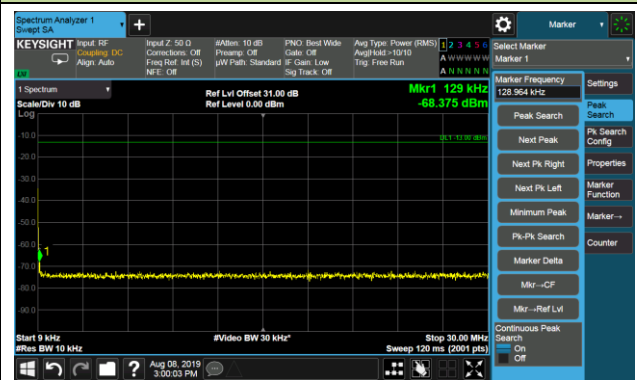


21/44 BPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

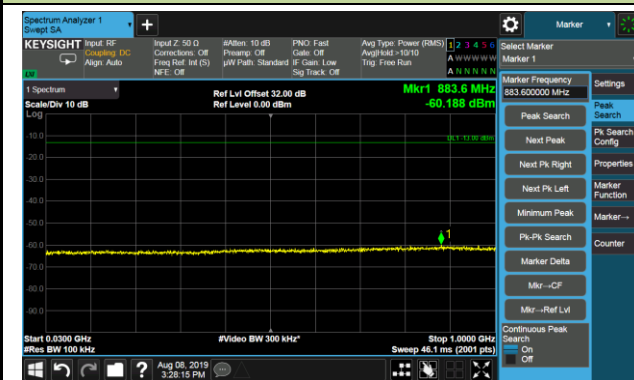
In-band Mask



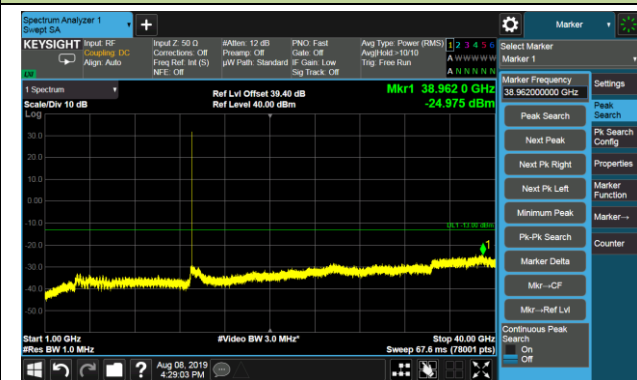
9kHz - 30MHz



30MHz - 1GHz



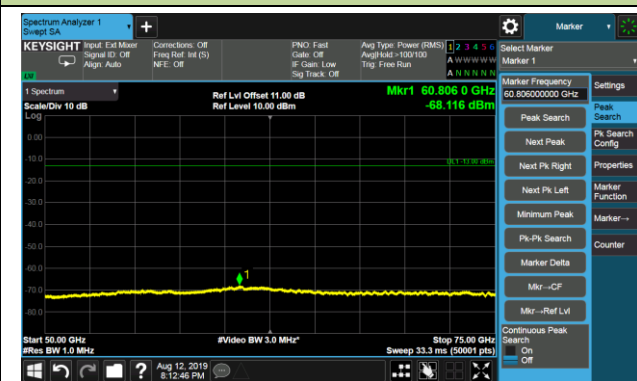
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 2MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.38 - 25 = 9.38\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.38 - 35 = -0.62\text{dBm}$;

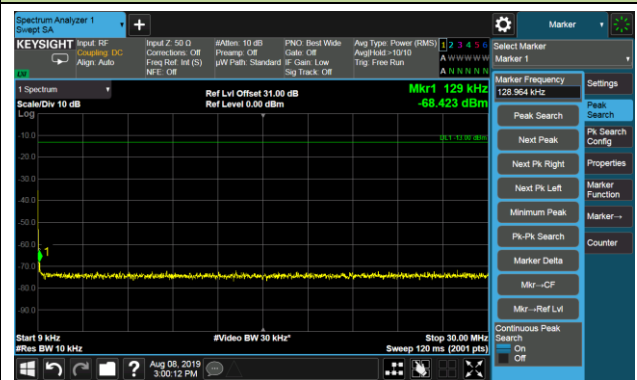
For above 250% of Authorization Bandwidth = $34.38 - [43 + 10 \log_{10}(2.742)] = -13\text{dBm}$.

