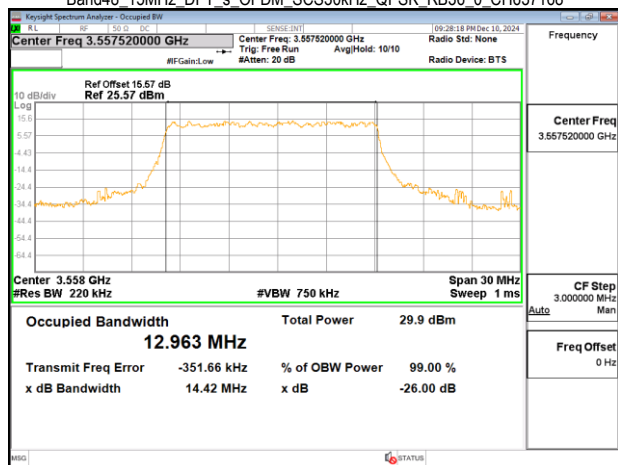
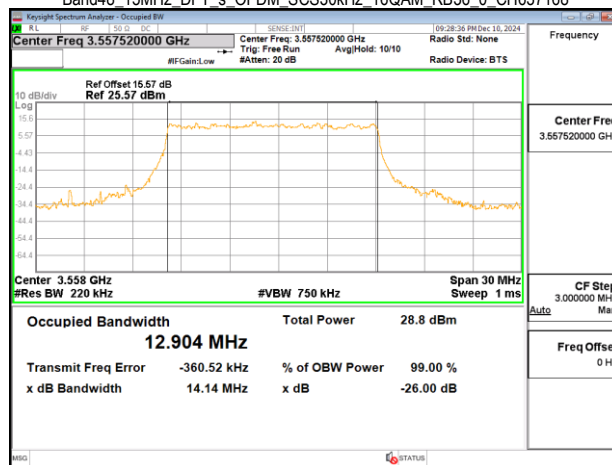


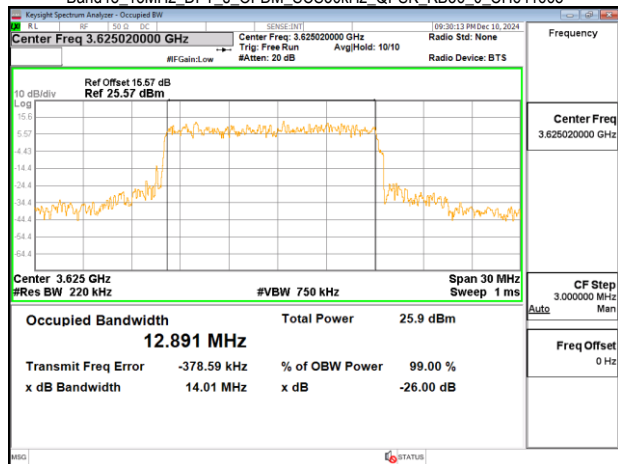
Band48 15MHz DFT s OFDM SCS30kHz QPSK RB36 0 CH637168



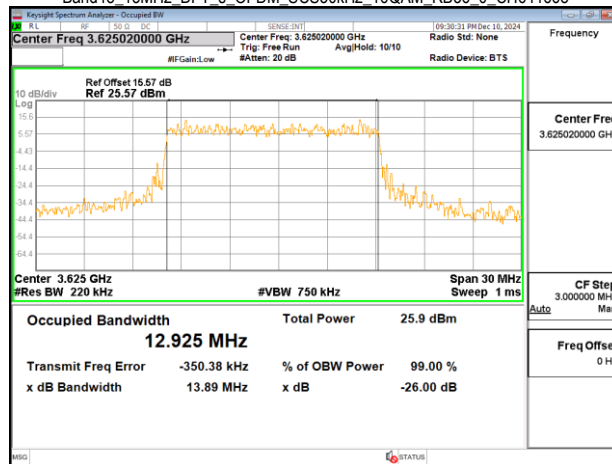
Band48 15MHz DFT s OFDM SCS30kHz 16QAM RB36 0 CH637168



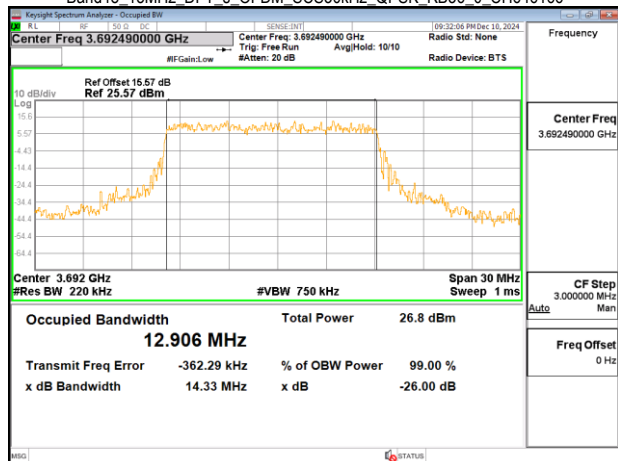
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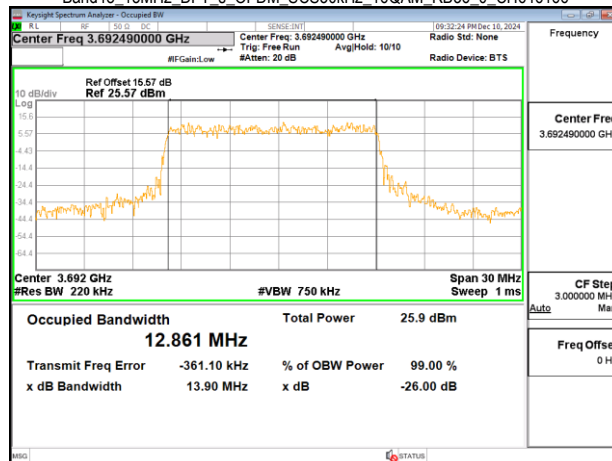
Band48 15MHz DFT s OFDM SCS30kHz 16QAM RB36 0 CH641668



