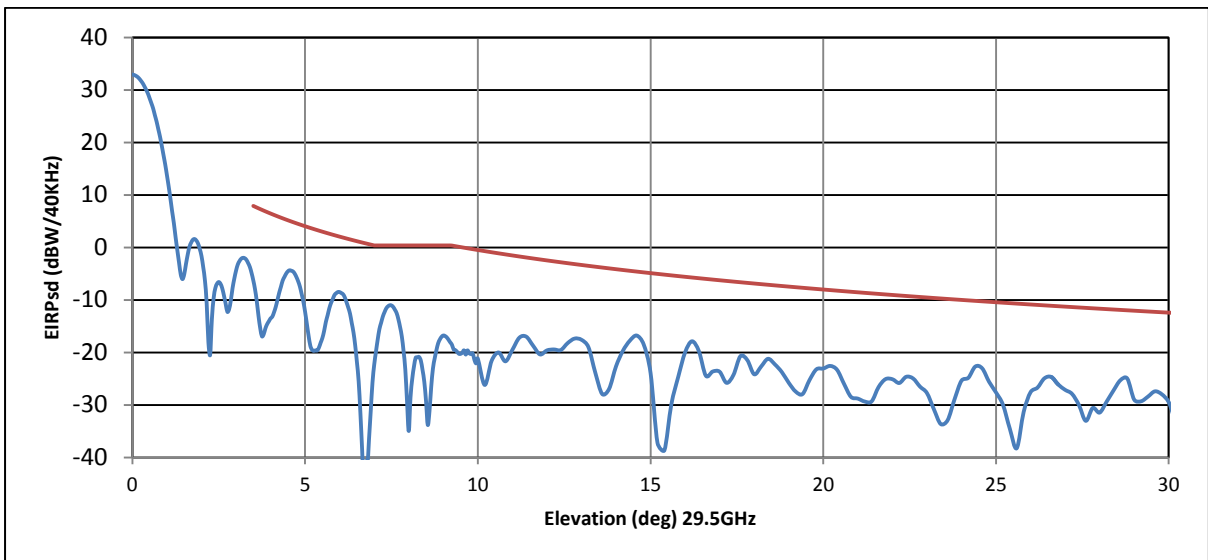


Figure 8 - Plot for 29.75 GHz

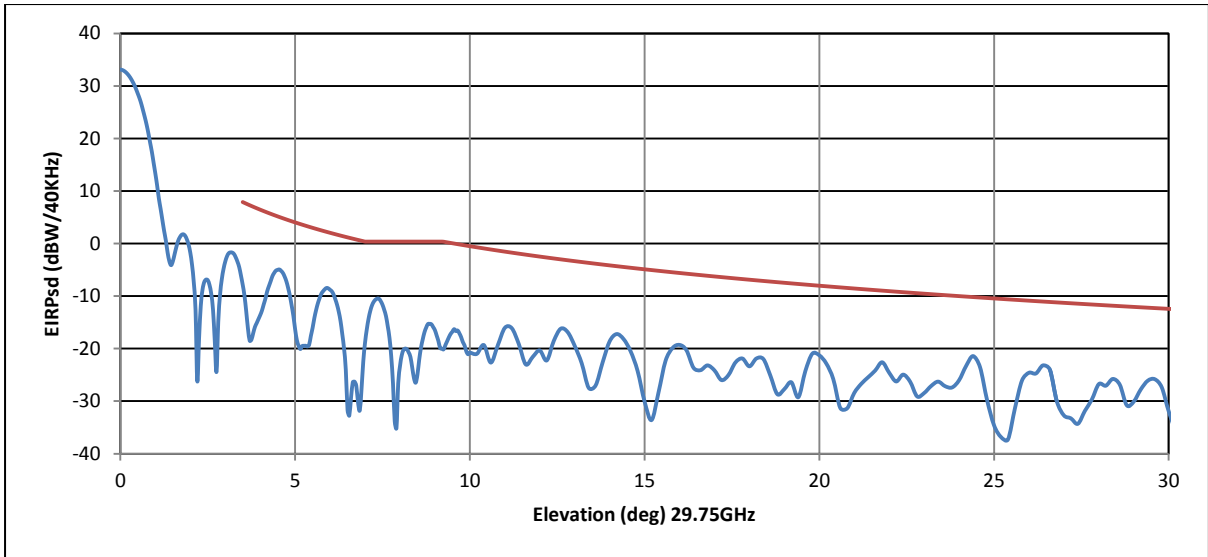
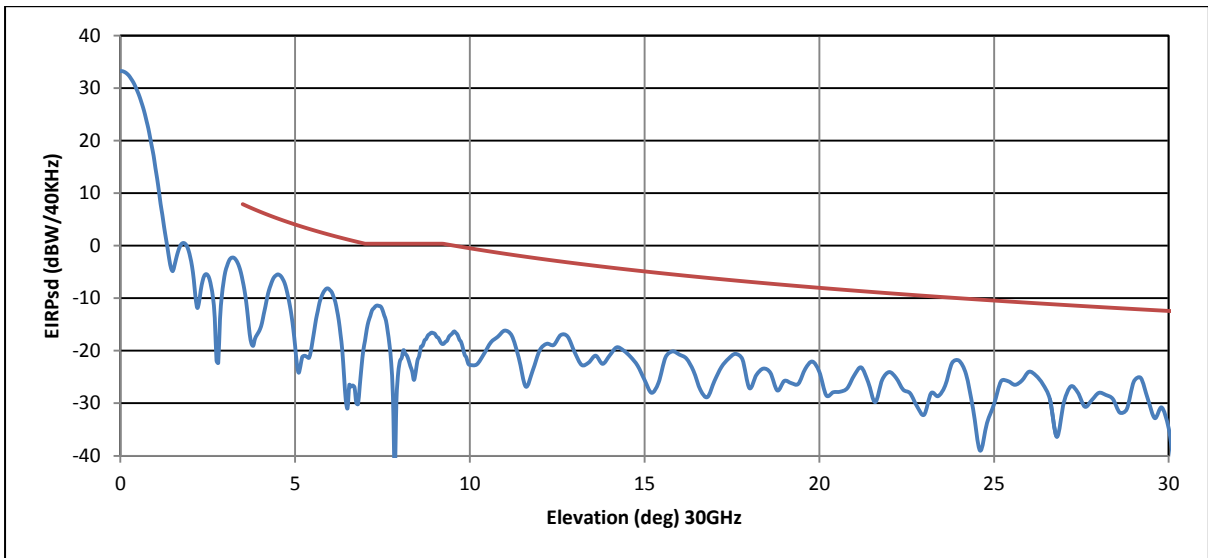


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

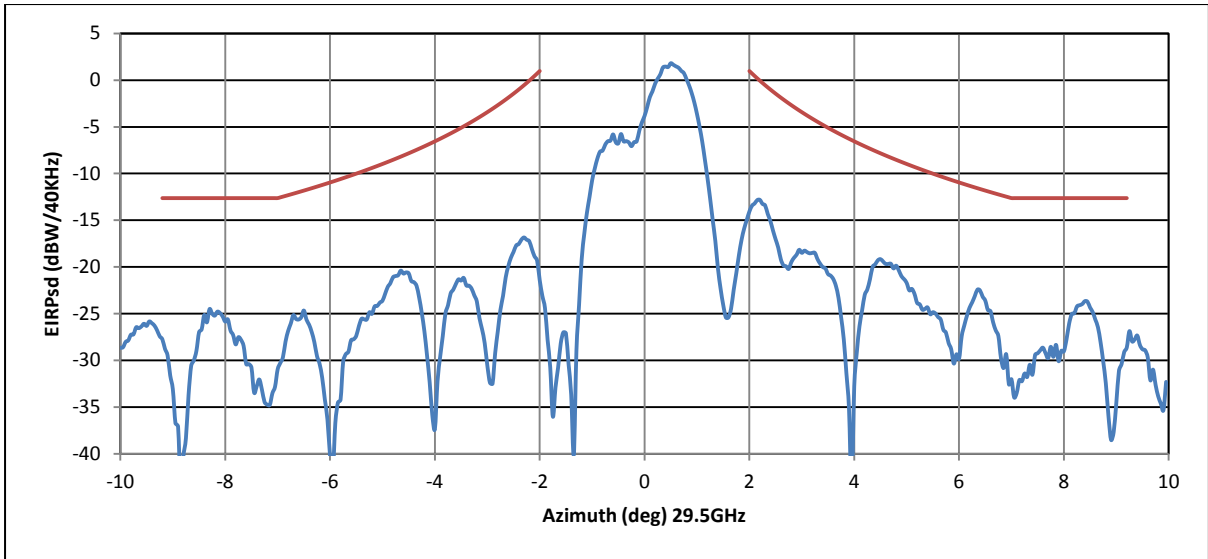


Figure 11 - Plot for 29.75 GHz

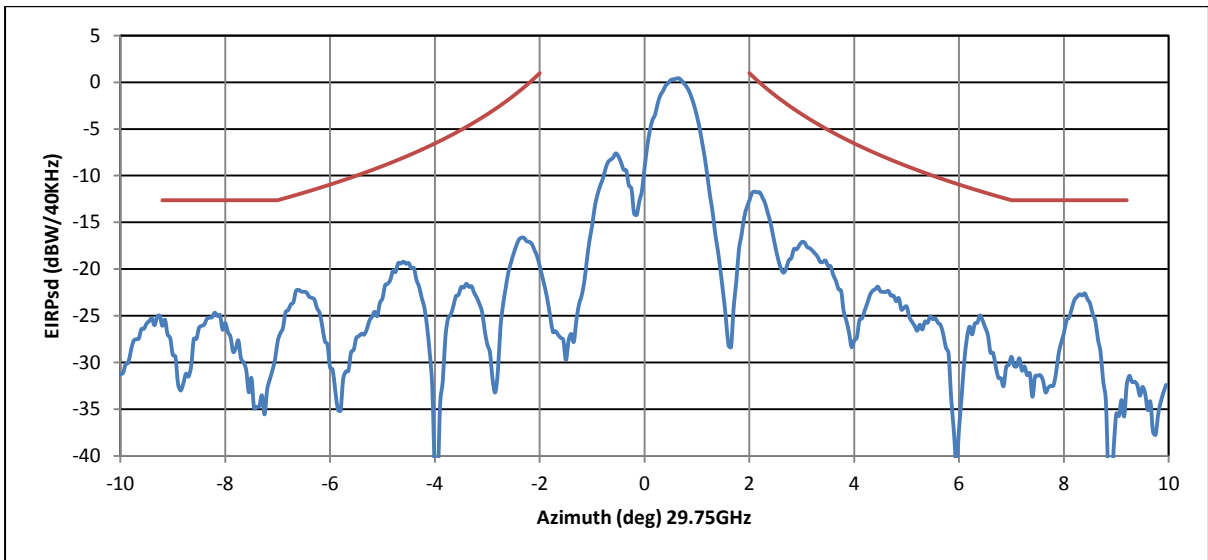
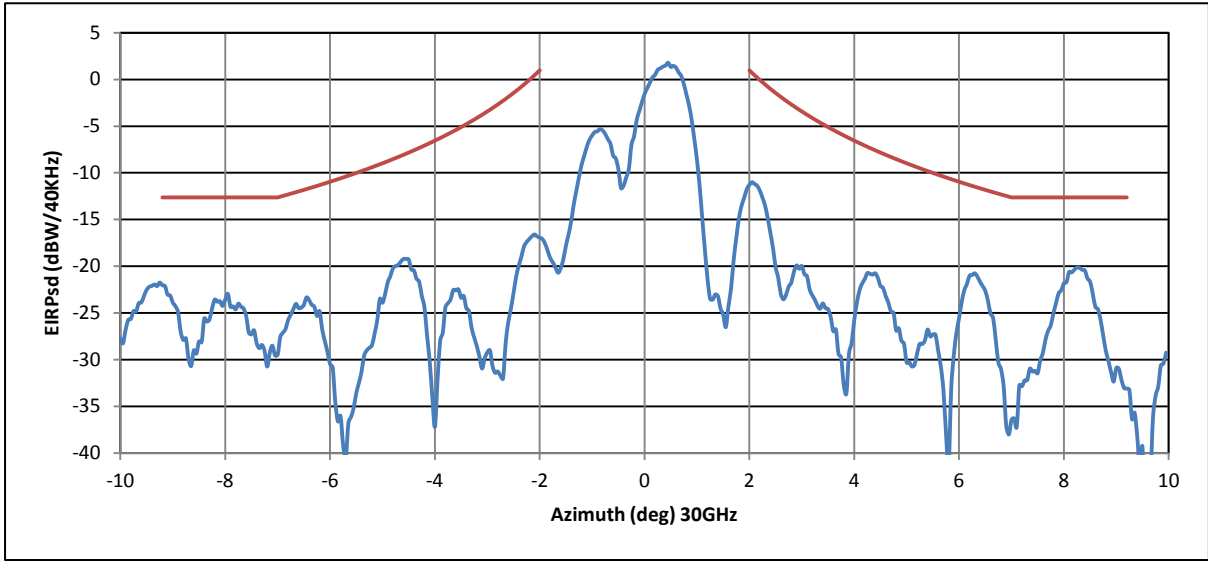


Figure 12 - Plot for 30.0



GHz

1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

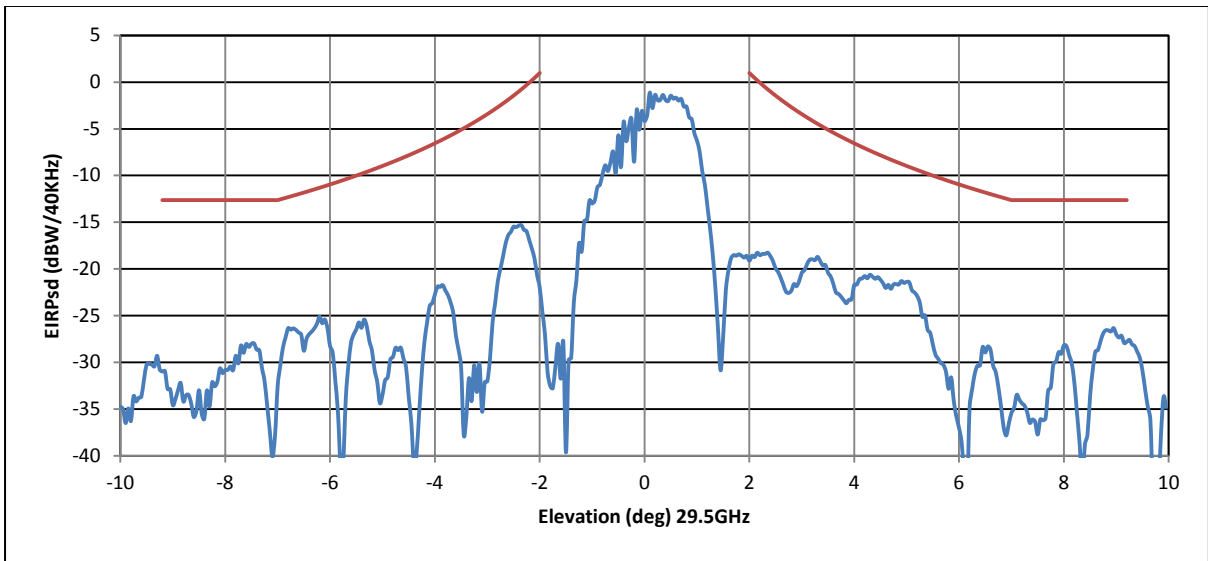


Figure 14 - Plot for 29.75 GHz

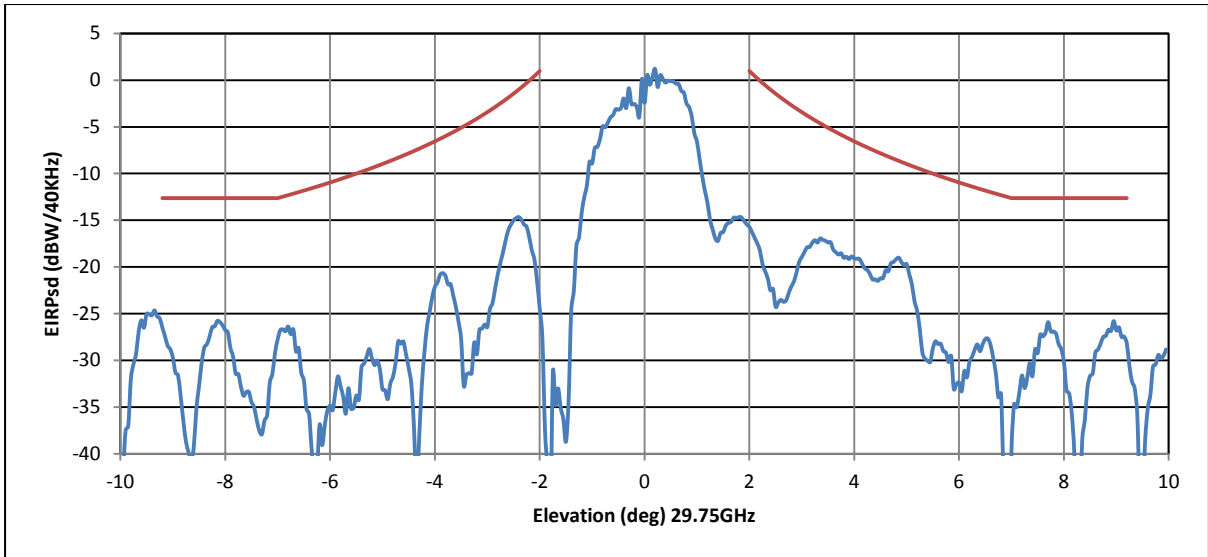
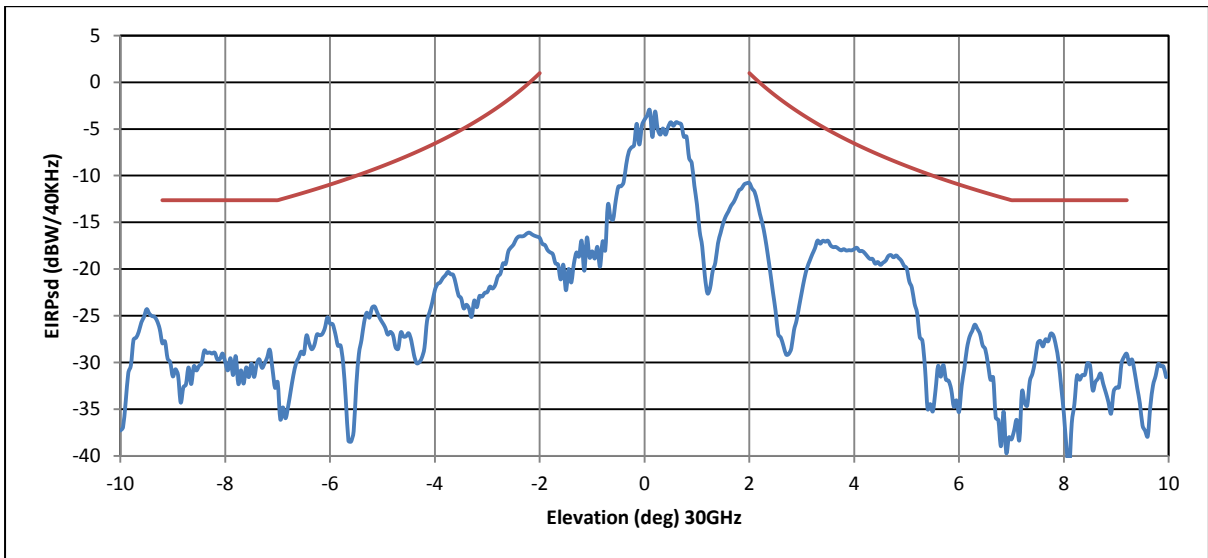


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

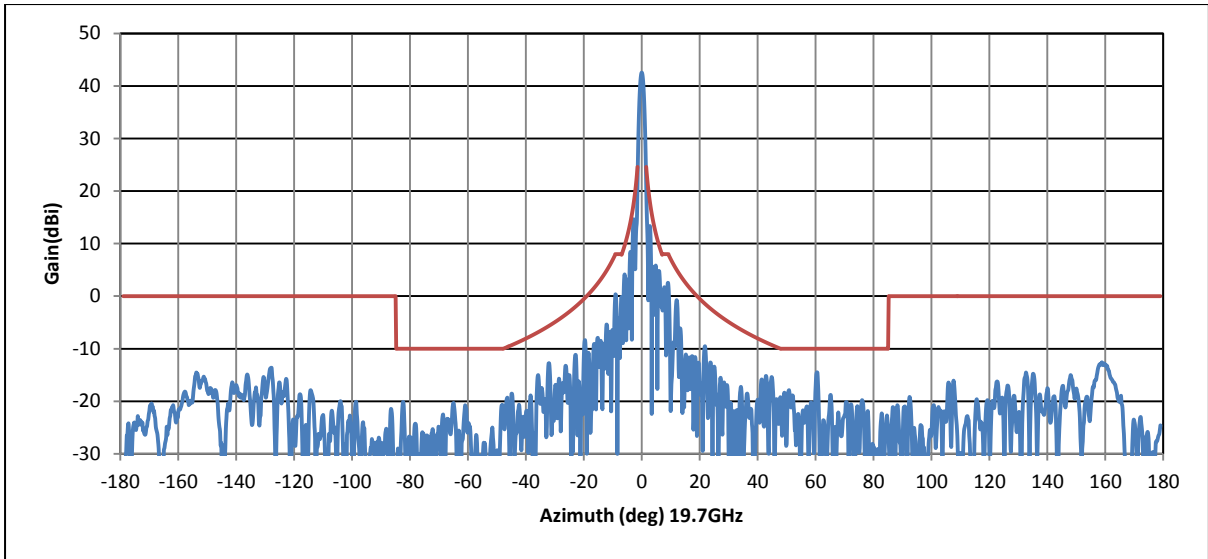


Figure 17 - Plot for 19.95 GHz

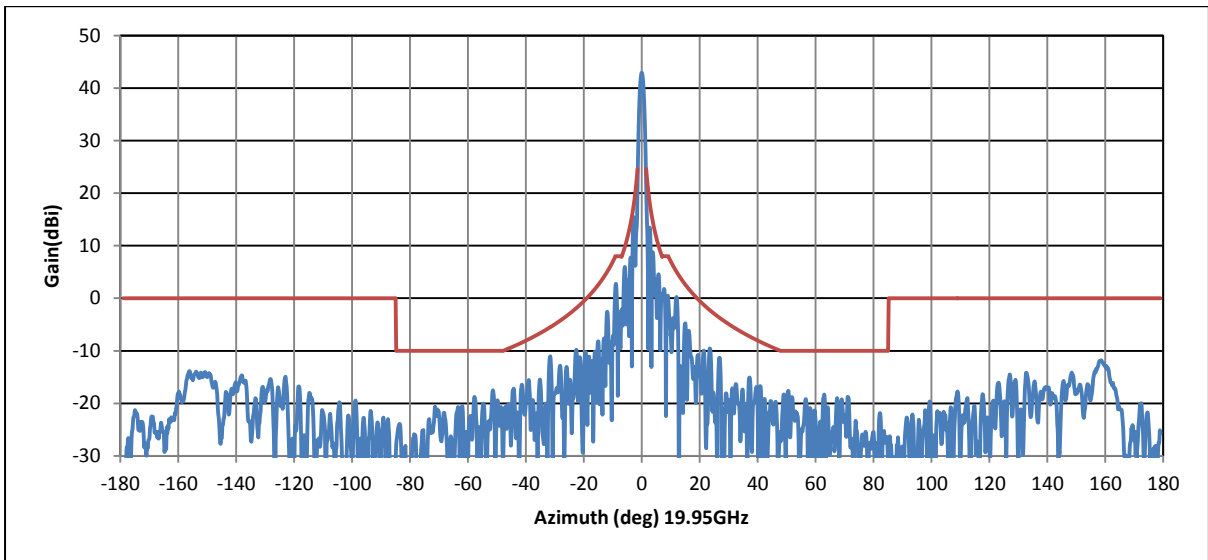
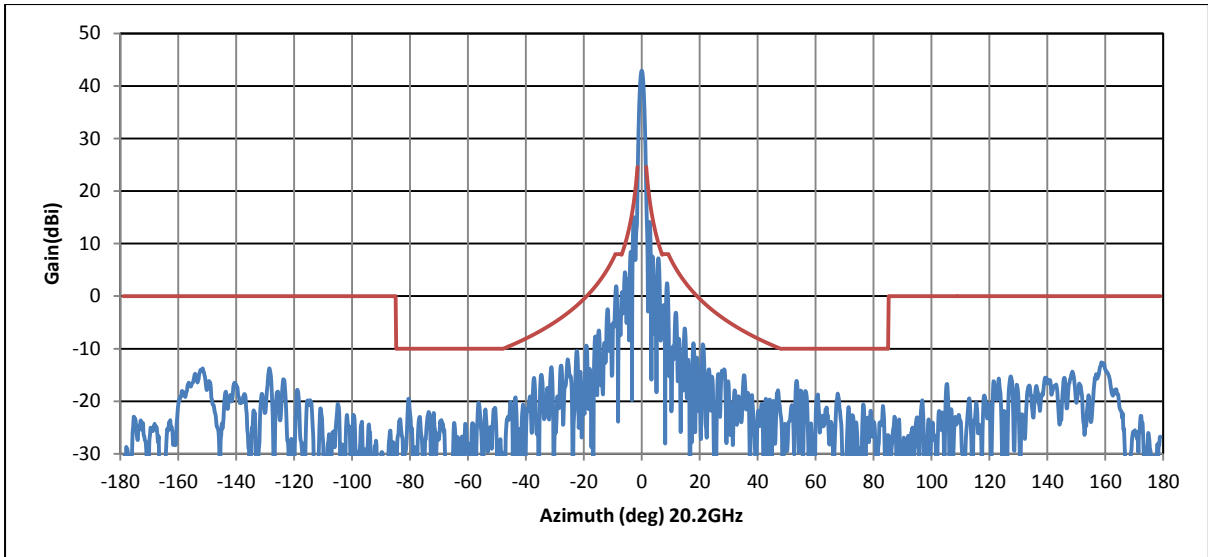


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

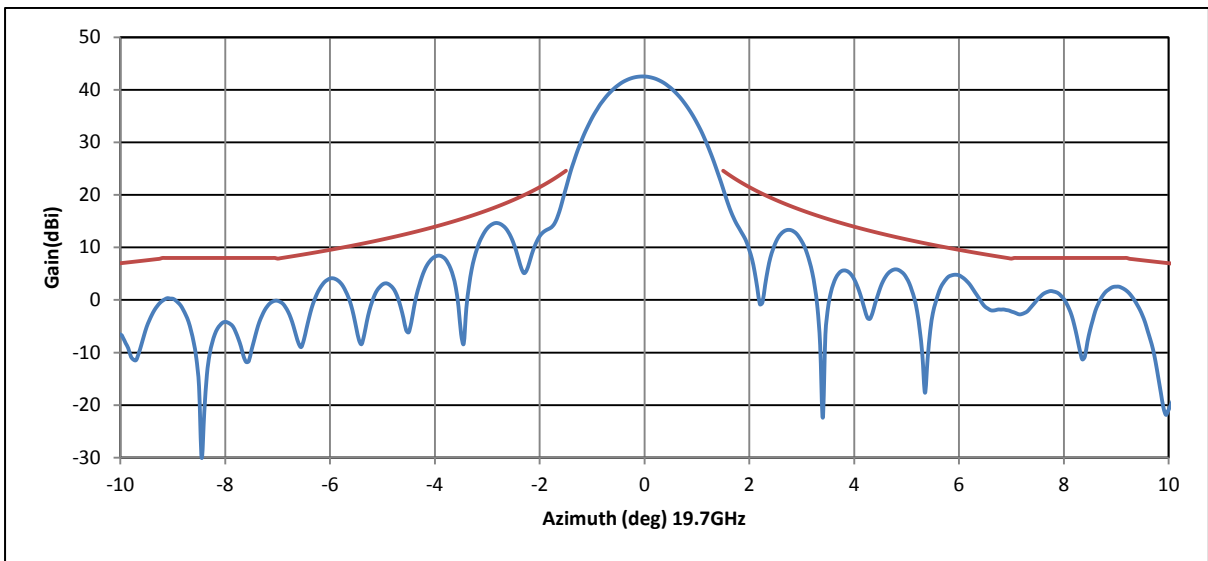


Figure 20 - Plot for 19.95 GHz

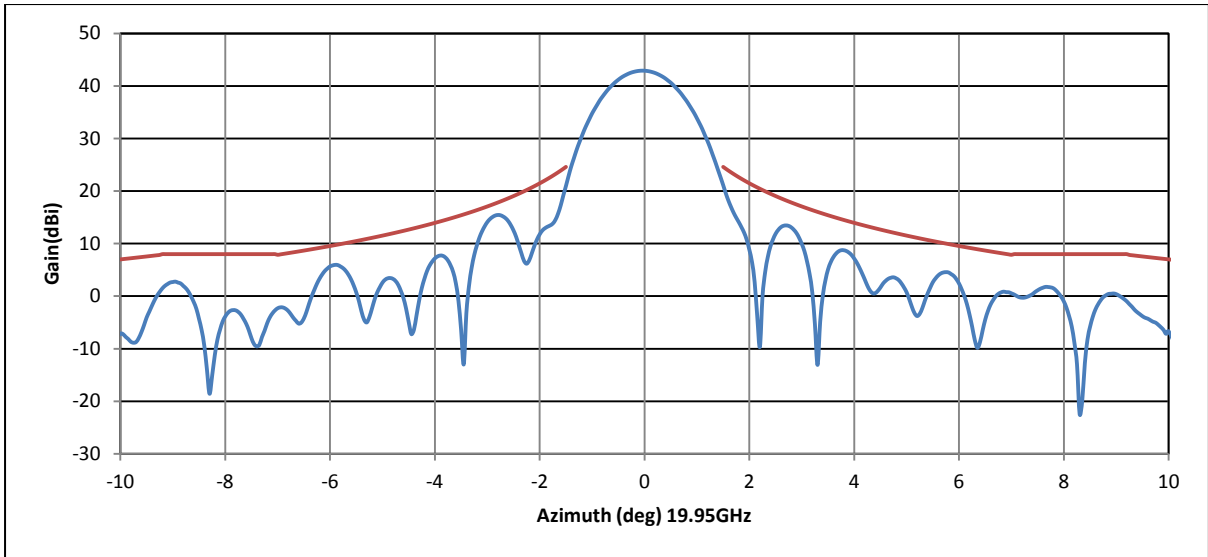
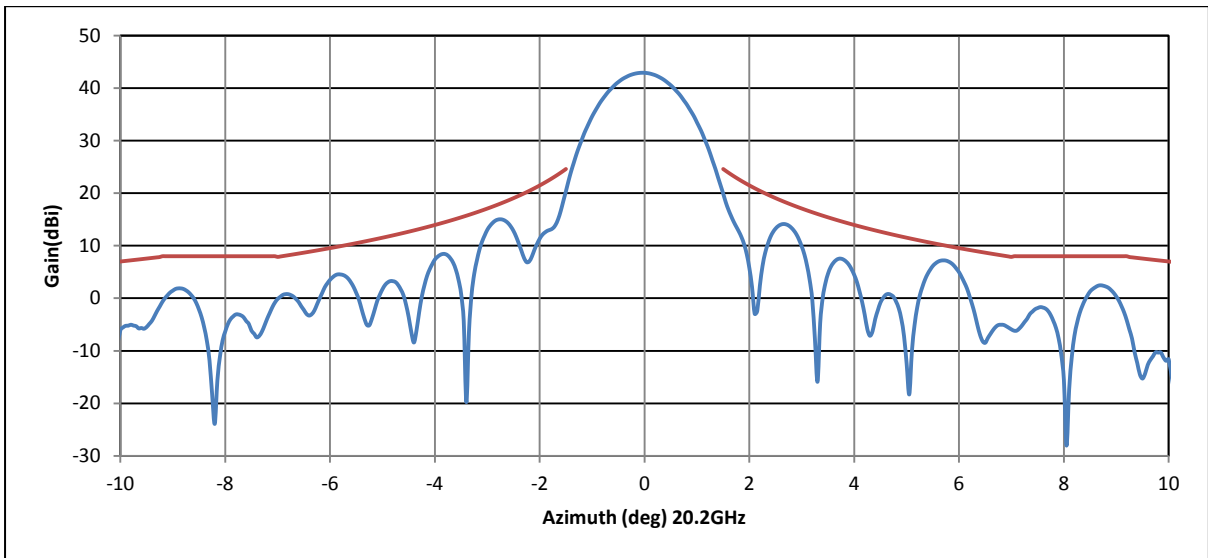


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

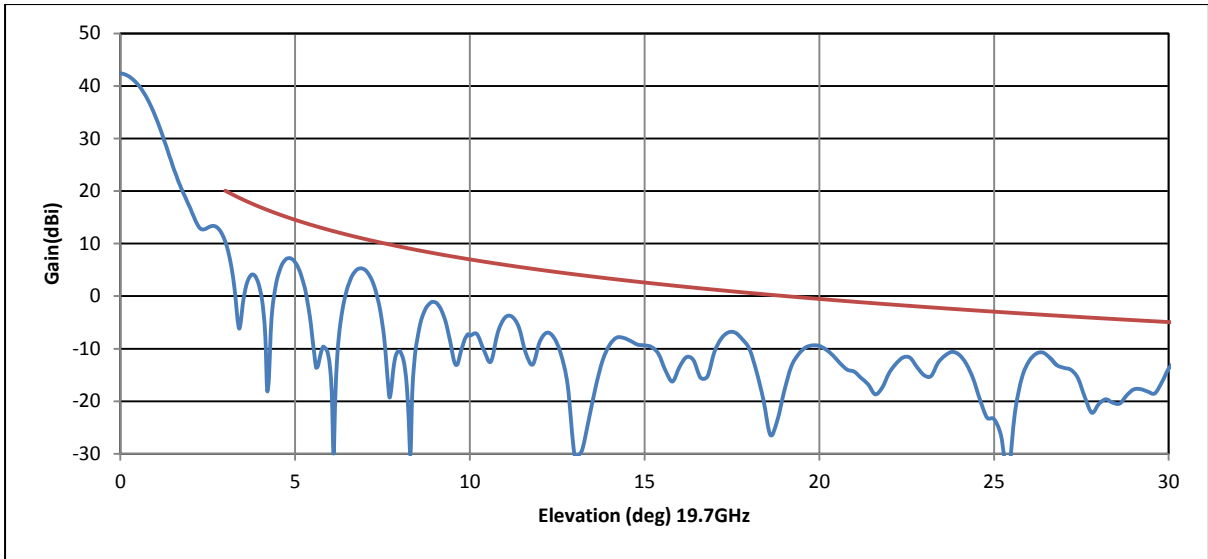


Figure 23 - Plot for 19.95 GHz

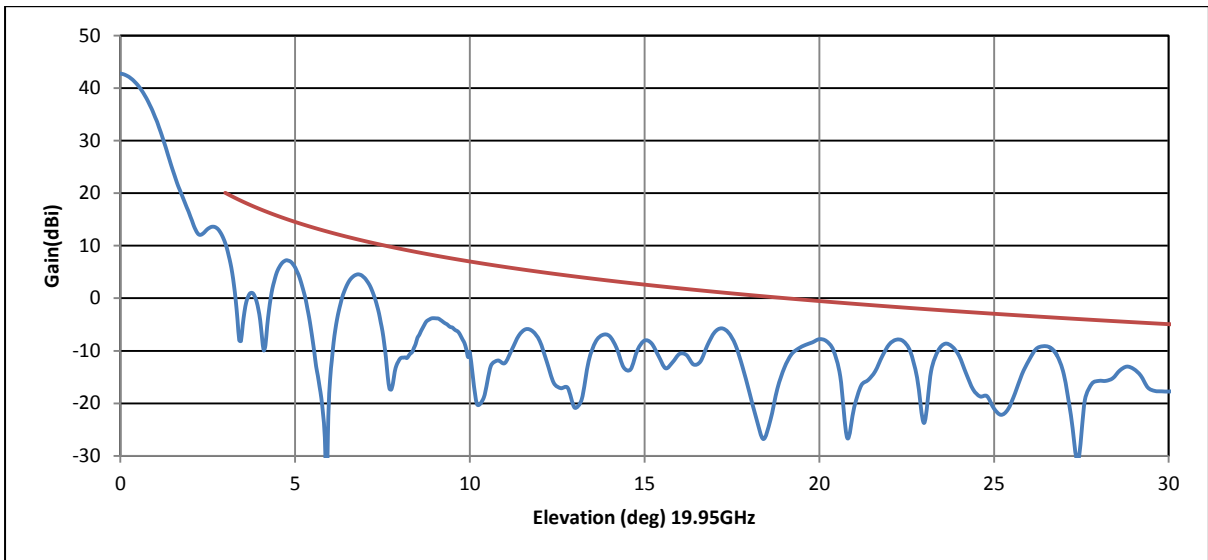
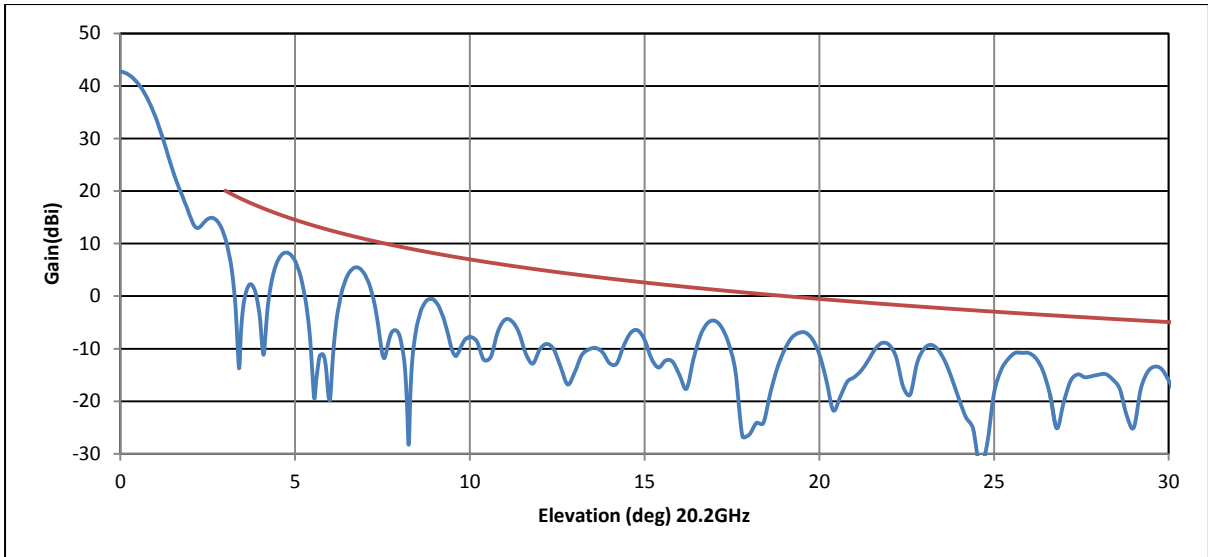


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

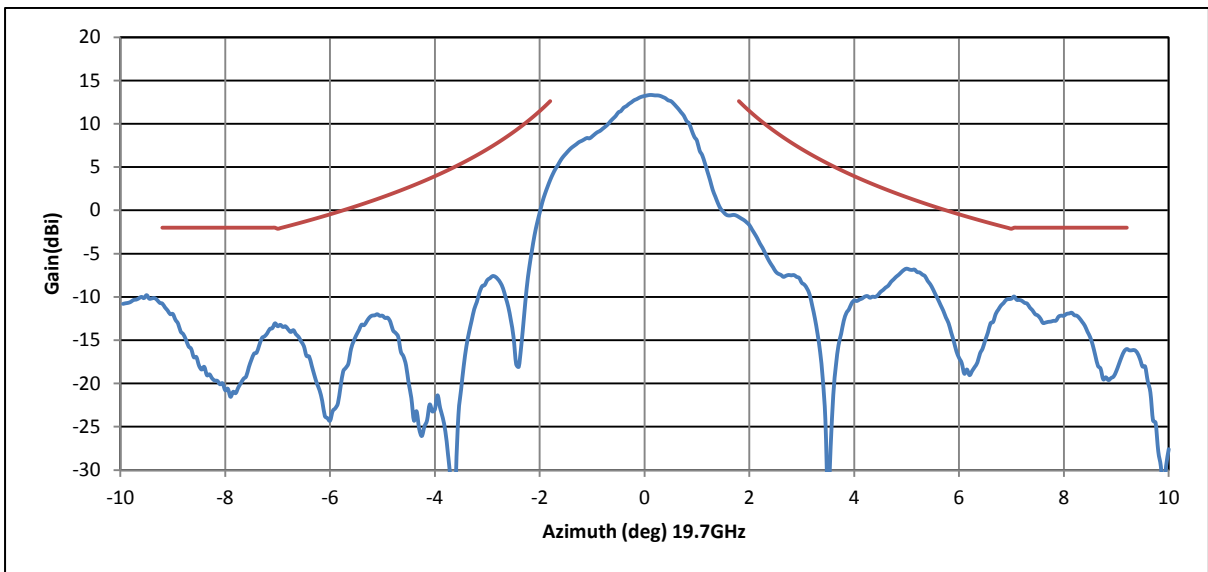


Figure 26 - Plot for 19.95 GHz

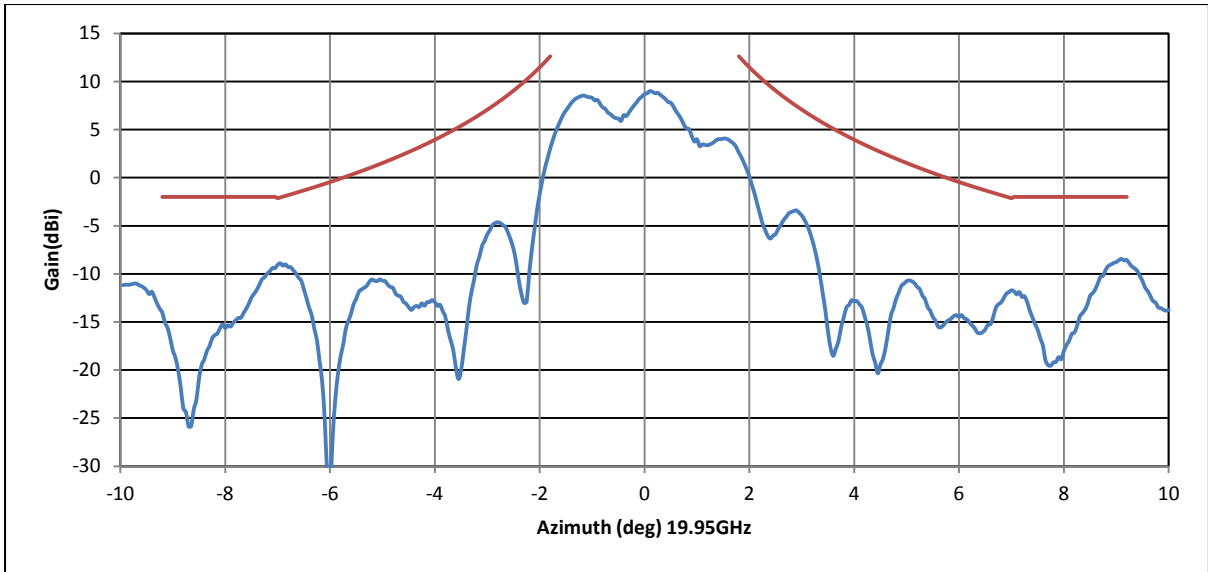
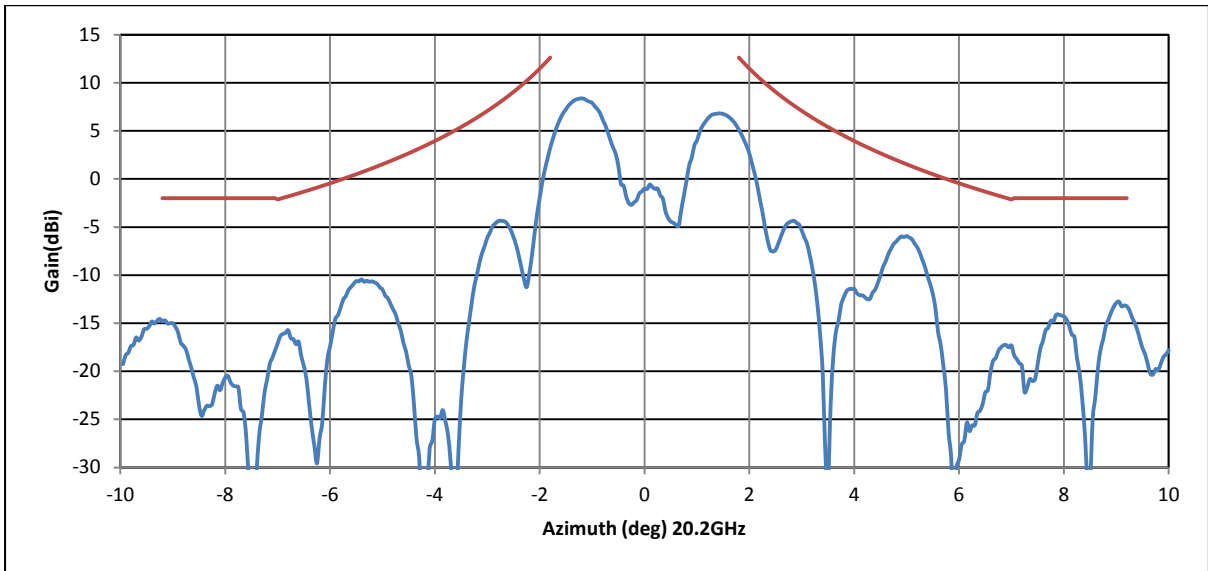


