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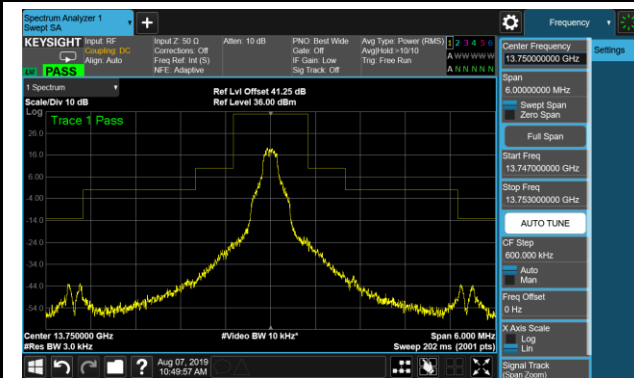
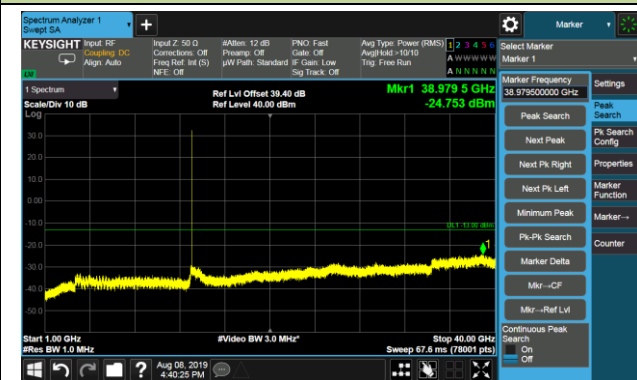| In-band Mask	9kHz - 30MHz

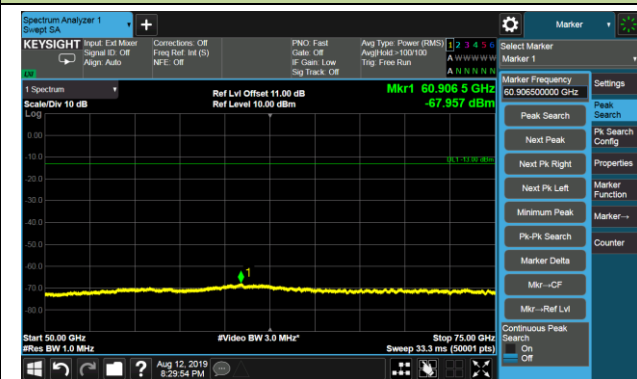| 30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

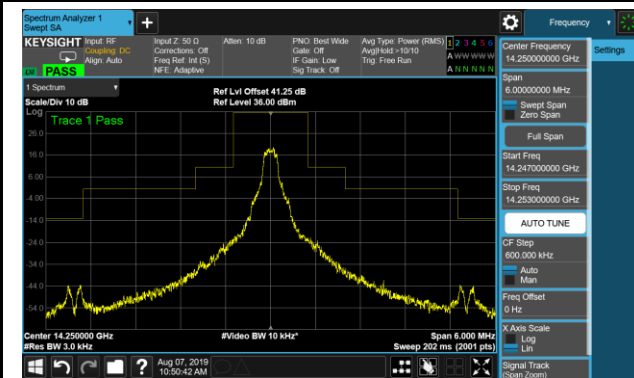For 50% - 100% of Authorization Bandwidth = 34.98 - 25 = 9.98dBm;

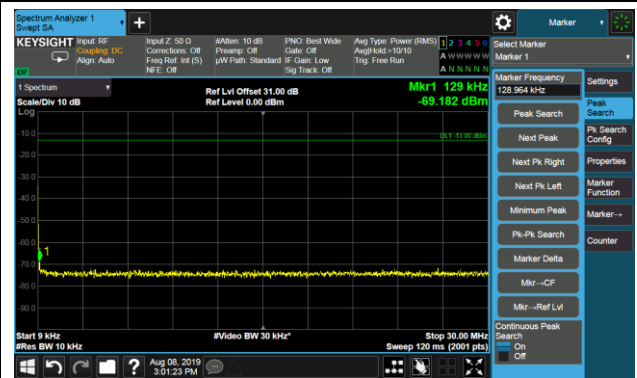For 100% - 250% of Authorization Bandwidth = 34.98 - 35 = -0.02dBm;

For above 250% of Authorization Bandwidth = 34.98 - [43 + 10 $\log_{10}$ (3.148)] = -13dBm.

3/4 OQPSK (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 = 35.48 - 25 = 10.48dBm;

For 100% - 250% of Authorization Bandwidth = 35.48 - 35 = 0.48dBm;

For above 250% of Authorization Bandwidth = 35.48 - [43 + 10 $\log_{10}$ (3.532)] = -13dBm.

