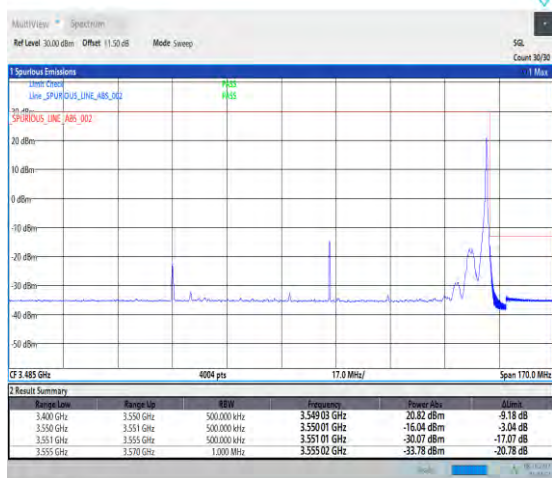


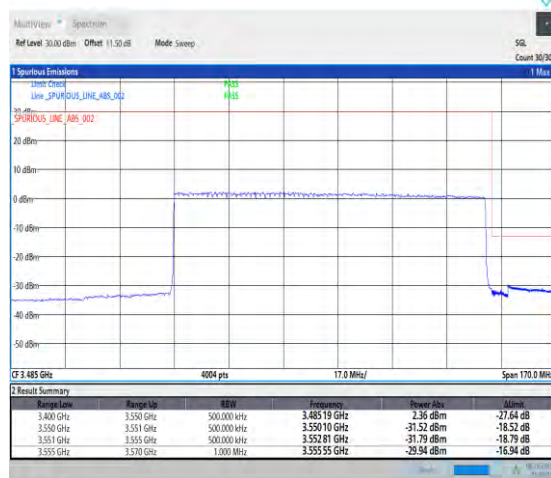
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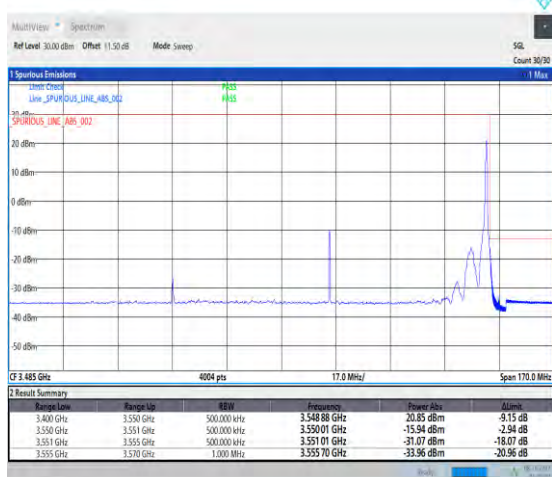
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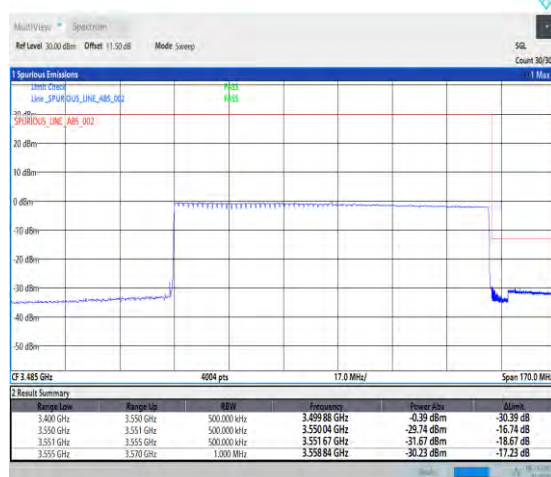
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1-N77-3450-3550-PC2-30-100-H-3-DFT-QPSK-Ou ter_Full-270@0-Ant1-1--PASS-see graph



20:19:08 08.10.2022



20:59:44 08.10.2022

1-N77-3450-3550-PC2-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

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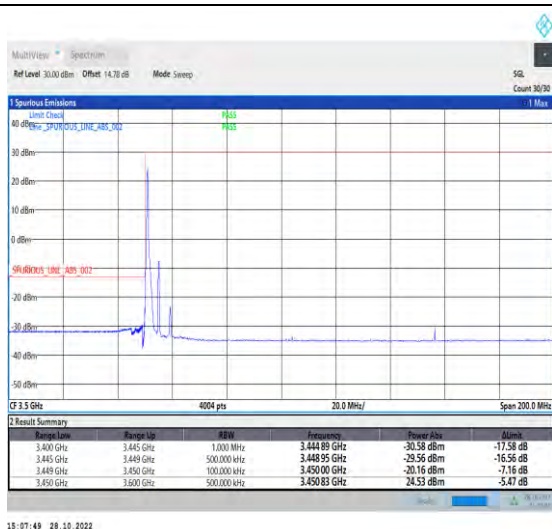
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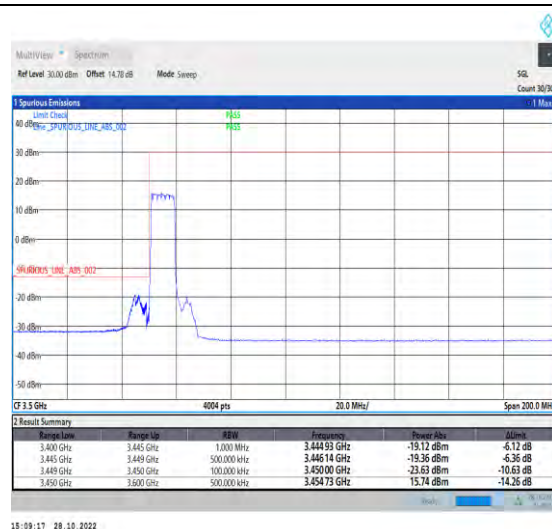
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Band Edge for SA MIMO

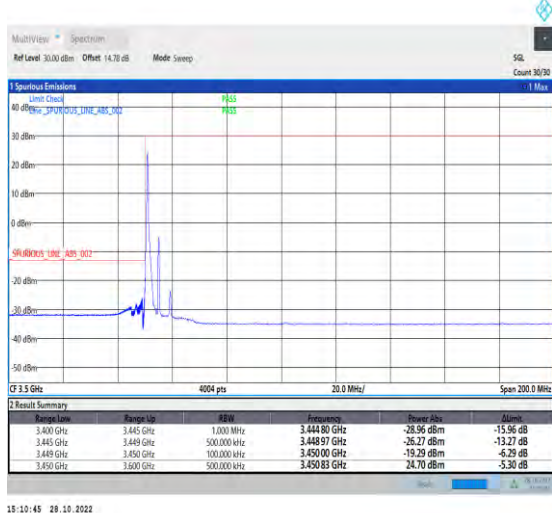
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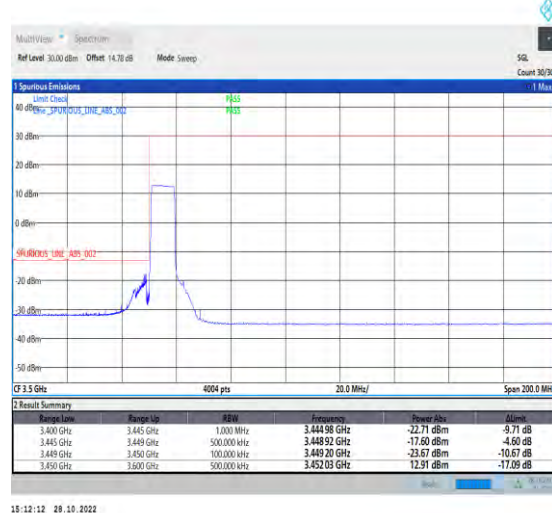
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1-N77-3450-3550-PC2-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N77-3450-3550-PC2-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N77-3450-3550-PC2-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



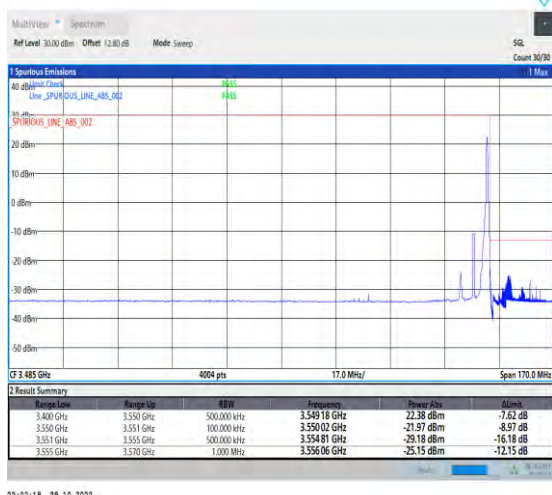
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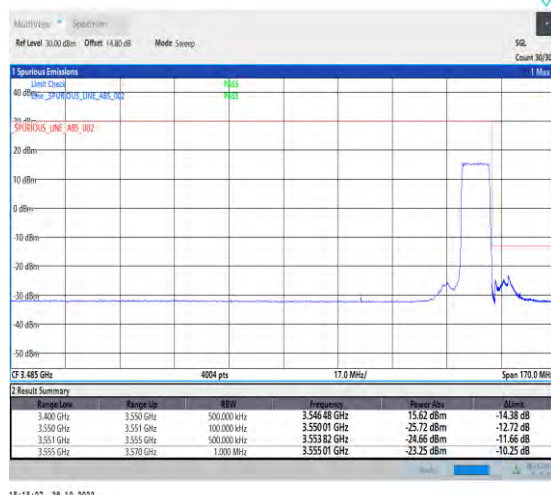
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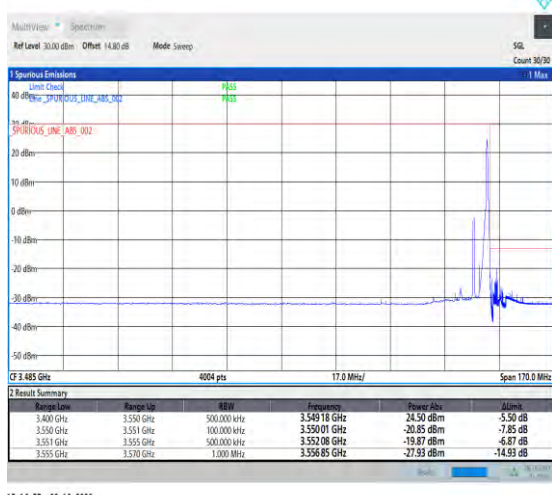
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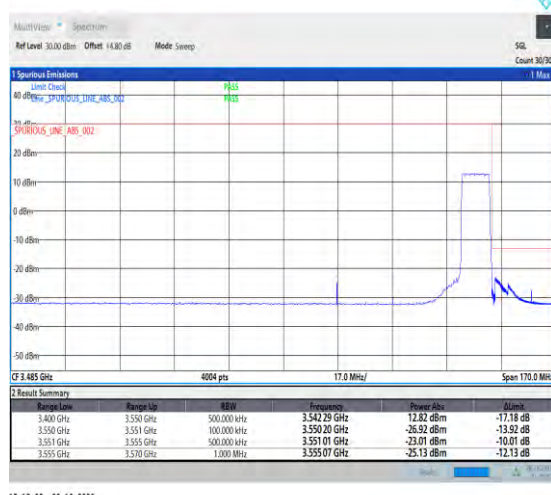
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1-N77-3450-3550-PC2-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



15:14:57 29.10.2022

1-N77-3450-3550-PC2-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph



15:18:22 29.10.2022

1-N77-3450-3550-PC2-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



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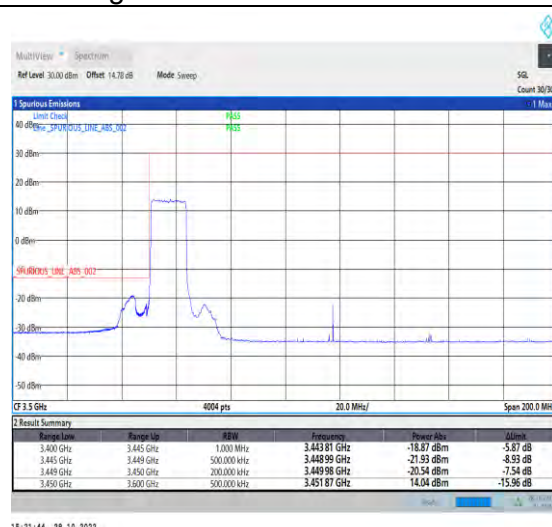
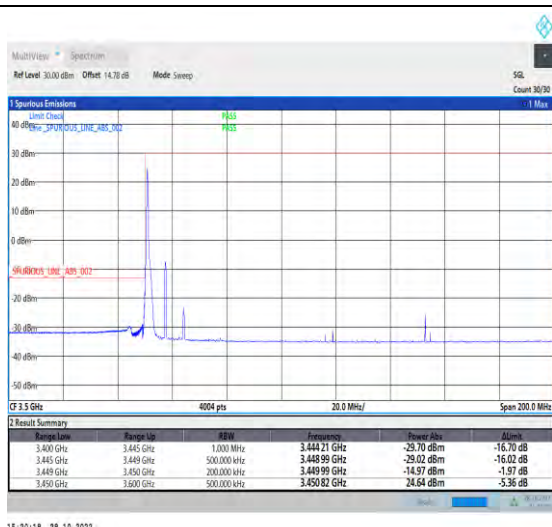
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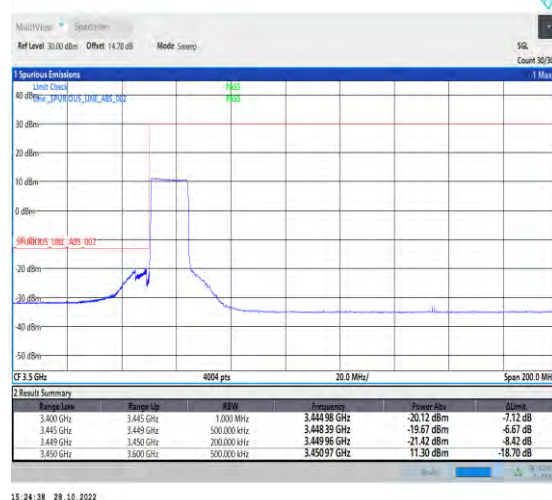
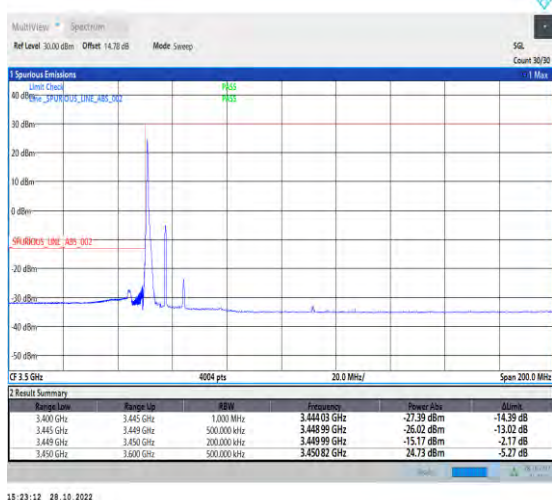
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1-N77-3450-3550-PC2-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N77-3450-3550-PC2-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



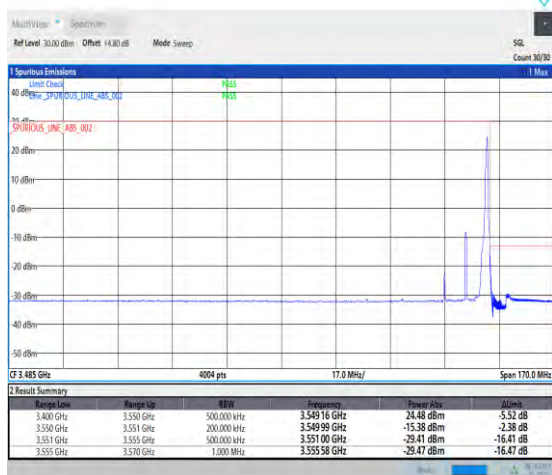
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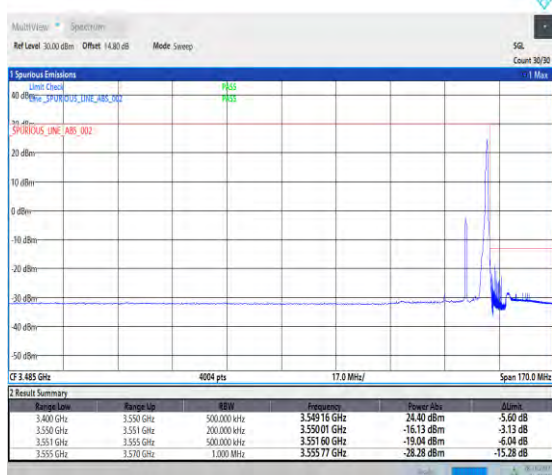
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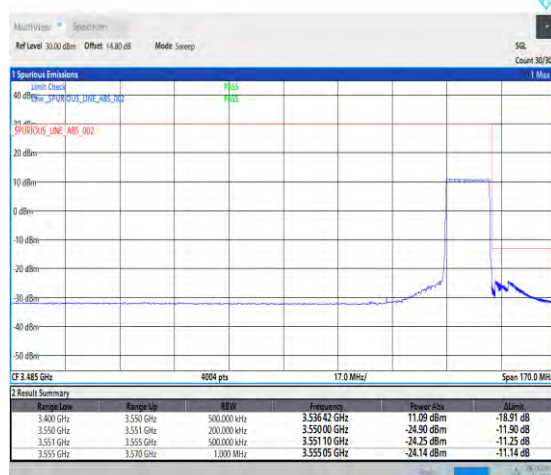
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15:30:49 29.10.2022

