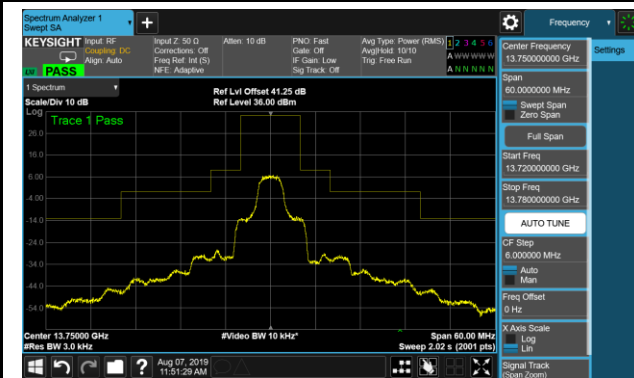
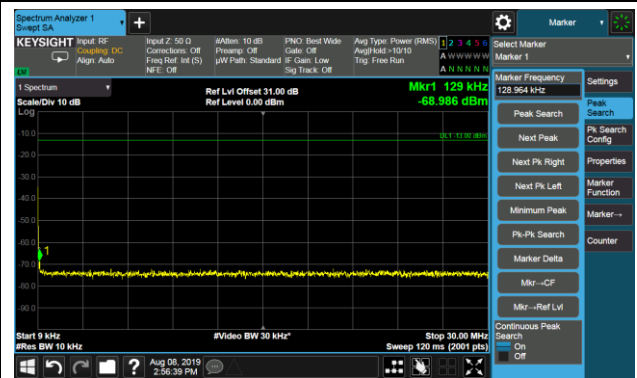


1/2 QPSK (3000kbps) -13750MHz - Unwanted Emission at Antenna Terminal

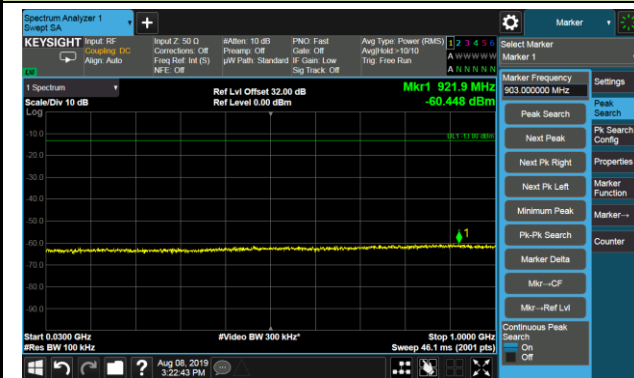
In-band Mask



9kHz - 30MHz



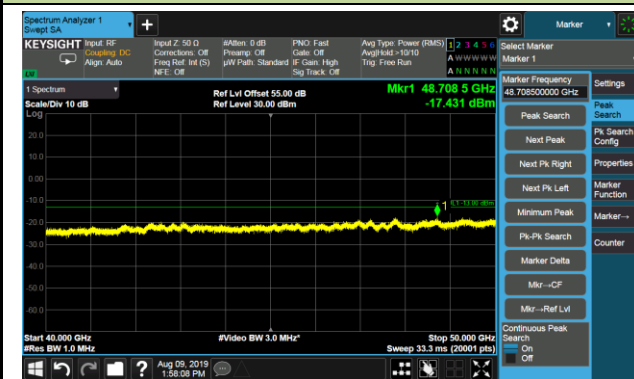
30MHz - 1GHz



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 = $34.21 - 25 = 9.21\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.21 - 35 = -0.79\text{dBm}$;

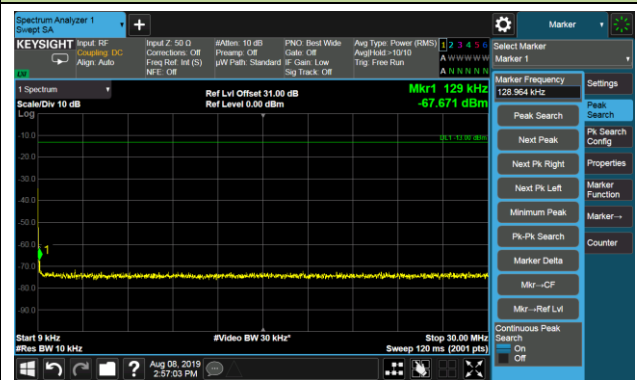
For above 250% of Authorization Bandwidth = $34.21 - [43 + 10 \log_{10}(2.636)] = -13\text{dBm}$.