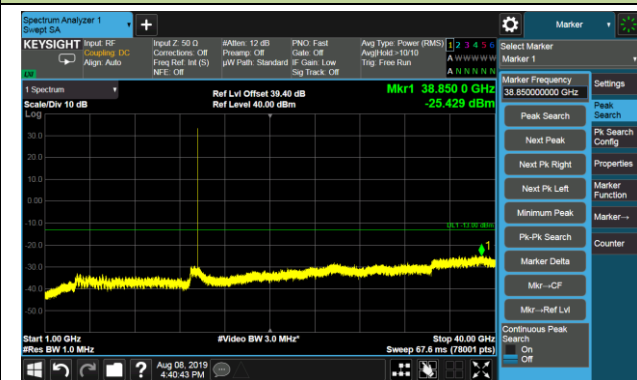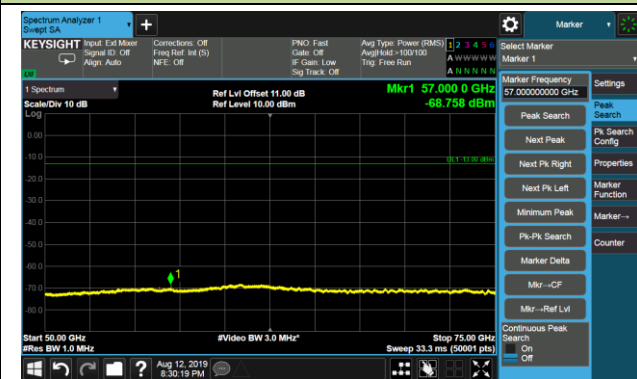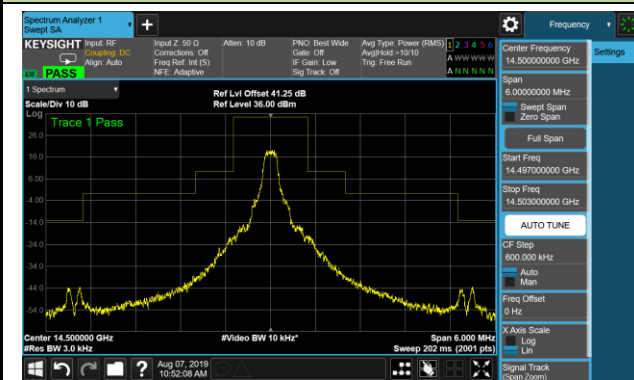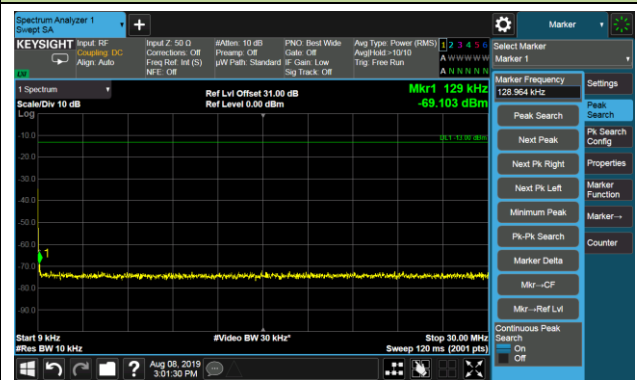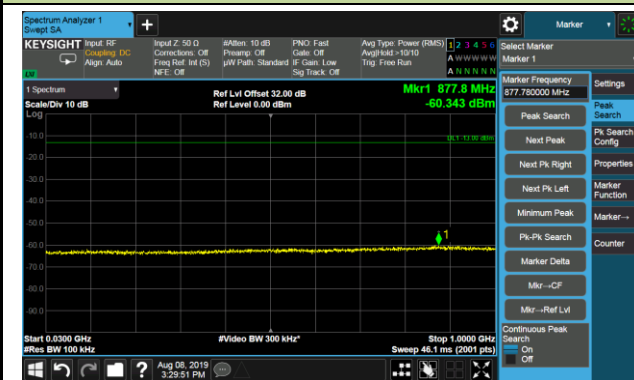## 3/4 OQPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
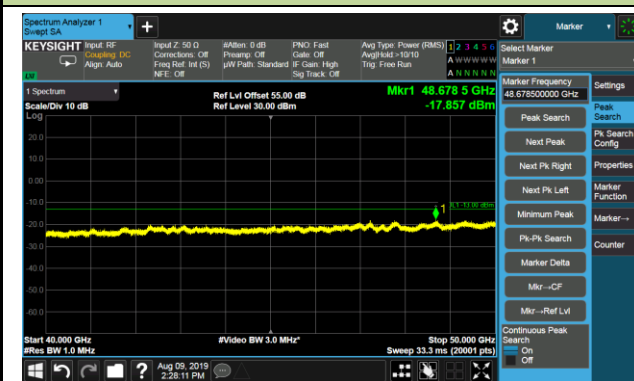
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

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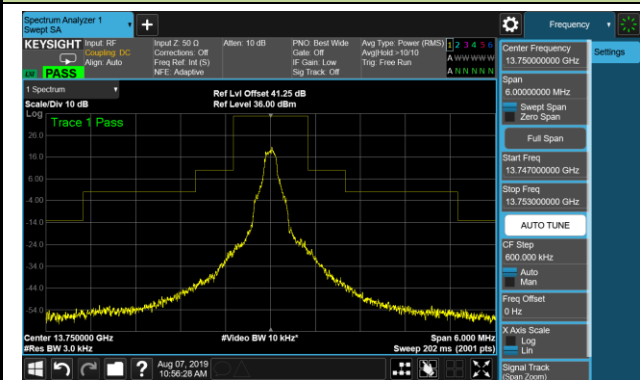
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.44 - 25 = 9.44dBm;

