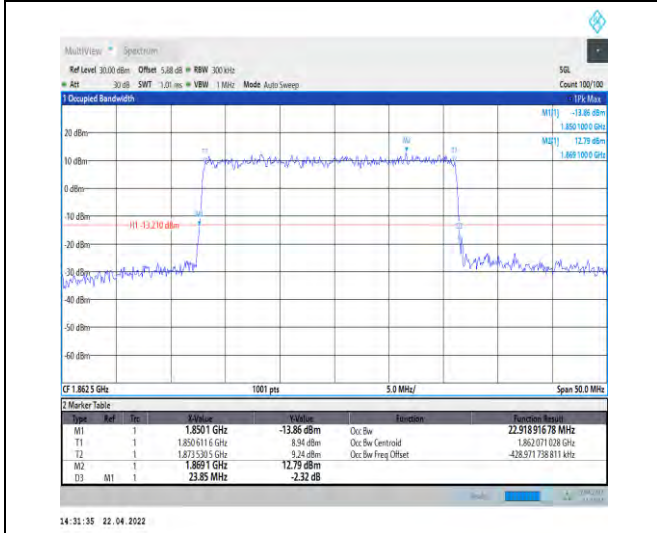




1-N25--15-25-L-1-DFT-QPSK-Outer_Full-128@0-Ant
0-22.884-23.900-≤25-PASS



1-N25--15-25-L-2-DFT-PI2BPSK-Outer_Full-128@0-Ant
0-22.875-23.900-≤25-PASS



1-N25--15-25-L-3-DFT-16QAM-Outer_Full-128@0-Ant
0-22.919-23.850-≤25-PASS



1-N25--15-25-L-4-DFT-64QAM-Outer_Full-128@0-Ant
0-22.899-23.900-≤25-PASS

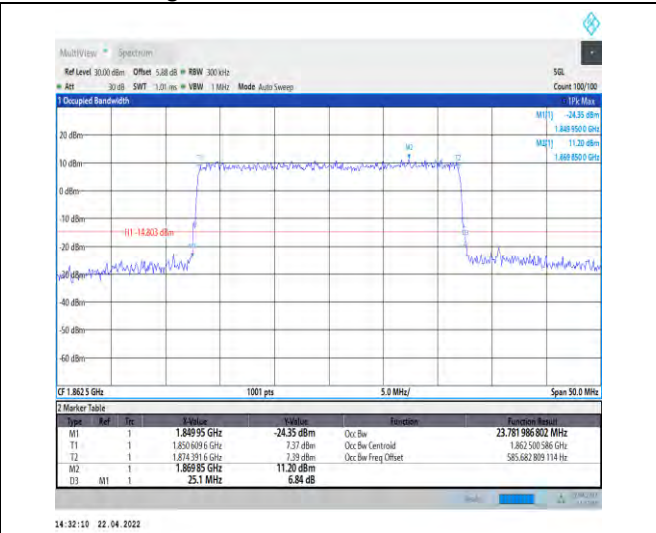
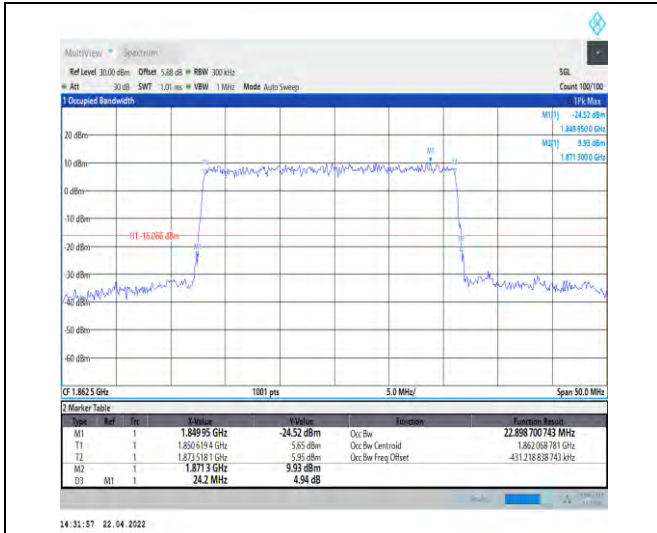


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t (86-512) 62992980 sgs.china@sgs.com



1-N25--15-25-L-5-DFT-256QAM-Outer_Full-128@0-Ant0-22.899-24.200-<=25-PASS

1-N25--15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant0-23.782-25.100-<=25-PASS



1-N25--15-25-L-7-CP-16QAM-Outer_Full-133@0-An t0-23.812-25.050-<=25-PASS

1-N25--15-25-L-8-CP-64QAM-Outer_Full-133@0-An t0-23.769-24.850-<=25-PASS

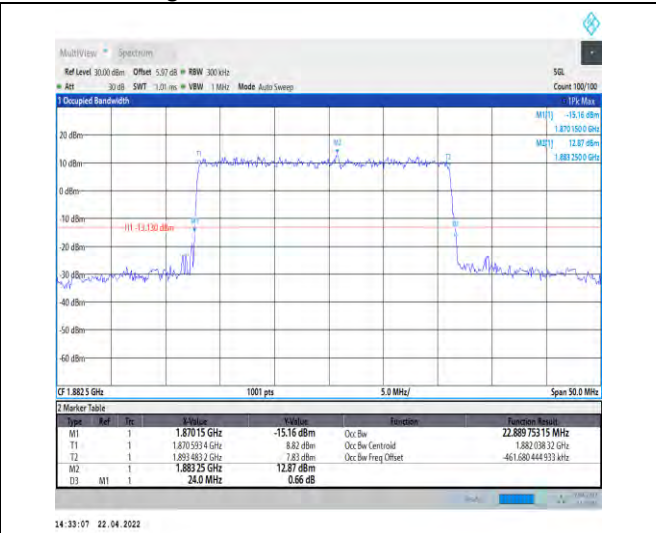


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1-N25--15-25-L-9-CP-256QAM-Outer_Full-133@0-A
 nt0-23.76-24.950-<25-PASS



1-N25--15-25-M-1-DFT-QPSK-Outer_Full-128@0-An
 t0-22.89-24.000-<25-PASS



1-N25--15-25-M-2-DFT-PI2BPSK-Outer_Full-128@0
 -Ant0-22.863-23.900-<25-PASS

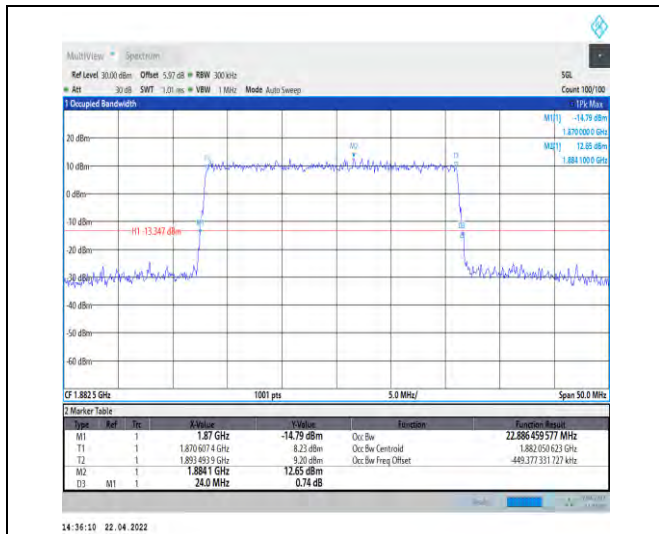


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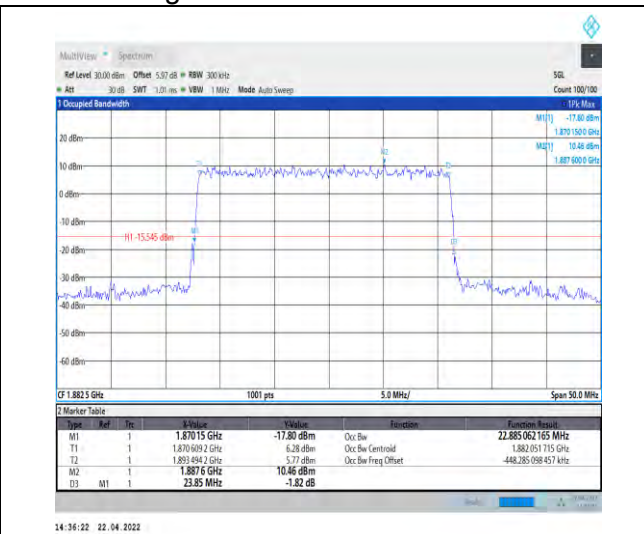


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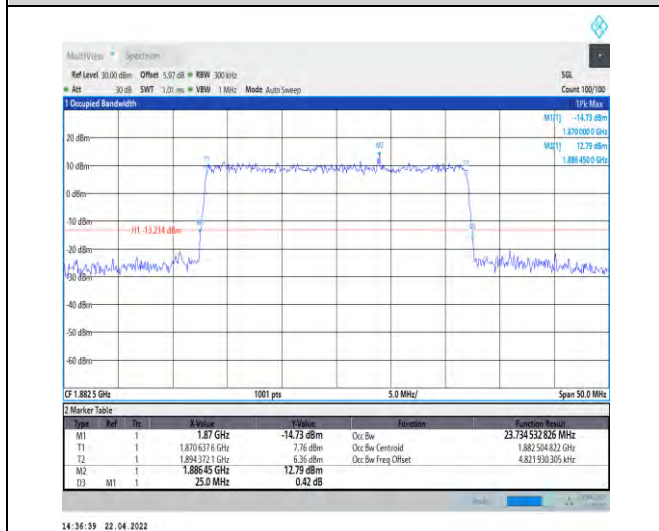
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1-N25--15-25-M-4-DFT-64QAM-Outer_Full-128@0-A
 nt0-22.886-24.000-≤25-PASS



1-N25--15-25-M-5-DFT-256QAM-Outer_Full-128@0-A
 Ant0-22.885-23.850-≤25-PASS

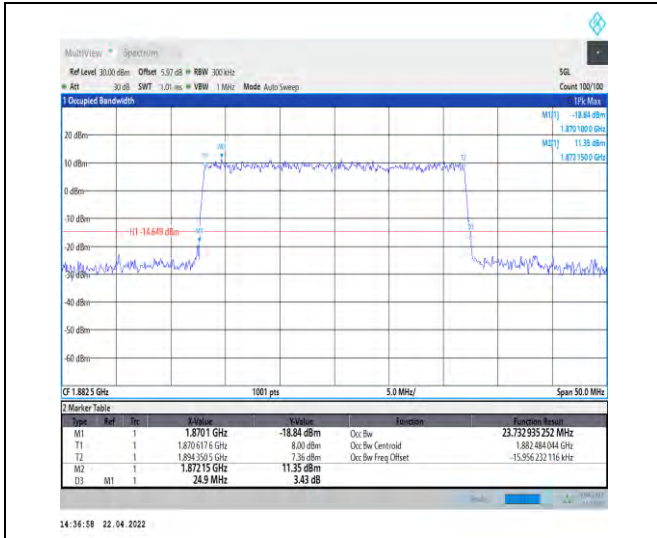


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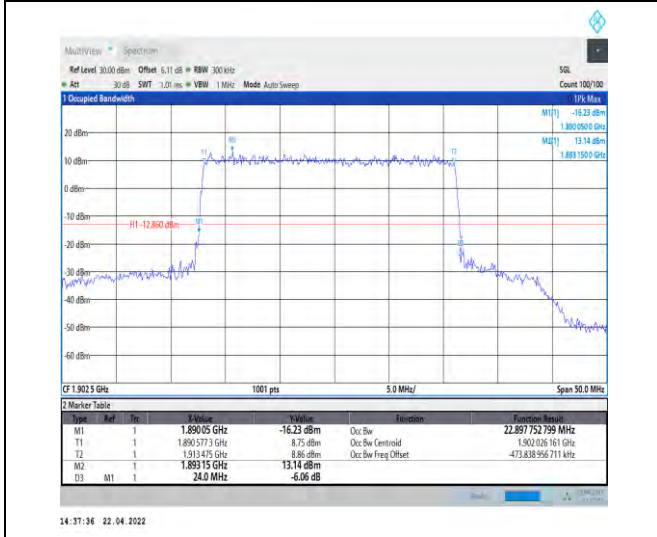
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 nt0-23.768-24.850-≤25-PASS





1-N25--15-25-M-8-CP-64QAM-Outer_Full-133@0-A
nt0-23.733-24.900-≤ 25-PASS

1-N25--15-25-M-9-CP-256QAM-Outer_Full-133@0-
Ant0-23.751-24.950-≤ 25-PASS



1-N25--15-25-H-1-DFT-QPSK-Outer_Full-128@0-An
t0-22.898-24.000-≤ 25-PASS

1-N25--15-25-H-2-DFT-PI2BPSK-Outer_Full-128@0-
Ant0-22.891-23.900-≤ 25-PASS



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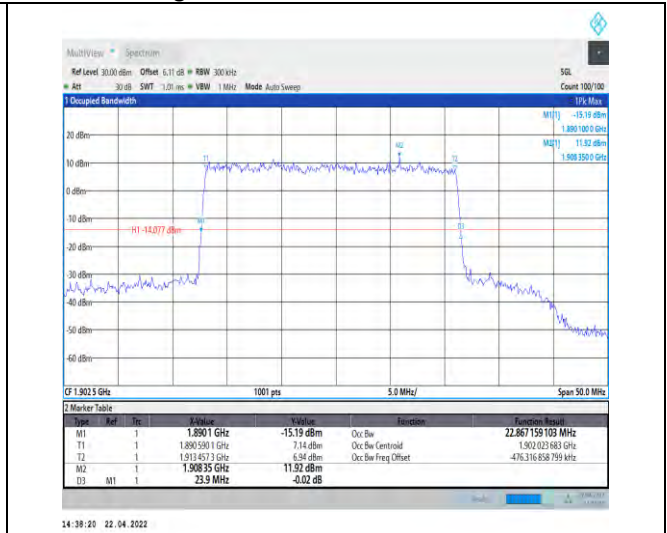
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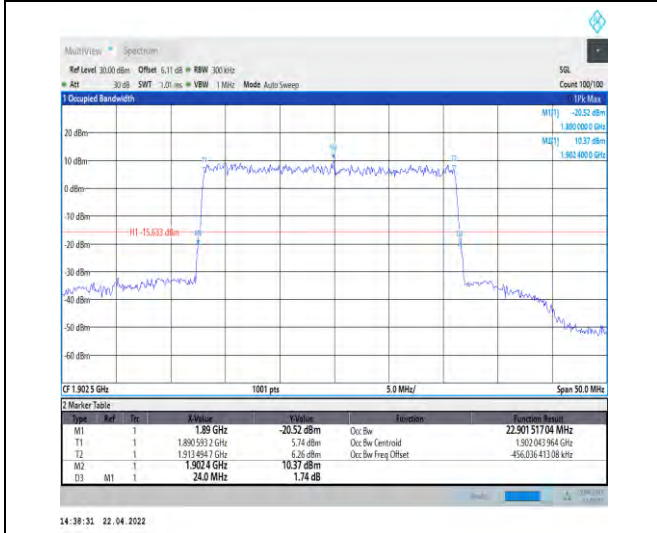
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1-N25--15-25-H-3-DFT-16QAM-Outer_Full-128@0-A
nt0-22.891-23.900-≤25-PASS