1-N77-3450-3550-PC2-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph



15:32:15 29.10.2022

1-N77-3450-3550-PC2-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



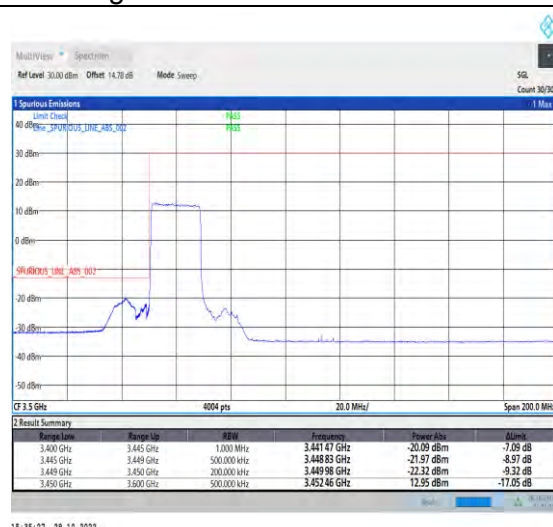
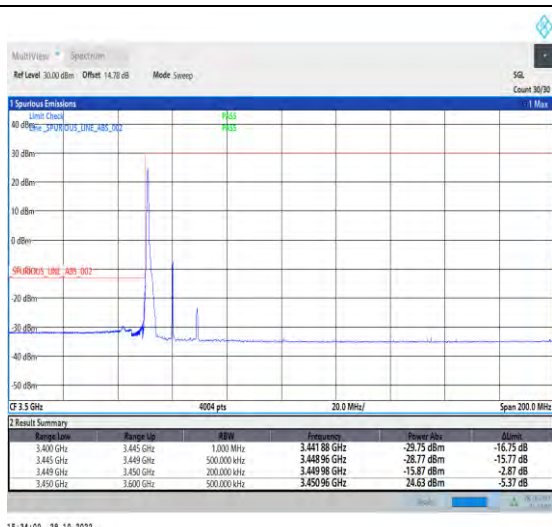
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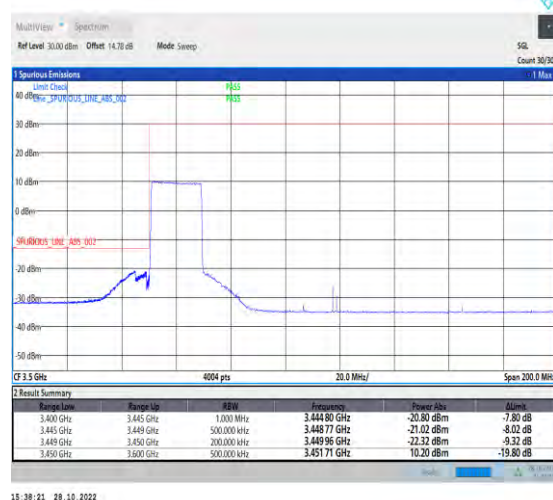
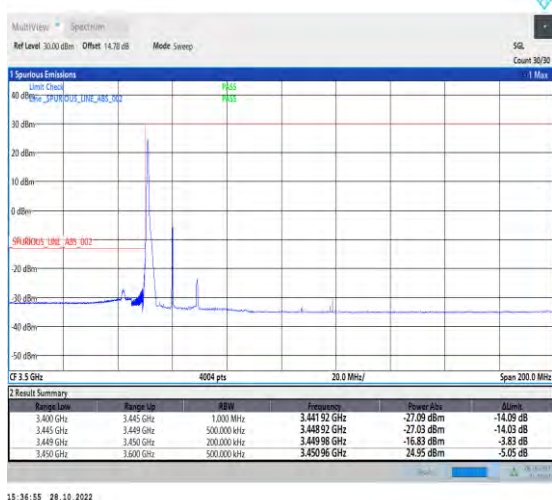
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1-N77-3450-3550-PC2-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N77-3450-3550-PC2-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph



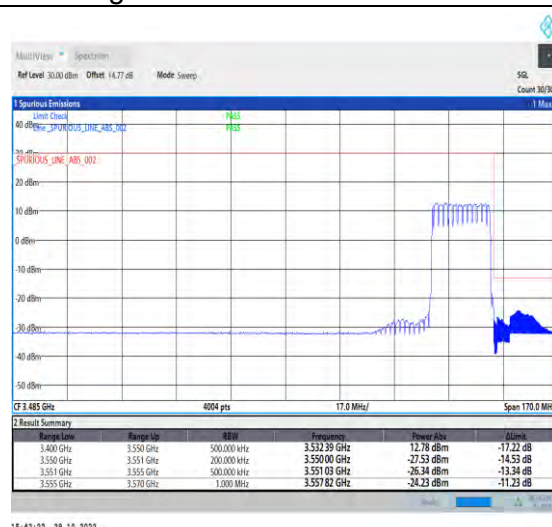
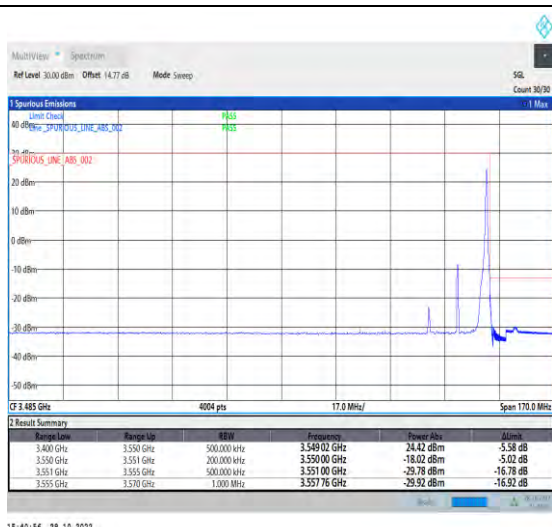
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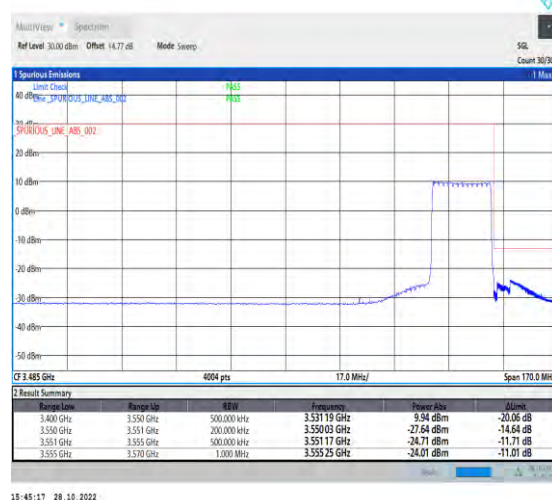
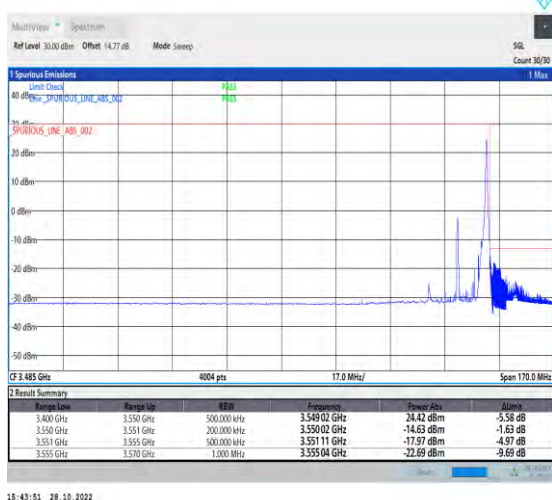
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1-N77-3450-3550-PC2-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N77-3450-3550-PC2-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph

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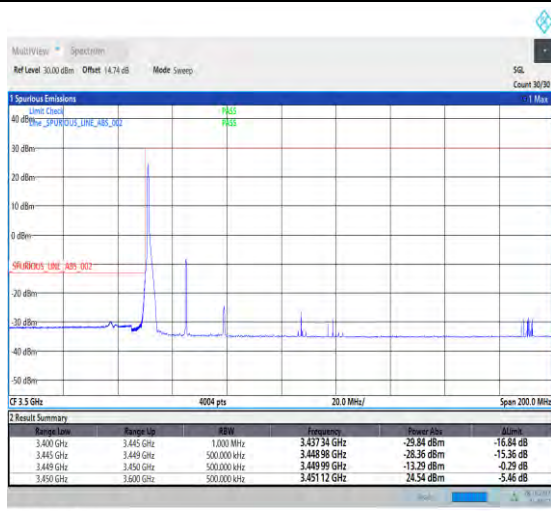
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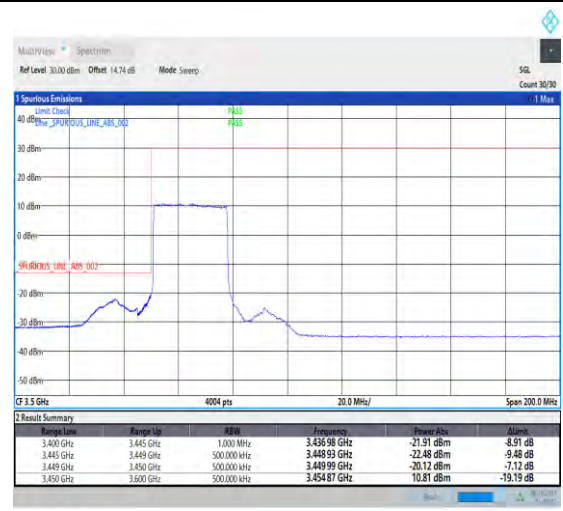
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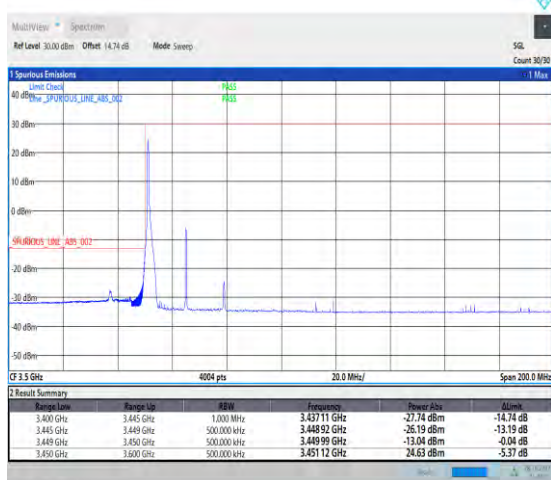
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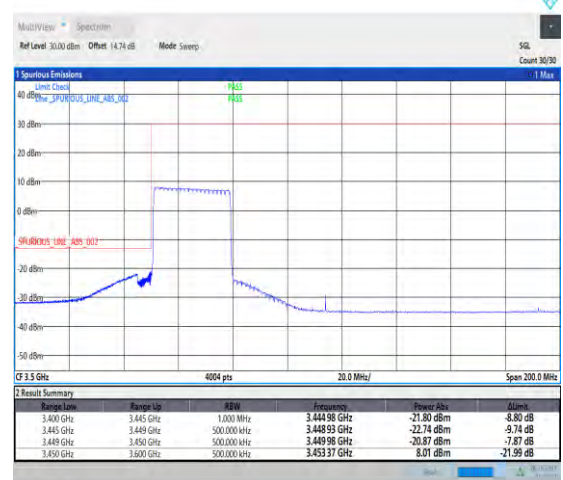
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15:51:18 29.10.2022

1-N77-3450-3550-PC2-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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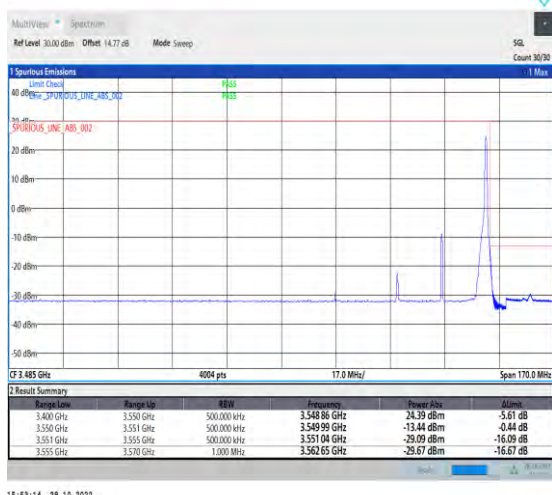
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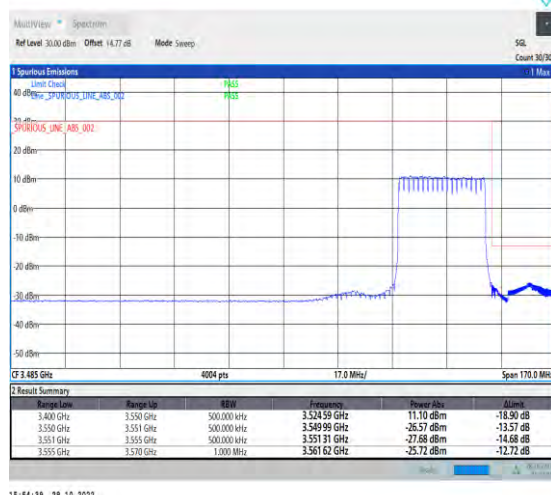
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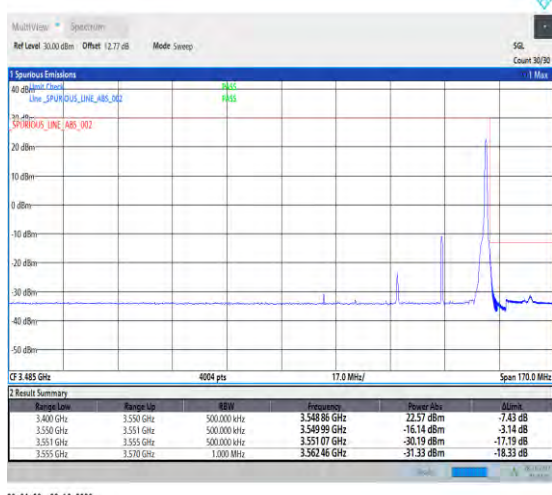
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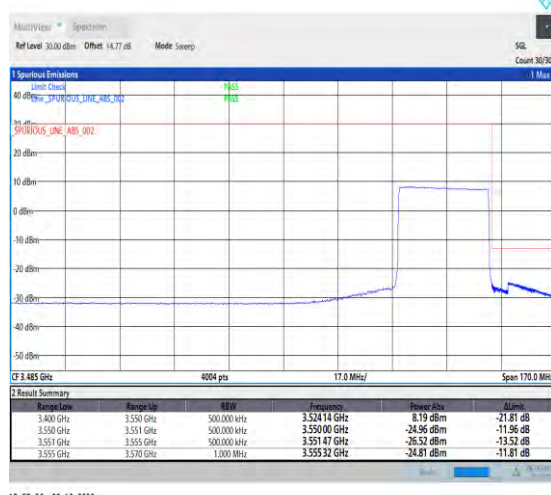
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22:04:03 29.10.2022

