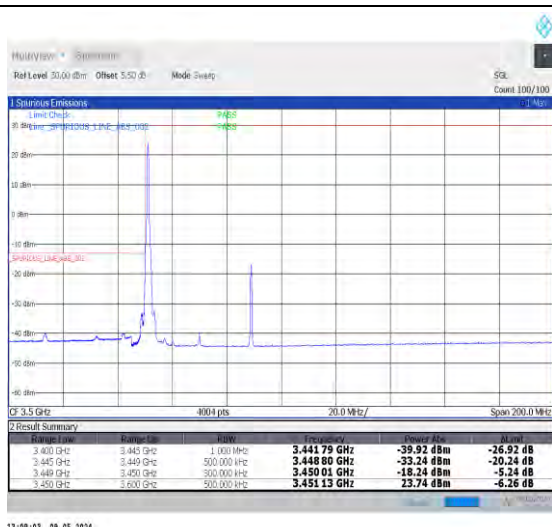


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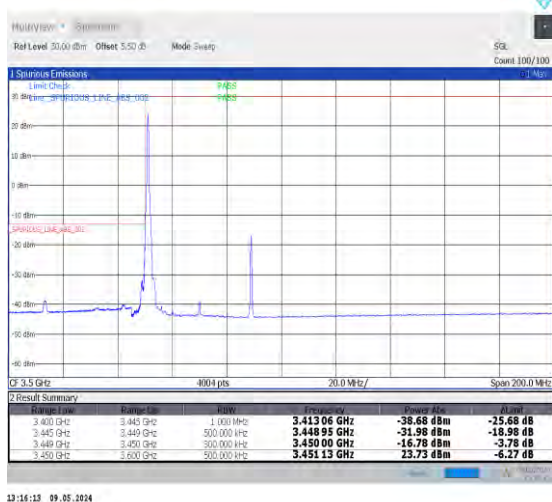
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1-N78-3450-3550-PC2-30-40-L-1-DFT-PI2BPSK-Edge
_1RB_Left-1@0-Ant0-1--PASS-see graph



13:12:37 09.05.2024

1-N78-3450-3550-PC2-30-40-L-3-DFT-PI2BPSK-O
uter_Full-100@0-Ant0-1--PASS-see graph



13:16:13 09.05.2024

1-N78-3450-3550-PC2-30-40-L-4-CP-QPSK-Edge_1R
B_Left-1@0-Ant0-1--PASS-see graph



13:19:47 09.05.2024

1-N78-3450-3550-PC2-30-40-L-6-CP-QPSK-Outer
_Full-106@0-Ant0-1--PASS-see graph



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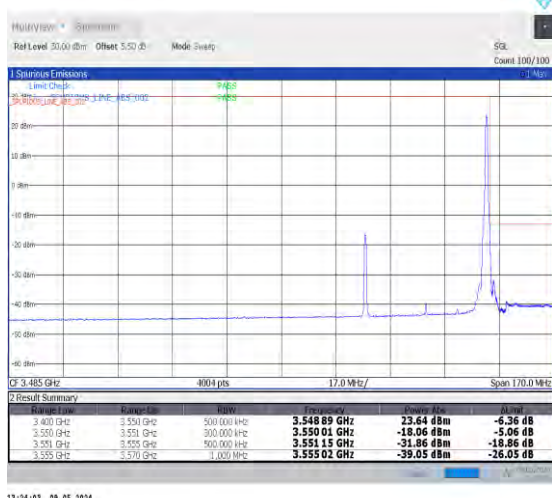
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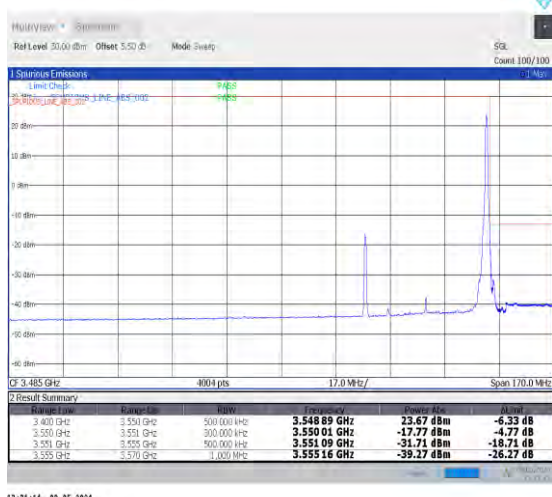
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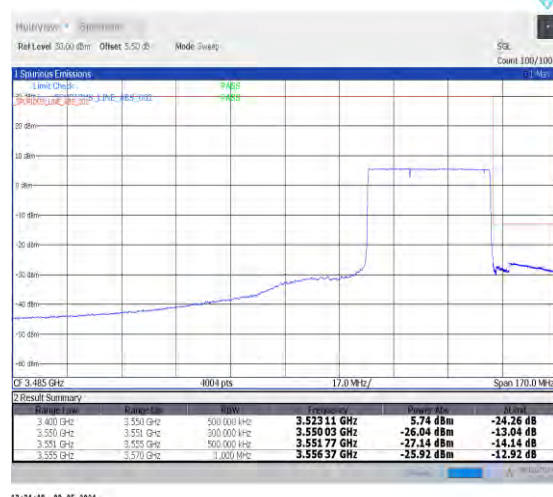
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13:31:14 09.05.2024

1-N78-3450-3550-PC2-30-40-H-5-CP-QPSK-Edge_1R
B_Right-1@105-Ant0-1--PASS-see graph



13:34:48 09.05.2024

1-N78-3450-3550-PC2-30-40-H-6-CP-QPSK-Outer
_Full-106@0-Ant0-1--PASS-see graph



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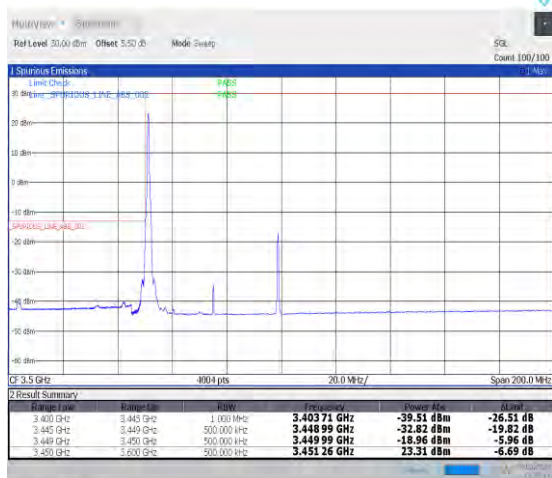
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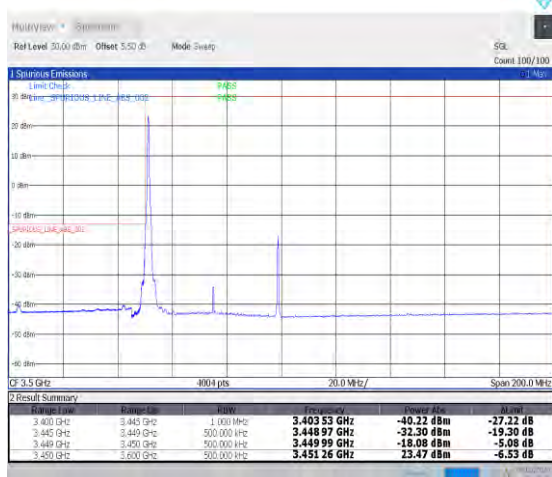
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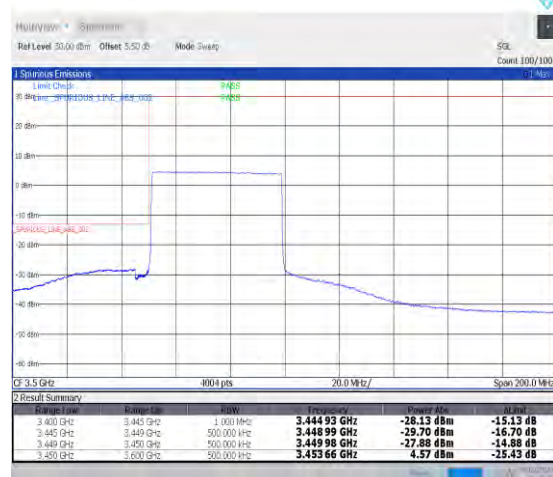
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1-N78-3450-3550-PC2-30-50-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant0-1--PASS-see graph



13:46:14 09.05.2024

1-N78-3450-3550-PC2-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



13:49:59 09.05.2024

1-N78-3450-3550-PC2-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph



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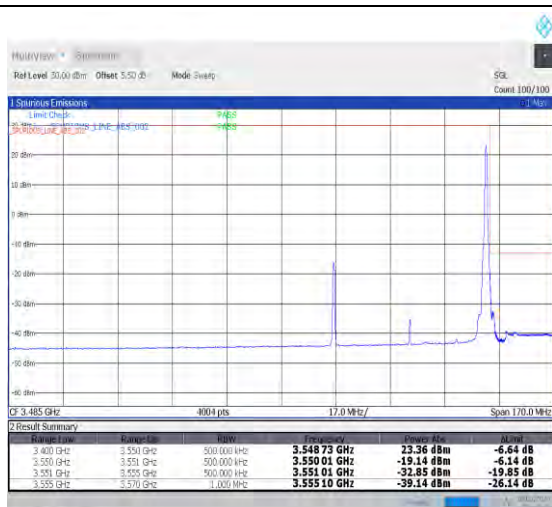
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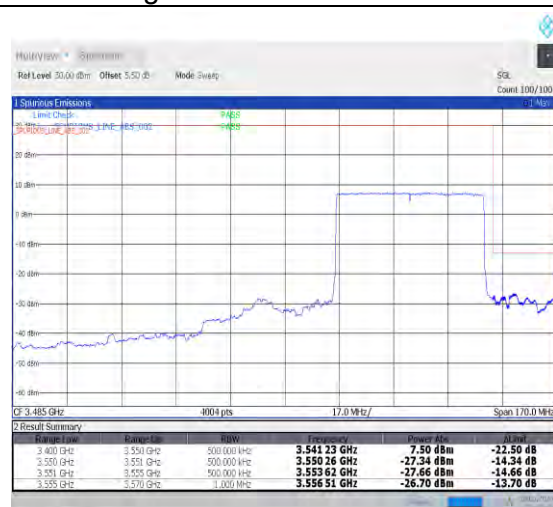
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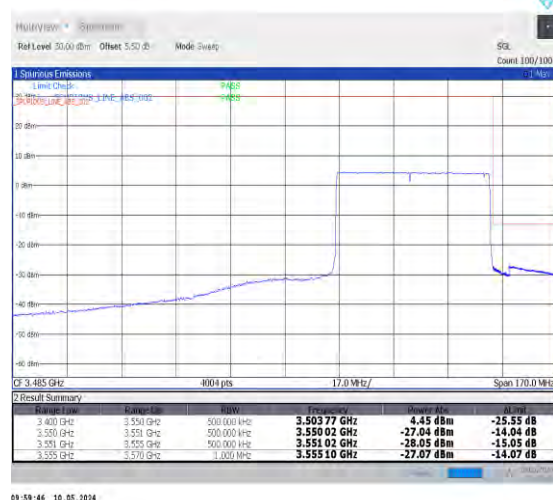
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09:54:13 10.05.2024

1-N78-3450-3550-PC2-30-50-H-5-CP-QPSK-Edge_1R
B_Right-1@132-Ant0-1--PASS-see graph



09:59:46 10.05.2024

1-N78-3450-3550-PC2-30-50-H-6-CP-QPSK-Outer
_Full-133@0-Ant0-1--PASS-see graph



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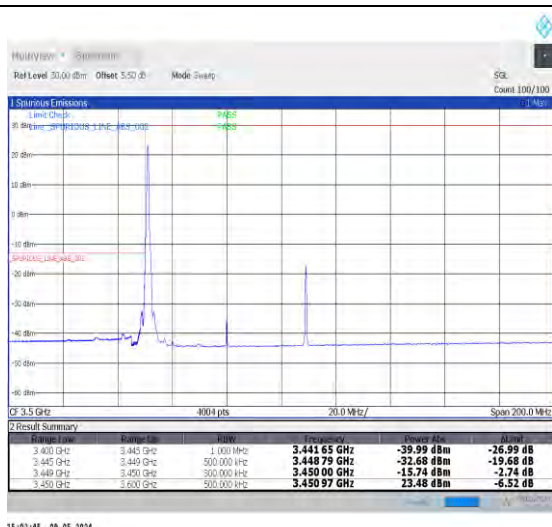
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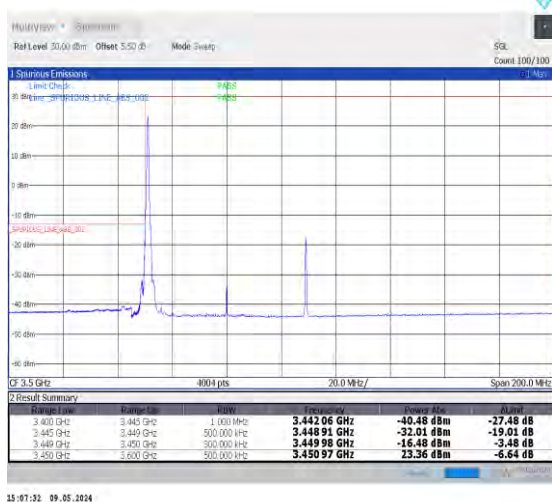
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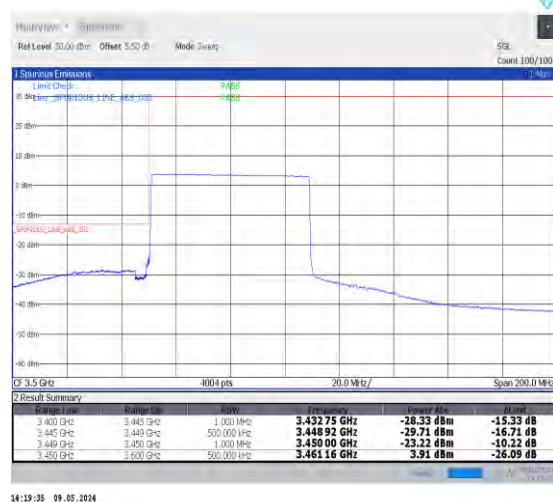
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1-N78-3450-3550-PC2-30-60-L-3-DFT-PI2BPSK-O
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13:07:32 09.05.2024

1-N78-3450-3550-PC2-30-60-L-4-CP-QPSK-Edge_1R
B_Left-1@0-Ant0-1--PASS-see graph



14:19:35 09.05.2024

1-N78-3450-3550-PC2-30-60-L-6-CP-QPSK-Outer
_Full-162@0-Ant0-1--PASS-see graph



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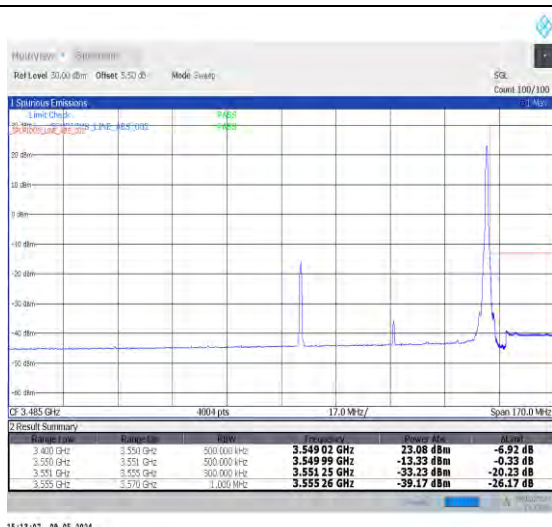
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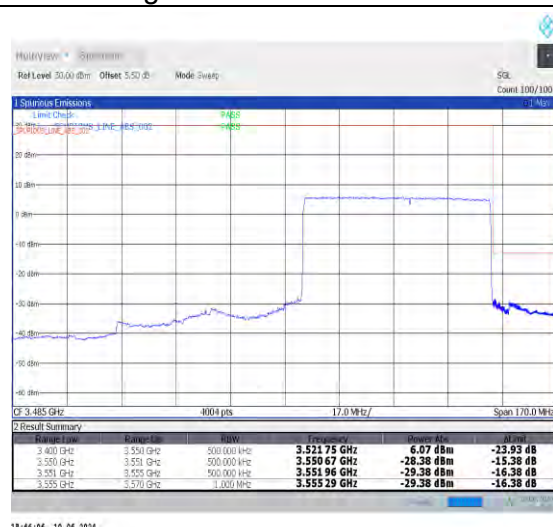
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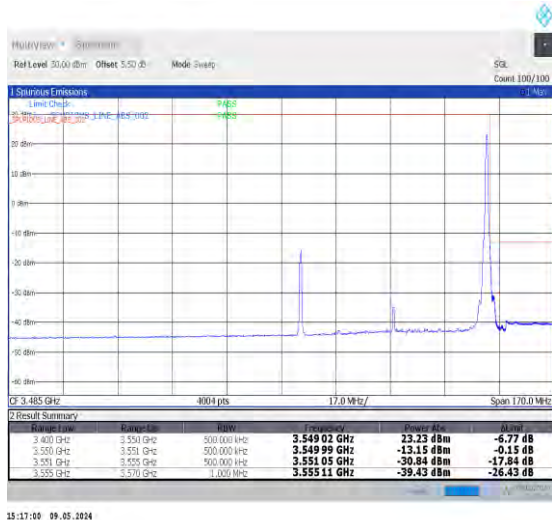
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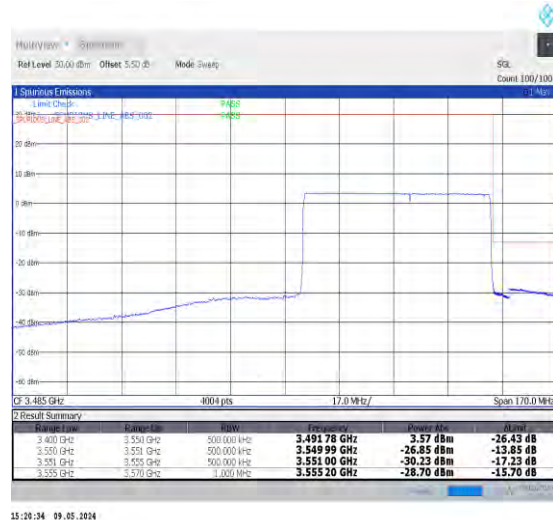
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15:13:00 09.05.2024

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15:20:24 09.05.2024

1-N78-3450-3550-PC2-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant0-1--PASS-see graph



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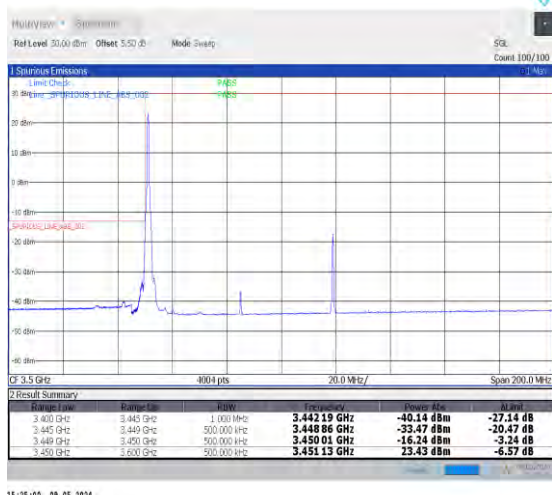
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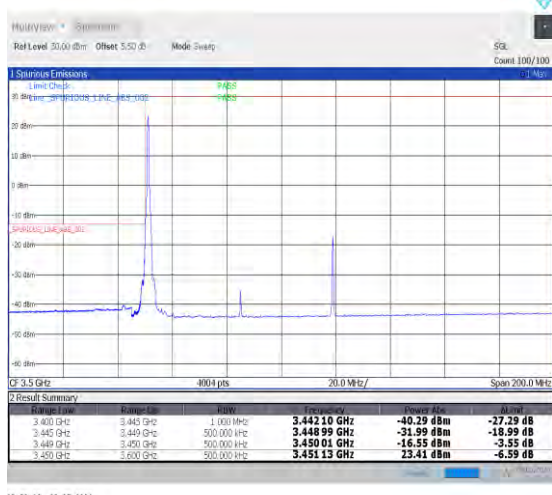
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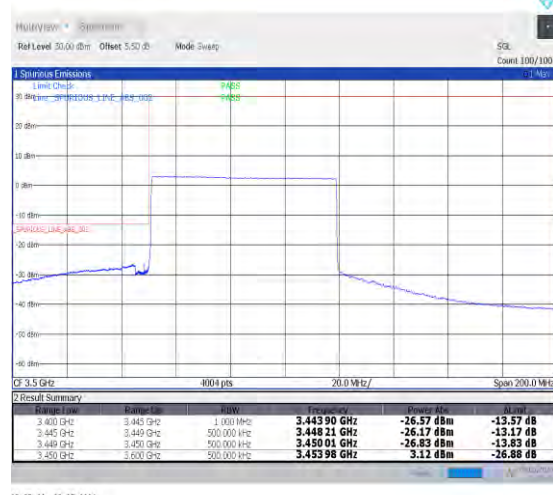
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13:32:10 09.05.2024