1-N25--15-25-H-4-DFT-64QAM-Outer_Full-128@0-A
nt0-22.867-23.900-≤25-PASS



1-N25--15-25-H-5-DFT-256QAM-Outer_Full-128@0-Ant0-22.902-24.000-≤25-PASS

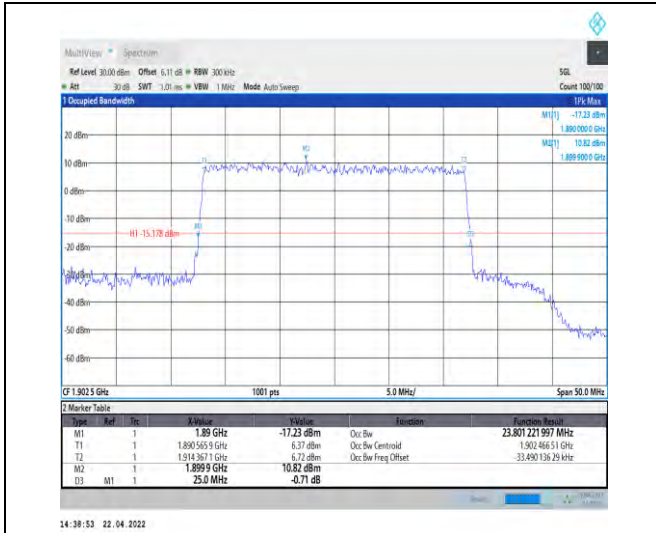


1-N25--15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant0-23.741-24.850-≤25-PASS

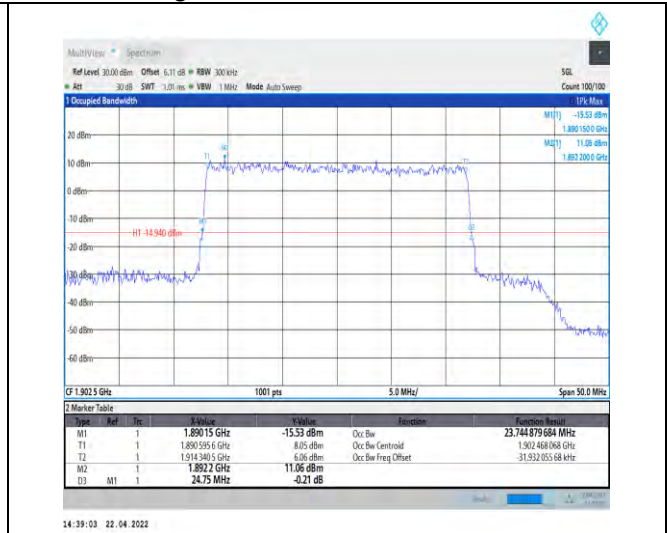


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1-N25--15-25-H-7-CP-16QAM-Outer_Full-133@0-An
t0-23.801-25.000-≤25-PASS



1-N25--15-25-H-8-CP-64QAM-Outer_Full-133@0-An
t0-23.745-24.750-≤25-PASS



1-N25--15-25-H-9-CP-256QAM-Outer_Full-133@0-A
nt0-23.718-24.900-≤25-PASS



1-N25--15-30-L-1-DFT-QPSK-Outer_Full-160@0-Ant
0-28.571-29.580-≤30-PASS



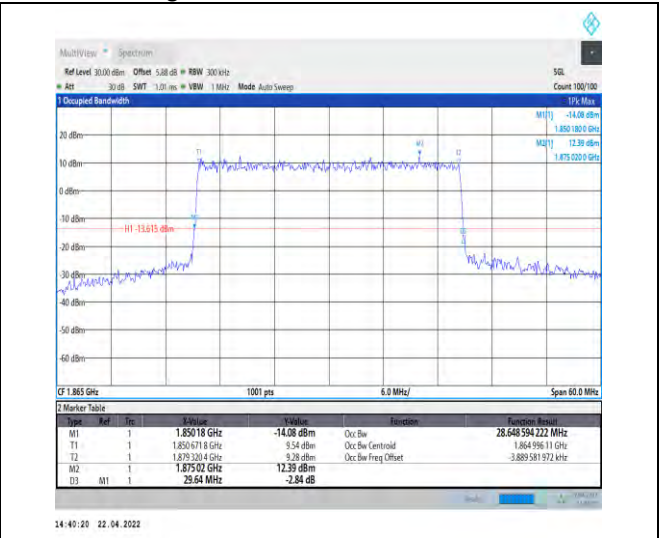
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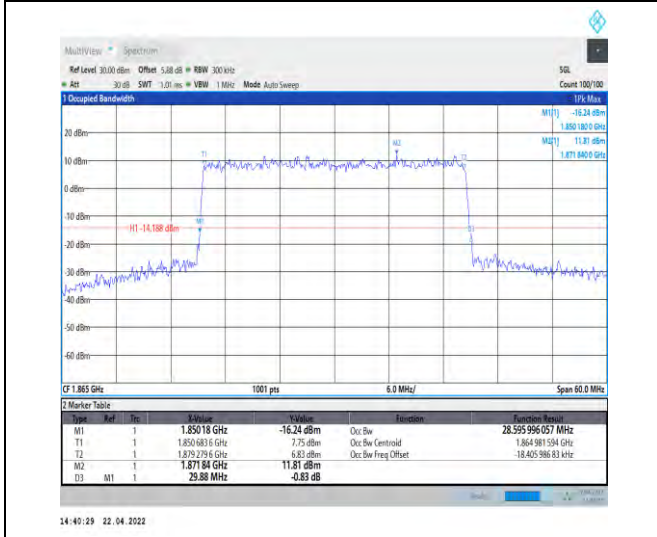
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1-N25--15-30-L-2-DFT-PI2BPSK-Outer_Full-160@0-Ant0-28.586-29.700-≤30-PASS



1-N25--15-30-L-3-DFT-16QAM-Outer_Full-160@0-Ant0-28.649-29.640-≤30-PASS

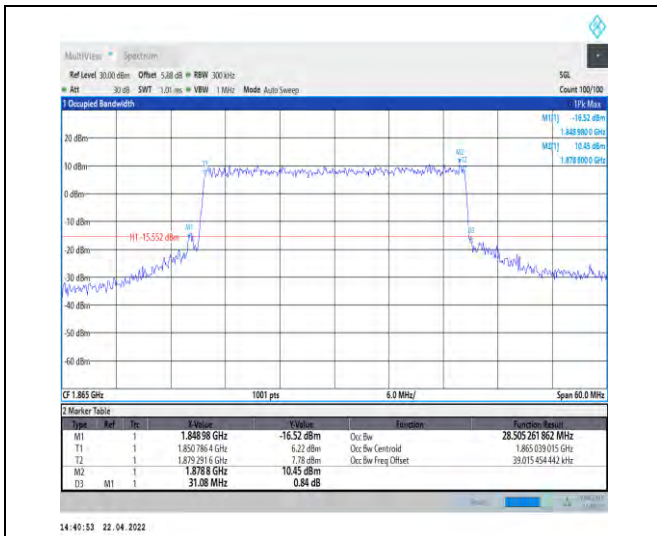


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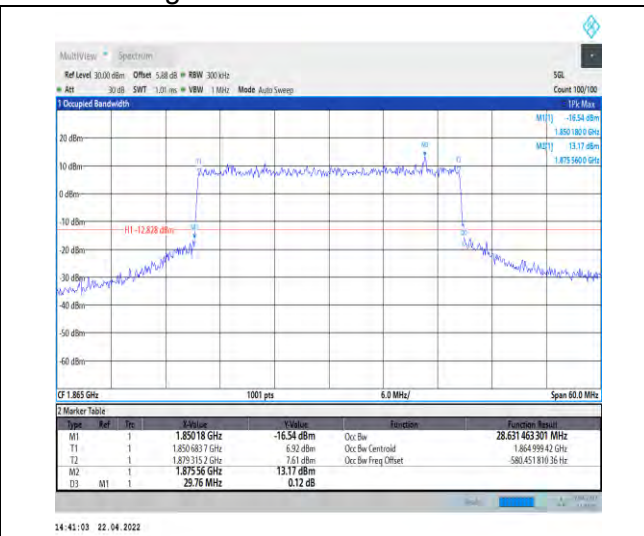


1-N25--15-30-L-5-DFT-256QAM-Outer_Full-160@0-Ant0-28.568-29.760-≤30-PASS

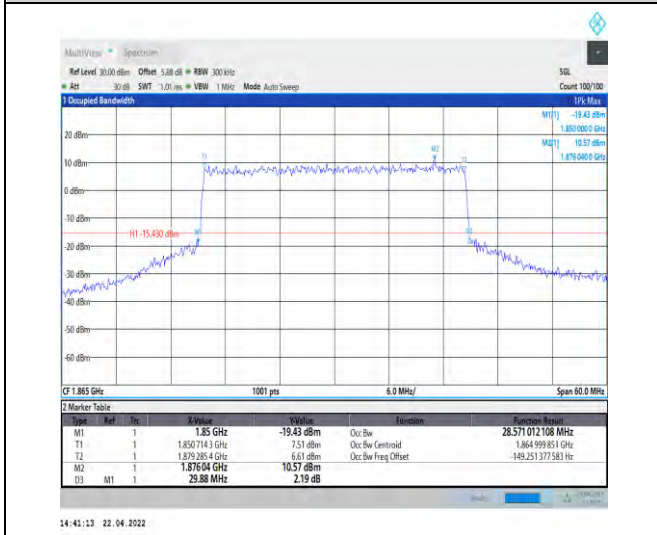




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 -28.505-31.080-≤30-PASS



1-N25--15-30-L-7-CP-16QAM-Outer_Full-160@0-Ant0
 -28.631-29.760-≤30-PASS

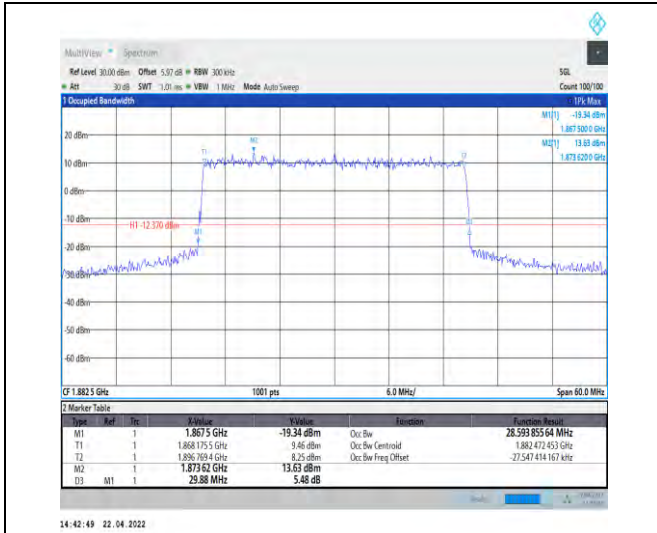


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 -28.571-29.880-≤30-PASS



1-N25--15-30-L-9-CP-256QAM-Outer_Full-160@0-Ant0
 -28.538-29.820-≤30-PASS





1-N25--15-30-M-1-DFT-QPSK-Outer_Full-160@0-Ant0-28.594-29.880-≤30-PASS



1-N25--15-30-M-2-DFT-PI2BPSK-Outer_Full-160@0-Ant0-28.654-29.760-≤30-PASS



1-N25--15-30-M-3-DFT-16QAM-Outer_Full-160@0-Ant0-28.584-29.580-≤30-PASS



1-N25--15-30-M-4-DFT-64QAM-Outer_Full-160@0-Ant0-28.551-29.640-≤30-PASS

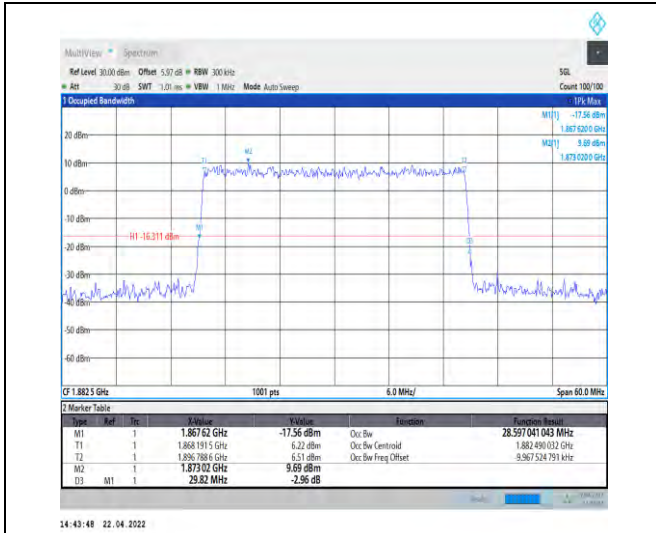


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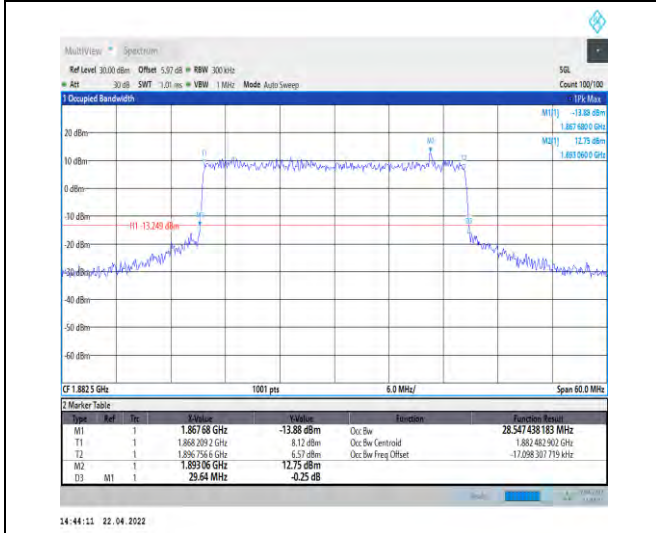
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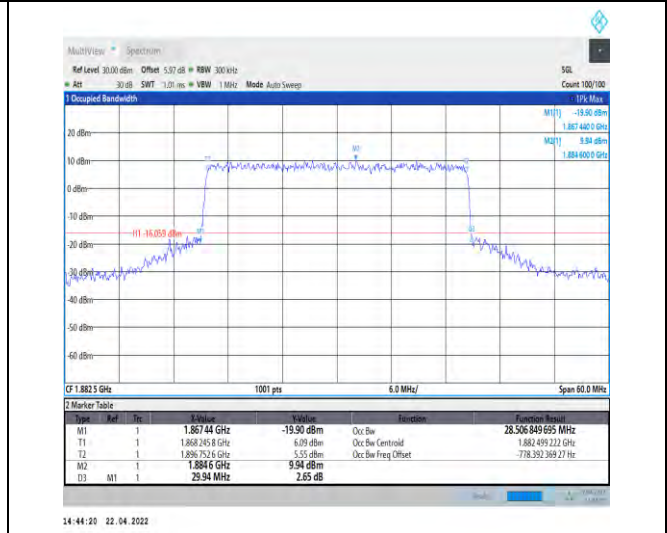
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1-N25--15-30-M-6-CP-QPSK-Outer_Full-160@0-Ant0-28.555-30.540-≤ 30-PASS



