21/44 BPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal
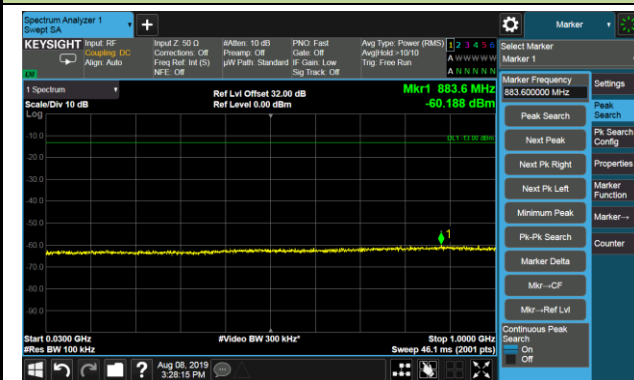
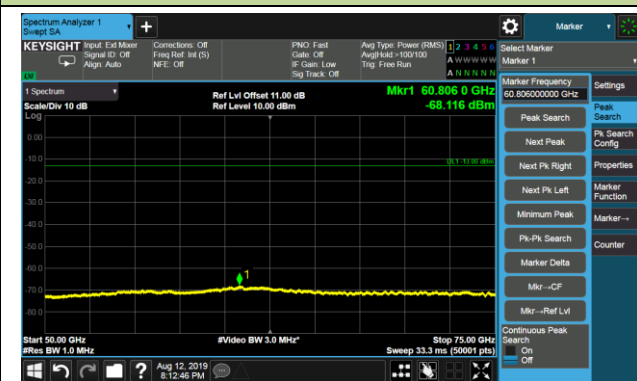| In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 2MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.38 - 25 = 9.38dBm;

For 100% - 250% of Authorization Bandwidth = 34.38 - 35 = -0.62dBm;

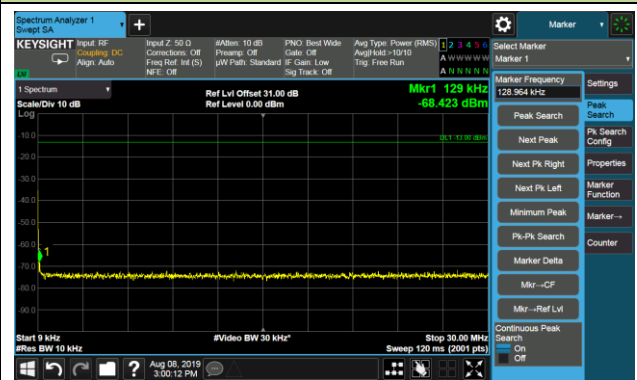For above 250% of Authorization Bandwidth = 34.38 - [43 + 10 $\log_{10}$ (2.742)] = -13dBm.

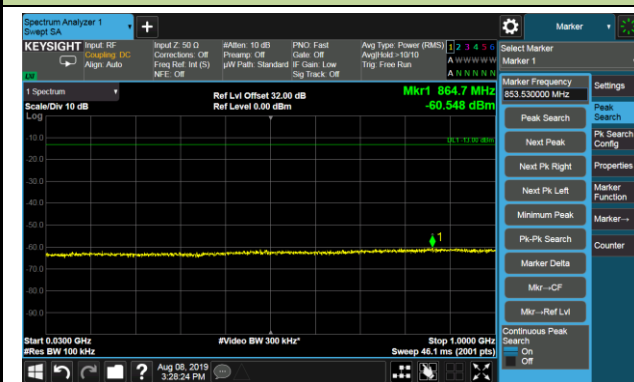## 21/44 BPSK (256kbps) - 14250MHz - Unwanted Emission at Antenna Terminal
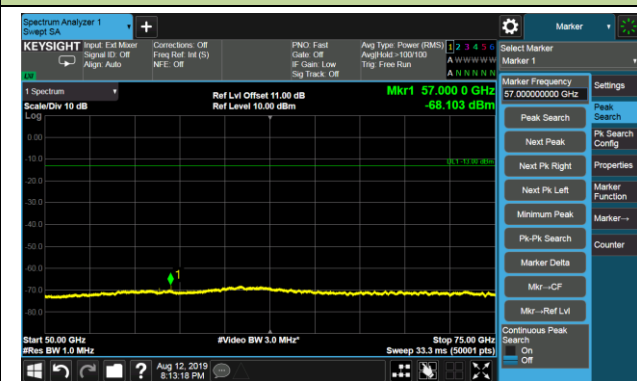
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 2MHz.
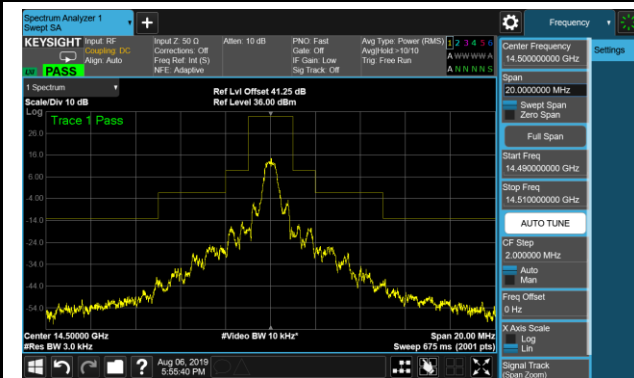
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.83 - 25 = 9.83dBm;