1-N78-3450-3550-PC2-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



13:35:44 09.05.2024

1-N78-3450-3550-PC2-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph



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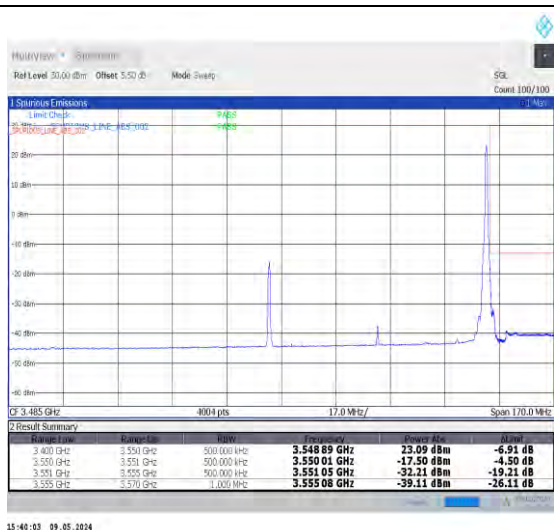
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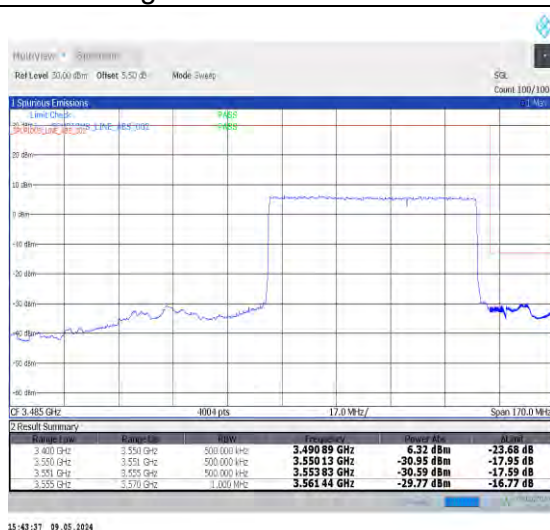
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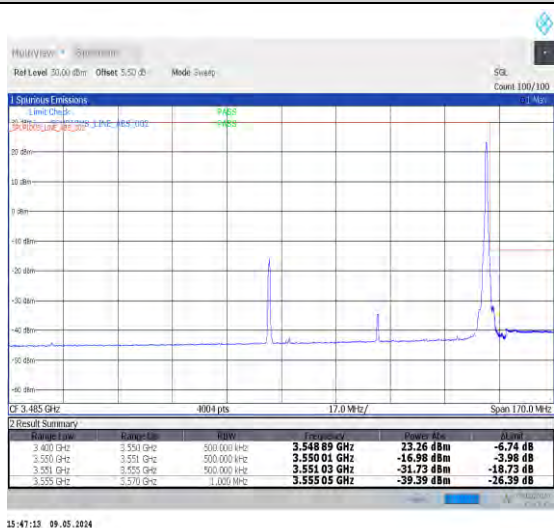
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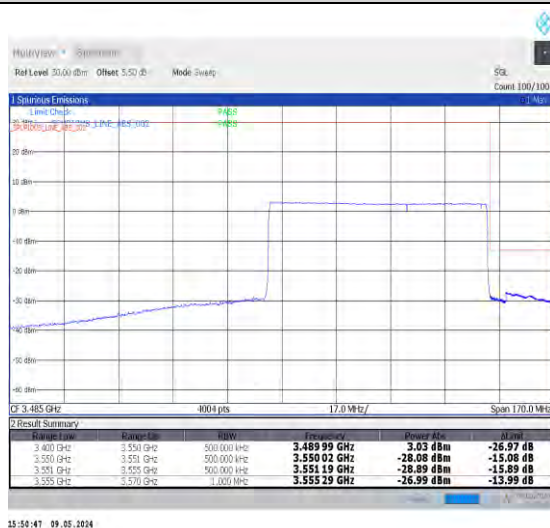
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1-N78-3450-3550-PC2-30-70-H-3-DFT-PI2BPSK-
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15:47:13 09.05.2024



15:50:47 09.05.2024

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_Full-189@0-Ant0-1--PASS-see graph



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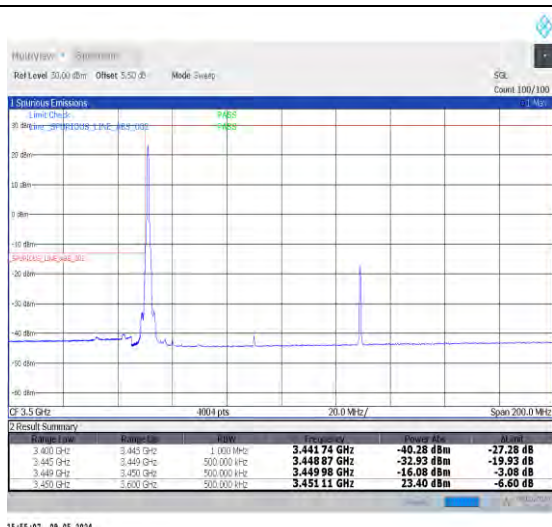
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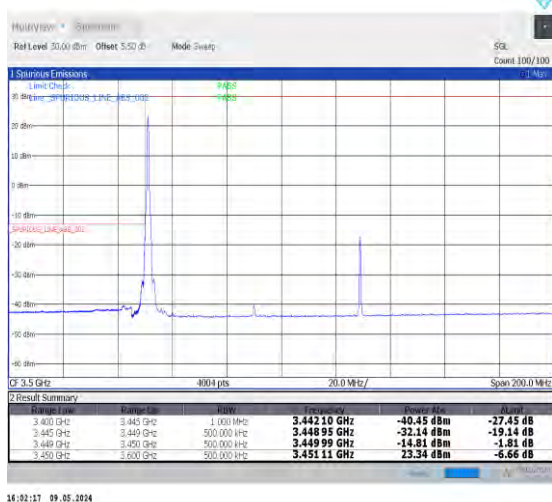
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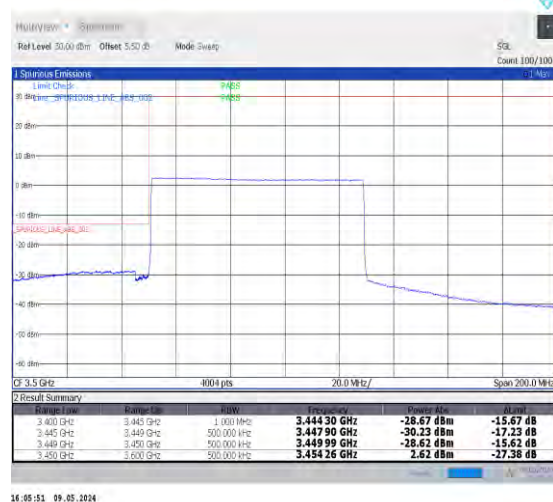
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14:02:17 09.05.2024

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14:05:51 09.05.2024

1-N78-3450-3550-PC2-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant0-1--PASS-see graph



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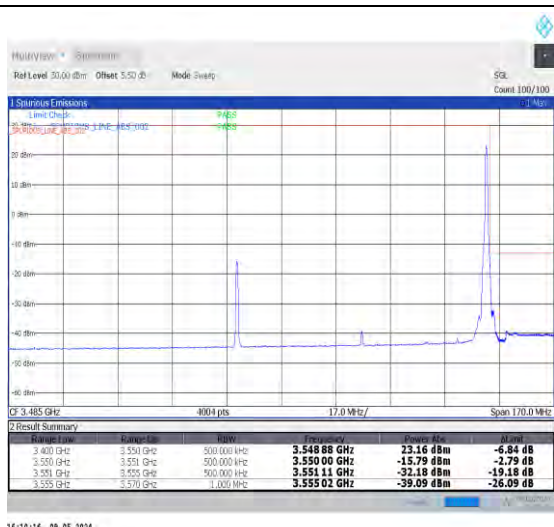
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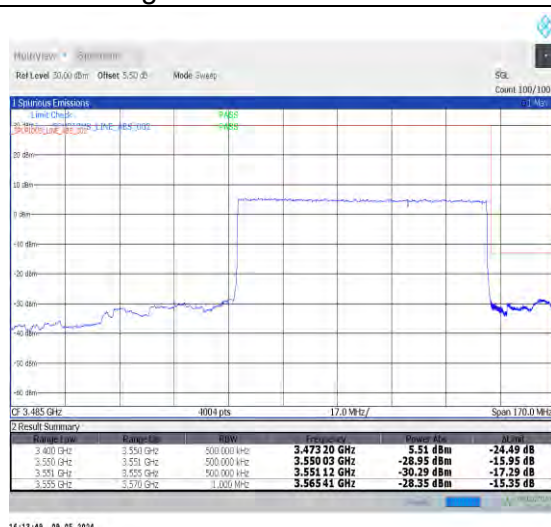
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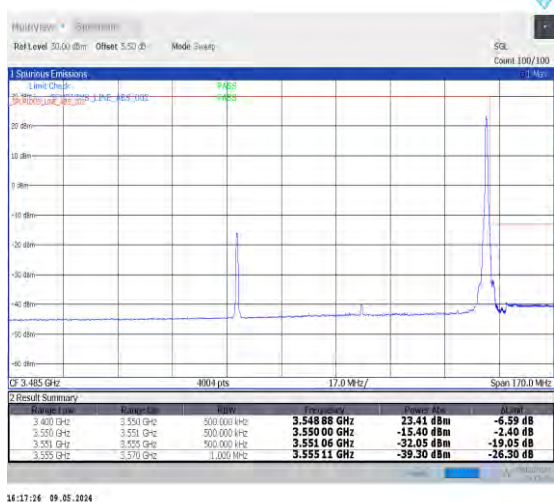
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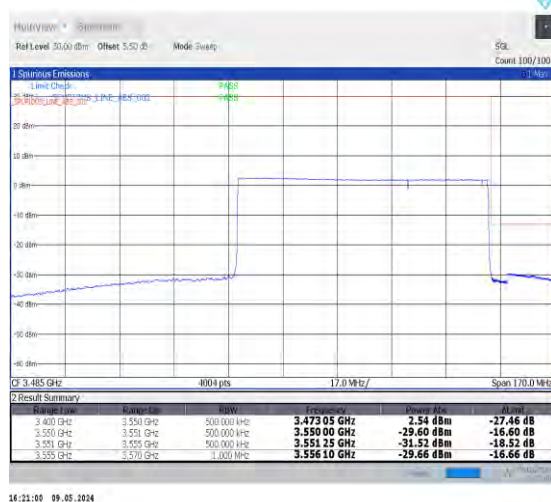
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14:11:05 09.05.2024

1-N78-3450-3550-PC2-30-80-H-6-CP-QPSK-Outer
_Full-217@0-Ant0-1--PASS-see graph



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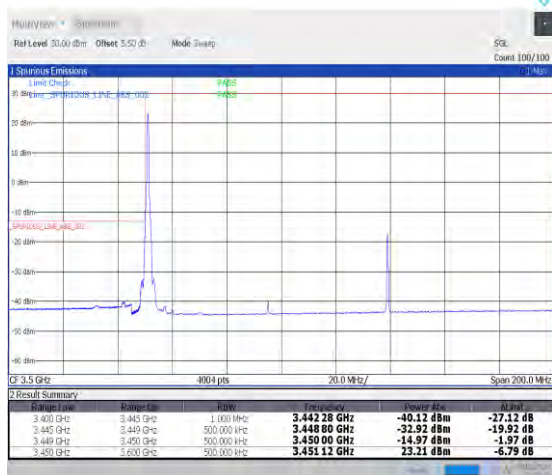
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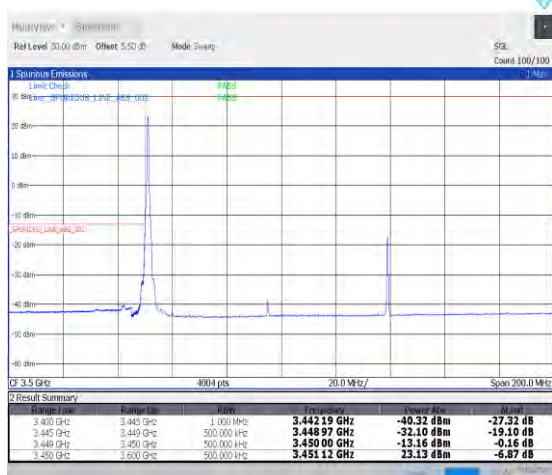
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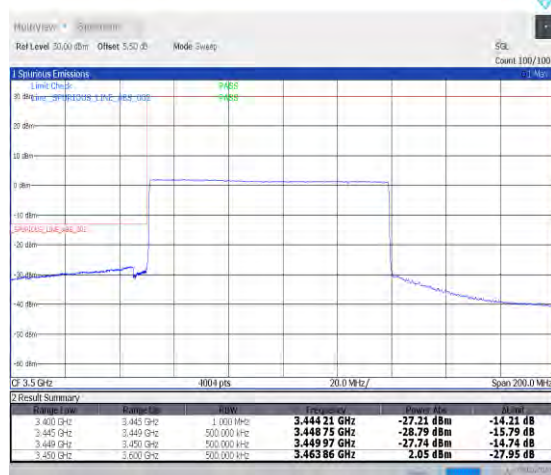
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14:32:06 09.05.2024

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14:35:39 09.05.2024

1-N78-3450-3550-PC2-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph



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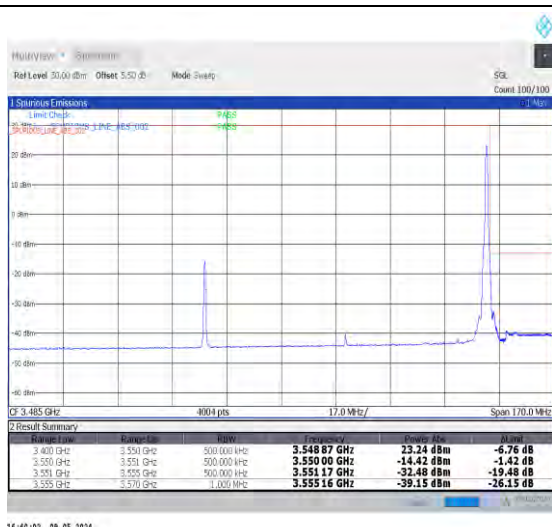
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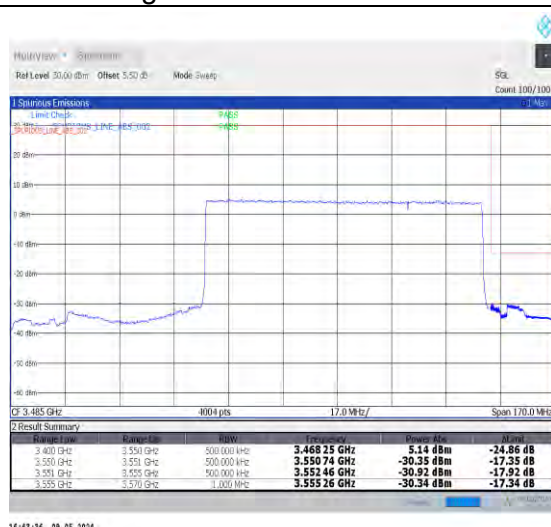
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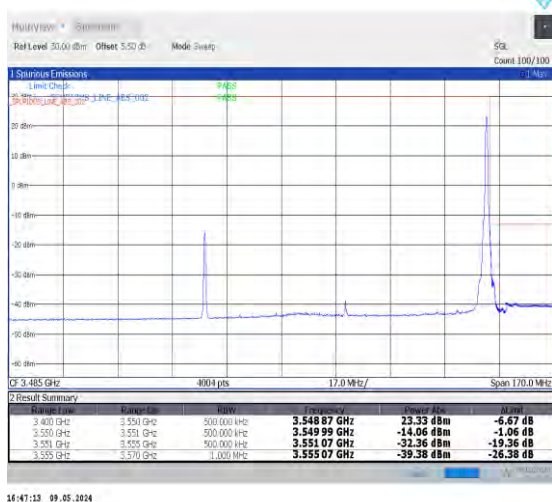
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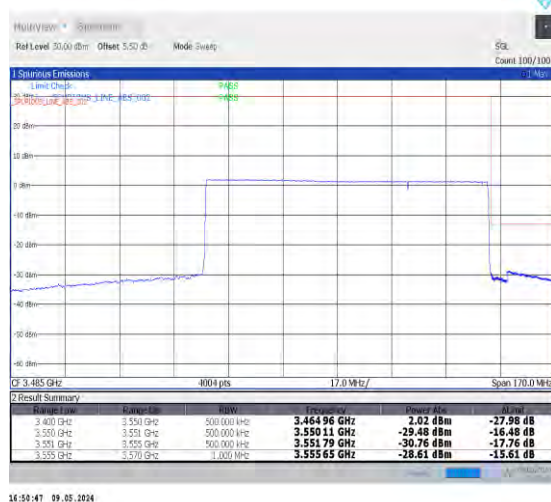
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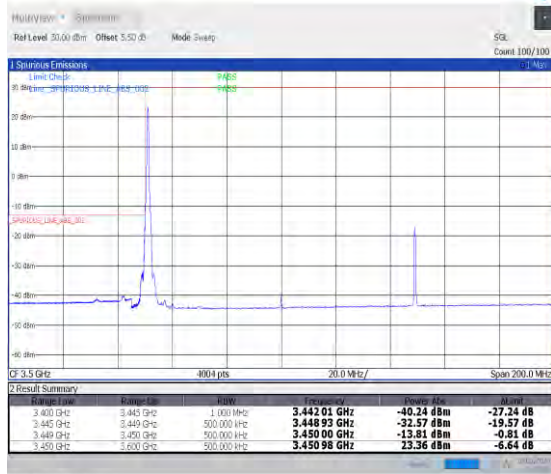
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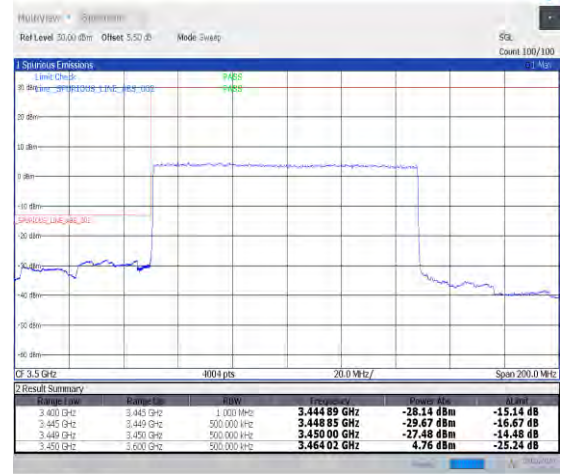
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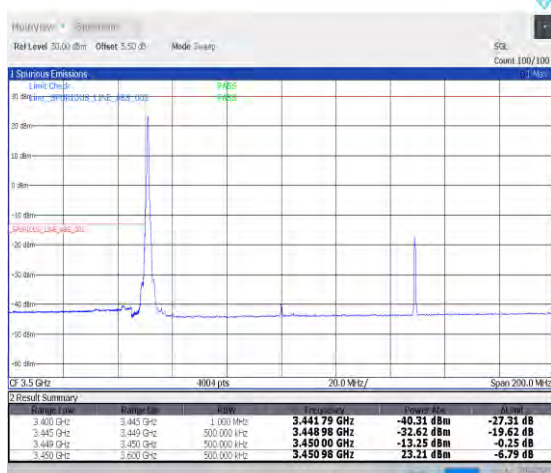
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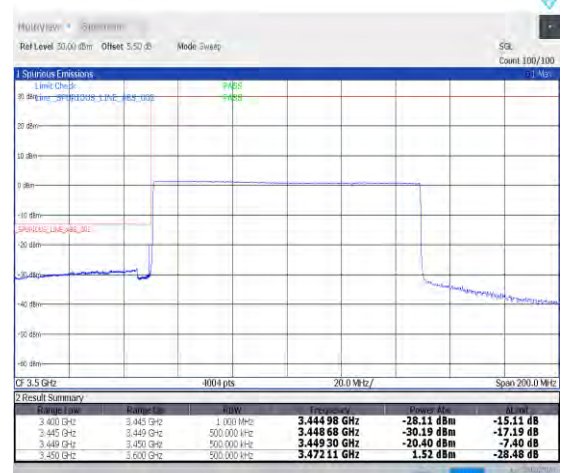
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10:11:15 10.05.2024