Band48 15MHz DFT s OFDM SCS30kHz QPSK RB36 0 CH646166



Band48 15MHz DFT s OFDM SCS30kHz 16QAM RB36 0 CH646166

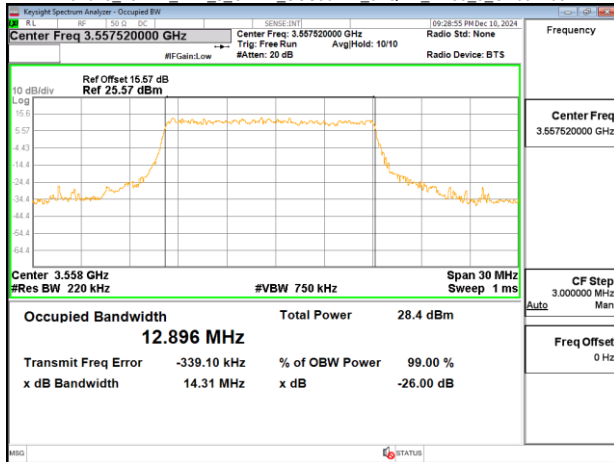


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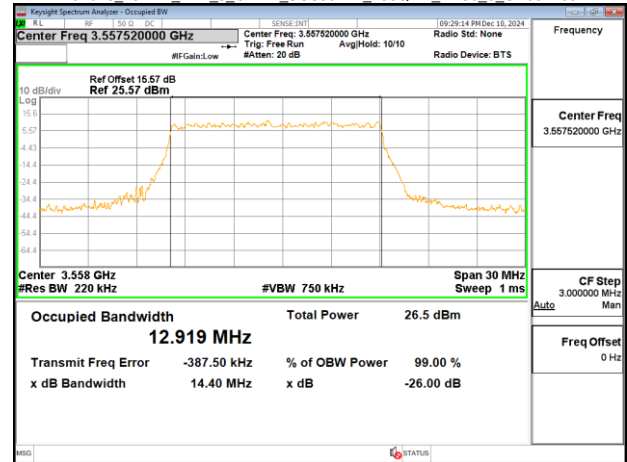
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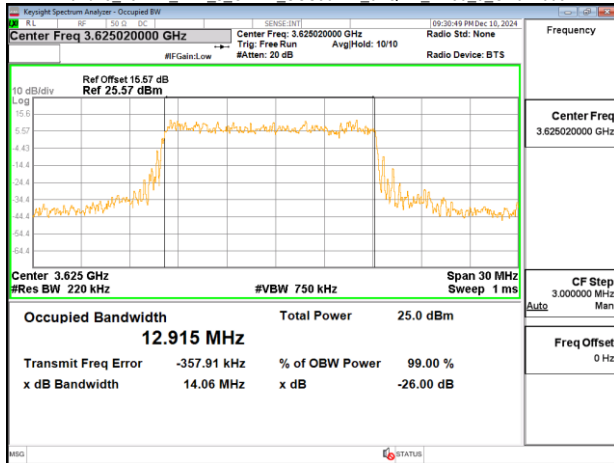
Band48 15MHz DFT s OFDM SCS30kHz 64QAM RB36_0 CH637168



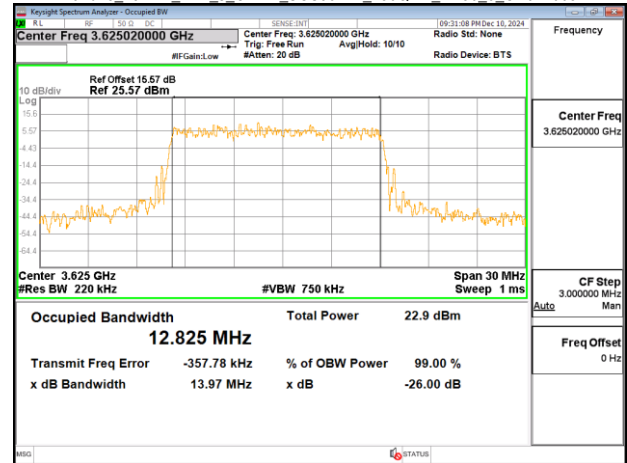
Band48 15MHz DFT s OFDM SCS30kHz 256QAM RB36_0 CH637168



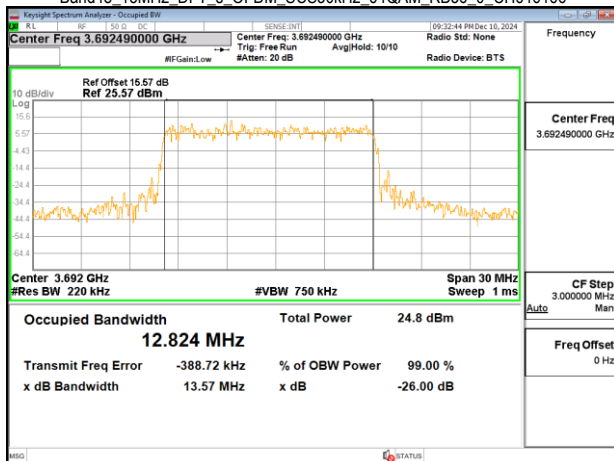
Band48 15MHz DFT s OFDM SCS30kHz 64QAM RB36_0 CH641668



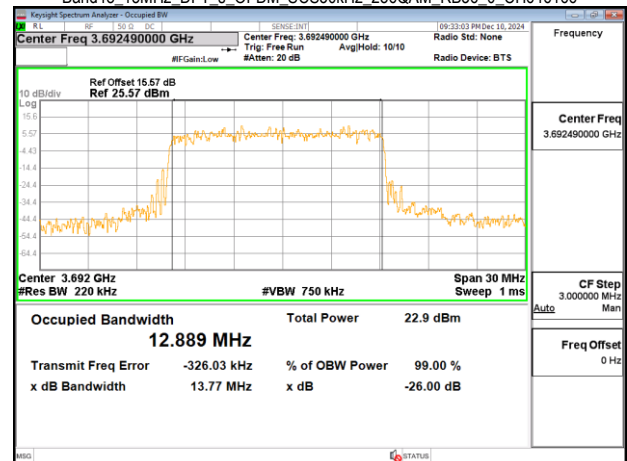
Band48 15MHz DFT s OFDM SCS30kHz 256QAM RB36_0 CH641668



Band48 15MHz DFT s OFDM SCS30kHz 64QAM RB36_0 CH646166



Band48 15MHz DFT s OFDM SCS30kHz 256QAM RB36_0 CH646166

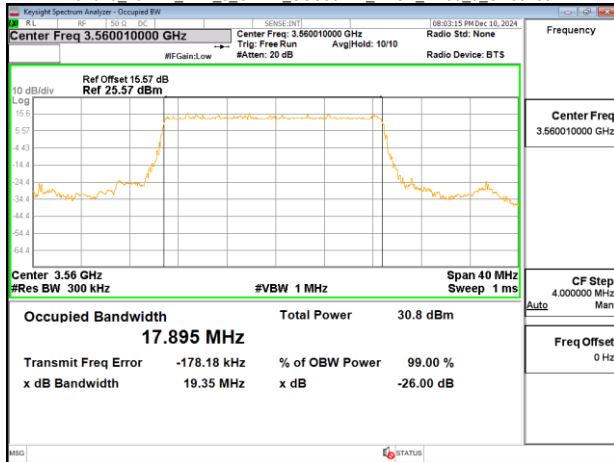


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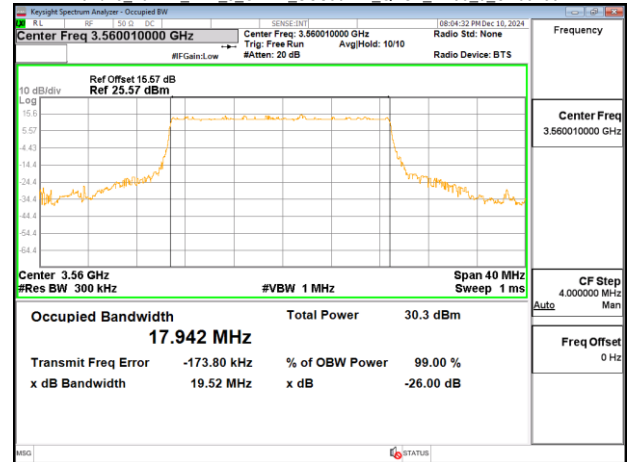
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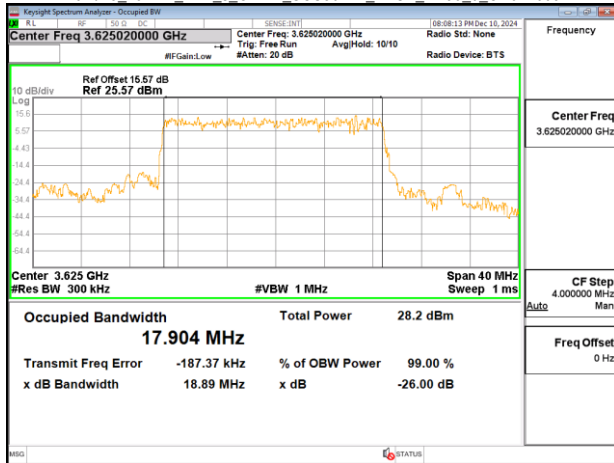
Band48 20MHz DFT s OFDM SCS30kHz BPSK RB50_0 CH637334