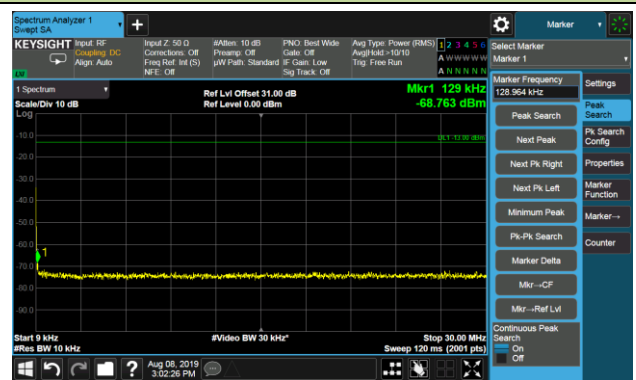For 100% - 250% of Authorization Bandwidth = 34.44 - 35 = -0.56dBm;

For above 250% of Authorization Bandwidth = 34.44 - [43 + 10 $\log_{10}$ (2.780)] = -13dBm.

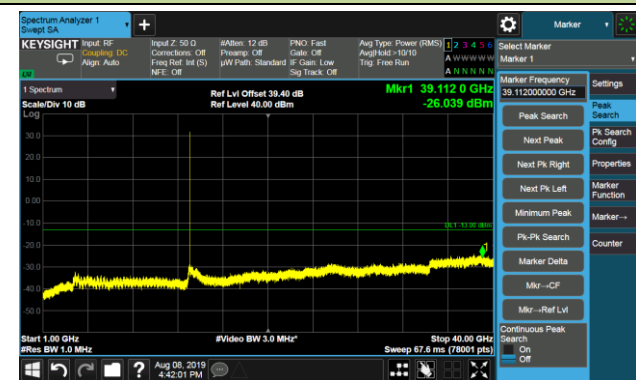## 7/8 OQPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal
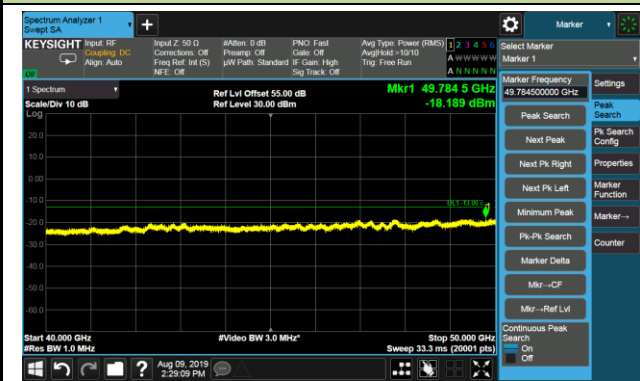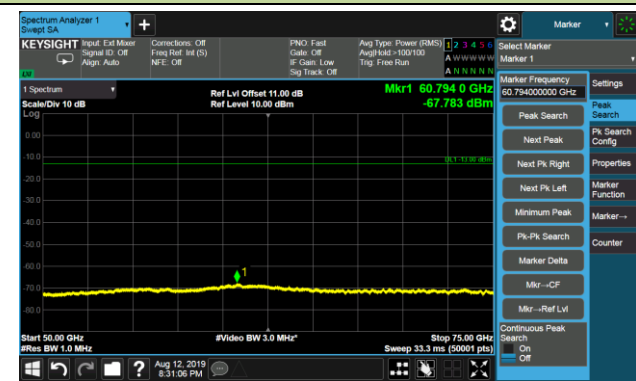
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

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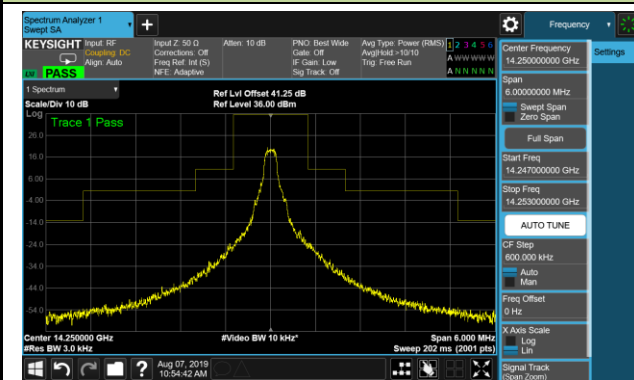
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.97 - 25 = 9.97dBm;

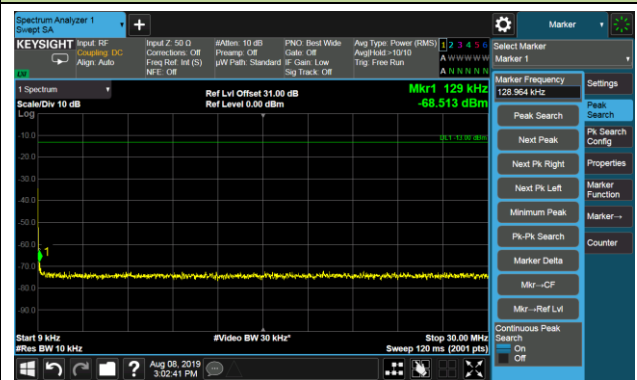For 100% - 250% of Authorization Bandwidth = 34.97 - 35 = -0.03dBm;

For above 250% of Authorization Bandwidth = 34.97 - [43 + 10 $\log_{10}$ (3.141)] = -13dBm.