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10:14:49 10.05.2024

1-N78-3450-3550-PC2-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph



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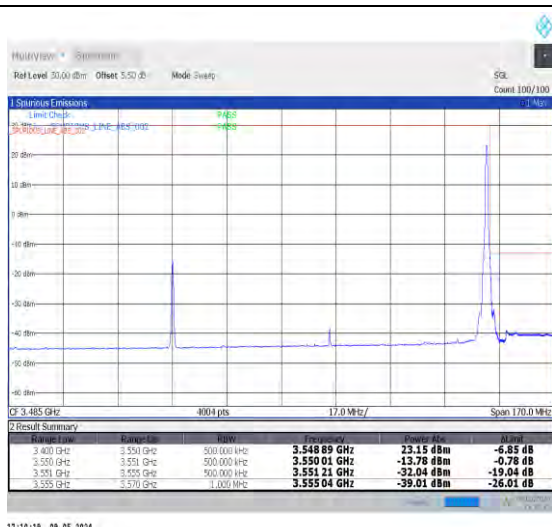
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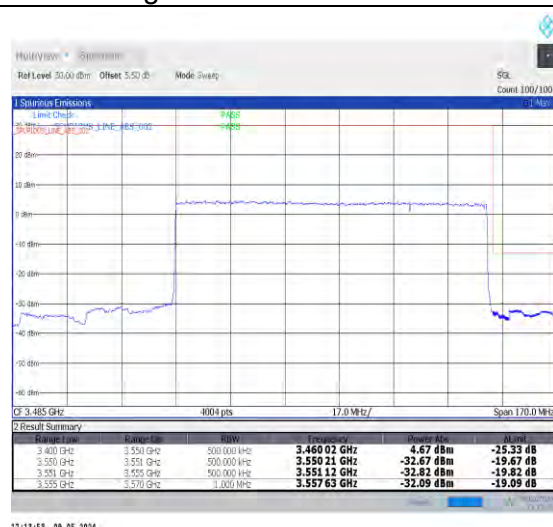
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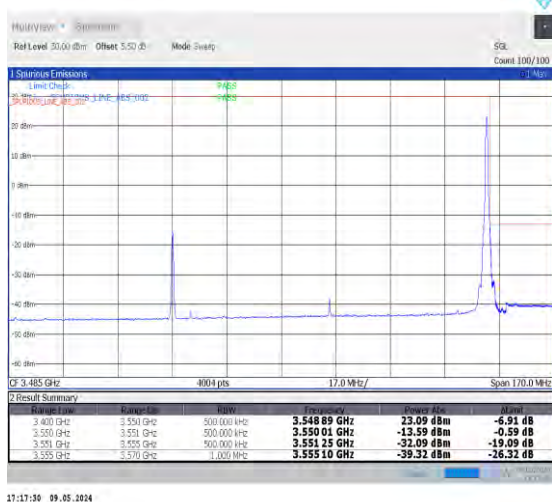
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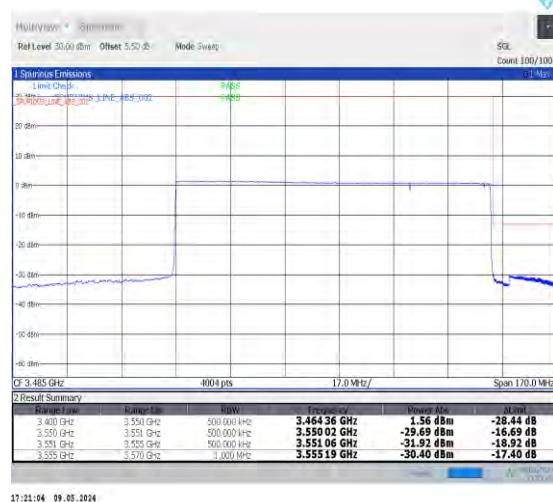
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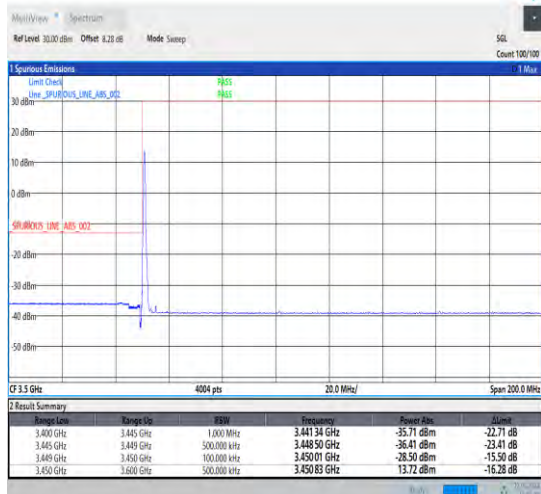
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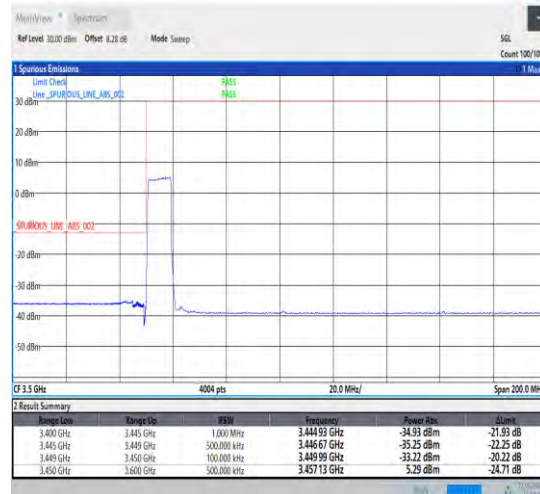
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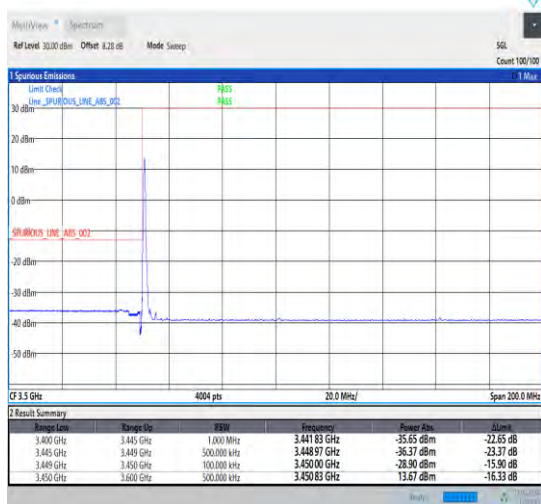
Test Graphs



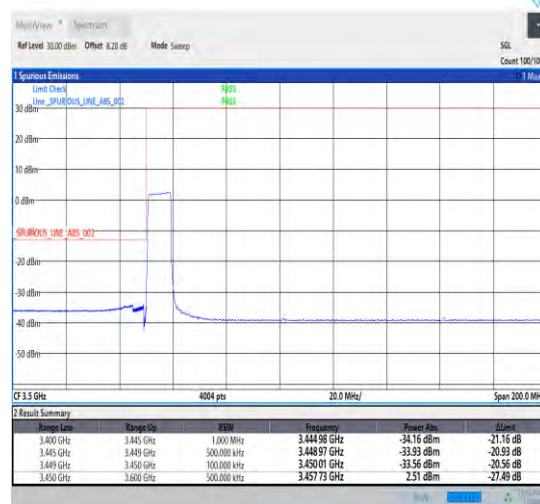
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1-N78-3450-3550-30-10-L-4-CP-QPSK-Edge_1RB_Lef
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1-N78-3450-3550-30-10-L-6-CP-QPSK-Outer_Full
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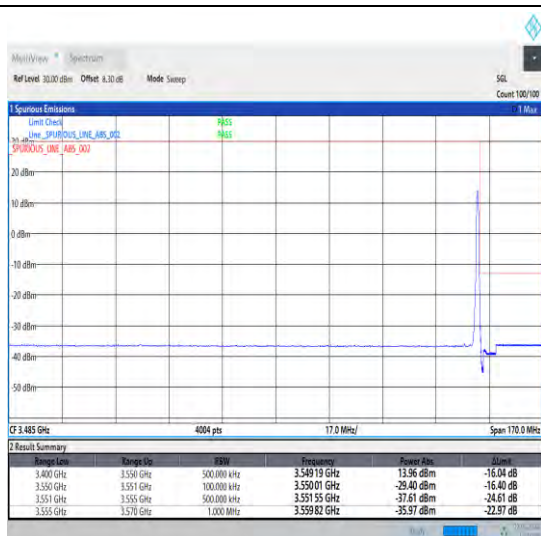
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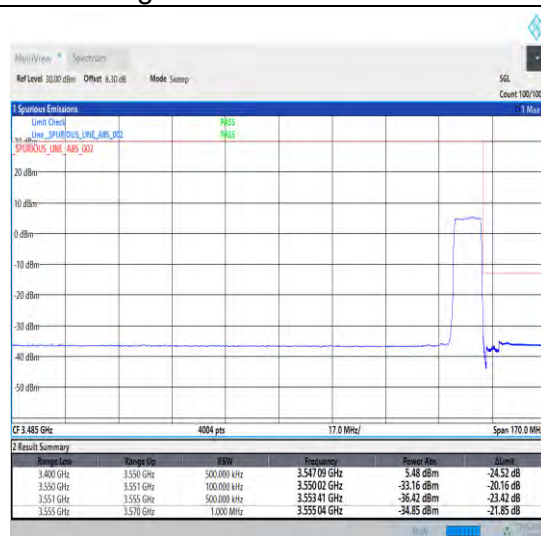
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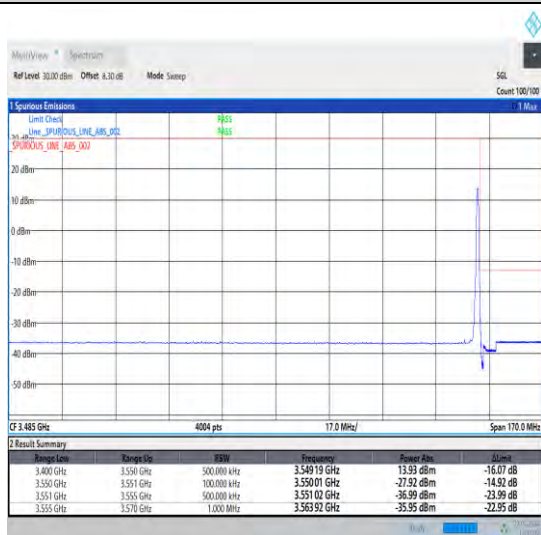
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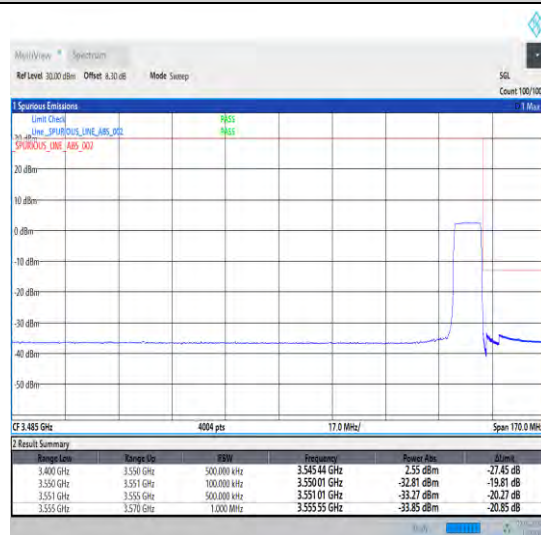
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1-N78-3450-3550-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant0-1--PASS-see graph



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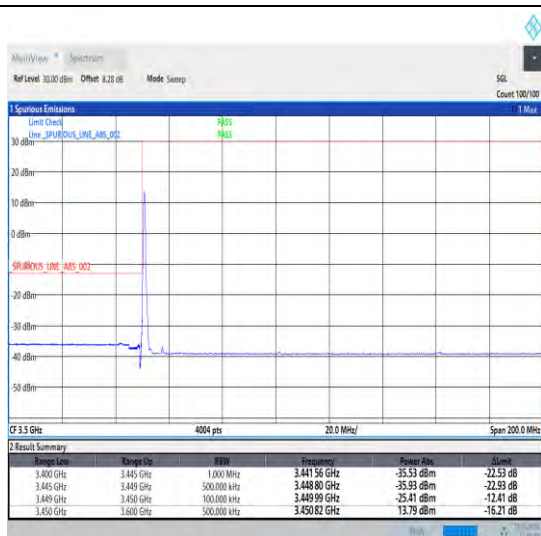
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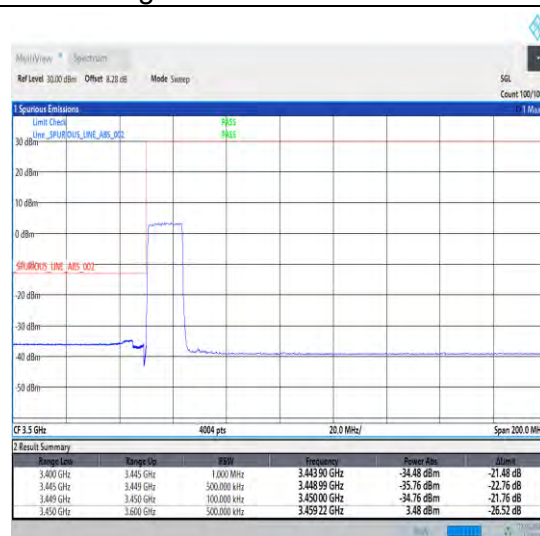
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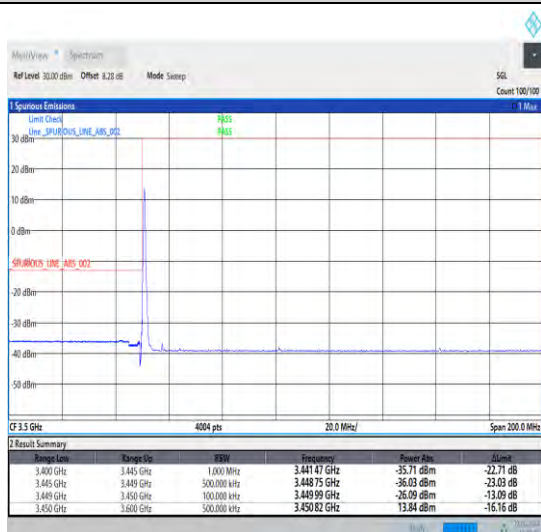
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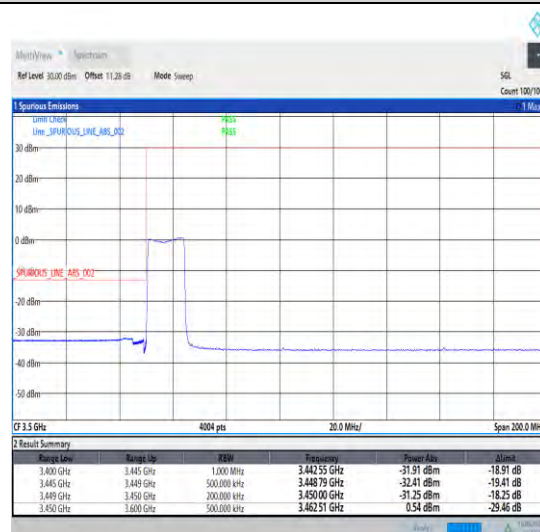
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1-N78-3450-3550-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-15-L-4-CP-QPSK-Edge_1RB_Lef t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-15-L-6-CP-QPSK-Outer_Full -38@0-Ant0-1--PASS-see graph



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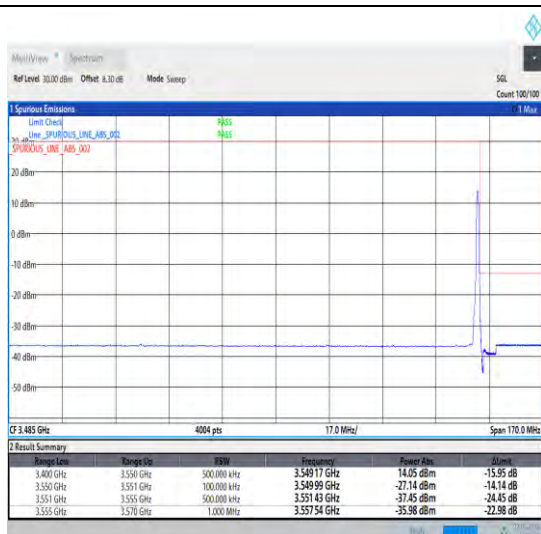
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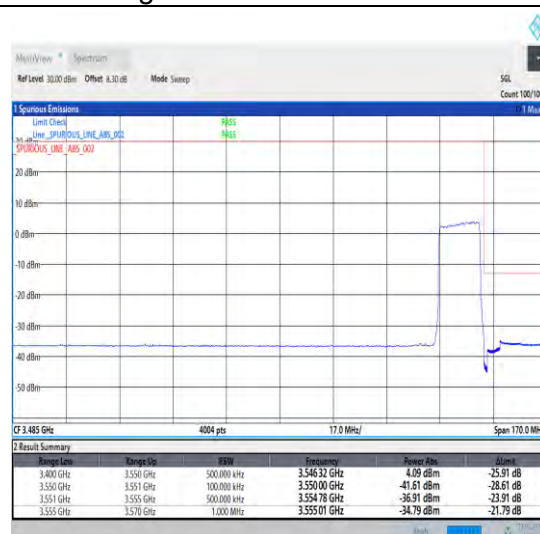
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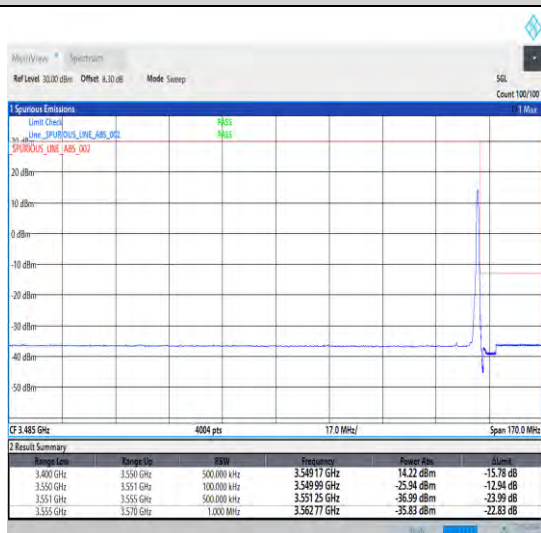
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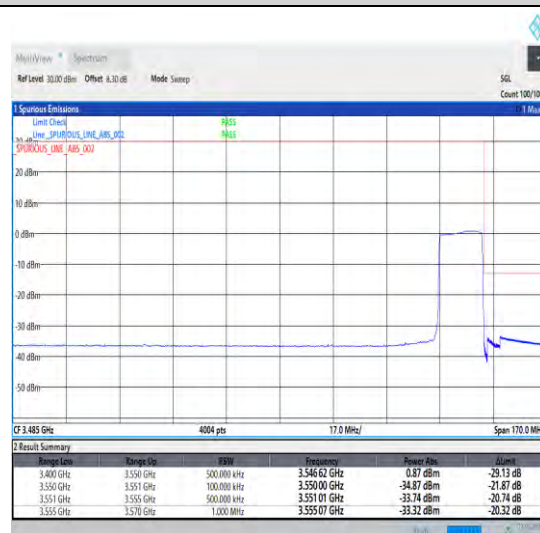
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1-N78-3450-3550-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant0-1--PASS-see graph



1-N78-3450-3550-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph



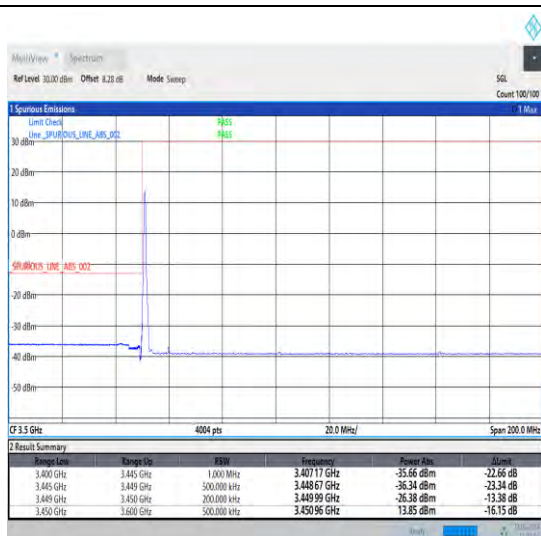
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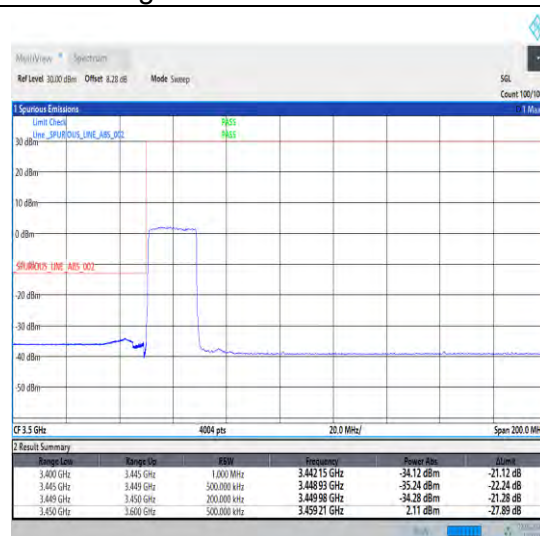
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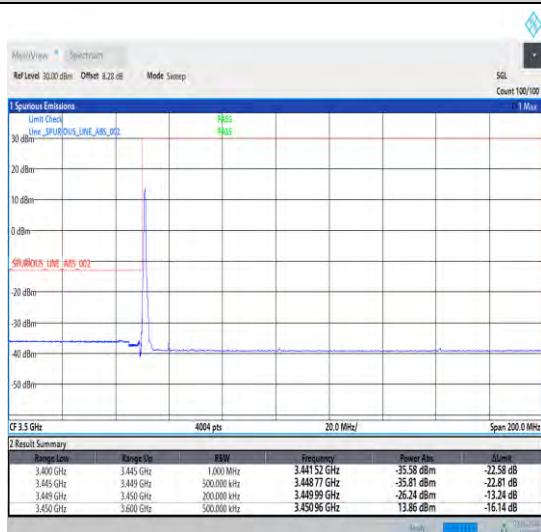
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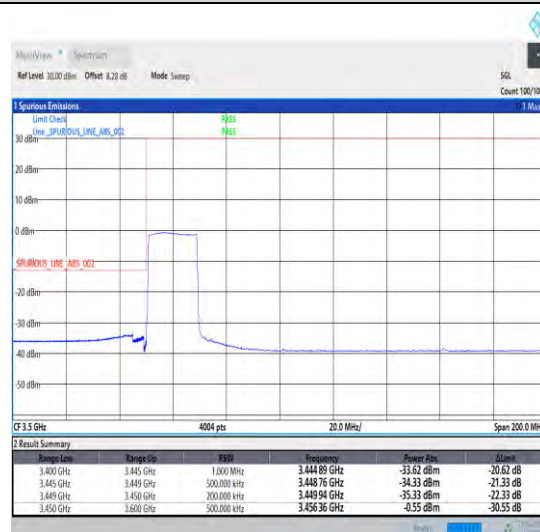
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1-N78-3450-3550-30-20-L-3-DFT-PI2BPSK-Outer
_Full-50@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-20-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-20-L-6-CP-QPSK-Outer_Full
-51@0-Ant0-1--PASS-see graph