1/2 QPSK (3000kbps) -14250MHz - Unwanted Emission at Antenna Terminal

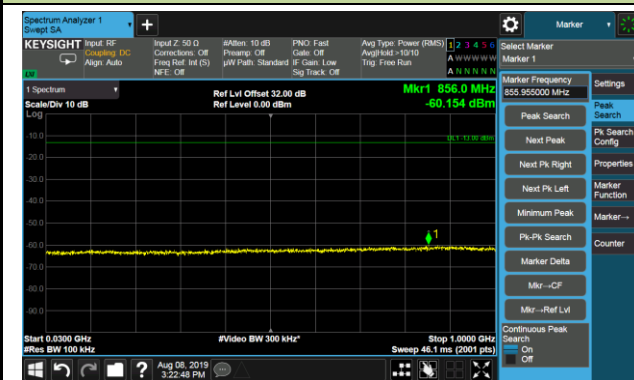
In-band Mask



9kHz - 30MHz



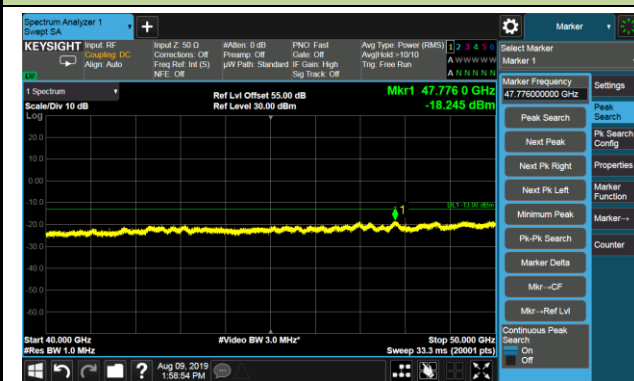
30MHz - 1GHz



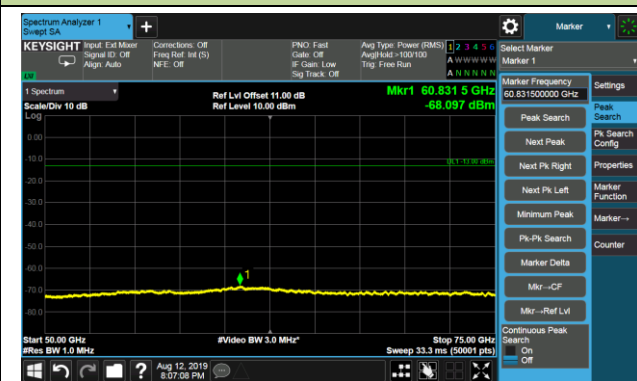
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.70 - 25 = 9.70\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.70 - 35 = -0.30\text{dBm}$;

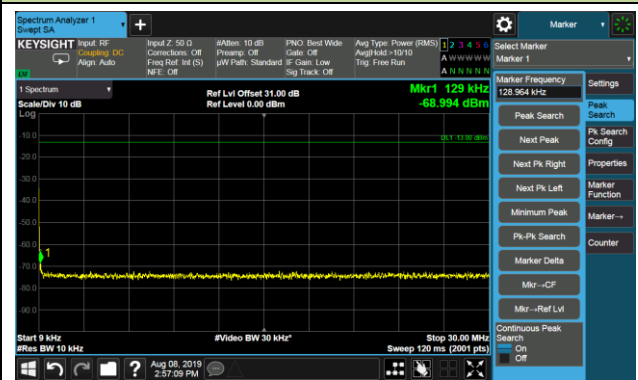
For above 250% of Authorization Bandwidth = $34.70 - [43 + 10 \log_{10}(2.951)] = -13\text{dBm}$.

1/2 QPSK (3000kbps) -14500MHz - Unwanted Emission at Antenna Terminal

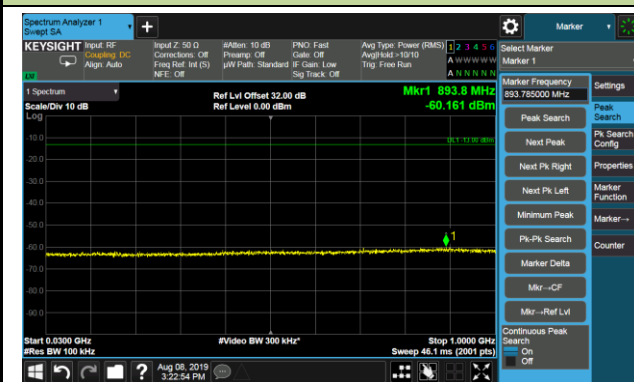
In-band Mask



9kHz - 30MHz



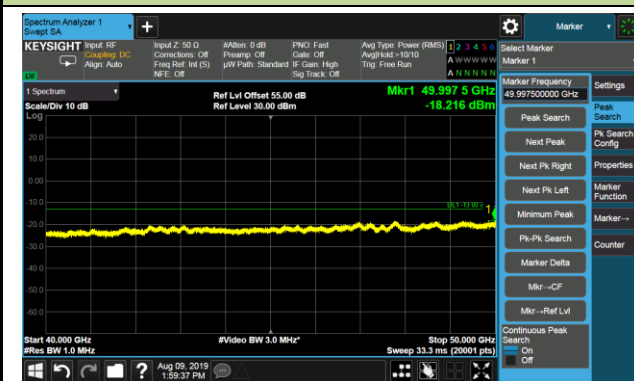
30MHz - 1GHz



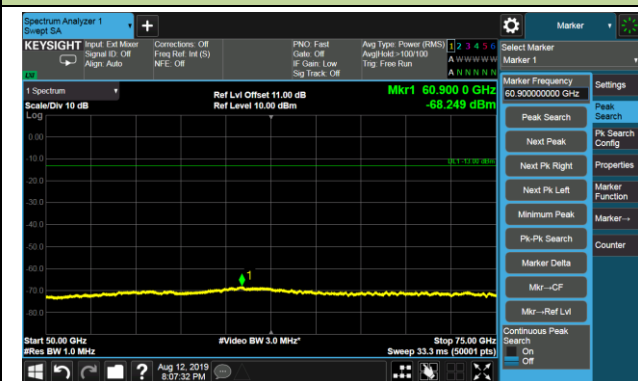
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