For 100% - 250% of Authorization Bandwidth = 34.83 - 35 = -0.17dBm;
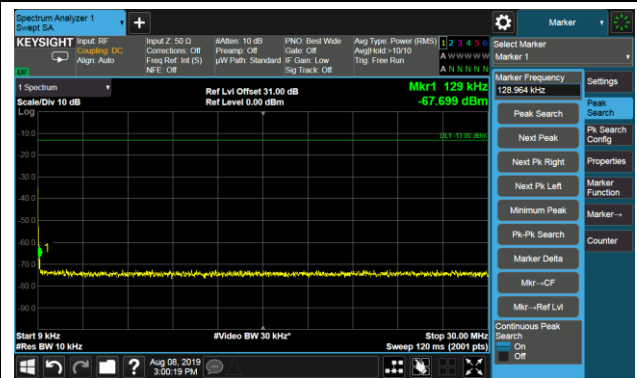
For above 250% of Authorization Bandwidth = 34.83 - [43 + 10 $\log_{10}$ (3.041)] = -13dBm.

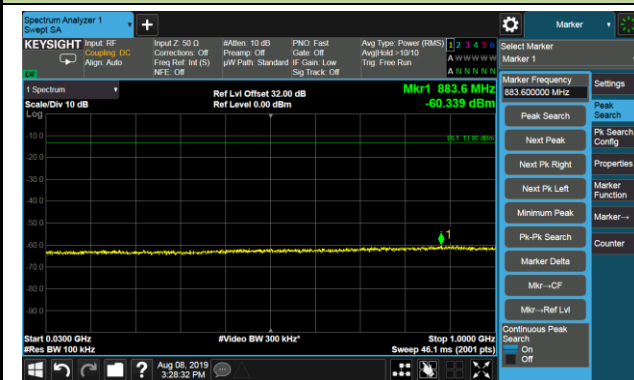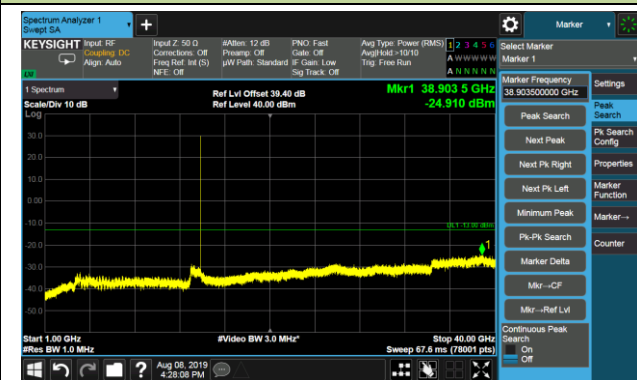## 21/44 BPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
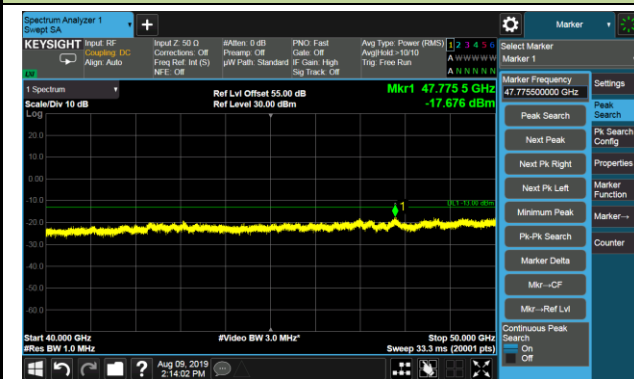
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 2MHz.
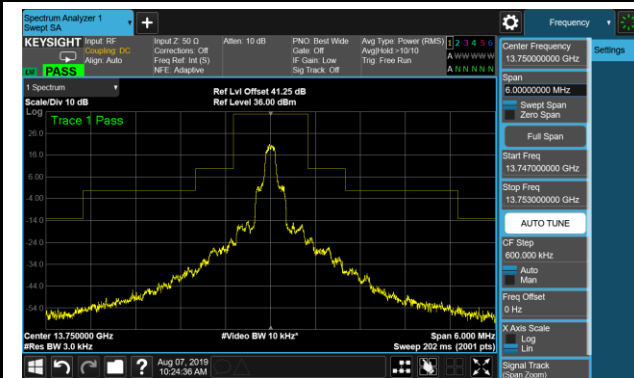
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.86 - 25 = 8.86dBm;