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

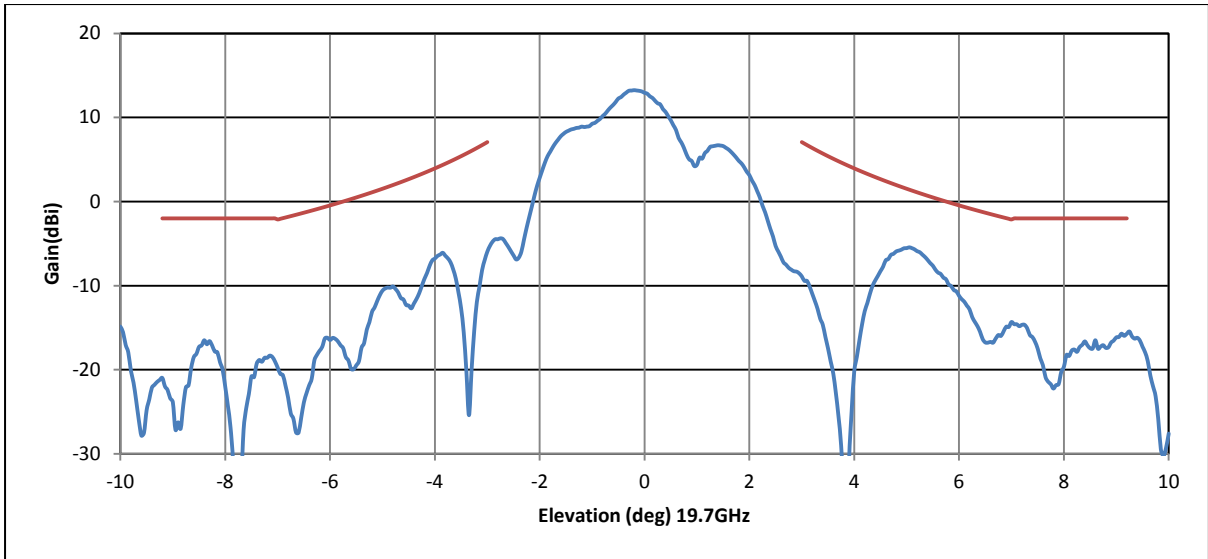


Figure 29 - Plot for 19.95 GHz

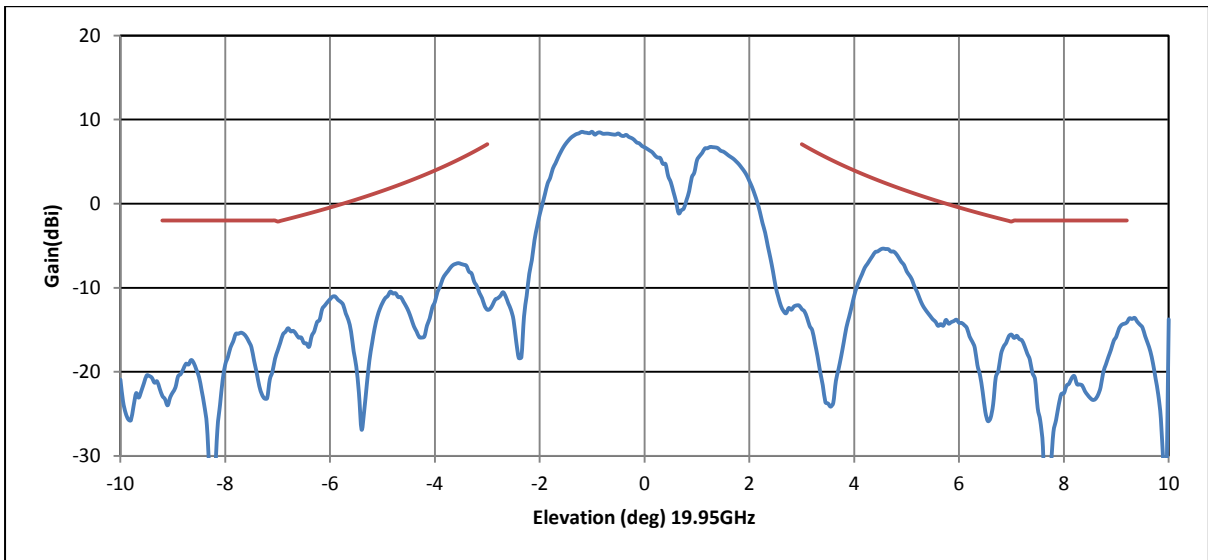


Figure 30 - Plot for 20.2 GHz

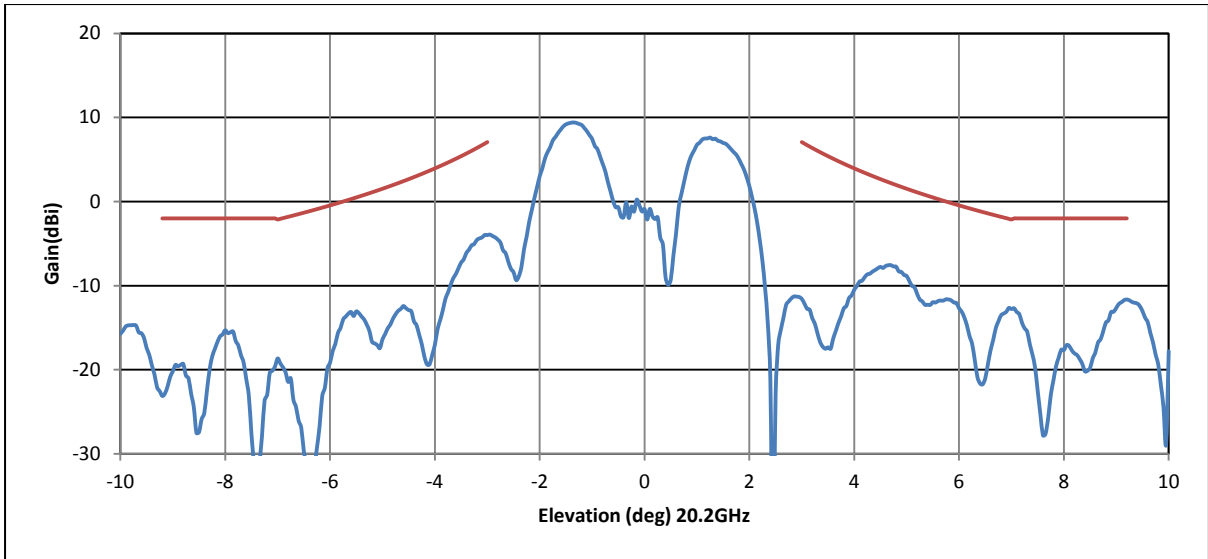


EXHIBIT B-4

Plots for L3 Hawkeye III Lite Terminal

The following attachment contains all the plots requested for showing the compliance of the L3 Hawkeye III Lite terminal with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

4. Plots for terminal type 1.2 meter Hawkeye III Lite

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

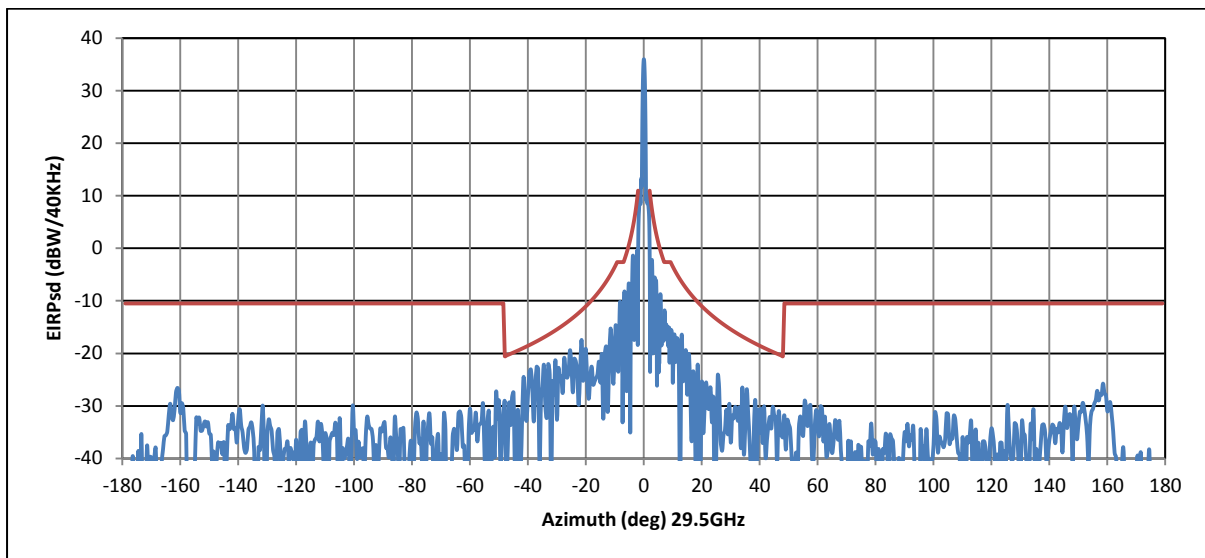


Figure 2 - Plot for 29.75 GHz

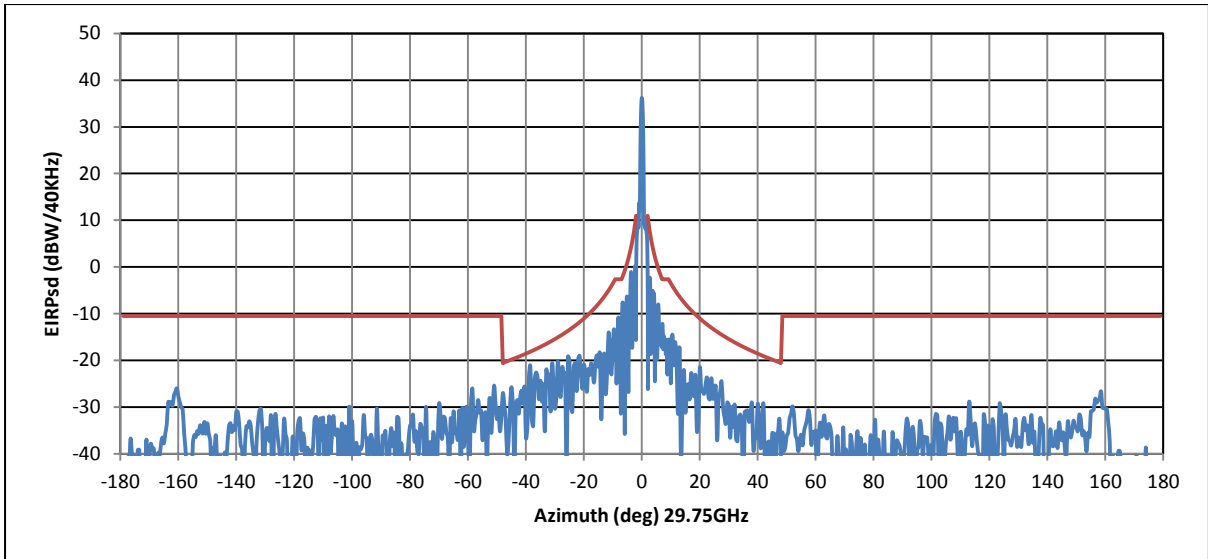
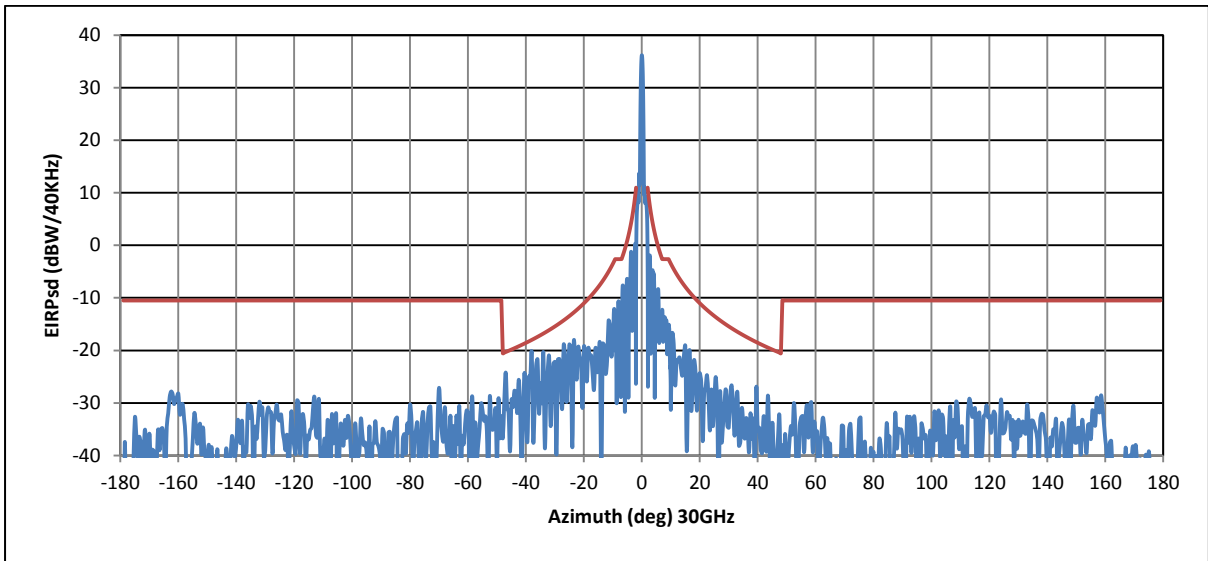


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

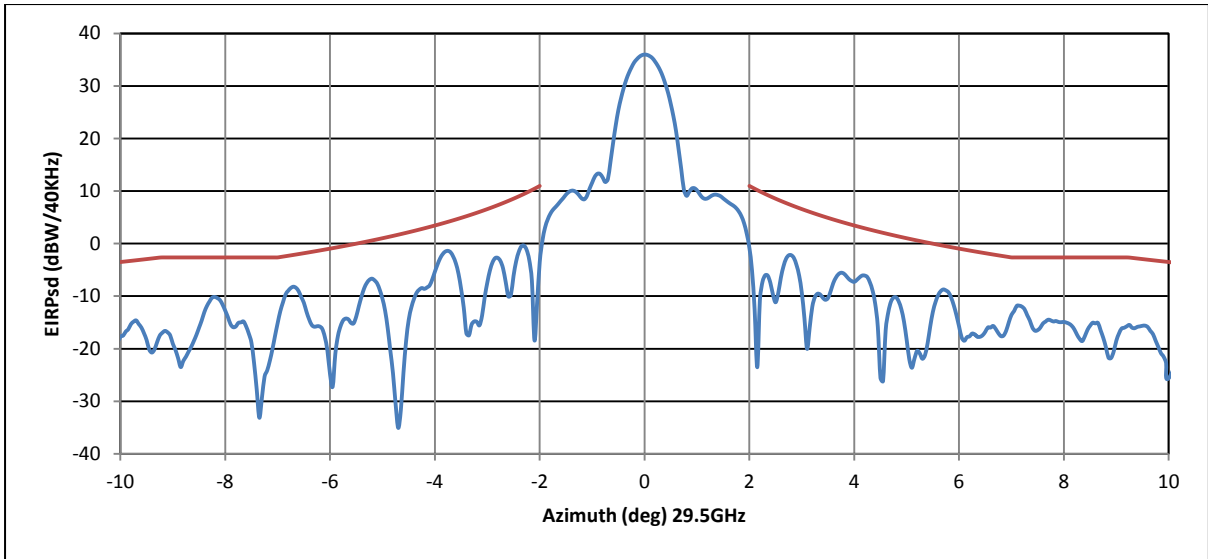


Figure 5 - Plot for 29.75 GHz

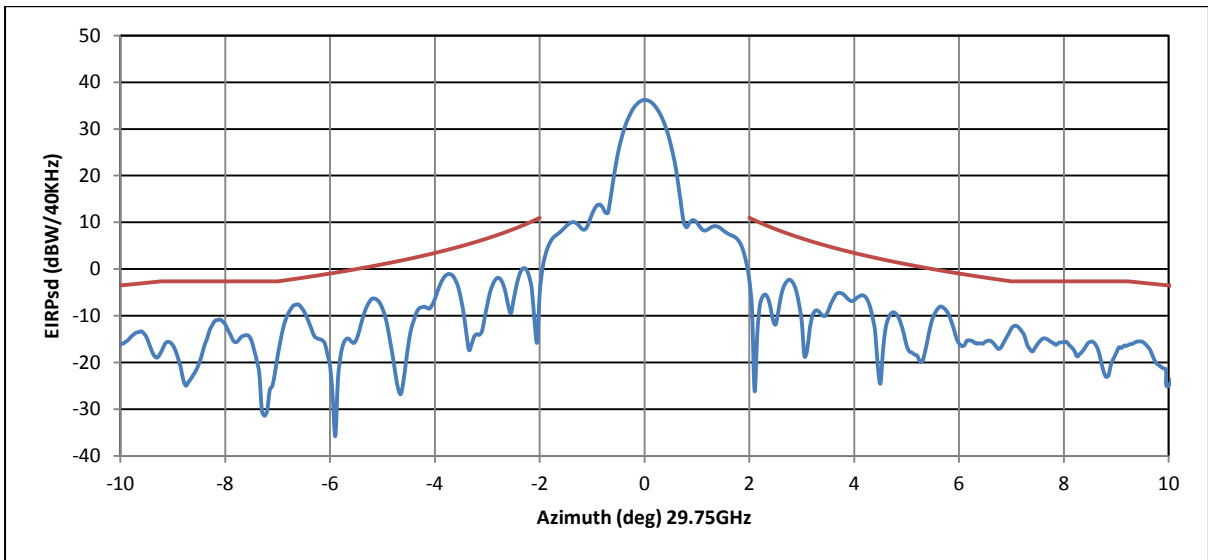
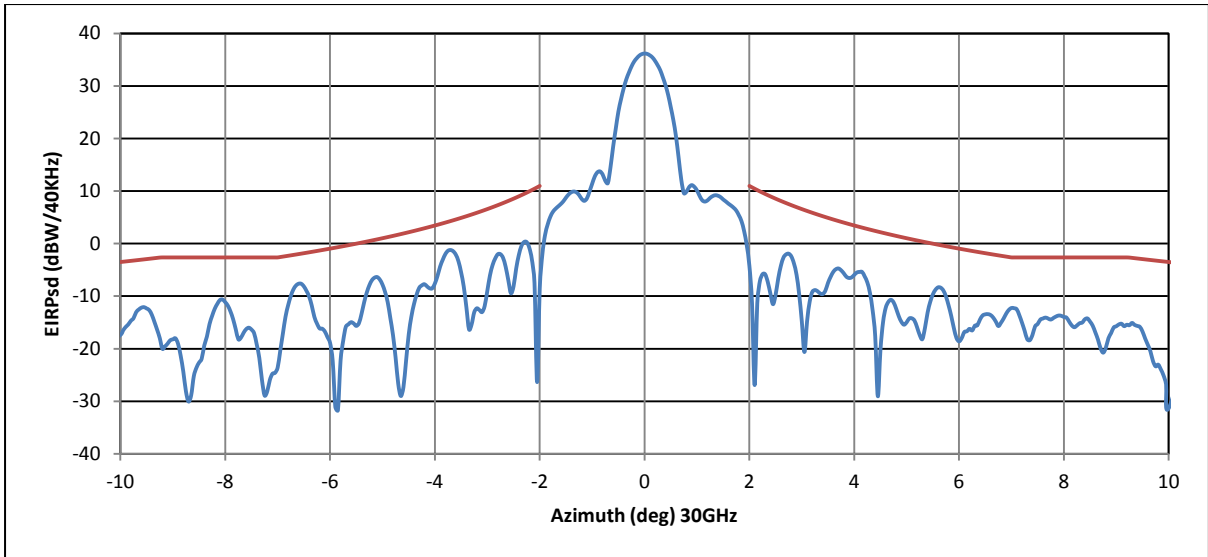


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

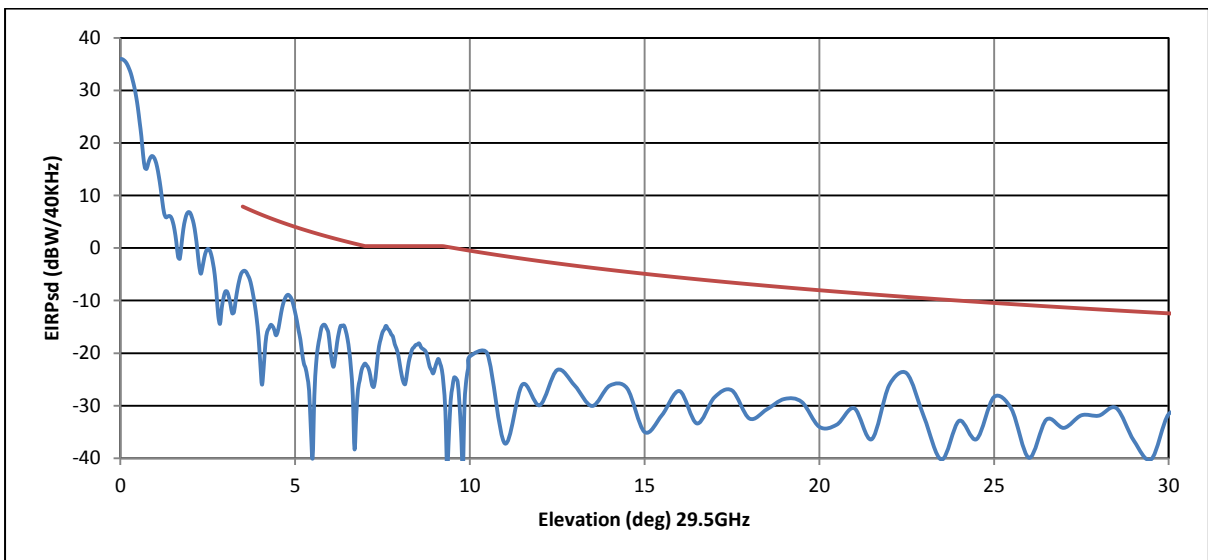


Figure 8 - Plot for 29.75 GHz

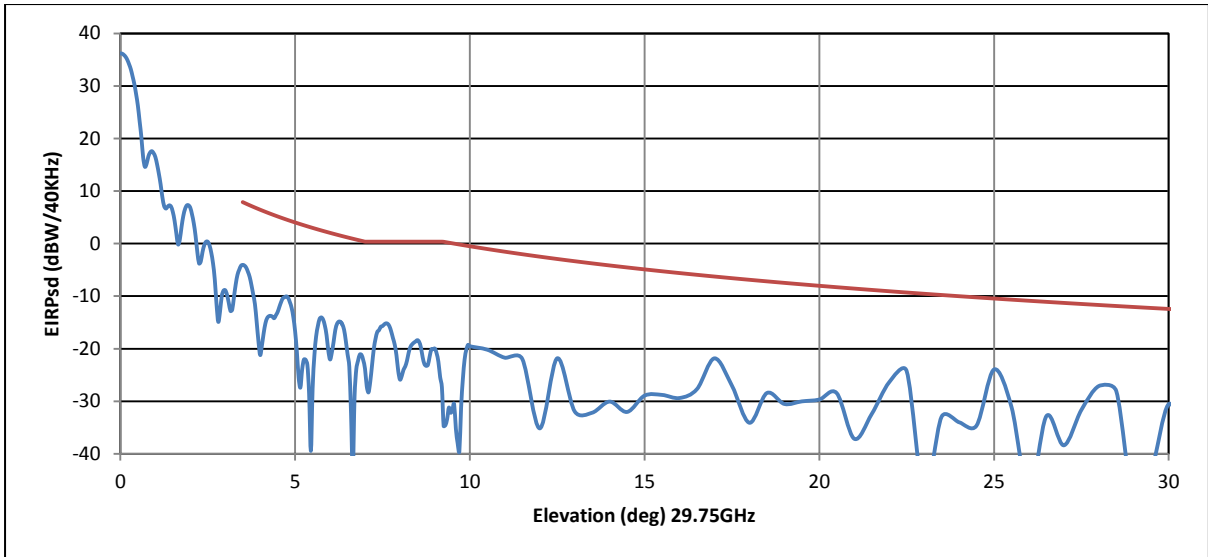
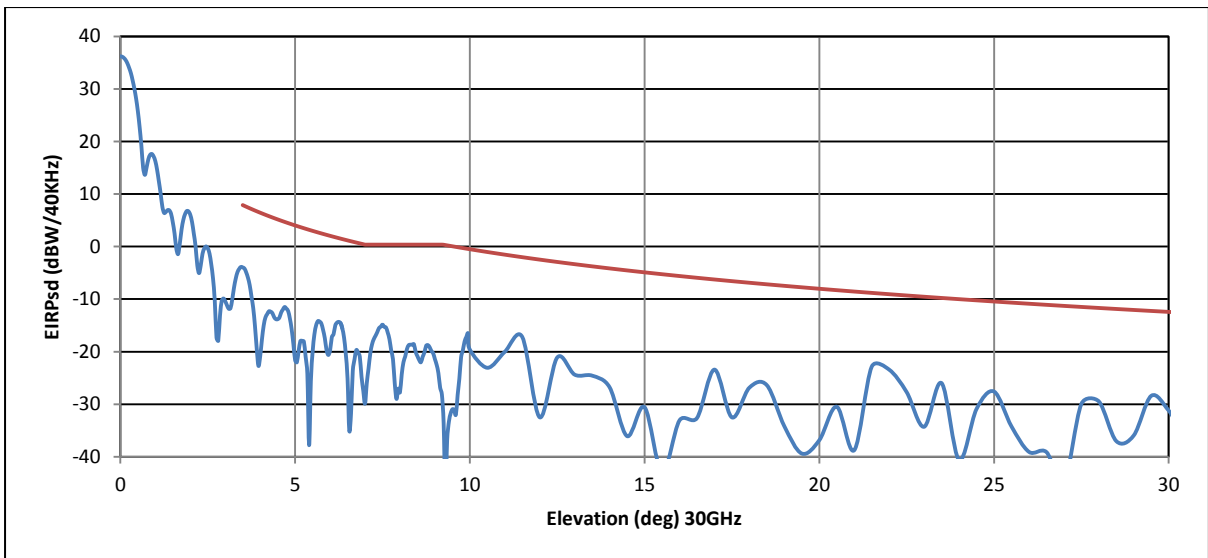


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

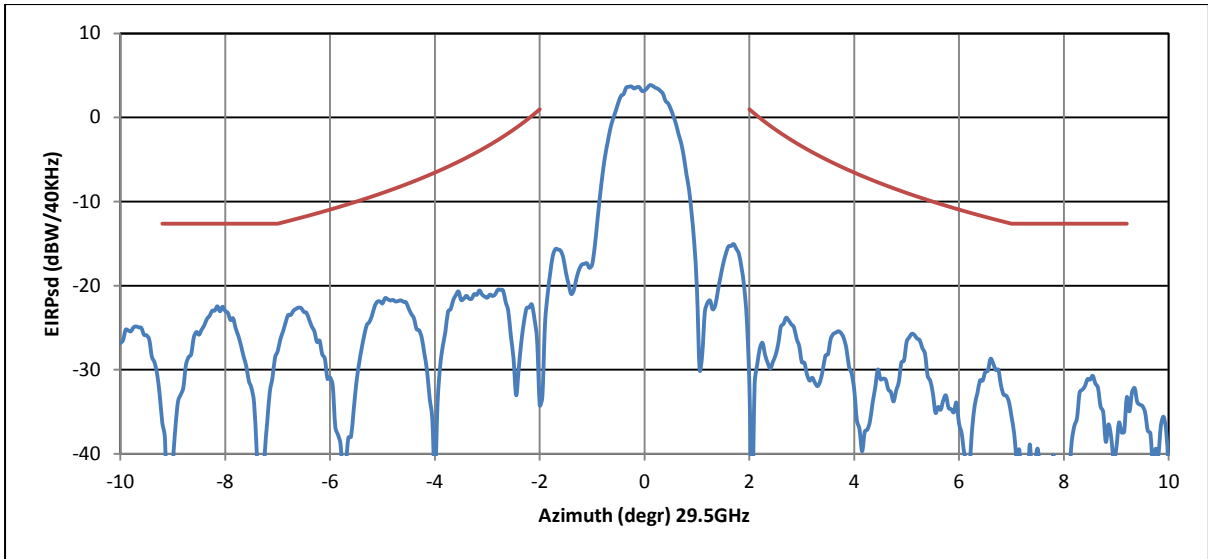


Figure 11 - Plot for 29.75 GHz

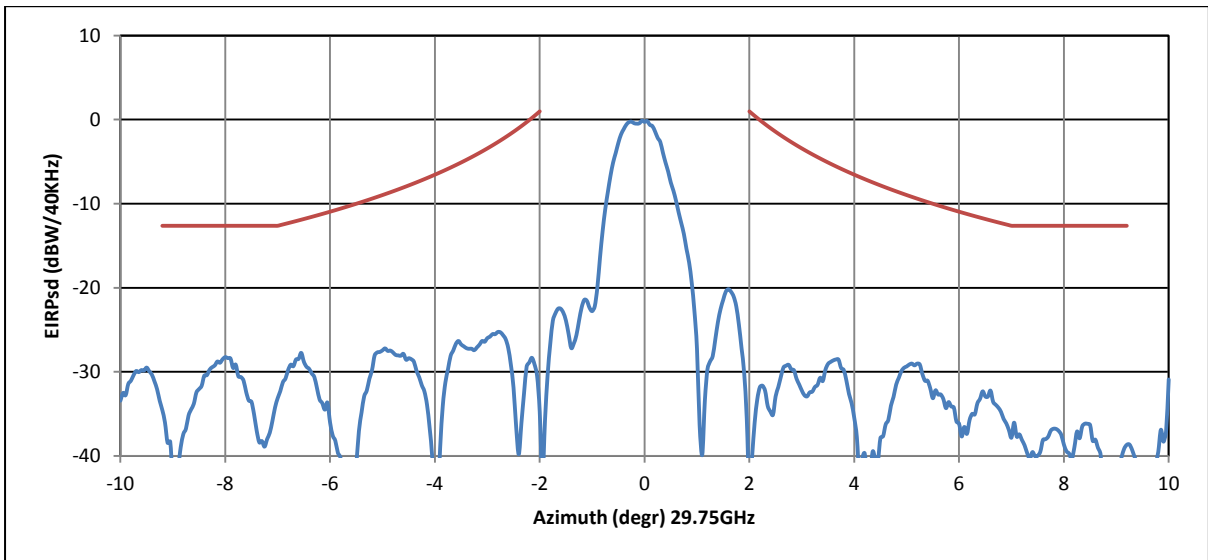
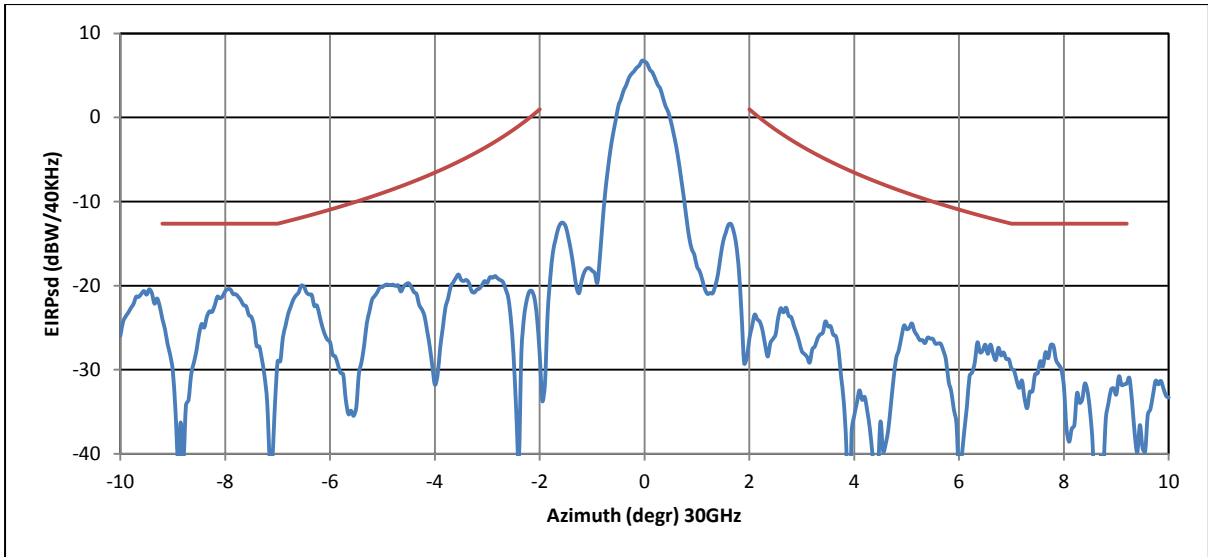


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

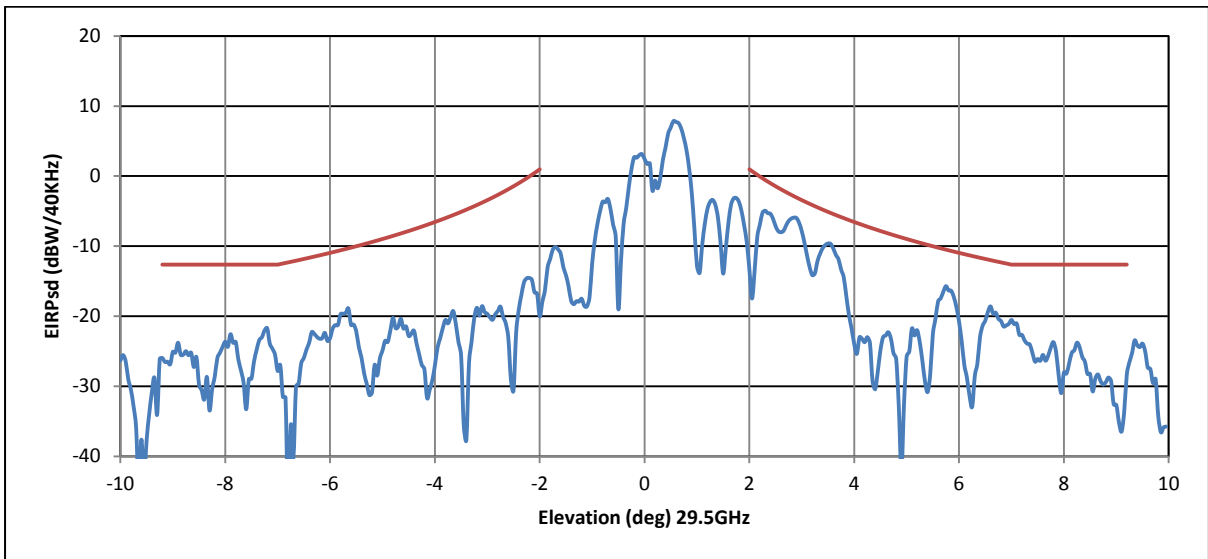


Figure 14 - Plot for 29.75 GHz

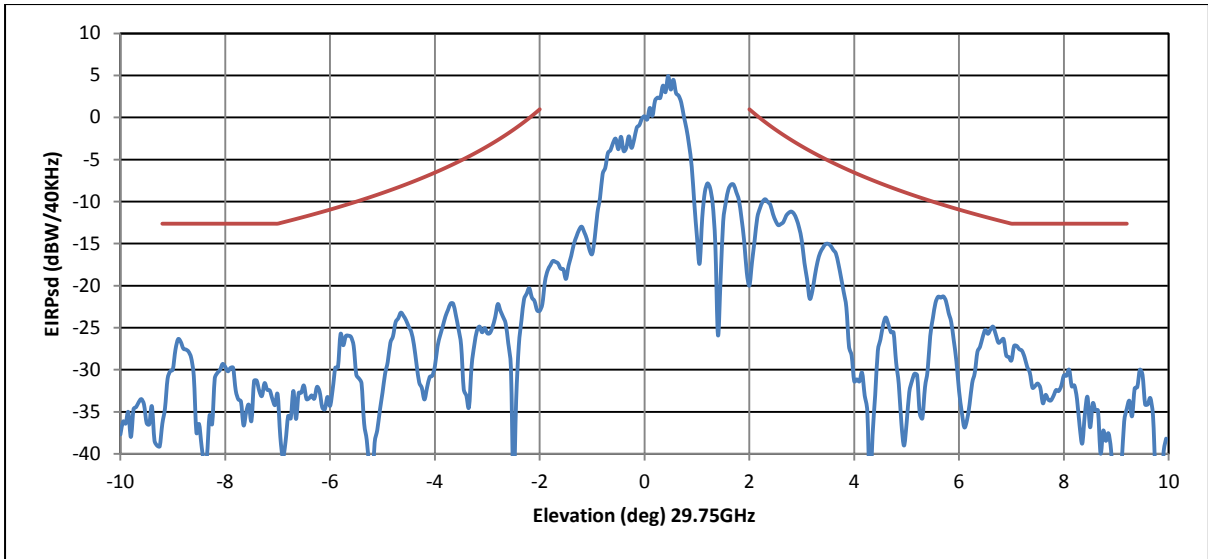
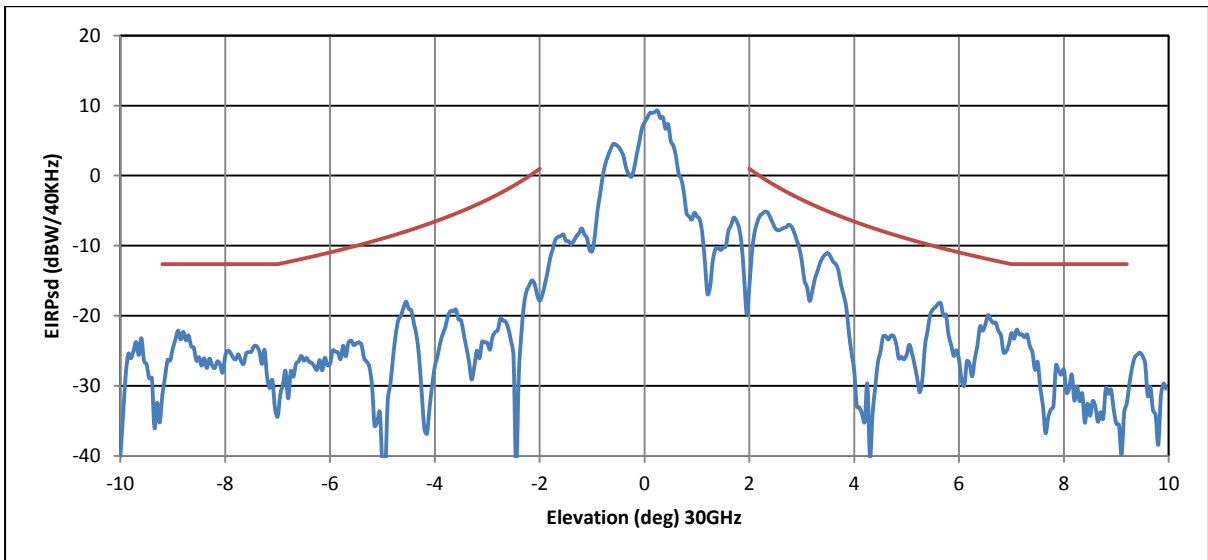


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

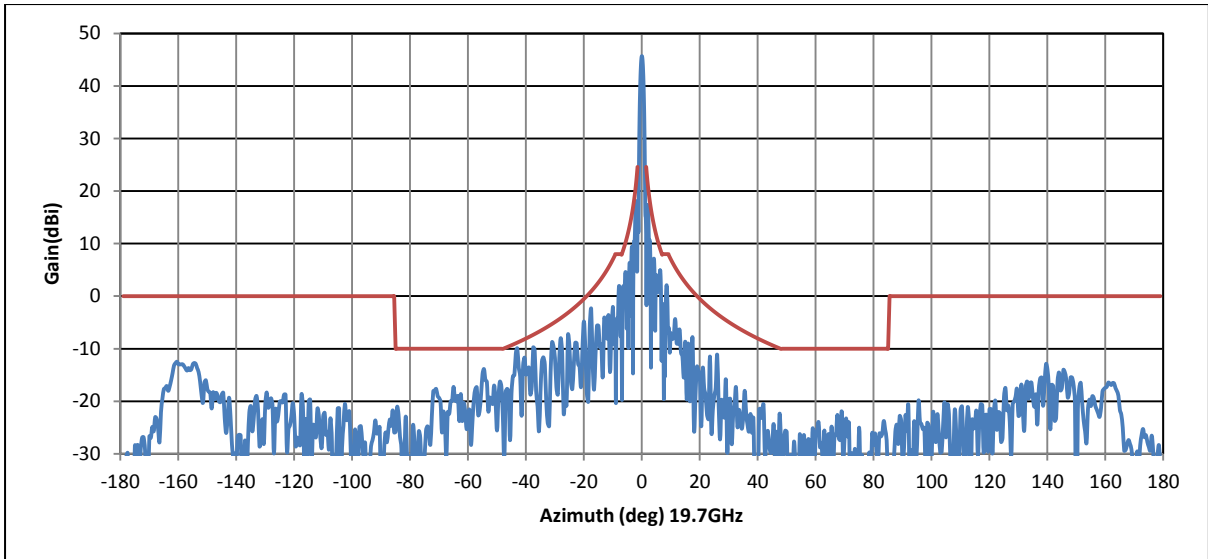


Figure 17 - Plot for 20.2 GHz

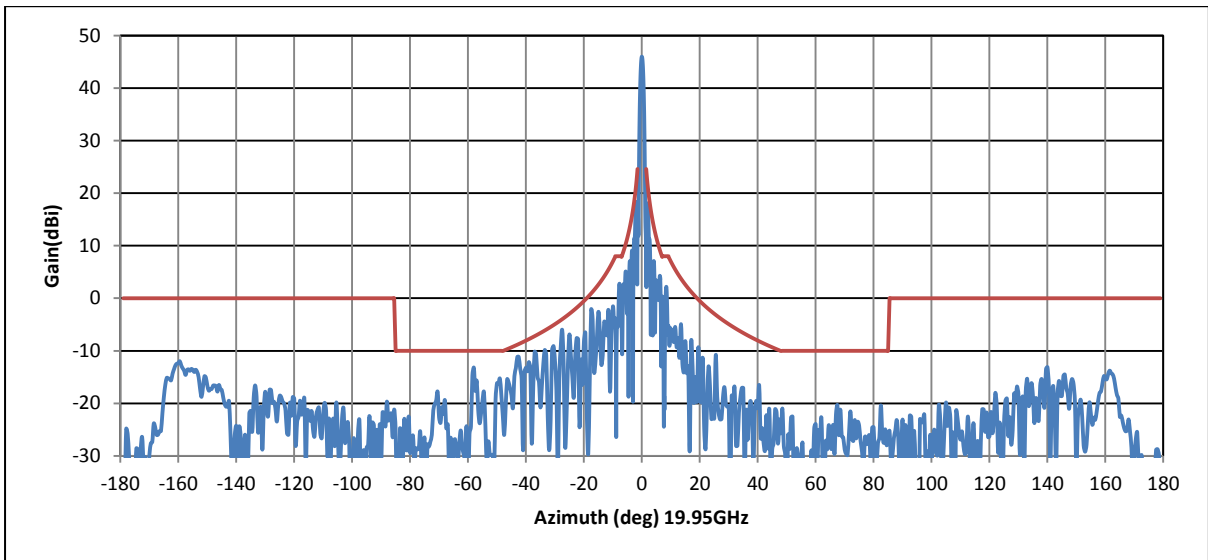
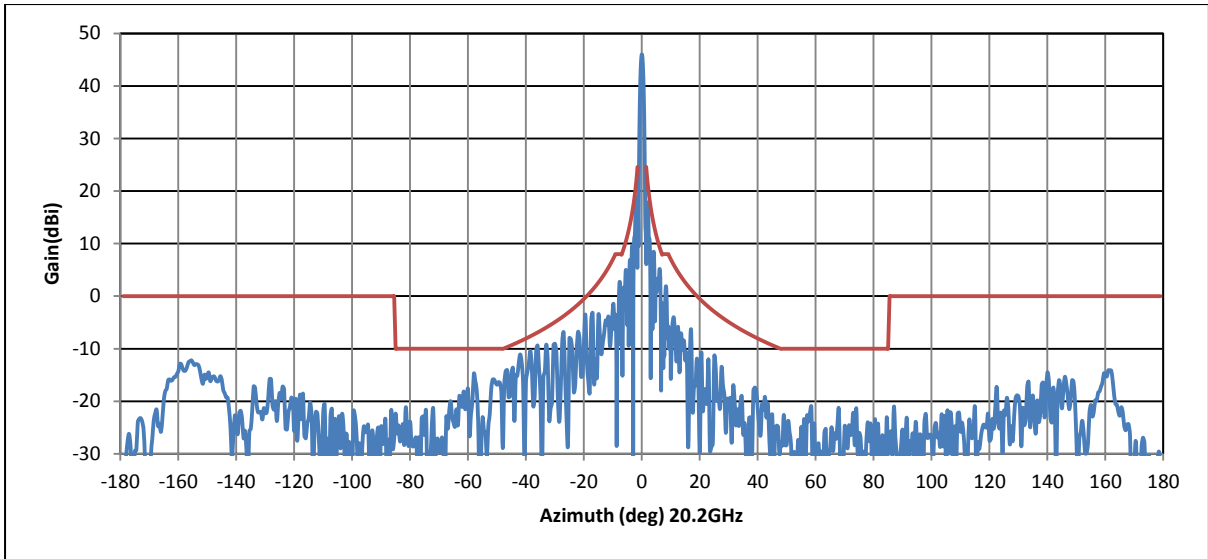


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

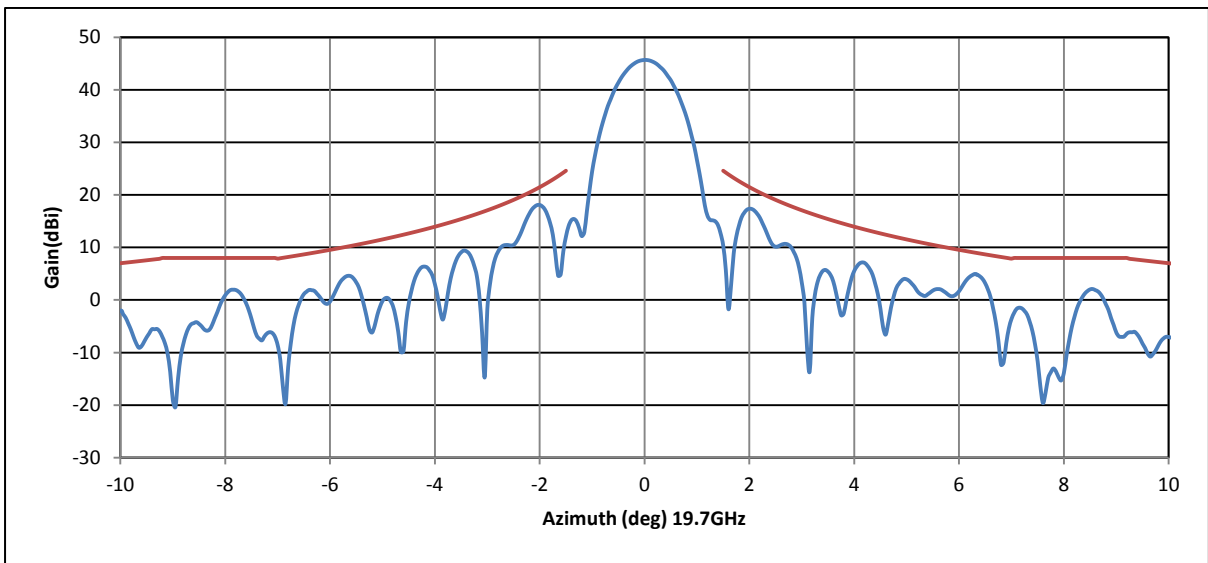


Figure 20 - Plot for 19.95 GHz

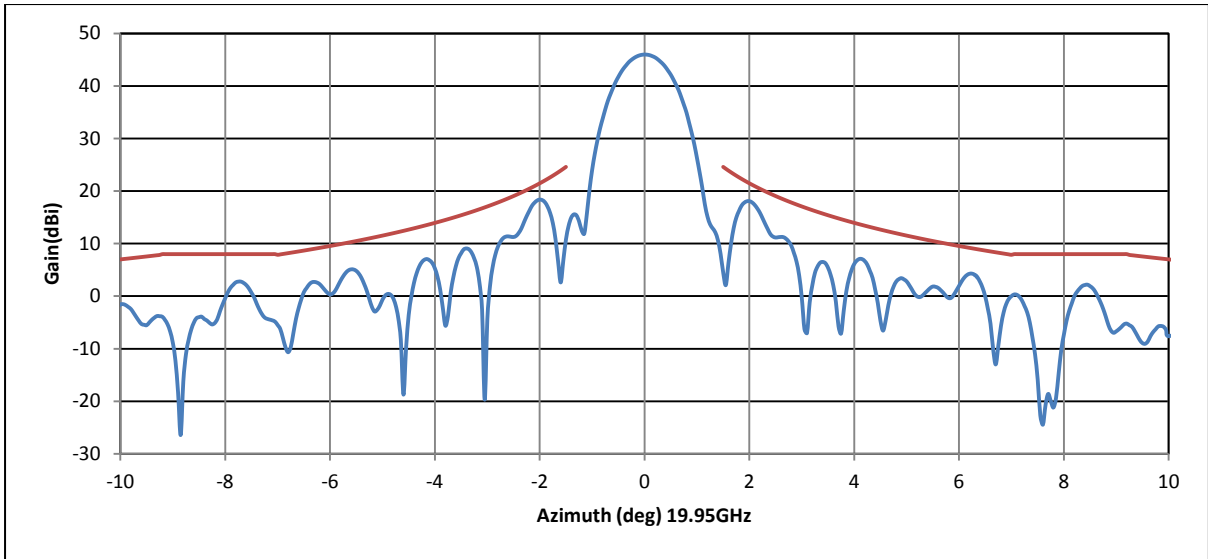
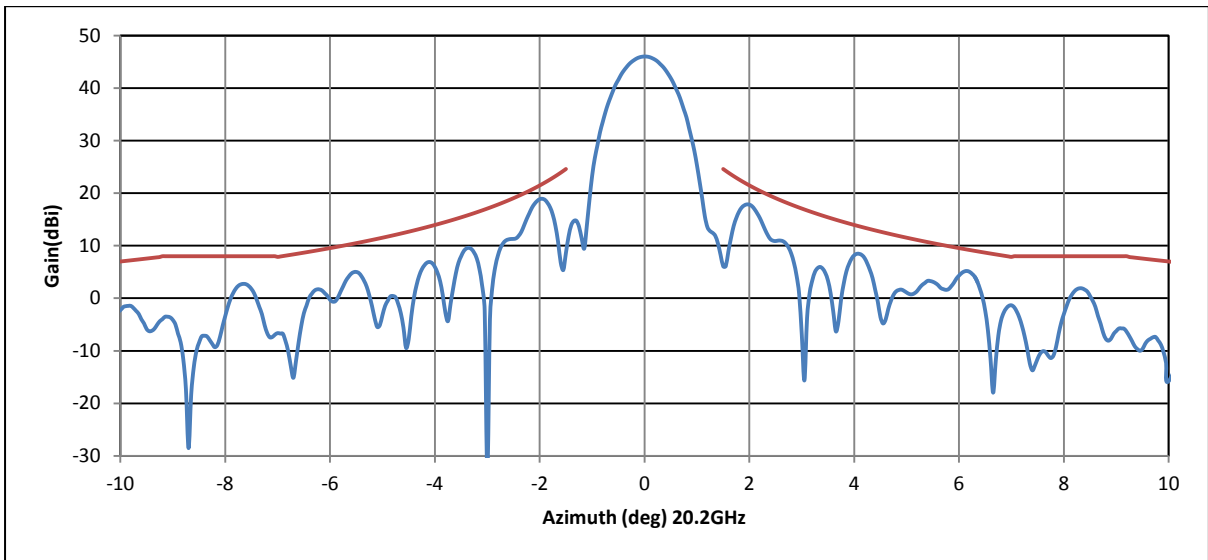