1-N25--15-30-M-7-CP-16QAM-Outer_Full-160@0-Ant0-28.547-29.640-≤ 30-PASS



1-N25--15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant0-28.507-29.940-≤ 30-PASS

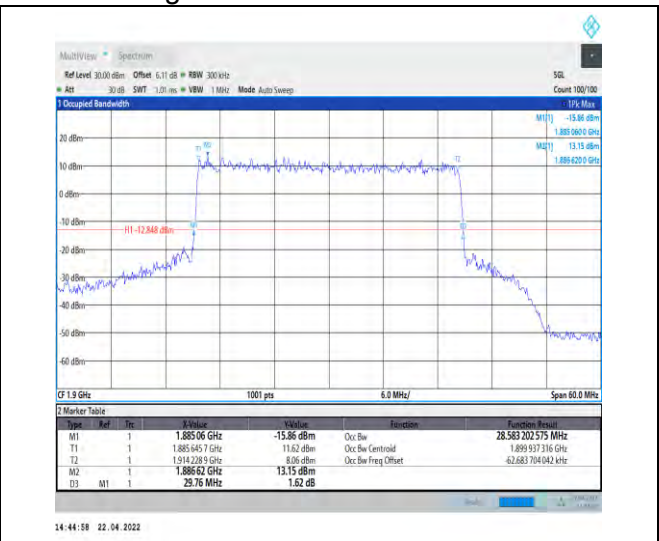


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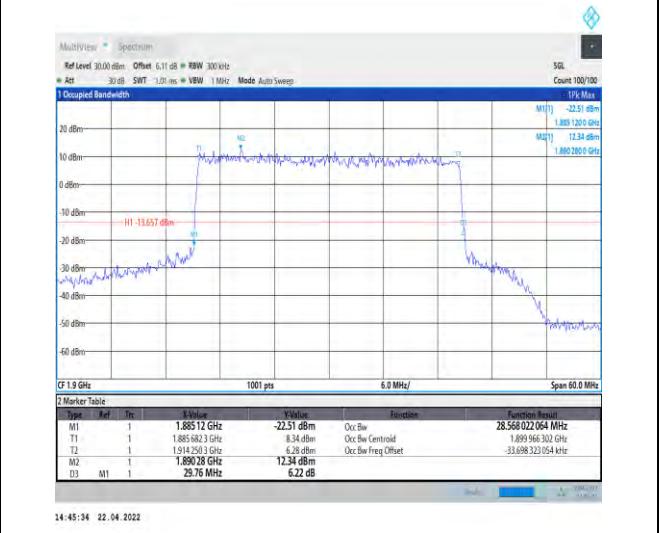
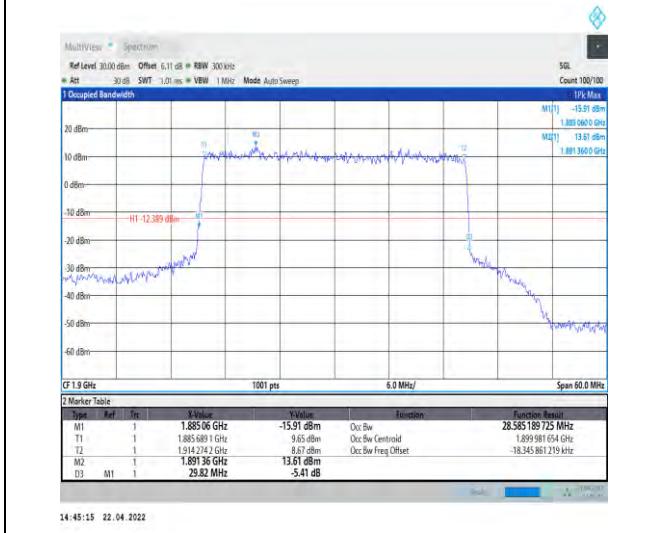
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1-N25--15-30-M-9-CP-256QAM-Outer_Full-160@0-Ant0-28.484-29.760-<30-PASS

1-N25--15-30-H-1-DFT-QPSK-Outer_Full-160@0-Ant0-28.583-29.760-<30-PASS



1-N25--15-30-H-2-DFT-PI2BPSK-Outer_Full-160@0-Ant0-28.585-29.820-<30-PASS

1-N25--15-30-H-3-DFT-16QAM-Outer_Full-160@0-Ant0-28.568-29.760-<30-PASS

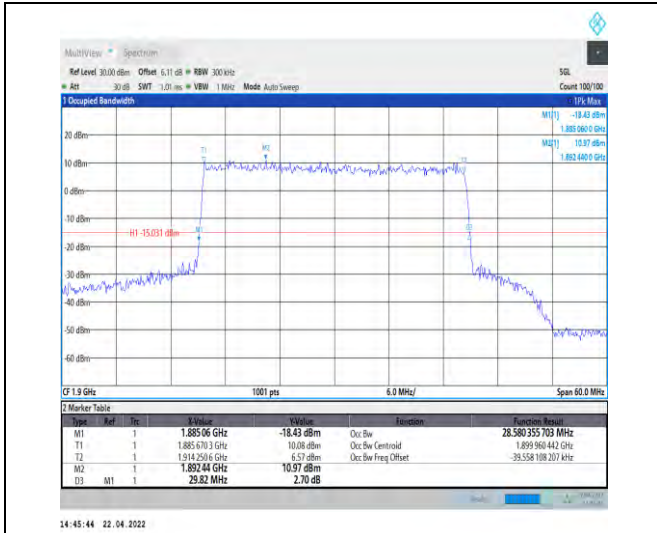


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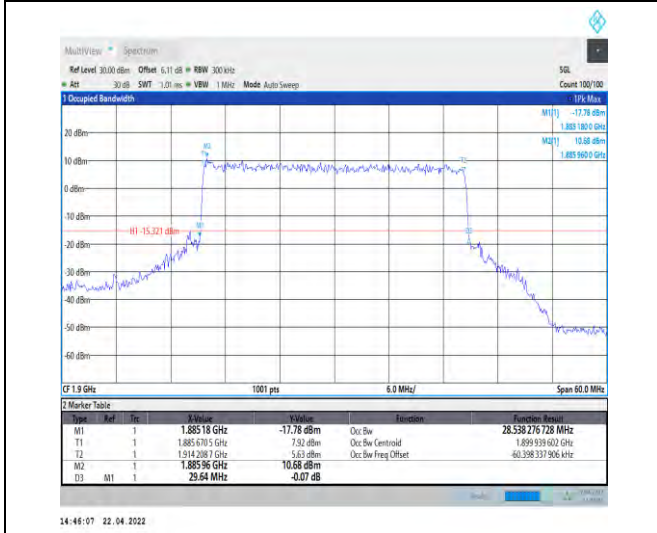
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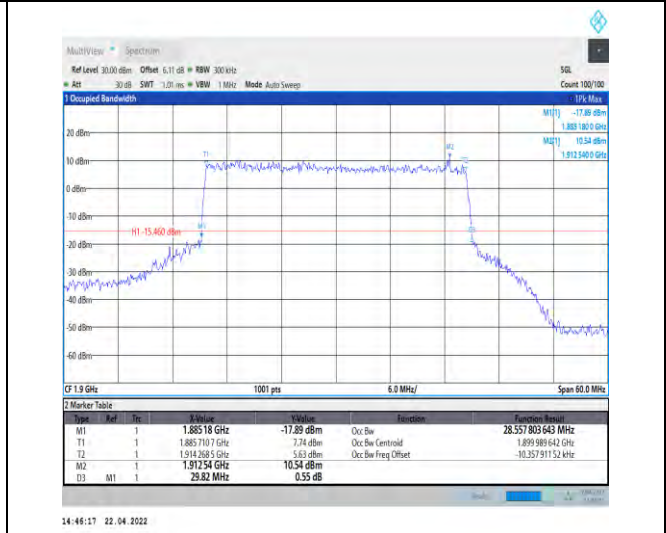
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nt0-28.58-29.820-≤30-PASS



1-N25--15-30-H-5-DFT-256QAM-Outer_Full-160@0-Ant0-28.559-29.820-≤30-PASS



1-N25--15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant0-28.538-29.640-≤30-PASS



1-N25--15-30-H-7-CP-16QAM-Outer_Full-160@0-Ant0-28.558-29.820-≤30-PASS

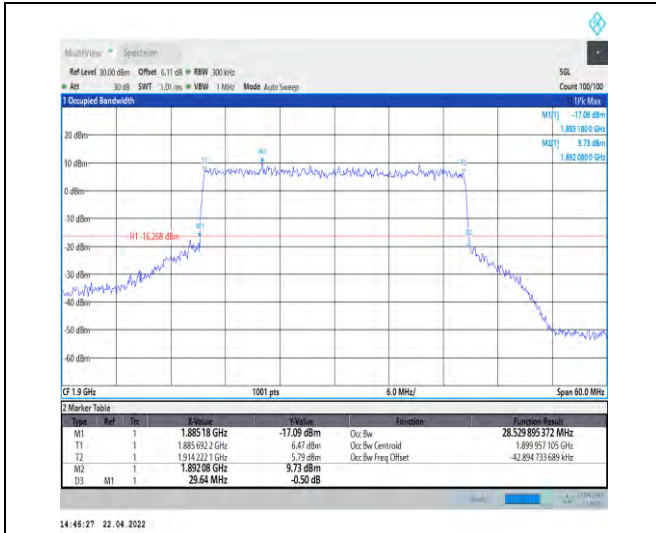


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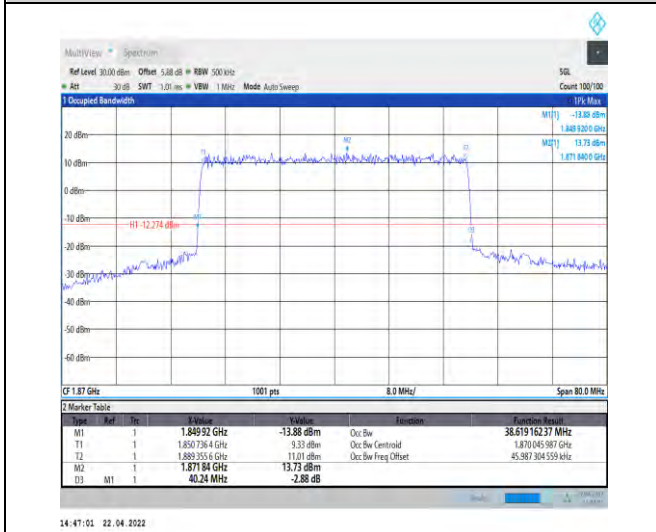
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1-N25--15-30-H-8-CP-64QAM-Outer_Full-160@0-Ant0-28.53-29.640-≤30-PASS



1-N25--15-30-H-9-CP-256QAM-Outer_Full-160@0-Ant0-28.478-29.580-≤30-PASS



1-N25--15-40-L-1-DFT-QPSK-Outer_Full-216@0-Ant0-38.619-40.240-≤40-PASS



1-N25--15-40-L-2-DFT-PI2BPSK-Outer_Full-216@0-Ant0-38.58-40.160-≤40-PASS



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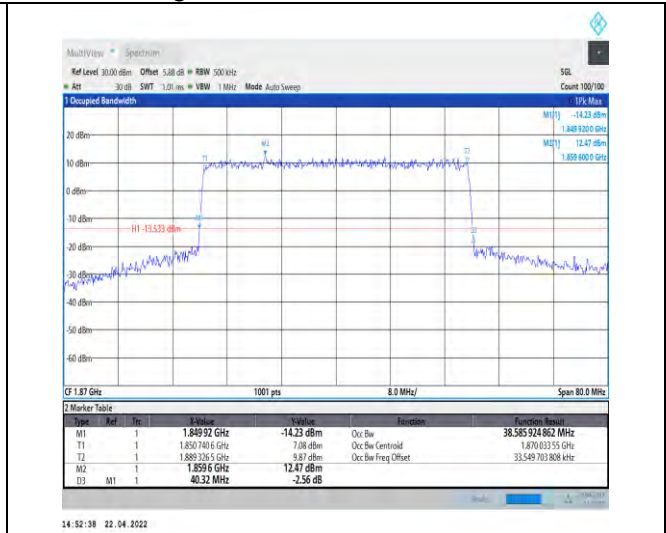
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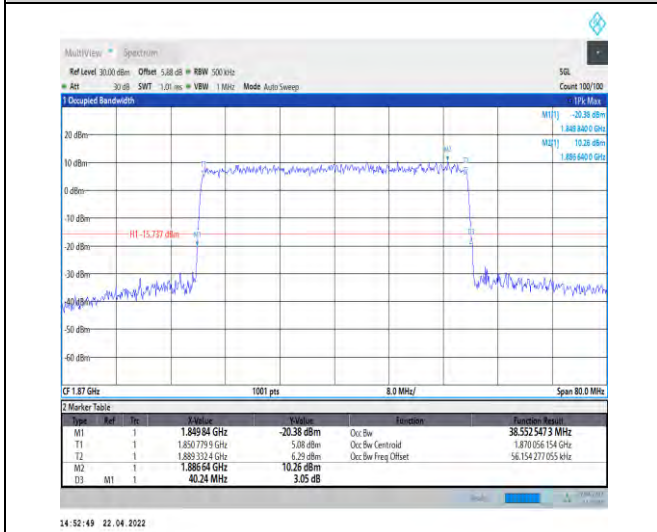
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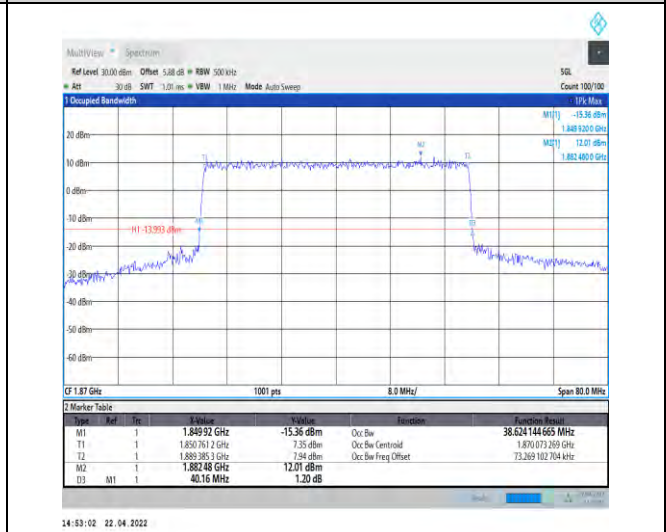
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nt0-38.641-40.240-≤ 40-PASS



