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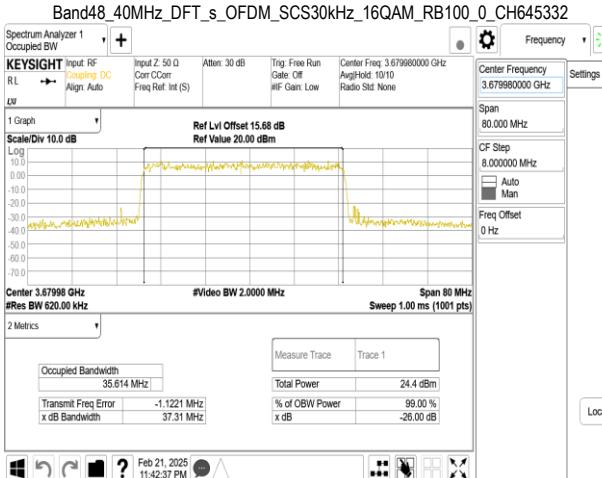
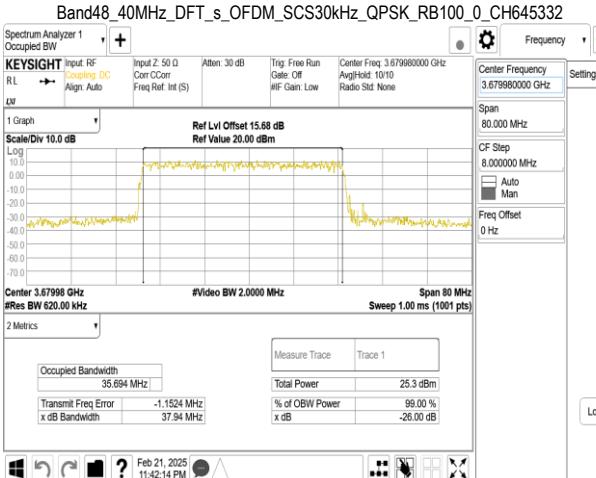
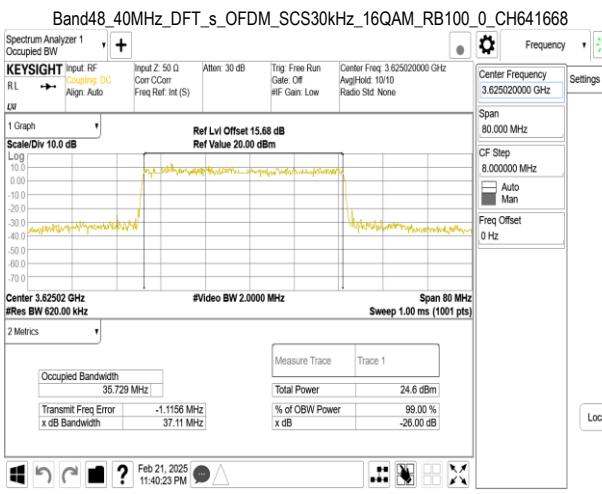
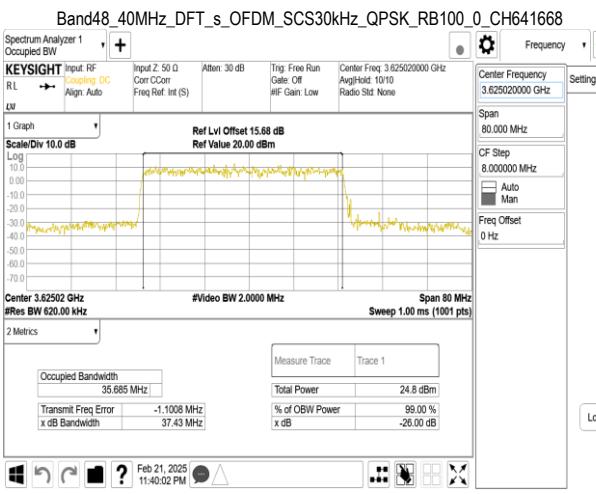
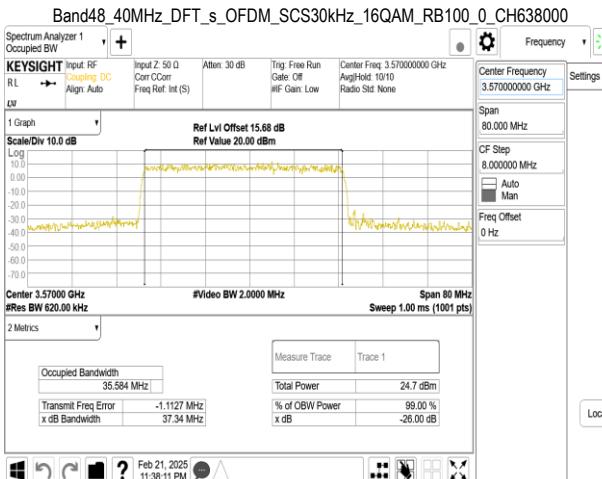
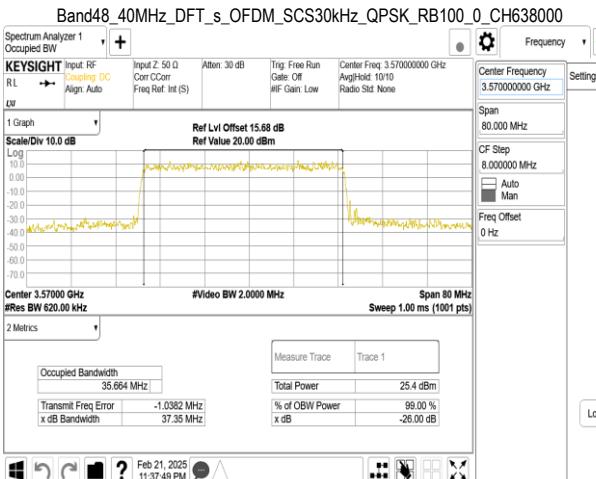