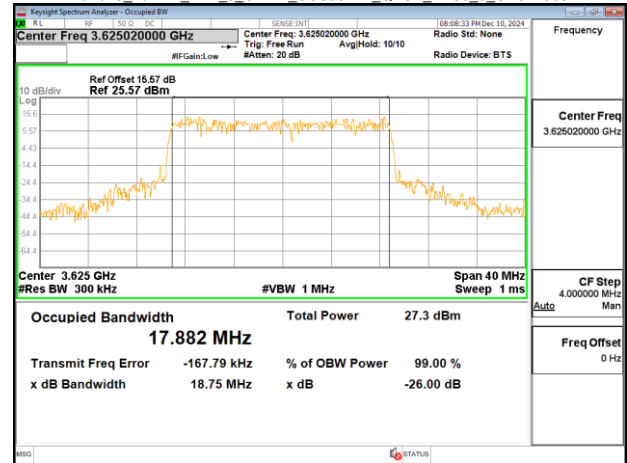
Band48 20MHz DFT s OFDM SCS30kHz QPSK RB50_0 CH637334



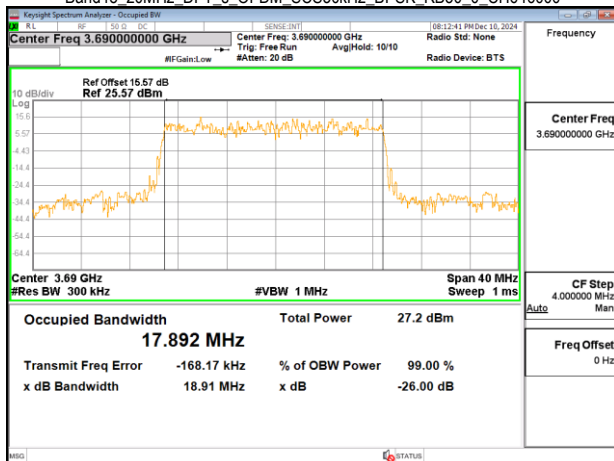
Band48 20MHz DFT s OFDM SCS30kHz BPSK RB50_0 CH641668



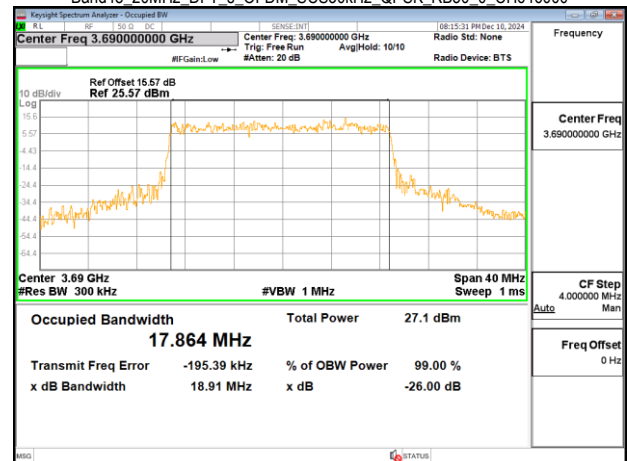
Band48 20MHz DFT s OFDM SCS30kHz QPSK RB50_0 CH641668



Band48 20MHz DFT s OFDM SCS30kHz BPSK RB50_0 CH646000



Band48 20MHz DFT s OFDM SCS30kHz QPSK RB50_0 CH646000

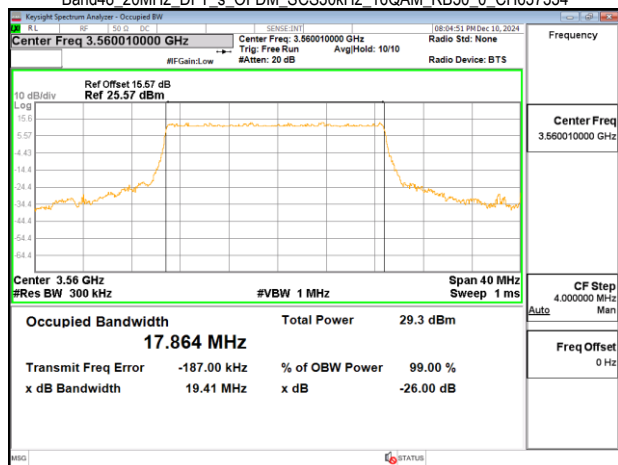


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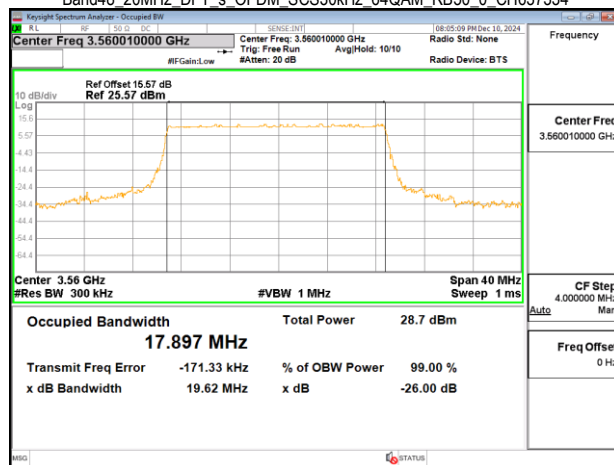
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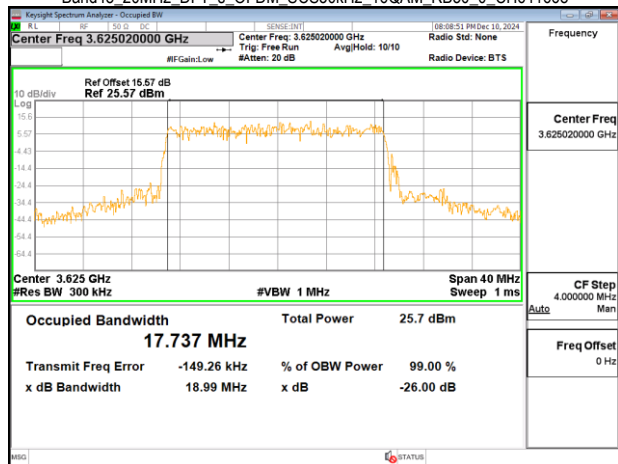
Band48 20MHz DFT s OFDM SCS30kHz 16QAM RB50_0 CH637334



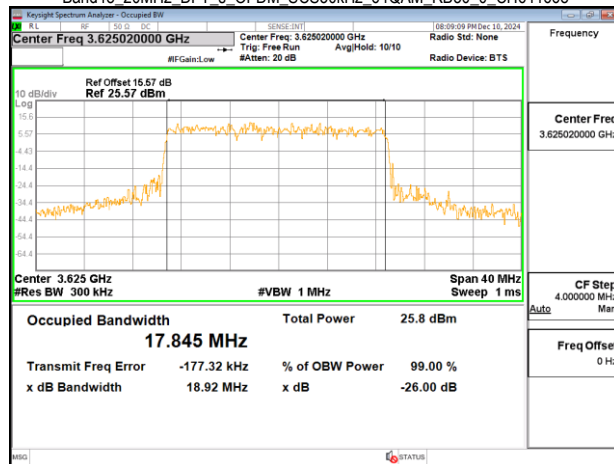
Band48 20MHz DFT s OFDM SCS30kHz 64QAM RB50_0 CH637334