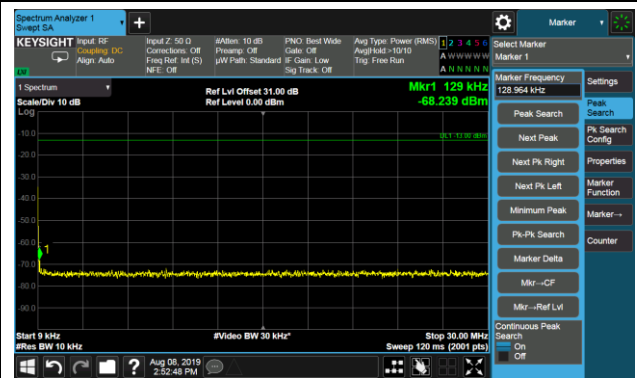For 100% - 250% of Authorization Bandwidth = 33.86 - 35 = -1.14dBm;

For above 250% of Authorization Bandwidth = 33.86 - [43 + 10 $\log_{10}$ (2.432)] = -13dBm.

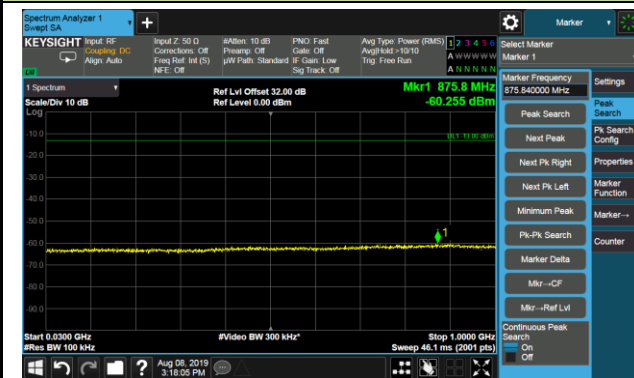## QPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal
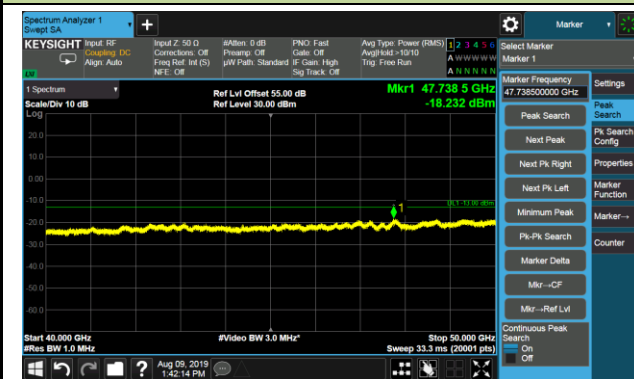
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:
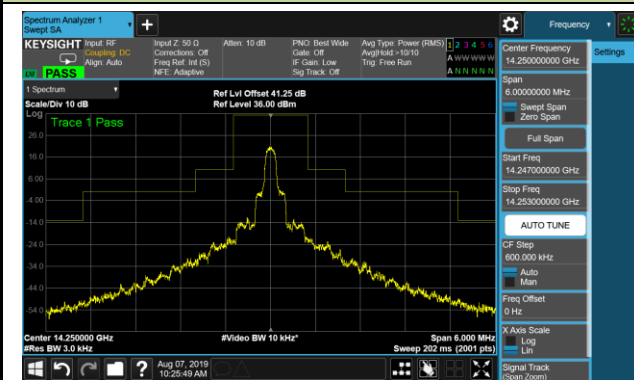
For 50% - 100% of Authorization Bandwidth = 34.79 - 25 = 9.79dBm;

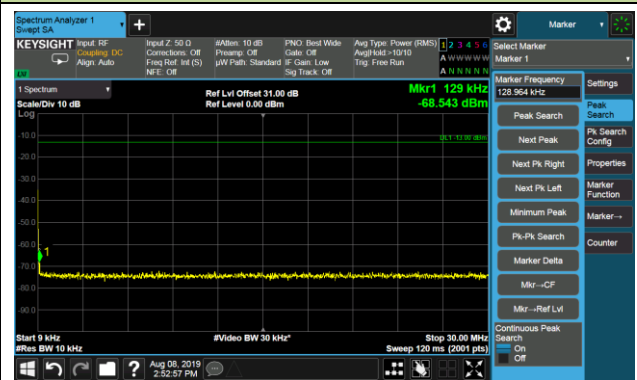For 100% - 250% of Authorization Bandwidth = 34.79 - 35 = -0.21dBm;

For above 250% of Authorization Bandwidth = 34.79 - [43 + 10 $\log_{10}$ (3.013)] = -13dBm.

QPSK (256kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 35.28 - 25 = 10.28dBm;

For 100% - 250% of Authorization Bandwidth = 35.28 - 35 = 0.28dBm;

For above 250% of Authorization Bandwidth = 35.28 - [43 + 10 $\log_{10}$ (3.373)] = -13dBm.

QPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
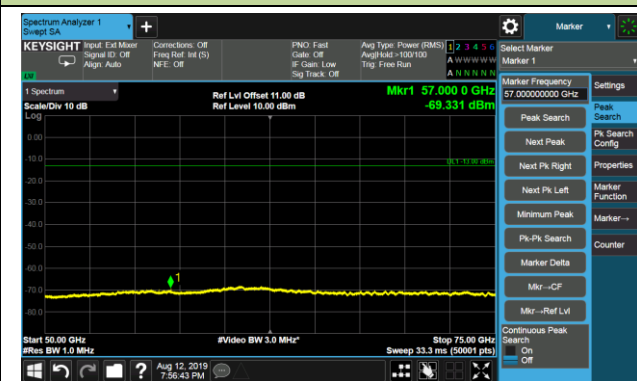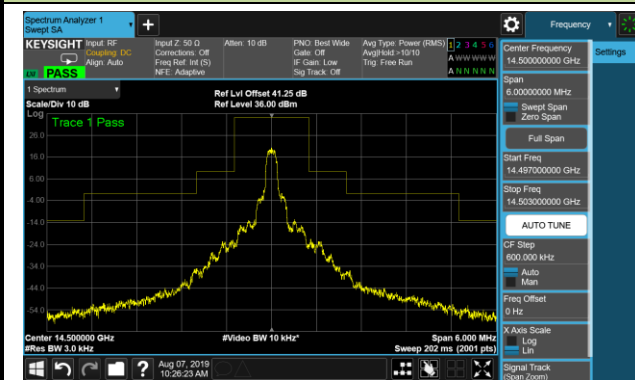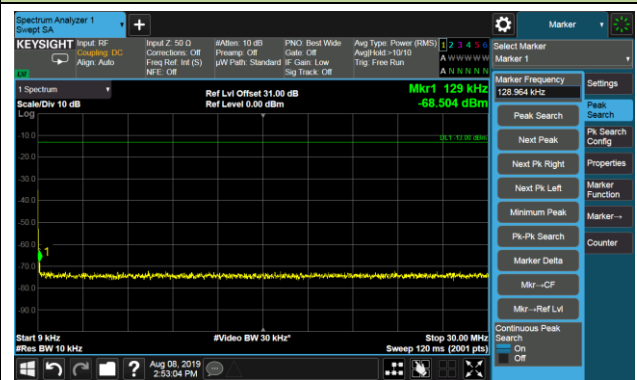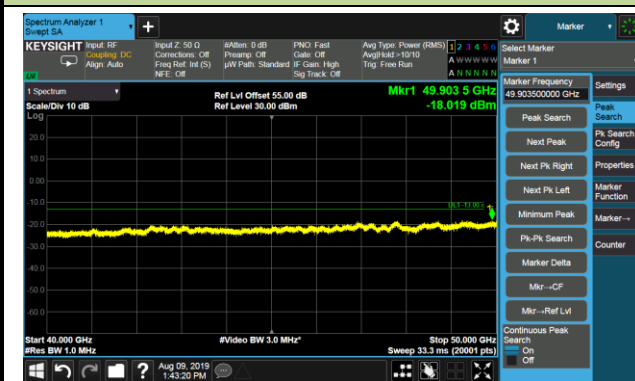
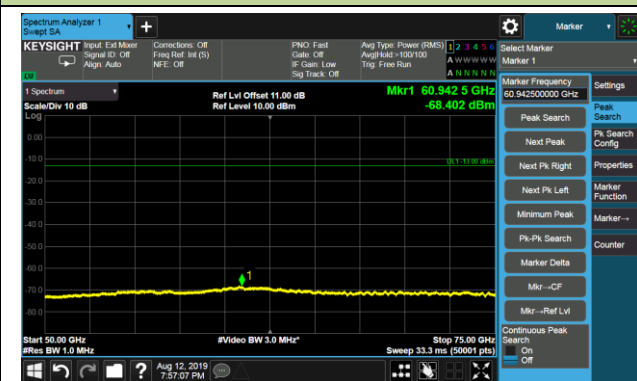| In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.32 - 25 = 9.32dBm;

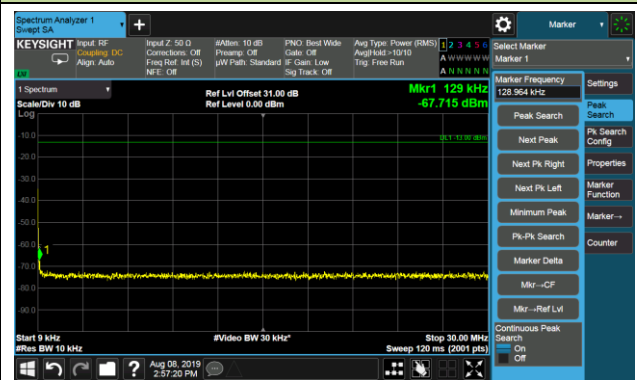For 100% - 250% of Authorization Bandwidth = 34.32 - 35 = -0.68dBm;

For above 250% of Authorization Bandwidth = 34.32 - [43 + 10 $\log_{10}$ (2.704)] = -13dBm.

