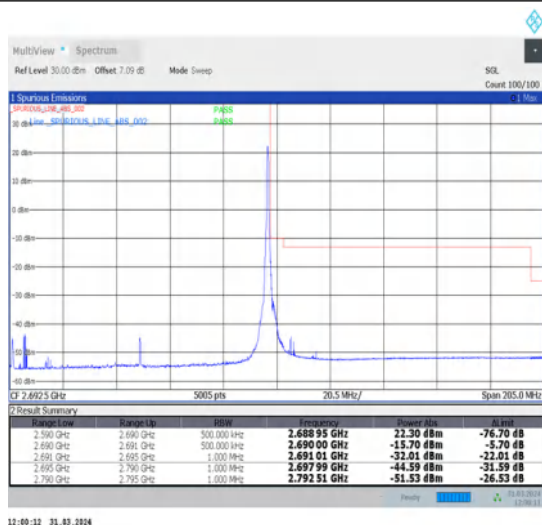
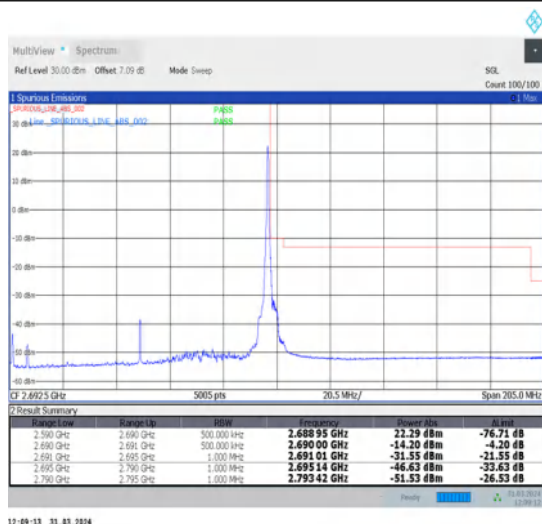




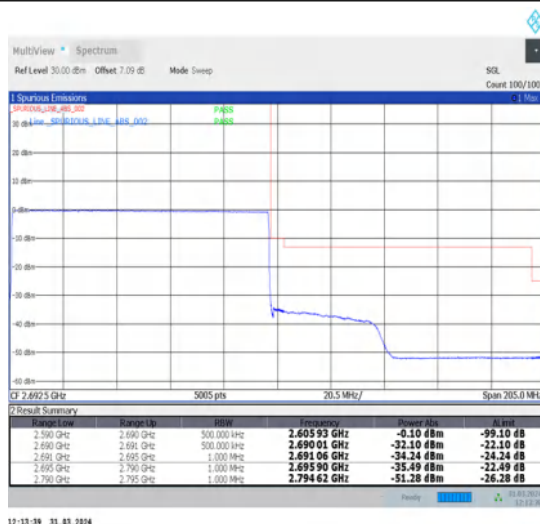
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1-N41-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph



1-N41-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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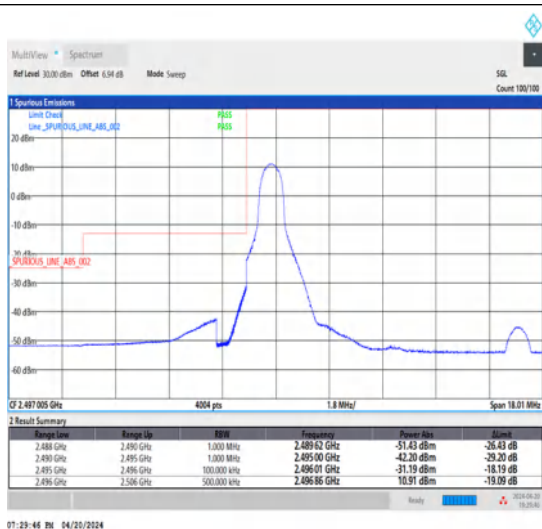
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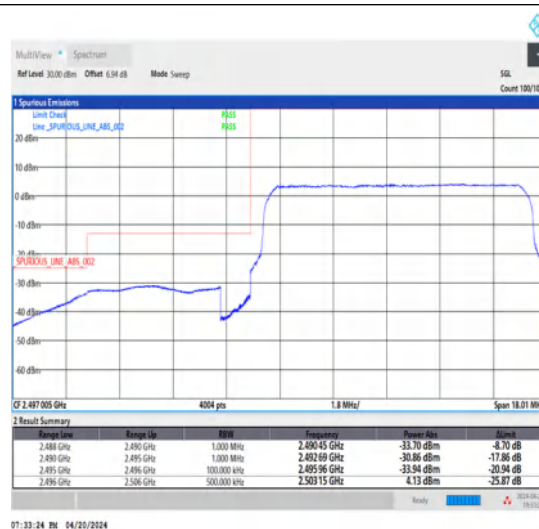
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Band Edge for MIMO ANT1

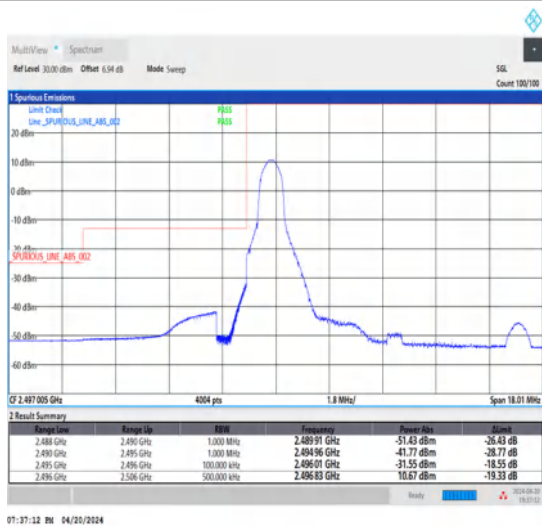
Test Graphs



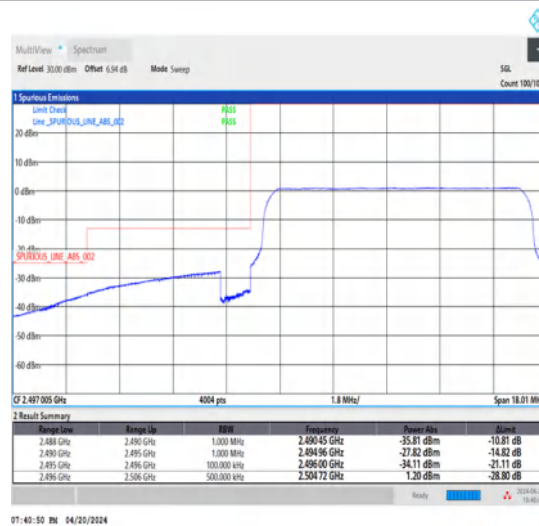
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1-N41-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N41-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph

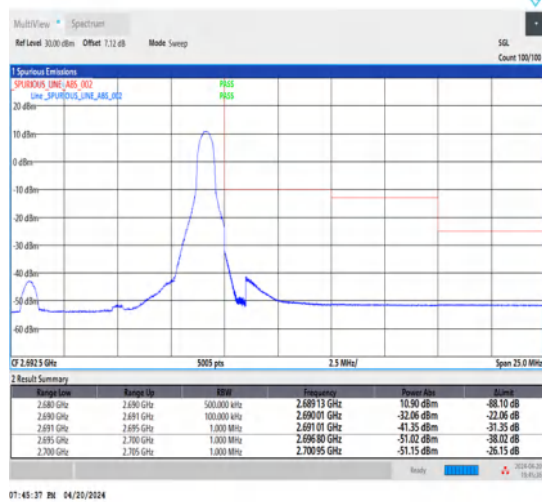


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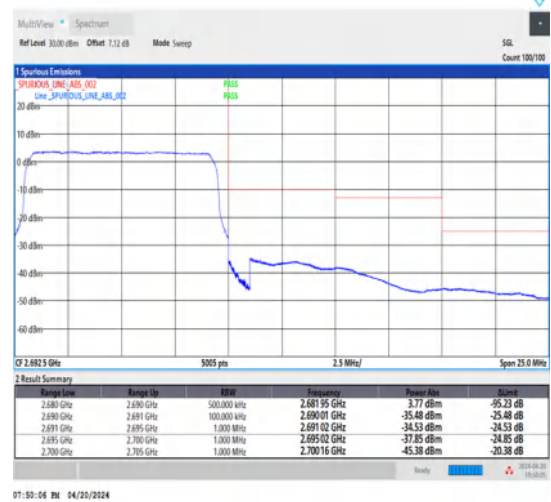
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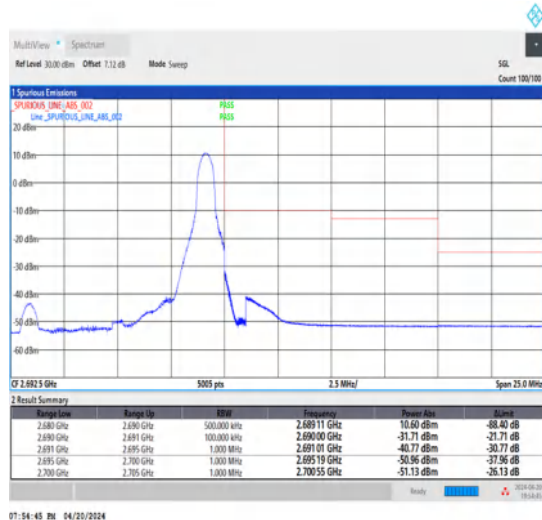
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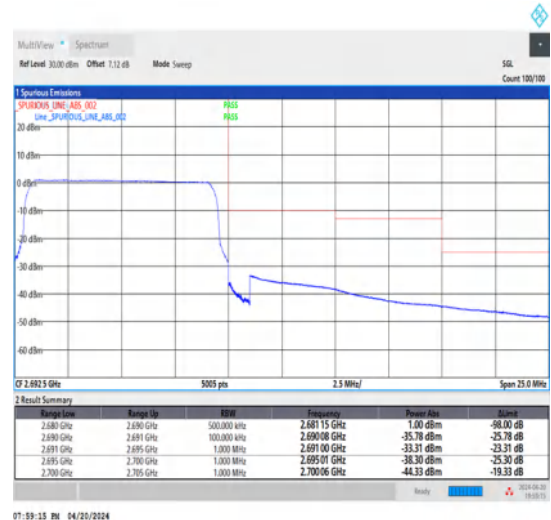
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1-N41-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph



1-N41-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



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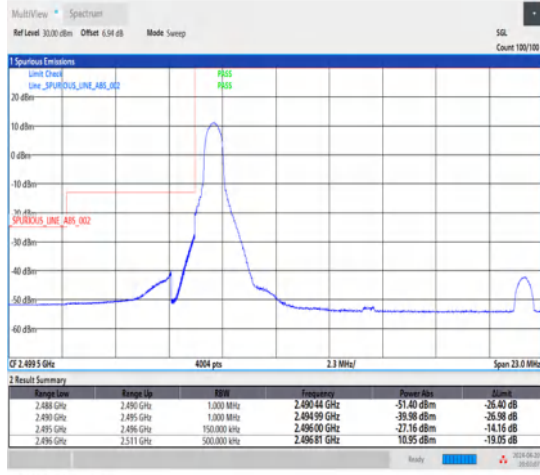
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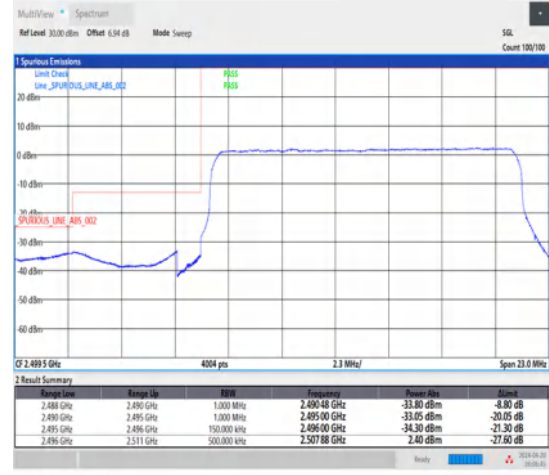
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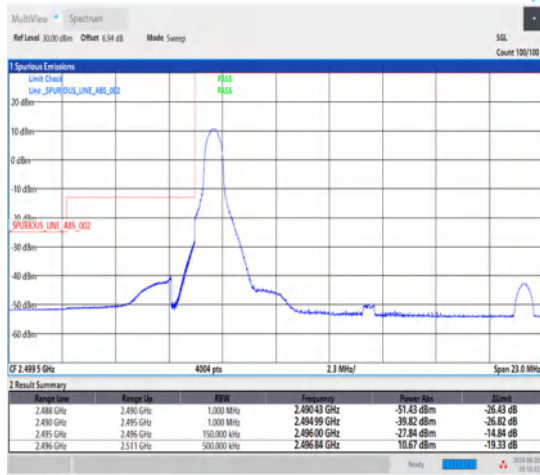
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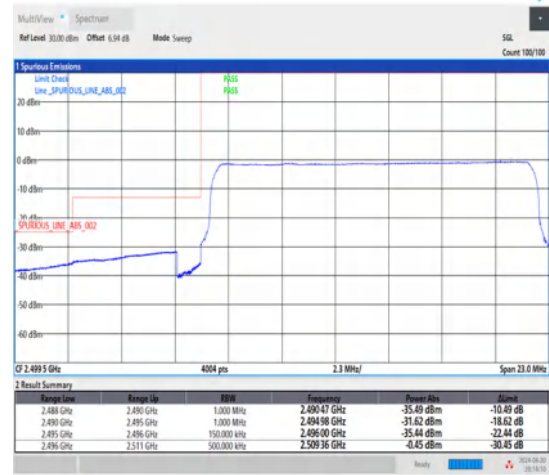
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1-N41-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



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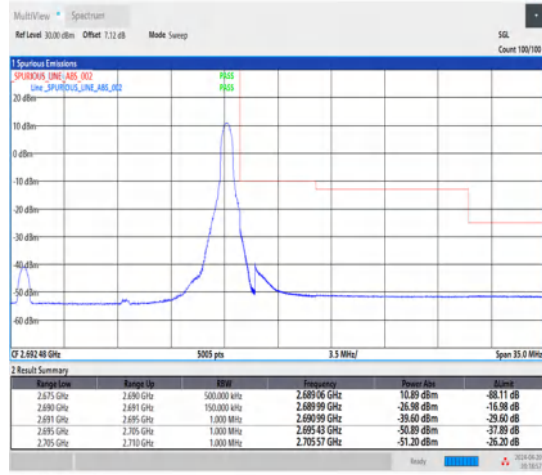
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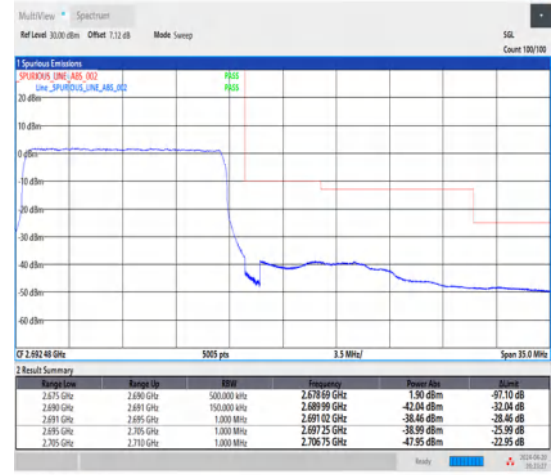
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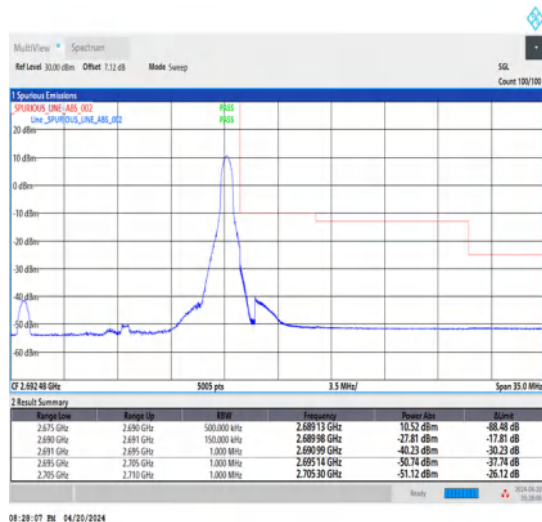
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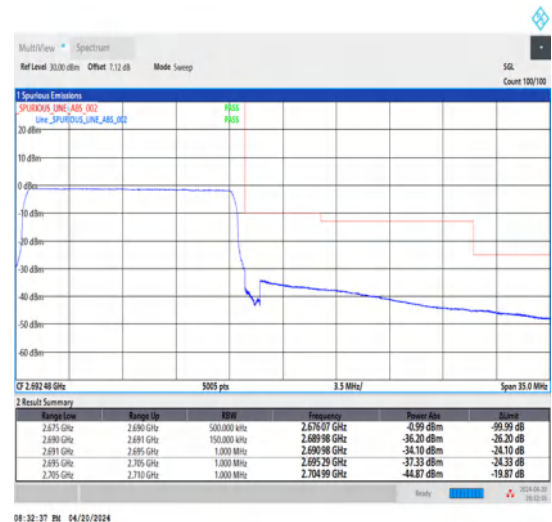
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1-N41-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph



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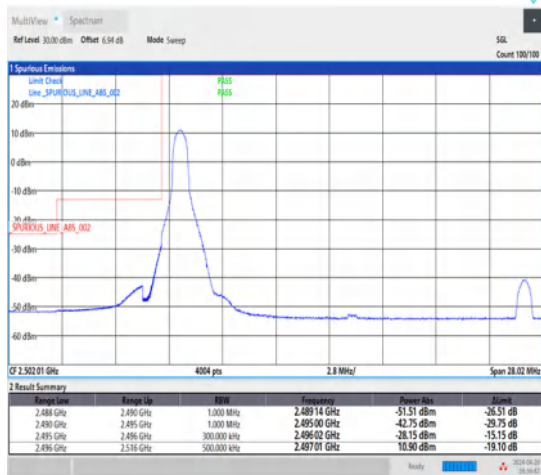
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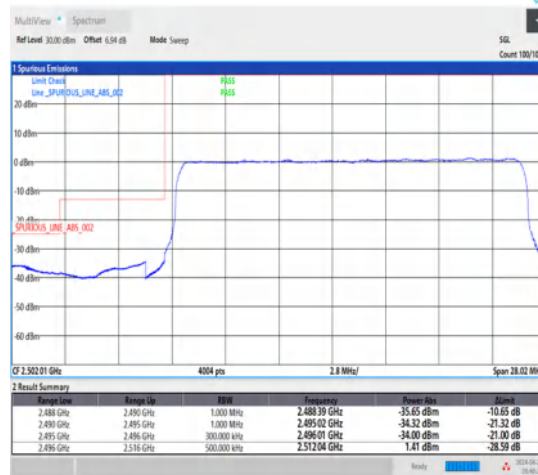
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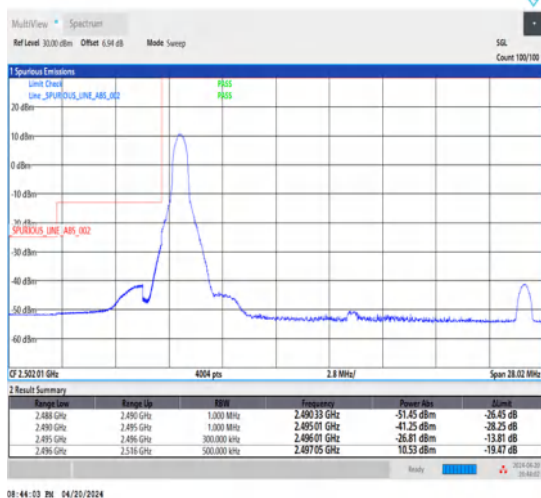
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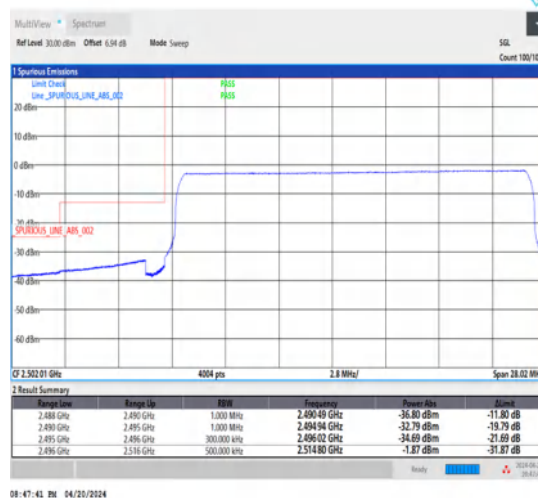
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1-N41-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph



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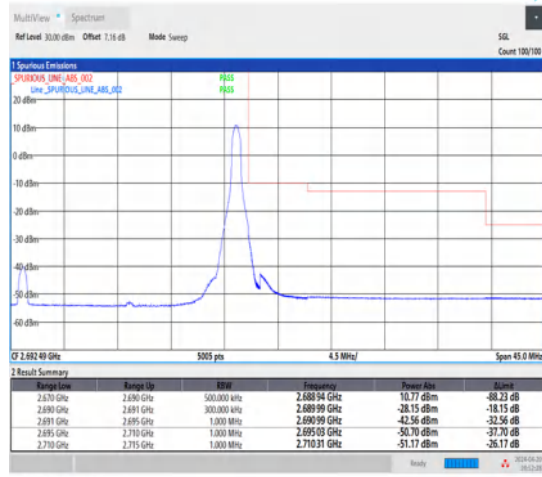
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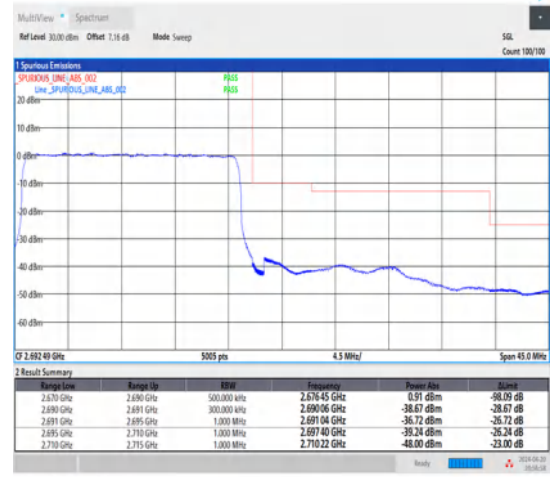
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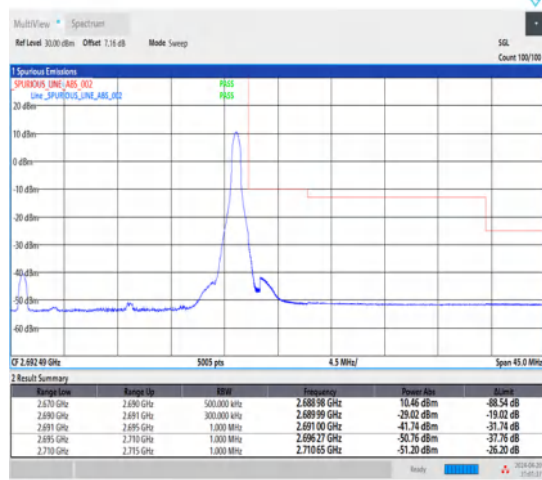
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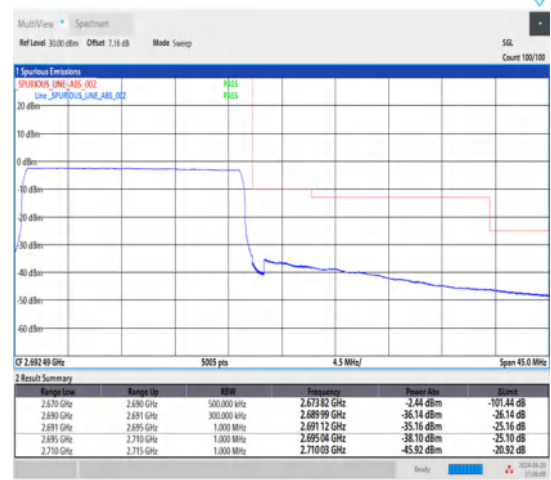
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1-N41-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph



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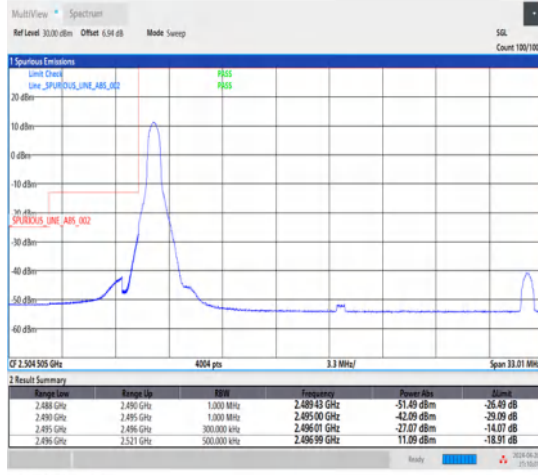
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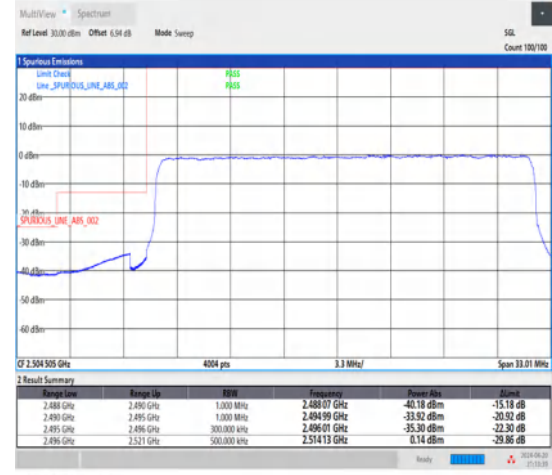
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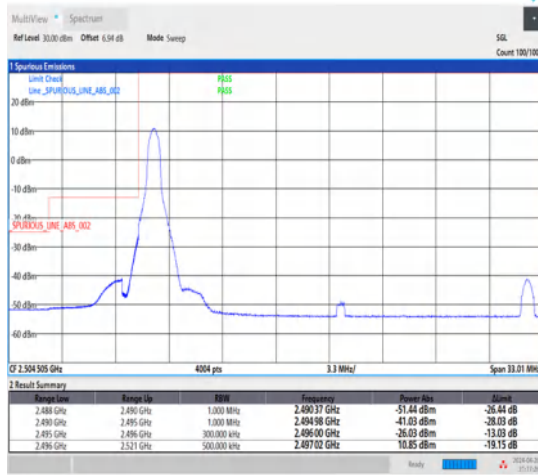
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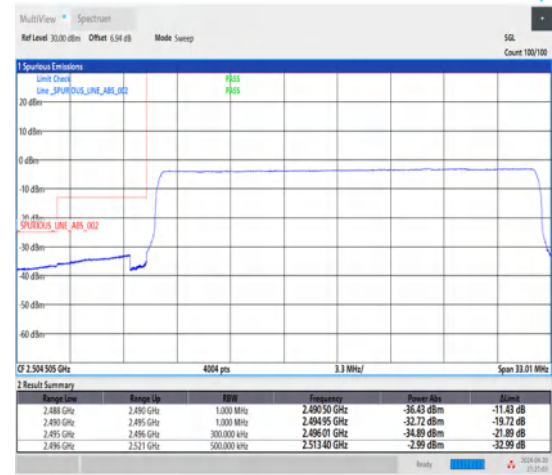
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1-N41-30-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-25-L-6-CP-QPSK-Outer_Full-65@0-Ant1-1--PASS-see graph



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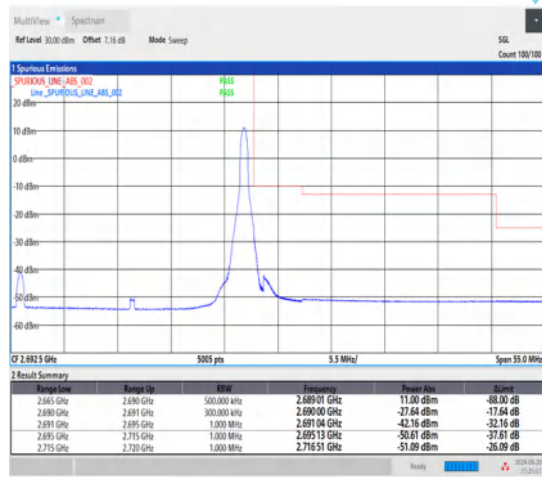
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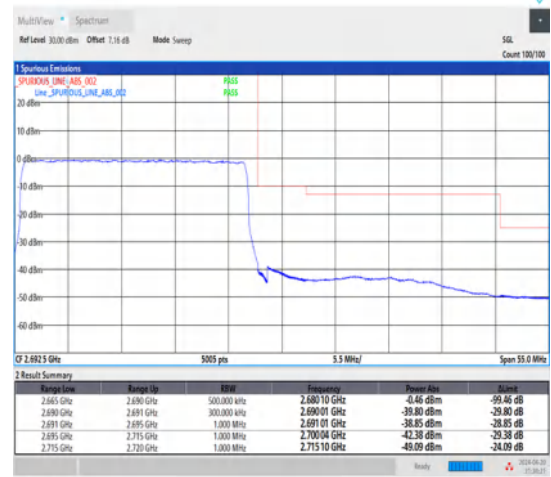
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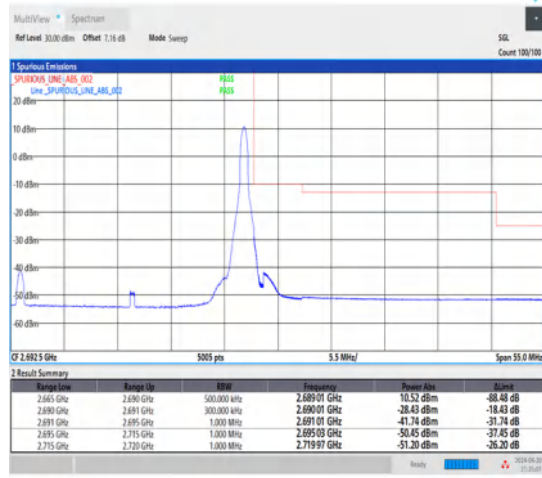
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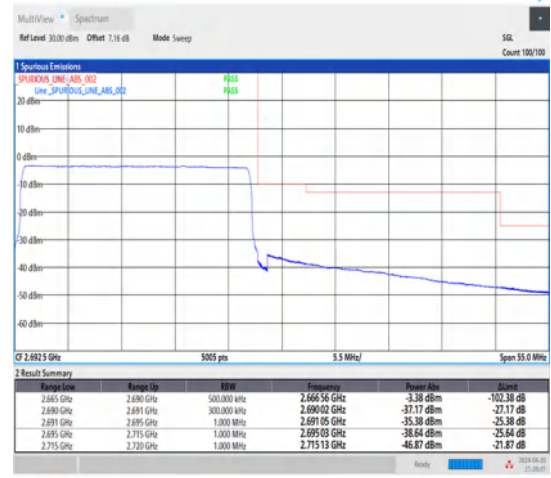
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1-N41-30-25-H-5-CP-QPSK-Edge_1RB_Right-1@64-Ant1-1--PASS-see graph