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

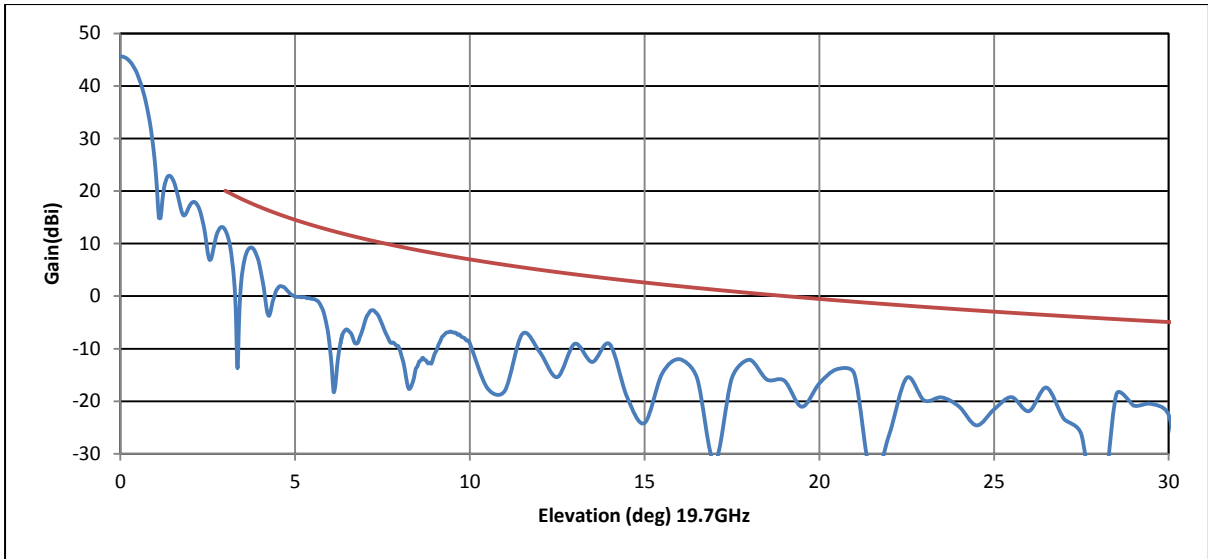


Figure 23 - Plot for 19.95 GHz

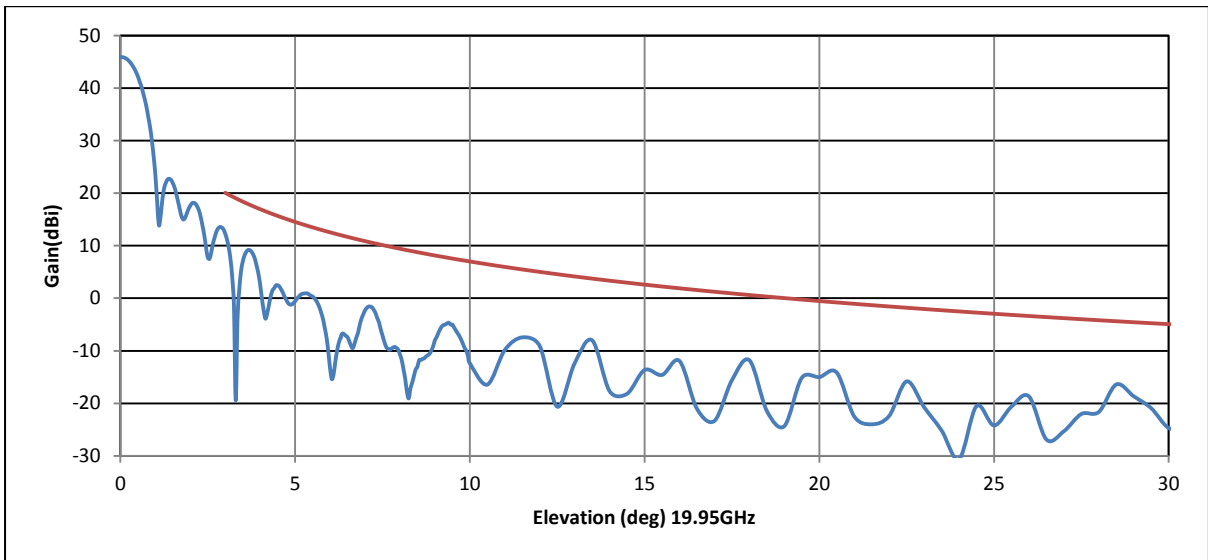
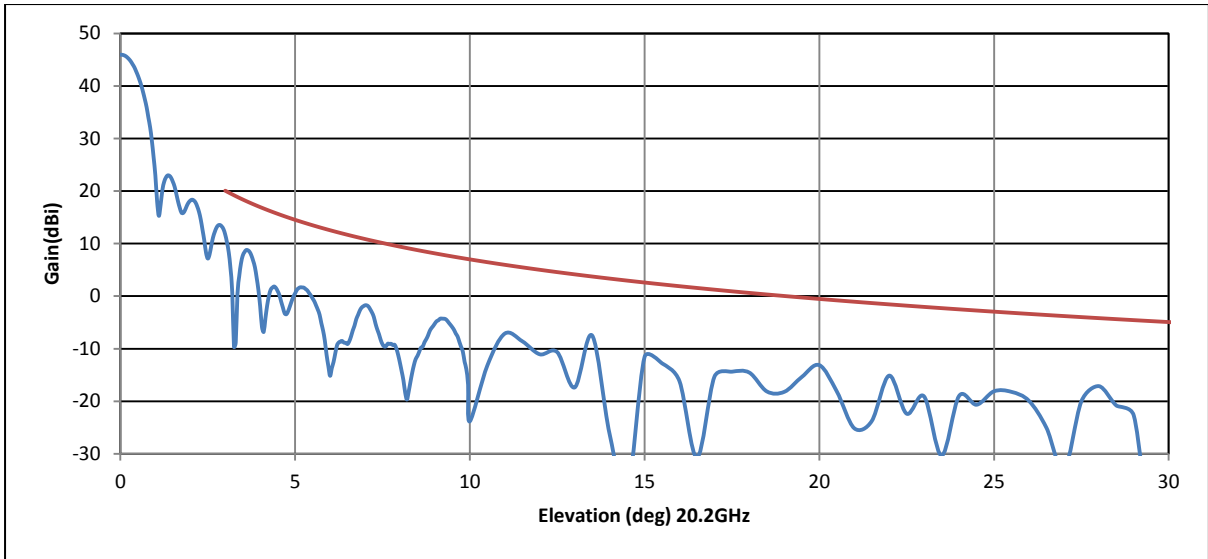


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

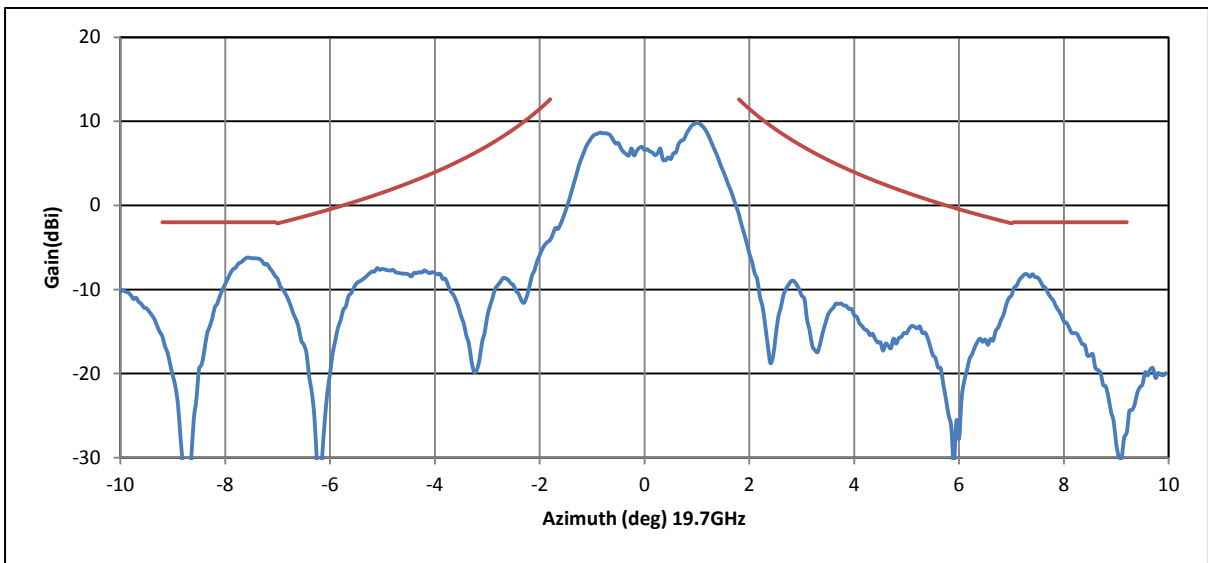


Figure 26 - Plot for 19.7 GHz

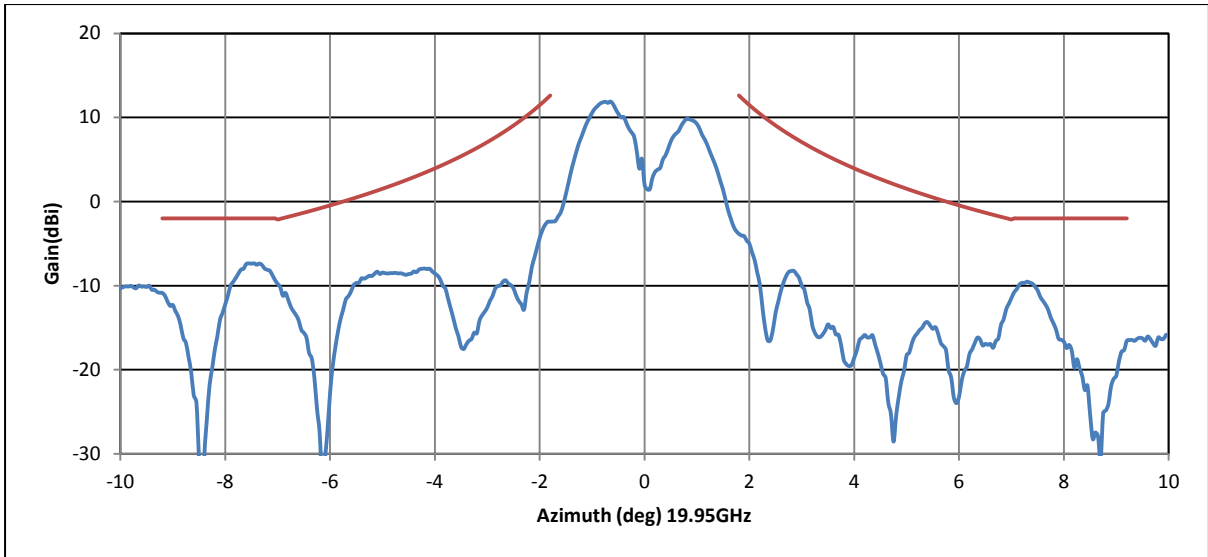
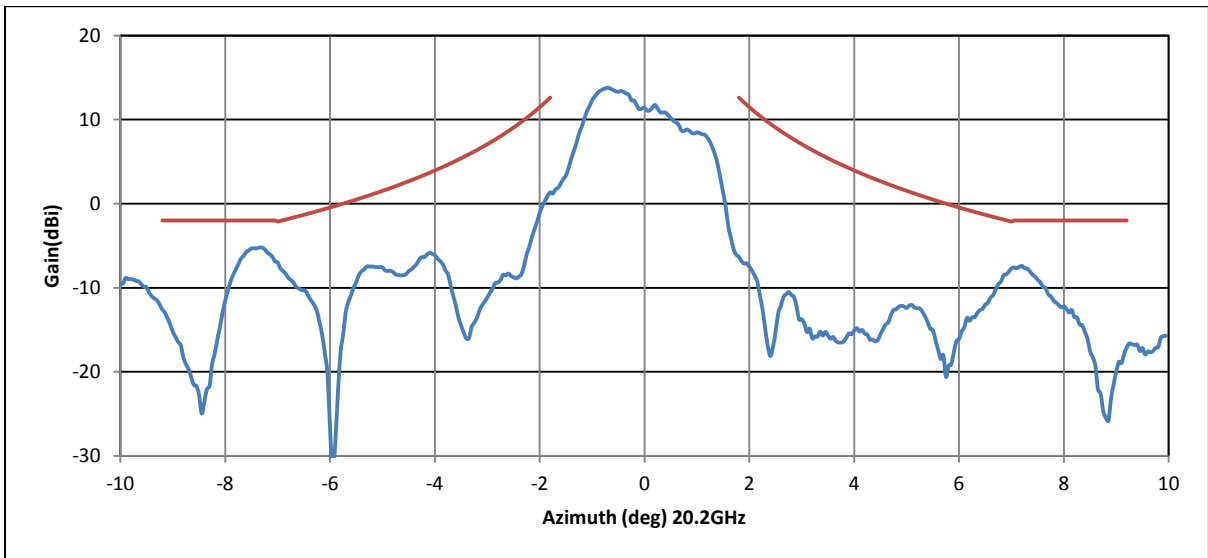


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

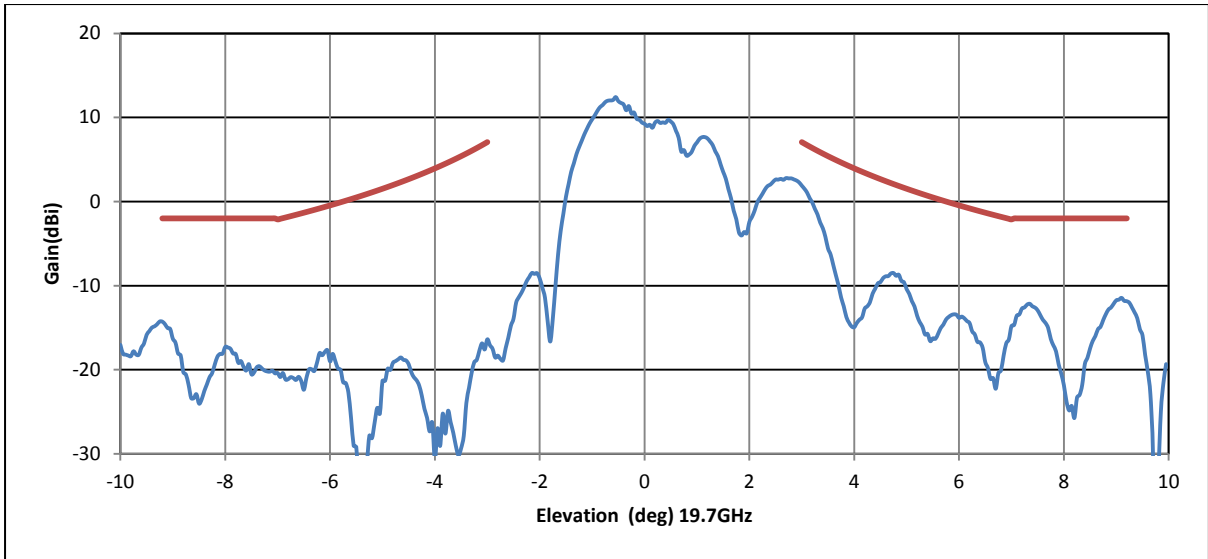


Figure 29 - Plot for 19.95 GHz

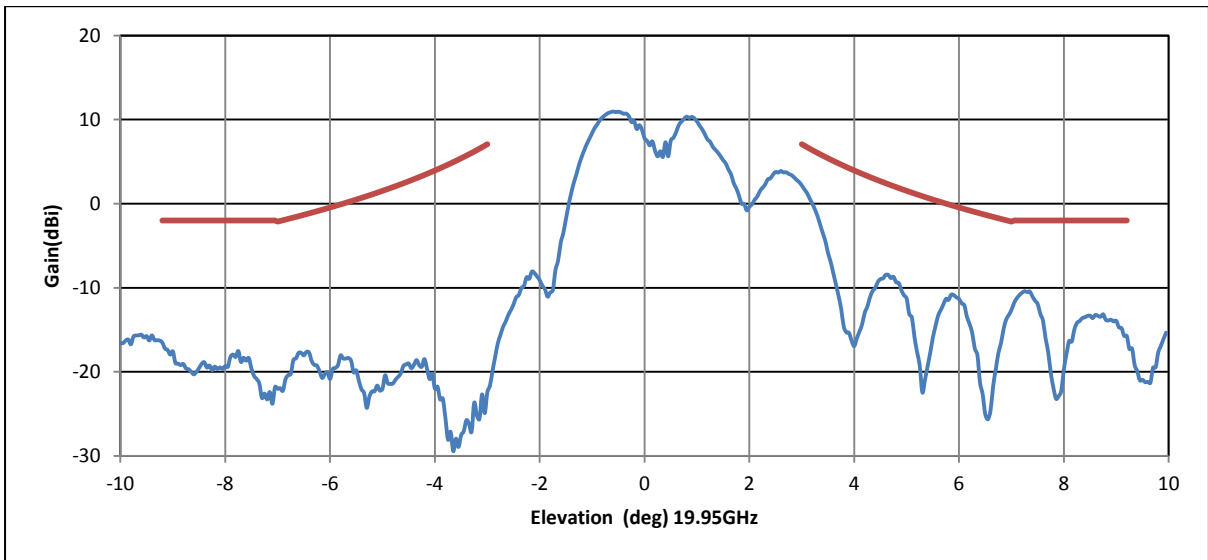


Figure 30 - Plot for 20.2 GHz

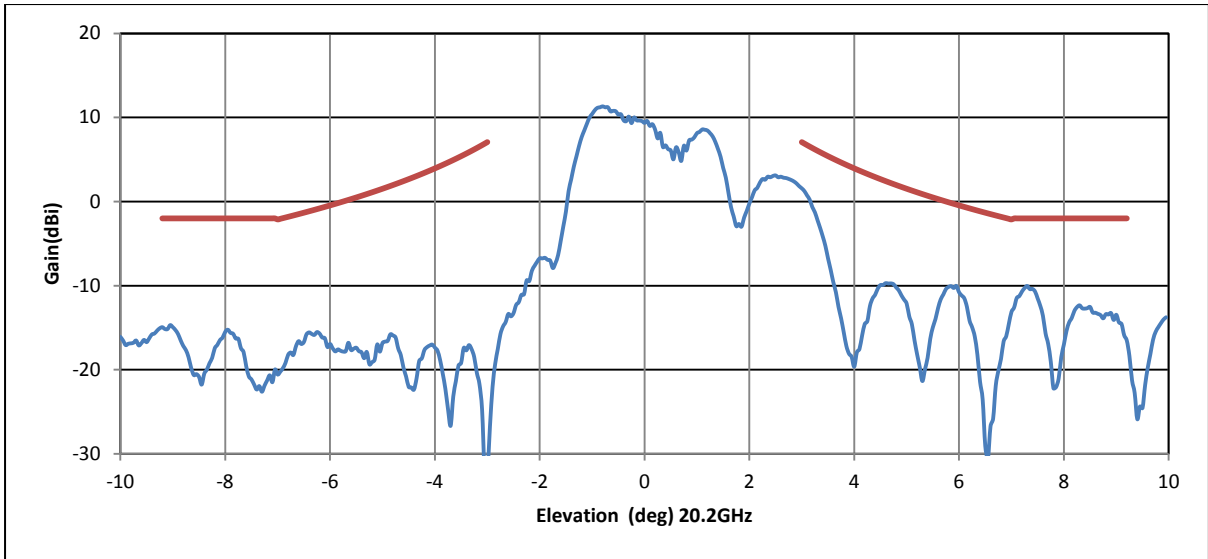


EXHIBIT B-5

Plots for Paradigm/SWT Connect70 Model

The following attachment contains all the plots requested for showing the compliance of the Paradigm/SWT Connect 70 model with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

5. Plots for terminal type 69cm Connect70

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

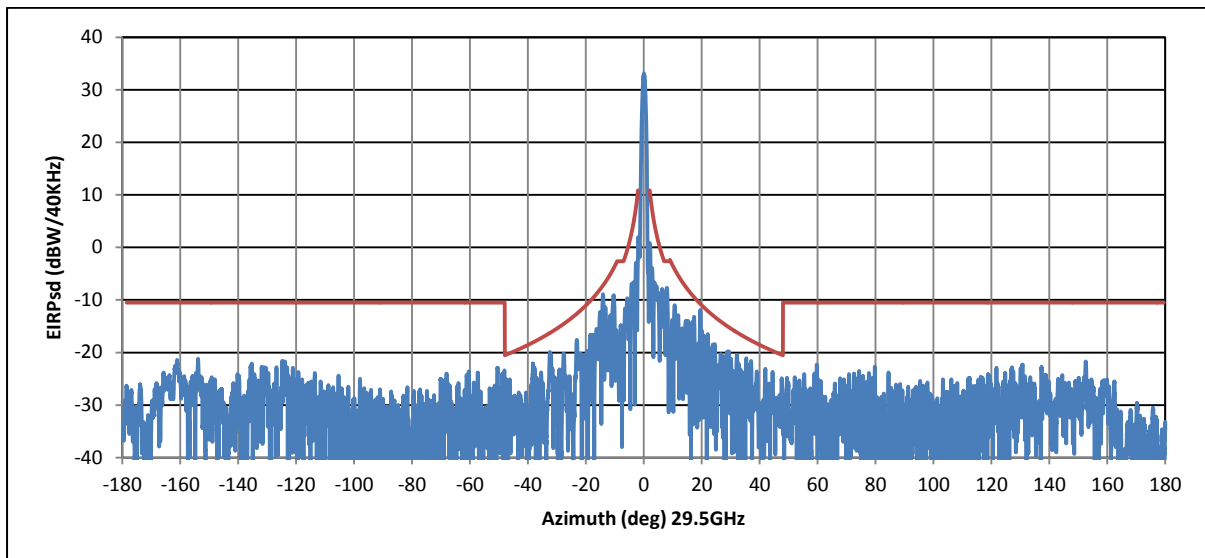


Figure 2 - Plot for 29.75 GHz

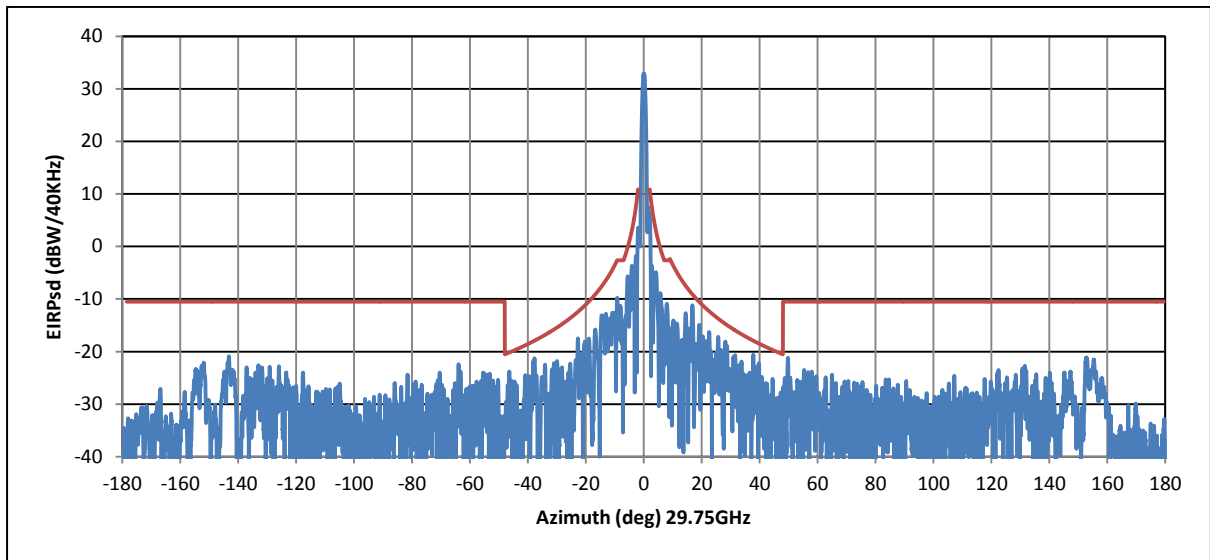
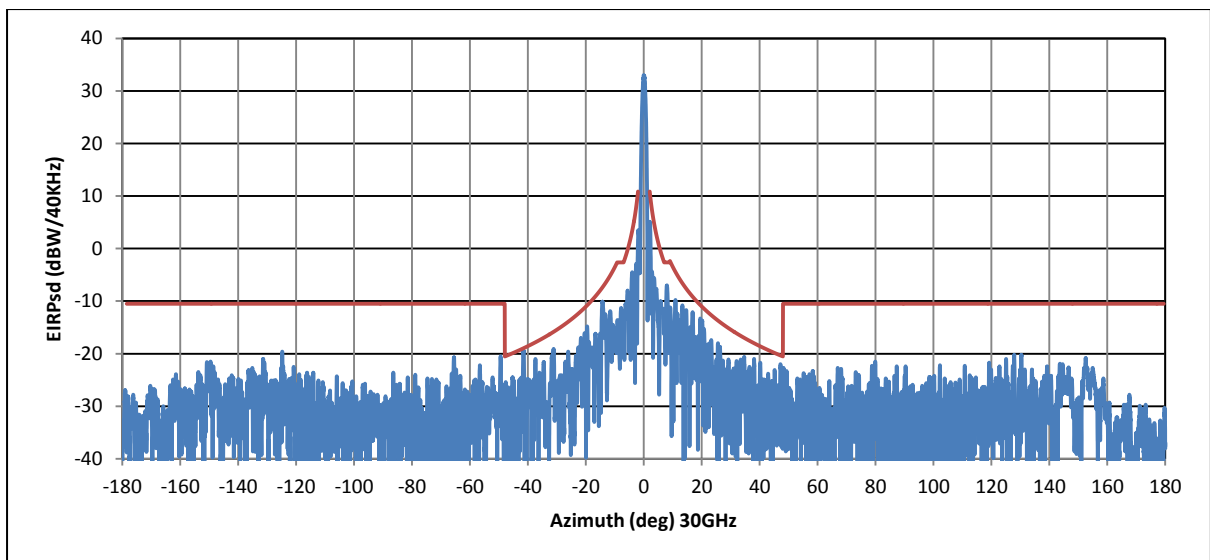


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

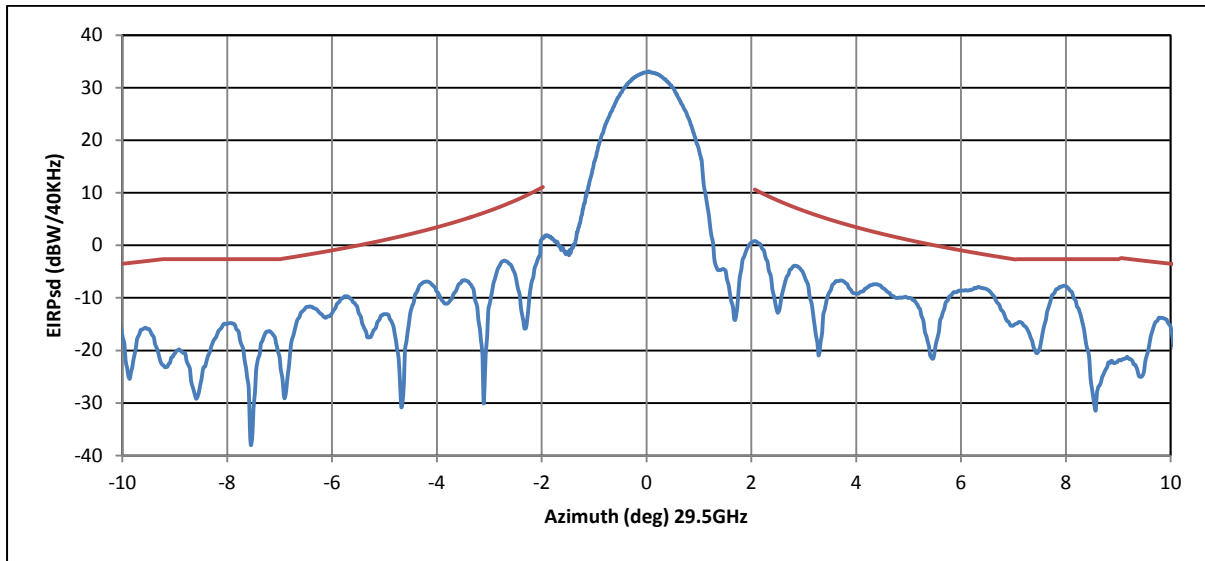


Figure 5 - Plot for 29.75 GHz

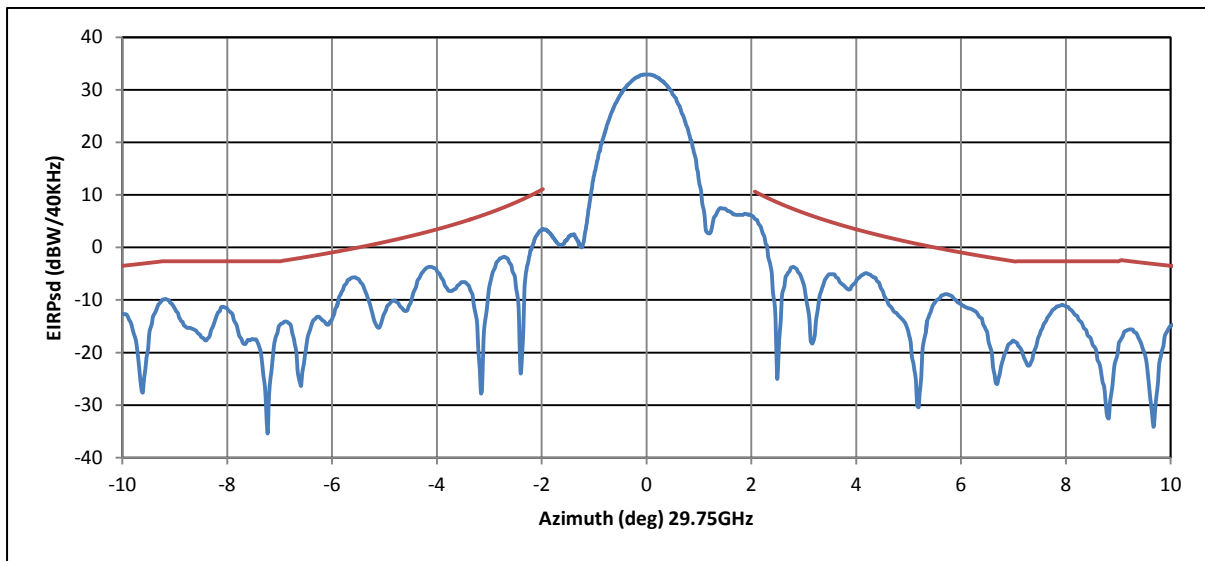
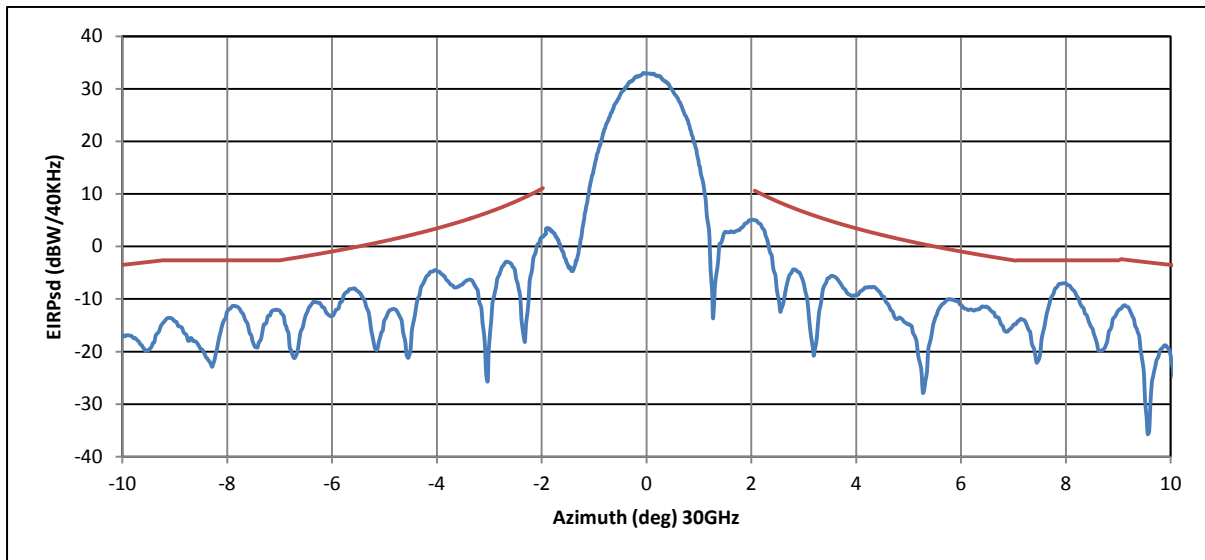


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

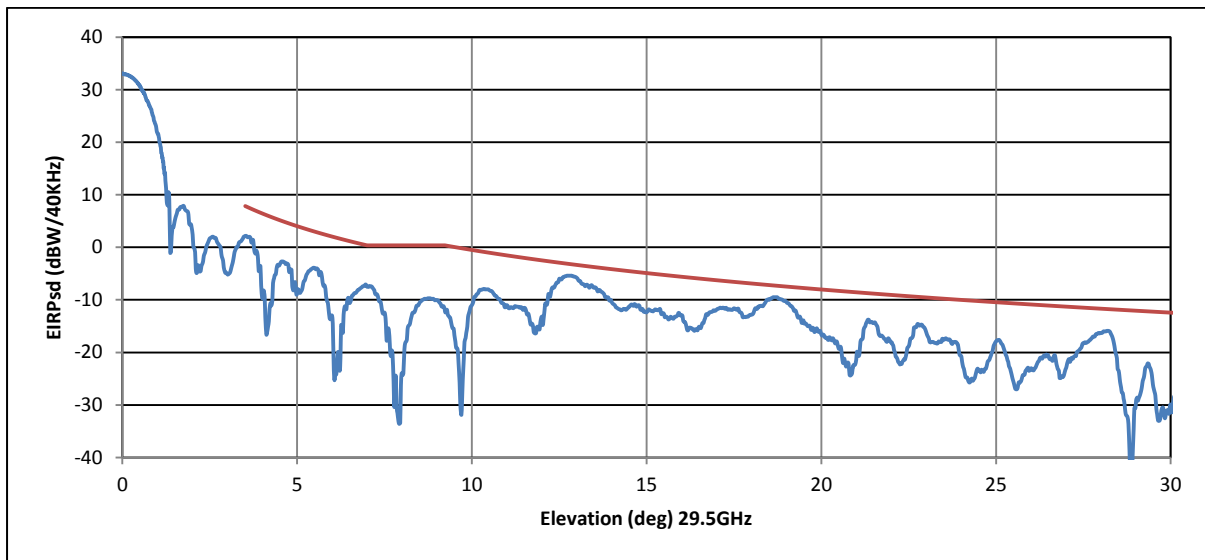


Figure 8 - Plot for 29.75 GHz

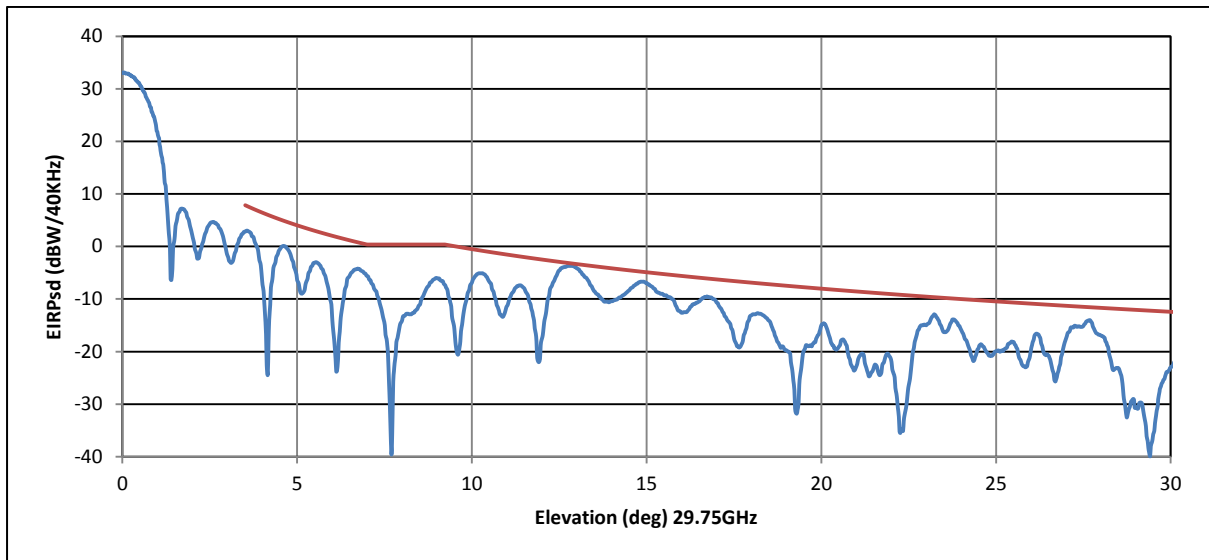
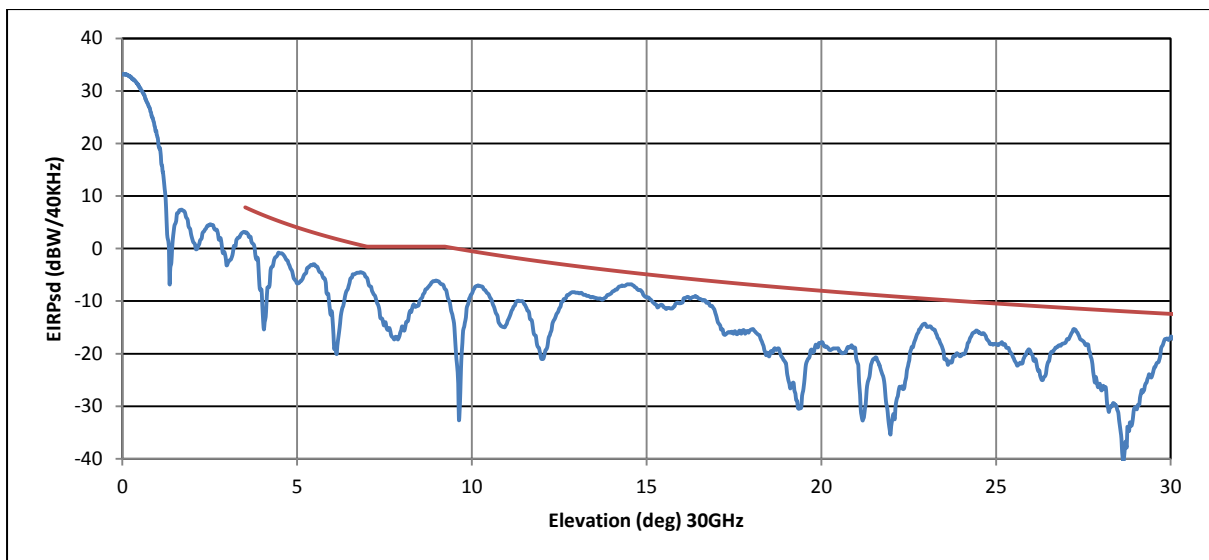


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

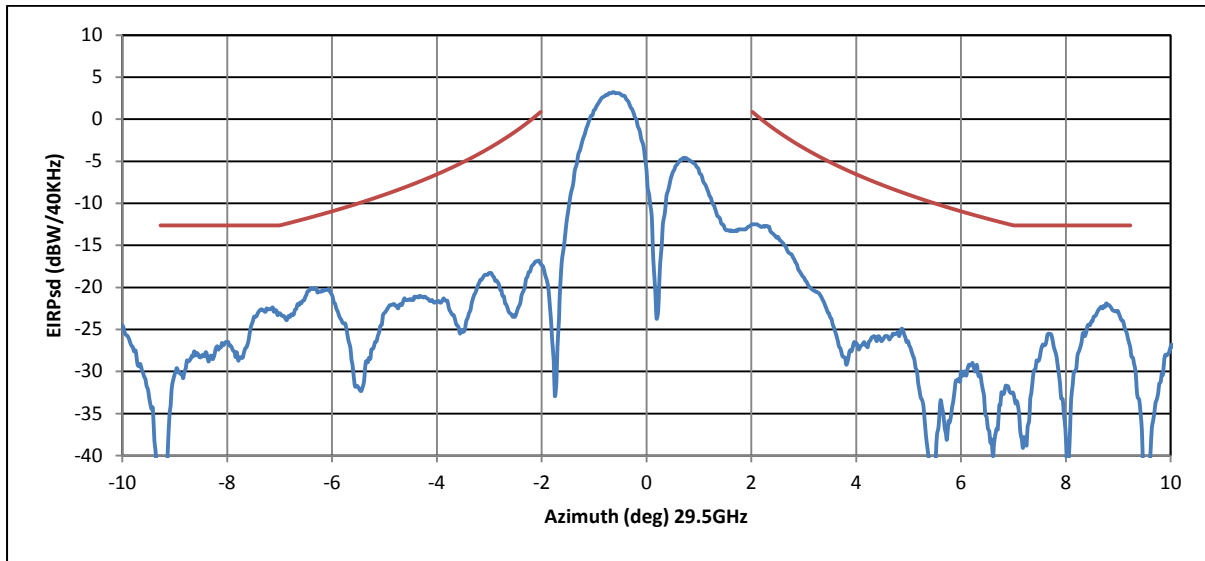


Figure 11 - Plot for 29.75 GHz

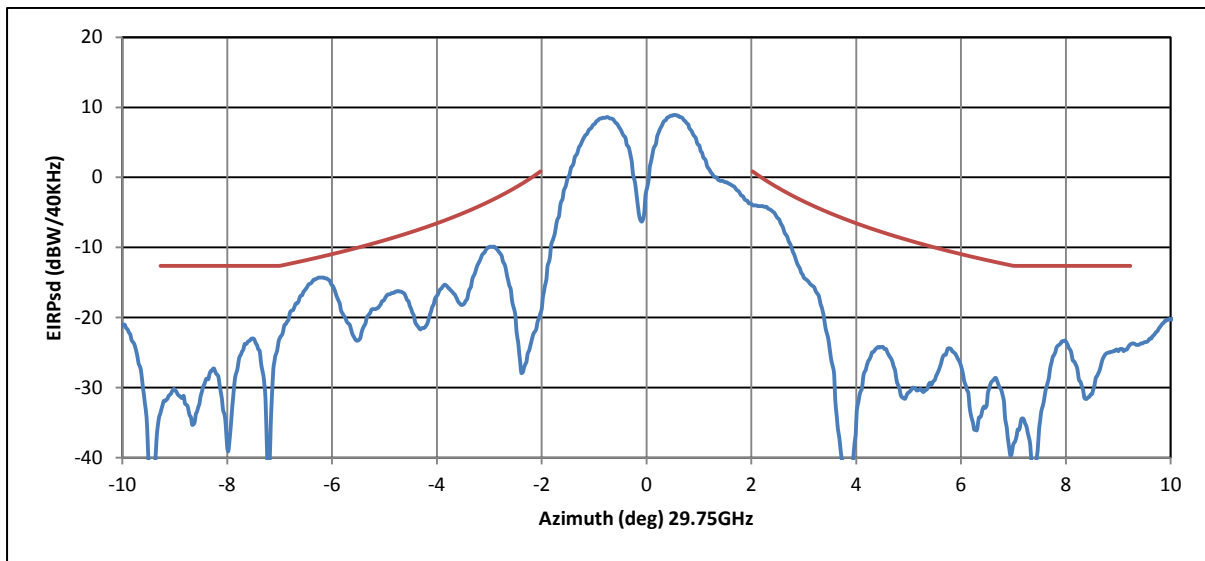
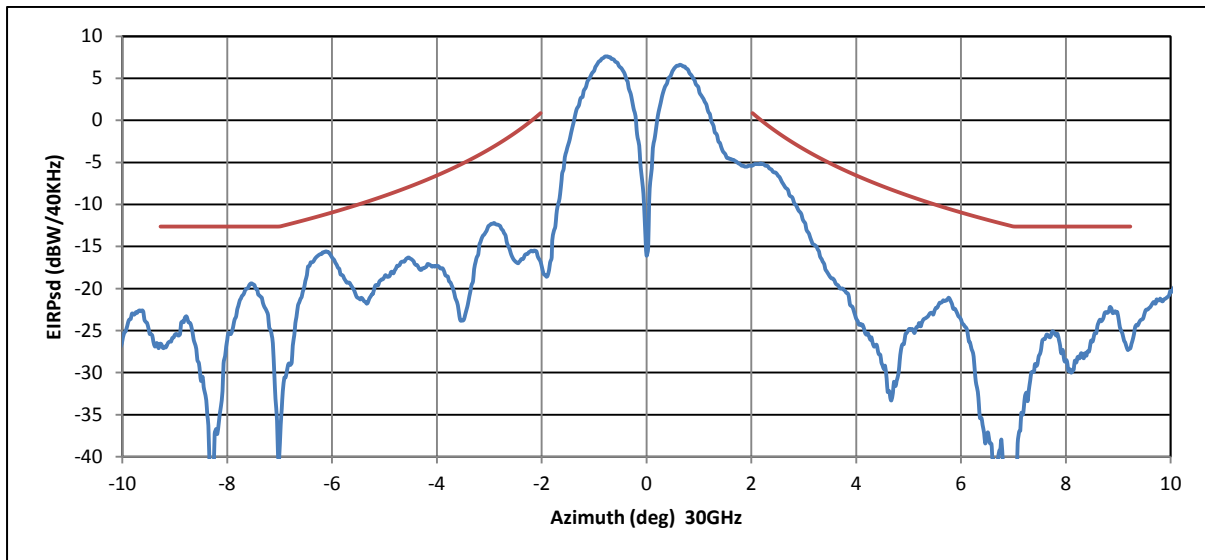