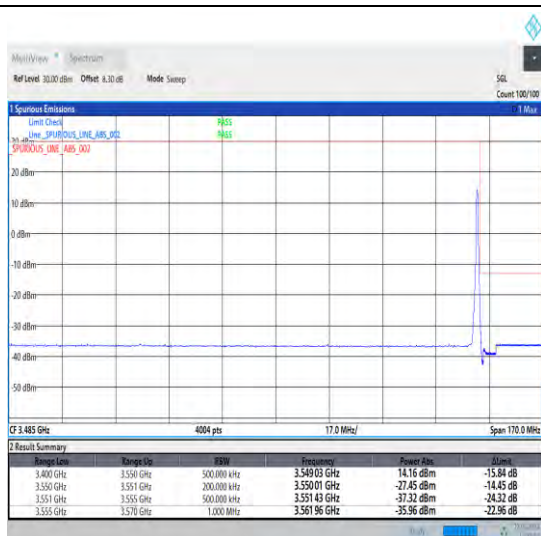
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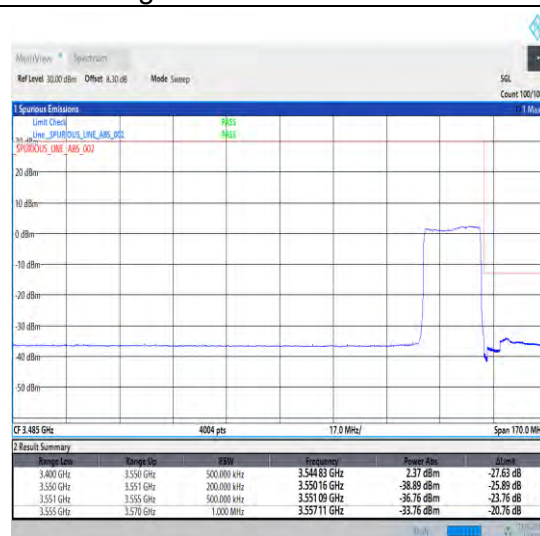
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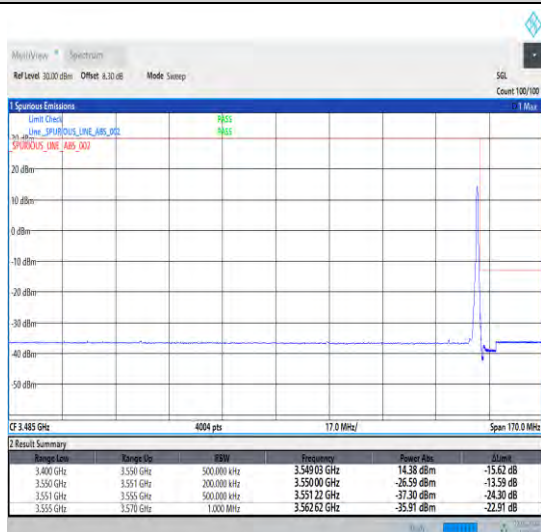
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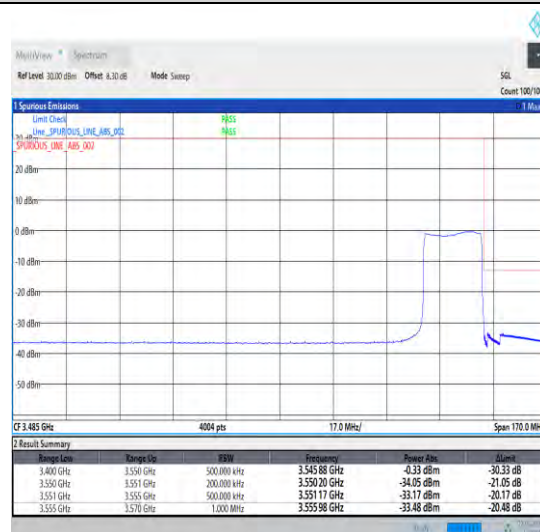
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1-N78-3450-3550-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant0-1--PASS-see graph



1-N78-3450-3550-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



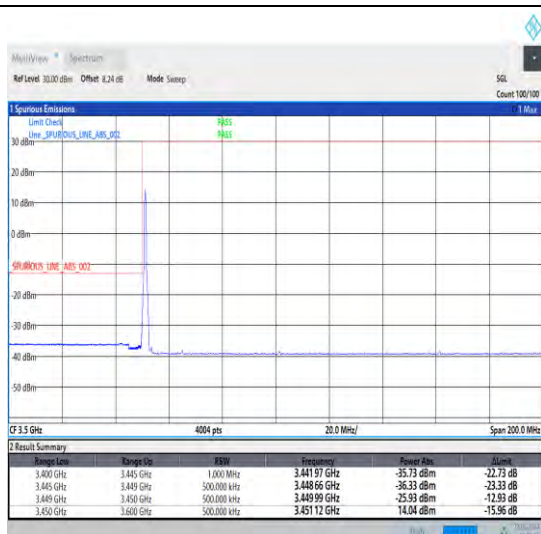
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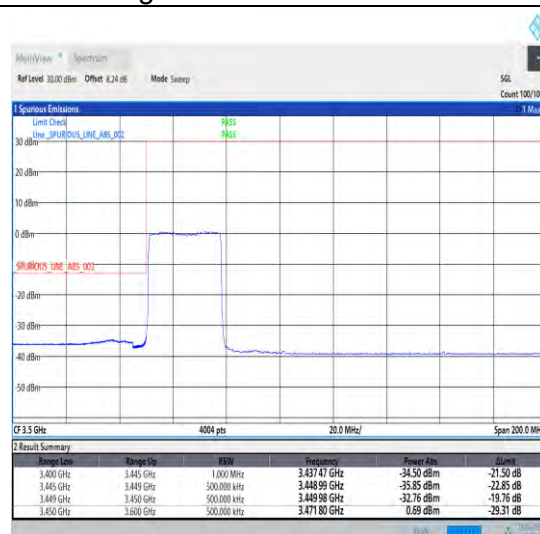
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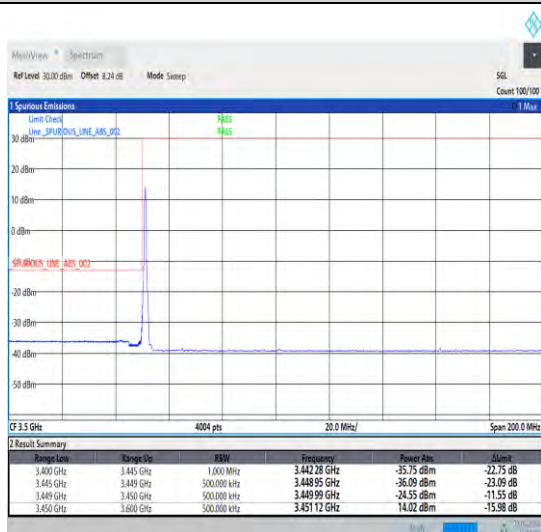
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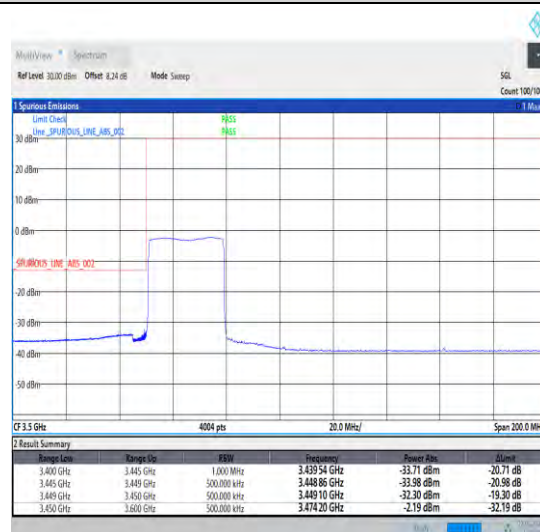
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1-N78-3450-3550-30-30-L-3-DFT-PI2BPSK-Outer
_Full-75@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-30-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-30-L-6-CP-QPSK-Outer_Full
-78@0-Ant0-1--PASS-see graph



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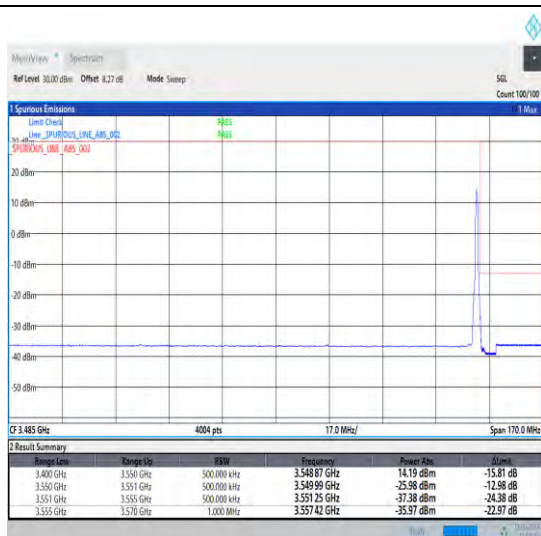
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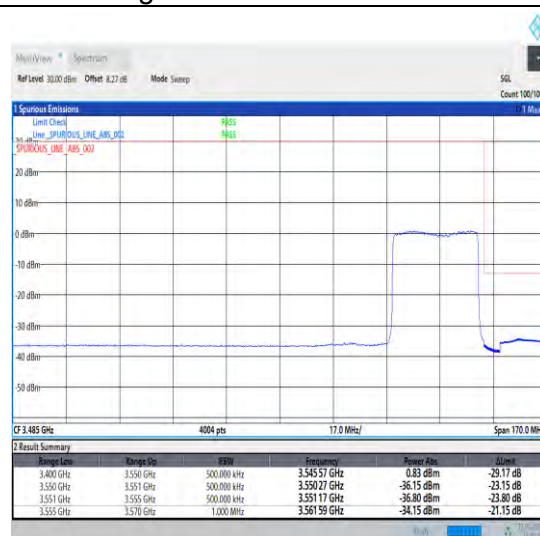
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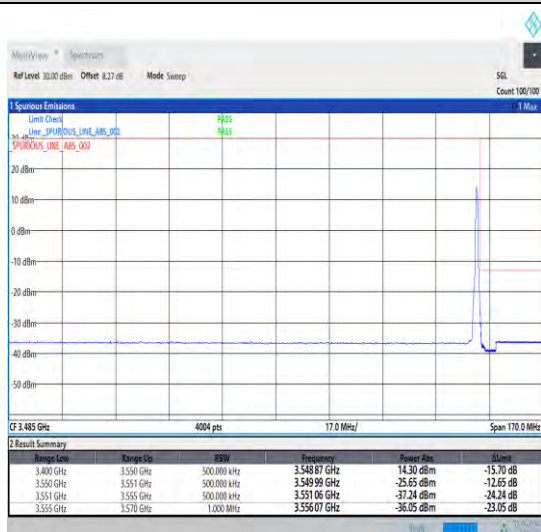
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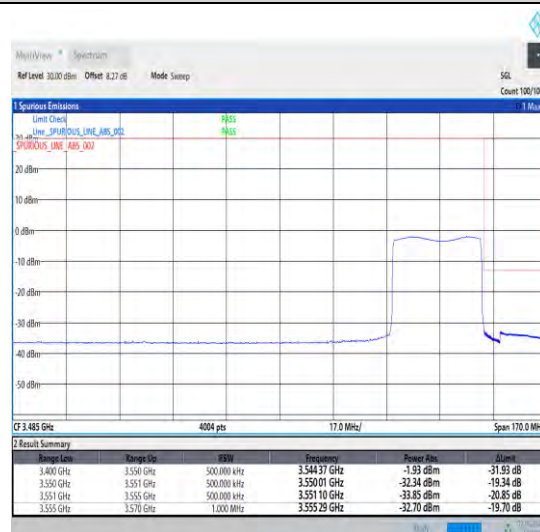
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1-N78-3450-3550-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant0-1--PASS-see graph



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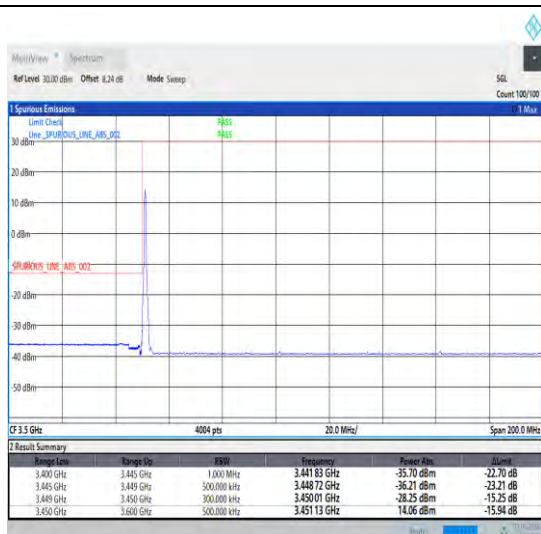
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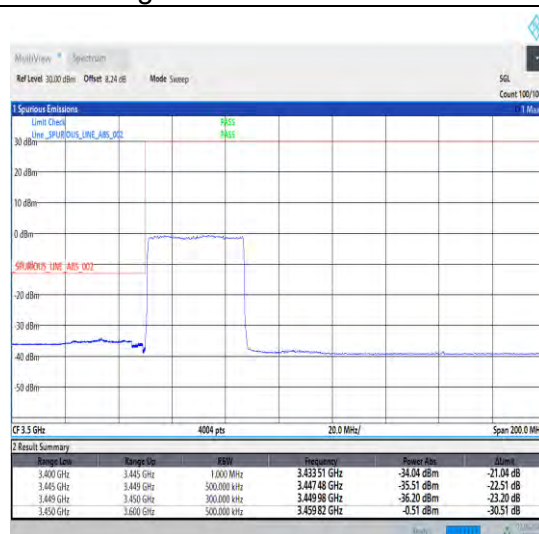
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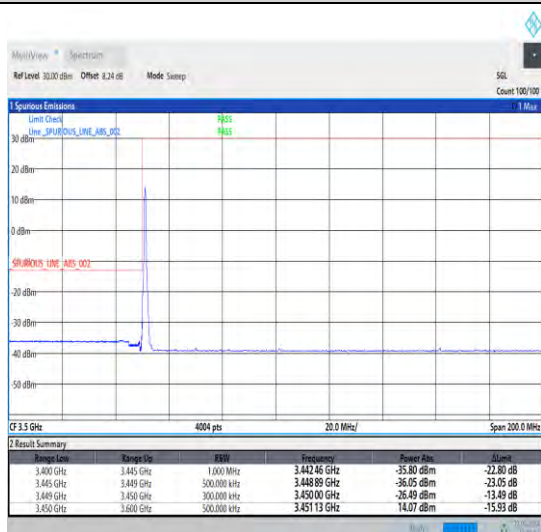
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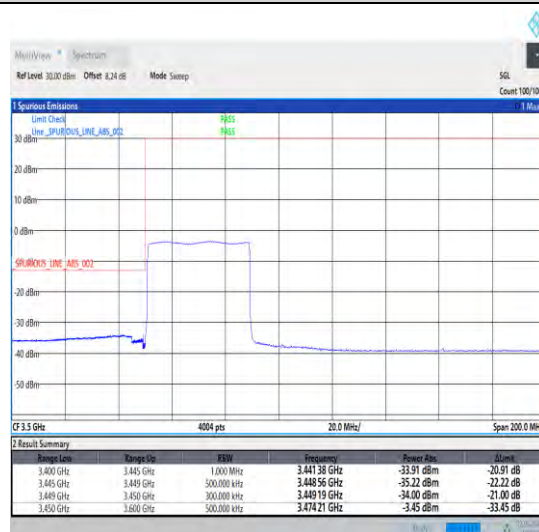
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1-N78-3450-3550-30-40-L-3-DFT-PI2BPSK-Outer
_Full-100@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-40-L-4-CP-QPSK-Edge_1RB_Lef
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1-N78-3450-3550-30-40-L-6-CP-QPSK-Outer_Full
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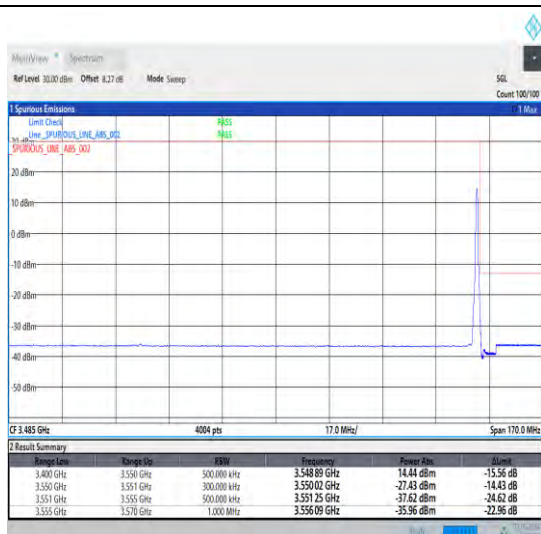
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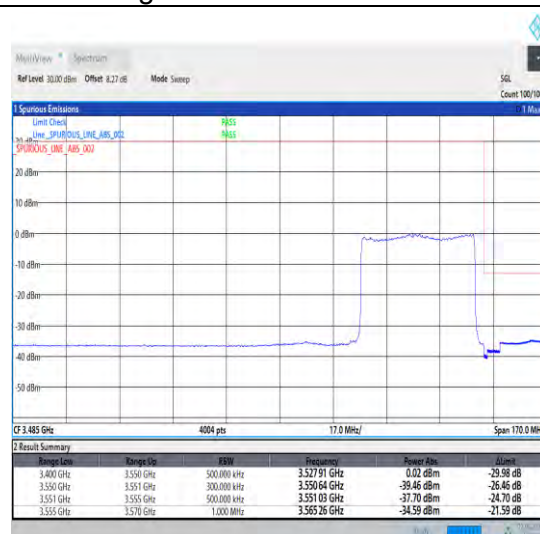
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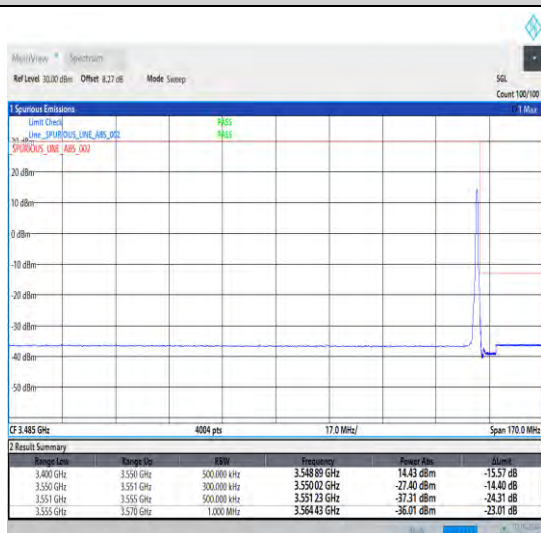
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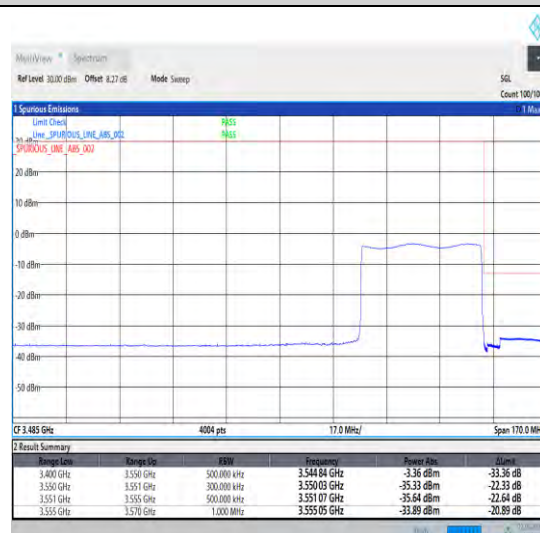
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B_Right-1@105-Ant0-1--PASS-see graph



