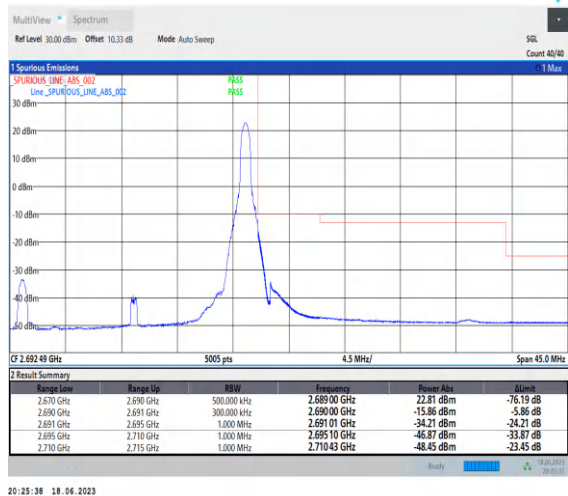


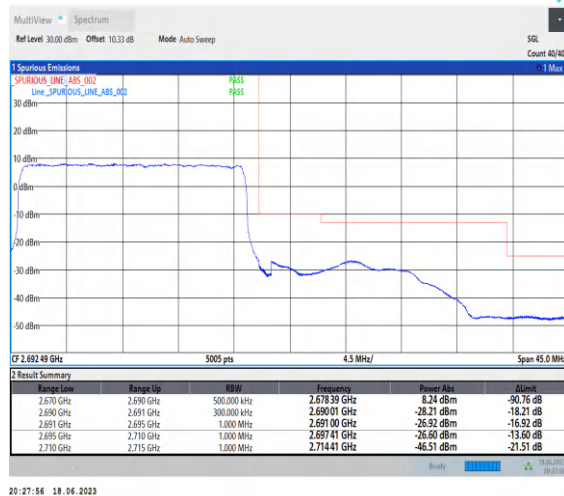
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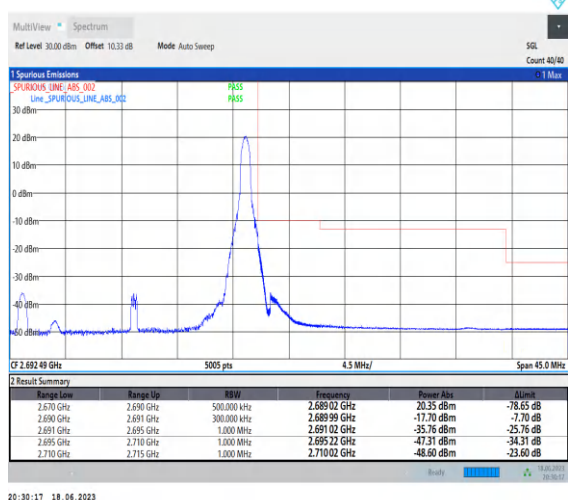
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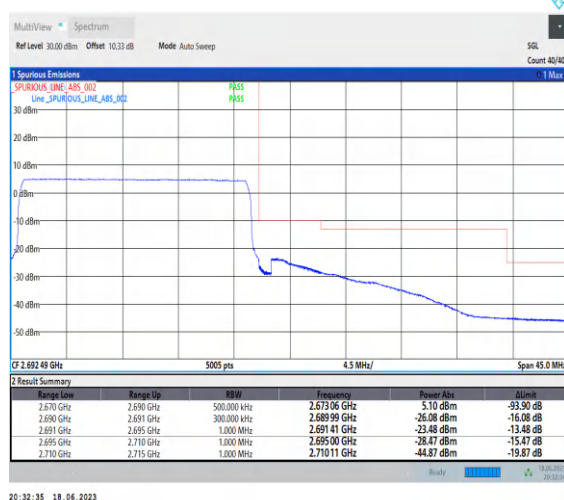
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1-N41-PC3-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant0-1--PASS-see graph



1-N41-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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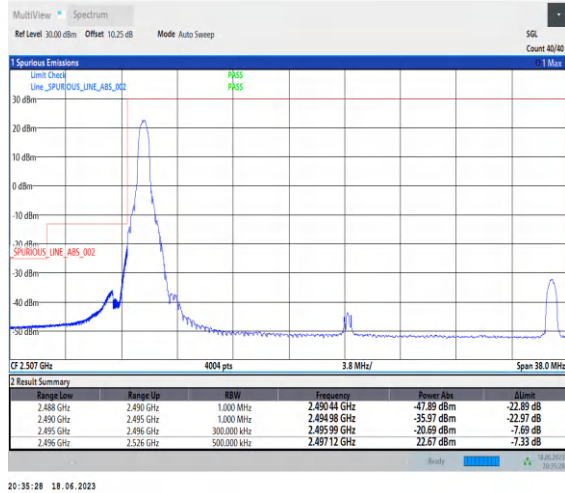
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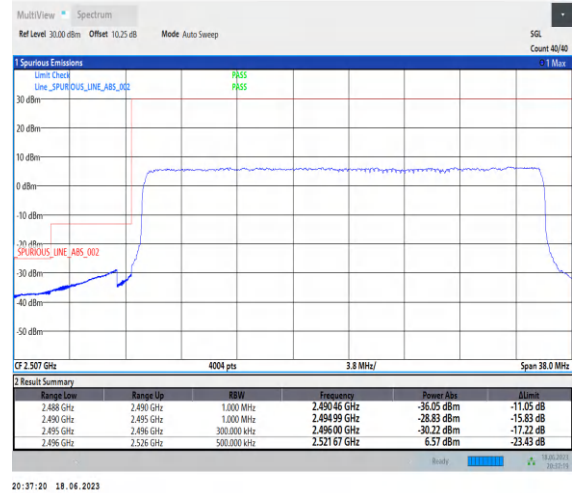
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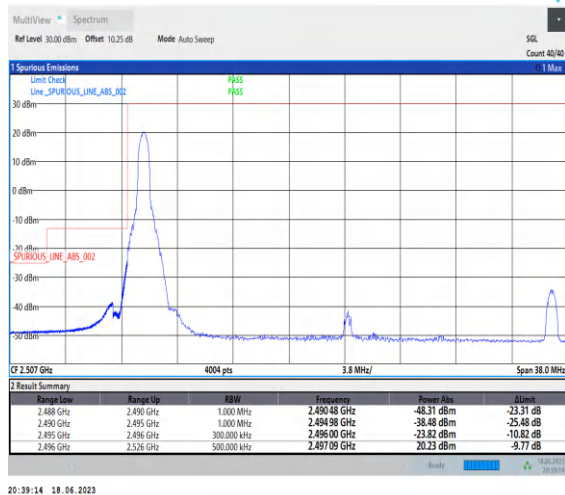
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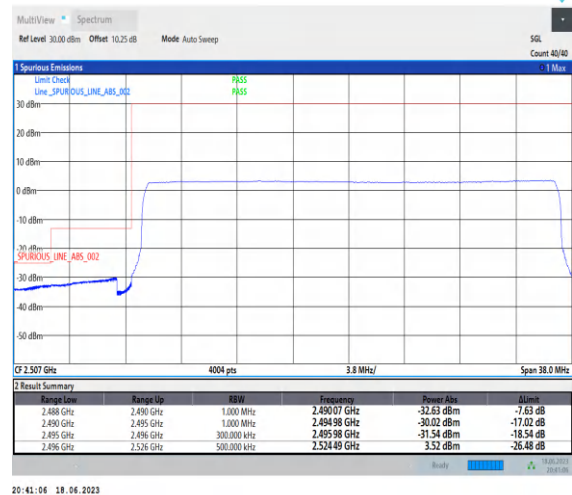
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1-N41-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant0-1--PASS-see graph



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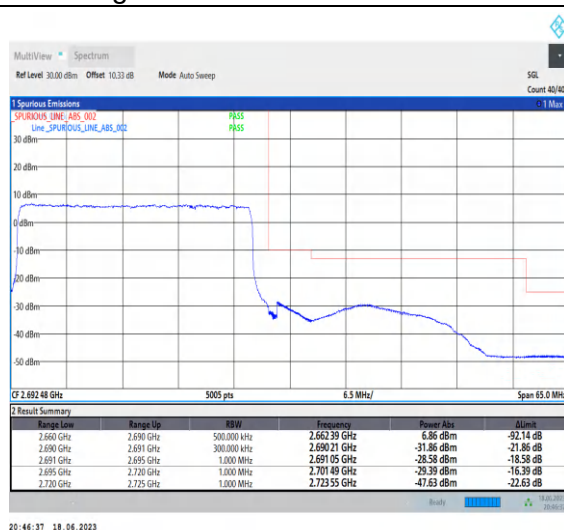
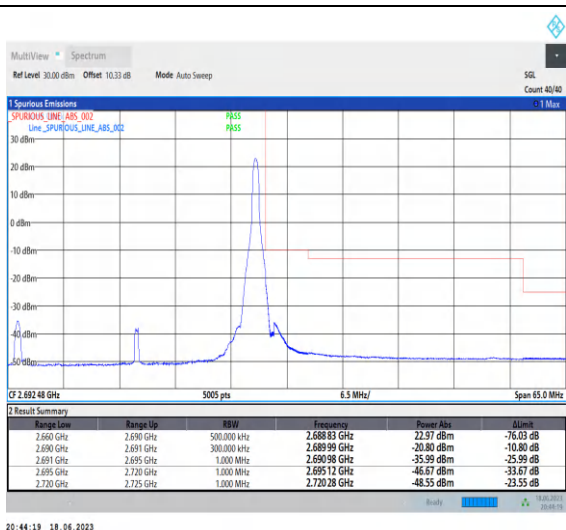
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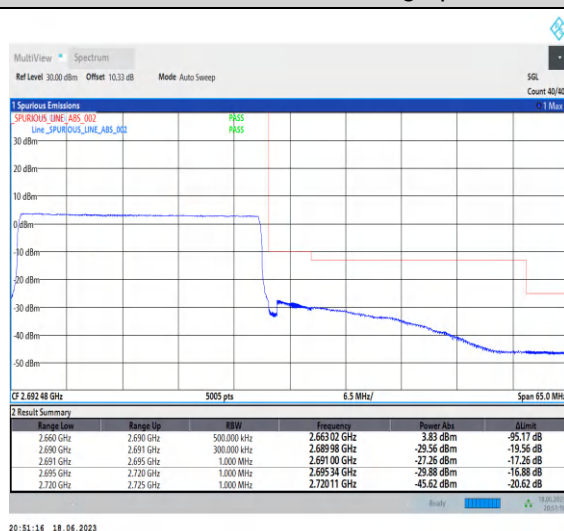
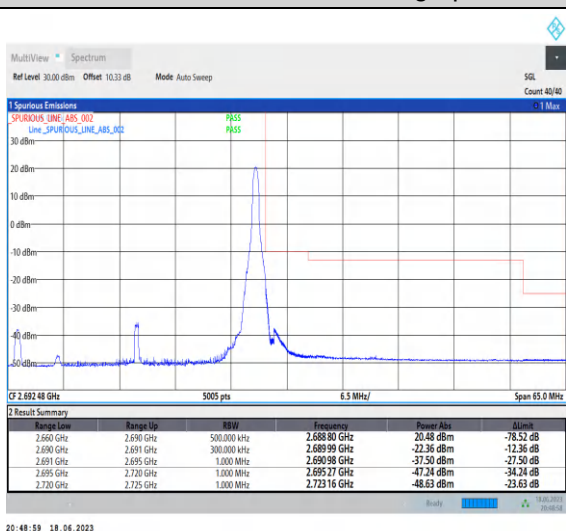
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Page: 101 of 145



1-N41-PC3-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@77-Ant0-1--PASS-see graph

1-N41-PC3-30-30-H-3-DFT-PI2BPSK-Outer_Full-7 5@0-Ant0-1--PASS-see graph



1-N41-PC3-30-30-H-5-CP-QPSK-Edge_1RB_Right-1 @77-Ant0-1--PASS-see graph

1-N41-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@ 0-Ant0-1--PASS-see graph



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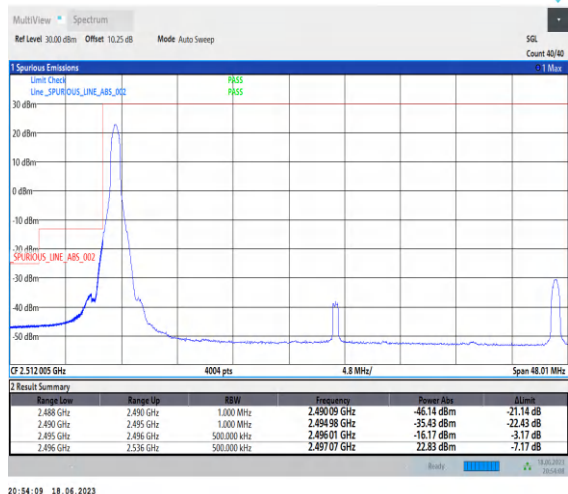
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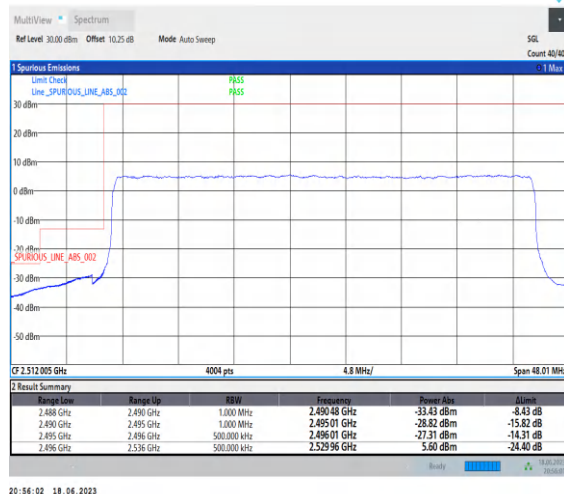
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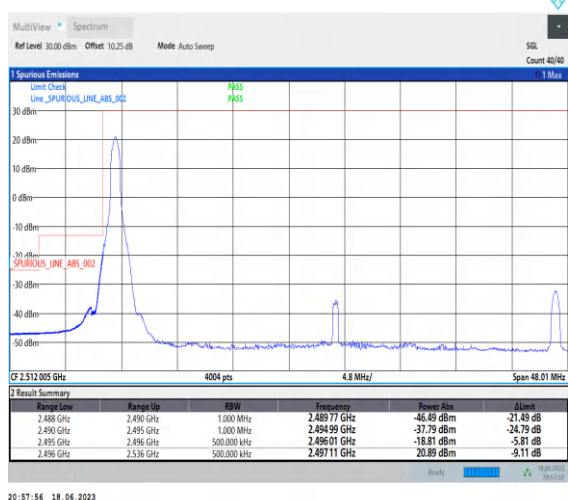
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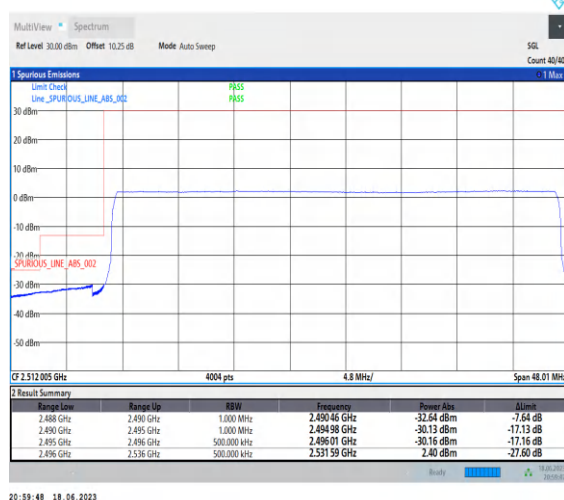
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1-N41-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



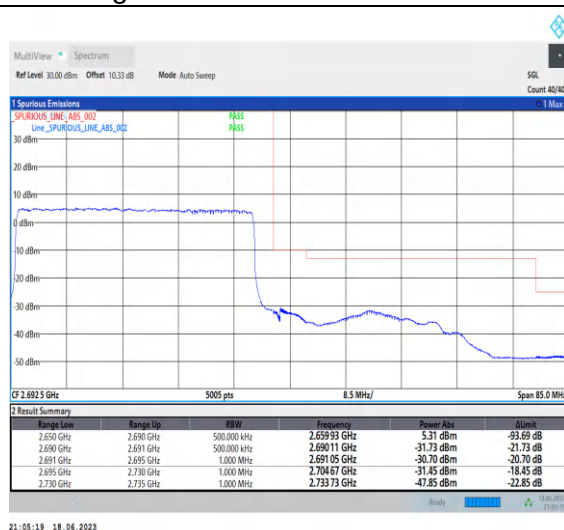
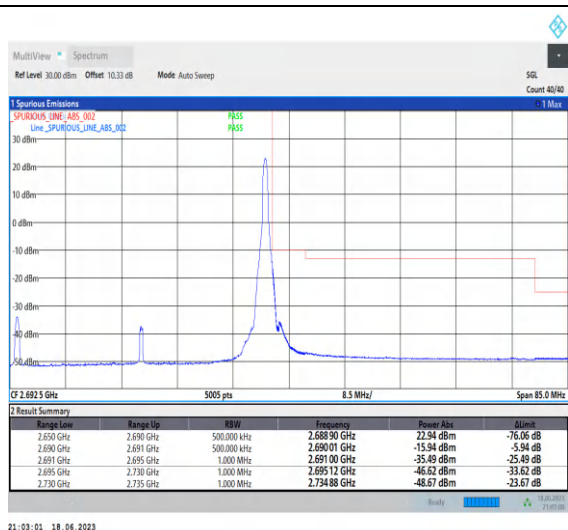
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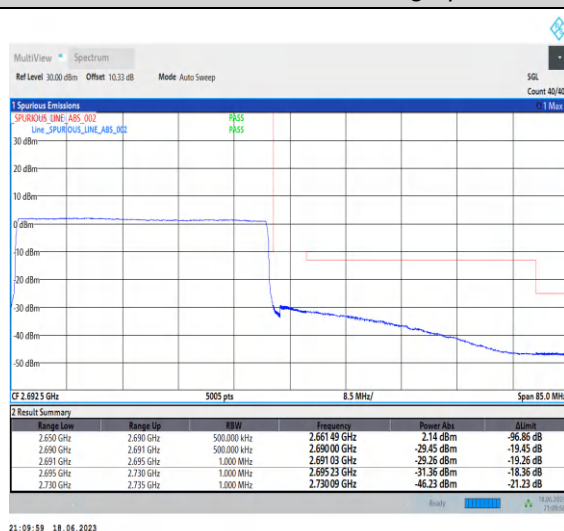
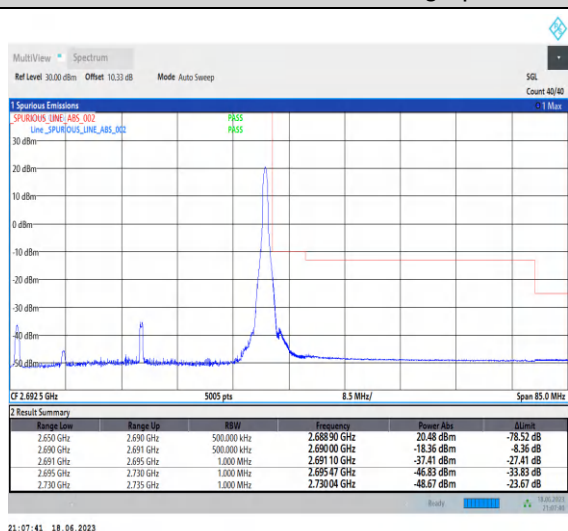
Rev.: 01