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

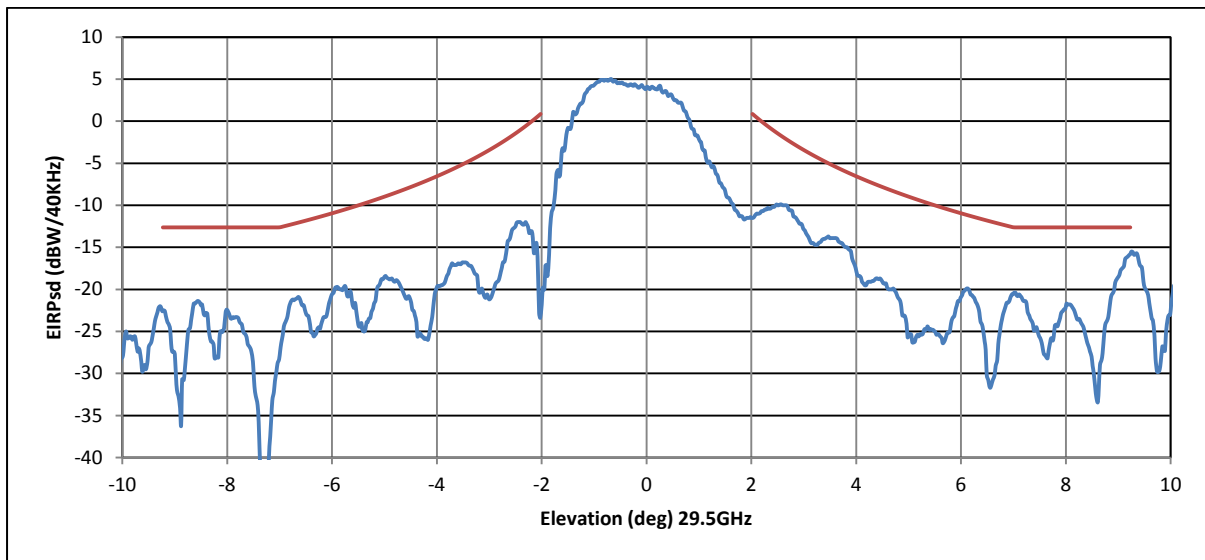


Figure 14 - Plot for 29.75 GHz

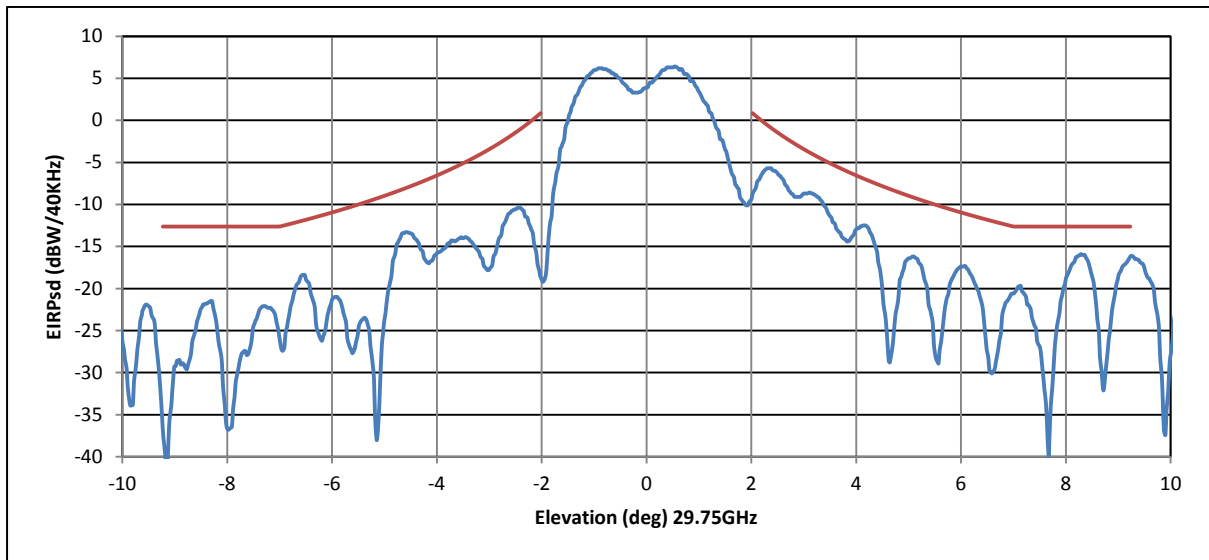
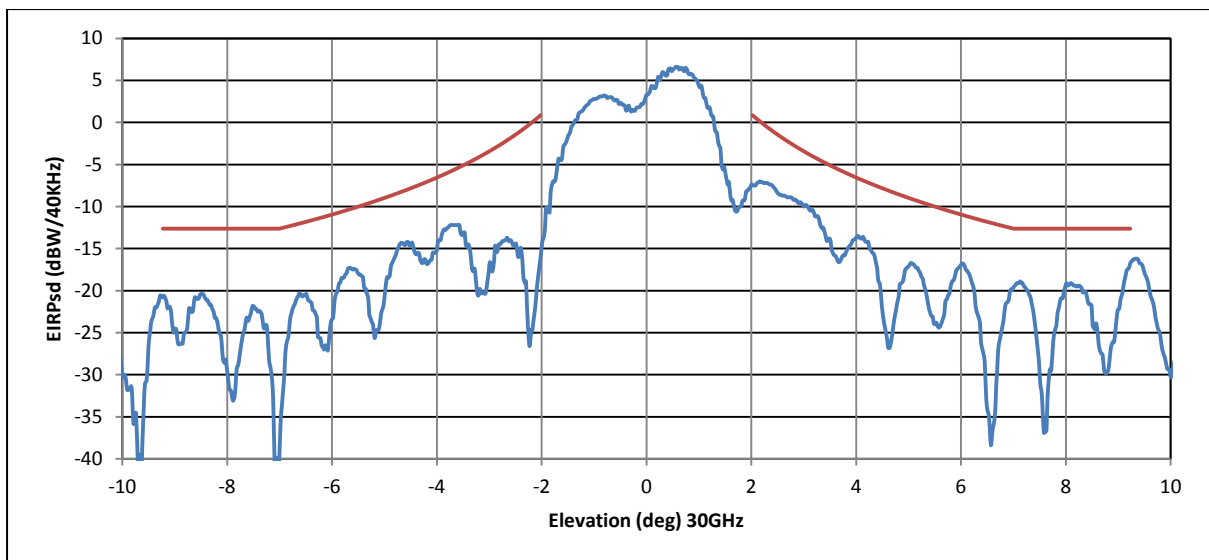


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

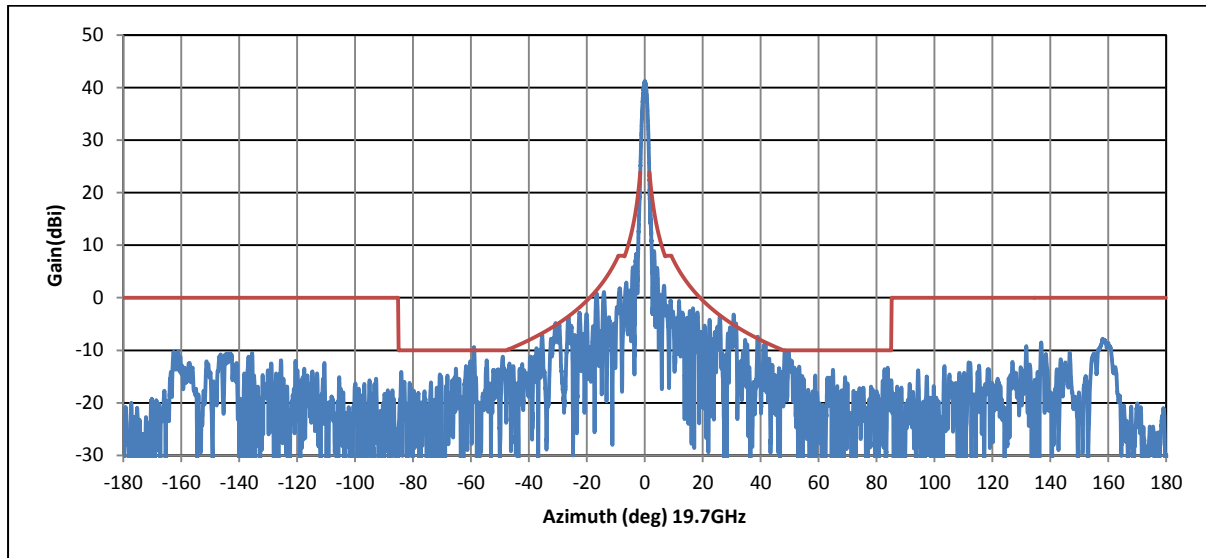


Figure 17 - Plot for 19.95 GHz

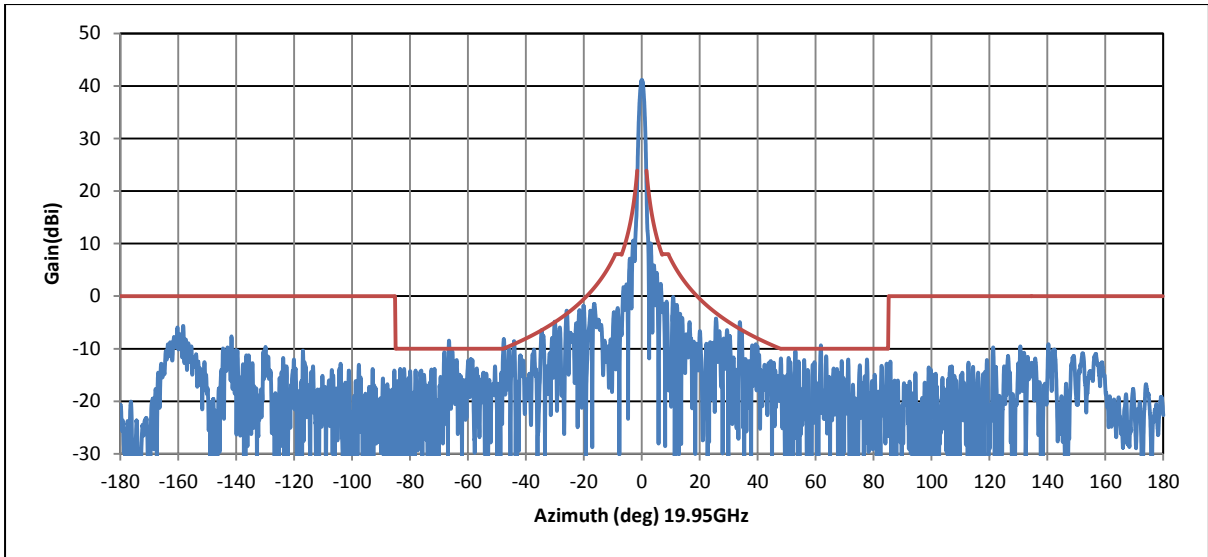
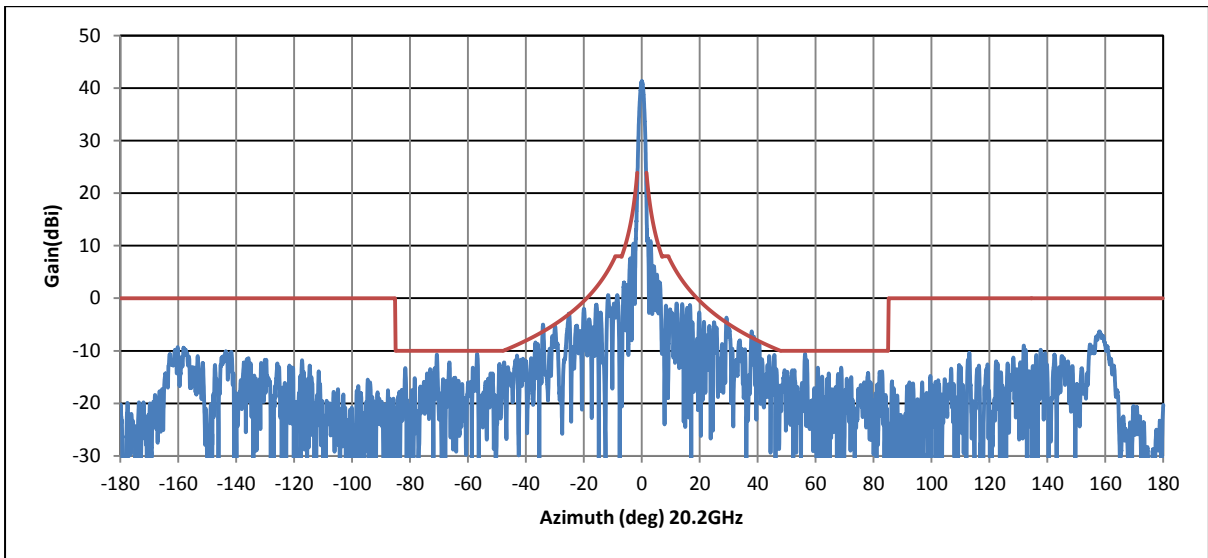


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

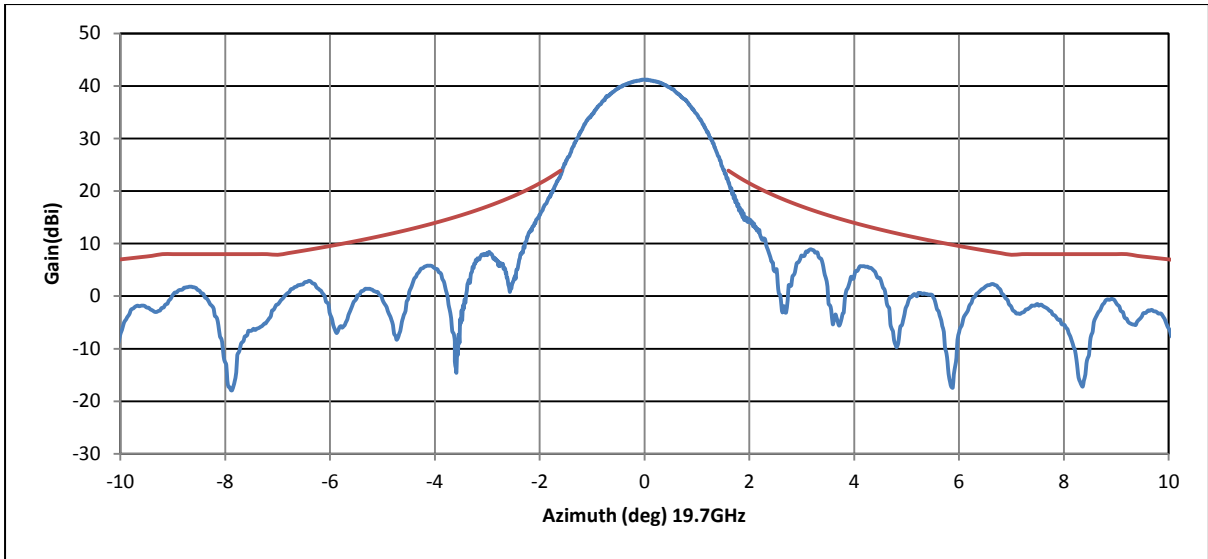


Figure 20 - Plot for 19.95 GHz

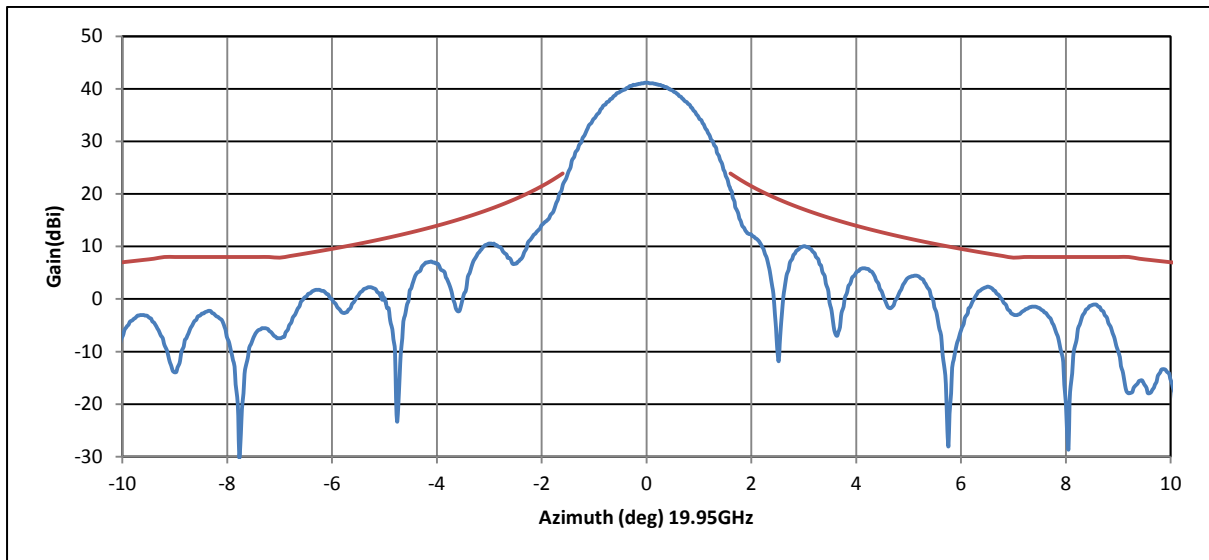
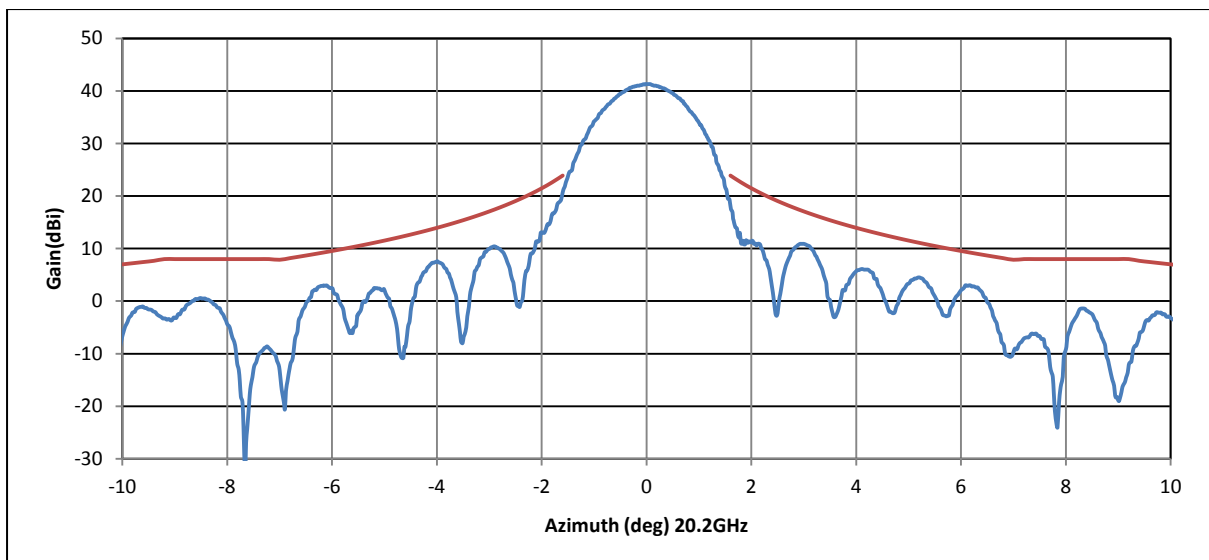


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

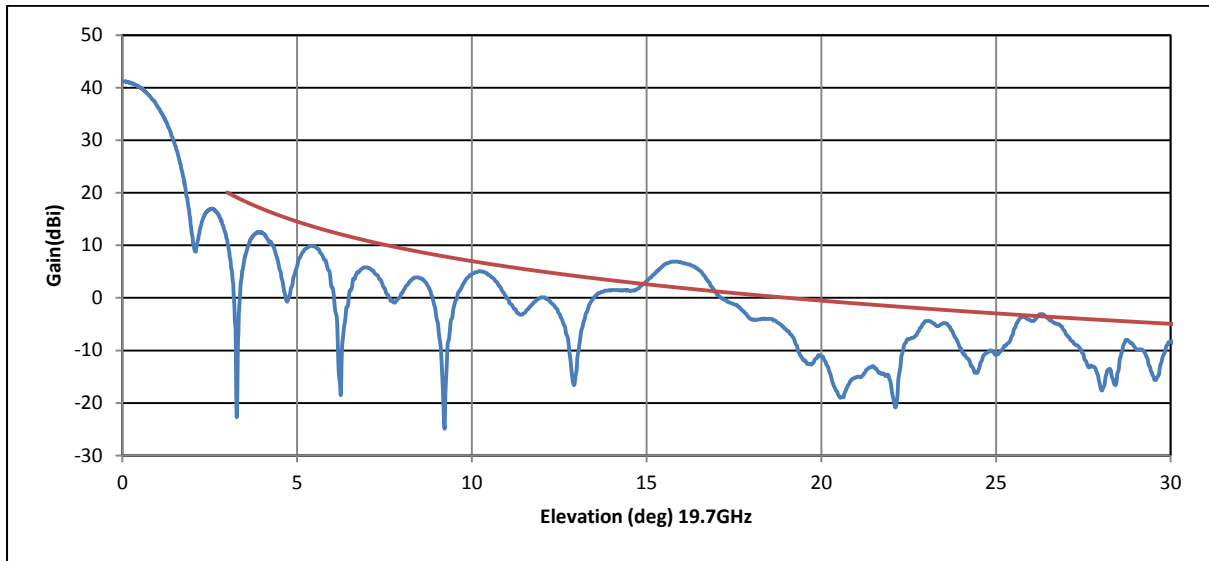


Figure 23 - Plot for 19.95 GHz

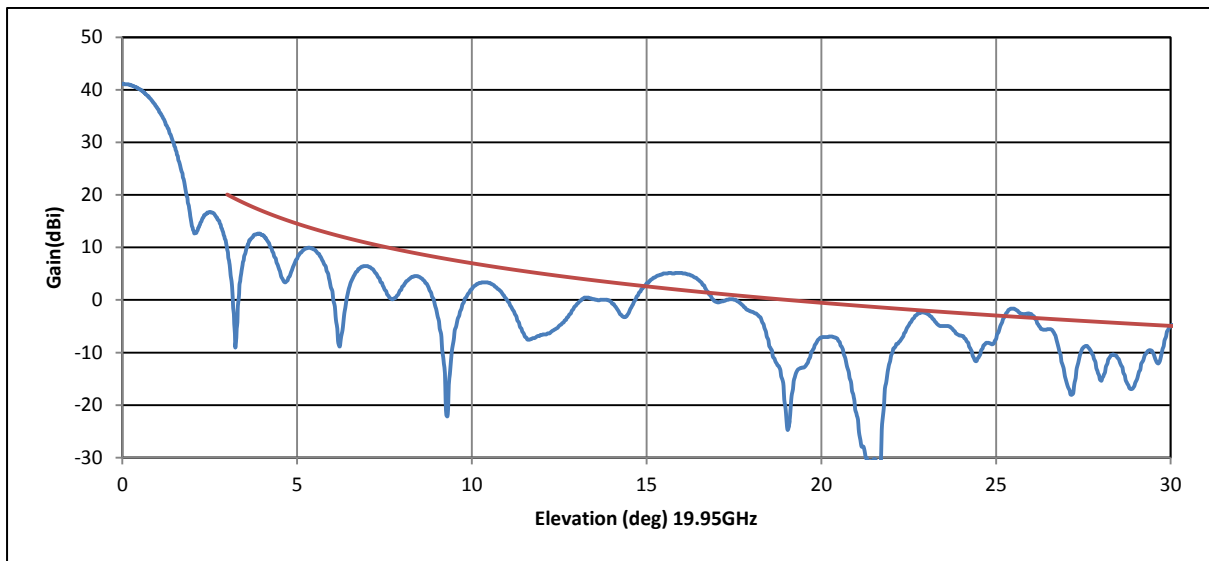
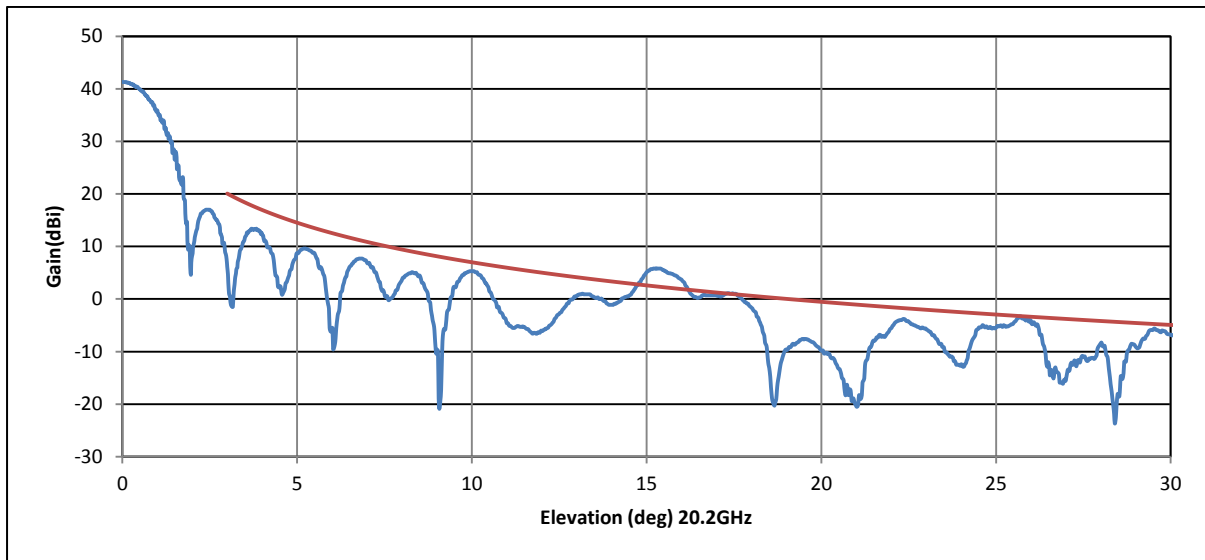


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

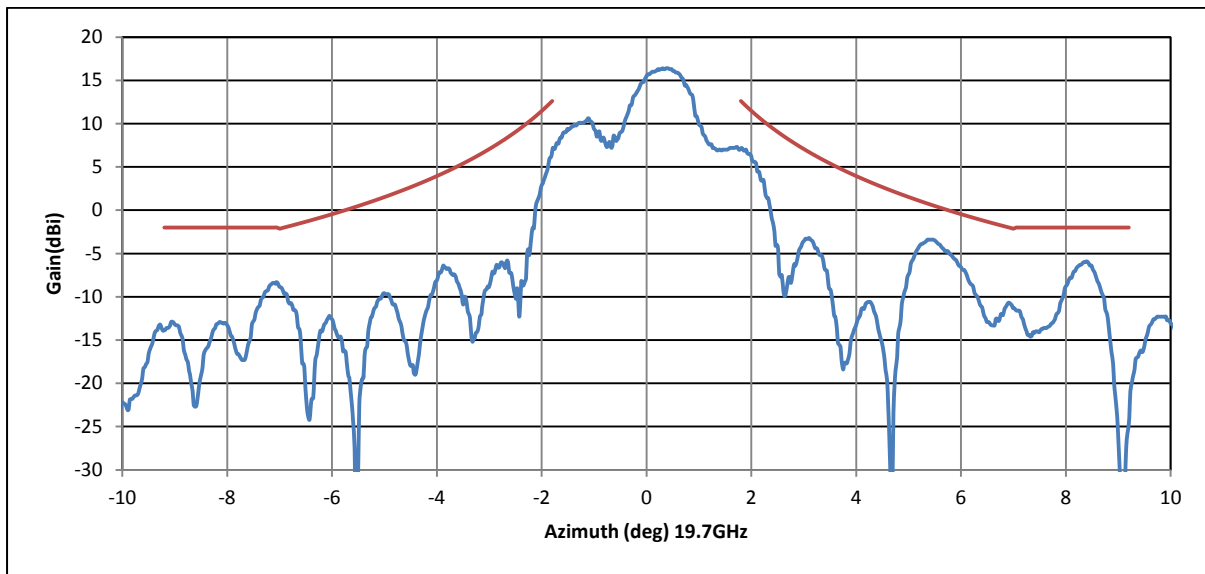


Figure 26 - Plot for 19.95 GHz

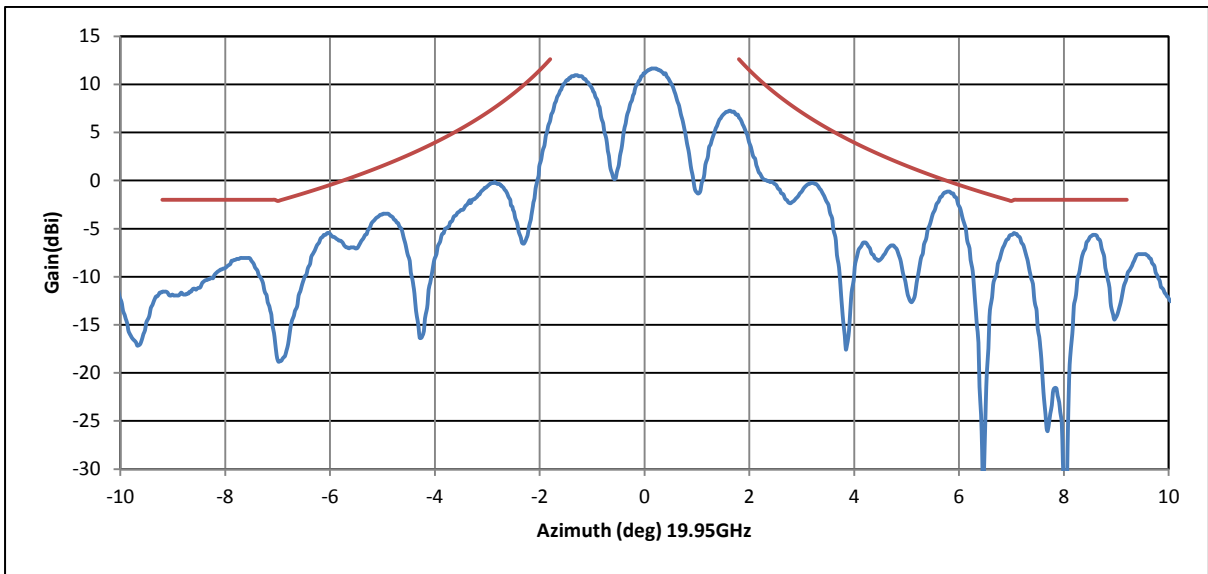
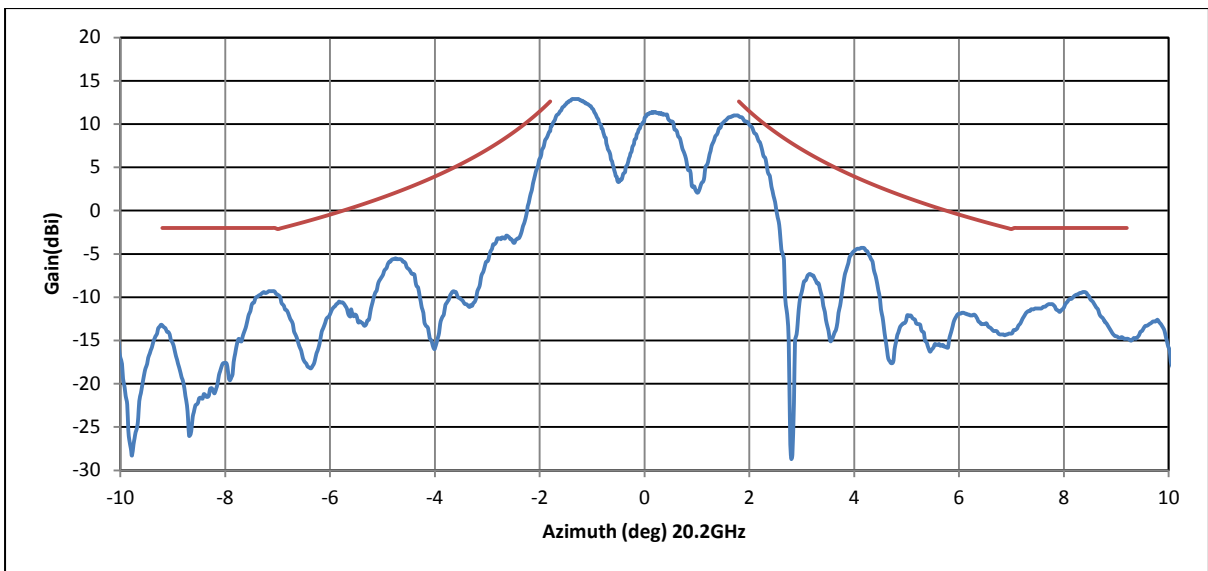


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

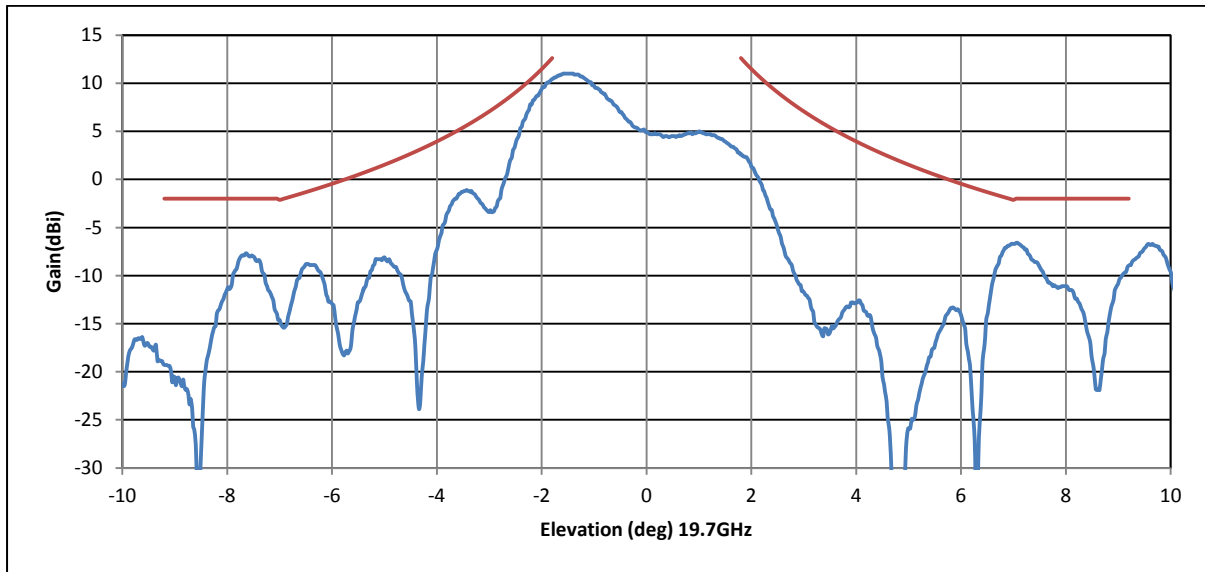


Figure 29 - Plot for 19.95 GHz

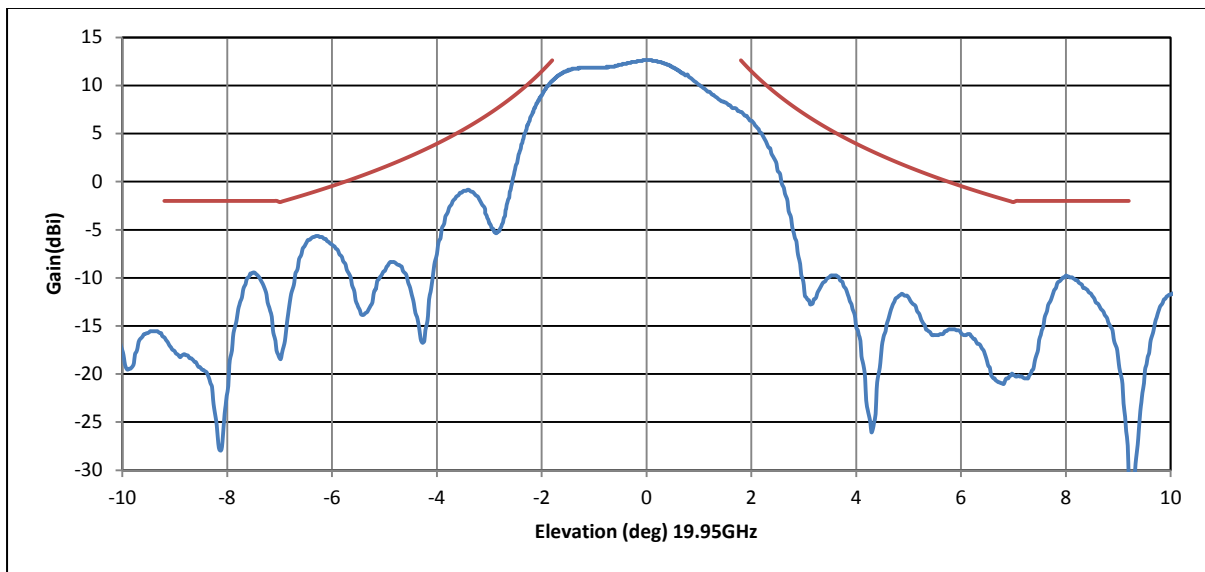


Figure 30 - Plot for 20.2 GHz

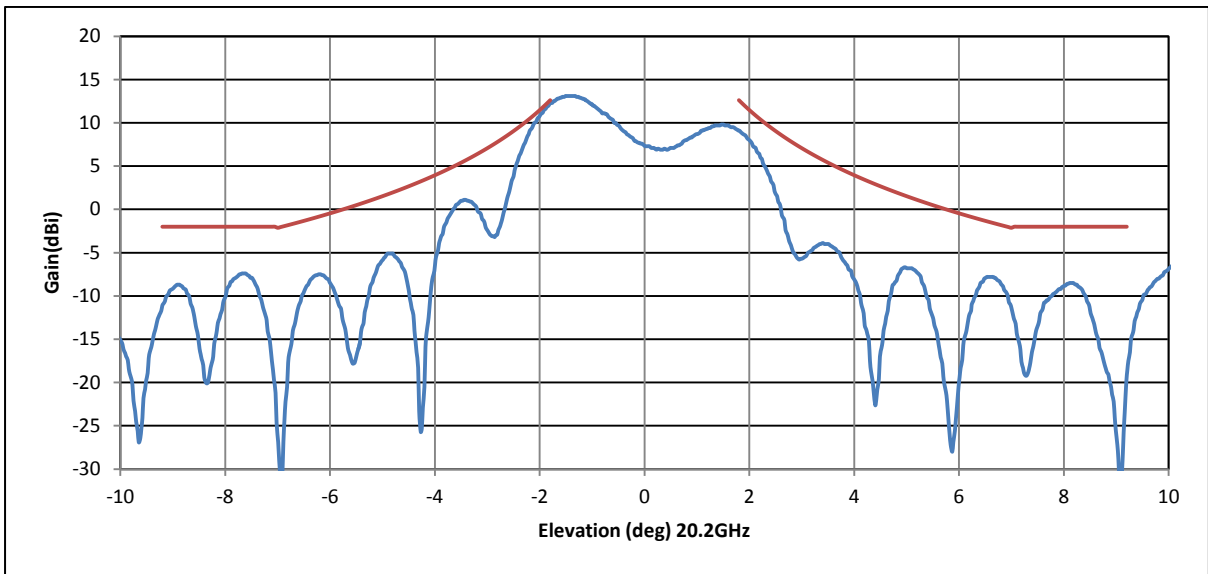


EXHIBIT B-6

Plots for Skyware terminal models 65cm Atom65/Atom65AA

The following attachment contains all the plots requested for showing the compliance of the SWT Atom 65GX/01 and Atom 65AAGX/01 terminals with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

6. Plots for terminal type 65cm Atom65/Atom65AA

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

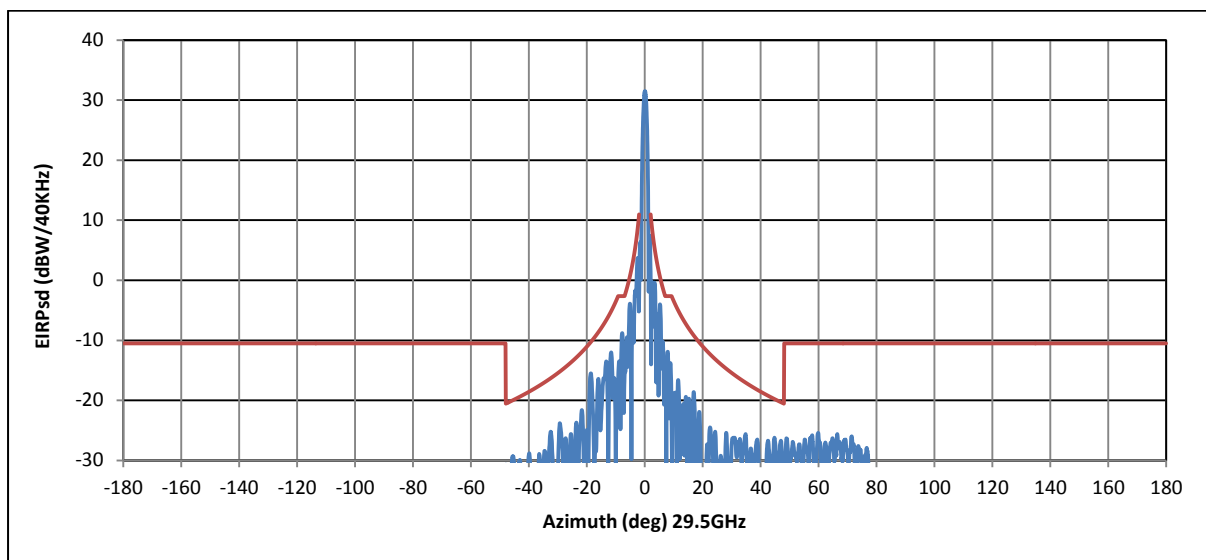


Figure 2 - Plot for 29.75 GHz

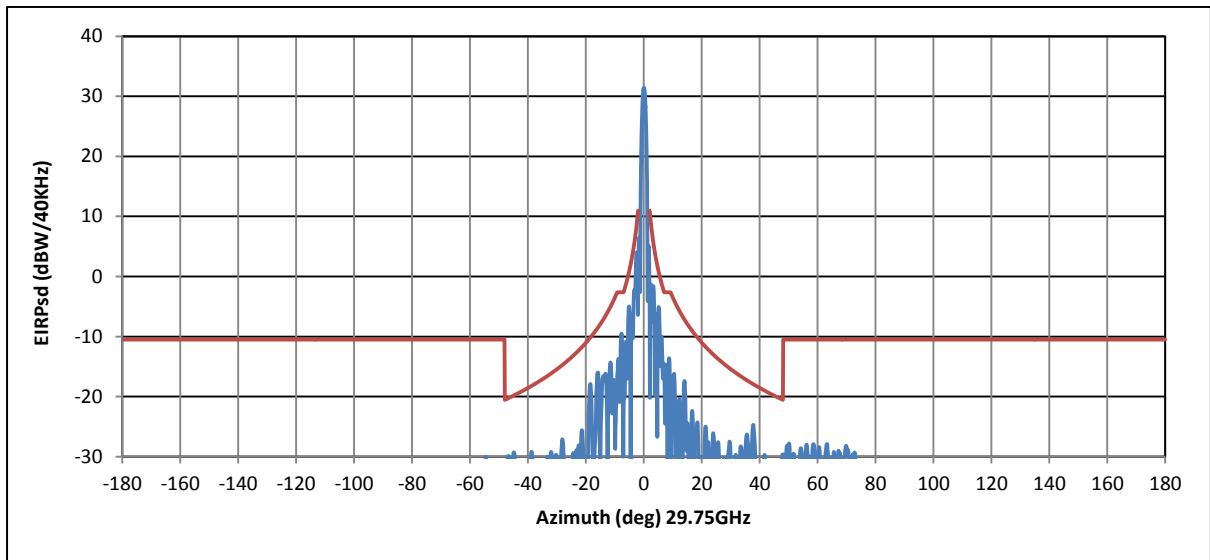
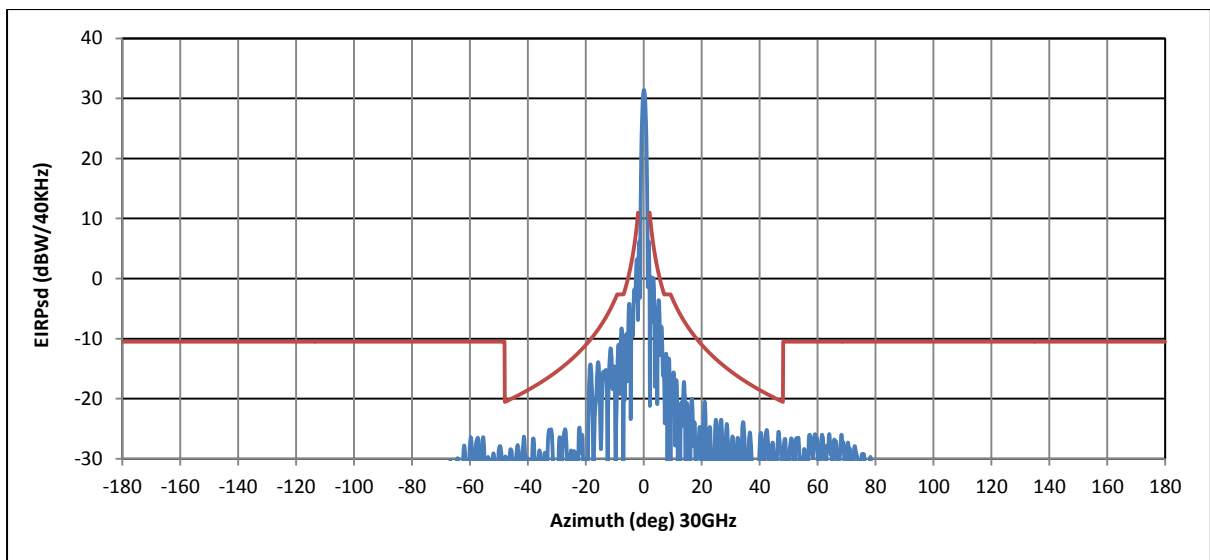