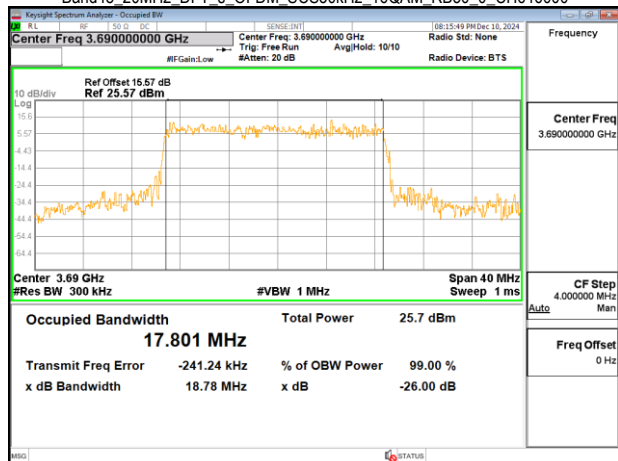
Band48 20MHz DFT s OFDM SCS30kHz 16QAM RB50_0 CH641668



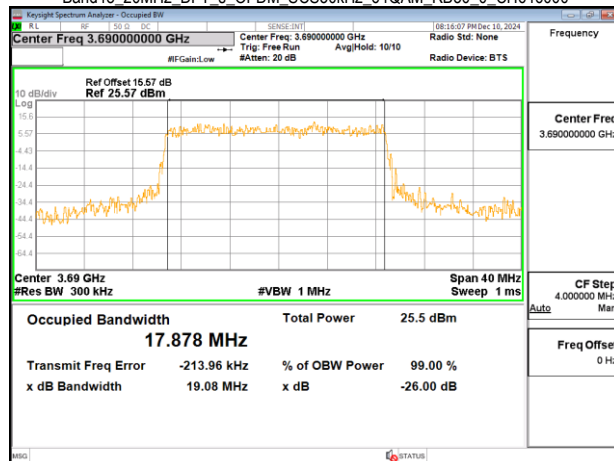
Band48 20MHz DFT s OFDM SCS30kHz 64QAM RB50_0 CH641668



Band48 20MHz DFT s OFDM SCS30kHz 16QAM RB50_0 CH646000



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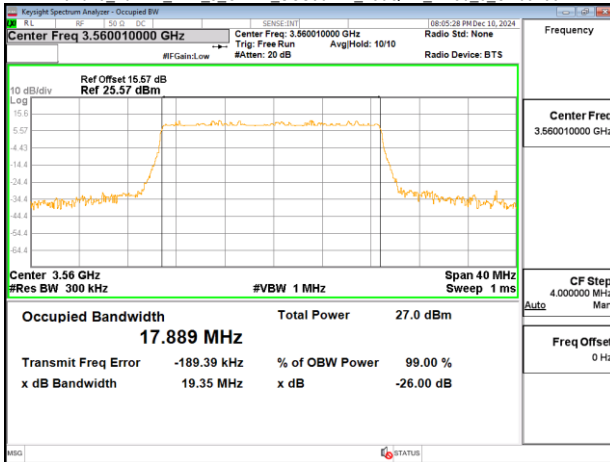


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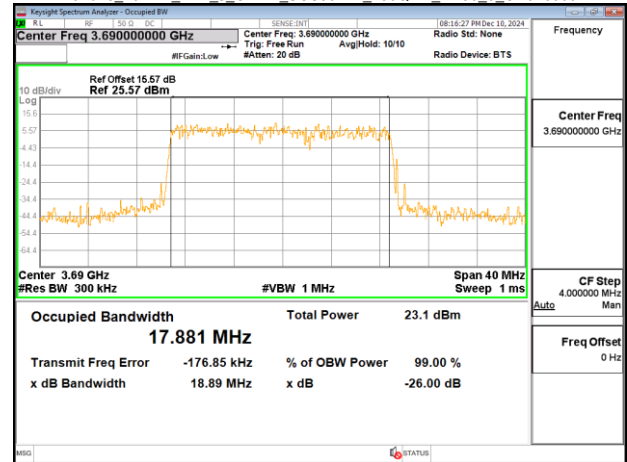
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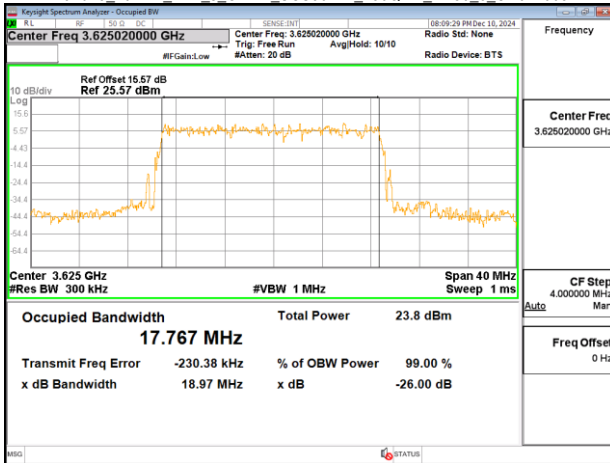
Band48 20MHz DFT_s OFDM SCS30kHz 256QAM RB50_0 CH637334



Band48 20MHz DFT_s OFDM SCS30kHz 256QAM RB50_0 CH646000



Band48 20MHz DFT_s OFDM SCS30kHz 256QAM RB50_0 CH641668



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10 OUT OF BAND EMISSION AT ANTENNA TERMINALS

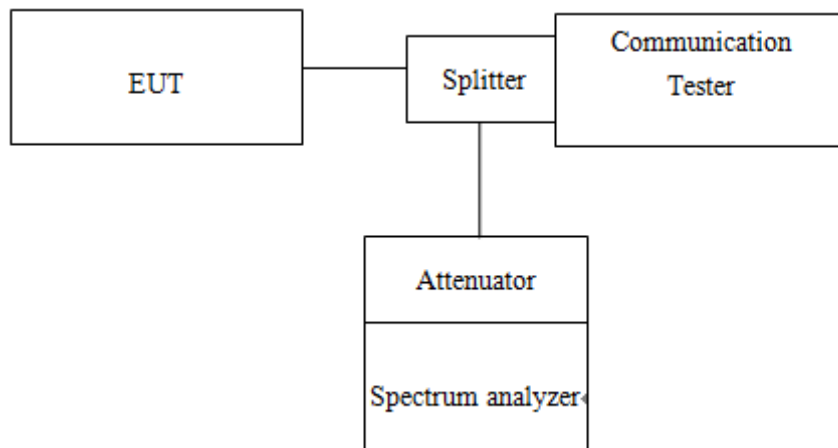
10.1 Standard Applicable

FCC Part 2.1051, Part 96.41, C63.26 Clause 5.7.