7/8 OQPSK (256kbps) - 14250MHz - Unwanted Emission at Antenna Terminal
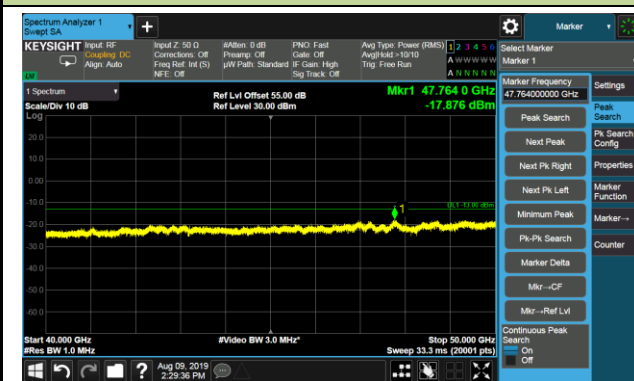
In-band Mask	9kHz - 30MHz

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 = 35.51 - 25 = 10.51dBm;

For 100% - 250% of Authorization Bandwidth = 35.51 - 35 = 0.51dBm;

For above 250% of Authorization Bandwidth = 35.51 - [43 + 10 $\log_{10}$ (3.556)] = -13dBm.

7/8 OQPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
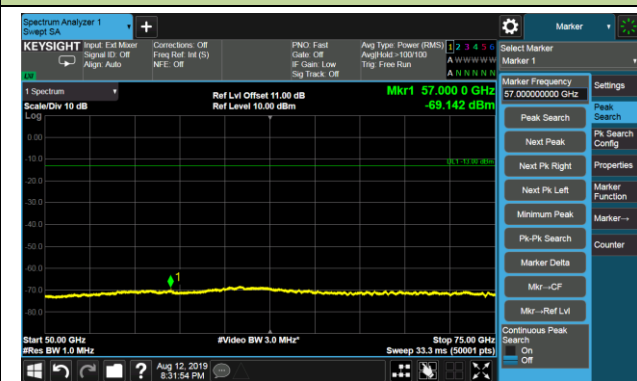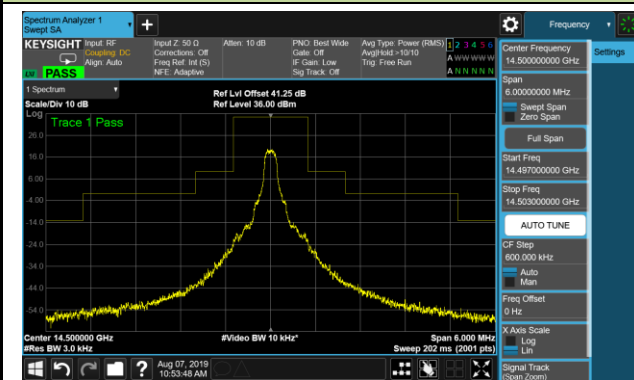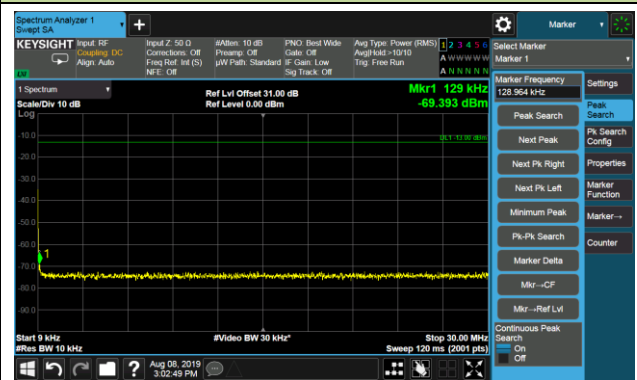
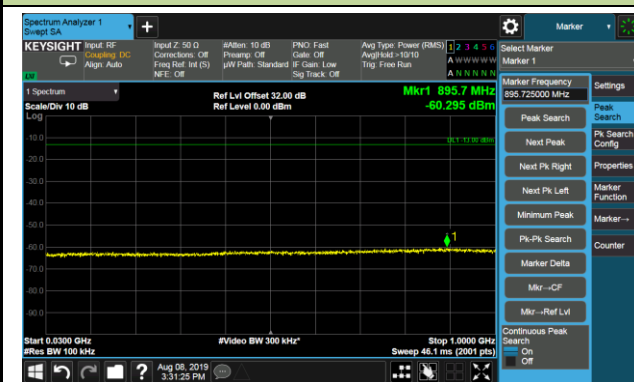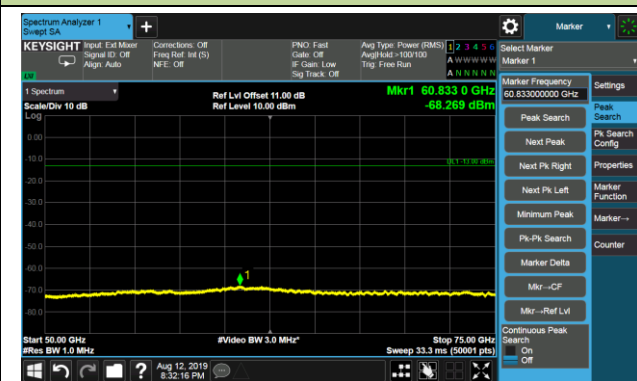| In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