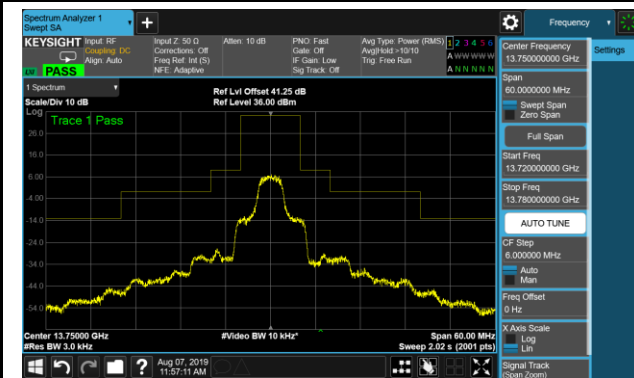
For 50% - 100% of Authorization Bandwidth = $33.95 - 25 = 8.95\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $33.95 - 35 = -1.05\text{dBm}$;

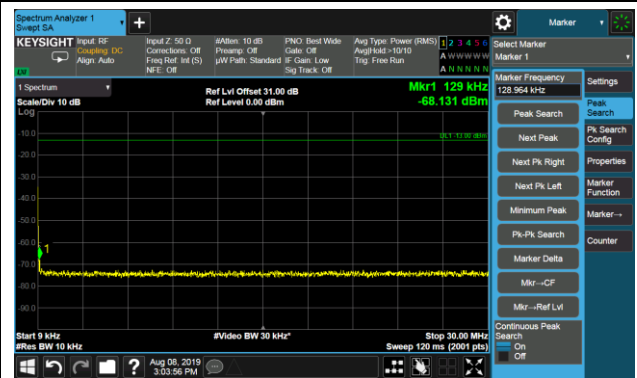
For above 250% of Authorization Bandwidth = $33.95 - [43 + 10 \log_{10}(2.483)] = -13\text{dBm}$.

3/4 QPSK (4500kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

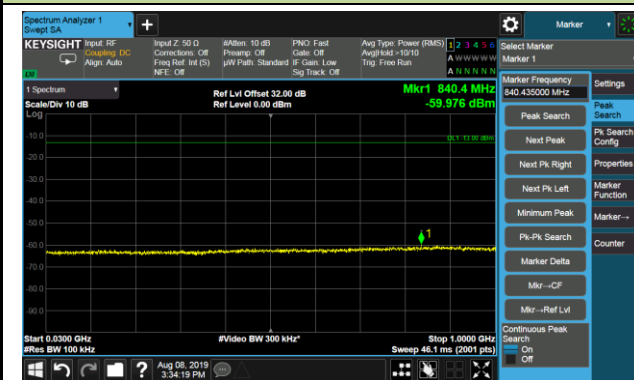
In-band Mask



9kHz - 30MHz



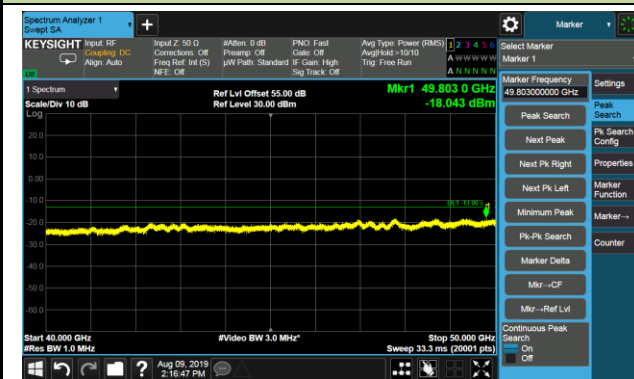
30MHz - 1GHz



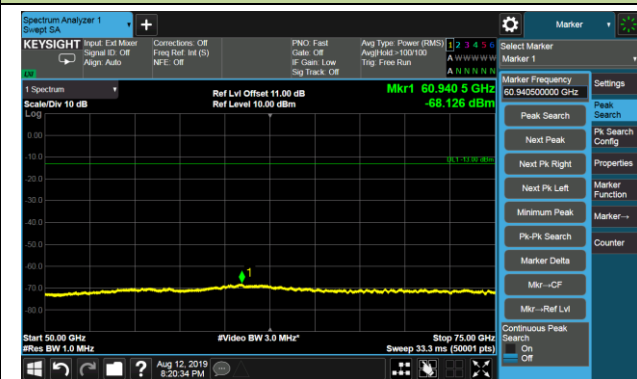
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