21/44 BPSK (256kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

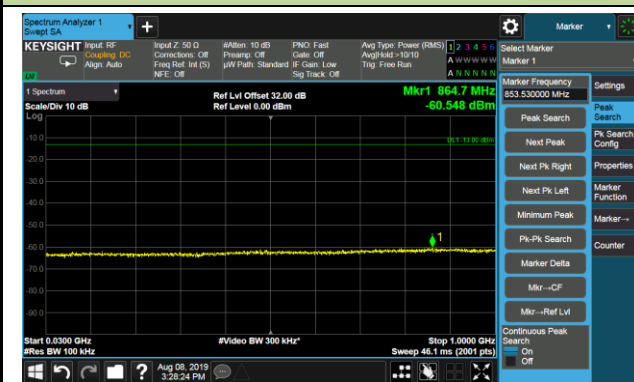
In-band Mask



9kHz - 30MHz



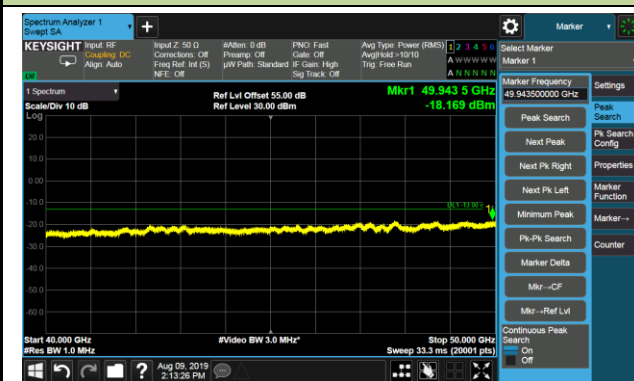
30MHz - 1GHz



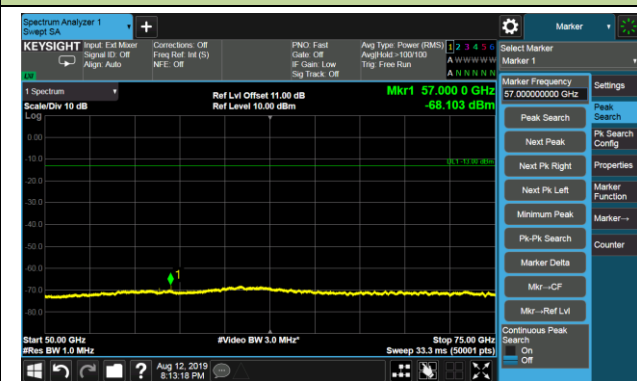
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 2MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.83 - 25 = 9.83\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.83 - 35 = -0.17\text{dBm}$;

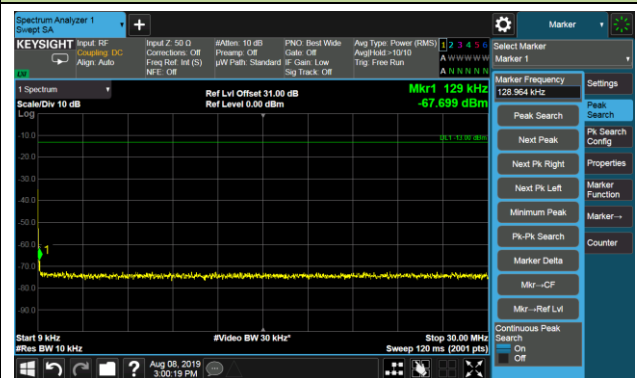
For above 250% of Authorization Bandwidth = $34.83 - [43 + 10 \log_{10}(3.041)] = -13\text{dBm}$.

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:

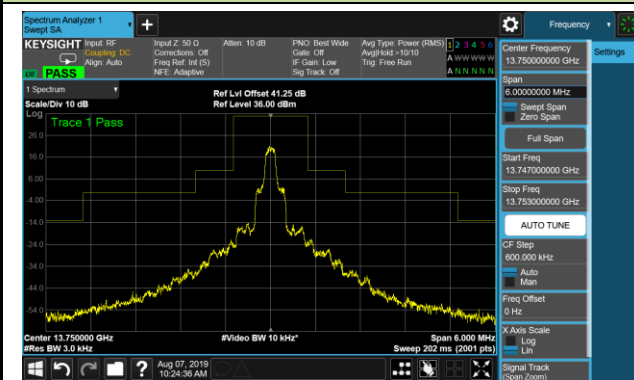
For 50% - 100% of Authorization Bandwidth = $33.86 - 25 = 8.86\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $33.86 - 35 = -1.14\text{dBm}$;