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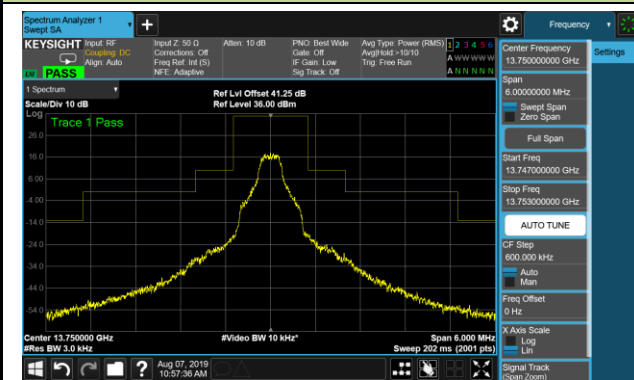
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.46 - 25 = 9.46dBm;

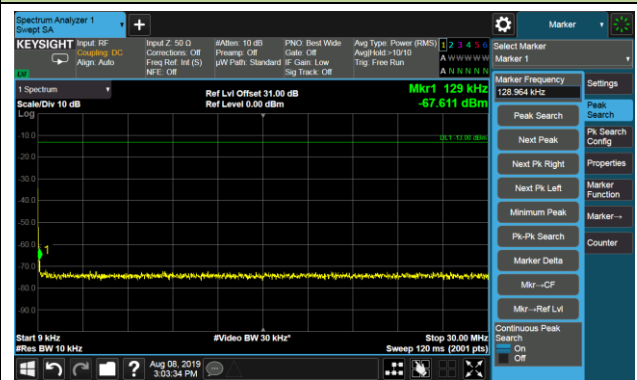For 100% - 250% of Authorization Bandwidth = 34.46 - 35 = -0.54dBm;

For above 250% of Authorization Bandwidth = 34.46 - [43 + 10 $\log_{10}$ (2.793)] = -13dBm.

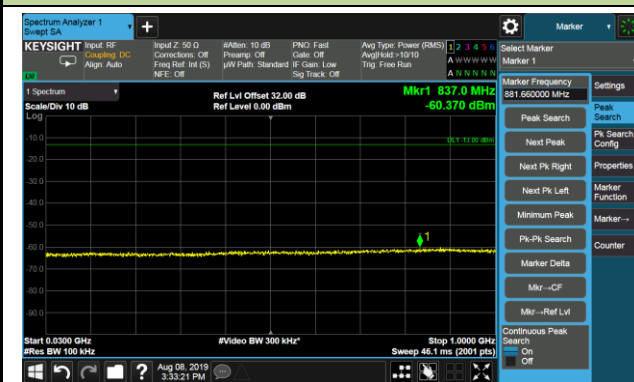## 21/44 OQPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal
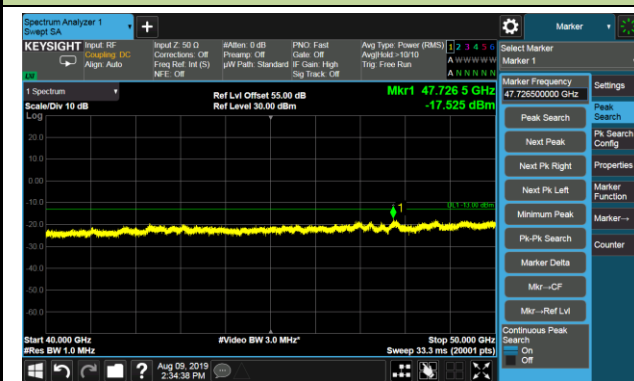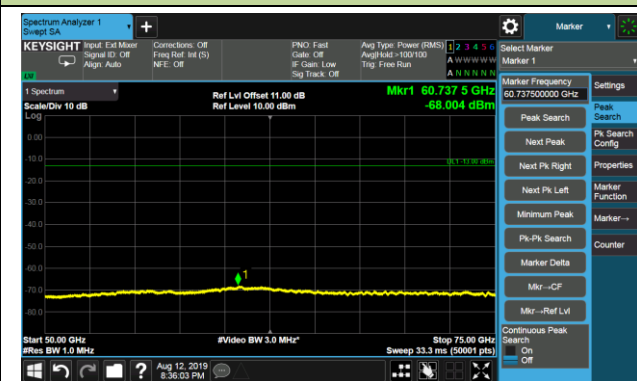
In-band Mask	9kHz - 30MHz