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15:57:36 29.10.2022

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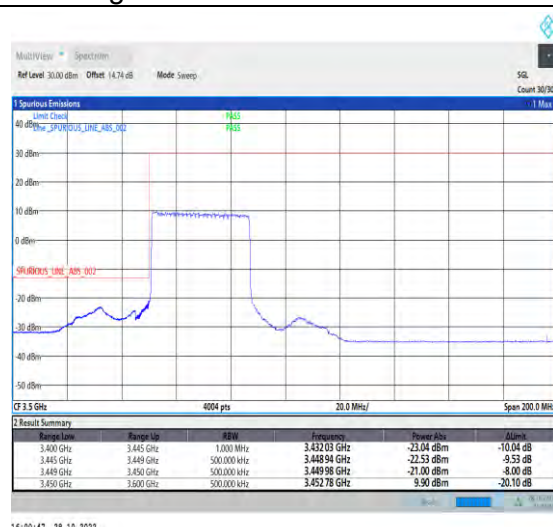
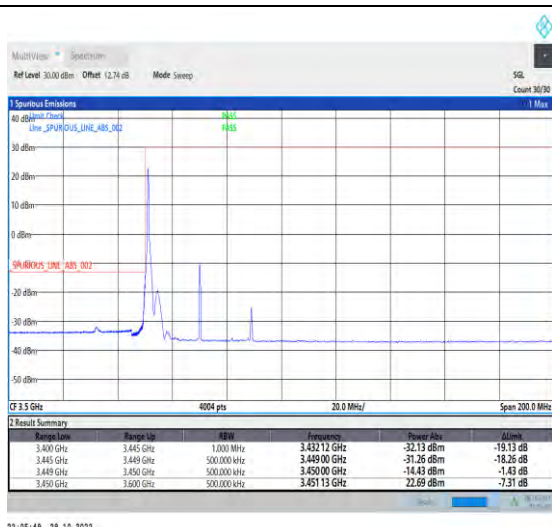
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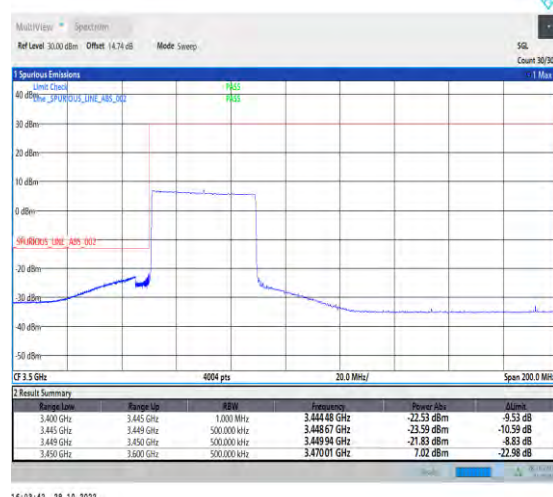
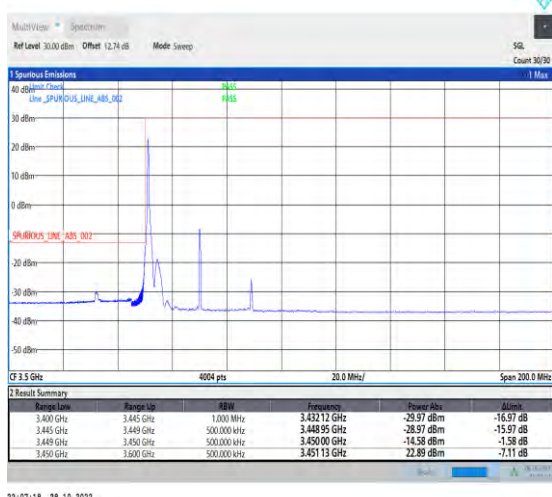
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1-N77-3450-3550-PC2-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N77-3450-3550-PC2-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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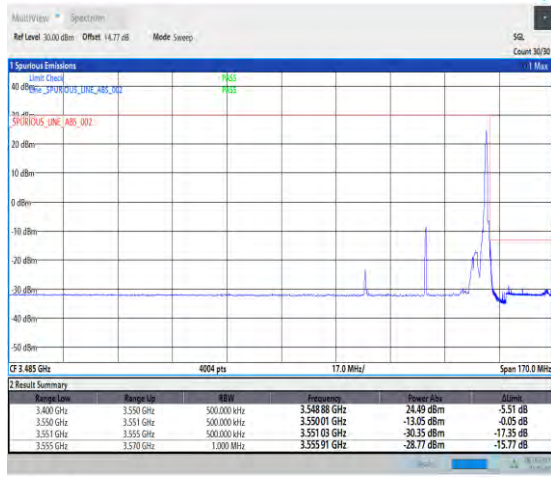
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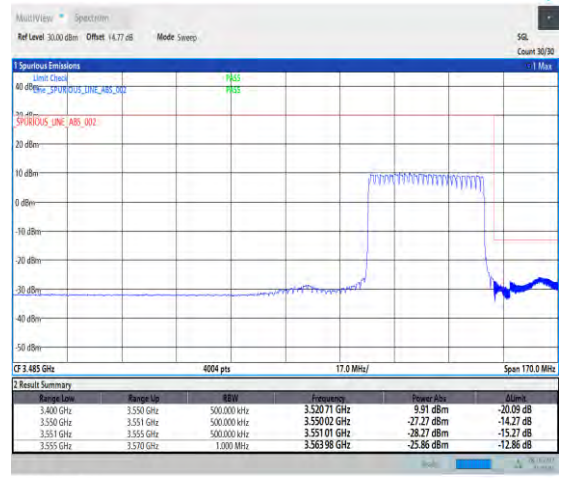
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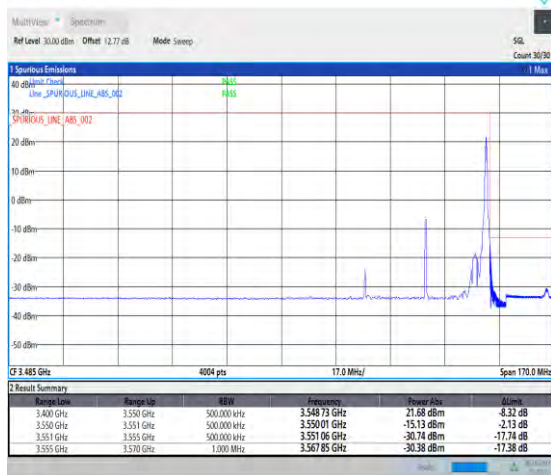
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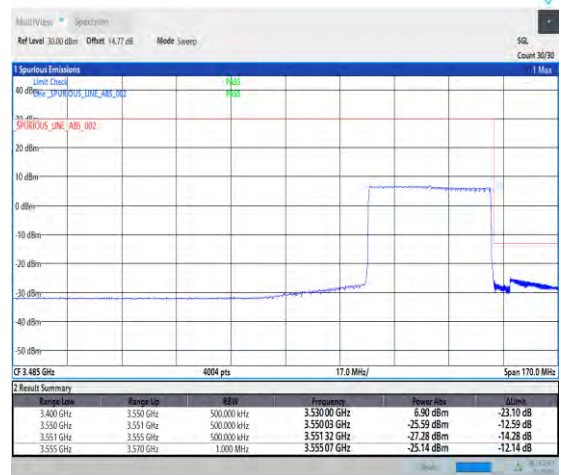
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13:38:16 30.10.2022

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16:10:07 29.10.2022

1-N77-3450-3550-PC2-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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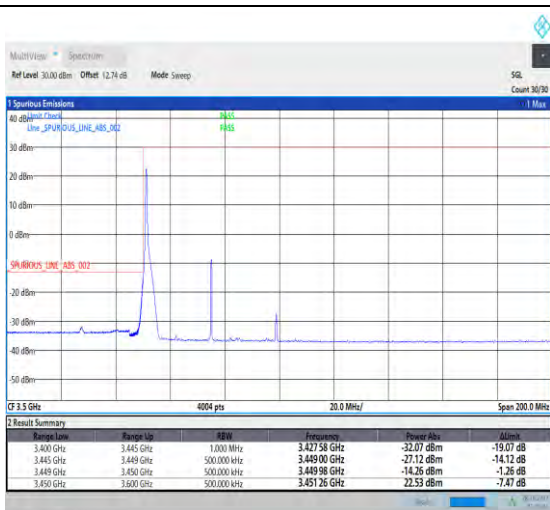
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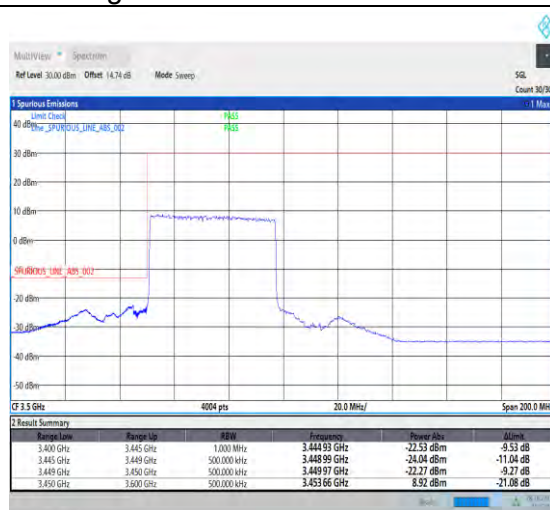
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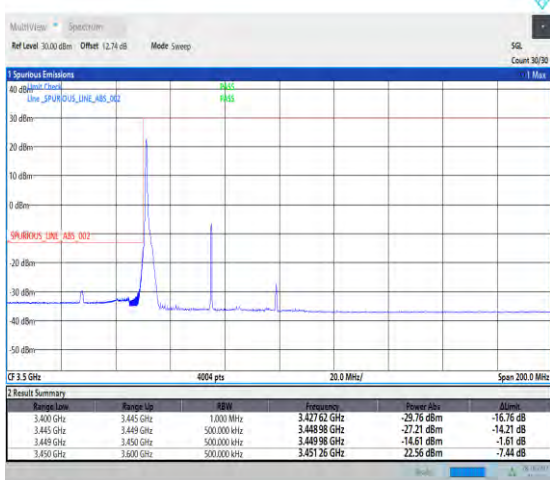
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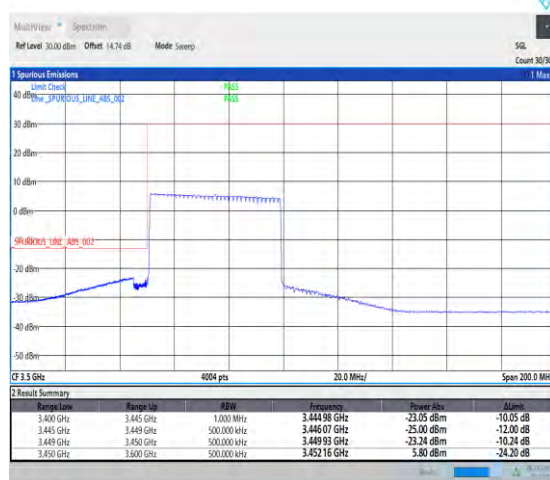
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22:12:14 29.10.2022

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16:16:16 29.10.2022

1-N77-3450-3550-PC2-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph



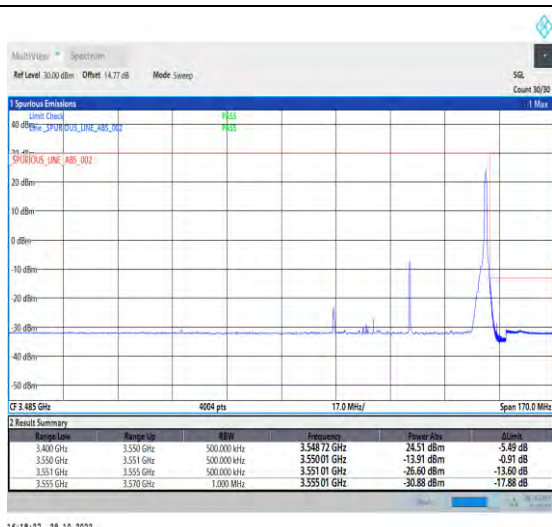
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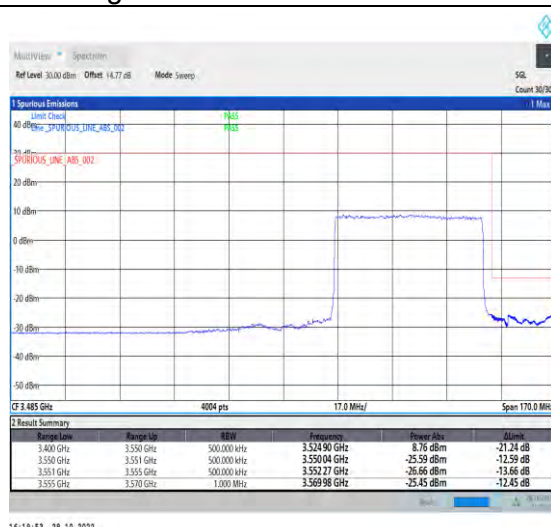
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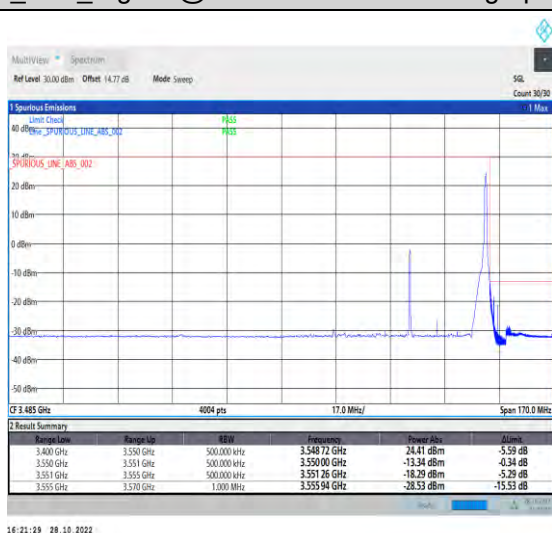
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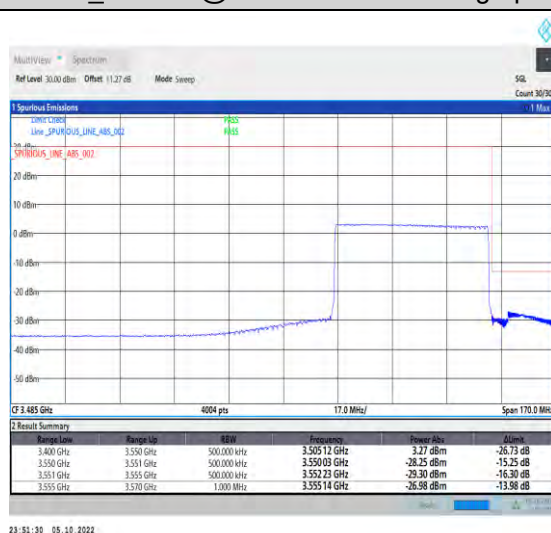
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16:21:29 28.10.2022

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23:51:30 05.10.2022

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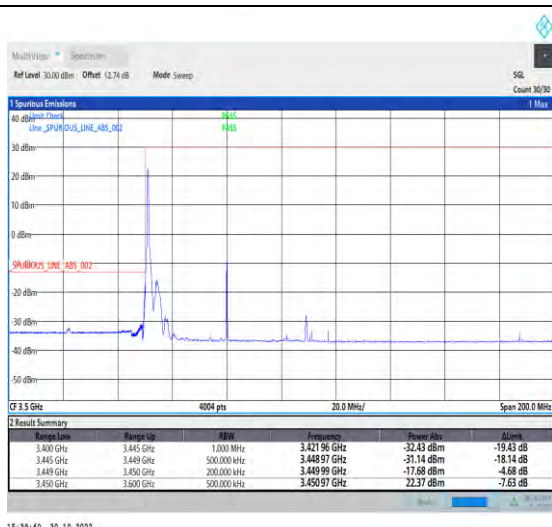
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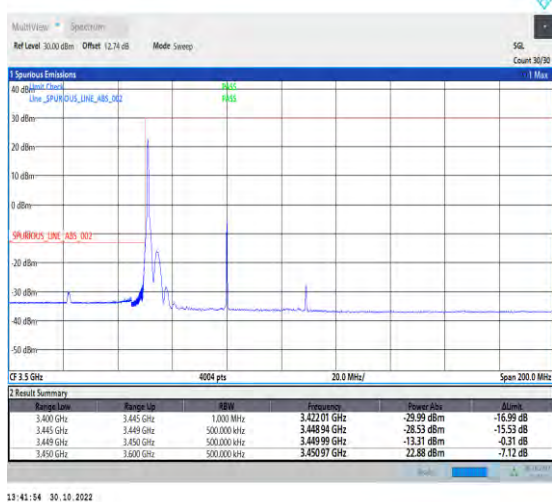
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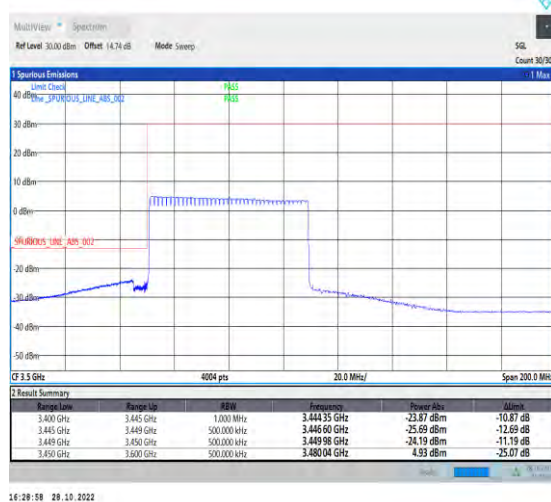
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1-N77-3450-3550-PC2-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3450-3550-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



