1/2 BPSK (1500kbps) - 13750MHz - Unwanted Emission at Antenna Terminal
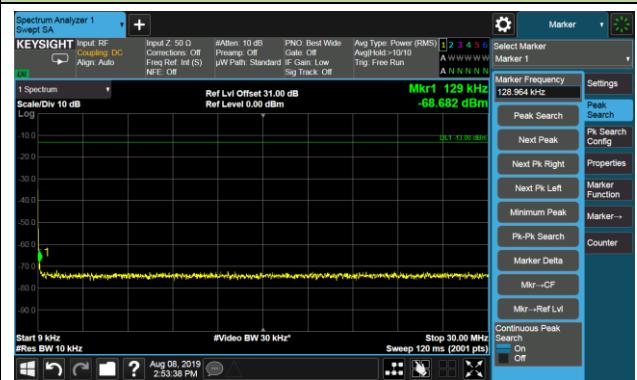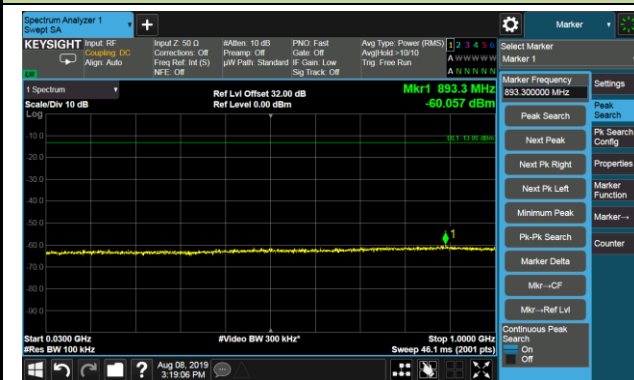
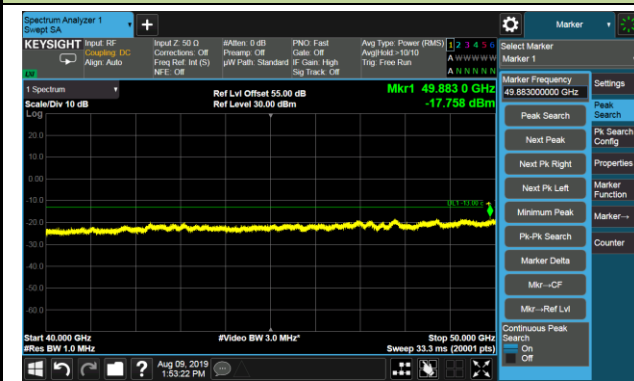| In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.71 - 25 = 8.71dBm;

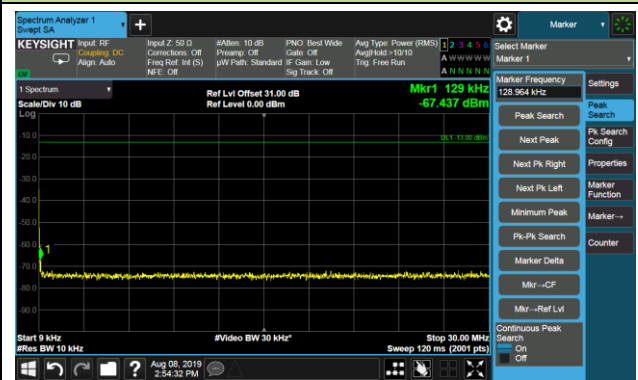For 100% - 250% of Authorization Bandwidth = 33.71 - 35 = -1.29dBm;

For above 250% of Authorization Bandwidth = 33.71 - [43 + 10 $\log_{10}$ (2.350)] = -13dBm.