1-N41-30-25-H-6-CP-QPSK-Outer_Full-65@0-Ant1-1--PASS-see graph

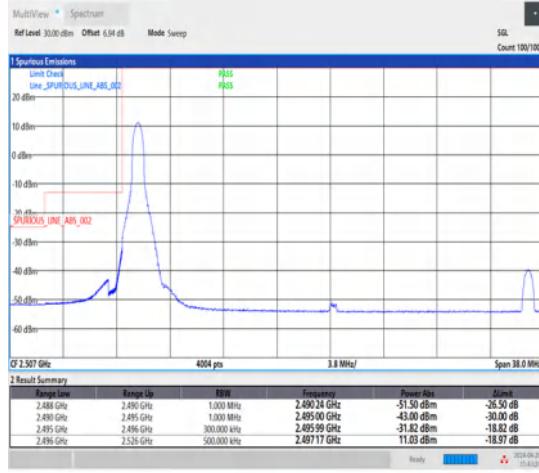


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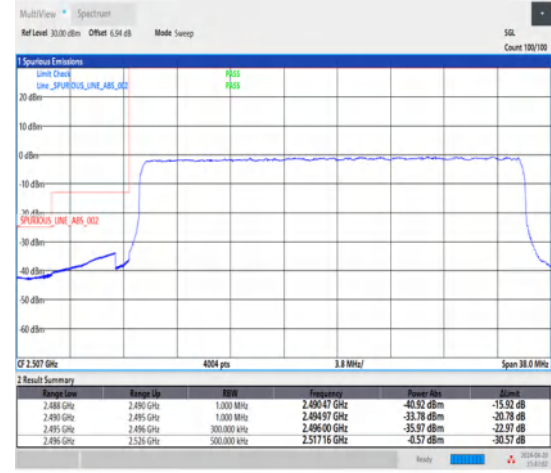
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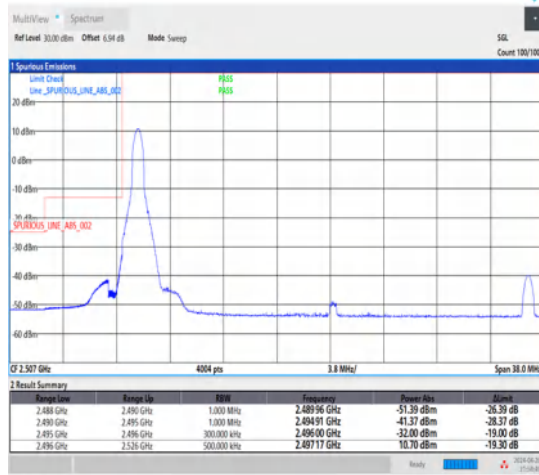
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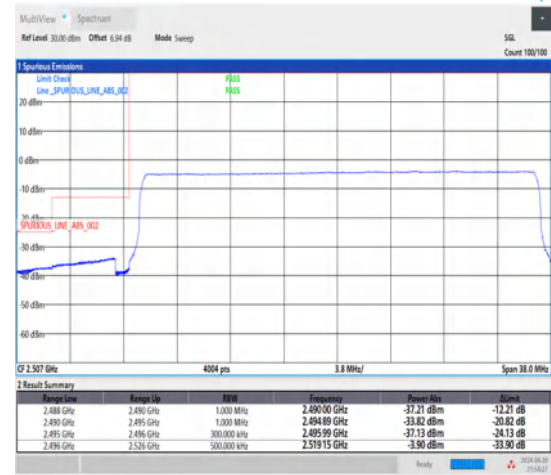
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1-N41-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N41-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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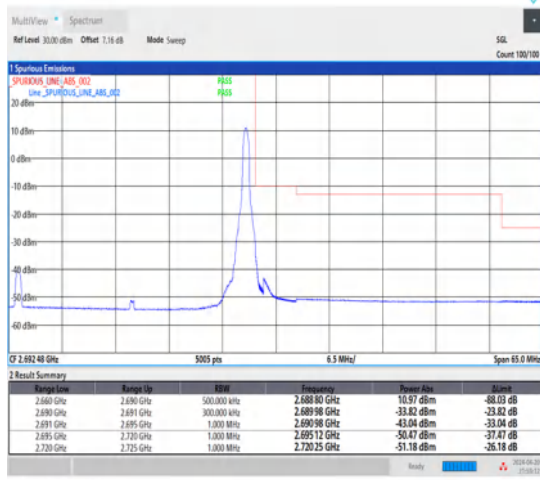
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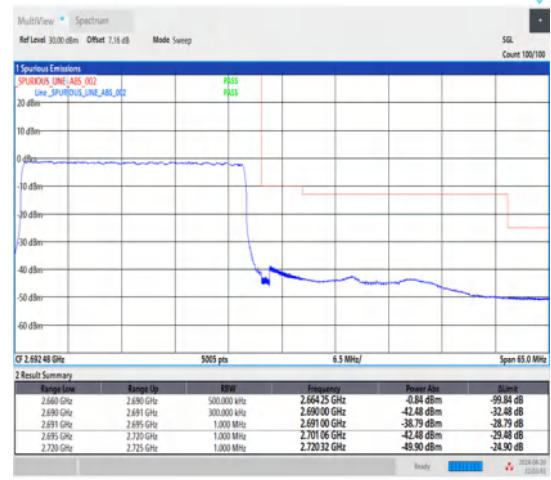
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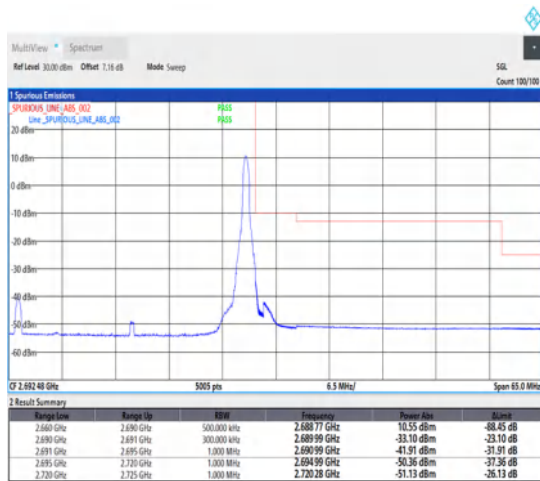
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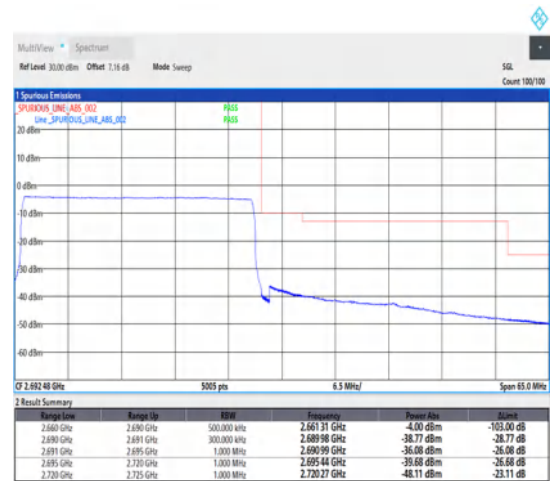
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1-N41-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph



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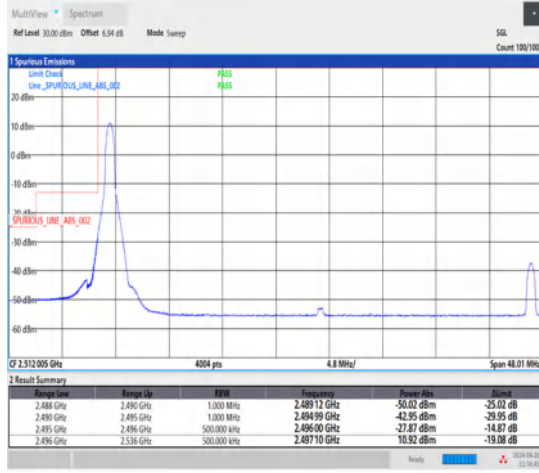
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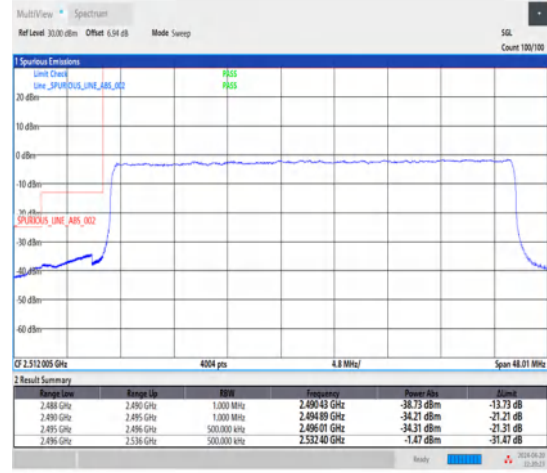
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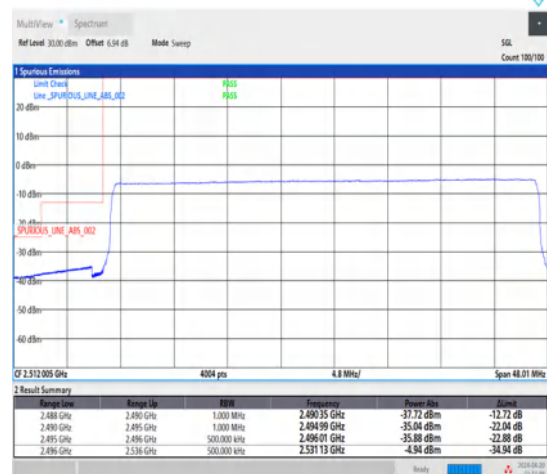
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1-N41-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



10:27:49 PM 04/20/2024

1-N41-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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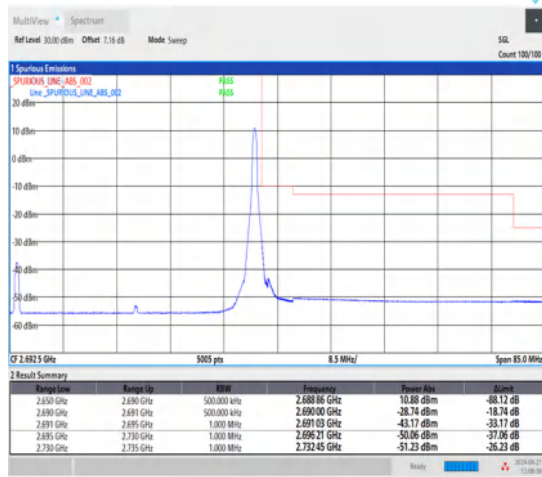
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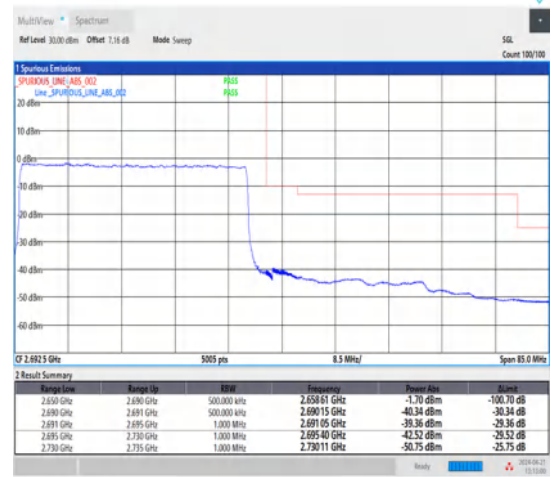
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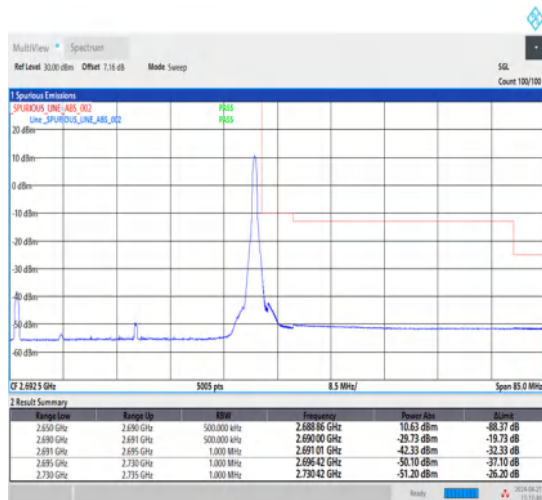
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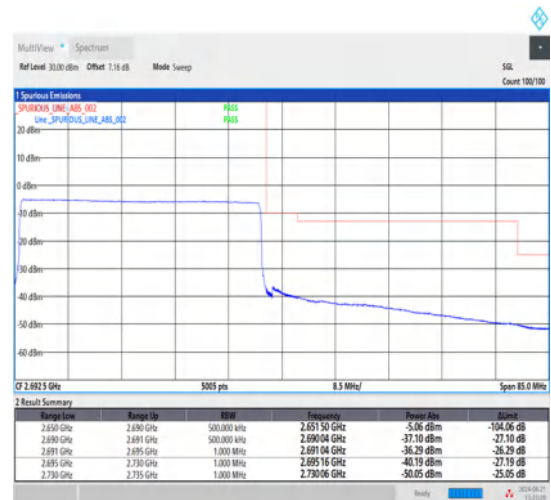
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01:22:10 PM 04/22/2024

1-N41-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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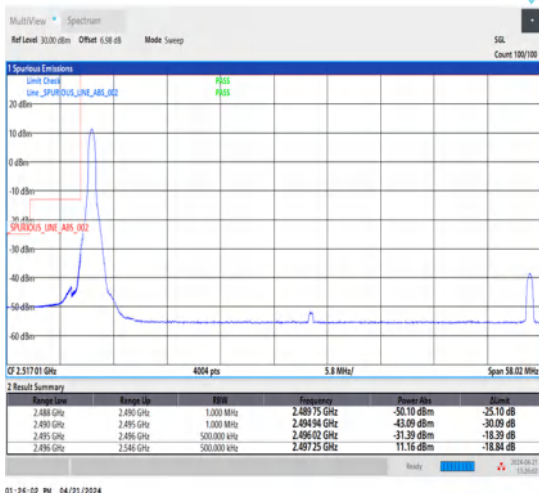
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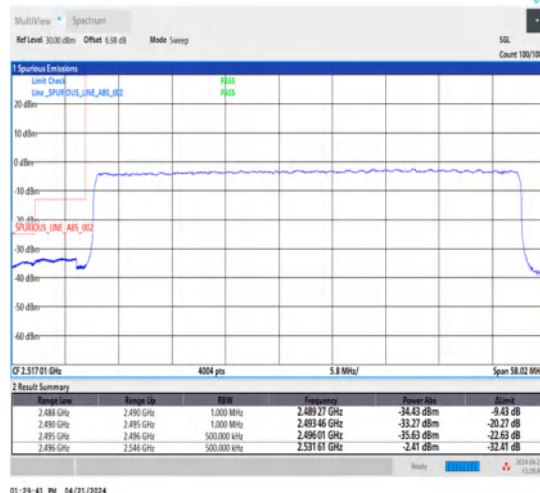
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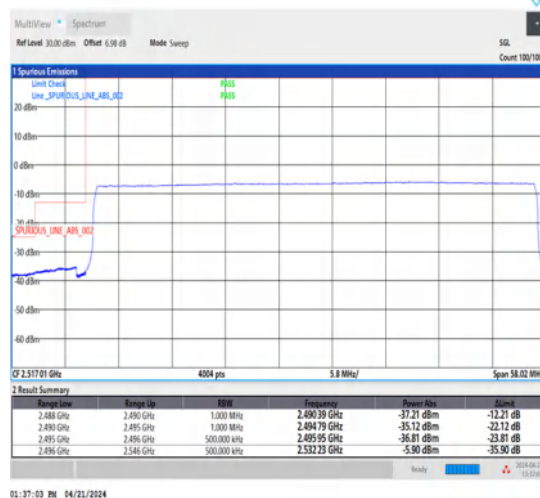
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1-N41-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph



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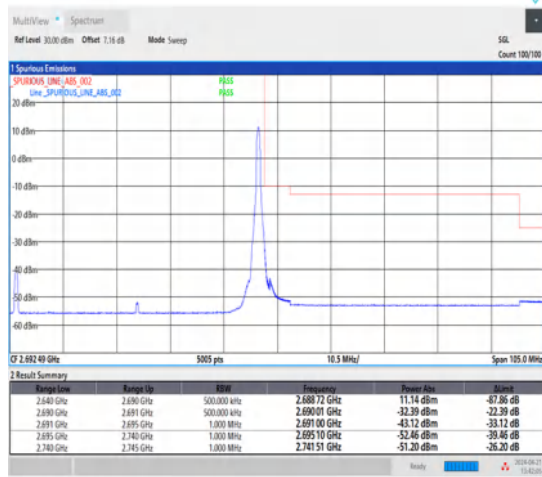
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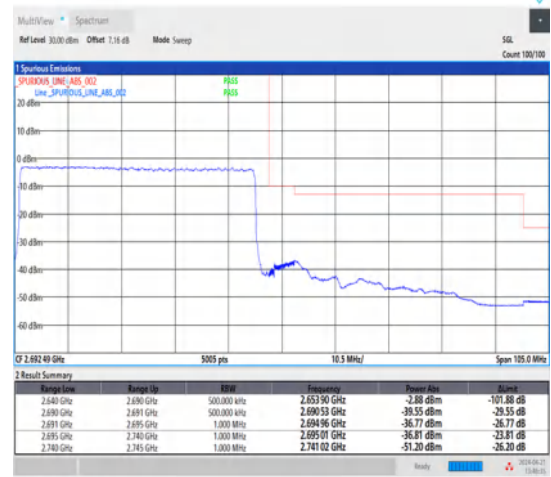
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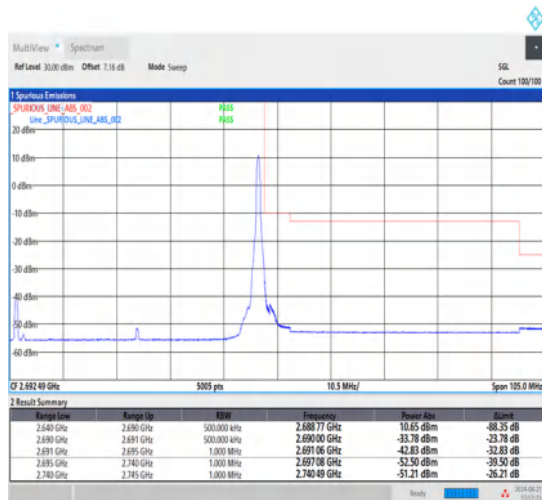
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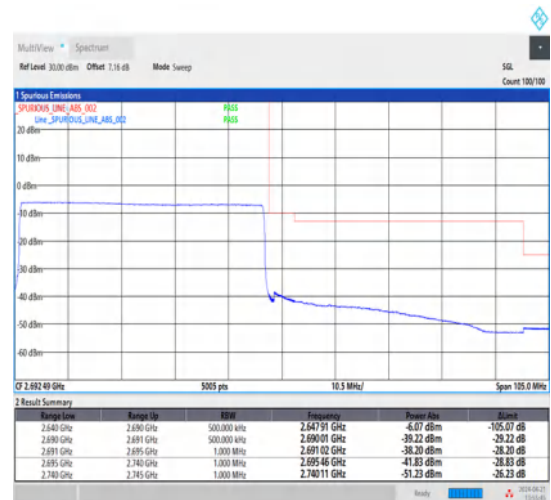
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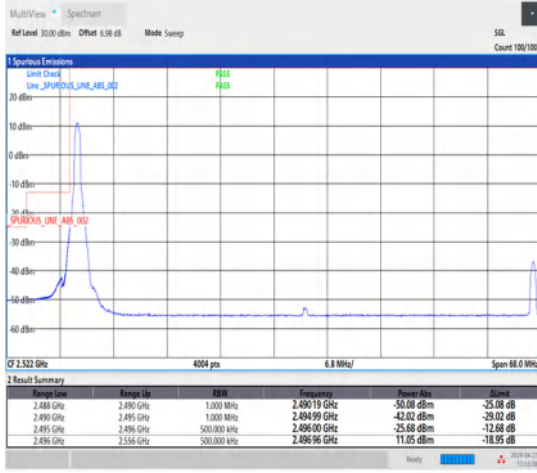
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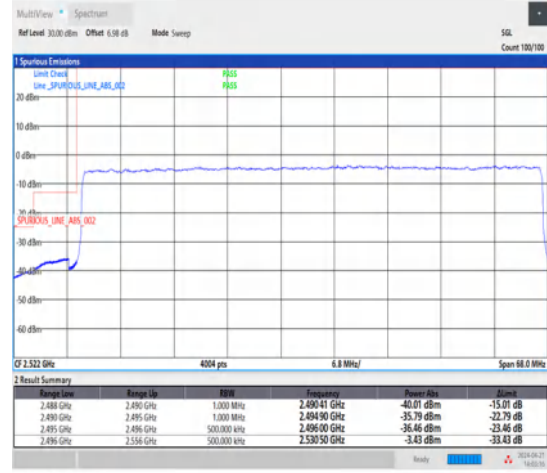
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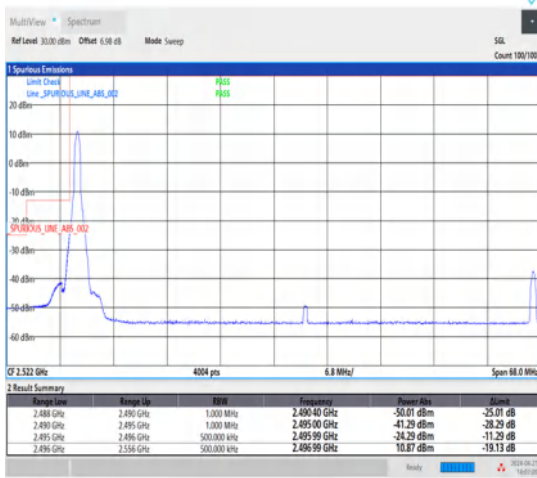
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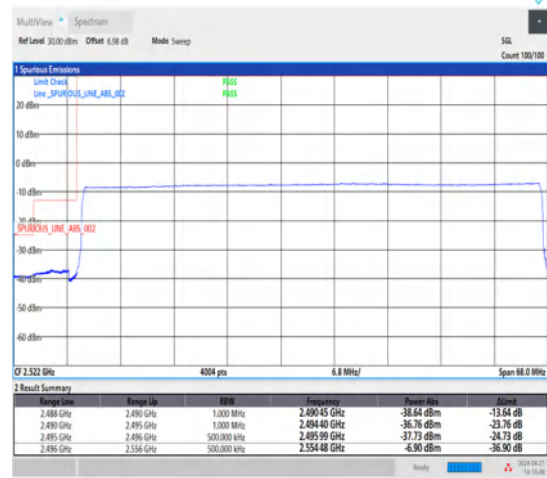
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1-N41-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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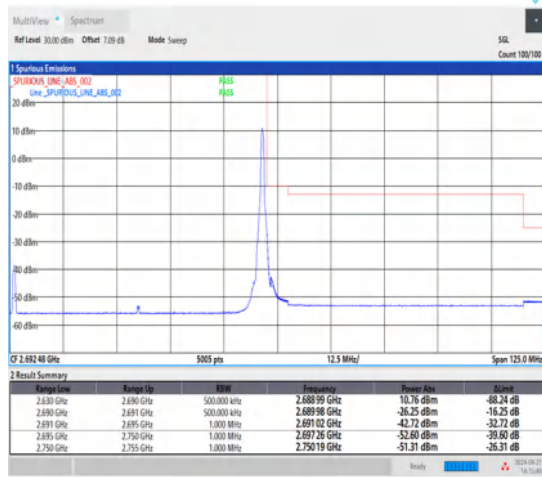
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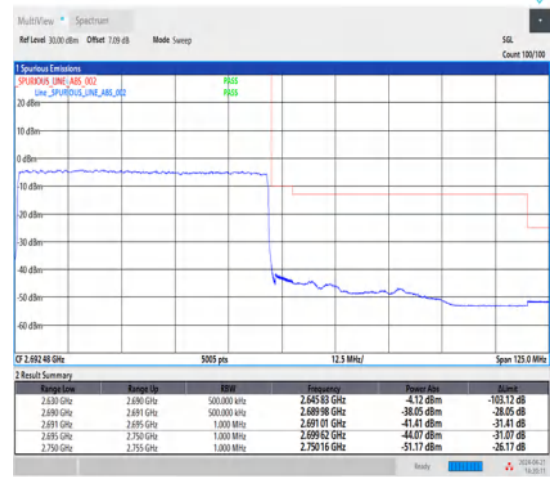
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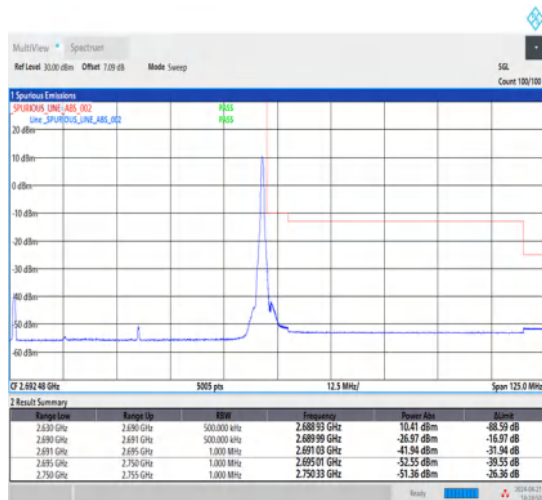
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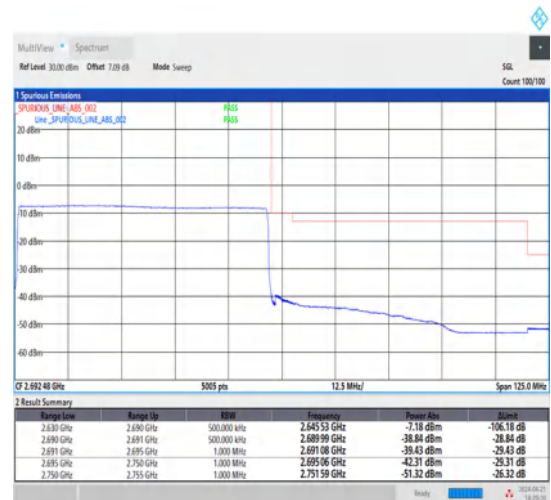
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1-N41-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



02:24:50 PM 04/22/2024

1-N41-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph



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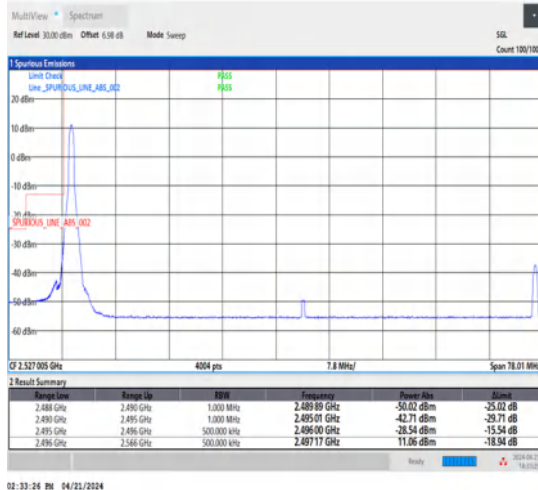
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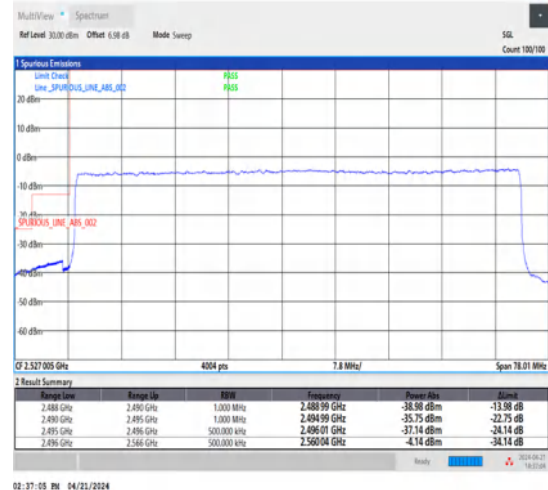
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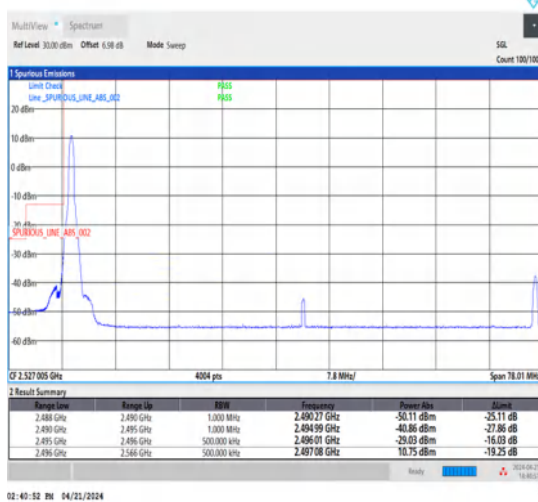
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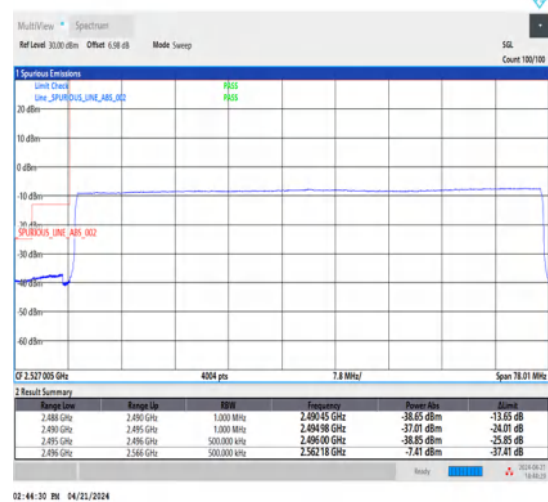
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1-N41-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N41-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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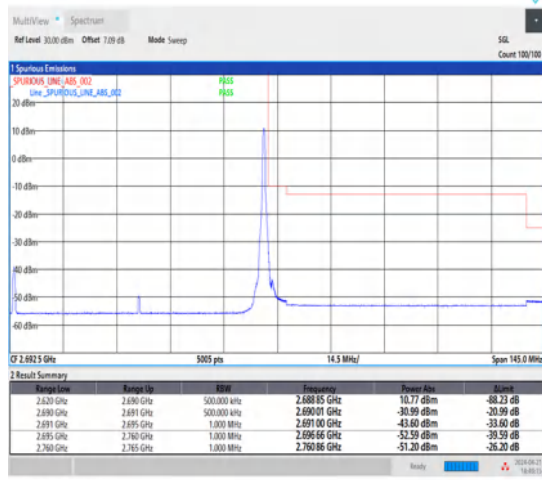
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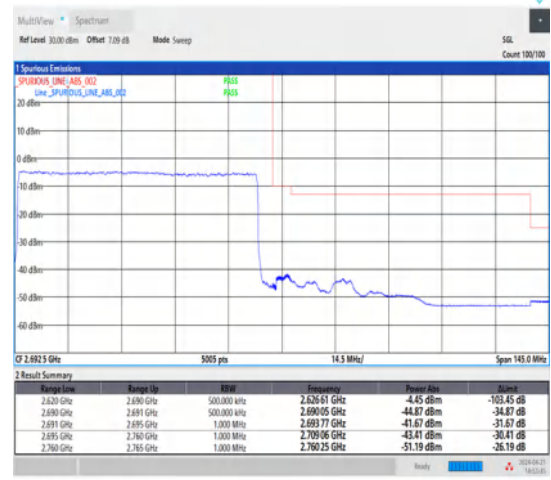
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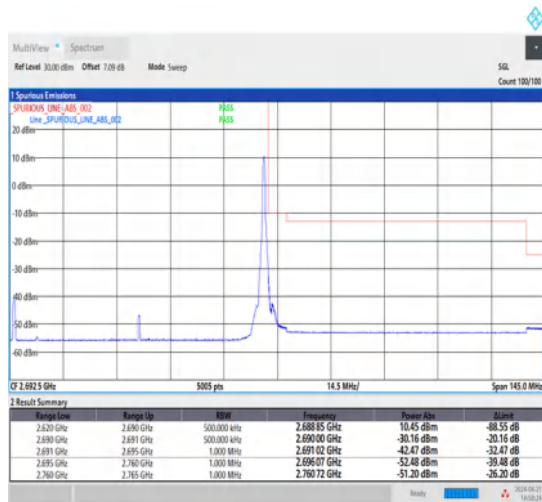
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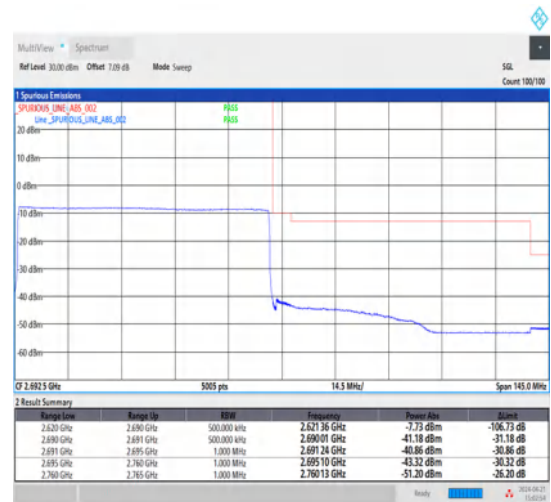
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1-N41-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