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

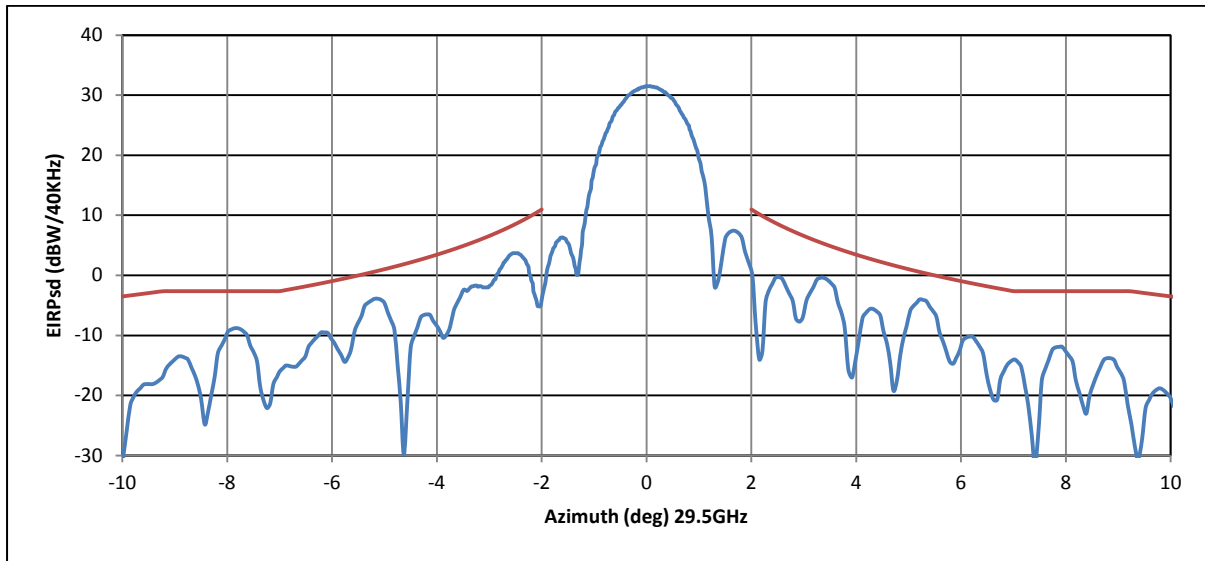


Figure 5 - Plot for 29.75 GHz

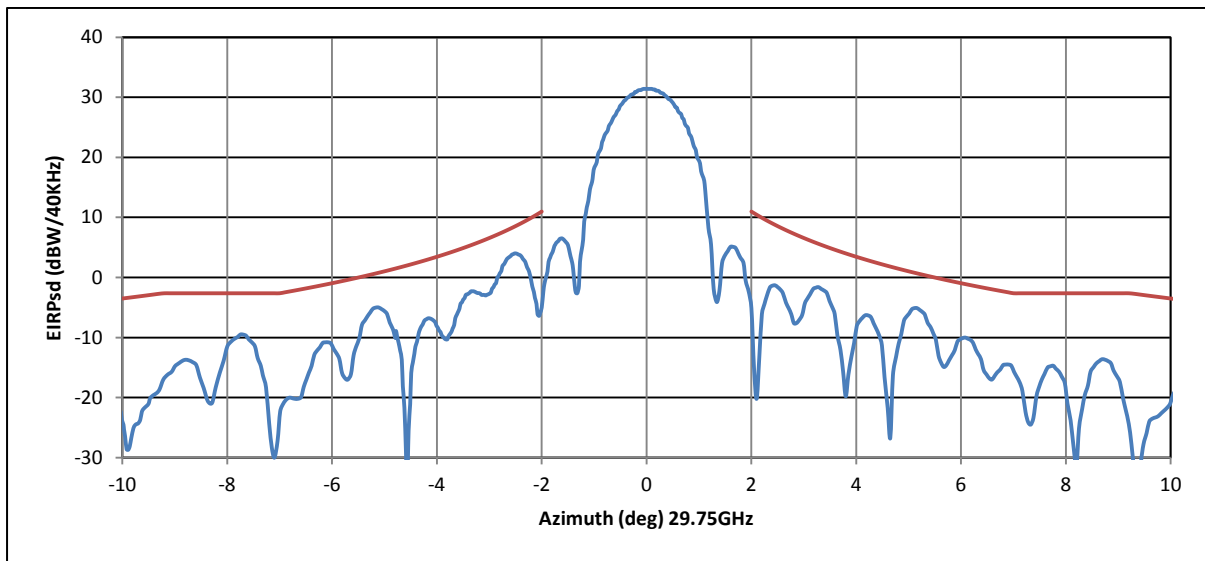
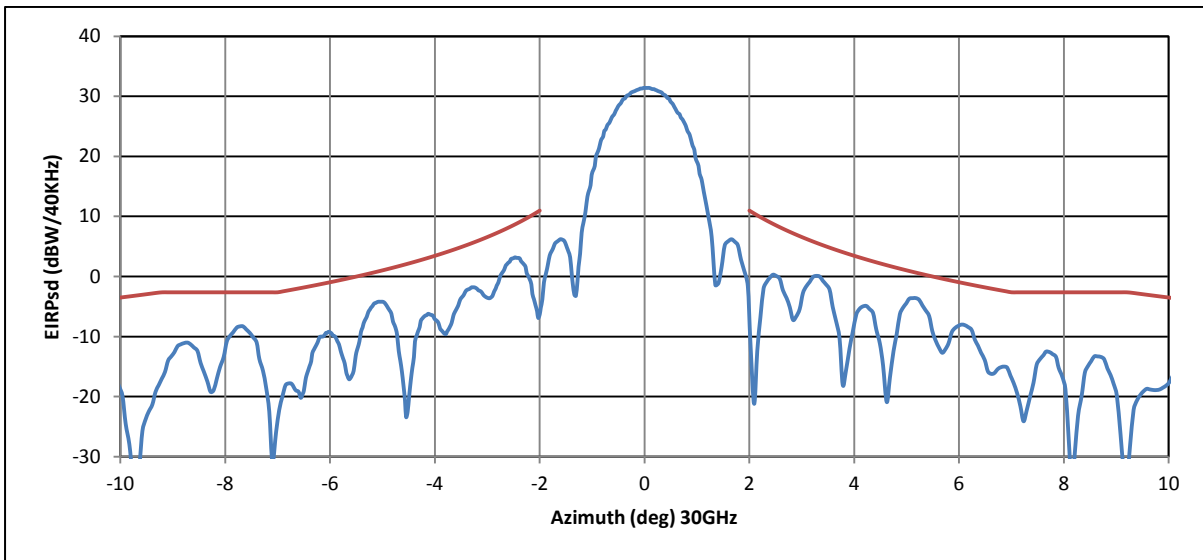


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

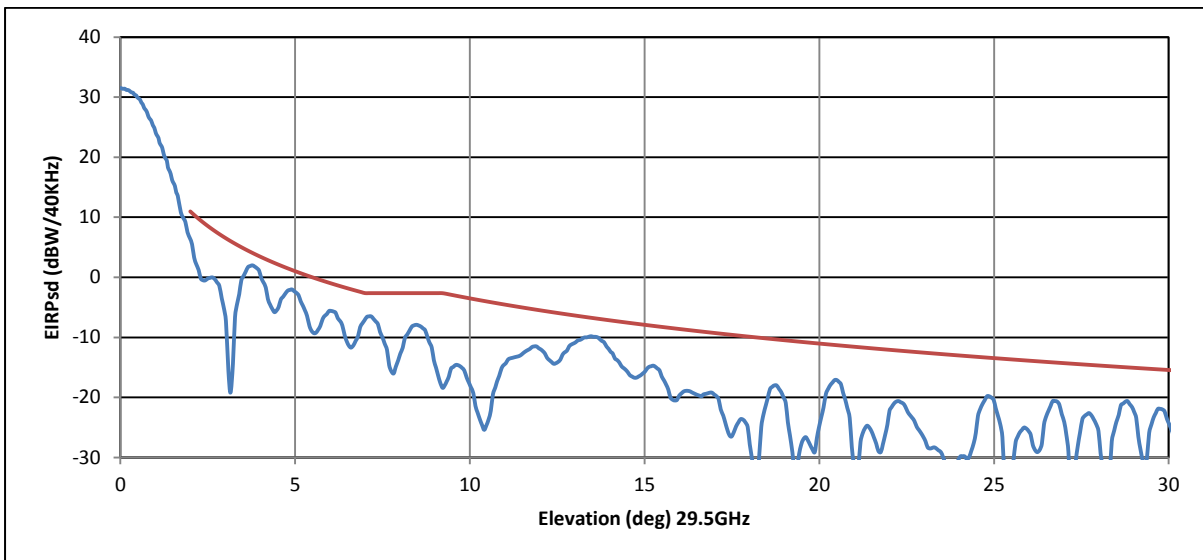


Figure 8 - Plot for 29.75 GHz

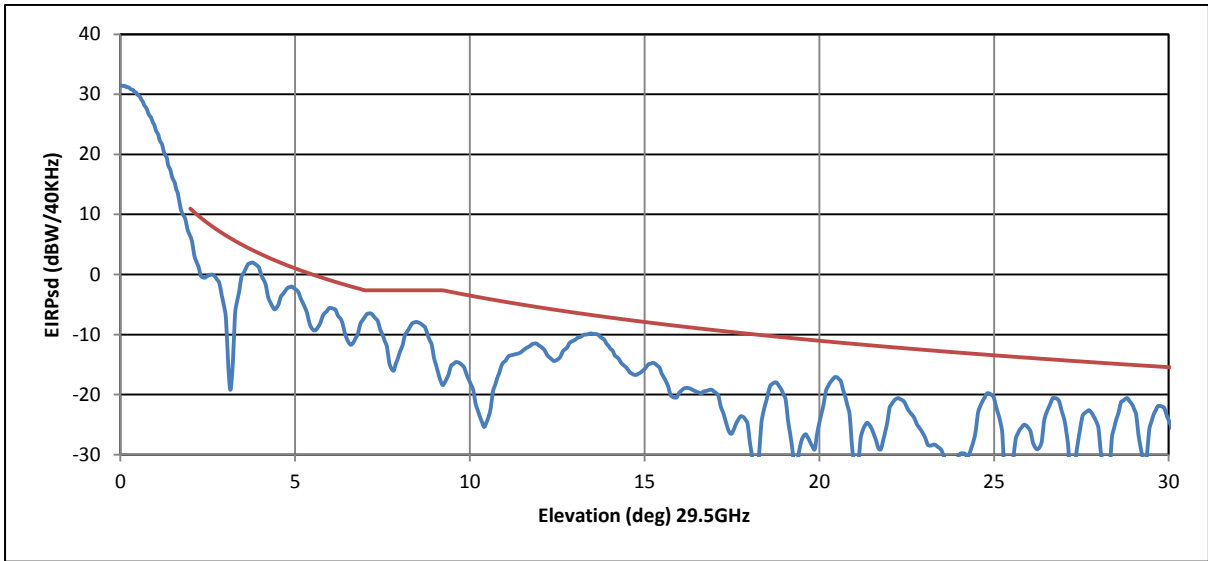
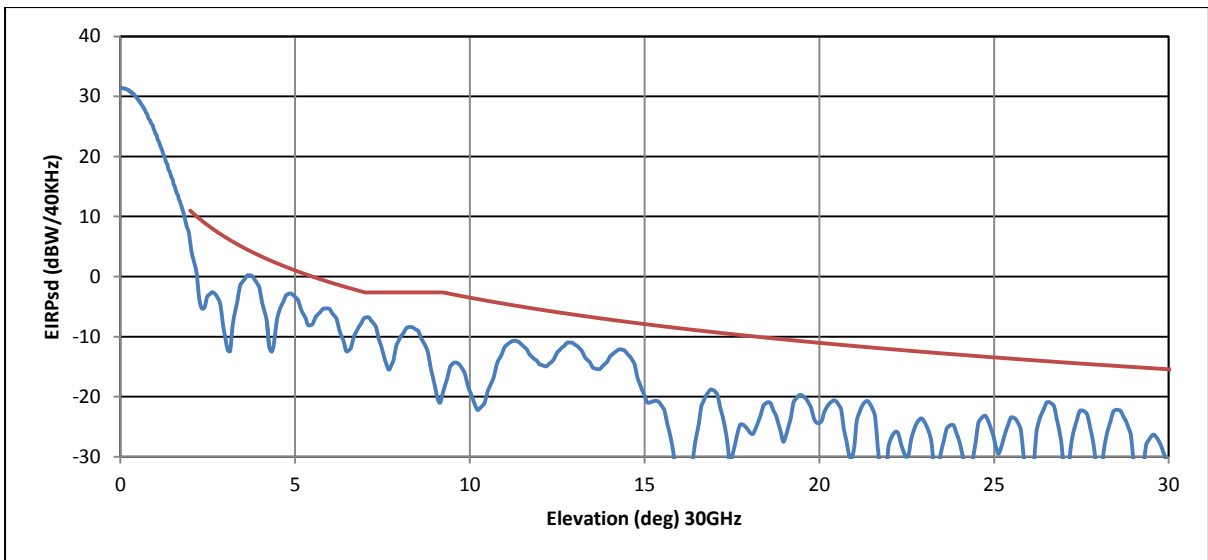


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

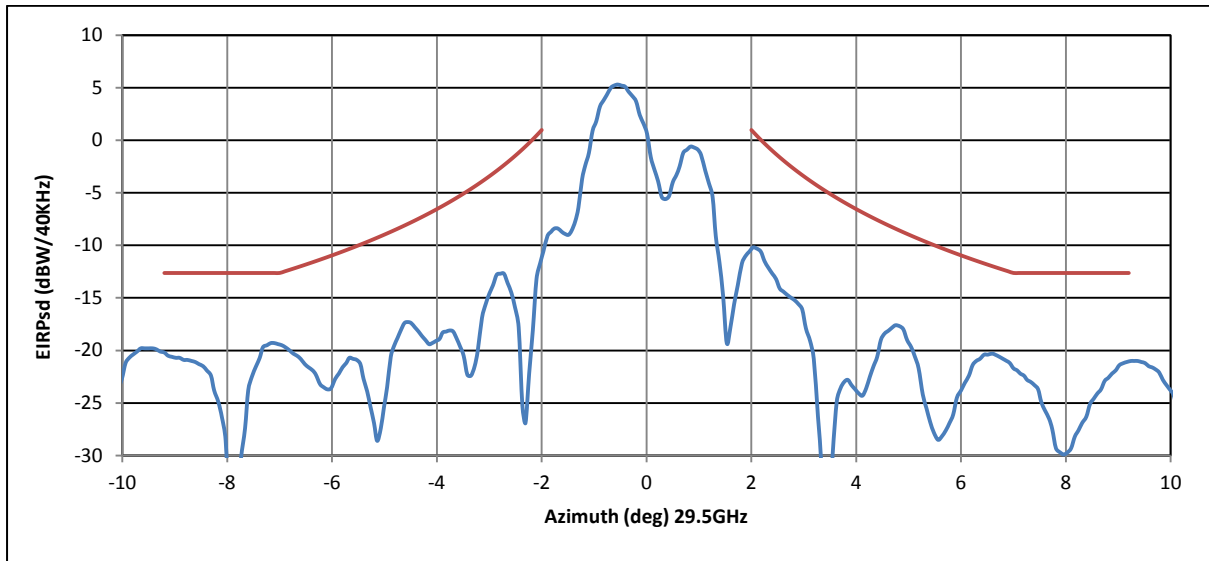


Figure 11 - Plot for 29.75 GHz

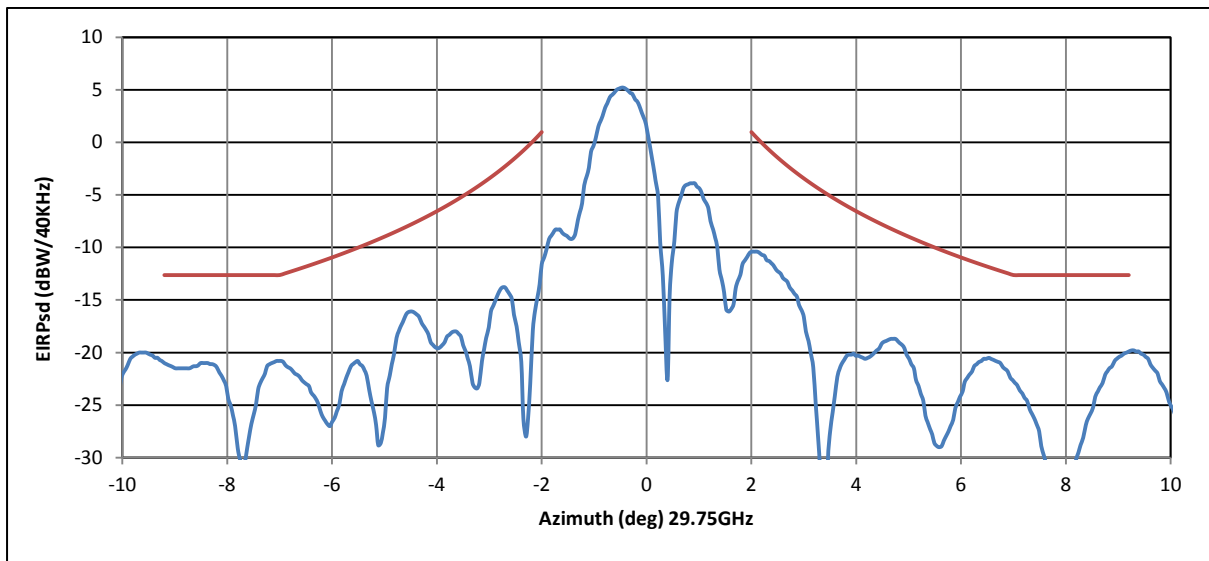
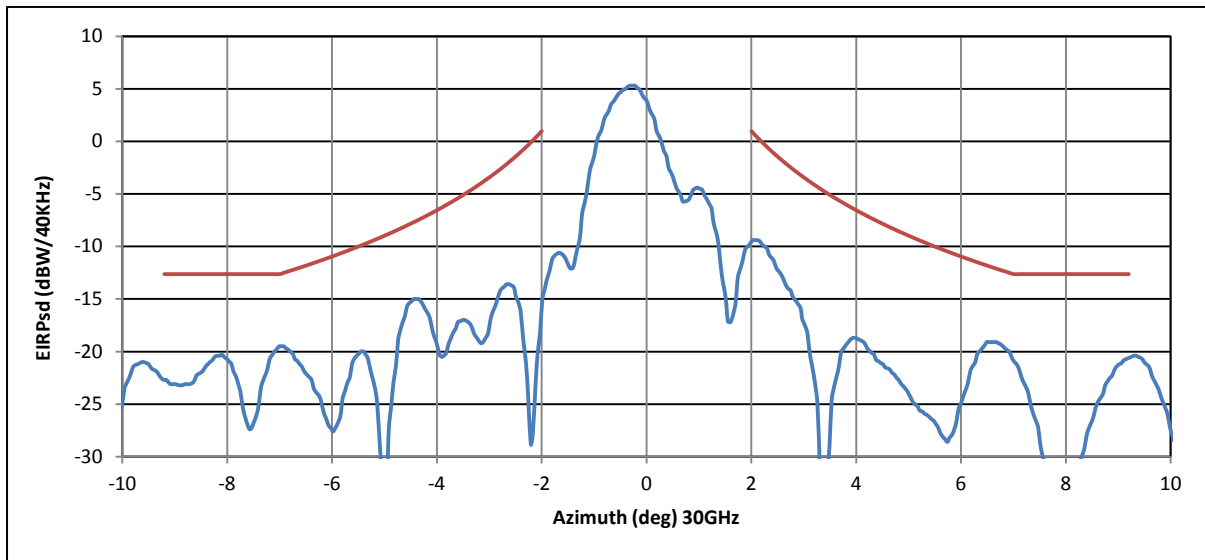


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

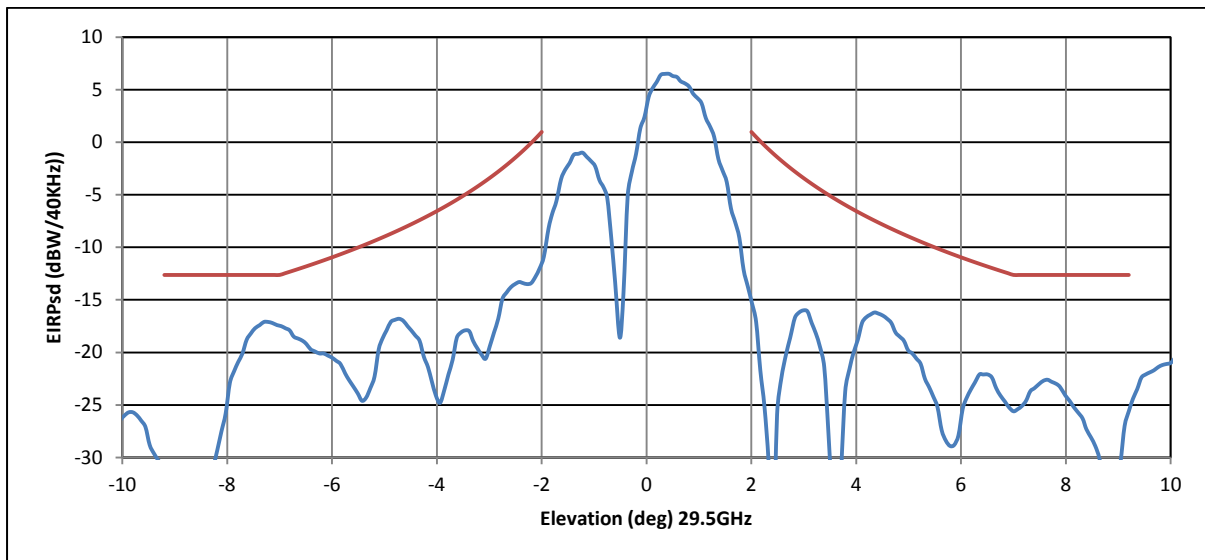


Figure 14 - Plot for 29.75 GHz

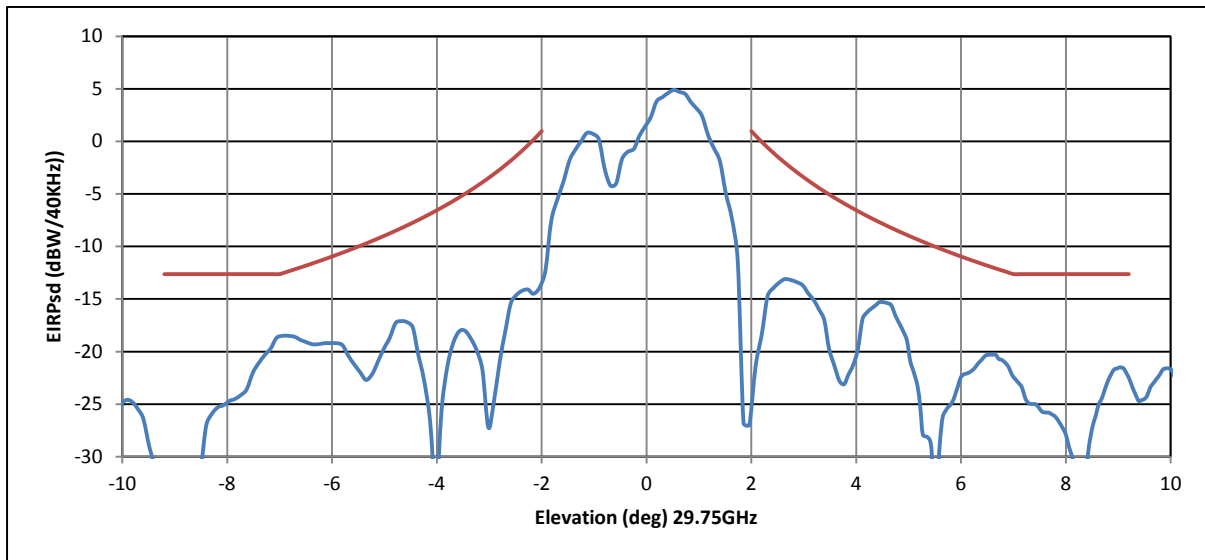
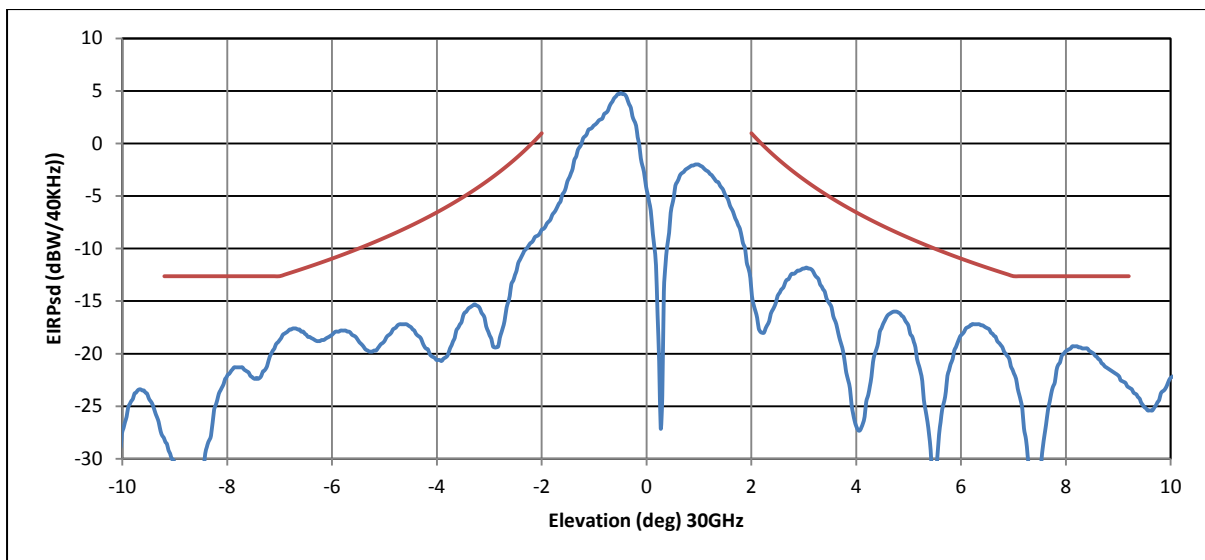


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

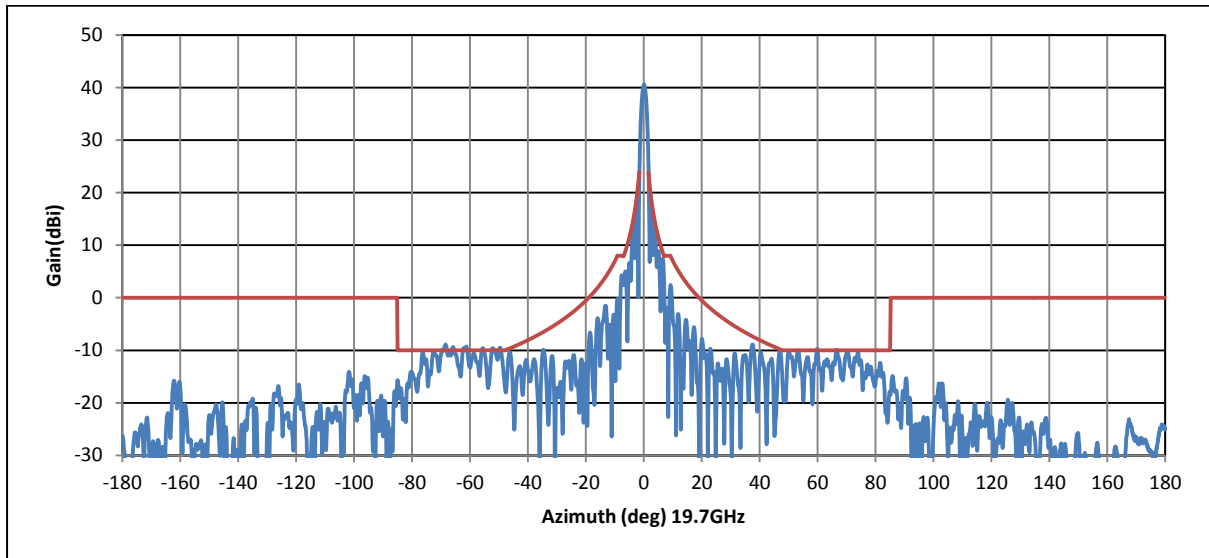


Figure 17 - Plot for 19.95 GHz

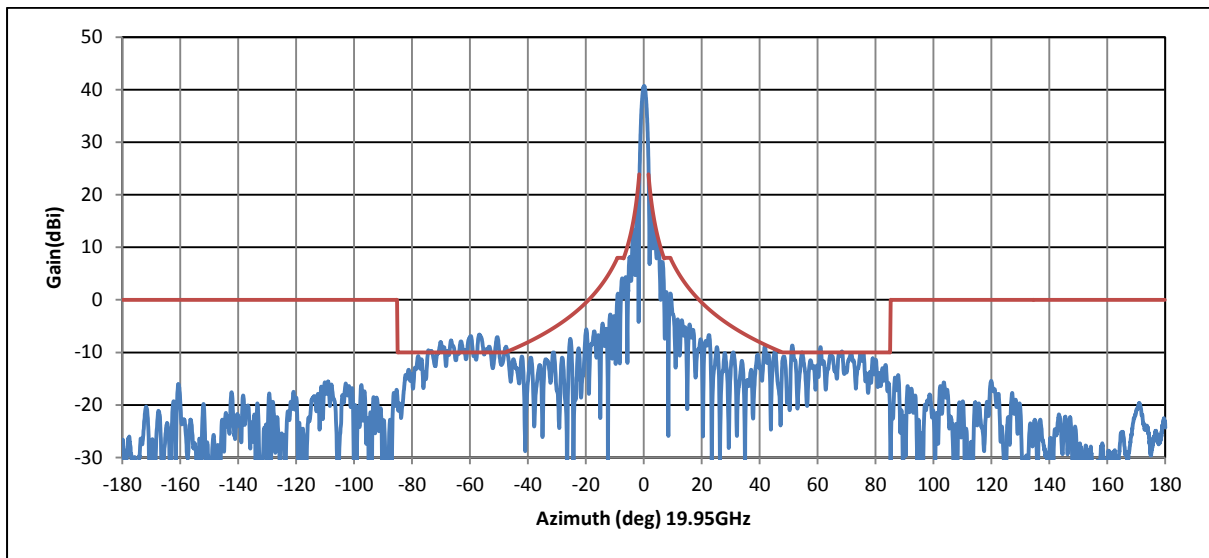
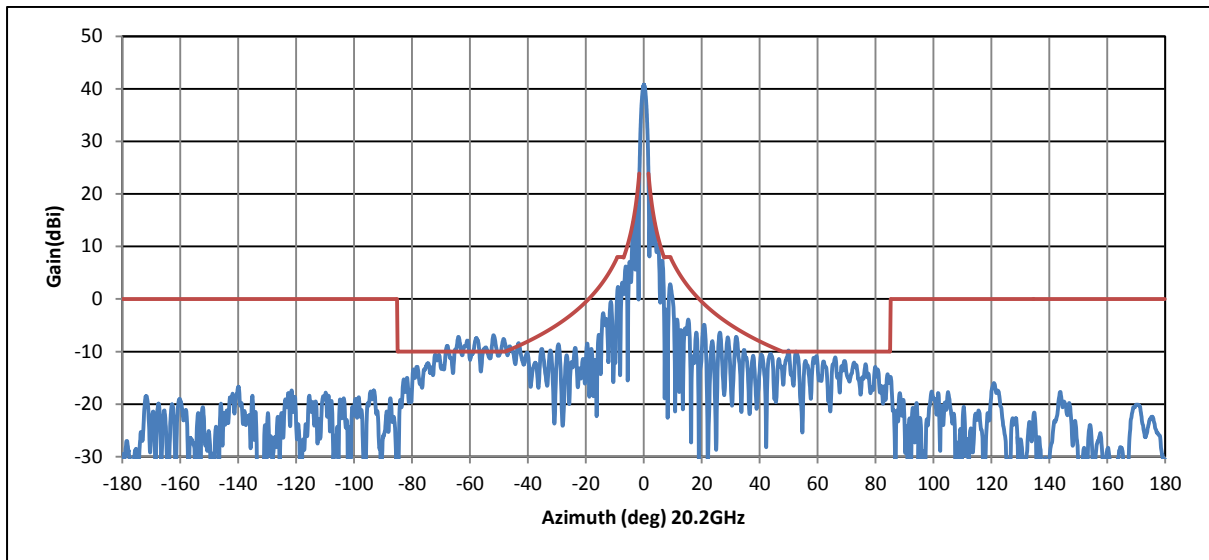


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

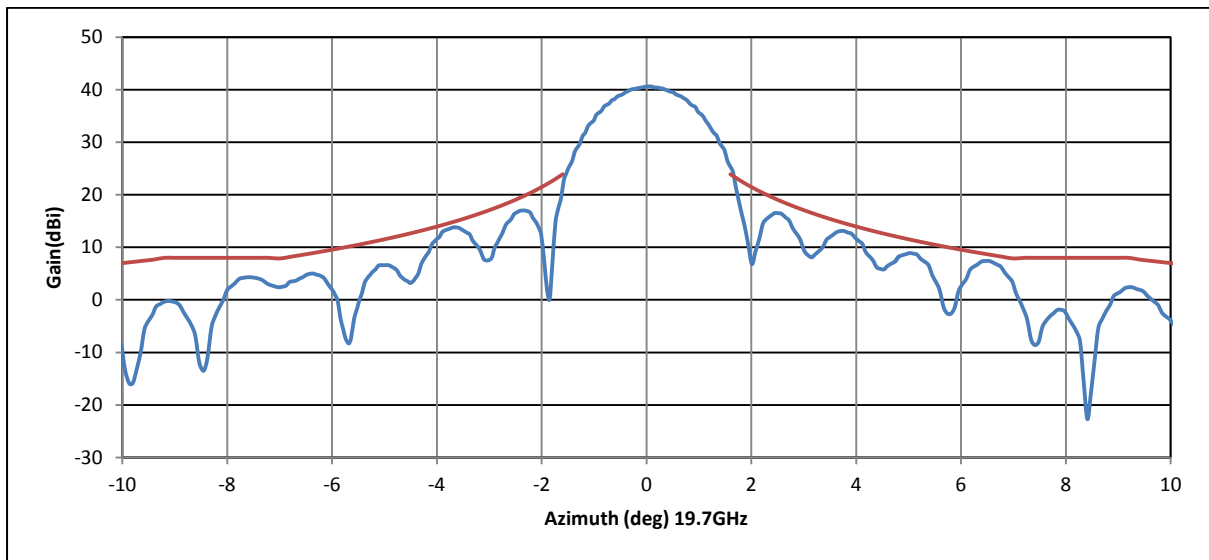


Figure 20 - Plot for 19.95 GHz

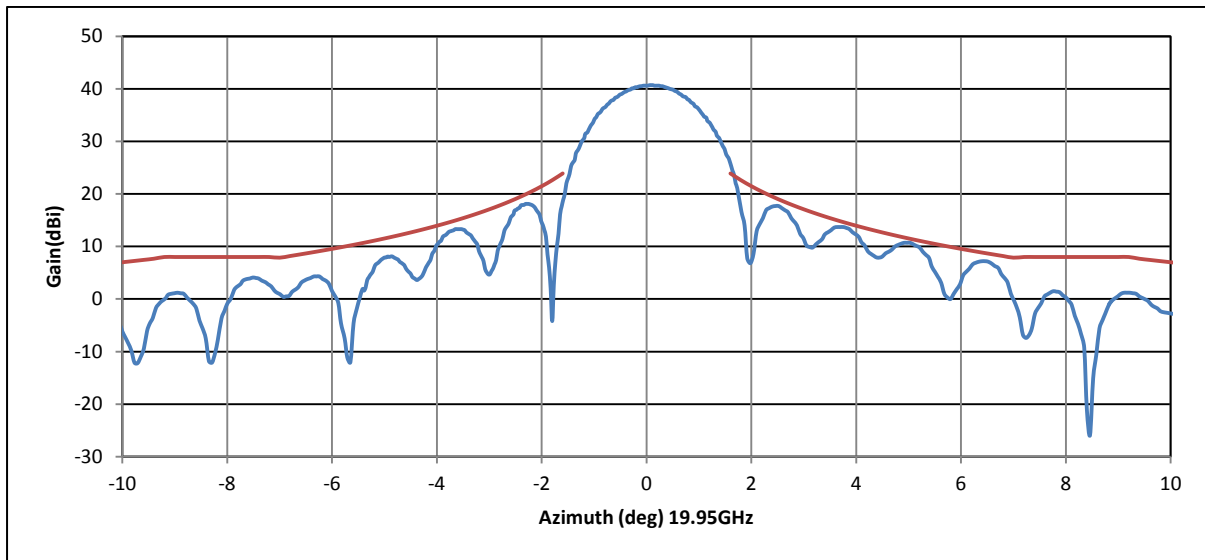
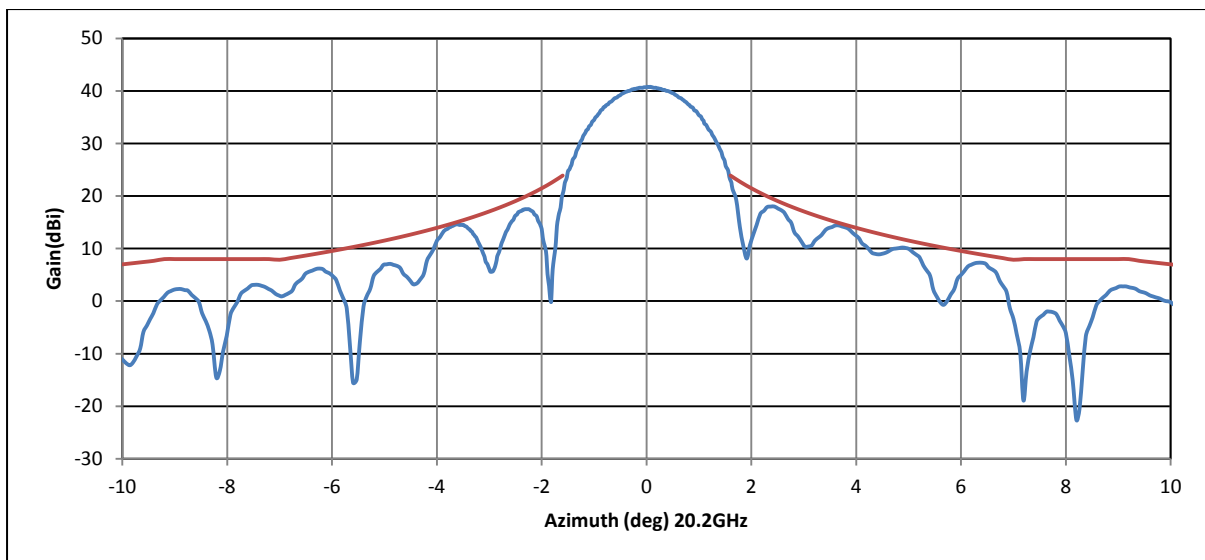


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

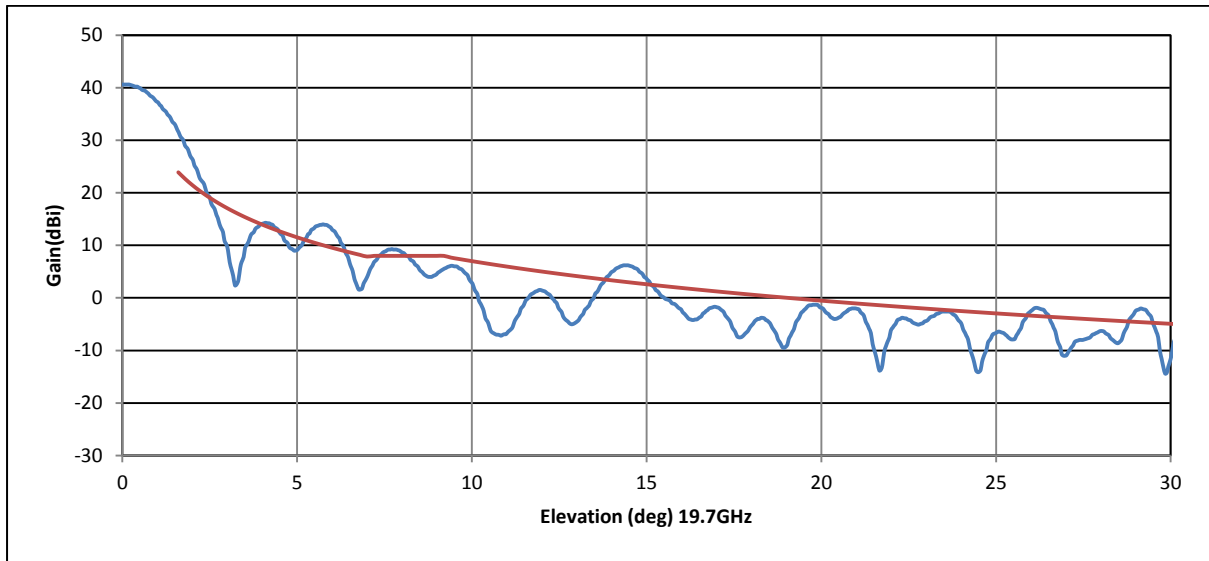


Figure 23 - Plot for 19.95 GHz

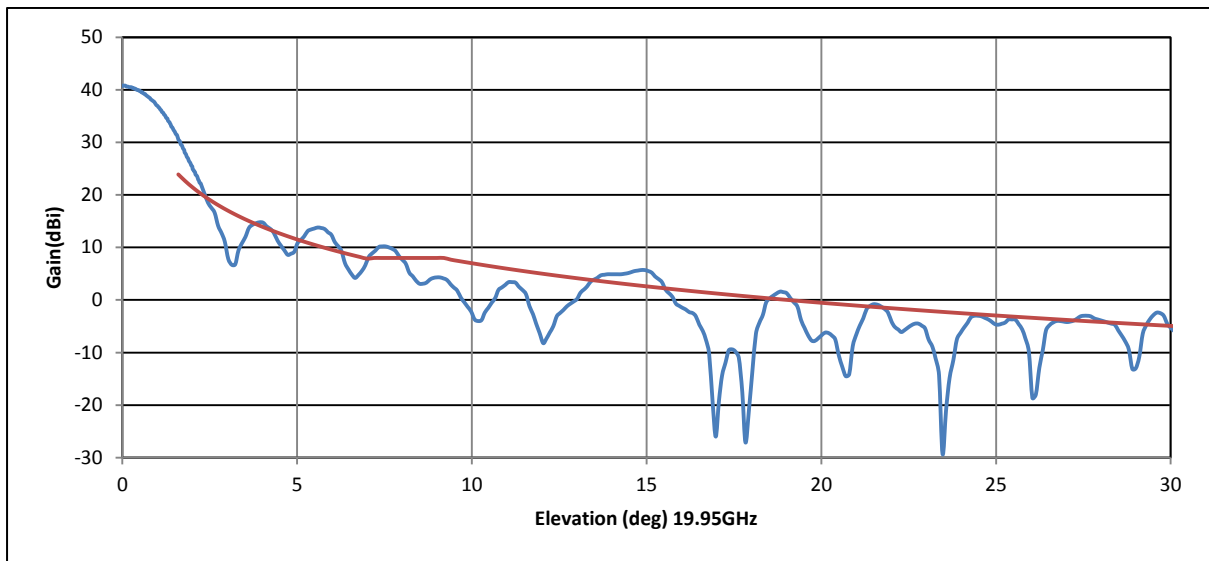
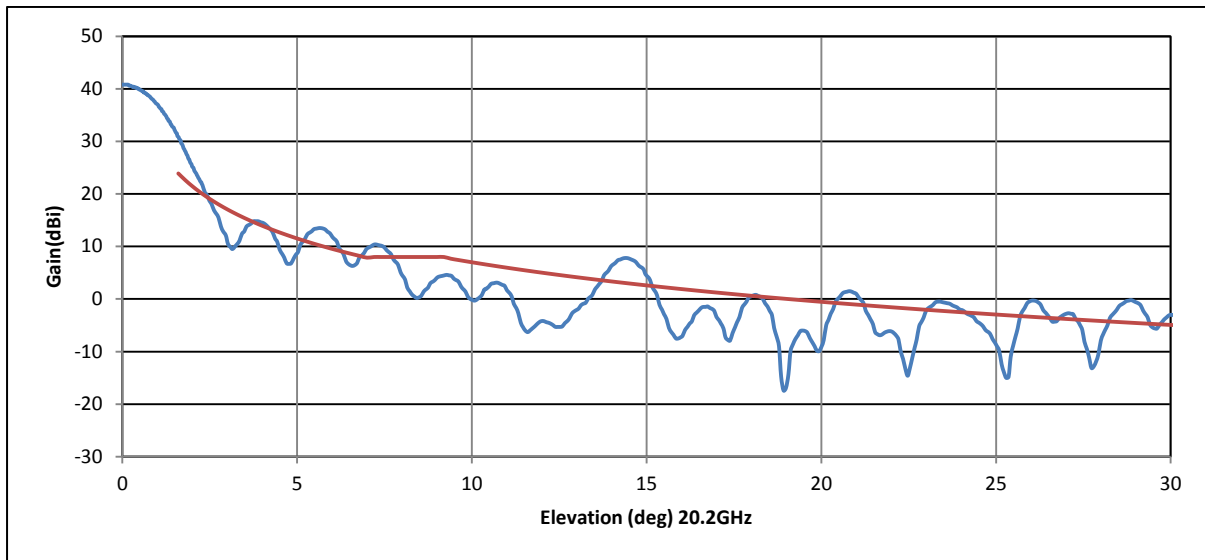