1-N78-3450-3550-30-40-H-3-DFT-PI2BPSK-Outer
_Full-100@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-40-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@105-Ant0-1--PASS-see graph



1-N78-3450-3550-30-40-H-6-CP-QPSK-Outer_Full
-106@0-Ant0-1--PASS-see graph



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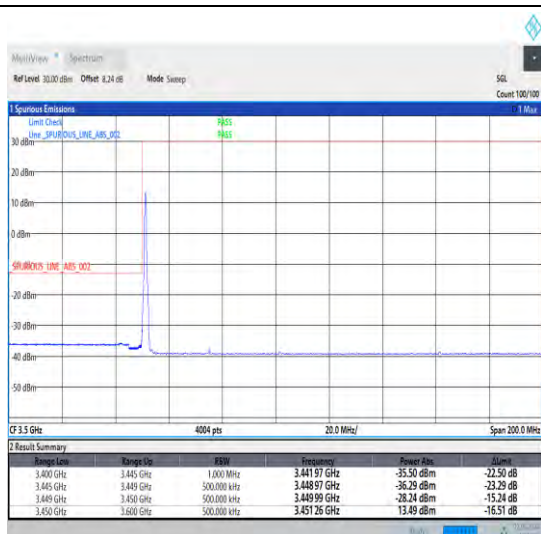
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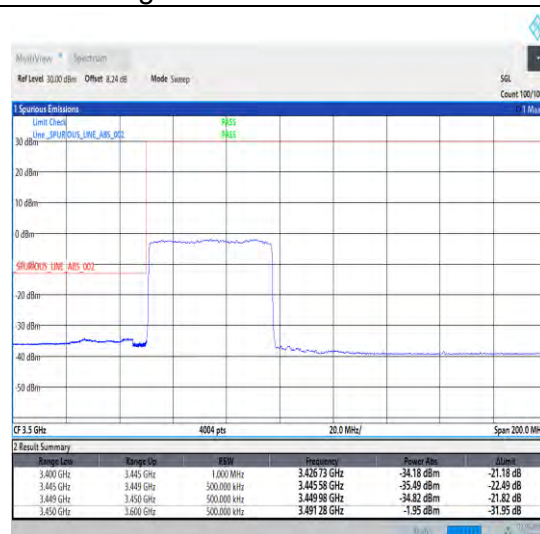
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Rev.: 01

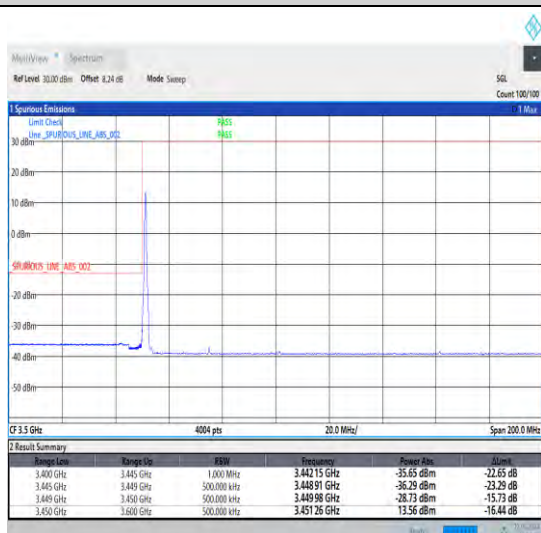
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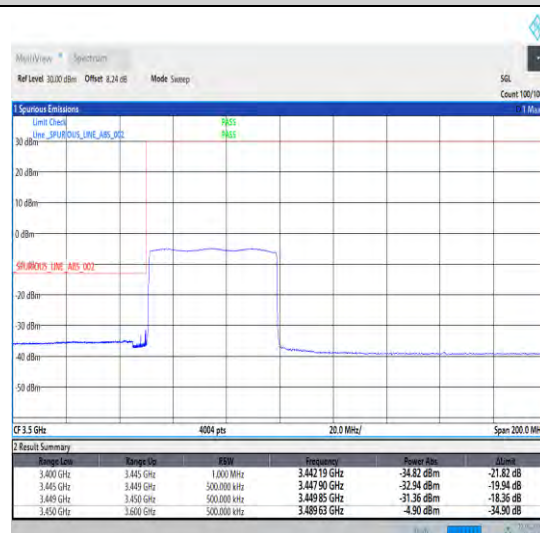
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_Left-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-50-L-3-DFT-PI2BPSK-Outer
_Full-128@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-50-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-50-L-6-CP-QPSK-Outer_Full
-133@0-Ant0-1--PASS-see graph



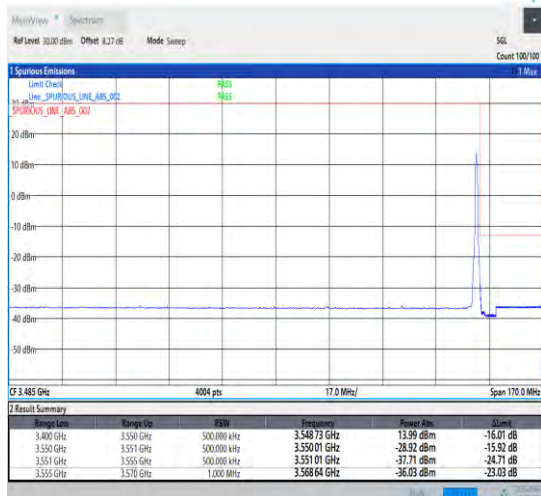
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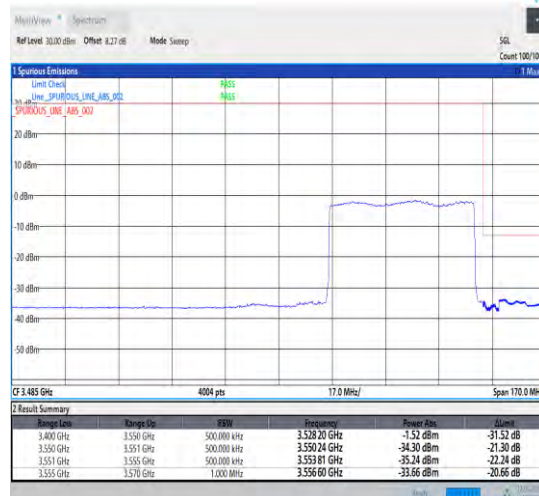
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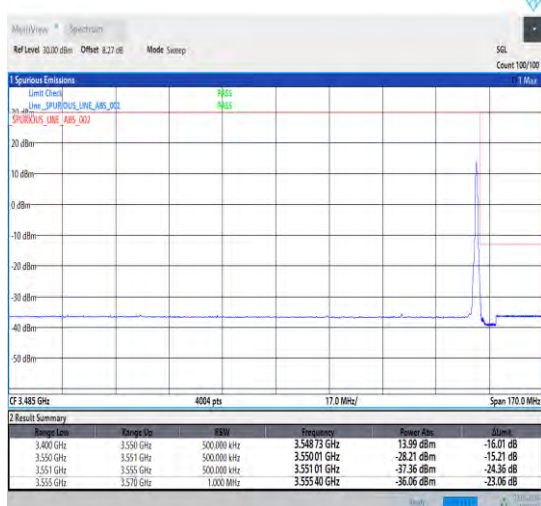
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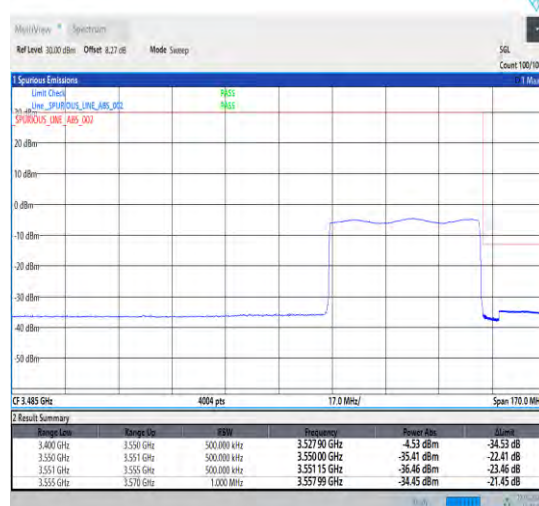
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B_Right-1@132-Ant0-1--PASS-see graph



1-N78-3450-3550-30-50-H-3-DFT-PI2BPSK-Outer
_Full-128@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-50-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@132-Ant0-1--PASS-see graph



1-N78-3450-3550-30-50-H-6-CP-QPSK-Outer_Full
-133@0-Ant0-1--PASS-see graph



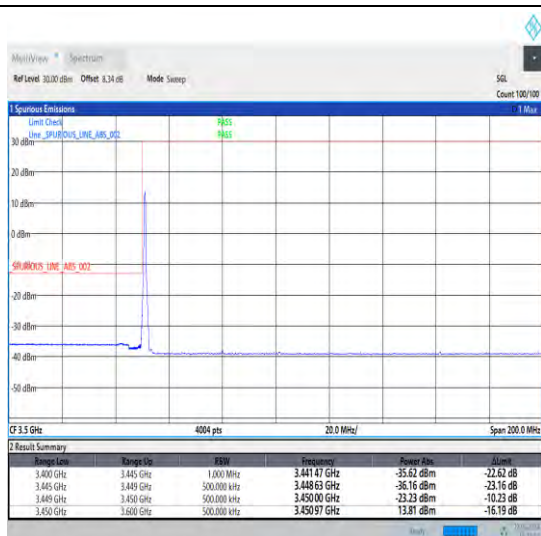
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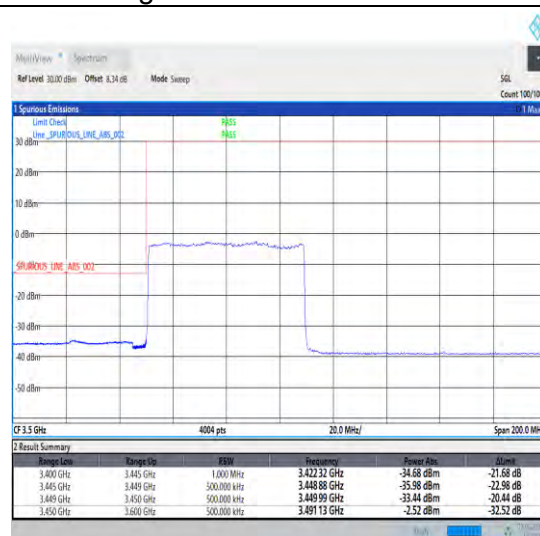
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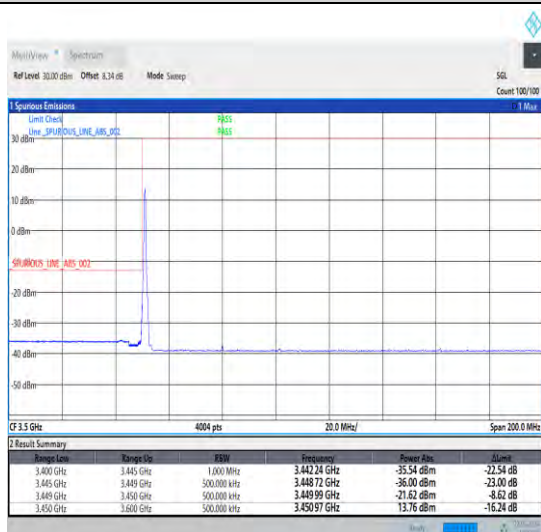
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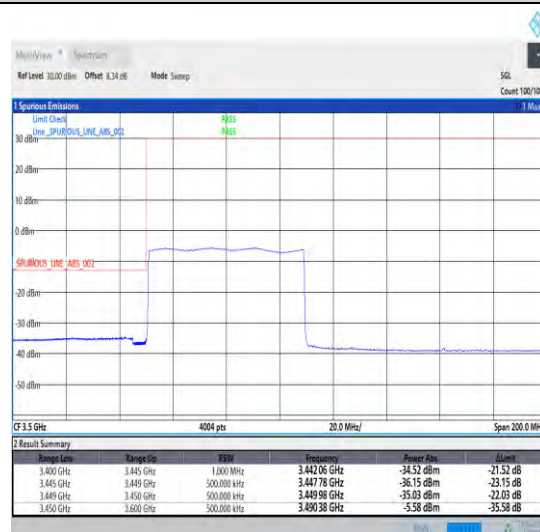
1-N78-3450-3550-30-60-L-1-DFT-PI2BPSK-Edge_1RB
_Left-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-60-L-3-DFT-PI2BPSK-Outer
_Full-162@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-60-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-60-L-6-CP-QPSK-Outer_Full
-162@0-Ant0-1--PASS-see graph



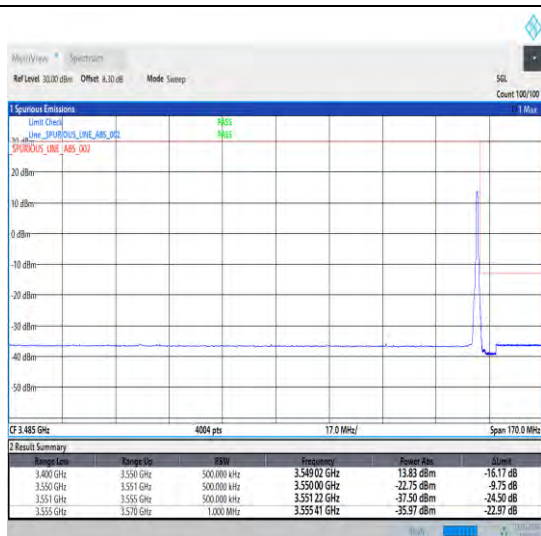
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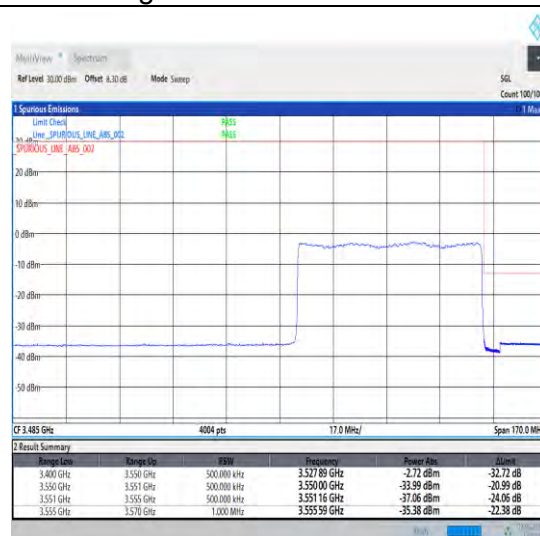
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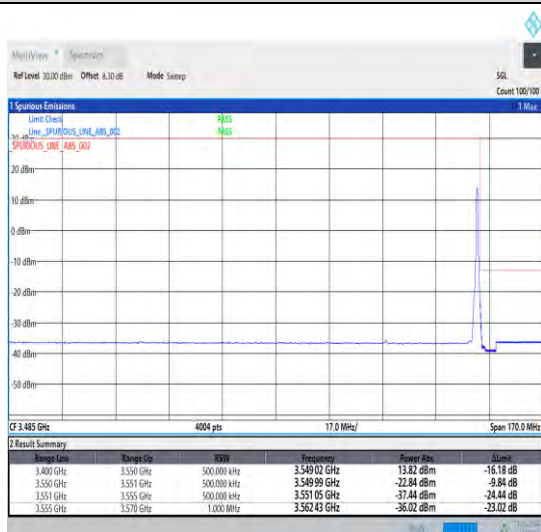
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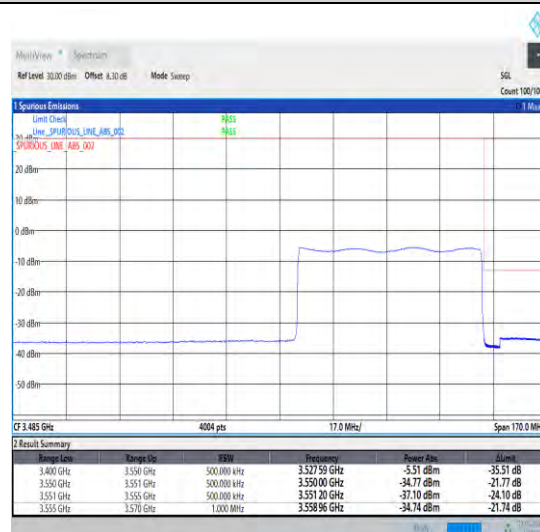
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B_Right-1@161-Ant0-1--PASS-see graph



1-N78-3450-3550-30-60-H-3-DFT-PI2BPSK-Outer
_Full-162@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-60-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@161-Ant0-1--PASS-see graph



1-N78-3450-3550-30-60-H-6-CP-QPSK-Outer_Full
-162@0-Ant0-1--PASS-see graph



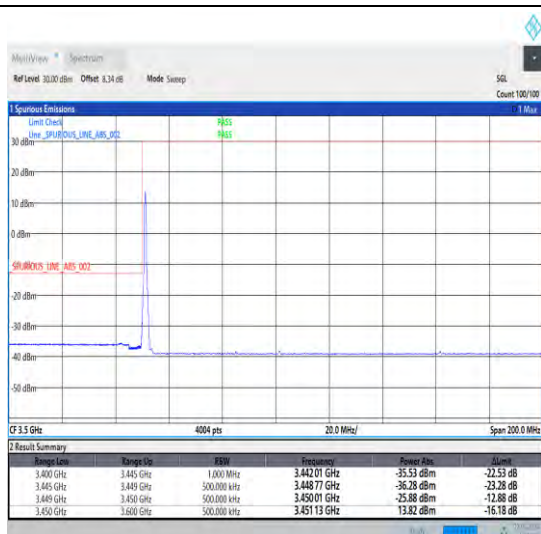
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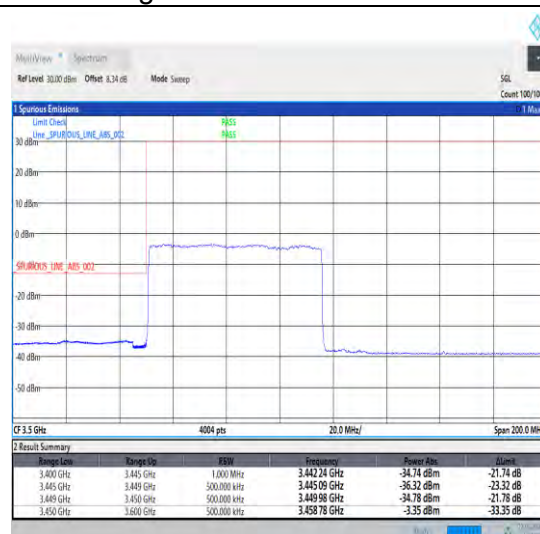
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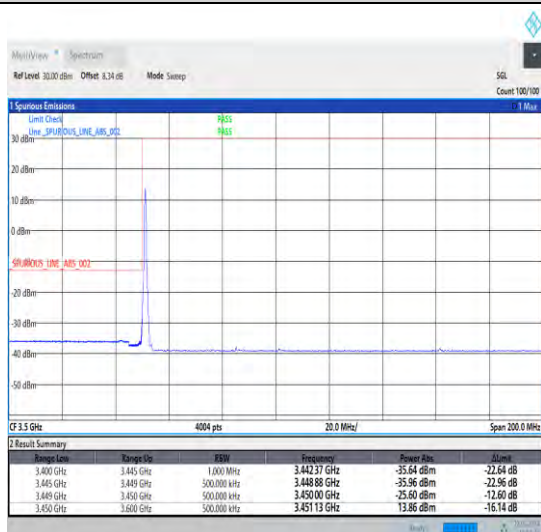
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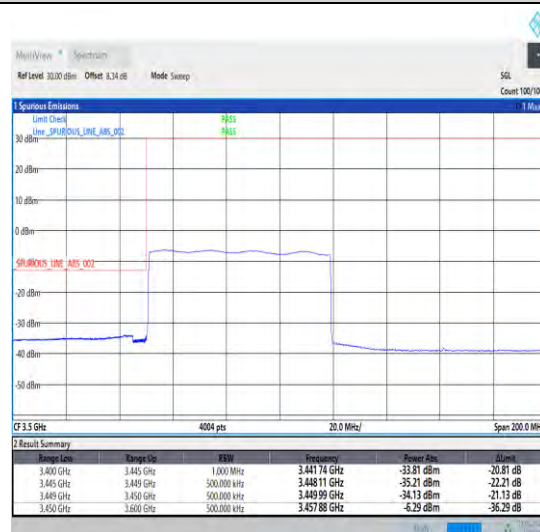
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_Left-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-70-L-3-DFT-PI2BPSK-Outer
_Full-180@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-70-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-70-L-6-CP-QPSK-Outer_Full
-189@0-Ant0-1--PASS-see graph