13:41:54 30.10.2022



16:28:58 29.10.2022

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1-N77-3450-3550-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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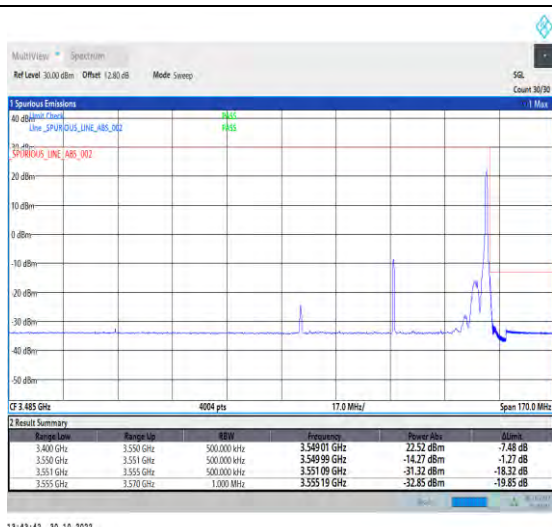
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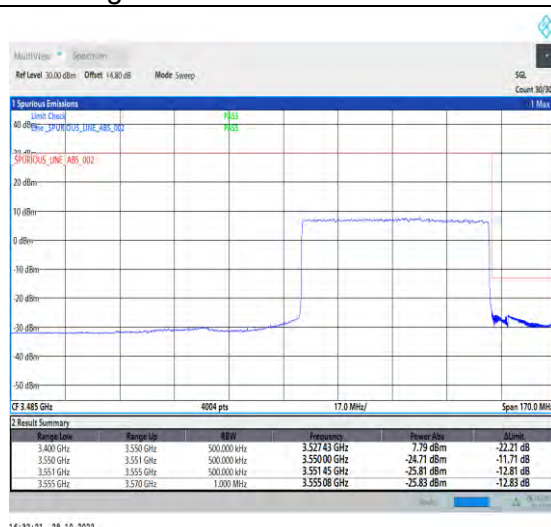
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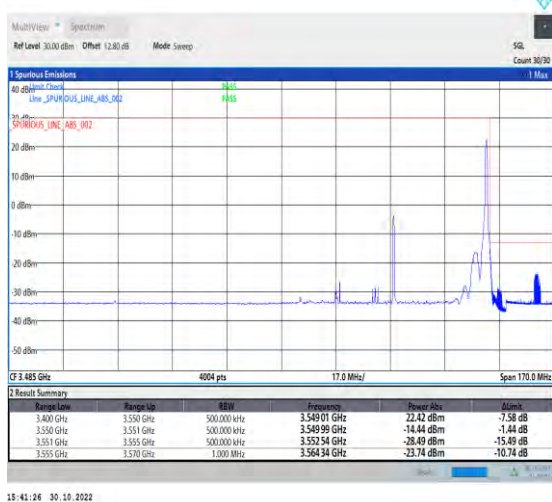
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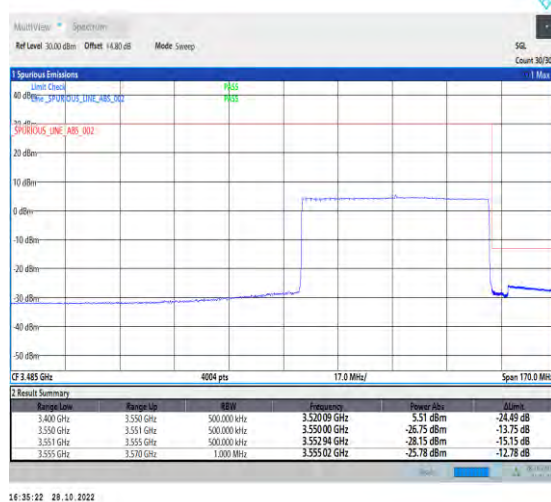
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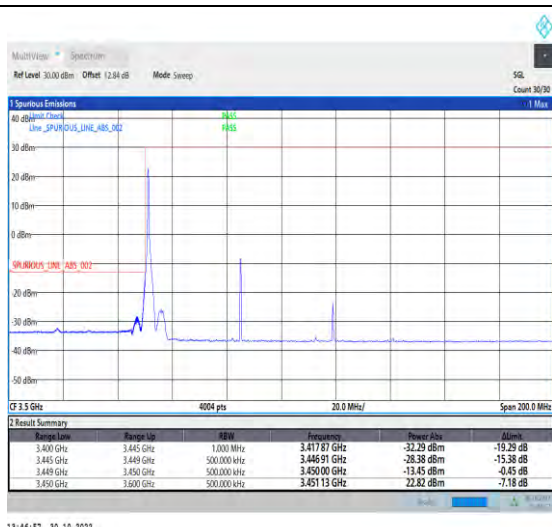
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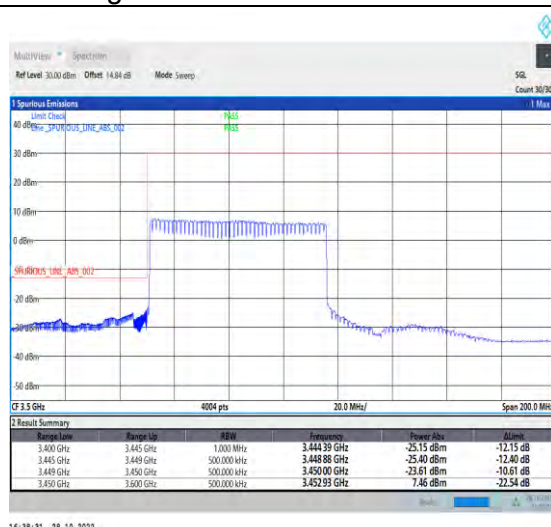
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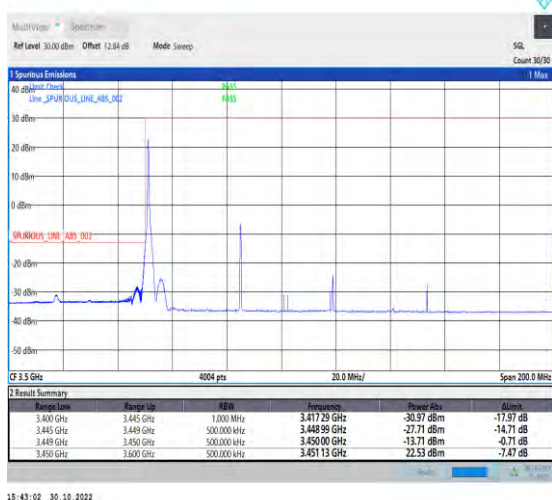
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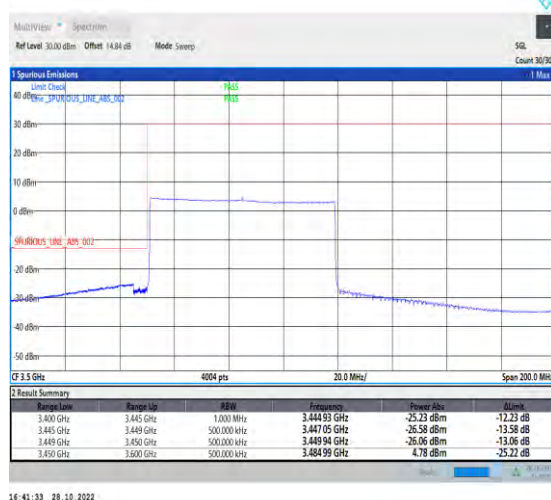
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15:43:02 30.10.2022

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16:41:33 29.10.2022

1-N77-3450-3550-PC2-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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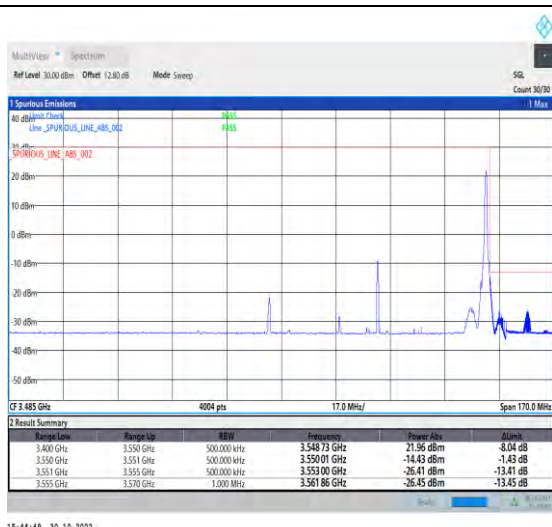
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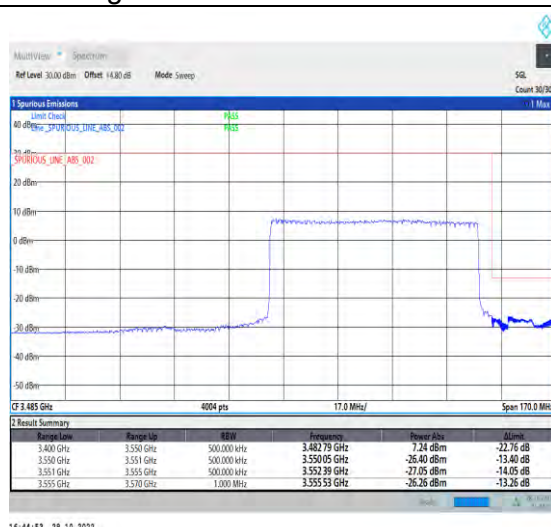
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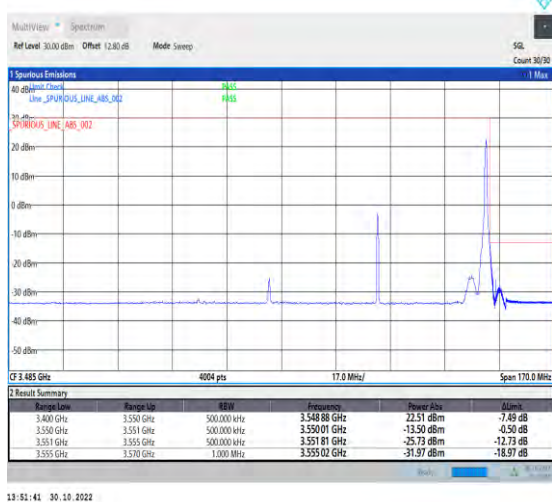
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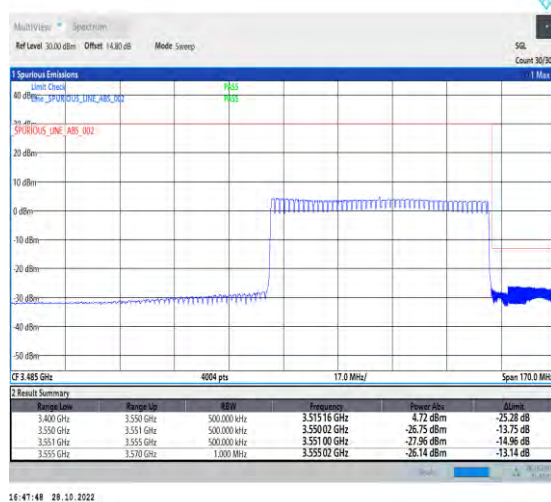
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13:52:41 30.10.2022

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16:47:48 29.10.2022

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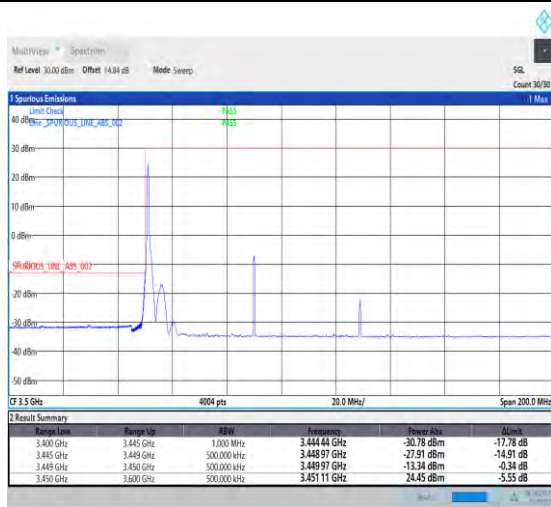
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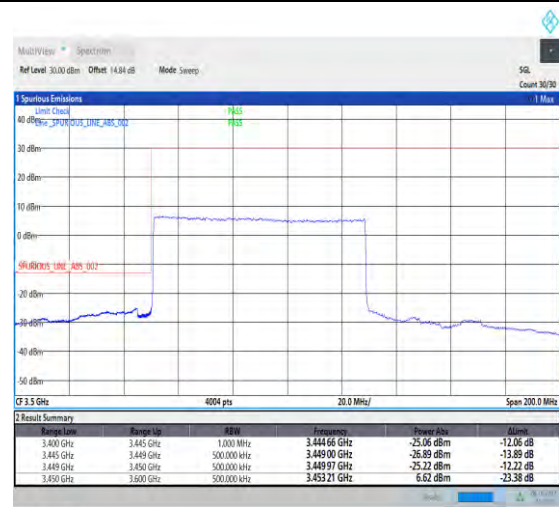
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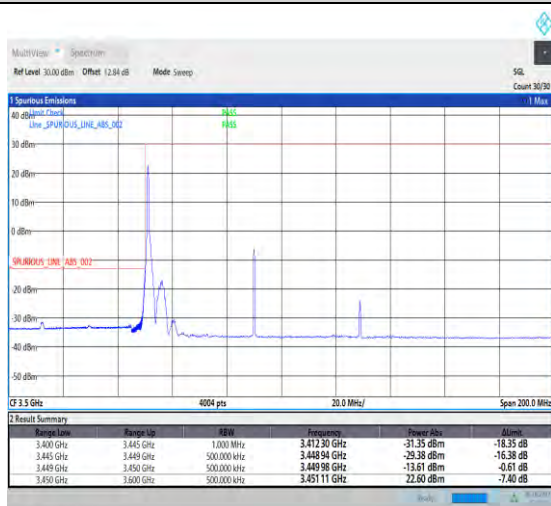
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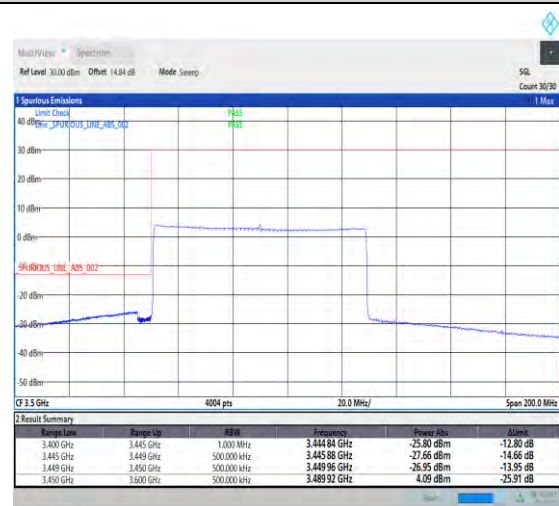
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1-N77-3450-3550-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



13:53:14 30.10.2022



16:53:51 29.10.2022

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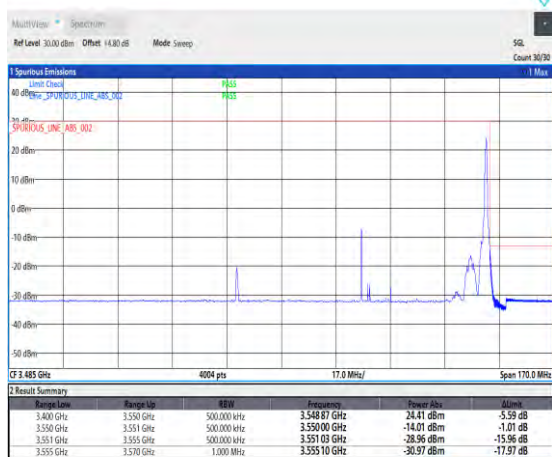
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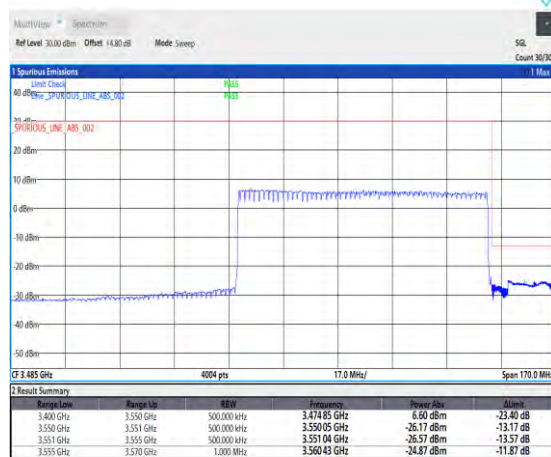
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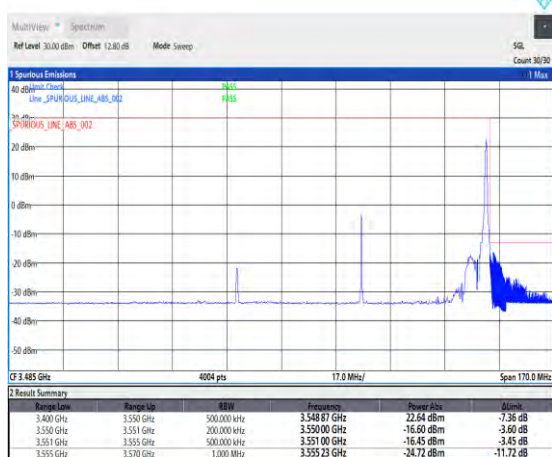
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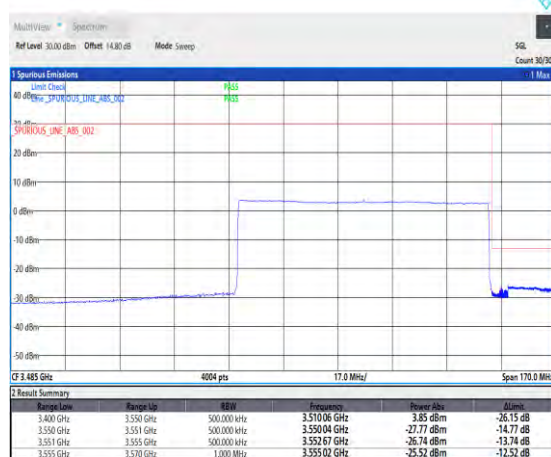
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13:55:10 30.10.2022

