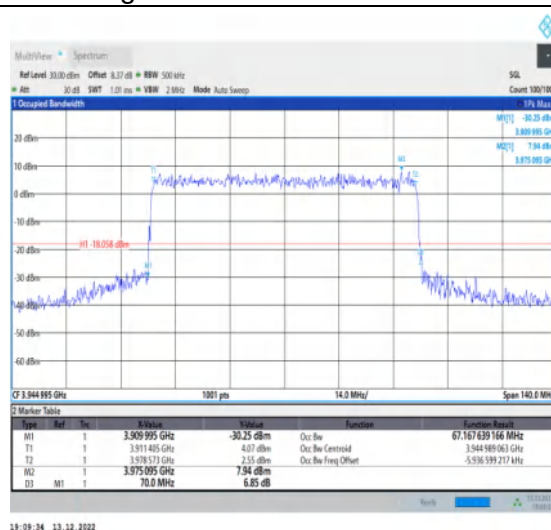
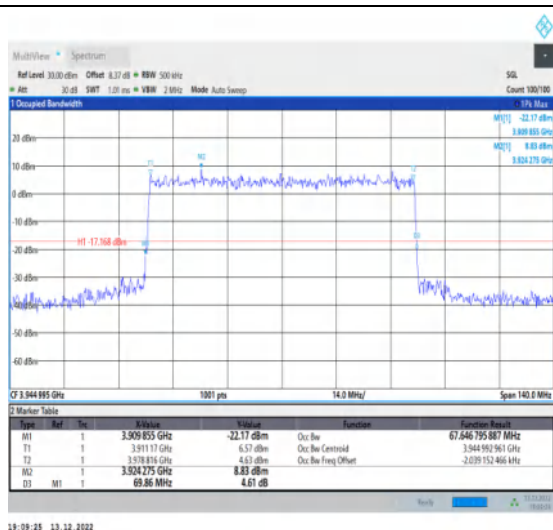
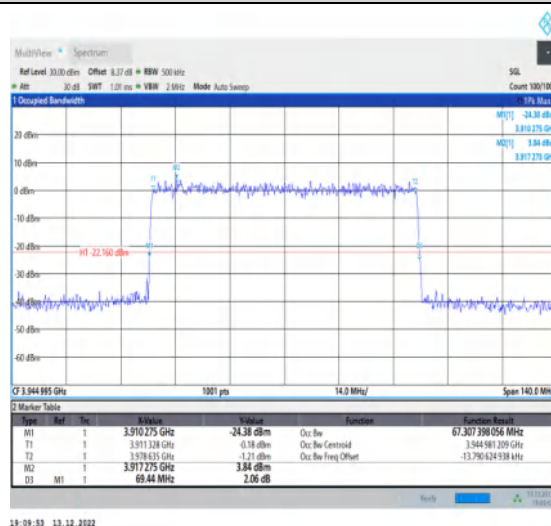
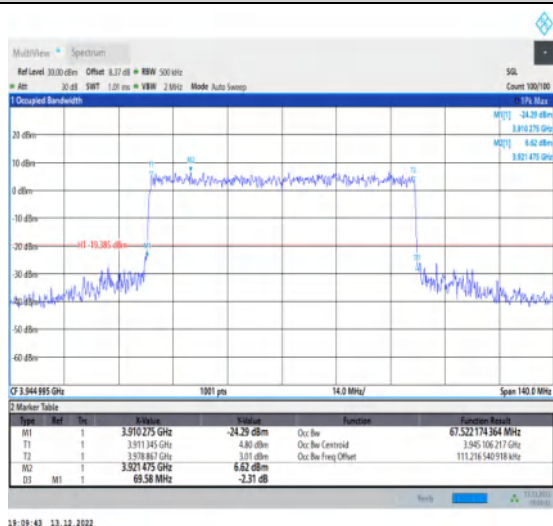


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1-N77-3700-3980-30-70-H-6-CP-QPSK-Outet_Full-189@0-Ant1-67.647-69.860-≤70-PASS

1-N77-3700-3980-30-70-H-7-CP-16QAM-Outet_Full-189@0-Ant1-67.168-70.000-≤70-PASS



1-N77-3700-3980-30-70-H-8-CP-64QAM-Outet_Full-189@0-Ant1-67.522-69.580-≤70-PASS

1-N77-3700-3980-30-70-H-9-CP-256QAM-Outet_Full-189@0-Ant1-67.307-69.440-≤70-PASS



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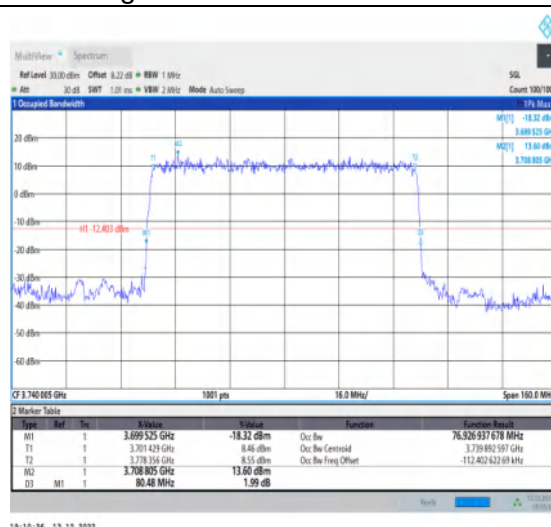
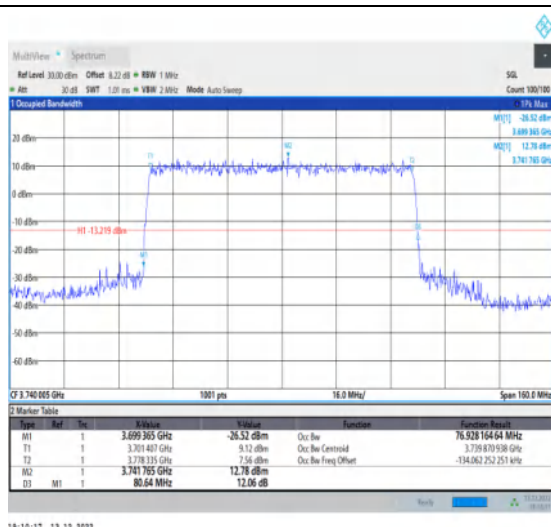
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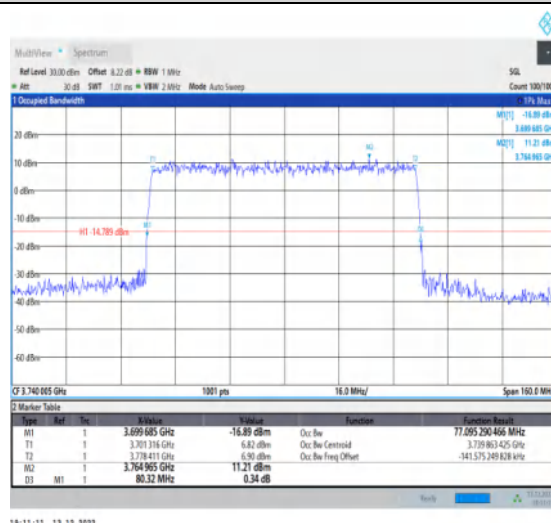
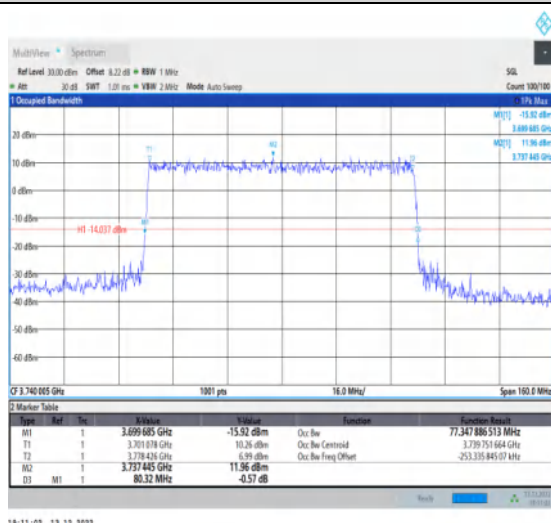
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1-N77-3700-3980-30-80-L-4-DFT-64QAM-Outer_Full-216@0-Ant1-77.095-80.320-≤80-PASS



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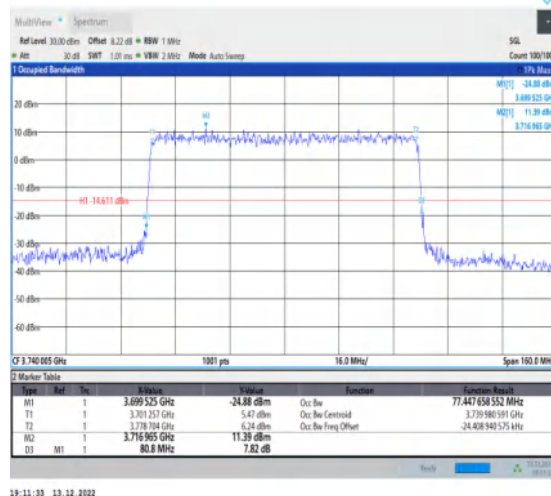
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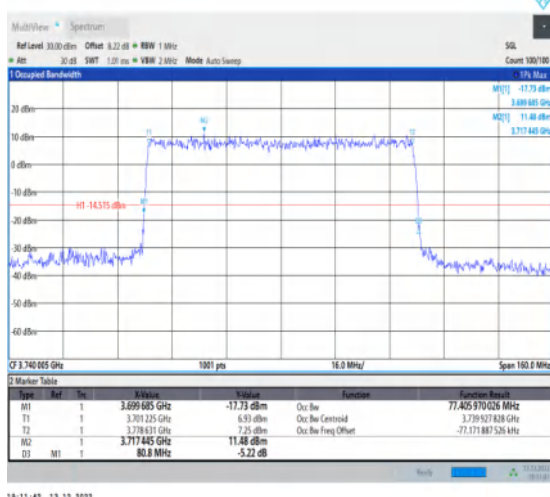
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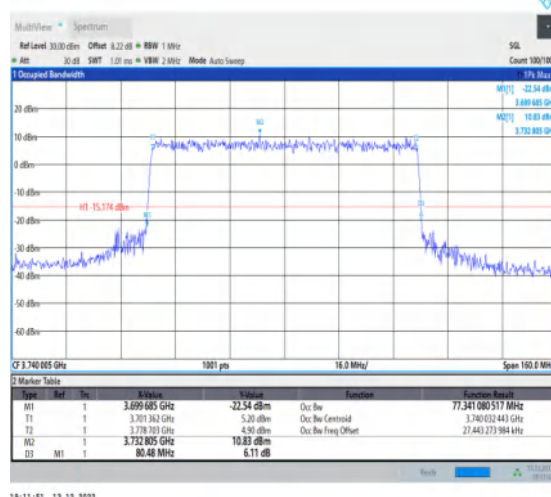
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1-N77-3700-3980-30-80-L-7-CP-16QAM-Outer_Full-217@0-Ant1-77.406-80.800-≤80-PASS



1-N77-3700-3980-30-80-L-8-CP-64QAM-Outer_Full-217@0-Ant1-77.341-80.480-≤80-PASS



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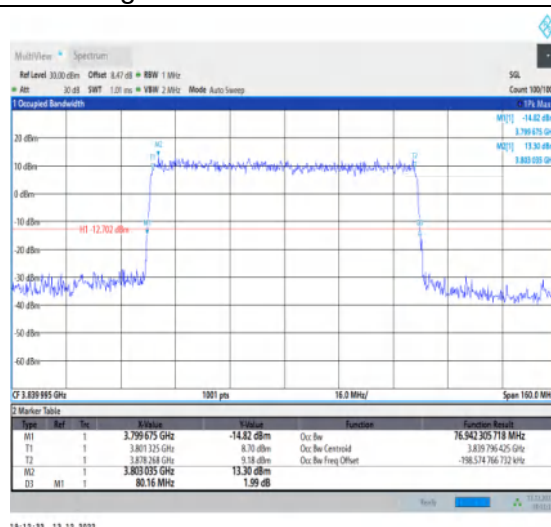
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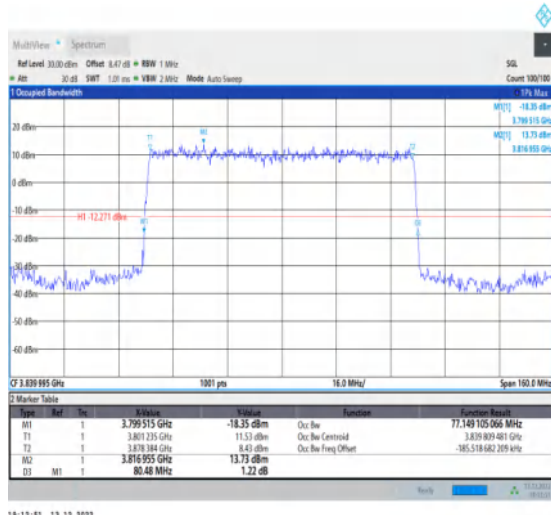
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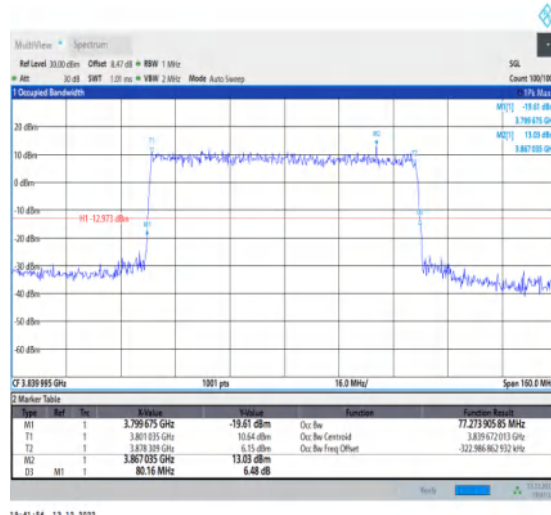
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1-N77-3700-3980-30-80-M-2-DFT-PI2BPSK-Outer_F
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1-N77-3700-3980-30-80-M-3-DFT-16QAM-Outer_Ful
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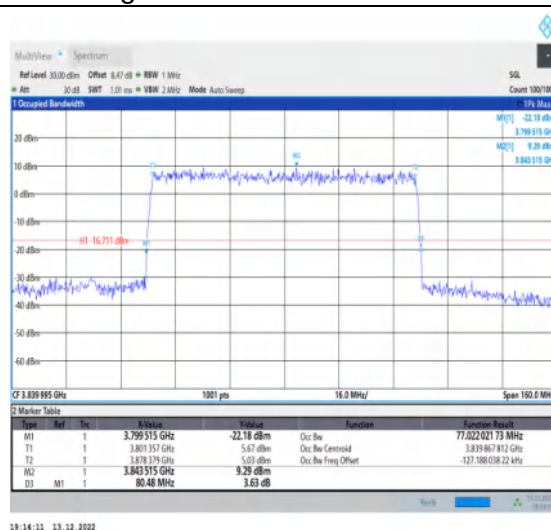
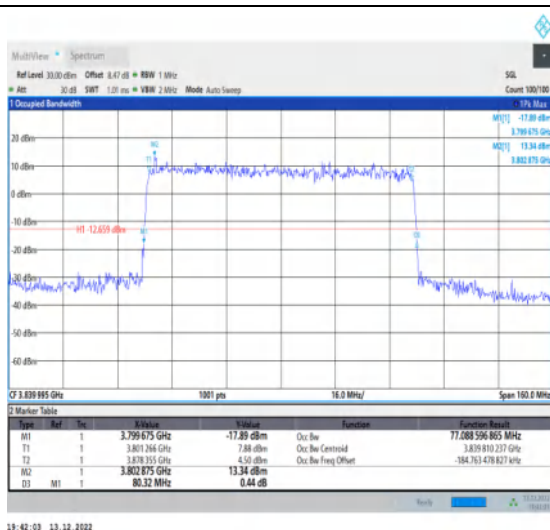
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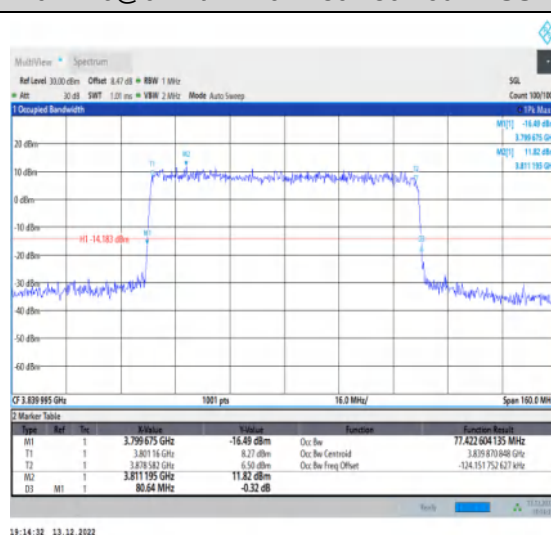
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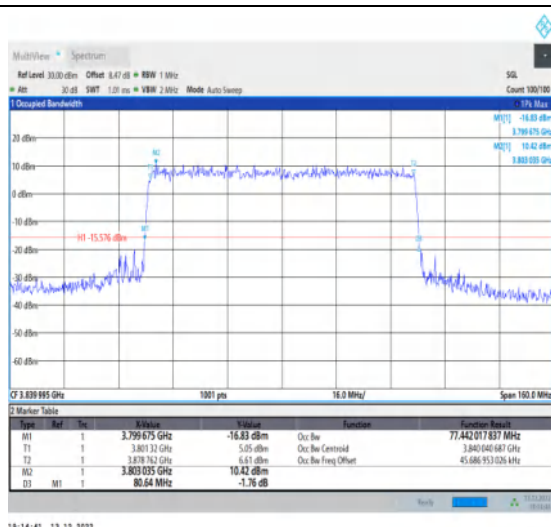
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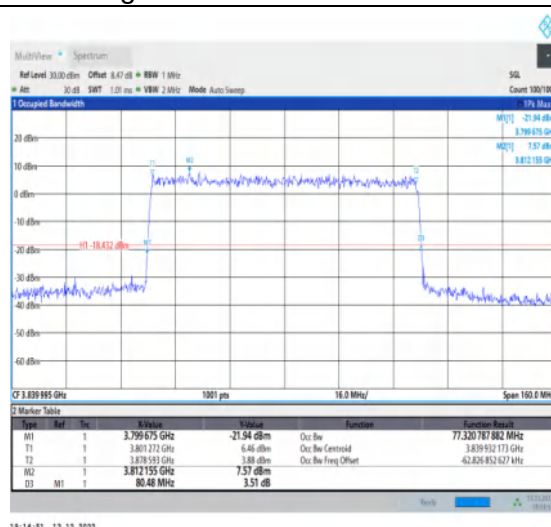
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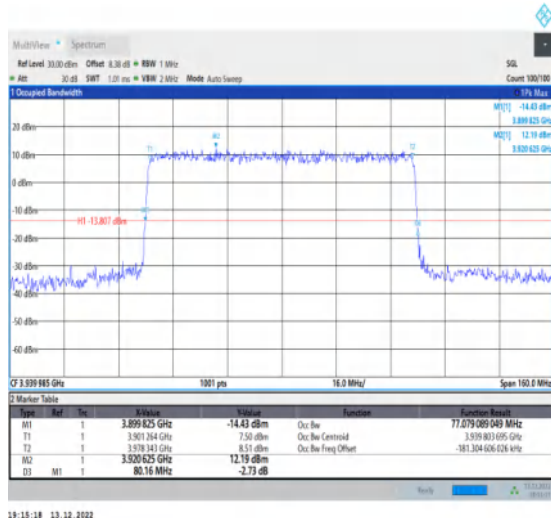
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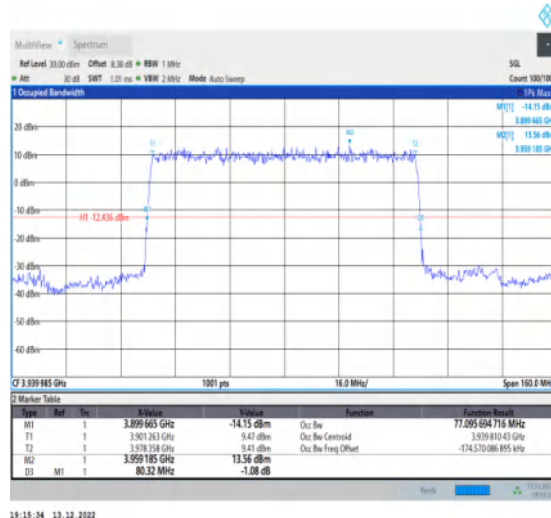
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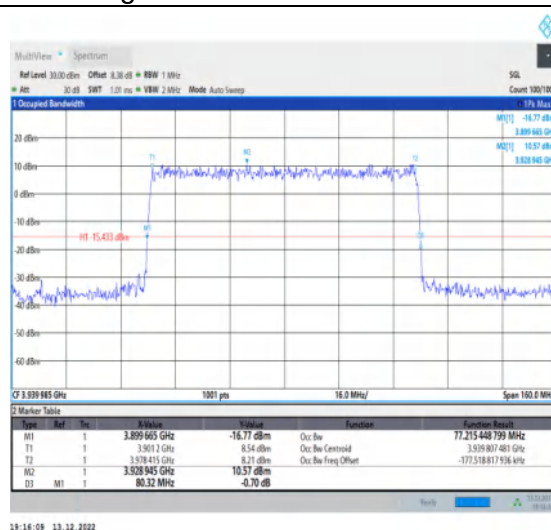
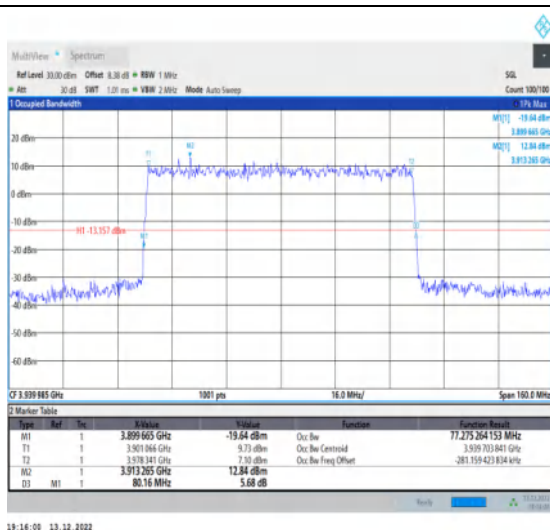
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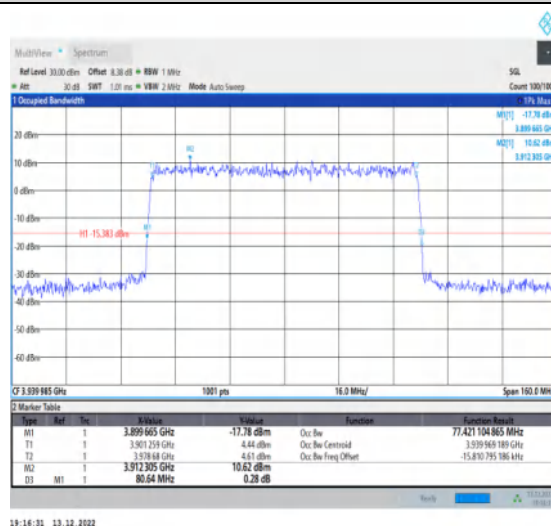
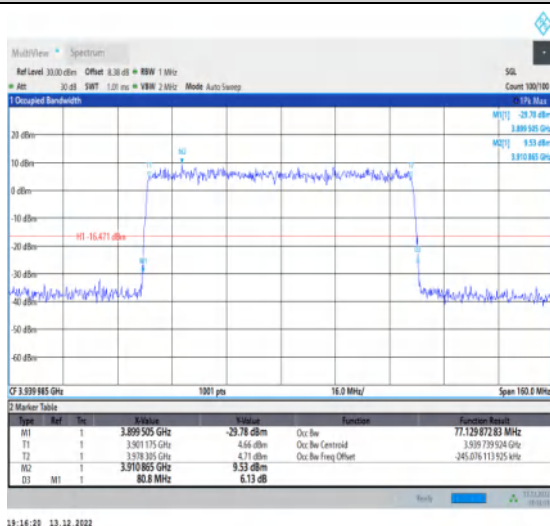
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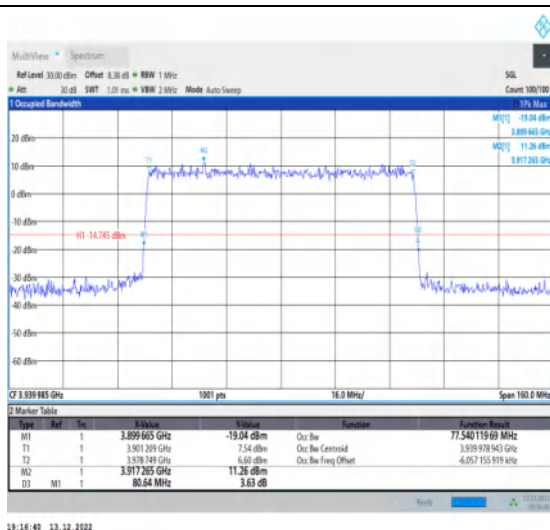
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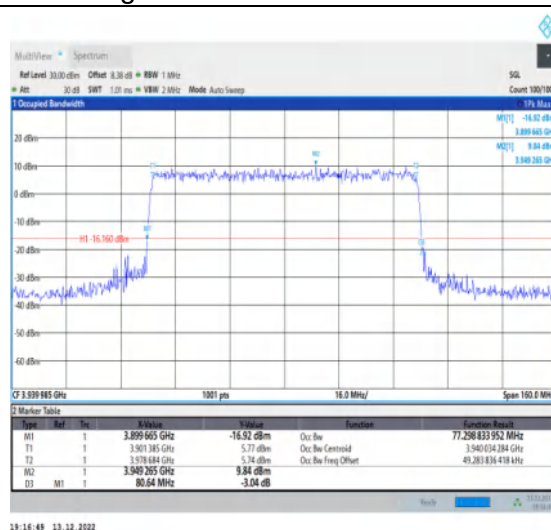
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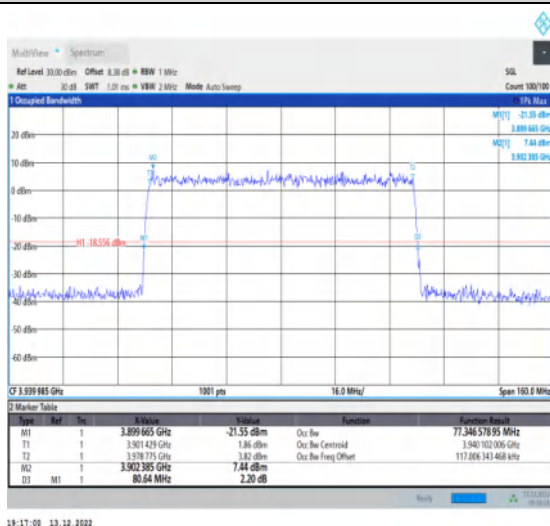
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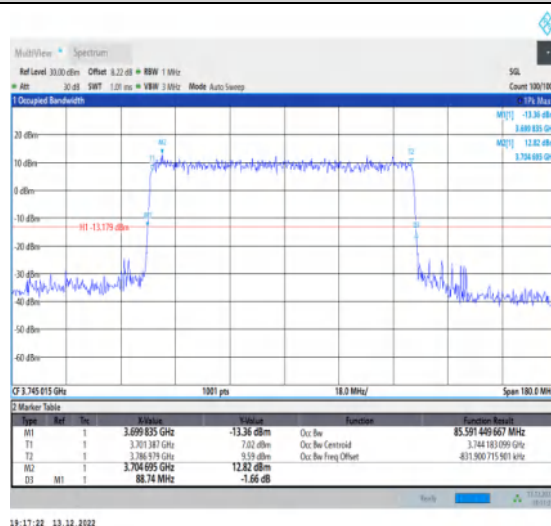
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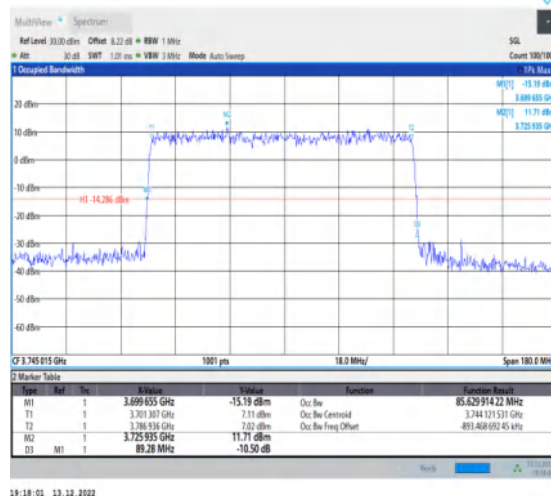
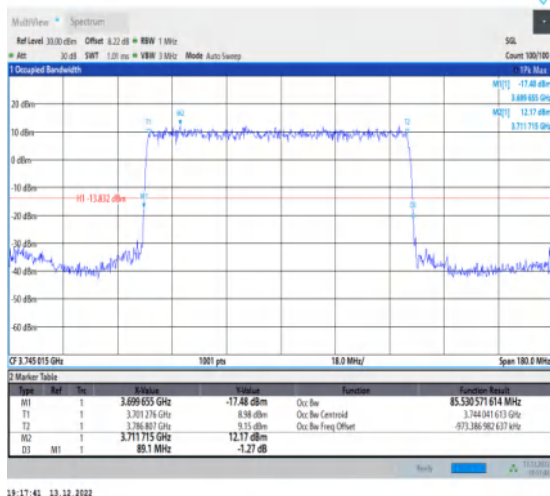
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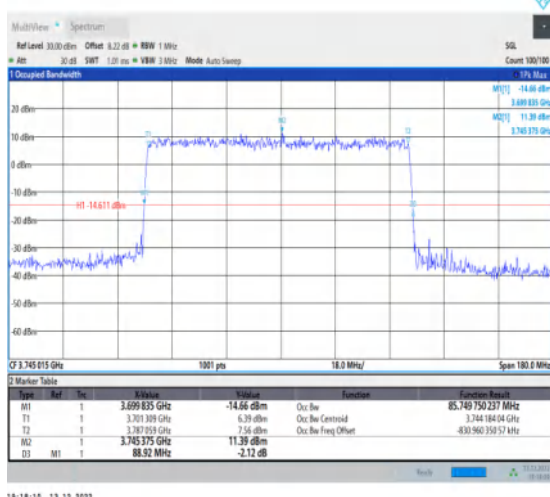
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1-N77-3700-3980-30-90-L-3-DFT-16QAM-Outer_Full-240@0-Ant1-85.63-89.280-≤90-PASS