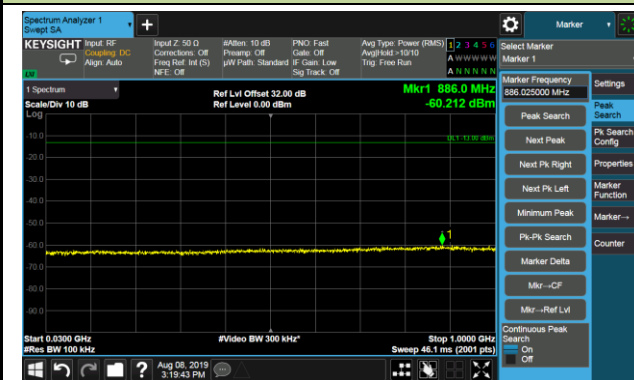## 1/2 BPSK (1500kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.19 - 25 = 9.19dBm;

For 100% - 250% of Authorization Bandwidth = 34.19 - 35 = -0.81dBm;

For above 250% of Authorization Bandwidth = 34.19 - [43 + 10 $\log_{10}$ (2.624)] = -13dBm.

1/2 BPSK (1500kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
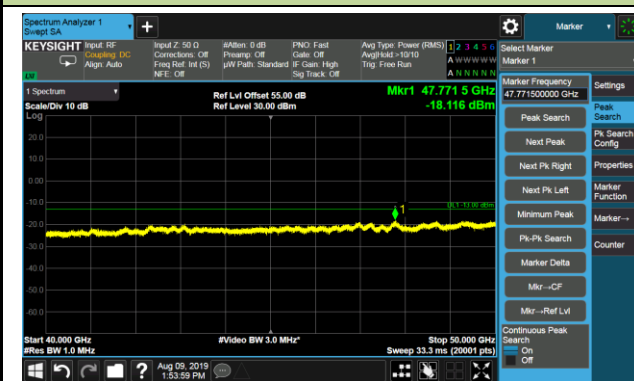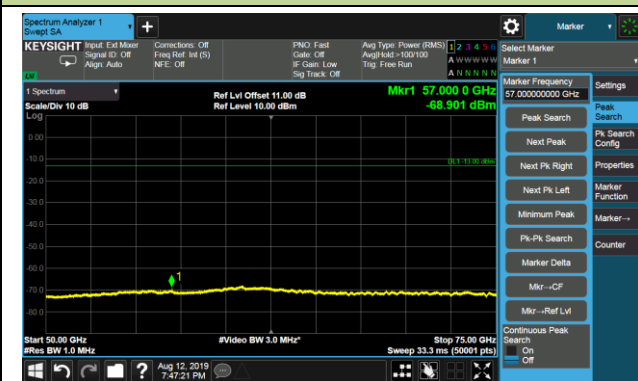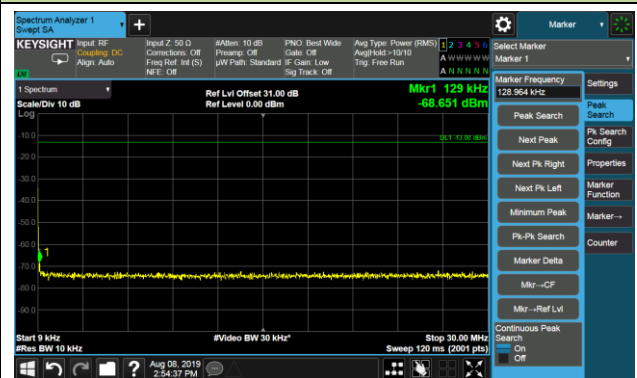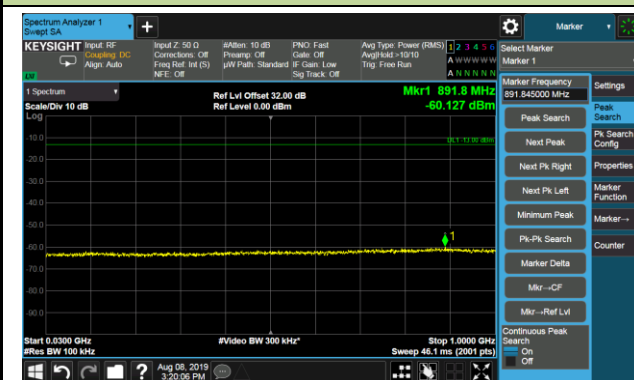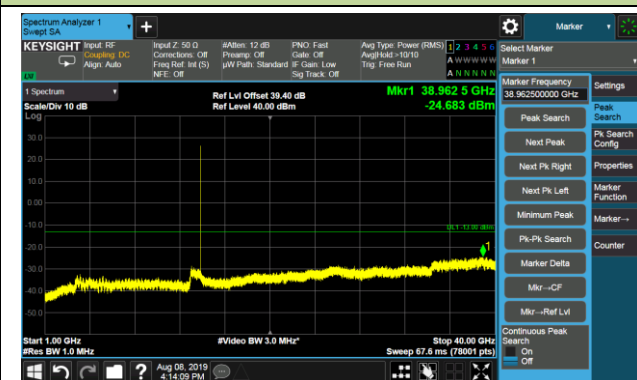
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.41 - 25 = 8.41dBm;