1-N25--15-40-L-4-DFT-64QAM-Outer_Full-216@0-A
nt0-38.586-40.320-≤ 40-PASS



1-N25--15-40-L-5-DFT-256QAM-Outer_Full-216@0-A
Ant0-38.553-40.240-≤ 40-PASS



1-N25--15-40-L-6-CP-QPSK-Outer_Full-216@0-A
nt0-38.624-40.160-≤ 40-PASS

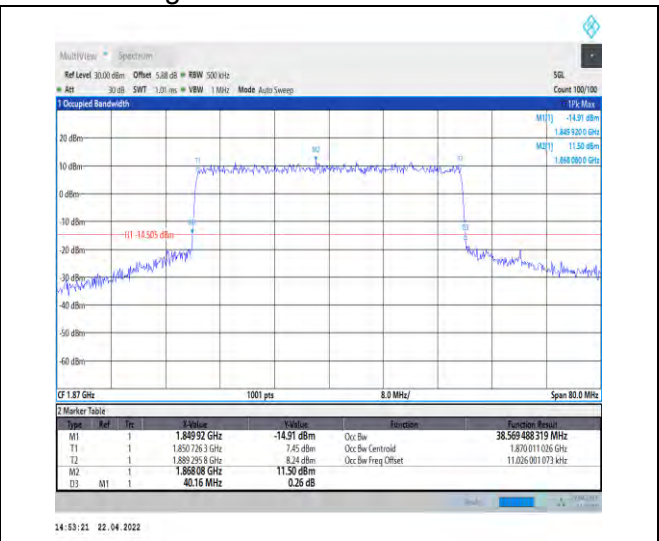
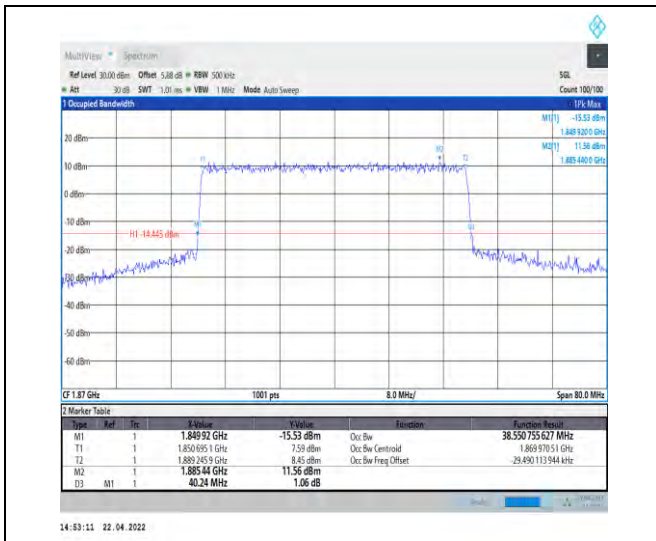


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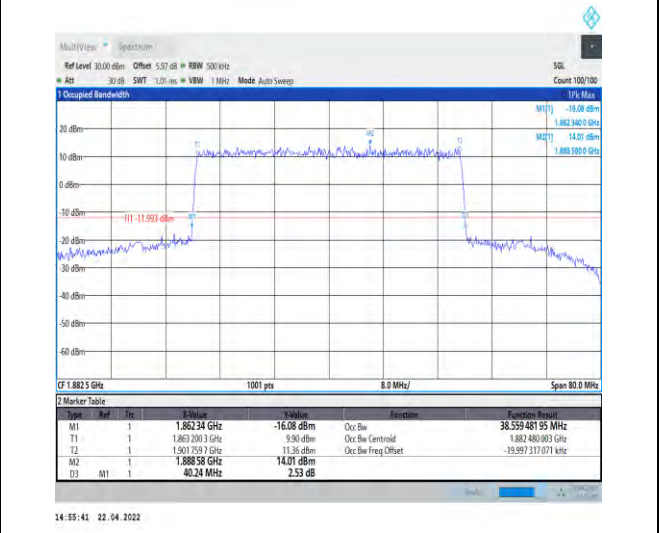
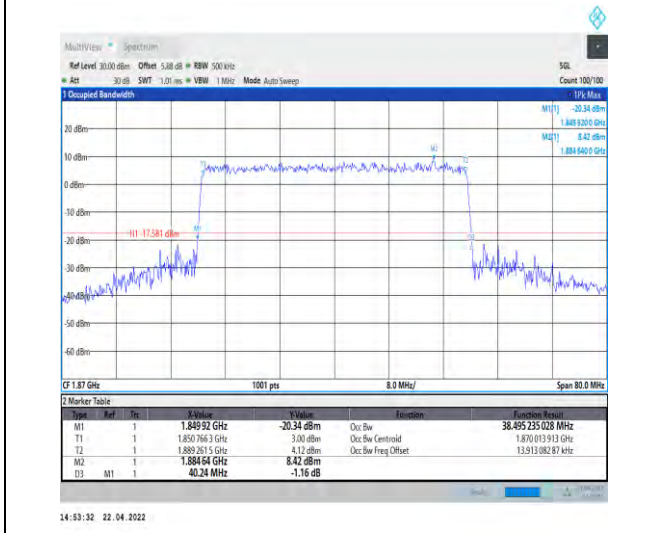
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1-N25--15-40-L-7-CP-16QAM-Outer_Full-216@0-An
t0-38.551-40.240-≤ 40-PASS

1-N25--15-40-L-8-CP-64QAM-Outer_Full-216@0-An
t0-38.569-40.160-≤ 40-PASS



1-N25--15-40-L-9-CP-256QAM-Outer_Full-216@0-A
nt0-38.495-40.240-≤ 40-PASS

1-N25--15-40-M-1-DFT-QPSK-Outer_Full-216@0-An
t0-38.559-40.240-≤ 40-PASS



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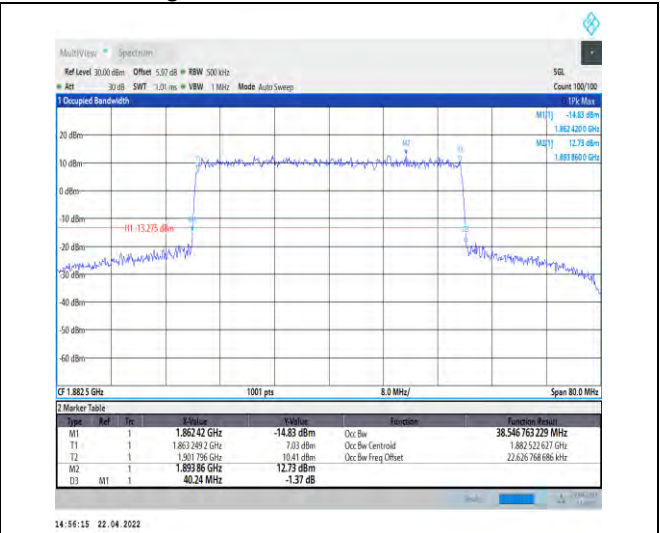
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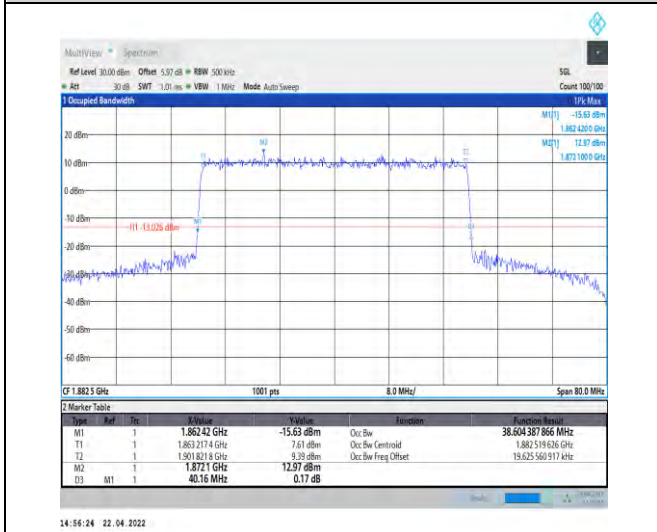
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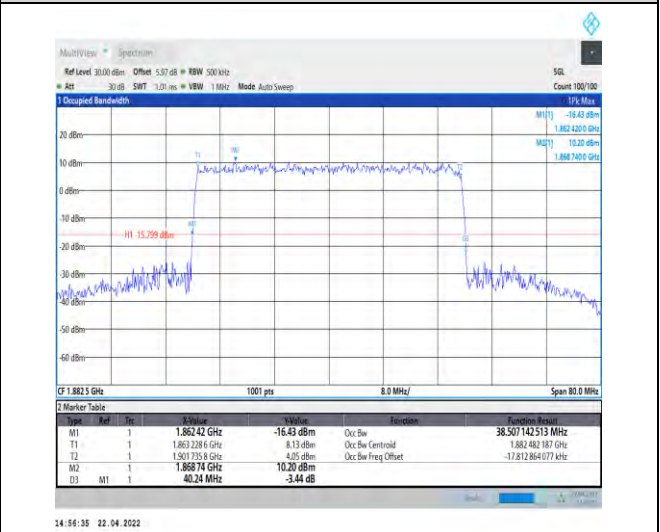
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1-N25--15-40-M-3-DFT-16QAM-Outer_Full-216@0-Ant0-38.547-40.240-≤40-PASS



1-N25--15-40-M-4-DFT-64QAM-Outer_Full-216@0-Ant0-38.604-40.160-≤40-PASS



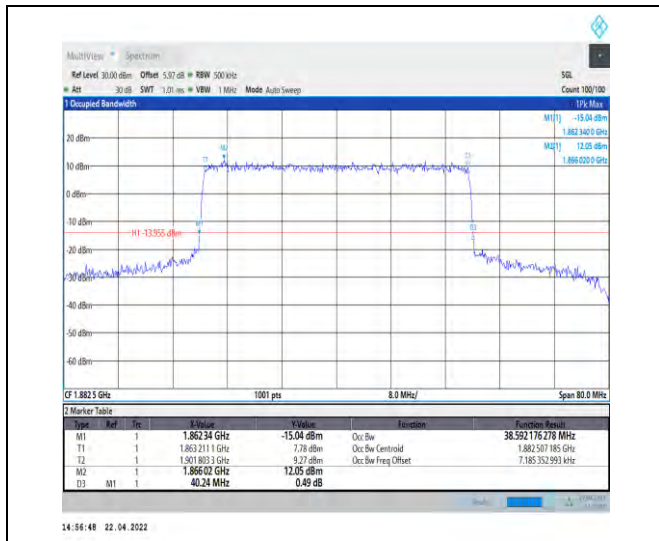
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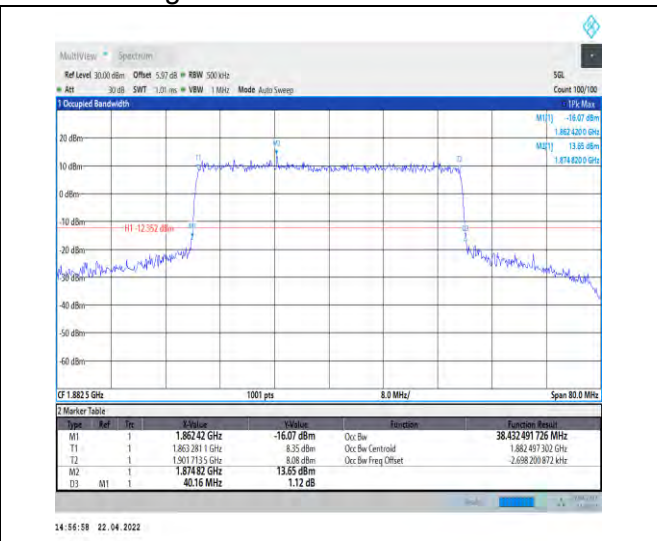
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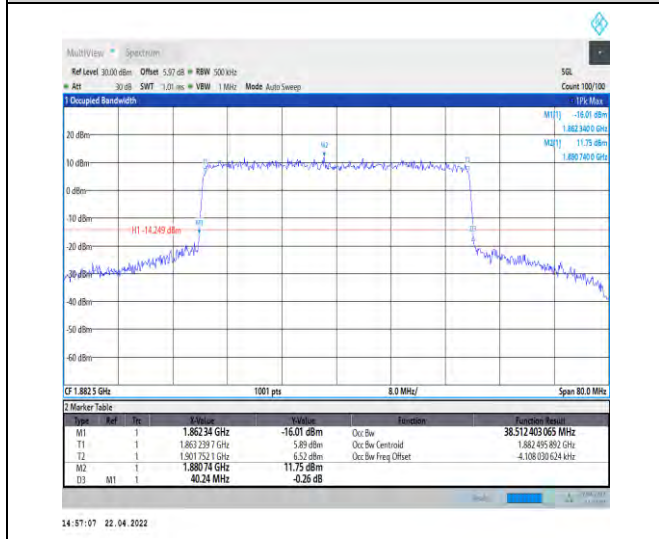
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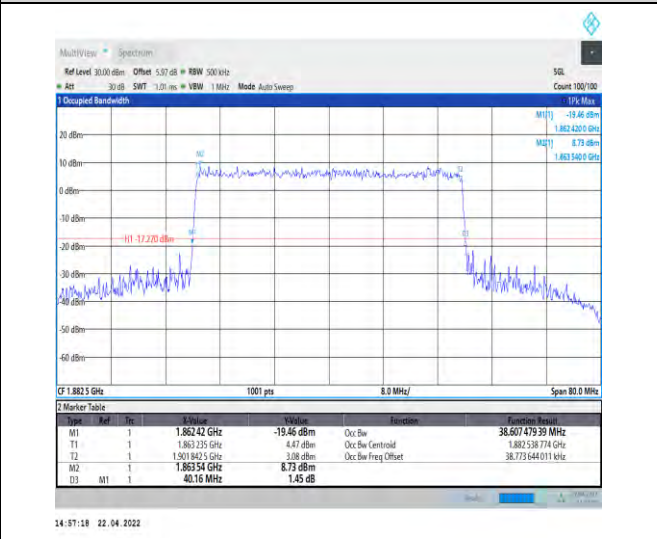
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1-N25--15-40-M-8-CP-64QAM-Outer_Full-216@0-A
 nt0-38.512-40.240-≤40-PASS



1-N25--15-40-M-9-CP-256QAM-Outer_Full-216@0-A
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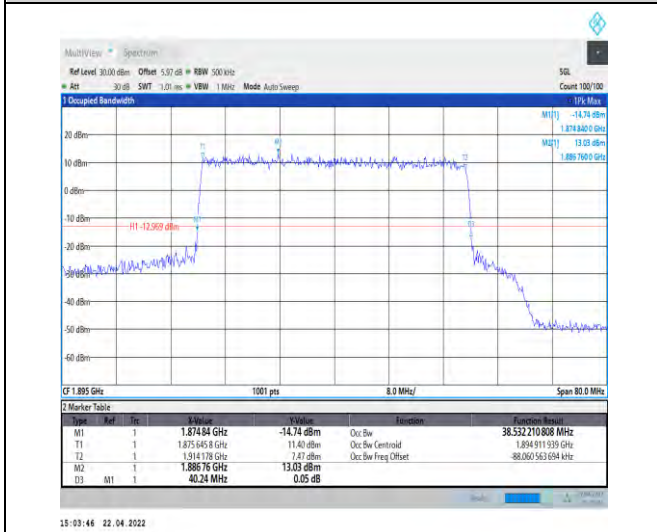




