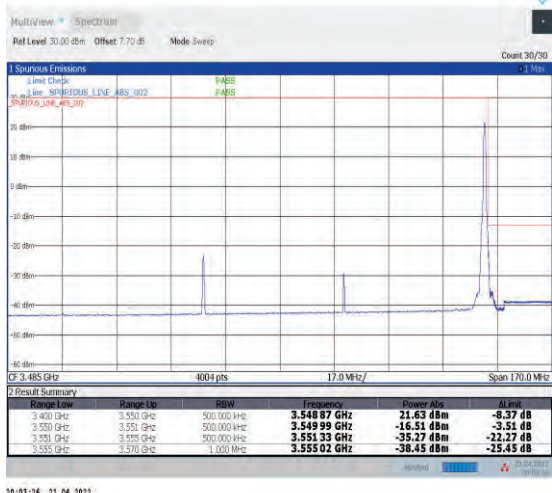


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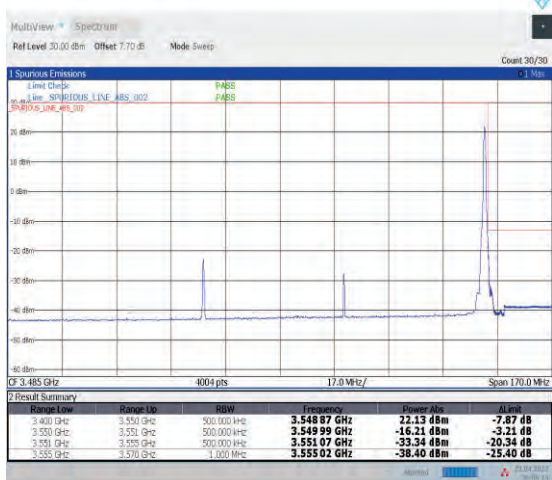
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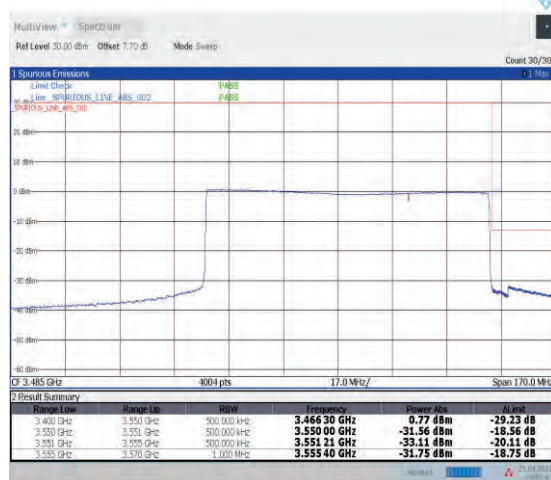
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10:06:26 11.04.2022

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10:07:46 11.04.2022

1-N78-3450-3550--30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-PASS-see graph



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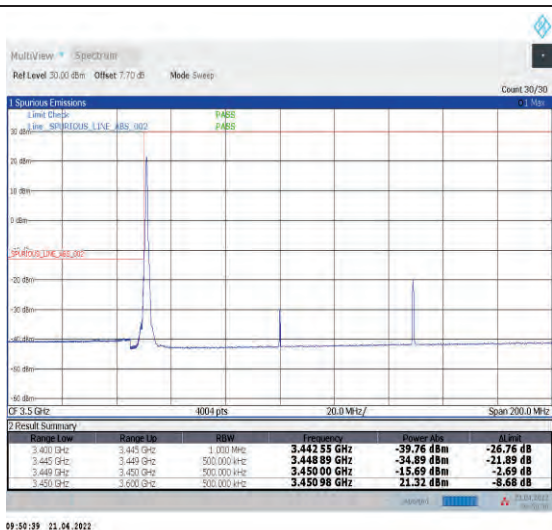
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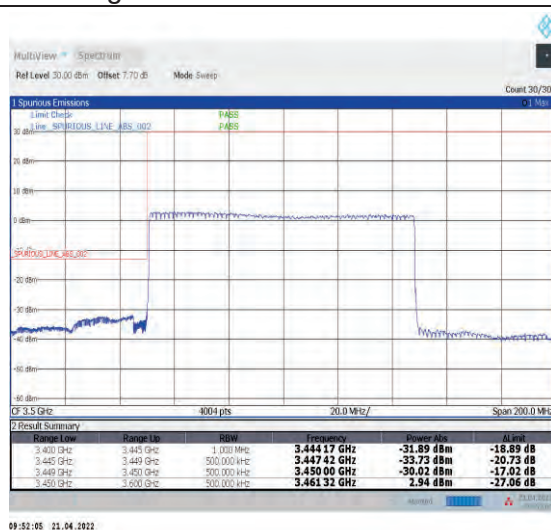
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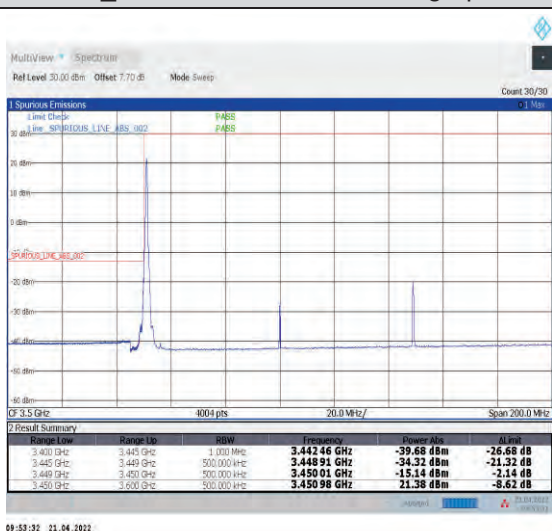
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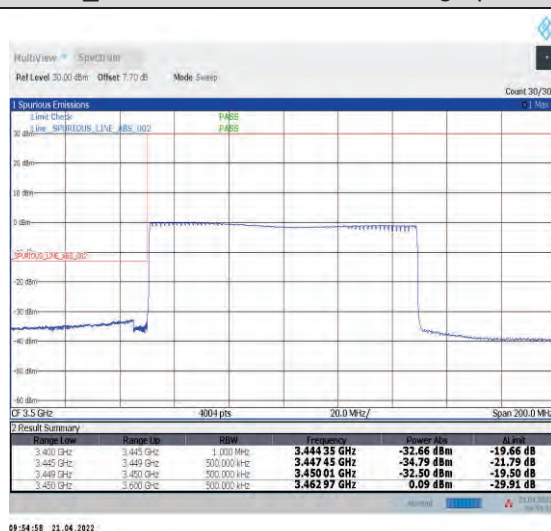
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er_Full-270@0-Ant1-PASS-see graph



1-N78-3450-3550--30-100-L-4-CP-QPSK-Edge_1RB_
Left-1@0-Ant1-PASS-see graph



1-N78-3450-3550--30-100-L-6-CP-QPSK-Outer_F
ull-273@0-Ant1-PASS-see graph



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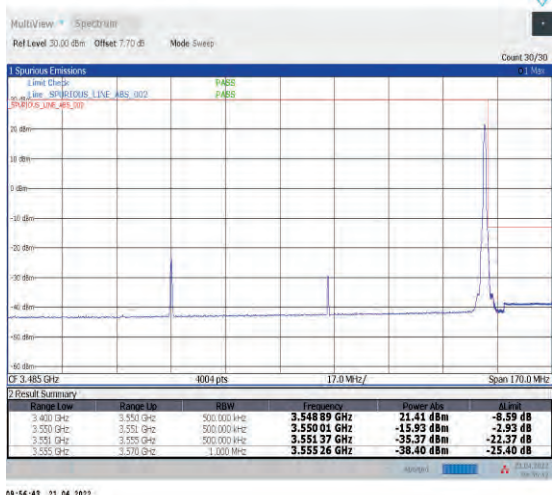
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09:56:42 21.04.2022

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RB_Right-1@272-Ant1-PASS-see graph



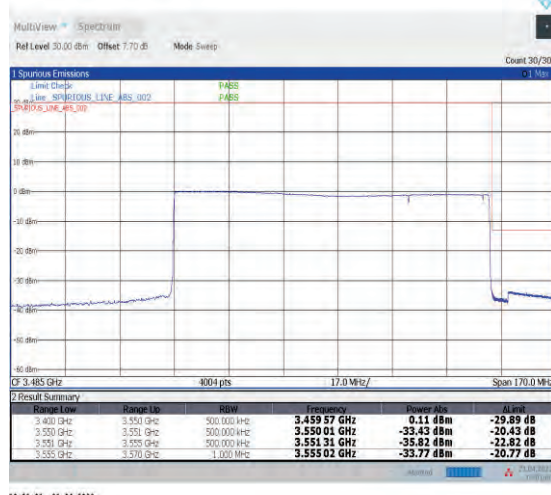
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10:01:01 21.04.2022

1-N78-3450-3550--30-100-H-6-CP-QPSK-Outer_F
ull-273@0-Ant1-PASS-see graph



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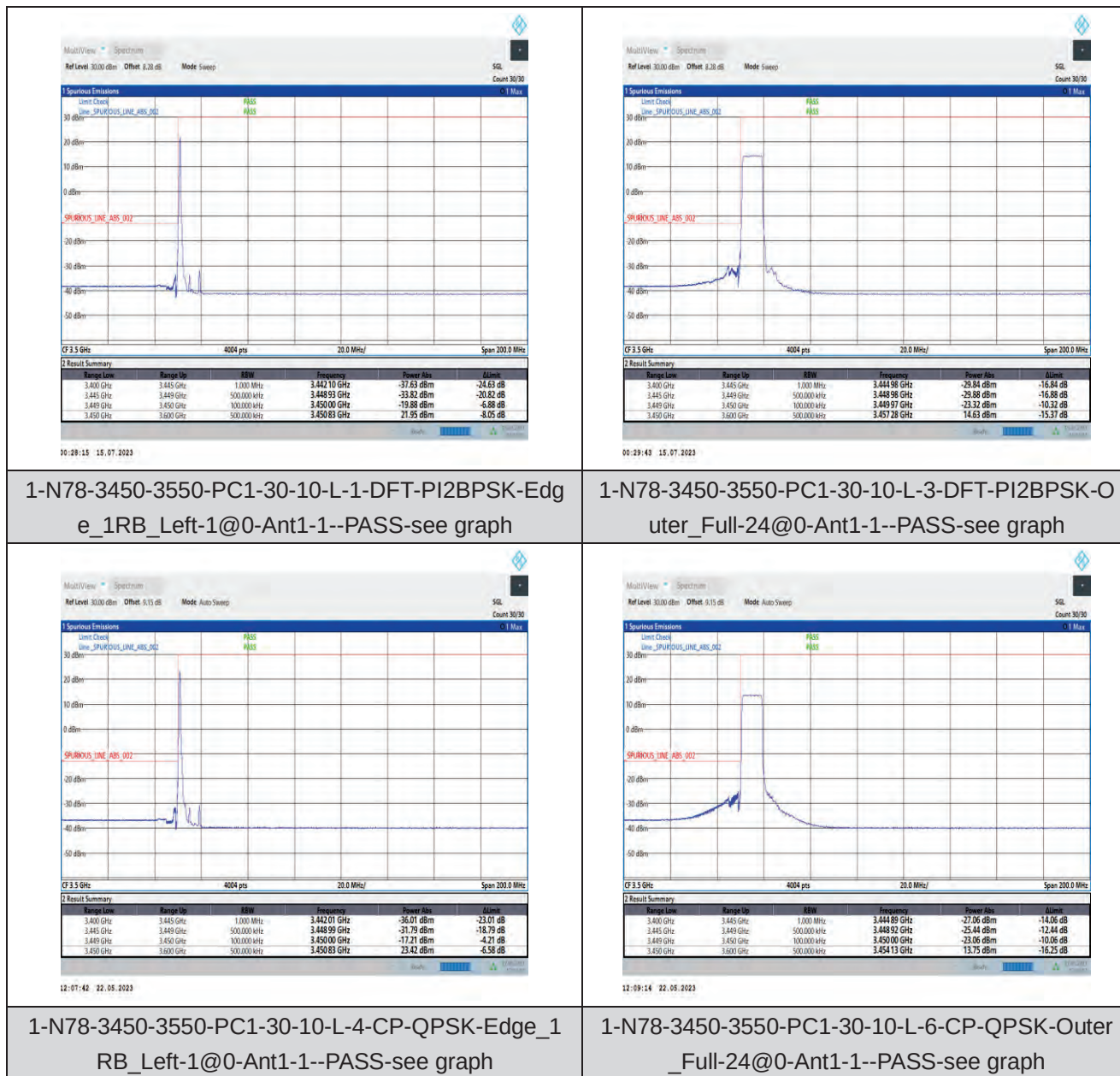
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Test Graphs for MIMO



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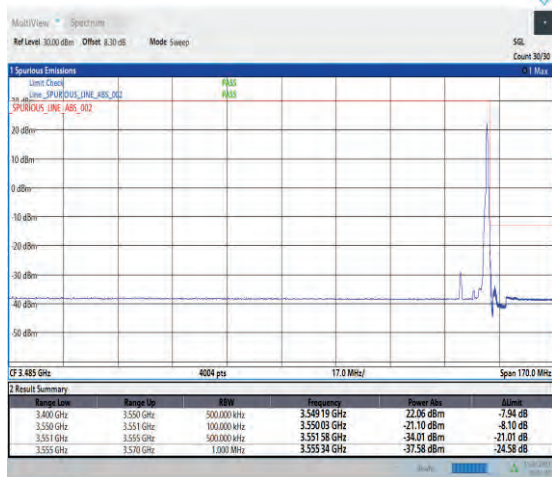
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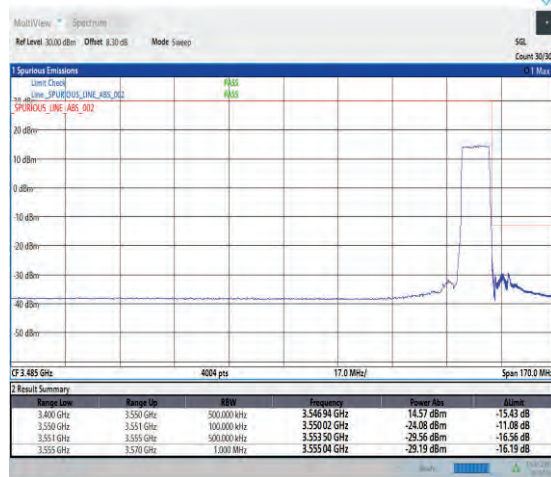
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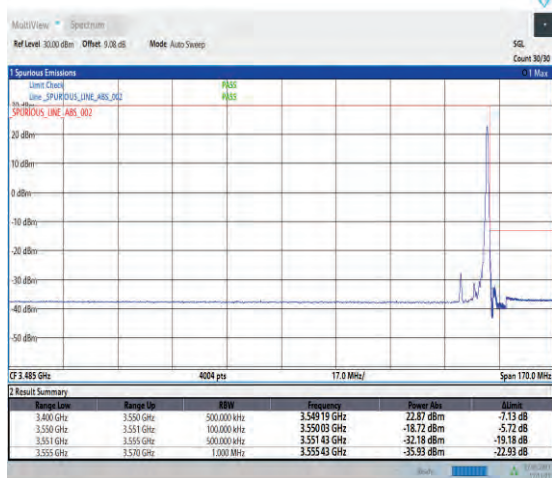
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12:12:28 22.05.2023

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12:12:59 22.05.2023

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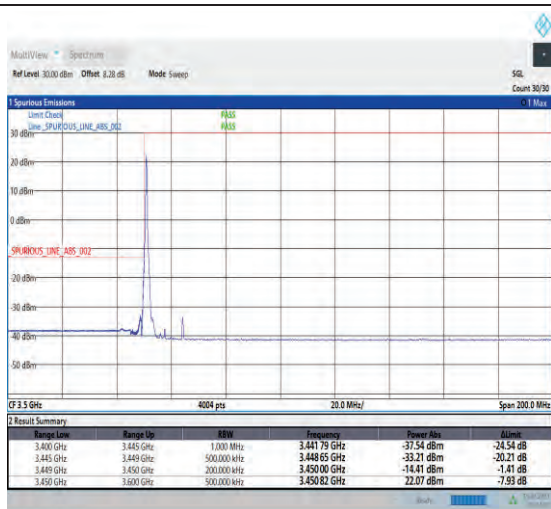
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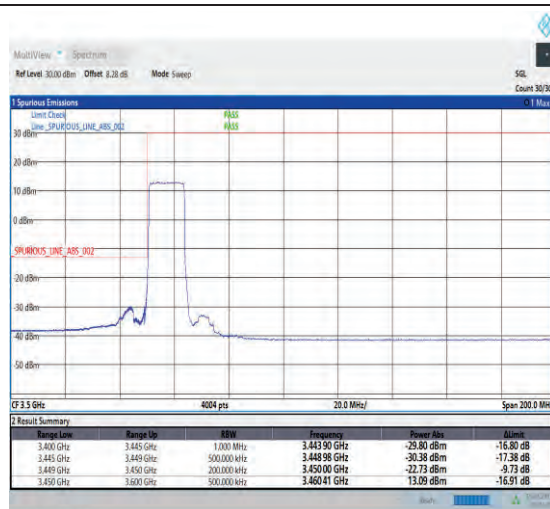
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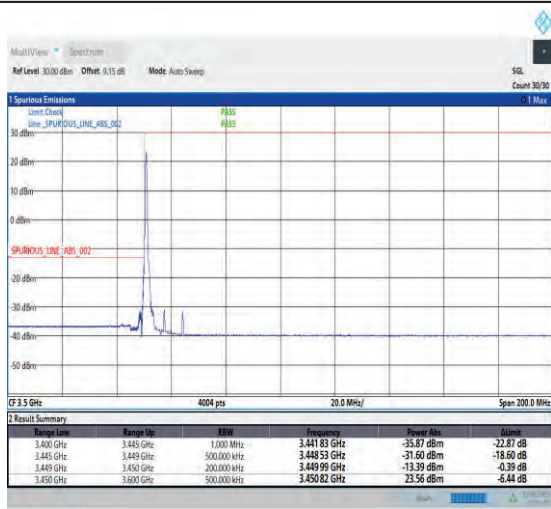
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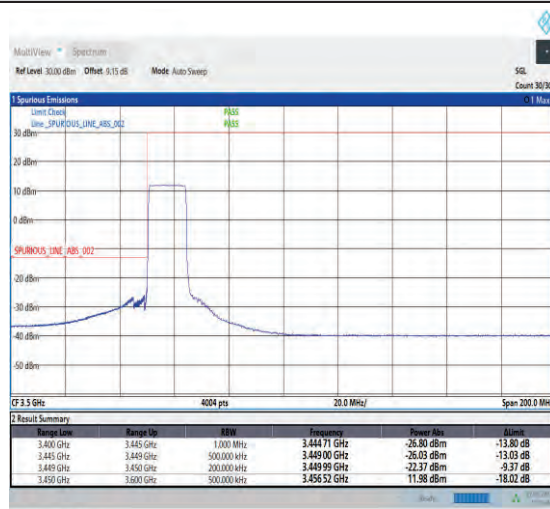
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12:15:12 22.05.2023