30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

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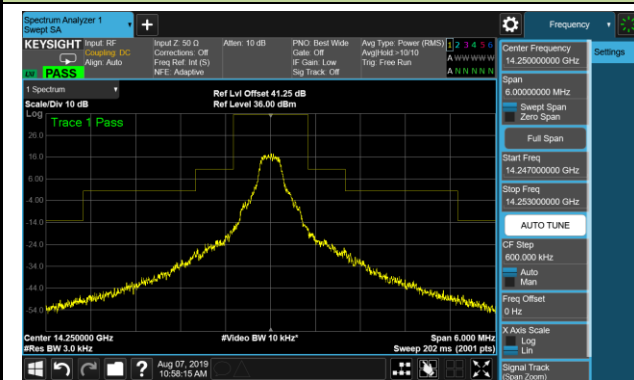
Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 34.98 - 25 = 9.98dBm;

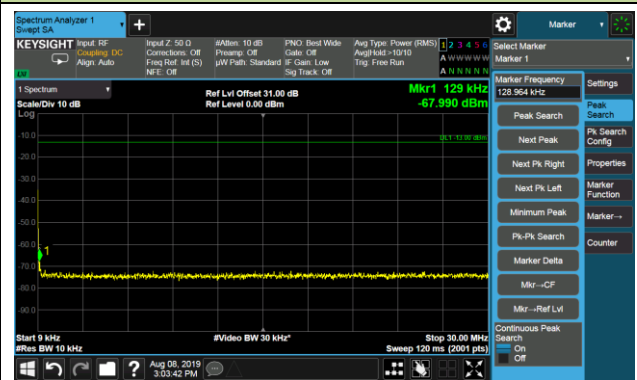For 100% - 250% of Authorization Bandwidth = 34.98 - 35 = -0.02dBm;

For above 250% of Authorization Bandwidth = 34.98 - [43 + 10 $\log_{10}$ (3.148)] = -13dBm.

21/44 OQPSK (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 = 35.49 - 25 = 10.49dBm;

For 100% - 250% of Authorization Bandwidth = 35.49 - 35 = 0.49dBm;

For above 250% of Authorization Bandwidth = 35.49 - [43 + 10 $\log_{10}$ (3.540)] = -13dBm.

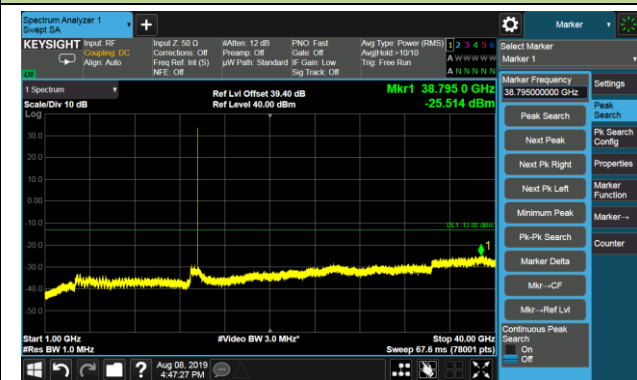## 21/44 OQPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
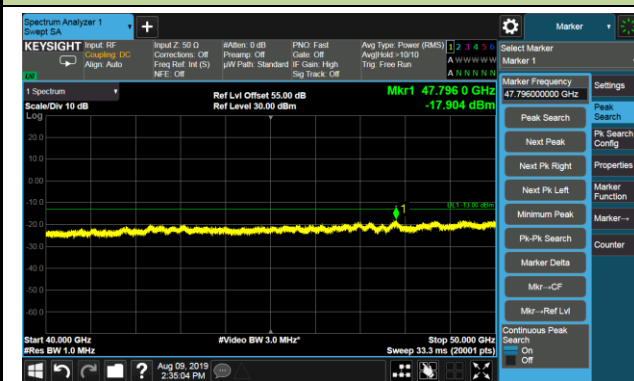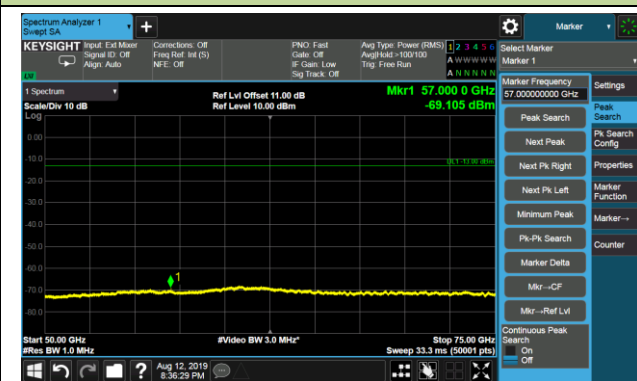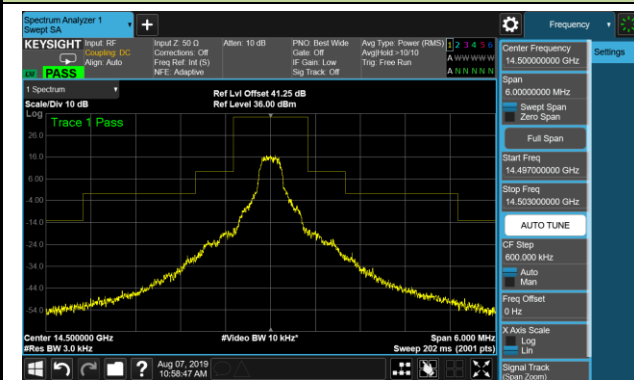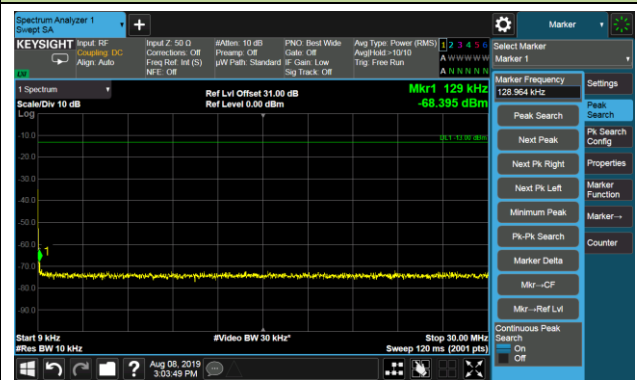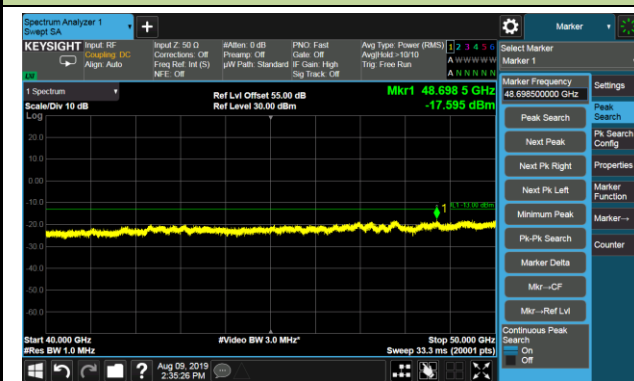
In-band Mask	9kHz - 30MHz