Page: 103 of 145



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1-N41-PC3-30-40-H-3-DFT-PI2BPSK-Outer_Full-1 00@0-Ant0-1--PASS-see graph



1-N41-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Right-1 @105-Ant0-1--PASS-see graph

1-N41-PC3-30-40-H-6-CP-QPSK-Outer_Full-106 @0-Ant0-1--PASS-see graph



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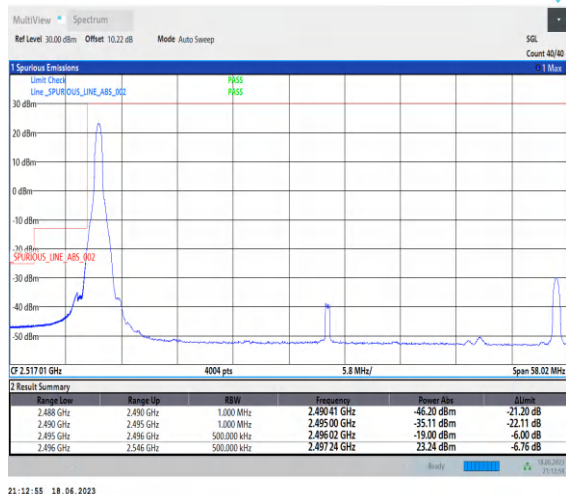
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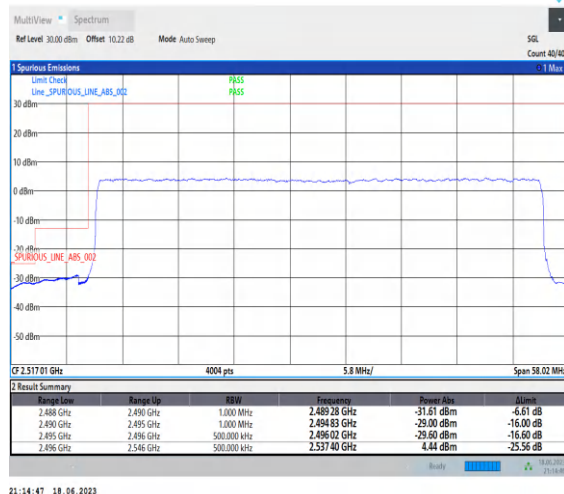
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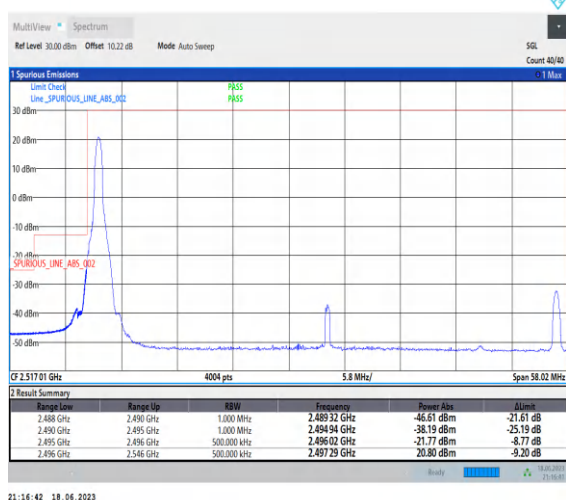
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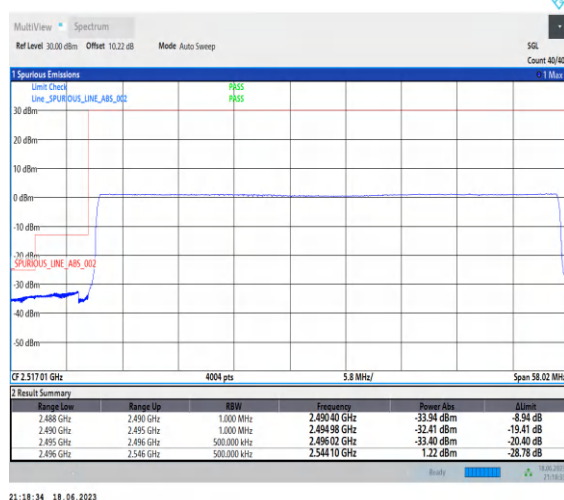
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1-N41-PC3-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph



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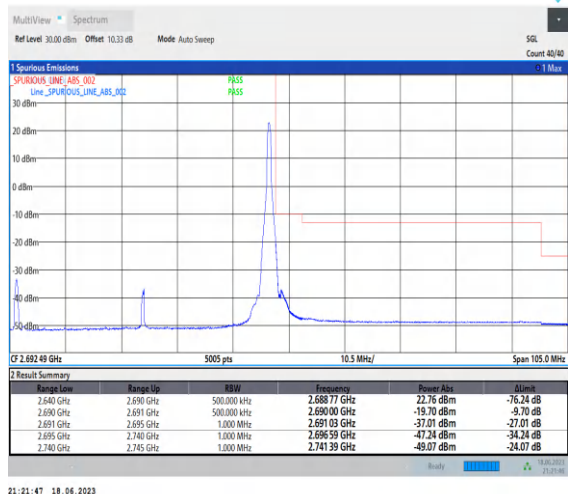
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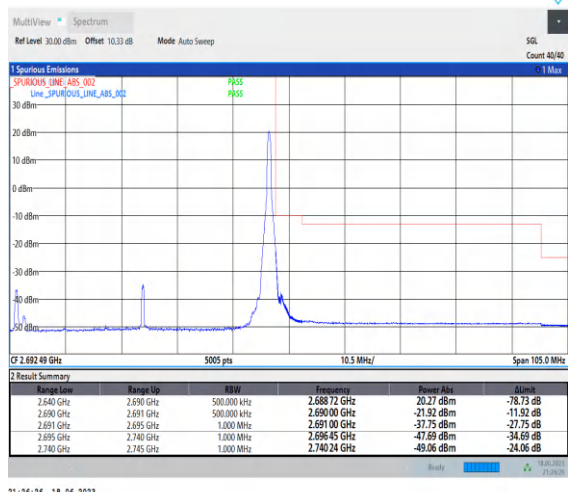
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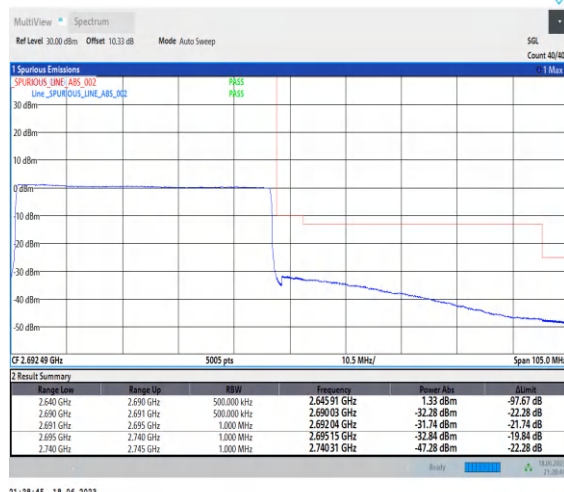
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21:26:26 18.06.2023

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21:28:45 18.06.2023

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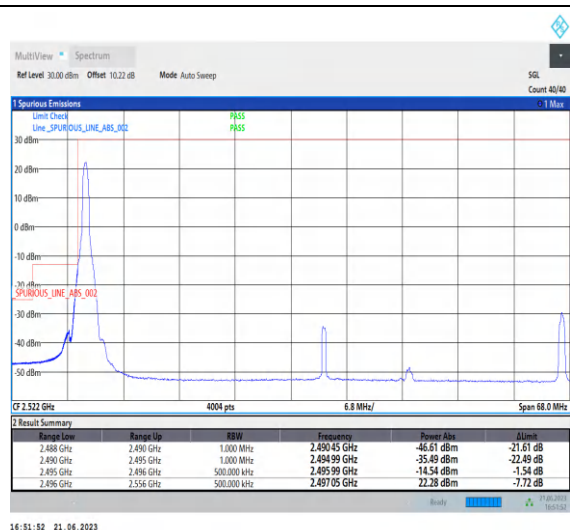
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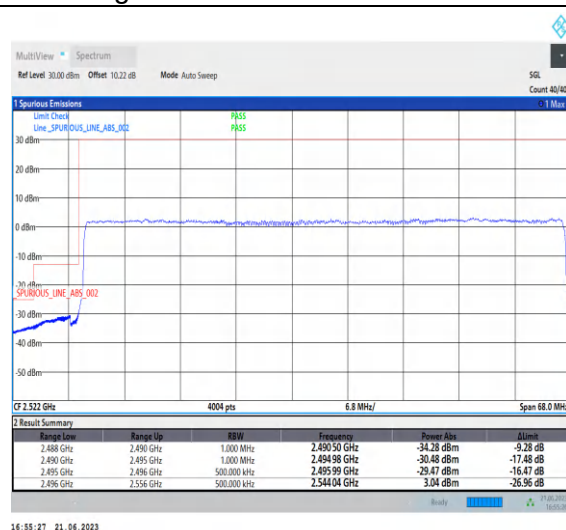
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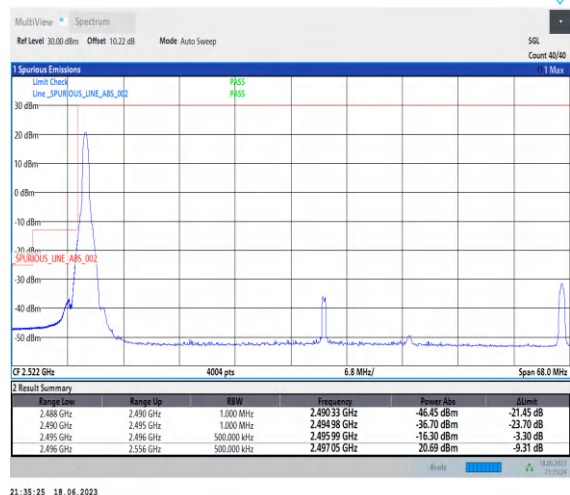
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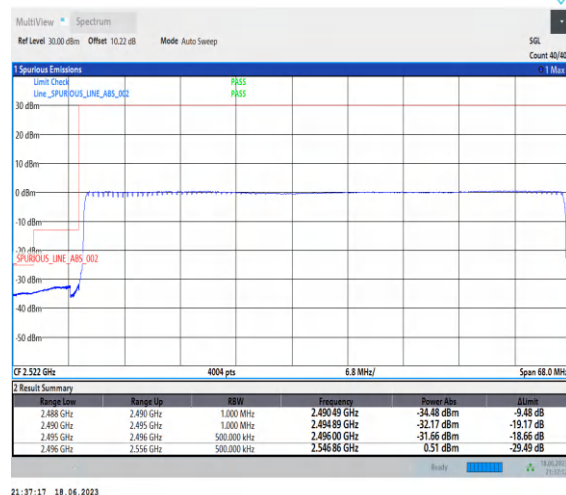
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62@0-Ant0-1--PASS-see graph



1-N41-PC3-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0
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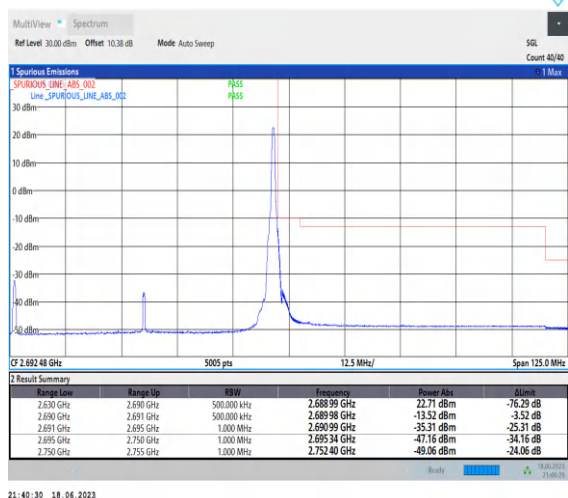


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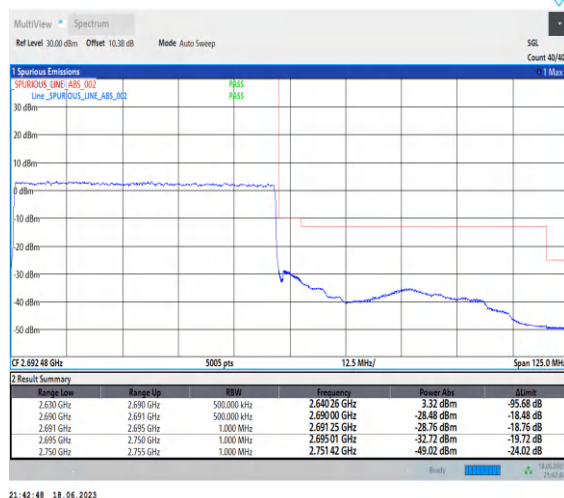
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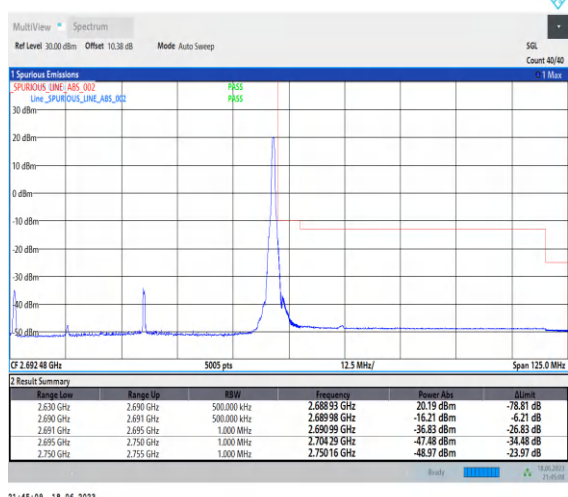
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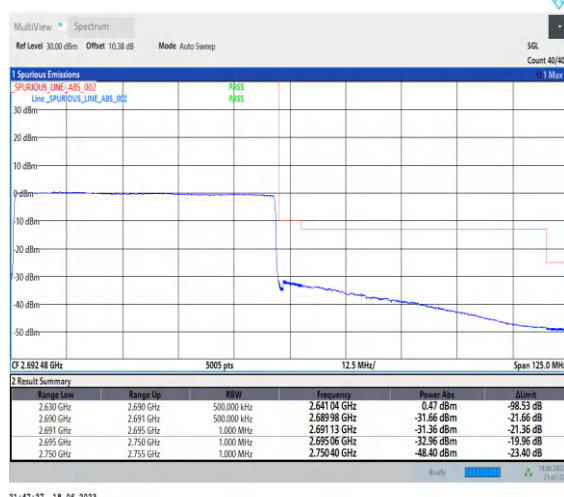
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1-N41-PC3-30-60-H-3-DFT-PI2BPSK-Outer_Full-1 62@0-Ant0-1--PASS-see graph