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12:15:44 22.05.2023

1-N78-3450-3550-PC1-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



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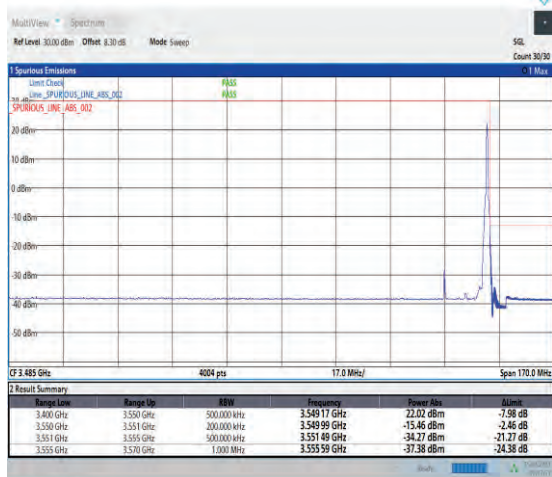
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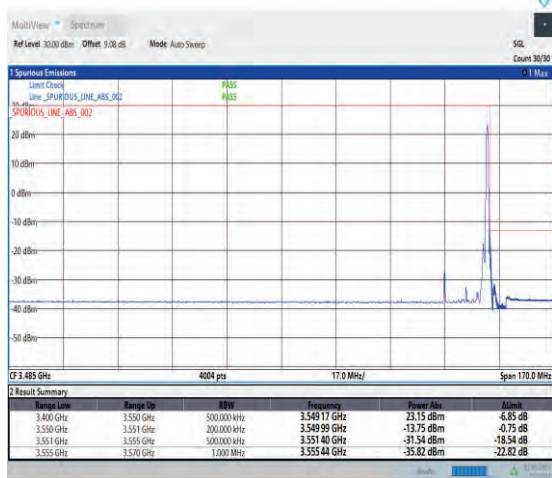
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12:18:24 22.05.2023

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12:19:14 22.05.2023

1-N78-3450-3550-PC1-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



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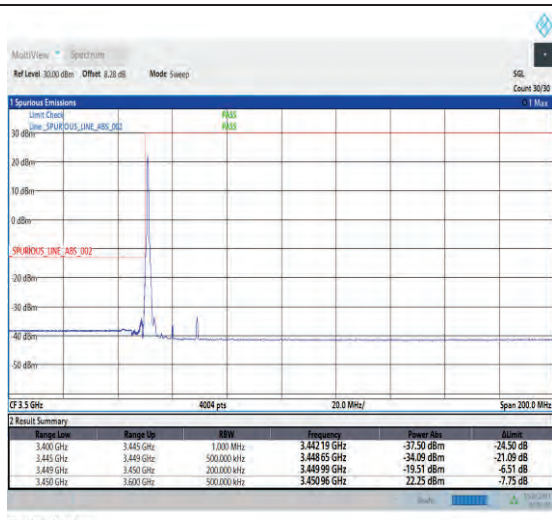
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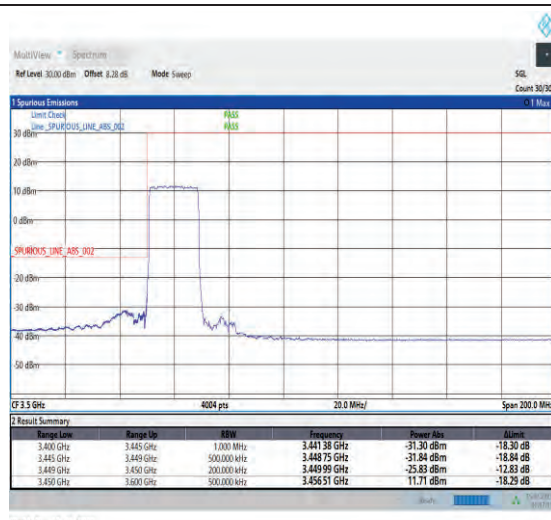
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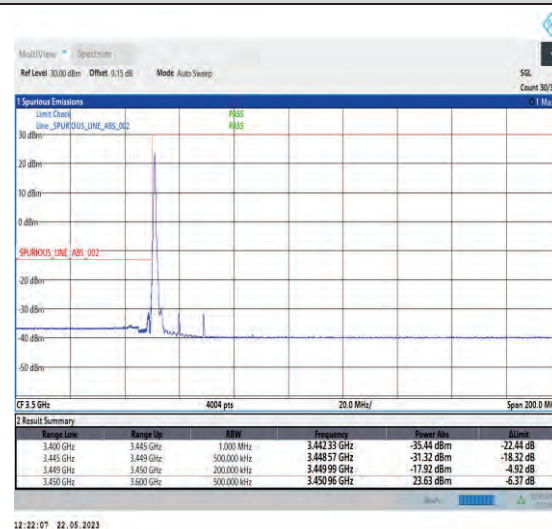
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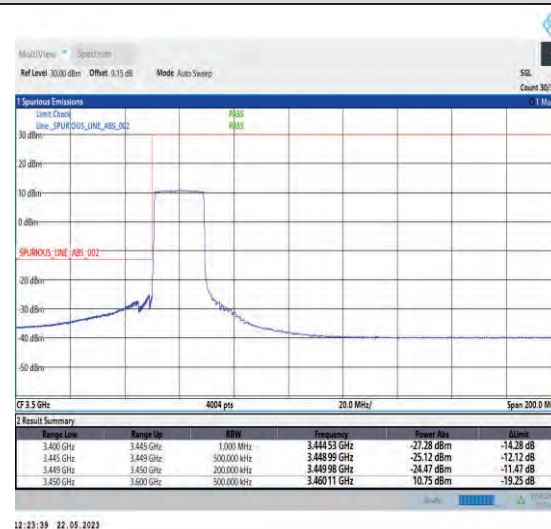
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12:22:07 22.05.2023

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12:23:39 22.05.2023

1-N78-3450-3550-PC1-30-20-L-6-CP-QPSK-Outer _Full-51@0-Ant1-1--PASS-see graph



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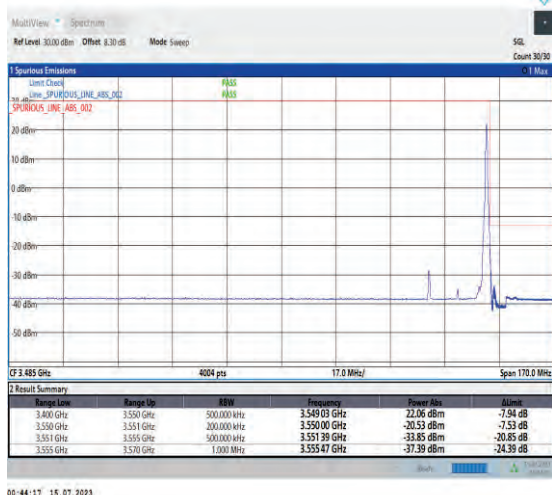
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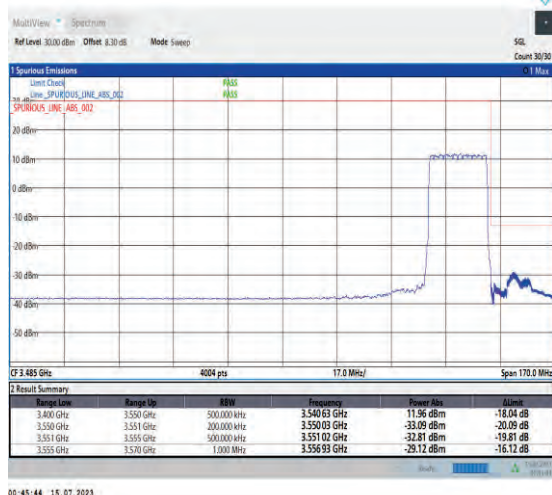
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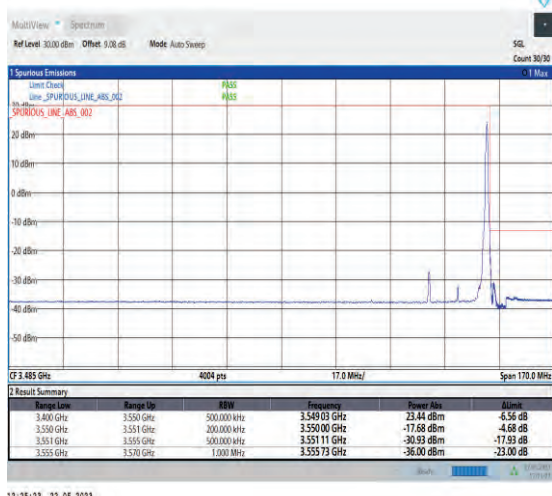
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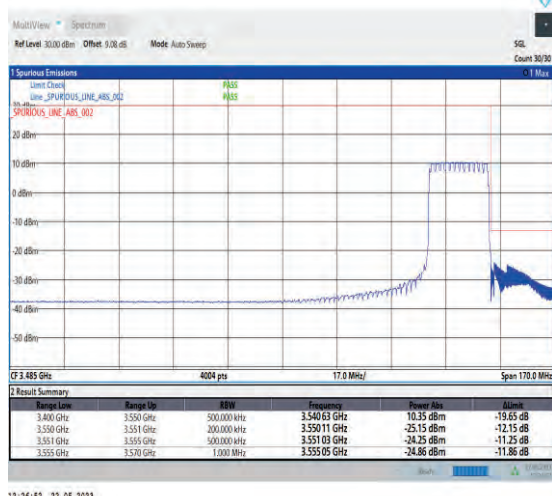
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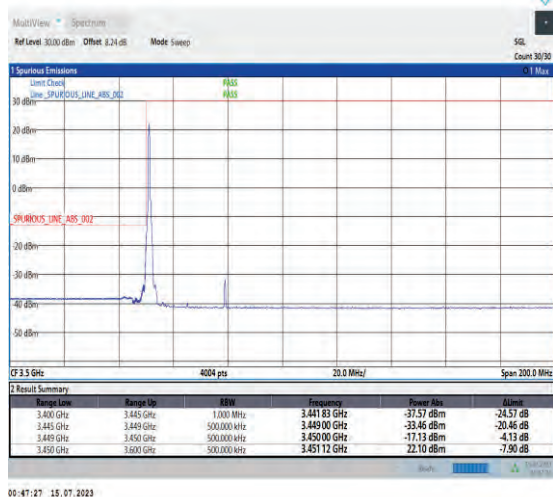
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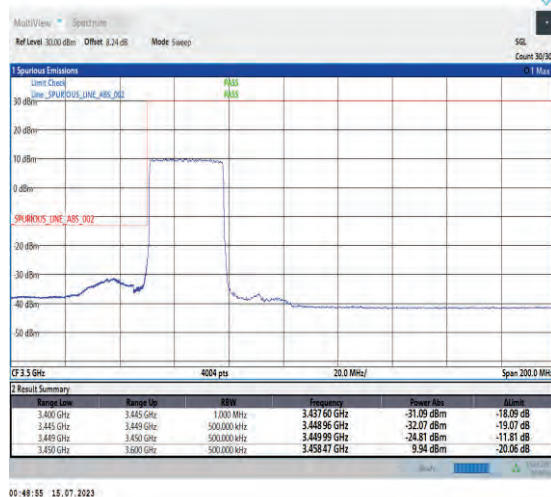
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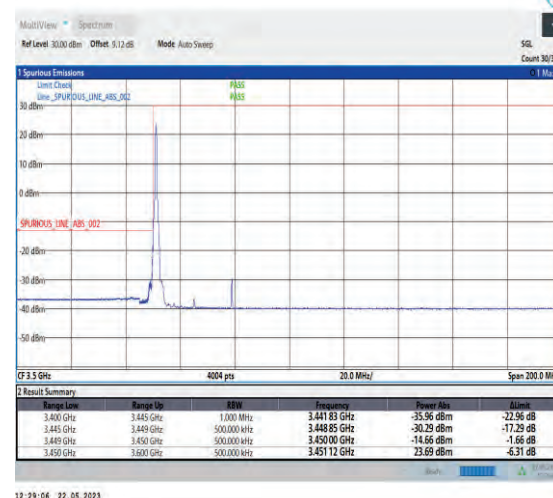
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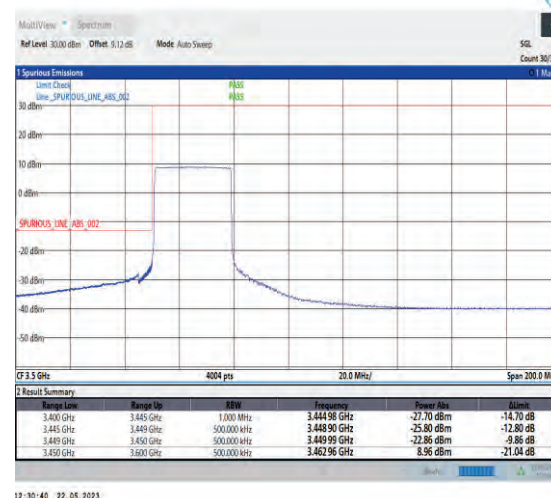
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12:29:06 22.05.2023

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12:30:40 22.05.2023

1-N78-3450-3550-PC1-30-30-L-6-CP-QPSK-Outer _Full-78@0-Ant1-1--PASS-see graph



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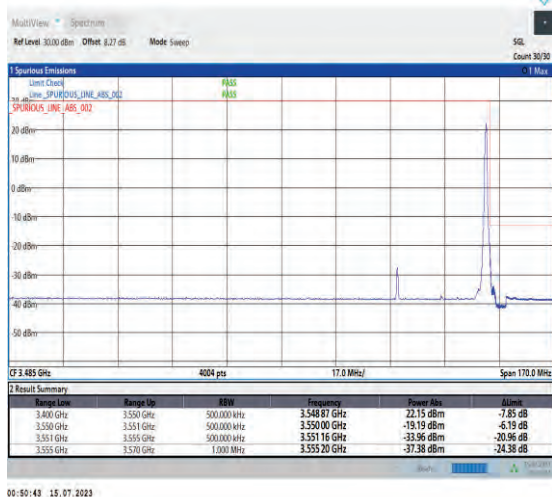
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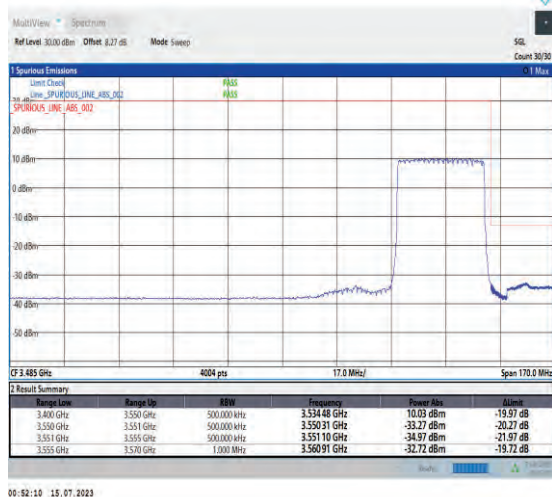
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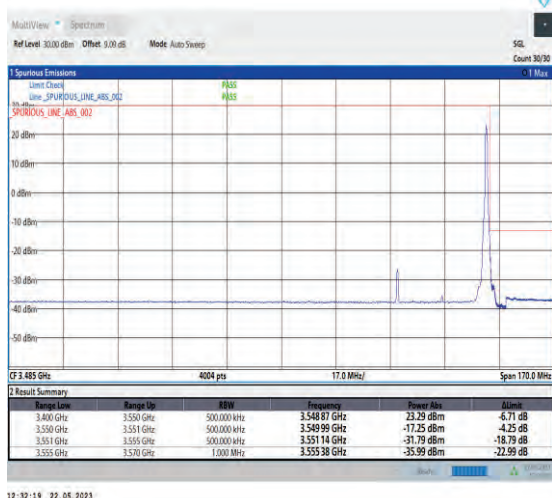
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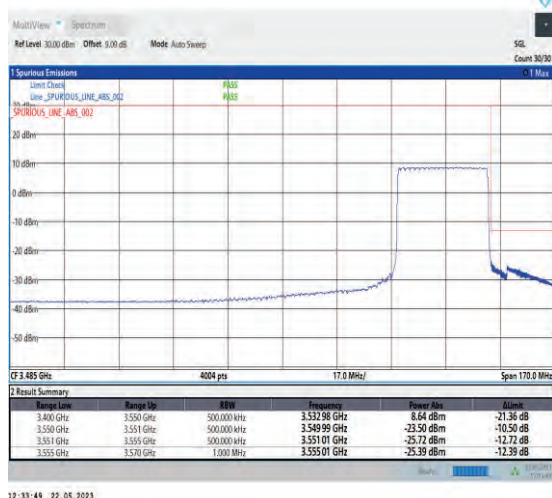
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1-N78-3450-3550-PC1-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



12:32:19 22.05.2023

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12:33:49 22.05.2023

1-N78-3450-3550-PC1-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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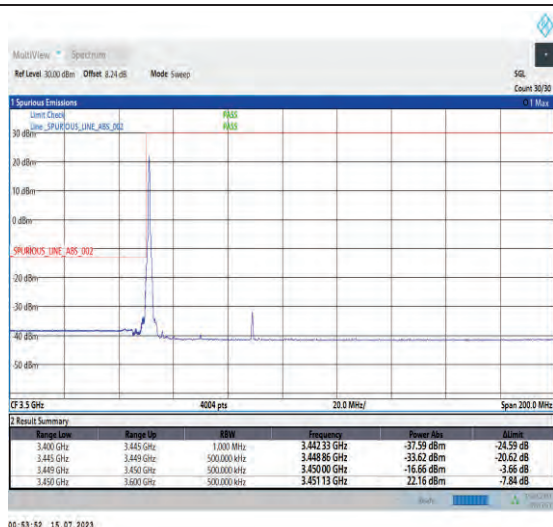
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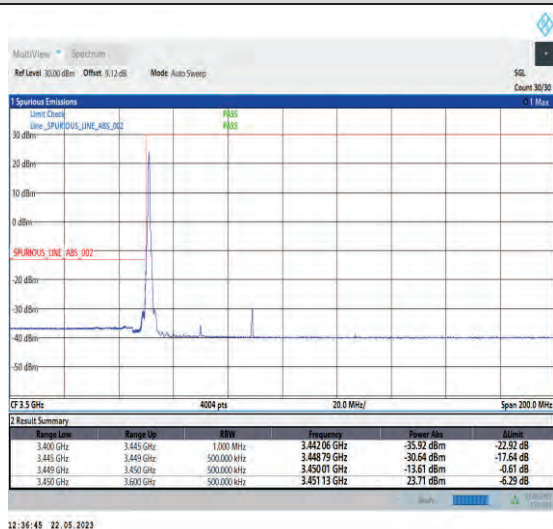
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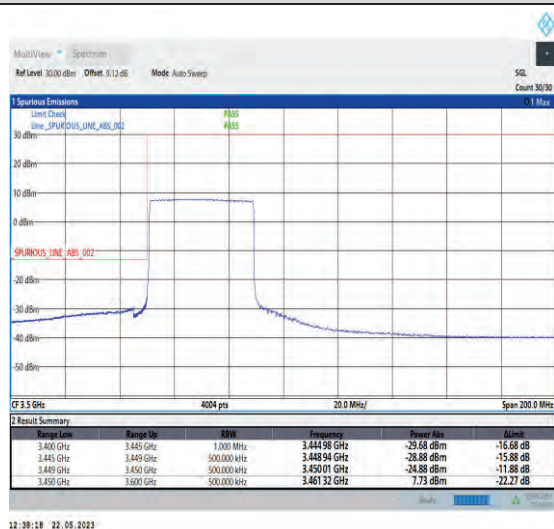
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12:36:45 22.05.2023