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

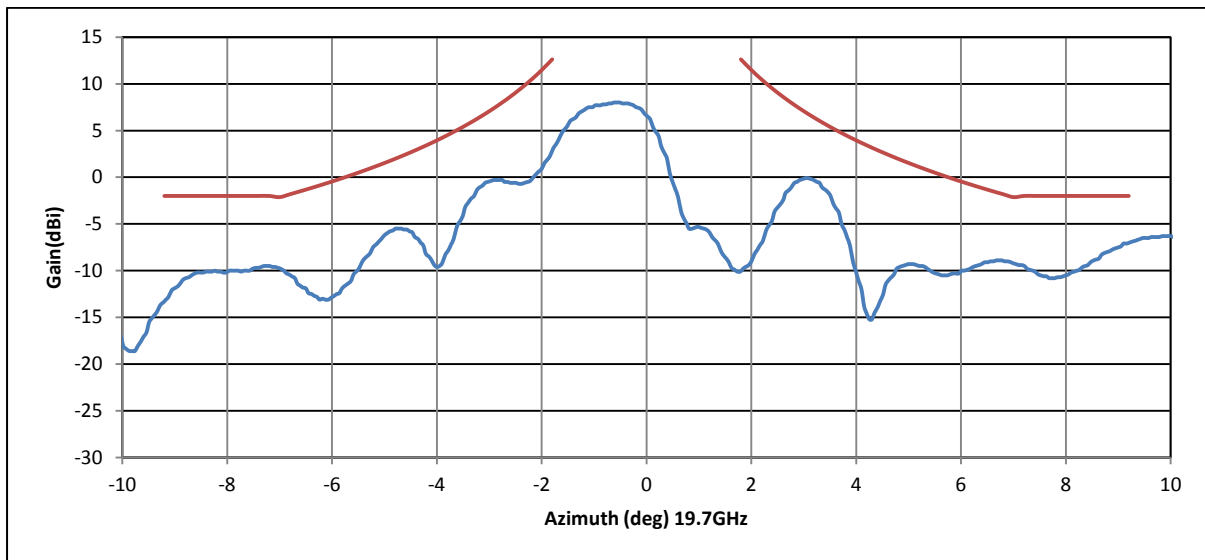


Figure 26 - Plot for 19.95 GHz

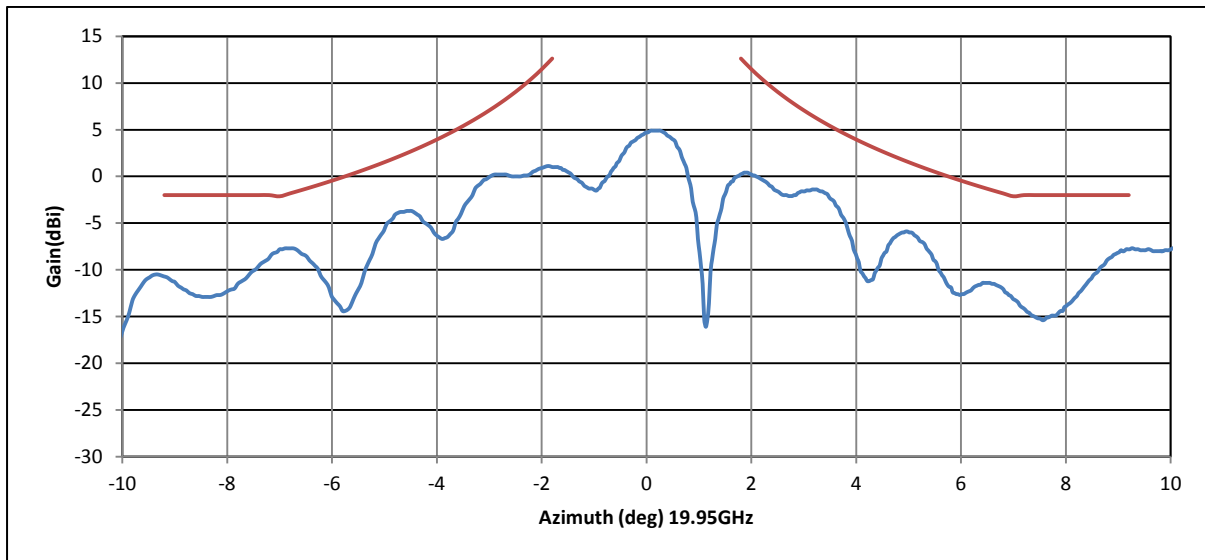
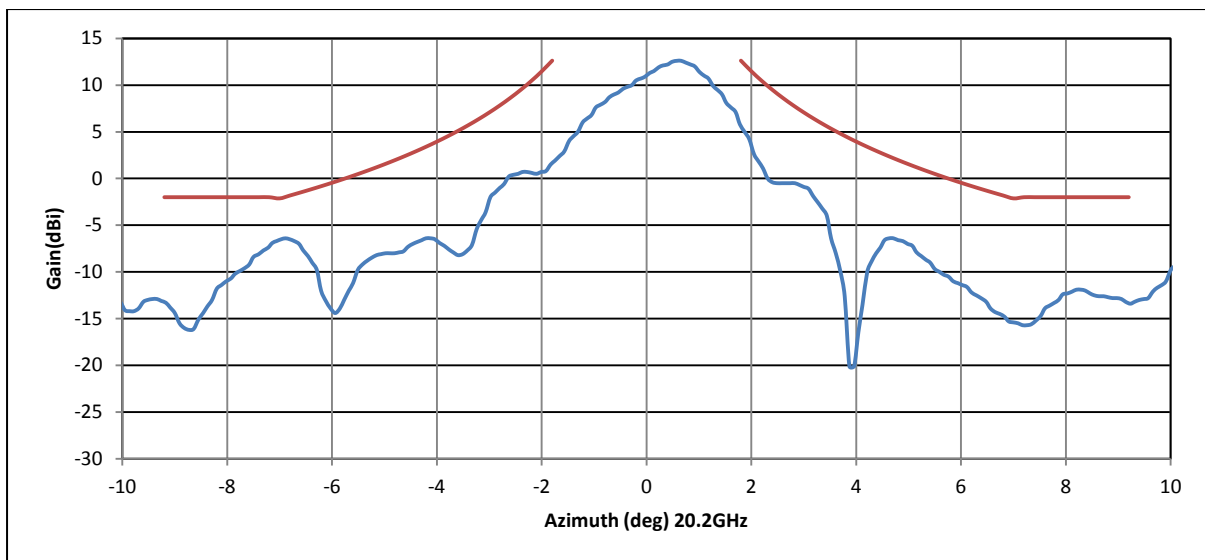


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

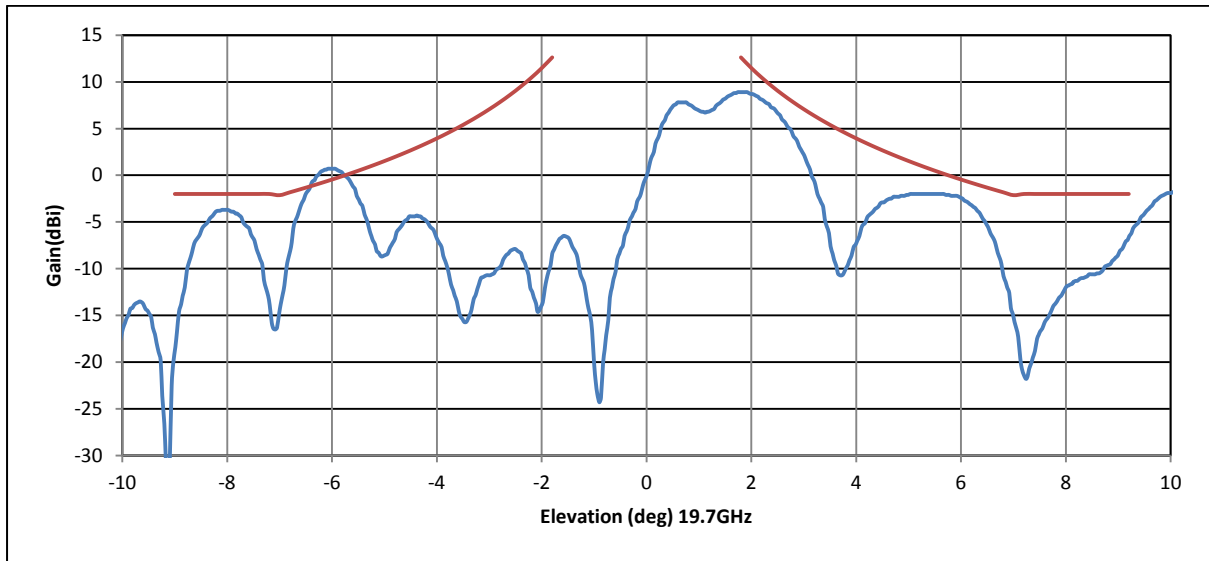


Figure 29 - Plot for 19.95 GHz

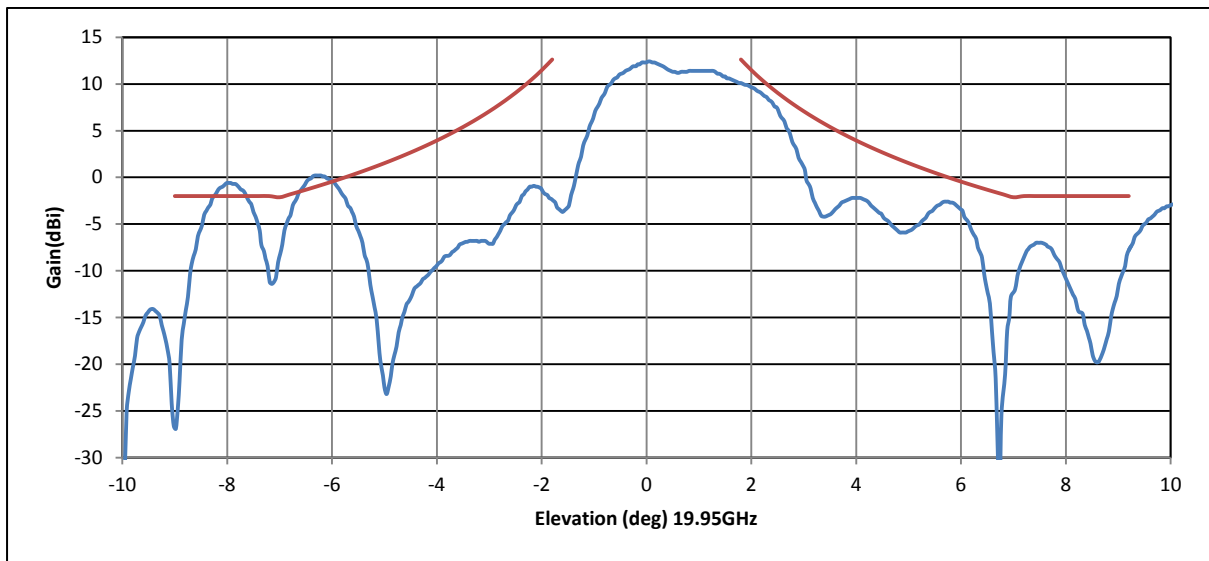


Figure 30 - Plot for 20.2 GHz

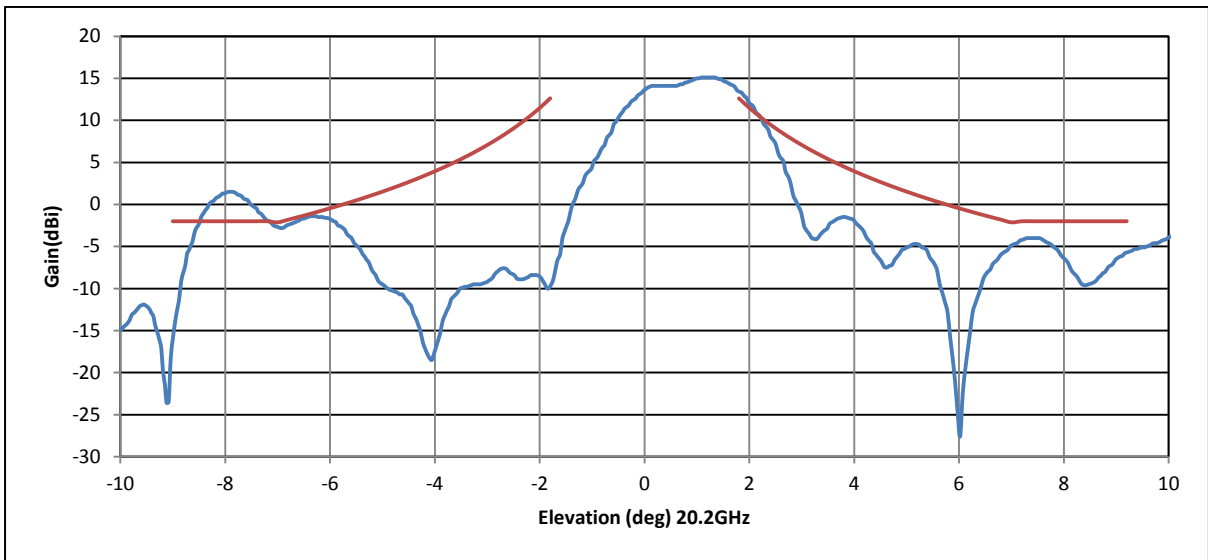


EXHIBIT B-7

Plots for Paradigm/SWT terminal models Connect100/Connect100T and SKY98GX/01

The following attachment contains all the plots requested for showing the compliance of the Paradigm/SWT Connect 100, Connect 100T and SKY98GX/01 terminals with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

7. Plots for terminal type 1 meter Connect100/Connect100T/SKY98

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

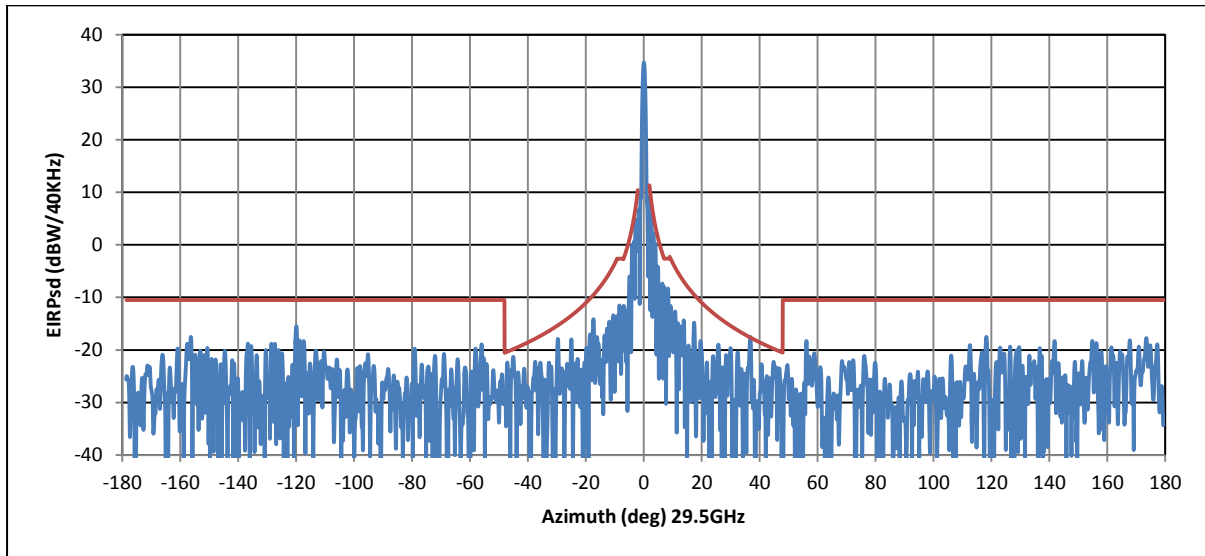


Figure 2 - Plot for 29.75 GHz

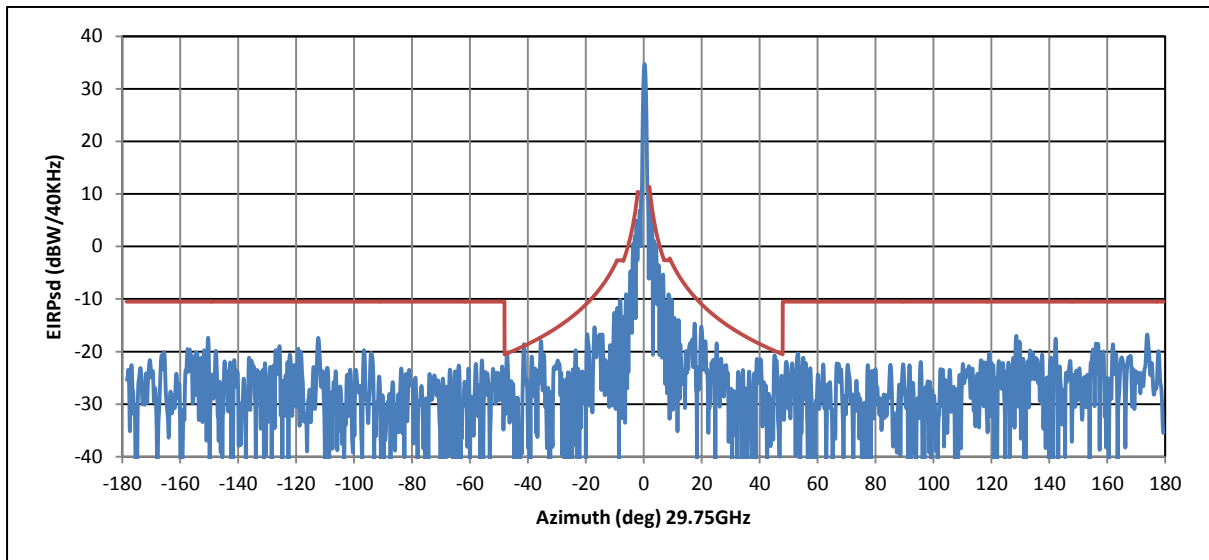
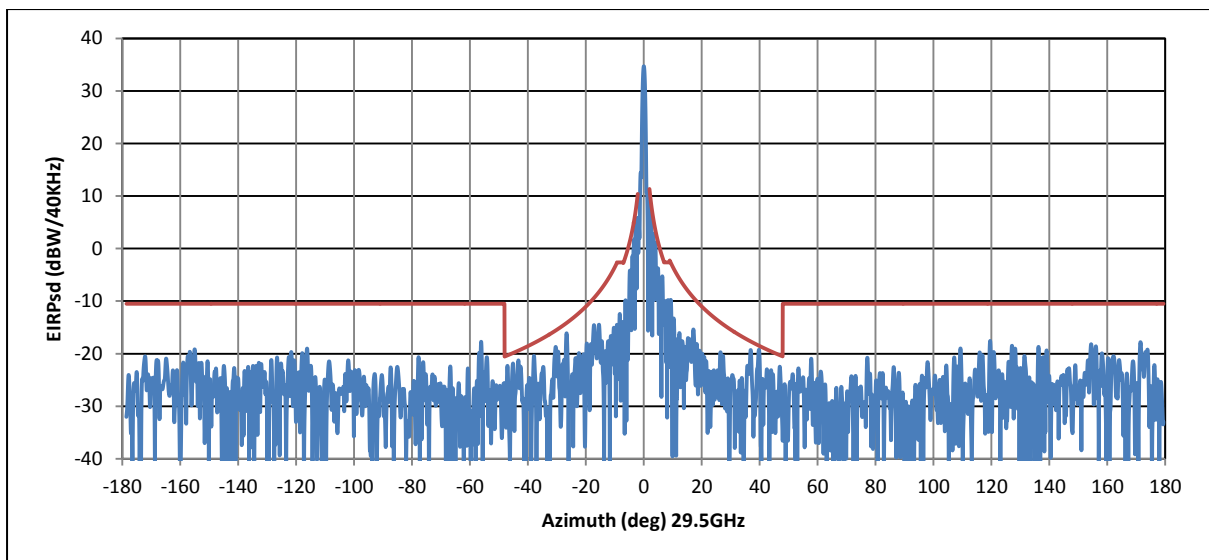


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

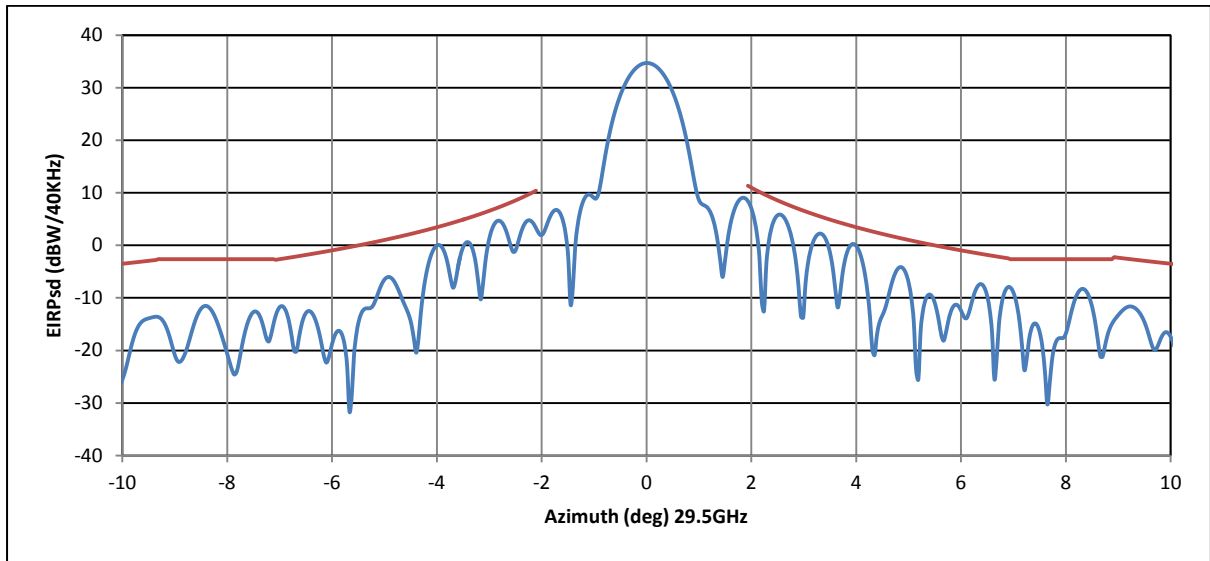


Figure 5 - Plot for 29.75 GHz

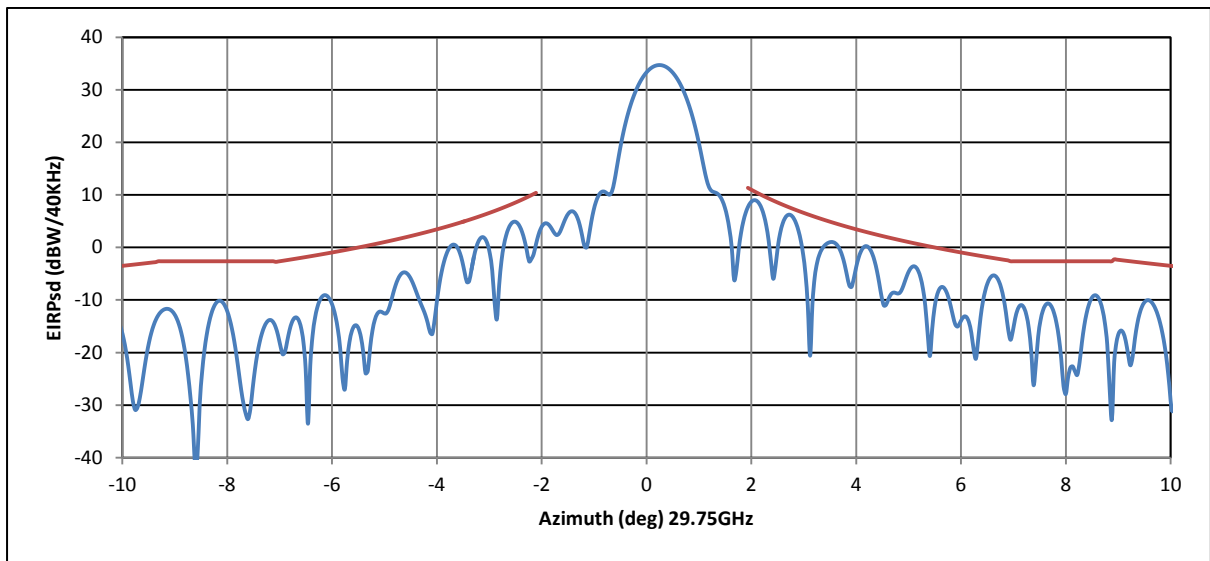
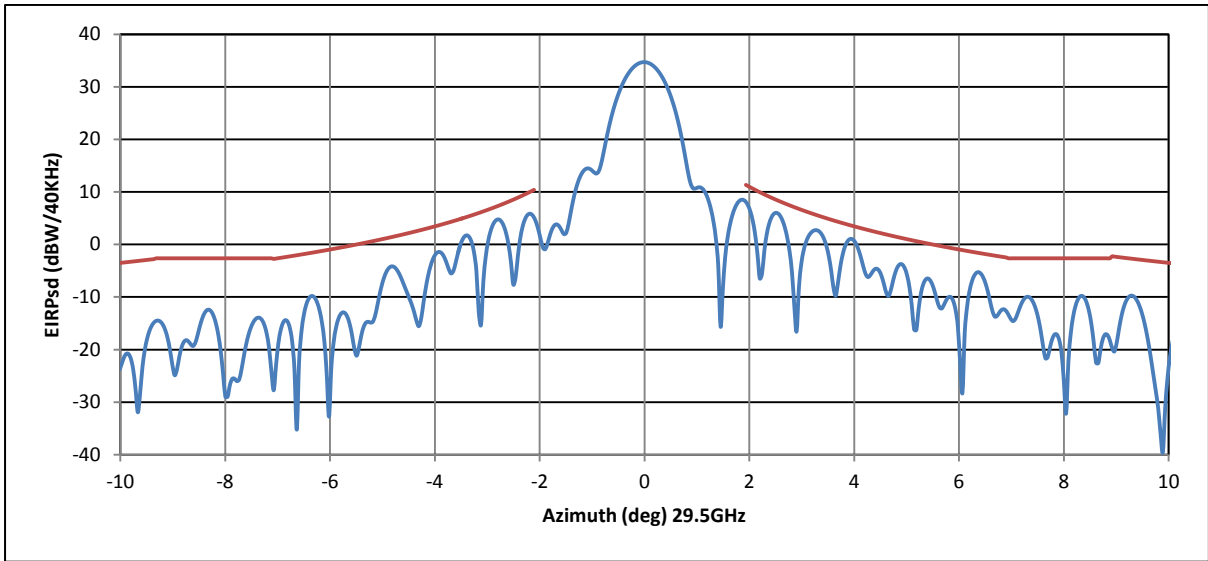


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

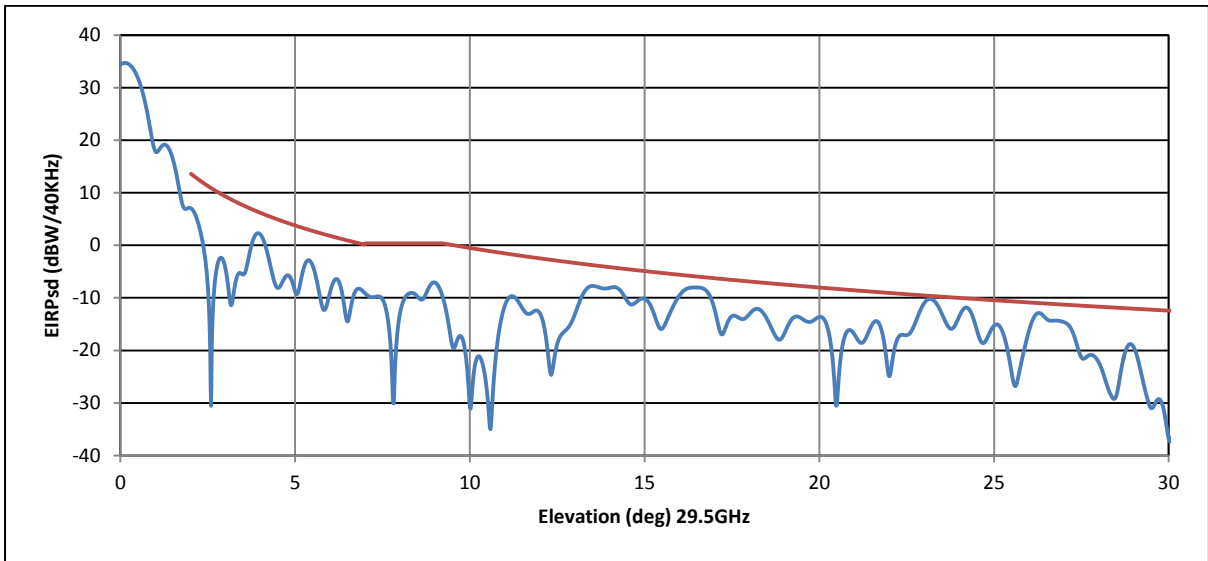


Figure 8 - Plot for 29.75 GHz

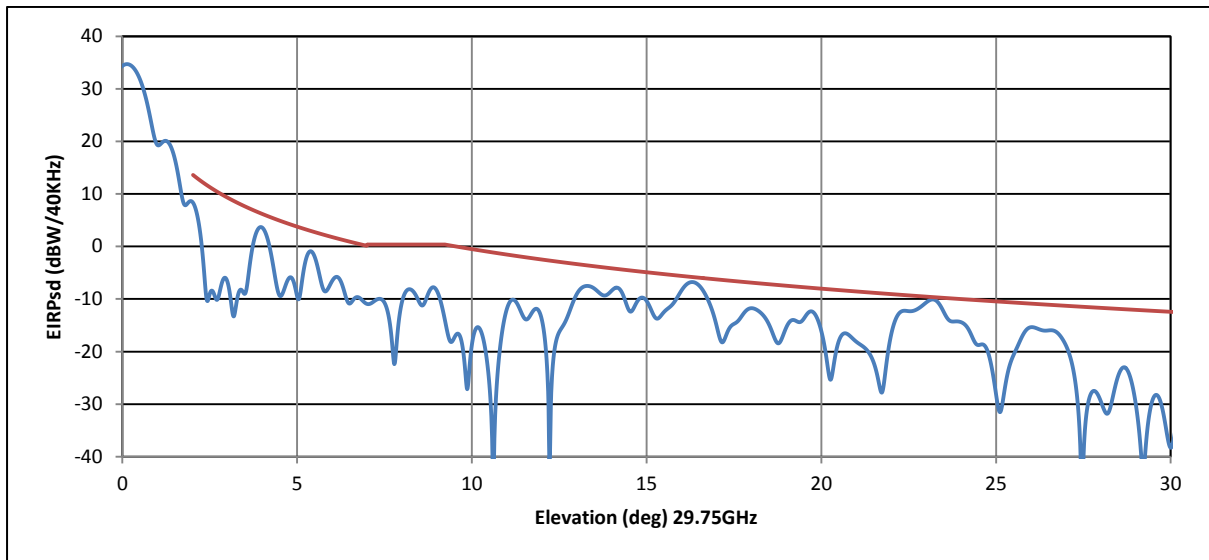
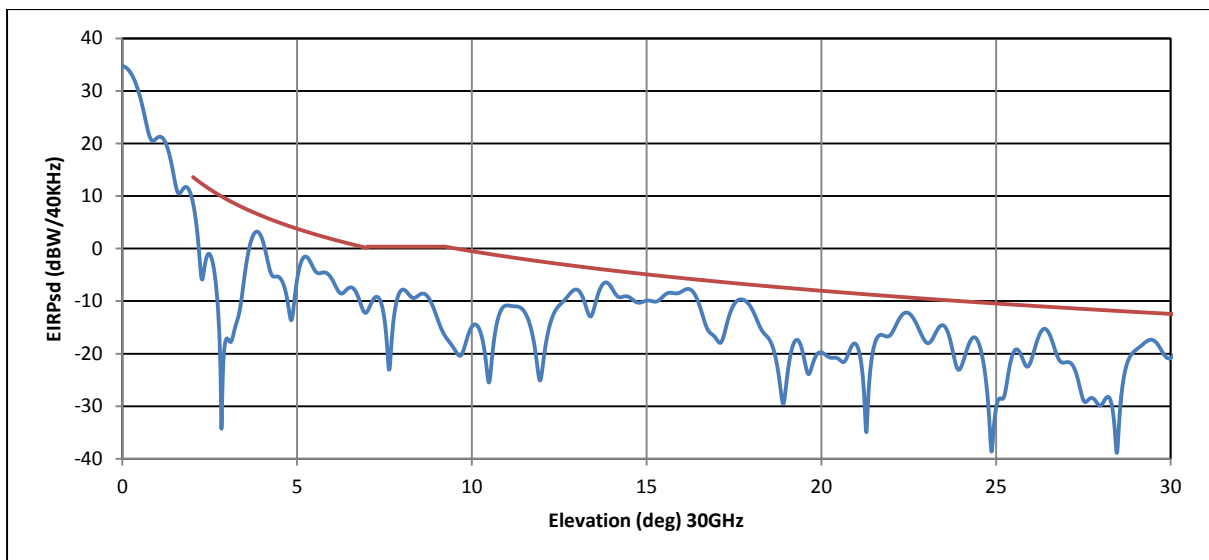


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

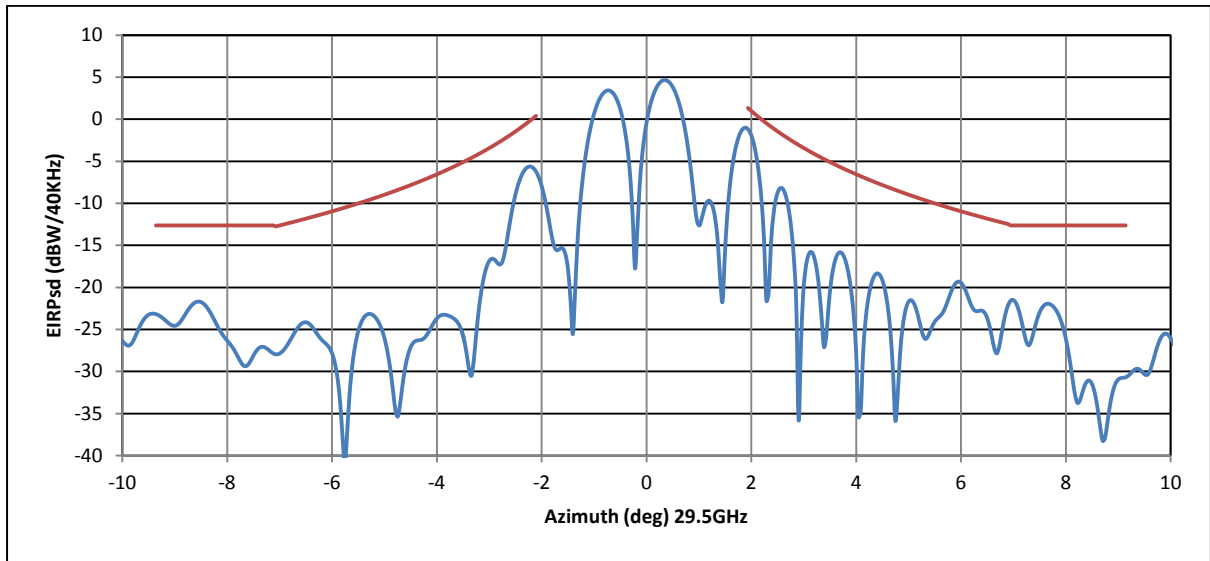


Figure 11 - Plot for 29.75 GHz

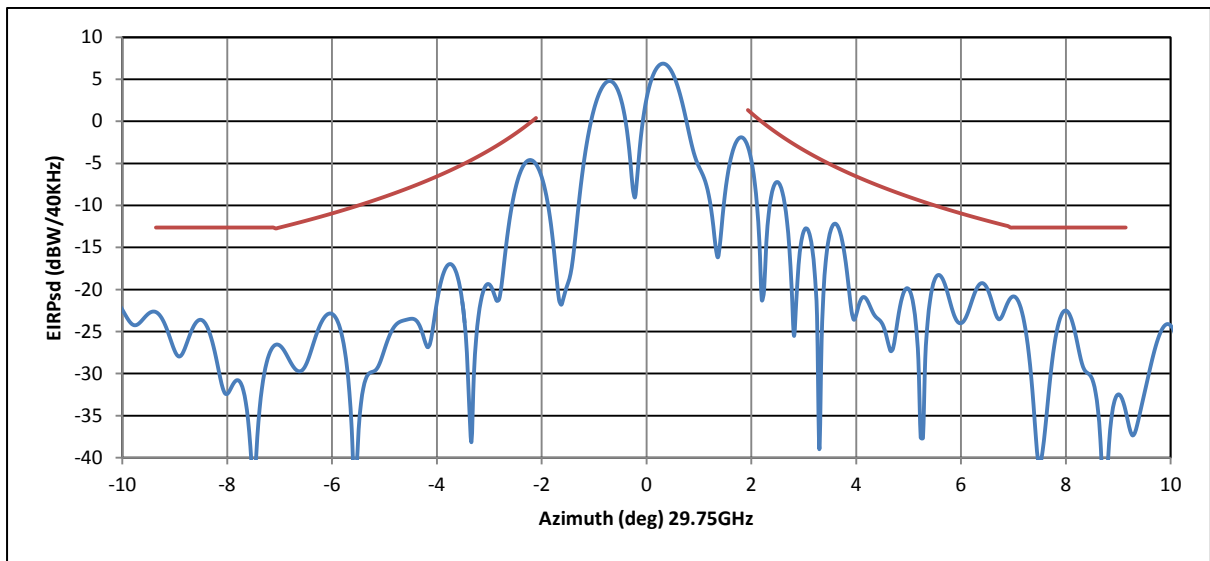
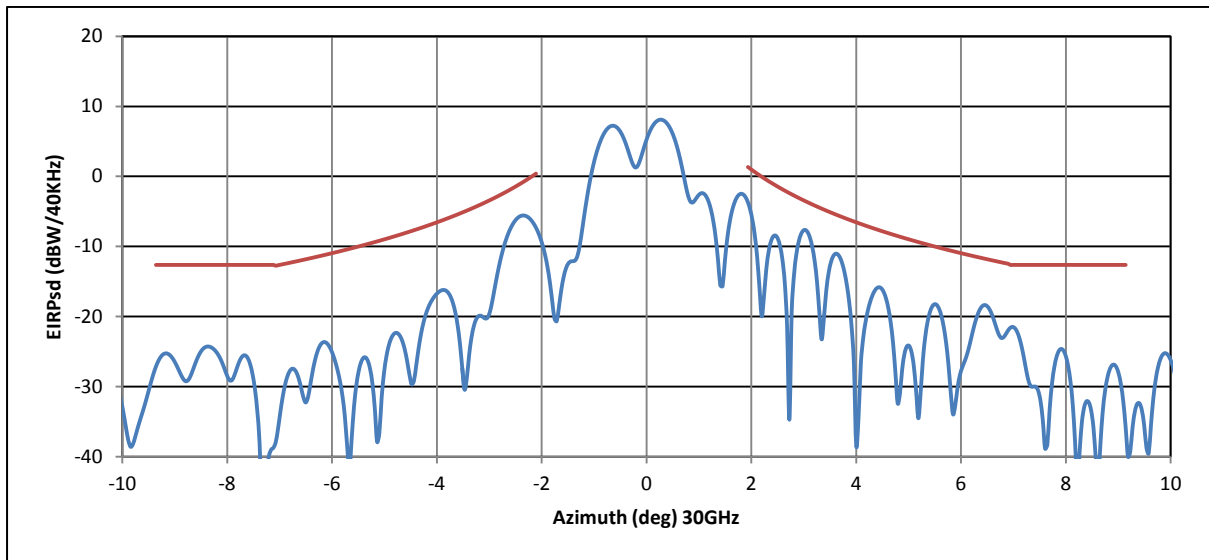


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

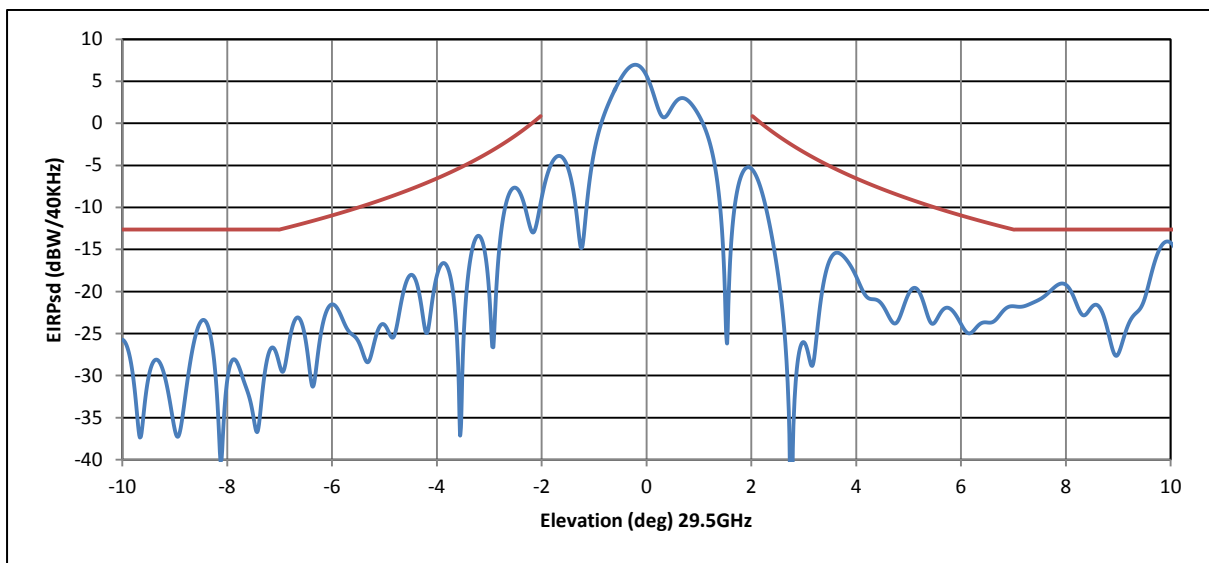


Figure 14 - Plot for 29.75 GHz

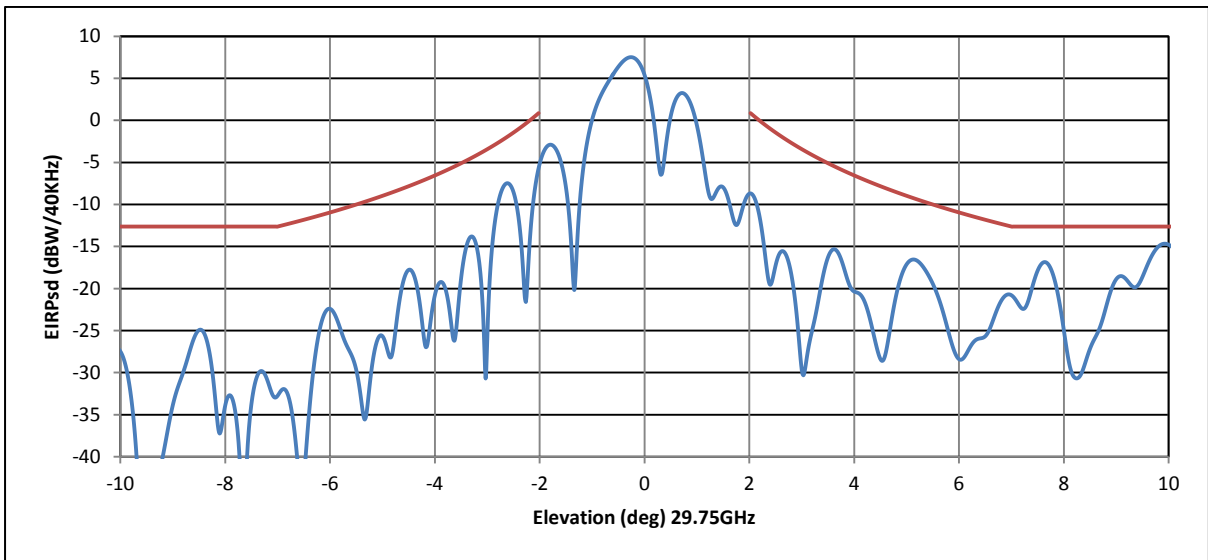
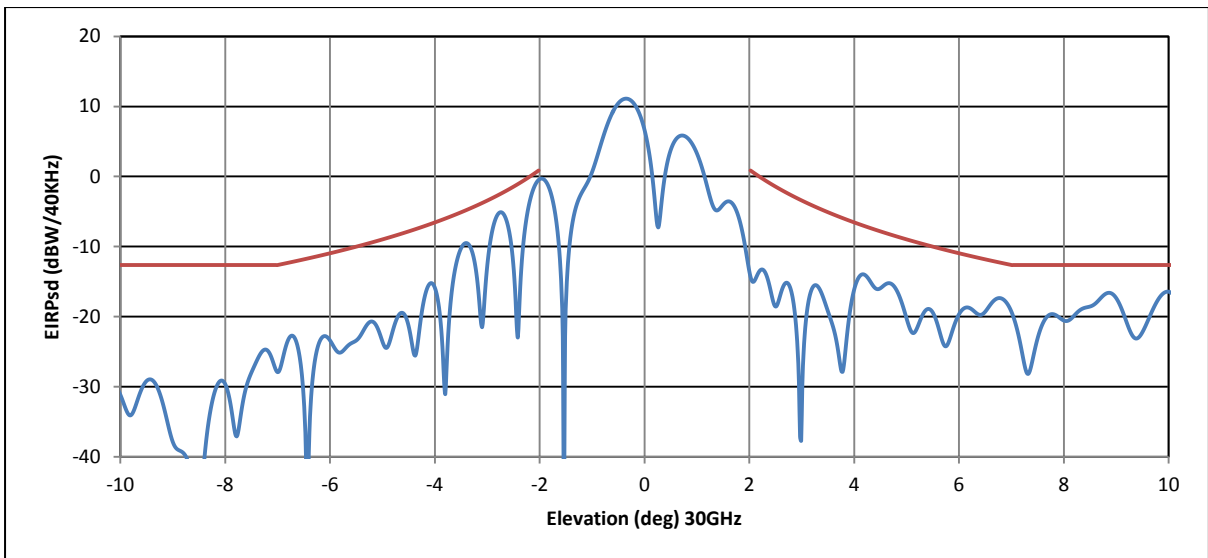