1-N41-PC3-30-60-H-5-CP-QPSK-Edge_1RB_Right-1 @161-Ant0-1--PASS-see graph



1-N41-PC3-30-60-H-6-CP-QPSK-Outer_Full-162 @0-Ant0-1--PASS-see graph

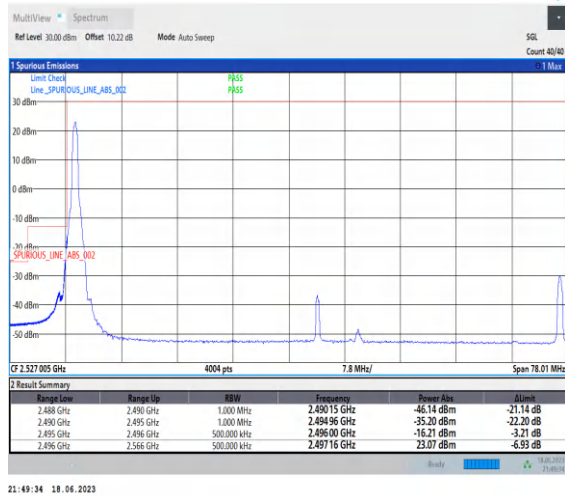


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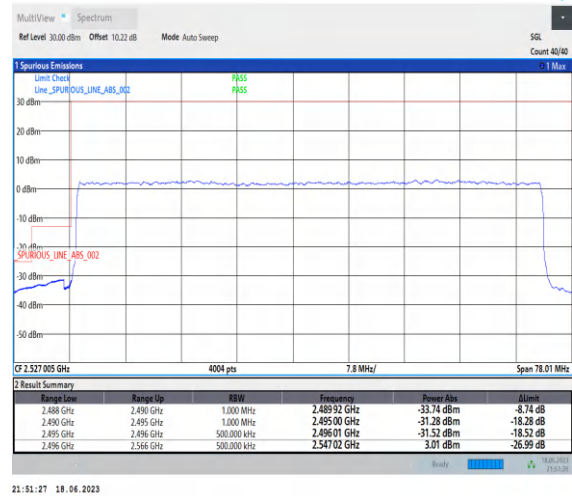
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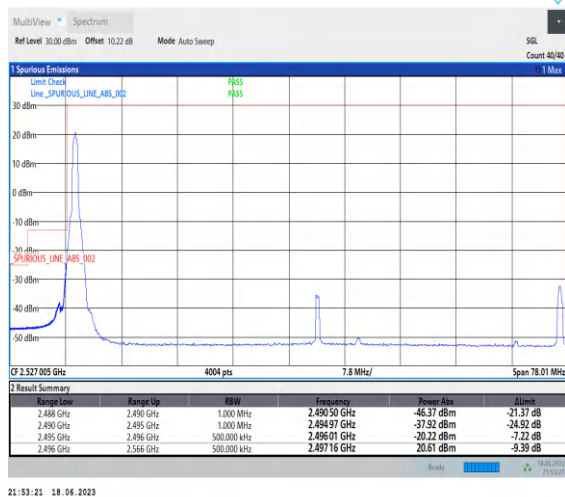
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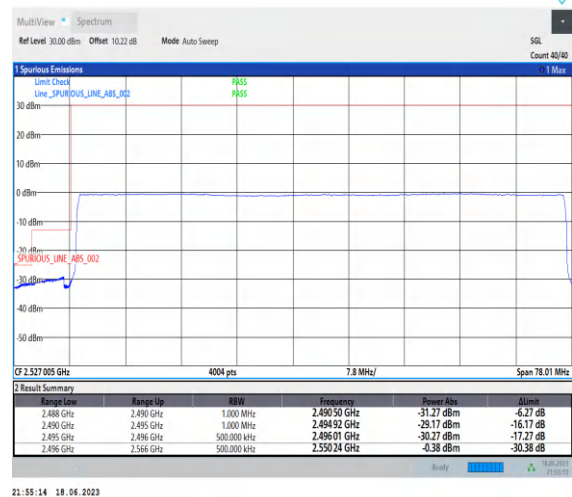
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1-N41-PC3-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph

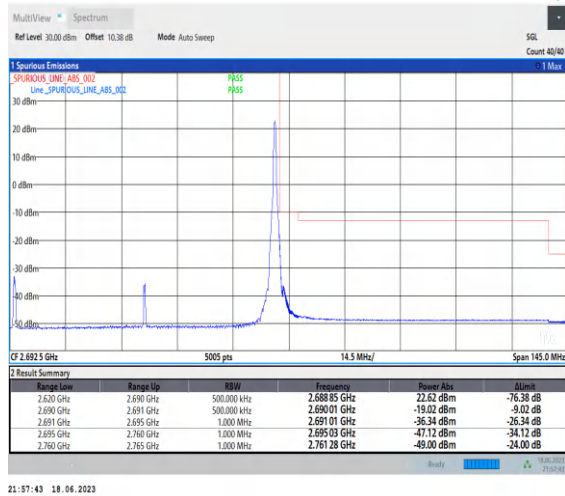


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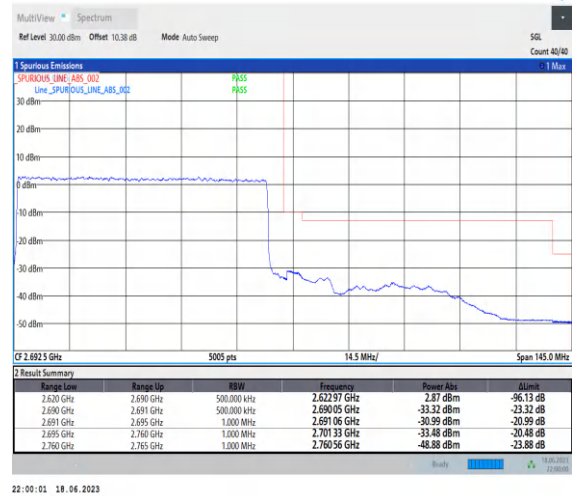
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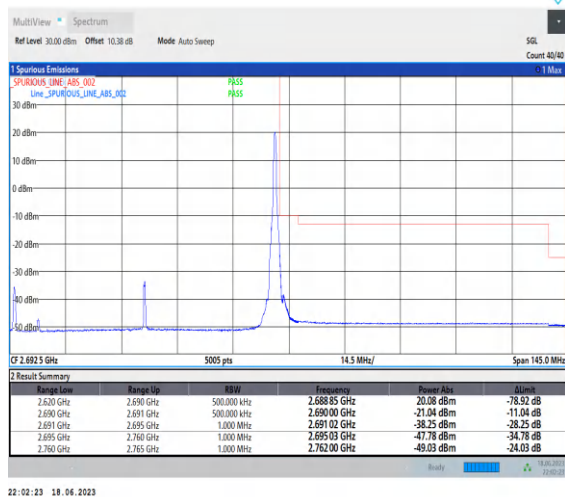
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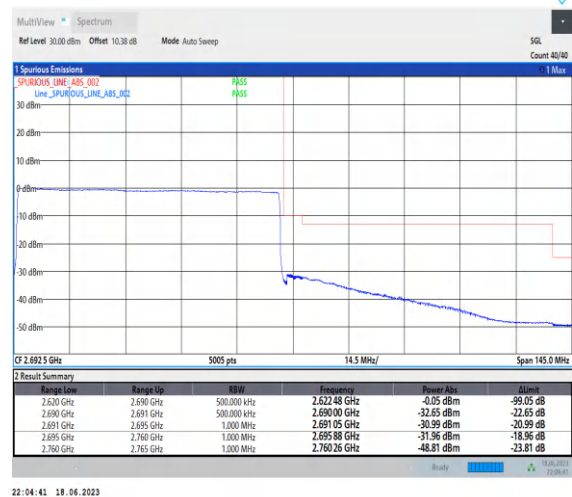
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1-N41-PC3-30-70-H-3-DFT-PI2BPSK-Outer_Full-1
80@0-Ant0-1--PASS-see graph



1-N41-PC3-30-70-H-5-CP-QPSK-Edge_1RB_Right-1
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1-N41-PC3-30-70-H-6-CP-QPSK-Outer_Full-189
@0-Ant0-1--PASS-see graph



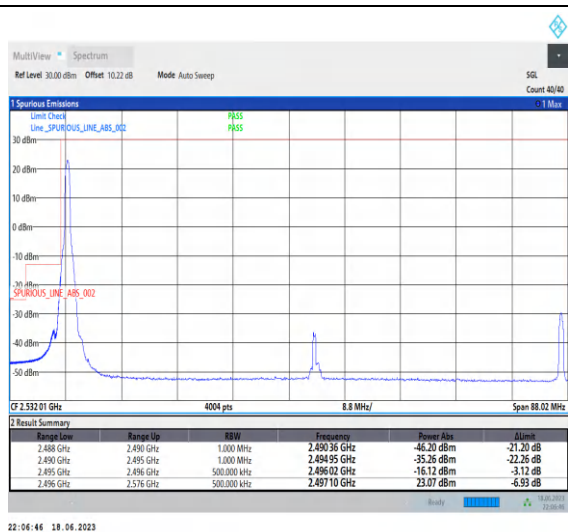
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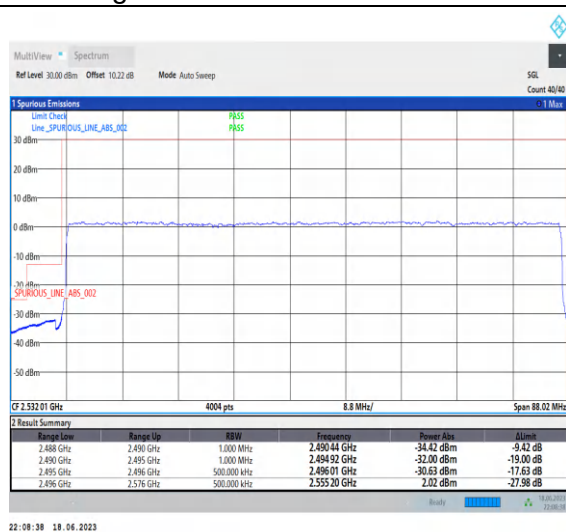
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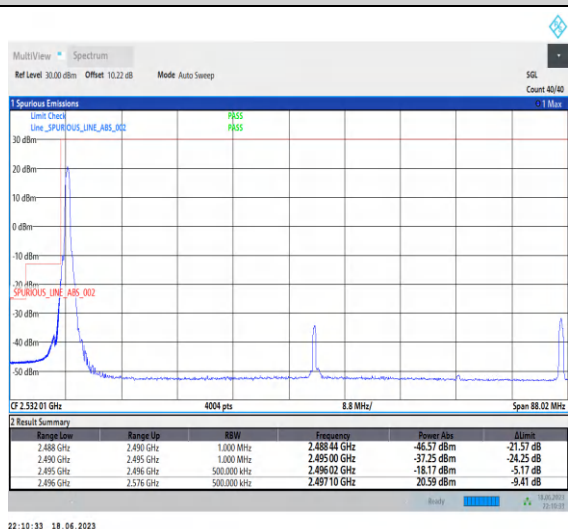
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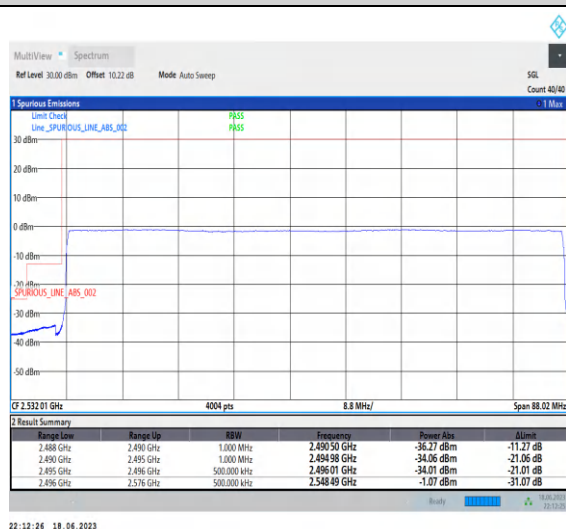
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1-N41-PC3-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant0-1--PASS-see graph



1-N41-PC3-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant0-1--PASS-see graph



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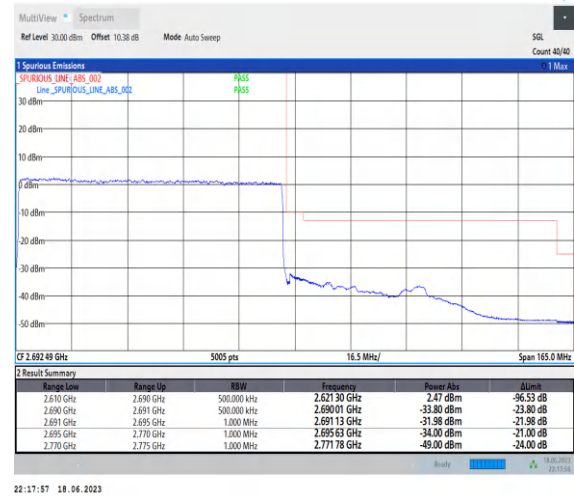
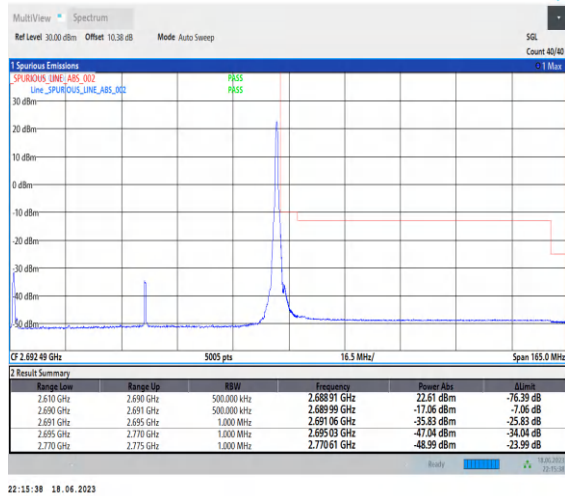
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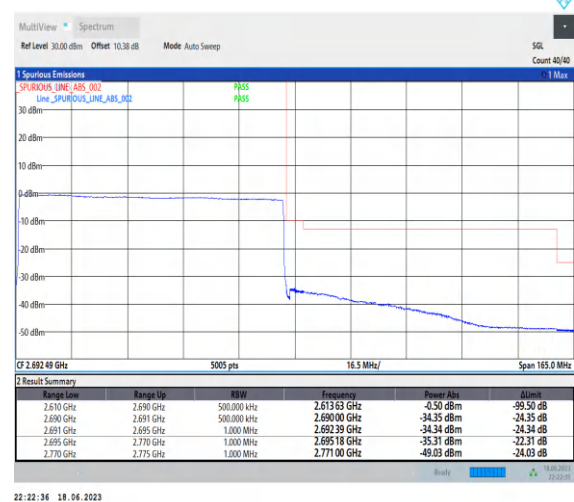
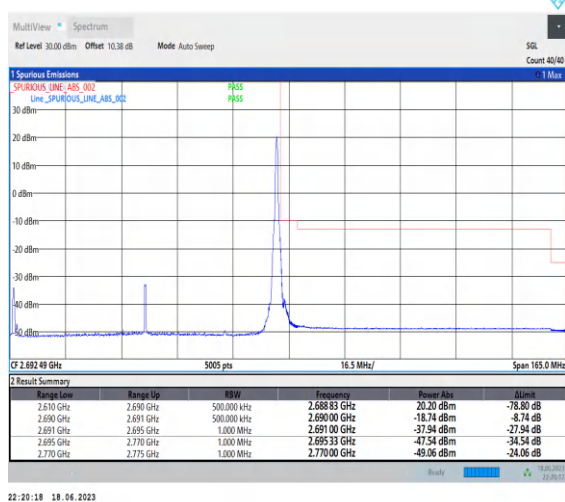
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Page: 111 of 145



1-N41-PC3-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@216-Ant0-1--PASS-see graph

1-N41-PC3-30-80-H-3-DFT-PI2BPSK-Outer_Full-2 16@0-Ant0-1--PASS-see graph



1-N41-PC3-30-80-H-5-CP-QPSK-Edge_1RB_Right-1 @216-Ant0-1--PASS-see graph

1-N41-PC3-30-80-H-6-CP-QPSK-Outer_Full-217 @0-Ant0-1--PASS-see graph



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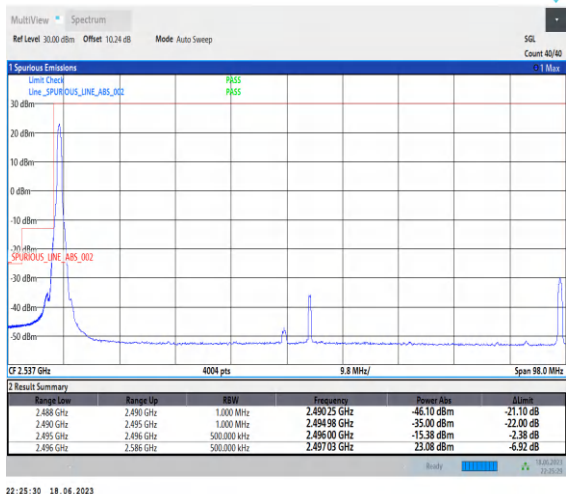
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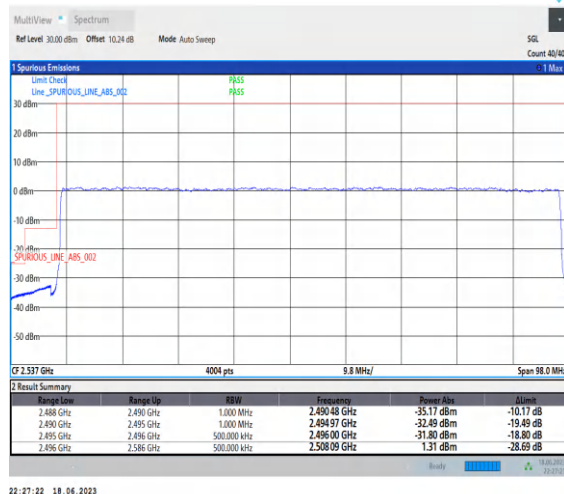
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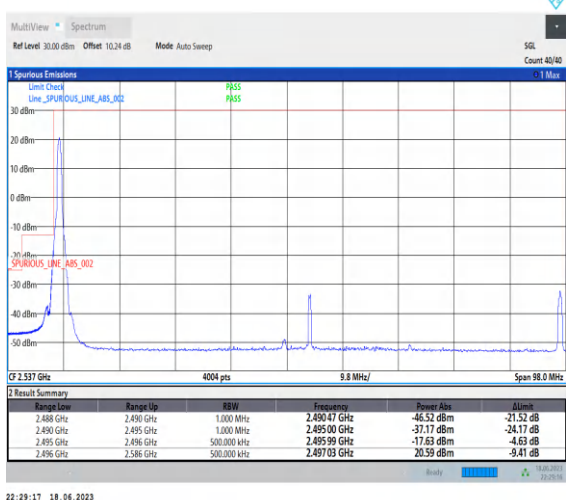
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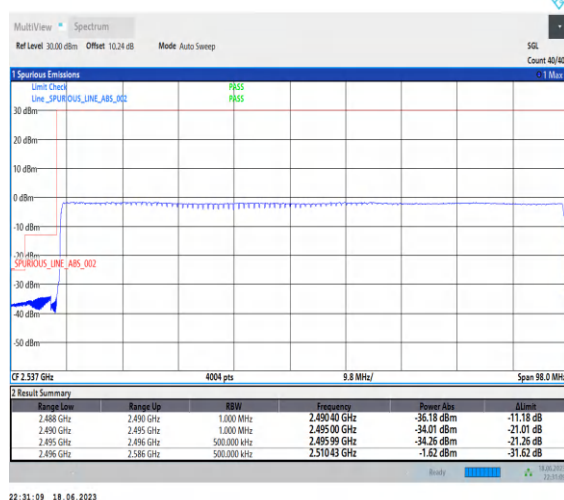
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1-N41-PC3-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph



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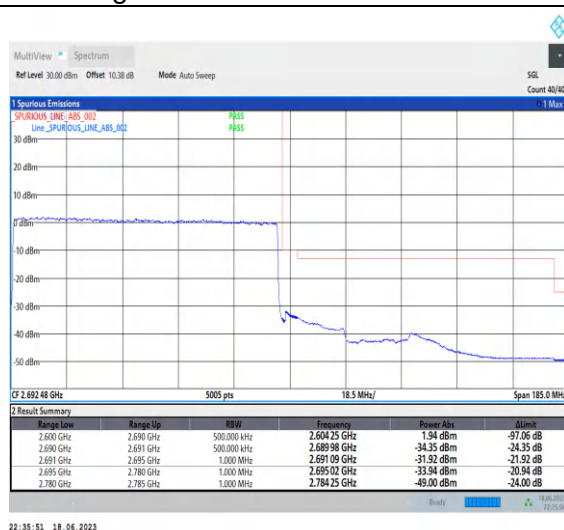
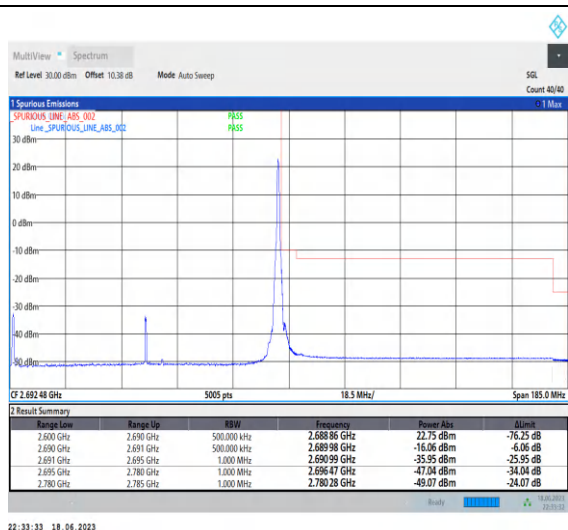
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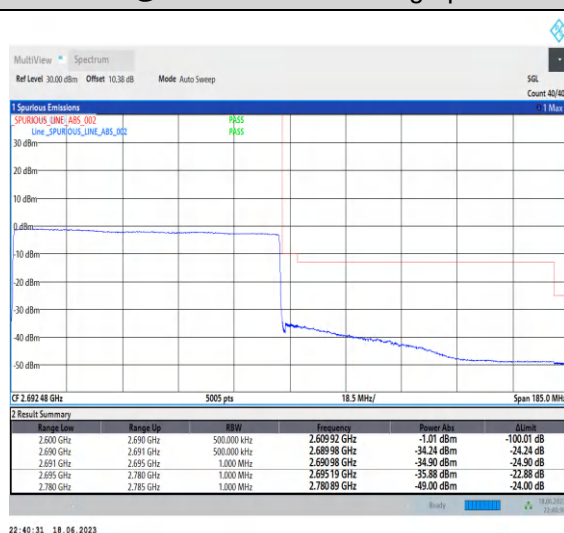
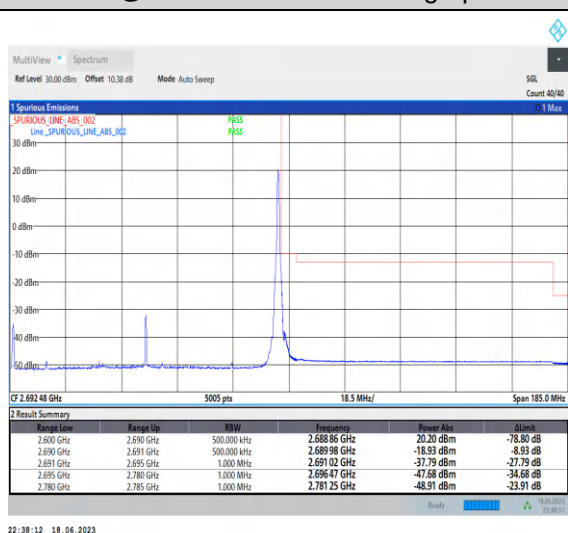
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Page: 113 of 145



1-N41-PC3-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@244-Ant0-1--PASS-see graph

1-N41-PC3-30-90-H-3-DFT-PI2BPSK-Outer_Full-2 43@0-Ant0-1--PASS-see graph



1-N41-PC3-30-90-H-5-CP-QPSK-Edge_1RB_Right-1 @244-Ant0-1--PASS-see graph

1-N41-PC3-30-90-H-6-CP-QPSK-Outer_Full-245 @0-Ant0-1--PASS-see graph



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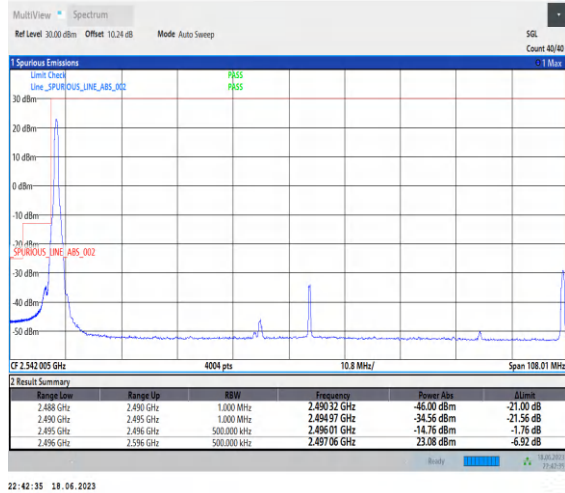
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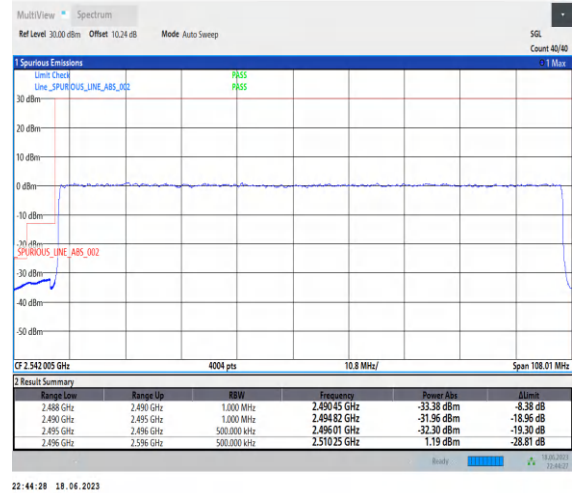
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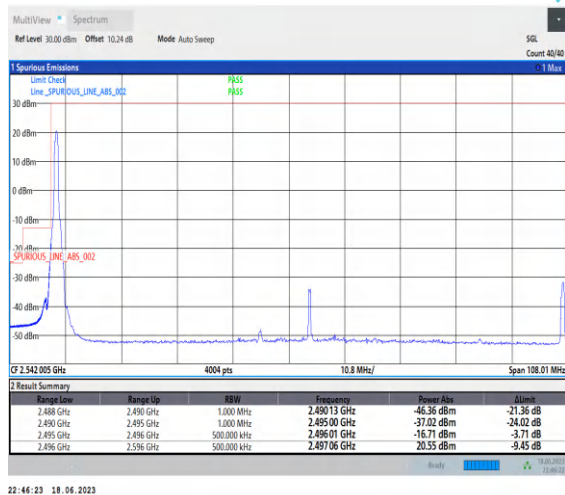
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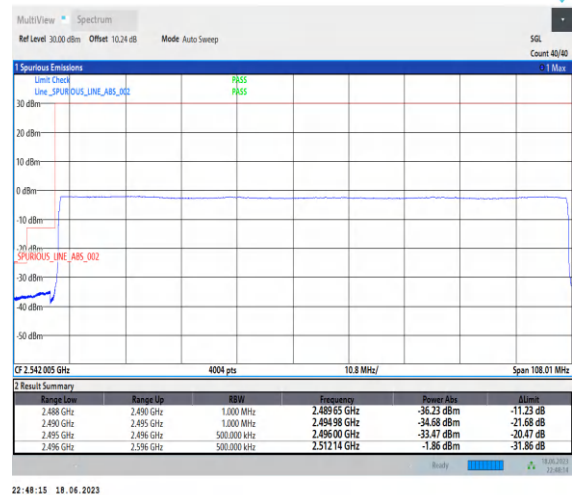
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1-N41-PC3-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N41-PC3-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph



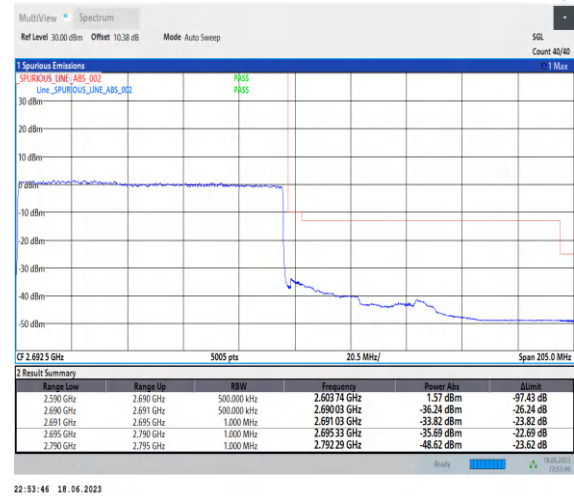
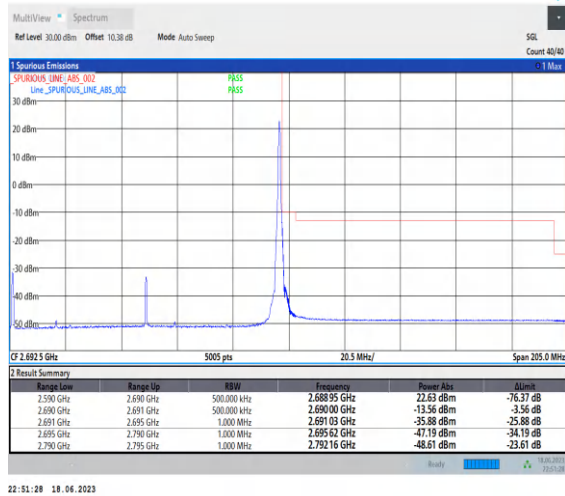
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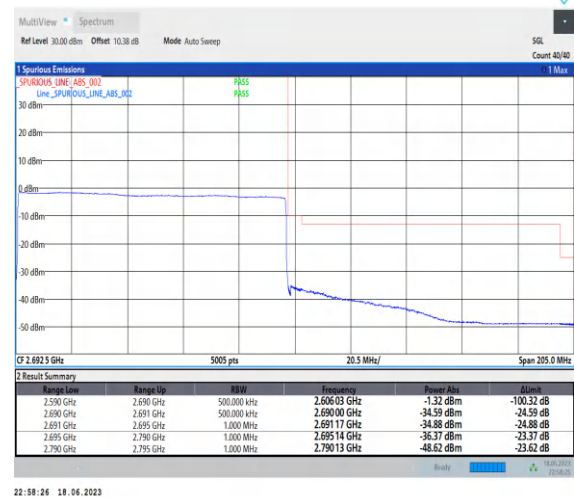
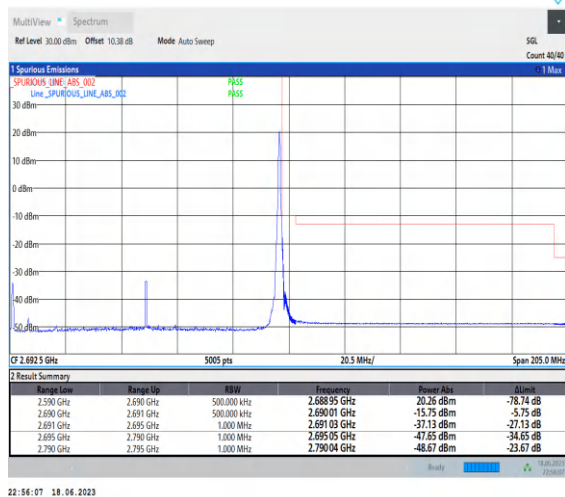
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1-N41-PC3-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Rig ht-1@272-Ant0-1--PASS-see graph

1-N41-PC3-30-100-H-3-DFT-PI2BPSK-Outer_Full- 270@0-Ant0-1--PASS-see graph



1-N41-PC3-30-100-H-5-CP-QPSK-Edge_1RB_Right-1 @272-Ant0-1--PASS-see graph

1-N41-PC3-30-100-H-6-CP-QPSK-Outer_Full-273 @0-Ant0-1--PASS-see graph



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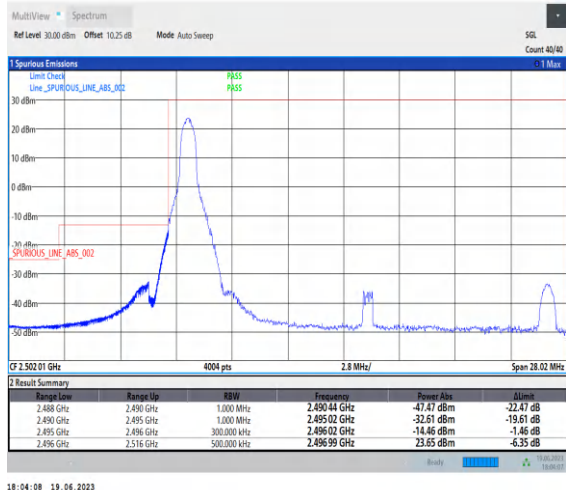
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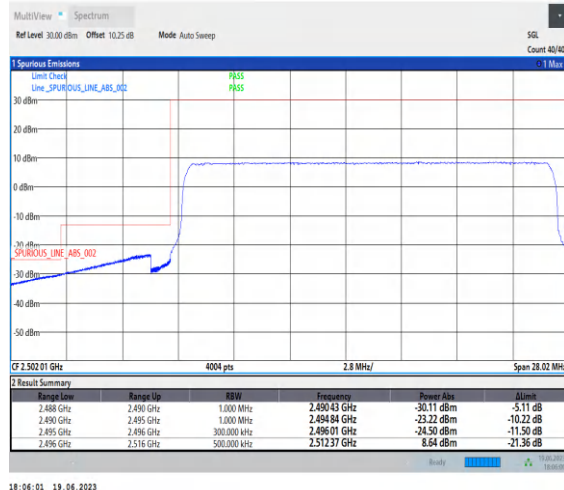
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Rev.: 01
Page: 116 of 145

Band Edge for MIMO

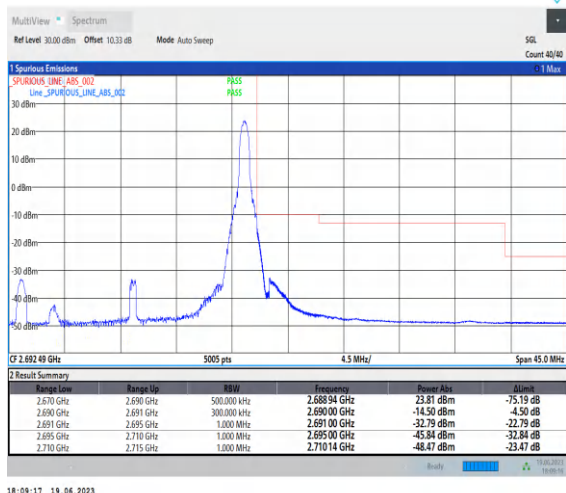
Test Graphs



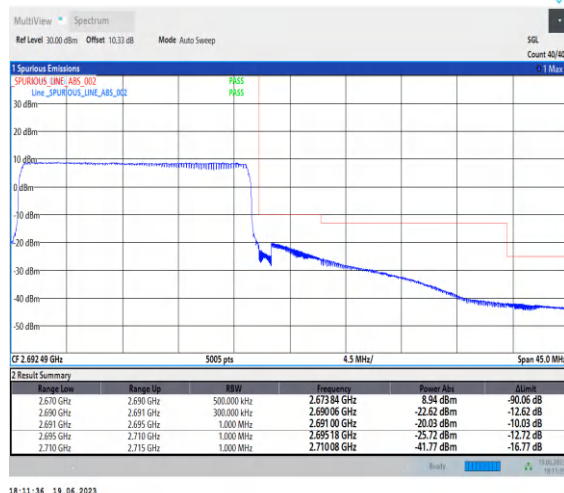
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1-N41-PC2-30-20-L-3-CP-QPSK-Outer_Full-51@
0-Ant0-1--PASS-see graph