1-N78-3450-3550-PC1-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



12:38:19 22.05.2023

1-N78-3450-3550-PC1-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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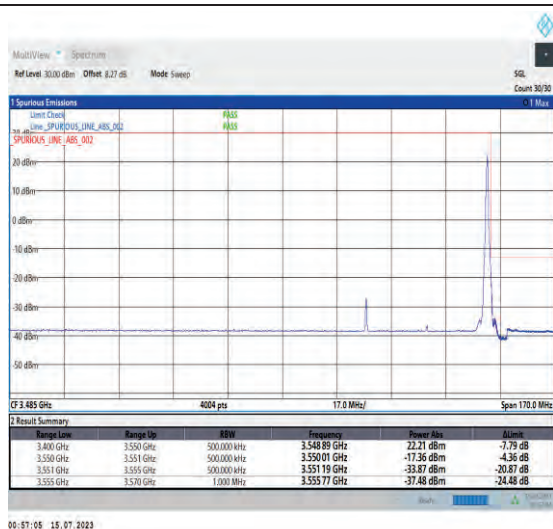
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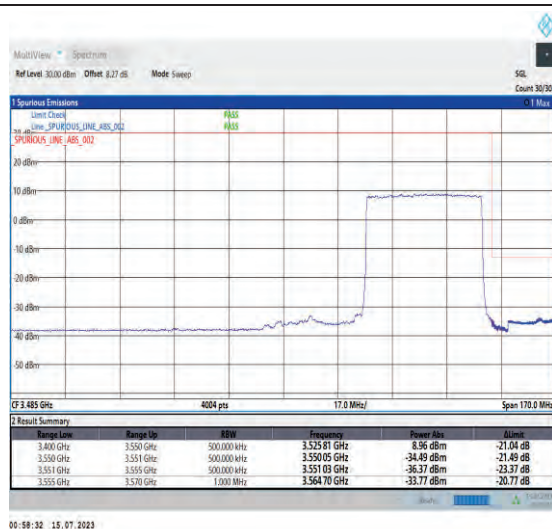
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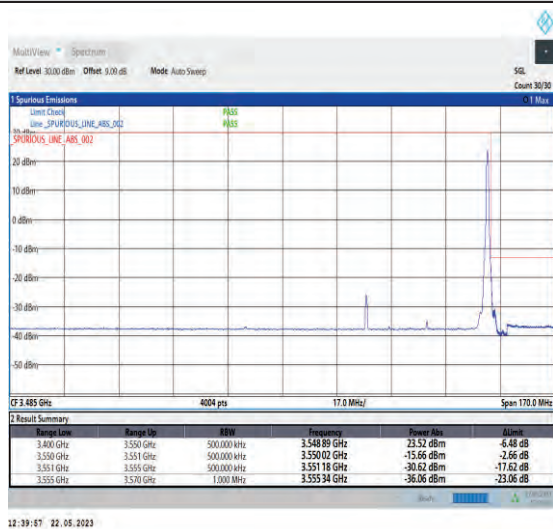
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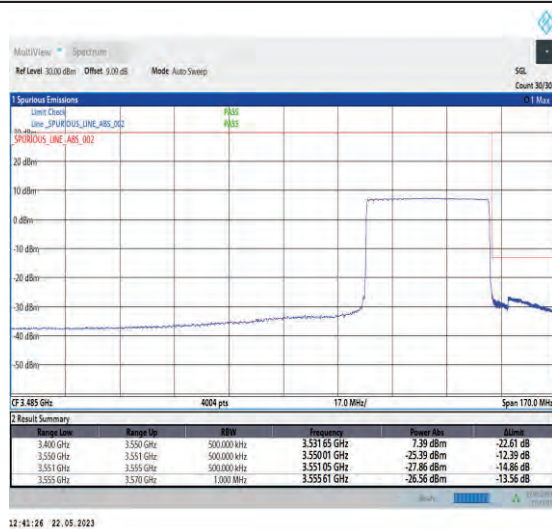
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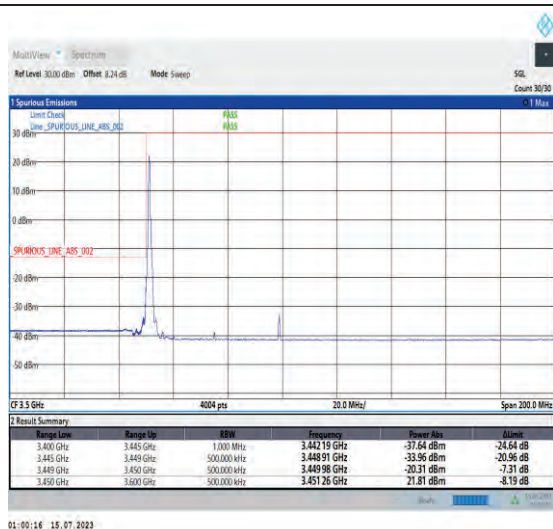
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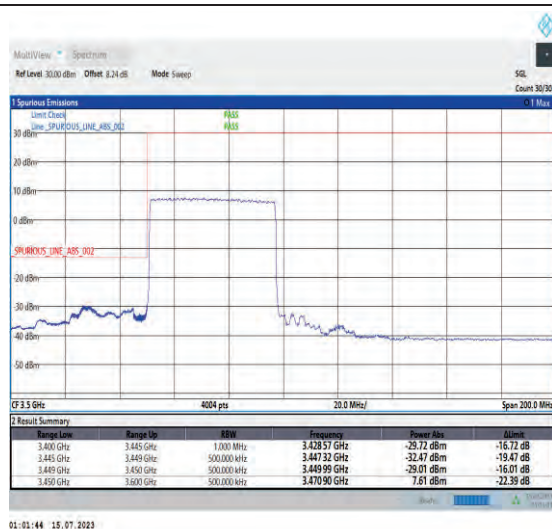
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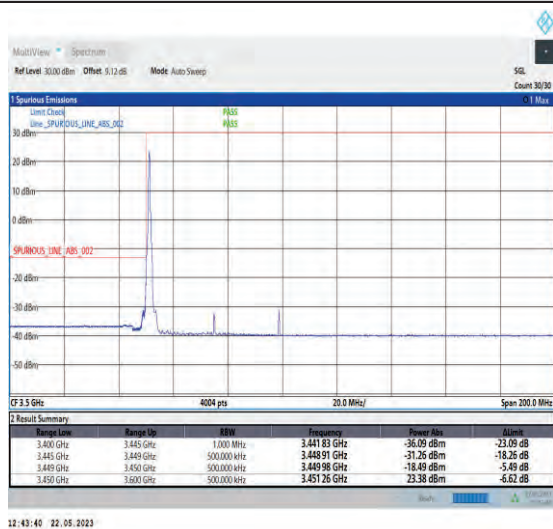
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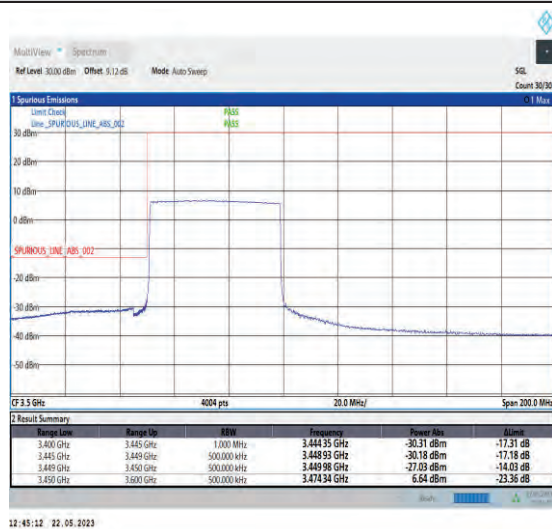
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12:45:12 22.05.2023

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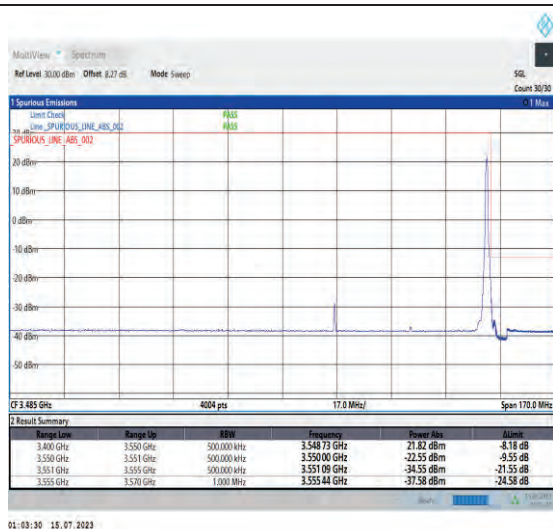
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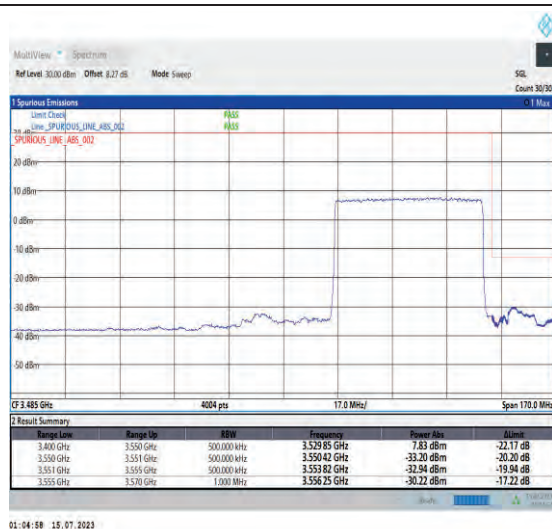
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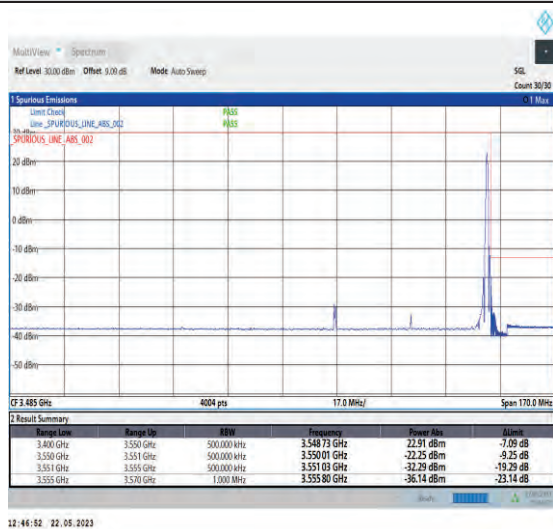
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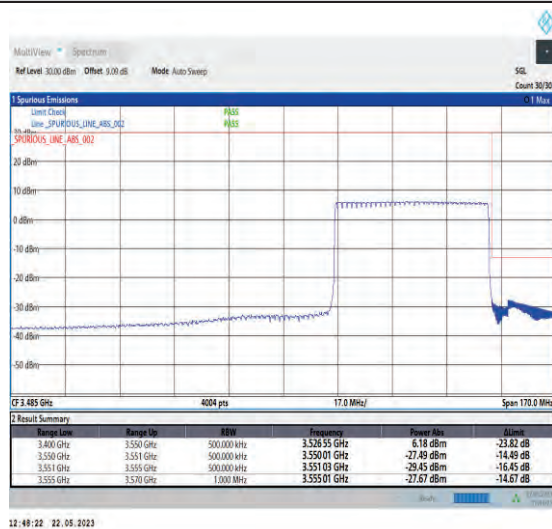
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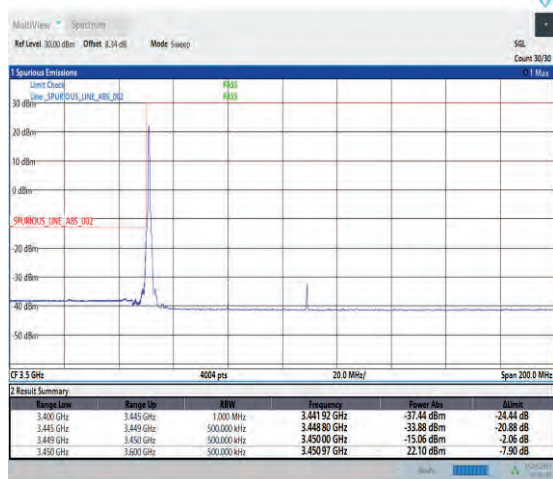
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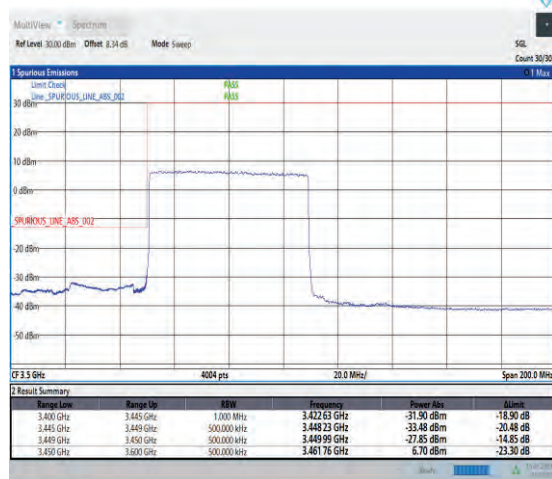
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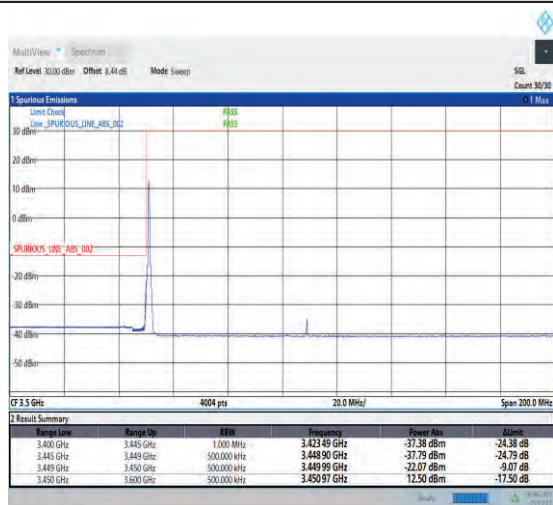
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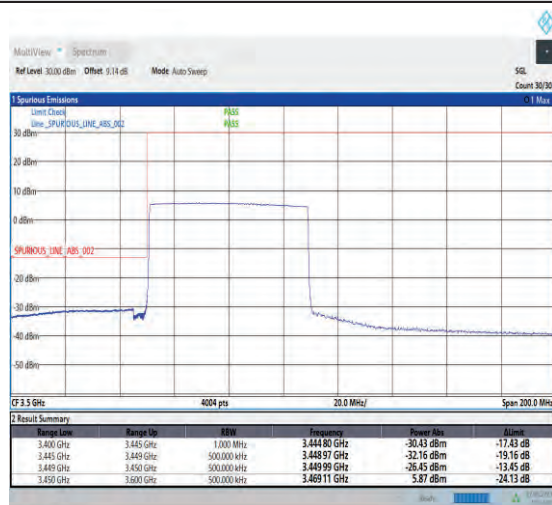
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19:23:23 16.06.2023

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12:52:08 22.05.2023

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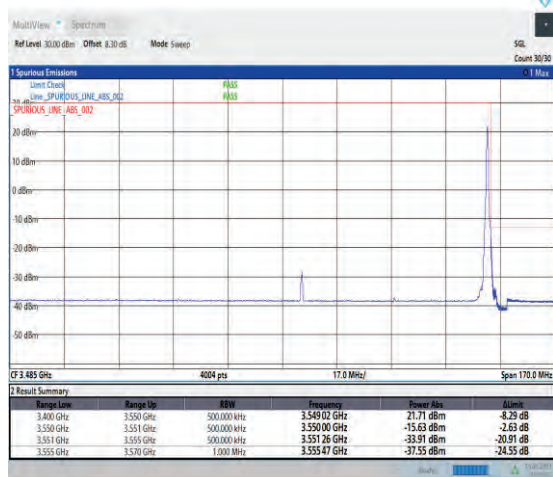
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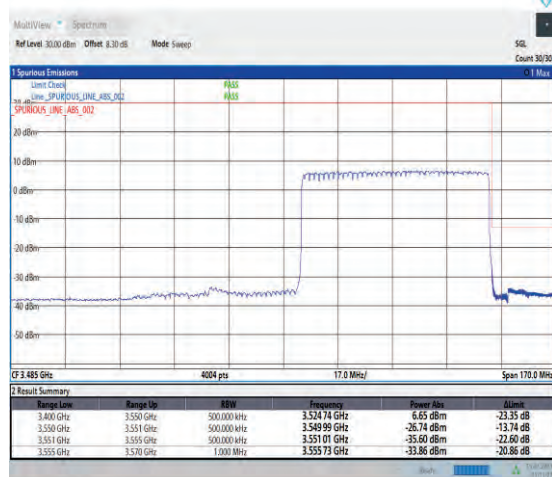
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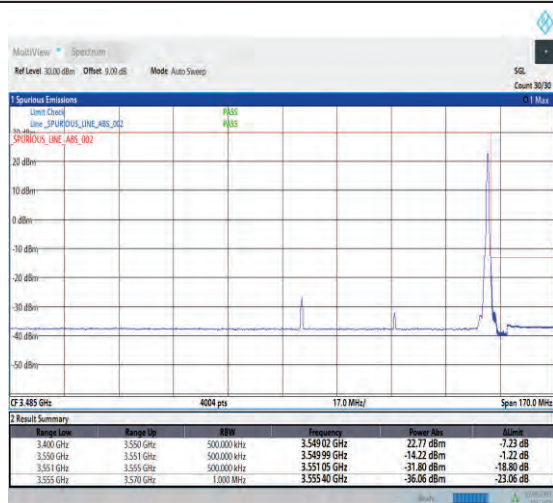
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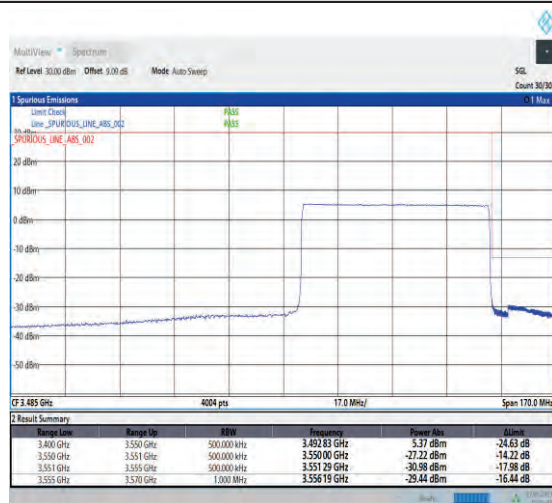
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12:53:59 22.05.2023