1-N77-3700-3980-30-90-L-4-DFT-64QAM-Outer_Full-240@0-Ant1-85.75-88.920-≤90-PASS

1-N77-3700-3980-30-90-L-5-DFT-256QAM-Outer_Full-240@0-Ant1-85.849-88.920-≤90-PASS



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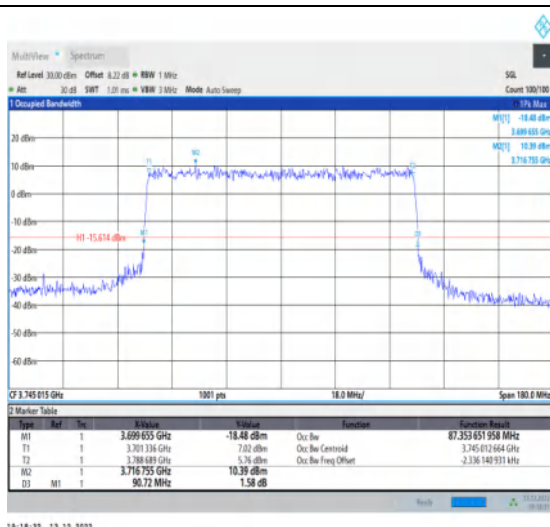
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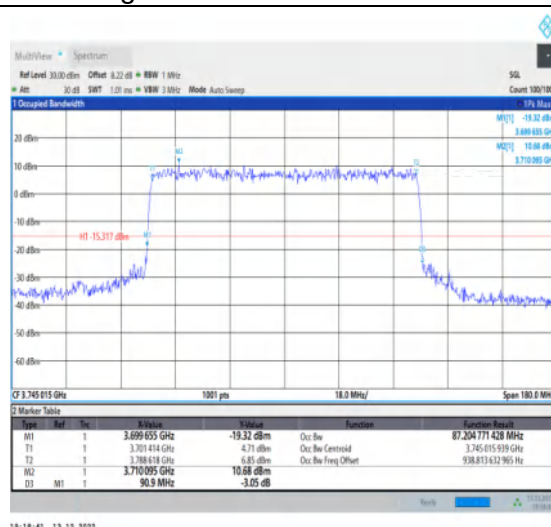
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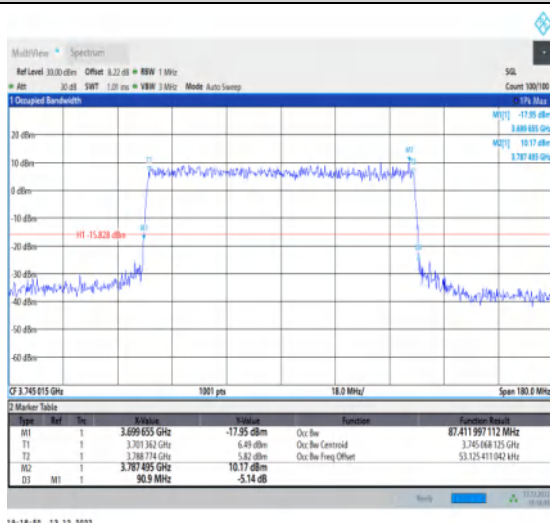
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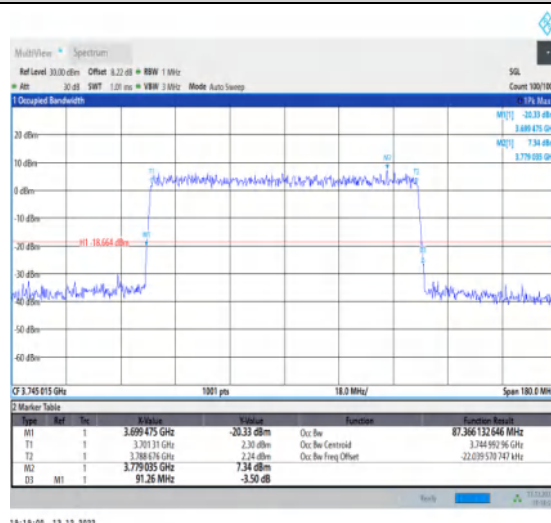
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1-N77-3700-3980-30-90-L-9-CP-256QAM-Outer_Full-245@0-Ant1-87.366-91.260≤90-PASS



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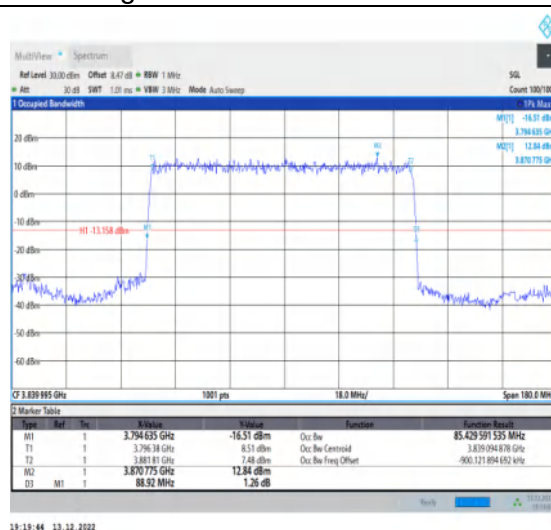
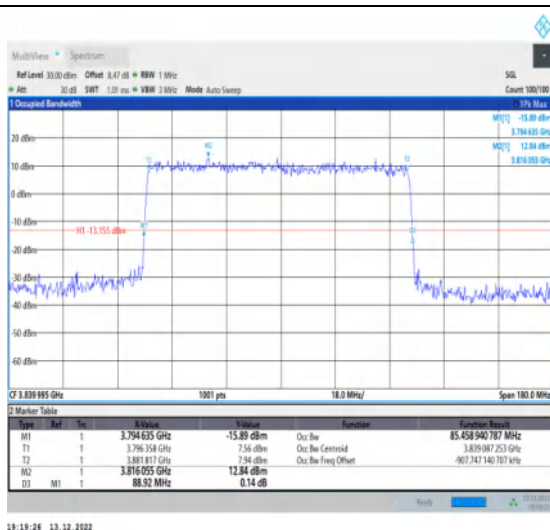
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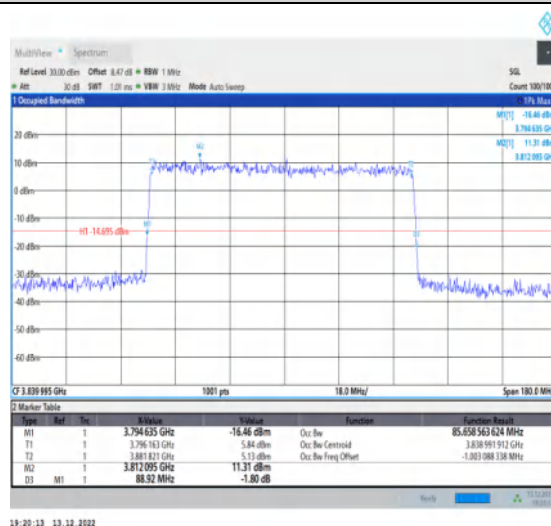
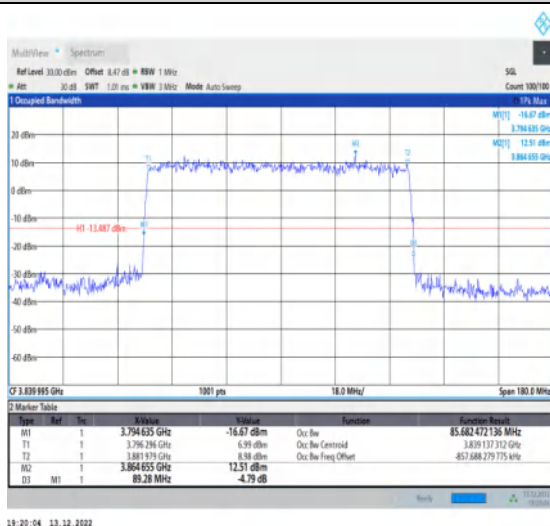
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1-N77-3700-3980-30-90-M-4-DFT-64QAM-Outer_Full-240@0-Ant1-85.659-88.920-≤90-PASS



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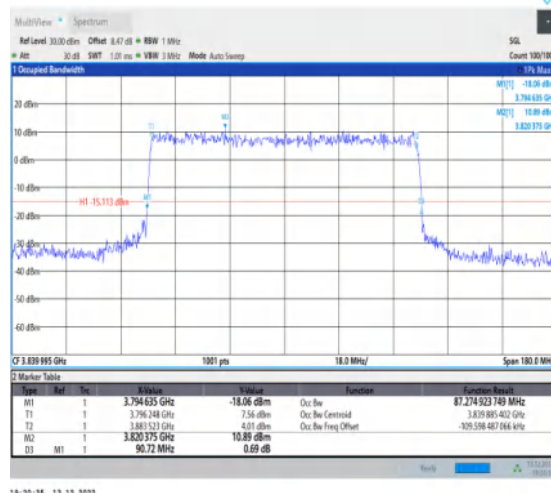
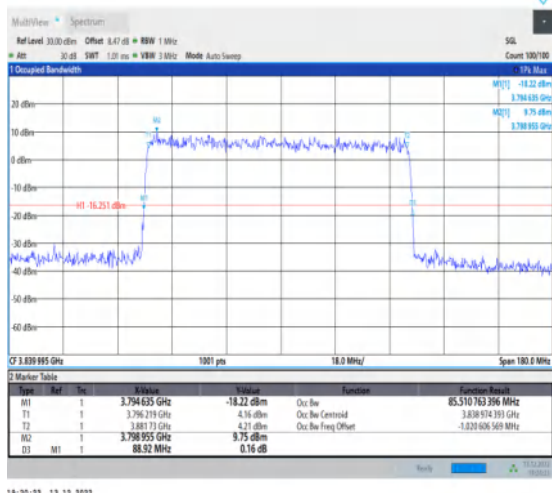
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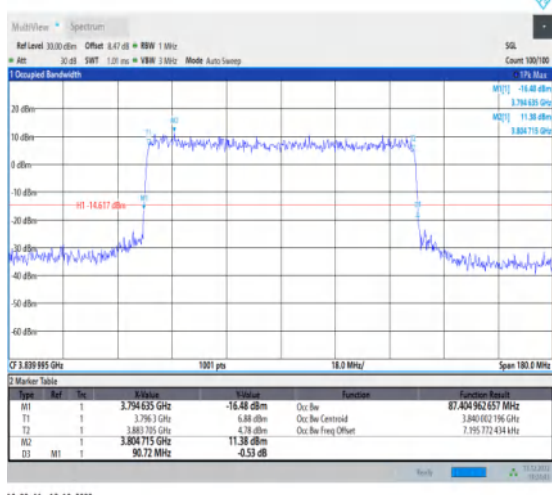
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1-N77-3700-3980-30-90-M-8-CP-64QAM-Outer_Full-245@0-Ant1-87.562-90.900-≤90-PASS



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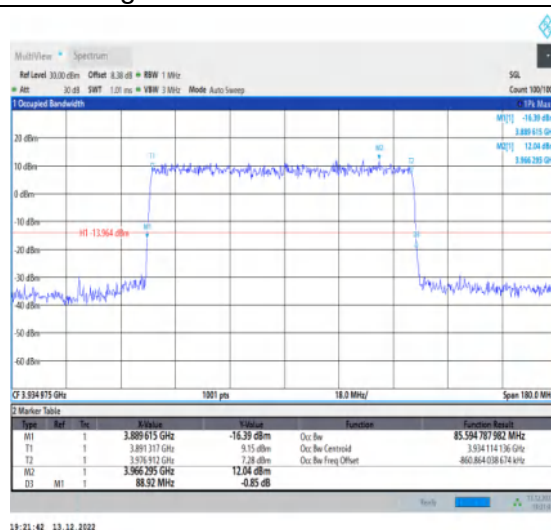
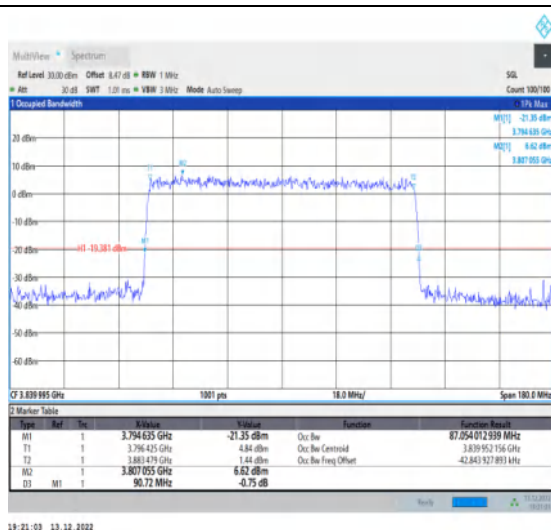
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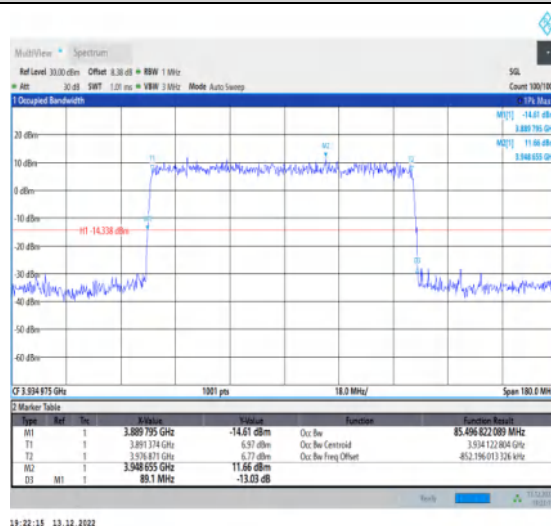
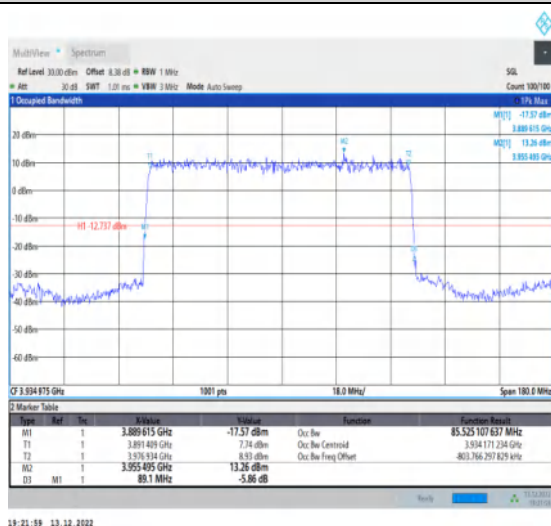
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1-N77-3700-3980-30-90-H-3-DFT-16QAM-Outer_Full-240@0-Ant1-85.497-89.100-≤90-PASS



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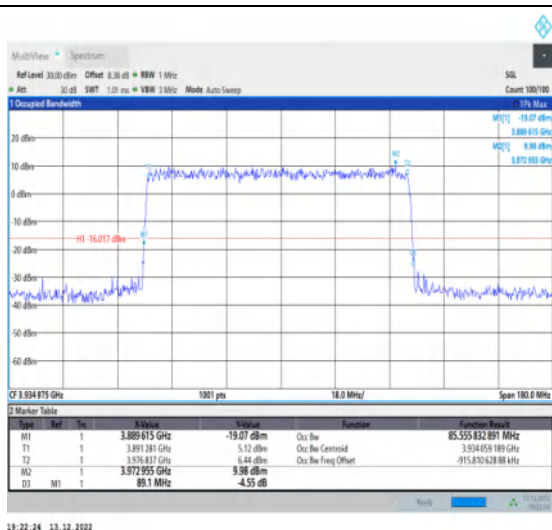
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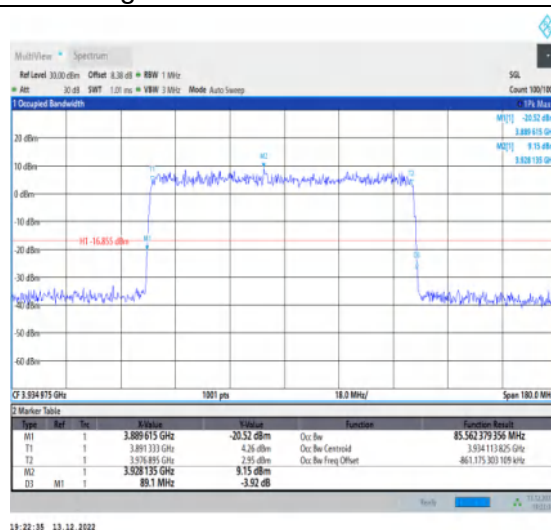
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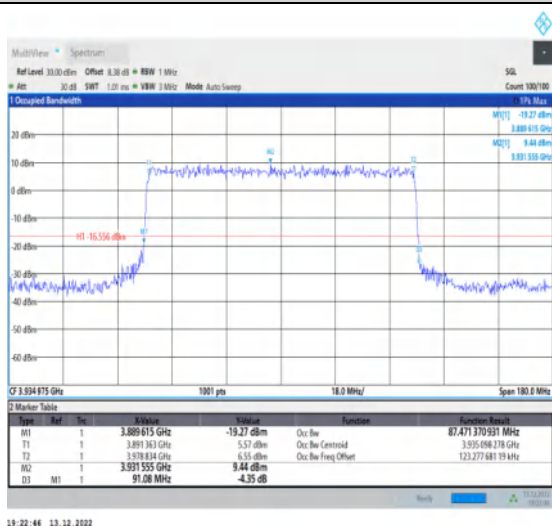
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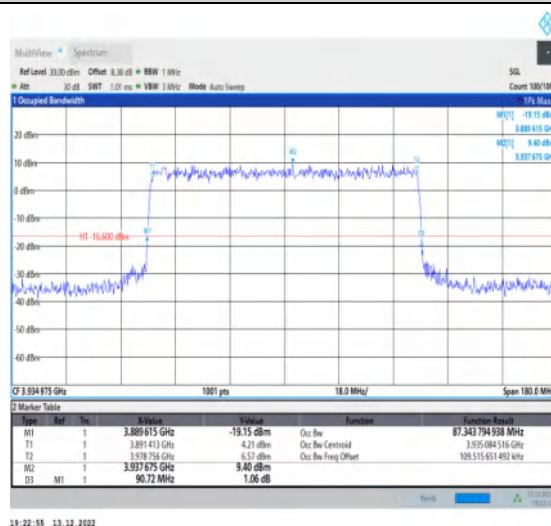
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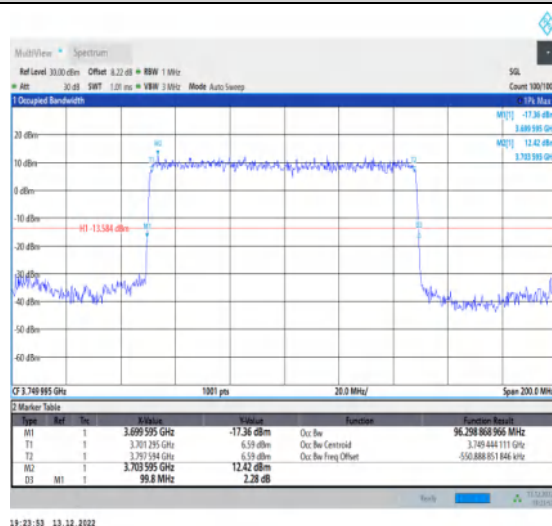
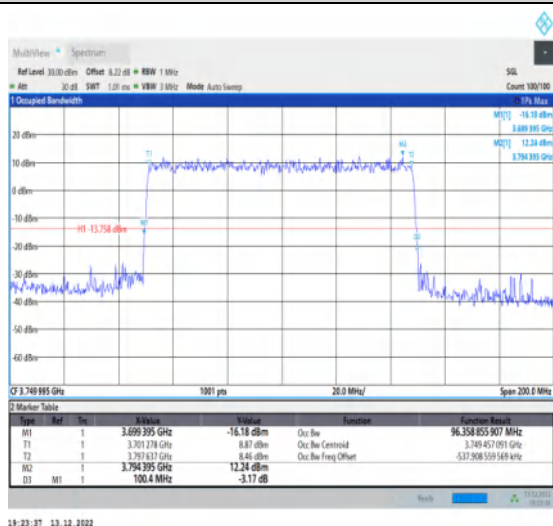
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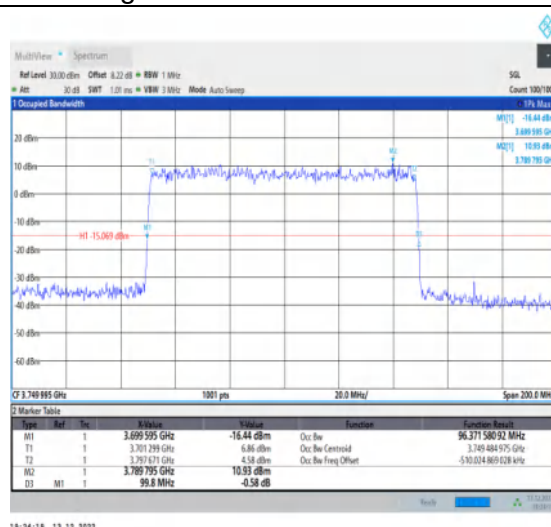
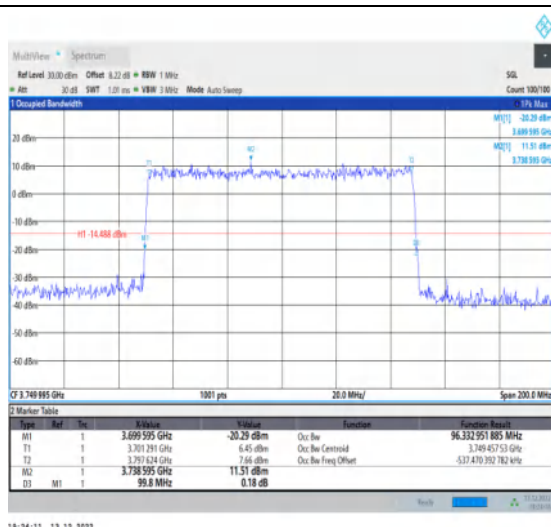
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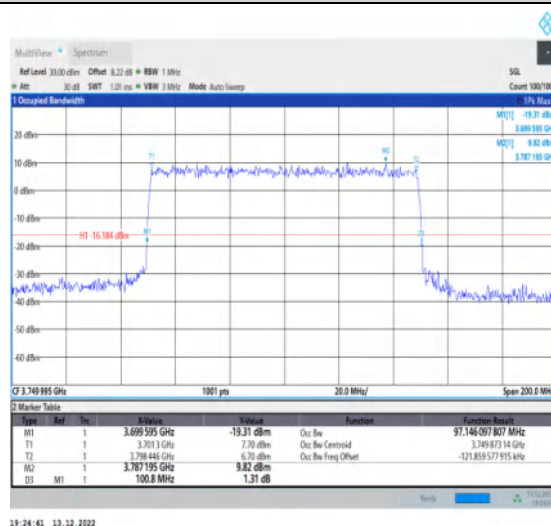
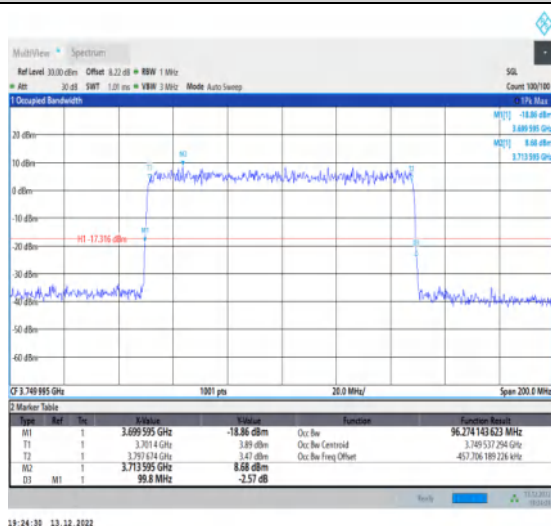
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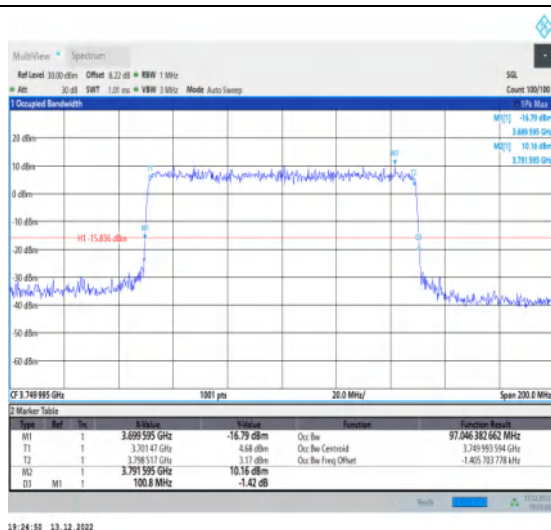
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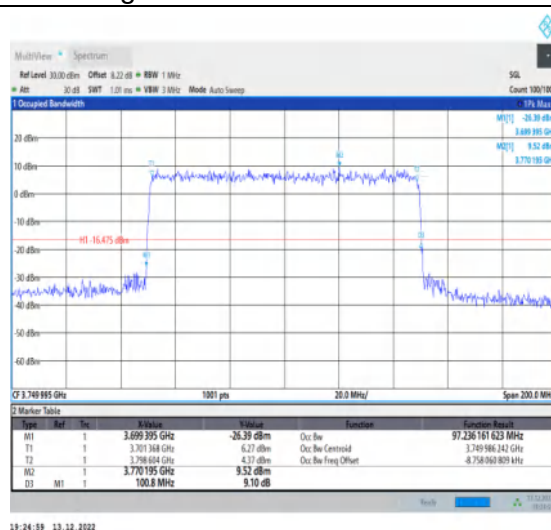
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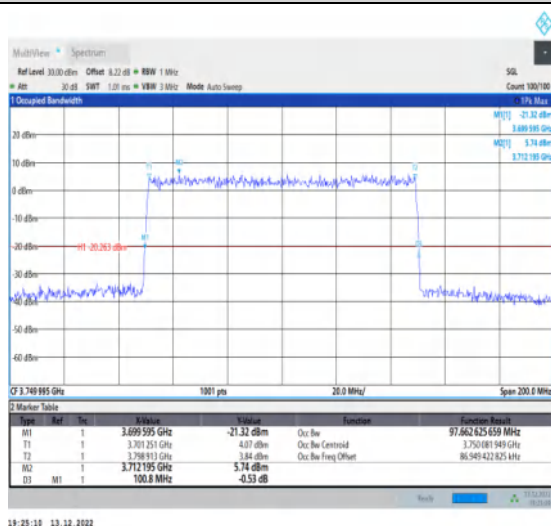
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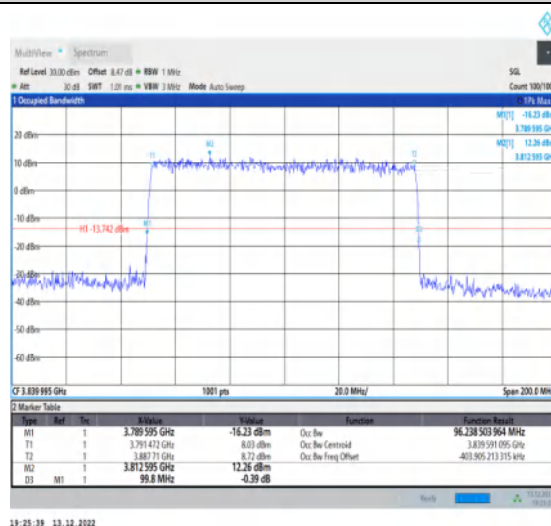
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1-N77-3700-3980-30-100-M-1-DFT-QPSK-Outer_Full
-270@0-Ant1-96.239-99.800≤100-PASS



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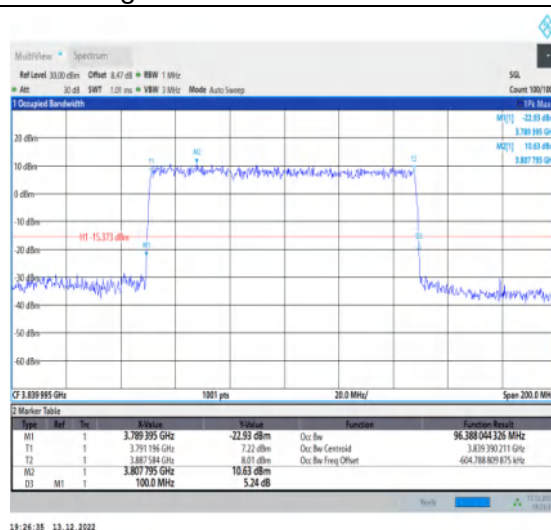
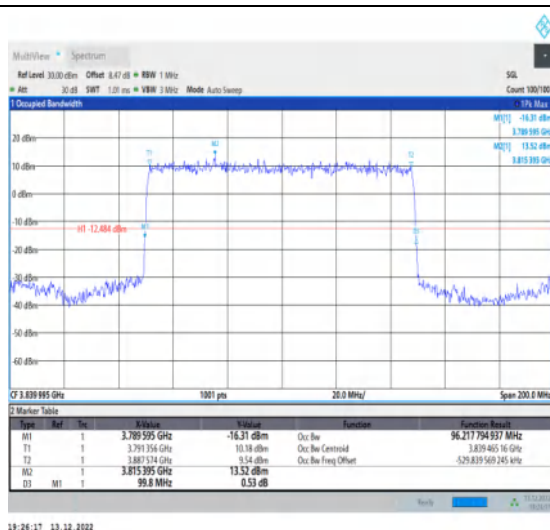
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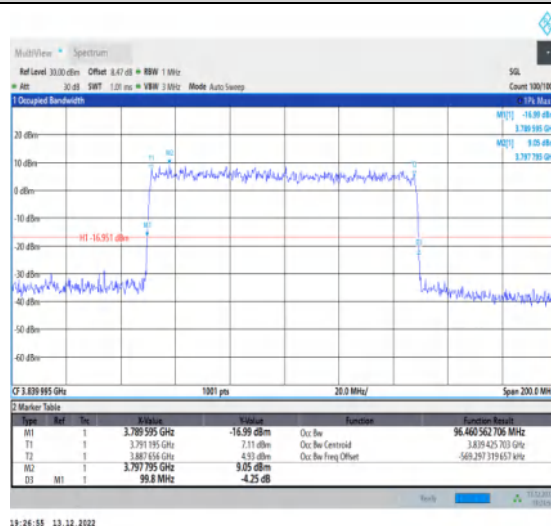
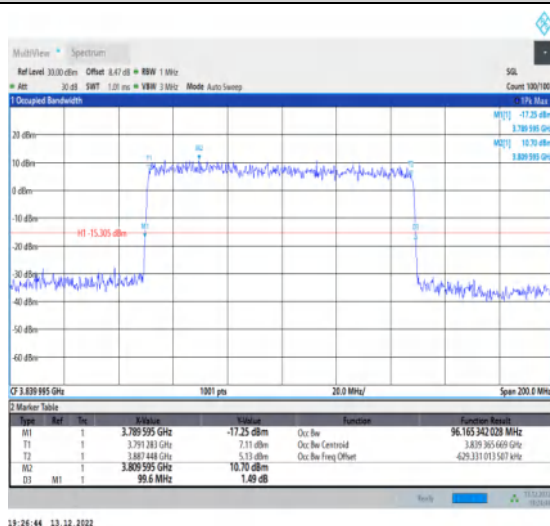
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1-N77-3700-3980-30-100-M-3-DFT-16QAM-Out_ull-270@0-Ant1-96.388-100.000-≤100-PASS