For channel and frequency assignments made by the SAS to CBSDs, the conducted power of any CBSD emission outside the fundamental emission bandwidth as specified in paragraph (e)(3) of this section (whether the emission is inside or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any CBSD emission shall not exceed -25 dBm/MHz. The upper and lower SAS assigned channel edges are the upper and lower limits of any channel assigned to a CBSD by an SAS, or in the case of multiple contiguous channels, the upper and lower limits of the combined contiguous channels.

For CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz.

10.2 Test SET-UP



10.3 Measurement Procedure

10.3.1 Conducted Emission

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

To connect Antenna Port of EUT to Spectrum.

Set RBW = 1MHz & VBW = 1MHz on Spectrum.

Allow trace to fully stabilize

Repeat above procedures until all default test channel measured were complete.

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10.3.2 Band Edge

1. To connect Antenna Port of EUT to Spectrum.
2. The band edge of low and high channels for the highest RF powers was measured.
Setting RBW $\geq$ 1% EBW.
3. Allow trace to fully stabilize
4. Repeat above procedures until all default test channel measured were complete.

10.4 Test Results:

Refer to next page for test plots.

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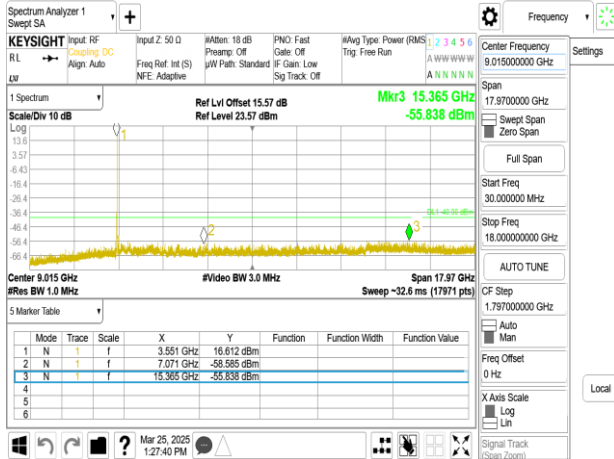
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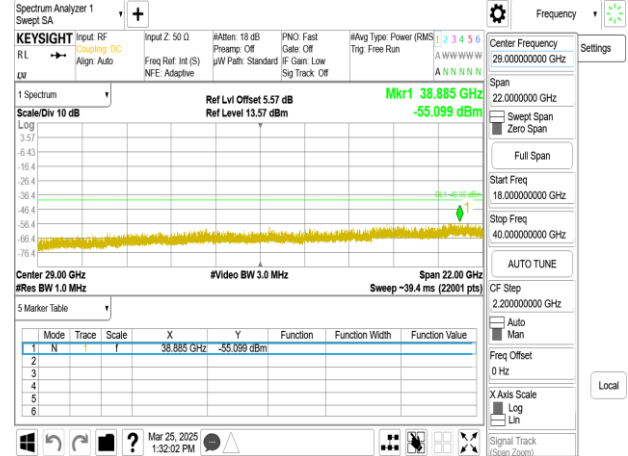
10.4.1 Unwanted Emission

Mode: LTE

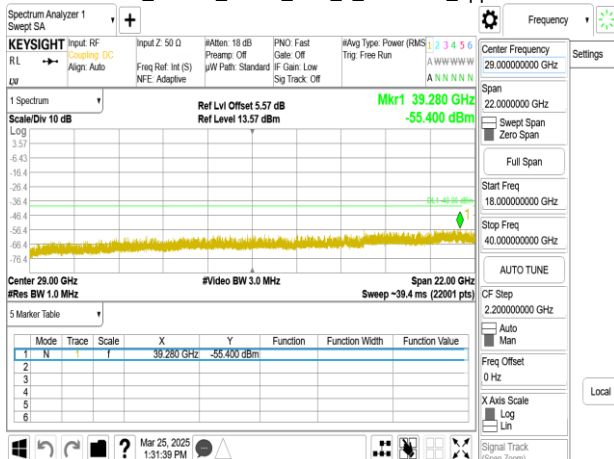
Band48_20MHz_QPSK_RB1_0_CH55340_below 18G



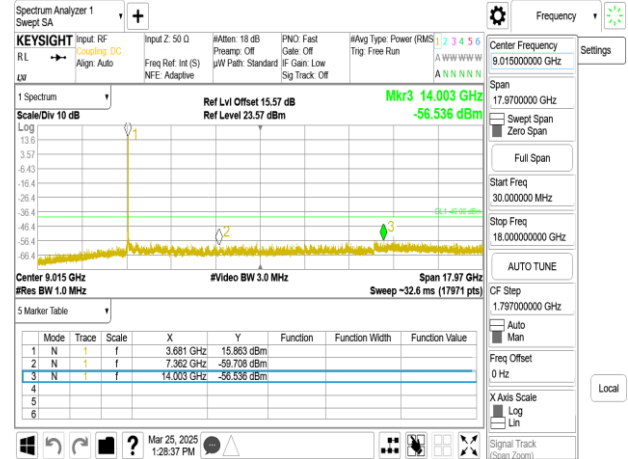
Band48_20MHz_QPSK_RB1_0_CH55990_upper 18G



Band48_20MHz_QPSK_RB1_0_CH55340_upper 18G



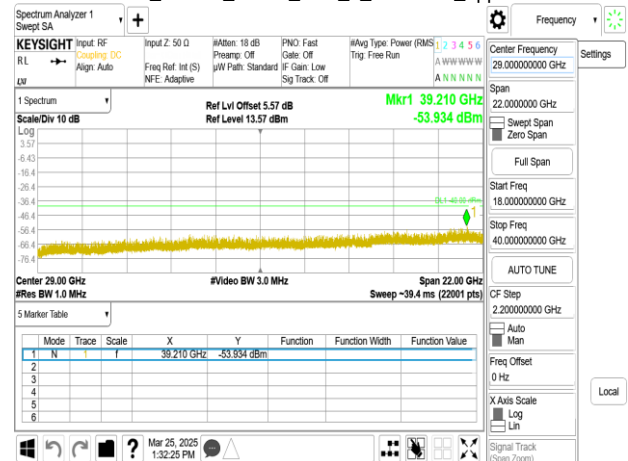
Band48_20MHz_QPSK_RB1_0_CH56640_below 18G