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12:55:28 22.05.2023

1-N78-3450-3550-PC1-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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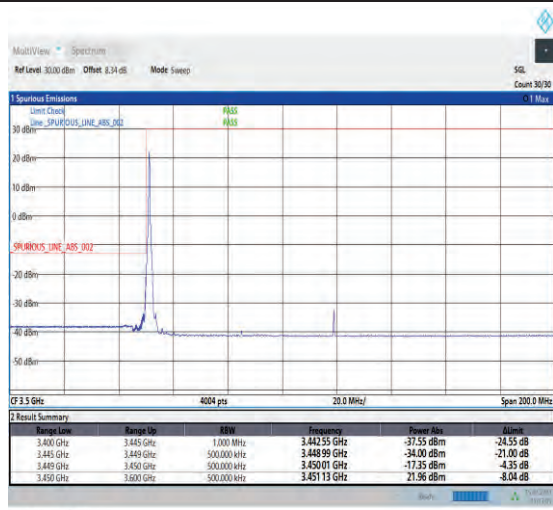
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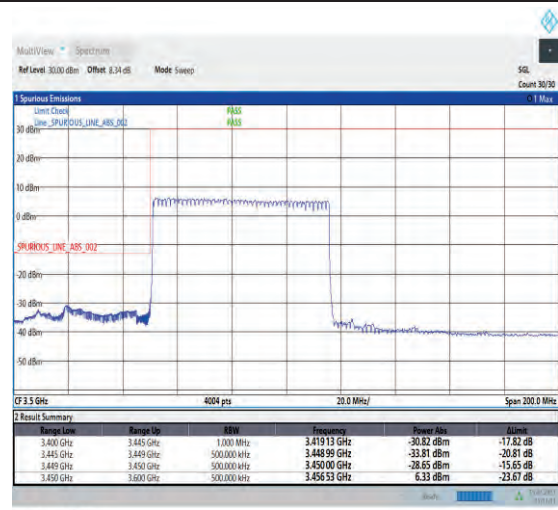
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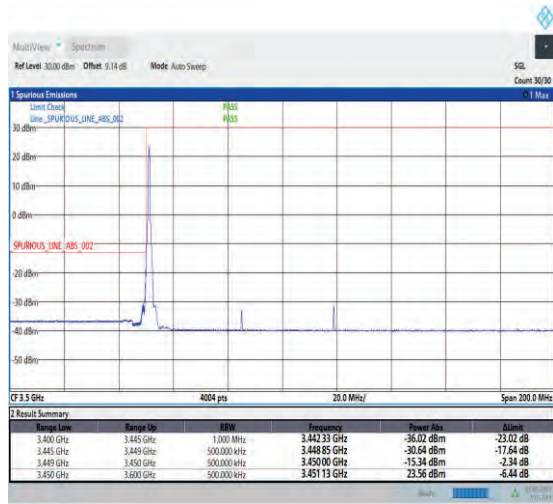
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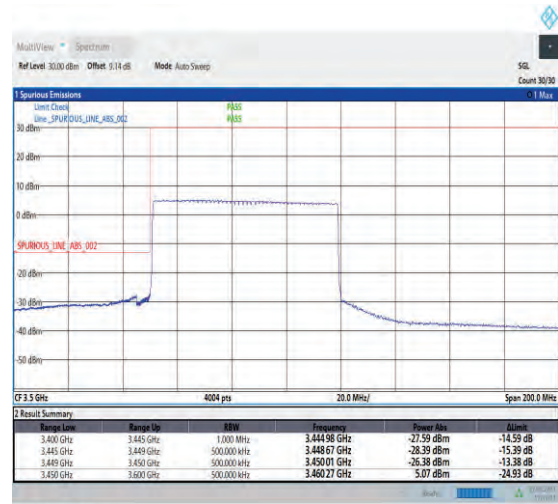
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12:57:42 22.05.2023

1-N78-3450-3550-PC1-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



12:59:14 22.05.2023

1-N78-3450-3550-PC1-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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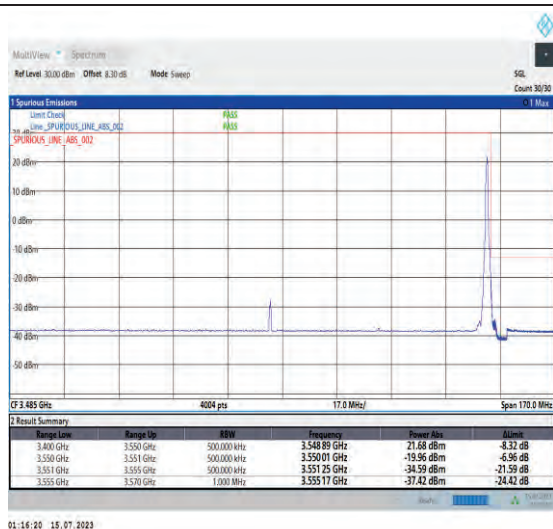
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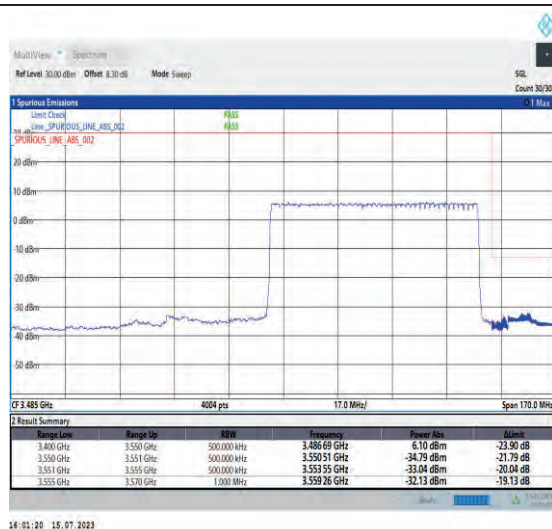
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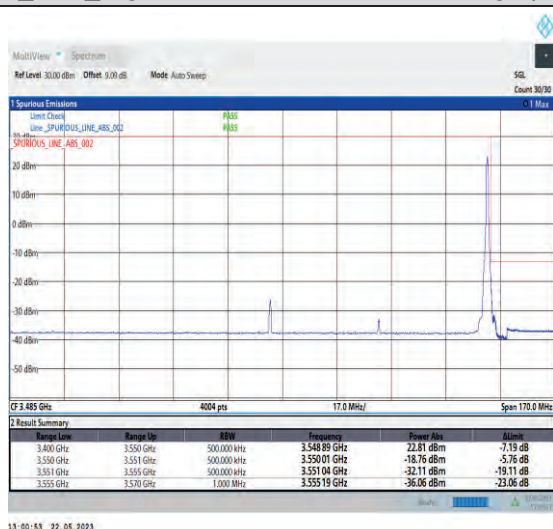
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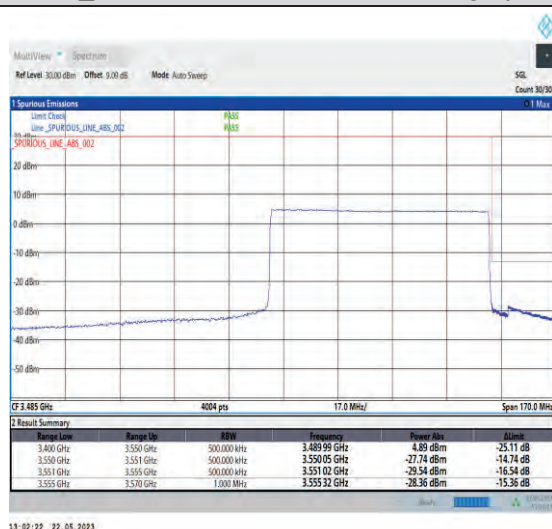
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13:10:53 22.05.2023

1-N78-3450-3550-PC1-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph



13:02:22 22.05.2023

1-N78-3450-3550-PC1-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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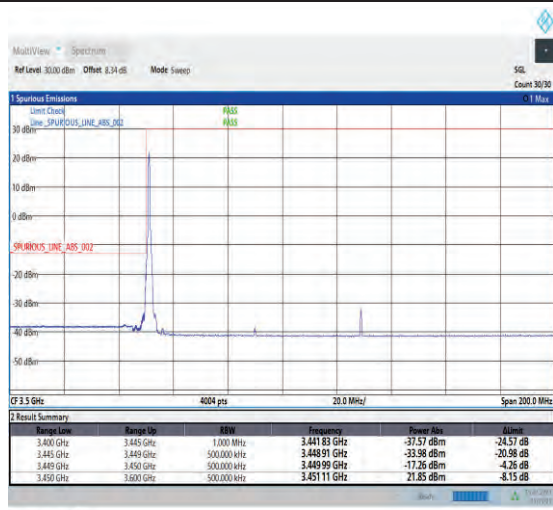
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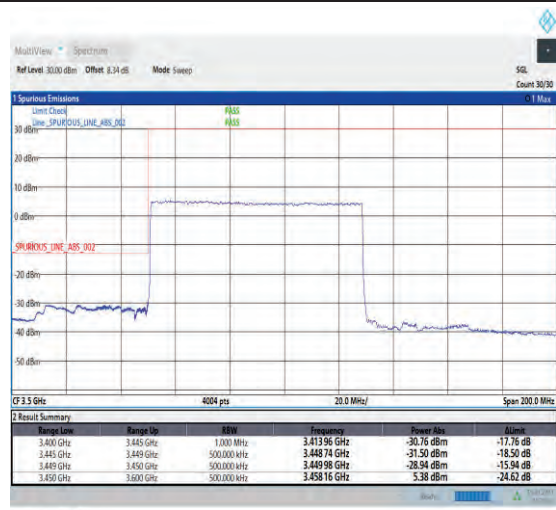
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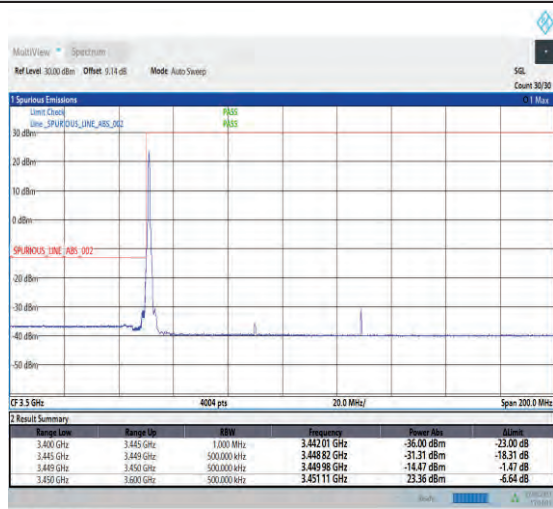
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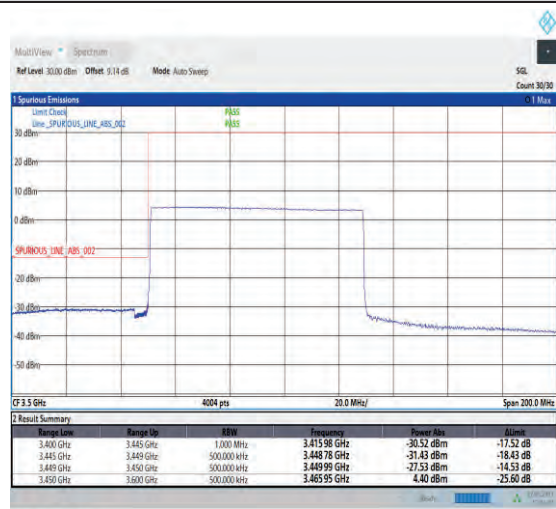
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13:04:36 22.05.2023

1-N78-3450-3550-PC1-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



13:06:09 22.05.2023

1-N78-3450-3550-PC1-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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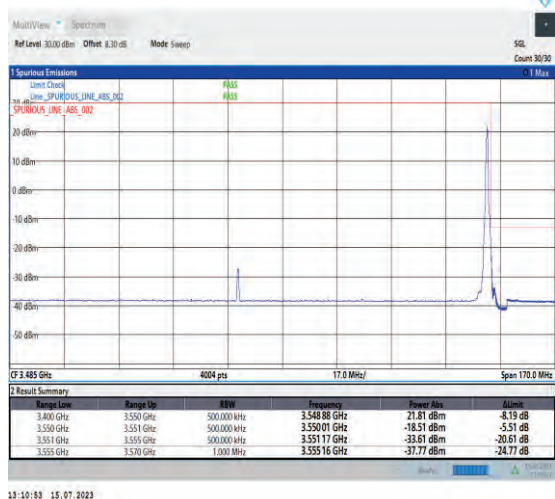
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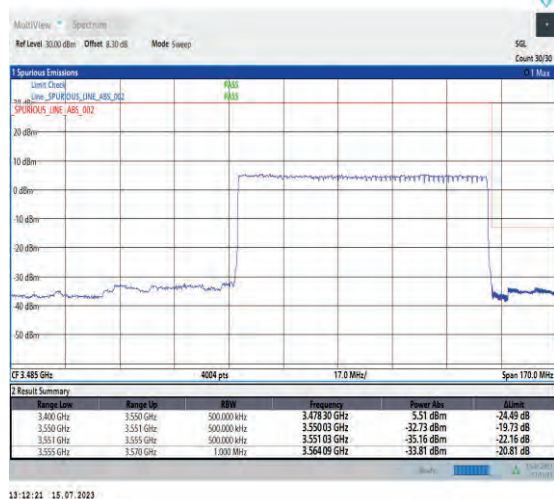
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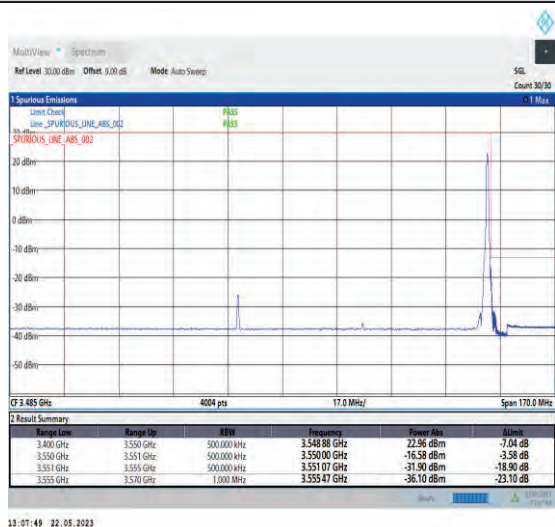
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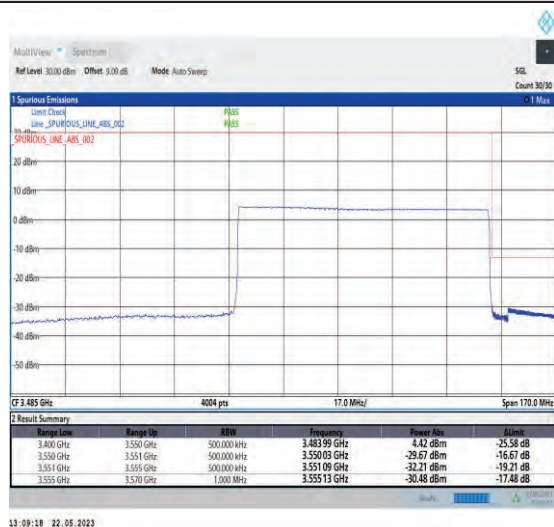
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13:07:49 22.05.2023

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13:09:19 22.05.2023

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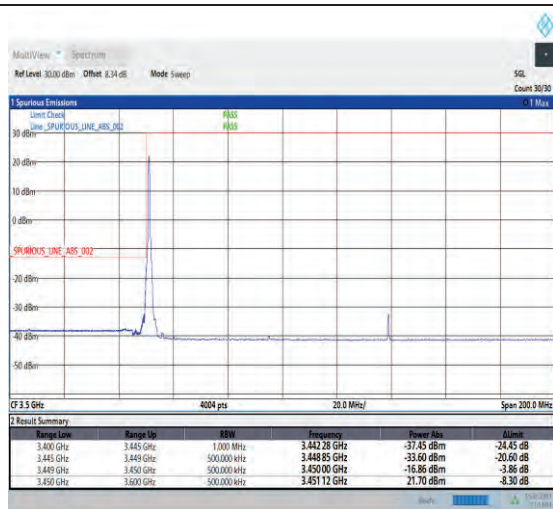
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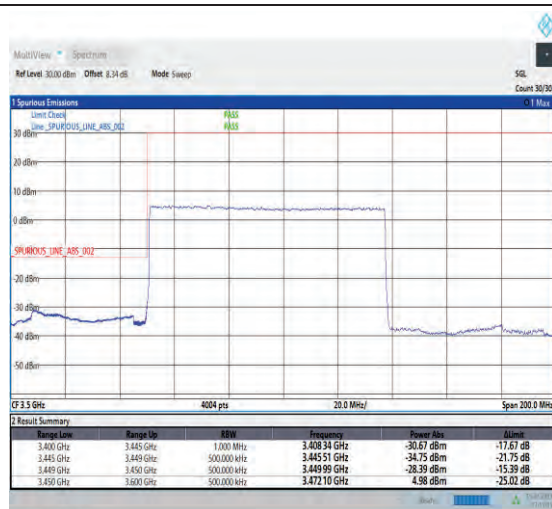
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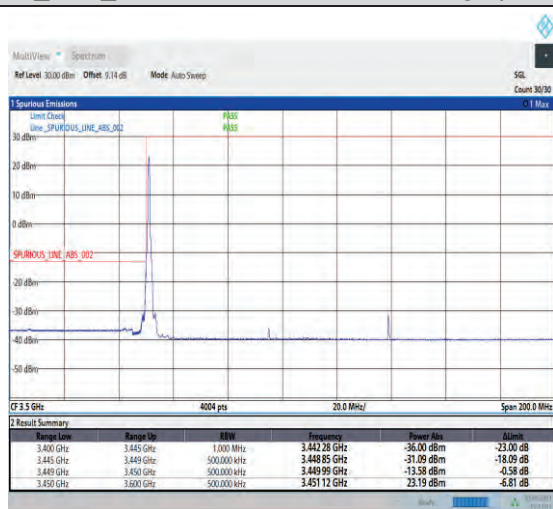
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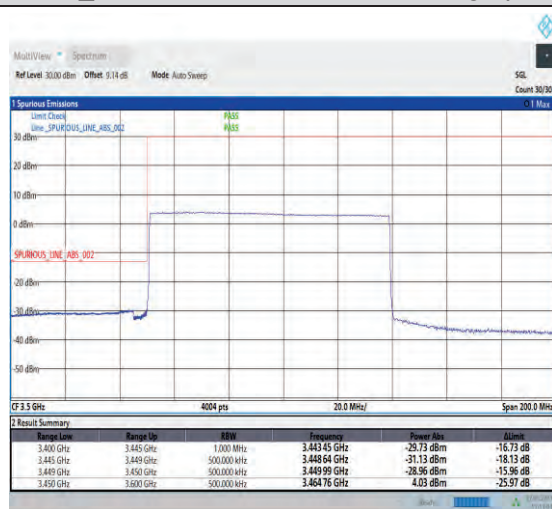
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13:11:31 22.05.2023