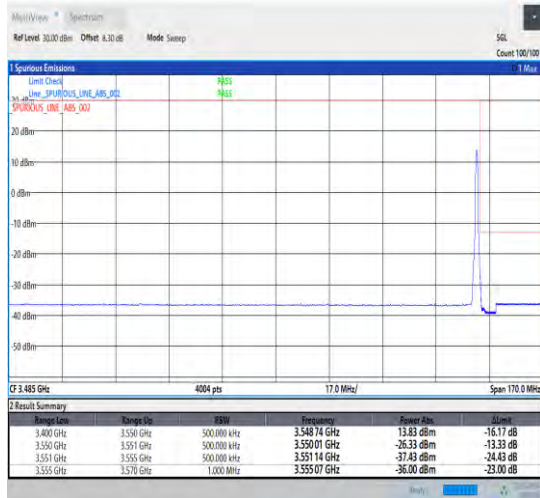
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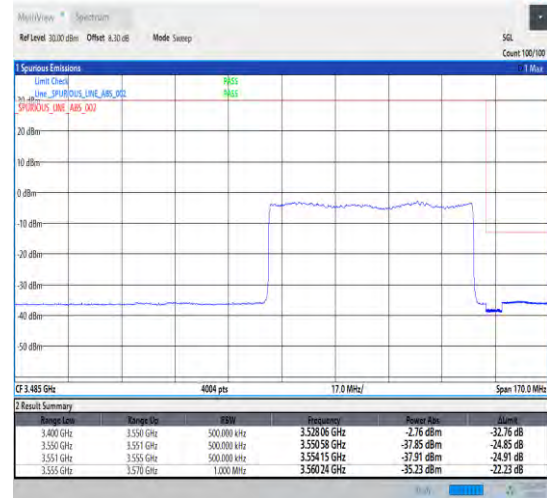
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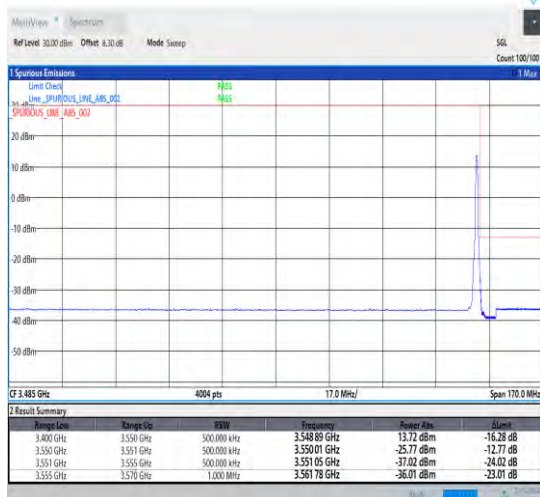
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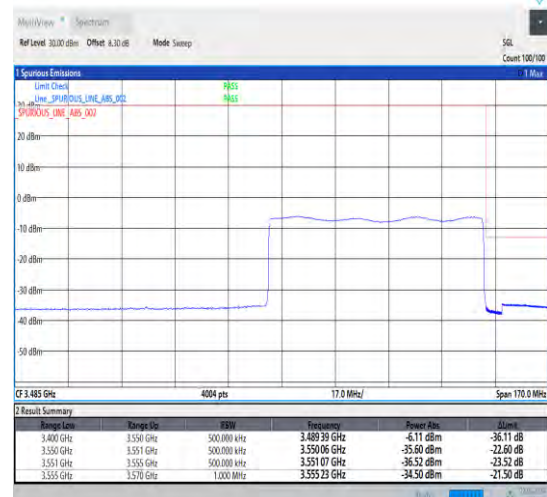
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B_Right-1@188-Ant0-1--PASS-see graph



1-N78-3450-3550-30-70-H-3-DFT-PI2BPSK-Outer
_Full-180@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-70-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@188-Ant0-1--PASS-see graph



1-N78-3450-3550-30-70-H-6-CP-QPSK-Outer_Full
-189@0-Ant0-1--PASS-see graph



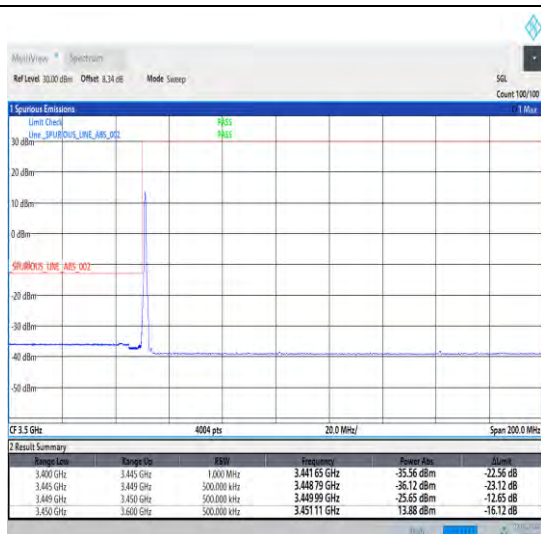
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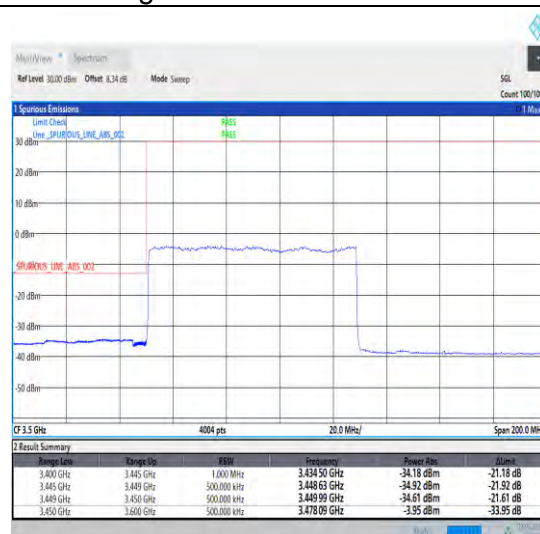
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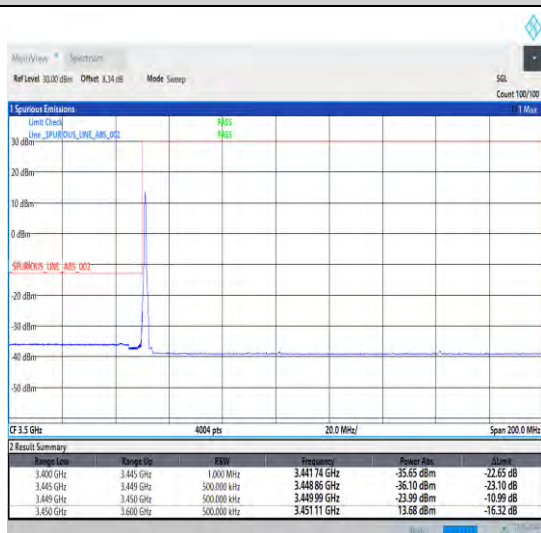
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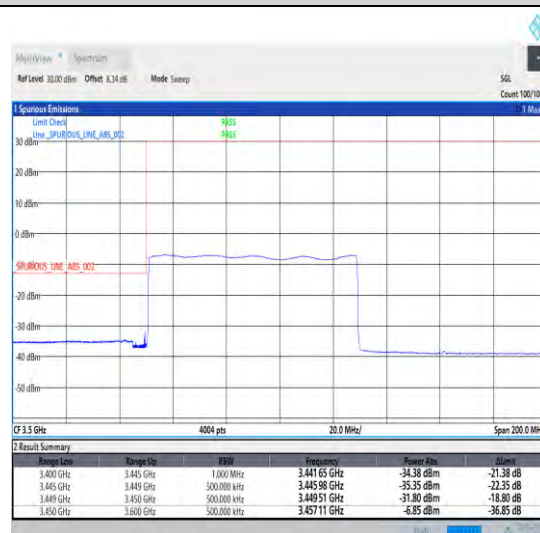
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1-N78-3450-3550-30-80-L-3-DFT-PI2BPSK-Outer
_Full-216@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-80-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-80-L-6-CP-QPSK-Outer_Full
-217@0-Ant0-1--PASS-see graph



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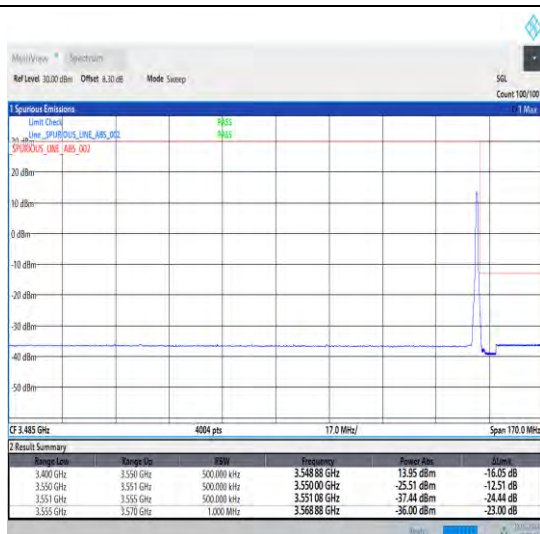
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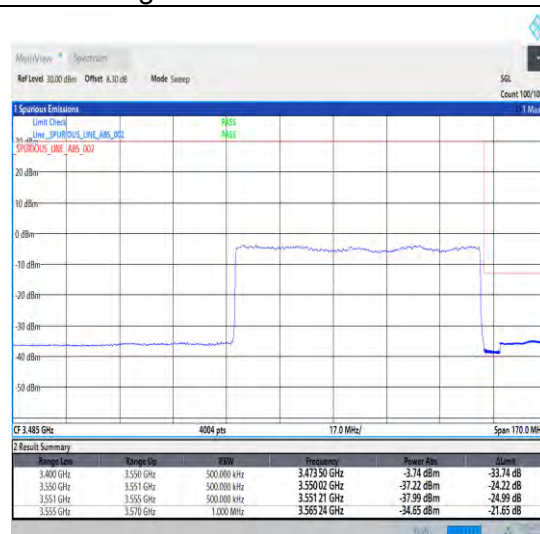
Report No.: SUCR240400008902

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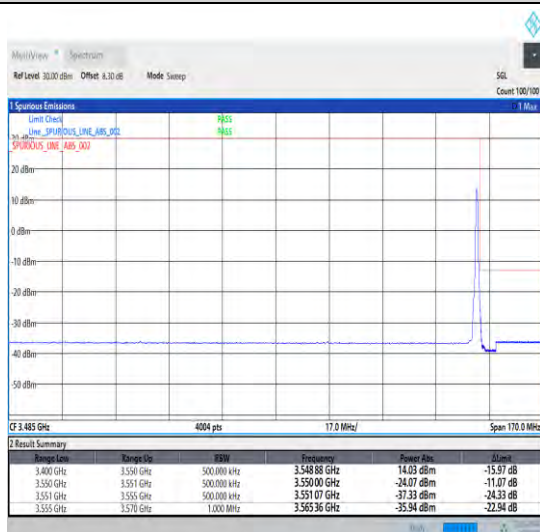
Page: 94 of 114



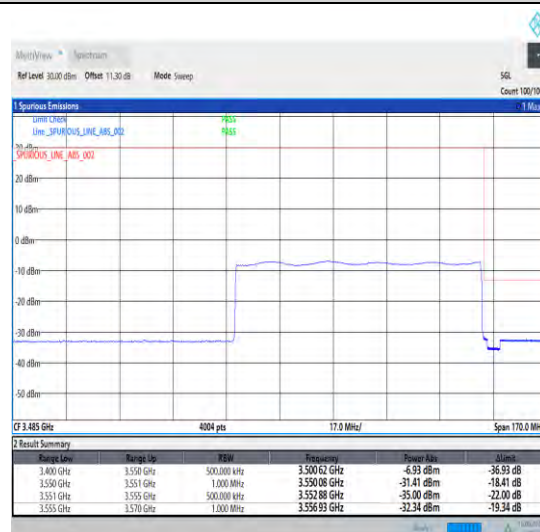
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1-N78-3450-3550-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-80-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@216-Ant0-1--PASS-see graph



1-N78-3450-3550-30-80-H-6-CP-QPSK-Outer_Full
-217@0-Ant0-1--PASS-see graph



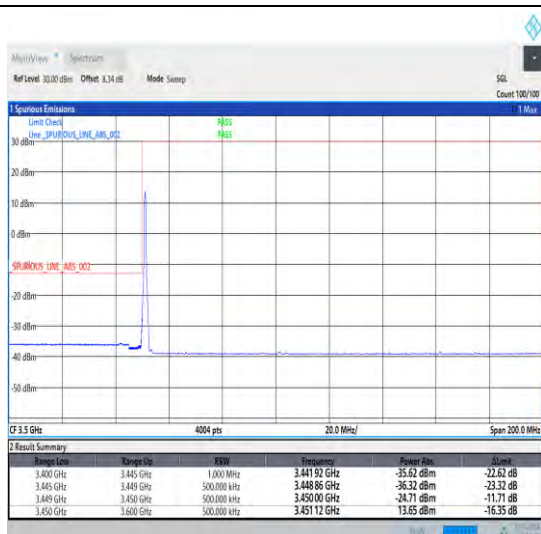
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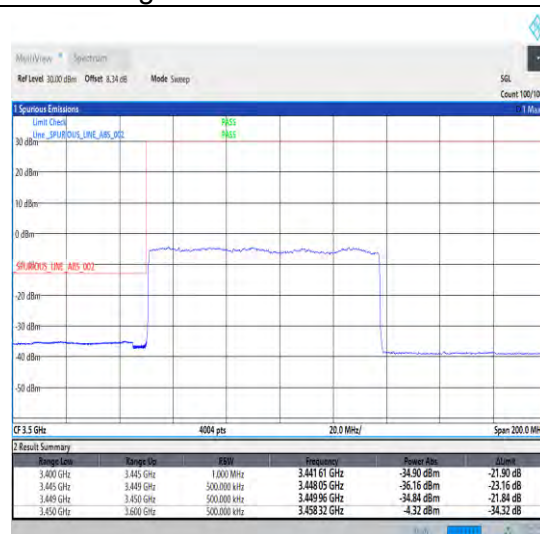
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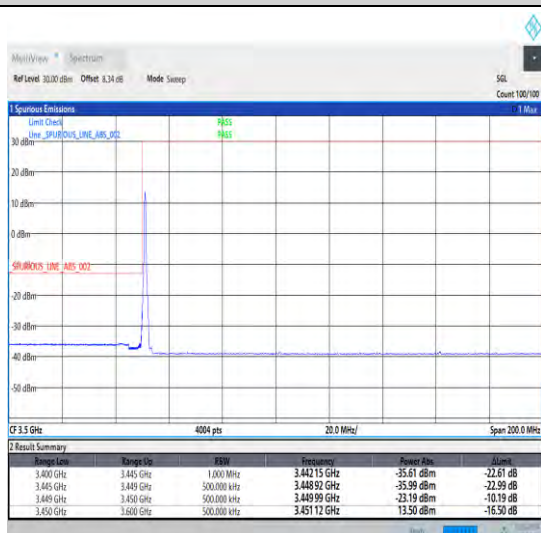
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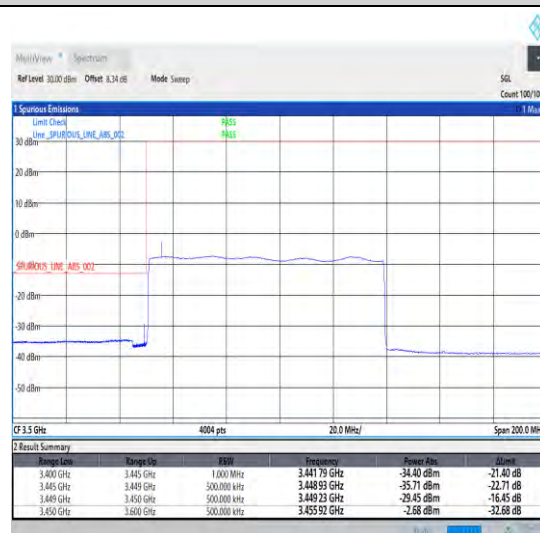
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1-N78-3450-3550-30-90-L-4-CP-QPSK-Edge_1RB_Lef t-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-90-L-6-CP-QPSK-Outer_Full -245@0-Ant0-1--PASS-see graph



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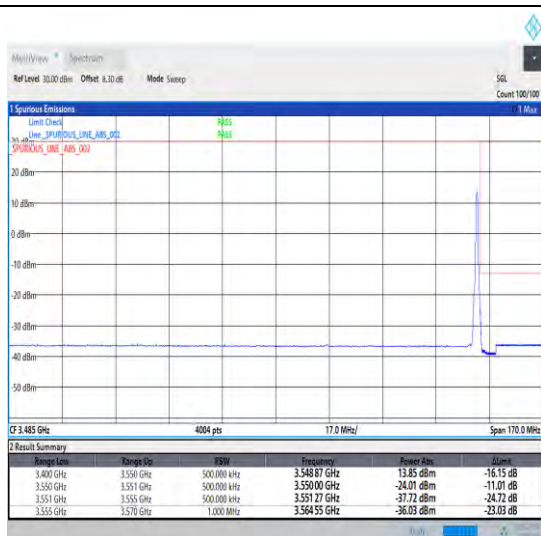
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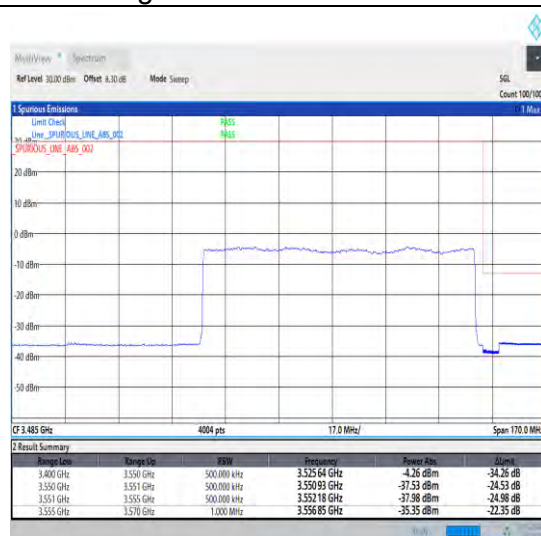
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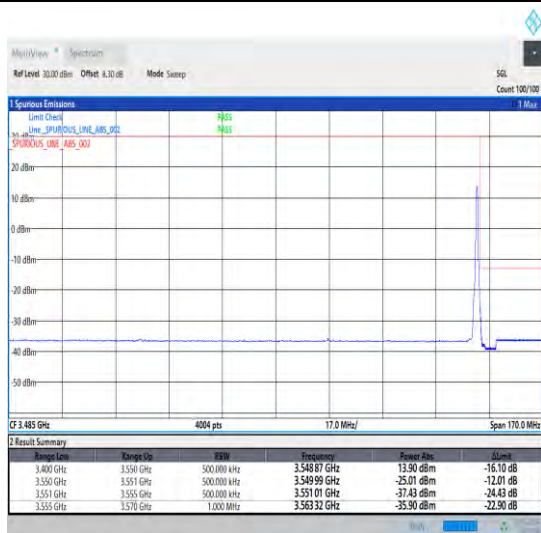
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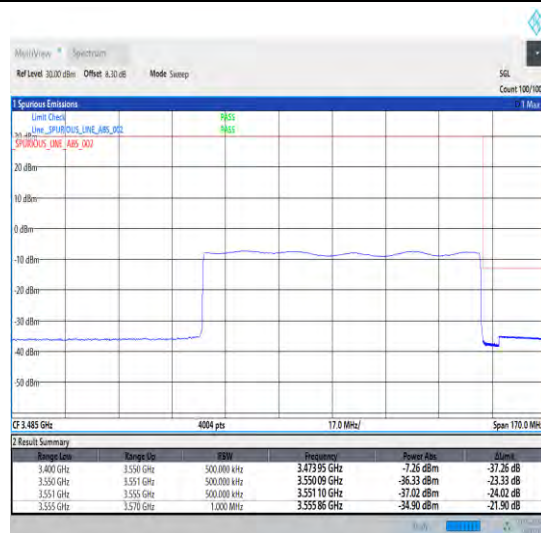
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1-N78-3450-3550-30-90-H-3-DFT-PI2BPSK-Outer
_Full-240@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-90-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@244-Ant0-1--PASS-see graph