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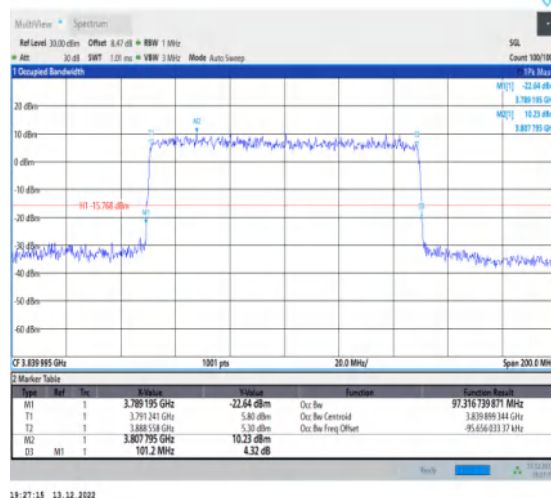
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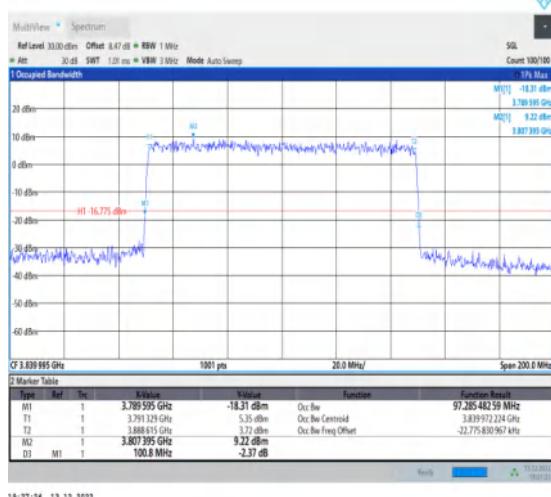
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1-N77-3700-3980-30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-97.41-100.800-≤100-PASS



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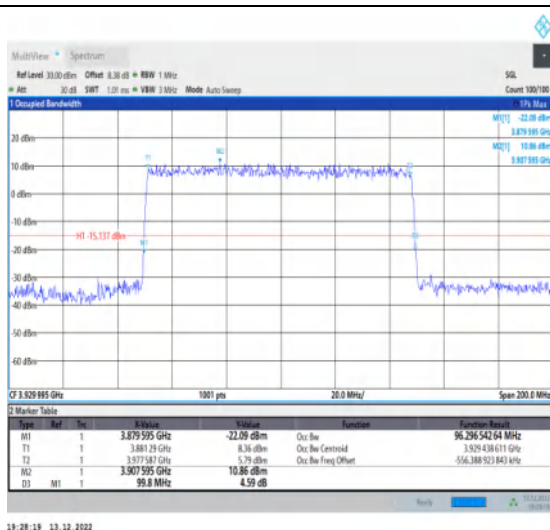
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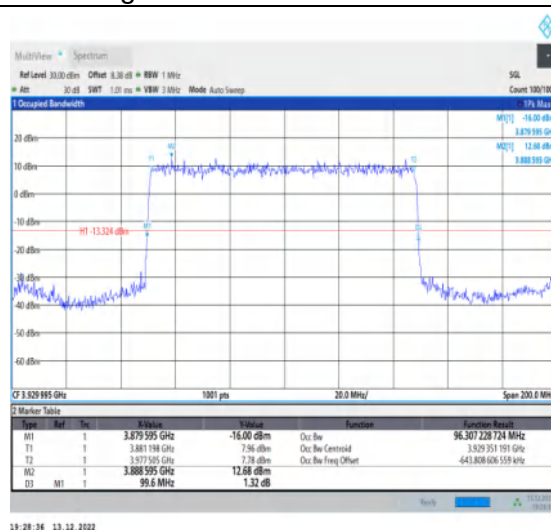
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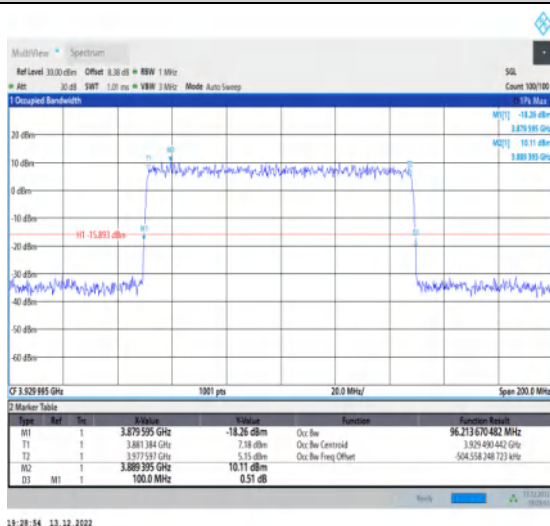
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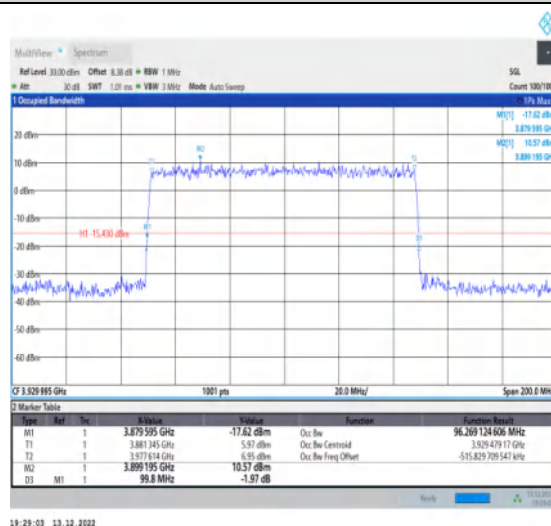
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1-N77-3700-3980-30-100-H-4-DFT-64QAM-Outet_Full
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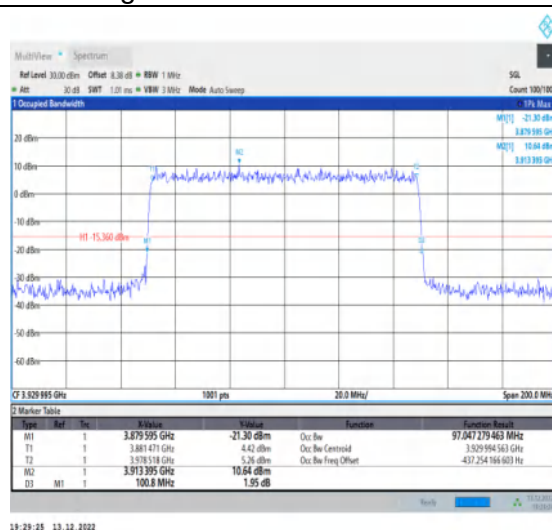
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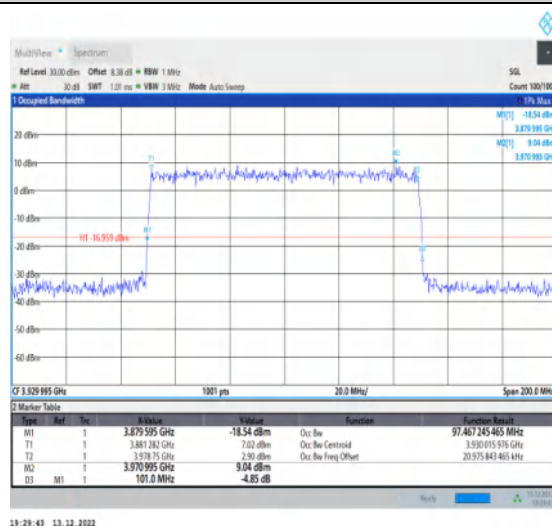
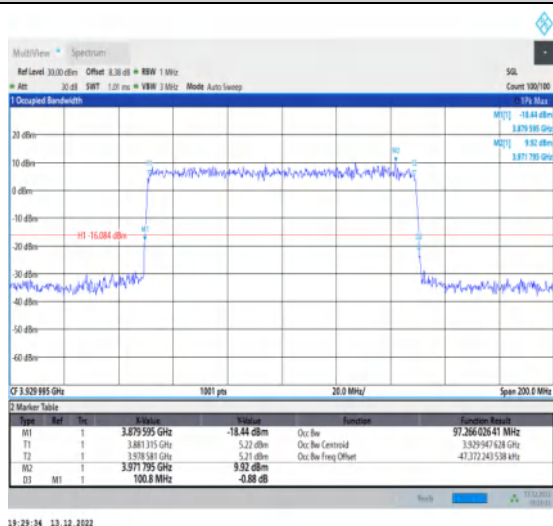
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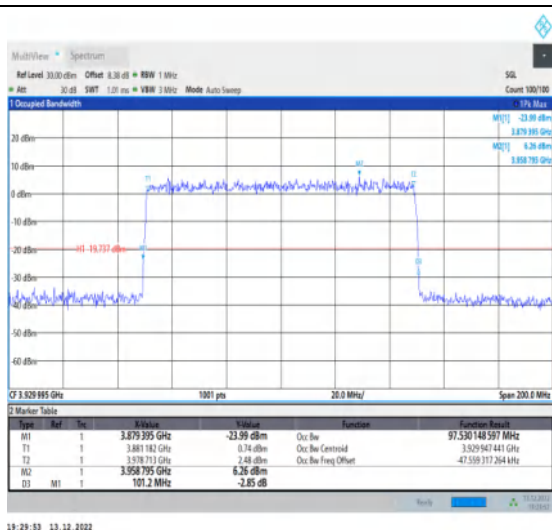
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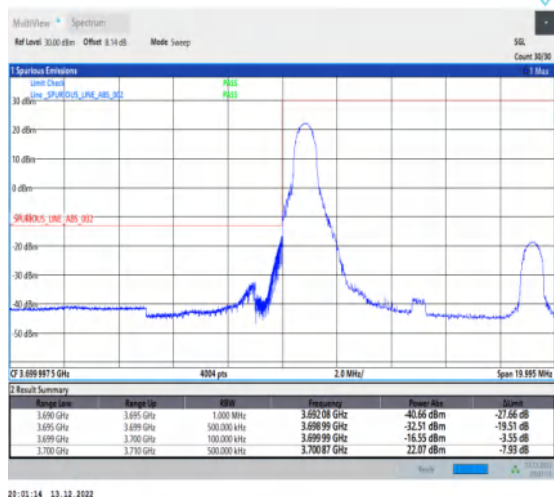
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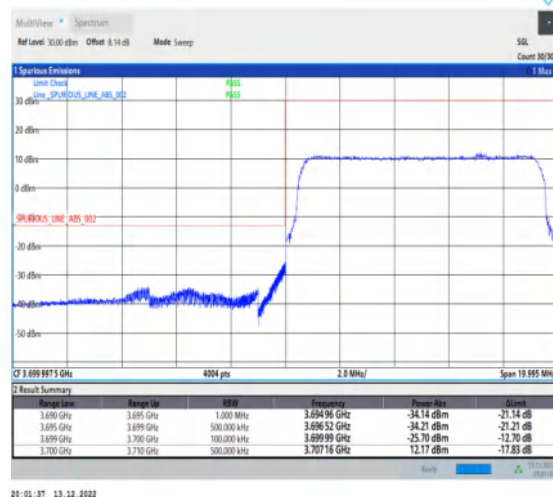
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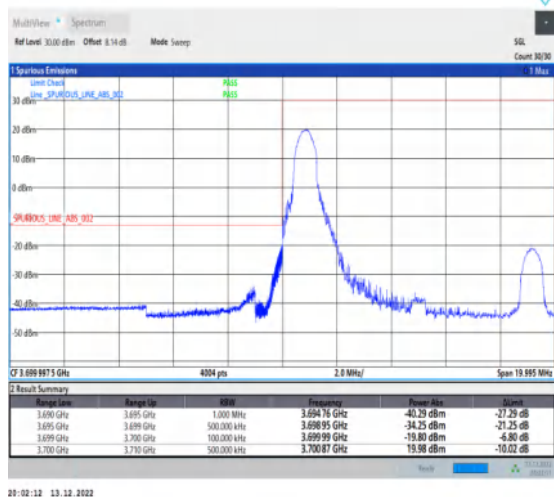
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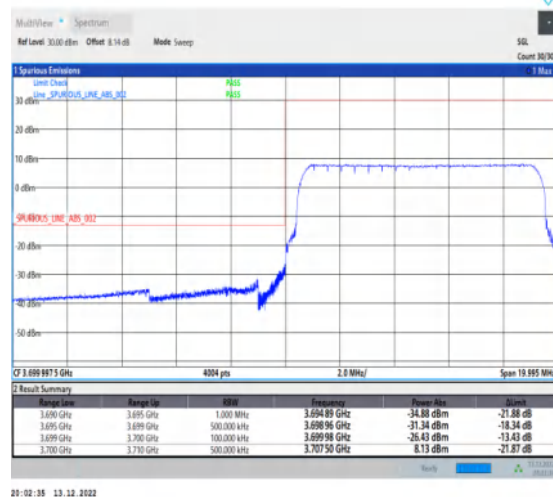
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1-N77-3700-3980-30-10-L-4-CP-QPSK-Edge_1RB_Lef t-1@0-Ant1-1--PASS-see graph



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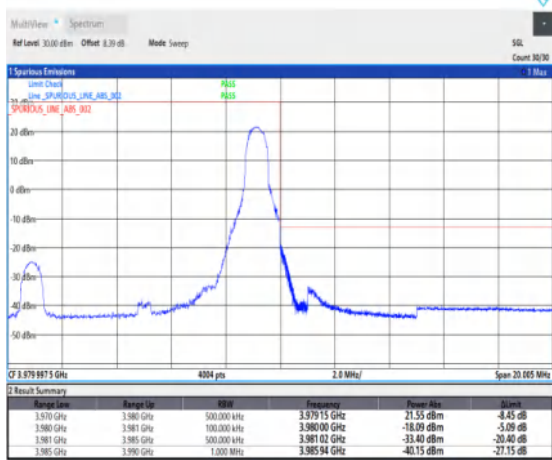
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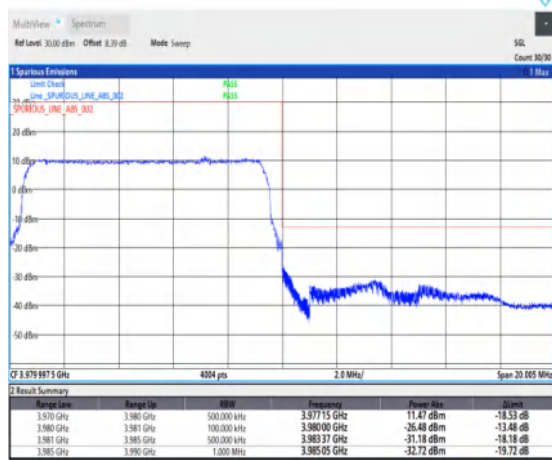
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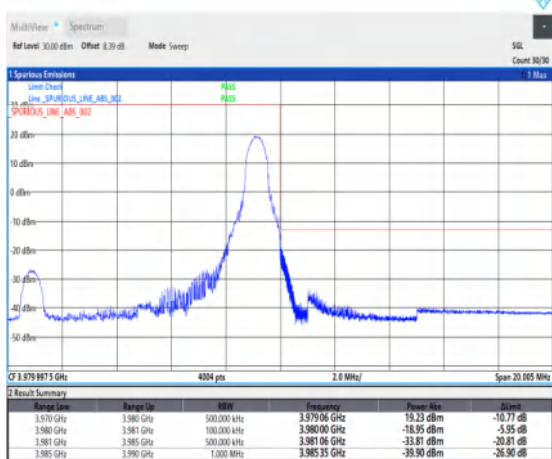
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20-03-01 13.12.2022

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20-04-17 13.12.2022

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20-04-19 13.12.2022

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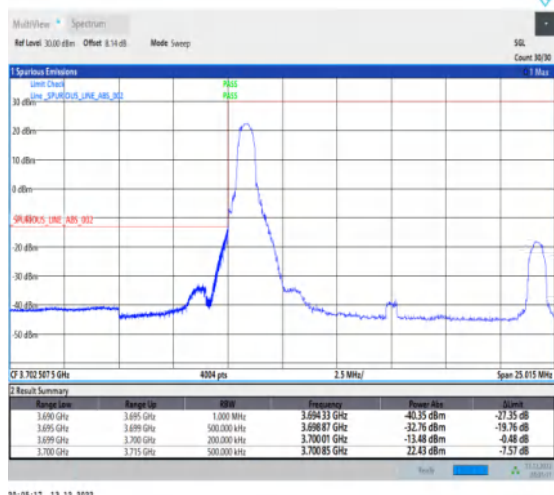
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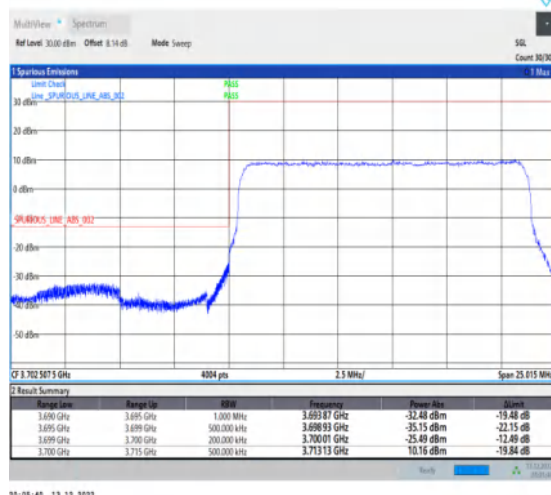
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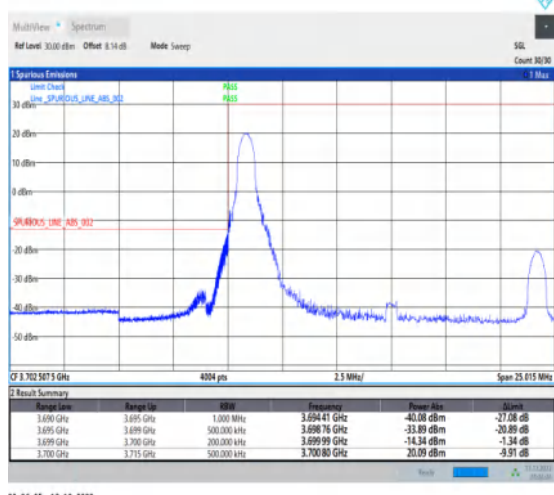
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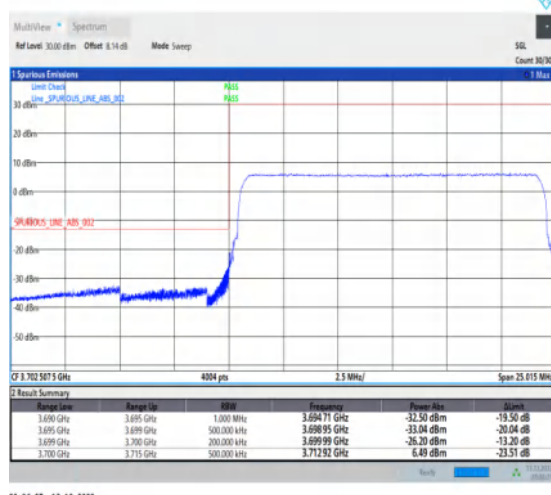
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20-06-05 13.12.2022

1-N77-3700-3980-30-15-L-4-CP-QPSK-Edge_1RB_Lef t-1@0-Ant1-1--PASS-see graph



20-06-27 13.12.2022

1-N77-3700-3980-30-15-L-6-CP-QPSK-Outer_Full -38@0-Ant1-1--PASS-see graph



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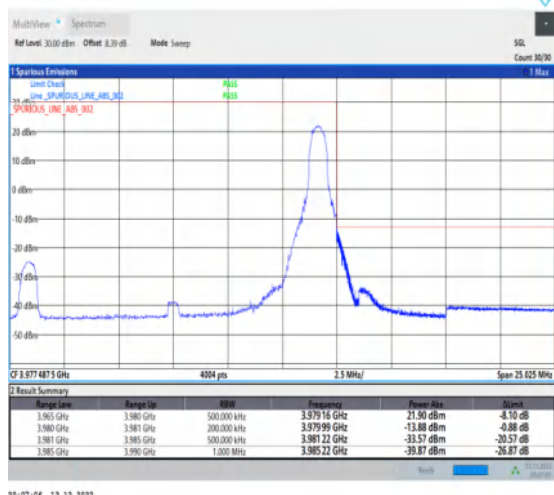
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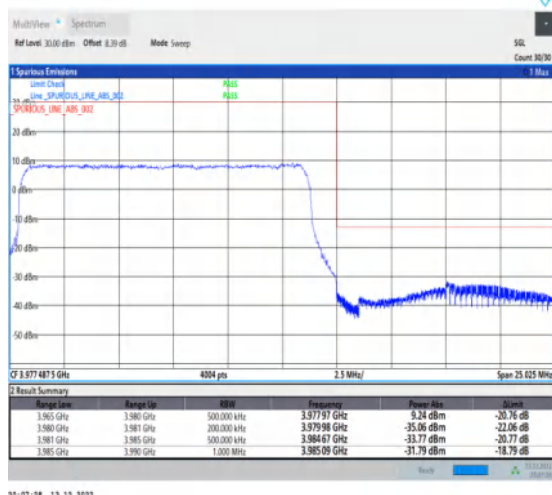
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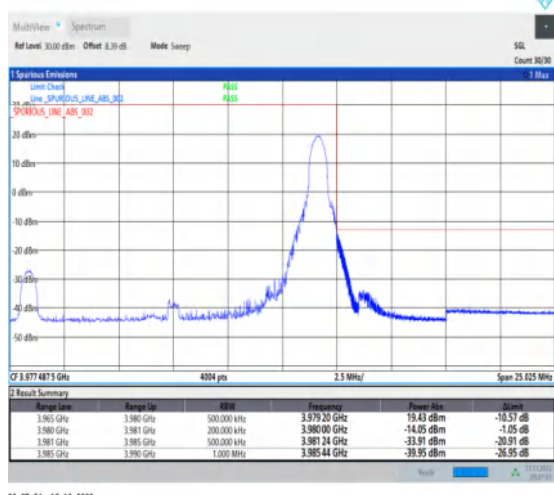
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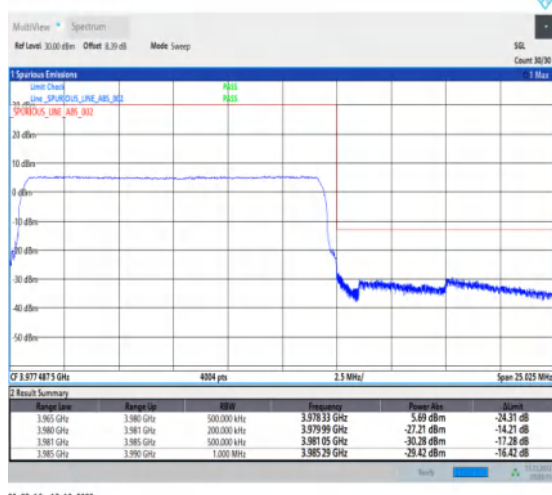
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20:08:16 13.12.2022

1-N77-3700-3980-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



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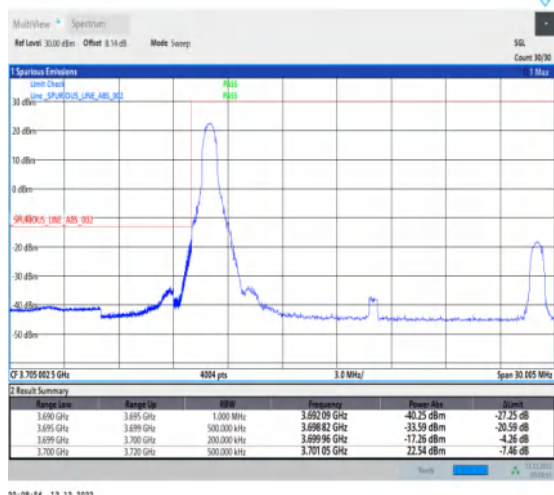
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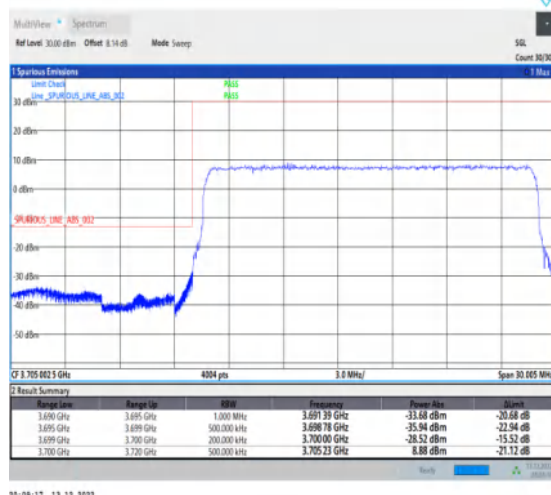
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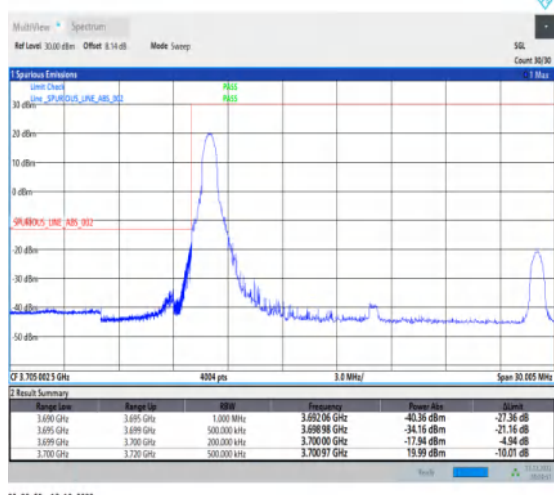
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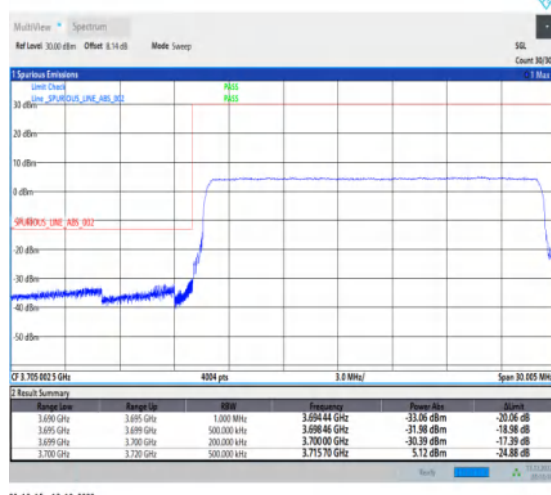
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20-09-12 13.12.2022

1-N77-3700-3980-30-20-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant1-1--PASS-see graph



20-10-15 13.12.2022

1-N77-3700-3980-30-20-L-6-CP-QPSK-Outer_Full
-51@0-Ant1-1--PASS-see graph



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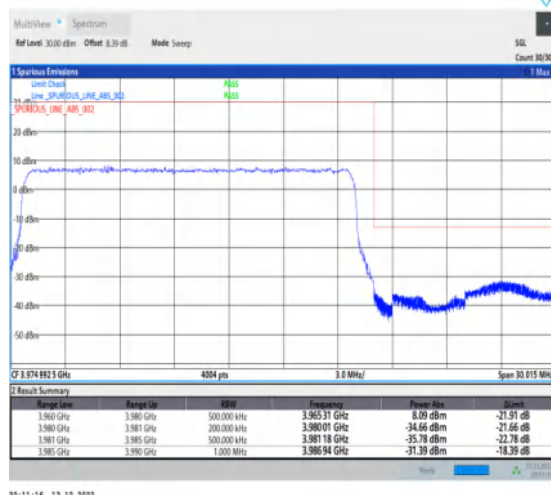
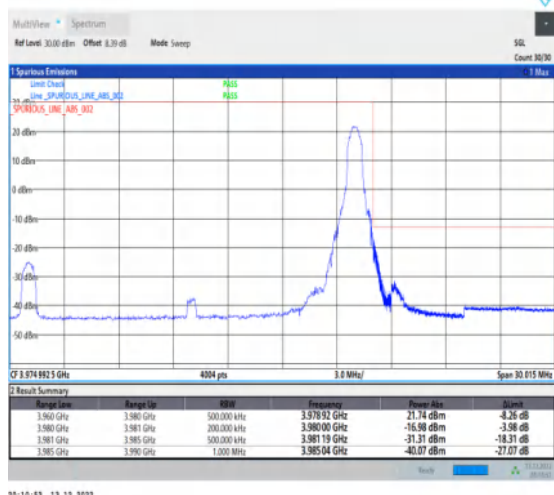
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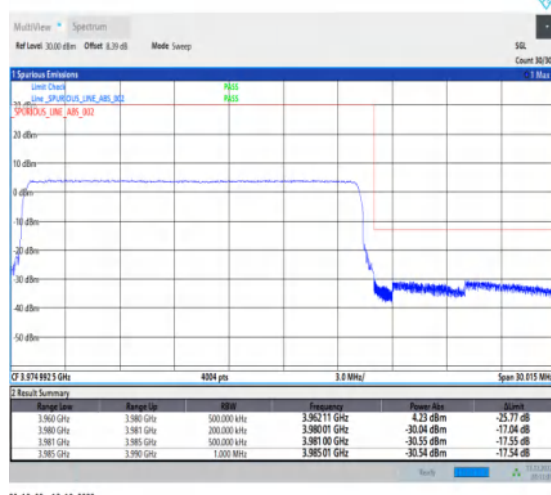
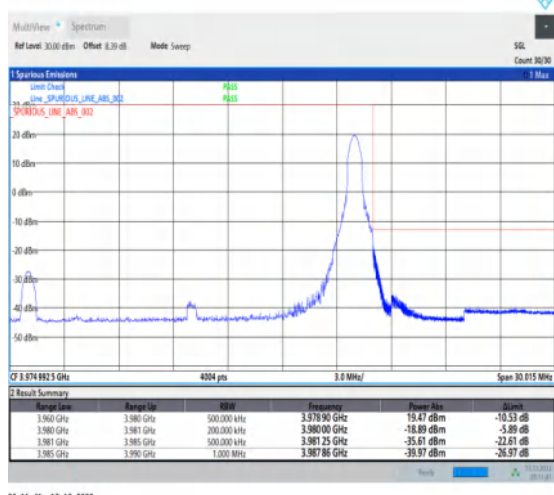
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1-N77-3700-3980-30-20-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@50-Ant1-1--PASS-see graph