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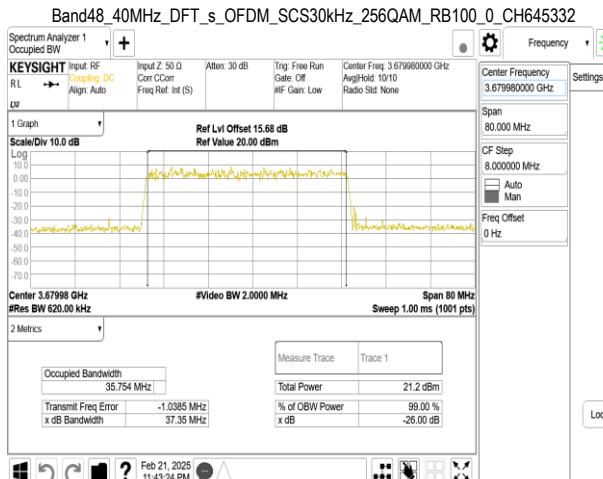
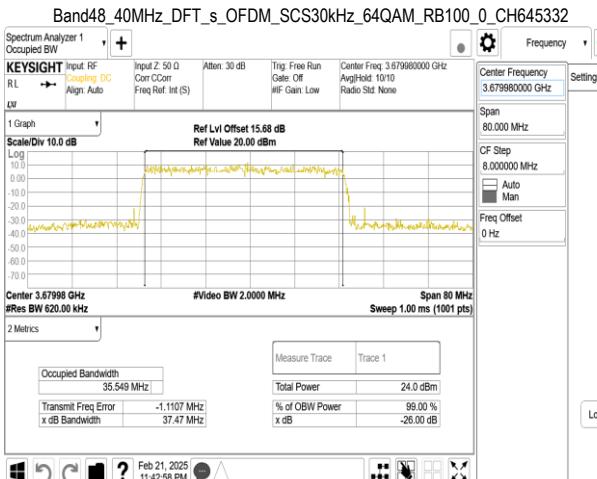
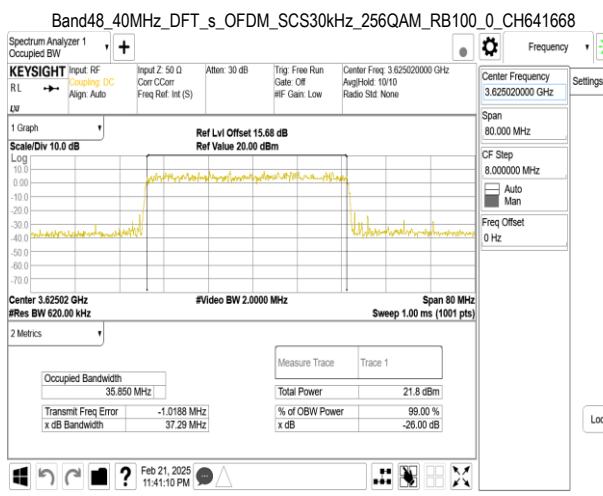
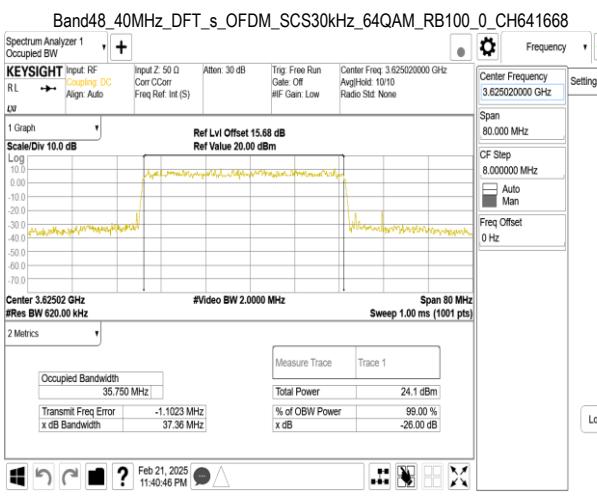
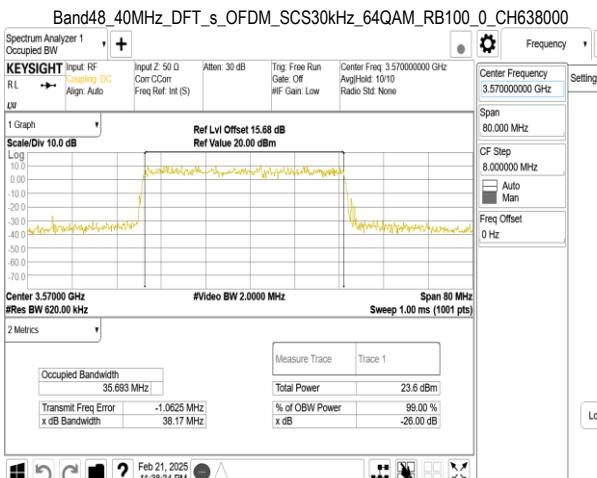
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10 OUT OF BAND EMISSION AT ANTENNA TERMINALS