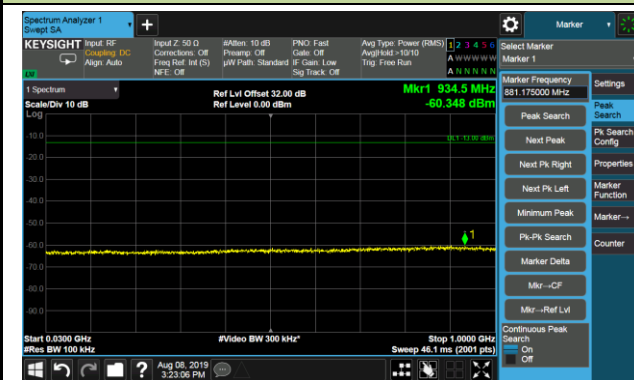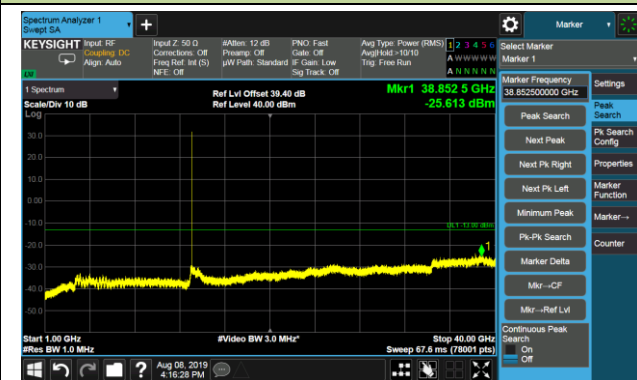## 1/2 QPSK (256kbps) -13750MHz - Unwanted Emission at Antenna Terminal
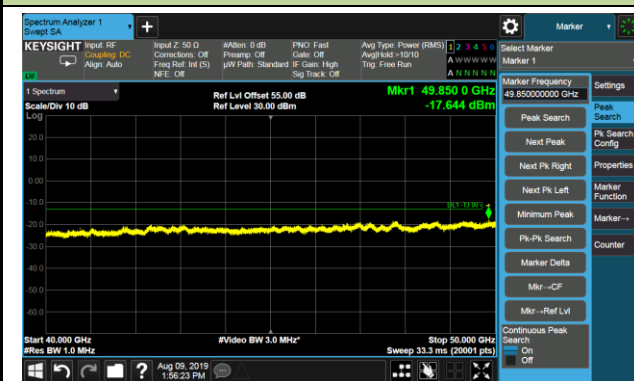
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.79 - 25 = 9.79dBm;

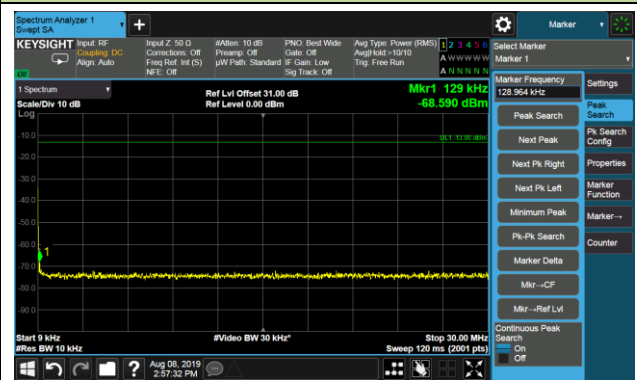For 100% - 250% of Authorization Bandwidth = 34.79 - 35 = -0.21dBm;

For above 250% of Authorization Bandwidth = 34.79 - [43 + 10 $\log_{10}$ (3.013)] = -13dBm.

1/2 QPSK (256kbps) -14250MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 35.26 - 25 = 10.26dBm;

For 100% - 250% of Authorization Bandwidth = 35.26 - 35 = 0.26dBm;

For above 250% of Authorization Bandwidth = 35.26 - [43 + 10 $\log_{10}$ (3.357)] = -13dBm.