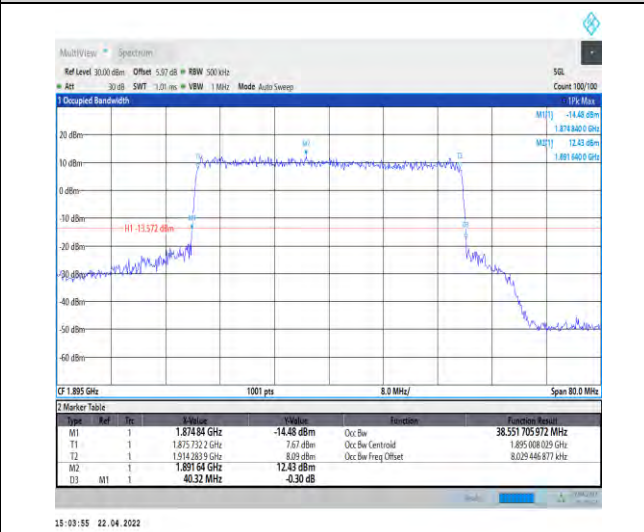
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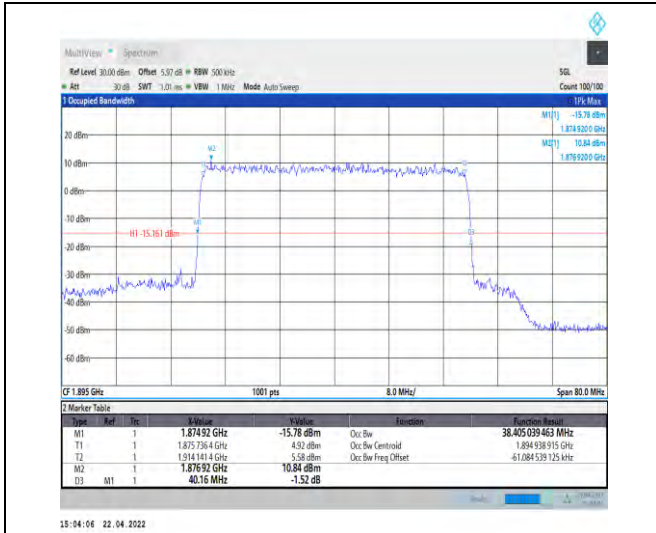


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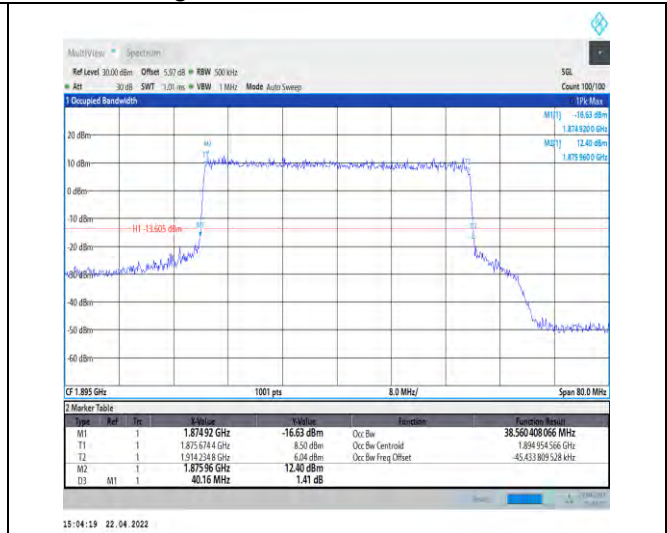


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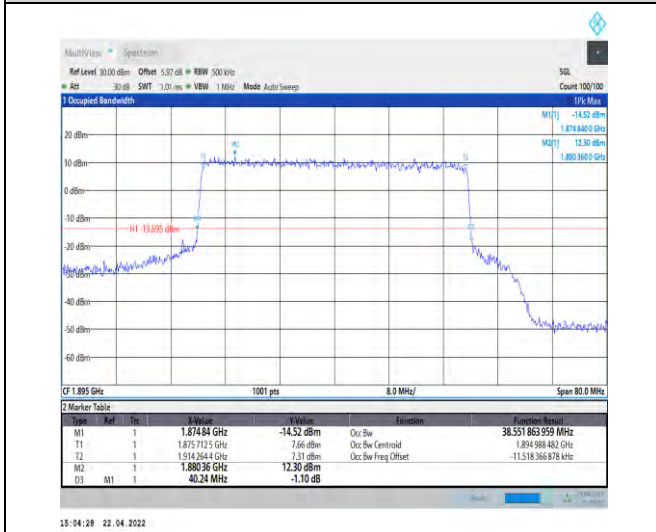




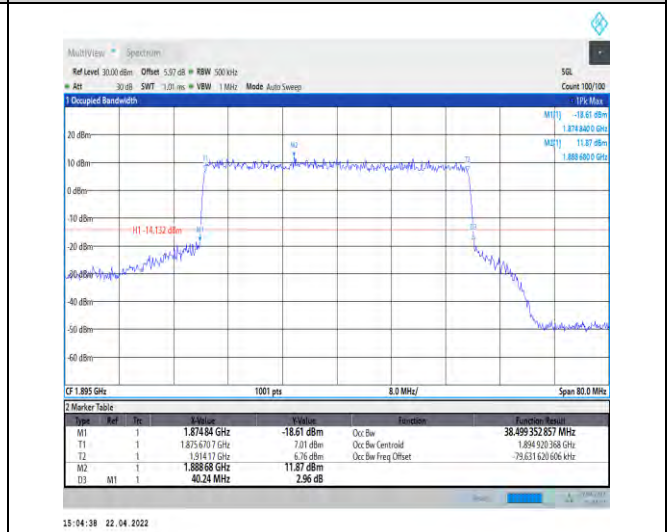
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1-N25--15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant0-38.56-40.160-≤ 40-PASS



1-N25--15-40-H-7-CP-16QAM-Outer_Full-216@0-Ant0-38.552-40.240-≤ 40-PASS



1-N25--15-40-H-8-CP-64QAM-Outer_Full-216@0-Ant0-38.499-40.240-≤ 40-PASS



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nt0-38.506-40.160-≤40-PASS



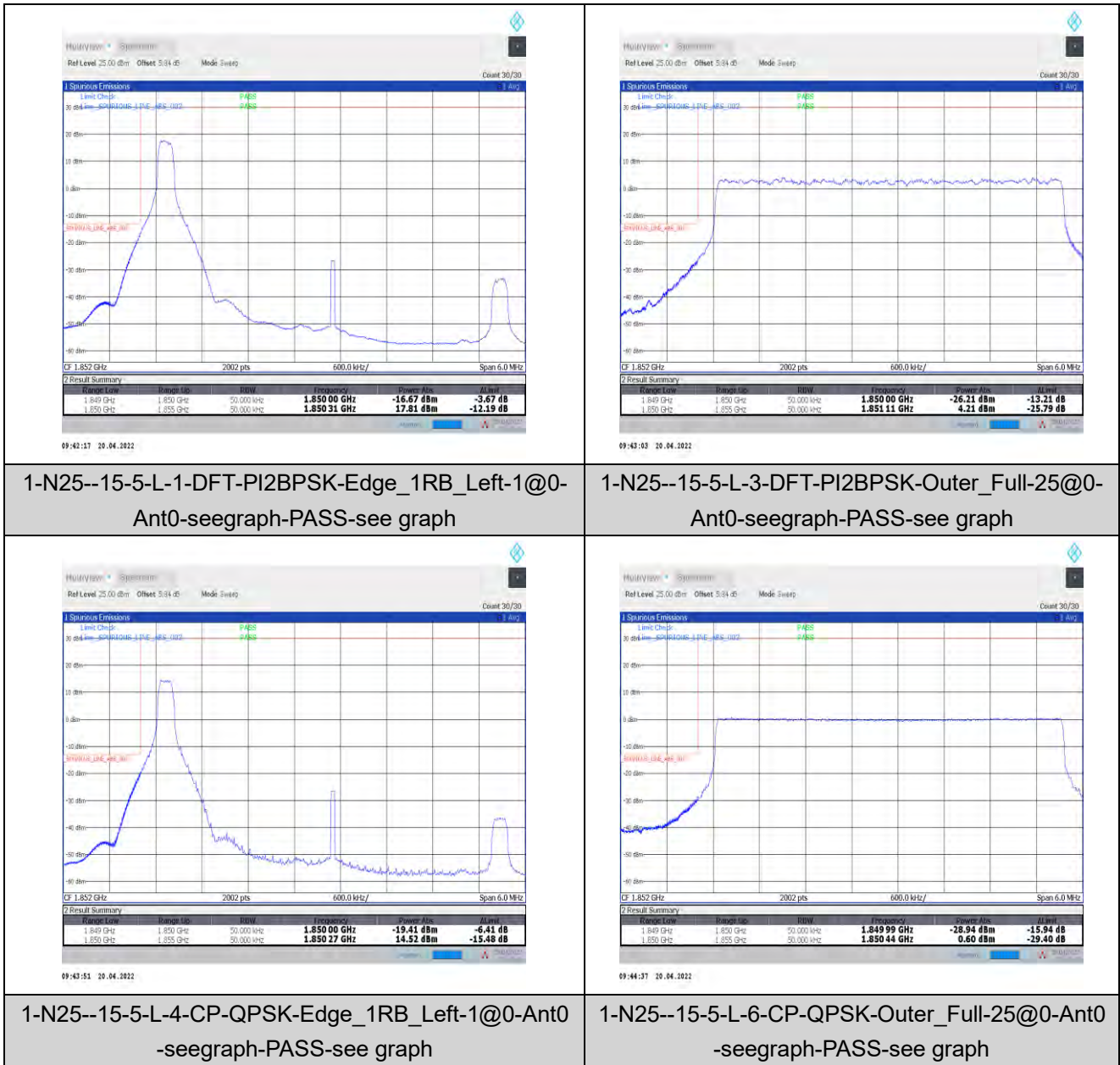
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Band Edge for SA

Test Graphs



1-N25--15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

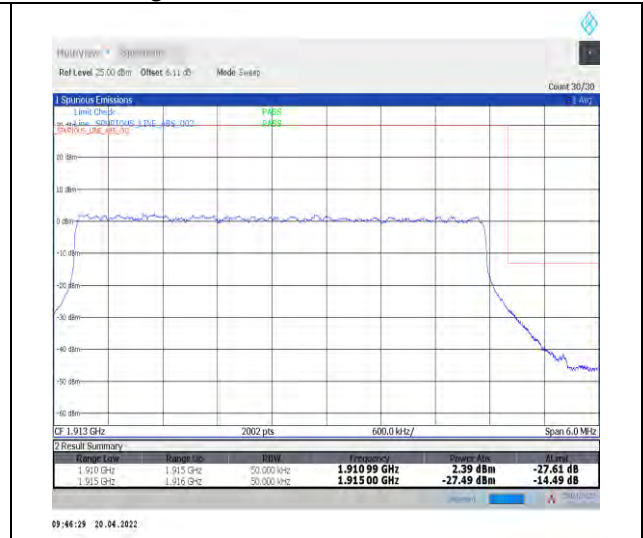
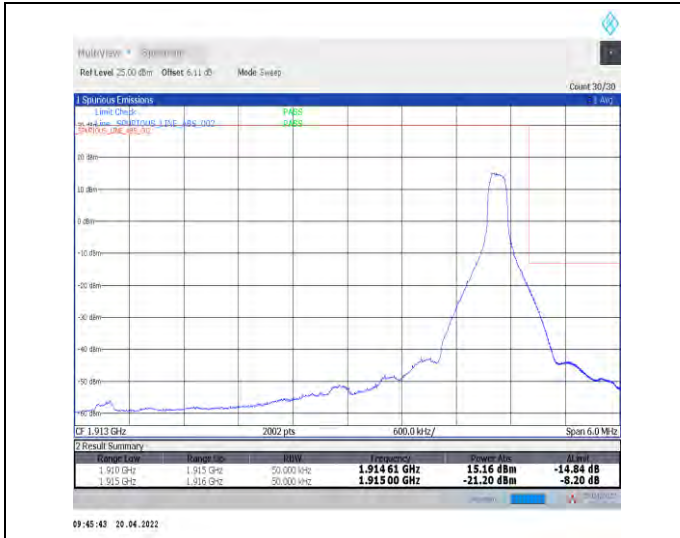
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1-N25--15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

1-N25--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-seegraph-PASS-see graph

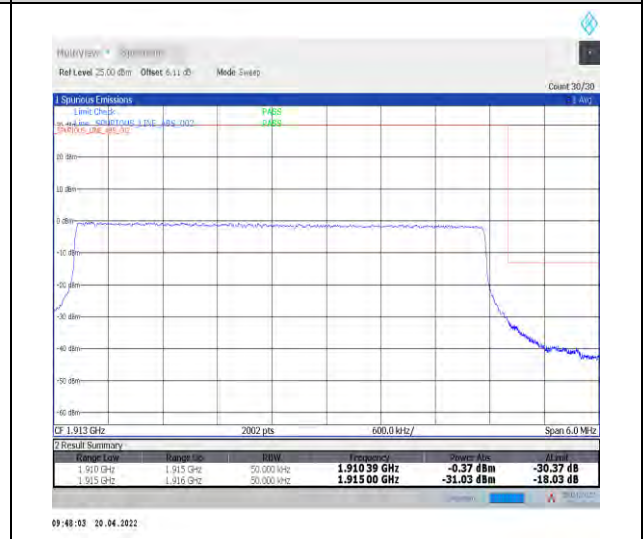
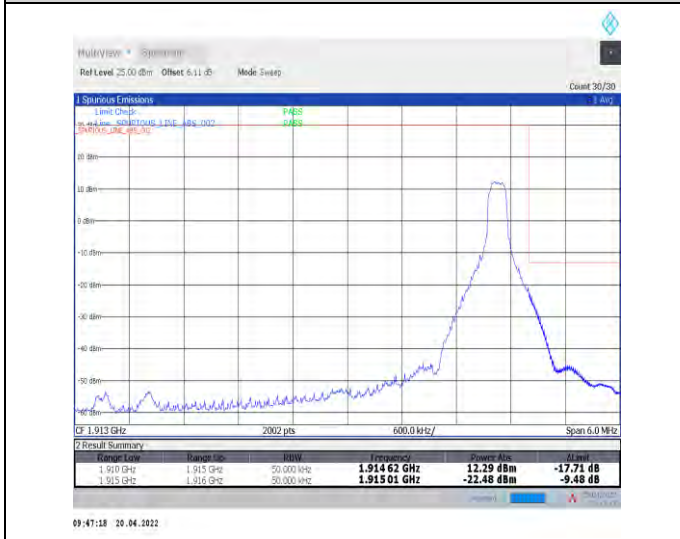


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1-N25--15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant0-seegraph-PASS-see graph

1-N25--15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant0-seegraph-PASS-see graph