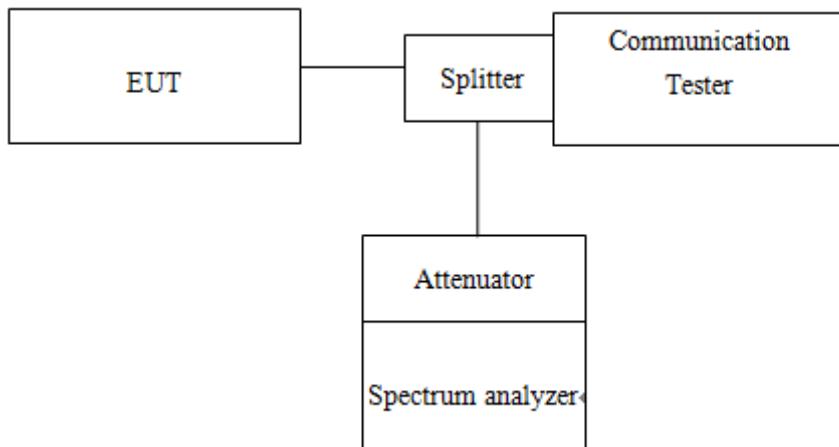
10.1 Standard Applicable

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 $\geq 1\% \text{ EBW}$.
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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10.4.1 Unwanted Emission