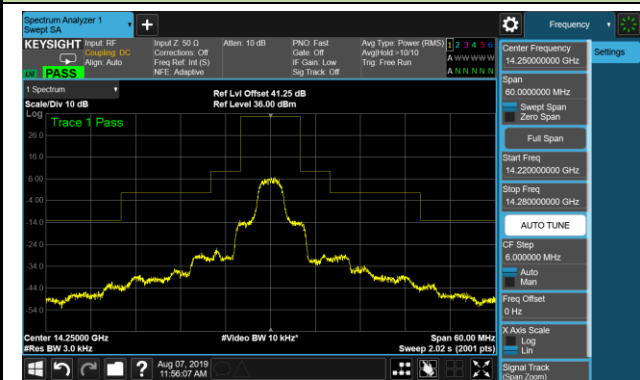
For 50% - 100% of Authorization Bandwidth = $34.22 - 25 = 9.22\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.22 - 35 = -0.78\text{dBm}$;

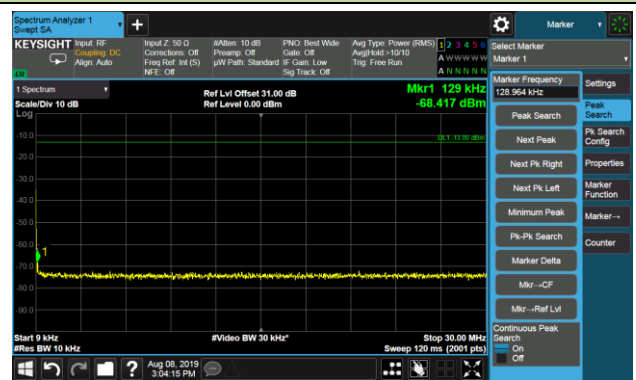
For above 250% of Authorization Bandwidth = $34.22 - [43 + 10 \log_{10}(2.642)] = -13\text{dBm}$.

3/4 QPSK (4500kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

In-band Mask



9kHz - 30MHz



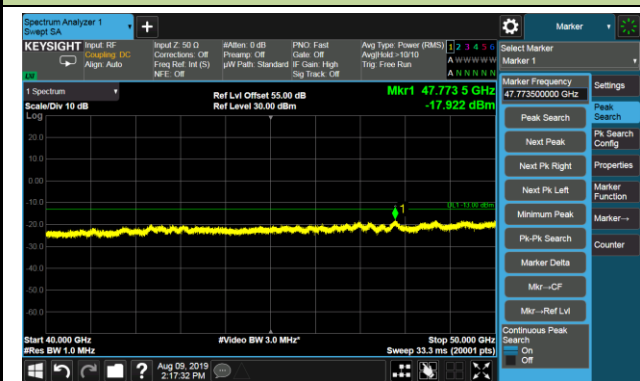
30MHz - 1GHz



1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

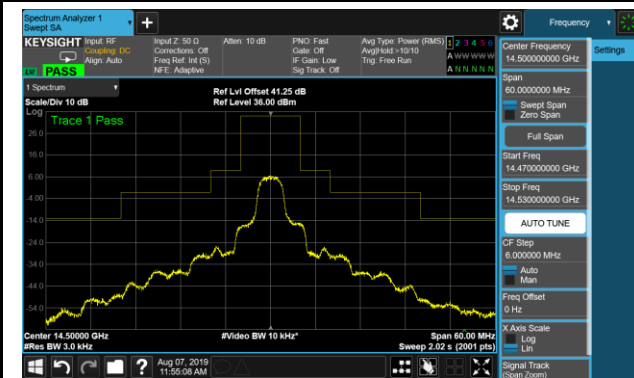
For 50% - 100% of Authorization Bandwidth = $34.72 - 25 = 9.72\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.72 - 35 = -0.28\text{dBm}$;

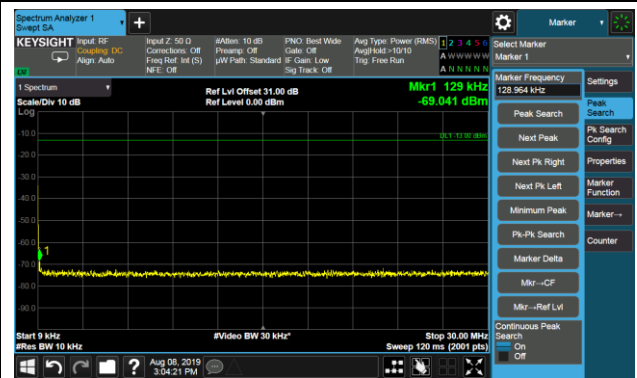
For above 250% of Authorization Bandwidth = $34.72 - [43 + 10 \log_{10}(2.965)] = -13\text{dBm}$.