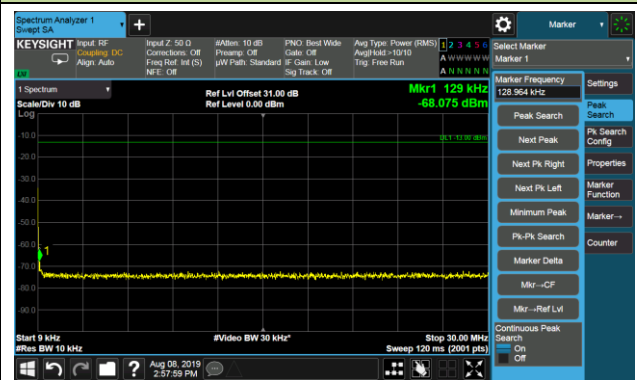For 100% - 250% of Authorization Bandwidth = 33.41 - 35 = -1.59dBm;

For above 250% of Authorization Bandwidth = 33.41 - [43 + 10 $\log_{10}$ (2.193)] = -13dBm.

5/16 BPSK (937.5kbps) - 13750MHz - Unwanted Emission at Antenna Terminal	
In-band Mask	**9kHz - 30MHz**
30MHz - 1GHz	**1GHz - 40GHz**
40GHz - 50GHz	**50GHz - 75GHz**

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.72 - 25 = 8.72dBm;

For 100% - 250% of Authorization Bandwidth = 33.72 - 35 = -1.28dBm;

For above 250% of Authorization Bandwidth = 33.72 - [43 + 10 $\log_{10}$ (2.355)] = -13dBm.

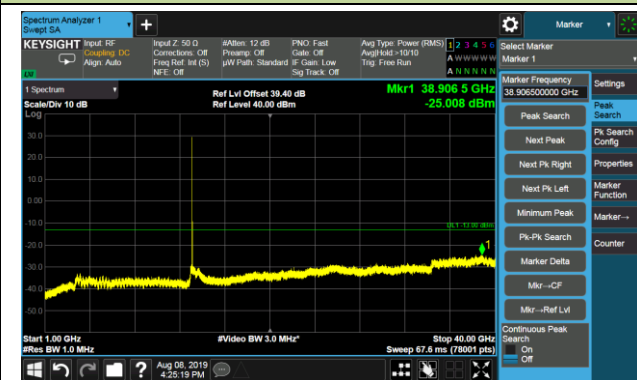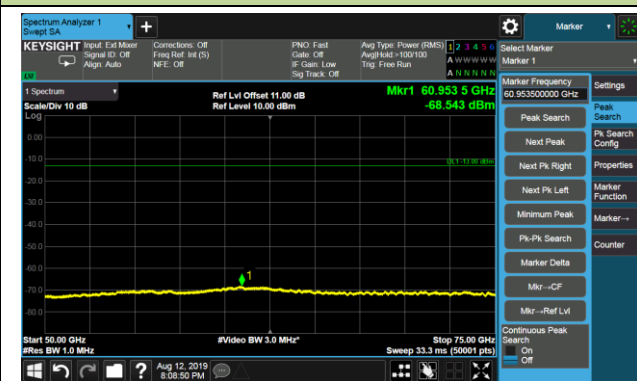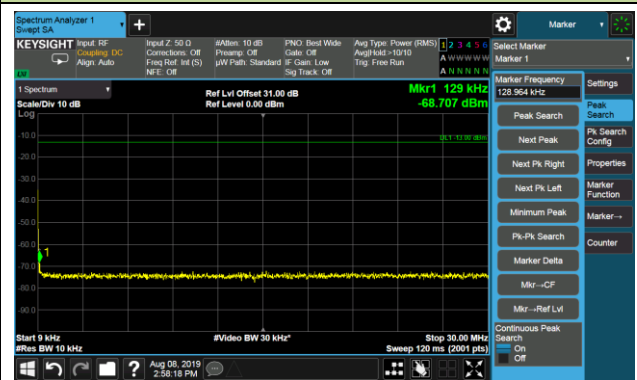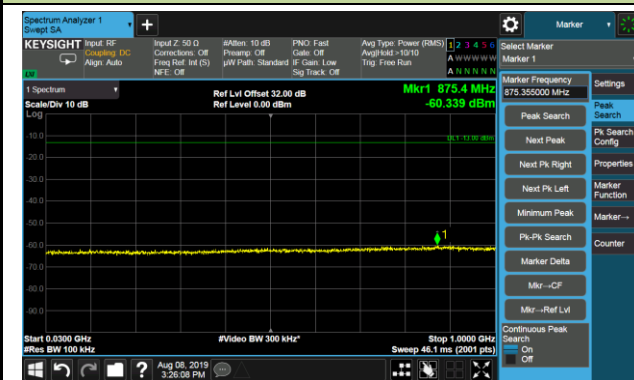## 5/16 BPSK (937.5kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.19 - 25 = 9.19dBm;