Mode: LTE

Band48_5MHz_QPSK_RB1_0_CH55265_below 18G



Band48_5MHz_QPSK_RB1_0_CH55265_upper 18G



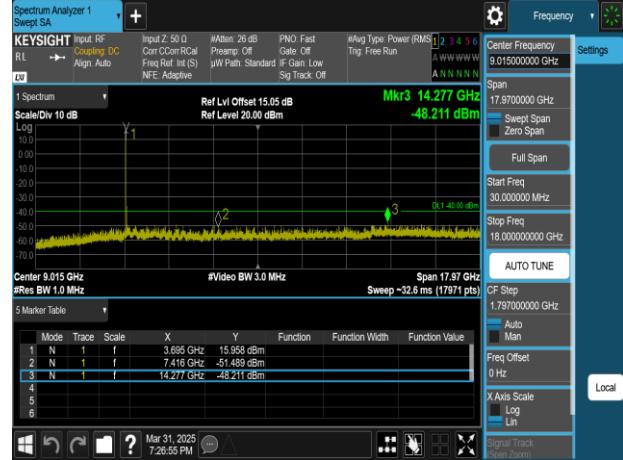
Band48_5MHz_QPSK_RB1_0_CH55990_below 18G



Band48_5MHz_QPSK_RB1_0_CH55990_upper 18G



Band48_5MHz_QPSK_RB1_0_CH56715_below 18G



Band48_5MHz_QPSK_RB1_0_CH56715_upper 18G



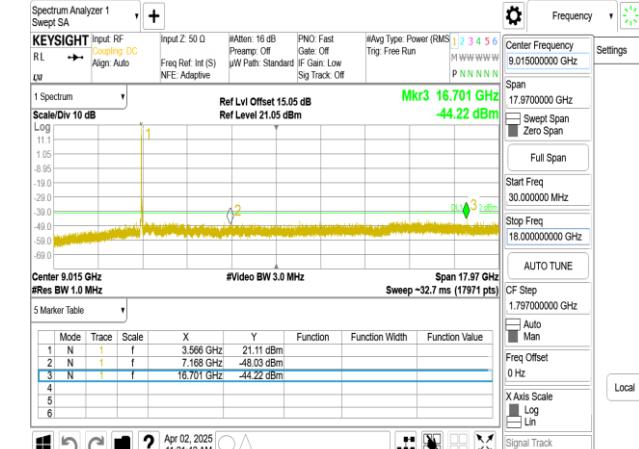
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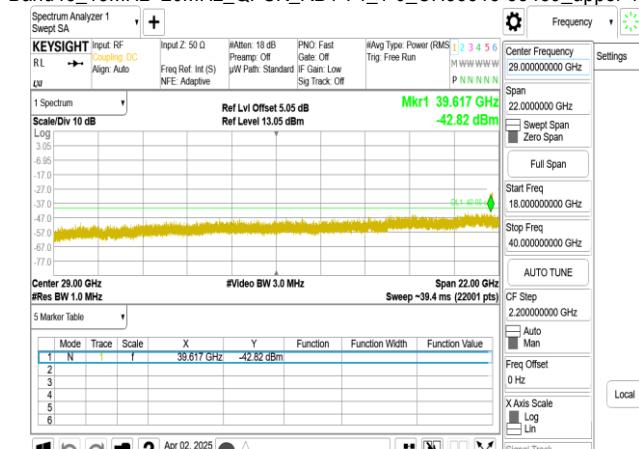
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Mode: ULCA