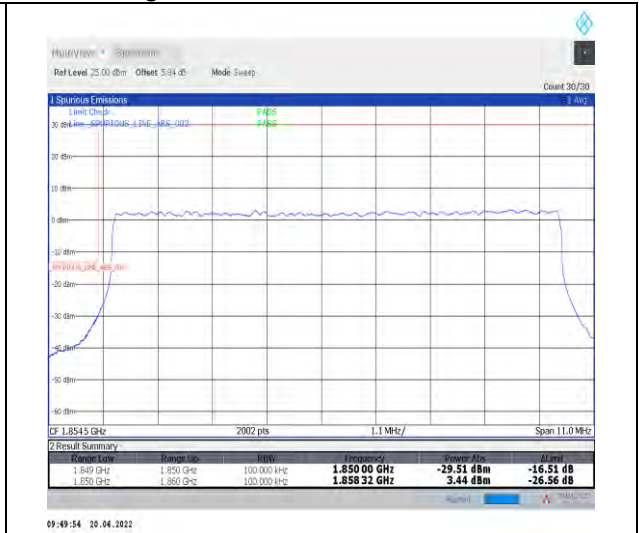
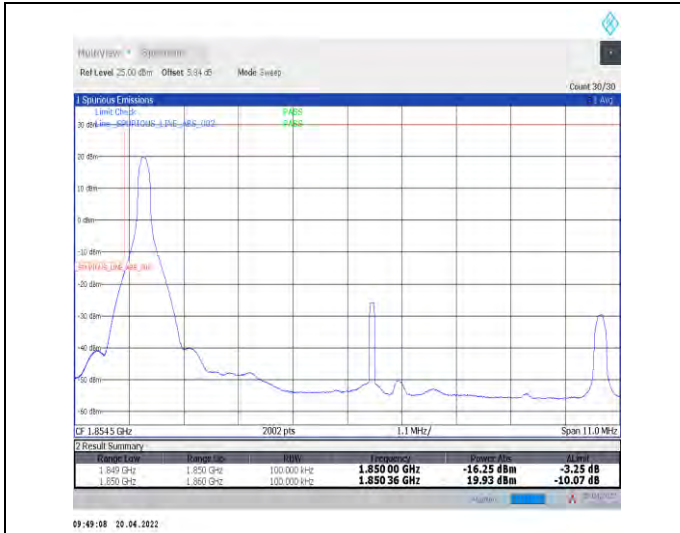


1-N25--15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant0-seegraph-PASS-see graph

1-N25--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant0-seegraph-PASS-see graph

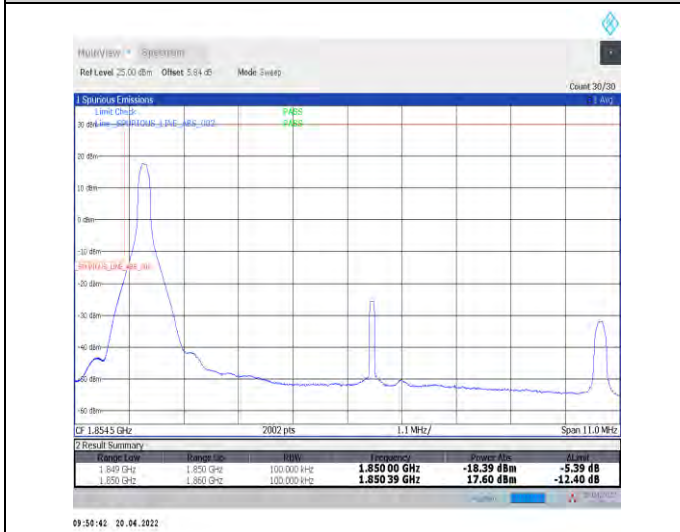


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1-N25--15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

1-N25--15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-seegraph-PASS-see graph



1-N25--15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

1-N25--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-seegraph-PASS-see graph

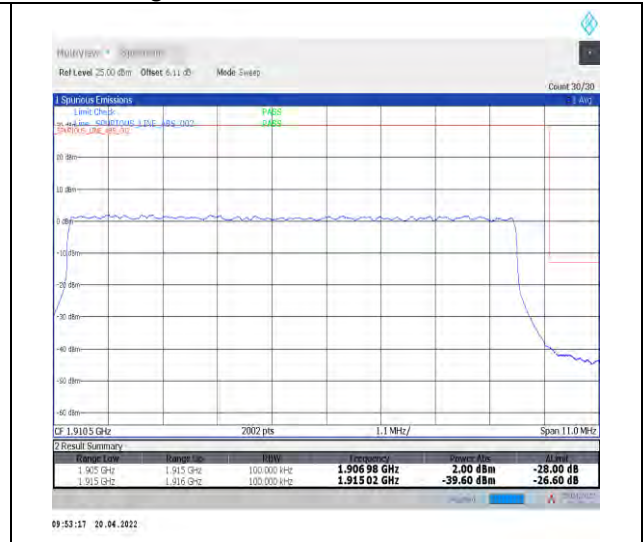
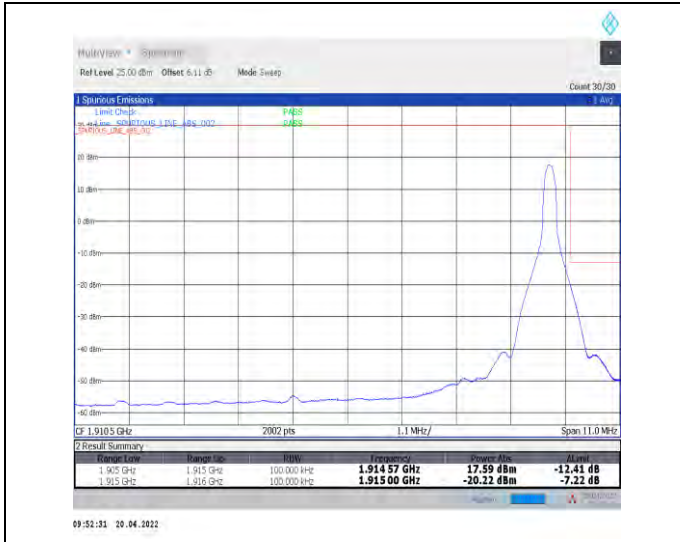


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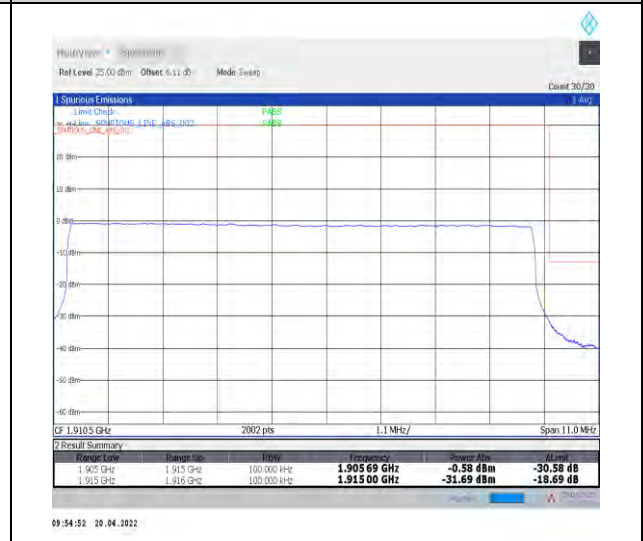
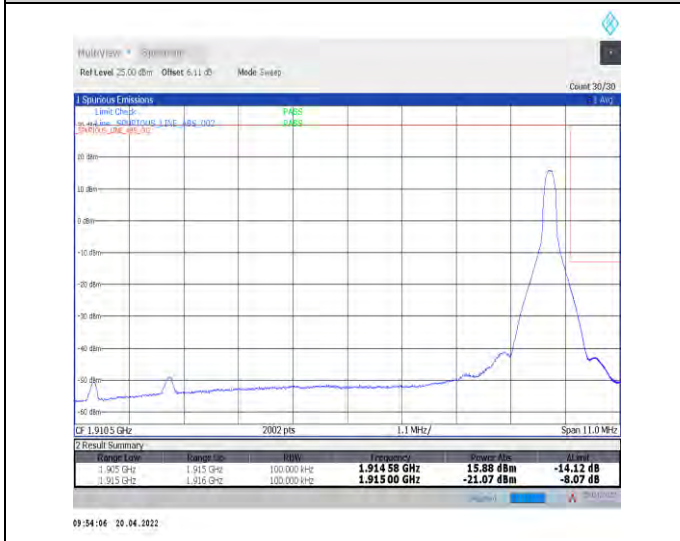
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1-N25--15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1 @51-Ant0-seegraph-PASS-see graph

1-N25--15-10-H-3-DFT-PI2BPSK-Outer_Full-50@ 0-Ant0-seegraph-PASS-see graph



1-N25--15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant0-seegraph-PASS-see graph

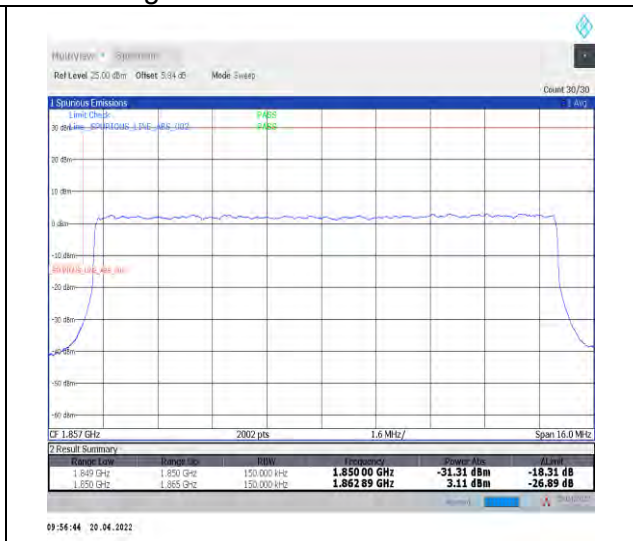
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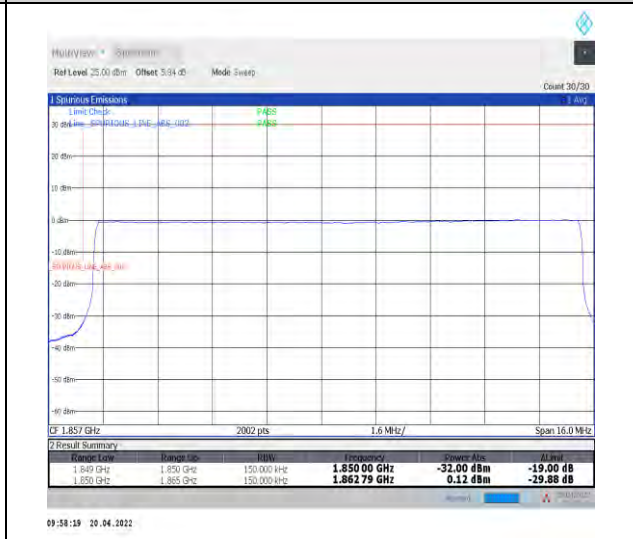
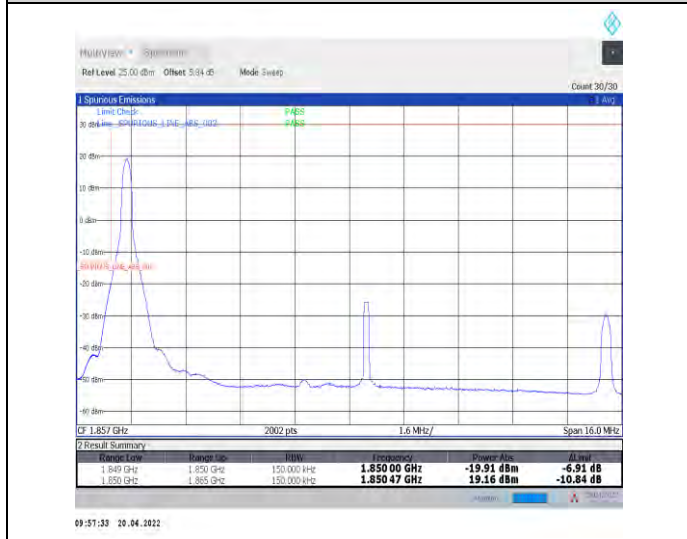
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1-N25--15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

1-N25--15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-seegraph-PASS-see graph

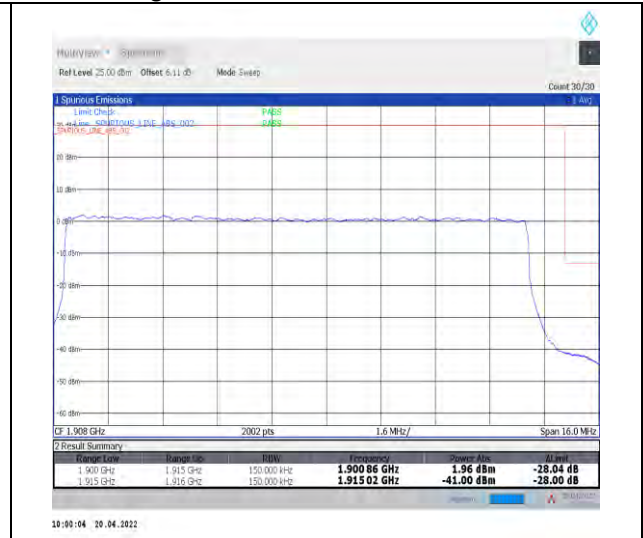
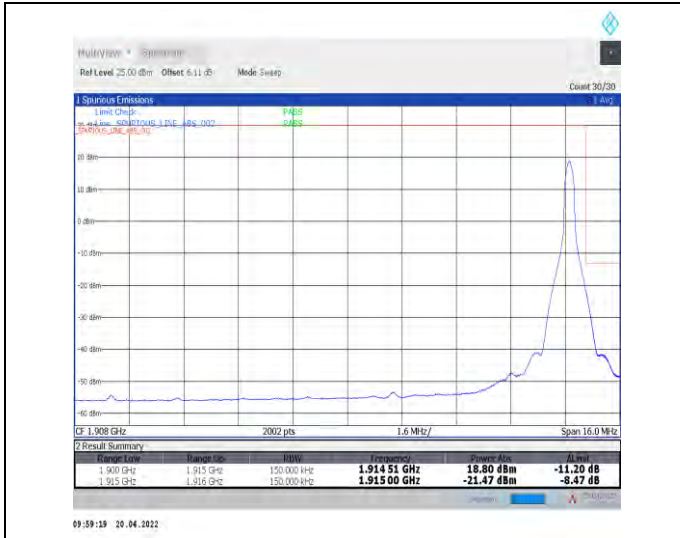


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1-N25--15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant0-seegraph-PASS-see graph