For 100% - 250% of Authorization Bandwidth = 34.19 - 35 = -0.81dBm;

For above 250% of Authorization Bandwidth = 34.19 - [43 + 10 $\log_{10}$ (2.624)] = -13dBm.

5/16 BPSK (937.5kbps) - 14500MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

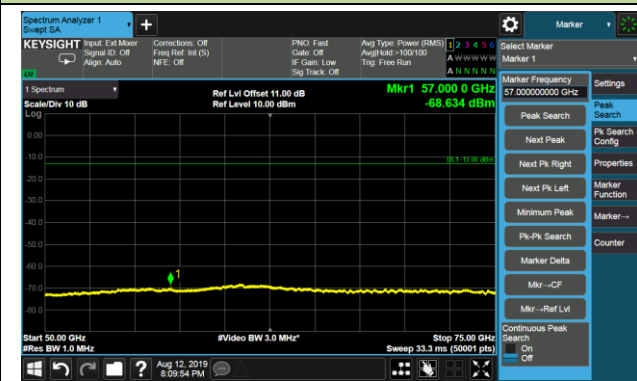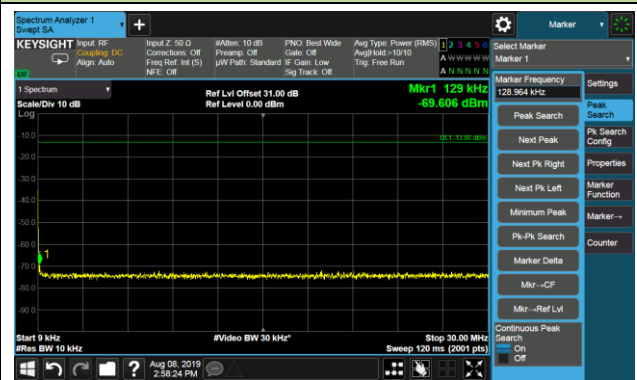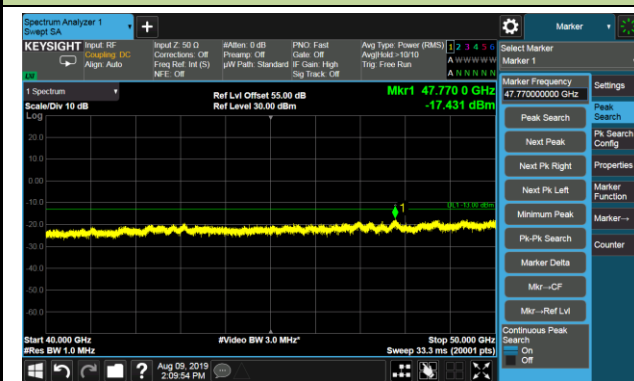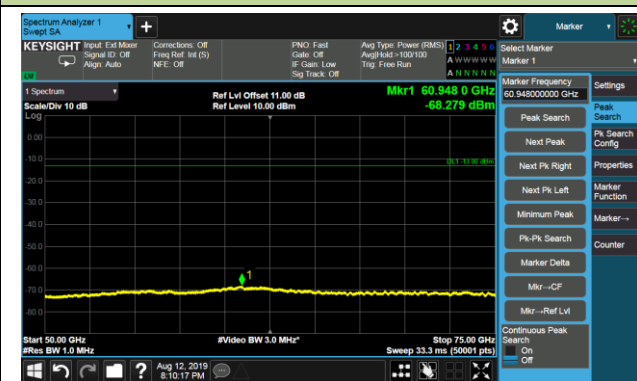| 30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.41 - 25 = 8.41dBm;