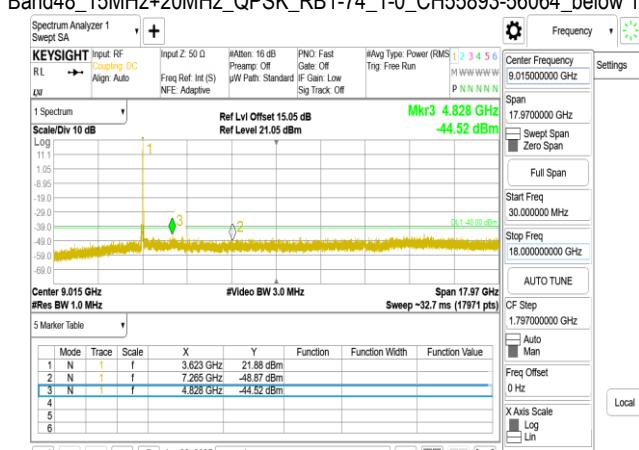
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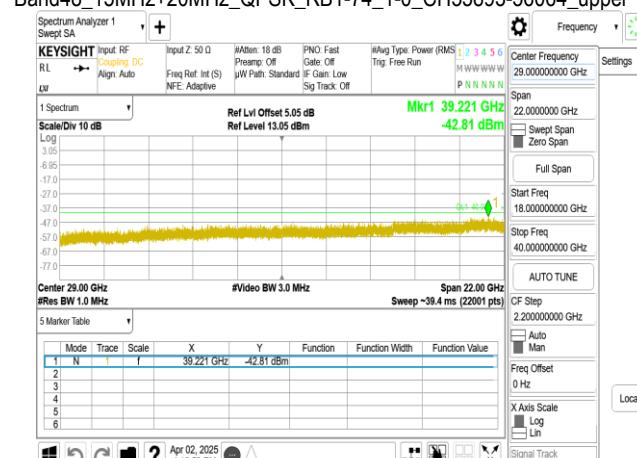
Band48 15MHz+20MHz QPSK RB1-74 1-0 CH55318-55489 upper 18G



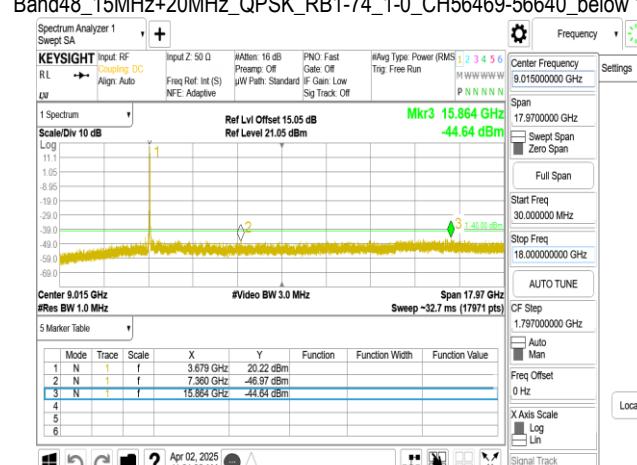
Band18 15MHz+20MHz QPSK BB1-74 1-0 CH55893-56064 below 18G