1-N77-3700-3980-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N77-3700-3980-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph

1-N77-3700-3980-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph



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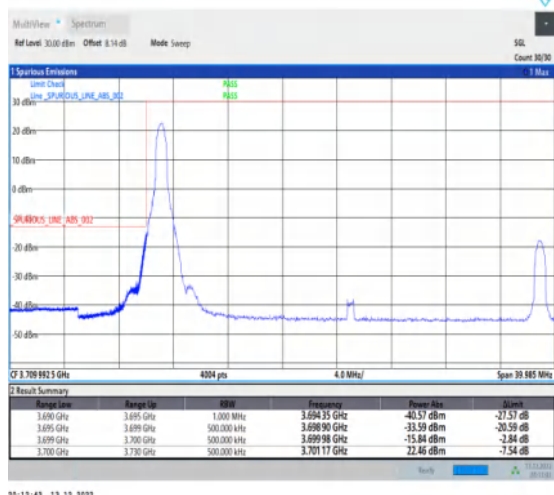
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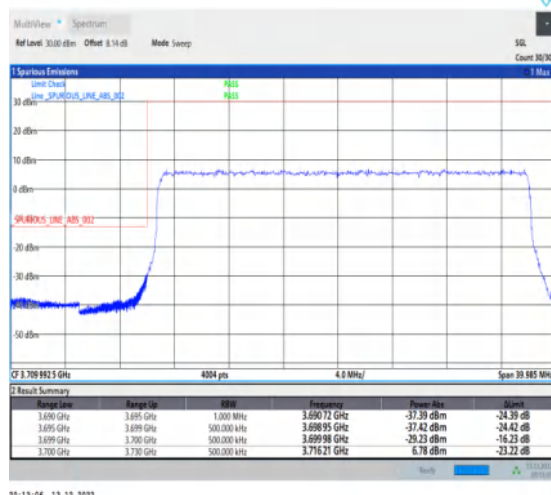
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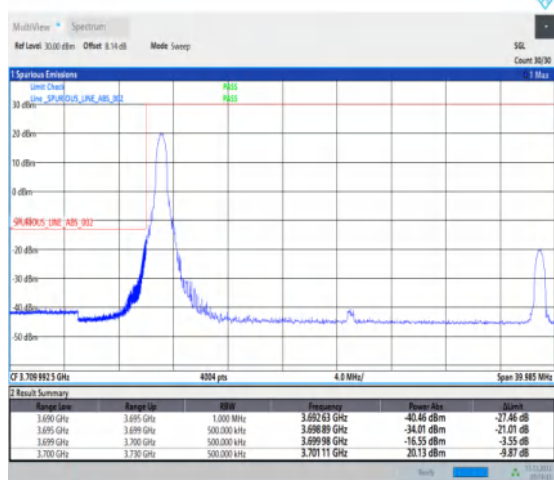
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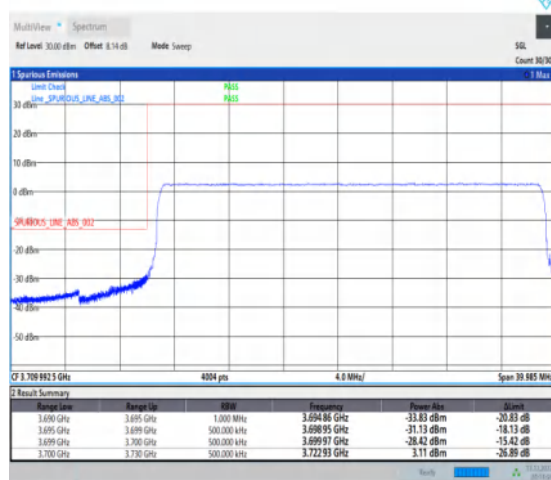
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20-14-34 13.12.2022

1-N77-3700-3980-30-30-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant1-1--PASS-see graph



20-14-57 13.12.2022

1-N77-3700-3980-30-30-L-6-CP-QPSK-Outer_Full
-78@0-Ant1-1--PASS-see graph



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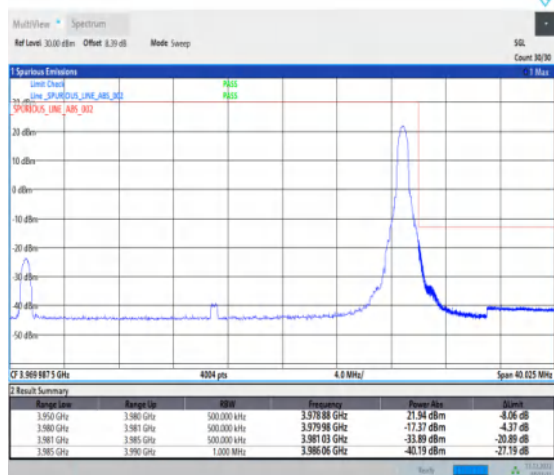
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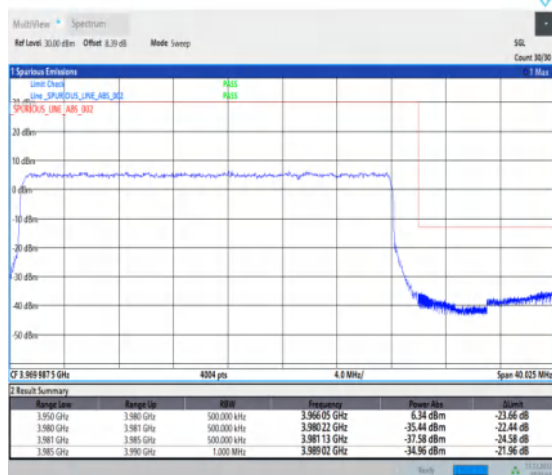
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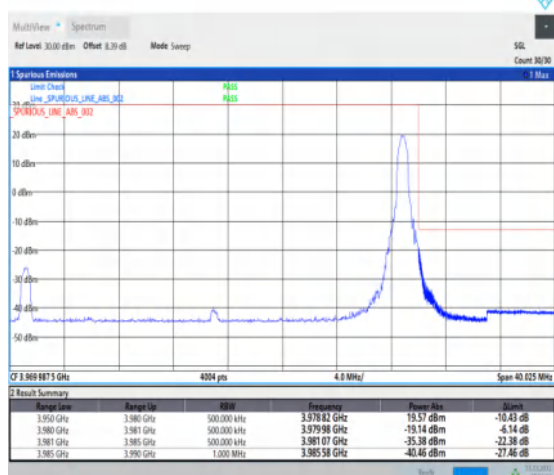
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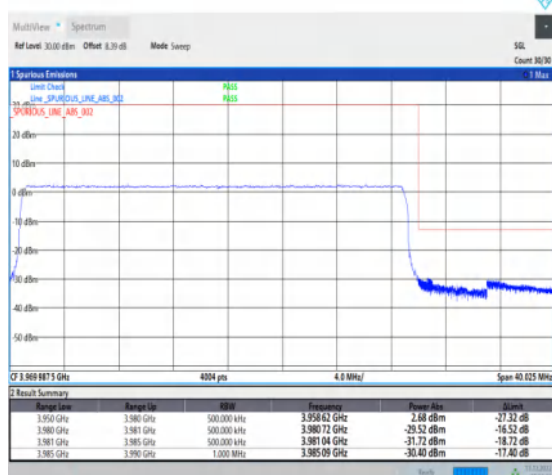
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20-17-13 13.12.2022

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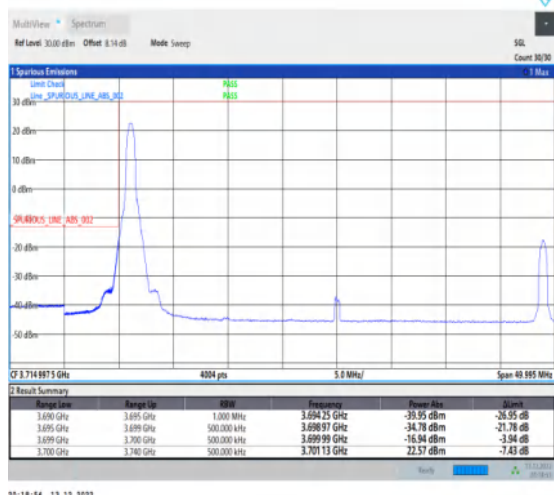
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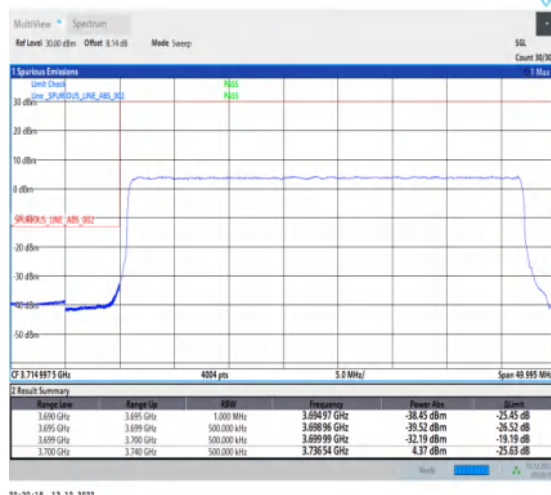
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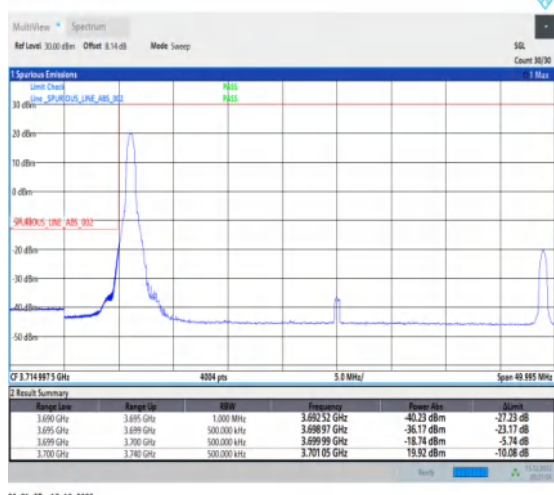
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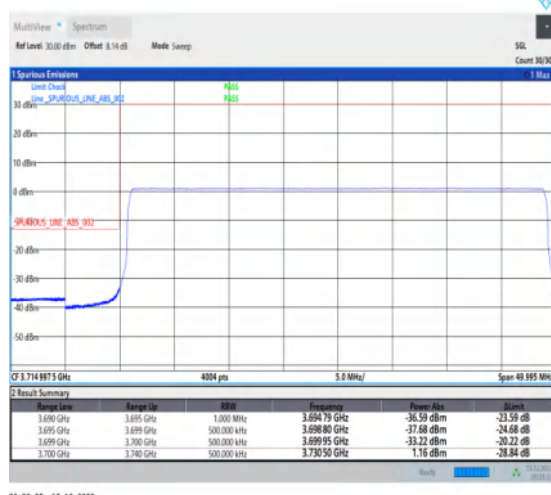
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20-21-17 13.12.2022

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20-23-22 13.12.2022

1-N77-3700-3980-30-40-L-6-CP-QPSK-Outer_Full
-106@0-Ant1-1--PASS-see graph



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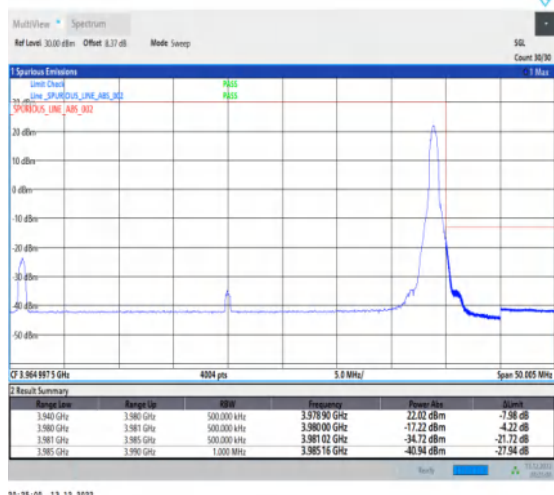
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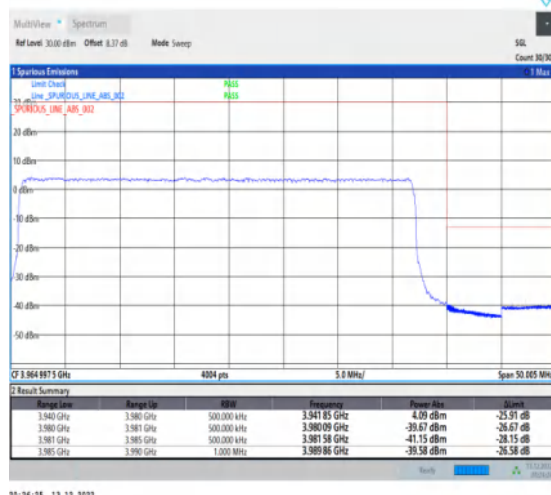
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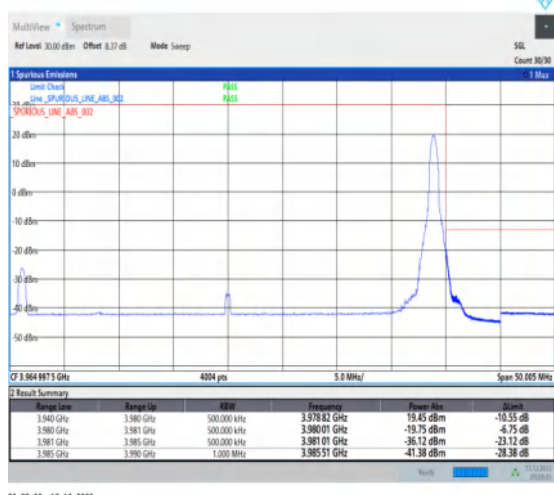
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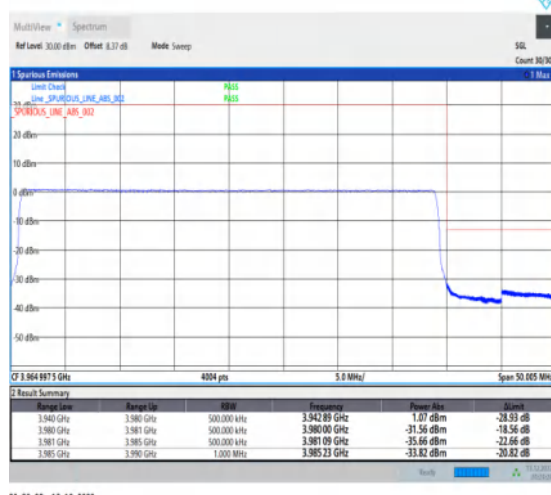
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20-28-03 13.12.2022

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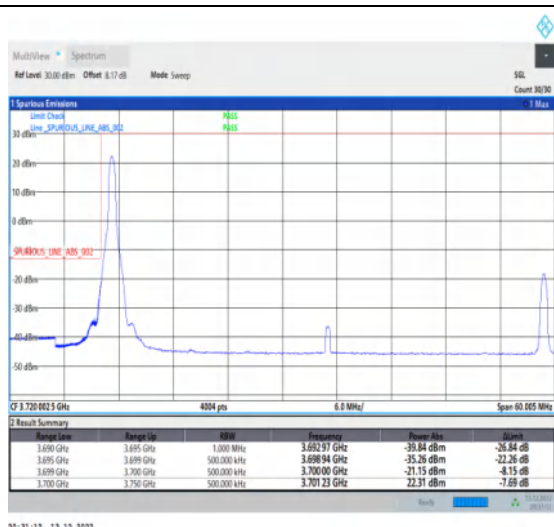
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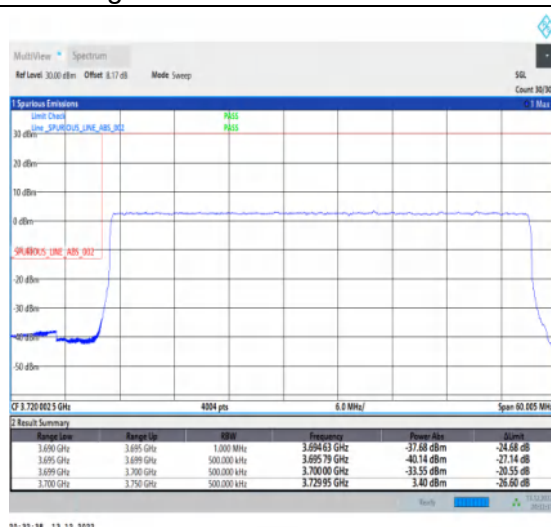
Report No.: SEWM2212000297RG02

Rev.: 01

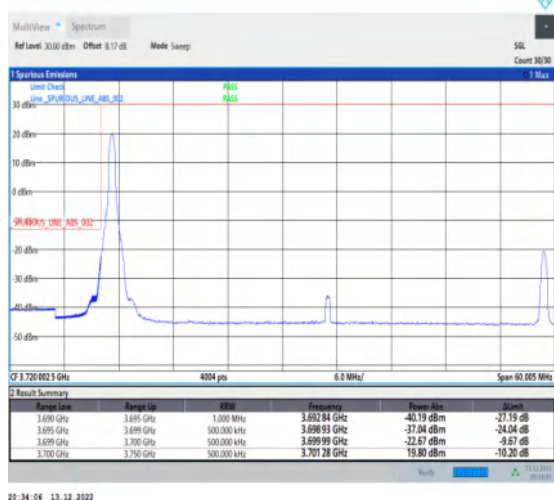
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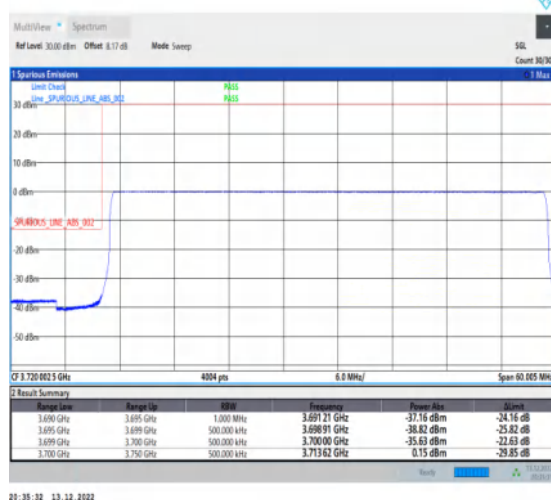
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1-N77-3700-3980-30-50-L-4-CP-QPSK-Edge_1RB_Lef t-1@0-Ant1-1--PASS-see graph



1-N77-3700-3980-30-50-L-6-CP-QPSK-Outer_Full -133@0-Ant1-1--PASS-see graph



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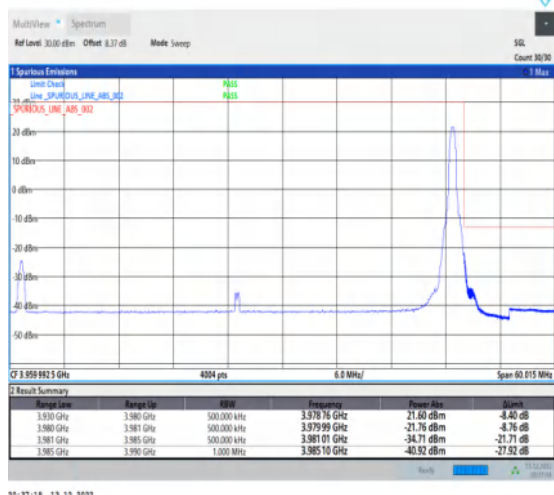
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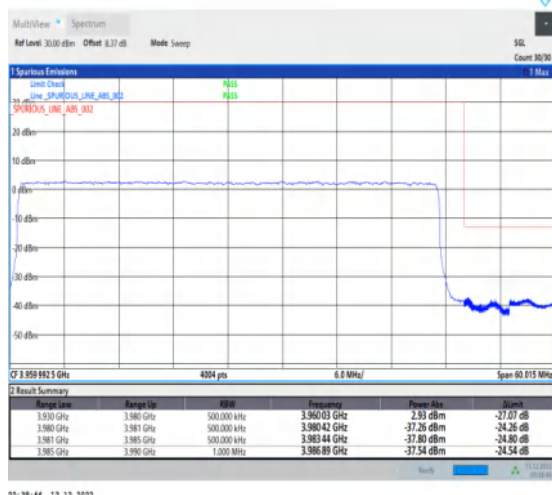
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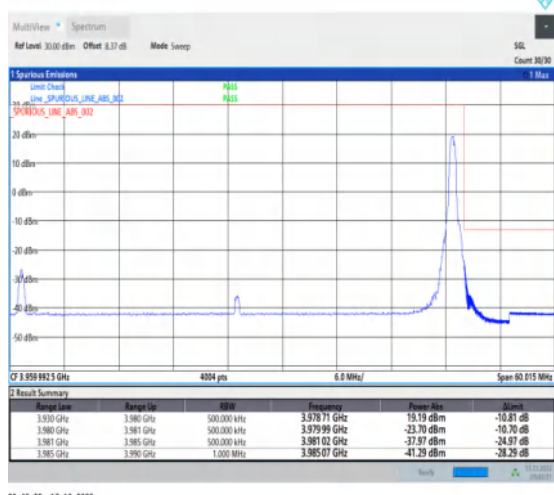
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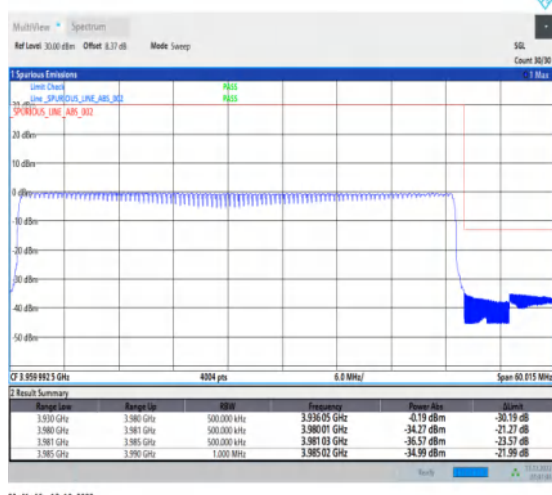
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20:40:22 13.12.2022

1-N77-3700-3980-30-50-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@132-Ant1-1--PASS-see graph



20:41:46 13.12.2022

1-N77-3700-3980-30-50-H-6-CP-QPSK-Outer_Full
-133@0-Ant1-1--PASS-see graph



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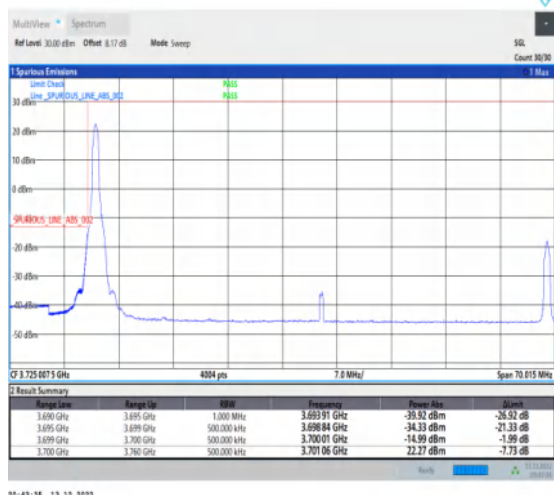
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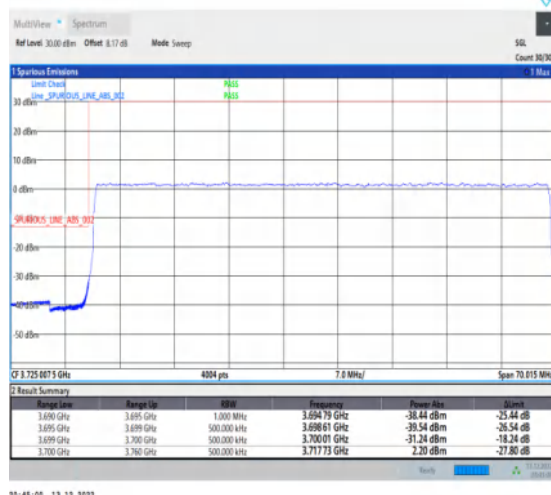
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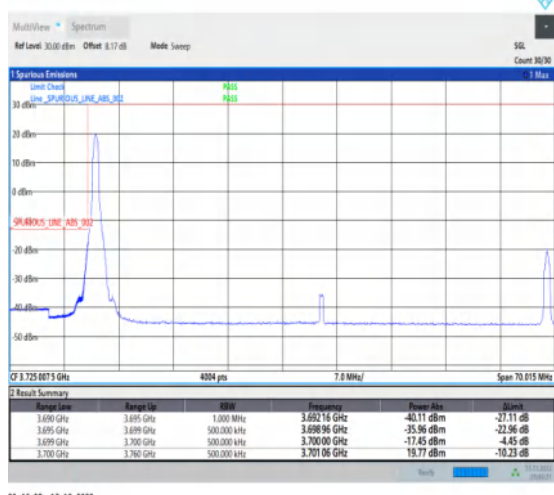
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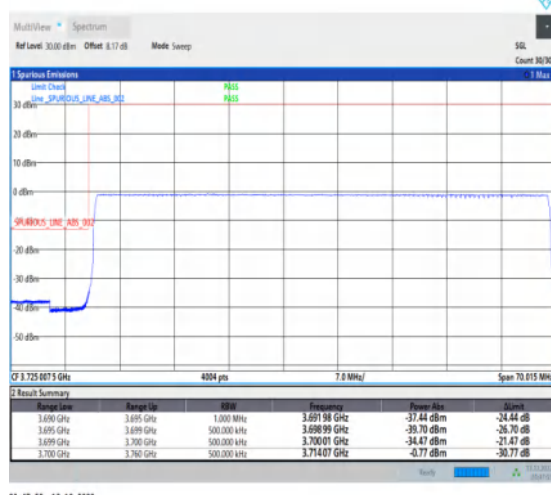
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20:46:28 13.12.2022

1-N77-3700-3980-30-60-L-4-CP-QPSK-Edge_1RB_Lef
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20:47:53 13.12.2022

1-N77-3700-3980-30-60-L-6-CP-QPSK-Outer_Full
-162@0-Ant1-1--PASS-see graph



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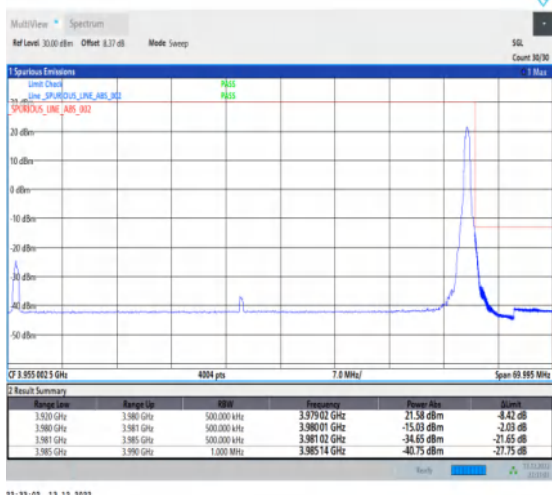
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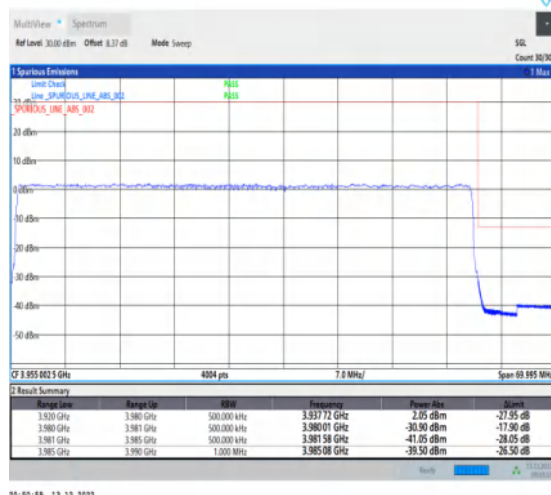
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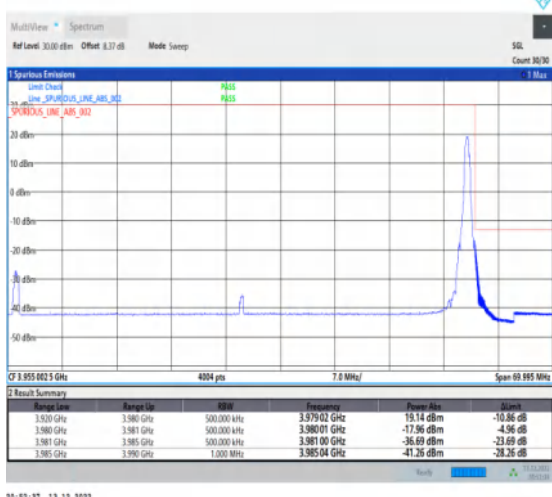
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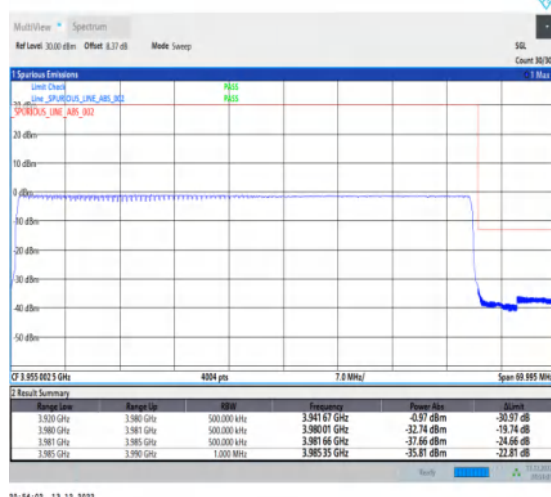
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_Full-162@0-Ant1-1--PASS-see graph



1-N77-3700-3980-30-60-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@161-Ant1-1--PASS-see graph