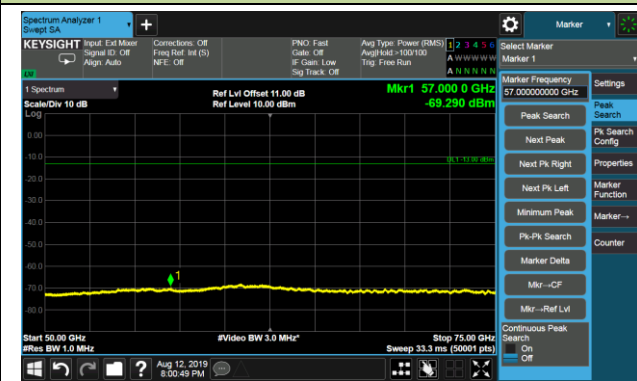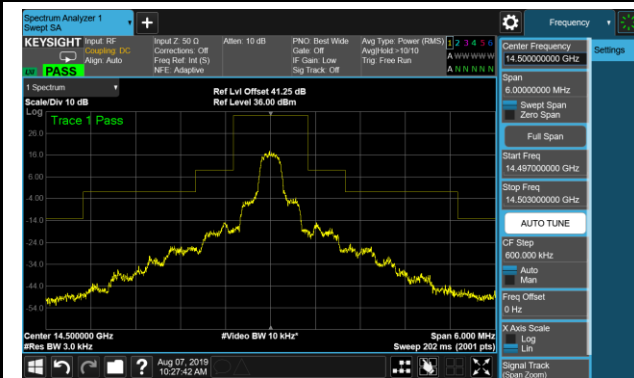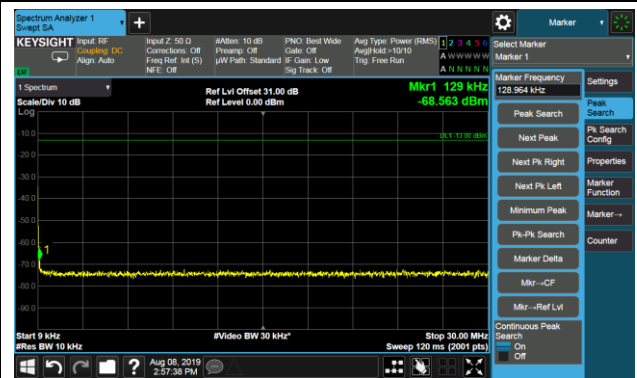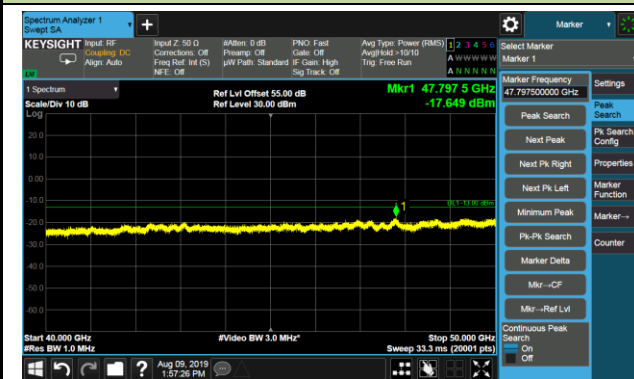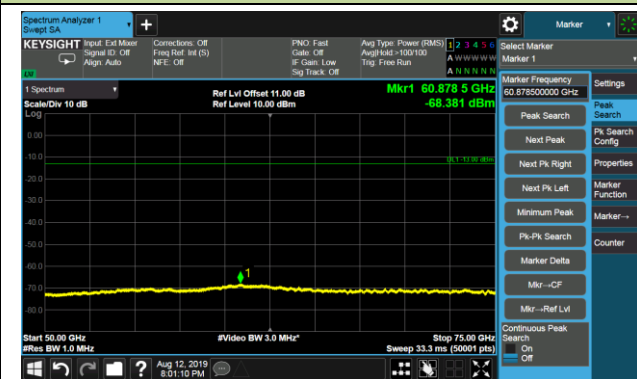| 1/2 QPSK (256kbps) -14500MHz - Unwanted Emission at Antenna Terminal	
In-band Mask	9kHz - 30MHz
30MHz - 1GHz	1GHz - 40GHz
40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.28 - 25 = 9.28dBm;

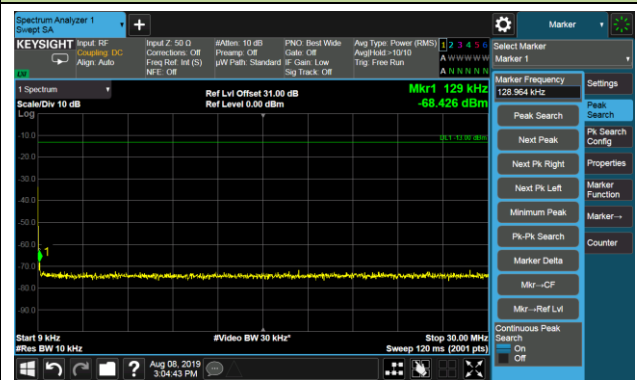For 100% - 250% of Authorization Bandwidth = 34.28 - 35 = -0.72dBm;

For above 250% of Authorization Bandwidth = 34.28 - [43 + 10 $\log_{10}$ (2.679)] = -13dBm.