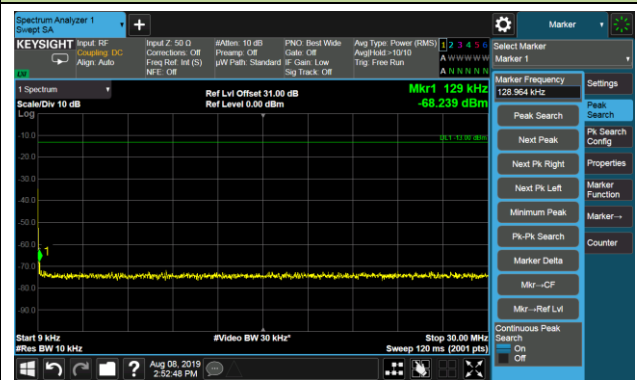
For above 250% of Authorization Bandwidth = $33.86 - [43 + 10 \log_{10}(2.432)] = -13\text{dBm}$.

QPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

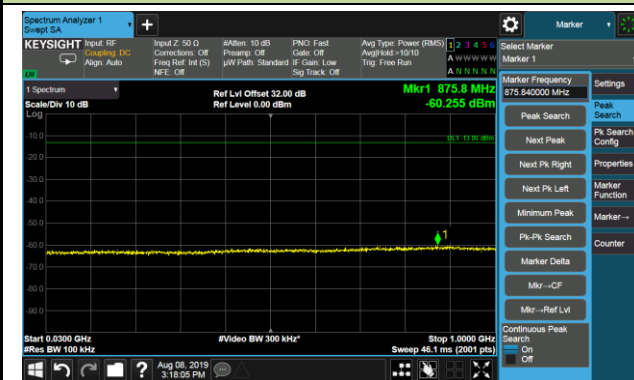
In-band Mask



9kHz - 30MHz



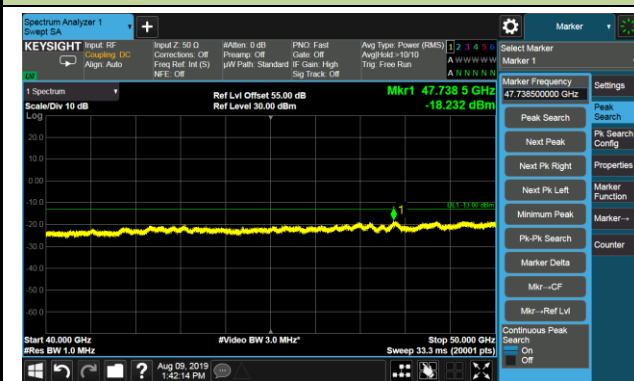
30MHz - 1GHz



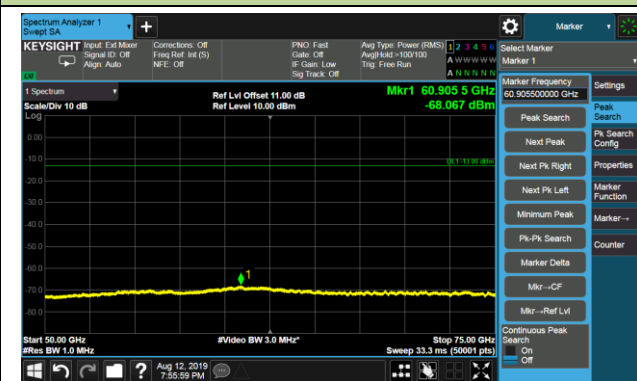
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

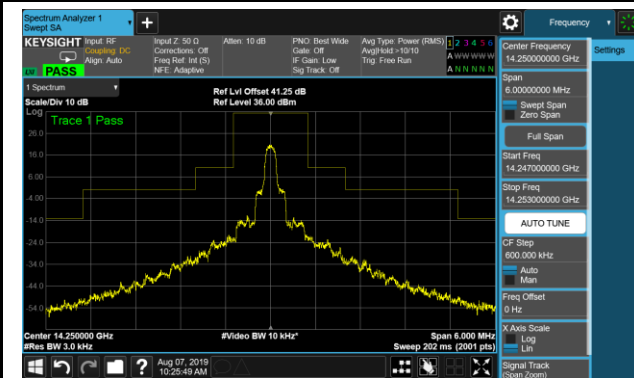
For 50% - 100% of Authorization Bandwidth = $34.79 - 25 = 9.79\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.79 - 35 = -0.21\text{dBm}$;