Band48 15MHz+20MHz QPSK BB1-74 1-0 CH55893-56064 upper 18G



Band48, 15MHz-20MHz, QRSK, RR1.74, 1.0, CH56160, 56610, below 18C



Band48 15MHz±20MHz QPSK RB1-74 1-0 CH56469-56640 upper 18G



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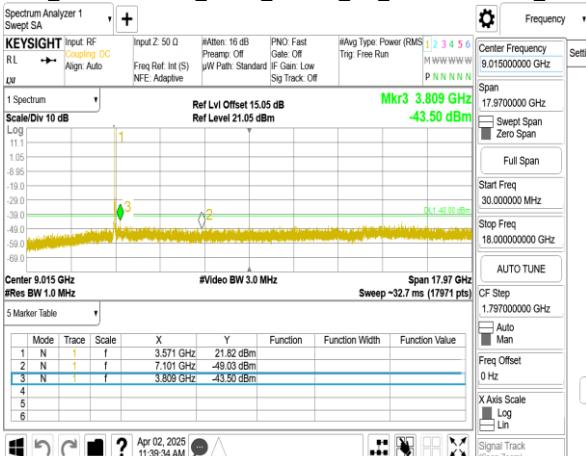
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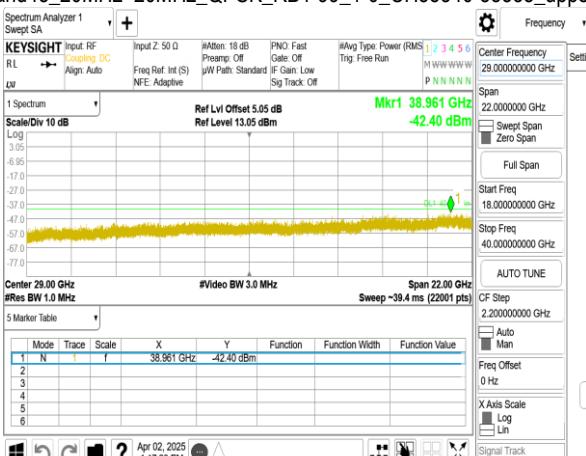
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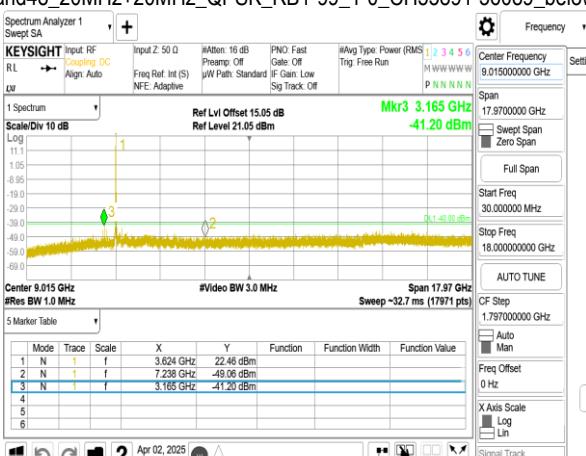
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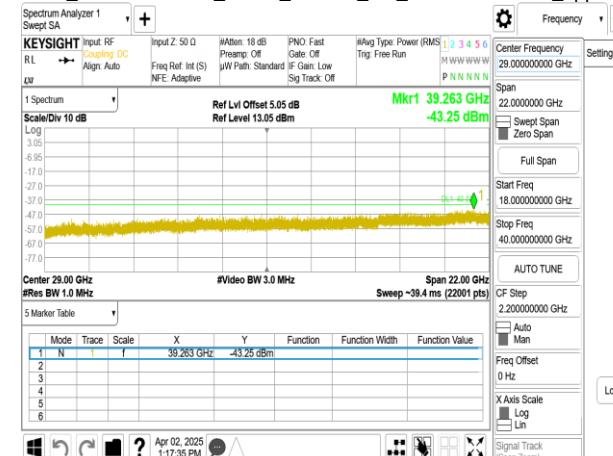
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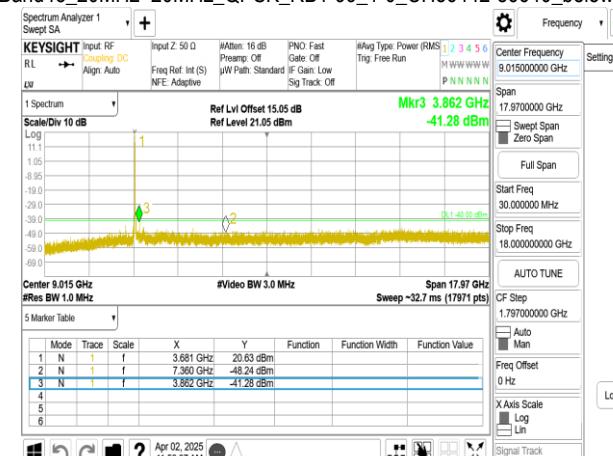
Band48_20MHz+20MHz_QPSK_RB1-99_1-0_CH55891-56089_below 18G