1-N78-3450-3550-30-90-H-6-CP-QPSK-Outer_Full
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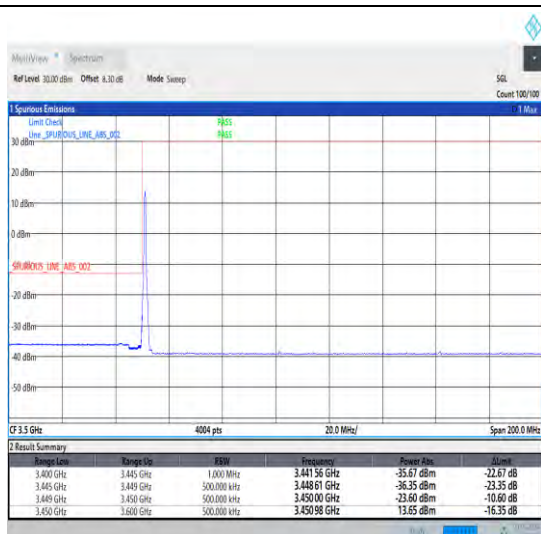
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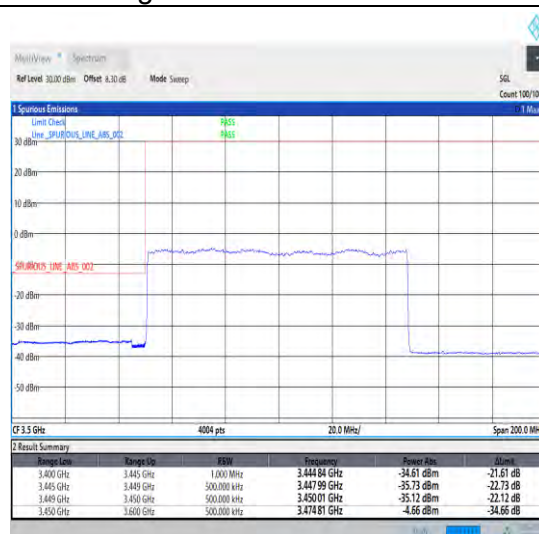
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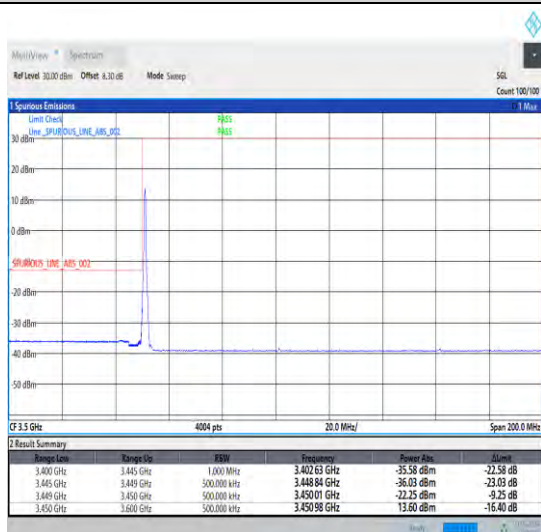
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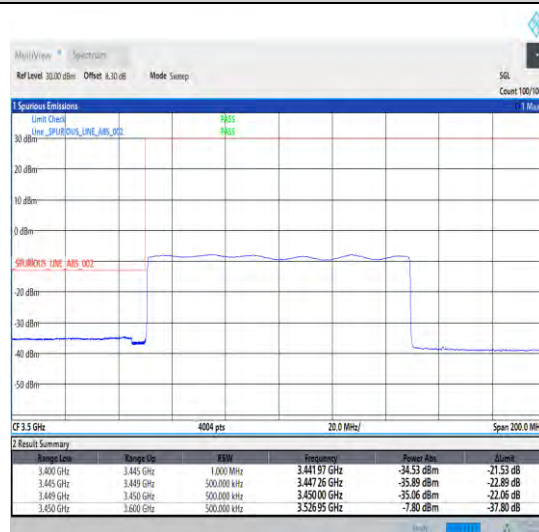
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1-N78-3450-3550-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N78-3450-3550-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph



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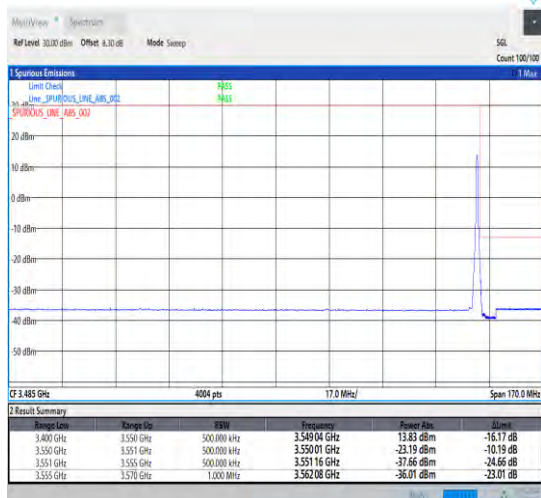
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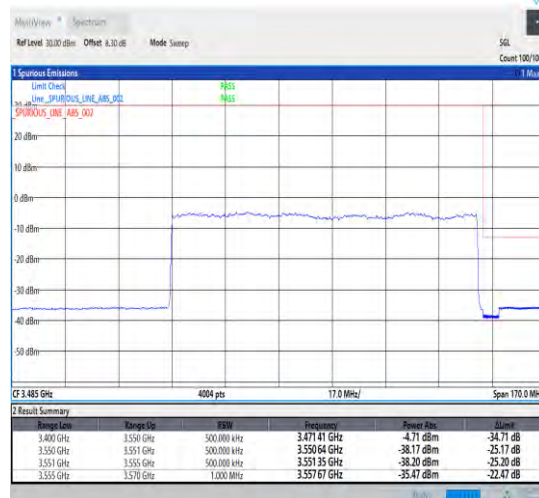
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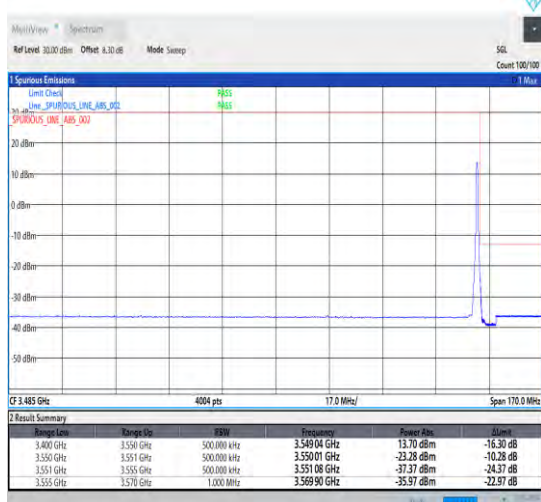
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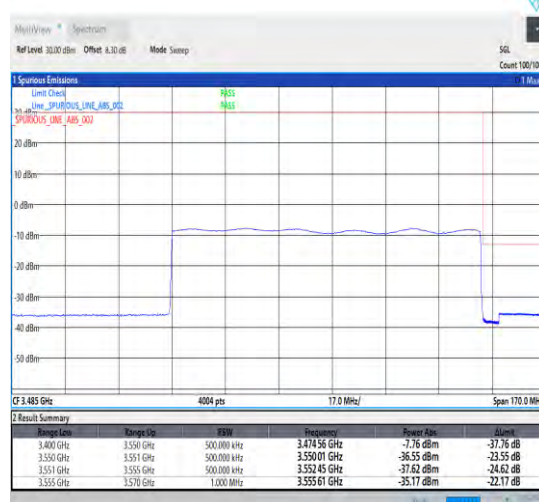
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1-N78-3450-3550-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant0-1--PASS-see graph



1-N78-3450-3550-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph



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Test Graphs

1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.01--85.43--43-PASS	1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-33-Ant0-29.46--81.29--33-PASS
1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant0-544.10--64.30--13-PASS	1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant0-2808.50--41.31--13-PASS



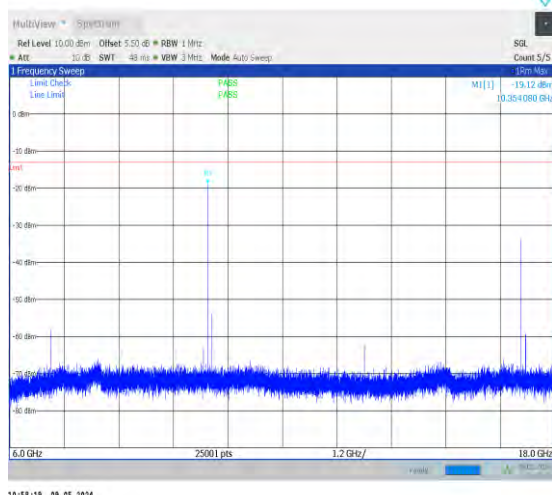
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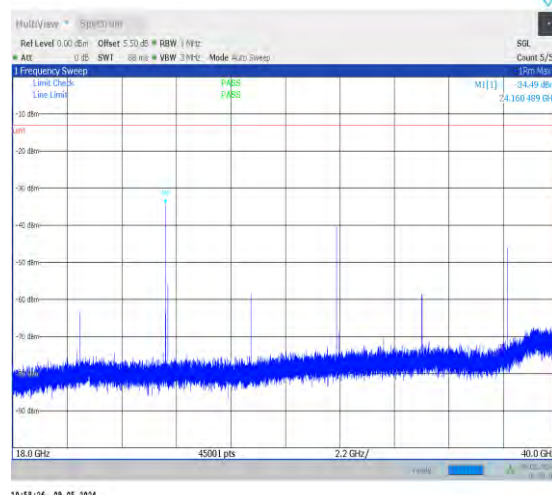
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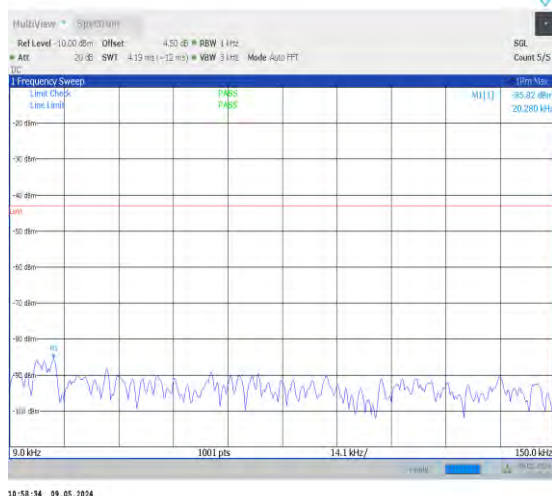
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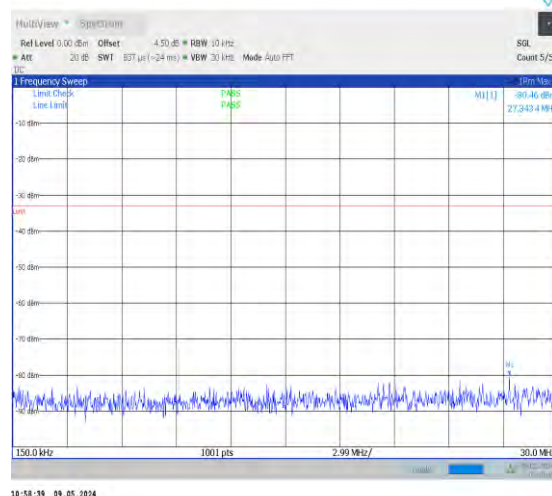
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1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant0-24160.49--34.49--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.02--85.82--43-PASS



1-N78-3450-3550-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-27.34--80.46--33-PASS



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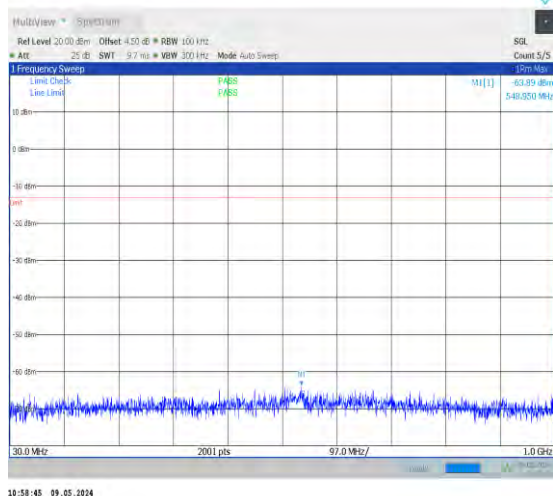
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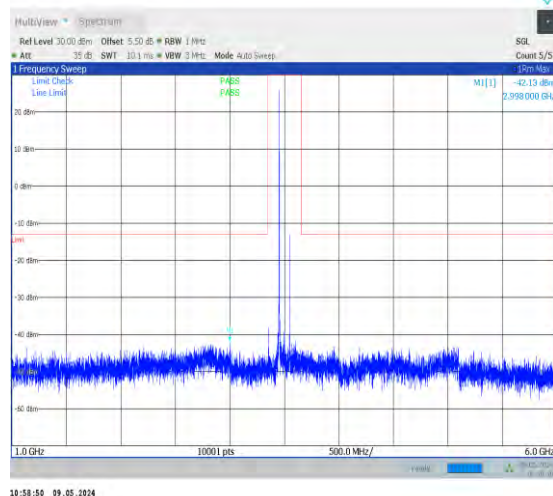
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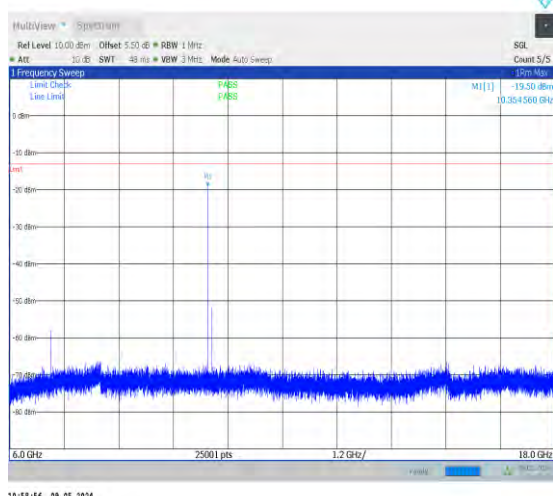
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3-PASS



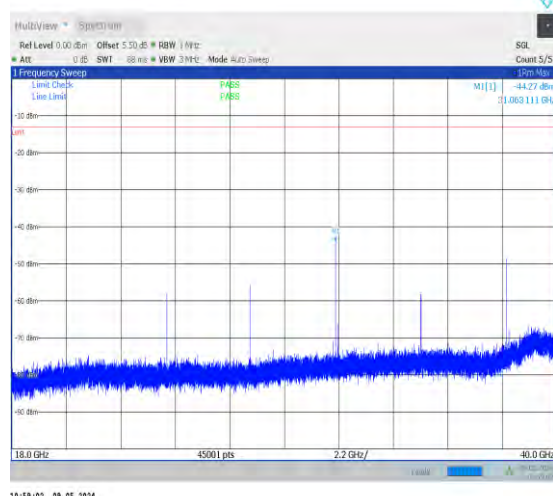
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9.50--13-PASS



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.27--13-PASS



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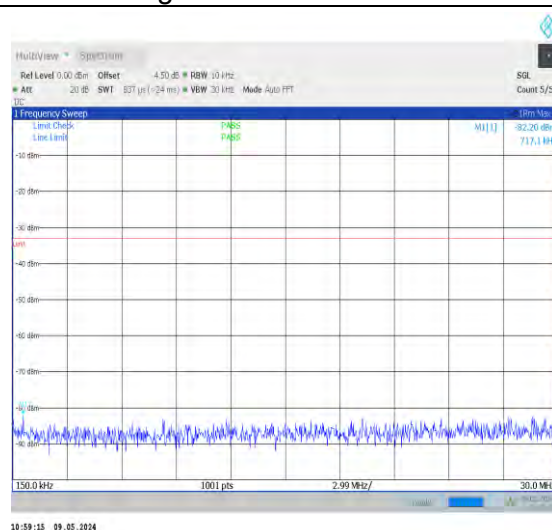
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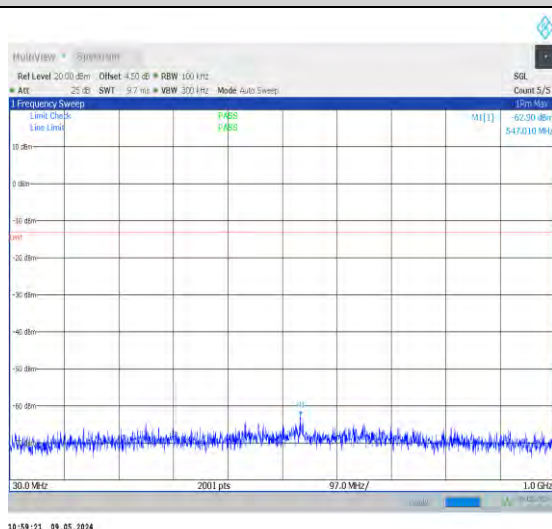
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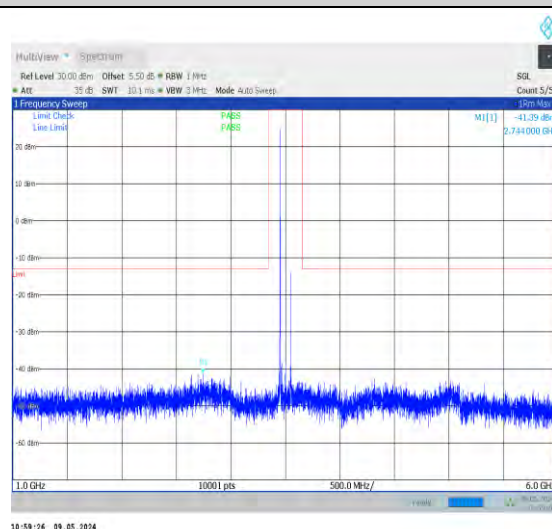
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-PASS



1-N78-3450-3550-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-0.15-30-Ant0-0.72--82.20--33-PA
SS



1-N78-3450-3550-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-30-1000-Ant0-547.01--62.90--13
-PASS



1-N78-3450-3550-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-1000-6000-Ant0-2744.00--41.39-
-13-PASS



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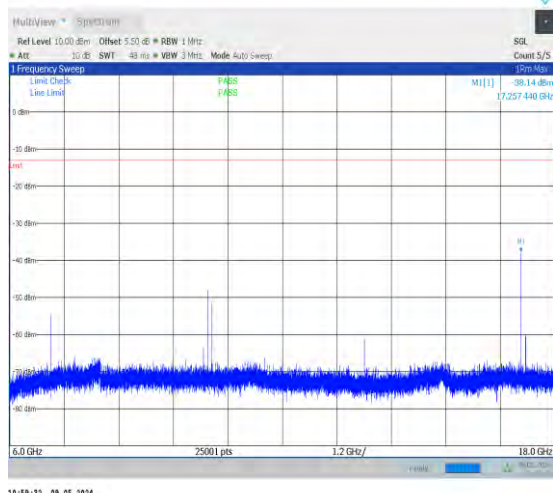
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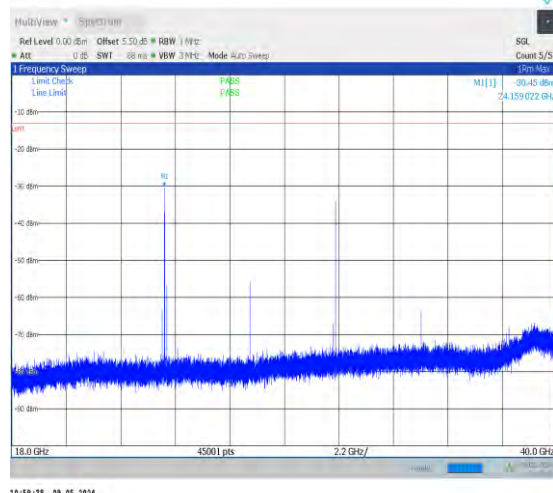
Report No.: SUCR240400008902

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1-N78-3450-3550-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-6000-18000-Ant0-17257.44--38.
14--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-18000-40000-Ant0-24159.02--30
.45--13-PASS



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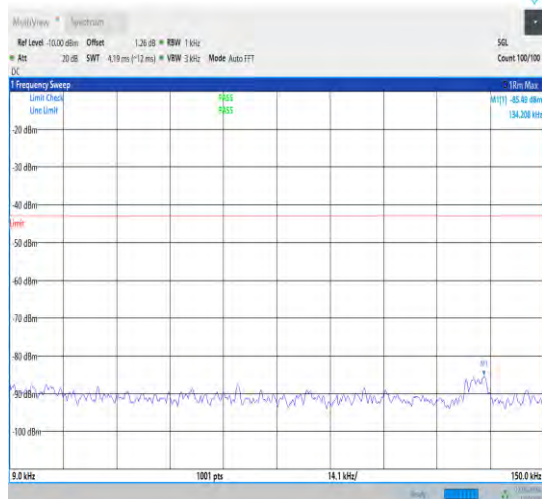
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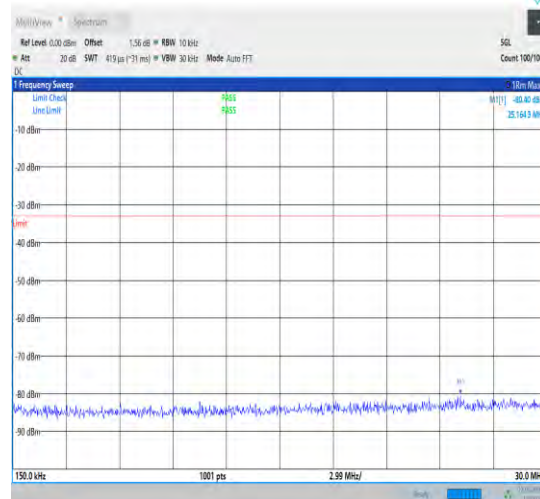
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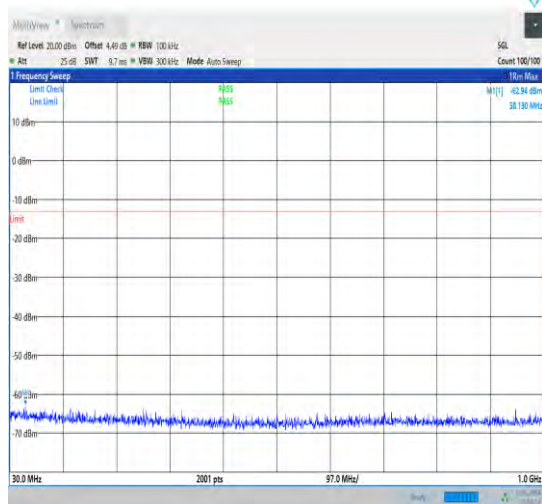
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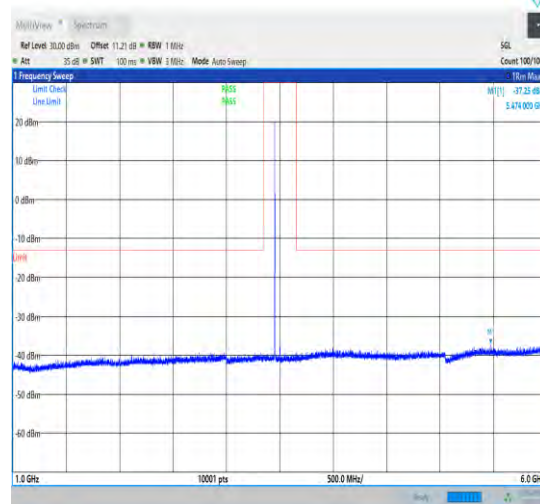
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1-N78-3450-3550-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-25.16--80.40--33-PASS