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

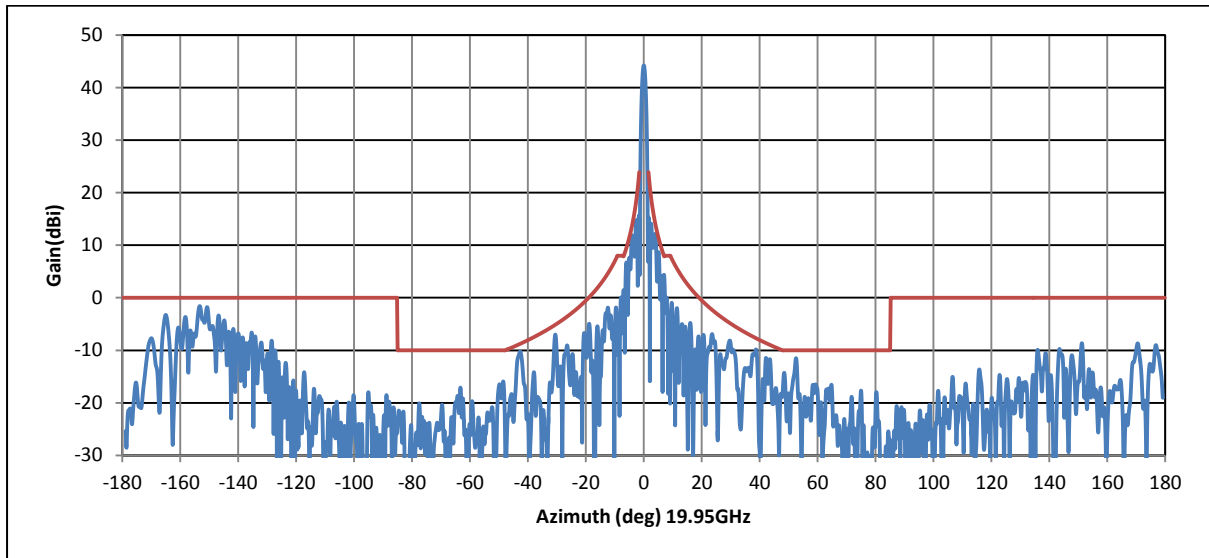


Figure 17 - Plot for 19.95 GHz

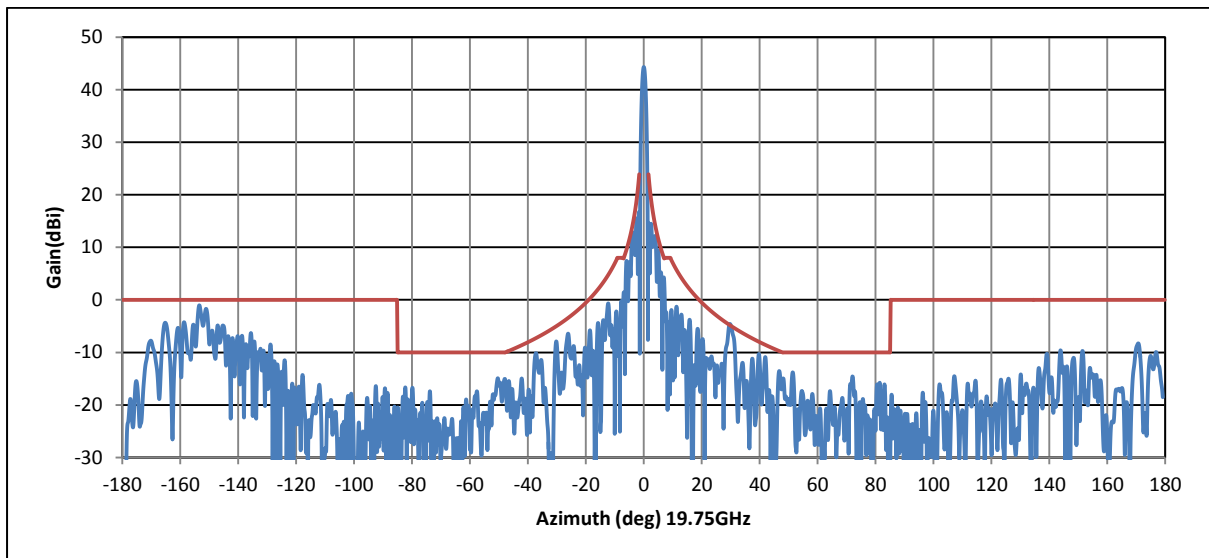
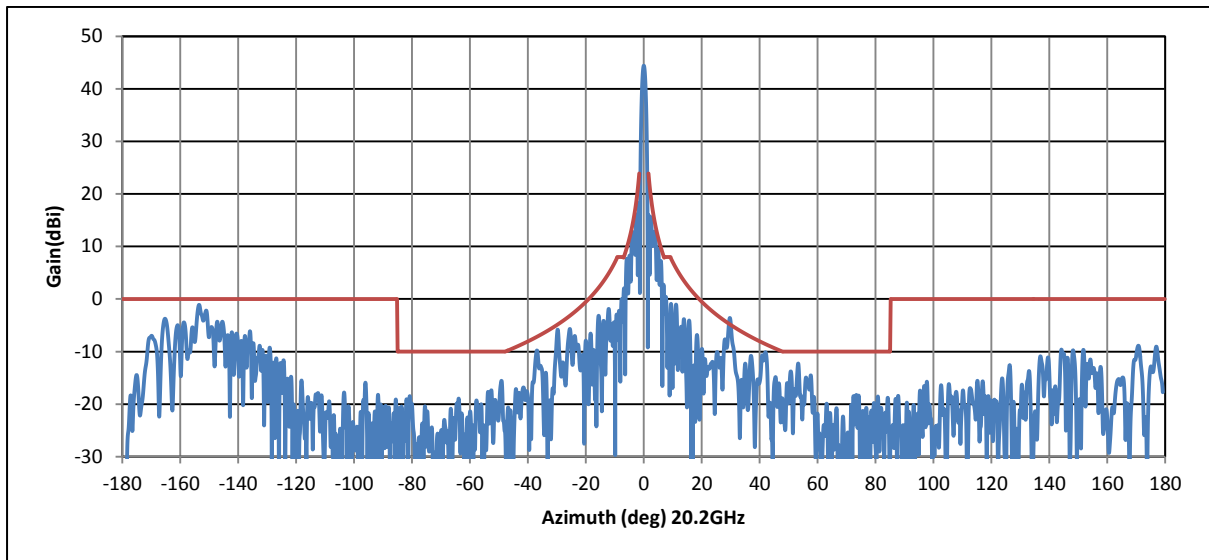


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

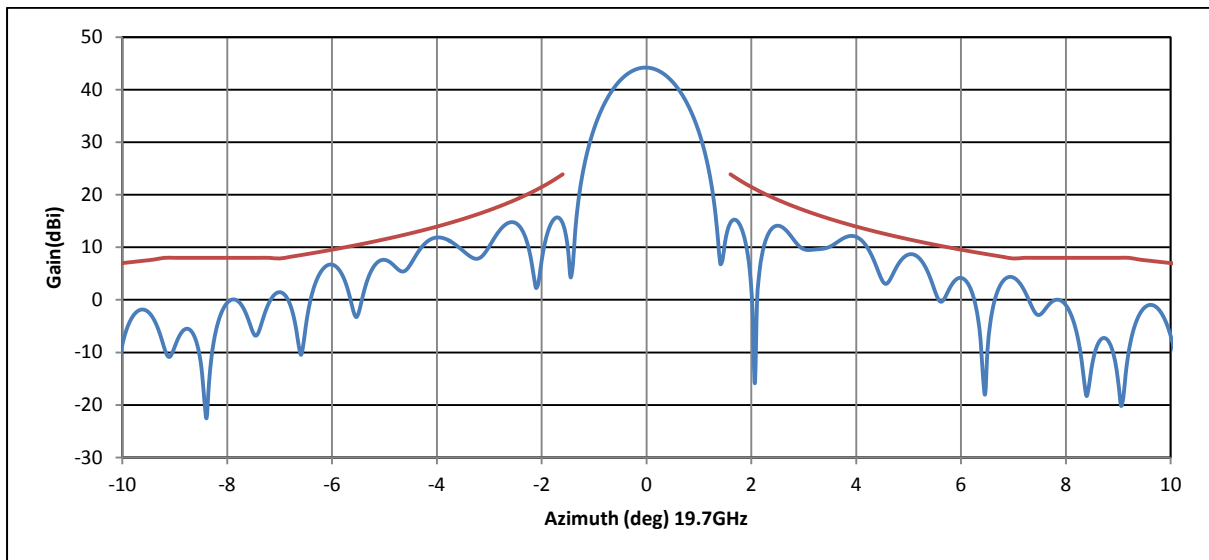


Figure 20 - Plot for 19.95 GHz

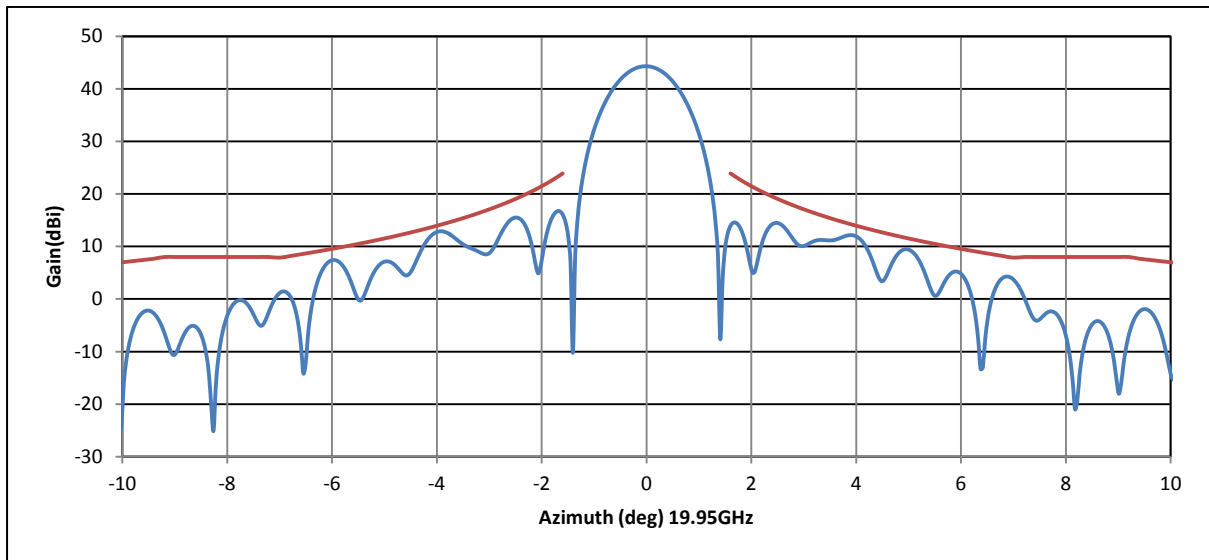
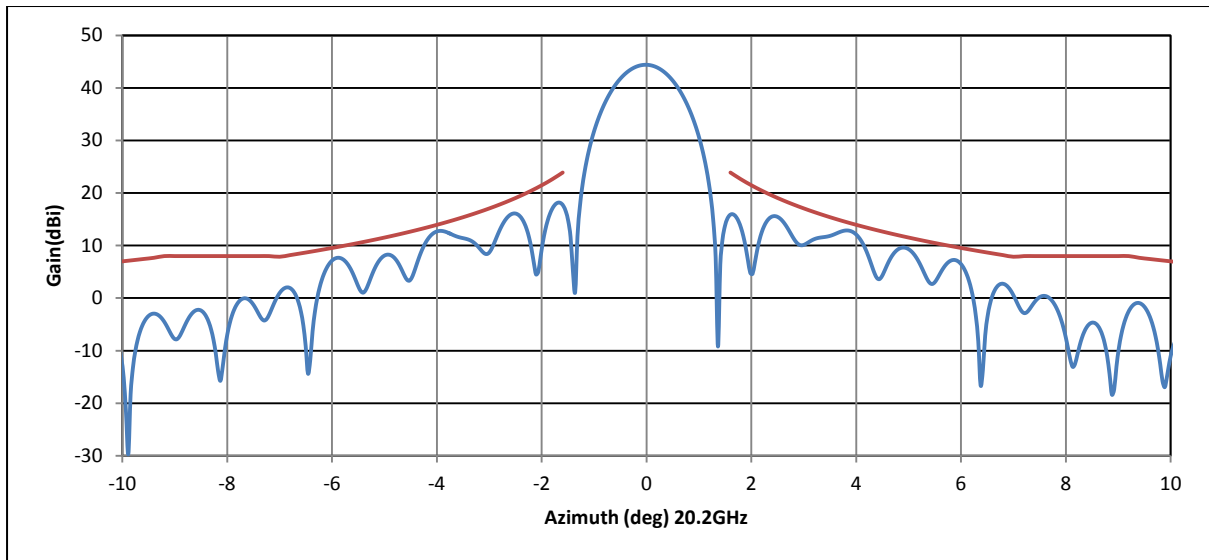


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

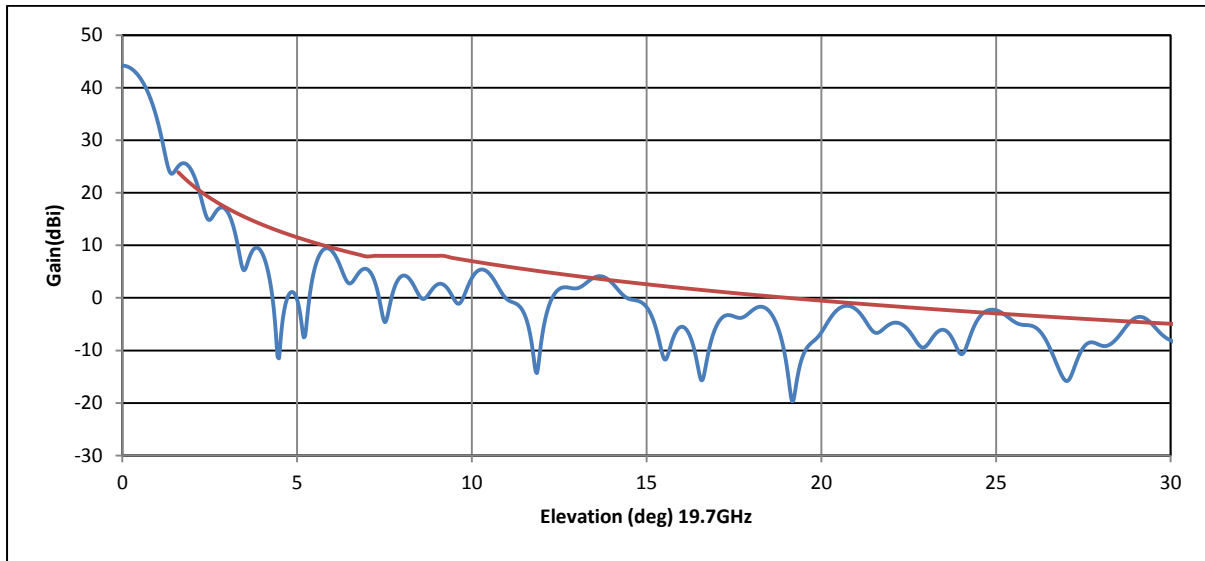


Figure 23 - Plot for 19.95 GHz

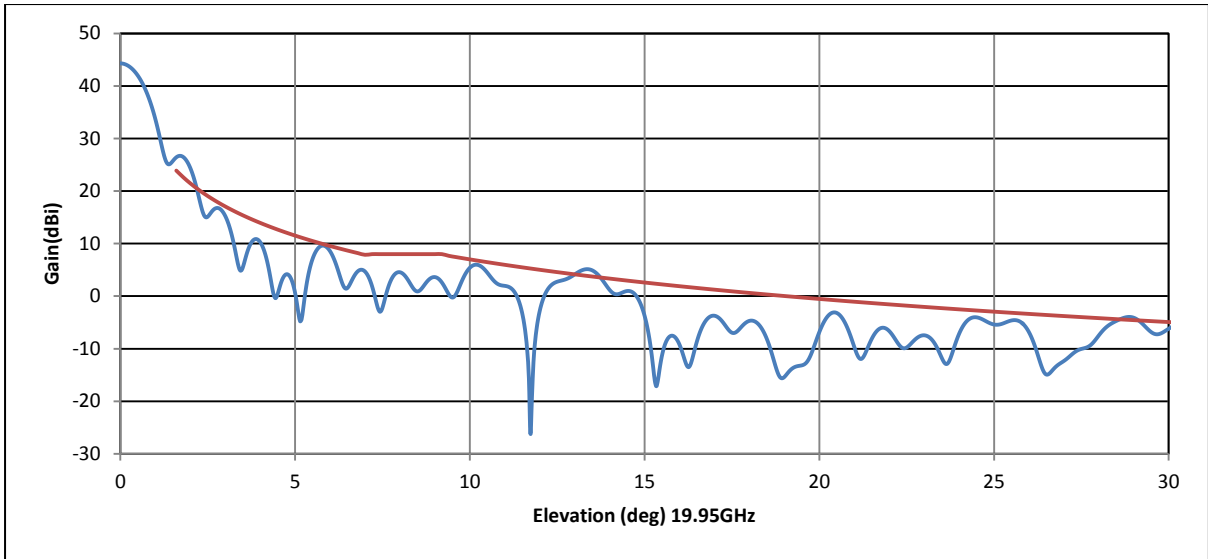
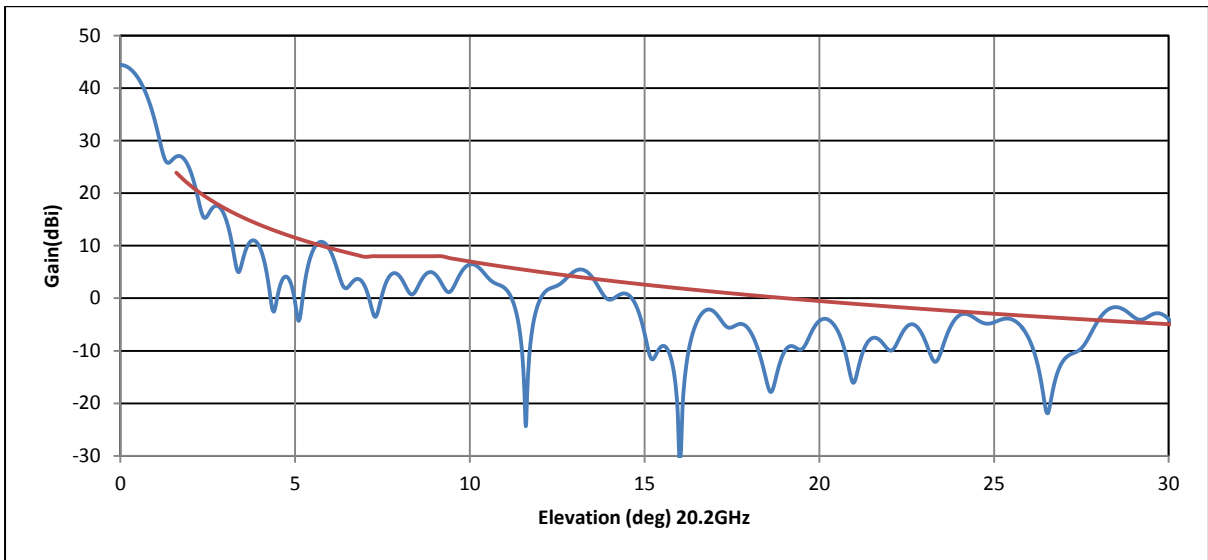


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

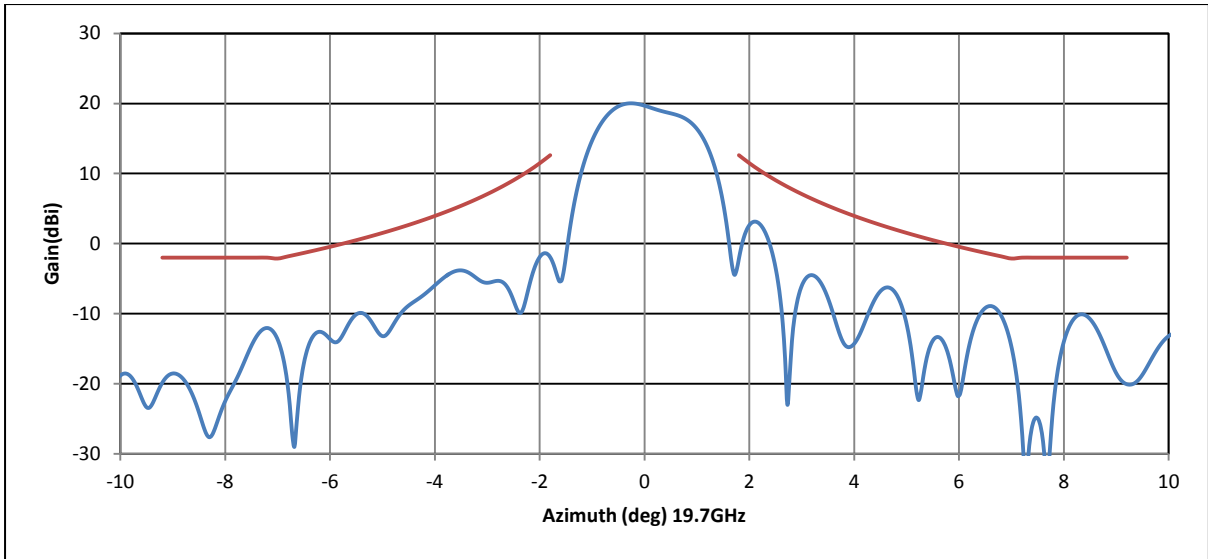


Figure 26 - Plot for 19.95 GHz

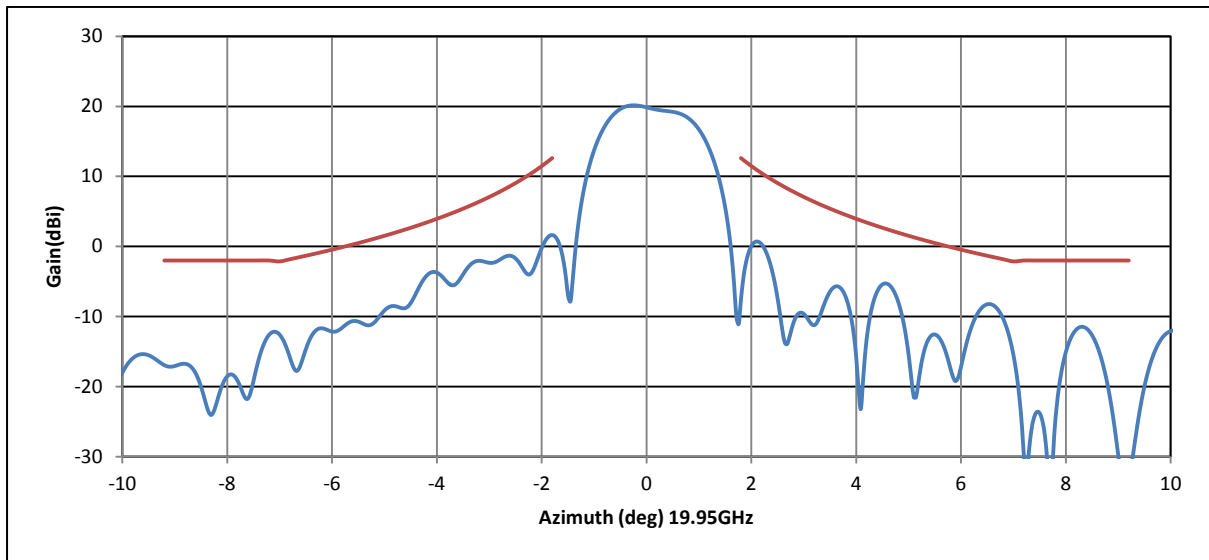
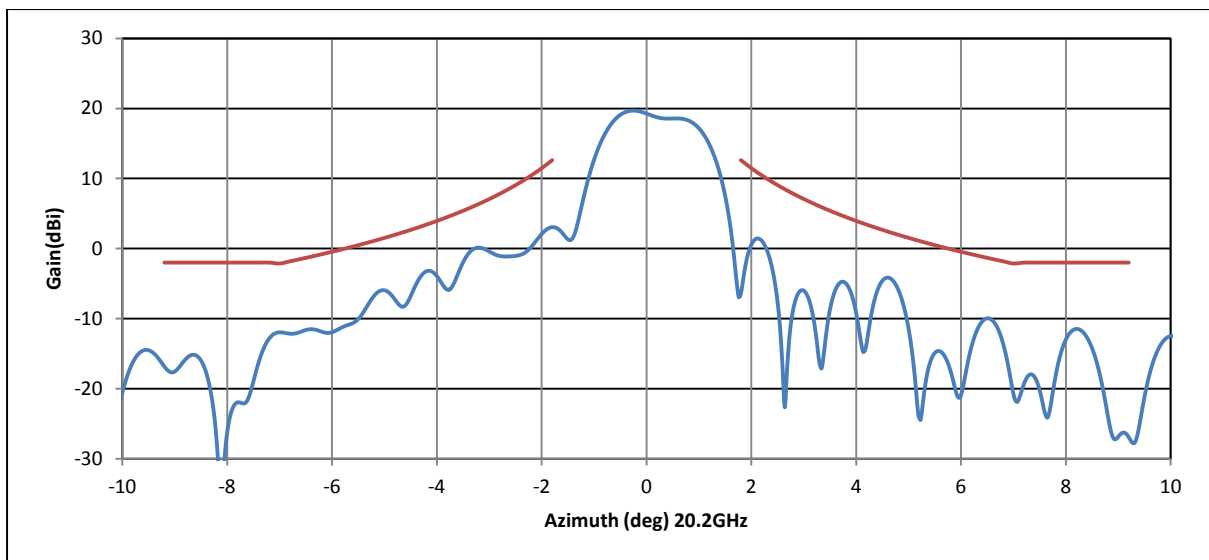


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

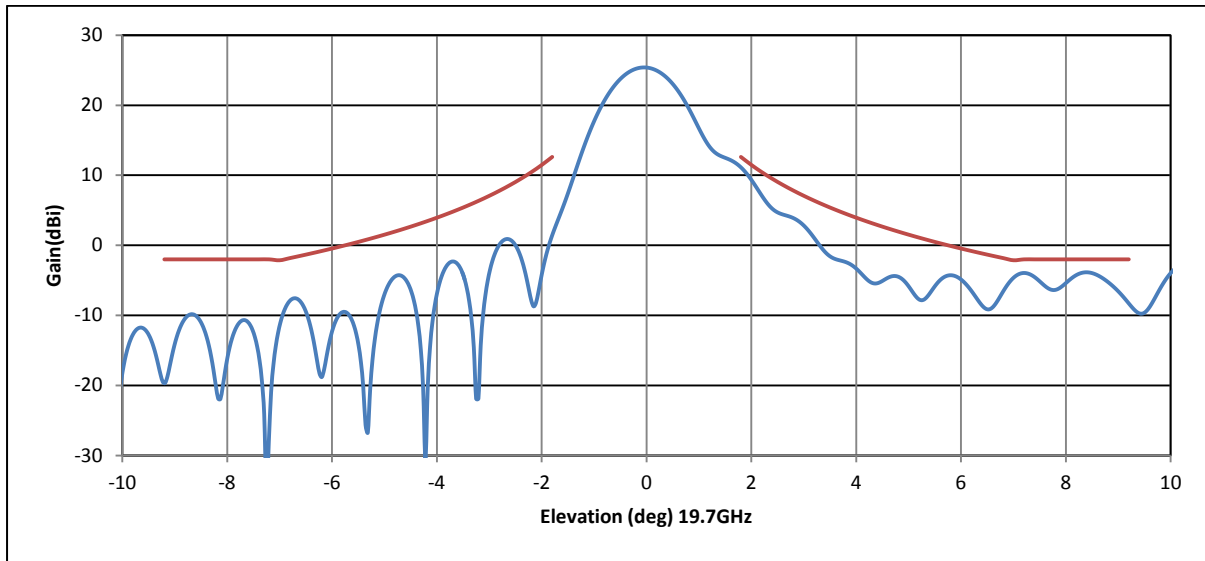


Figure 29 - Plot for 19.95 GHz

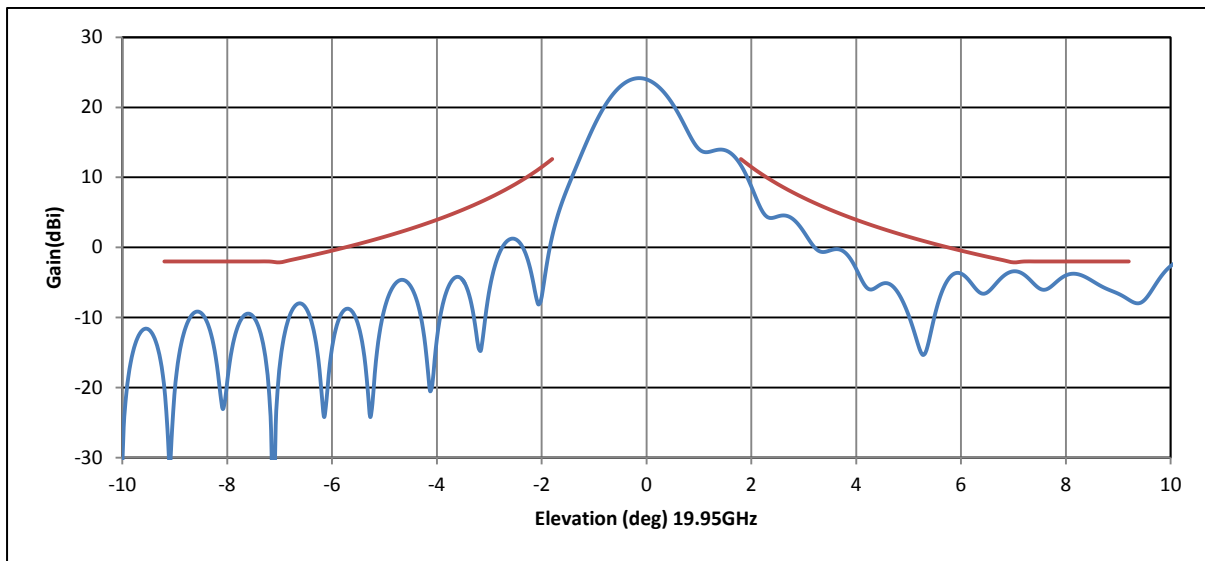


Figure 30 - Plot for 20.2 GHz

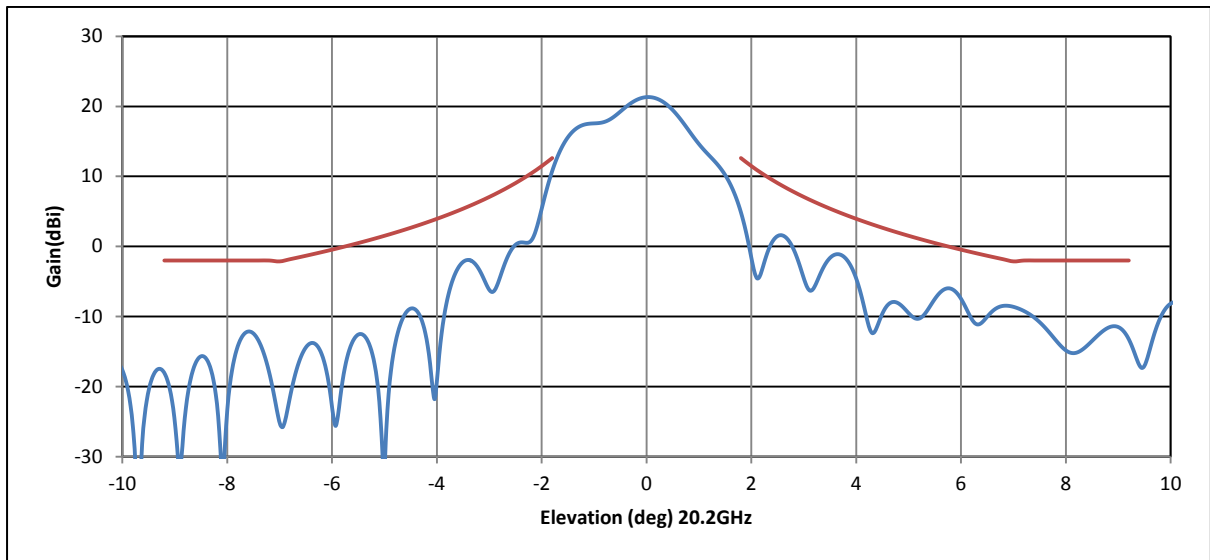


EXHIBIT B-8

Plots for Paradigm/SWT terminal models Connect180 and SKY180GX/01

The following attachment contains all the plots requested for showing the compliance of the Paradigm/SWT Connect 180 and Sky180GX/01 terminals with the requirements established by FCC §25.138 and §25.209. The plots refer to the frequencies listed in Table 1 below.

Table 1 - Measurement points for plots

Tx frequencies (§25.138)	29.5 GHz	29.75 GHz	30.0 GHz
Rx frequencies (§25.209)	19.7 GHz	19.95 GHz	20.2 GHz

Each plot is compared with the relevant mask derived from the FCC references above.

8. Plots for terminal type 1.8 meter Connect180 and SKY180

1.1 Transmit plots (compliance with FCC §25.138)

1.1.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 1 - Plot for 29.5 GHz

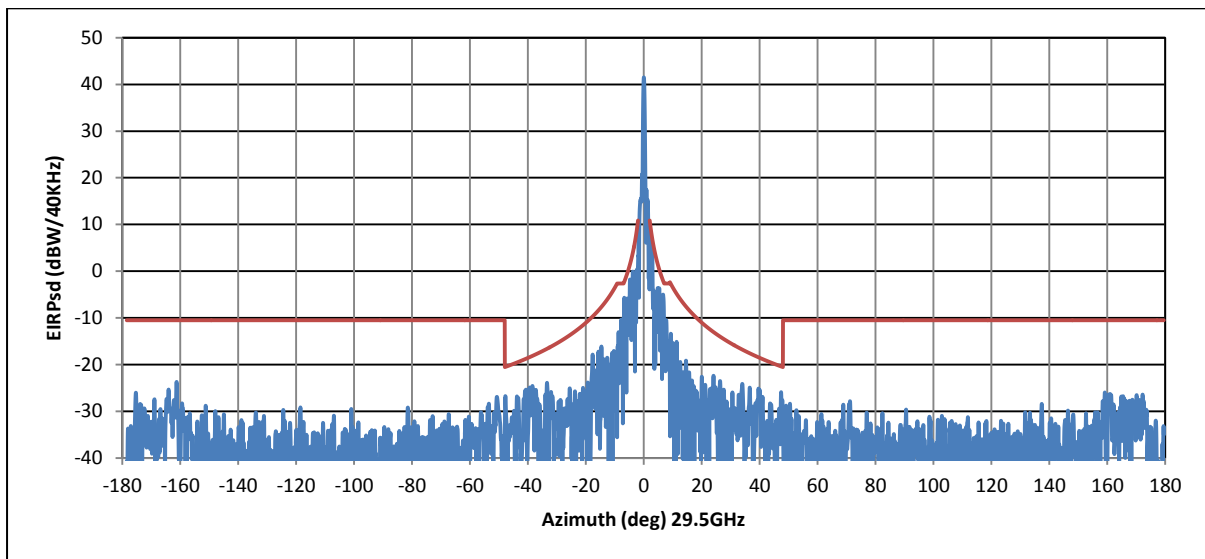


Figure 2 - Plot for 29.75 GHz

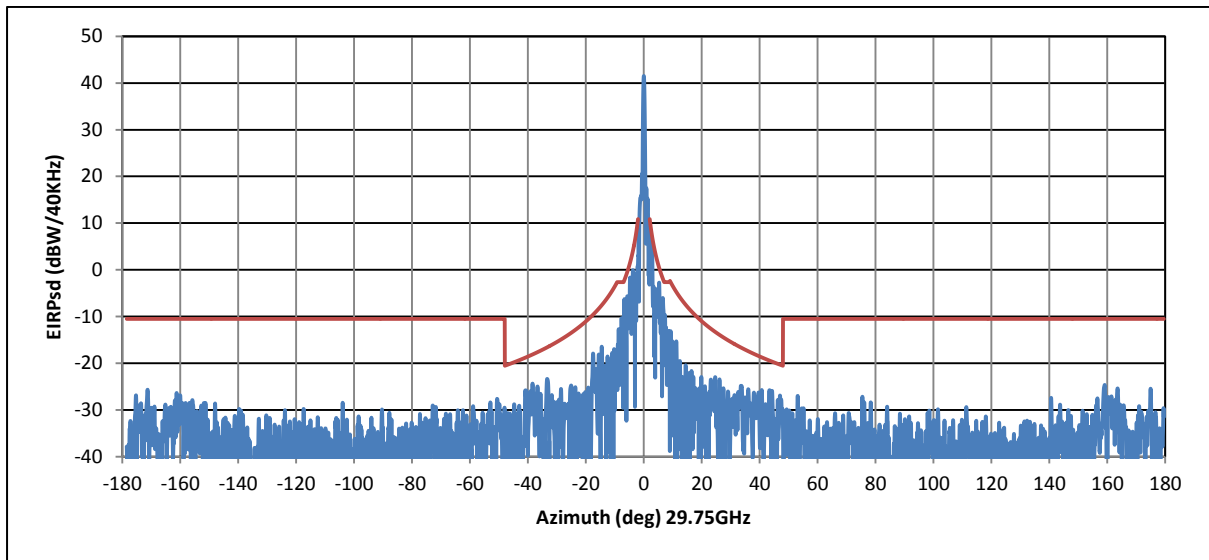
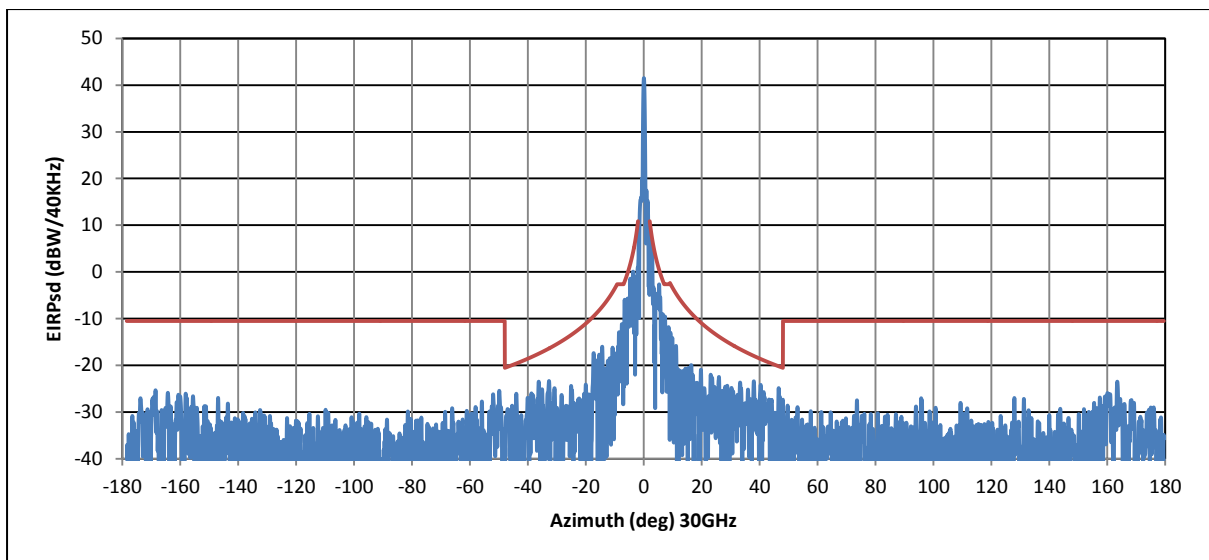


Figure 3 - Plot for 30.0 GHz



1.1.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 4 - Plot for 29.5 GHz

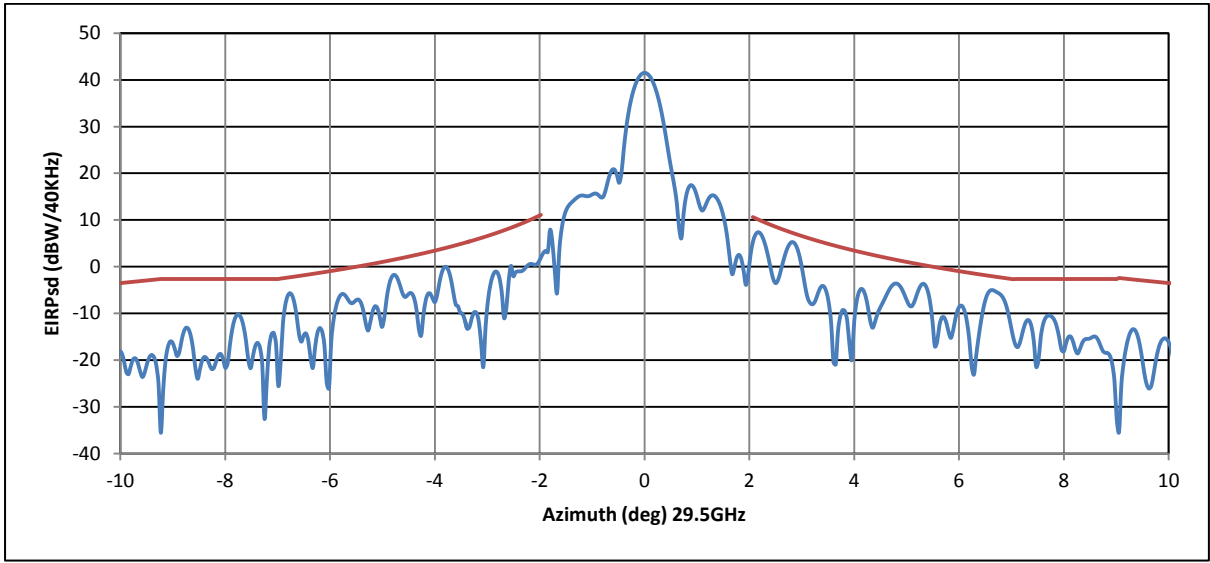


Figure 5 - Plot for 29.75 GHz

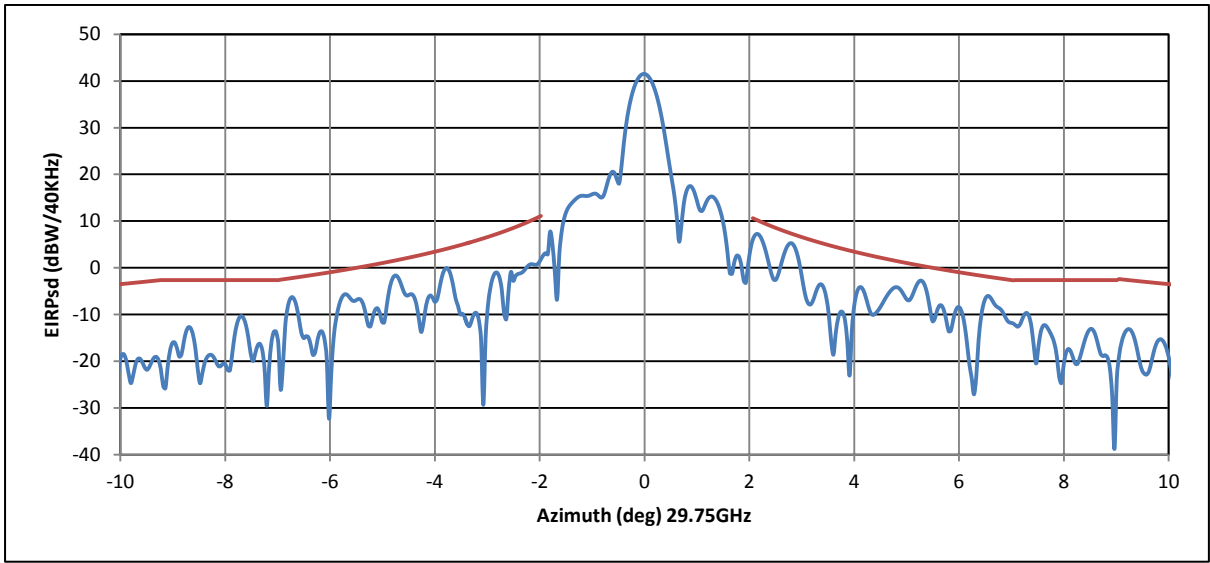
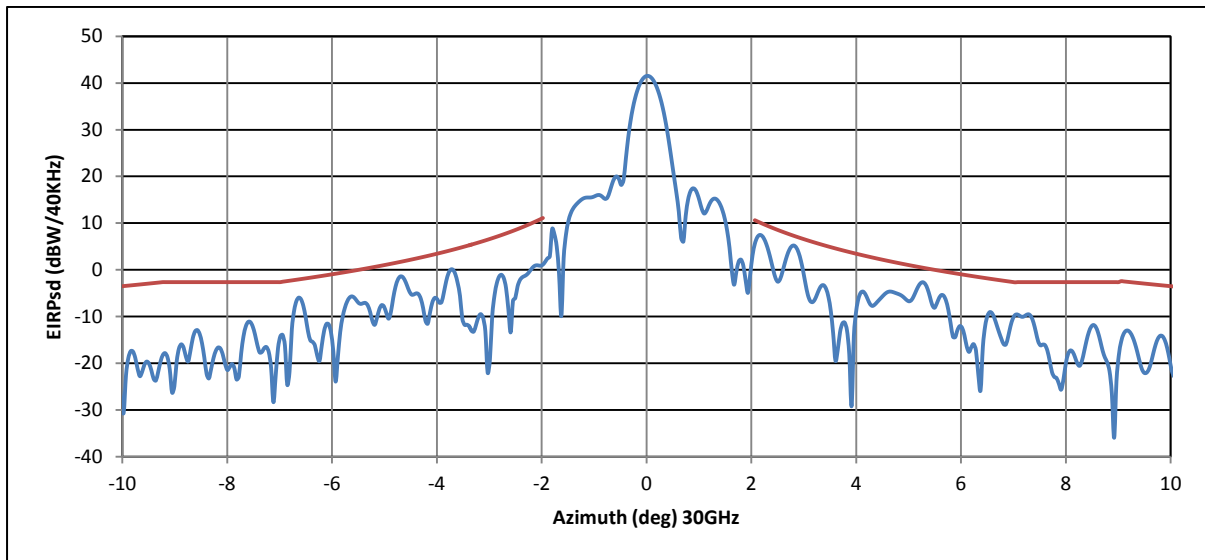


Figure 6 - Plot for 30.0 GHz



1.1.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 7 - Plot for 29.5 GHz

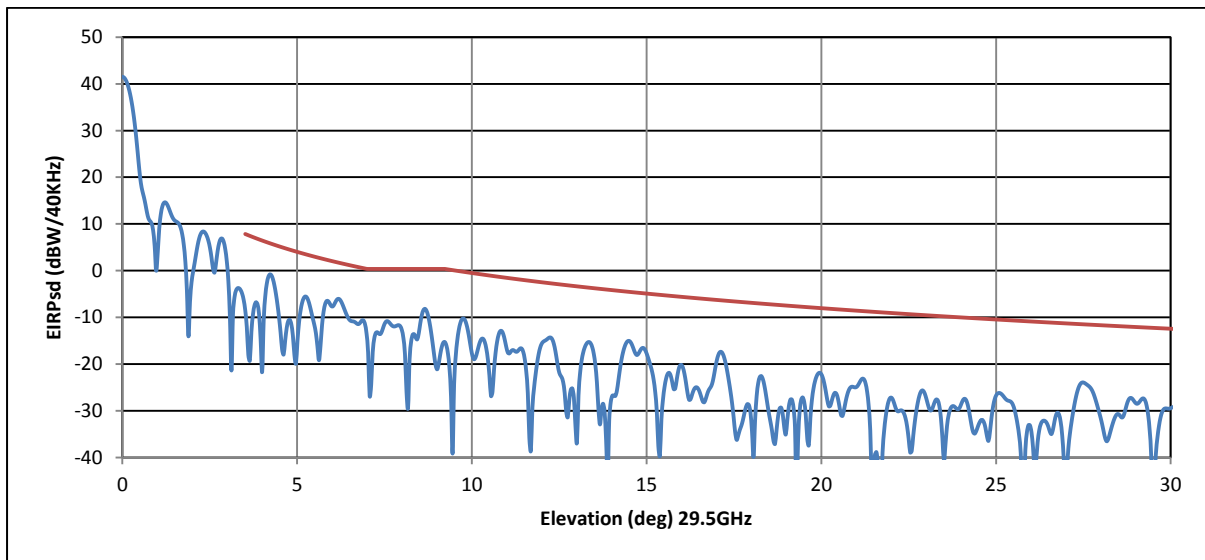


Figure 8 - Plot for 29.75 GHz

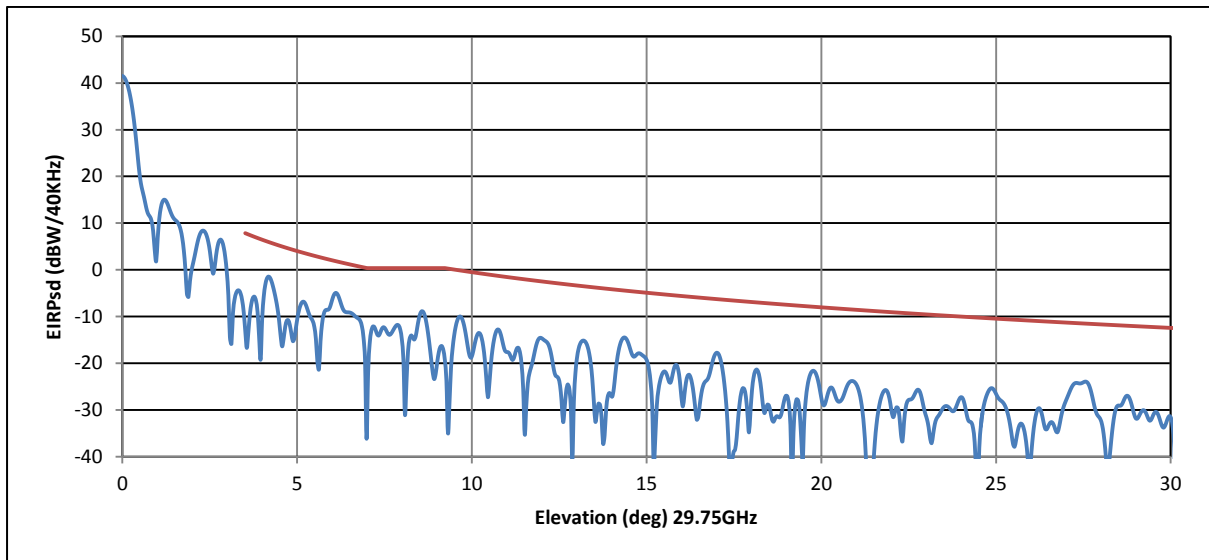
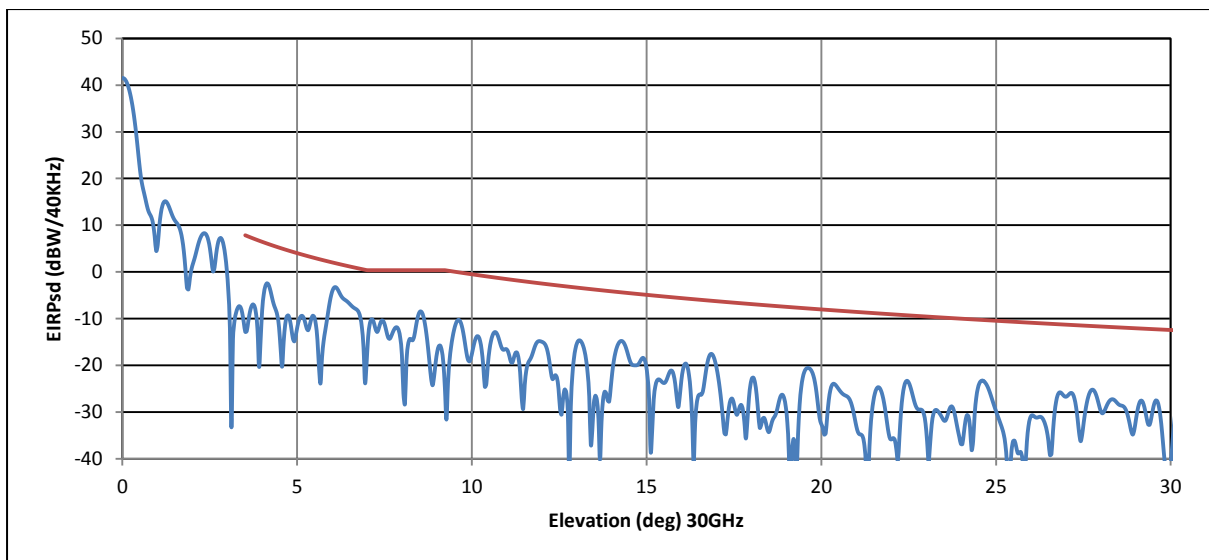