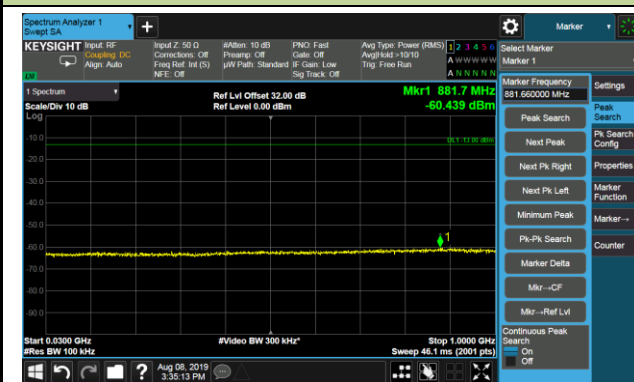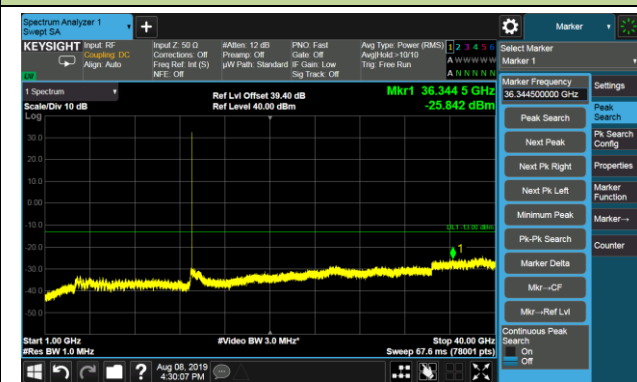## 3/4 QPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal
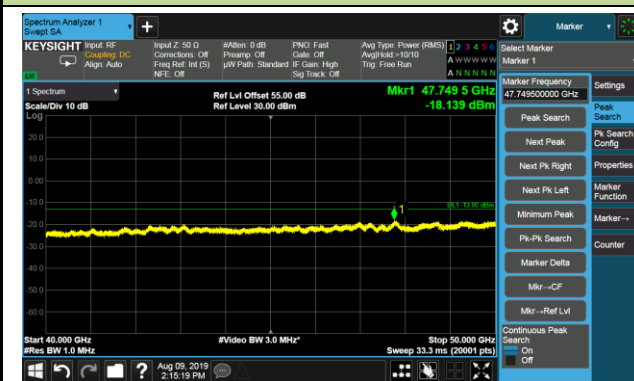
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.
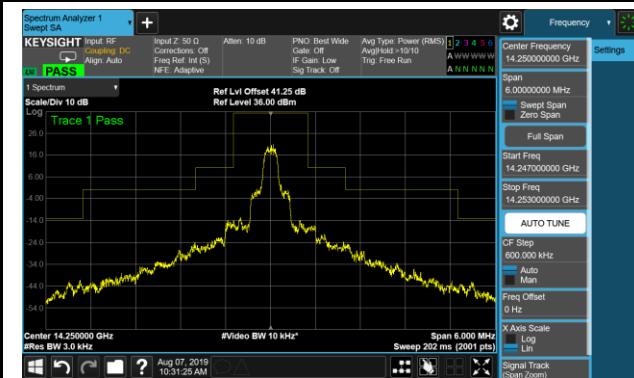
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.83 - 25 = 9.83dBm;

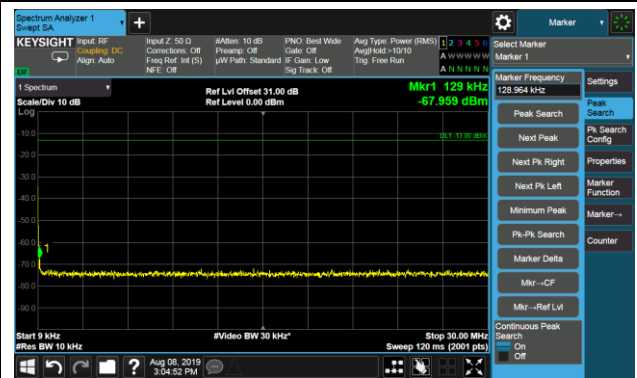For 100% - 250% of Authorization Bandwidth = 34.83 - 35 = -0.17dBm;

For above 250% of Authorization Bandwidth = 34.83 - [43 + 10 $\log_{10}$ (3.041)] = -13dBm.

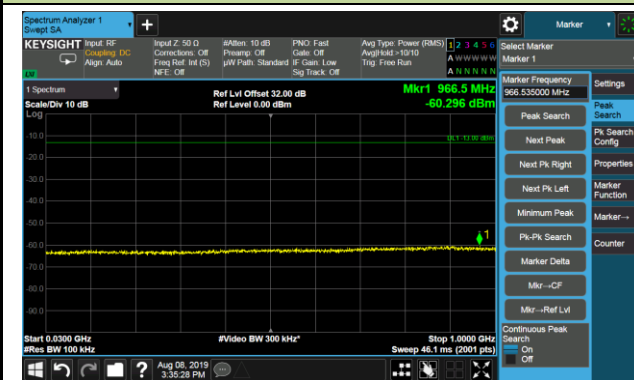| 3/4 QPSK (256kbps) - 14250MHz - Unwanted Emission at Antenna Terminal	
In-band Mask	9kHz - 30MHz
30MHz - 1GHz	1GHz - 40GHz
40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 35.29 - 25 = 10.29dBm;

For 100% - 250% of Authorization Bandwidth = 35.29 - 35 = 0.29dBm;

For above 250% of Authorization Bandwidth = 35.29 - [43 + 10 $\log_{10}$ (3.381)] = -13dBm.