02:59:25 PM 04/22/2024

1-N41-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph



03:02:55 PM 04/22/2024

1-N41-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



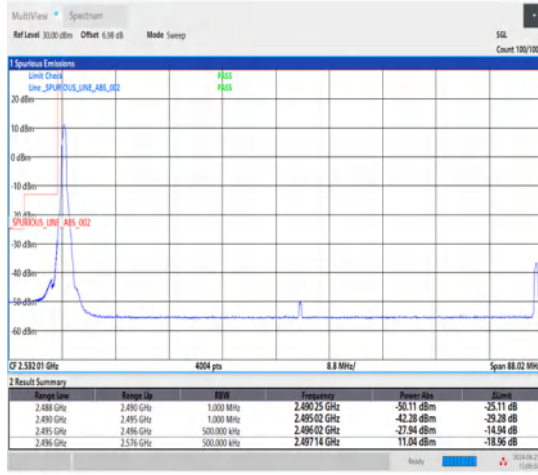
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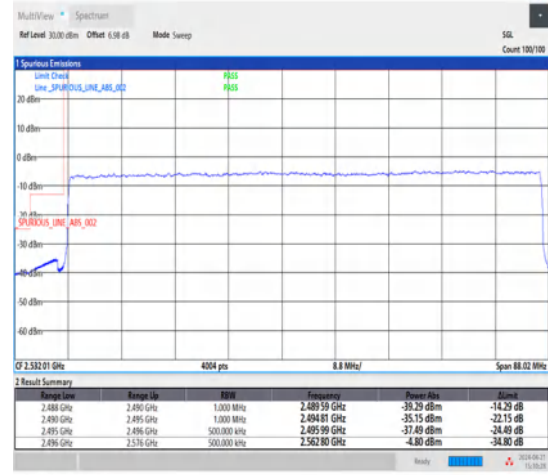
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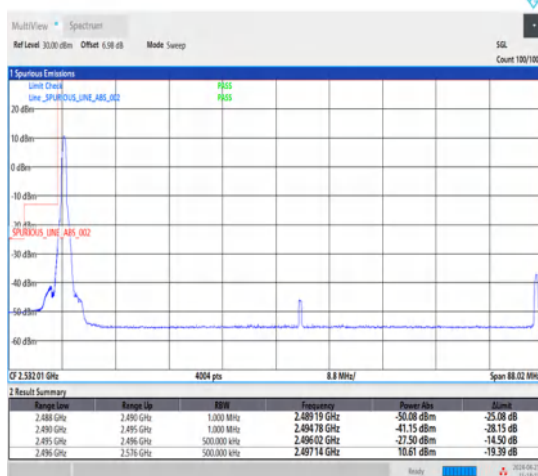
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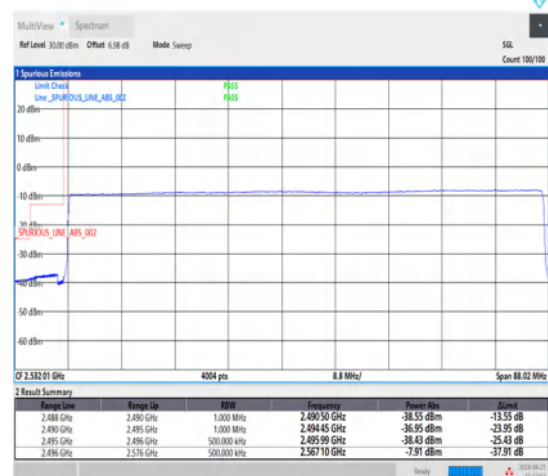
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1-N41-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



03:14:16 PM 04/22/2024

1-N41-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



03:17:54 PM 04/22/2024

1-N41-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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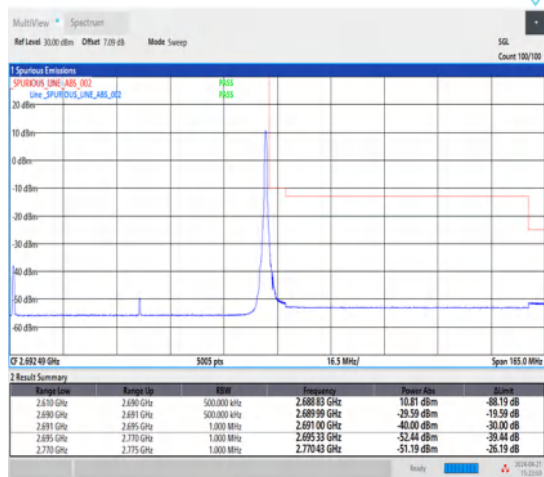
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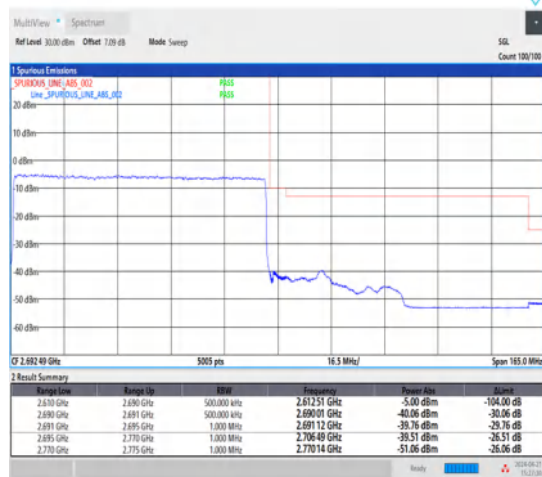
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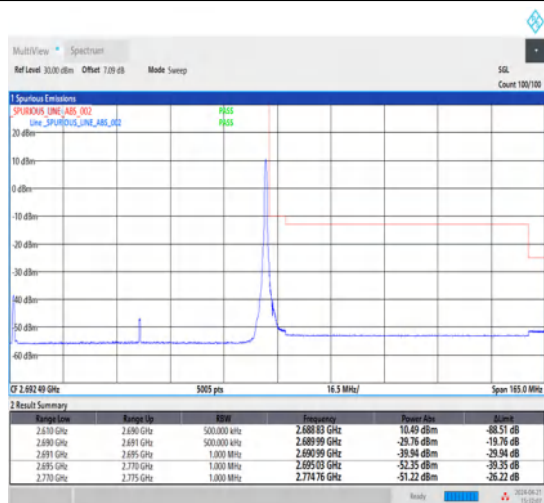
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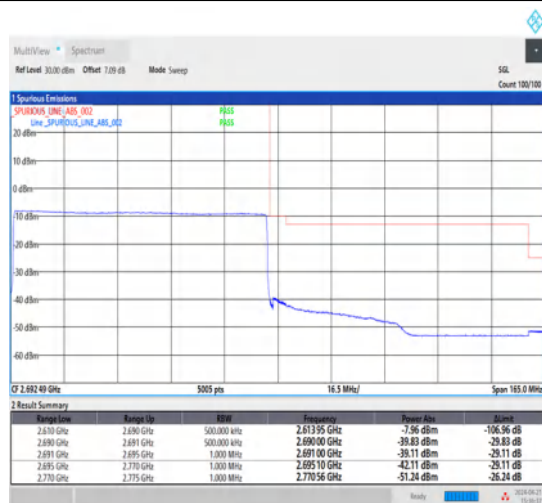
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1-N41-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



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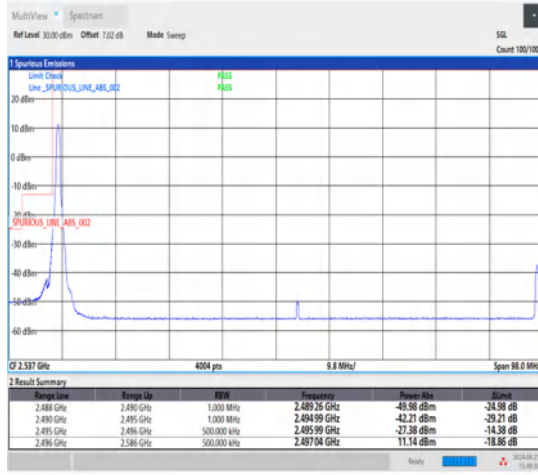


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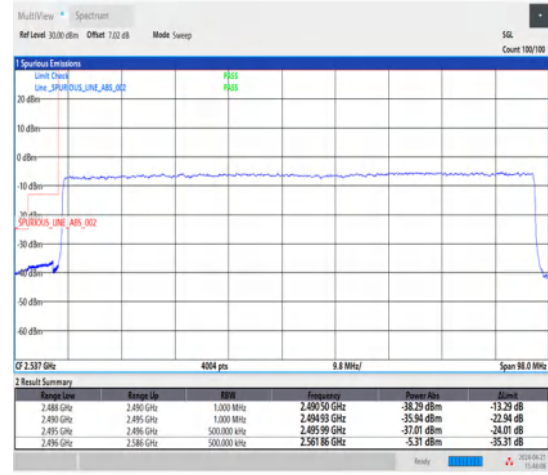
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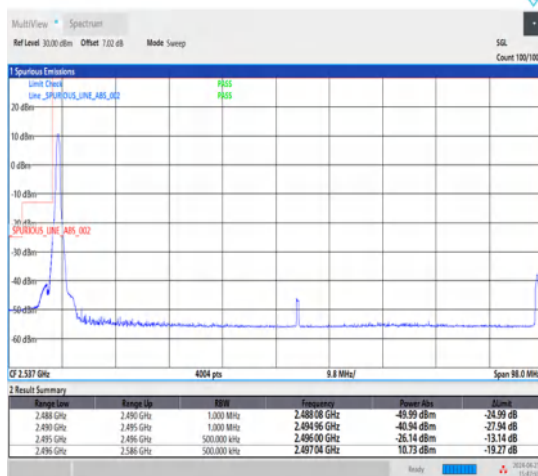
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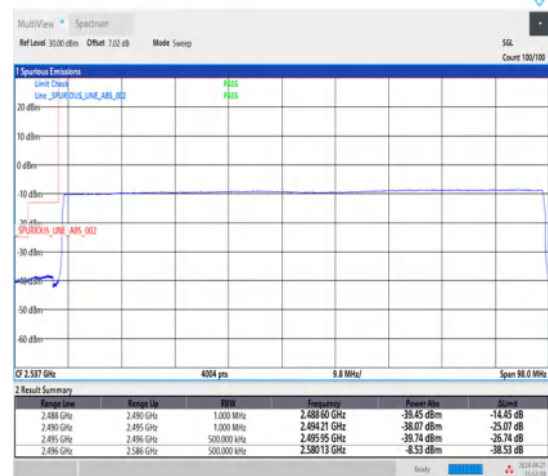
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1-N41-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



03:47:56 PM 04/21/2024

1-N41-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



03:51:34 PM 04/21/2024

1-N41-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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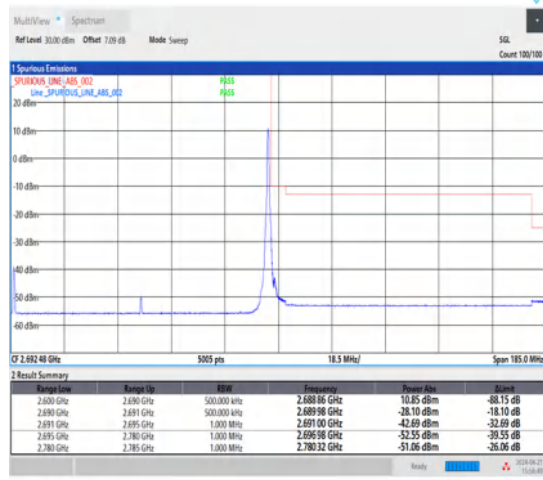
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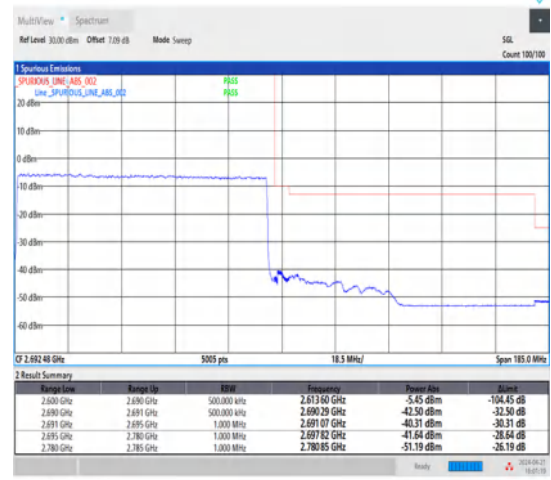
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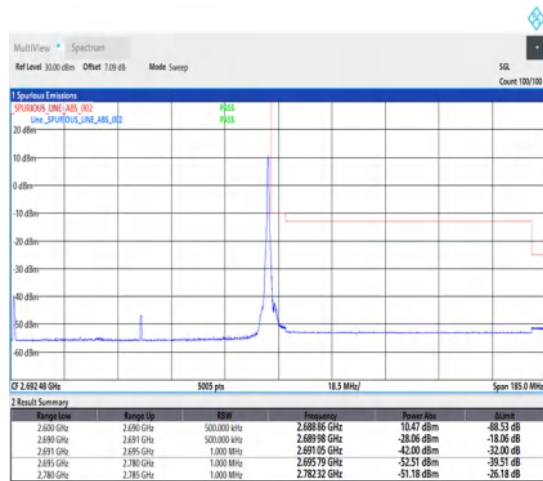
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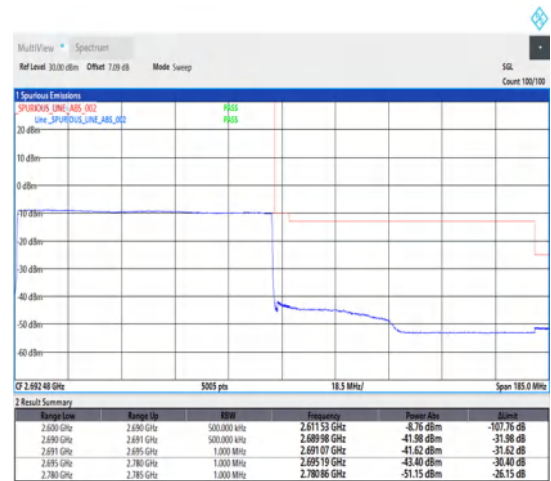
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1-N41-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph



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1-N41-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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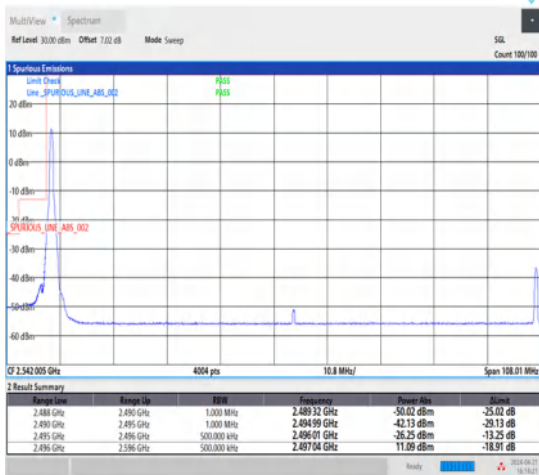
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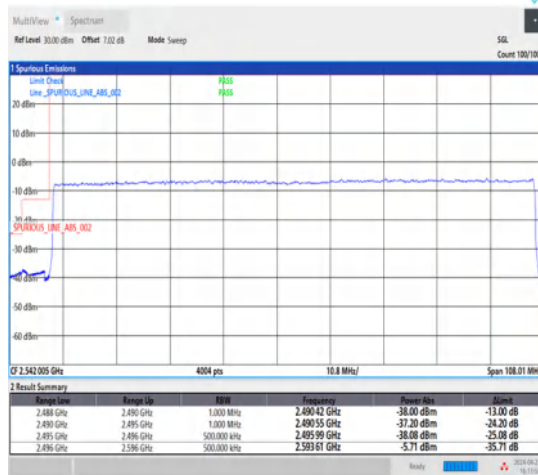
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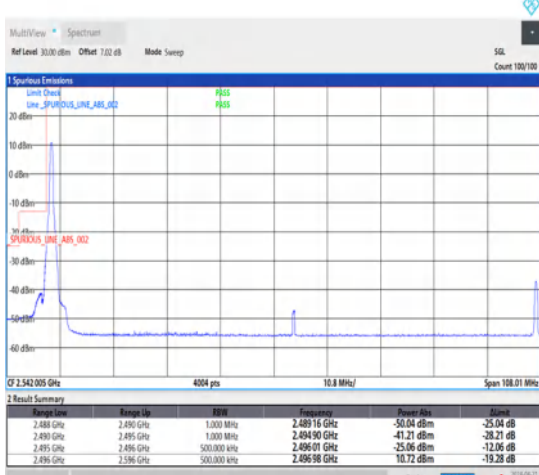
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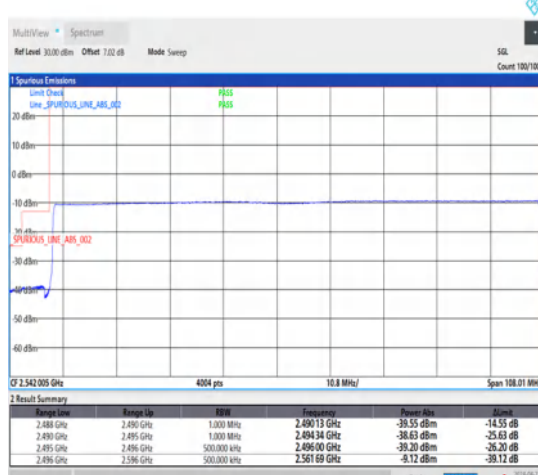
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1-N41-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