1-N78-3450-3550-PC1-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



13:13:05 22.05.2023

1-N78-3450-3550-PC1-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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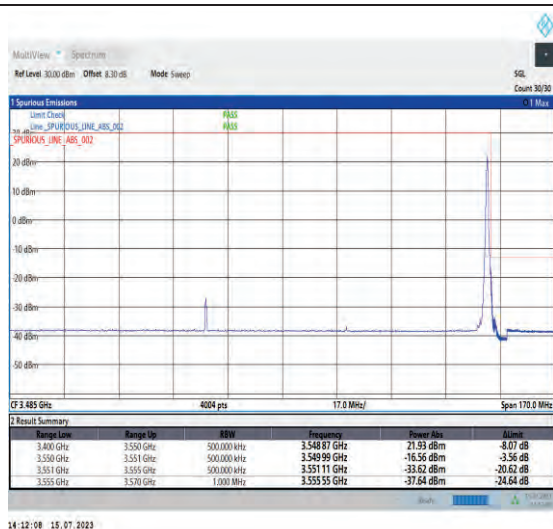
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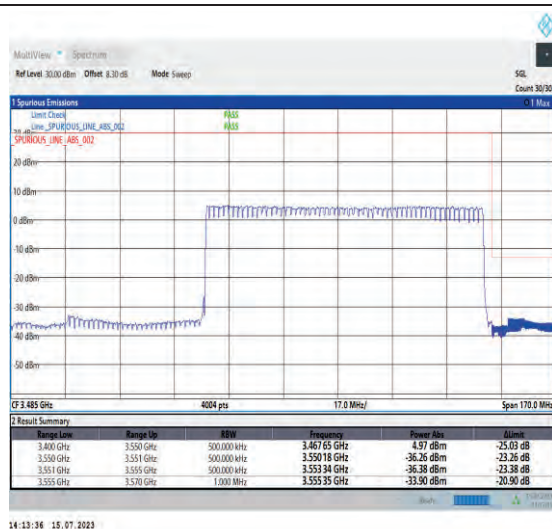
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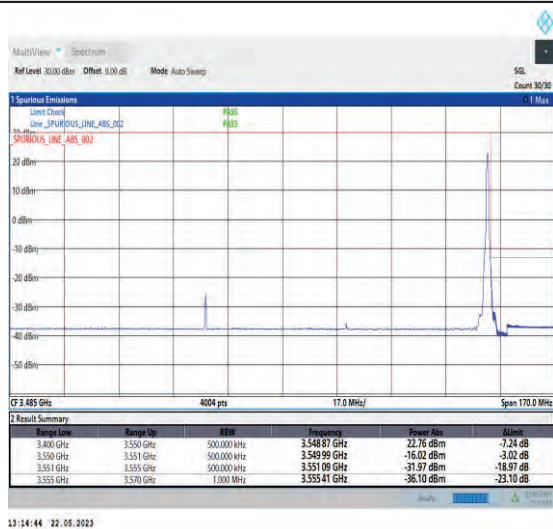
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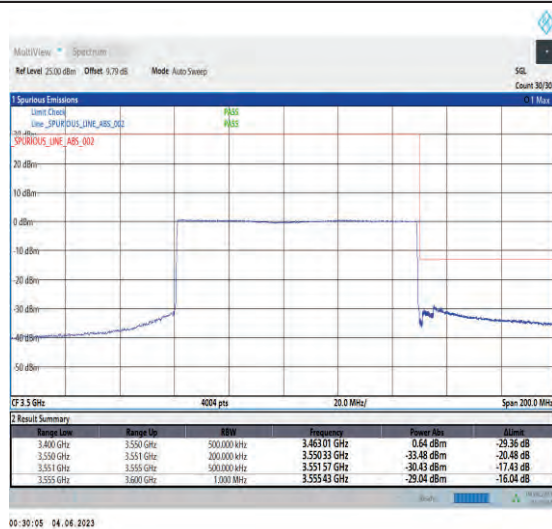
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13:14:44 22.05.2023

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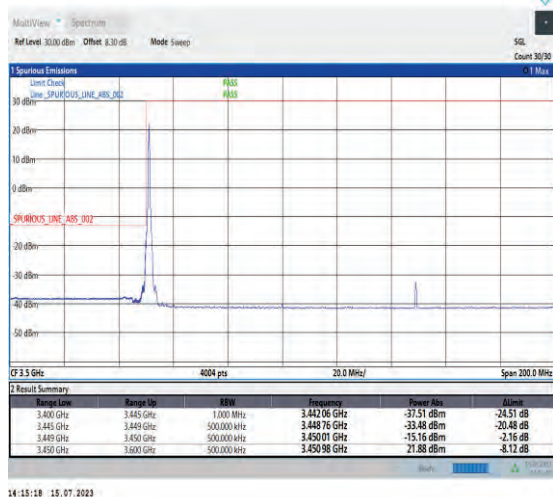
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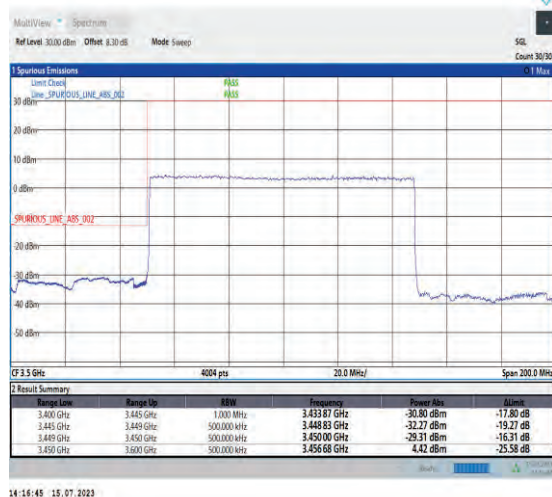
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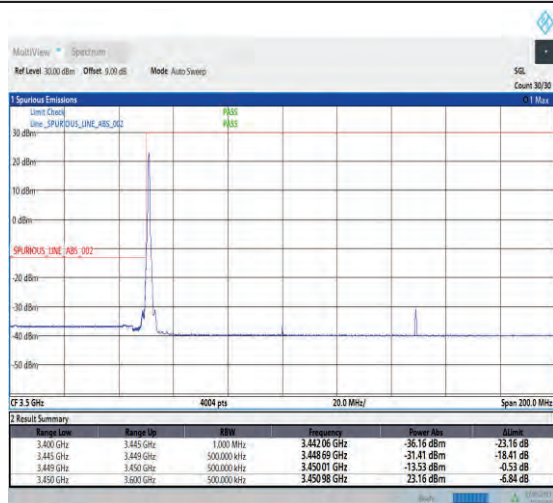
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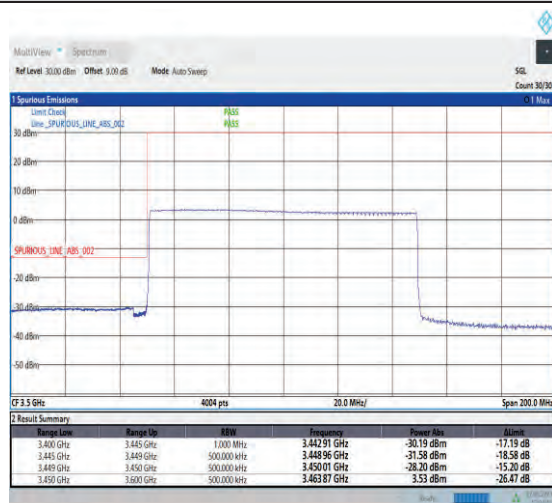
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13:18:38 22.05.2023

1-N78-3450-3550-PC1-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



13:20:12 22.05.2023

1-N78-3450-3550-PC1-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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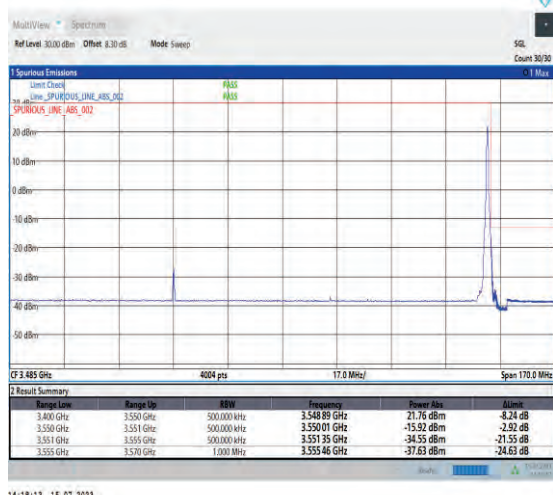
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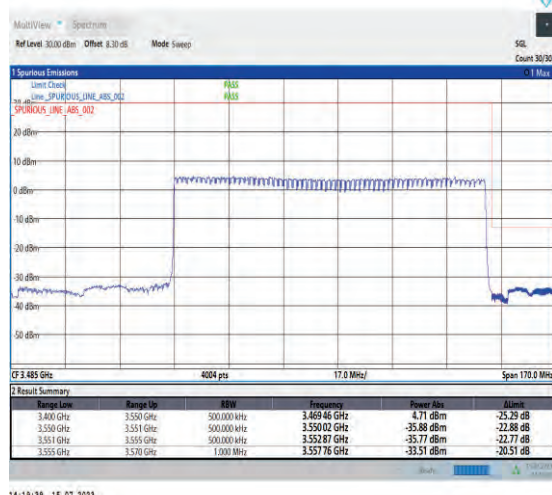
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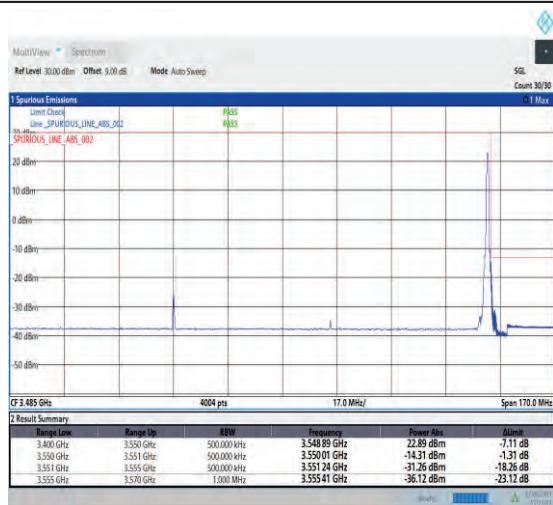
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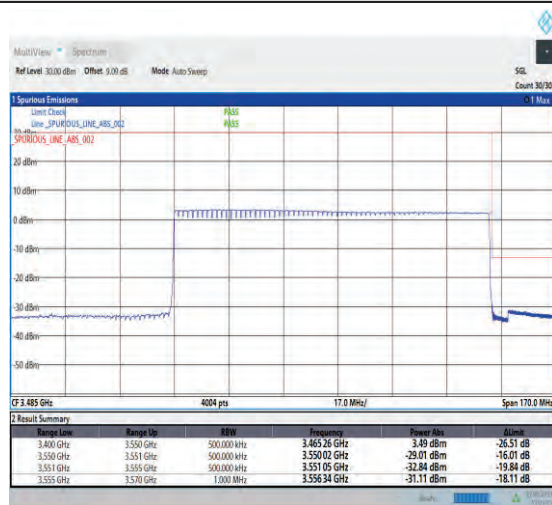
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13:23:43 22.05.2023

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13:23:12 22.05.2023

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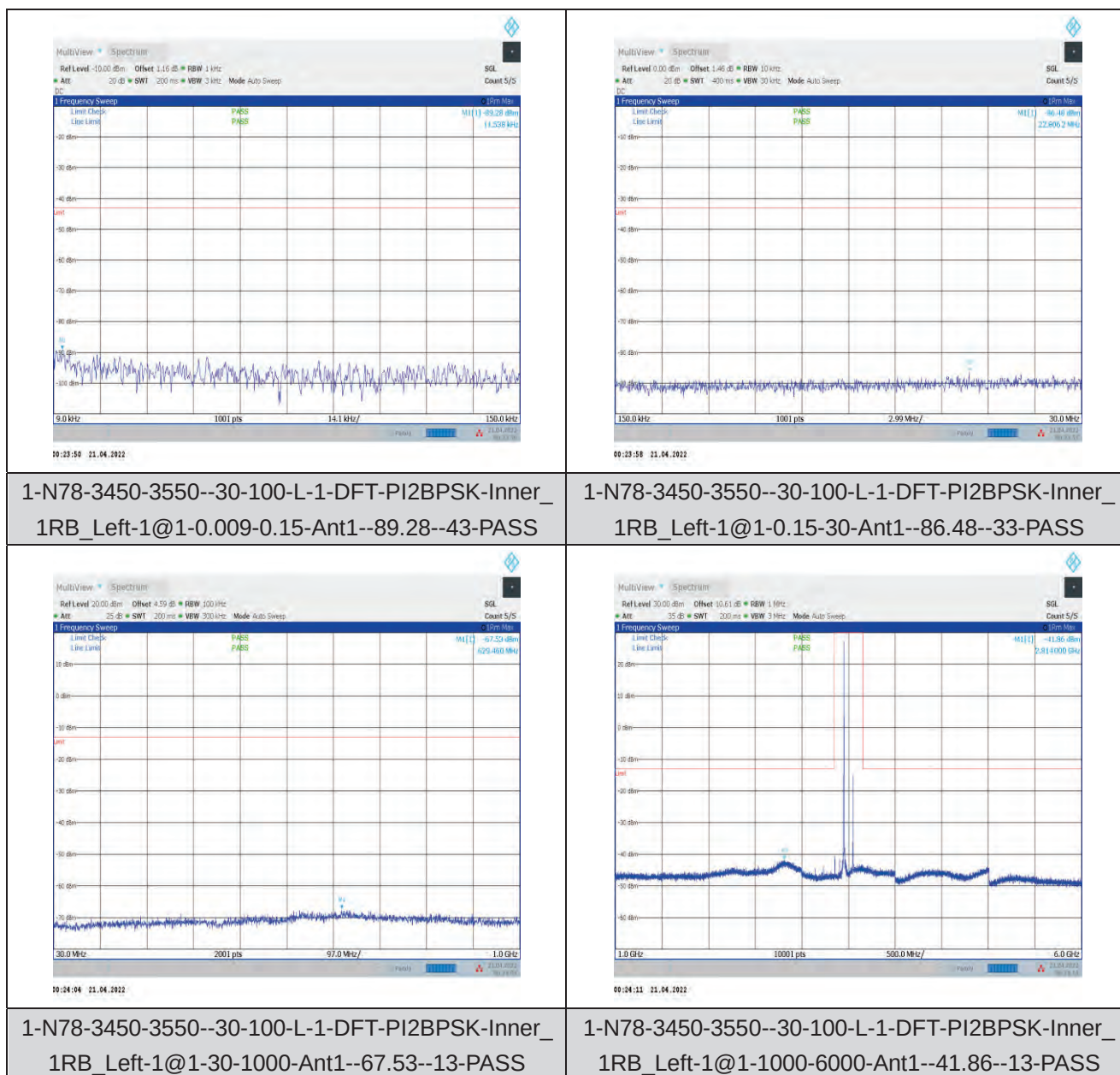
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Conducted Spurious Emission for SA

Test Graphs



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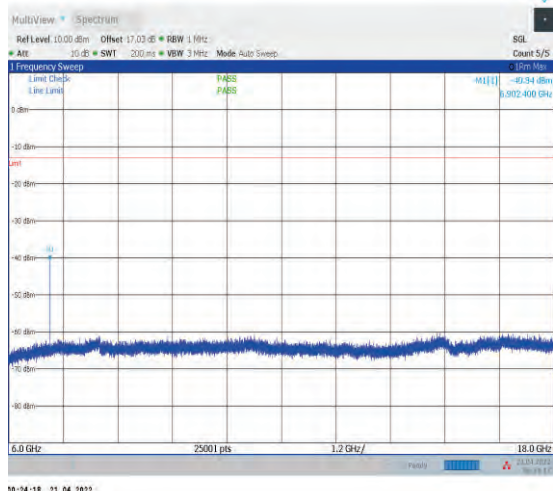
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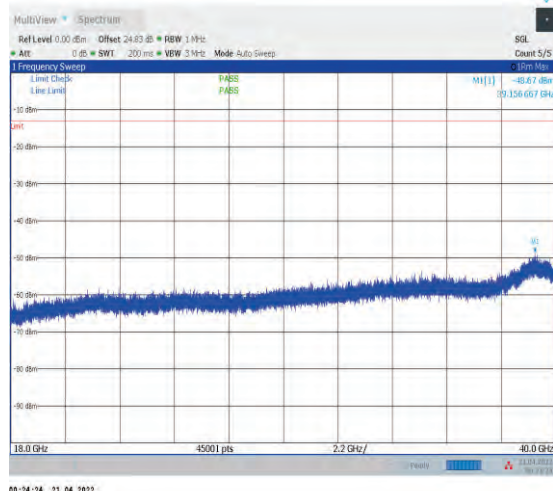
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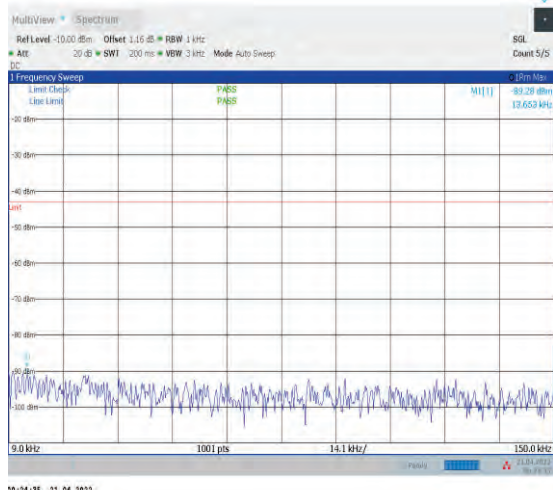
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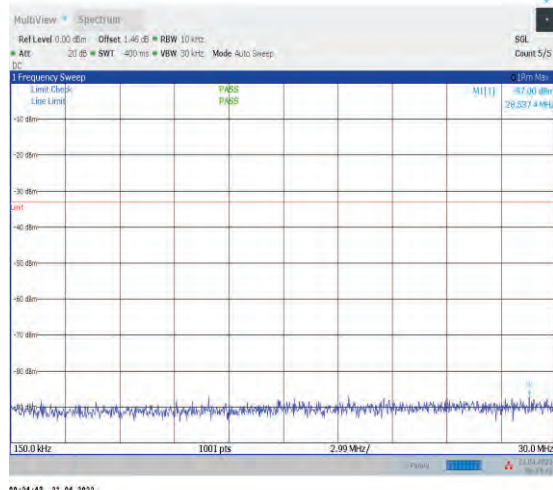
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1-N78-3450-3550--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--89.28--43-PASS



1-N78-3450-3550--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--87.00--33-PASS



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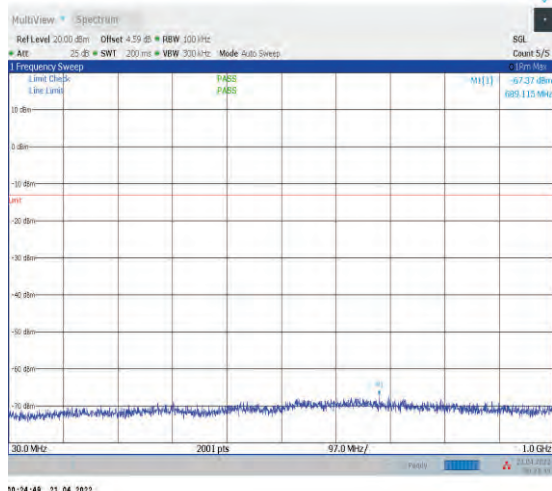
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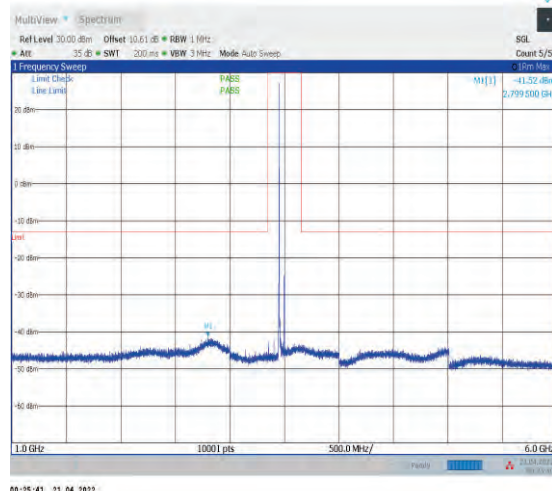
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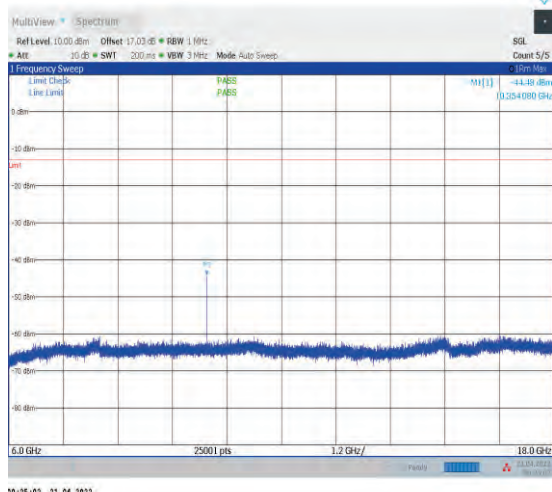
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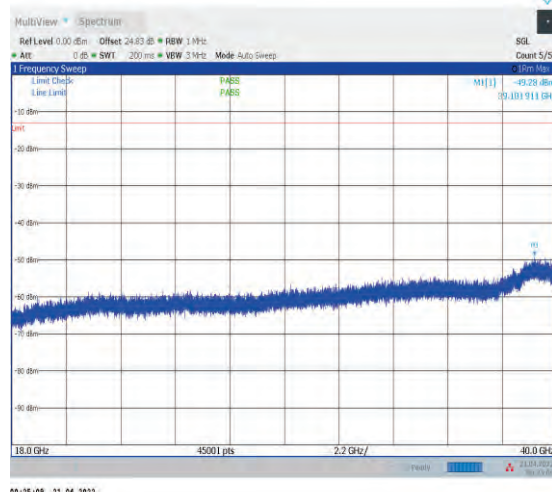
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1-N78-3450-3550--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1--44.48--13-PASS