3/4 QPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
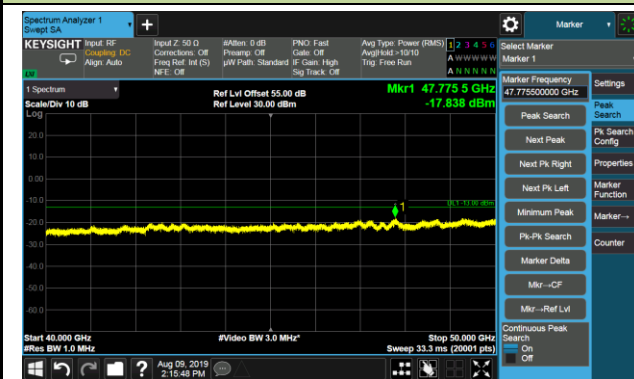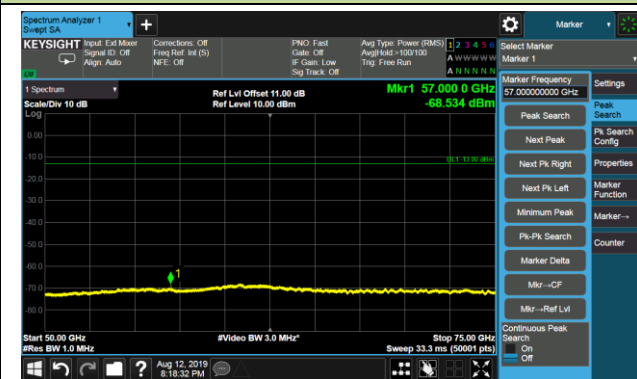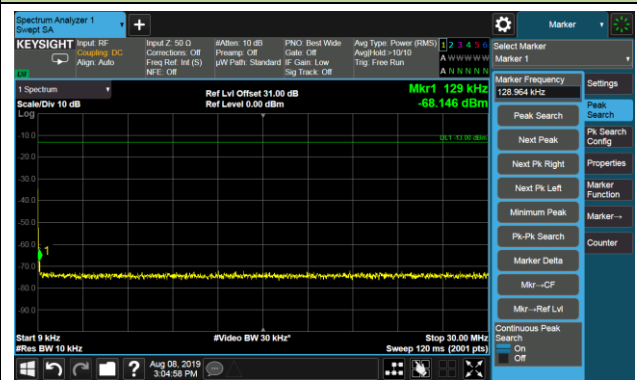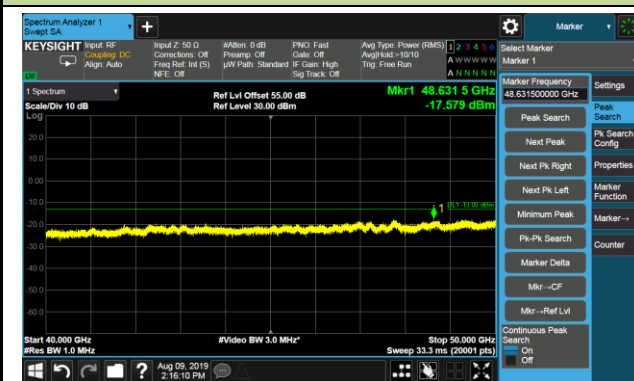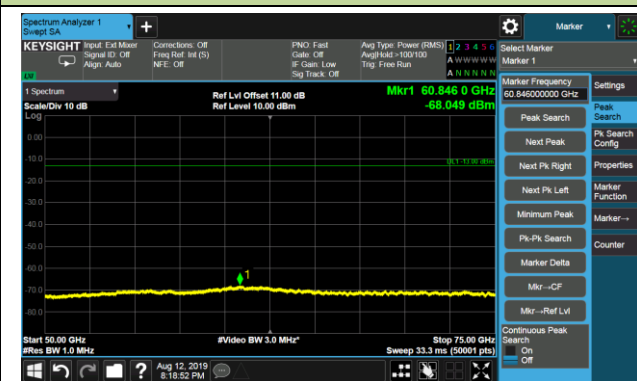
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.31 - 25 = 9.31dBm;

For 100% - 250% of Authorization Bandwidth = 34.31 - 35 = -0.69dBm;

For above 250% of Authorization Bandwidth = 34.31 - [43 + 10 $\log_{10}$ (2.698)] = -13dBm.