1-N77-3700-3980-30-60-H-6-CP-QPSK-Outer_Full
-162@0-Ant1-1--PASS-see graph



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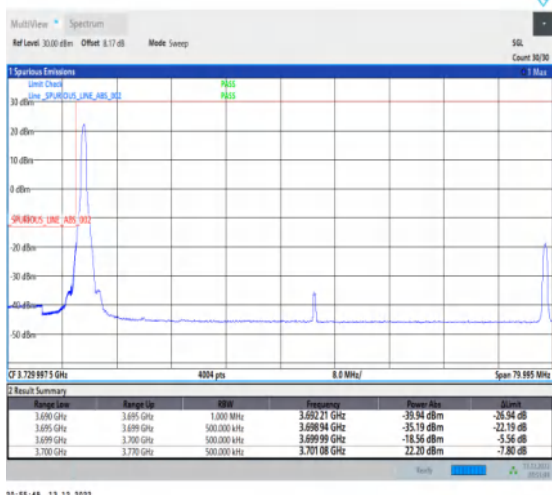
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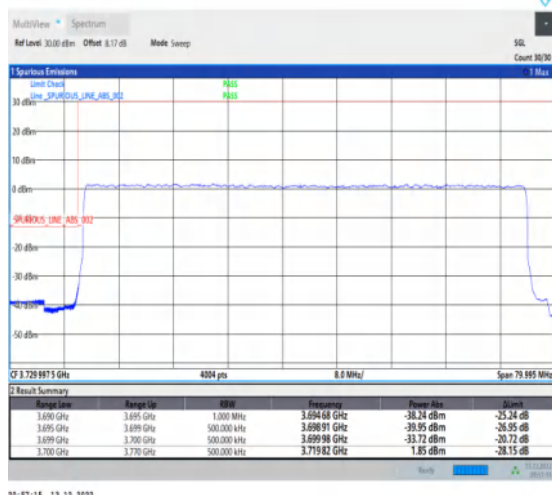
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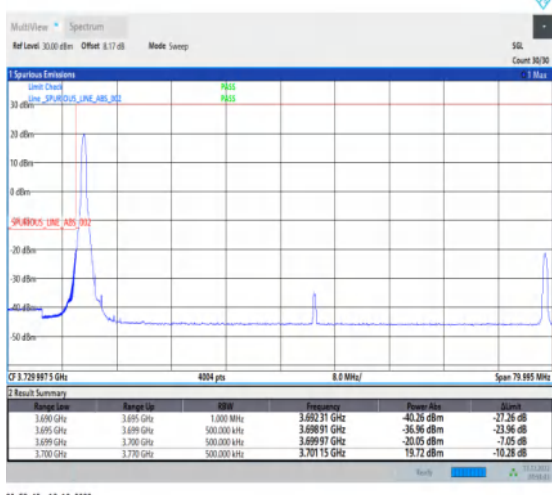
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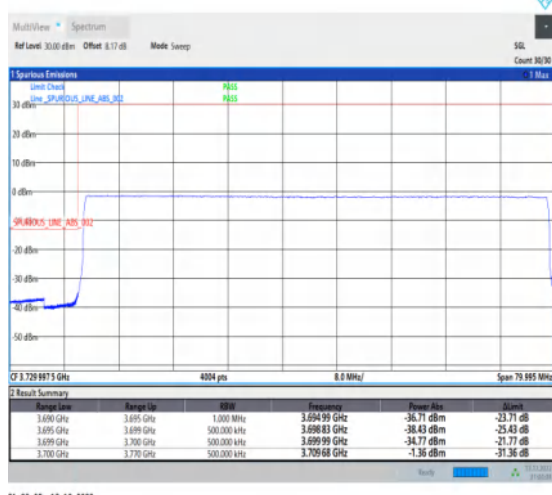
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21:58:43 13.12.2022

1-N77-3700-3980-30-70-L-4-CP-QPSK-Edge_1RB_Lef
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21:00:08 13.12.2022

1-N77-3700-3980-30-70-L-6-CP-QPSK-Outer_Full
-189@0-Ant1-1--PASS-see graph



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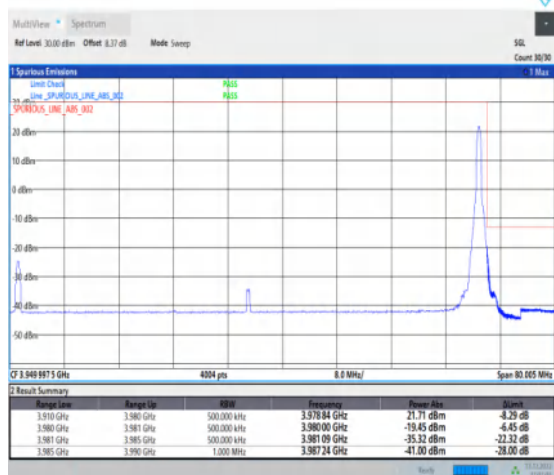
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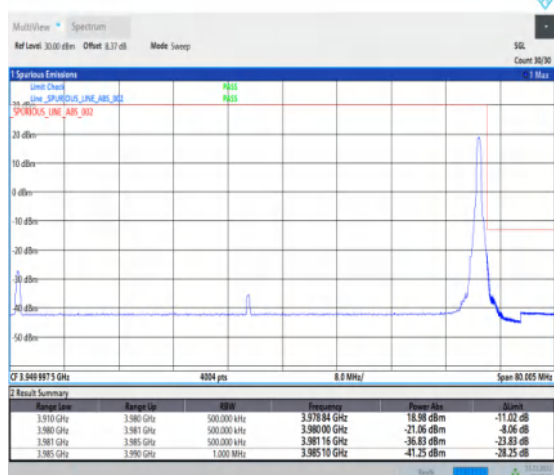
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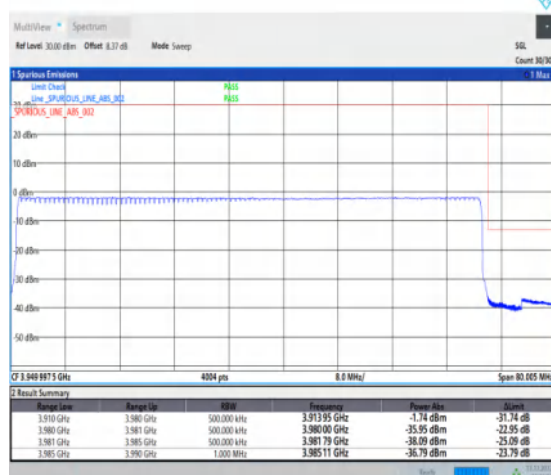
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21-06-15 13.12.2022

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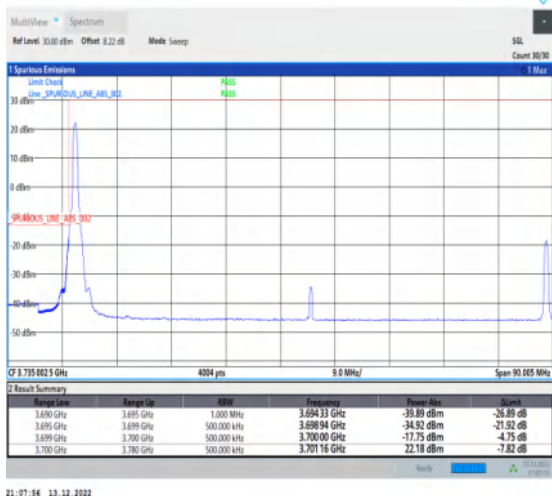
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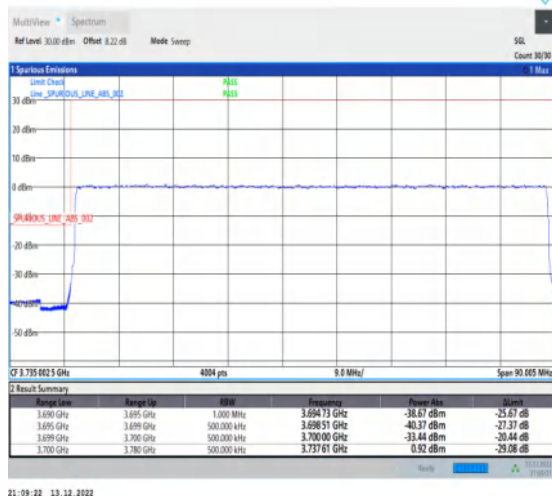
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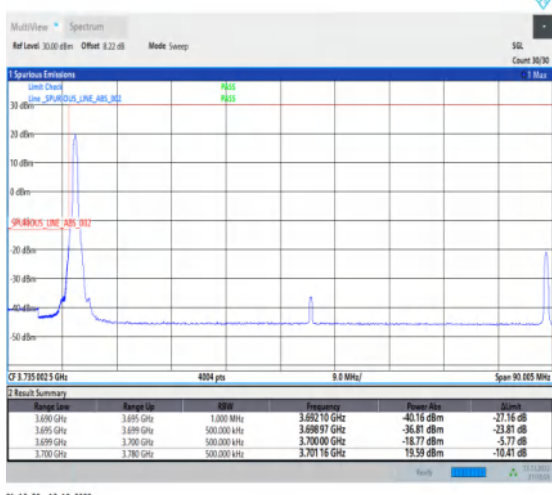
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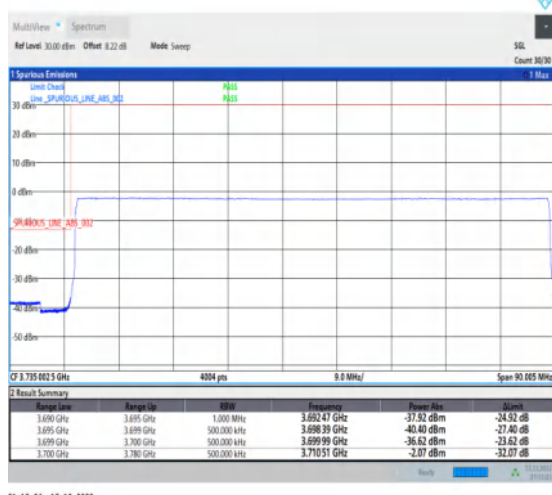
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21:10:59 13.12.2022



21:12:24 13.12.2022

1-N77-3700-3980-30-80-L-4-CP-QPSK-Edge_1RB_Lef t-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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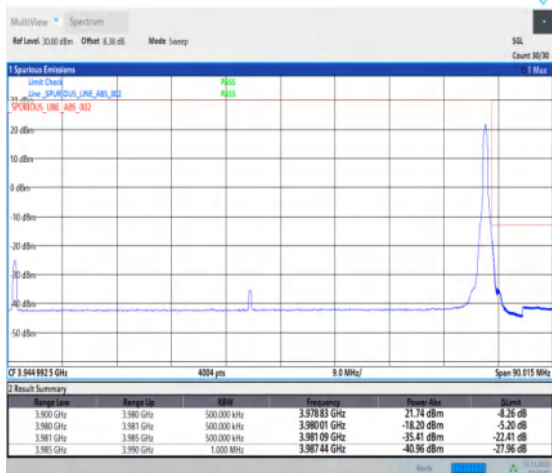
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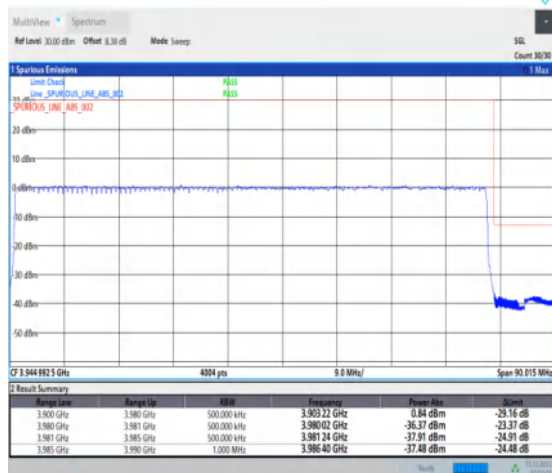
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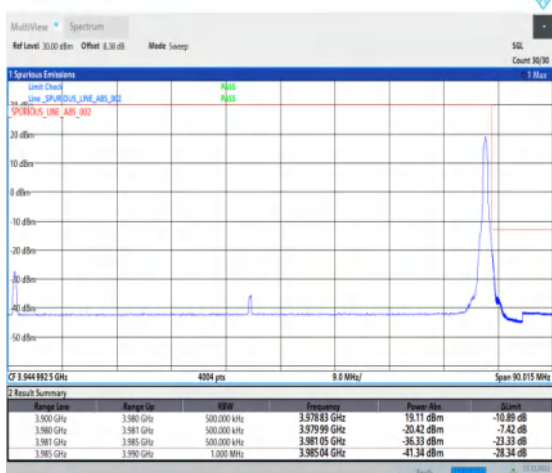
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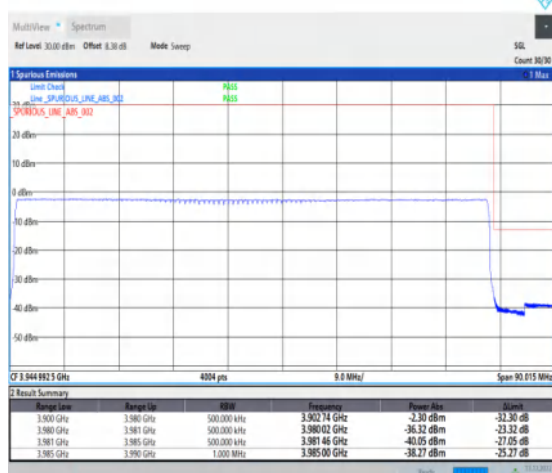
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21:17:05 13.12.2022

1-N77-3700-3980-30-80-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@216-Ant1-1--PASS-see graph



21:18:30 13.12.2022

1-N77-3700-3980-30-80-H-6-CP-QPSK-Outer_Full
-217@0-Ant1-1--PASS-see graph



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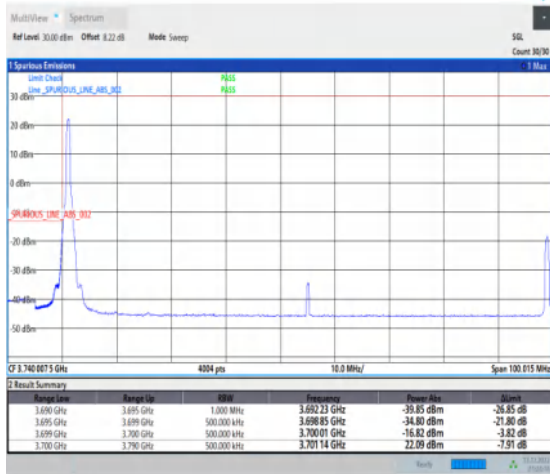
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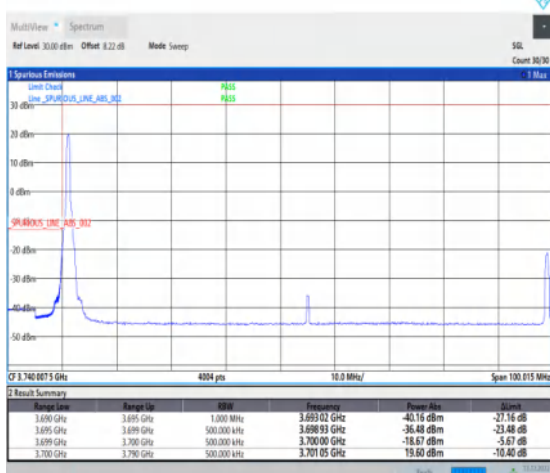
21:20:11 13.12.2022

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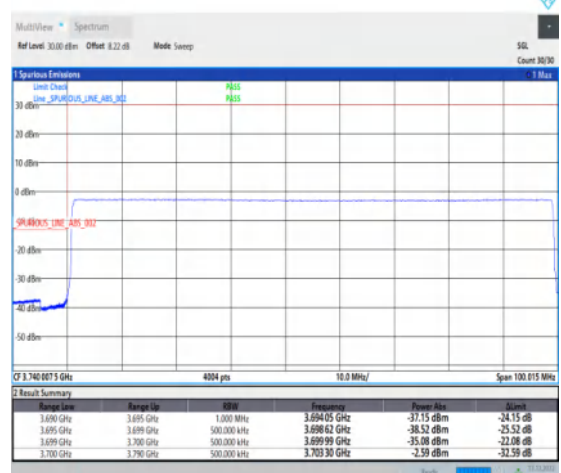
21:21:16 13.12.2022

1-N77-3700-3980-30-90-L-3-DFT-PI2BPSK-Outer
_Full-240@0-Ant1-1--PASS-see graph



21:23:13 13.12.2022

1-N77-3700-3980-30-90-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant1-1--PASS-see graph



21:24:38 13.12.2022

1-N77-3700-3980-30-90-L-6-CP-QPSK-Outer_Full
-245@0-Ant1-1--PASS-see graph



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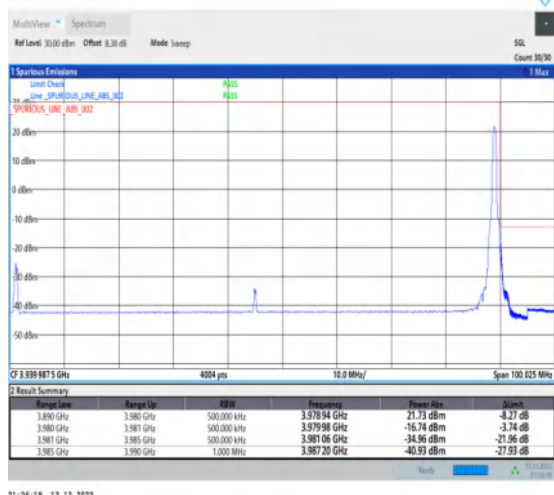
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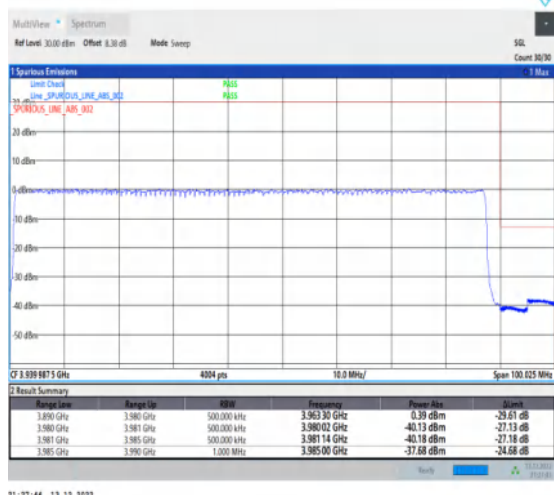
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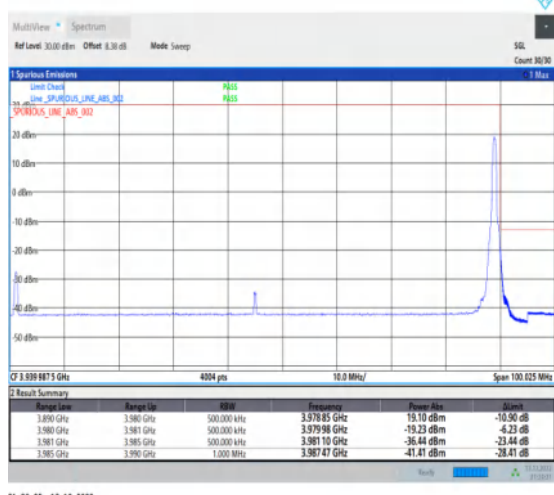
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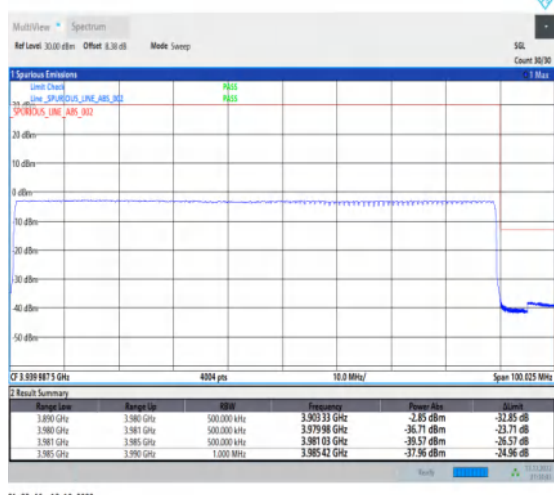
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21:29:22 13.12.2022

1-N77-3700-3980-30-90-H-5-CP-QPSK-Edge_1RB_Ri
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21:30:46 13.12.2022

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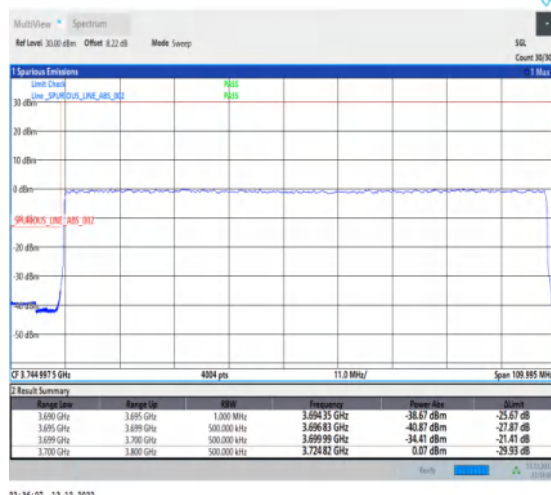
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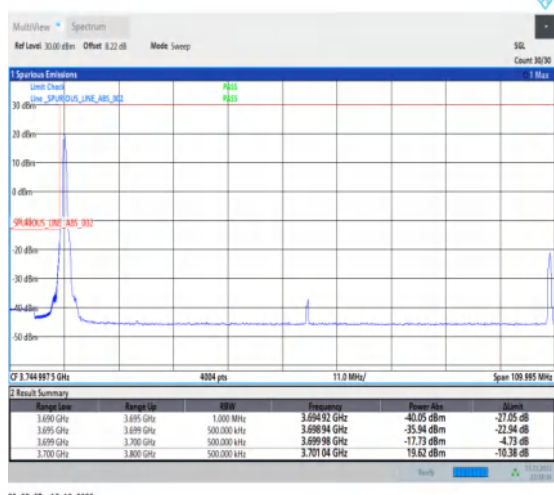
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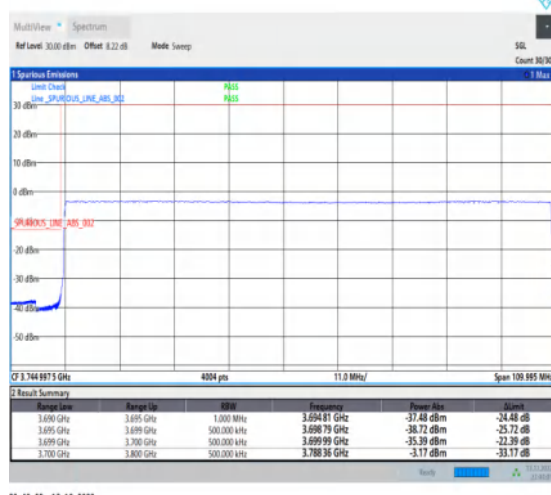
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22:38:37 13.12.2022

1-N77-3700-3980-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



22:40:02 13.12.2022

1-N77-3700-3980-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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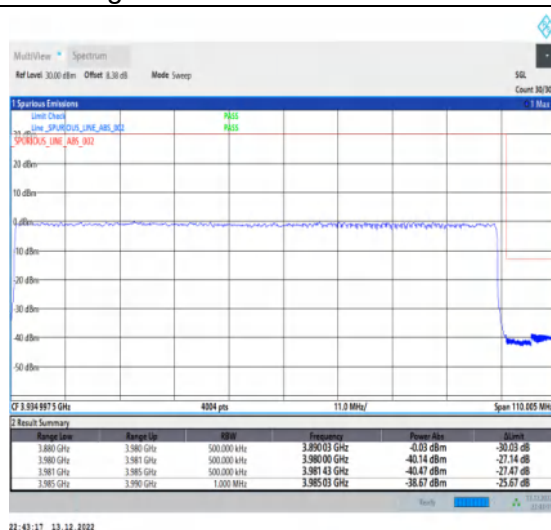
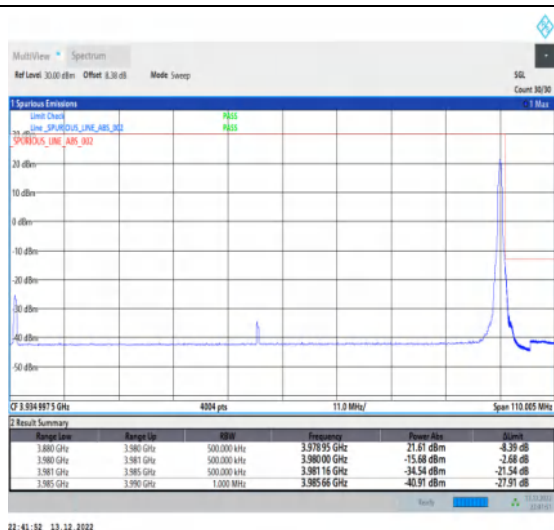
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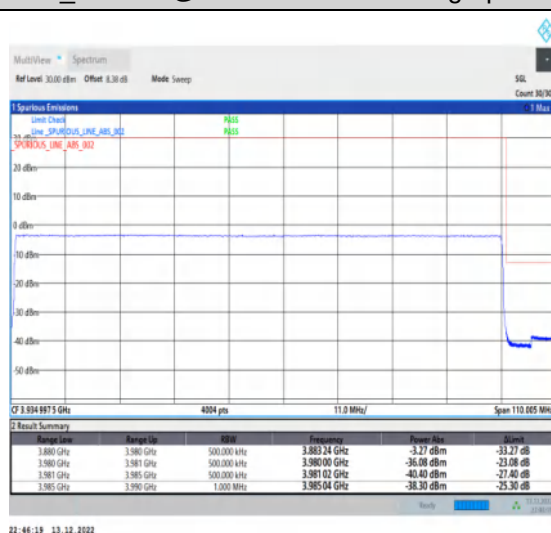
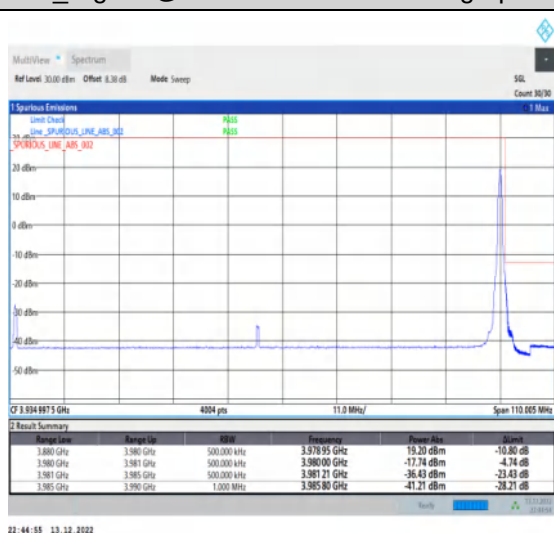
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1-N77-3700-3980-30-100-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@272-Ant1-1--PASS-see graph

1-N77-3700-3980-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N77-3700-3980-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N77-3700-3980-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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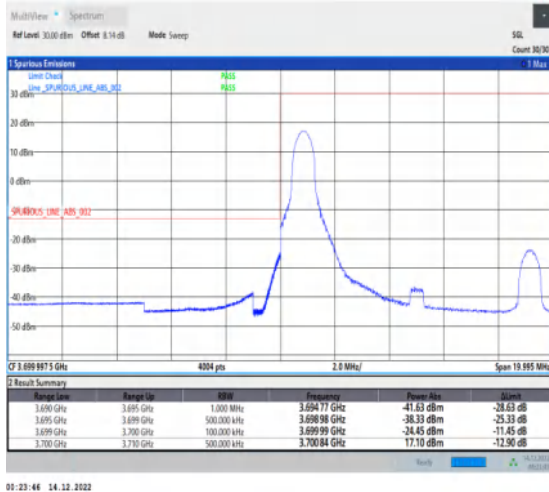
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Band Edge for MIMO

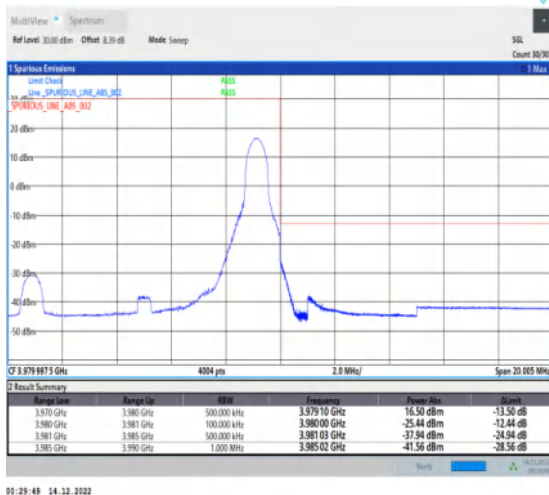
Test Graphs



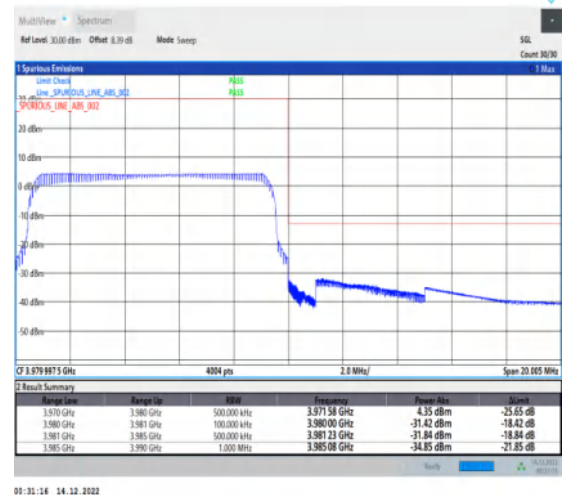
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1-N77-3700-3980-30-10-H-5-CP-QPSK-Edge_1RB_Ri ght-1@23-Ant1-1--PASS-see graph