04:25:20 PM 04/21/2024

1-N41-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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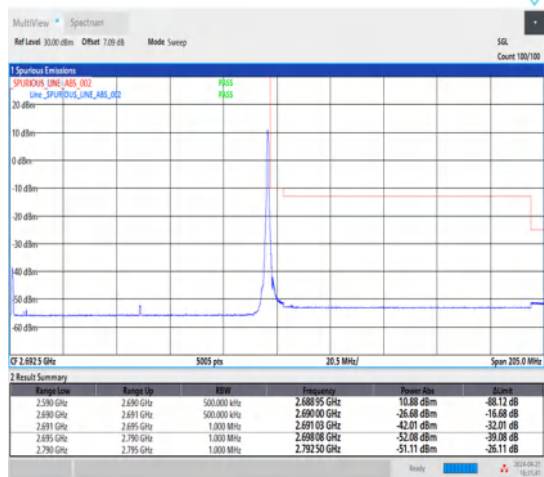
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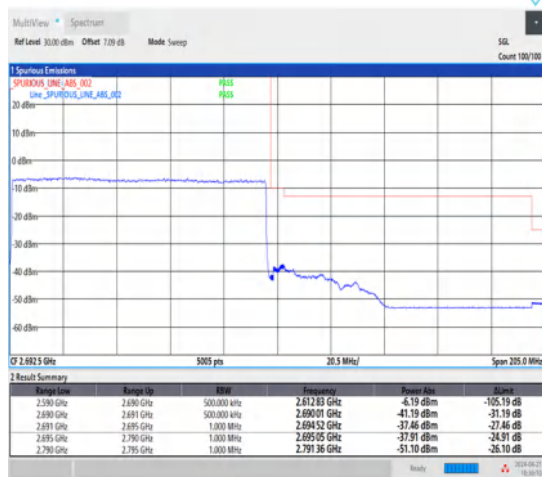
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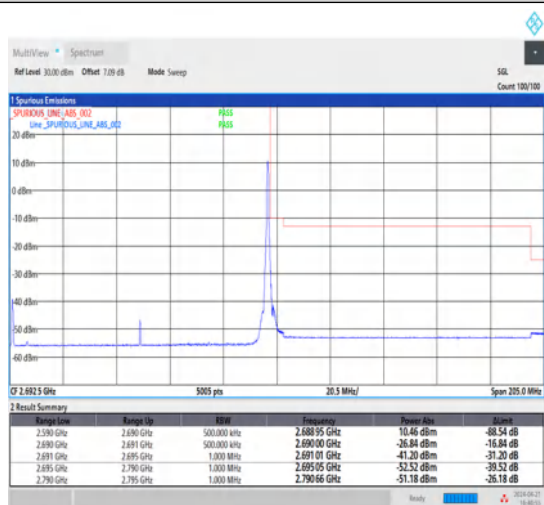
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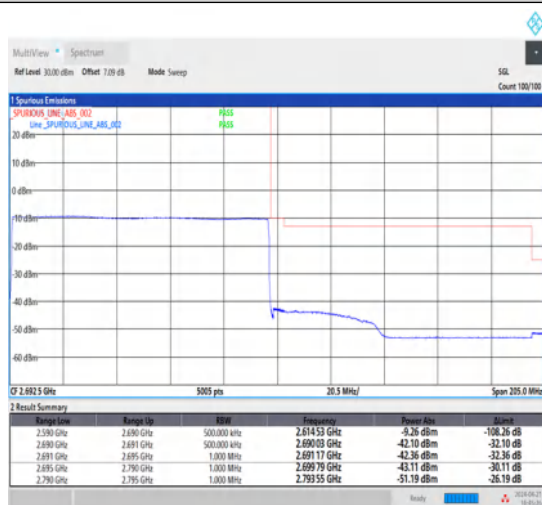
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04:45:26 PM 04/21/2024

1-N41-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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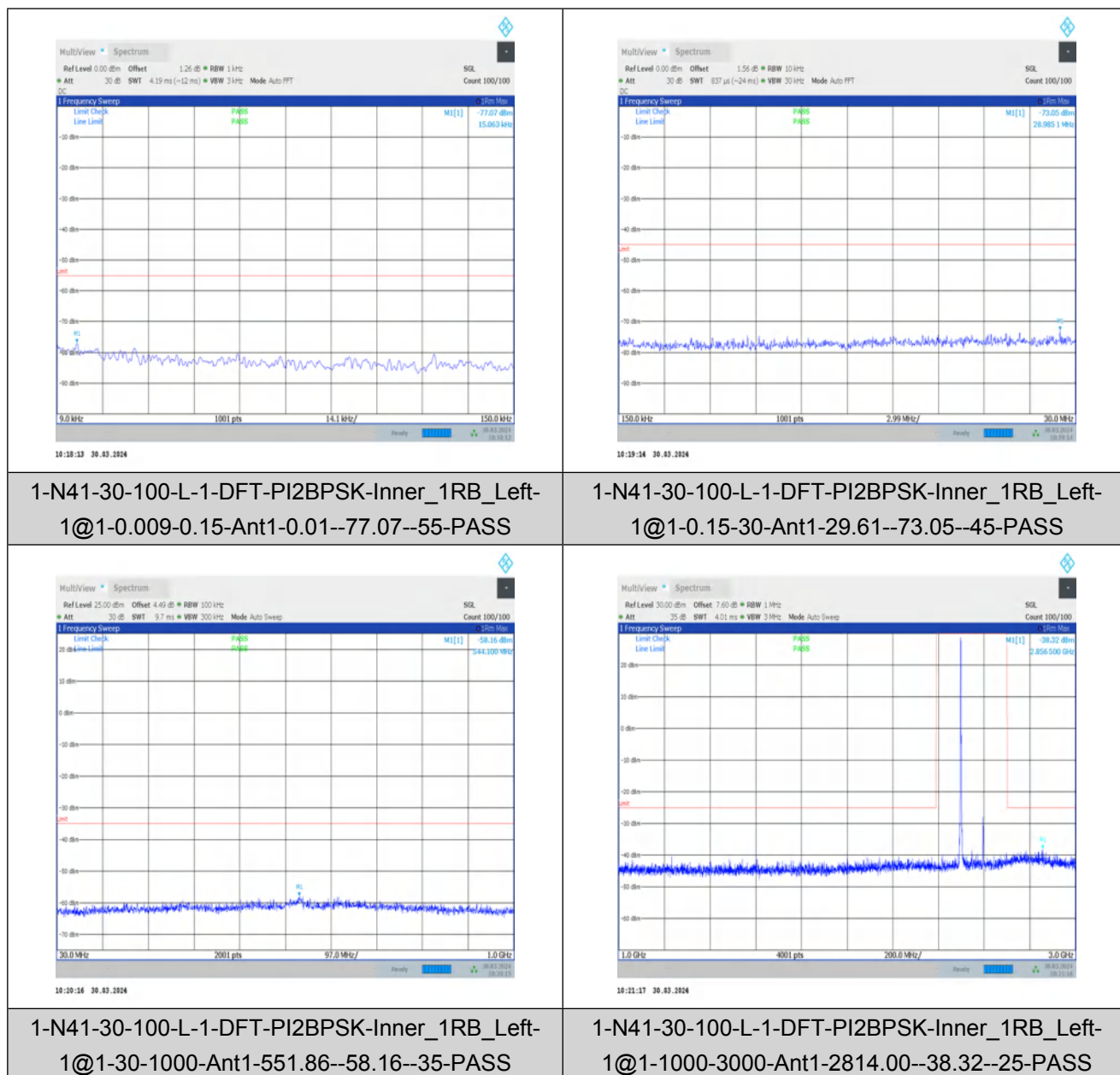
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Test Graphs



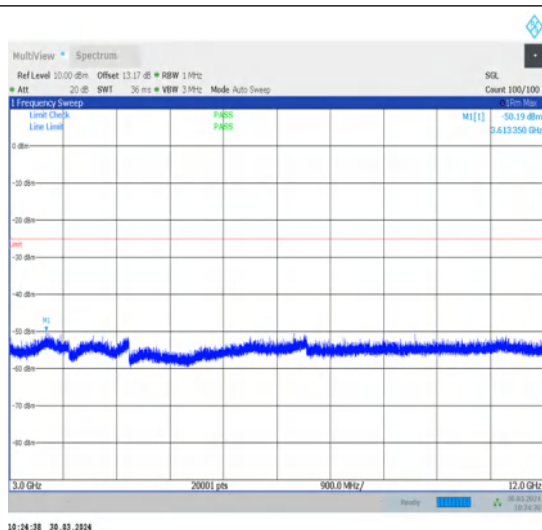
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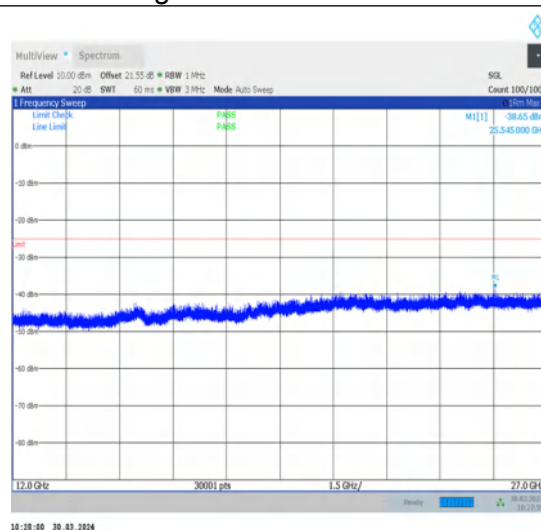
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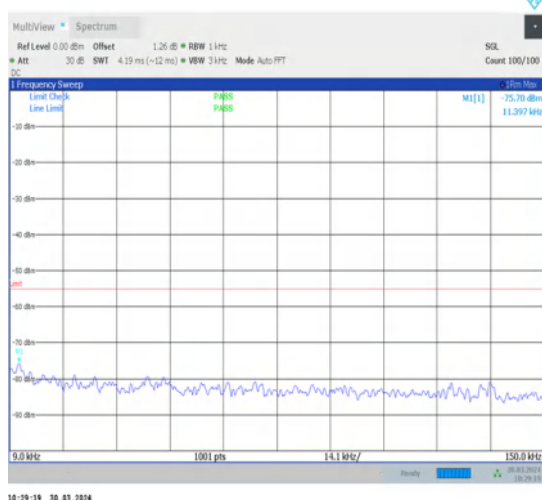
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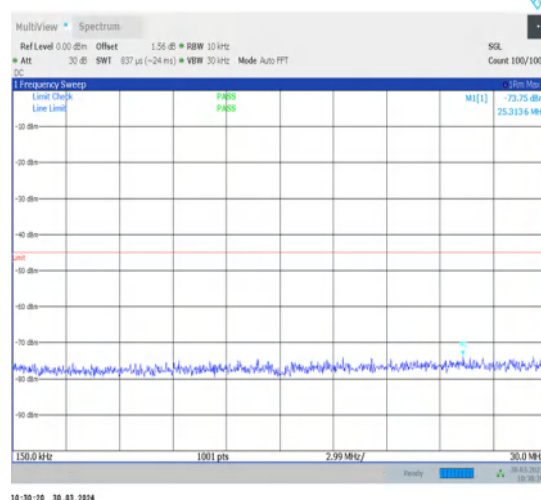
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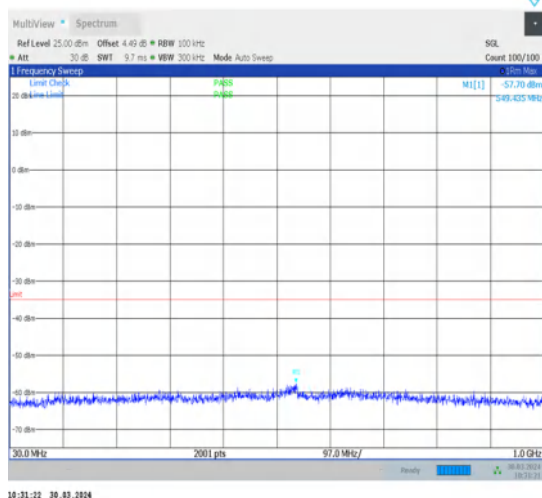
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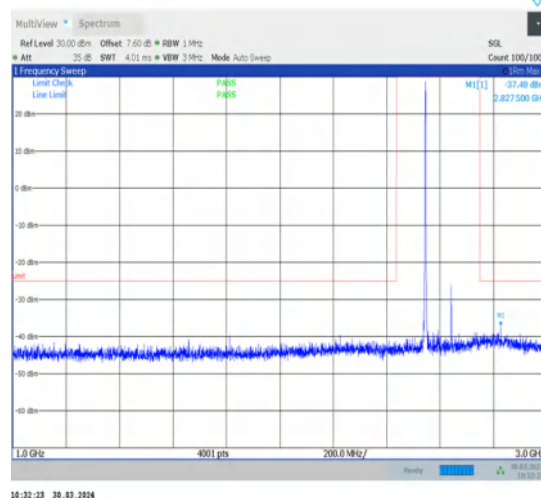
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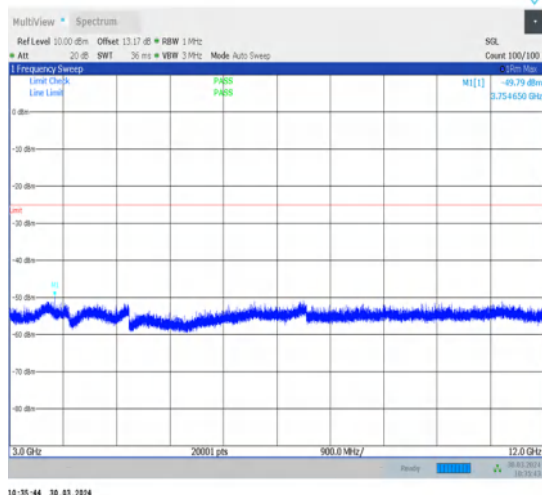
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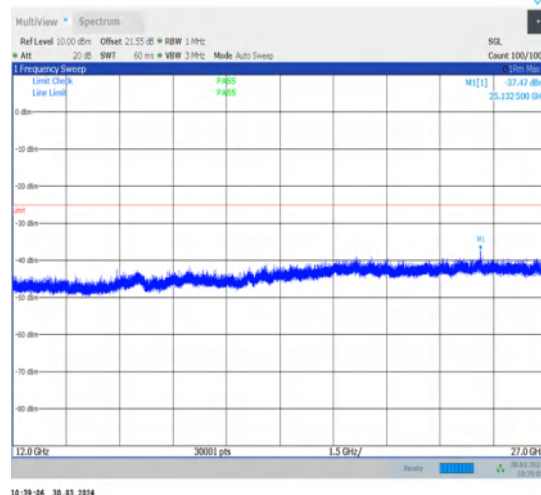
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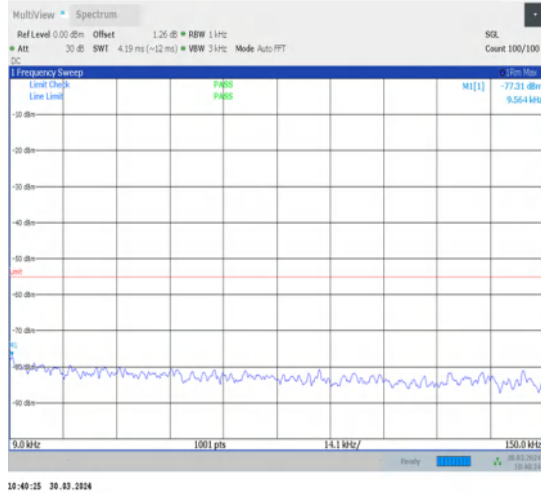
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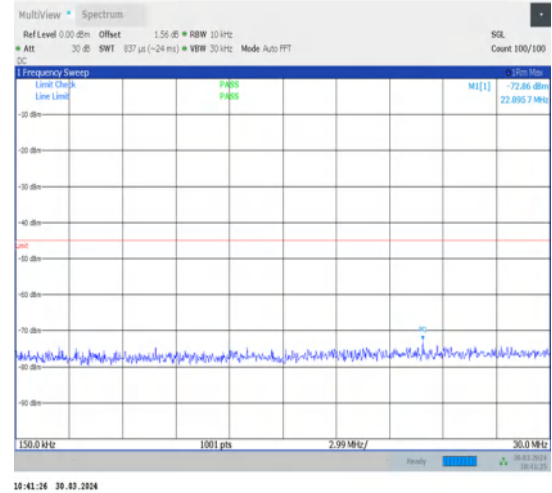
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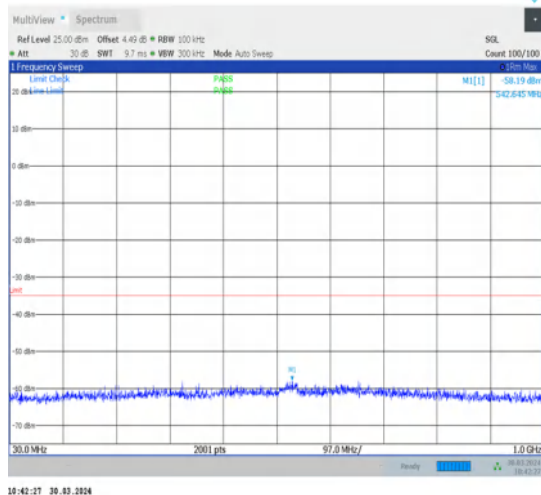
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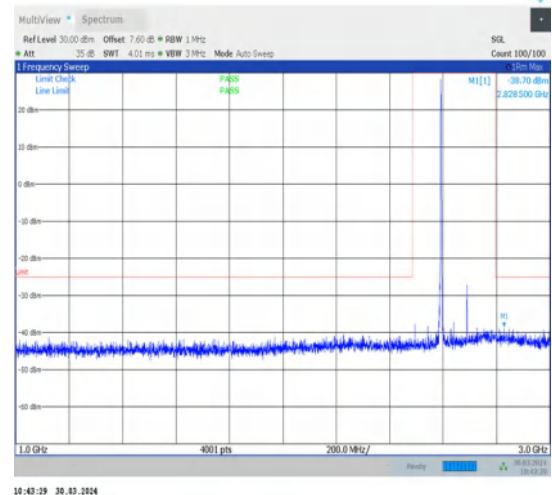
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1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2825.00--38.70--25-PASS