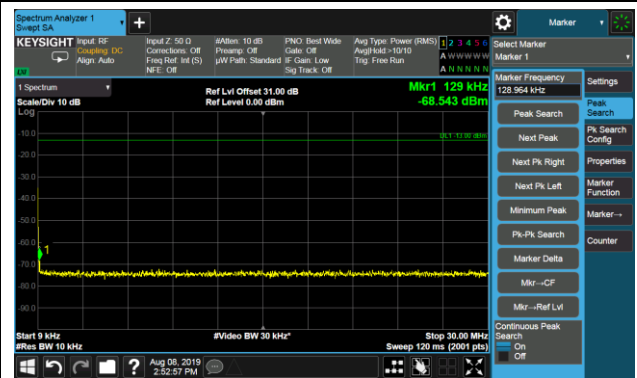
For above 250% of Authorization Bandwidth = $34.79 - [43 + 10 \log_{10}(3.013)] = -13\text{dBm}$.

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

In-band Mask



9kHz - 30MHz



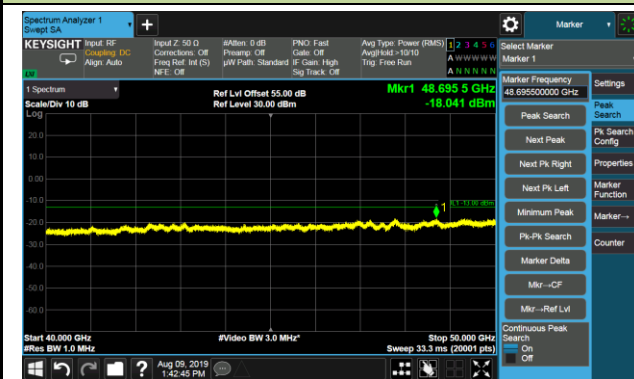
30MHz - 1GHz



1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

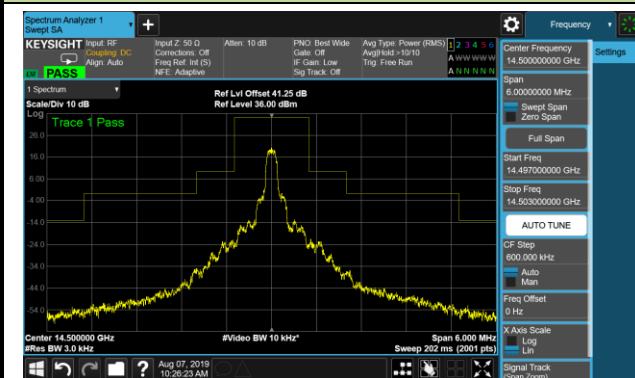
For 50% - 100% of Authorization Bandwidth = $35.28 - 25 = 10.28\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $35.28 - 35 = 0.28\text{dBm}$;

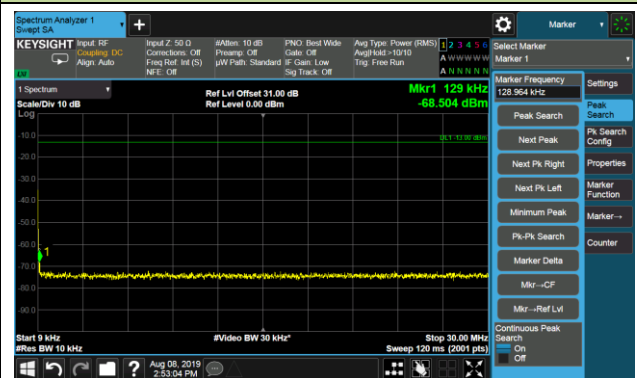
For above 250% of Authorization Bandwidth = $35.28 - [43 + 10 \log_{10}(3.373)] = -13\text{dBm}$.

QPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal

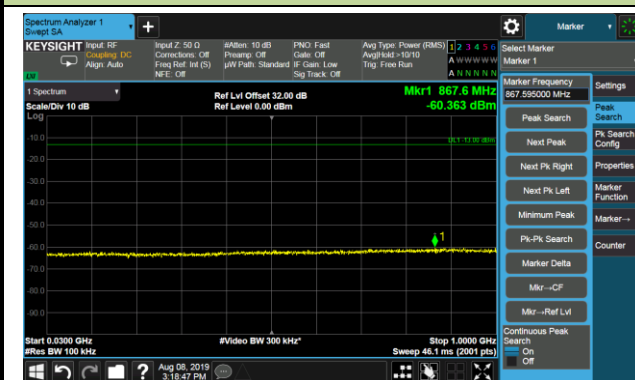
In-band Mask



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 = $34.32 - 25 = 9.32\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.32 - 35 = -0.68\text{dBm}$;