1-N78-3450-3550--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1--49.28--13-PASS



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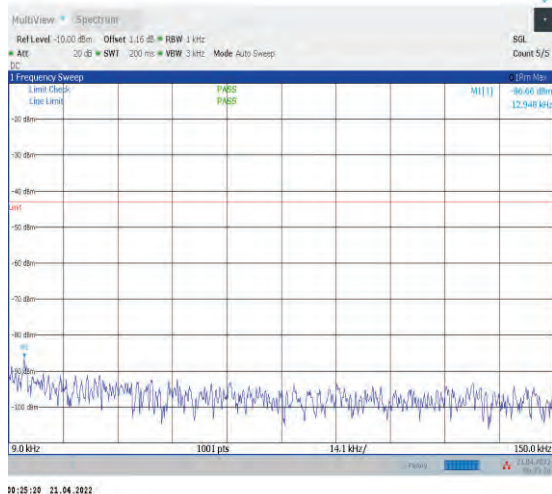
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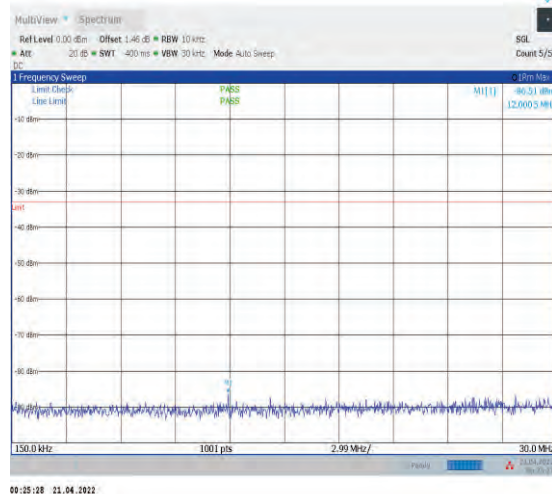
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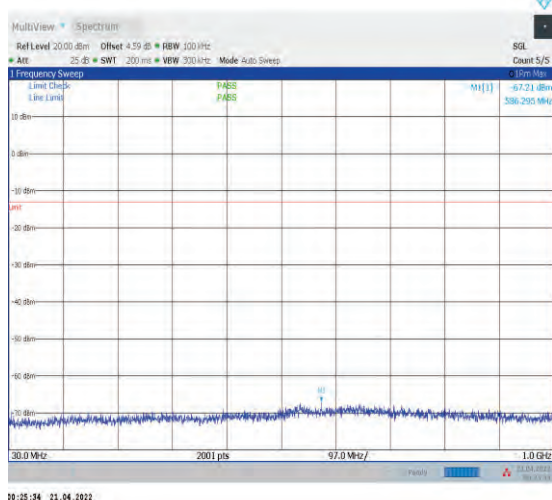
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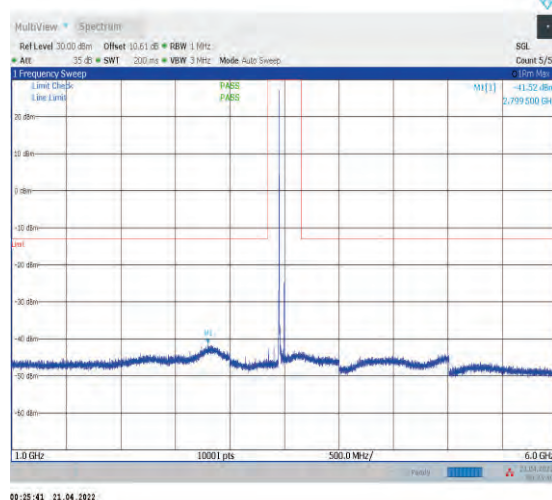
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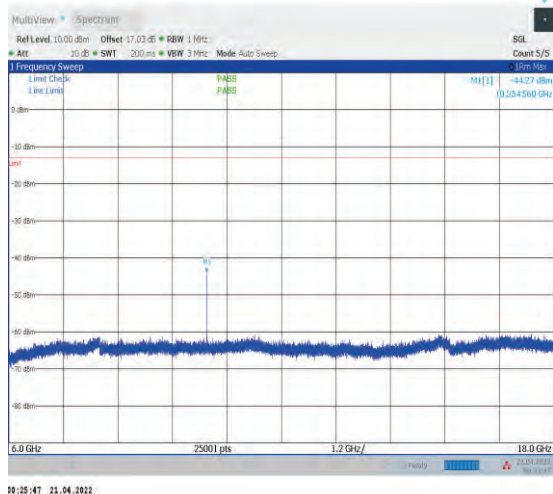
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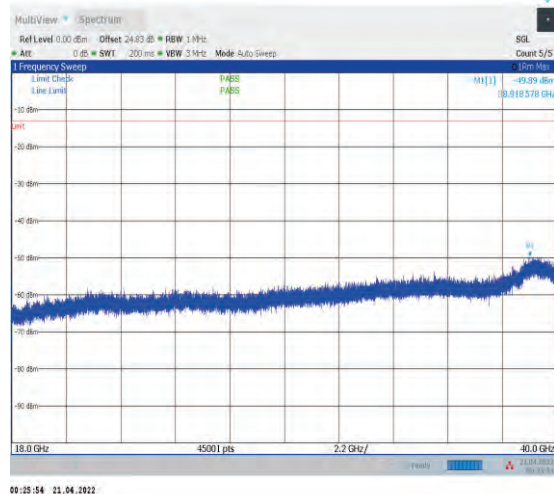
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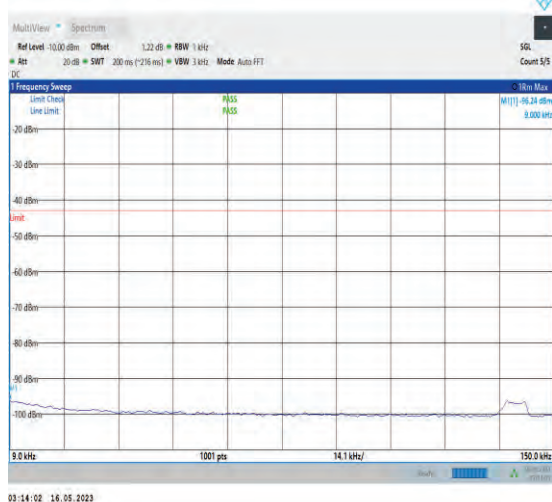
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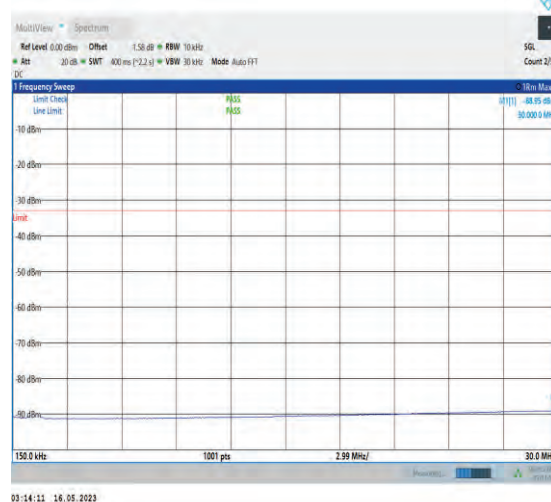
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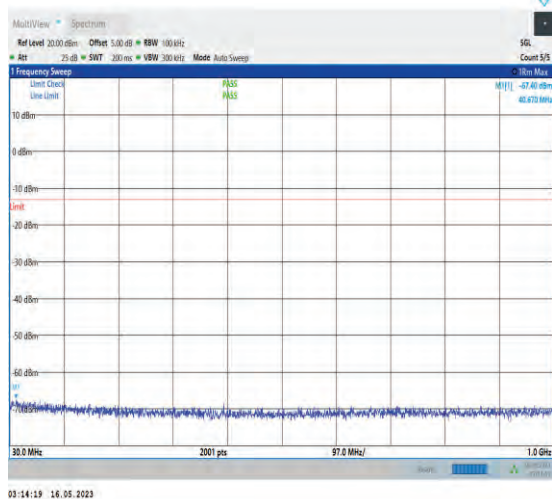
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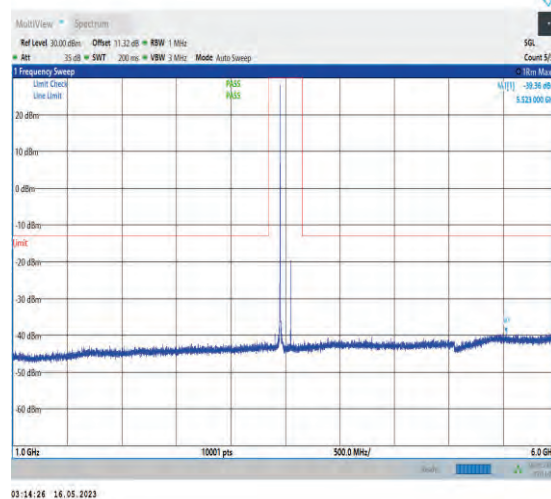
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PASS



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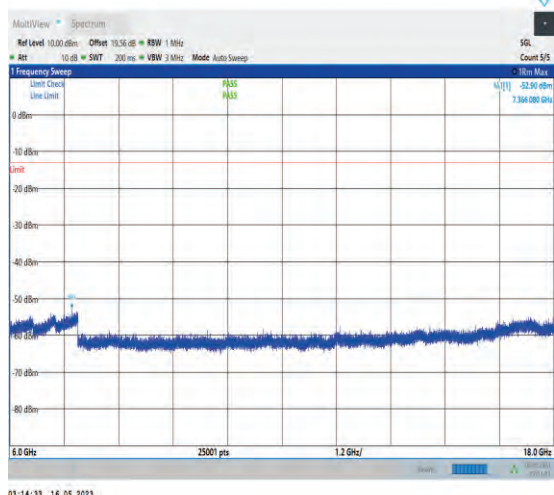
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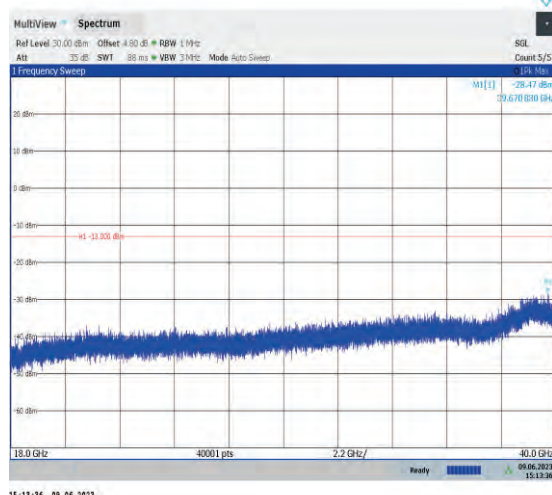
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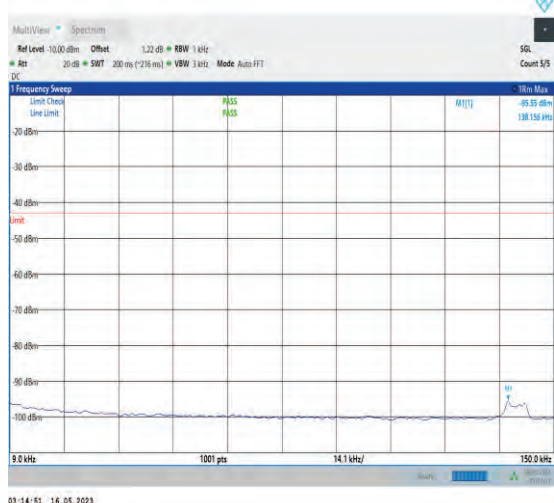
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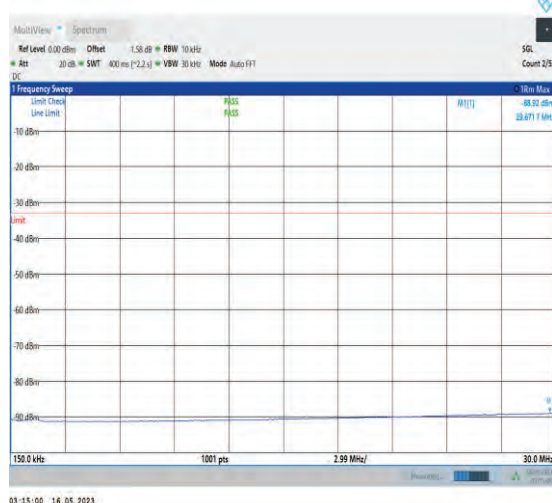
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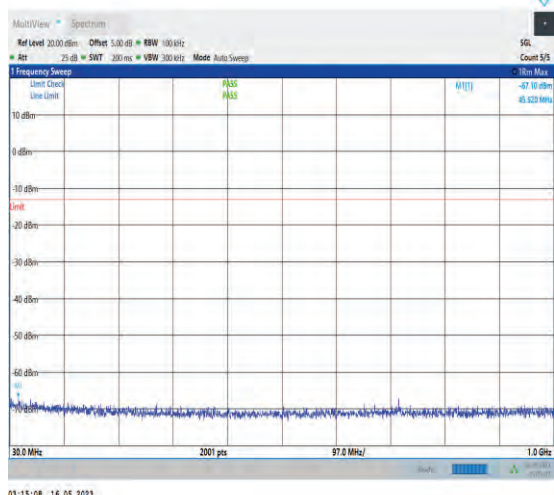
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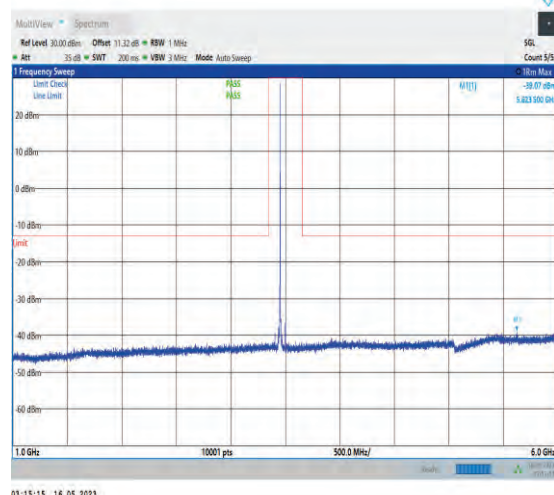
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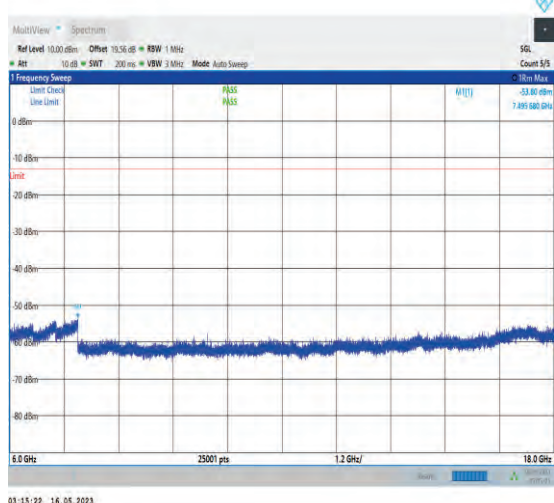
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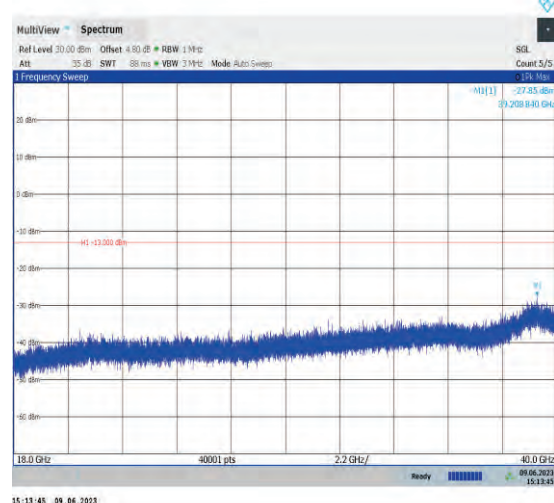
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1-N78-3450-3550-PC1-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5623.50--39.07--13-PASS



1-N78-3450-3550-PC1-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1-7495.68--53.80--13-PASS



1-N78-3450-3550-PC1-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--61.78--13-PASS



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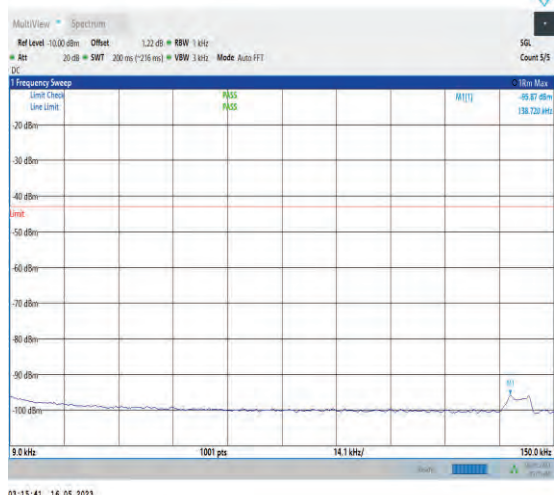
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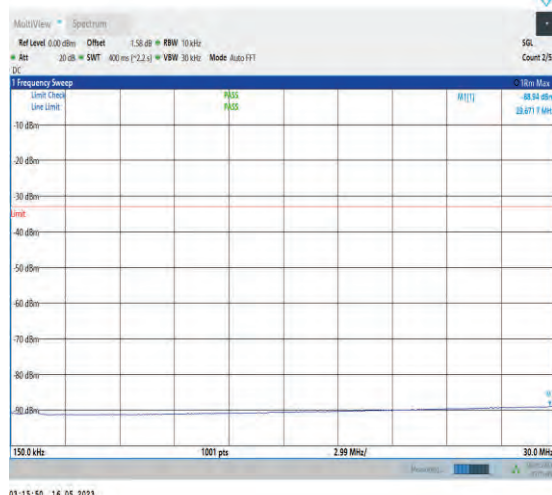
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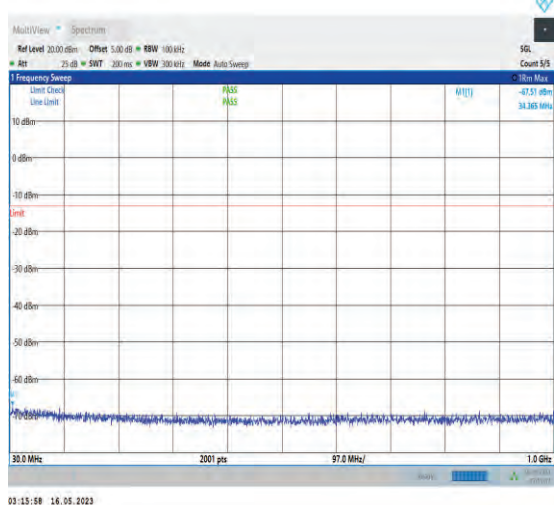
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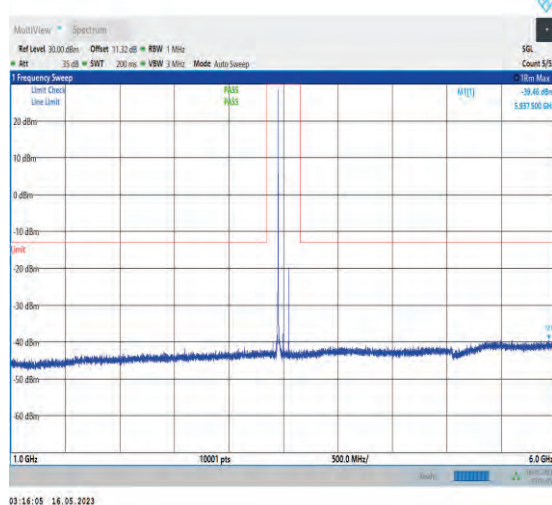
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43-PASS