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 = 34.45 - 25 = 9.45dBm;

For 100% - 250% of Authorization Bandwidth = 34.45 - 35 = -0.55dBm;

For above 250% of Authorization Bandwidth = 34.45 - [43 + 10 $\log_{10}$ (2.786)] = -13dBm.

BPSK (3000kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

In-band Mask	9kHz - 30MHz

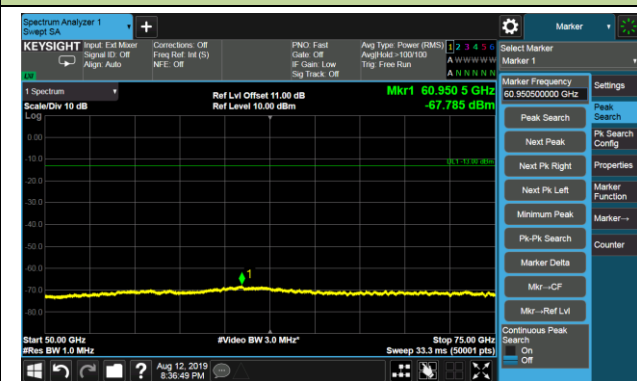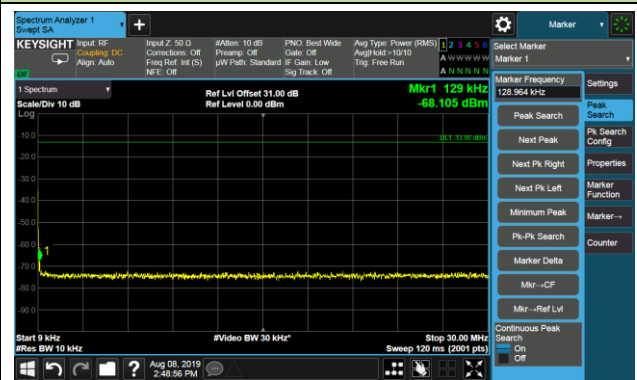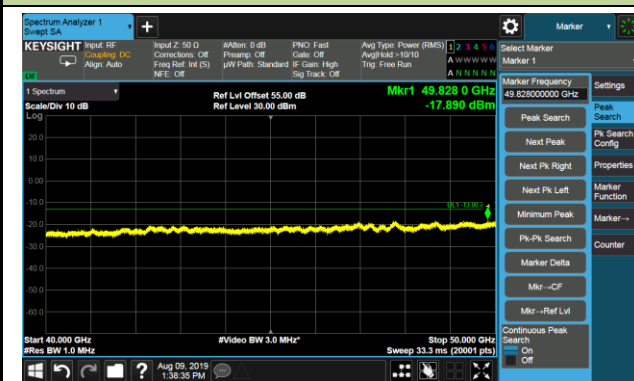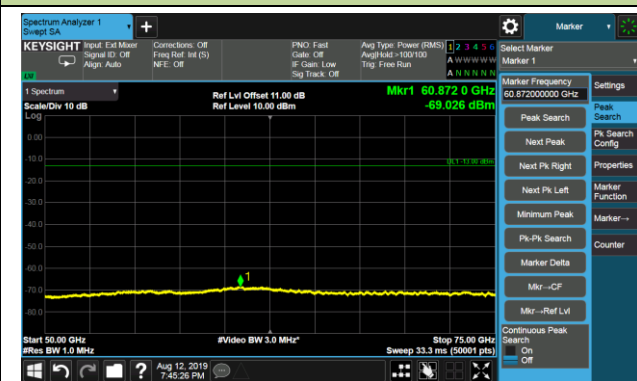| 30MHz - 1GHz	1GHz - 40GHz