Figure 9 - Plot for 30.0 GHz



1.1.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 10 - Plot for 29.5 GHz

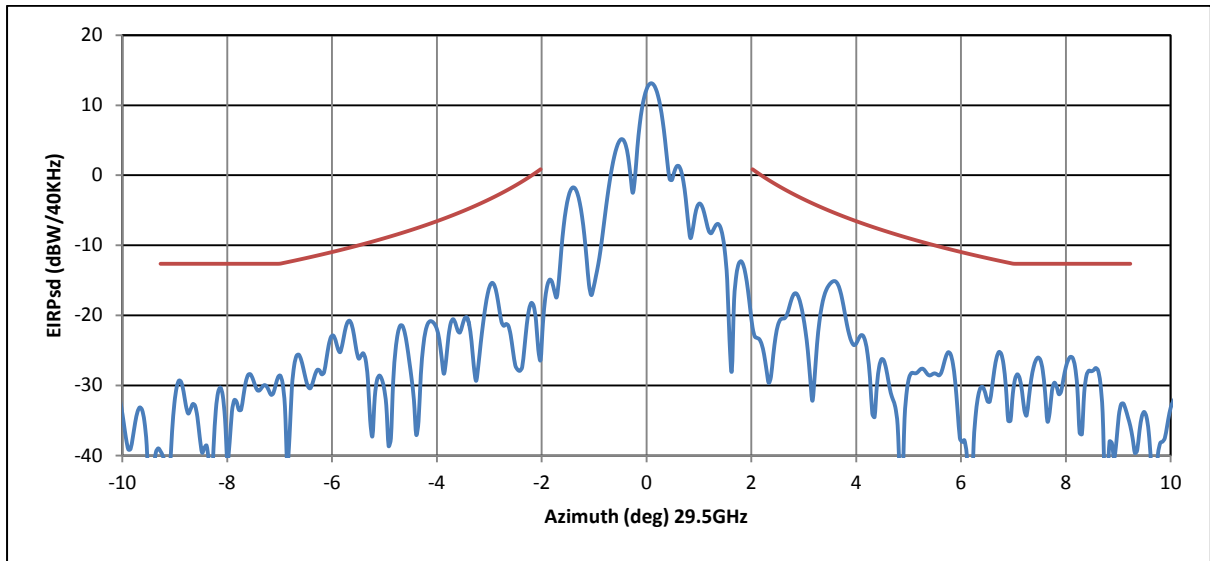


Figure 11 - Plot for 29.75 GHz

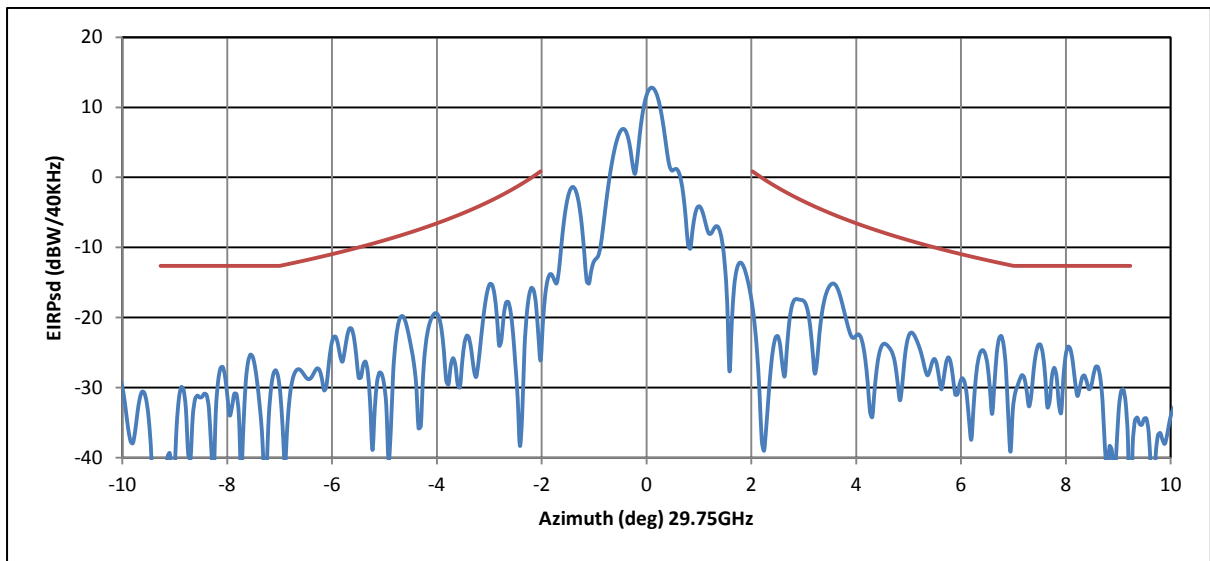
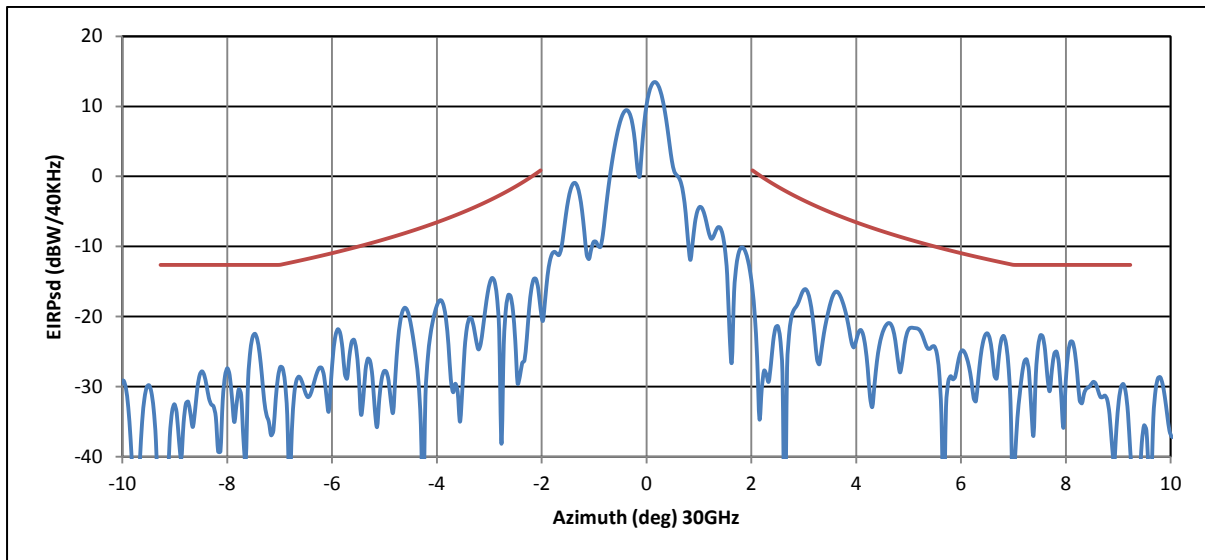


Figure 12 - Plot for 30.0 GHz



1.1.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 13 - Plot for 29.5 GHz

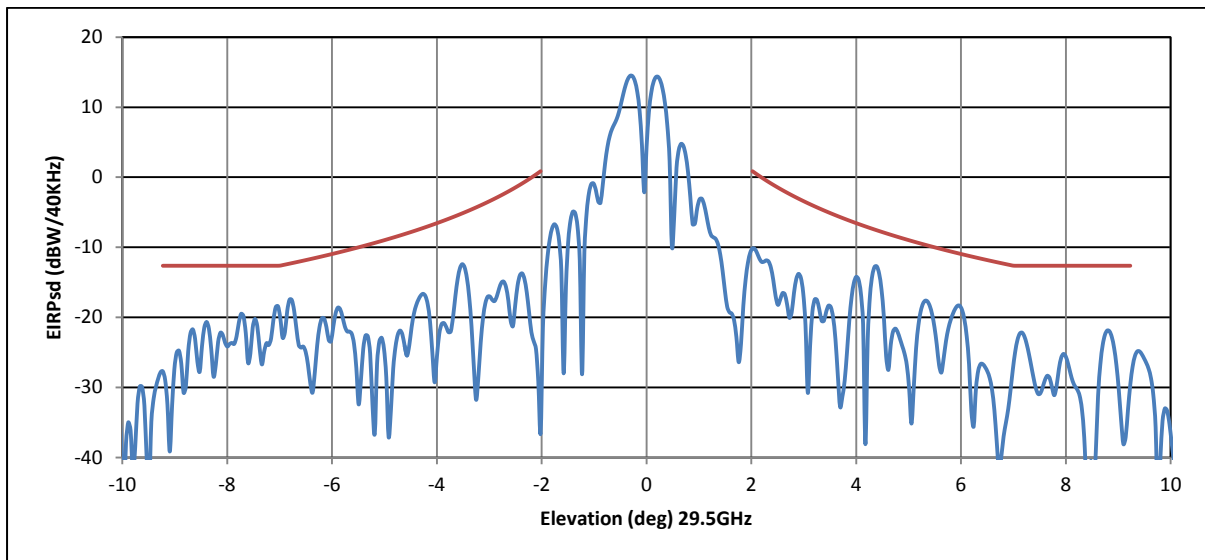


Figure 14 - Plot for 29.75 GHz

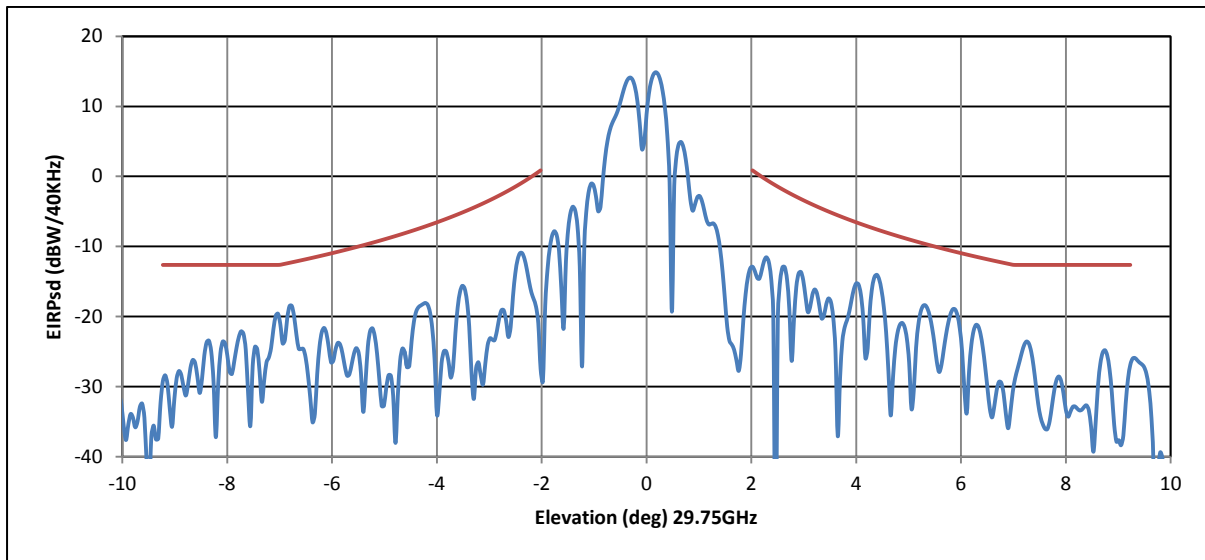
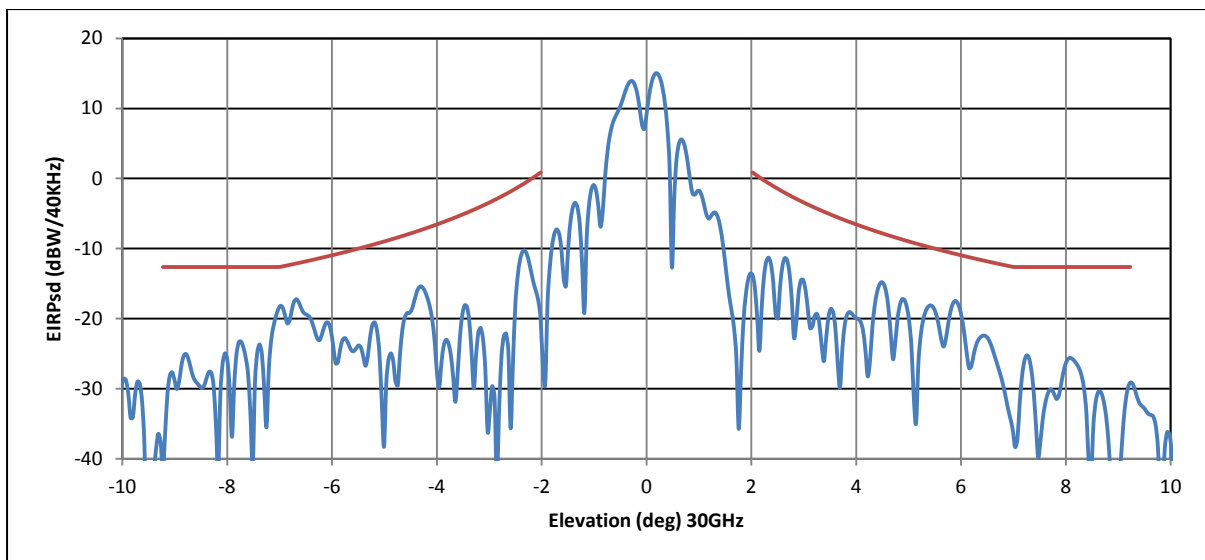


Figure 15 - Plot for 30.0 GHz



1.2 Receive plots (compliance with FCC §25.209)

1.2.1 Plots for Azimuth Co-Pol (Range: {-180 : 180} deg)

Figure 16 - Plot for 19.7 GHz

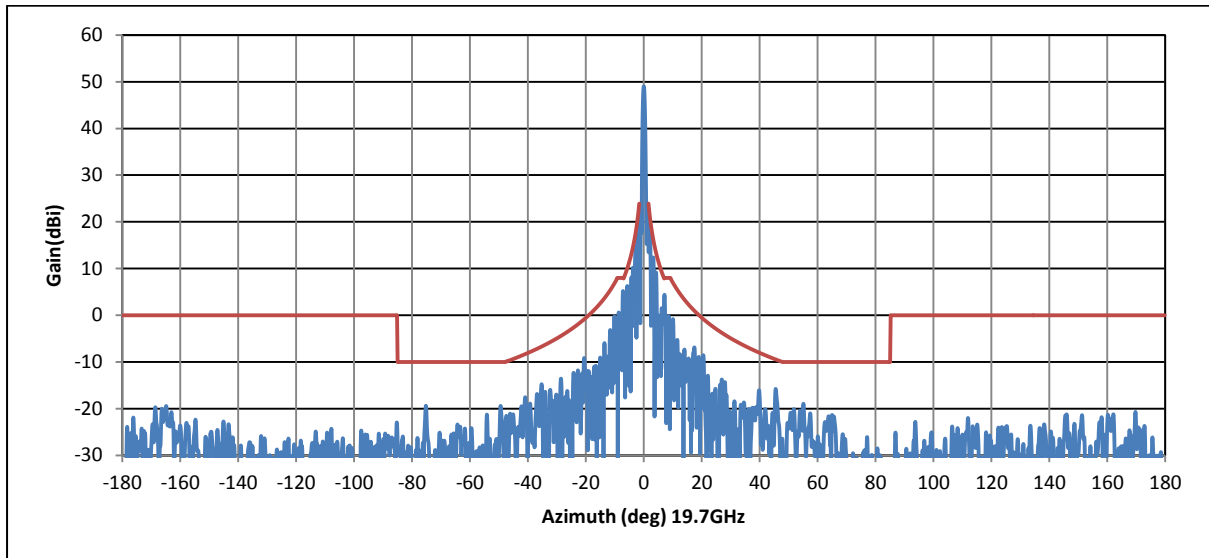


Figure 17 - Plot for 19.95 GHz

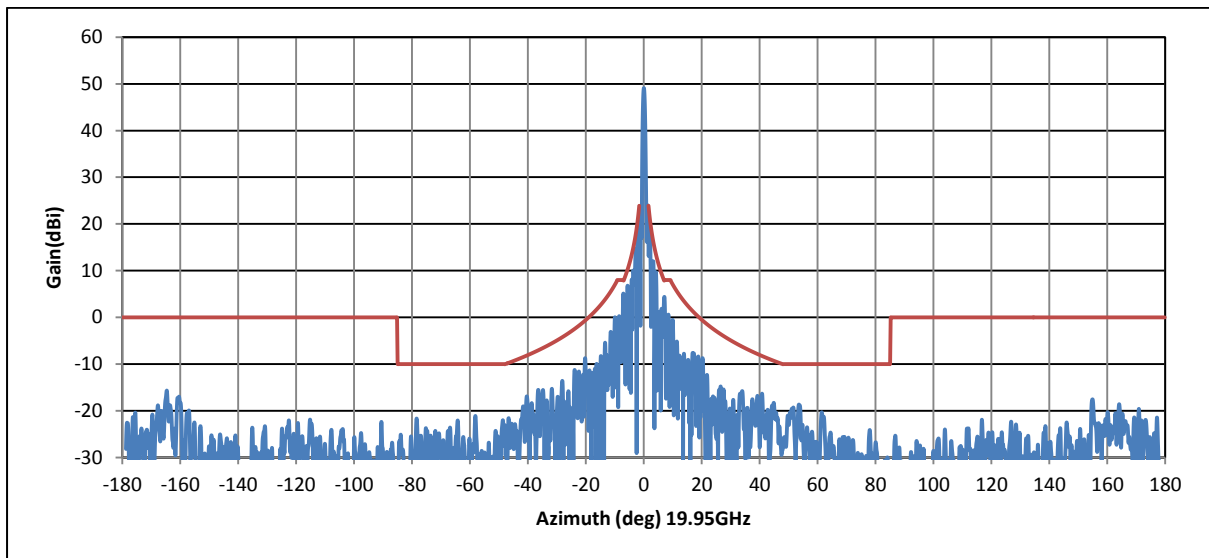
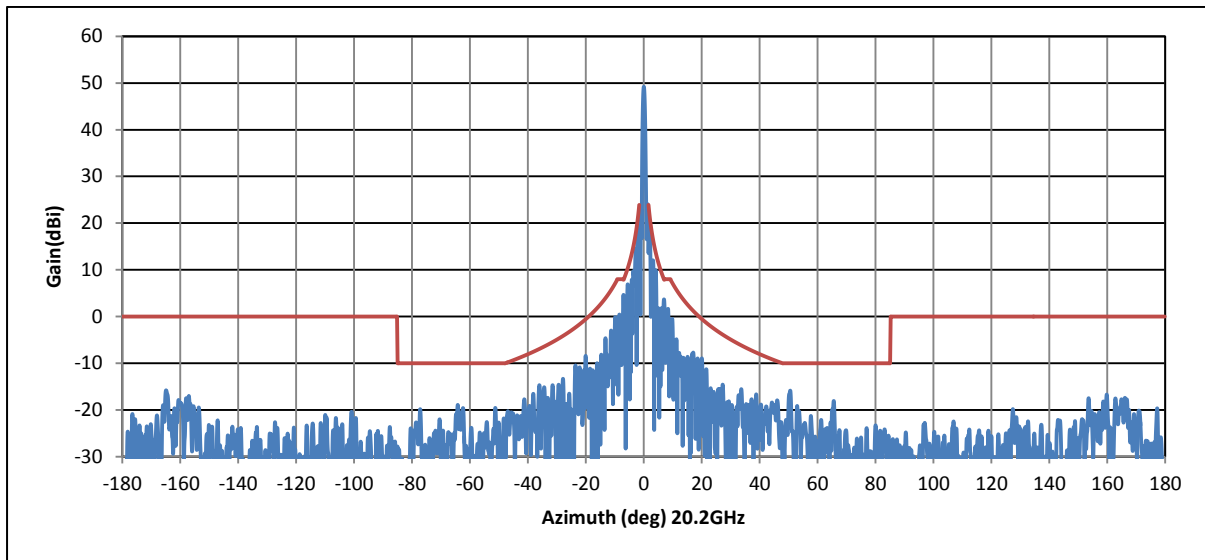


Figure 18 - Plot for 20.2 GHz



1.2.2 Plots for Azimuth Co-Pol (Range: {-10 : 10} deg)

Figure 19 - Plot for 19.7 GHz

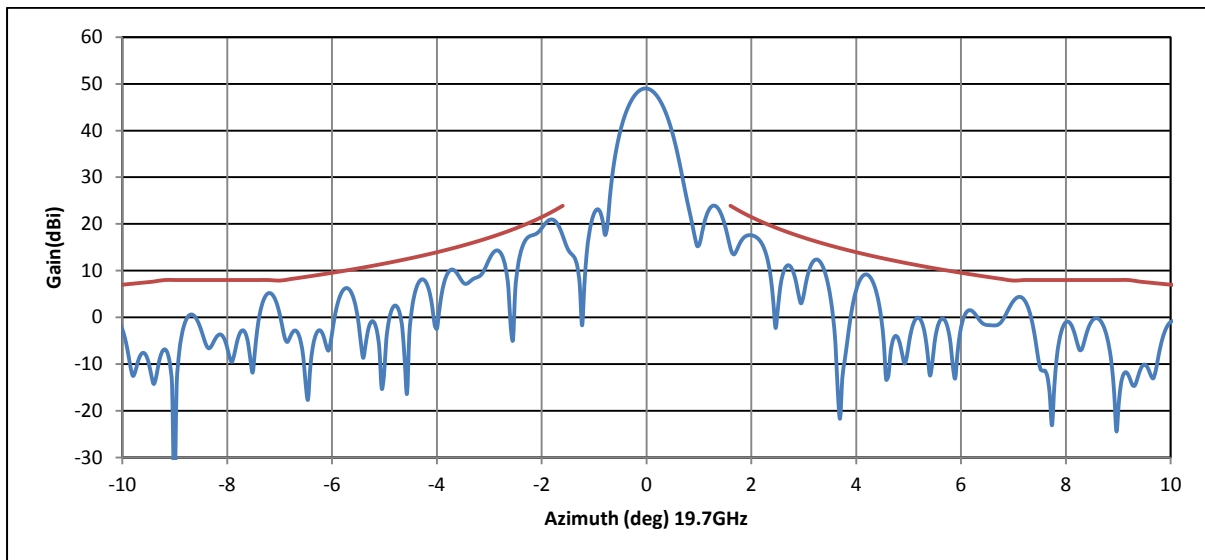


Figure 20 - Plot for 19.95 GHz

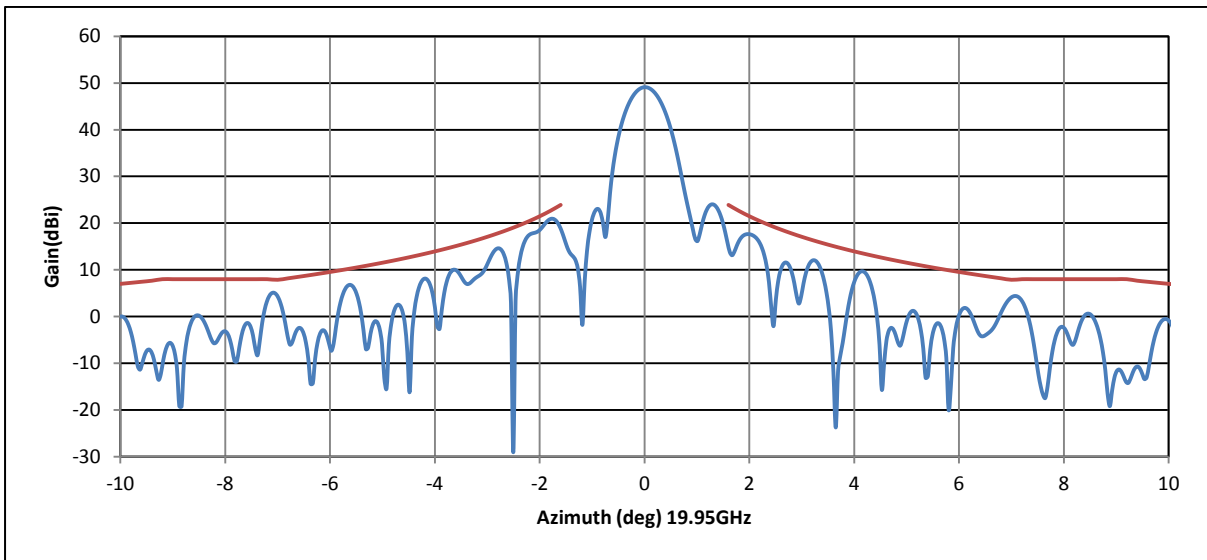
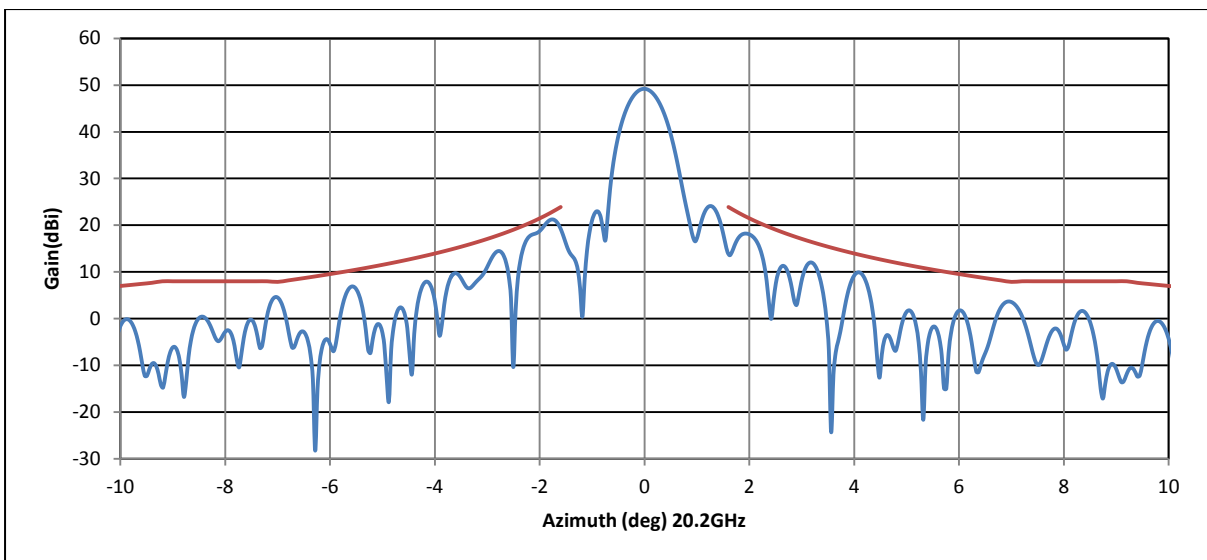


Figure 21 - Plot for 20.2 GHz



1.2.3 Plots for Elevation Co-Pol (Range: {0 : 30} deg)

Figure 22 - Plot for 19.7 GHz

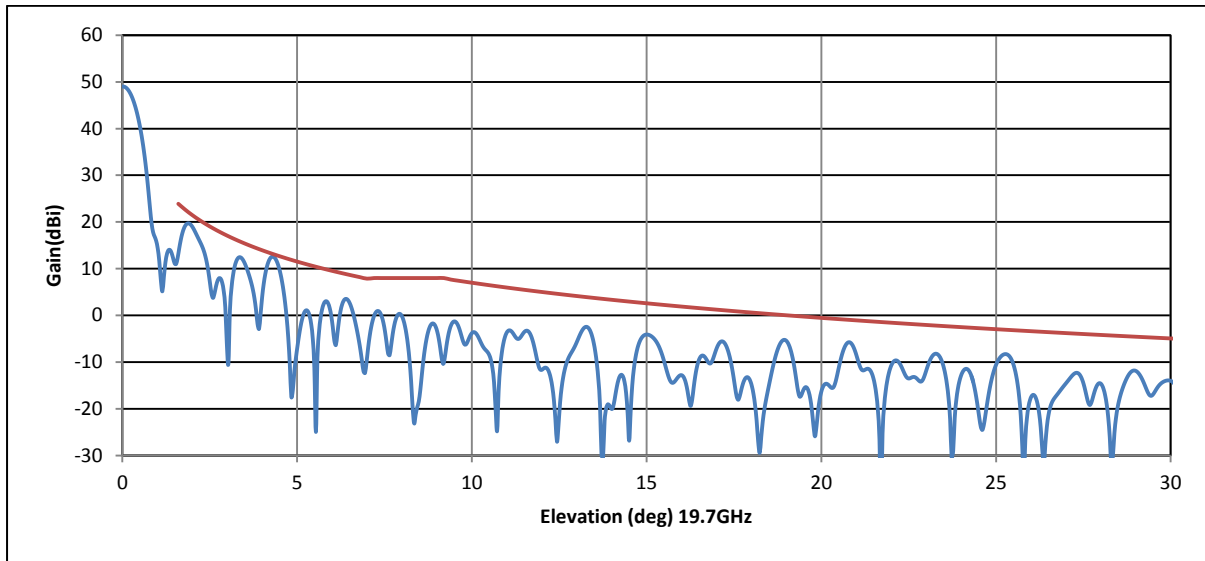


Figure 23 - Plot for 19.95 GHz

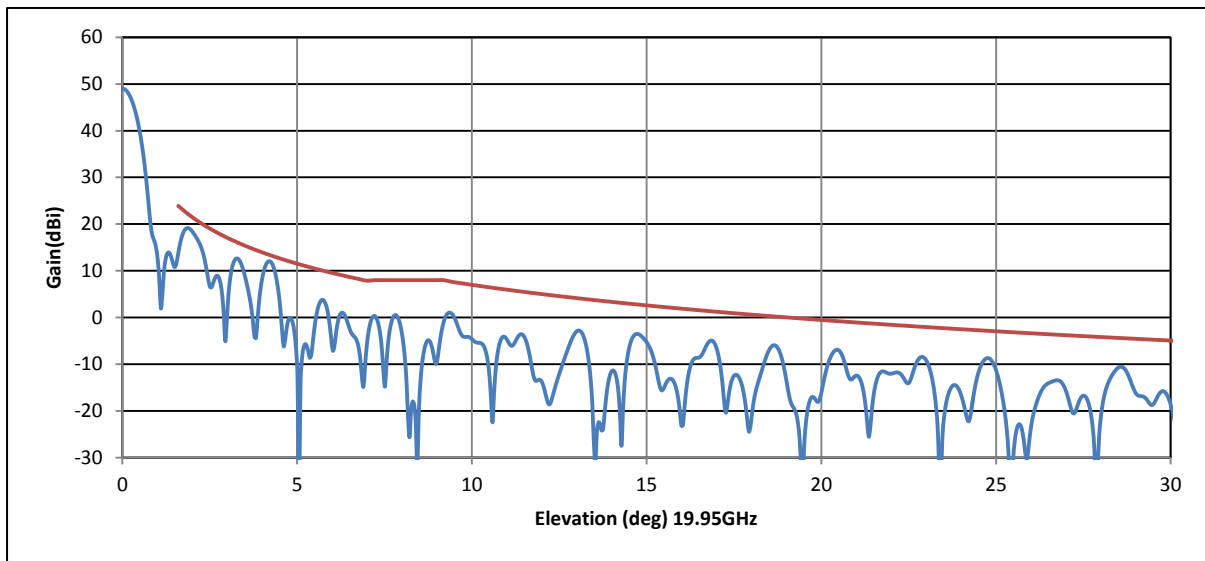
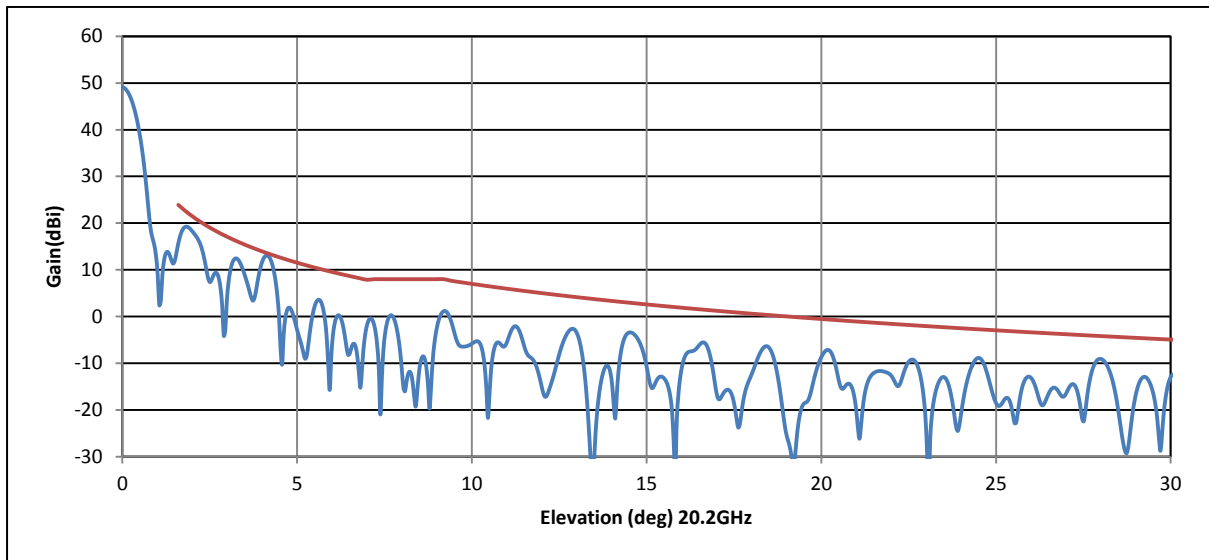


Figure 24 - Plot for 20.2 GHz



1.2.4 Plots for Azimuth X-Pol (Range: {-10 : 10} deg)

Figure 25 - Plot for 19.7 GHz

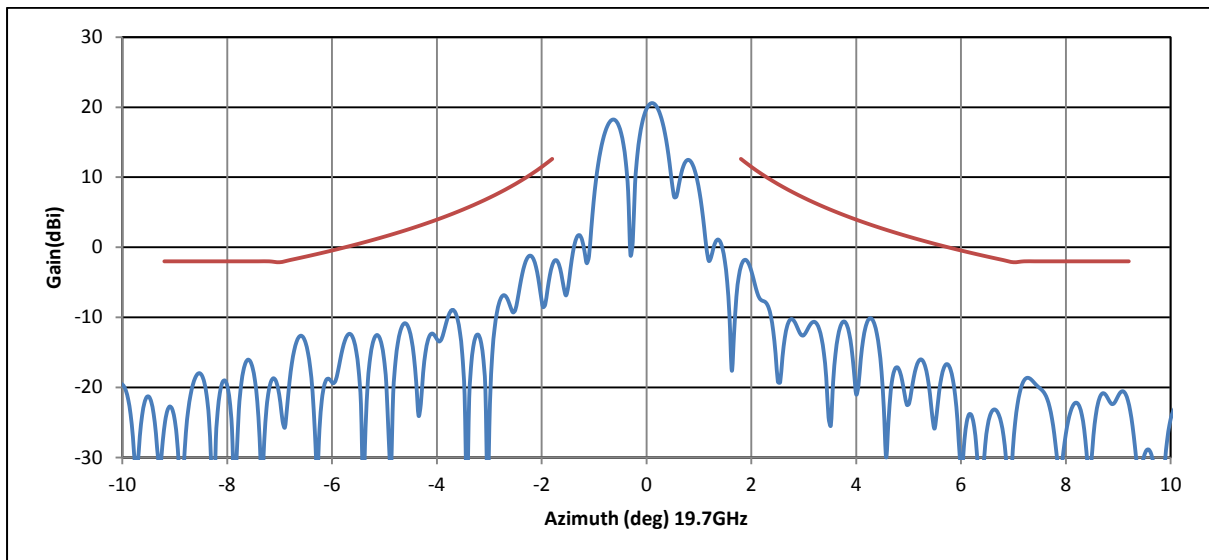


Figure 26 - Plot for 19.95 GHz

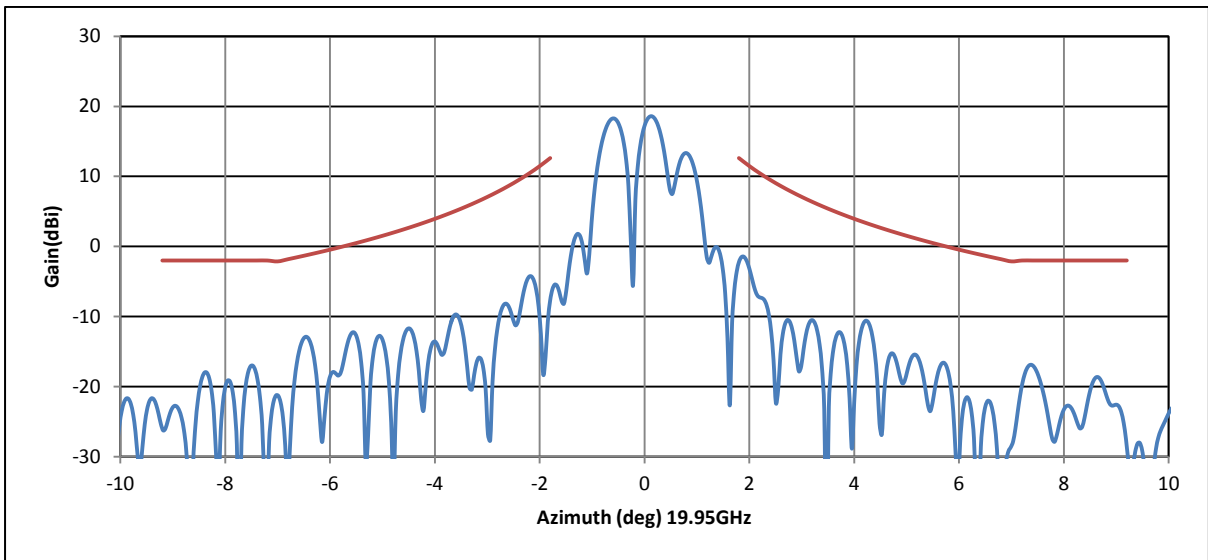
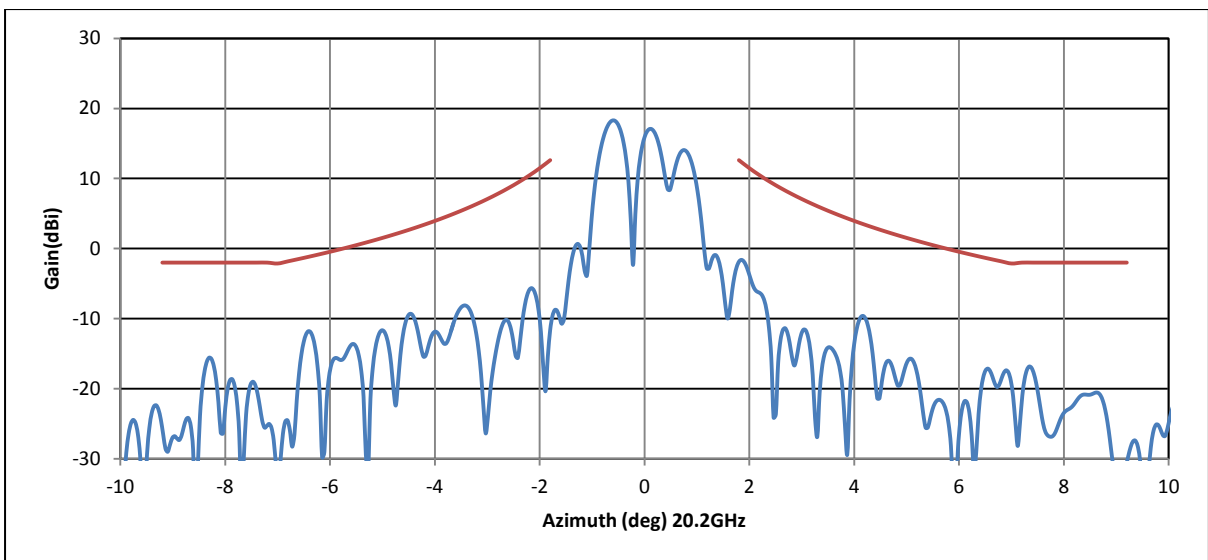


Figure 27 - Plot for 20.2 GHz



1.2.5 Plots for Elevation X-Pol (Range: {-10 : 10} deg)

Figure 28 - Plot for 19.7 GHz

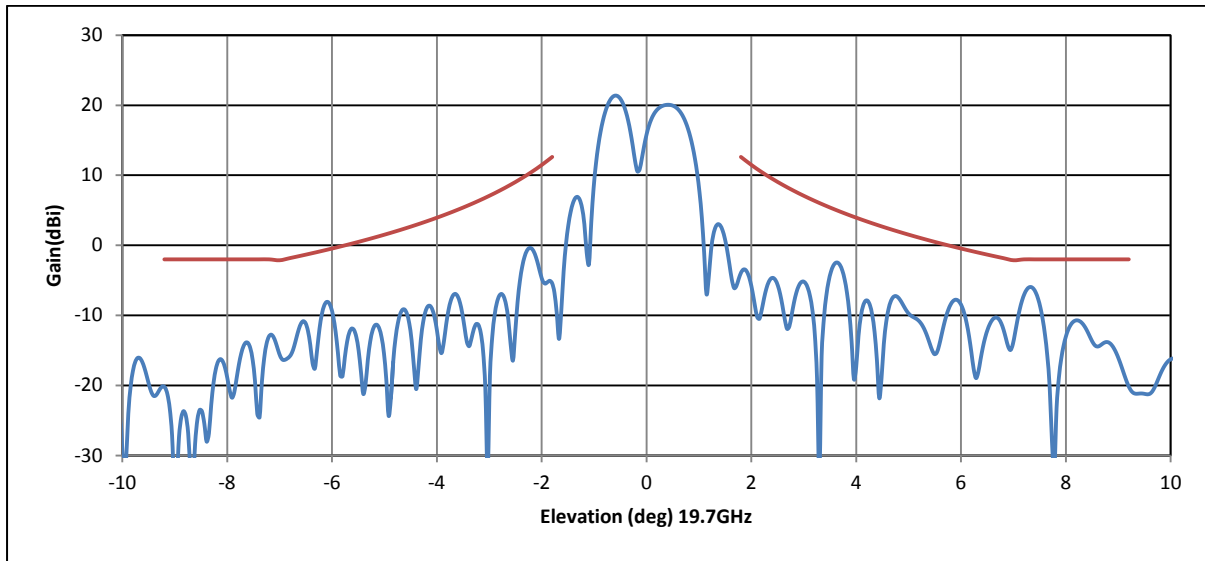


Figure 29 - Plot for 19.95 GHz

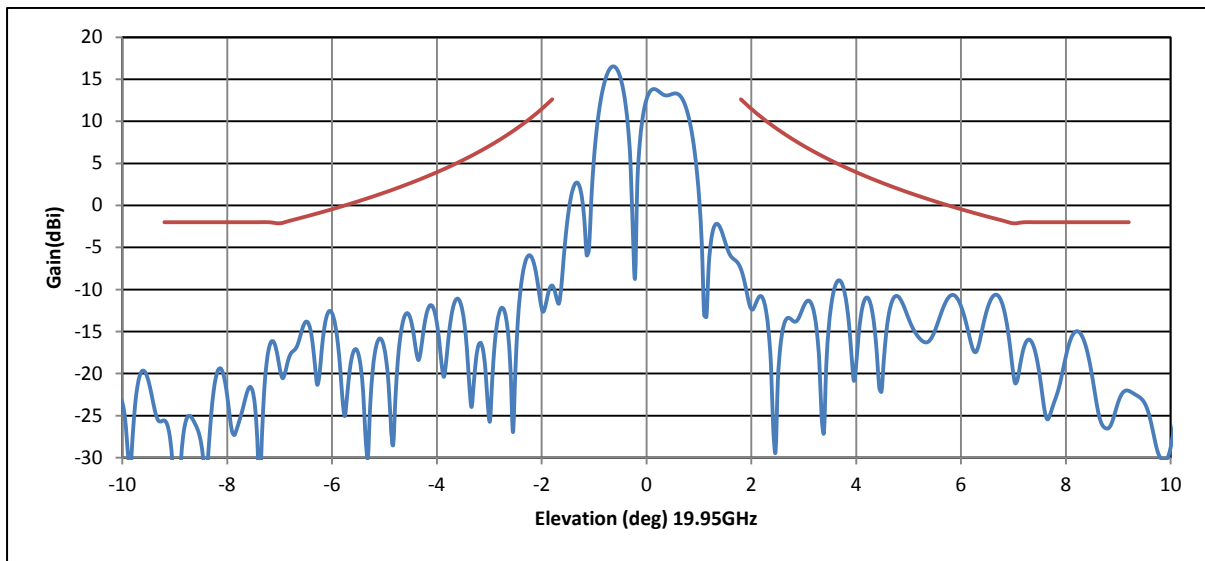


Figure 30 - Plot for 20.2 GHz