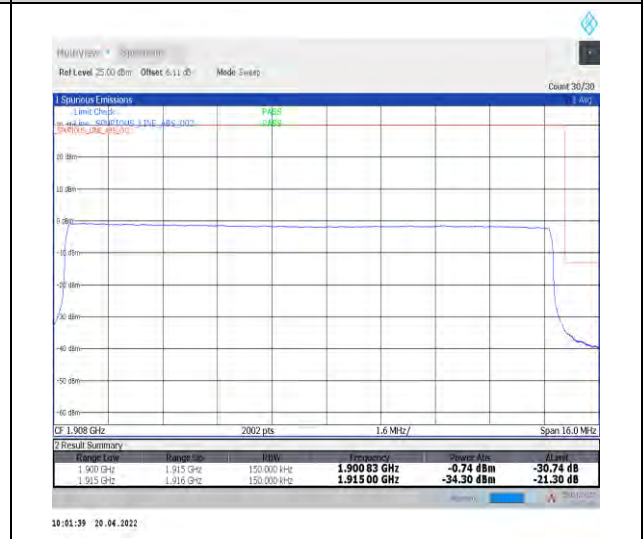
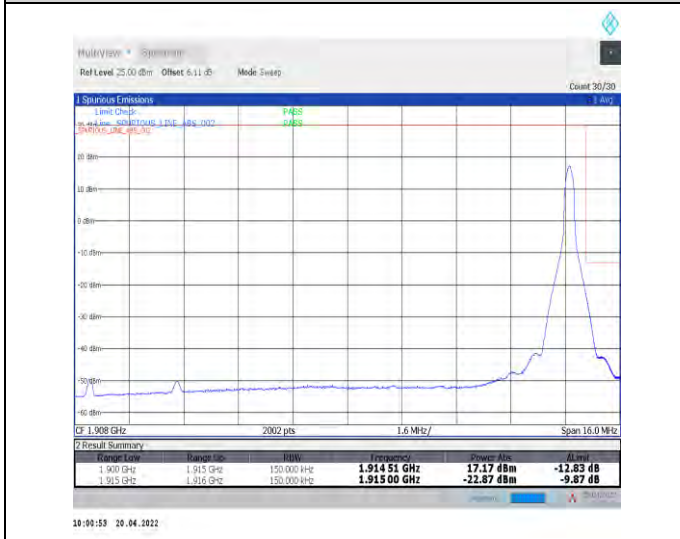


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1-N25--15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant0-seegraph-PASS-see graph

1-N25--15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-seegraph-PASS-see graph



1-N25--15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant0-seegraph-PASS-see graph

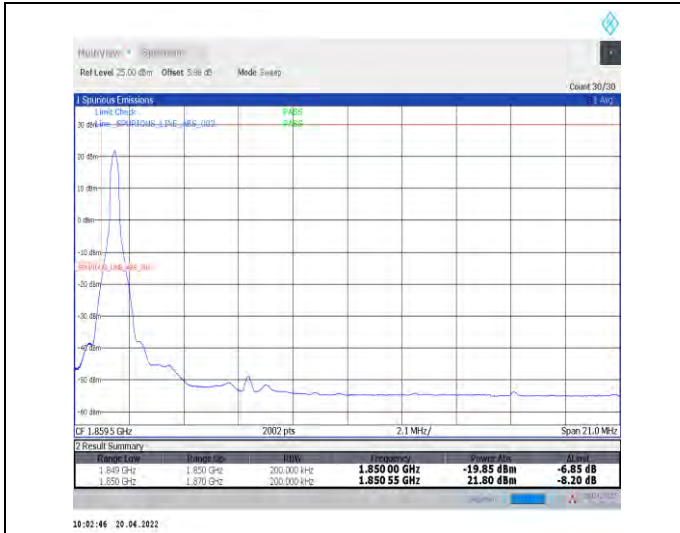
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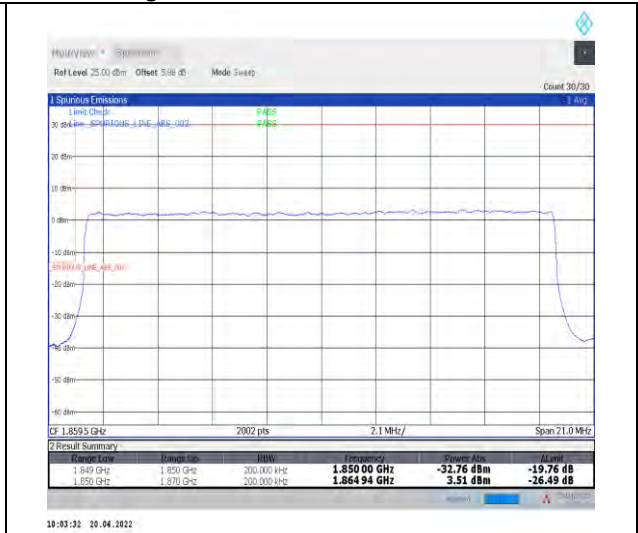
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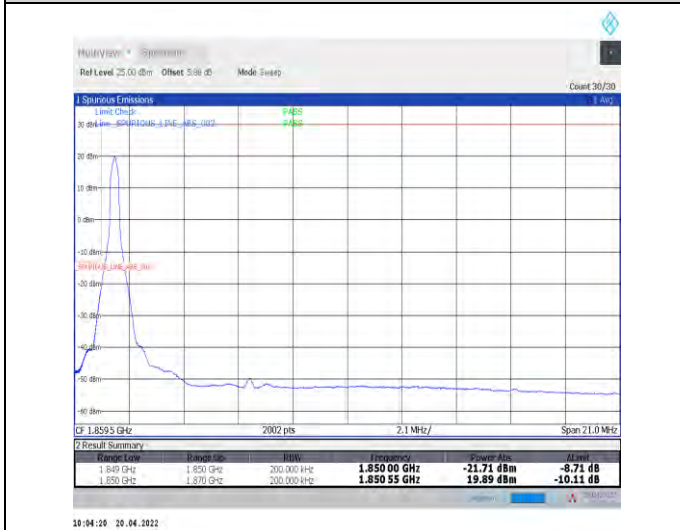
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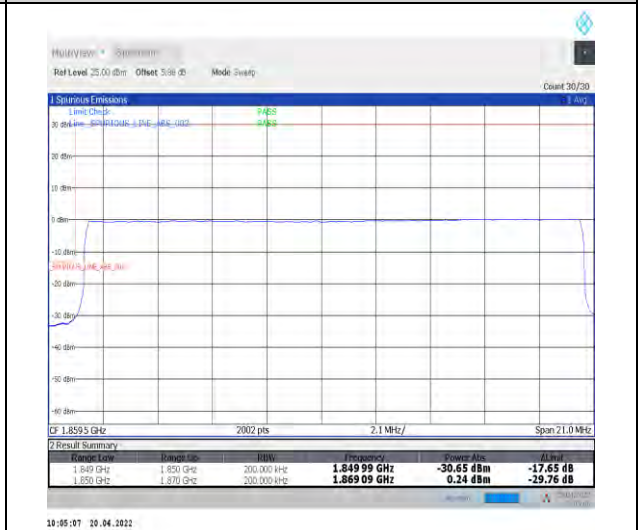
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1-N25--15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph



1-N25--15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant0-seegraph-PASS-see graph

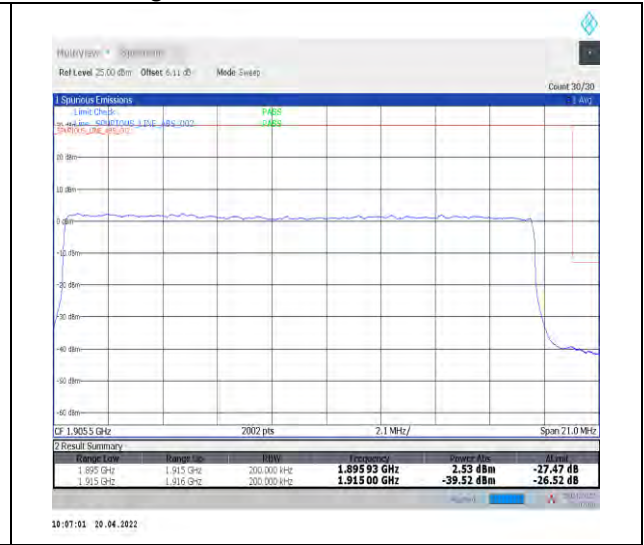
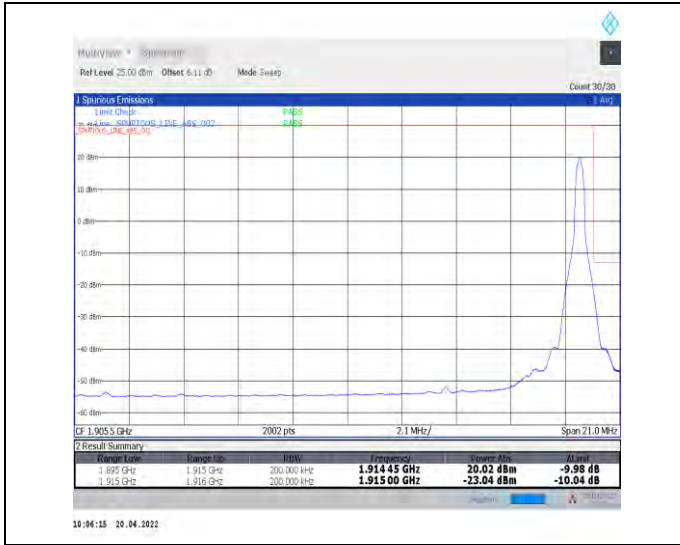


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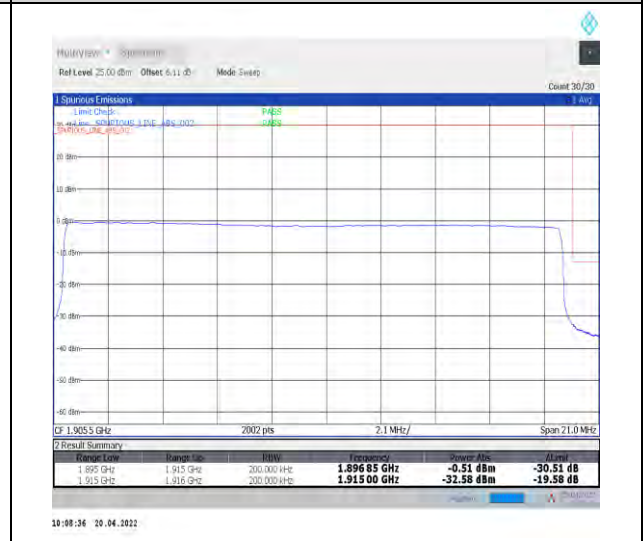
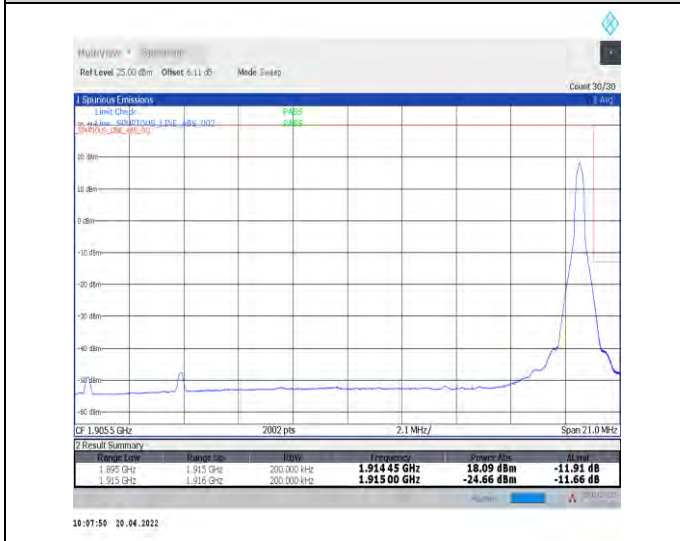
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1-N25--15-20-H-3-DFT-PI2BPSK-Outer_Full-100 @0-Ant0-seegraph-PASS-see graph



1-N25--15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105 -Ant0-seegraph-PASS-see graph