1-N77-3700-3980-30-10-H-6-CP-QPSK-Outer_Full -24@0-Ant1-1--PASS-see graph



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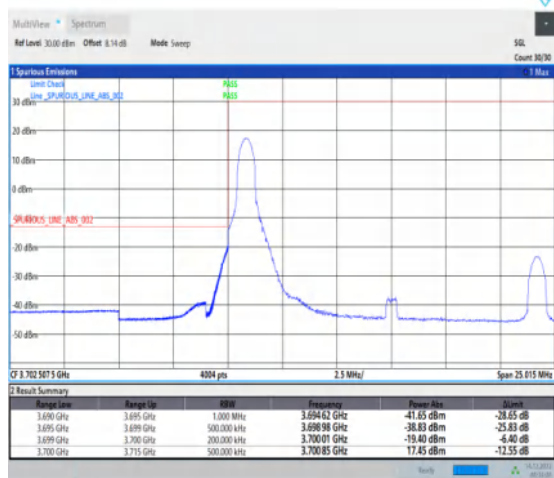
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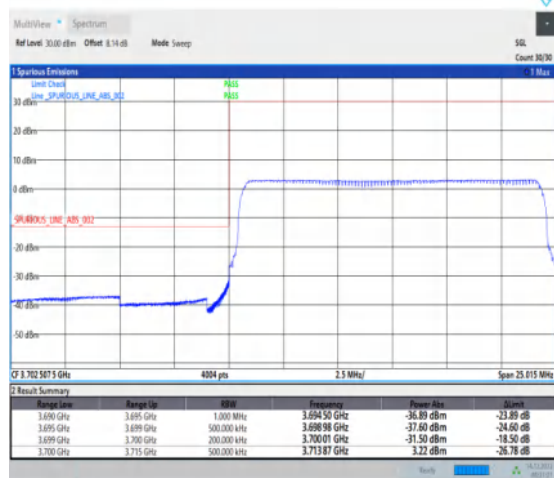
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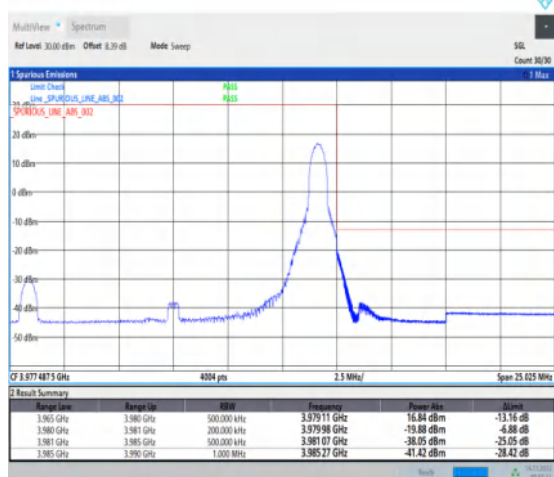
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01:37:08 14.12.2022

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01:42:12 14.12.2022

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01:43:08 14.12.2022

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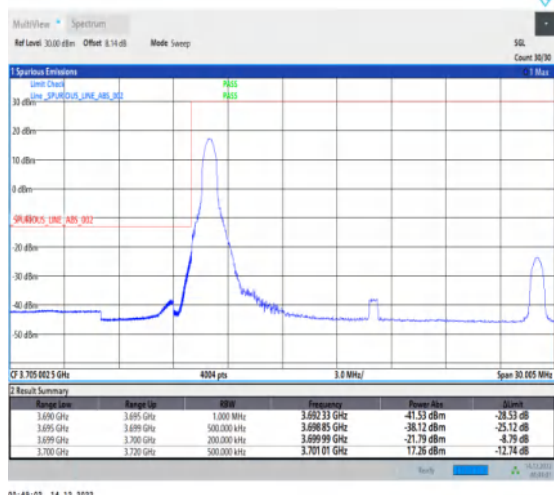
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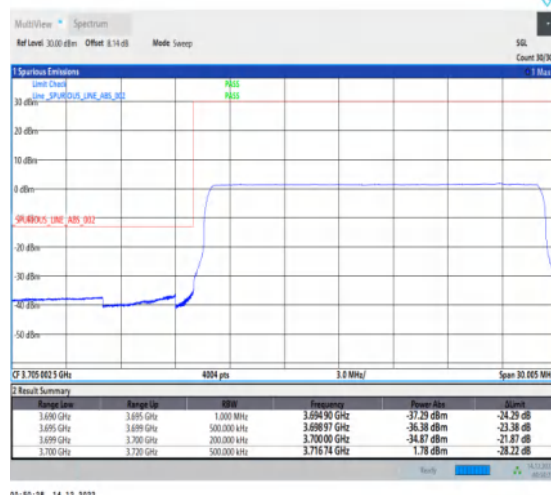
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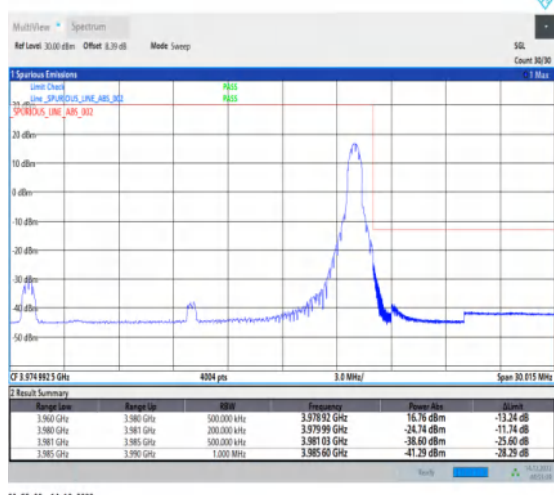
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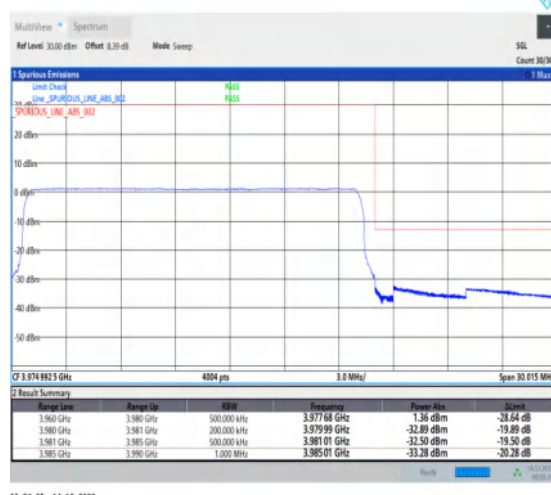
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1-N77-3700-3980-30-20-H-5-CP-QPSK-Edge_1RB_Ri ght-1@50-Ant1-1--PASS-see graph



1-N77-3700-3980-30-20-H-6-CP-QPSK-Outer_Full -51@0-Ant1-1--PASS-see graph



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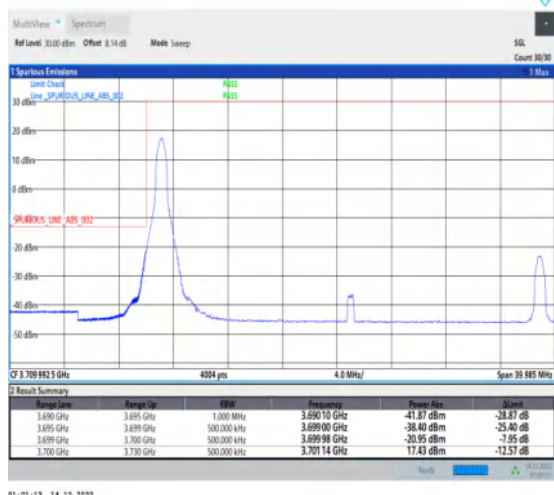
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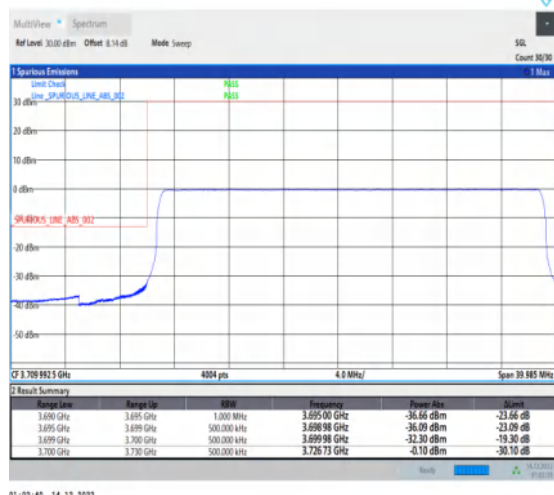
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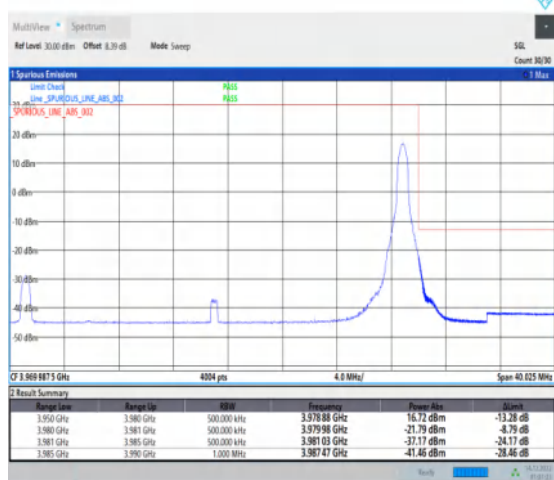
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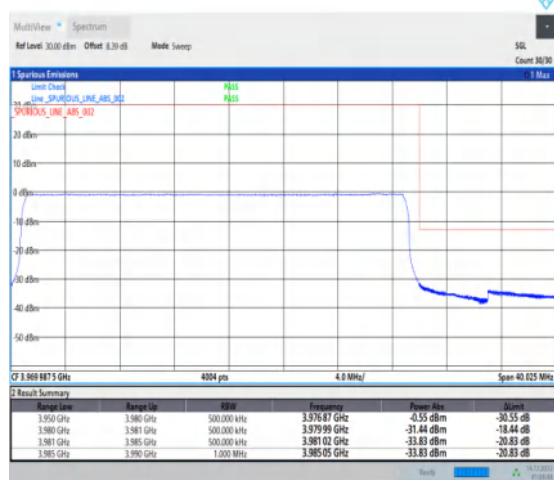
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-78@0-Ant1-1--PASS-see graph



01:07:23 14.12.2022

1-N77-3700-3980-30-30-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@77-Ant1-1--PASS-see graph



01:08:49 14.12.2022

1-N77-3700-3980-30-30-H-6-CP-QPSK-Outer_Full
-78@0-Ant1-1--PASS-see graph



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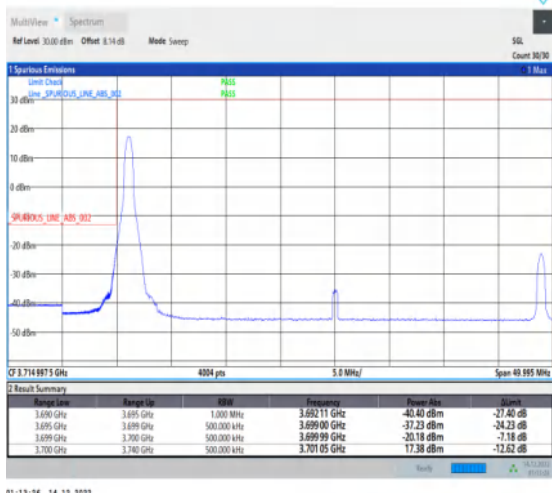
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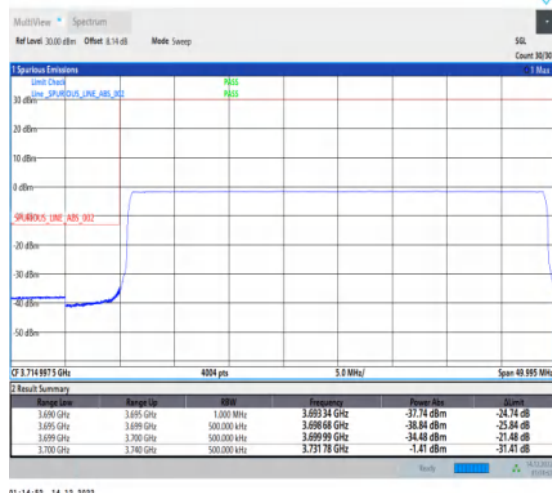
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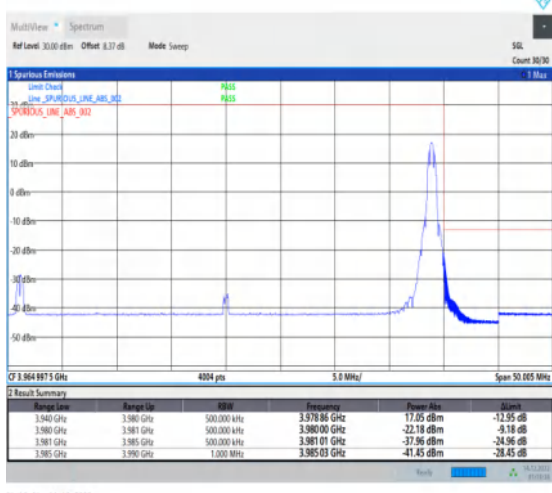
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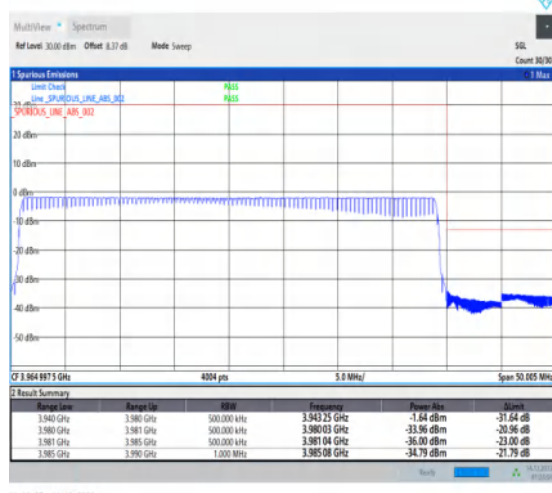
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-106@0-Ant1-1--PASS-see graph



01:19:31 14.12.2022

1-N77-3700-3980-30-40-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@105-Ant1-1--PASS-see graph



01:20:37 14.12.2022

1-N77-3700-3980-30-40-H-6-CP-QPSK-Outer_Full
-106@0-Ant1-1--PASS-see graph



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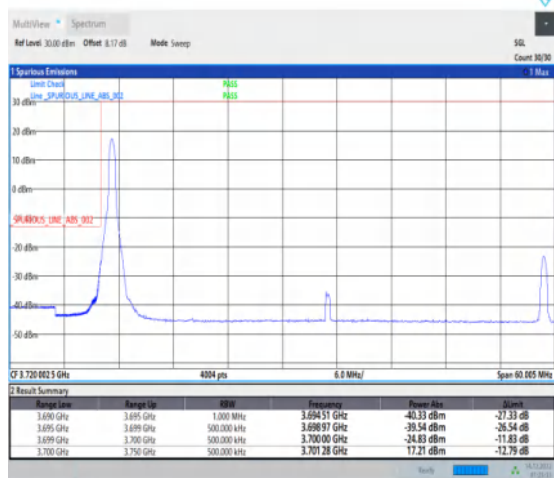
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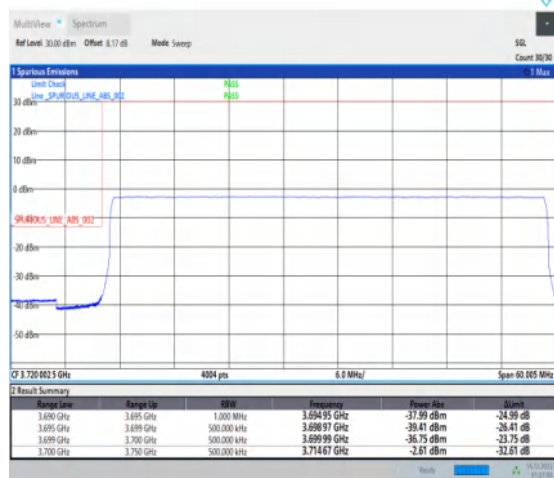
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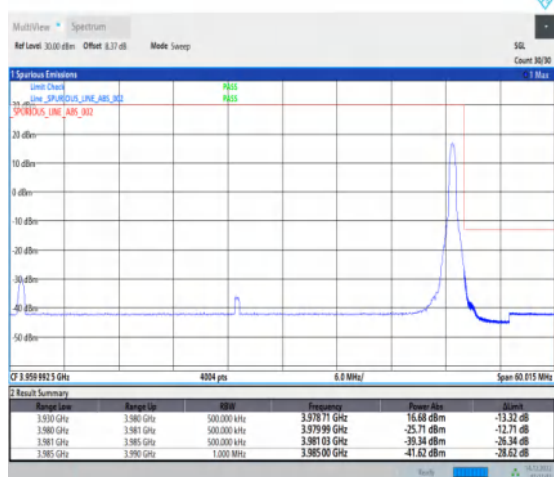
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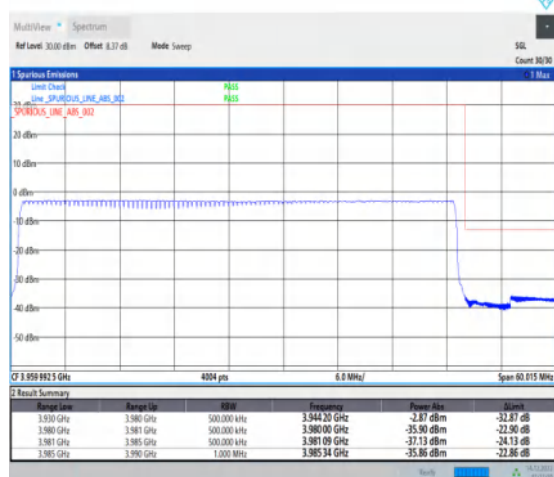
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01:31:43 14.12.2022

1-N77-3700-3980-30-50-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@132-Ant1-1--PASS-see graph



01:33:09 14.12.2022

1-N77-3700-3980-30-50-H-6-CP-QPSK-Outer_Full
-133@0-Ant1-1--PASS-see graph



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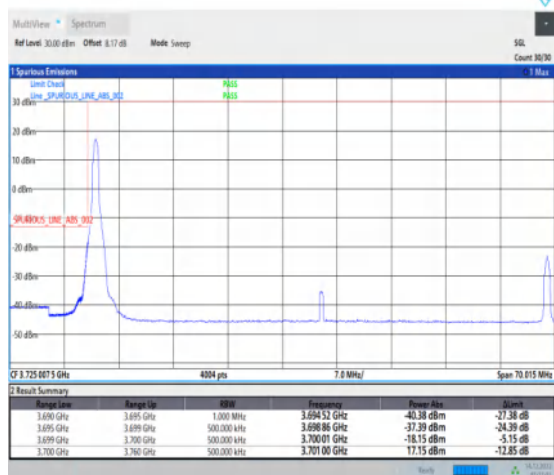
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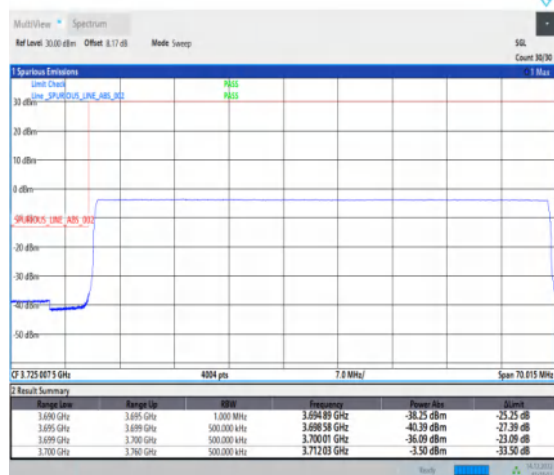
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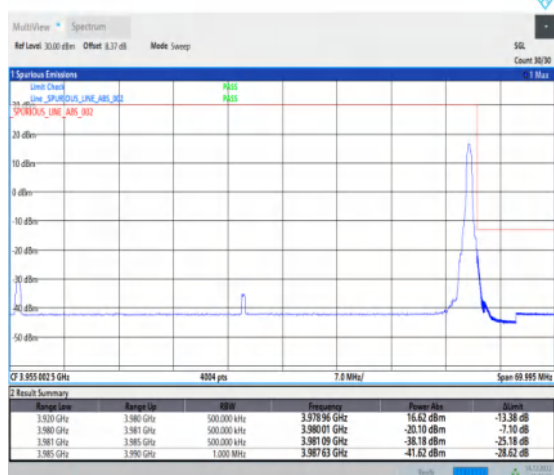
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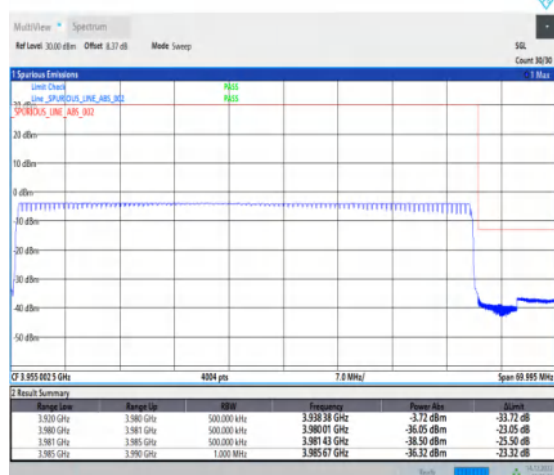
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01:44:00 14.12.2022

1-N77-3700-3980-30-60-H-5-CP-QPSK-Edge_1RB_Ri ght-1@161-Ant1-1--PASS-see graph



01:45:26 14.12.2022

1-N77-3700-3980-30-60-H-6-CP-QPSK-Outer_Full -162@0-Ant1-1--PASS-see graph



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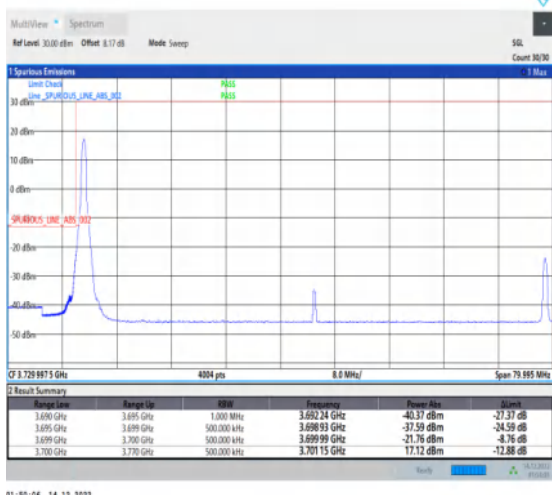
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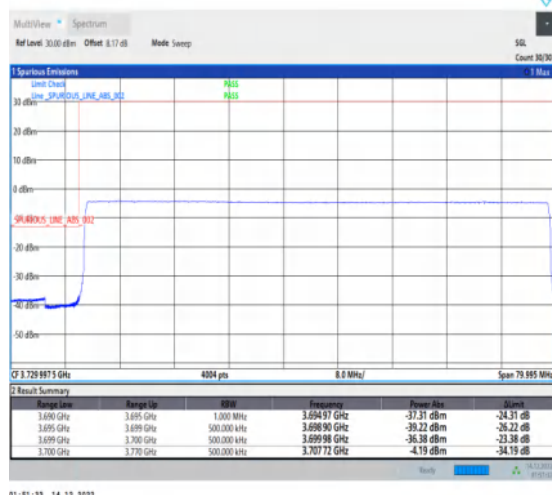
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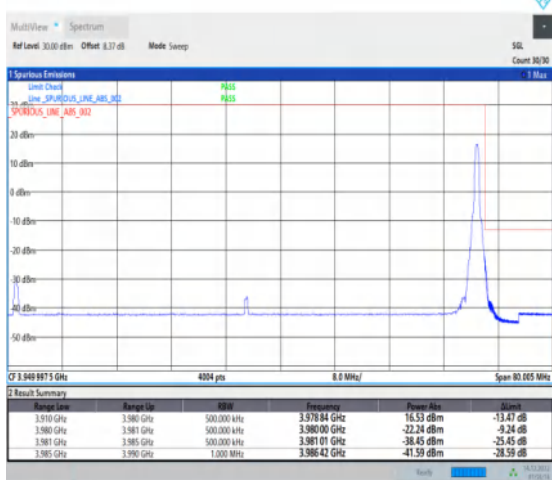
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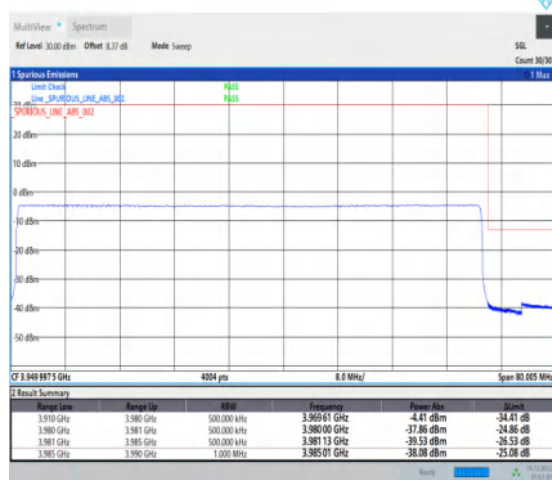
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01:56:15 14.12.2022

1-N77-3700-3980-30-70-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@188-Ant1-1--PASS-see graph



01:57:41 14.12.2022

1-N77-3700-3980-30-70-H-6-CP-QPSK-Outer_Full
-189@0-Ant1-1--PASS-see graph



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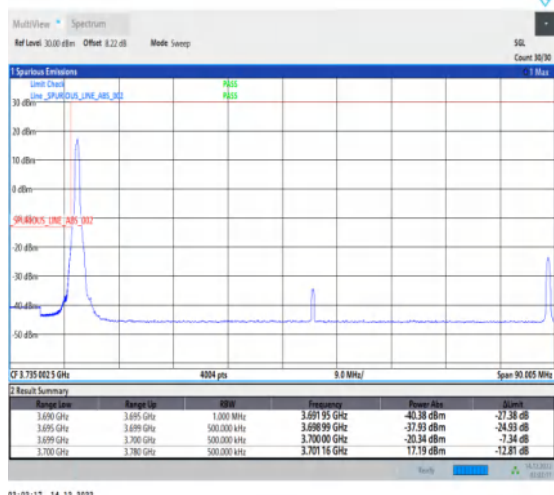
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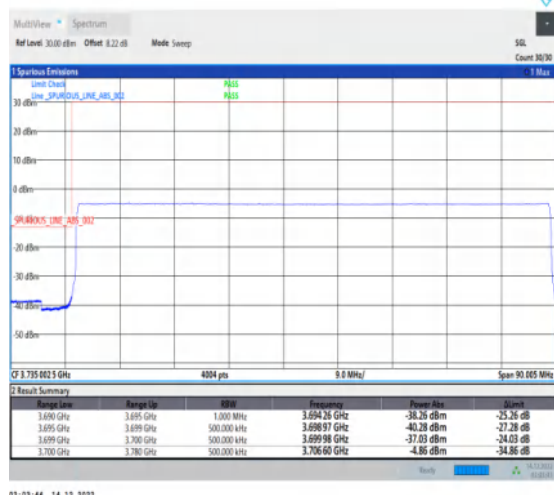
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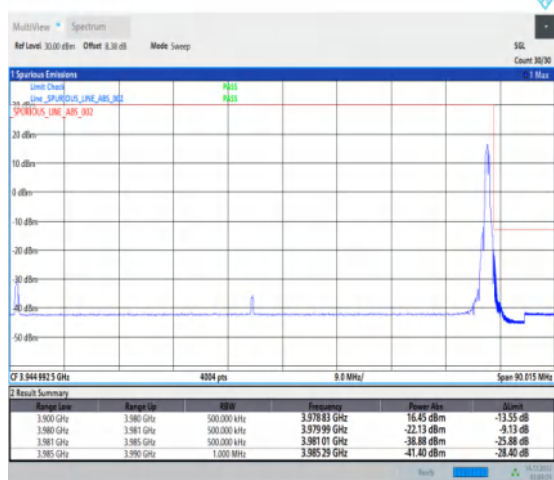
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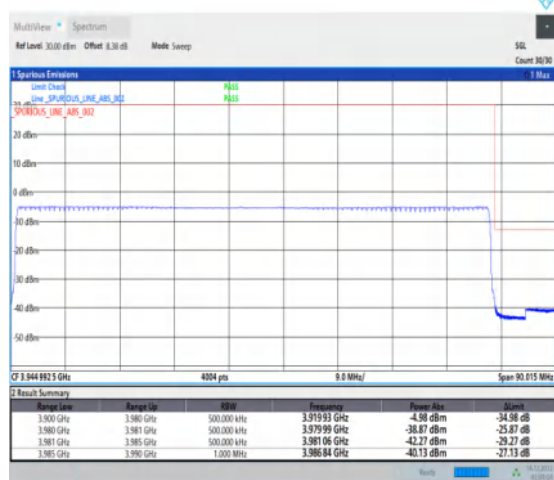
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02-08-25 14.12.2022

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02-09-21 14.12.2022

1-N77-3700-3980-30-80-H-6-CP-QPSK-Outer_Full -217@0-Ant1-1--PASS-see graph



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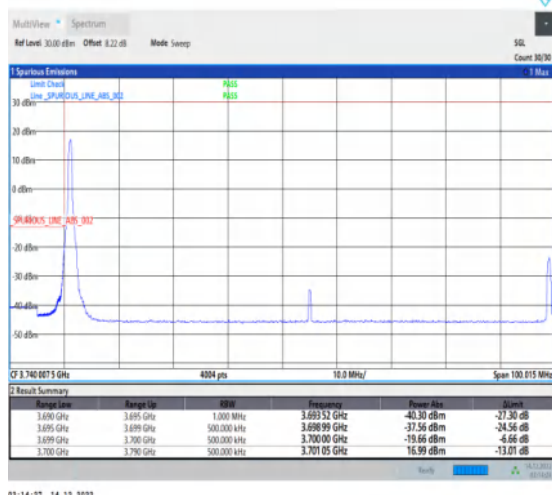
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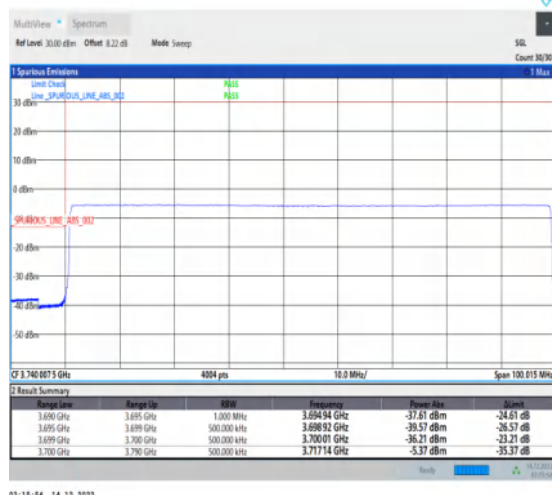
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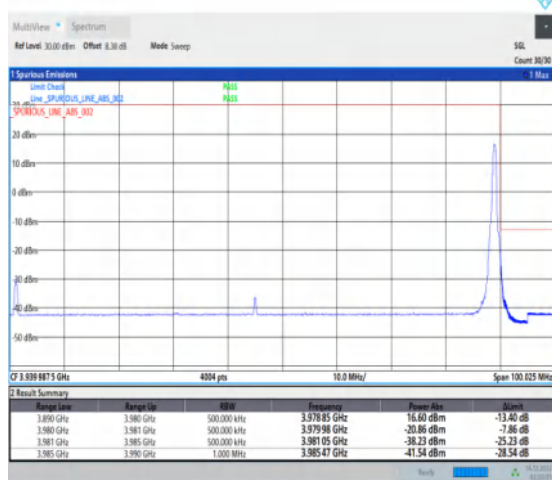
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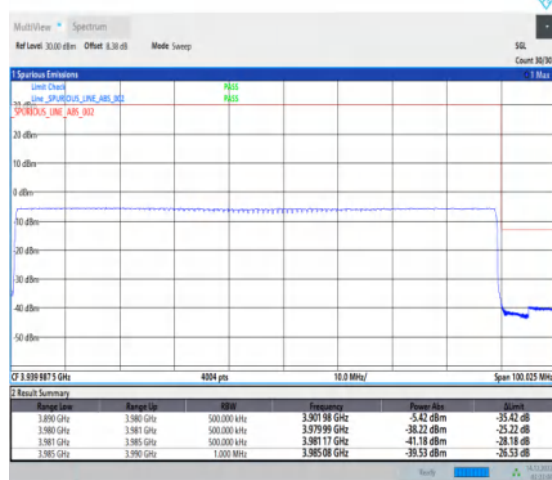
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02-20-35 14.12.2022