1-N78-3450-3550-PC1-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-0.15-30-Ant1-29.67--88.94--33-P
ASS



1-N78-3450-3550-PC1-30-100-H-1-DFT-PI2BPSK-I
nner_1RB_Left-1@1-30-1000-Ant1-34.37--67.51--1
3-PASS



1-N78-3450-3550-PC1-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-1000-6000-Ant1-5937.50--39.46-
-13-PASS



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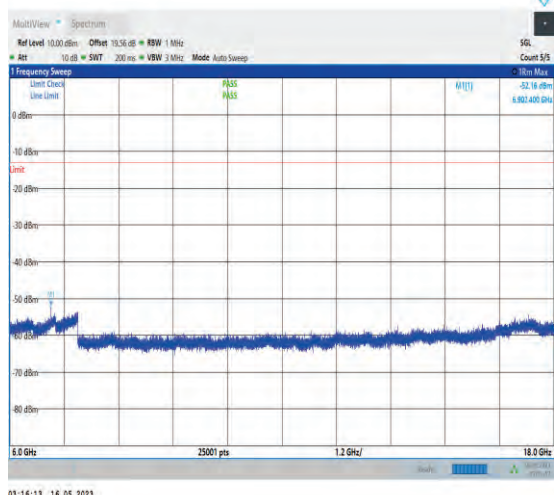
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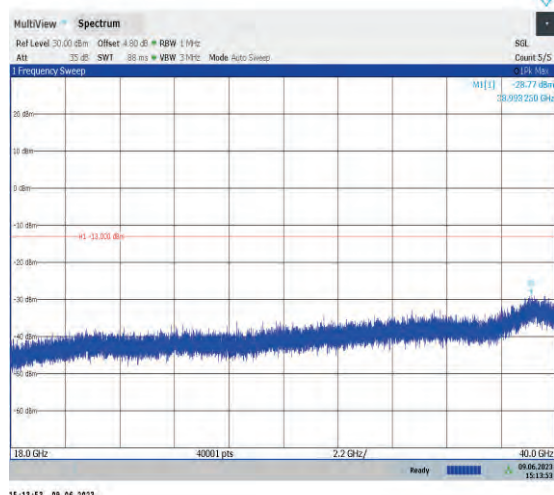
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09:16:13 16.05.2023

1-N78-3450-3550-PC1-30-100-H-1-DFT-PI2BPSK-I
nner_1RB_Left-1@1-6000-18000-Ant1-6902.40--52.
16--13-PASS



15:13:53 09.06.2023

1-N78-3450-3550-PC1-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-18000-40000-Ant1-18000.00--62
.11--13-PASS



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Report No.: SEWM2304000122RG02

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Field Strength of Spurious Radiation

Test Band = SA Band 78 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.53	-104.42	-45.89	-13.00	32.89	263	51	Horizontal
2	6810.18	51.27	-101.85	-50.58	-13.00	37.58	145	352	Horizontal
3	9829.8333	57.38	-93.81	-36.43	-13.00	23.43	263	357	Horizontal
4	13620.36	44.99	-89.80	-44.81	-13.00	31.81	241	41	Horizontal
5	17025.45	41.80	-88.48	-46.68	-13.00	33.68	178	133	Horizontal
6	17694.3333	47.88	-84.98	-37.10	-13.00	24.10	265	352	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.47	-104.42	-46.95	-13.00	33.95	263	132	Vertical
2	6810.18	49.24	-101.85	-52.61	-13.00	39.61	251	213	Vertical
3	9829.8333	59.51	-93.81	-34.30	-13.00	21.30	174	122	Vertical
4	13620.36	42.46	-89.80	-47.34	-13.00	34.34	400	336	Vertical
5	17025.45	41.84	-88.48	-46.64	-13.00	33.64	263	12	Vertical
6	17694.3333	44.22	-84.98	-40.76	-13.00	27.76	254	360	Vertical



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Test Band = SA Band 78 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.60	-101.41	-53.81	-13.00	40.81	251	152	Horizontal
2	9829.8333	55.30	-93.81	-38.51	-13.00	25.51	147	174	Horizontal
3	10365.27	42.81	-92.99	-50.18	-13.00	37.18	156	102	Horizontal
4	11796.8333	51.86	-91.87	-40.01	-13.00	27.01	352	32	Horizontal
5	13820.36	43.47	-90.30	-46.83	-13.00	33.83	241	3	Horizontal
6	17694.3333	49.35	-84.98	-35.63	-13.00	22.63	178	351	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.62	-101.41	-53.79	-13.00	40.79	263	360	Vertical
2	9829.8333	58.59	-93.81	-35.22	-13.00	22.22	251	329	Vertical
3	10365.27	42.27	-92.99	-50.72	-13.00	37.72	174	318	Vertical
4	11796.8333	55.16	-91.87	-36.71	-13.00	23.71	265	227	Vertical
5	13820.36	42.66	-90.30	-47.64	-13.00	34.64	241	135	Vertical
6	17275.45	39.18	-87.38	-48.20	-13.00	35.20	188	124	Vertical



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Test Band = SA Band 78 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.41	-101.46	-53.05	-13.00	40.05	263	245	Horizontal
2	9829.8333	57.74	-93.81	-36.07	-13.00	23.07	241	135	Horizontal
3	10515.27	43.30	-92.59	-49.29	-13.00	36.29	265	338	Horizontal
4	14020.36	41.48	-90.28	-48.80	-13.00	35.80	241	53	Horizontal
5	17525.45	39.15	-86.44	-47.29	-13.00	34.29	142	145	Horizontal
6	17694.3333	48.10	-84.98	-36.88	-13.00	23.88	260	353	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.02	-101.46	-53.44	-13.00	40.44	241	73	Vertical
2	9829.8333	58.28	-93.81	-35.53	-13.00	22.53	175	133	Vertical
3	10515.27	42.82	-92.59	-49.77	-13.00	36.77	268	335	Vertical
4	14020.36	42.70	-90.28	-47.58	-13.00	34.58	241	201	Vertical
5	17525.45	38.62	-86.44	-47.82	-13.00	34.82	185	192	Vertical
6	17694.3333	44.87	-84.98	-40.11	-13.00	27.11	255	360	Vertical



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Test Band = UL MIMO n78 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9035.2708	37.30	-38.67	38.60	-58.03	-13.00	45.03	285	221	Horizontal
2	12021.4375	33.62	-35.30	38.62	-58.32	-13.00	45.32	241	38	Horizontal
3	6982.18	40.08	-42.38	36.17	-61.39	-13.00	48.39	142	72	Horizontal
4	10473.27	33.08	-36.47	39.02	-59.63	-13.00	46.63	263	202	Horizontal
5	13964.36	33.05	-34.95	40.18	-56.98	-13.00	43.98	226	55	Horizontal
6	17455.45	31.13	-31.84	40.42	-55.54	-13.00	42.54	298	221	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8926.5	38.43	-38.87	38.52	-57.18	-13.00	44.18	162	349	Vertical
2	12092.8333	34.75	-35.11	38.69	-56.93	-13.00	43.93	254	187	Vertical
3	6982.18	39.44	-42.38	36.17	-62.03	-13.00	49.03	142	57	Vertical
4	10473.27	33.16	-36.47	39.02	-59.55	-13.00	46.55	263	76	Vertical
5	13964.36	32.63	-34.95	40.18	-57.40	-13.00	44.40	226	357	Vertical
6	17455.45	31.24	-31.84	40.42	-55.43	-13.00	42.43	287	359	Vertical



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Test Band = DC_5A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.18	49.37	-101.85	-52.48	-13.00	39.48	263	105	Horizontal
2	8191.8333	49.86	-97.74	-47.88	-13.00	34.88	241	177	Horizontal
3	10215.27	43.73	-93.16	-49.43	-13.00	36.43	175	166	Horizontal
4	11826	44.80	-91.78	-46.98	-13.00	33.98	263	157	Horizontal
5	13620.36	42.98	-89.80	-46.82	-13.00	33.82	284	25	Horizontal
6	17025.45	41.35	-88.48	-47.13	-13.00	34.13	177	287	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.45	-104.42	-46.97	-13.00	33.97	263	116	Vertical
2	6810.18	49.83	-101.85	-52.02	-13.00	39.02	241	238	Vertical
3	8813.6667	48.44	-95.81	-47.37	-13.00	34.37	175	36	Vertical
4	10215.27	43.86	-93.16	-49.30	-13.00	36.30	263	116	Vertical
5	13620.36	42.74	-89.80	-47.06	-13.00	34.06	255	0	Vertical
6	17025.45	41.61	-88.48	-46.87	-13.00	33.87	144	1	Vertical



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Report No.: SEWM2304000122RG02

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Test Band = DC_5A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	55.94	-104.42	-48.48	-13.00	35.48	263	116	Horizontal
2	6910.18	48.42	-101.41	-52.99	-13.00	39.99	241	85	Horizontal
3	8159.1667	49.81	-97.80	-47.99	-13.00	34.99	175	246	Horizontal
4	10365.27	43.05	-92.99	-49.94	-13.00	36.94	263	286	Horizontal
5	13820.36	42.83	-90.30	-47.47	-13.00	34.47	241	16	Horizontal
6	17275.45	39.84	-87.38	-47.54	-13.00	34.54	185	256	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.16	-101.41	-54.25	-13.00	41.25	263	259	Vertical
2	7621.3333	51.29	-99.77	-48.48	-13.00	35.48	284	36	Vertical
3	10365.27	43.56	-92.99	-49.43	-13.00	36.43	176	209	Vertical
4	13820.36	43.35	-90.30	-46.95	-13.00	33.95	296	299	Vertical
5	17275.45	38.70	-87.38	-48.68	-13.00	35.68	241	126	Vertical
6	17863.5	42.40	-84.28	-41.88	-13.00	28.88	188	4	Vertical



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Report No.: SEWM2304000122RG02
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Test Band = DC_5A-n78A 3450M-3550M_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	56.74	-104.42	-47.68	-13.00	34.68	163	127	Horizontal
2	7010.18	48.09	-101.46	-53.37	-13.00	40.37	263	178	Horizontal
3	8811.3333	48.68	-95.82	-47.14	-13.00	34.14	244	37	Horizontal
4	10515.27	43.30	-92.59	-49.29	-13.00	36.29	186	108	Horizontal
5	14020.36	41.93	-90.28	-48.35	-13.00	35.35	254	0	Horizontal
6	17525.45	39.52	-86.44	-46.92	-13.00	33.92	188	1	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.80	-101.46	-52.66	-13.00	39.66	263	95	Vertical
2	8250.1667	50.02	-97.75	-47.73	-13.00	34.73	251	165	Vertical
3	10515.27	42.90	-92.59	-49.69	-13.00	36.69	142	96	Vertical
4	12565.6667	45.43	-90.87	-45.44	-13.00	32.44	284	241	Vertical
5	14020.36	41.43	-90.28	-48.85	-13.00	35.85	162	307	Vertical
6	17525.45	39.00	-86.44	-47.44	-13.00	34.44	254	177	Vertical



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Report No.: SEWM2304000122RG02

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Test Band = DC_7A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.18	49.38	-101.85	-52.47	-13.00	39.47	163	1	Horizontal
2	8698.1667	49.23	-96.25	-47.02	-13.00	34.02	251	257	Horizontal
3	10215.27	43.96	-93.16	-49.20	-13.00	36.20	174	317	Horizontal
4	13620.36	43.82	-89.80	-45.98	-13.00	32.98	162	357	Horizontal
5	15067	44.65	-90.23	-45.58	-13.00	32.58	255	317	Horizontal
6	17025.45	42.13	-88.48	-46.35	-13.00	33.35	144	348	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.89	-104.42	-46.53	-13.00	33.53	163	107	Vertical
2	6810.18	48.50	-101.85	-53.35	-13.00	40.35	284	107	Vertical
3	8298	50.57	-97.77	-47.20	-13.00	34.20	176	157	Vertical
4	10215.27	44.76	-93.16	-48.40	-13.00	35.40	241	96	Vertical
5	13620.36	43.04	-89.80	-46.76	-13.00	33.76	144	269	Vertical
6	17025.45	43.14	-88.48	-45.34	-13.00	32.34	142	62	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = DC_7A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	55.66	-104.42	-48.76	-13.00	35.76	142	347	Horizontal
2	6901.5	51.95	-101.40	-49.45	-13.00	36.45	263	328	Horizontal
3	8510.3333	49.17	-96.87	-47.70	-13.00	34.70	251	4	Horizontal
4	10365.27	44.00	-92.99	-48.99	-13.00	35.99	144	116	Horizontal
5	13820.36	43.98	-90.30	-46.32	-13.00	33.32	142	287	Horizontal
6	17275.45	39.69	-87.38	-47.69	-13.00	34.69	266	207	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.53	-104.42	-45.89	-13.00	32.89	163	289	Vertical
2	6902.6667	55.12	-101.40	-46.28	-13.00	33.28	284	77	Vertical
3	8259.5	50.25	-97.75	-47.50	-13.00	34.50	176	177	Vertical
4	10365.27	42.79	-92.99	-50.20	-13.00	37.20	251	47	Vertical
5	13820.36	43.12	-90.30	-47.18	-13.00	34.18	144	207	Vertical
6	17275.45	39.45	-87.38	-47.93	-13.00	34.93	266	9	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = DC_7A-n78A 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	55.20	-104.42	-49.22	-13.00	36.22	163	219	Horizontal
2	7010.18	49.46	-101.46	-52.00	-13.00	39.00	251	249	Horizontal
3	10515.27	43.46	-92.59	-49.13	-13.00	36.13	174	258	Horizontal
4	14020.36	41.83	-90.28	-48.45	-13.00	35.45	263	10	Horizontal
5	17525.45	39.58	-86.44	-46.86	-13.00	33.86	284	339	Horizontal
6	17694.3333	46.53	-84.98	-38.45	-13.00	25.45	177	4	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.56	-104.42	-45.86	-13.00	32.86	163	298	Vertical
2	6902.6667	54.78	-101.40	-46.62	-13.00	33.62	251	247	Vertical
3	8707.5	49.93	-96.21	-46.28	-13.00	33.28	174	25	Vertical
4	10515.27	43.37	-92.59	-49.22	-13.00	36.22	186	0	Vertical
5	14020.36	42.19	-90.28	-48.09	-13.00	35.09	241	1	Vertical
6	17832	42.15	-84.31	-42.16	-13.00	29.16	188	87	Vertical



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Test Band = DC_38A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	56.54	-104.42	-47.88	-13.00	34.88	263	116	Horizontal
2	6810.18	49.64	-101.85	-52.21	-13.00	39.21	251	237	Horizontal
3	7824.3333	50.19	-98.95	-48.76	-13.00	35.76	142	216	Horizontal
4	10215.27	44.13	-93.16	-49.03	-13.00	36.03	284	0	Horizontal
5	13620.36	45.45	-89.80	-44.35	-13.00	31.35	254	86	Horizontal
6	17025.45	42.02	-88.48	-46.46	-13.00	33.46	188	226	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.99	-104.42	-45.43	-13.00	32.43	263	299	Vertical
2	6810.18	48.82	-101.85	-53.03	-13.00	40.03	284	87	Vertical
3	8344.6667	49.88	-97.43	-47.55	-13.00	34.55	175	258	Vertical
4	10215.27	44.61	-93.16	-48.55	-13.00	35.55	263	9	Vertical
5	13620.36	44.15	-89.80	-45.65	-13.00	32.65	255	17	Vertical
6	17025.45	42.35	-88.48	-46.13	-13.00	33.13	241	187	Vertical



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Test Band = DC_38A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6390.5	53.48	-102.58	-49.10	-13.00	36.10	263	186	Horizontal
2	7001.8333	56.48	-101.49	-45.01	-13.00	32.01	251	36	Horizontal
3	8263	50.93	-97.75	-46.82	-13.00	33.82	142	257	Horizontal
4	10365.27	42.88	-92.99	-50.11	-13.00	37.11	263	166	Horizontal
5	13820.36	42.99	-90.30	-47.31	-13.00	34.31	255	257	Horizontal
6	17275.45	39.29	-87.38	-48.09	-13.00	35.09	144	247	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.85	-104.42	-45.57	-13.00	32.57	142	298	Vertical
2	6910.18	49.47	-101.41	-51.94	-13.00	38.94	263	17	Vertical
3	8182.5	50.05	-97.75	-47.70	-13.00	34.70	285	96	Vertical
4	10365.27	43.89	-92.99	-49.10	-13.00	36.10	265	357	Vertical
5	13820.36	42.98	-90.30	-47.32	-13.00	34.32	241	147	Vertical
6	17275.45	39.32	-87.38	-48.06	-13.00	35.06	144	1	Vertical



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Test Band = DC_38A-n78A 3450M-3550M_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5829.3333	53.62	-104.59	-50.97	-13.00	37.97	263	229	Horizontal
2	7010.18	49.01	-101.46	-52.45	-13.00	39.45	251	1	Horizontal
3	8690	49.41	-96.29	-46.88	-13.00	33.88	142	327	Horizontal
4	10515.27	43.37	-92.59	-49.22	-13.00	36.22	251	127	Horizontal
5	14020.36	41.56	-90.28	-48.72	-13.00	35.72	184	57	Horizontal
6	17525.45	40.22	-86.44	-46.22	-13.00	33.22	177	106	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	59.12	-104.42	-45.30	-13.00	32.30	263	116	Vertical
2	7010.18	48.82	-101.46	-52.64	-13.00	39.64	251	307	Vertical
3	7774.1667	51.43	-99.19	-47.76	-13.00	34.76	263	278	Vertical
4	10515.27	43.03	-92.59	-49.56	-13.00	36.56	221	258	Vertical
5	14020.36	41.77	-90.28	-48.51	-13.00	35.51	112	85	Vertical
6	17525.45	39.23	-86.44	-47.21	-13.00	34.21	265	0	Vertical



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Report No.: SEWM2304000122RG02

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Test Band = NR UL CA n5A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	39.10	-94.97	-55.87	-13.00	42.87	163	314	Horizontal
2	2475.27	38.52	-91.41	-52.89	-13.00	39.89	251	87	Horizontal
3	3300.36	36.54	-88.37	-51.83	-13.00	38.83	144	360	Horizontal
4	6810.18	50.62	-101.85	-51.23	-13.00	38.23	142	307	Horizontal
5	10215.27	43.52	-93.16	-49.64	-13.00	36.64	251	0	Horizontal
6	13620.36	44.55	-89.80	-45.25	-13.00	32.25	141	327	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	39.13	-94.97	-55.84	-13.00	42.84	216	53	Vertical
2	2475.27	38.70	-91.41	-52.71	-13.00	39.71	263	69	Vertical
3	3300.36	36.66	-88.37	-51.71	-13.00	38.71	251	220	Vertical
4	6810.18	49.55	-101.85	-52.30	-13.00	39.30	174	0	Vertical
5	10215.27	43.61	-93.16	-49.55	-13.00	36.55	186	204	Vertical
6	13620.36	43.73	-89.80	-46.07	-13.00	33.07	244	357	Vertical