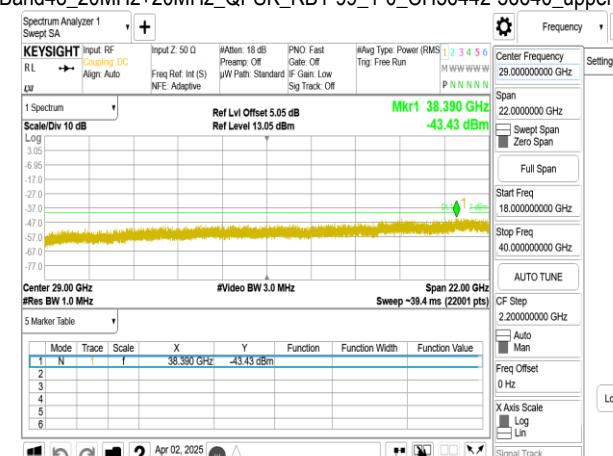
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Band48_20MHz+20MHz_QPSK_RB1-99_1-0_CH56442-56640_below 18G



Band48_20MHz+20MHz_QPSK_RB1-99_1-0_CH56442-56640_upper 18G



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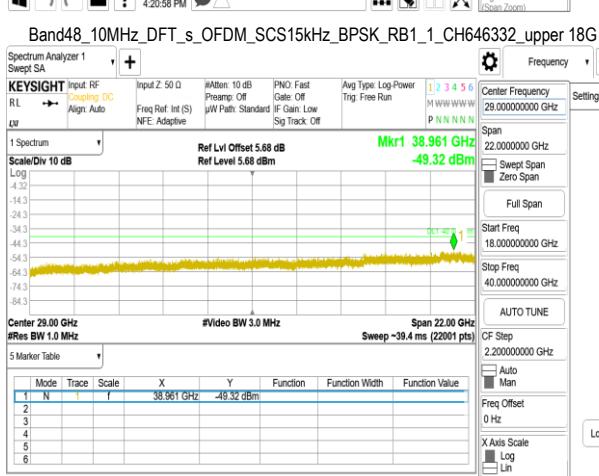
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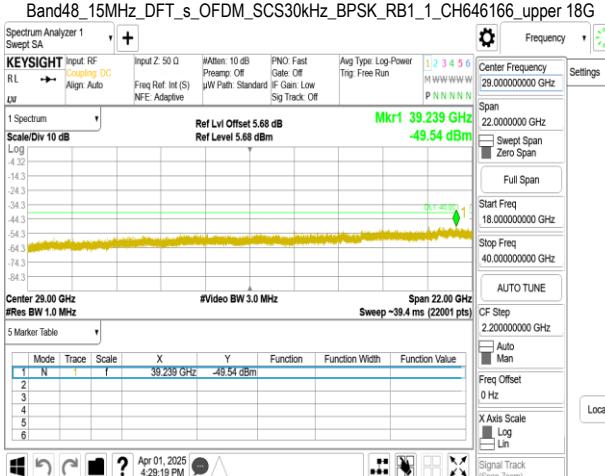