1-N41-PC2-30-20-H-2-CP-QPSK-Edge_1RB_Right-1
@50-Ant0-1--PASS-see graph



1-N41-PC2-30-20-H-3-CP-QPSK-Outer_Full-51@
0-Ant0-1--PASS-see graph



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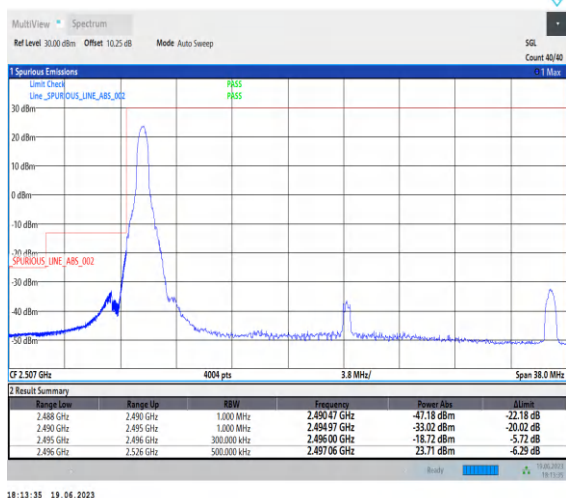
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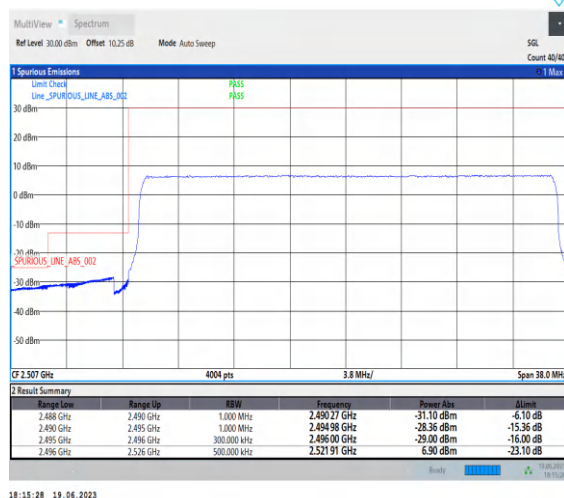
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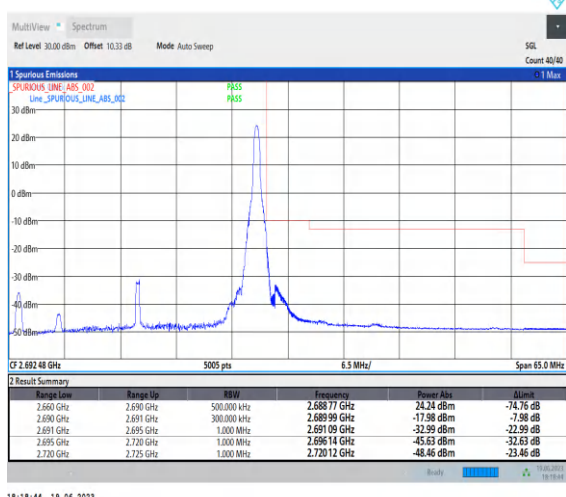
Page: 117 of 145



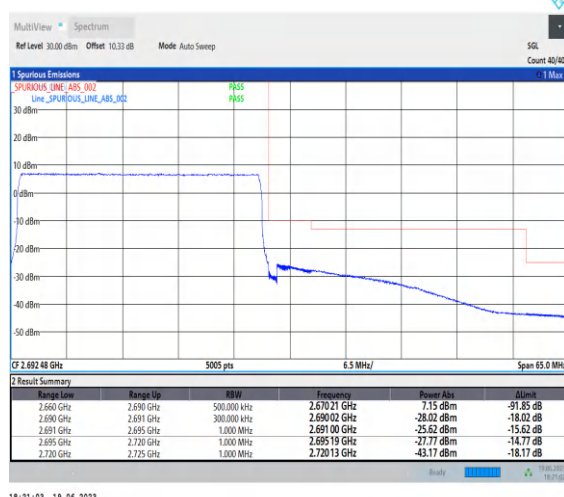
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1-N41-PC2-30-30-L-3-CP-QPSK-Outer_Full-78@
0-Ant0-1--PASS-see graph



1-N41-PC2-30-30-H-2-CP-QPSK-Edge_1RB_Right-1
@77-Ant0-1--PASS-see graph



1-N41-PC2-30-30-H-3-CP-QPSK-Outer_Full-78@
0-Ant0-1--PASS-see graph



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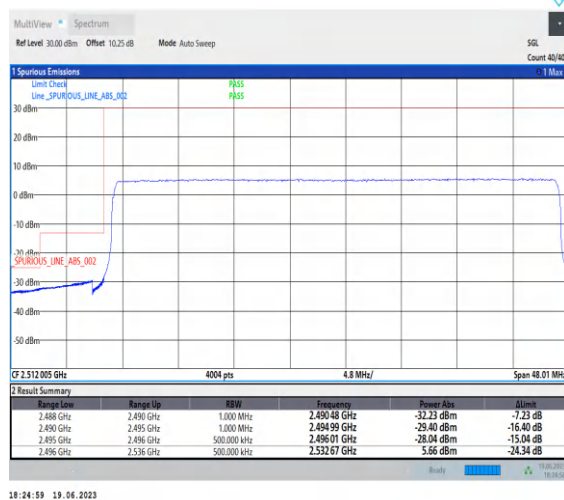
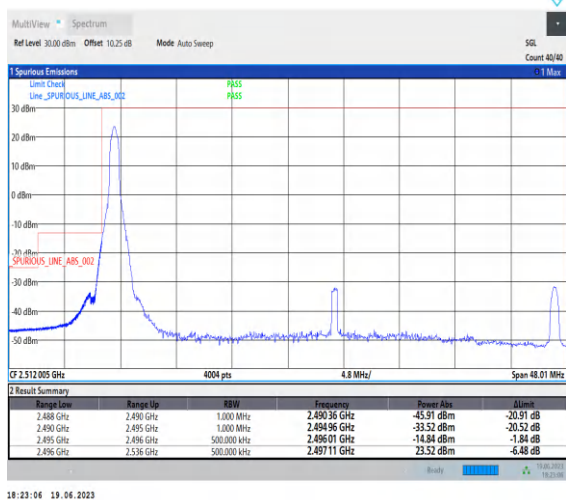
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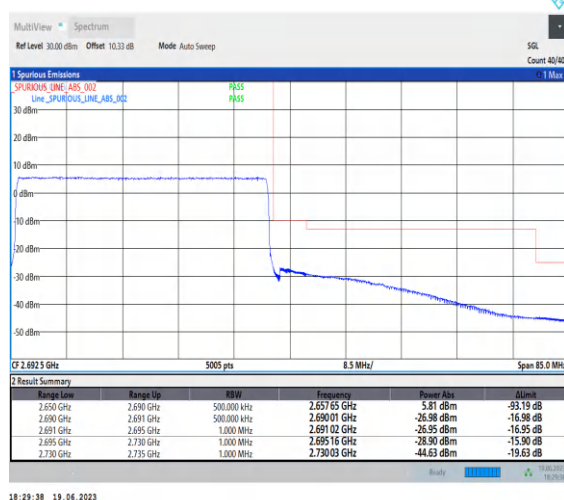
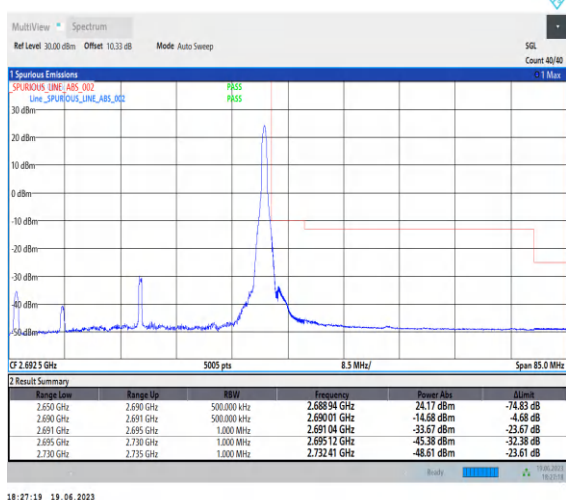
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Page: 118 of 145



1-N41-PC2-30-40-L-1-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N41-PC2-30-40-L-3-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



1-N41-PC2-30-40-H-2-CP-QPSK-Edge_1RB_Right-1@105-Ant0-1--PASS-see graph

1-N41-PC2-30-40-H-3-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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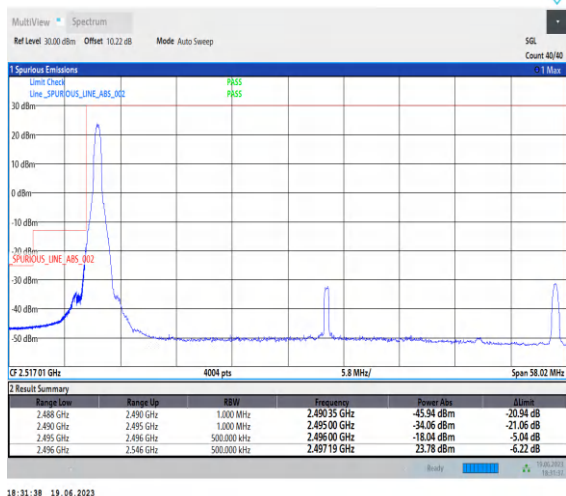
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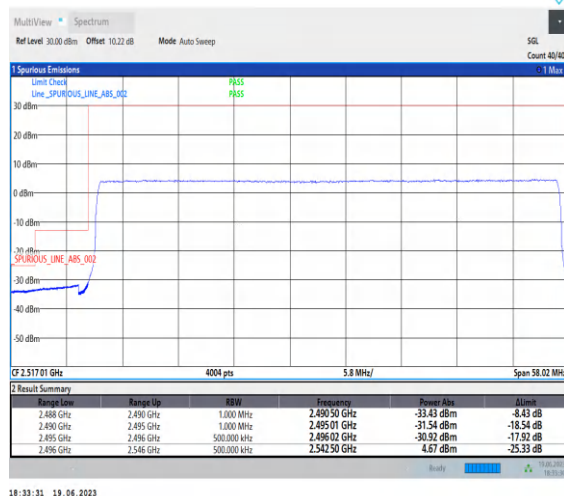
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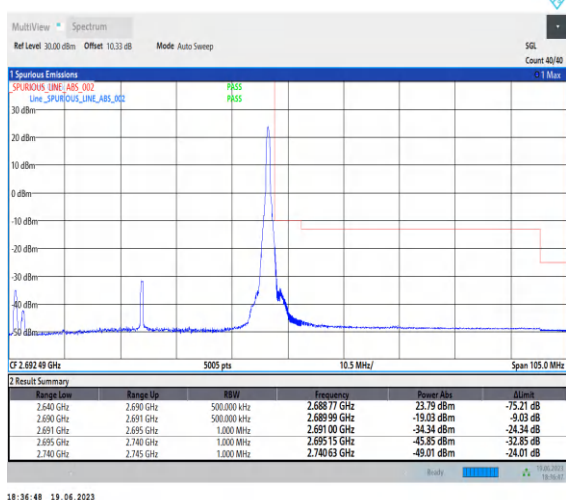
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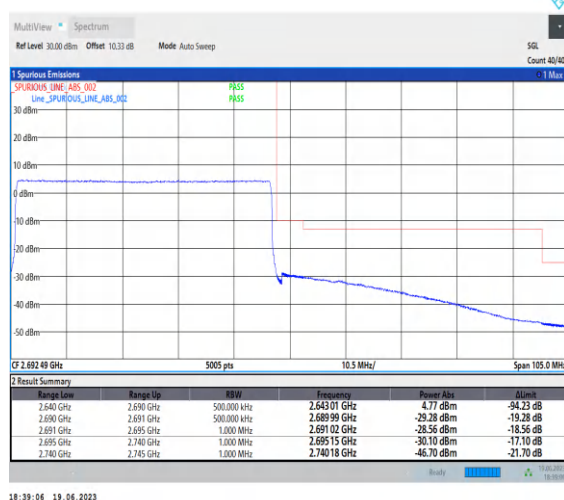
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1-N41-PC2-30-50-H-2-CP-QPSK-Edge_1RB_Right-1@132-Ant0-1--PASS-see graph



1-N41-PC2-30-50-H-3-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph



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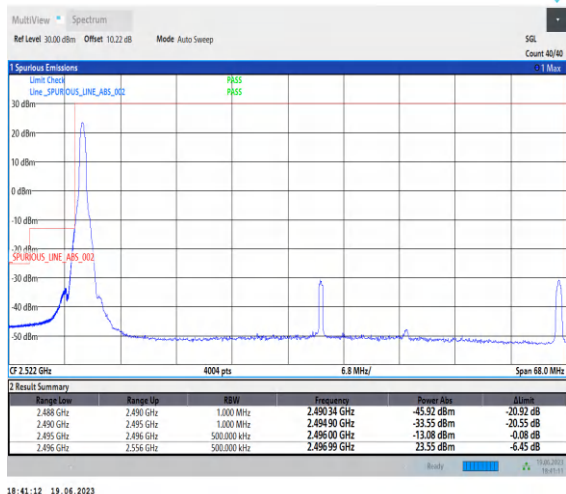
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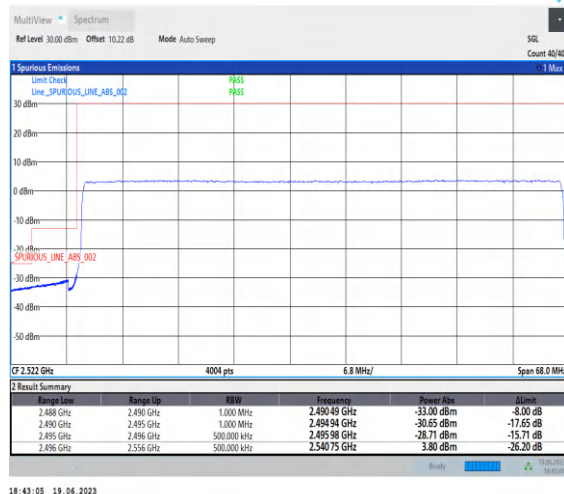
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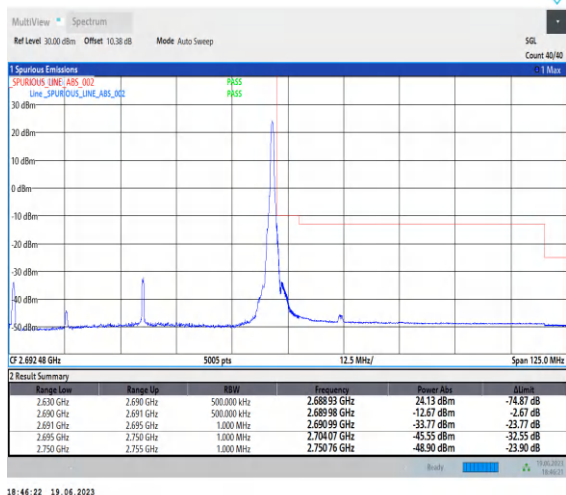
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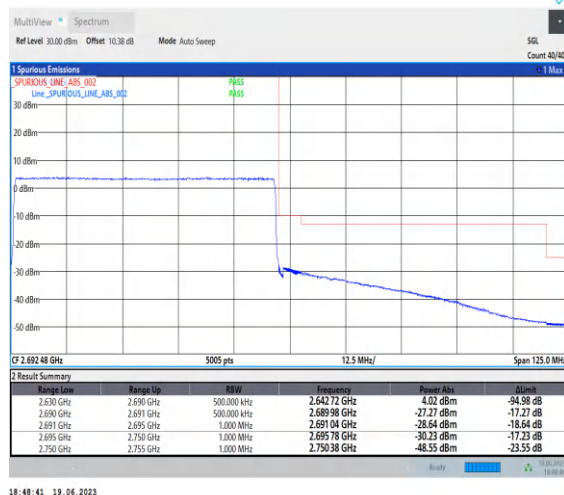
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@0-Ant0-1--PASS-see graph



1-N41-PC2-30-60-H-2-CP-QPSK-Edge_1RB_Right-1
@161-Ant0-1--PASS-see graph



1-N41-PC2-30-60-H-3-CP-QPSK-Outer_Full-162
@0-Ant0-1--PASS-see graph



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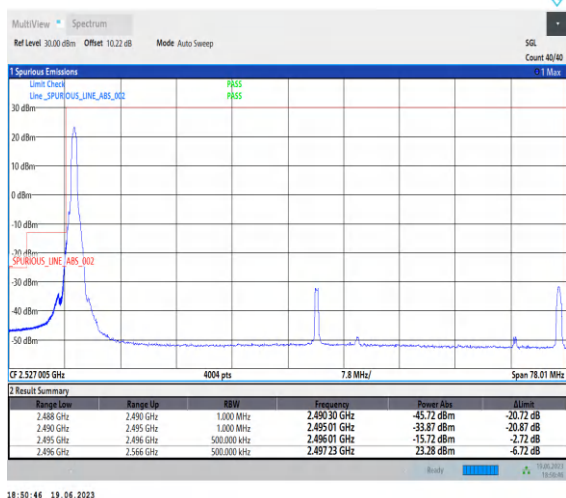
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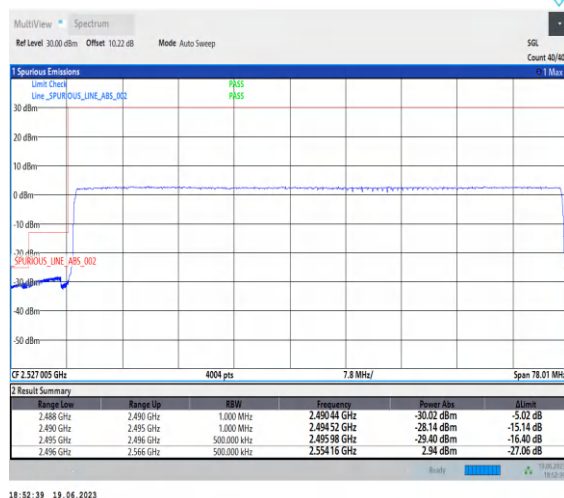
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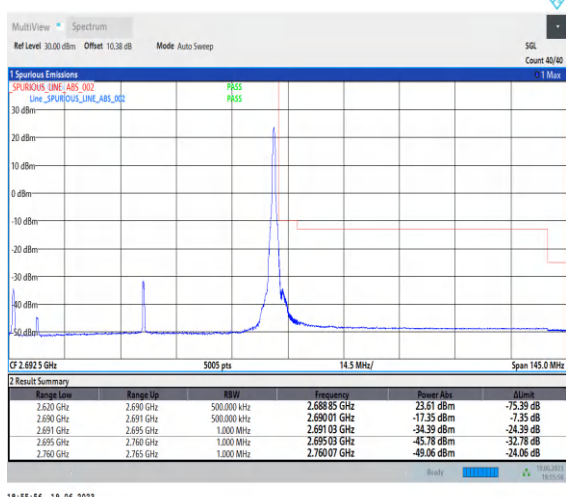
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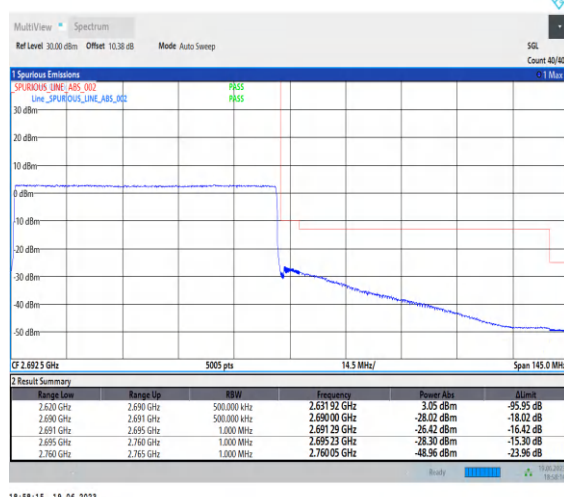
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1-N41-PC2-30-70-L-3-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph



1-N41-PC2-30-70-H-2-CP-QPSK-Edge_1RB_Right-1@188-Ant0-1--PASS-see graph



1-N41-PC2-30-70-H-3-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph



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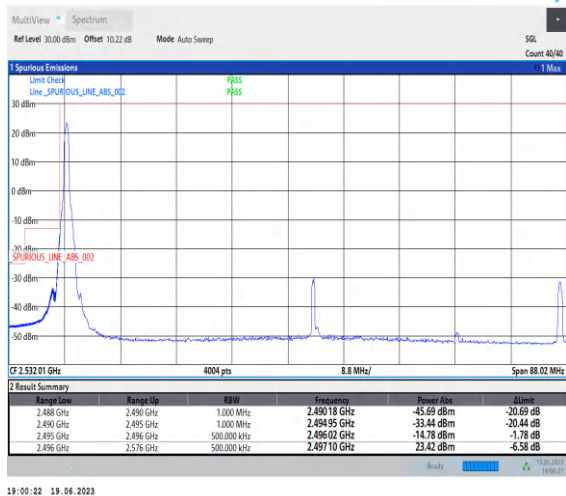
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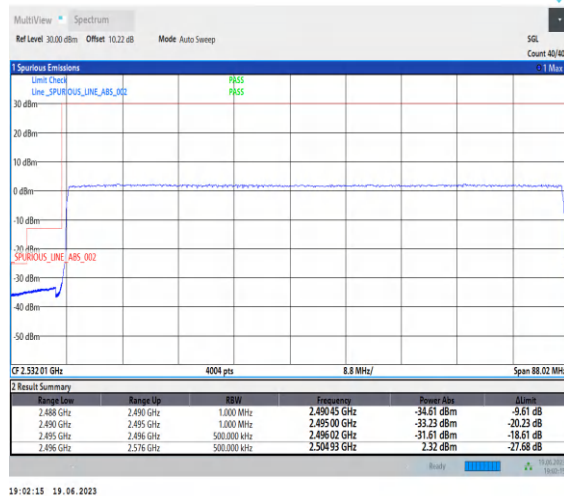
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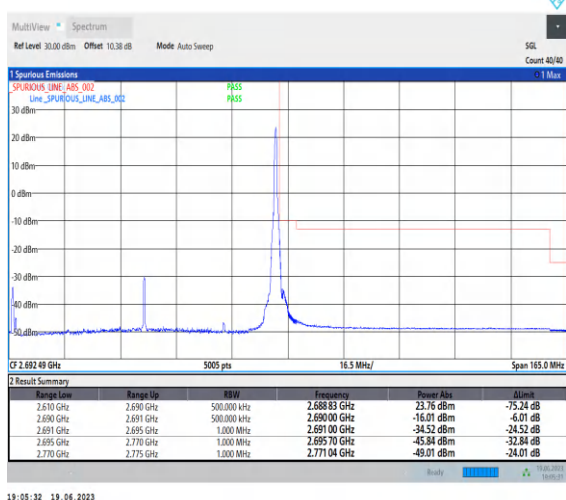
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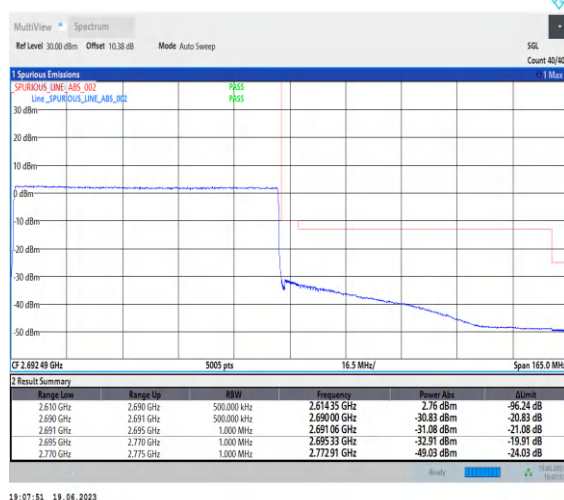
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1-N41-PC2-30-80-H-2-CP-QPSK-Edge_1RB_Right-1@216-Ant0-1--PASS-see graph



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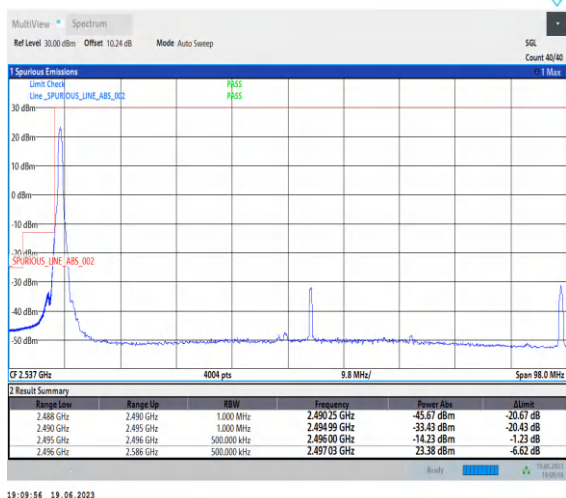
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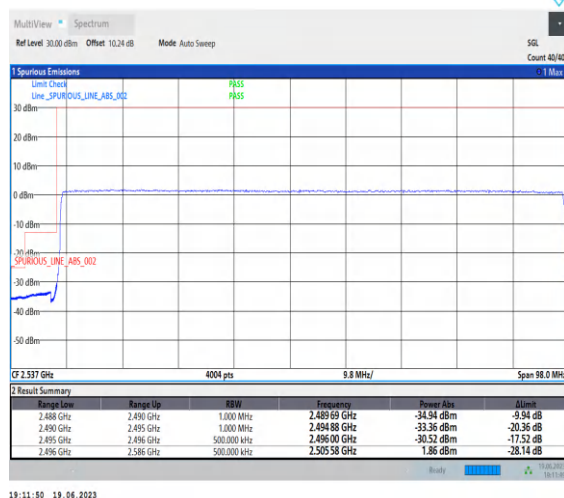
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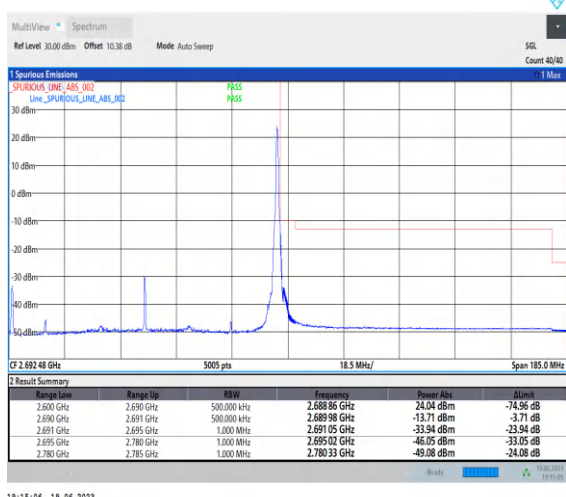
Page: 123 of 145



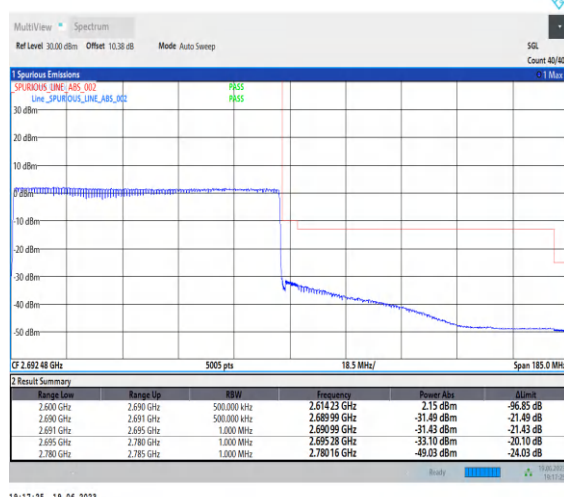
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-Ant0-1--PASS-see graph



1-N41-PC2-30-90-L-3-CP-QPSK-Outer_Full-245
@0-Ant0-1--PASS-see graph



1-N41-PC2-30-90-H-2-CP-QPSK-Edge_1RB_Right-1
@244-Ant0-1--PASS-see graph



1-N41-PC2-30-90-H-3-CP-QPSK-Outer_Full-245
@0-Ant0-1--PASS-see graph



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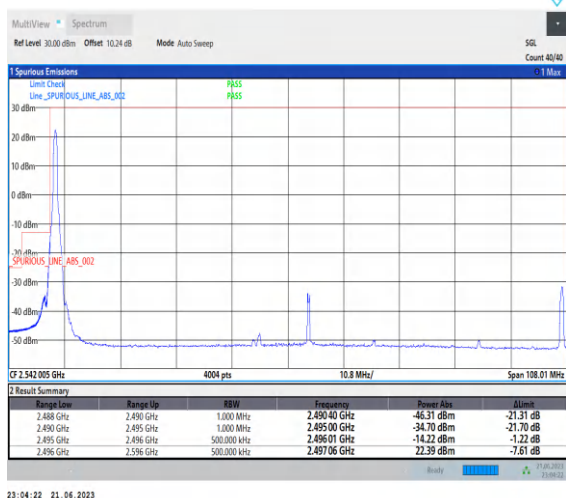
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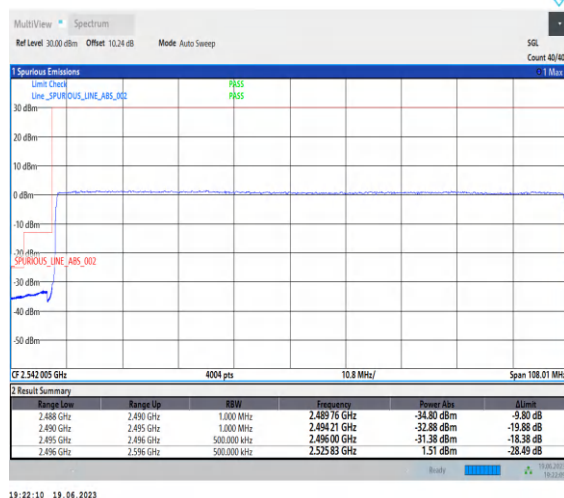
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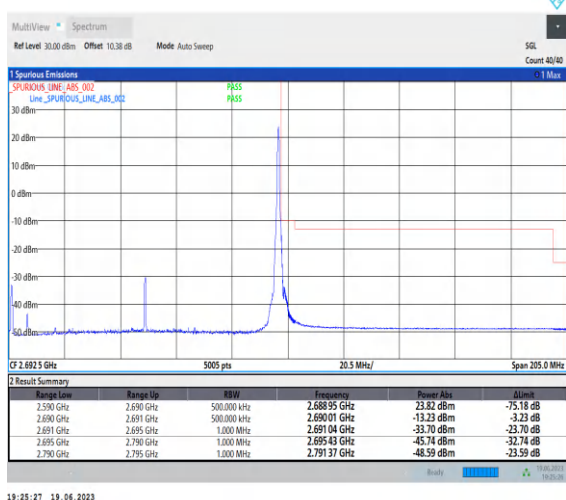
Page: 124 of 145



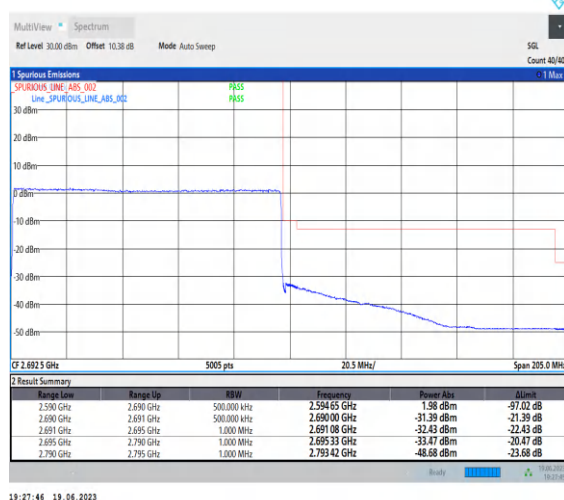
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1-N41-PC2-30-100-L-3-CP-QPSK-Outer_Full-273
@0-Ant0-1--PASS-see graph



1-N41-PC2-30-100-H-2-CP-QPSK-Edge_1RB_Right-1
@272-Ant0-1--PASS-see graph



1-N41-PC2-30-100-H-3-CP-QPSK-Outer_Full-273
@0-Ant0-1--PASS-see graph



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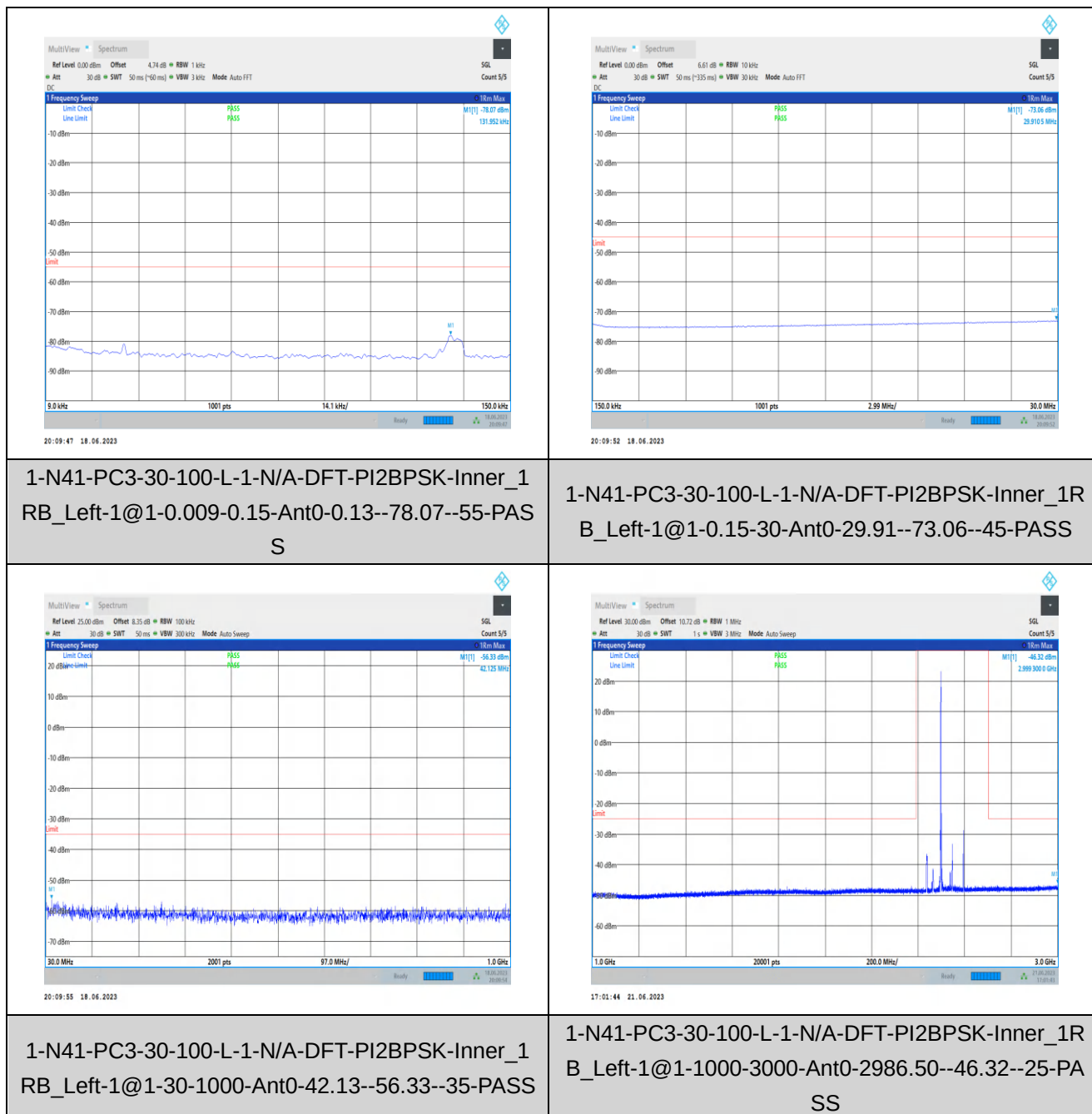
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Page: 125 of 145