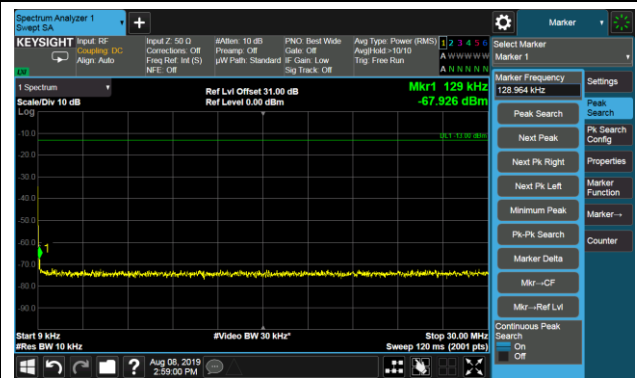For 100% - 250% of Authorization Bandwidth = 33.41 - 35 = -1.59dBm;

For above 250% of Authorization Bandwidth = 33.41 - [43 + 10 $\log_{10}$ (2.193)] = -13dBm.

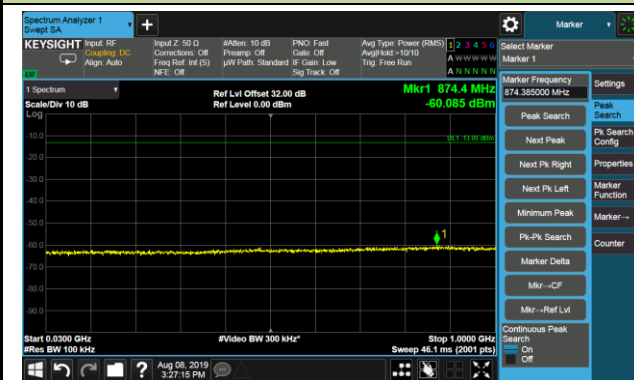## 21/44 BPSK (1431.82kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.73 - 25 = 8.73dBm;

For 100% - 250% of Authorization Bandwidth = 33.73 - 35 = -1.27dBm;

For above 250% of Authorization Bandwidth = 33.73 - [43 + 10 $\log_{10}$ (2.360)] = -13dBm.

21/44 BPSK (1431.82kbps) - 14250MHz - Unwanted Emission at Antenna Terminal
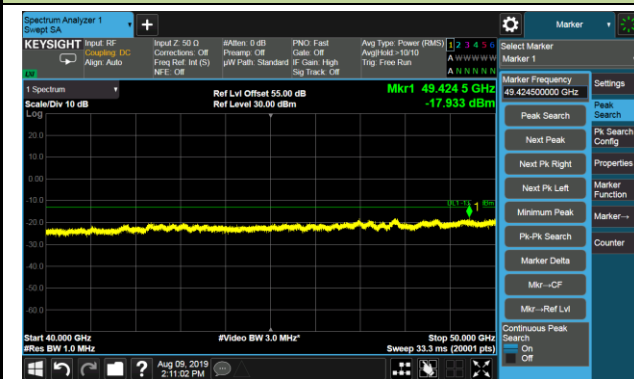
In-band Mask	9kHz - 30MHz