40GHz - 50GHz	50GHz - 75GHz

Note 1: Authorization Bandwidth = 10MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = 33.70 - 25 = 8.70dBm;

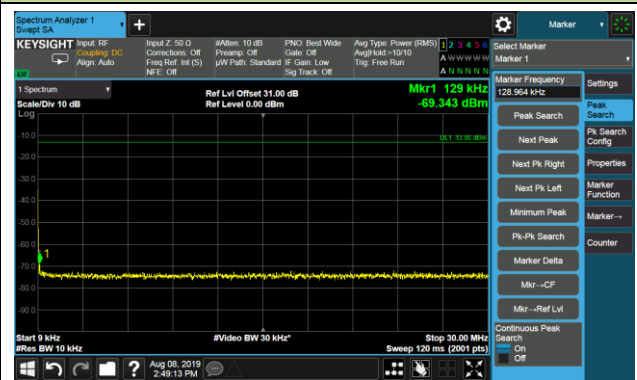For 100% - 250% of Authorization Bandwidth = 33.70 - 35 = -1.30dBm;

For above 250% of Authorization Bandwidth = 33.70 - [43 + 10 $\log_{10}$ (2.344)] = -13dBm.

BPSK (3000kbps) - 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 = 34.18 - 25 = 9.18dBm;

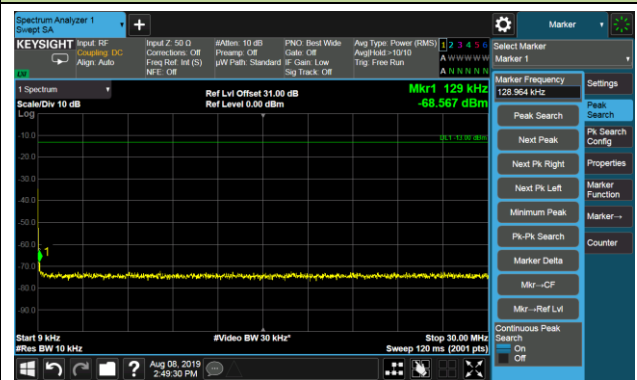For 100% - 250% of Authorization Bandwidth = 34.18 - 35 = -0.82dBm;

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

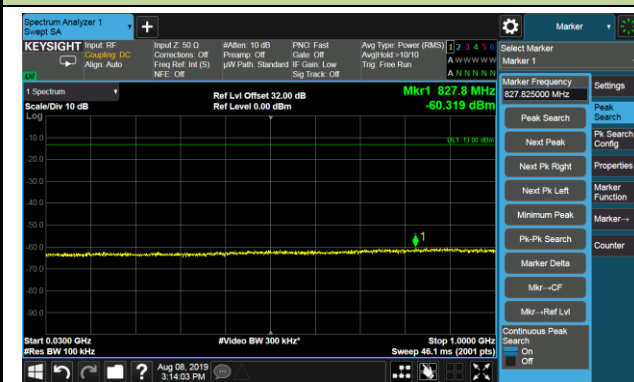## BPSK (3000kbps) - 14500MHz - Unwanted Emission at Antenna Terminal
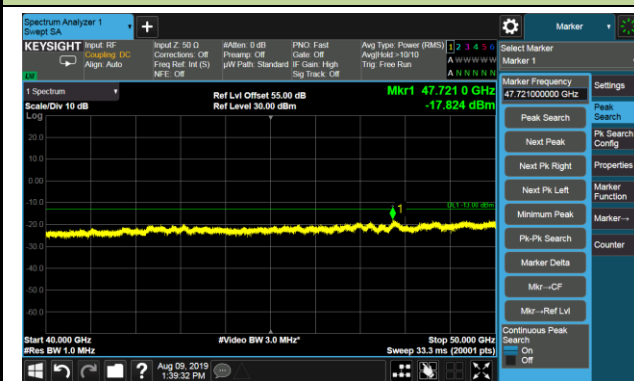
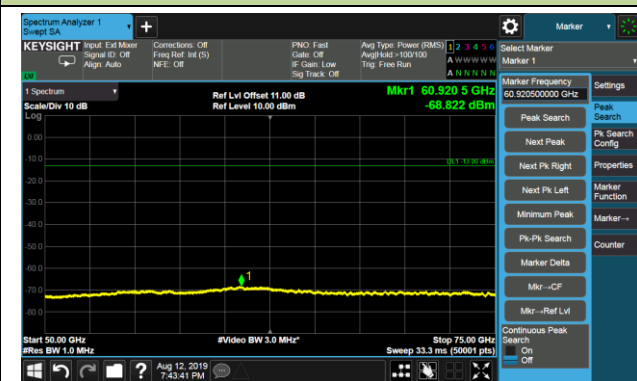| In-band Mask	9kHz - 30MHz

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 = 33.38 - 25 = 8.38dBm;

For 100% - 250% of Authorization Bandwidth = 33.38 - 35 = -1.62dBm;

For above 250% of Authorization Bandwidth = 33.38 - [43 + 10 $\log_{10}$ (2.178)] = -13dBm.