Conducted Spurious Emission for SA

Test Graphs



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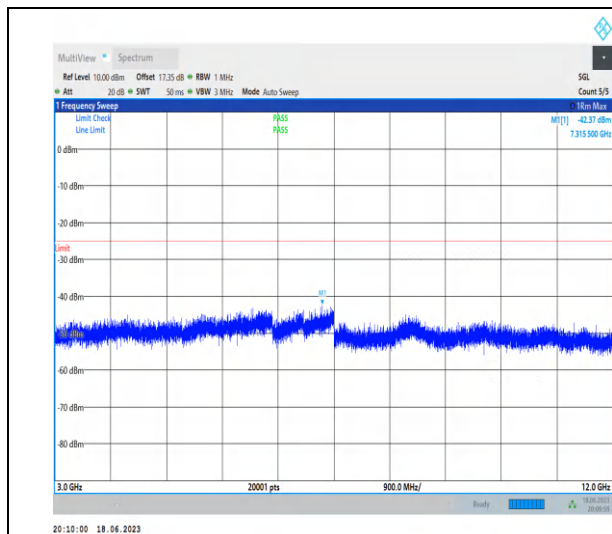
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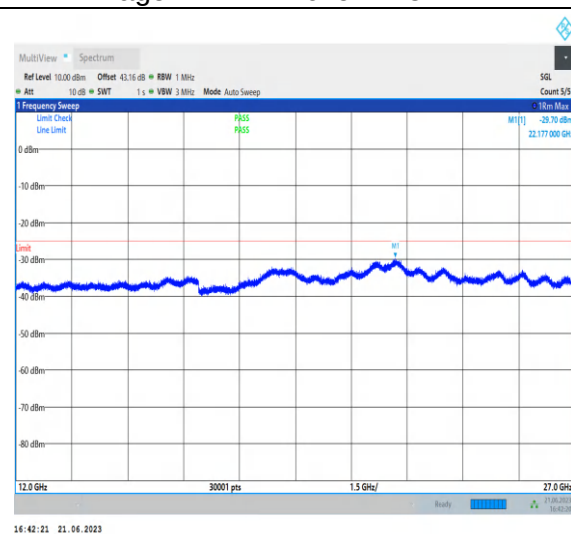
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Rev.: 01

Page: 126 of 145



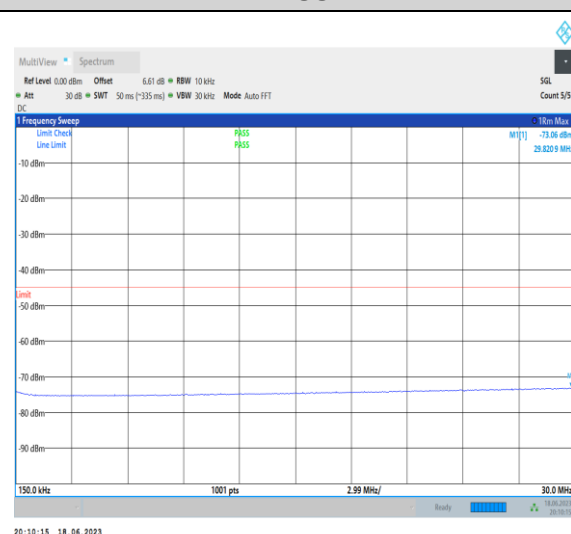
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-PASS



1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-Ant0-22262.00--29.70--25
PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-0.009-0.15-Ant0-0.13--78.25--55-PAS
S



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-Ant0-29.82--73.06--45-PASS

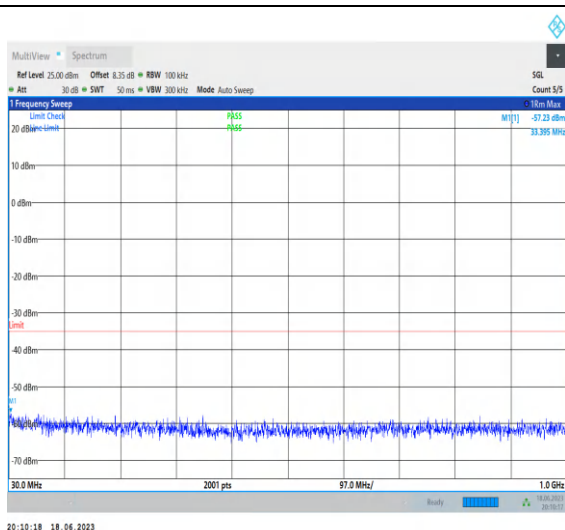


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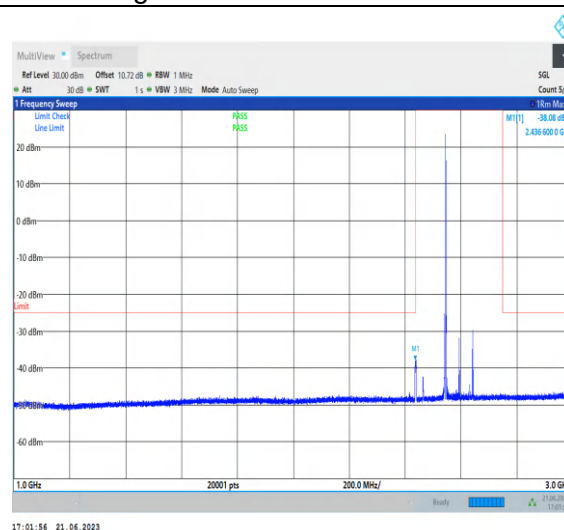
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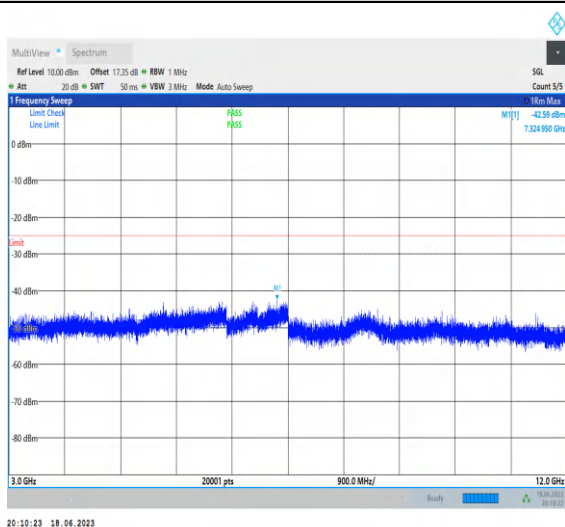
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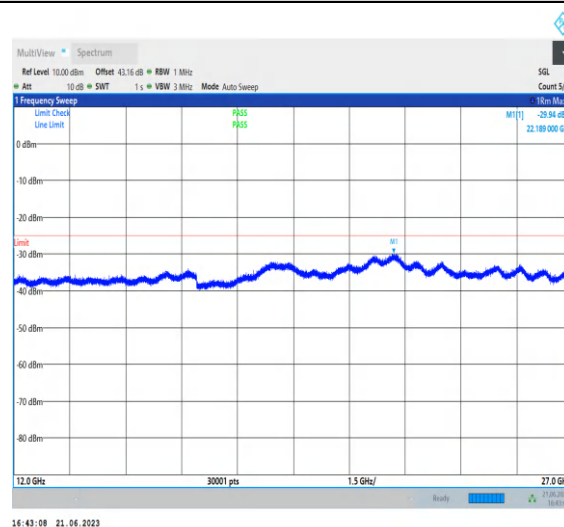
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1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-1000-3000-Ant0-2793.50--38.08--25-PA
SS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-Ant0-7324.95--42.59--25
-PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
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PASS

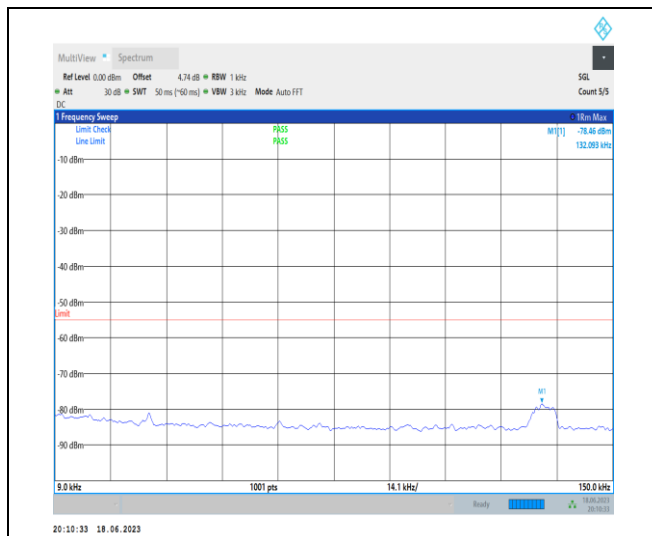


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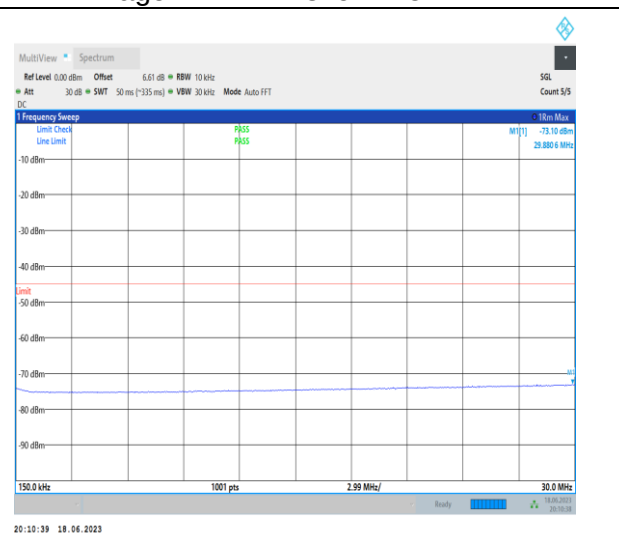
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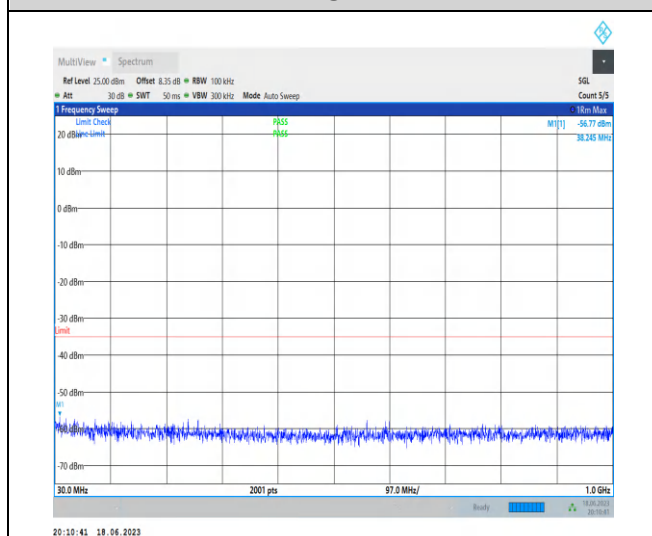
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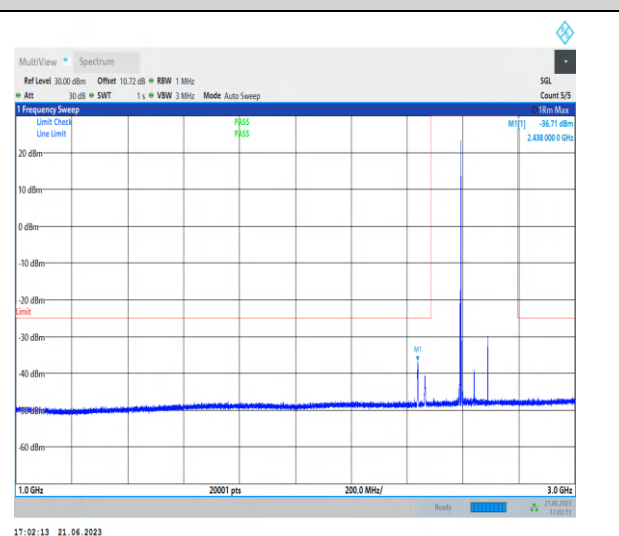
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RB_Left-1@1-0.009-0.15-Ant0-0.13--78.46--55-PAS
S



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-Ant0-29.88--73.10--45-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-30-1000-Ant0-38.25--56.77--35-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-1000-3000-Ant0-2975.00--36.71--25-PA
SS



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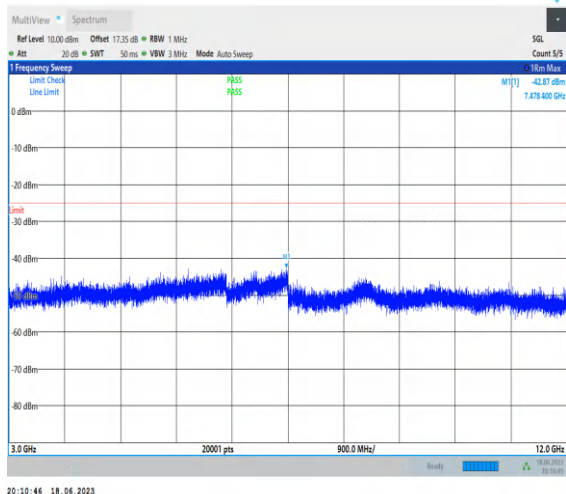
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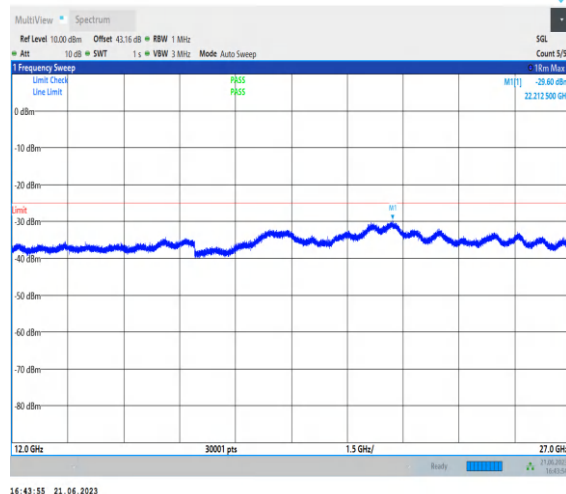
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Rev.: 01

Page: 129 of 145



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-Ant0-7478.40--42.87--25
-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-Ant0-22187.00--29.60--25
PASS



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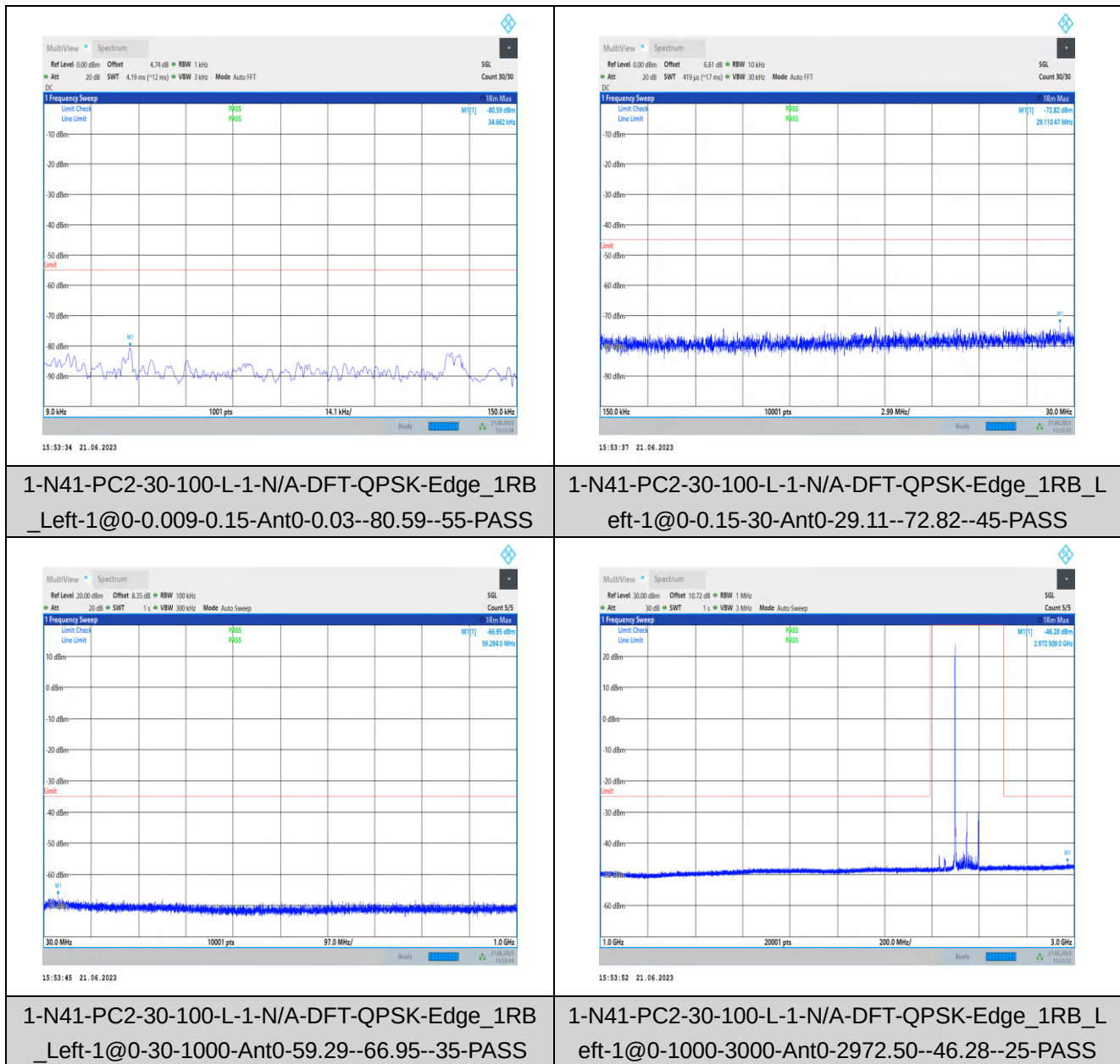
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Conducted Spurious Emission for MIMO