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17:00:20 29.10.2022

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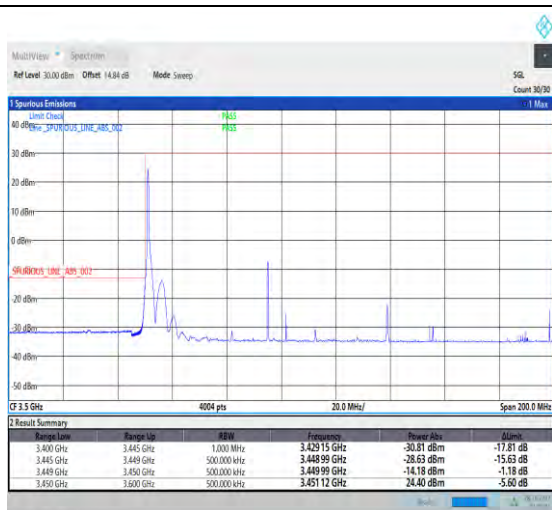
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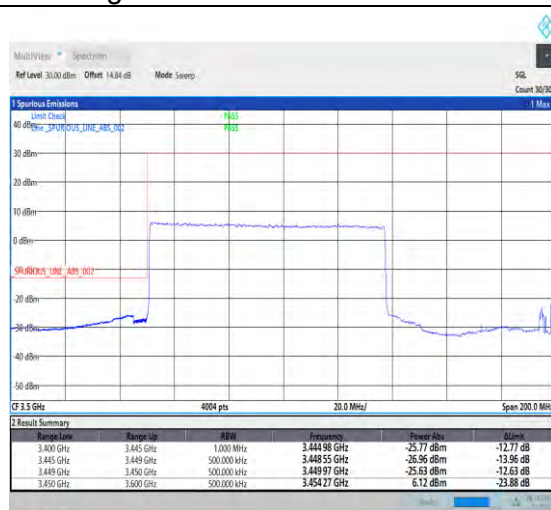
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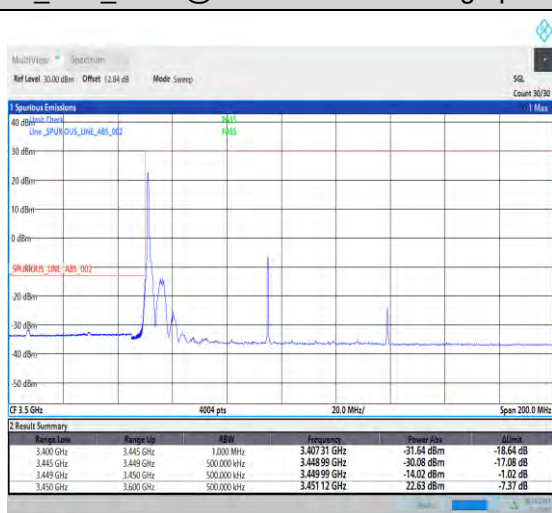
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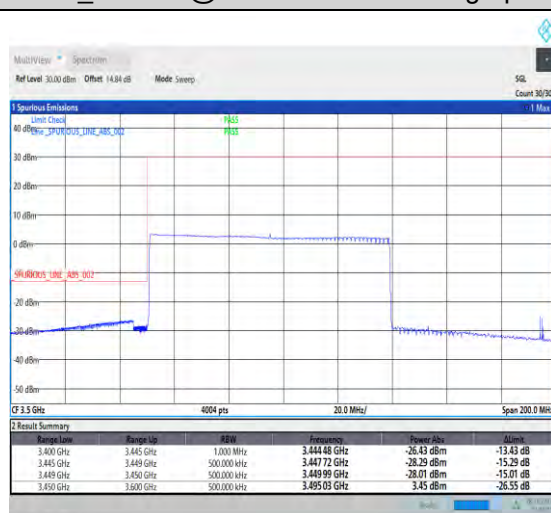
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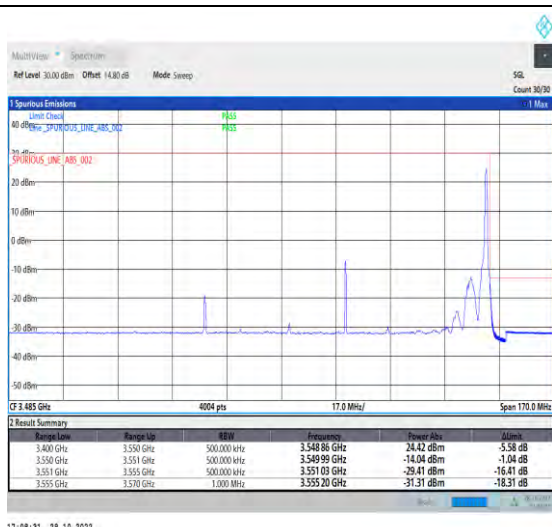
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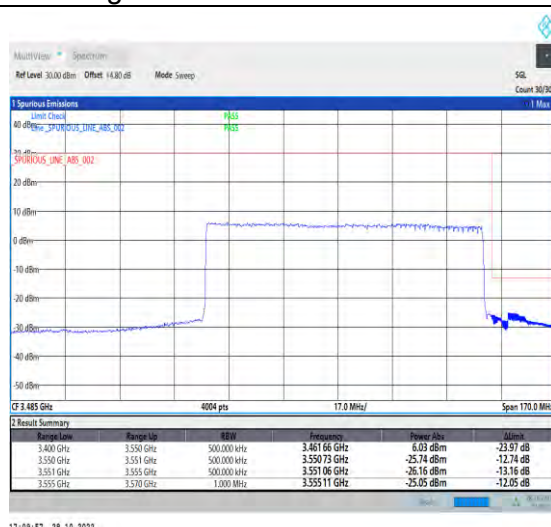
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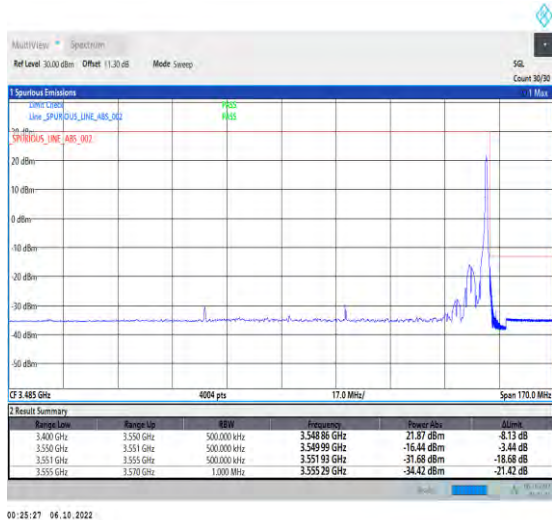
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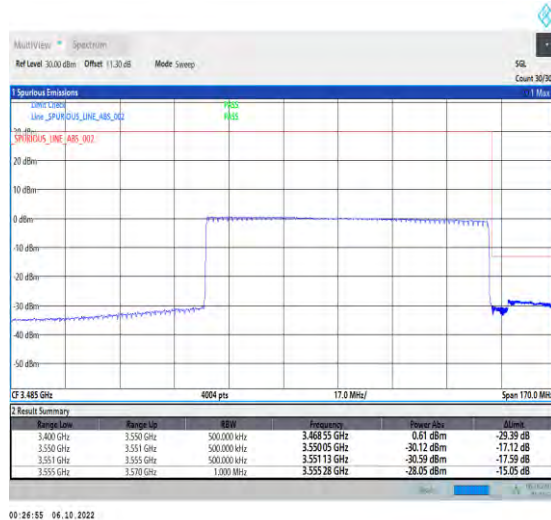
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00:26:55 06.10.2022

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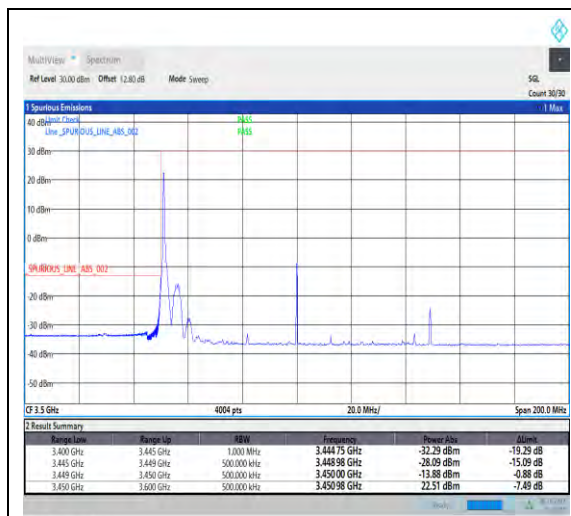
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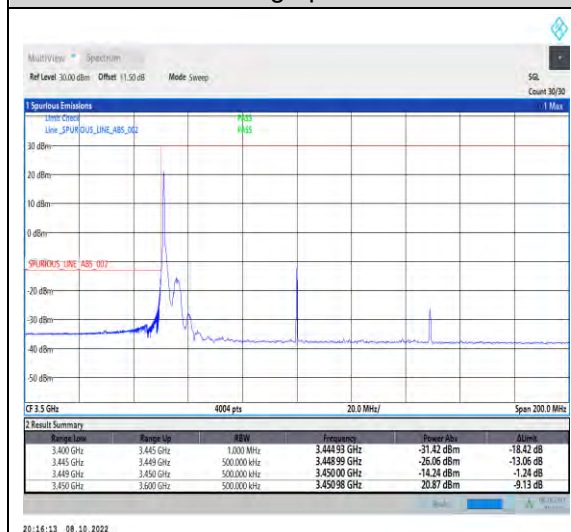
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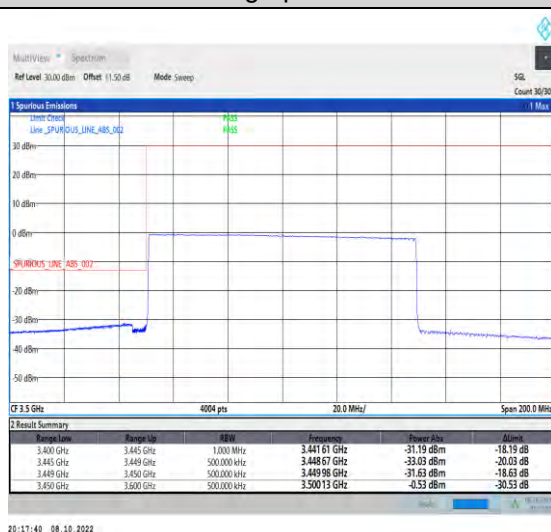
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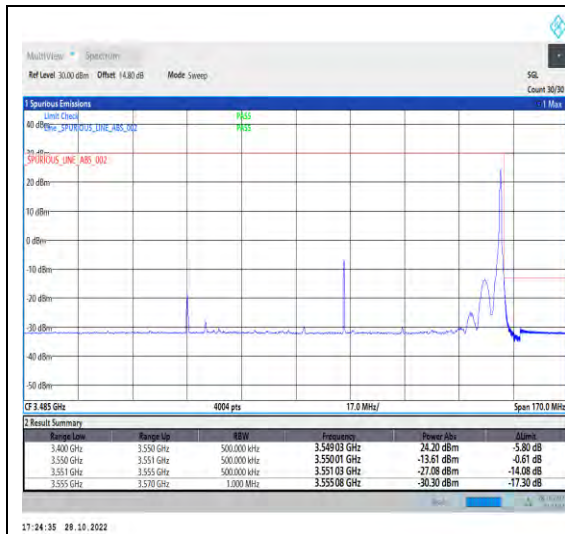


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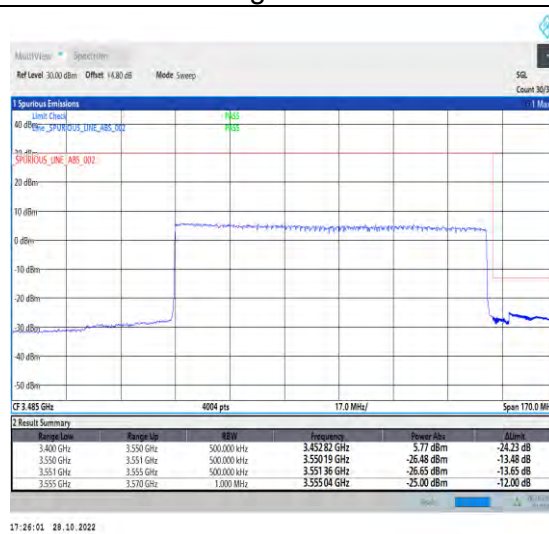


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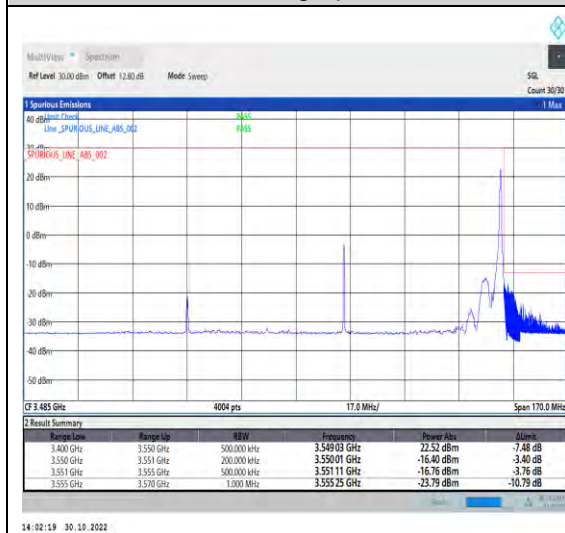
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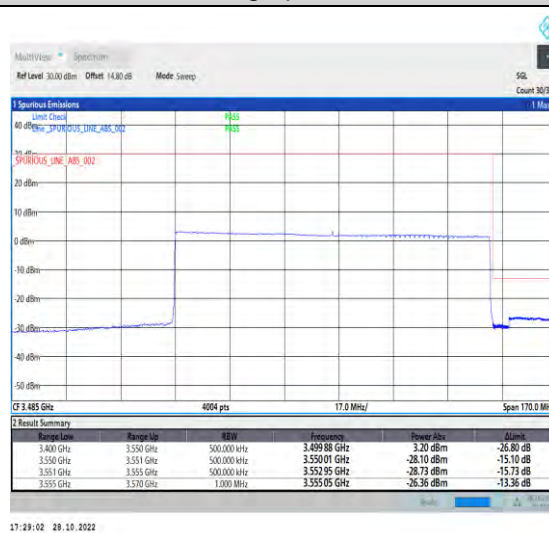
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S-see graph



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graph



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1-N77-3450-3550-PC2-30-100-H-6-CP-QPS
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graph



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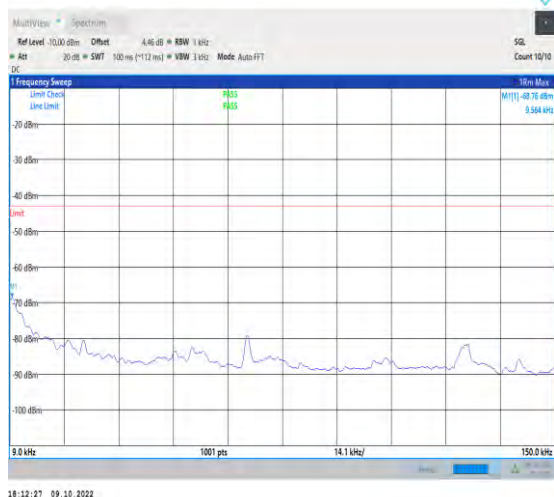
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Rev.: 01

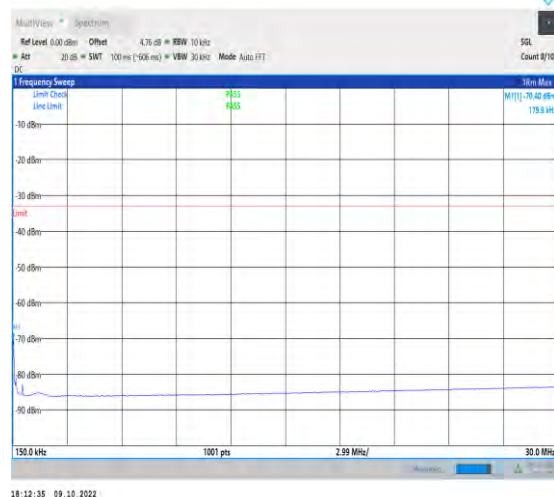
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Conducted Spurious Emission for SA

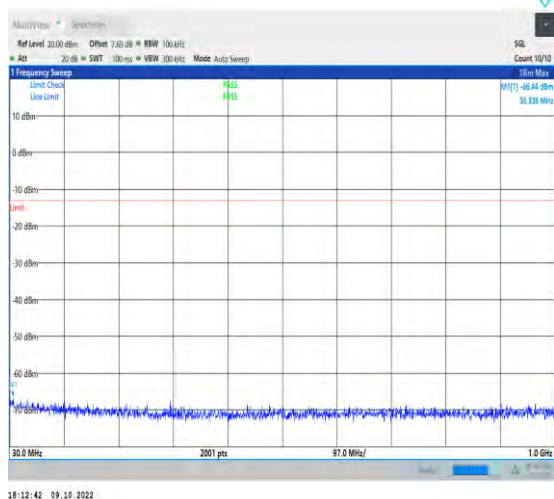
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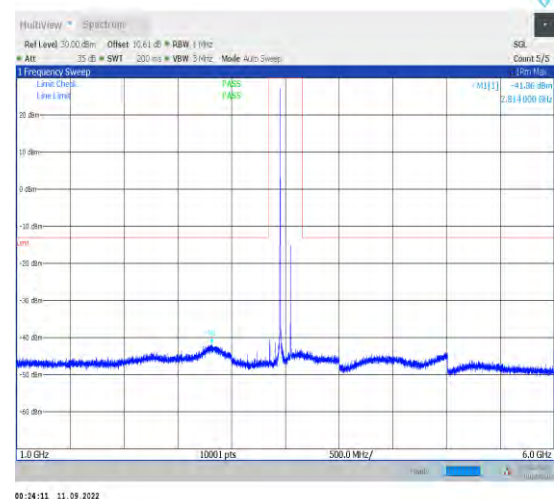
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1-N77-3450-3550-PC2-30-100-L-1-DFT-QPSK-Inner_1RB_Left-1@1-30-1000-Ant1-35.34--66.44--13-PA SS



1-N77-3450-3550-PC2-30-100-L-1-DFT-QPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5953.50--35.03--13 -PASS



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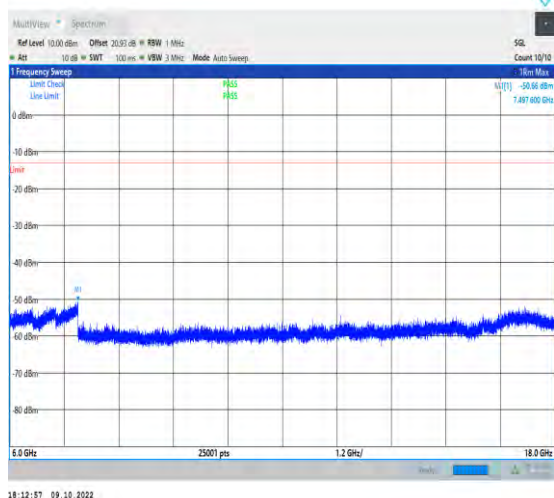
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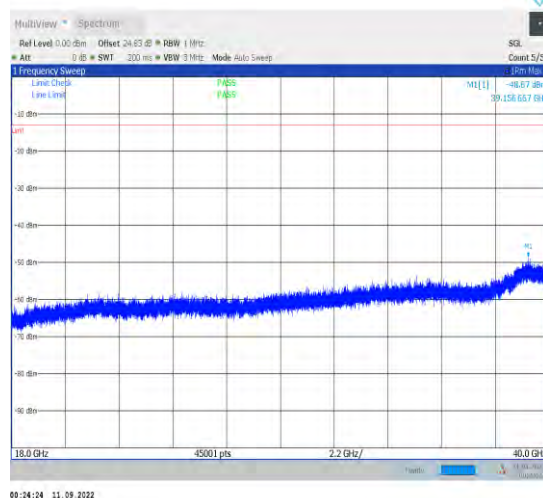
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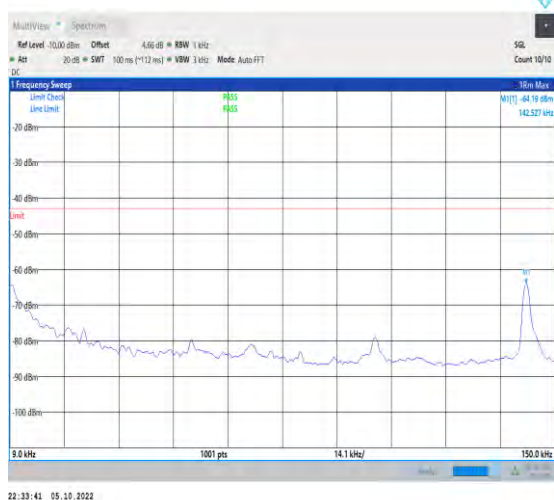
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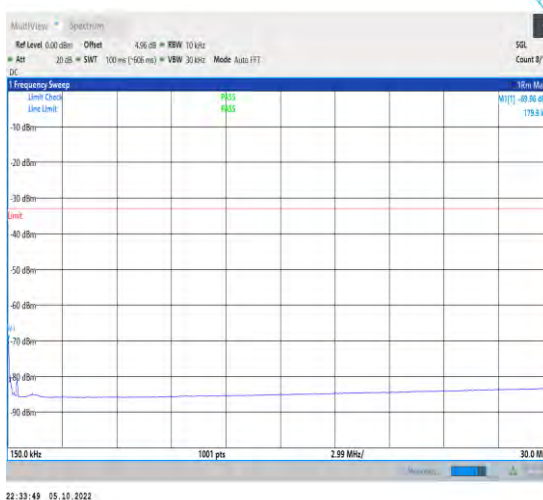
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1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.14--64.19--43-PASS