Band48_20MHz_QPSK_RB1_0_CH55990_below 18G



Band48_20MHz_QPSK_RB1_0_CH56640_upper 18G

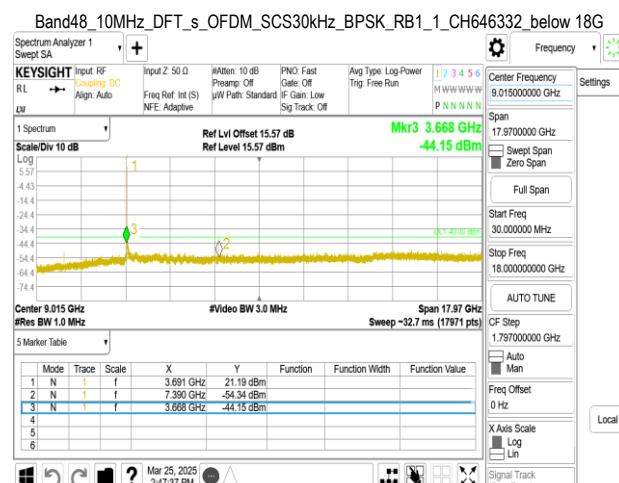
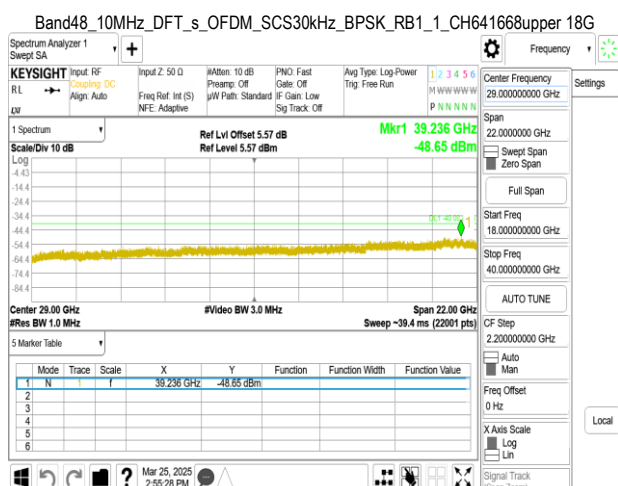
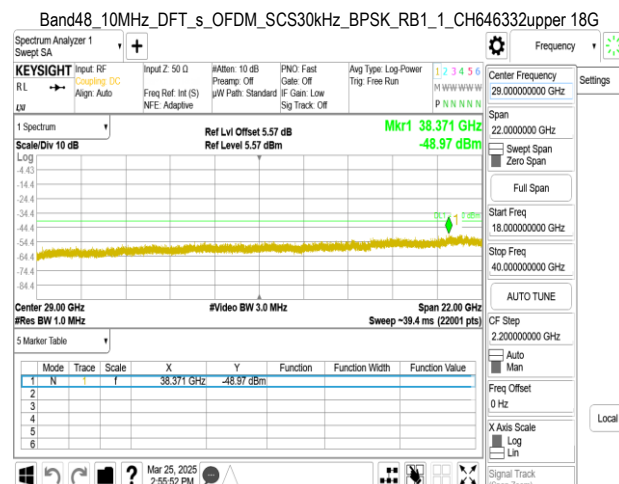
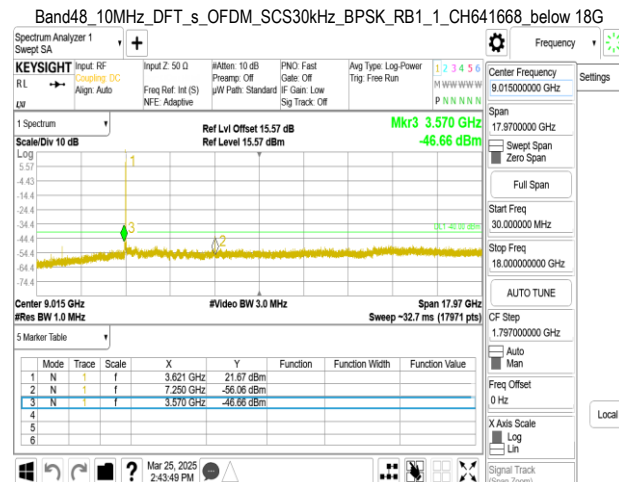
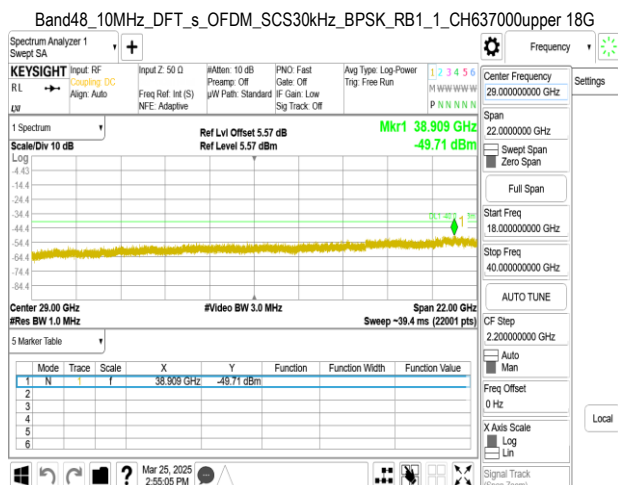


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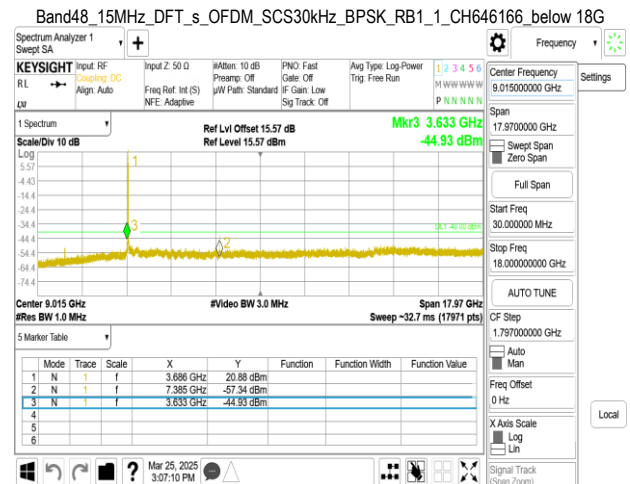
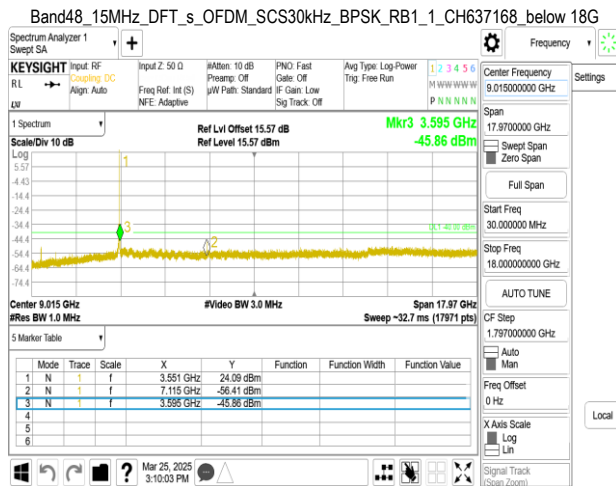
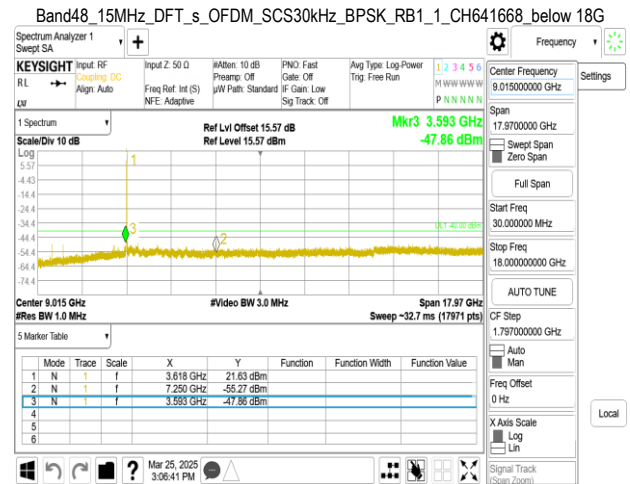
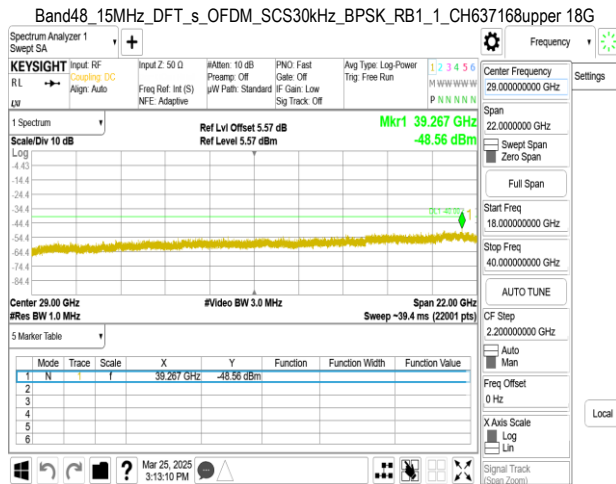
Mode: 5G NR