3/4 QPSK (4500kbps) - 14500MHz - Unwanted Emission at Antenna Terminal

In-band Mask



9kHz - 30MHz



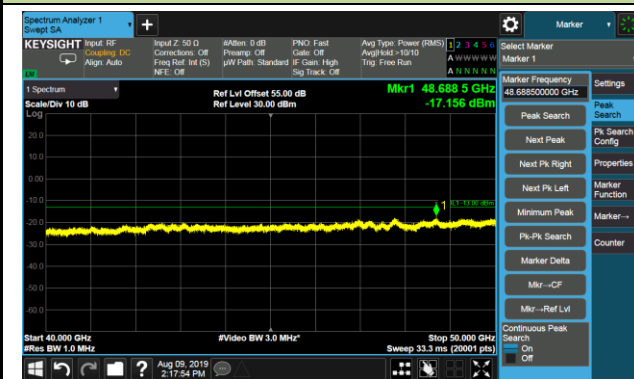
30MHz - 1GHz



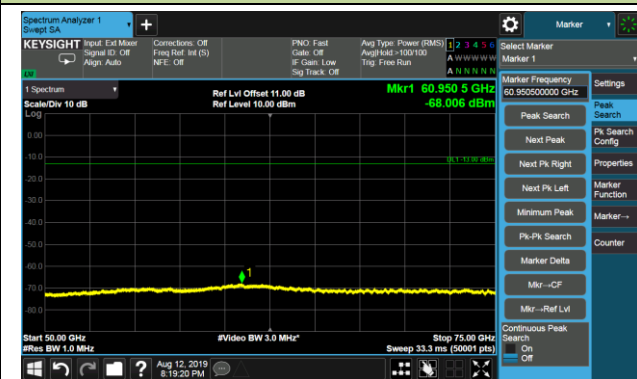
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

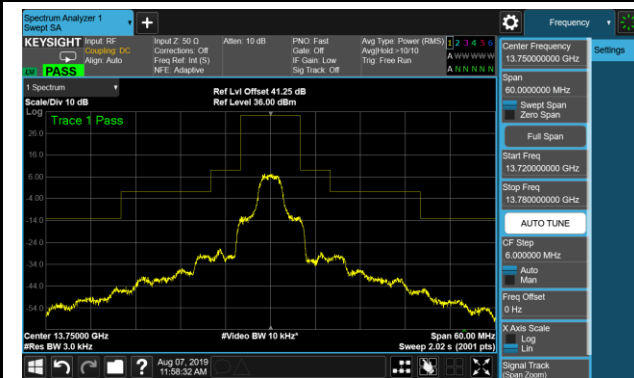
For 50% - 100% of Authorization Bandwidth = $33.98 - 25 = 8.98\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $33.98 - 35 = -1.02\text{dBm}$;

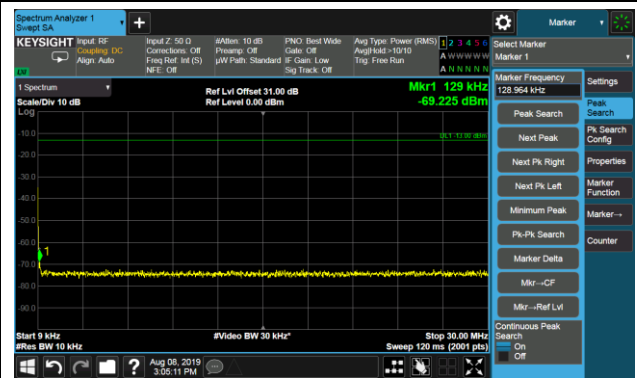
For above 250% of Authorization Bandwidth = $33.98 - [43 + 10 \log_{10}(2.500)] = -13\text{dBm}$.

7/8 QPSK (5000kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

In-band Mask



9kHz - 30MHz



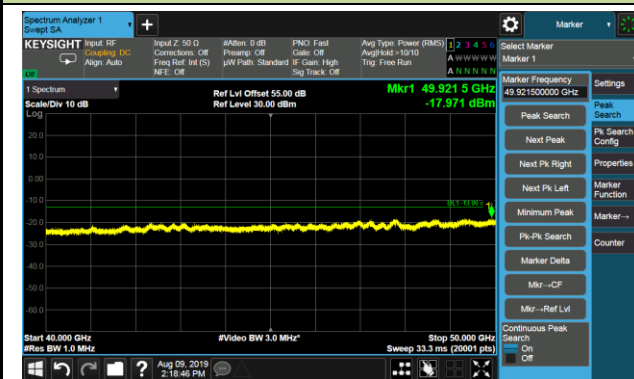
30MHz - 1GHz



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 = $34.26 - 25 = 9.26\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.26 - 35 = -0.74\text{dBm}$;

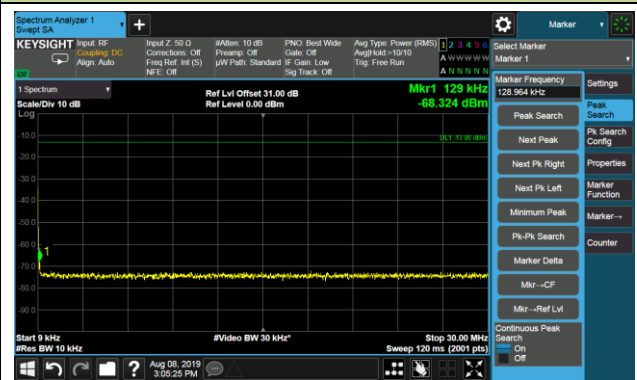
For above 250% of Authorization Bandwidth = $34.26 - [43 + 10 \log_{10}(2.667)] = -13\text{dBm}$.