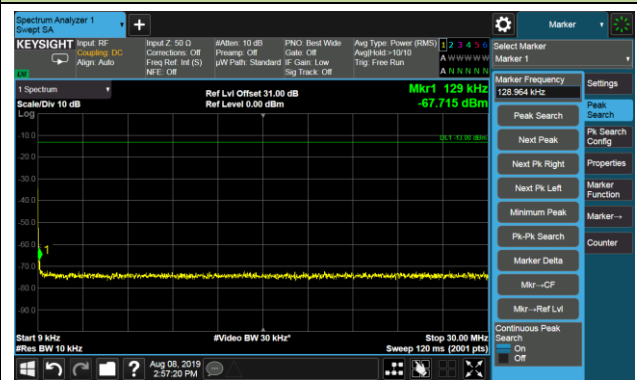
For above 250% of Authorization Bandwidth = $34.32 - [43 + 10 \log_{10} (2.704)] = -13\text{dBm}$.

1/2 QPSK (256kbps) -13750MHz - Unwanted Emission at Antenna Terminal

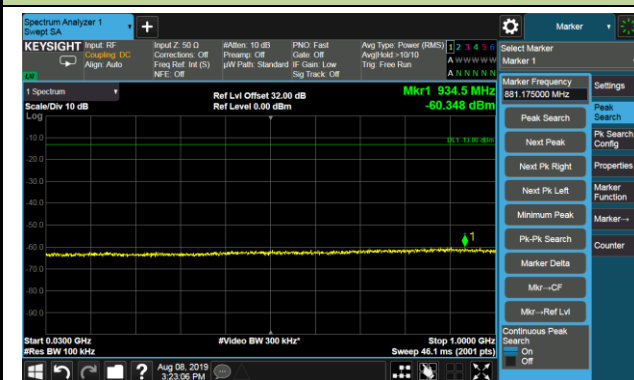
In-band Mask



9kHz - 30MHz



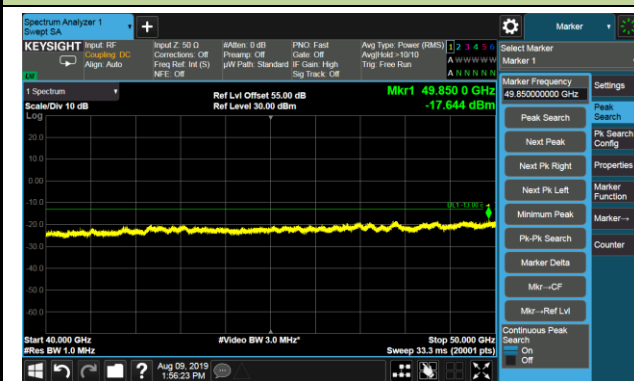
30MHz - 1GHz



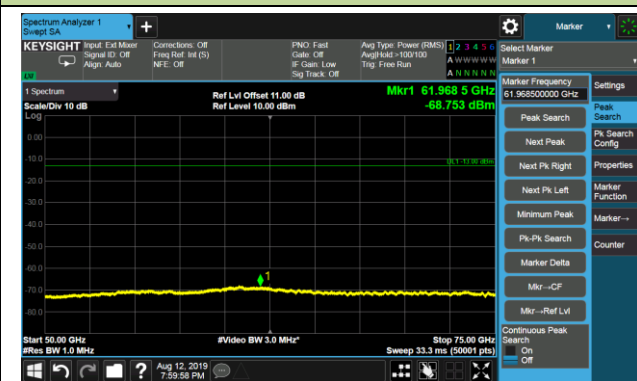
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.79 - 25 = 9.79\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.79 - 35 = -0.21\text{dBm}$;

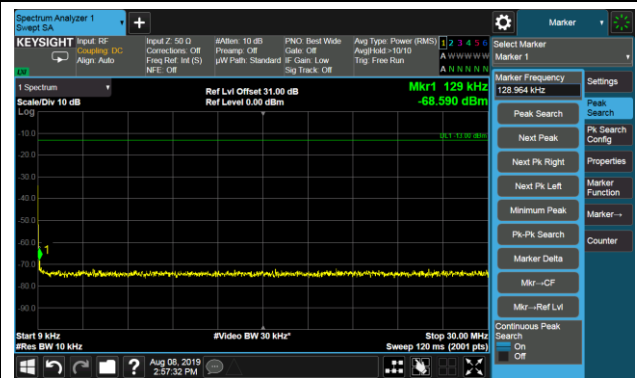
For above 250% of Authorization Bandwidth = $34.79 - [43 + 10 \log_{10}(3.013)] = -13\text{dBm}$.