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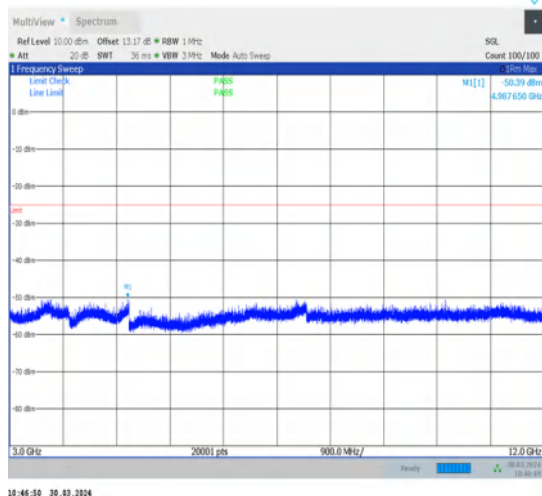
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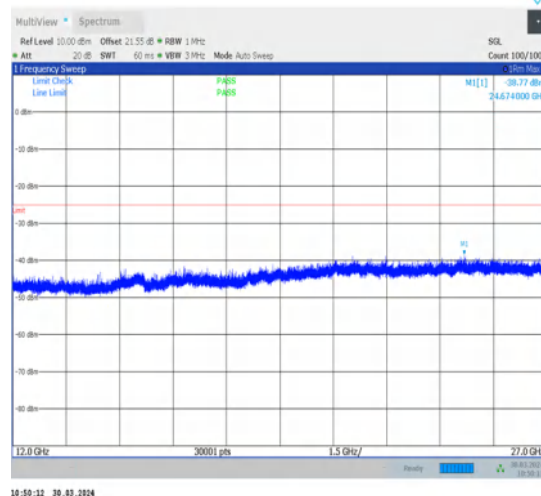
Report No.: SUCR240100001702

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1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-27000-Ant1-21015.00--38.77--25-PASS



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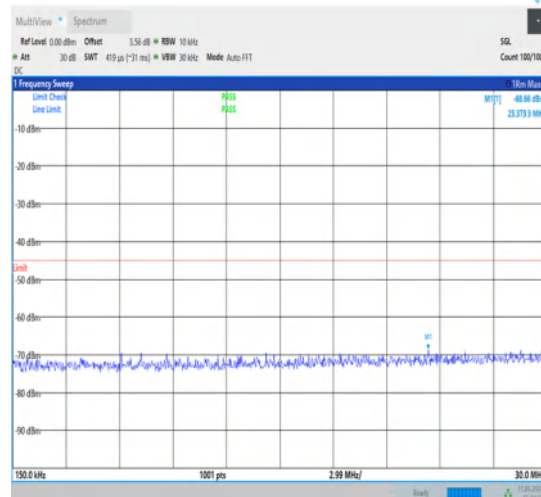
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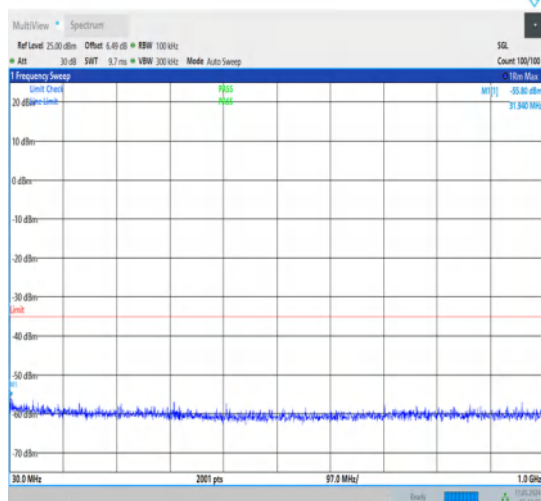
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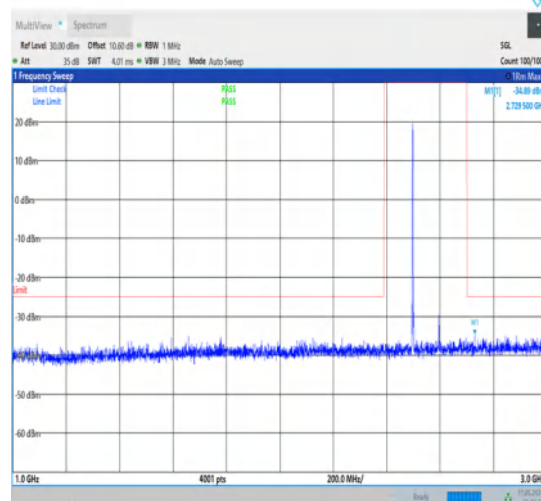
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1-N41-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2729.50--34.89--25-PASS



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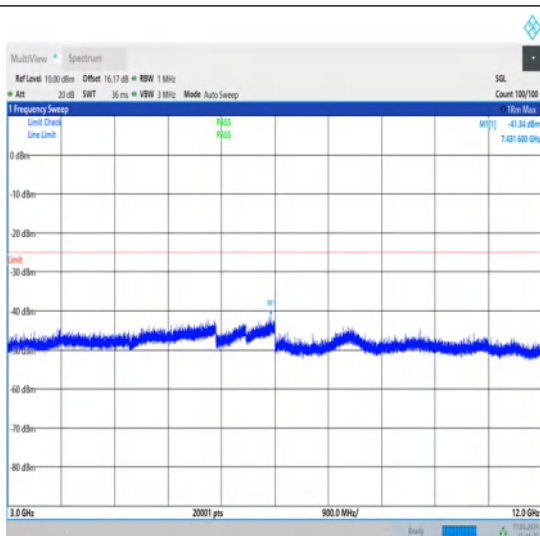
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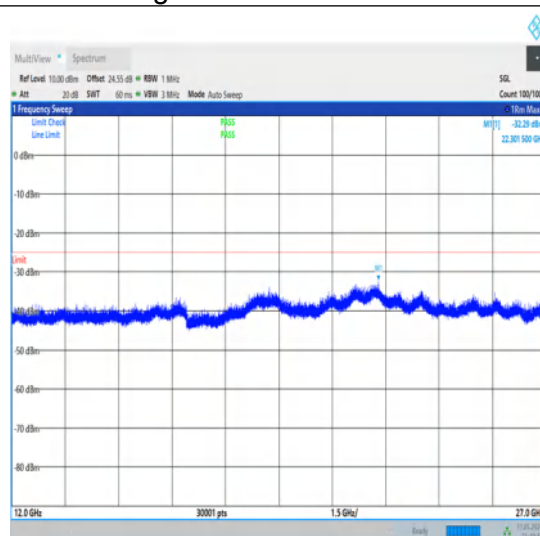
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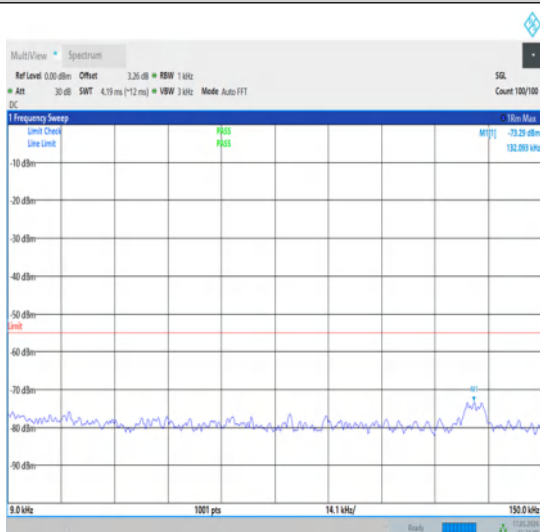
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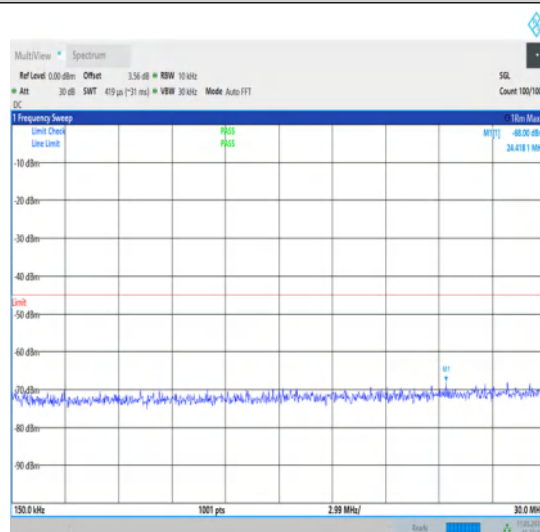
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1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-24.42--68.00--45-PASS



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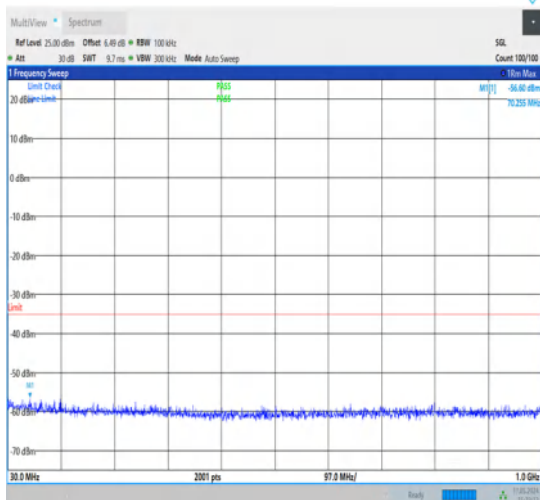
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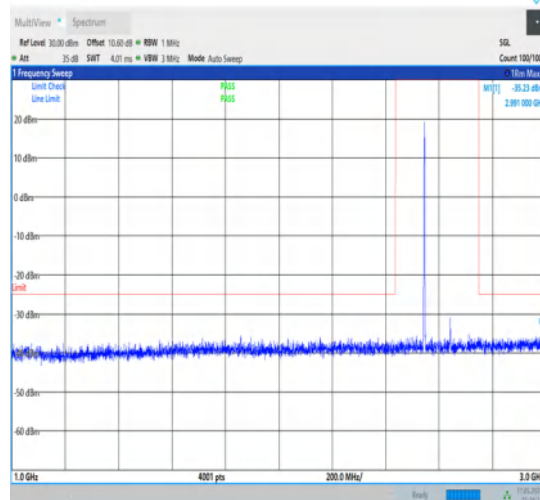
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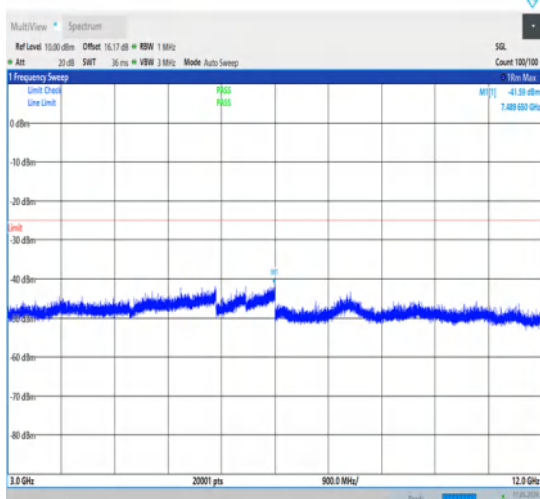
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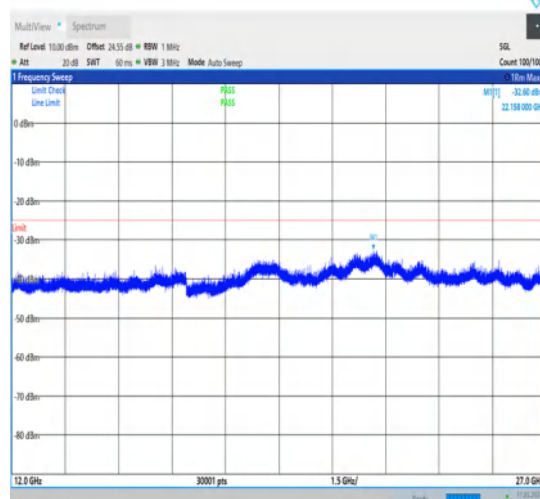
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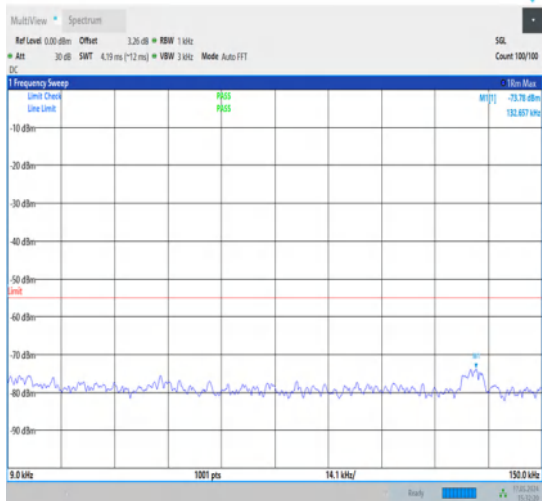
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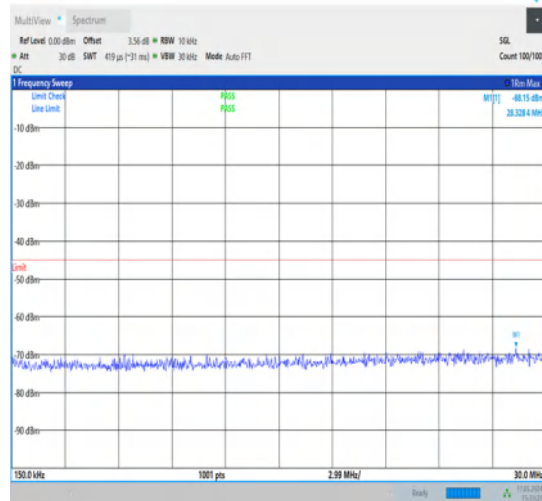
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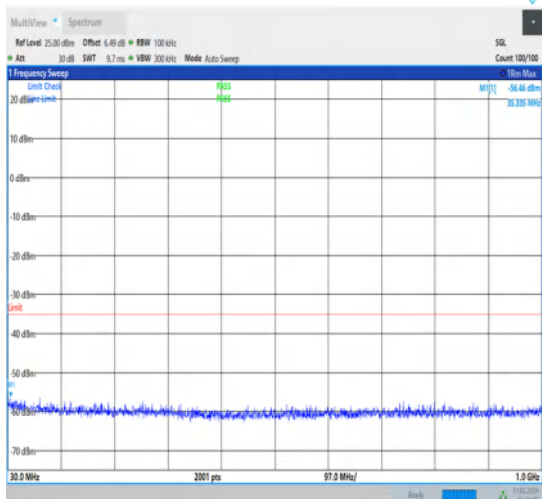
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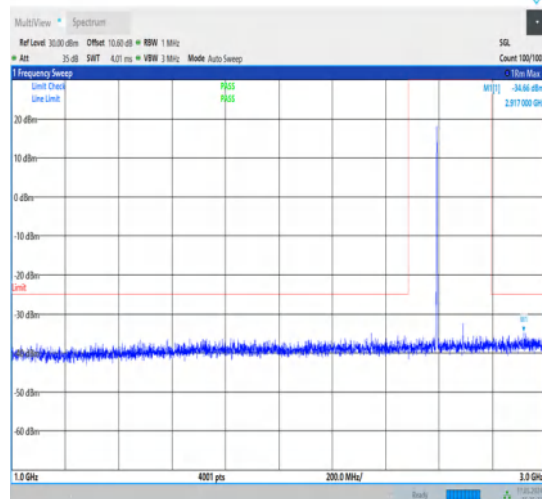
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1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-28.33--68.15--45-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-35.34--56.46--35-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2917.00--34.66--25-PASS