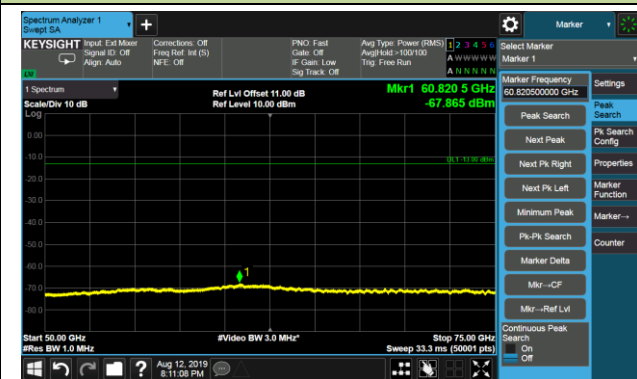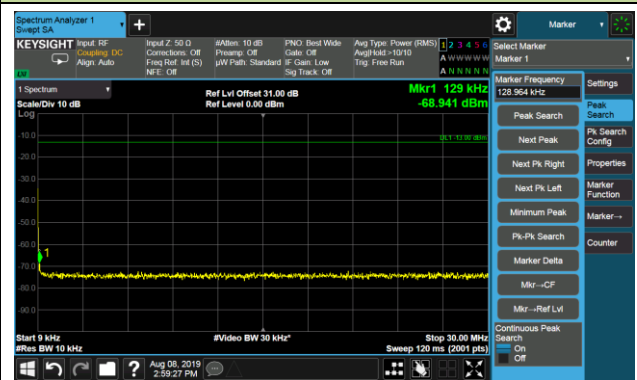| 30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.21 - 25 = 9.21dBm;

For 100% - 250% of Authorization Bandwidth = 34.21 - 35 = -0.79dBm;

For above 250% of Authorization Bandwidth = 34.21 - [43 + 10 $\log_{10}$ (2.636)] = -13dBm.

21/44 BPSK (1431.82kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
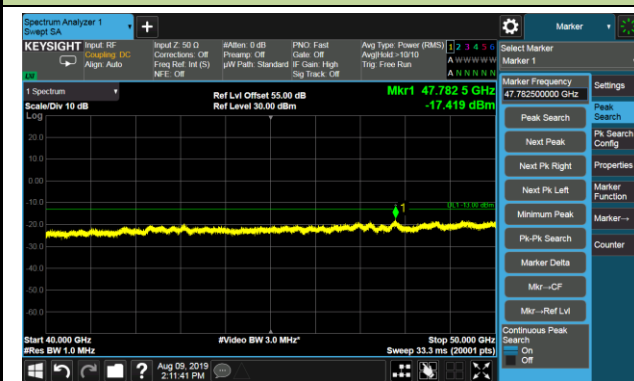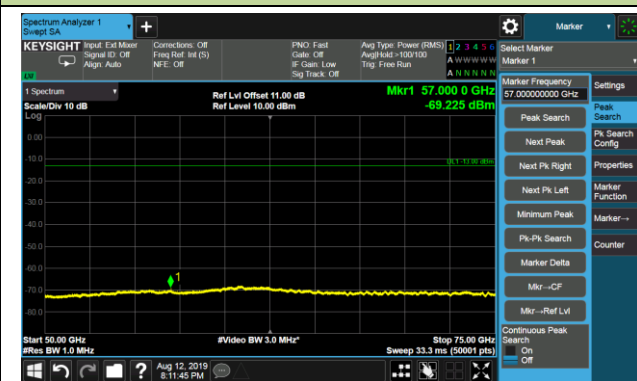
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

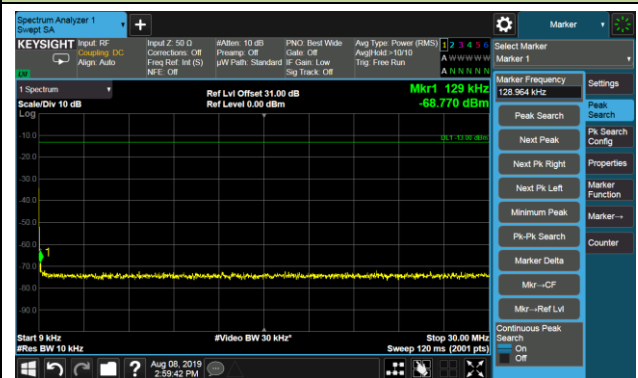| 40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.42 - 25 = 8.42dBm;