7/8 QPSK (5000kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

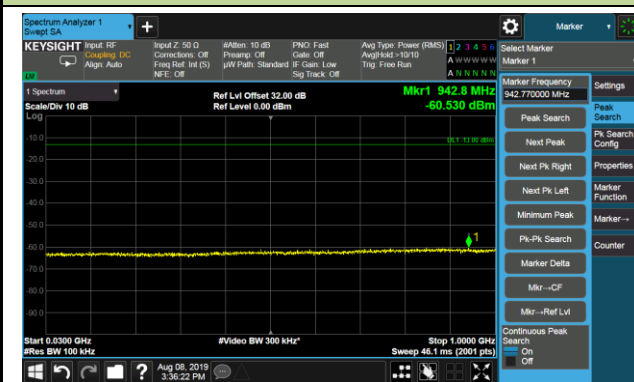
In-band Mask



9kHz - 30MHz



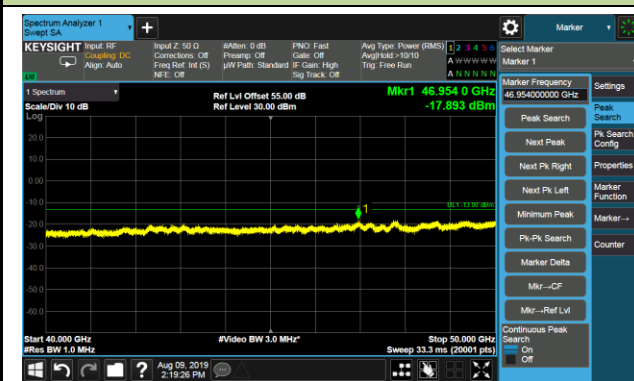
30MHz - 1GHz



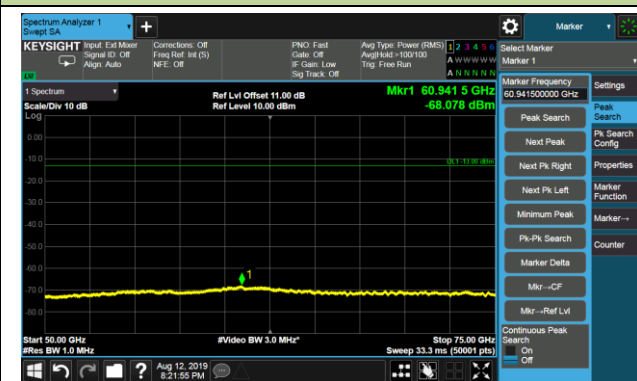
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

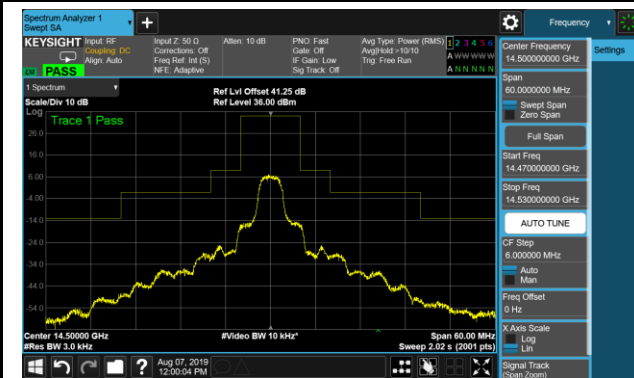
For 50% - 100% of Authorization Bandwidth = $34.73 - 25 = 9.73\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.73 - 35 = -0.27\text{dBm}$;

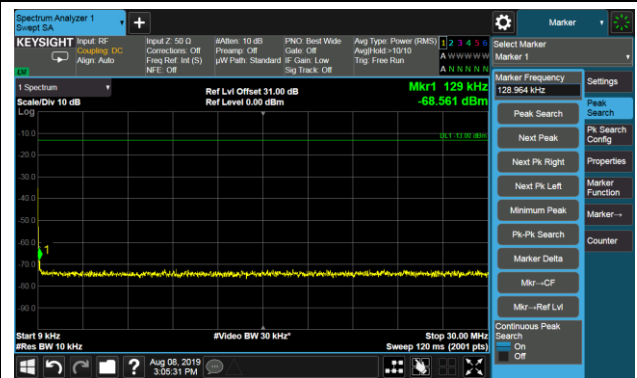
For above 250% of Authorization Bandwidth = $34.73 - [43 + 10 \log_{10}(2.972)] = -13\text{dBm}$.