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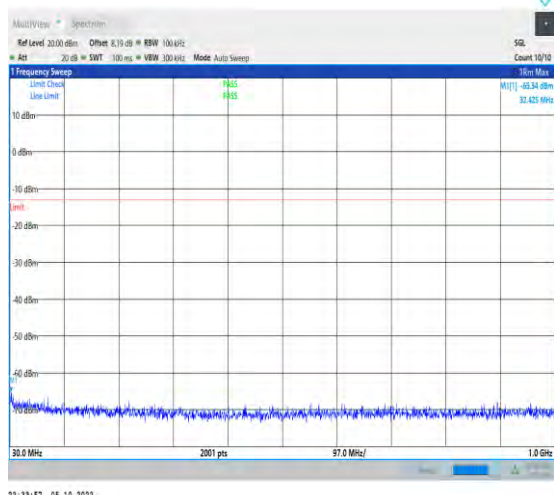
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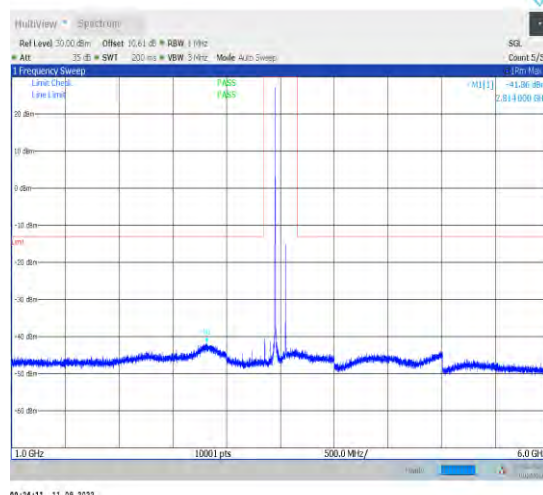
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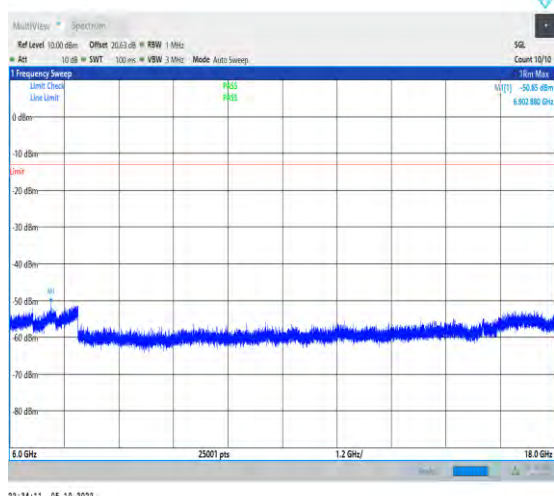
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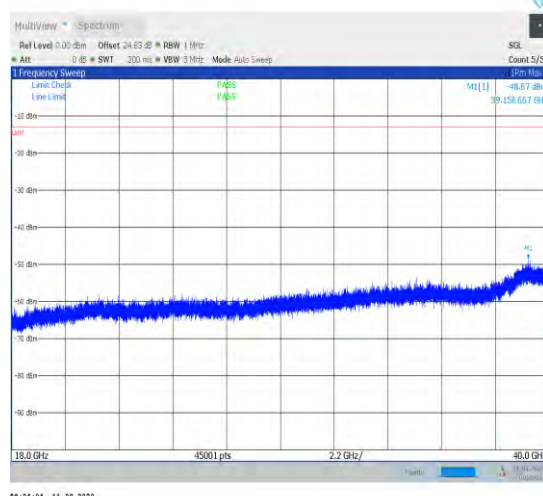
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SS



1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Inner
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-PASS



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-13-PASS



1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Inner
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-13-PASS



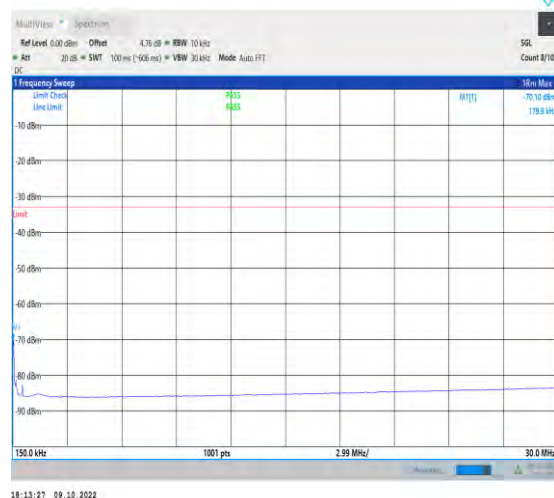
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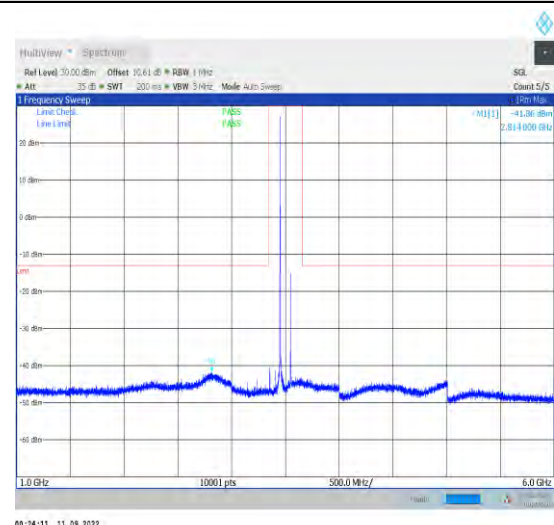
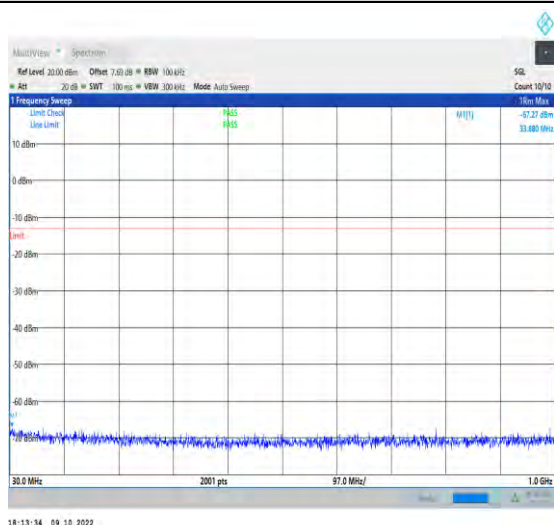
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ASS

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SS

1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Inner
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-PASS



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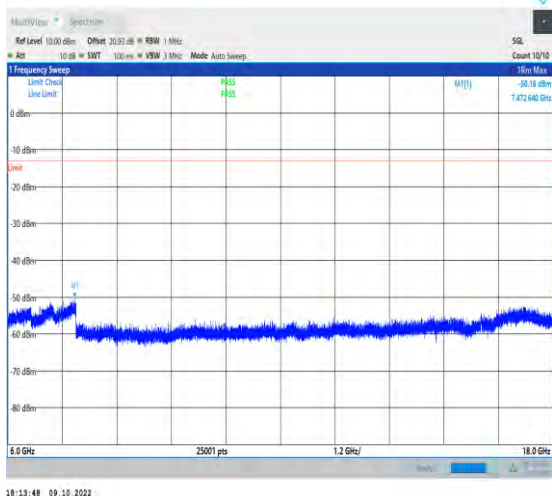
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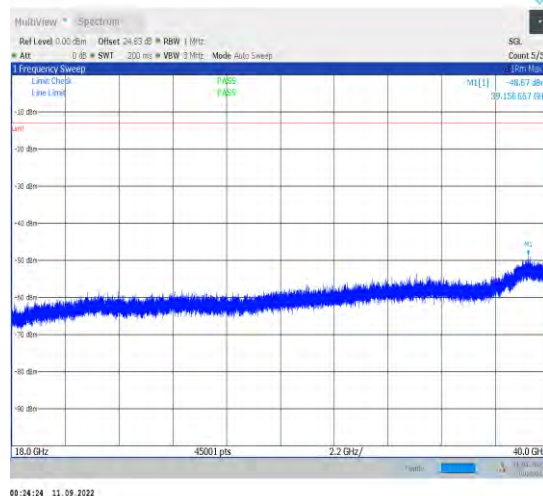
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-13-PASS



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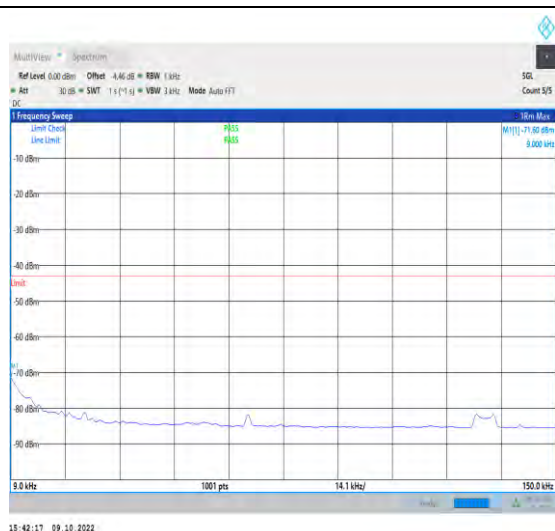
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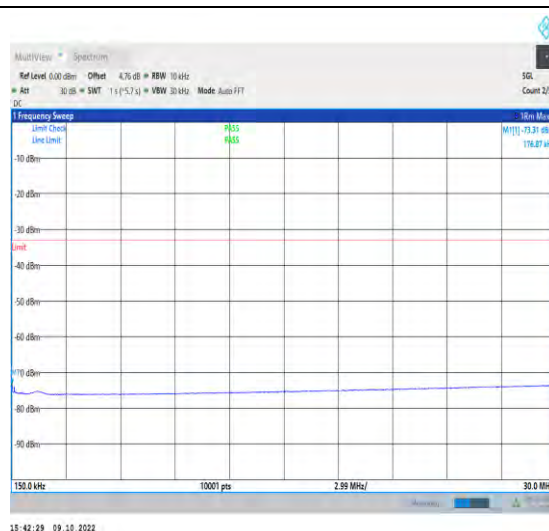
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Conducted Spurious Emission for SA MIMO

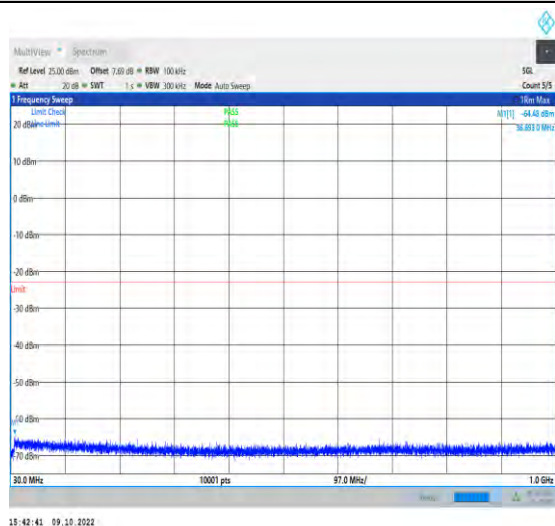
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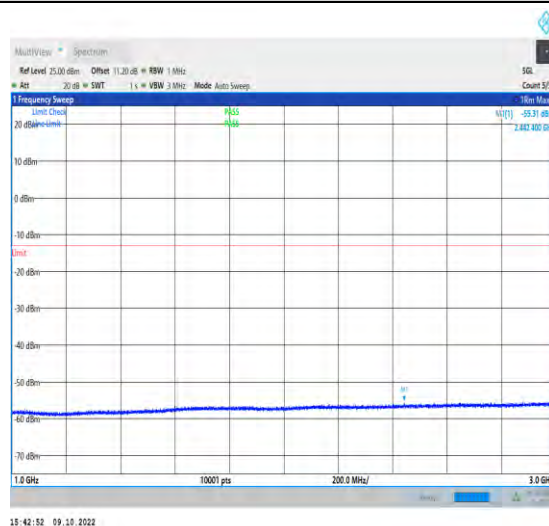
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1-N77-3450-3550-PC2-30-100-L-1-DFT-QPSK-Edge
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SS



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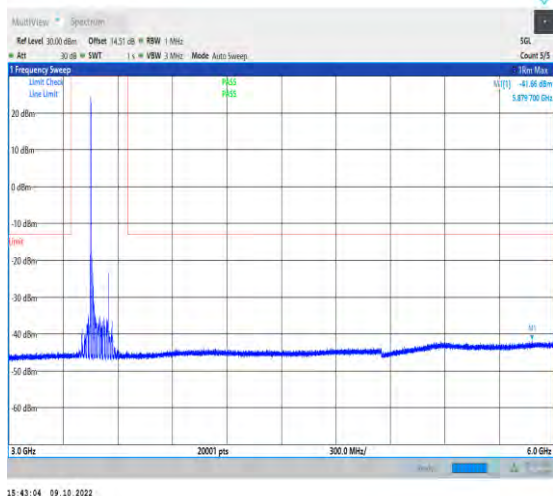
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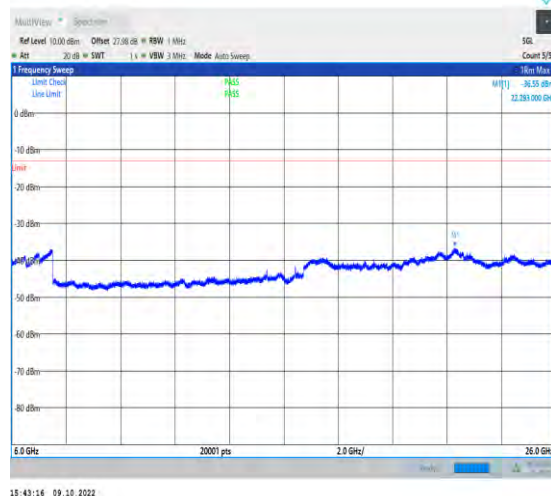
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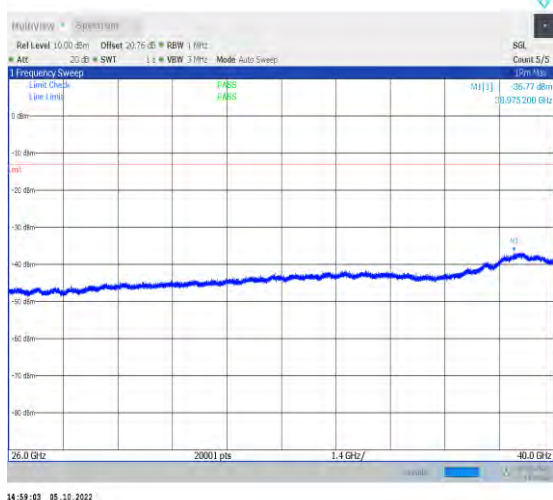
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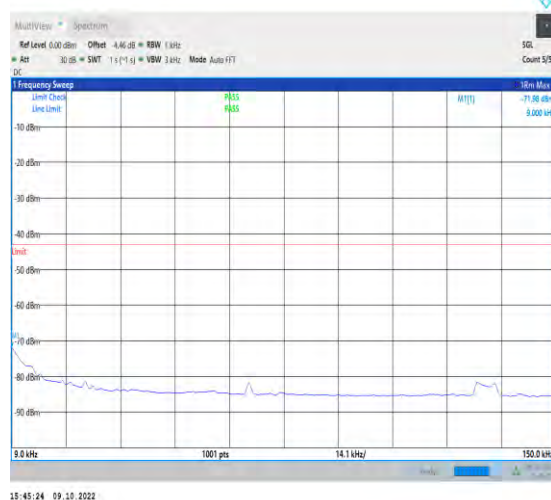
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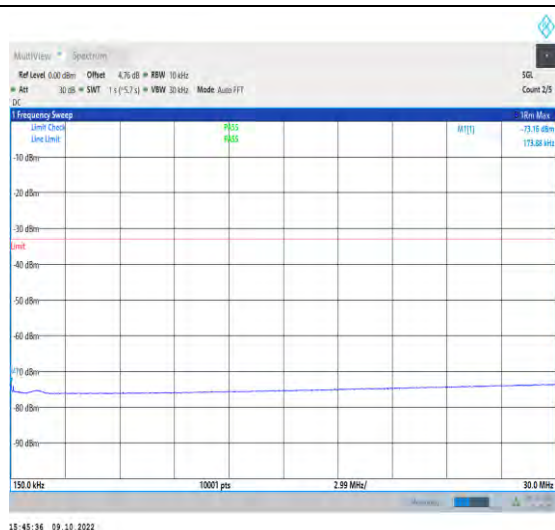
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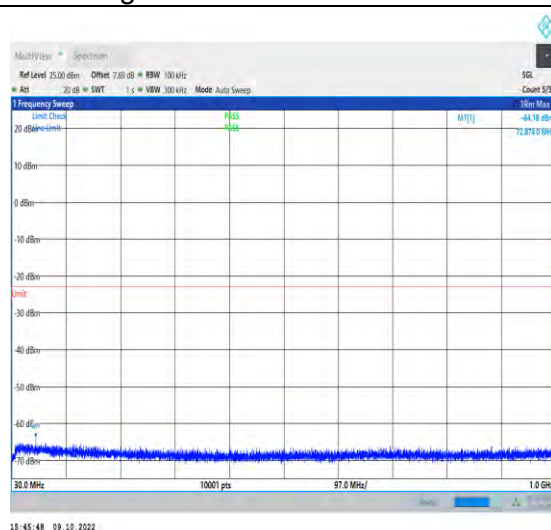
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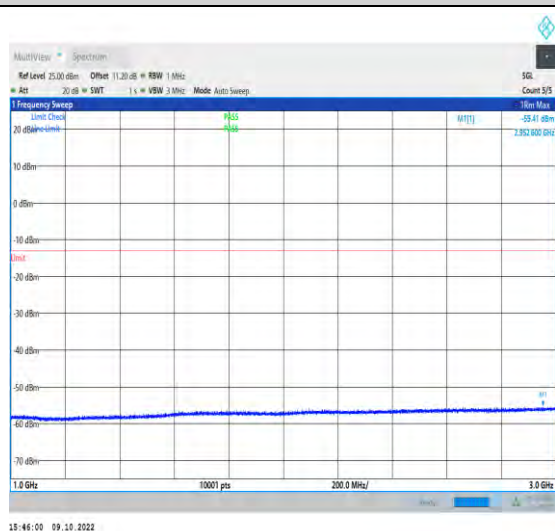
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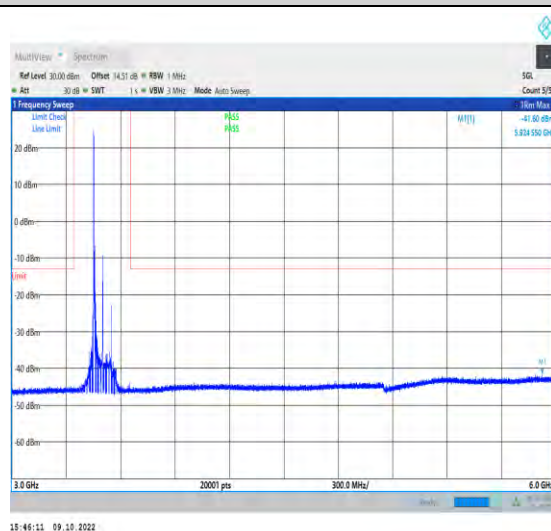
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1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-72.87--64.18--23-PASS SS