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Test Band = NR UL CA n5A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	51.67	-94.96	-43.29	-13.00	30.29	142	104	Horizontal
2	2481	68.21	-91.37	-23.16	-13.00	10.16	263	87	Horizontal
3	3310.36	37.01	-88.37	-51.36	-13.00	38.36	251	333	Horizontal
4	6910.18	48.18	-101.41	-53.23	-13.00	40.23	142	1	Horizontal
5	10365.27	44.31	-92.99	-48.68	-13.00	35.68	276	277	Horizontal
6	13820.36	42.68	-90.30	-47.62	-13.00	34.62	263	22	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.19	-94.96	-55.77	-13.00	42.77	263	288	Vertical
2	2482.77	39.42	-91.35	-51.93	-13.00	38.93	251	102	Vertical
3	3310.36	37.61	-88.37	-50.76	-13.00	37.76	140	352	Vertical
4	6910.18	48.75	-101.41	-52.66	-13.00	39.66	120	0	Vertical
5	10365.27	42.78	-92.99	-50.21	-13.00	37.21	232	86	Vertical
6	13820.36	42.74	-90.30	-47.56	-13.00	34.56	143	207	Vertical



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Report No.: SEWM2304000122RG02

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Test Band = NR UL CA n5A-n78A 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	38.72	-94.94	-56.22	-13.00	43.22	263	333	Horizontal
2	2490.27	39.33	-91.30	-51.97	-13.00	38.97	241	224	Horizontal
3	3320.36	36.39	-88.37	-51.98	-13.00	38.98	145	162	Horizontal
4	7010.18	48.69	-101.46	-52.77	-13.00	39.77	263	357	Horizontal
5	10515.27	43.17	-92.59	-49.42	-13.00	36.42	251	237	Horizontal
6	14020.36	42.49	-90.28	-47.79	-13.00	34.79	144	338	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	39.83	-94.94	-55.11	-13.00	42.11	263	282	Vertical
2	2490.27	38.84	-91.30	-52.46	-13.00	39.46	241	360	Vertical
3	3320.36	36.62	-88.37	-51.75	-13.00	38.75	117	78	Vertical
4	7010.18	48.52	-101.46	-52.94	-13.00	39.94	163	45	Vertical
5	10515.27	43.80	-92.59	-48.79	-13.00	35.79	251	319	Vertical
6	14020.36	43.48	-90.28	-46.80	-13.00	33.80	175	118	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = NR UL CA n7A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.18	49.84	-105.84	-56.00	-13.00	43.00	175	12	Horizontal
2	6810.18	48.96	-101.85	-52.89	-13.00	39.89	152	63	Horizontal
3	7503.27	48.67	-100.33	-51.66	-13.00	38.66	265	167	Horizontal
4	10004.36	45.27	-93.80	-48.53	-13.00	35.53	241	255	Horizontal
5	10215.27	44.30	-93.16	-48.86	-13.00	35.86	263	226	Horizontal
6	13620.36	45.85	-89.80	-43.95	-13.00	30.95	241	21	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.18	50.76	-105.84	-55.08	-13.00	42.08	241	357	Vertical
2	6810.18	49.48	-101.85	-52.37	-13.00	39.37	175	46	Vertical
3	7503.27	48.98	-100.33	-51.35	-13.00	38.35	263	77	Vertical
4	10004.36	45.15	-93.80	-48.65	-13.00	35.65	284	118	Vertical
5	10215.27	43.85	-93.16	-49.31	-13.00	36.31	265	4	Vertical
6	13620.36	45.18	-89.80	-44.62	-13.00	31.62	241	0	Vertical



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Test Band = NR UL CA n7A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5052.18	50.97	-105.71	-54.74	-13.00	41.74	251	64	Horizontal
2	6910.18	48.20	-101.41	-53.21	-13.00	40.21	284	328	Horizontal
3	7578.27	49.60	-99.91	-50.31	-13.00	37.31	142	328	Horizontal
4	10104.36	45.11	-93.50	-48.39	-13.00	35.39	263	328	Horizontal
5	10365.27	43.21	-92.99	-49.78	-13.00	36.78	162	155	Horizontal
6	13820.36	42.99	-90.30	-47.31	-13.00	34.31	241	236	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5052.18	50.53	-105.71	-55.18	-13.00	42.18	263	134	Vertical
2	6910.18	49.55	-101.41	-51.86	-13.00	38.86	251	185	Vertical
3	7578.27	48.31	-99.91	-51.60	-13.00	38.60	142	1	Vertical
4	10104.36	45.35	-93.50	-48.15	-13.00	35.15	284	298	Vertical
5	10365.27	42.82	-92.99	-50.17	-13.00	37.17	262	275	Vertical
6	13820.36	43.14	-90.30	-47.16	-13.00	34.16	241	0	Vertical



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Test Band = NR UL CA n7A-n78A 3450M-3550M_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5102.18	48.82	-105.59	-56.77	-13.00	43.77	263	94	Horizontal
2	7010.18	48.57	-101.46	-52.89	-13.00	39.89	251	6	Horizontal
3	7653.27	49.45	-99.71	-50.26	-13.00	37.26	142	62	Horizontal
4	10204.36	44.58	-93.15	-48.57	-13.00	35.57	263	0	Horizontal
5	10515.27	43.44	-92.59	-49.15	-13.00	36.15	254	276	Horizontal
6	14020.36	41.66	-90.28	-48.62	-13.00	35.62	185	62	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5102.18	49.09	-105.59	-56.50	-13.00	43.50	142	94	Vertical
2	7010.18	49.60	-101.46	-51.86	-13.00	38.86	263	276	Vertical
3	7653.27	49.16	-99.71	-50.55	-13.00	37.55	251	0	Vertical
4	10204.36	44.08	-93.15	-49.07	-13.00	36.07	174	125	Vertical
5	10515.27	43.55	-92.59	-49.04	-13.00	36.04	263	94	Vertical
6	14020.36	42.42	-90.28	-47.86	-13.00	34.86	254	135	Vertical



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Test Band = NR UL CA n66A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	35.75	-88.36	-52.61	-13.00	39.61	263	54	Horizontal
2	5106.27	49.30	-105.60	-56.30	-13.00	43.30	214	317	Horizontal
3	6808.36	49.25	-101.85	-52.60	-13.00	39.60	153	136	Horizontal
4	6810.18	49.69	-101.85	-52.16	-13.00	39.16	263	55	Horizontal
5	10215.27	43.61	-93.16	-49.55	-13.00	36.55	241	306	Horizontal
6	13620.36	44.13	-89.80	-45.67	-13.00	32.67	175	205	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	36.17	-88.36	-52.19	-13.00	39.19	142	148	Vertical
2	5106.27	49.52	-105.60	-56.08	-13.00	43.08	263	0	Vertical
3	6808.36	50.73	-101.85	-51.12	-13.00	38.12	241	185	Vertical
4	6810.18	49.23	-101.85	-52.62	-13.00	39.62	142	288	Vertical
5	10215.27	44.07	-93.16	-49.09	-13.00	36.09	263	206	Vertical
6	13620.36	43.09	-89.80	-46.71	-13.00	33.71	251	357	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = NR UL CA n66A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	48.88	-88.16	-39.28	-13.00	26.28	263	210	Horizontal
2	5181.27	50.91	-105.75	-54.84	-13.00	41.84	251	206	Horizontal
3	6908.36	48.60	-101.41	-52.81	-13.00	39.81	175	1	Horizontal
4	6910.18	48.59	-101.41	-52.82	-13.00	39.82	263	116	Horizontal
5	10365.27	42.98	-92.99	-50.01	-13.00	37.01	254	17	Horizontal
6	13820.36	42.83	-90.30	-47.47	-13.00	34.47	114	349	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	46.57	-88.16	-41.59	-13.00	28.59	142	353	Vertical
2	5181.27	50.90	-105.75	-54.85	-13.00	41.85	263	108	Vertical
3	6908.36	48.21	-101.41	-53.20	-13.00	40.20	251	1	Vertical
4	6910.18	47.92	-101.41	-53.49	-13.00	40.49	142	168	Vertical
5	10365.27	43.28	-92.99	-49.71	-13.00	36.71	263	1	Vertical
6	13820.36	42.81	-90.30	-47.49	-13.00	34.49	241	0	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = NR UL CA n66A-n78A 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	46.74	-87.95	-41.21	-13.00	28.21	284	206	Horizontal
2	5256.27	51.06	-105.74	-54.68	-13.00	41.68	263	165	Horizontal
3	7008.36	48.53	-101.47	-52.94	-13.00	39.94	251	357	Horizontal
4	7010.18	48.59	-101.46	-52.87	-13.00	39.87	263	15	Horizontal
5	10515.27	41.95	-92.59	-50.64	-13.00	37.64	251	264	Horizontal
6	14020.36	42.09	-90.28	-48.19	-13.00	35.19	142	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	45.28	-87.95	-42.67	-13.00	29.67	112	353	Vertical
2	5256.27	51.96	-105.74	-53.78	-13.00	40.78	263	330	Vertical
3	7008.36	48.58	-101.47	-52.89	-13.00	39.89	251	117	Vertical
4	7010.18	48.88	-101.46	-52.58	-13.00	39.58	144	357	Vertical
5	10515.27	43.00	-92.59	-49.59	-13.00	36.59	155	280	Vertical
6	14020.36	42.49	-90.28	-47.79	-13.00	34.79	268	189	Vertical



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Report No.: SEWM2304000122RG02

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Test Band = NR UL CA 71A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	40.86	-95.91	-55.05	-13.00	42.05	186	11	Horizontal
2	1992.27	39.11	-93.45	-54.34	-13.00	41.34	265	360	Horizontal
3	2656.36	38.82	-90.77	-51.95	-13.00	38.95	241	145	Horizontal
4	6810.18	49.36	-101.85	-52.49	-13.00	39.49	163	23	Horizontal
5	10215.27	44.90	-93.16	-48.26	-13.00	35.26	254	23	Horizontal
6	13620.36	43.97	-89.80	-45.83	-13.00	32.83	174	277	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	39.82	-95.91	-56.09	-13.00	43.09	142	177	Vertical
2	1992.27	39.88	-93.45	-53.57	-13.00	40.57	263	332	Vertical
3	2656.36	38.17	-90.77	-52.60	-13.00	39.60	251	346	Vertical
4	6810.18	49.29	-101.85	-52.56	-13.00	39.56	175	154	Vertical
5	10215.27	45.44	-93.16	-47.72	-13.00	34.72	263	204	Vertical
6	13620.36	43.80	-89.80	-46.00	-13.00	33.00	254	318	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = NR UL CA 71A-n78A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	39.34	-95.86	-56.52	-13.00	43.52	163	160	Horizontal
2	2014.77	38.15	-93.34	-55.19	-13.00	42.19	254	240	Horizontal
3	2686.36	38.66	-90.61	-51.95	-13.00	38.95	174	130	Horizontal
4	6910.18	48.83	-101.41	-52.58	-13.00	39.58	145	170	Horizontal
5	10365.27	42.52	-92.99	-50.47	-13.00	37.47	321	50	Horizontal
6	13820.36	43.57	-90.30	-46.73	-13.00	33.73	142	180	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	40.72	-95.86	-55.14	-13.00	42.14	142	120	Vertical
2	2014.77	38.56	-93.34	-54.78	-13.00	41.78	263	180	Vertical
3	2686.36	37.57	-90.61	-53.04	-13.00	40.04	251	170	Vertical
4	6910.18	47.46	-101.41	-53.95	-13.00	40.95	185	320	Vertical
5	10365.27	44.01	-92.99	-48.98	-13.00	35.98	263	250	Vertical
6	13820.36	42.53	-90.30	-47.77	-13.00	34.77	241	10	Vertical



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Report No.: SEWM2304000122RG02

Rev.: 01

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Test Band = NR UL CA 71A-n78A 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	41.03	-95.81	-54.78	-13.00	41.78	176	204	Horizontal
2	2037.27	38.99	-93.27	-54.28	-13.00	41.28	254	262	Horizontal
3	2716.36	38.51	-90.45	-51.94	-13.00	38.94	118	9	Horizontal
4	7010.18	49.42	-101.46	-52.04	-13.00	39.04	142	327	Horizontal
5	10515.27	43.81	-92.59	-48.78	-13.00	35.78	263	31	Horizontal
6	14020.36	41.52	-90.28	-48.76	-13.00	35.76	284	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	40.64	-95.81	-55.17	-13.00	42.17	146	324	Vertical
2	2037.27	39.76	-93.27	-53.51	-13.00	40.51	284	19	Vertical
3	2716.36	37.87	-90.45	-52.58	-13.00	39.58	175	360	Vertical
4	7010.18	49.44	-101.46	-52.02	-13.00	39.02	265	0	Vertical
5	10515.27	43.49	-92.59	-49.10	-13.00	36.10	142	22	Vertical
6	14020.36	42.05	-90.28	-48.23	-13.00	35.23	268	287	Vertical



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Report No.: SEWM2304000122RG02

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Test Band = NR UL CA n25A-n78A 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.18	34.36	-87.25	-52.89	-13.00	39.89	186	274	Horizontal
2	5556.27	50.09	-105.32	-55.23	-13.00	42.23	265	0	Horizontal
3	6810.18	49.41	-101.85	-52.44	-13.00	39.44	163	64	Horizontal
4	7408.36	47.78	-100.77	-52.99	-13.00	39.99	241	247	Horizontal
5	10215.27	44.03	-93.16	-49.13	-13.00	36.13	251	1	Horizontal
6	13620.36	46.04	-89.80	-43.76	-13.00	30.76	174	149	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.18	33.58	-87.25	-53.67	-13.00	40.67	142	22	Vertical
2	5556.27	50.75	-105.32	-54.57	-13.00	41.57	263	166	Vertical
3	6810.18	49.05	-101.85	-52.80	-13.00	39.80	284	338	Vertical
4	7408.36	47.63	-100.77	-53.14	-13.00	40.14	175	247	Vertical
5	10215.27	44.22	-93.16	-48.94	-13.00	35.94	263	44	Vertical
6	13620.36	44.40	-89.80	-45.40	-13.00	32.40	254	357	Vertical



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Test Band = NR UL CA n25A-n78A 3450M-3550M_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.18	34.35	-87.02	-52.67	-13.00	39.67	163	129	Horizontal
2	5593.77	50.39	-105.40	-55.01	-13.00	42.01	251	226	Horizontal
3	6910.18	47.93	-101.41	-53.48	-13.00	40.48	186	146	Horizontal
4	7458.36	49.44	-100.54	-51.10	-13.00	38.10	174	236	Horizontal
5	10365.27	43.82	-92.99	-49.17	-13.00	36.17	254	206	Horizontal
6	13820.36	43.57	-90.30	-46.73	-13.00	33.73	188	318	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.18	33.99	-87.02	-53.03	-13.00	40.03	142	51	Vertical
2	5593.77	50.96	-105.40	-54.44	-13.00	41.44	263	1	Vertical
3	6910.18	48.11	-101.41	-53.30	-13.00	40.30	284	35	Vertical
4	7458.36	47.38	-100.54	-53.16	-13.00	40.16	176	136	Vertical
5	10365.27	43.56	-92.99	-49.43	-13.00	36.43	254	197	Vertical
6	13820.36	43.22	-90.30	-47.08	-13.00	34.08	144	35	Vertical



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Test Band = NR UL CA n25A-n78A 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.18	33.86	-86.80	-52.94	-13.00	39.94	241	3	Horizontal
2	5631.27	49.82	-105.28	-55.46	-13.00	42.46	175	338	Horizontal
3	7010.18	48.68	-101.46	-52.78	-13.00	39.78	142	187	Horizontal
4	7508.36	48.03	-100.30	-52.27	-13.00	39.27	263	134	Horizontal
5	10515.27	42.77	-92.59	-49.82	-13.00	36.82	263	308	Horizontal
6	14020.36	41.51	-90.28	-48.77	-13.00	35.77	285	207	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.18	33.34	-86.80	-53.46	-13.00	40.46	142	70	Vertical
2	5631.27	49.96	-105.28	-55.32	-13.00	42.32	263	126	Vertical
3	7010.18	48.63	-101.46	-52.83	-13.00	39.83	251	205	Vertical
4	7508.36	48.52	-100.30	-51.78	-13.00	38.78	174	17	Vertical
5	10515.27	44.98	-92.59	-47.61	-13.00	34.61	186	277	Vertical
6	14020.36	42.06	-90.28	-48.22	-13.00	35.22	254	35	Vertical



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Test on the worst case:

Test Band = NR UL CA n5A-n78A 3450M-3550M_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9155.0625	35.84	-38.44	38.58	-59.27	-13.00	46.27	296	331	Horizontal
2	12459.875	33.77	-35.28	39.06	-57.71	-13.00	44.71	265	221	Horizontal
3	6982.18	39.52	-42.38	36.17	-61.95	-13.00	48.95	284	202	Horizontal
4	10473.27	33.44	-36.47	39.02	-59.27	-13.00	46.27	142	360	Horizontal
5	13964.36	32.44	-34.95	40.18	-57.59	-13.00	44.59	263	57	Horizontal
6	17455.45	30.93	-31.84	40.42	-55.74	-13.00	42.74	228	295	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8965.3125	37.77	-38.75	38.56	-57.68	-13.00	44.68	150	315	Vertical
2	12102.4167	34.66	-35.09	38.70	-56.99	-13.00	43.99	150	360	Vertical
3	6982.18	39.57	-42.38	36.17	-61.90	-13.00	48.90	150	360	Vertical
4	10473.27	33.17	-36.47	39.02	-59.54	-13.00	46.54	150	360	Vertical
5	13964.36	32.09	-34.95	40.18	-57.94	-13.00	44.94	150	3	Vertical
6	17455.45	30.41	-31.84	40.42	-56.26	-13.00	43.26	150	260	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



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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
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	9.700000	0.002771	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	8.700000	0.002486	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	8.100000	0.002314	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	17.000000	0.004857	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	10.500000	0.003000	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	9.800000	0.002800	PASS



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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	8.600000	0.002457	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	10.900000	0.003114	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	6.400000	0.001829	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	7.600000	0.002171	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	4.300000	0.001229	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	13.500000	0.003857	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	12.800000	0.003657	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	3.400000	0.000971	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	9.100000	0.002600	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	7.400000	0.002114	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	4.100000	0.001171	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	7.300000	0.002086	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	2.200000	0.000629	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	8.300000	0.002371	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	4.700000	0.001343	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	3.400000	0.000971	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	6.500000	0.001857	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	6.700000	0.001914	PASS



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Test Result for MIMO
Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.200000	-0.000343	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	2.800000	0.000800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	1.600000	0.000457	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	6.500000	0.001857	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	3.300000	0.000943	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	4.600000	0.001314	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.000000	-0.000857	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.100000	-0.001743	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.900000	0.001686	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	6.700000	0.001914	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-1.600000	-0.000457	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	0.600000	0.000171	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	10.000000	0.002857	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	2.800000	0.000800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.900000	-0.000543	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	2.500000	0.000714	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	1.300000	0.000371	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-6.200000	-0.001771	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	2.100000	0.000600	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	5.500000	0.001571	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	-1.100000	-0.000314	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-4.300000	-0.001229	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	3.600000	0.001029	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	3.000000	0.000857	PASS

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