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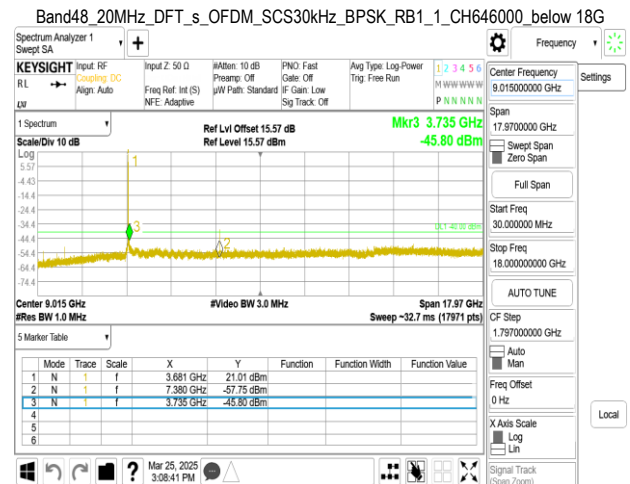
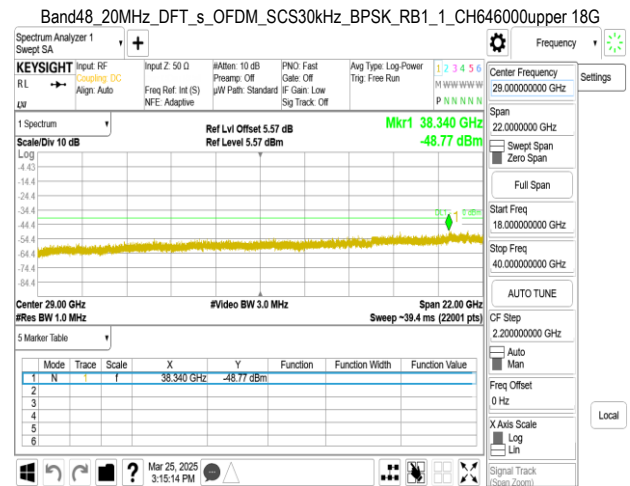
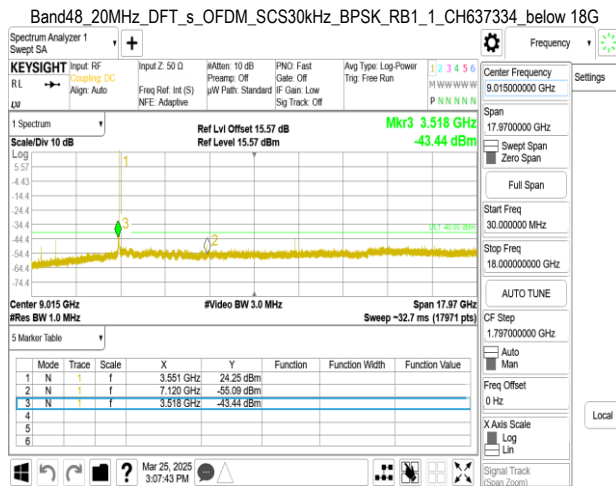
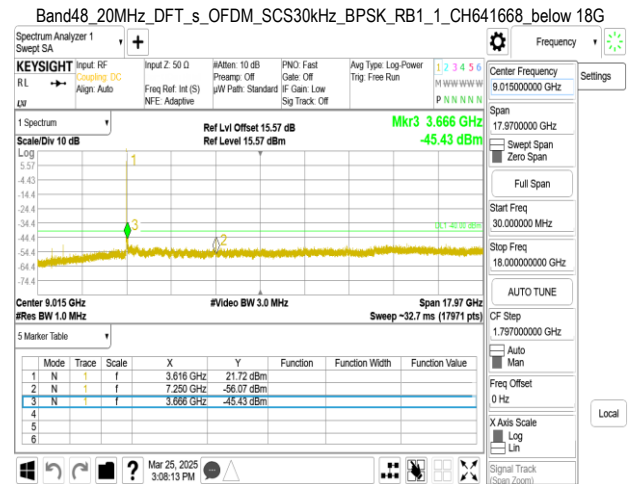
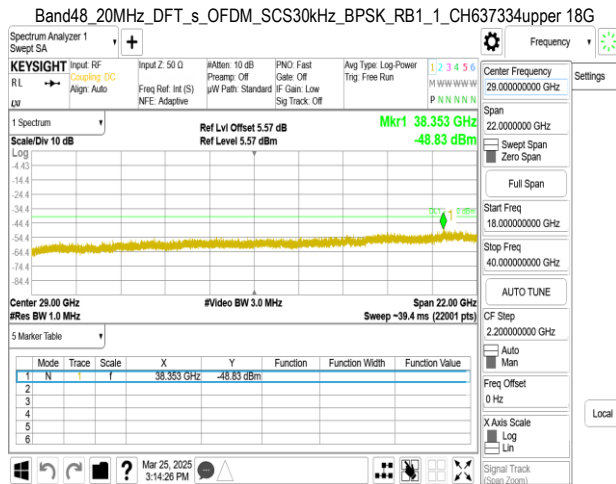
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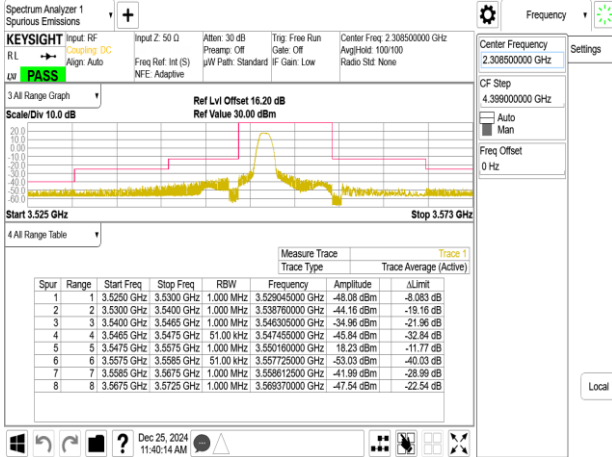
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10.4.2 Band Edge:

Mode: LTE

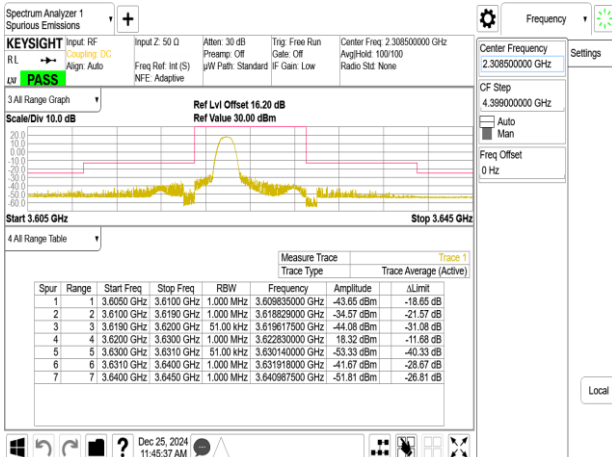
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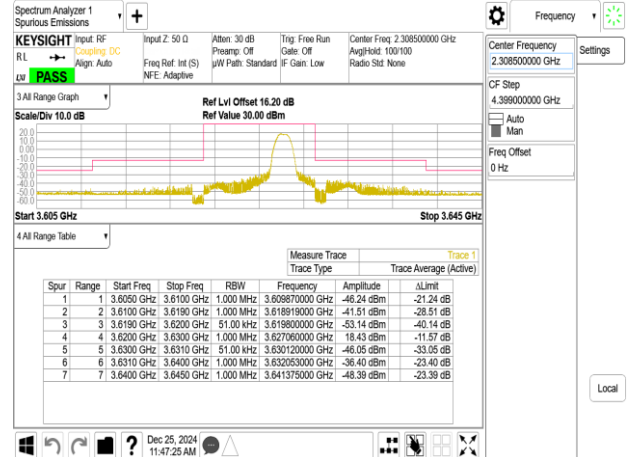
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Emission Mask_Band48_5MHz_QPSK_RB1_0_CH55990



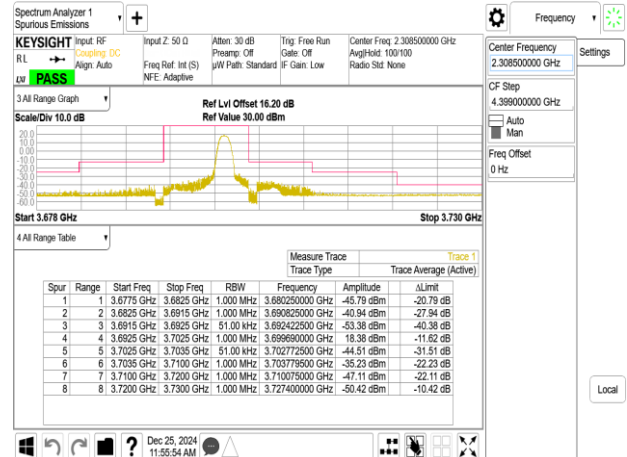
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Emission Mask_Band48_5MHz_QPSK_RB1_0_CH56715



Emission Mask_Band48_5MHz_QPSK_RB1_24_CH56715

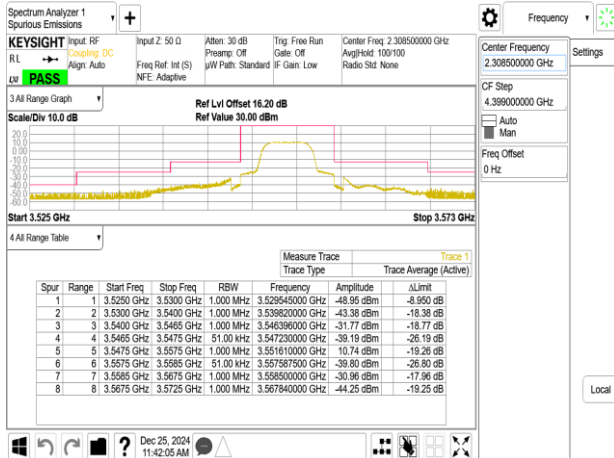


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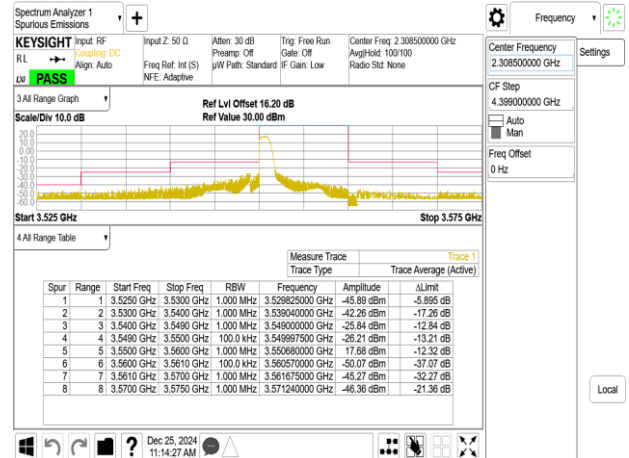
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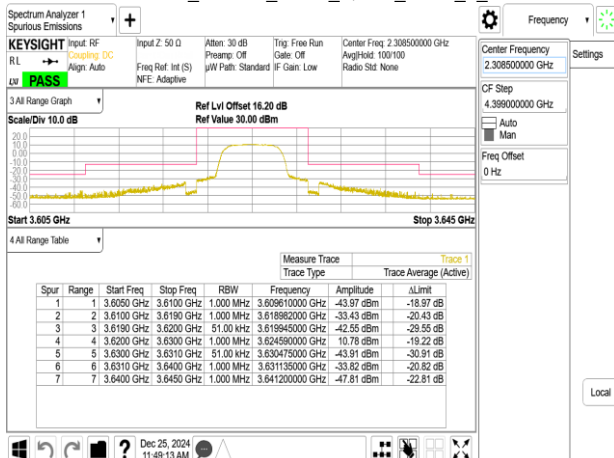
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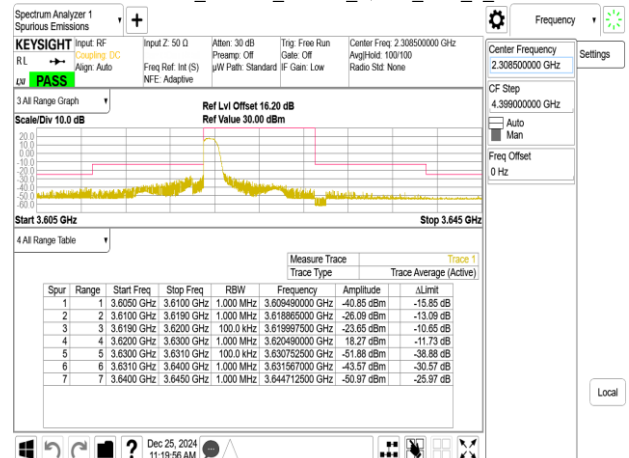
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Emission Mask_Band48_5MHz_QPSK_RB25_0_CH55990



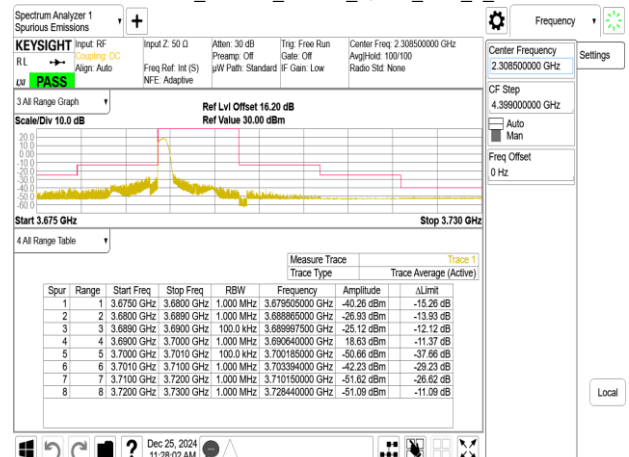
Emission Mask_Band48_10MHz_QPSK_RB1_0_CH55990



Emission Mask_Band48_5MHz_QPSK_RB25_0_CH56715



Emission Mask_Band48_10MHz_QPSK_RB1_0_CH56690



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