1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2952.60--55.41--13-PASS



1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-6000-Ant1-5924.55--41.60--13-PASS



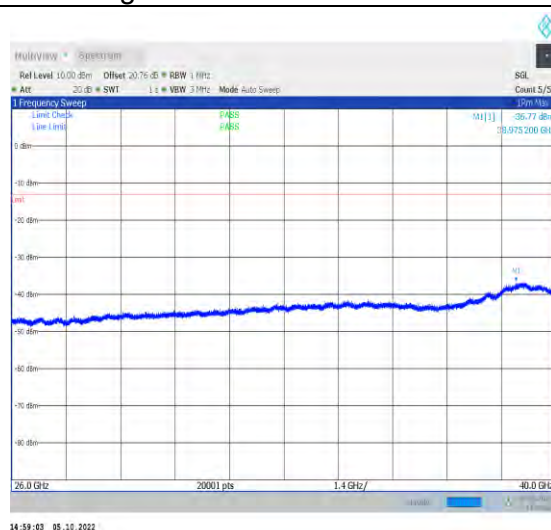
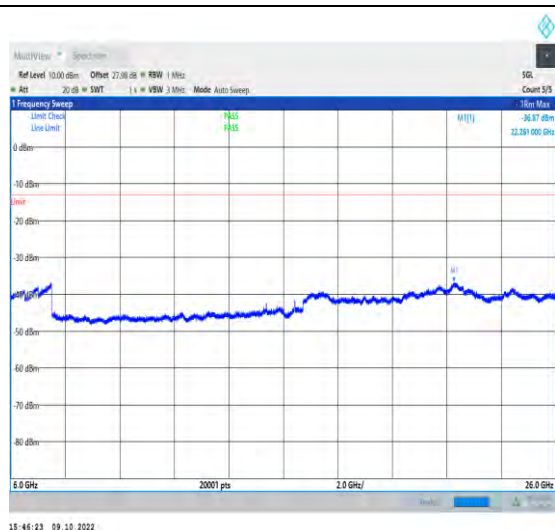
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Report No.: SEWM2210000205RG02

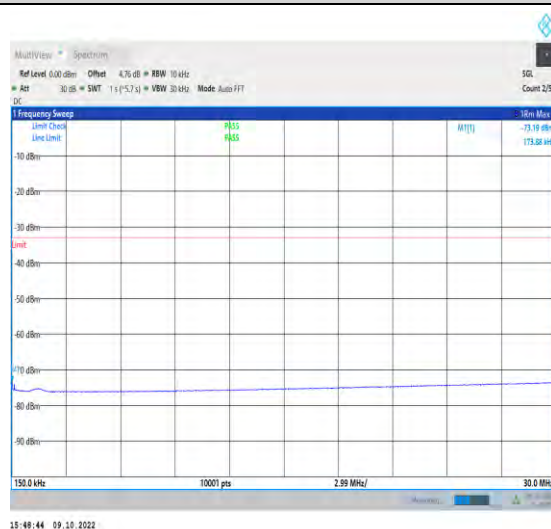
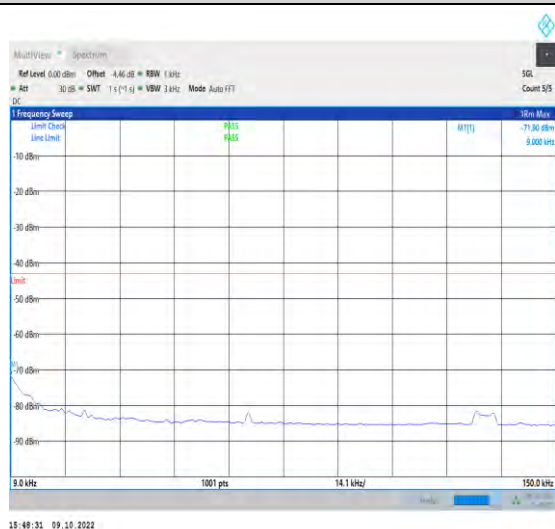
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1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-6000-26000-Ant1-22261.00--36.87
--13-PASS

1-N77-3450-3550-PC2-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-26000-40000-Ant1-26000.00--42.2
3--13-PASS



1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.01--71.90--43-PA
SS

1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-0.17--73.19--33-PASS



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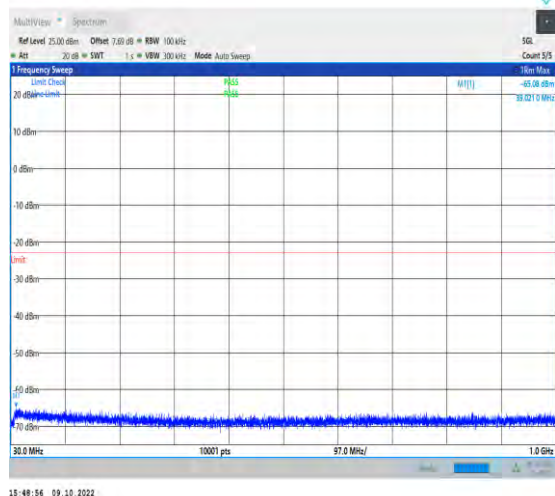
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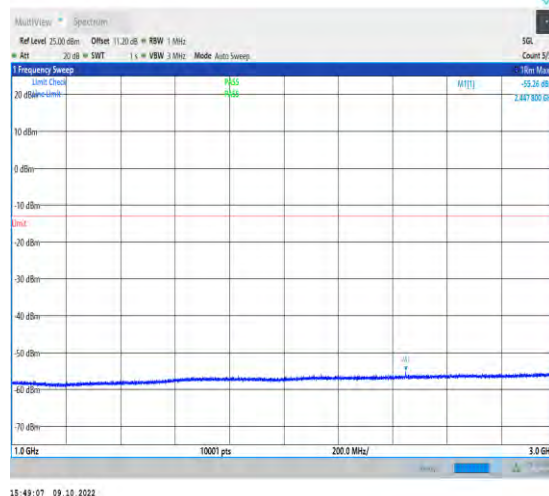
Report No.: SEWM2210000205RG02

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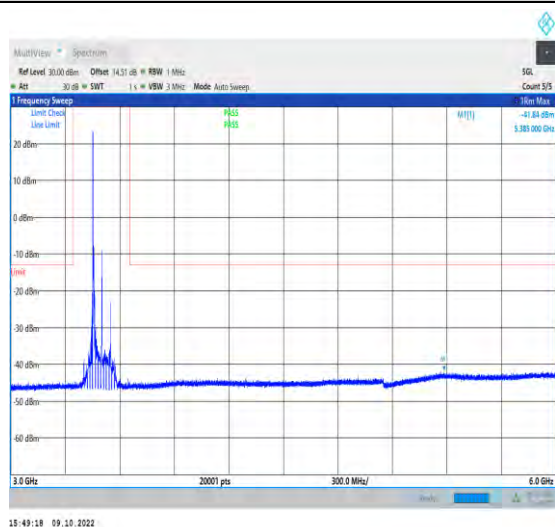
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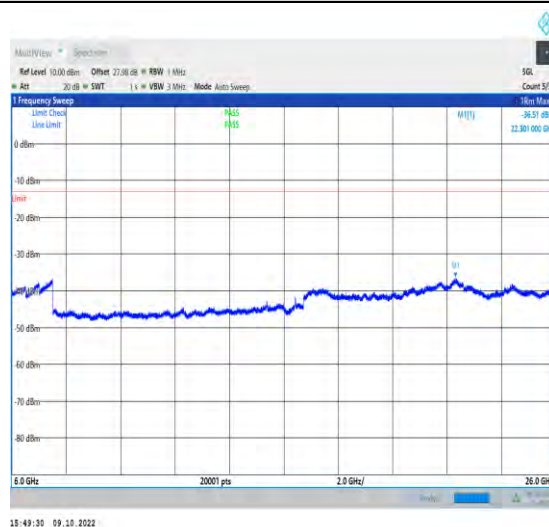
1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-39.02--65.08--23-PA SS



1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2447.80--55.26--1 3-PASS



1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-6000-Ant1-5385.00--41.84--1 3-PASS



1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-6000-26000-Ant1-22301.00--36.51--13-PASS



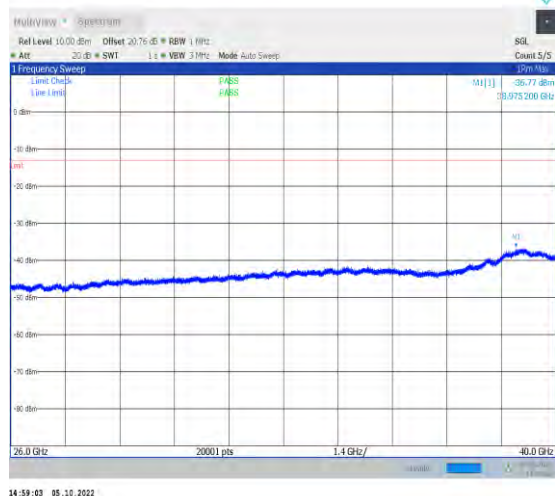
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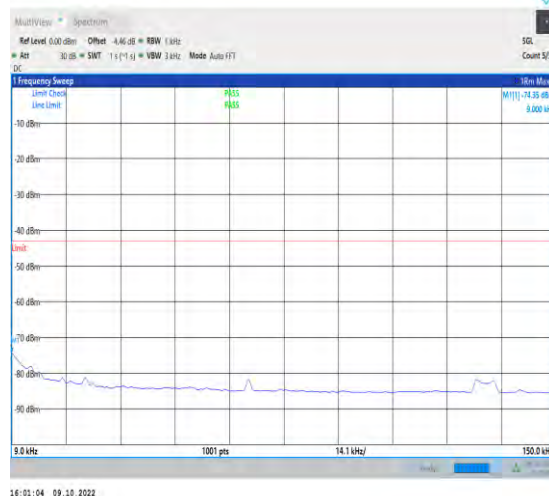
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1-N77-3450-3550-PC2-30-100-H-1-DFT-QPSK-Edge
_1RB_Left-1@0-26000-40000-Ant1-26000.00--42.46
--13-PASS



1-N77-3700-3980-PC2-30-100-L-1-DFT-QPSK-Edge
_1RB_Left-1@0-0.009-0.15-Ant1-0.01--74.35--43-PA
SS



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Field Strength of Spurious Radiation

Test Band = 5G NR SA Band77_ TM1
Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	47.19	-43.61	35.85	-55.83	-13.00	42.83	216	46	Horizontal
2	7840.325	48.21	-42.64	36.83	-52.87	-13.00	39.87	251	347	Horizontal
3	8514.225	45.53	-41.67	37.57	-53.83	-13.00	40.83	142	354	Horizontal
4	10215.2700	36.62	-39.23	38.81	-59.06	-13.00	46.06	133	243	Horizontal
5	13620.3600	32.44	-36.03	40.13	-58.72	-13.00	45.72	251	120	Horizontal
6	17025.4500	32.47	-33.71	38.51	-57.99	-13.00	44.99	199	167	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	6810.1800	47.78	-43.61	35.85	-55.24	-13.00	42.24	269	30	Vertical
2	7636.2	47.33	-42.82	36.46	-54.29	-13.00	41.29	154	30	Vertical
3	8409	46.57	-41.41	37.35	-52.75	-13.00	39.75	185	272	Vertical
4	10215.2700	35.72	-39.23	38.81	-59.96	-13.00	46.96	196	360	Vertical
5	13620.3600	31.44	-36.03	40.13	-59.72	-13.00	46.72	142	332	Vertical
6	17025.4500	32.27	-33.71	38.51	-58.19	-13.00	45.19	156	152	Vertical



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Test Band = 5G NR SA Band77_ TM1

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	46.86	-43.80	35.97	-56.23	-13.00	43.23	126	359	Horizontal
2	8404.4	47.04	-41.39	37.34	-52.27	-13.00	39.27	145	90	Horizontal
3	8958.125	43.61	-40.89	38.17	-54.36	-13.00	41.36	159	225	Horizontal
4	10365.2700	35.98	-38.81	38.85	-59.23	-13.00	46.23	162	330	Horizontal
5	13820.3600	32.90	-36.11	39.98	-58.49	-13.00	45.49	148	104	Horizontal
6	17275.4500	35.23	-35.16	38.70	-56.48	-13.00	43.48	192	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	6910.1800	45.68	-43.80	35.97	-57.41	-13.00	44.41	211	212	Vertical
2	7984.65	46.27	-42.22	36.99	-54.22	-13.00	41.22	152	257	Vertical
3	8535.5	46.17	-41.48	37.61	-52.95	-13.00	39.95	105	354	Vertical
4	10365.2700	36.70	-38.81	38.85	-58.51	-13.00	45.51	145	43	Vertical
5	13820.3600	32.39	-36.11	39.98	-59.00	-13.00	46.00	195	354	Vertical
6	17275.4500	35.83	-35.16	38.70	-55.88	-13.00	42.88	135	360	Vertical



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Test Band = 5G NR SA Band77_ TM1

Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	46.54	-43.06	36.11	-55.67	-13.00	42.67	256	239	Horizontal
2	8418.775	46.55	-41.45	37.37	-52.79	-13.00	39.79	145	133	Horizontal
3	8937.425	44.24	-40.90	38.16	-53.75	-13.00	40.75	199	1	Horizontal
4	10515.2700	35.97	-38.64	38.98	-58.96	-13.00	45.96	184	116	Horizontal
5	14020.3600	30.39	-35.04	40.15	-59.76	-13.00	46.76	175	330	Horizontal
6	17525.4500	31.56	-33.81	39.28	-58.23	-13.00	45.23	123	208	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	7010.1800	46.68	-43.06	36.11	-55.53	-13.00	42.53	211	100	Vertical
2	8419.925	46.41	-41.46	37.37	-52.93	-13.00	39.93	142	72	Vertical
3	9471.6	42.90	-39.95	38.47	-53.84	-13.00	40.84	165	2	Vertical
4	10515.2700	35.02	-38.64	38.98	-59.91	-13.00	46.91	142	300	Vertical
5	14020.3600	30.10	-35.04	40.15	-60.05	-13.00	47.05	132	224	Vertical
6	17525.4500	31.88	-33.81	39.28	-57.91	-13.00	44.91	109	346	Vertical



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Test Band = ULMIMO N77_ TM1
Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	47.39	-43.61	35.85	-55.63	-13.00	42.63	154	152	Horizontal
2	8020.3	47.20	-41.97	37.02	-53.01	-13.00	40.01	125	23	Horizontal
3	8947.2	45.62	-40.89	38.17	-52.36	-13.00	39.36	169	14	Horizontal
4	10215.2700	38.48	-39.23	38.81	-57.20	-13.00	44.20	144	163	Horizontal
5	13620.3600	33.14	-36.03	40.13	-58.02	-13.00	45.02	132	251	Horizontal
6	17025.4500	34.40	-33.71	38.51	-56.06	-13.00	43.06	163	208	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	6810.1800	47.47	-43.61	35.85	-55.55	-13.00	42.55	211	28	Vertical
2	8487.2	47.55	-41.74	37.51	-51.94	-13.00	38.94	145	257	Vertical
3	8931.1	45.18	-40.90	38.16	-52.82	-13.00	39.82	236	317	Vertical
4	10215.2700	37.99	-39.23	38.81	-57.69	-13.00	44.69	255	346	Vertical
5	13620.3600	35.33	-36.03	40.13	-55.83	-13.00	42.83	169	225	Vertical
6	17025.4500	32.51	-33.71	38.51	-57.95	-13.00	44.95	291	1	Vertical