For 100% - 250% of Authorization Bandwidth = 33.42 - 35 = -1.58dBm;
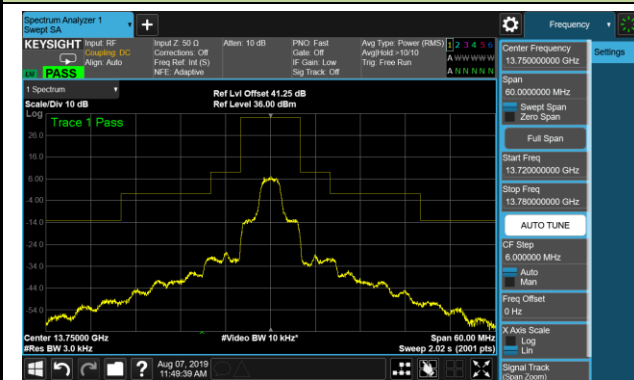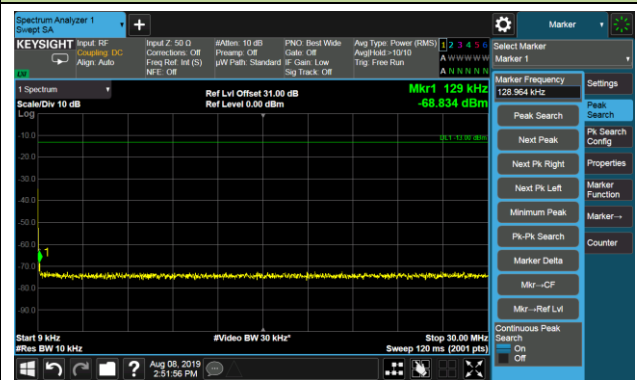
For above 250% of Authorization Bandwidth = 33.42 - [43 + 10 $\log_{10}$ (2.198)] = -13dBm.

QPSK (5000kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:
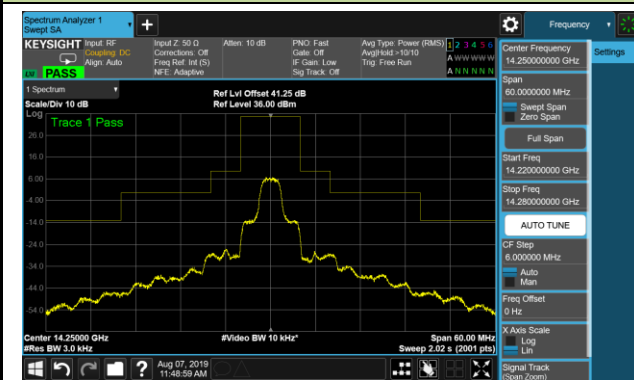
For 50% - 100% of Authorization Bandwidth = 34.18 - 25 = 9.18dBm;

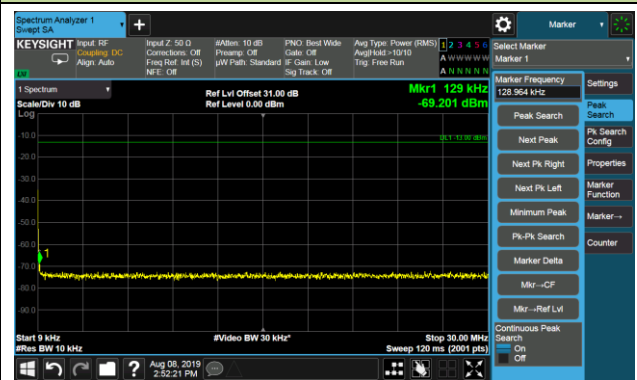For 100% - 250% of Authorization Bandwidth = 34.18 - 35 = -0.82dBm;

For above 250% of Authorization Bandwidth = 34.18 - [43 + 10 $\log_{10}$ (2.618)] = -13dBm.