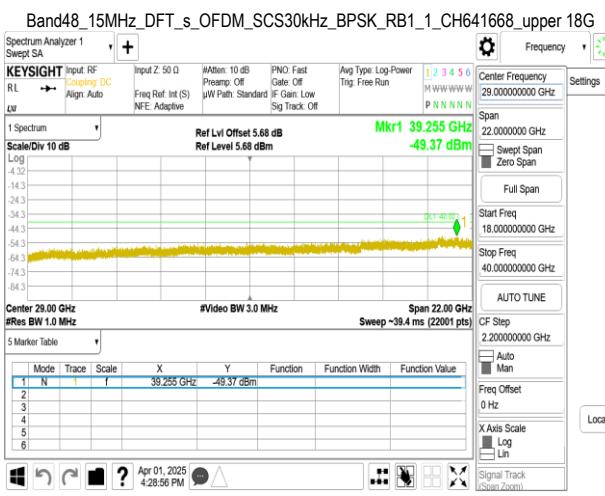
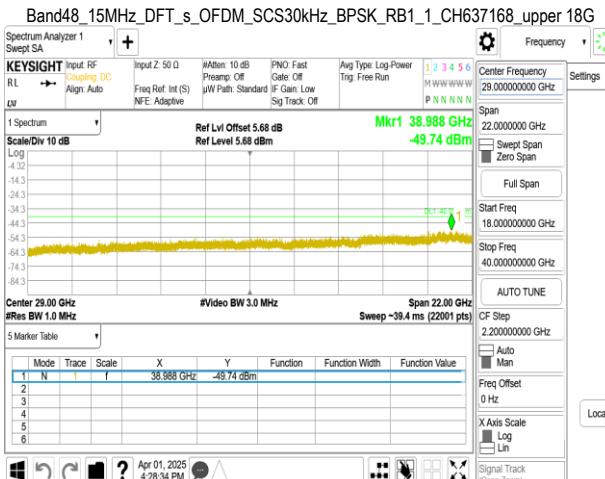
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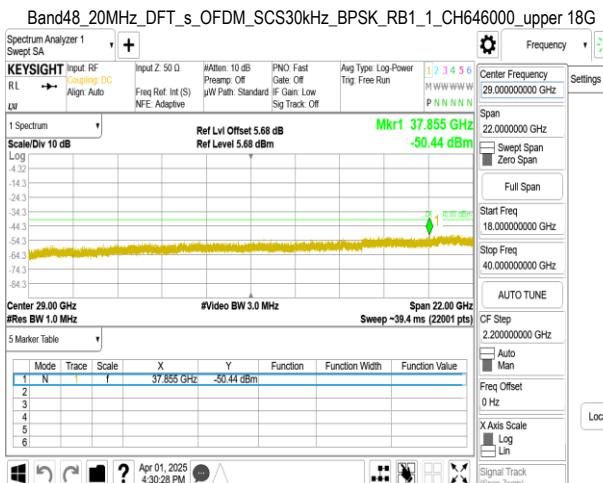
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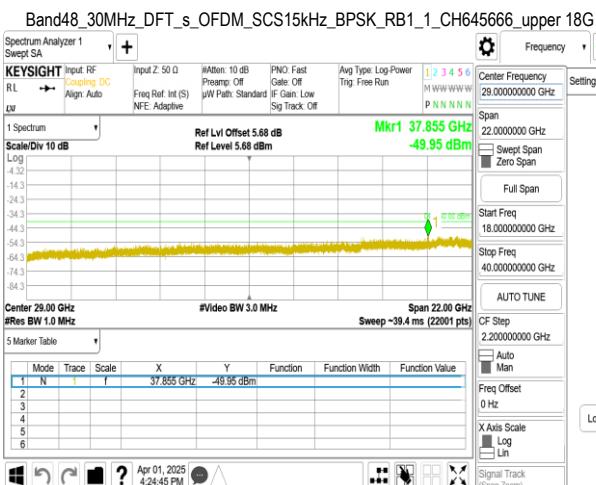
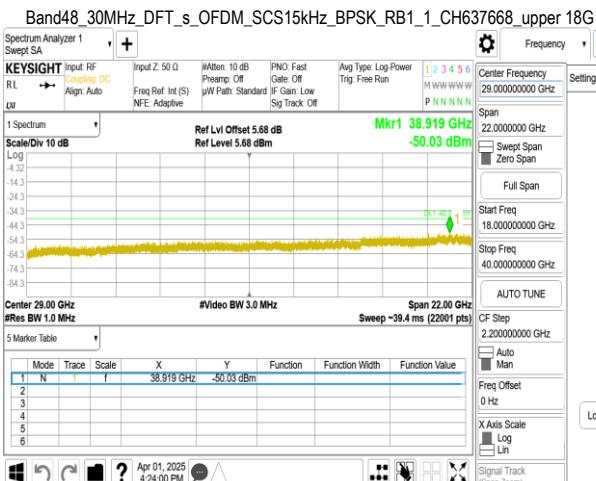
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