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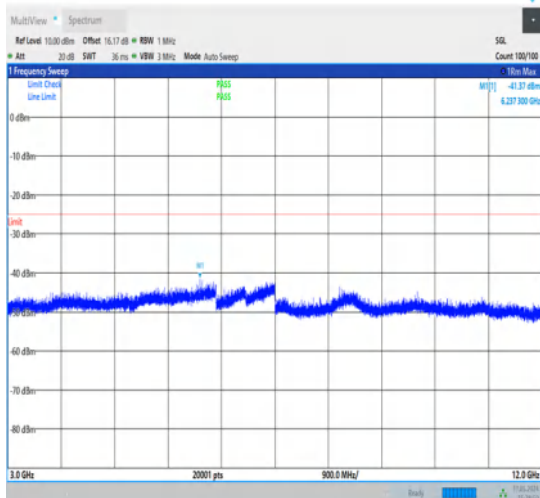
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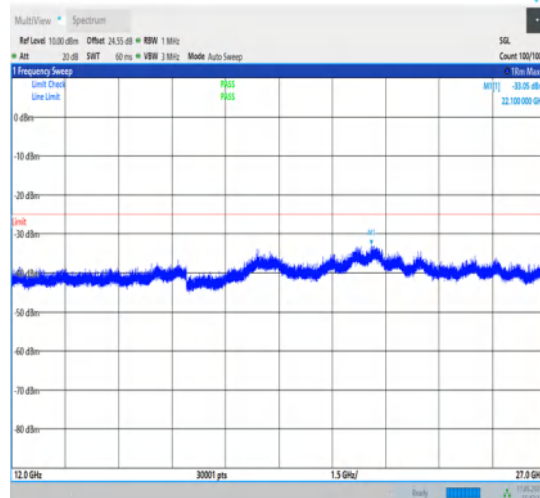
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1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-6237.30--41.37--25-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1-22100.00--33.05--25-PASS



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Field Strength of Spurious Radiation

Test Band = SA_n41

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3934.5	47.66	-43.81	29.84	-61.57	-25.00	36.57	Horizontal
2	4994	53.34	-42.44	31.18	-53.18	-25.00	28.18	Horizontal
3	7491	50.56	-38.01	36.88	-45.83	-25.00	20.83	Horizontal
4	9788.5	42.45	-35.07	38.45	-49.43	-25.00	24.43	Horizontal
5	12485	47.12	-34.43	39.12	-43.45	-25.00	18.45	Horizontal
6	16611.5	42.17	-31.16	39.49	-44.76	-25.00	19.76	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3812.5	47.67	-43.87	29.78	-61.68	-25.00	36.68	Vertical
2	4994	68.42	-42.44	31.18	-38.10	-25.00	13.10	Vertical
3	7491.5	51.51	-38.02	36.88	-44.89	-25.00	19.89	Vertical
4	10707	43.79	-34.94	39.51	-46.90	-25.00	21.90	Vertical
5	14798.5	41.59	-32.56	41.60	-44.63	-25.00	19.63	Vertical
6	16485.5	42.61	-31.31	39.23	-44.73	-25.00	19.73	Vertical



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Test Band = SA_n41
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5088	65.25	-42.38	31.52	-40.87	-25.00	15.87	Horizontal
2	7632	50.34	-37.69	36.67	-45.94	-25.00	20.94	Horizontal
3	9809.5	42.47	-34.94	38.44	-49.29	-25.00	24.29	Horizontal
4	12400.5	44.20	-34.34	39.80	-45.60	-25.00	20.60	Horizontal
5	16589.5	42.25	-30.91	39.48	-44.44	-25.00	19.44	Horizontal
6	17979.5	41.64	-39.75	47.83	-45.54	-25.00	20.54	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5088	69.13	-42.38	31.52	-36.99	-25.00	11.99	Vertical
2	7632	46.70	-37.69	36.67	-49.58	-25.00	24.58	Vertical
3	10176.5	43.85	-34.90	38.72	-47.59	-25.00	22.59	Vertical
4	12720	45.55	-34.06	38.92	-44.85	-25.00	19.85	Vertical
5	14798.5	42.06	-32.56	41.60	-44.16	-25.00	19.16	Vertical
6	17983	41.82	-39.76	47.89	-45.31	-25.00	20.31	Vertical



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Report No.: SUCR240100001702

Rev.: 01

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Test Band = SA_n41

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3949.5	47.74	-43.74	29.90	-61.36	-25.00	36.36	Horizontal
2	5182	61.36	-42.06	31.86	-44.10	-25.00	19.10	Horizontal
3	7773	53.59	-37.39	36.49	-42.57	-25.00	17.57	Horizontal
4	10560.5	43.14	-34.72	39.14	-47.70	-25.00	22.70	Horizontal
5	12955	47.27	-33.57	39.02	-42.54	-25.00	17.54	Horizontal
6	16584.5	42.00	-30.91	39.47	-44.70	-25.00	19.70	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3950	47.36	-43.74	29.90	-61.74	-25.00	36.74	Vertical
2	5182	67.18	-42.06	31.86	-38.28	-25.00	13.28	Vertical
3	7773	54.35	-37.39	36.49	-41.81	-25.00	16.81	Vertical
4	11037.5	43.14	-34.18	40.14	-46.16	-25.00	21.16	Vertical
5	12955	49.44	-33.57	39.02	-40.37	-25.00	15.37	Vertical
6	17995	41.31	-39.77	48.11	-45.61	-25.00	20.61	Vertical



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Test Band = SA_n41 MIMO

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1350.5	35.22	-18.97	25.10	-53.91	-25.00	28.91	Horizontal
2	4994	60.34	-42.44	31.18	-46.18	-25.00	21.18	Horizontal
3	7491	48.22	-38.01	36.88	-48.17	-25.00	23.17	Horizontal
4	12485	46.46	-34.43	39.12	-44.11	-25.00	19.11	Horizontal
5	14798.5	41.97	-32.56	41.60	-44.25	-25.00	19.25	Horizontal
6	17985	41.64	-39.76	47.93	-45.45	-25.00	20.45	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1446	35.07	-18.44	25.27	-53.36	-25.00	28.36	Vertical
2	4994	65.24	-42.44	31.18	-41.28	-25.00	16.28	Vertical
3	7491.5	54.02	-38.02	36.88	-42.38	-25.00	17.38	Vertical
4	9988	49.09	-34.87	38.69	-42.35	-25.00	17.35	Vertical
5	12485	46.13	-34.43	39.12	-44.44	-25.00	19.44	Vertical
6	16353.5	42.07	-30.60	38.66	-45.13	-25.00	20.13	Vertical



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Test Band = SA_n41 MIMO
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1443	34.97	-18.45	25.24	-53.50	-25.00	28.50	Horizontal
2	3852	47.54	-43.94	29.70	-61.96	-25.00	36.96	Horizontal
3	5088	62.05	-42.38	31.52	-44.07	-25.00	19.07	Horizontal
4	7632	49.65	-37.69	36.67	-46.63	-25.00	21.63	Horizontal
5	11791.5	43.82	-33.97	39.81	-45.60	-25.00	20.60	Horizontal
6	16347	42.42	-30.50	38.64	-44.70	-25.00	19.70	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1475	35.25	-18.45	25.10	-53.36	-25.00	28.36	Vertical
2	4423.5	47.76	-43.30	30.10	-60.70	-25.00	35.70	Vertical
3	5088	66.38	-42.38	31.52	-39.74	-25.00	14.74	Vertical
4	7632	47.71	-37.69	36.67	-48.57	-25.00	23.57	Vertical
5	11974.5	44.89	-34.73	39.68	-45.42	-25.00	20.42	Vertical
6	14800	41.46	-32.48	41.60	-44.68	-25.00	19.68	Vertical



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Report No.: SUCR240100001702

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Test Band = SA_n41 MIMO

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1455.5	35.09	-18.43	25.26	-53.34	-25.00	28.34	Horizontal
2	3946.5	47.69	-43.76	29.89	-61.44	-25.00	36.44	Horizontal
3	5182	59.50	-42.06	31.86	-45.96	-25.00	20.96	Horizontal
4	7773	47.07	-37.39	36.49	-49.09	-25.00	24.09	Horizontal
5	12955	47.42	-33.57	39.02	-42.39	-25.00	17.39	Horizontal
6	16596.5	42.13	-30.91	39.49	-44.55	-25.00	19.55	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1644	35.20	-17.95	25.45	-52.56	-25.00	27.56	Vertical
2	5182	63.10	-42.06	31.86	-42.36	-25.00	17.36	Vertical
3	7773	51.83	-37.39	36.49	-44.33	-25.00	19.33	Vertical
4	10364	47.60	-34.70	39.16	-43.20	-25.00	18.20	Vertical
5	12955	50.28	-33.57	39.02	-39.53	-25.00	14.53	Vertical
6	16592	42.01	-30.91	39.48	-44.68	-25.00	19.68	Vertical



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Test Band = NSA_B12+n41
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3526.5	48.45	-44.41	29.05	-62.17	-25.00	37.17	Horizontal
2	4345	47.27	-43.24	29.86	-61.37	-25.00	36.37	Horizontal
3	4994	62.67	-42.44	31.18	-43.85	-25.00	18.85	Horizontal
4	7491	46.27	-38.01	36.88	-50.12	-25.00	25.12	Horizontal
5	12485.5	47.04	-34.43	39.12	-43.53	-25.00	18.53	Horizontal
6	16601.5	41.78	-30.94	39.50	-44.92	-25.00	19.92	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3526.5	48.97	-44.41	29.05	-61.65	-25.00	36.65	Vertical
2	4994	67.77	-42.44	31.18	-38.75	-25.00	13.75	Vertical
3	7491.5	49.36	-38.02	36.88	-47.04	-25.00	22.04	Vertical
4	9169.5	45.54	-35.23	37.26	-47.69	-25.00	22.69	Vertical
5	9988	45.77	-34.87	38.69	-45.67	-25.00	20.67	Vertical
6	12485.5	50.06	-34.43	39.12	-40.51	-25.00	15.51	Vertical



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Test Band = NSA_B12+n41
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3527	50.26	-44.41	29.05	-60.36	-25.00	35.36	Horizontal
2	5088	60.84	-42.38	31.52	-45.28	-25.00	20.28	Horizontal
3	7631.5	46.47	-37.70	36.67	-49.82	-25.00	24.82	Horizontal
4	10566.5	43.28	-34.75	39.17	-47.56	-25.00	22.56	Horizontal
5	14803	41.80	-32.51	41.58	-44.39	-25.00	19.39	Horizontal
6	17980	41.50	-39.75	47.84	-45.67	-25.00	20.67	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3526.5	50.19	-44.41	29.05	-60.43	-25.00	35.43	Vertical
2	5088	65.02	-42.38	31.52	-41.10	-25.00	16.10	Vertical
3	7632.5	47.08	-37.68	36.67	-49.19	-25.00	24.19	Vertical
4	11238	44.79	-35.65	40.16	-45.96	-25.00	20.96	Vertical
5	14801.5	41.48	-32.49	41.59	-44.68	-25.00	19.68	Vertical
6	17183.5	43.09	-35.67	42.43	-45.41	-25.00	20.41	Vertical



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Test Band = NSA_B12+n41

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3526.5	49.58	-44.41	29.05	-61.04	-25.00	36.04	Horizontal
2	5182	59.21	-42.06	31.86	-46.25	-25.00	21.25	Horizontal
3	7773.5	52.74	-37.39	36.49	-43.42	-25.00	18.42	Horizontal
4	10716	43.67	-34.93	39.52	-47.00	-25.00	22.00	Horizontal
5	12955	48.76	-33.57	39.02	-41.05	-25.00	16.05	Horizontal
6	16591.5	42.02	-30.91	39.48	-44.67	-25.00	19.67	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3605.5	47.35	-44.33	28.94	-63.30	-25.00	38.30	Vertical
2	5182	70.30	-42.06	31.86	-35.16	-25.00	10.16	Vertical
3	7772.5	45.50	-37.40	36.49	-50.67	-25.00	25.67	Vertical
4	10364	46.03	-34.70	39.16	-44.77	-25.00	19.77	Vertical
5	12955	51.35	-33.57	39.02	-38.46	-25.00	13.46	Vertical
6	16593.5	42.02	-30.91	39.49	-44.66	-25.00	19.66	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.400000	-0.000540	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.600000	-0.000231	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-11.800000	-0.004551	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-3.500000	-0.001350	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-5.000000	-0.001928	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-12.600000	-0.004859	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-13.500000	-0.005206	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.900000	-0.002275	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-0.300000	-0.000116	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.300000	-0.001658	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.700000	-0.002970	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-8.000000	-0.003085	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.400000	-0.001311	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.400000	-0.001697	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-7.300000	-0.002815	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-9.800000	-0.003779	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	2.600000	0.001003	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-6.500000	-0.002507	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-0.700000	-0.000270	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-1.300000	-0.000501	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-2.900000	-0.001118	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-10.800000	-0.004165	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	1.500000	0.000578	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-3.300000	-0.001273	PASS

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