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 = $35.26 - 25 = 10.26\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $35.26 - 35 = 0.26\text{dBm}$;

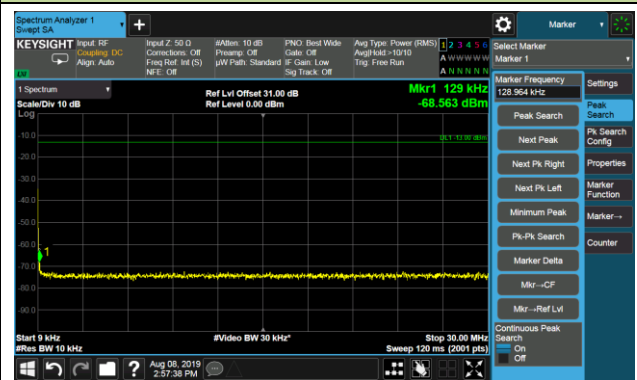
For above 250% of Authorization Bandwidth = $35.26 - [43 + 10 \log_{10}(3.357)] = -13\text{dBm}$.

1/2 QPSK (256kbps) -14500MHz - Unwanted Emission at Antenna Terminal

In-band Mask



9kHz - 30MHz



30MHz - 1GHz



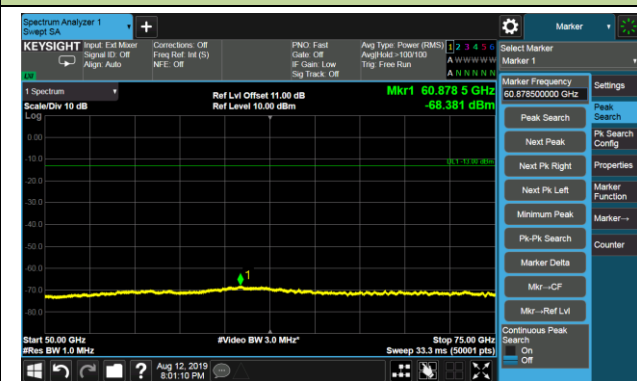
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.28 - 25 = 9.28\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.28 - 35 = -0.72\text{dBm}$;

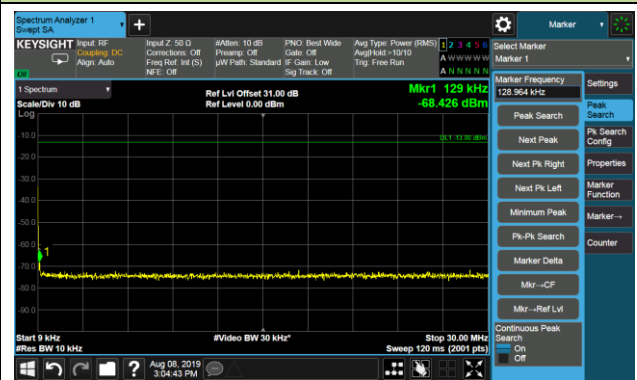
For above 250% of Authorization Bandwidth = $34.28 - [43 + 10 \log_{10} (2.679)] = -13\text{dBm}$.