1-N77-3700-3980-30-90-H-5-CP-QPSK-Edge_1RB_Ri ght-1@244-Ant1-1--PASS-see graph



02-22-01 14.12.2022

1-N77-3700-3980-30-90-H-6-CP-QPSK-Outer_Full -245@0-Ant1-1--PASS-see graph



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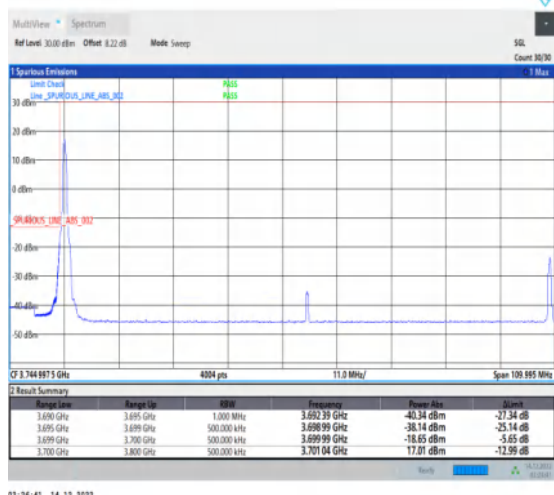
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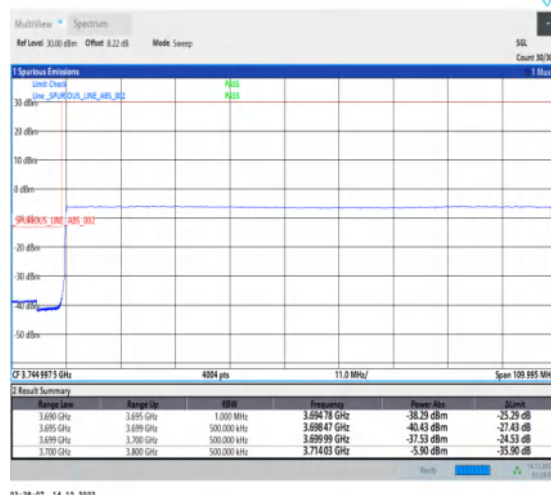
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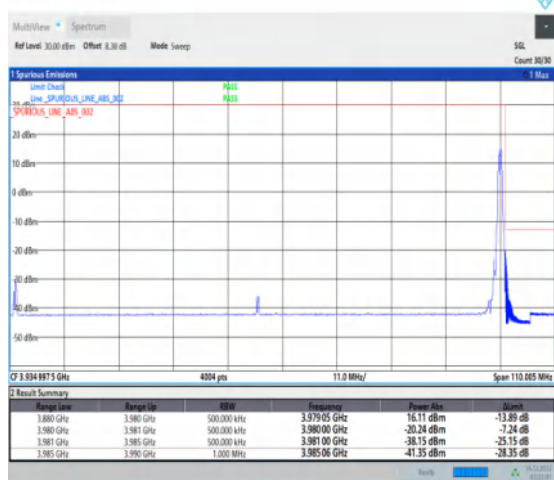
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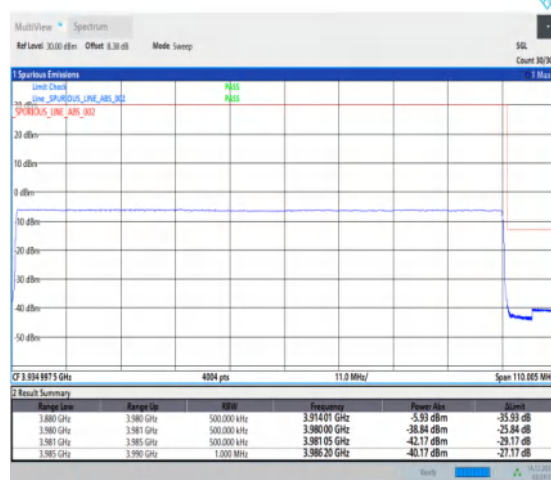
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02:32:48 14.12.2022

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02:34:14 14.12.2022

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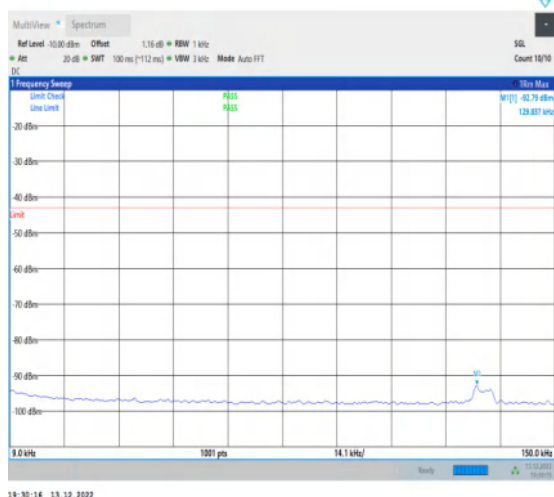
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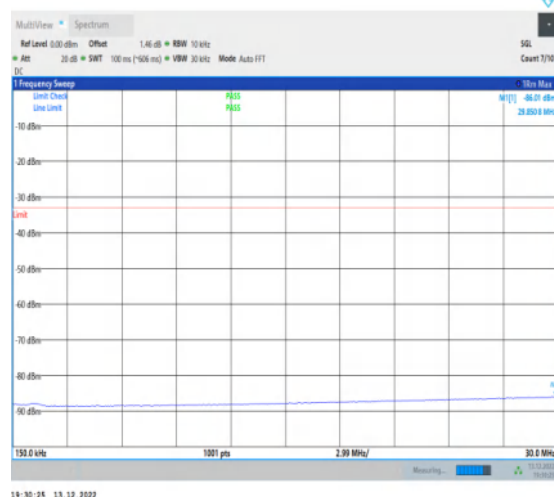
Report No.: SEWM2212000297RG02
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Conducted Spurious Emission for SA

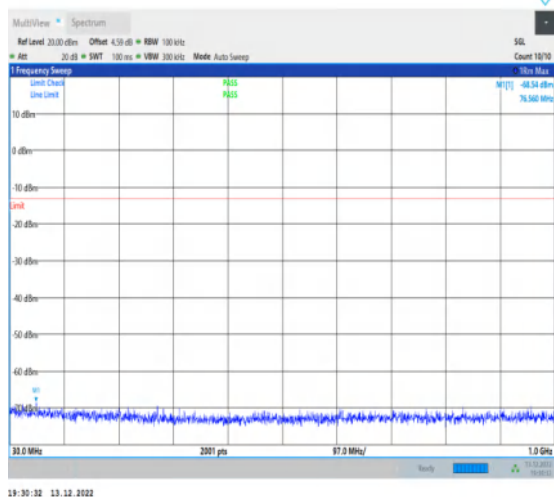
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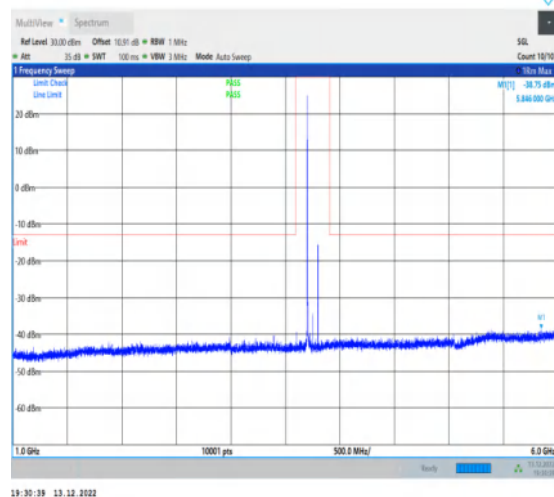
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1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-29.85--86.01--33-PASS



1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-76.56--68.54--13-PASS



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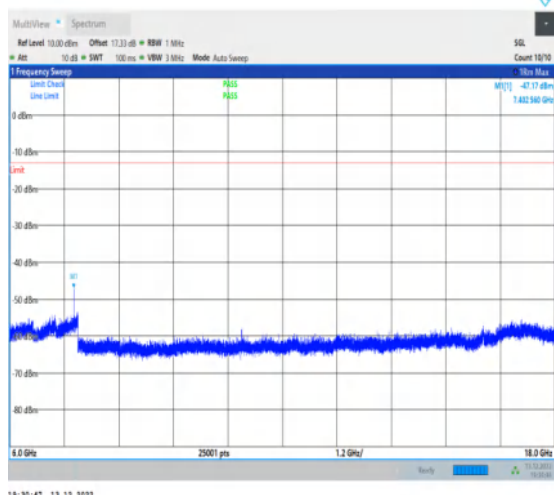


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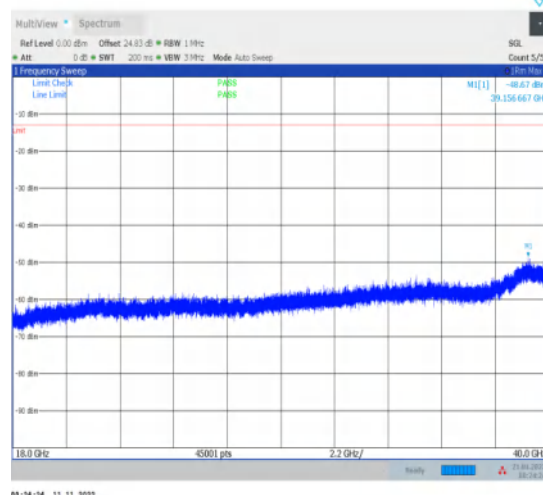
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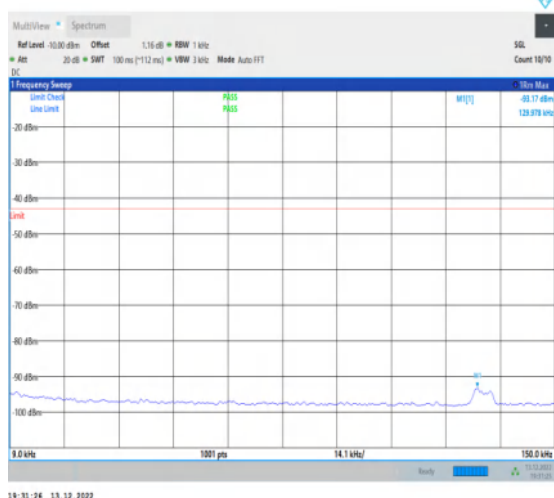
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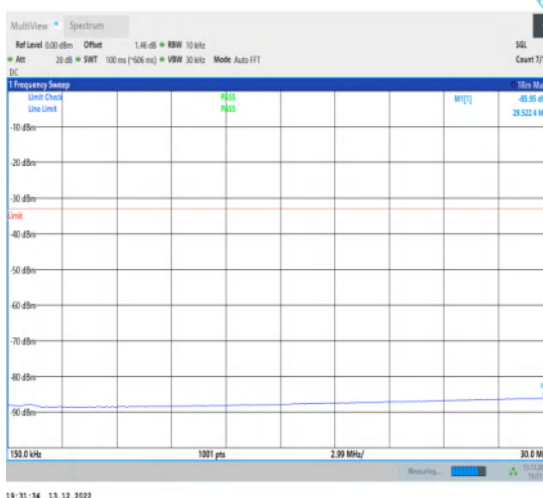
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1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--57.05--1 3-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.13--93.17--43-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-29.52--85.95--33-PASS



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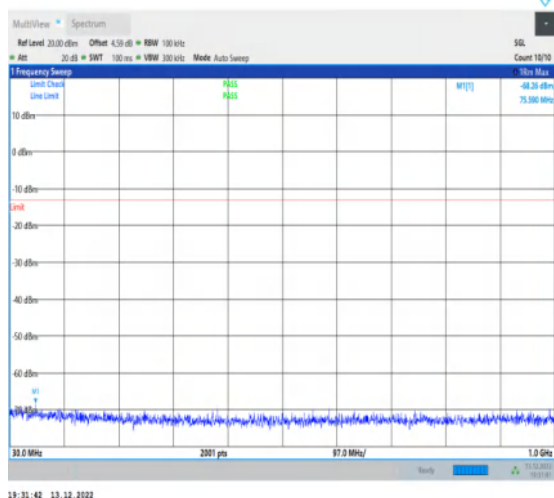
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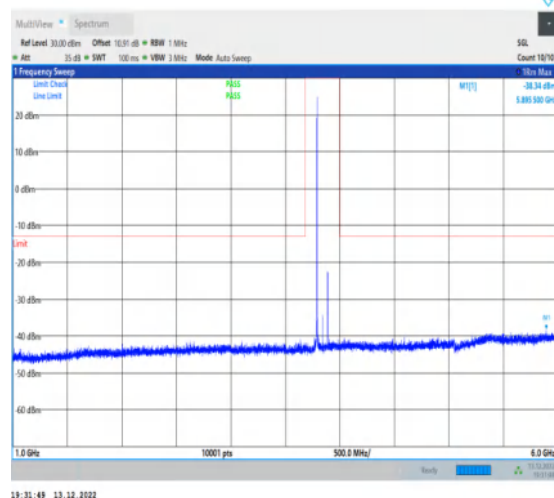
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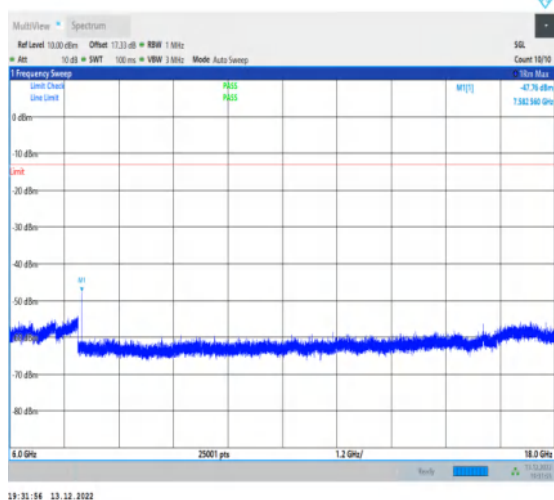
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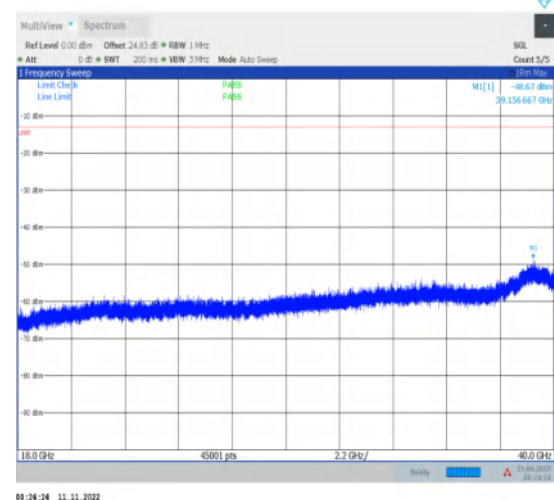
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S



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5895.50--38.34--13-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1-7582.56--47.76--13-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--56.86--13-PASS



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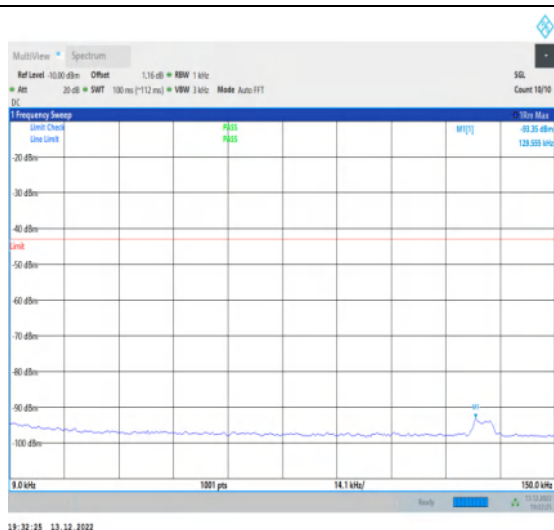
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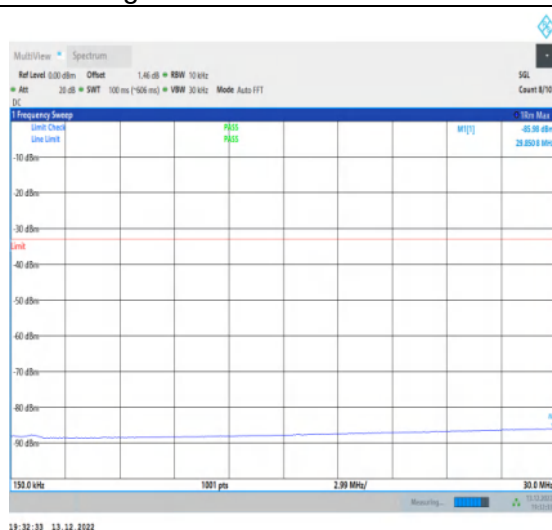
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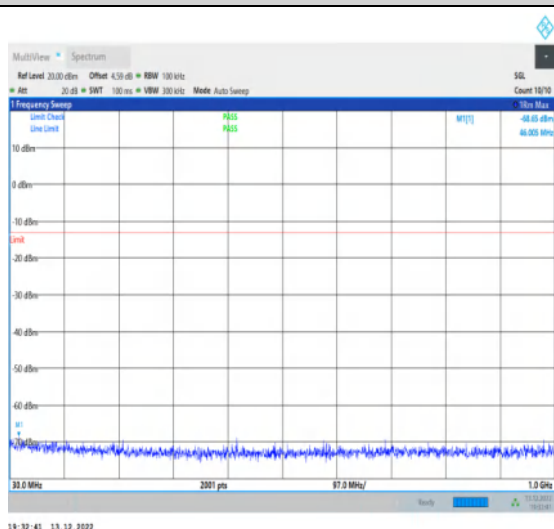
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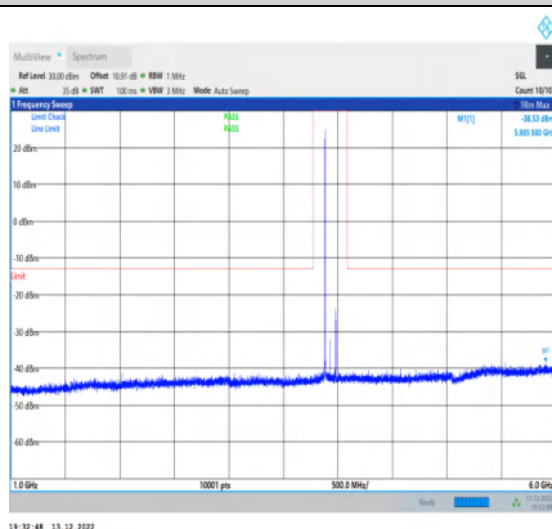
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1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-29.85--85.98--33-PASS



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1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5905.50--38.53--13-P ASS



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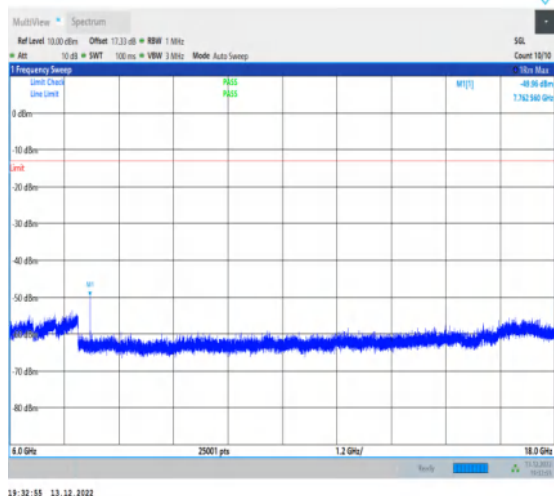
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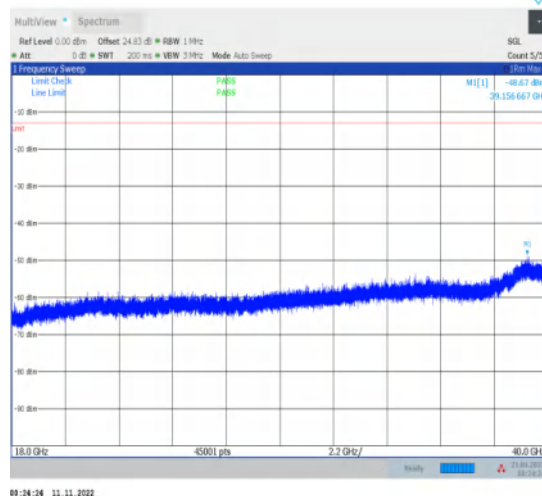
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3-PASS



1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-Inner_1
RB_Left-1@1-18000-40000-Ant1-18000.00--57.31--1
3-PASS



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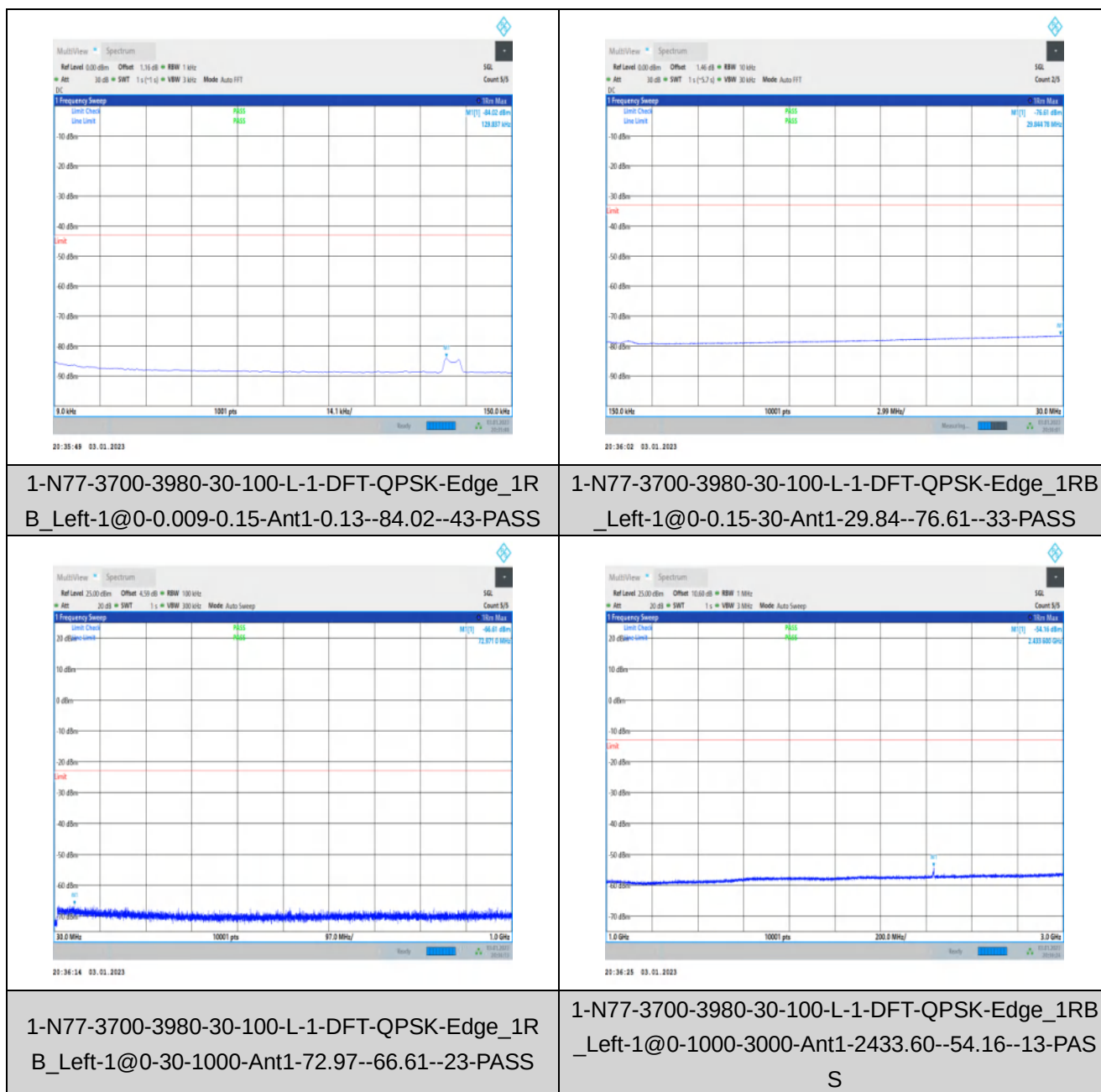
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Conducted Spurious Emission for MIMO

Test Graphs



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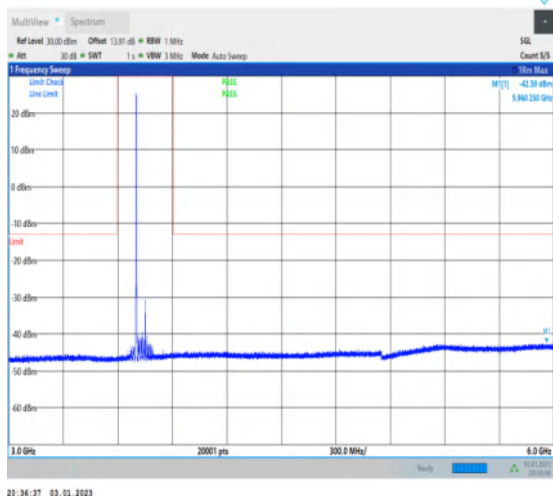
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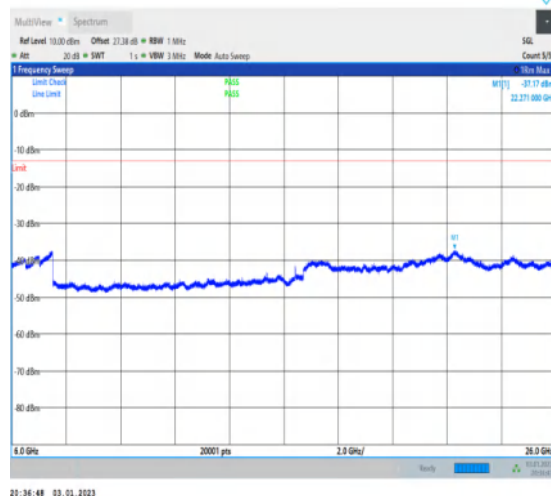
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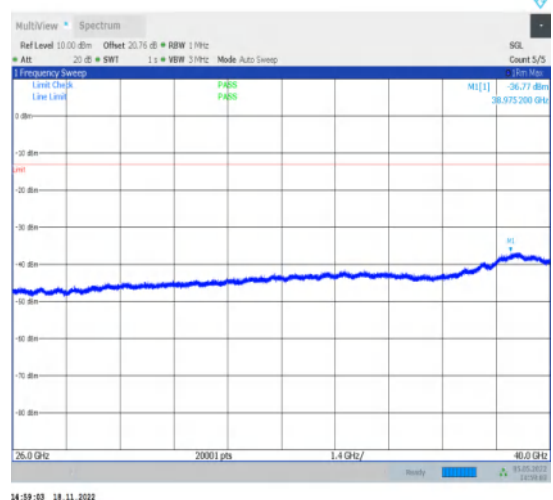
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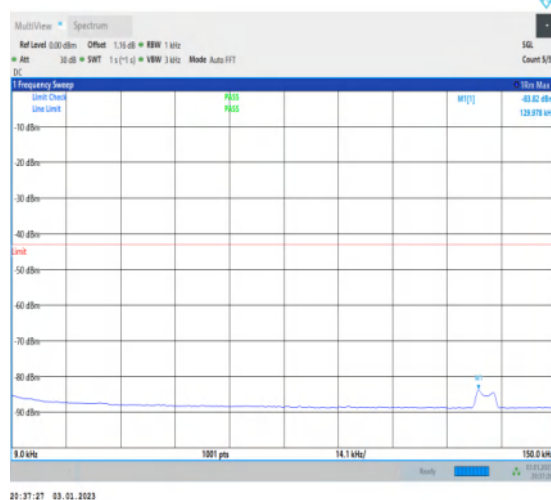
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SS



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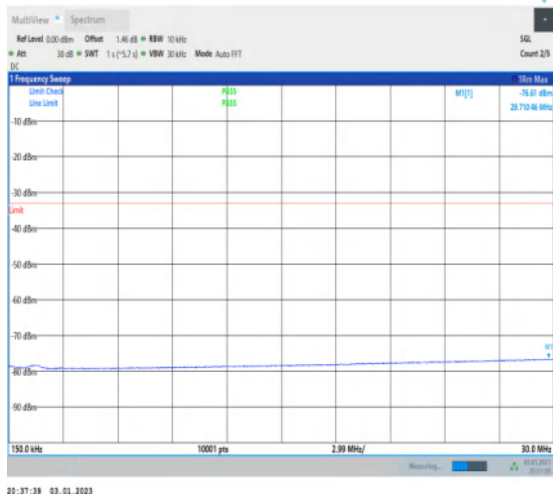
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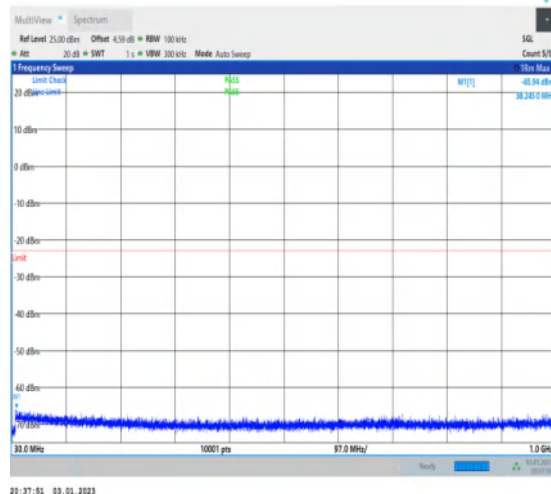
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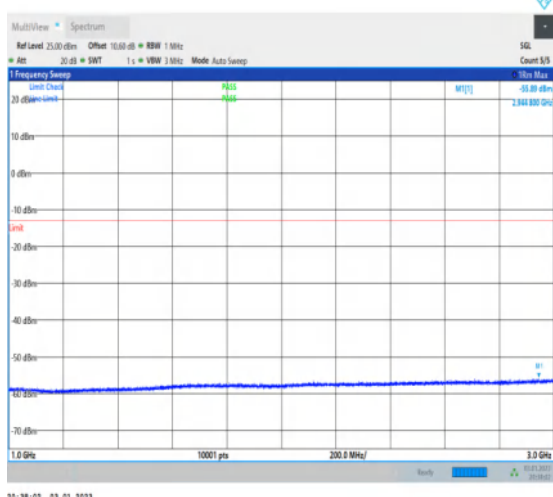
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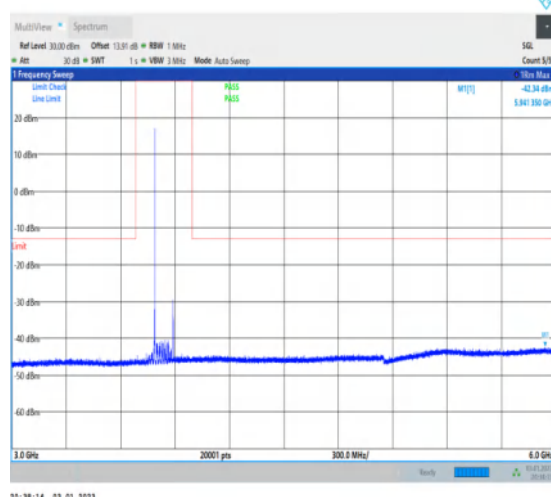
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1-N77-3700-3980-30-100-M-1-DFT-QPSK-Edge_1R
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SS