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Test Band = ULMIMO N77_ TM1

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	46.36	-43.80	35.97	-56.73	-13.00	43.73	256	146	Horizontal
2	8401.525	46.60	-41.38	37.33	-52.70	-13.00	39.70	148	356	Horizontal
3	8936.85	44.84	-40.90	38.16	-53.15	-13.00	40.15	129	222	Horizontal
4	10365.2700	37.14	-38.81	38.85	-58.07	-13.00	45.07	291	299	Horizontal
5	13820.3600	34.07	-36.11	39.98	-57.32	-13.00	44.32	142	100	Horizontal
6	17275.4500	35.09	-35.16	38.70	-56.62	-13.00	43.62	133	162	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	6910.1800	45.85	-43.80	35.97	-57.24	-13.00	44.24	256	313	Vertical
2	9554.4	43.66	-39.55	38.45	-52.70	-13.00	39.70	148	40	Vertical
3	10365.2700	36.57	-38.81	38.85	-58.64	-13.00	45.64	195	254	Vertical
4	12214.925	36.10	-37.04	39.13	-57.07	-13.00	44.07	175	239	Vertical
5	13820.3600	32.85	-36.11	39.98	-58.54	-13.00	45.54	142	299	Vertical
6	17275.4500	34.50	-35.16	38.70	-57.21	-13.00	44.21	190	25	Vertical



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Test Band = ULMIMO N77_ TM1
Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	46.81	-43.06	36.11	-55.40	-13.00	42.40	256	55	Horizontal
2	8417.625	46.97	-41.45	37.37	-52.37	-13.00	39.37	233	117	Horizontal
3	9452.625	42.79	-39.94	38.48	-53.93	-13.00	40.93	216	300	Horizontal
4	10515.2700	36.28	-38.64	38.98	-58.65	-13.00	45.65	148	0	Horizontal
5	14020.3600	29.44	-35.04	40.15	-60.71	-13.00	47.71	196	269	Horizontal
6	17525.4500	32.40	-33.81	39.28	-57.39	-13.00	44.39	174	356	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	7010.1800	46.05	-43.06	36.11	-56.16	-13.00	43.16	222	6	Vertical
2	8406.7	46.87	-41.40	37.34	-52.44	-13.00	39.44	163	71	Vertical
3	9563.6	43.10	-39.48	38.45	-53.19	-13.00	40.19	251	356	Vertical
4	10515.2700	35.90	-38.64	38.98	-59.03	-13.00	46.03	145	42	Vertical
5	14020.3600	29.85	-35.04	40.15	-60.30	-13.00	47.30	269	330	Vertical
6	17525.4500	31.42	-33.81	39.28	-58.37	-13.00	45.37	184	118	Vertical



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Test Band = 5G NR N25_N77_TM1
Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	47.13	-43.61	35.85	-55.89	-13.00	42.89	265	0	Horizontal
2	8413.6	46.33	-41.43	37.36	-53.00	-13.00	40.00	145	329	Horizontal
3	9611.325	42.82	-39.23	38.43	-53.24	-13.00	40.24	253	2	Horizontal
4	10215.2700	36.61	-39.23	38.81	-59.07	-13.00	46.07	133	329	Horizontal
5	13620.3600	33.58	-36.03	40.13	-57.58	-13.00	44.58	269	208	Horizontal
6	17025.4500	31.94	-33.71	38.51	-58.52	-13.00	45.52	185	163	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	6810.1800	46.88	-43.61	35.85	-56.14	-13.00	43.14	216	55	Vertical
2	8407.275	46.56	-41.40	37.35	-52.76	-13.00	39.76	236	0	Vertical
3	9427.9	42.97	-39.93	38.48	-53.74	-13.00	40.74	215	356	Vertical
4	10215.2700	36.73	-39.23	38.81	-58.95	-13.00	45.95	145	0	Vertical
5	13620.3600	33.62	-36.03	40.13	-57.54	-13.00	44.54	169	38	Vertical
6	17025.4500	32.34	-33.71	38.51	-58.12	-13.00	45.12	128	344	Vertical



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Test Band = 5G NR N25_N77_TM1
Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	46.23	-43.80	35.97	-56.86	-13.00	43.86	245	116	Horizontal
2	8413.6	47.02	-41.43	37.36	-52.31	-13.00	39.31	126	14	Horizontal
3	10365.2700	36.82	-38.81	38.85	-58.39	-13.00	45.39	253	71	Horizontal
4	13820.3600	31.99	-36.11	39.98	-59.40	-13.00	46.40	142	56	Horizontal
5	15342.925	33.04	-33.98	38.78	-57.42	-13.00	44.42	155	116	Horizontal
6	17275.4500	34.48	-35.16	38.70	-57.23	-13.00	44.23	196	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	6910.1800	46.08	-43.80	35.97	-57.01	-13.00	44.01	255	13	Vertical
2	8405.55	46.34	-41.39	37.34	-52.97	-13.00	39.97	142	344	Vertical
3	10365.2700	36.34	-38.81	38.85	-58.87	-13.00	45.87	132	286	Vertical
4	12796.25	35.66	-36.63	39.62	-56.60	-13.00	43.60	256	133	Vertical
5	13820.3600	31.30	-36.11	39.98	-60.09	-13.00	47.09	185	164	Vertical
6	17275.4500	34.36	-35.16	38.70	-57.35	-13.00	44.35	146	300	Vertical



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Test Band = 5G NR N25_N77_TM1
Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	46.83	-43.06	36.11	-55.38	-13.00	42.38	215	1	Horizontal
2	8503.3	46.30	-41.77	37.55	-53.18	-13.00	40.18	169	237	Horizontal
3	9454.925	42.72	-39.94	38.48	-54.01	-13.00	41.01	158	299	Horizontal
4	10515.2700	36.58	-38.64	38.98	-58.35	-13.00	45.35	147	40	Horizontal
5	14020.3600	31.06	-35.04	40.15	-59.09	-13.00	46.09	182	2	Horizontal
6	17525.4500	33.31	-33.81	39.28	-56.48	-13.00	43.48	196	1	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	7010.1800	46.99	-43.06	36.11	-55.22	-13.00	42.22	256	89	Vertical
2	9521.625	43.59	-39.80	38.46	-53.01	-13.00	40.01	142	103	Vertical
3	10515.2700	35.98	-38.64	38.98	-58.95	-13.00	45.95	133	6	Vertical
4	12227.575	35.72	-36.98	39.12	-57.40	-13.00	44.40	265	178	Vertical
5	14020.3600	30.24	-35.04	40.15	-59.91	-13.00	46.91	145	0	Vertical
6	17525.4500	31.47	-33.81	39.28	-58.32	-13.00	45.32	185	209	Vertical



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Test Band = 5G NR N41_N77_TM1

Test Channel = Low 3450-3550

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	46.52	-43.61	35.85	-56.50	-25.00	31.50	245	356	Horizontal
2	8460.175	45.10	-41.63	37.46	-54.33	-25.00	29.33	133	316	Horizontal
3	8938	42.72	-40.89	38.16	-55.27	-25.00	30.27	269	208	Horizontal
4	10215.2700	36.34	-39.23	38.81	-59.34	-25.00	34.34	258	194	Horizontal
5	13620.3600	29.99	-36.03	40.13	-61.17	-25.00	36.17	148	56	Horizontal
6	17025.4500	30.26	-33.71	38.51	-60.20	-25.00	35.20	192	6	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	6810.1800	46.43	-43.61	35.85	-56.59	-25.00	31.59	265	40	Vertical
2	8426.825	44.58	-41.49	37.39	-54.78	-25.00	29.78	142	329	Vertical
3	9398.575	41.11	-39.92	38.49	-55.58	-25.00	30.58	125	254	Vertical
4	10215.2700	33.77	-39.23	38.81	-61.91	-25.00	36.91	185	40	Vertical
5	13620.3600	30.28	-36.03	40.13	-60.88	-25.00	35.88	199	356	Vertical
6	17025.4500	29.99	-33.71	38.51	-60.47	-25.00	35.47	143	191	Vertical



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Test Band = 5G NR N41_N77_TM1
Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	44.86	-43.80	35.97	-58.23	-25.00	33.23	211	177	Horizontal
2	8414.75	45.18	-41.43	37.36	-54.15	-25.00	29.15	154	357	Horizontal
3	8944.325	42.92	-40.89	38.17	-55.07	-25.00	30.07	128	0	Horizontal
4	10365.2700	33.34	-38.81	38.85	-61.87	-25.00	36.87	136	85	Horizontal
5	13820.3600	29.38	-36.11	39.98	-62.01	-25.00	37.01	100	177	Horizontal
6	17275.4500	33.22	-35.16	38.70	-58.49	-25.00	33.49	266	314	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	6910.1800	45.75	-43.80	35.97	-57.34	-25.00	32.34	248	178	Vertical
2	8027.775	43.62	-41.91	37.02	-56.53	-25.00	31.53	159	13	Vertical
3	9513	41.36	-39.86	38.46	-55.30	-25.00	30.30	216	268	Vertical
4	10365.2700	32.72	-38.81	38.85	-62.49	-25.00	37.49	236	162	Vertical
5	13820.3600	30.98	-36.11	39.98	-60.41	-25.00	35.41	251	1	Vertical
6	17275.4500	32.39	-35.16	38.70	-59.32	-25.00	34.32	145	356	Vertical



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Test Band = 5G NR N41_N77_TM1

Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	46.35	-43.06	36.11	-55.86	-25.00	30.86	254	0	Horizontal
2	8427.975	44.81	-41.49	37.39	-54.55	-25.00	29.55	126	222	Horizontal
3	9004.7	41.57	-40.85	38.20	-56.34	-25.00	31.34	299	299	Horizontal
4	10515.2700	32.51	-38.64	38.98	-62.42	-25.00	37.42	154	356	Horizontal
5	14020.3600	28.96	-35.04	40.15	-61.19	-25.00	36.19	128	102	Horizontal
6	17525.4500	30.52	-33.81	39.28	-59.27	-25.00	34.27	133	85	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	7010.1800	45.29	-43.06	36.11	-56.92	-25.00	31.92	198	1	Vertical
2	8416.475	44.61	-41.44	37.36	-54.73	-25.00	29.73	145	148	Vertical
3	8962.725	41.86	-40.88	38.18	-56.11	-25.00	31.11	256	330	Vertical
4	10515.2700	32.04	-38.64	38.98	-62.89	-25.00	37.89	126	194	Vertical
5	14020.3600	27.49	-35.04	40.15	-62.66	-25.00	37.66	233	301	Vertical
6	17525.4500	30.38	-33.81	39.28	-59.41	-25.00	34.41	179	330	Vertical



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Test Band = 5G NR N66_N77_TM1
Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	46.63	-43.61	35.85	-56.39	-13.00	43.39	255	300	Horizontal
2	8392.9	46.32	-41.41	37.32	-53.02	-13.00	40.02	142	344	Horizontal
3	9499.2	42.57	-39.96	38.47	-54.18	-13.00	41.18	169	24	Horizontal
4	10215.2700	36.96	-39.23	38.81	-58.72	-13.00	45.72	185	344	Horizontal
5	13620.3600	31.74	-36.03	40.13	-59.42	-13.00	46.42	142	314	Horizontal
6	17025.4500	32.53	-33.71	38.51	-57.93	-13.00	44.93	190	329	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	6810.1800	46.78	-43.61	35.85	-56.24	-13.00	43.24	286	147	Vertical
2	8409	46.20	-41.41	37.35	-53.12	-13.00	40.12	255	346	Vertical
3	9480.8	43.76	-39.95	38.47	-52.98	-13.00	39.98	142	2	Vertical
4	10215.2700	36.27	-39.23	38.81	-59.41	-13.00	46.41	169	41	Vertical
5	13620.3600	33.22	-36.03	40.13	-57.94	-13.00	44.94	251	269	Vertical
6	17025.4500	32.96	-33.71	38.51	-57.50	-13.00	44.50	143	1	Vertical



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Test Band = 5G NR N66_N77_TM1

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	45.96	-43.80	35.97	-57.13	-13.00	44.13	245	163	Horizontal
2	9001.25	44.72	-40.86	38.20	-53.20	-13.00	40.20	136	207	Horizontal
3	9638.925	42.65	-39.31	38.40	-53.52	-13.00	40.52	255	314	Horizontal
4	10365.2700	36.77	-38.81	38.85	-58.44	-13.00	45.44	158	207	Horizontal
5	13820.3600	33.24	-36.11	39.98	-58.15	-13.00	45.15	196	329	Horizontal
6	17275.4500	34.08	-35.16	38.70	-57.63	-13.00	44.63	147	13	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	6910.1800	47.04	-43.80	35.97	-56.05	-13.00	43.05	216	56	Vertical
2	8411.3	45.84	-41.42	37.35	-53.48	-13.00	40.48	145	2	Vertical
3	9002.4	44.68	-40.86	38.20	-53.24	-13.00	40.24	195	256	Vertical
4	10365.2700	36.37	-38.81	38.85	-58.84	-13.00	45.84	142	225	Vertical
5	15418.25	34.09	-34.25	38.69	-56.74	-13.00	43.74	130	302	Vertical
6	17275.4500	34.03	-35.16	38.70	-57.68	-13.00	44.68	122	1	Vertical



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Test Band = 5G NR N66_N77_TM1

Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	47.64	-43.06	36.11	-54.57	-13.00	41.57	215	226	Horizontal
2	8409.575	46.26	-41.41	37.35	-53.06	-13.00	40.06	145	102	Horizontal
3	9460.1	43.21	-39.94	38.47	-53.52	-13.00	40.52	196	0	Horizontal
4	10515.2700	35.21	-38.64	38.98	-59.72	-13.00	46.72	251	178	Horizontal
5	14020.3600	29.16	-35.04	40.15	-60.99	-13.00	47.99	134	147	Horizontal
6	17525.4500	32.00	-33.81	39.28	-57.79	-13.00	44.79	132	195	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	7010.1800	46.43	-43.06	36.11	-55.78	-13.00	42.78	186	104	Vertical
2	8420.5	46.67	-41.46	37.37	-52.68	-13.00	39.68	142	7	Vertical
3	10515.2700	34.84	-38.64	38.98	-60.09	-13.00	47.09	196	119	Vertical
4	13658.75	34.02	-36.01	40.09	-57.16	-13.00	44.16	258	226	Vertical
5	14020.3600	29.89	-35.04	40.15	-60.26	-13.00	47.26	147	133	Vertical
6	17525.4500	33.15	-33.81	39.28	-56.64	-13.00	43.64	136	346	Vertical



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Test Band = 5G NR N71_N77_TM1

Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	45.95	-43.61	35.85	-57.07	-13.00	44.07	211	163	Horizontal
2	8414.75	43.39	-41.43	37.36	-55.94	-13.00	42.94	142	1	Horizontal
3	9427.9	39.38	-39.93	38.48	-57.33	-13.00	44.33	165	0	Horizontal
4	10215.2700	32.13	-39.23	38.81	-63.55	-13.00	50.55	128	1	Horizontal
5	13620.3600	28.48	-36.03	40.13	-62.68	-13.00	49.68	192	180	Horizontal
6	17025.4500	30.01	-33.71	38.51	-60.45	-13.00	47.45	140	180	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	6810.1800	45.36	-43.61	35.85	-57.66	-13.00	44.66	266	103	Vertical
2	7394.125	45.39	-42.82	36.49	-56.20	-13.00	43.20	159	103	Vertical
3	8418.2	44.14	-41.45	37.37	-55.20	-13.00	42.20	142	14	Vertical
4	10215.2700	31.12	-39.23	38.81	-64.56	-13.00	51.56	188	0	Vertical
5	13620.3600	28.94	-36.03	40.13	-62.22	-13.00	49.22	149	89	Vertical
6	17025.4500	29.62	-33.71	38.51	-60.84	-13.00	47.84	192	0	Vertical



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Test Band = 5G NR N71_N77_TM1

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	44.21	-43.80	35.97	-58.88	-13.00	45.88	251	71	Horizontal
2	8410.15	43.42	-41.41	37.35	-55.90	-13.00	42.90	136	14	Horizontal
3	9465.85	39.20	-39.95	38.47	-57.53	-13.00	44.53	233	222	Horizontal
4	10365.2700	30.86	-38.81	38.85	-64.35	-13.00	51.35	269	85	Horizontal
5	13820.3600	29.27	-36.11	39.98	-62.12	-13.00	49.12	215	316	Horizontal
6	17275.4500	31.00	-35.16	38.70	-60.71	-13.00	47.71	145	254	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	6910.1800	45.08	-43.80	35.97	-58.01	-13.00	45.01	266	357	Vertical
2	8942.6	40.41	-40.89	38.17	-57.58	-13.00	44.58	215	357	Vertical
3	10365.2700	30.19	-38.81	38.85	-65.02	-13.00	52.02	186	1	Vertical
4	12801.425	31.22	-36.62	39.63	-61.03	-13.00	48.03	145	194	Vertical
5	13820.3600	28.55	-36.11	39.98	-62.84	-13.00	49.84	129	40	Vertical
6	17275.4500	30.39	-35.16	38.70	-61.32	-13.00	48.32	109	254	Vertical



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Test Band = 5G NR N71_N77_TM1

Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	45.75	-43.06	36.11	-56.46	-13.00	43.46	255	1	Horizontal
2	8403.25	43.78	-41.38	37.34	-55.53	-13.00	42.53	146	85	Horizontal
3	10515.2700	30.02	-38.64	38.98	-64.91	-13.00	51.91	235	114	Horizontal
4	12869.275	31.47	-36.79	39.70	-60.88	-13.00	47.88	215	23	Horizontal
5	14020.3600	26.78	-35.04	40.15	-63.37	-13.00	50.37	199	343	Horizontal
6	17525.4500	27.64	-33.81	39.28	-62.15	-13.00	49.15	148	146	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	7010.1800	45.46	-43.06	36.11	-56.75	-13.00	43.75	219	117	Vertical
2	8931.675	41.62	-40.90	38.16	-56.38	-13.00	43.38	145	210	Vertical
3	9510.125	38.93	-39.88	38.46	-57.75	-13.00	44.75	126	346	Vertical
4	10515.2700	30.33	-38.64	38.98	-64.60	-13.00	51.60	255	179	Vertical
5	14020.3600	27.44	-35.04	40.15	-62.71	-13.00	49.71	148	357	Vertical
6	17525.4500	27.83	-33.81	39.28	-61.96	-13.00	48.96	176	6	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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