7/8 QPSK (5000kbps) - 14500MHz - Unwanted Emission at Antenna Terminal

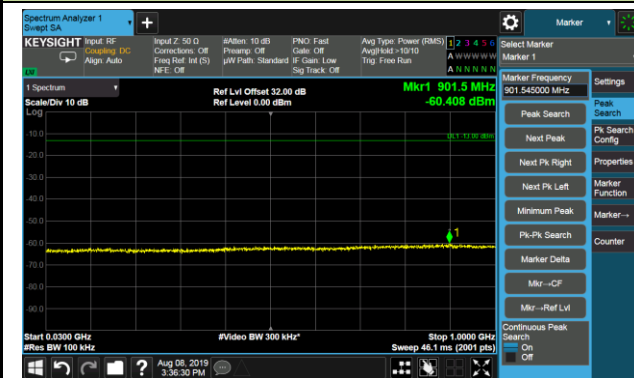
In-band Mask



9kHz - 30MHz



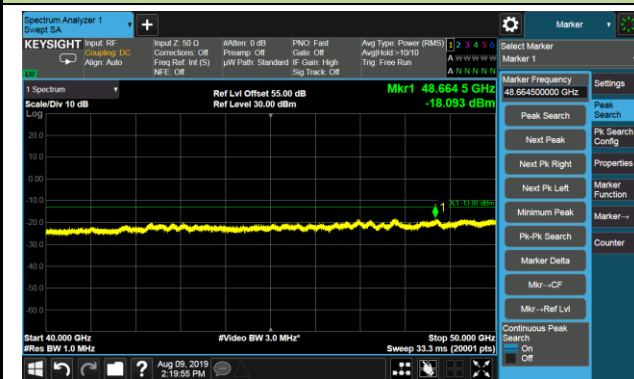
30MHz - 1GHz



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 = $34.01 - 25 = 9.01\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.01 - 35 = -0.99\text{dBm}$;

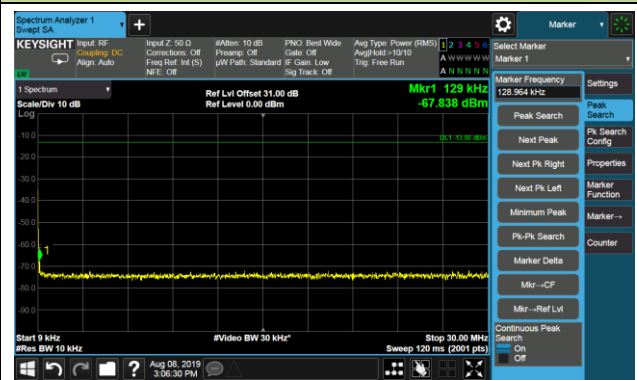
For above 250% of Authorization Bandwidth = $34.01 - [43 + 10 \log_{10}(2.518)] = -13\text{dBm}$.

21/44 QPSK (2863.636kbps) - 13750MHz - Unwanted Emission at Antenna Terminal

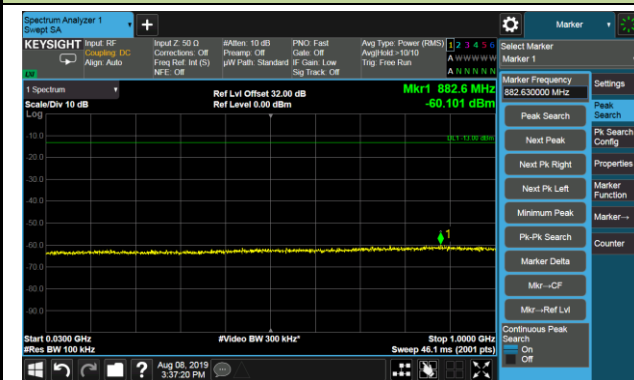
In-band Mask



9kHz - 30MHz



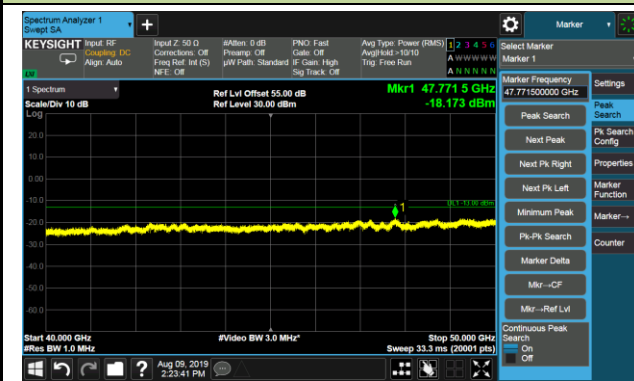
30MHz - 1GHz



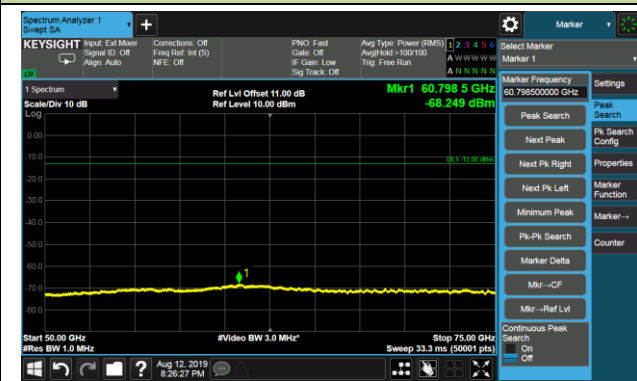
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

For 50% - 100% of Authorization Bandwidth = $34.24 - 25 = 9.24\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.24 - 35 = -0.76\text{dBm}$;