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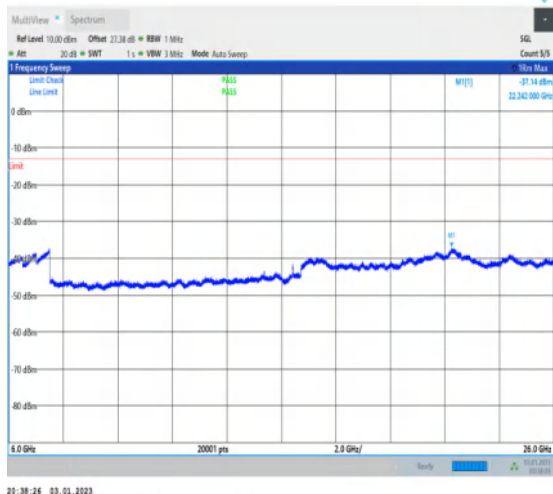
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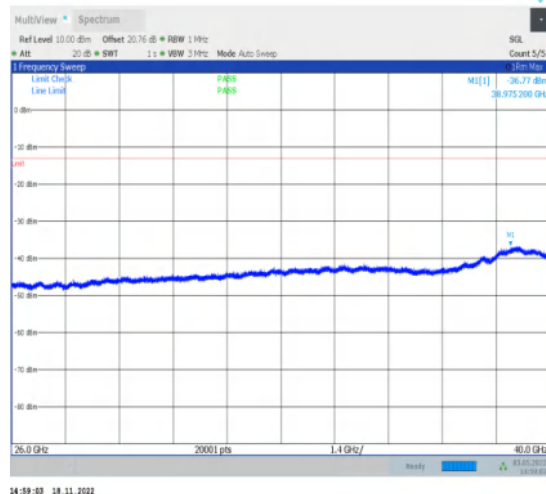
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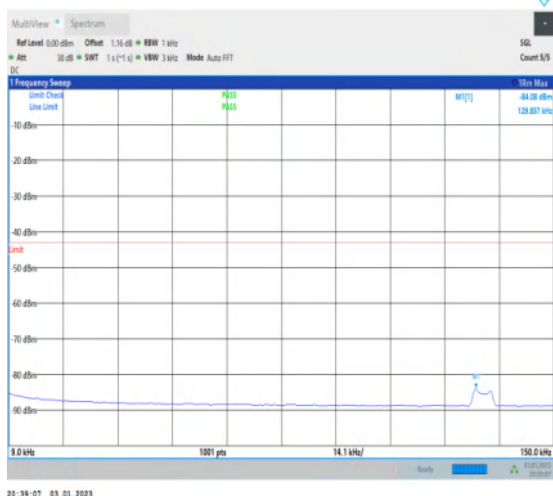
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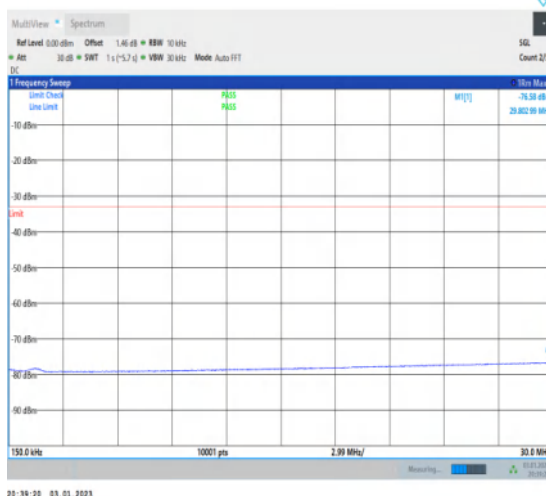
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PASS



1-N77-3700-3980-30-100-M-1-DFT-QPSK-Edge_1R
B_Left-1@0-26000-40000-Ant1-26000.00--42.98--13
-PASS



1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.009-0.15-Ant1-0.13--84.08--43-PASS



1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.15-30-Ant1-29.80--76.58--33-PASS



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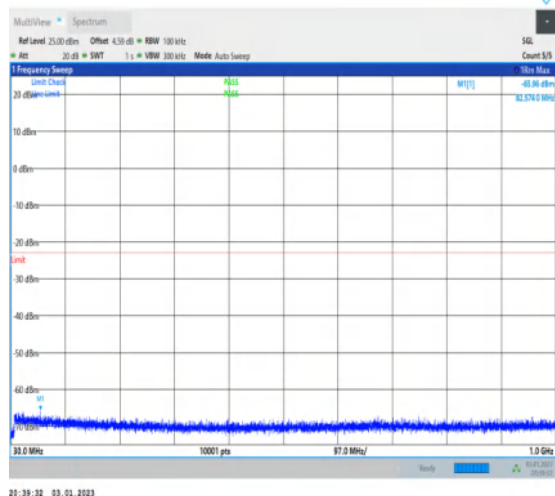
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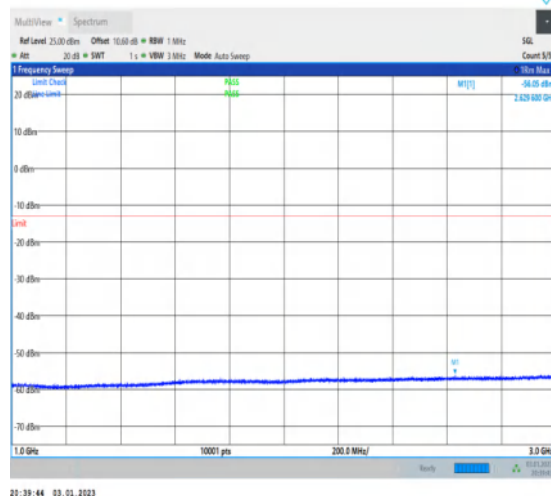
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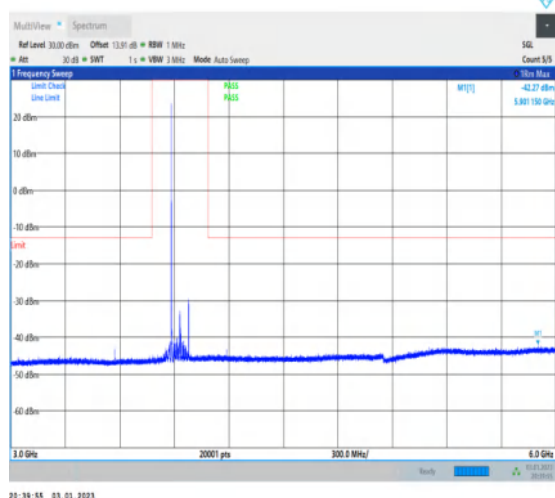
Page: 173 of 191



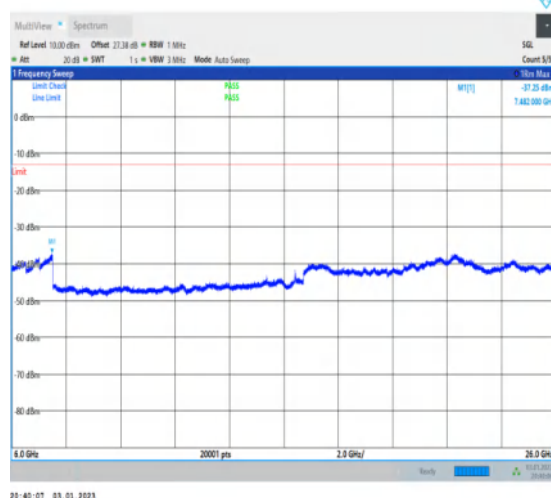
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1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-1000-3000-Ant1-2629.60--56.05--13-PA
SS



1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-3000-6000-Ant1-5901.15--42.27--13-PA
SS



1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-6000-26000-Ant1-7482.00--37.25--13-P
ASS



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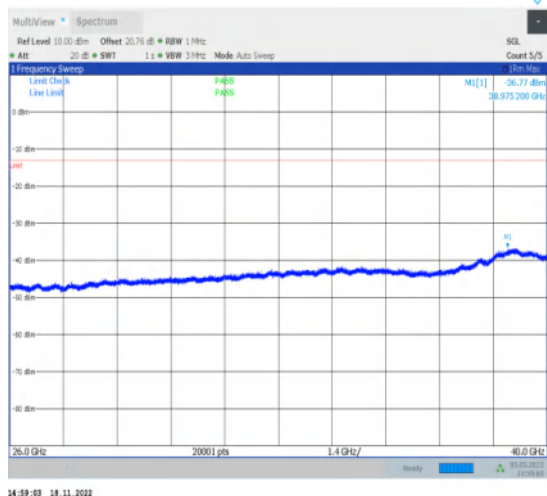
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1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1R

B_Left-1@0-26000-40000-Ant1-26000.00--42.86--13

-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 77 3700M-3980M ANT1_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	44.37	-41.98	36.44	-56.43	-13.00	43.43	196	357	Horizontal
2	8916.9167	37.90	-38.90	38.51	-57.75	-13.00	44.75	241	27	Horizontal
3	13078.4792	34.54	-34.67	39.65	-55.75	-13.00	42.75	185	230	Horizontal
4	17931.9583	31.96	-31.22	42.33	-52.19	-13.00	39.19	266	27	Horizontal
5	11223.27	31.92	-35.10	39.38	-59.06	-13.00	46.06	269	119	Horizontal
6	14964.36	30.67	-34.32	39.24	-59.67	-13.00	46.67	214	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	7146.875	40.48	-42.18	36.29	-60.68	-13.00	47.68	296	251	Vertical
2	7402.2708	44.62	-41.98	36.44	-56.18	-13.00	43.18	284	141	Vertical
3	10087.5208	35.16	-36.89	38.60	-58.40	-13.00	45.40	142	307	Vertical
4	17828.4583	32.25	-30.97	41.91	-52.06	-13.00	39.06	255	0	Vertical
5	11223.27	31.76	-35.10	39.38	-59.22	-13.00	46.22	263	212	Vertical
6	14964.36	30.91	-34.32	39.24	-59.43	-13.00	46.43	221	176	Vertical



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Test Band = SA Band 77 3700M-3980M ANT1_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7581.9583	50.68	-41.30	36.66	-49.22	-13.00	36.22	174	0	Horizontal
2	9058.75	37.55	-38.68	38.59	-57.80	-13.00	44.80	142	71	Horizontal
3	13592.625	34.03	-34.38	39.96	-55.65	-13.00	42.65	252	217	Horizontal
4	17977.4792	32.08	-31.28	42.51	-51.95	-13.00	38.95	263	107	Horizontal
5	11835.27	31.29	-35.25	38.76	-60.45	-13.00	47.45	201	198	Horizontal
6	15180.36	30.58	-33.62	38.97	-59.33	-13.00	46.33	196	71	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	7581.9583	47.93	-41.30	36.66	-51.97	-13.00	38.97	174	357	Vertical
2	9015.1458	37.08	-38.66	38.60	-58.24	-13.00	45.24	142	7	Vertical
3	13581.125	33.95	-34.33	39.95	-55.69	-13.00	42.69	263	7	Vertical
4	17689.0208	31.65	-31.14	41.36	-53.40	-13.00	40.40	265	126	Vertical
5	11835.27	31.40	-35.25	38.76	-60.34	-13.00	47.34	241	162	Vertical
6	15180.36	31.15	-33.62	38.97	-58.76	-13.00	45.76	188	0	Vertical



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Test Band = SA Band 77 3700M-3980m ANT1_ 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	7762.125	45.83	-41.03	37.02	-53.44	-13.00	40.44	215	140	Horizontal
2	9577.2083	37.77	-37.85	38.54	-56.80	-13.00	43.80	269	232	Horizontal
3	11643.375	49.80	-35.32	38.96	-41.82	-13.00	28.82	305	213	Horizontal
4	13573.9375	34.55	-34.30	39.94	-55.06	-13.00	42.06	124	0	Horizontal
5	17053.1667	33.29	-32.17	38.81	-55.33	-13.00	42.33	208	341	Horizontal
6	17821.75	32.55	-30.95	41.89	-51.77	-13.00	38.77	177	323	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	7762.125	49.03	-41.03	37.02	-50.24	-13.00	37.24	263	107	Vertical
2	9596.8542	37.50	-37.79	38.54	-57.01	-13.00	44.01	209	90	Vertical
3	11642.8958	49.33	-35.32	38.96	-42.29	-13.00	29.29	165	344	Vertical
4	13580.1667	34.26	-34.32	39.95	-55.37	-13.00	42.37	198	180	Vertical
5	17954.9583	32.50	-31.25	42.42	-51.59	-13.00	38.59	355	235	Vertical
6	15540.36	30.76	-33.41	38.50	-59.41	-13.00	46.41	304	197	Vertical



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Test Band = SA Band 77 3700M-3980M ANT3_ 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	7402.2708	47.00	-41.98	36.44	-53.80	-13.00	40.80	168	17	Horizontal
2	9450.7083	37.48	-37.88	38.55	-57.10	-13.00	44.10	213	235	Horizontal
3	13083.2708	33.94	-34.66	39.65	-56.33	-13.00	43.33	296	235	Horizontal
4	17289.3958	32.21	-31.79	39.76	-55.08	-13.00	42.08	352	33	Horizontal
5	11223.27	32.04	-35.10	39.38	-58.94	-13.00	45.94	304	52	Horizontal
6	14964.36	30.64	-34.32	39.24	-59.70	-13.00	46.70	192	252	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	7401.7917	46.19	-41.98	36.44	-54.61	-13.00	41.61	255	17	Vertical
2	8943.2708	37.91	-38.82	38.54	-57.63	-13.00	44.63	314	236	Vertical
3	10191.0208	36.28	-36.62	38.71	-56.89	-13.00	43.89	263	124	Vertical
4	13592.625	34.40	-34.38	39.96	-55.28	-13.00	42.28	185	143	Vertical
5	17644.4583	32.15	-31.52	41.18	-53.45	-13.00	40.45	196	357	Vertical
6	11223.27	32.56	-35.10	39.38	-58.42	-13.00	45.42	243	0	Vertical



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Test Band = SA Band 77 3700M-3980M ANT3_ 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	7582.4375	51.44	-41.30	36.66	-48.46	-13.00	35.46	171	9	Horizontal
2	9580.0833	37.85	-37.84	38.54	-56.71	-13.00	43.71	216	199	Horizontal
3	11855.1667	33.29	-35.15	38.74	-58.37	-13.00	45.37	294	0	Horizontal
4	13591.6667	34.13	-34.37	39.95	-55.55	-13.00	42.55	308	235	Horizontal
5	17937.7083	32.29	-31.23	42.35	-51.85	-13.00	38.85	251	235	Horizontal
6	15180.36	30.73	-33.62	38.97	-59.18	-13.00	46.18	163	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	7581.9583	51.48	-41.30	36.66	-48.42	-13.00	35.42	268	325	Vertical
2	9570.5	37.19	-37.87	38.54	-57.40	-13.00	44.40	217	289	Vertical
3	13581.125	34.00	-34.33	39.95	-55.64	-13.00	42.64	342	111	Vertical
4	17833.7292	32.54	-30.98	41.93	-51.77	-13.00	38.77	165	308	Vertical
5	11835.27	32.06	-35.25	38.76	-59.68	-13.00	46.68	295	2	Vertical
6	15180.36	30.87	-33.62	38.97	-59.04	-13.00	46.04	308	1	Vertical



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Test Band = SA Band 77 3700M-3980M ANT3_ 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	7762.125	48.93	-41.03	37.02	-50.34	-13.00	37.34	155	14	Horizontal
2	9018.5	37.56	-38.66	38.60	-57.76	-13.00	44.76	219	196	Horizontal
3	13580.6458	34.79	-34.32	39.95	-54.85	-13.00	41.85	248	176	Horizontal
4	17823.6667	33.05	-30.95	41.89	-51.27	-13.00	38.27	286	5	Horizontal
5	11655.27	31.46	-35.22	38.94	-60.07	-13.00	47.07	365	121	Horizontal
6	15540.36	30.34	-33.41	38.50	-59.83	-13.00	46.83	304	231	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	7762.125	47.53	-41.03	37.02	-51.74	-13.00	38.74	178	35	Vertical
2	9575.2917	37.36	-37.86	38.54	-57.22	-13.00	44.22	209	0	Vertical
3	14097.1875	33.27	-34.80	40.10	-56.69	-13.00	43.69	352	7	Vertical
4	17826.0625	32.42	-30.96	41.90	-51.89	-13.00	38.89	312	35	Vertical
5	11655.27	31.35	-35.22	38.94	-60.18	-13.00	47.18	264	145	Vertical
6	15540.36	30.48	-33.41	38.50	-59.69	-13.00	46.69	187	326	Vertical



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Test Band = UL MIMO Band 77 3700M-3980M ANT1_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	46.67	-41.98	36.44	-54.13	-13.00	41.13	142	291	Horizontal
2	9431.0625	37.43	-37.79	38.56	-57.06	-13.00	44.06	265	34	Horizontal
3	13069.8542	34.47	-34.70	39.64	-55.84	-13.00	42.84	236	309	Horizontal
4	17313.3542	33.01	-31.77	39.85	-54.17	-13.00	41.17	296	354	Horizontal
5	11223.27	32.80	-35.10	39.38	-58.18	-13.00	45.18	241	328	Horizontal
6	14964.36	30.71	-34.32	39.24	-59.63	-13.00	46.63	142	106	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	7401.7917	46.41	-41.98	36.44	-54.39	-13.00	41.39	142	355	Vertical
2	8650.9792	37.91	-39.44	38.22	-58.58	-13.00	45.58	296	360	Vertical
3	12965.3958	34.78	-34.90	39.57	-55.82	-13.00	42.82	236	345	Vertical
4	17315.2708	33.07	-31.77	39.86	-54.10	-13.00	41.10	265	145	Vertical
5	11223.27	32.32	-35.10	39.38	-58.66	-13.00	45.66	201	164	Vertical
6	14964.36	30.90	-34.32	39.24	-59.44	-13.00	46.44	188	88	Vertical



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Test Band = UL MIMO Band 77 3700M-3980M ANT1_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8377.8542	37.40	-39.83	37.92	-59.78	-13.00	46.78	196	290	Horizontal
2	13956.3125	34.19	-34.87	40.17	-55.76	-13.00	42.76	265	252	Horizontal
3	17324.8542	32.81	-31.77	39.90	-54.32	-13.00	41.32	241	326	Horizontal
4	7590.18	38.13	-41.27	36.68	-61.72	-13.00	48.72	142	179	Horizontal
5	11835.27	32.04	-35.25	38.76	-59.70	-13.00	46.70	263	290	Horizontal
6	15180.36	30.38	-33.62	38.97	-59.53	-13.00	46.53	228	233	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	9060.6667	37.29	-38.68	38.59	-58.06	-13.00	45.06	142	35	Vertical
2	13071.2917	34.34	-34.69	39.64	-55.97	-13.00	42.97	285	72	Vertical
3	16965	32.73	-31.81	38.58	-55.77	-13.00	42.77	263	108	Vertical
4	7590.18	38.50	-41.27	36.68	-61.35	-13.00	48.35	265	18	Vertical
5	11835.27	31.73	-35.25	38.76	-60.01	-13.00	47.01	299	3	Vertical
6	15180.36	31.05	-33.62	38.97	-58.86	-13.00	45.86	364	108	Vertical



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Test Band = UL MIMO Band 77 3700M-3980M ANT1_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9433.4583	37.30	-37.80	38.56	-57.20	-13.00	44.20	196	120	Horizontal
2	13565.7917	34.50	-34.26	39.94	-55.08	-13.00	42.08	285	87	Horizontal
3	17467.1667	32.40	-31.85	40.47	-54.24	-13.00	41.24	241	354	Horizontal
4	7770.18	38.44	-41.00	37.04	-60.78	-13.00	47.78	142	104	Horizontal
5	11655.27	31.70	-35.22	38.94	-59.83	-13.00	46.83	263	120	Horizontal
6	15540.36	30.31	-33.41	38.50	-59.86	-13.00	46.86	287	159	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	9453.1042	37.50	-37.89	38.55	-57.09	-13.00	44.09	196	292	Vertical
2	13596.4583	34.71	-34.39	39.96	-54.99	-13.00	41.99	265	37	Vertical
3	17997.125	32.44	-31.31	42.59	-51.54	-13.00	38.54	241	257	Vertical
4	7770.18	38.28	-41.00	37.04	-60.94	-13.00	47.94	185	3	Vertical
5	11655.27	31.37	-35.22	38.94	-60.16	-13.00	47.16	256	18	Vertical
6	15540.36	31.22	-33.41	38.50	-58.95	-13.00	45.95	235	37	Vertical



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Test Band = UL MIMO Band 77 3700M-3980M ANT3_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9063.5417	37.92	-38.68	38.59	-57.43	-13.00	44.43	196	74	Horizontal
2	13275.8958	33.73	-35.02	39.77	-56.78	-13.00	43.78	265	353	Horizontal
3	17072.8125	33.93	-32.35	38.89	-54.78	-13.00	41.78	241	218	Horizontal
4	7482.18	38.83	-41.66	36.49	-61.60	-13.00	48.60	142	218	Horizontal
5	11223.27	32.67	-35.10	39.38	-58.31	-13.00	45.31	263	307	Horizontal
6	14964.36	31.29	-34.32	39.24	-59.05	-13.00	46.05	204	218	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	8516.3333	37.86	-39.67	38.07	-59.00	-13.00	46.00	174	312	Vertical
2	12735.875	34.07	-35.23	39.34	-57.09	-13.00	44.09	142	346	Vertical
3	17053.1667	33.34	-32.17	38.81	-55.28	-13.00	42.28	296	36	Vertical
4	7482.18	39.17	-41.66	36.49	-61.26	-13.00	48.26	265	71	Vertical
5	11223.27	32.12	-35.10	39.38	-58.86	-13.00	45.86	241	360	Vertical
6	14964.36	30.94	-34.32	39.24	-59.40	-13.00	46.40	175	55	Vertical



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Test Band = UL MIMO Band 77 3700M-3980M ANT3_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7581.9583	46.17	-41.30	36.66	-53.73	-13.00	40.73	196	343	Horizontal
2	9561.875	37.65	-37.90	38.54	-56.97	-13.00	43.97	265	125	Horizontal
3	13595.5	34.52	-34.39	39.96	-55.17	-13.00	42.17	241	106	Horizontal
4	17834.2083	32.77	-30.98	41.94	-51.54	-13.00	38.54	142	125	Horizontal
5	11835.27	31.88	-35.25	38.76	-59.86	-13.00	46.86	285	288	Horizontal
6	15180.36	30.53	-33.62	38.97	-59.38	-13.00	46.38	263	360	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	7581.9583	48.81	-41.30	36.66	-51.09	-13.00	38.09	196	34	Vertical
2	9320.375	36.94	-38.24	38.57	-57.99	-13.00	44.99	265	270	Vertical
3	10847.9583	33.88	-35.62	39.43	-57.56	-13.00	44.56	241	212	Vertical
4	13456.0625	33.98	-34.40	39.87	-55.81	-13.00	42.81	142	343	Vertical
5	17832.2917	32.51	-30.98	41.93	-51.80	-13.00	38.80	285	360	Vertical
6	15180.36	30.74	-33.62	38.97	-59.17	-13.00	46.17	263	125	Vertical



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Test Band = UL MIMO Band 77 3700M-3980M ANT3_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9578.1667	37.79	-37.85	38.54	-56.78	-13.00	43.78	142	360	Horizontal
2	13595.5	34.76	-34.39	39.96	-54.93	-13.00	41.93	296	27	Horizontal
3	17631.5208	31.92	-31.63	41.13	-53.84	-13.00	40.84	263	174	Horizontal
4	7770.18	37.63	-41.00	37.04	-61.59	-13.00	48.59	254	359	Horizontal
5	11655.27	31.14	-35.22	38.94	-60.39	-13.00	47.39	142	359	Horizontal
6	15540.36	32.00	-33.41	38.50	-58.17	-13.00	45.17	220	27	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	9579.6042	37.85	-37.85	38.54	-56.71	-13.00	43.71	196	360	Vertical
2	12996.0625	34.73	-34.87	39.60	-55.81	-13.00	42.81	265	360	Vertical
3	17637.75	32.19	-31.57	41.15	-53.49	-13.00	40.49	241	360	Vertical
4	7770.18	38.77	-41.00	37.04	-60.45	-13.00	47.45	185	360	Vertical
5	11655.27	31.27	-35.22	38.94	-60.26	-13.00	47.26	286	147	Vertical
6	15540.36	30.58	-33.41	38.50	-59.59	-13.00	46.59	296	355	Vertical



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Test Band = ENDC B5A_n77A 3700M-3980M_ 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	9430.5833	36.51	-37.79	38.56	-57.98	-13.00	44.98	185	360	Horizontal
2	13473.3125	34.14	-34.23	39.88	-55.47	-13.00	42.47	263	112	Horizontal
3	17886.4375	32.70	-31.14	42.15	-51.55	-13.00	38.55	265	347	Horizontal
4	7482.18	39.44	-41.66	36.49	-60.99	-13.00	47.99	241	296	Horizontal
5	11223.27	32.64	-35.10	39.38	-58.34	-13.00	45.34	142	3	Horizontal
6	14964.36	31.02	-34.32	39.24	-59.32	-13.00	46.32	298	75	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	9436.8125	37.29	-37.82	38.56	-57.23	-13.00	44.23	174	16	Vertical
2	12957.7292	34.29	-34.91	39.56	-56.32	-13.00	43.32	142	88	Vertical
3	16441.75	33.41	-32.50	38.21	-56.14	-13.00	43.14	254	323	Vertical
4	7482.18	39.25	-41.66	36.49	-61.18	-13.00	48.18	255	352	Vertical
5	11223.27	32.69	-35.10	39.38	-58.29	-13.00	45.29	296	124	Vertical
6	14964.36	30.34	-34.32	39.24	-60.00	-13.00	47.00	268	323	Vertical



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Test Band = ENDC B5A_n77A 3700M-3980M_ 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	7581.9583	44.36	-41.30	36.66	-55.54	-13.00	42.54	185	358	Horizontal
2	9435.375	37.18	-37.81	38.56	-57.33	-13.00	44.33	365	343	Horizontal
3	13595.5	34.37	-34.39	39.96	-55.32	-13.00	42.32	295	53	Horizontal
4	17332.5208	32.62	-31.77	39.93	-54.48	-13.00	41.48	284	197	Horizontal
5	11835.27	31.93	-35.25	38.76	-59.81	-13.00	46.81	142	180	Horizontal
6	15180.36	31.41	-33.62	38.97	-58.50	-13.00	45.50	287	106	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	7582.4375	51.05	-41.30	36.66	-48.85	-13.00	35.85	284	310	Vertical
2	9950	35.14	-37.15	38.51	-58.76	-13.00	45.76	174	163	Vertical
3	13584	34.09	-34.34	39.95	-55.56	-13.00	42.56	142	108	Vertical
4	17649.7292	32.63	-31.47	41.20	-52.90	-13.00	39.90	263	359	Vertical
5	11835.27	31.79	-35.25	38.76	-59.95	-13.00	46.95	225	254	Vertical
6	15180.36	31.08	-33.62	38.97	-58.83	-13.00	45.83	214	3	Vertical



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Test Band = ENDC B5A_n77A 3700M-3980M_ 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	9576.25	37.72	-37.86	38.54	-56.85	-13.00	43.85	296	218	Horizontal
2	13600.7708	34.09	-34.41	39.96	-55.62	-13.00	42.62	265	110	Horizontal
3	17835.6458	32.37	-30.99	41.94	-51.93	-13.00	38.93	284	360	Horizontal
4	7770.18	38.14	-41.00	37.04	-61.08	-13.00	48.08	142	238	Horizontal
5	11655.27	31.44	-35.22	38.94	-60.09	-13.00	47.09	255	3	Horizontal
6	15540.36	30.50	-33.41	38.50	-59.67	-13.00	46.67	286	326	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	9430.1042	37.23	-37.79	38.56	-57.26	-13.00	44.26	296	359	Vertical
2	13705.7083	34.01	-34.92	40.02	-56.14	-13.00	43.14	265	198	Vertical
3	17593.6667	32.07	-31.89	40.97	-54.10	-13.00	41.10	241	234	Vertical
4	7770.18	37.69	-41.00	37.04	-61.53	-13.00	48.53	174	198	Vertical
5	11655.27	30.58	-35.22	38.94	-60.95	-13.00	47.95	145	51	Vertical
6	15540.36	30.37	-33.41	38.50	-59.80	-13.00	46.80	266	307	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	6.800000	0.001771	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	1.600000	0.000417	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.200000	-0.000052	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VH	NT	9.000000	0.002344	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	-1.300000	-0.000339	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VL	NT	2.400000	0.000625	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-40	8.600000	0.002457	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	3.600000	0.000938	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	7.000000	0.001823	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	9.700000	0.002526	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	1.200000	0.000313	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	5.900000	0.001536	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	7.200000	0.001875	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	6.900000	0.001797	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	3.500000	0.000911	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.900000	-0.000495	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	60	10.900000	0.003114	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	75	6.400000	0.001829	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-40	7.600000	0.002171	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	-0.600000	-0.000156	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	6.600000	0.001719	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	13.500000	0.003516	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	1.400000	0.000365	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	-1.100000	-0.000286	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	1.000000	0.000260	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	4.700000	0.001224	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	-3.800000	-0.000990	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	-0.300000	-0.000078	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	60	4.300000	0.001229	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	75	13.500000	0.003857	PASS

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