3/4 QPSK (256kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

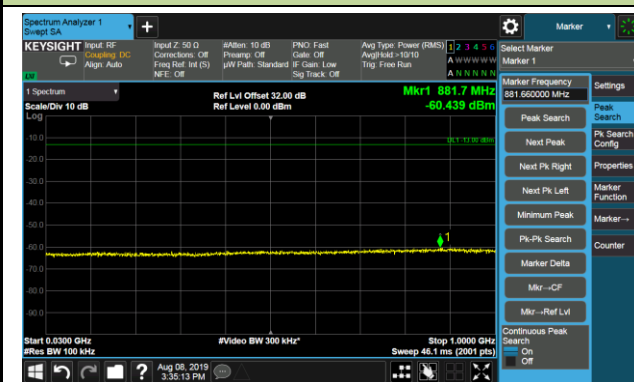
In-band Mask



9kHz - 30MHz



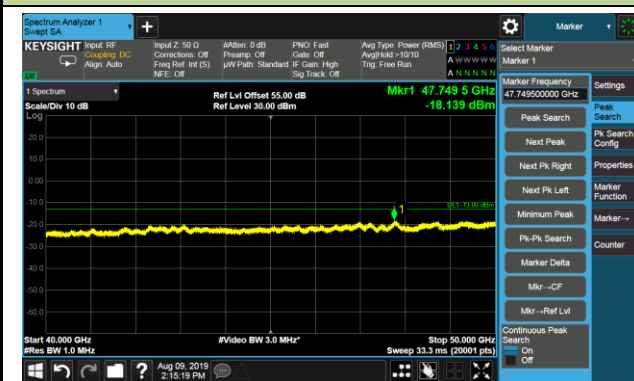
30MHz - 1GHz



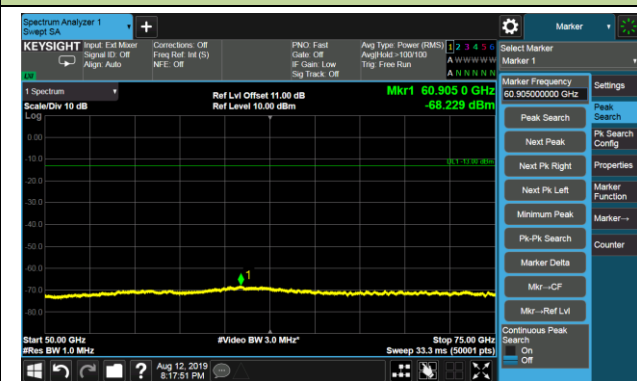
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

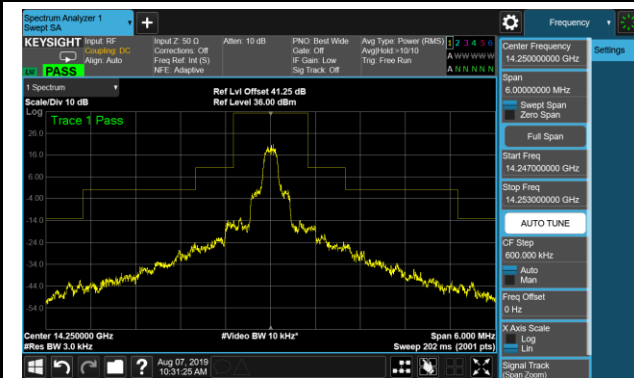
For 50% - 100% of Authorization Bandwidth = $34.83 - 25 = 9.83\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.83 - 35 = -0.17\text{dBm}$;

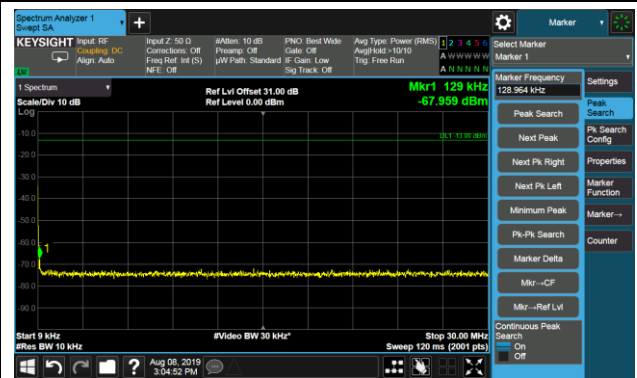
For above 250% of Authorization Bandwidth = $34.83 - [43 + 10 \log_{10}(3.041)] = -13\text{dBm}$.