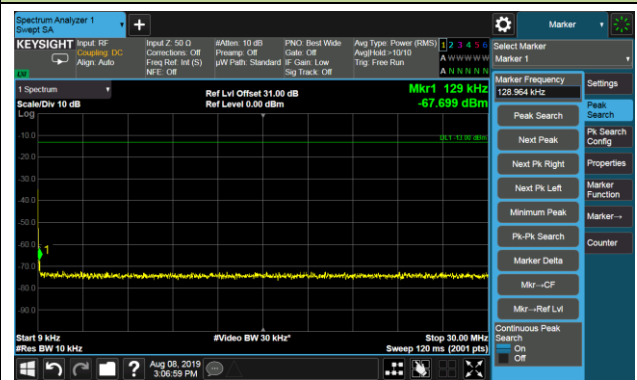
For above 250% of Authorization Bandwidth = $34.24 - [43 + 10 \log_{10}(2.655)] = -13\text{dBm}$.

21/44 QPSK (2863.636kbps) - 14250MHz - Unwanted Emission at Antenna Terminal

In-band Mask



9kHz - 30MHz



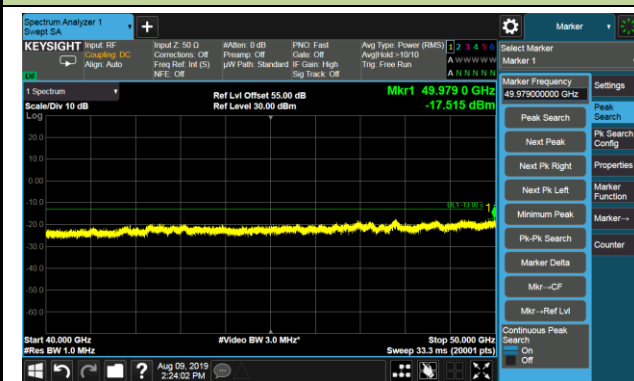
30MHz - 1GHz



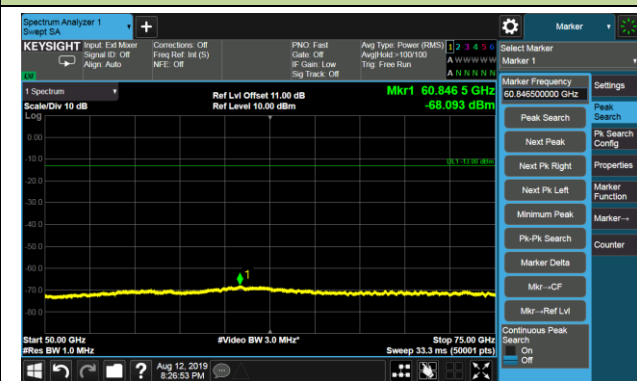
1GHz - 40GHz



40GHz - 50GHz



50GHz - 75GHz



Note 1: Authorization Bandwidth = 8MHz.

Note 2: Emission limits are calculated based on following:

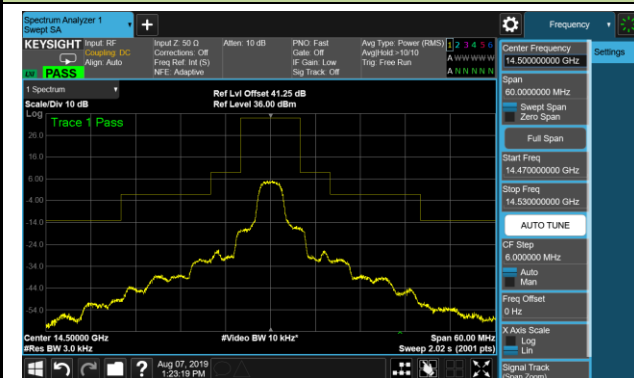
For 50% - 100% of Authorization Bandwidth = $34.75 - 25 = 9.75\text{dBm}$;

For 100% - 250% of Authorization Bandwidth = $34.75 - 35 = -0.25\text{dBm}$;

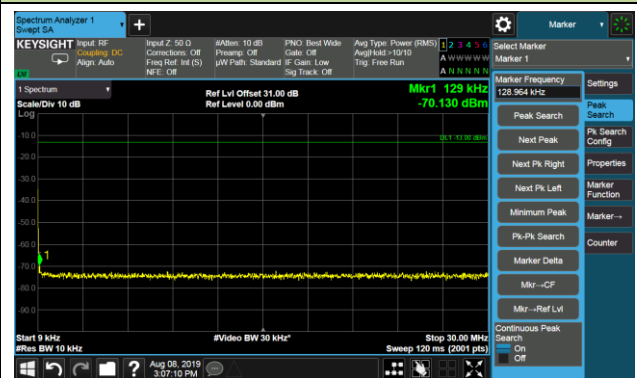
For above 250% of Authorization Bandwidth = $34.75 - [43 + 10 \log_{10}(2.985)] = -13\text{dBm}$.

21/44 QPSK (2863.636kbps) - 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 = 33.98 - 25 = 8.98dBm;

For 100% - 250% of Authorization Bandwidth = 33.98 - 35 = -1.02dBm;

For above 250% of Authorization Bandwidth = 33.98 - [43 + 10 log₁₀ (2.500)] = -13dBm.