QPSK (5000kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

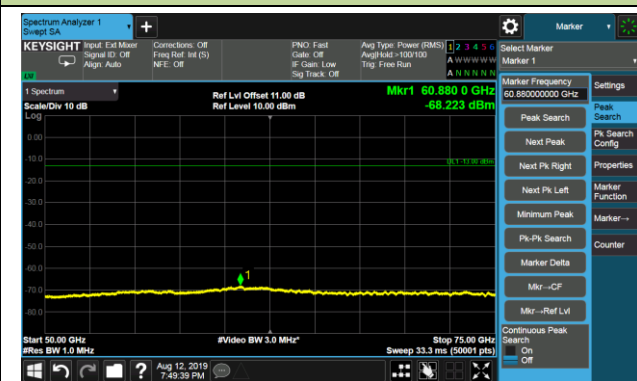| In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.66 - 25 = 9.66dBm;

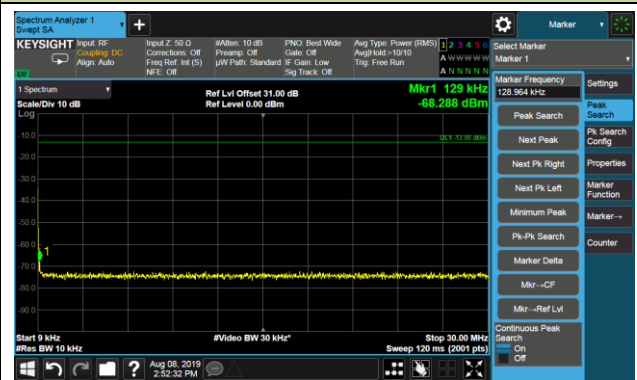For 100% - 250% of Authorization Bandwidth = 34.66 - 35 = -0.34dBm;

For above 250% of Authorization Bandwidth = 34.66 - [43 + 10 $\log_{10}$ (2.924)] = -13dBm.

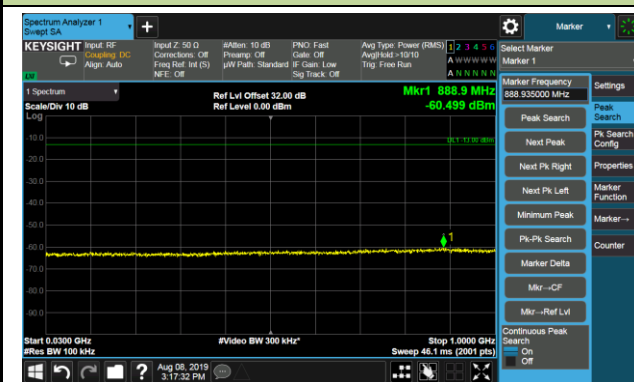## QPSK (5000kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
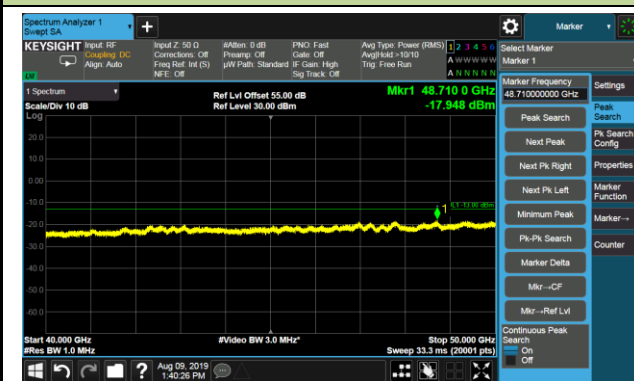
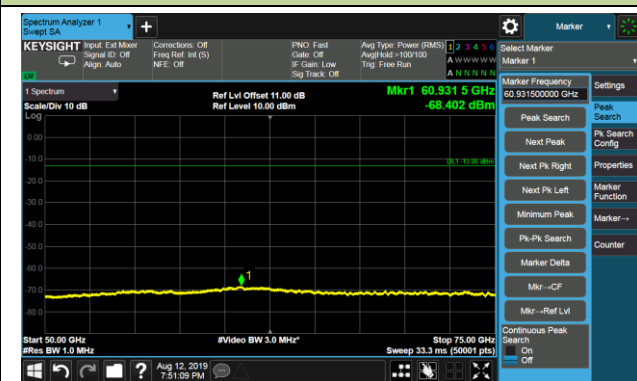| In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.92 - 25 = 8.92dBm;

For 100% - 250% of Authorization Bandwidth = 33.92 - 35 = -1.08dBm;

For above 250% of Authorization Bandwidth = 33.92 - [43 + 10 $\log_{10}$ (2.466)] = -13dBm.