3/4 QPSK (256kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

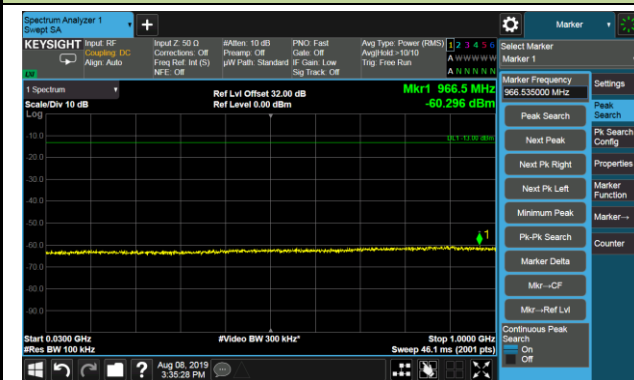
In-band Mask



9kHz - 30MHz



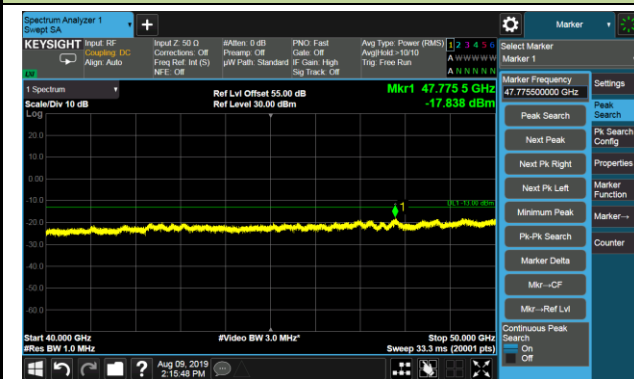
30MHz - 1GHz



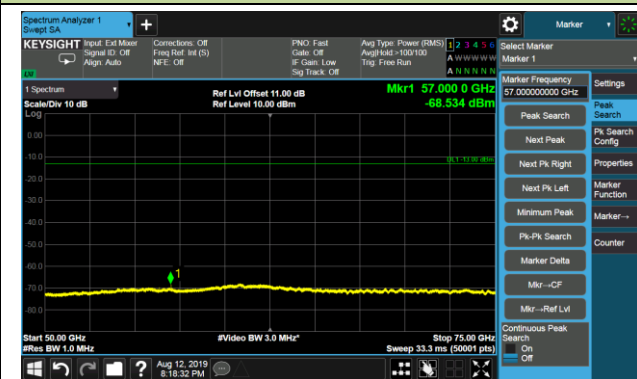
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $35.29 - 25 = 10.29\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $35.29 - 35 = 0.29\text{dBm}$;

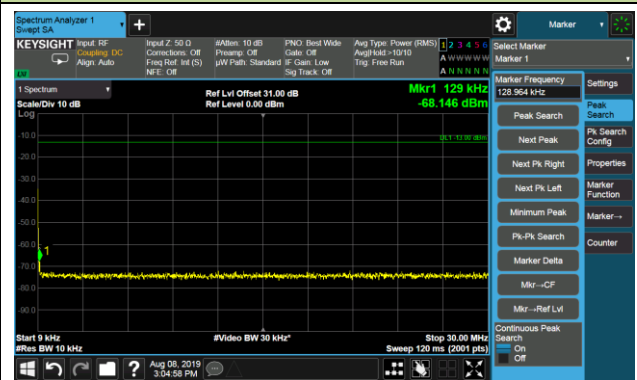
For above 250% of Authorization Bandwidth = $35.29 - [43 + 10 \log_{10} (3.381)] = -13\text{dBm}$.

3/4 QPSK (256kbps) - 14500MHz - Unwanted Emission at Antenna Terminal

In-band Mask



9kHz - 30MHz



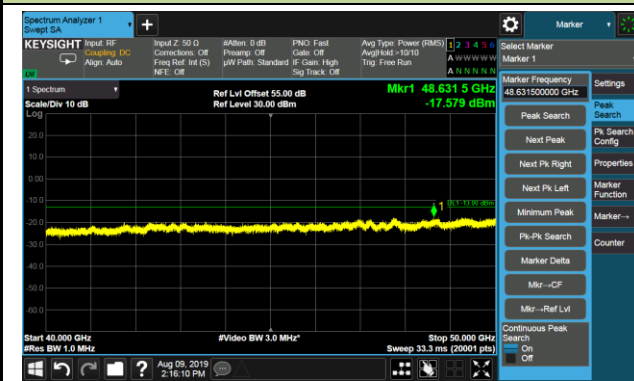
30MHz - 1GHz



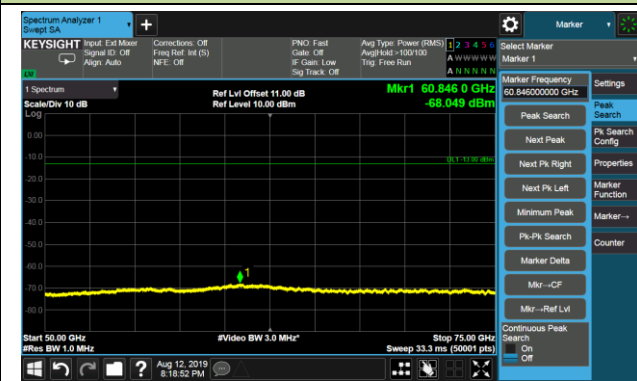
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 1MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.31 - 25 = 9.31\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.31 - 35 = -0.69\text{dBm}$;

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