Test Graphs



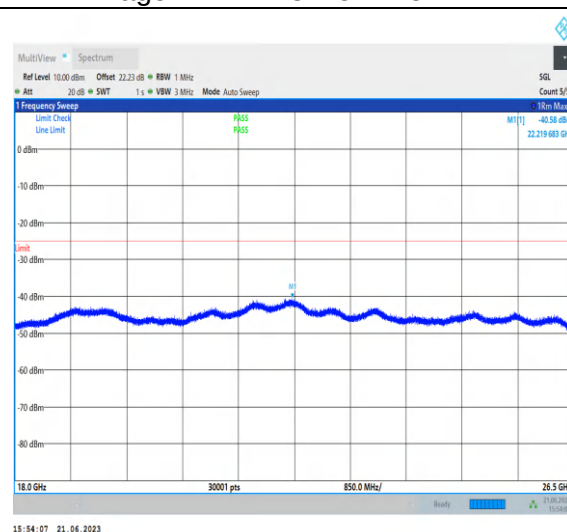
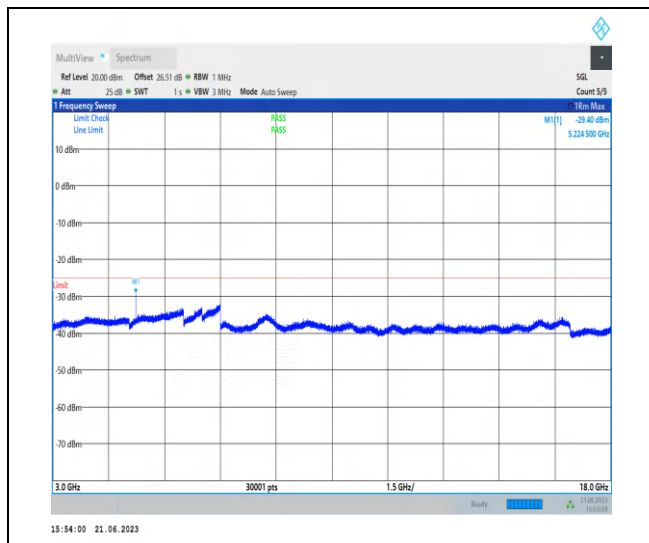
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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 132 of 145

Field Strength of Spurious Radiation(Worse)**Test Band = SA Band41_ TM1_100MHz****Test Channel = Low**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4789	42.44	-45.55	30.94	-67.43	-25.00	42.43	236	163	Horizontal
2	5985	42.46	-44.85	32.70	-64.95	-25.00	39.95	258	90	Horizontal
3	7837	40.86	-42.50	36.73	-60.16	-25.00	35.16	147	35	Horizontal
4	9003	38.85	-40.98	36.31	-61.08	-25.00	36.08	186	108	Horizontal
5	11228	34.54	-37.40	38.72	-59.40	-25.00	34.40	169	7	Horizontal
6	12794.5	33.59	-36.82	39.04	-59.45	-25.00	34.45	199	2	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	4590.5	43.48	-45.67	30.50	-66.95	-25.00	41.95	125	179	Vertical
2	5751.5	42.17	-44.80	32.65	-65.24	-25.00	40.24	148	163	Vertical
3	7403	41.54	-43.40	36.33	-60.79	-25.00	35.79	175	198	Vertical
4	8383.5	40.17	-41.54	36.61	-60.02	-25.00	35.02	163	326	Vertical
5	10073	36.16	-39.15	38.24	-60.02	-25.00	35.02	126	91	Vertical
6	12143	34.75	-37.40	38.84	-59.07	-25.00	34.07	148	359	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 133 of 145

Test Band = SA Band41_ TM1_100MHz
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4918.5	43.48	-45.55	31.22	-66.11	-25.00	41.11	125	54	Horizontal
2	5847.5	42.30	-44.85	32.67	-65.15	-25.00	40.15	155	307	Horizontal
3	7360.5	41.32	-43.54	36.21	-61.27	-25.00	36.27	174	54	Horizontal
4	7875	40.86	-42.69	36.75	-60.34	-25.00	35.34	156	144	Horizontal
5	9356	37.69	-40.00	36.98	-60.60	-25.00	35.60	136	325	Horizontal
6	10710	34.71	-37.95	38.56	-59.95	-25.00	34.95	256	90	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	4853	42.57	-45.53	31.08	-67.15	-25.00	42.15	231	360	Vertical
2	6709.5	41.79	-43.84	34.68	-62.64	-25.00	37.64	154	197	Vertical
3	7820.5	41.25	-42.41	36.73	-59.70	-25.00	34.70	148	360	Vertical
4	8713.5	39.66	-41.63	36.44	-60.79	-25.00	35.79	157	325	Vertical
5	10093	36.07	-39.13	38.25	-60.07	-25.00	35.07	199	360	Vertical
6	11210	34.79	-37.39	38.72	-59.14	-25.00	34.14	266	53	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 134 of 145

Test Band = SA Band41_ TM1_100MHz
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5205	42.60	-45.27	31.89	-66.04	-25.00	41.04	158	55	Horizontal
2	5848	42.49	-44.86	32.67	-64.96	-25.00	39.96	175	90	Horizontal
3	6930	41.68	-43.94	35.07	-62.44	-25.00	37.44	122	8	Horizontal
4	8403.5	40.00	-41.46	36.60	-60.12	-25.00	35.12	142	343	Horizontal
5	10238.5	36.07	-39.34	38.32	-60.21	-25.00	35.21	199	20	Horizontal
6	12273	33.78	-37.43	38.88	-60.03	-25.00	35.03	231	236	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	5413.5	43.03	-45.29	32.39	-65.13	-25.00	40.13	166	36	Vertical
2	6453.5	41.99	-44.52	34.15	-63.64	-25.00	38.64	211	196	Vertical
3	7741	40.83	-42.79	36.70	-60.52	-25.00	35.52	148	360	Vertical
4	8397	40.03	-41.47	36.60	-60.10	-25.00	35.10	175	179	Vertical
5	9829.5	36.83	-39.44	37.88	-59.99	-25.00	34.99	199	215	Vertical
6	12192.5	34.26	-37.48	38.86	-59.62	-25.00	34.62	182	72	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 135 of 145

Test Band = SA Band41 ULMIMO_ TM1_100MHz

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4729.5	42.90	-45.58	30.80	-67.14	-25.00	42.14	155	0	Horizontal
2	5465	42.56	-45.26	32.52	-65.45	-25.00	40.45	168	18	Horizontal
3	7055	41.90	-43.91	35.35	-61.92	-25.00	36.92	192	72	Horizontal
4	7858.5	41.20	-42.61	36.74	-59.92	-25.00	34.92	154	343	Horizontal
5	10029.5	36.50	-39.20	38.21	-59.75	-25.00	34.75	175	216	Horizontal
6	12282	34.62	-37.42	38.88	-59.18	-25.00	34.18	166	181	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	4925	43.77	-45.56	31.24	-65.81	-25.00	40.81	136	18	Vertical
2	5877.5	42.88	-44.92	32.68	-64.63	-25.00	39.63	256	163	Vertical
3	6736	42.16	-43.94	34.72	-62.31	-25.00	37.31	188	4	Vertical
4	7778.5	40.72	-42.48	36.71	-60.31	-25.00	35.31	147	359	Vertical
5	8856.5	39.28	-41.24	36.37	-60.85	-25.00	35.85	186	359	Vertical
6	10572	35.53	-38.56	38.49	-59.81	-25.00	34.81	195	359	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 136 of 145

Test Band = SA Band41 ULMIMO_ TM1_100MHz
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4899	43.11	-45.53	31.18	-66.50	-25.00	41.50	165	252	Horizontal
2	5691	42.66	-44.87	32.64	-64.83	-25.00	39.83	135	197	Horizontal
3	6743	41.89	-43.96	34.74	-62.60	-25.00	37.60	148	306	Horizontal
4	7647.5	41.00	-43.02	36.66	-60.62	-25.00	35.62	175	1	Horizontal
5	8230	40.02	-42.23	36.69	-60.78	-25.00	35.78	199	1	Horizontal
6	10582	35.76	-38.53	38.49	-59.54	-25.00	34.54	258	306	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	4780	42.63	-45.55	30.92	-67.27	-25.00	42.27	155	234	Vertical
2	5554.5	42.35	-45.15	32.61	-65.45	-25.00	40.45	163	306	Vertical
3	6618.5	42.58	-44.25	34.51	-62.42	-25.00	37.42	265	106	Vertical
4	7649	41.61	-43.02	36.66	-60.01	-25.00	35.01	148	360	Vertical
5	8852	39.07	-41.24	36.37	-61.06	-25.00	36.06	175	251	Vertical
6	10249	36.49	-39.30	38.32	-59.74	-25.00	34.74	199	341	Vertical



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Rev.: 01

Page: 137 of 145

Test Band = SA Band41 ULMIMO_ TM1_100MHz
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4720.5	43.08	-45.59	30.79	-66.98	-25.00	41.98	125	109	Horizontal
2	5574.5	42.56	-45.11	32.61	-65.20	-25.00	40.20	144	182	Horizontal
3	6153.5	42.03	-44.62	33.19	-64.65	-25.00	39.65	156	344	Horizontal
4	7226	40.86	-43.51	35.83	-62.07	-25.00	37.07	136	236	Horizontal
5	8341	40.10	-41.78	36.63	-60.31	-25.00	35.31	256	20	Horizontal
6	10699	34.76	-37.89	38.55	-59.84	-25.00	34.84	199	0	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	4442.5	43.74	-45.77	30.16	-67.13	-25.00	42.13	251	3	Vertical
2	5433.5	42.99	-45.28	32.44	-65.11	-25.00	40.11	145	126	Vertical
3	6488	41.93	-44.59	34.26	-63.65	-25.00	38.65	166	178	Vertical
4	7410.5	41.16	-43.38	36.35	-61.13	-25.00	36.13	136	233	Vertical
5	8823	39.21	-41.25	36.39	-60.91	-25.00	35.91	256	53	Vertical
6	10595	35.14	-38.49	38.50	-60.11	-25.00	35.11	129	3	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 138 of 145

Test Band = NSA 2A-N41A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4703	43.12	-45.60	30.75	-66.99	-25.00	41.99	255	8	Horizontal
2	5687	42.29	-44.88	32.64	-65.21	-25.00	40.21	178	288	Horizontal
3	6984	42.12	-43.64	35.17	-61.61	-25.00	36.61	198	8	Horizontal
4	7909.5	40.67	-42.78	36.76	-60.60	-25.00	35.60	174	162	Horizontal
5	9652.5	37.05	-39.55	37.54	-60.22	-25.00	35.22	186	89	Horizontal
6	11849.5	34.24	-37.02	38.78	-59.25	-25.00	34.25	194	0	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	4606	42.92	-45.67	30.53	-67.47	-25.00	42.47	213	4	Vertical
2	5982	42.93	-44.86	32.70	-64.49	-25.00	39.49	263	145	Vertical
3	7372	41.71	-43.51	36.24	-60.81	-25.00	35.81	213	326	Vertical
4	8344	40.28	-41.76	36.63	-60.12	-25.00	35.12	147	326	Vertical
5	9612.5	37.53	-39.64	37.46	-59.91	-25.00	34.91	188	162	Vertical
6	11213	35.57	-37.39	38.72	-58.36	-25.00	33.36	152	108	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 139 of 145

Test Band = NSA 2A-N41A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4578	43.14	-45.68	30.47	-67.33	-25.00	42.33	174	252	Horizontal
2	6335	41.89	-44.49	33.77	-64.09	-25.00	39.09	156	37	Horizontal
3	7436	41.54	-43.31	36.42	-60.61	-25.00	35.61	166	197	Horizontal
4	8845.5	39.14	-41.25	36.38	-60.99	-25.00	35.99	139	270	Horizontal
5	10611	35.97	-38.41	38.51	-59.19	-25.00	34.19	291	54	Horizontal
6	12721	34.18	-36.71	39.02	-58.78	-25.00	33.78	147	37	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	4453.5	43.71	-45.76	30.19	-67.12	-25.00	42.12	244	4	Vertical
2	6021	42.41	-44.75	32.77	-64.83	-25.00	39.83	175	270	Vertical
3	7405	41.50	-43.40	36.33	-60.82	-25.00	35.82	186	162	Vertical
4	9323.5	38.78	-40.13	36.91	-59.69	-25.00	34.69	213	325	Vertical
5	11227.5	35.22	-37.40	38.72	-58.72	-25.00	33.72	266	71	Vertical
6	13709.5	34.69	-36.18	40.38	-56.38	-25.00	31.38	143	360	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 140 of 145

Test Band = NSA 2A-N41A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4078	43.61	-45.82	29.29	-68.18	-25.00	43.18	177	197	Horizontal
2	4901	44.01	-45.53	31.18	-65.60	-25.00	40.60	154	343	Horizontal
3	6147.5	41.75	-44.60	33.17	-64.94	-25.00	39.94	133	107	Horizontal
4	7856	40.99	-42.60	36.74	-60.12	-25.00	35.12	216	197	Horizontal
5	9840.5	37.58	-39.42	37.90	-59.20	-25.00	34.20	185	233	Horizontal
6	12797.5	34.49	-36.83	39.04	-58.56	-25.00	33.56	140	215	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	4450	43.40	-45.77	30.18	-67.45	-25.00	42.45	168	236	Vertical
2	5414.5	42.93	-45.29	32.39	-65.23	-25.00	40.23	154	37	Vertical
3	7026.5	41.56	-43.72	35.27	-62.15	-25.00	37.15	172	162	Vertical
4	8234.5	40.30	-42.21	36.68	-60.49	-25.00	35.49	196	360	Vertical
5	10058	36.31	-39.17	38.23	-59.89	-25.00	34.89	281	18	Vertical
6	11396.5	34.82	-37.37	38.74	-59.07	-25.00	34.07	140	353	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 141 of 145

Test Band = NSA 5A-N41A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4743.5	43.52	-45.57	30.84	-66.48	-25.00	41.48	148	124	Horizontal
2	6330.5	42.20	-44.50	33.76	-63.80	-25.00	38.80	152	17	Horizontal
3	8242.5	40.14	-42.19	36.68	-60.63	-25.00	35.63	133	34	Horizontal
4	9809.5	36.85	-39.47	37.84	-60.04	-25.00	35.04	231	324	Horizontal
5	11454	34.40	-37.34	38.75	-59.45	-25.00	34.45	166	160	Horizontal
6	13714	34.78	-36.19	40.39	-56.29	-25.00	31.29	147	2	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	4920	43.71	-45.55	31.22	-65.88	-25.00	40.88	165	179	Vertical
2	6475.5	42.39	-44.56	34.22	-63.21	-25.00	38.21	188	234	Vertical
3	7861.5	40.71	-42.62	36.74	-60.43	-25.00	35.43	179	358	Vertical
4	9911.5	37.08	-39.32	38.03	-59.47	-25.00	34.47	142	288	Vertical
5	12334.5	35.37	-37.46	38.90	-58.45	-25.00	33.45	150	144	Vertical
6	14317.5	34.39	-35.92	41.03	-55.77	-25.00	30.77	166	54	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 142 of 145

Test Band = NSA 5A-N41A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4920.5	43.53	-45.55	31.23	-66.06	-25.00	41.06	179	1	Horizontal
2	6153.5	41.99	-44.62	33.19	-64.69	-25.00	39.69	191	6	Horizontal
3	7408.5	42.01	-43.39	36.34	-60.29	-25.00	35.29	142	2	Horizontal
4	8454	40.00	-41.54	36.57	-60.23	-25.00	35.23	222	160	Horizontal
5	10250.5	36.45	-39.29	38.33	-59.78	-25.00	34.78	103	251	Horizontal
6	13711	34.11	-36.19	40.38	-56.96	-25.00	31.96	160	234	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	4925	43.48	-45.56	31.24	-66.10	-25.00	41.10	248	323	Vertical
2	6335	41.85	-44.49	33.77	-64.13	-25.00	39.13	176	270	Vertical
3	7307.5	40.83	-43.72	36.06	-62.09	-25.00	37.09	166	341	Vertical
4	8405	40.15	-41.46	36.60	-59.97	-25.00	34.97	142	306	Vertical
5	10574	35.86	-38.56	38.49	-59.47	-25.00	34.47	182	358	Vertical
6	12688.5	33.88	-36.79	39.01	-59.16	-25.00	34.16	130	178	Vertical



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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 143 of 145

Test Band = NSA 5A-N41A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4925.5	43.60	-45.56	31.24	-65.98	-25.00	40.98	186	53	Horizontal
2	6708	41.88	-43.84	34.67	-62.54	-25.00	37.54	152	0	Horizontal
3	7781.5	40.63	-42.46	36.71	-60.38	-25.00	35.38	142	180	Horizontal
4	9172	38.33	-40.28	36.63	-60.58	-25.00	35.58	159	1	Horizontal
5	10716.5	35.79	-38.00	38.56	-58.91	-25.00	33.91	135	89	Horizontal
6	12255	34.23	-37.45	38.88	-59.60	-25.00	34.60	122	2	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	4406	43.00	-45.81	30.07	-68.00	-25.00	43.00	175	89	Vertical
2	5100.5	42.47	-45.37	31.64	-66.52	-25.00	41.52	142	340	Vertical
3	5879.5	42.98	-44.92	32.68	-64.53	-25.00	39.53	126	305	Vertical
4	7012.5	41.38	-43.63	35.24	-62.28	-25.00	37.28	153	352	Vertical
5	8581.5	39.68	-41.38	36.51	-60.45	-25.00	35.45	251	141	Vertical
6	10711.5	35.20	-37.96	38.56	-59.47	-25.00	34.47	186	178	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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Report No.: SEWM2306000193RG02

Rev.: 01

Page: 144 of 145

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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-14.10	-0.01	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-14.00	-0.01	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-13.20	-0.01	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-18.70	-0.01	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-17.80	-0.01	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-12.20	0.00	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-9.000000	-0.003471	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-10.300000	-0.003972	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-11.800000	-0.004551	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-12.400000	-0.004782	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-12.400000	-0.004782	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-23.800000	-0.009179	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-13.200000	-0.005091	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-15.900000	-0.006132	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-14.800000	-0.005708	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-9.900000	-0.003818	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-14.100000	-0.005438	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-20.500000	-0.007906	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-13.900000	-0.005361	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-12.800000	-0.004936	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-12.900000	-0.004975	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-16.200000	-0.006248	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-14.600000	-0.005631	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-9.100000	-0.003509	PASS

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