1-N78-3450-3550-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant0-58.13--62.94--13-PASS



1-N78-3450-3550-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant0-5474.00--37.25--13-PASS



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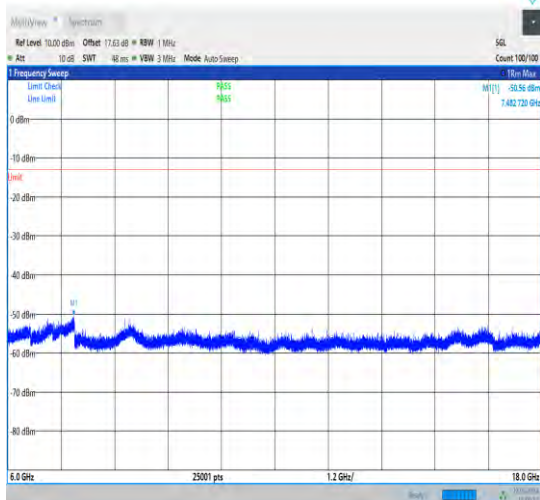
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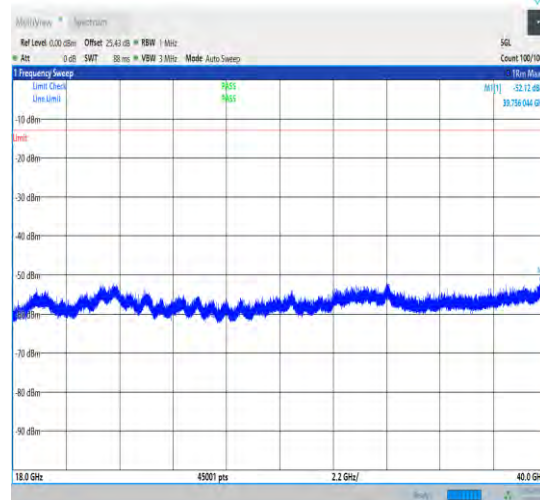
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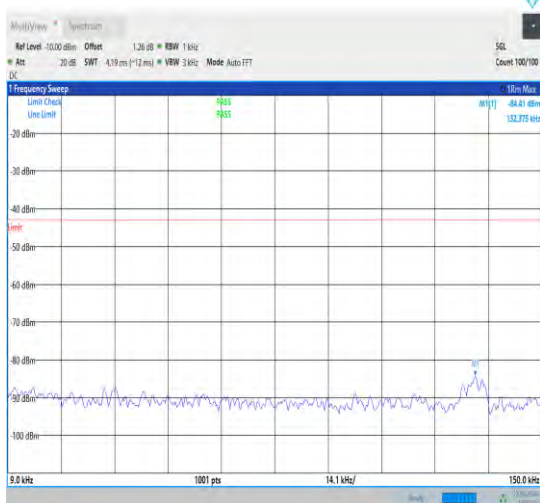
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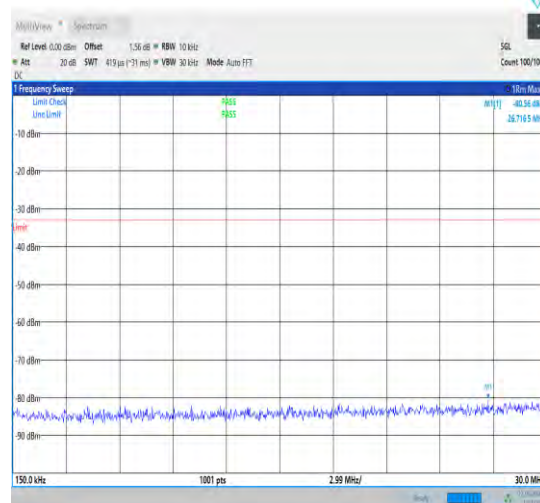
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1-N78-3450-3550-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant0-39756.04--52.12--1 3-PASS



1-N78-3450-3550-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.13--84.41--43-PASS



1-N78-3450-3550-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-26.72--80.56--33-PASS



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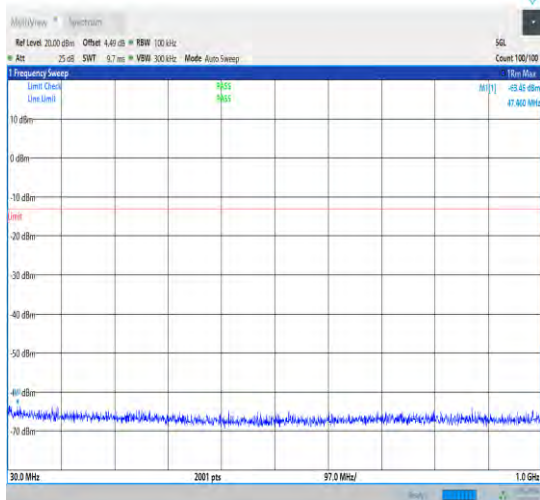
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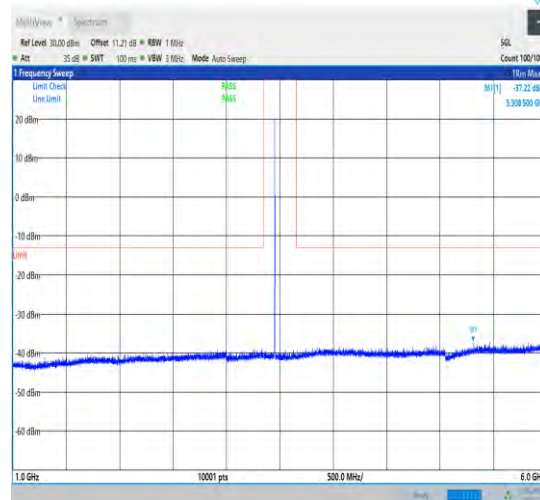
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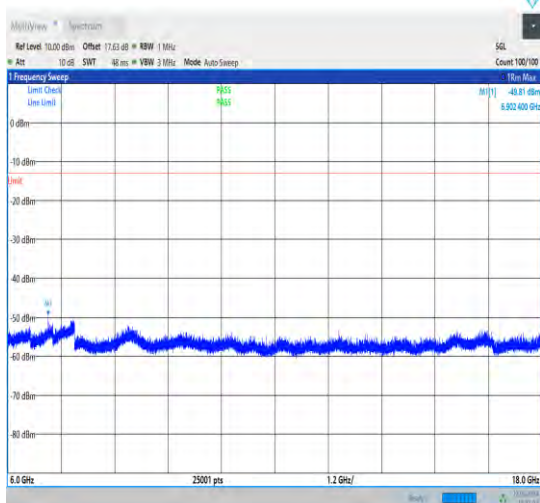
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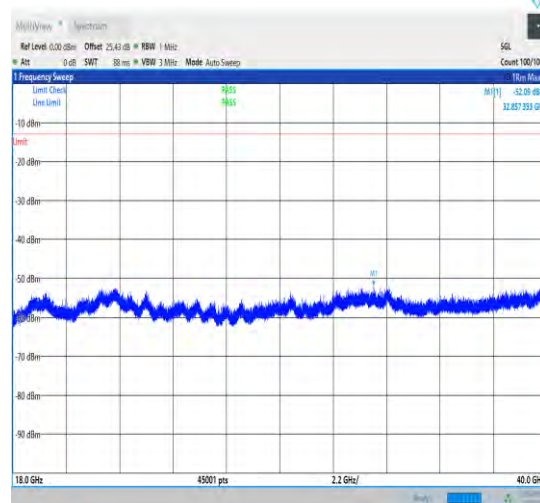
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S



1-N78-3450-3550-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant0-5308.50--37.22--13-PASS



1-N78-3450-3550-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant0-6902.40--49.81--13-PASS



1-N78-3450-3550-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant0-32857.33--52.09--13-PASS



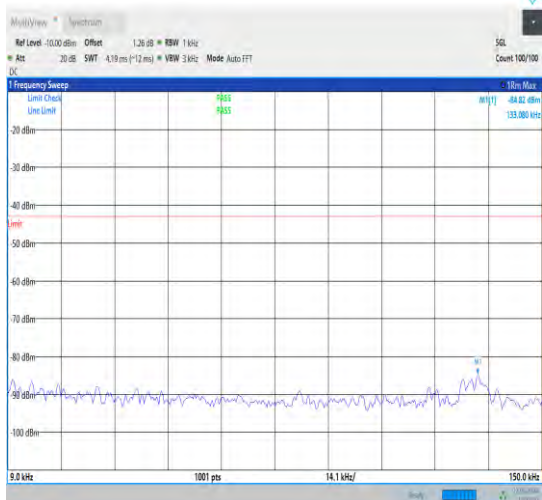
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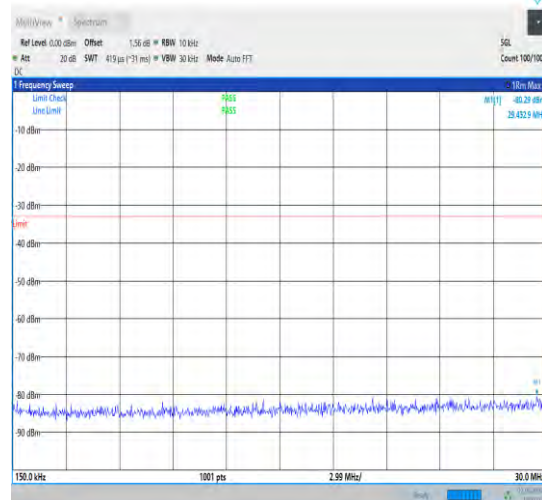
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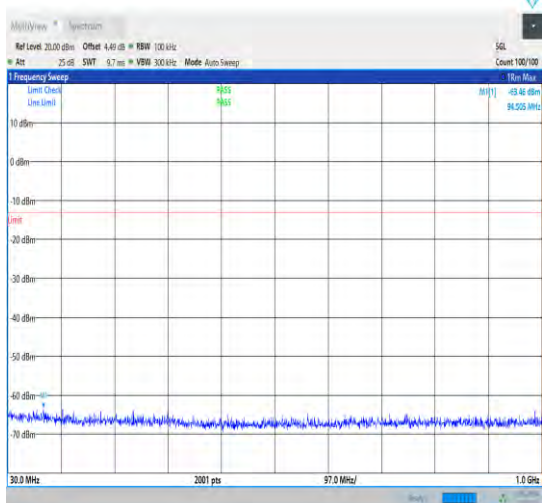
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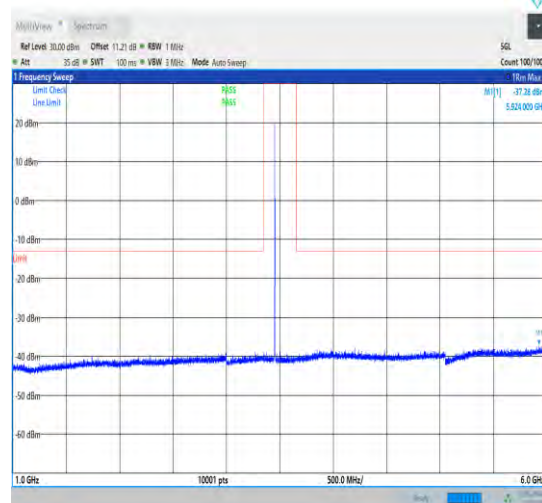
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1-N78-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-29.43--80.29--33-PASS



1-N78-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant0-94.51--63.46--13-PAS S



1-N78-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant0-5924.00--37.28--13-P ASS



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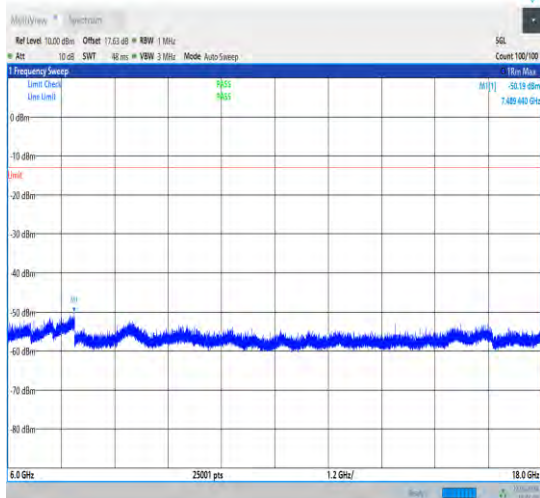
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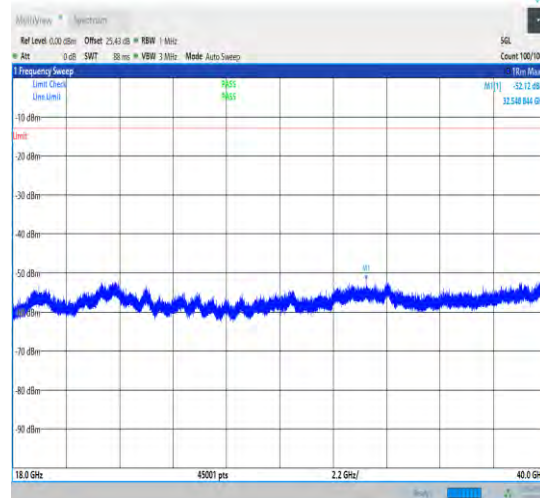
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3-PASS



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Field Strength of Spurious Radiation

For report SUCR240400009002:

Test Band = SA_N78(3450-3550)

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4947.5474	27.43	-15.30	33.20	-49.93	-13.00	36.93	Horizontal
2	6864.0432	50.41	-43.50	36.13	-52.22	-13.00	39.22	Horizontal
3	8539.927	49.25	-40.88	38.86	-48.03	-13.00	35.03	Horizontal
4	12602.1301	46.83	-36.12	39.40	-45.15	-13.00	32.15	Horizontal
5	15092.8546	47.73	-34.62	39.81	-42.34	-13.00	29.34	Horizontal
6	17989.7995	48.27	-38.07	42.74	-42.32	-13.00	29.32	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4985.0493	27.32	-15.26	33.13	-50.07	-13.00	37.07	Vertical
2	7916.4958	49.47	-42.01	37.43	-50.37	-13.00	37.37	Vertical
3	9528.1764	48.82	-39.49	39.14	-46.79	-13.00	33.79	Vertical
4	11847.8924	47.18	-36.71	39.71	-45.08	-13.00	32.08	Vertical
5	15077.2539	47.15	-34.45	39.82	-42.74	-13.00	29.74	Vertical
6	17884.1942	48.08	-37.50	42.07	-42.61	-13.00	29.61	Vertical



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Test Band = SA_N78(3450-3550) 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	1771.2386	28.86	-18.64	25.58	-59.46	-13.00	46.46	Horizontal
2	7084.2542	51.82	-43.47	36.71	-50.20	-13.00	37.20	Horizontal
3	8548.3274	49.30	-40.78	39.06	-47.68	-13.00	34.68	Horizontal
4	11451.8726	47.75	-36.99	39.60	-44.90	-13.00	31.90	Horizontal
5	15089.8545	47.41	-34.59	39.81	-42.63	-13.00	29.63	Horizontal
6	17674.7837	49.49	-37.34	41.40	-41.71	-13.00	28.71	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1767.9384	30.57	-18.65	25.57	-57.77	-13.00	44.77	Vertical
2	5046.5523	27.72	-15.08	33.38	-49.24	-13.00	36.24	Vertical
3	7894.2947	49.98	-41.86	37.37	-49.77	-13.00	36.77	Vertical
4	11439.272	47.96	-37.00	39.62	-44.68	-13.00	31.68	Vertical
5	15675.4838	47.32	-34.19	39.12	-43.01	-13.00	30.01	Vertical
6	17984.9992	48.80	-38.02	42.71	-41.77	-13.00	28.77	Vertical



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = NSA_B12+N78(3450-3550)
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1410.5	30.15	-19.10	25.78	-58.43	-13.00	45.43	Horizontal
2	2115.5	32.35	-18.09	27.47	-53.53	-13.00	40.53	Horizontal
3	7265	50.89	-43.22	37.17	-50.42	-13.00	37.42	Horizontal
4	10336.5	48.98	-38.35	38.66	-45.97	-13.00	32.97	Horizontal
5	13997.5	47.36	-35.09	40.50	-42.49	-13.00	29.49	Horizontal
6	17973.5	48.98	-37.91	42.64	-41.55	-13.00	28.55	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1767	26.21	-18.65	25.57	-62.13	-13.00	49.13	Vertical
2	5044	26.98	-12.33	33.36	-47.25	-13.00	34.25	Vertical
3	6902.5	52.44	-43.34	36.21	-49.95	-13.00	36.95	Vertical
4	10353	50.70	-38.24	38.65	-44.15	-13.00	31.15	Vertical
5	13437.5	46.76	-35.21	40.23	-43.48	-13.00	30.48	Vertical
6	17990.5	49.42	-38.08	42.74	-41.18	-13.00	28.18	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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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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For report SUCR240400008902:
Test Band = SA Band 78 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]	Polarity
1	6902.0208	37.32	-38.19	35.96	-60.17	-13.00	47.17	Horizontal
2	9515.3958	34.27	-33.85	37.75	-57.08	-13.00	44.08	Horizontal
3	11488.125	30.15	-30.03	38.40	-56.74	-13.00	43.74	Horizontal
4	13637.6667	31.01	-28.94	40.05	-53.14	-13.00	40.14	Horizontal
5	15505.4583	29.34	-26.93	39.14	-53.71	-13.00	40.71	Horizontal
6	17821.2708	28.46	-23.95	40.87	-49.88	-13.00	36.88	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6902.0208	37.63	-38.19	35.96	-59.86	-13.00	46.86	Vertical
2	9514.4375	34.17	-33.85	37.75	-57.19	-13.00	44.19	Vertical
3	10352.9792	32.63	-31.79	38.08	-56.34	-13.00	43.34	Vertical
4	12091.875	30.57	-29.38	38.51	-55.56	-13.00	42.56	Vertical
5	14363.125	30.10	-28.96	40.23	-53.90	-13.00	40.90	Vertical
6	17770	29.00	-23.94	40.75	-49.45	-13.00	36.45	Vertical



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Test Band = UL MIMO SA Band 78 3450-3550_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6942.2708	35.25	-38.28	35.98	-62.31	-13.00	49.31	Horizontal
2	8943.2708	33.74	-34.96	37.57	-58.91	-13.00	45.91	Horizontal
3	11218.8333	30.19	-30.24	38.40	-56.91	-13.00	43.91	Horizontal
4	13586.3958	31.10	-28.88	40.01	-53.03	-13.00	40.03	Horizontal
5	16367.9583	30.36	-26.71	38.46	-53.15	-13.00	40.15	Horizontal
6	17771.4375	28.73	-23.93	40.75	-49.70	-13.00	36.70	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6902.0208	39.51	-38.19	35.96	-57.98	-13.00	44.98	Vertical
2	7942.7708	35.29	-36.73	37.04	-59.65	-13.00	46.65	Vertical
3	10353.4583	35.07	-31.79	38.08	-53.90	-13.00	40.90	Vertical
4	12160.875	30.61	-29.71	38.59	-55.77	-13.00	42.77	Vertical
5	15074.6875	30.21	-28.64	39.96	-53.73	-13.00	40.73	Vertical
6	17960.7083	28.99	-24.57	41.21	-49.63	-13.00	36.63	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	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	-0.100000	-0.000029	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.800000	0.000229	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	3.300000	0.000943	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-4.400000	-0.001257	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	2.300000	0.000657	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-0.900000	-0.000257	PASS

Frequency Error VS. Temperature

Temperature										
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	50	6.400000	0.001829	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	8.300000	0.002371	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.000000	-0.000286	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.500000	-0.001571	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	0.900000	0.000257	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	0.700000	0.000200	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.600000	-0.000743	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	3.400000	0.000971	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	1.300000	0.000371	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-3.900000	-0.001114	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	3.500000	0.001000	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	1.700000	0.000486	PASS

---End of Attachment---



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