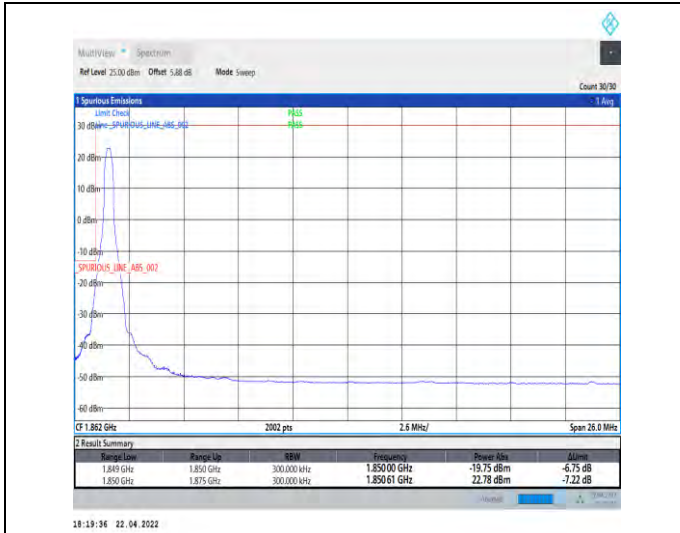
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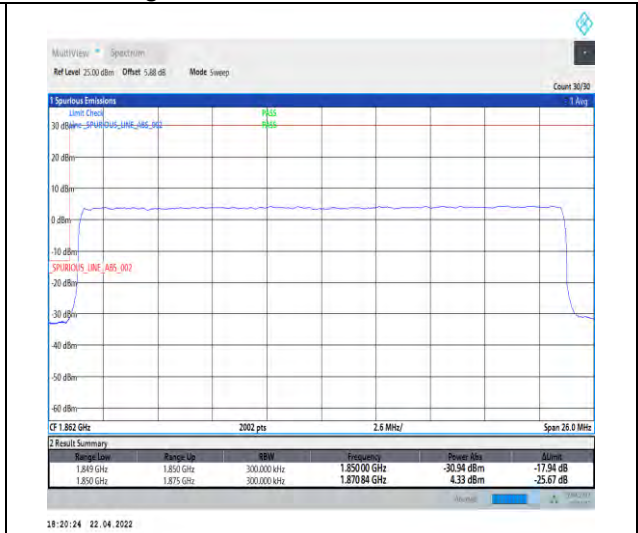
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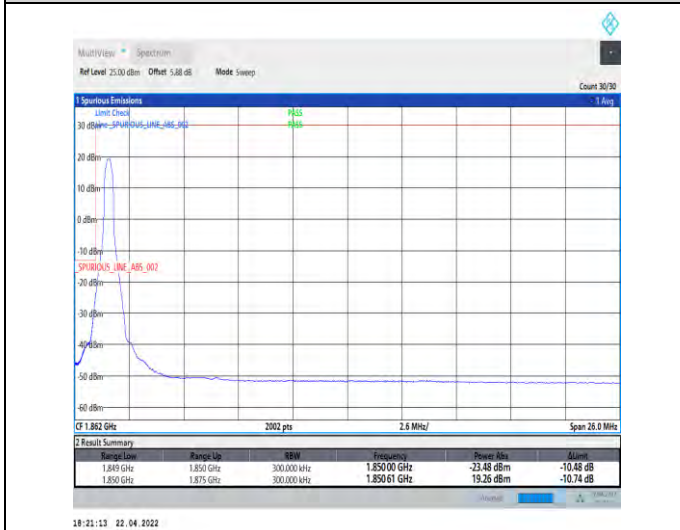
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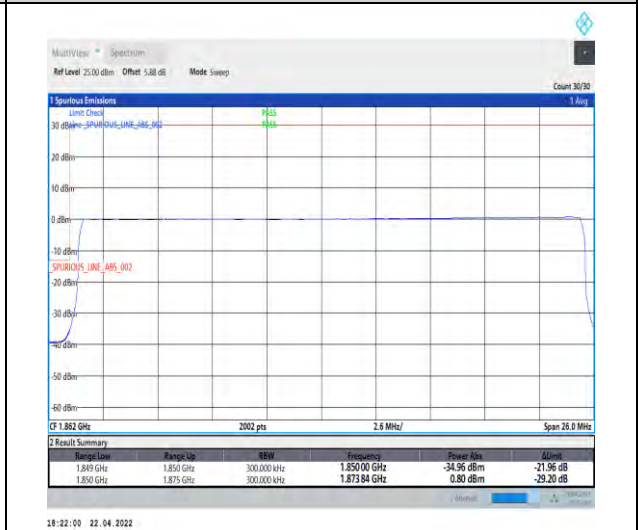
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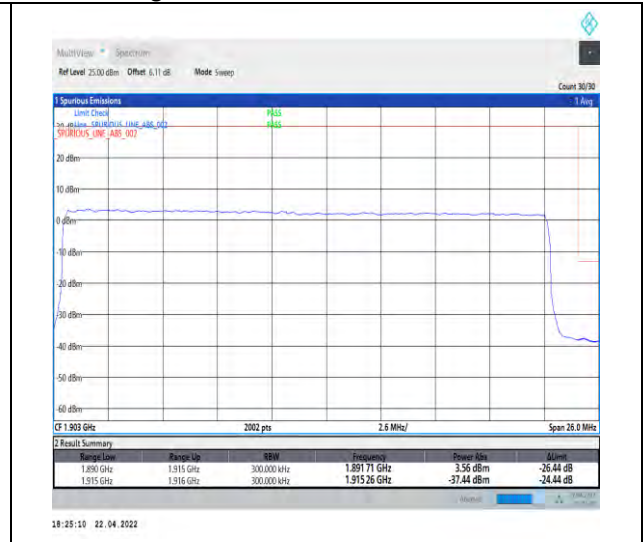
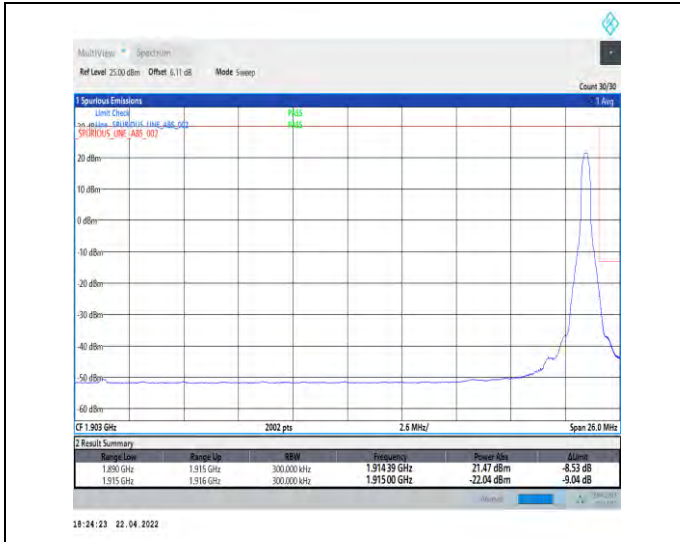


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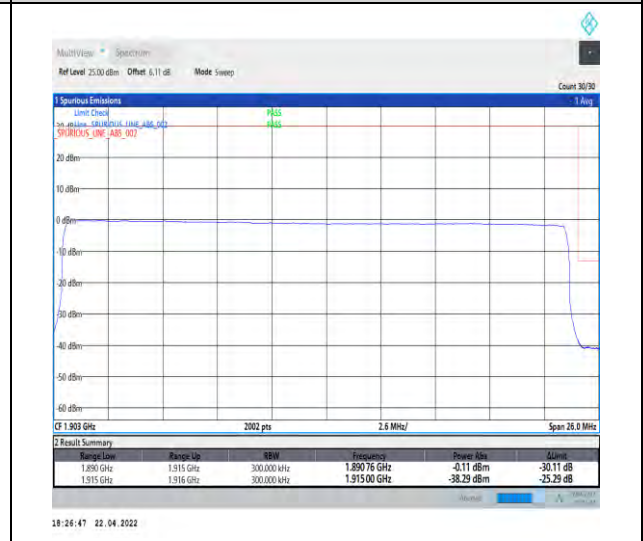
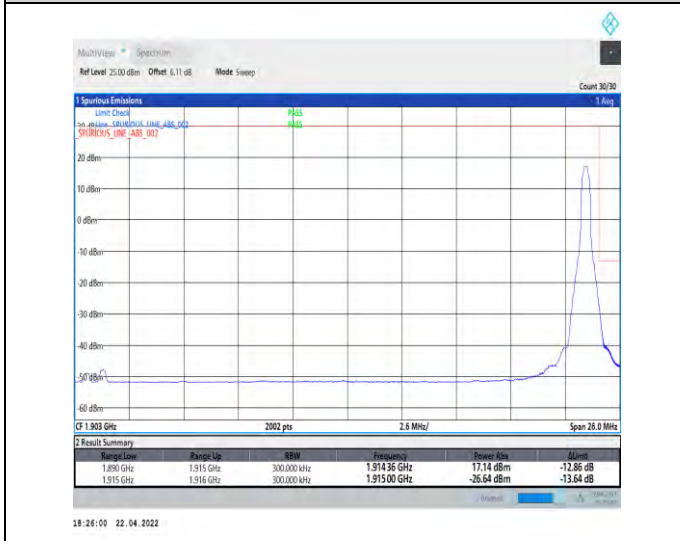
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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000

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



1-N25--15-25-H-2-DFT-PI2BPSK-Edge_1RB_Right-1 @132-Ant0-seegraph-PASS-see graph

1-N25--15-25-H-3-DFT-PI2BPSK-Outer_Full-128 @0-Ant0-seegraph-PASS-see graph



1-N25--15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132 -Ant0-seegraph-PASS-see graph

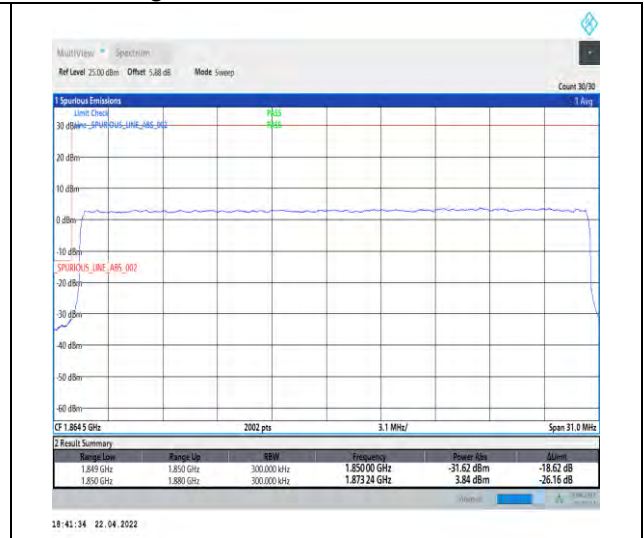
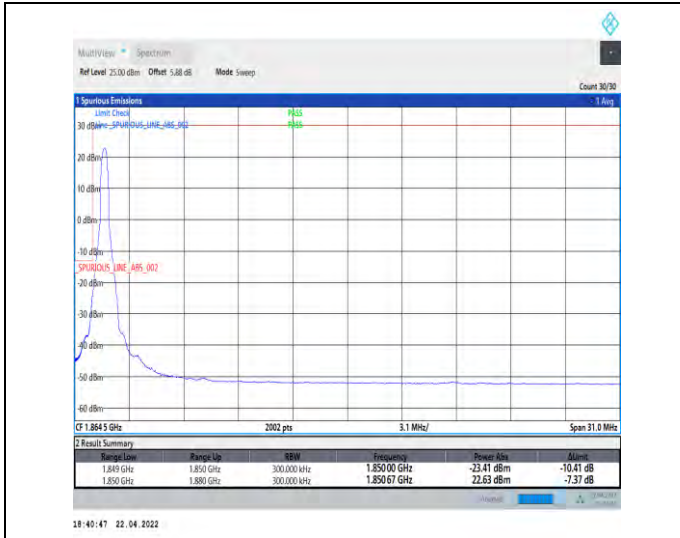
1-N25--15-25-H-6-CP-QPSK-Outer_Full-133@0-A nt0-seegraph-PASS-see graph



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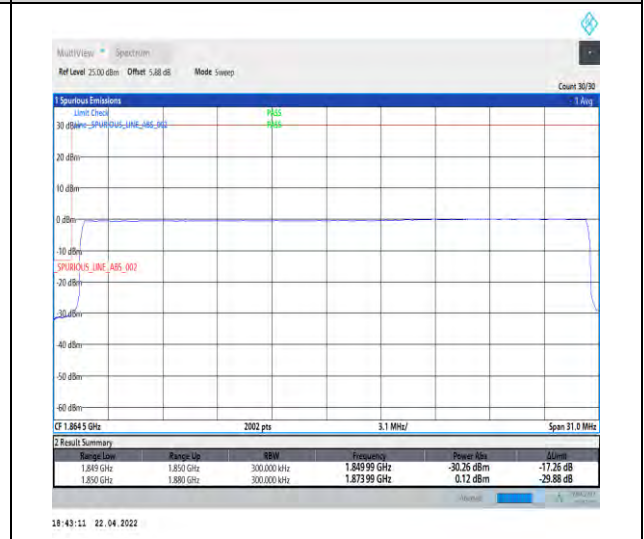
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1-N25--15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

1-N25--15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant0-seegraph-PASS-see graph



1-N25--15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

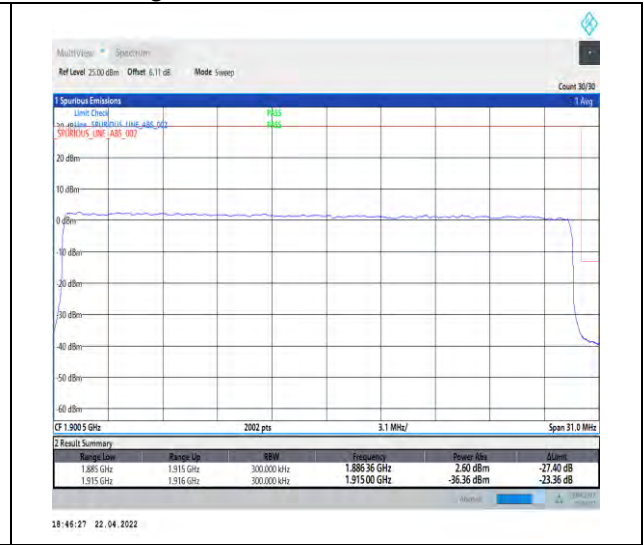
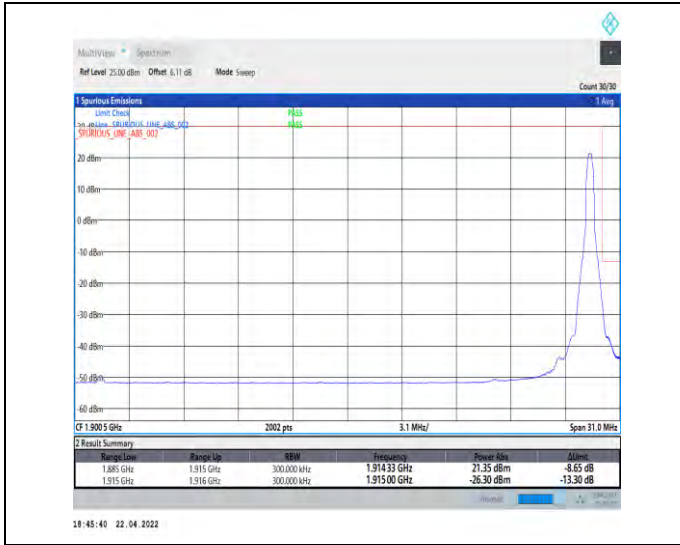
1-N25--15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant0-seegraph-PASS-see graph



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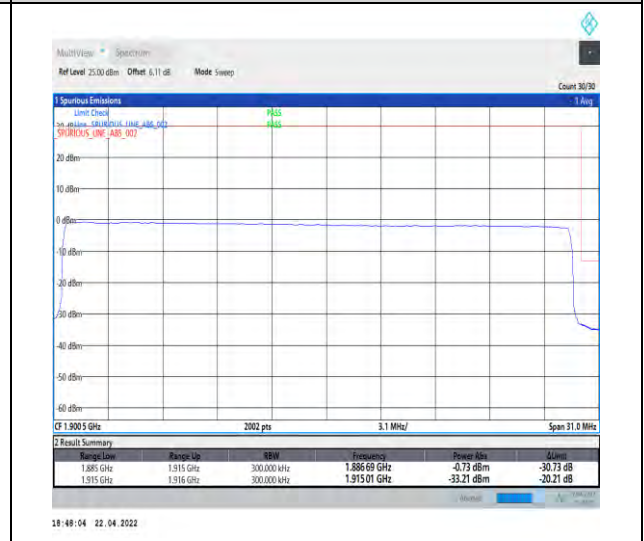
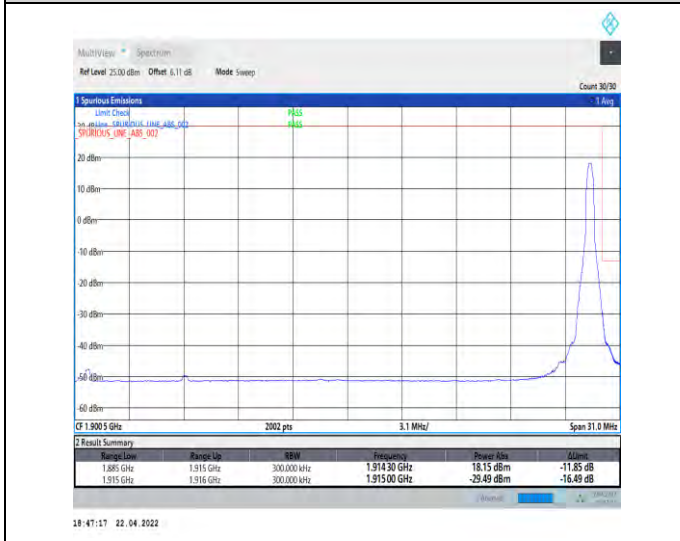
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1-N25--15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1 @159-Ant0-seegraph-PASS-see graph

1-N25--15-30-H-3-DFT-PI2BPSK-Outer_Full-160 @0-Ant0-seegraph-PASS-see graph



1-N25--15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159 -Ant0-seegraph-PASS-see graph

1-N25--15-30-H-6-CP-QPSK-Outer_Full-160@0-A -nt0-seegraph-PASS-see graph



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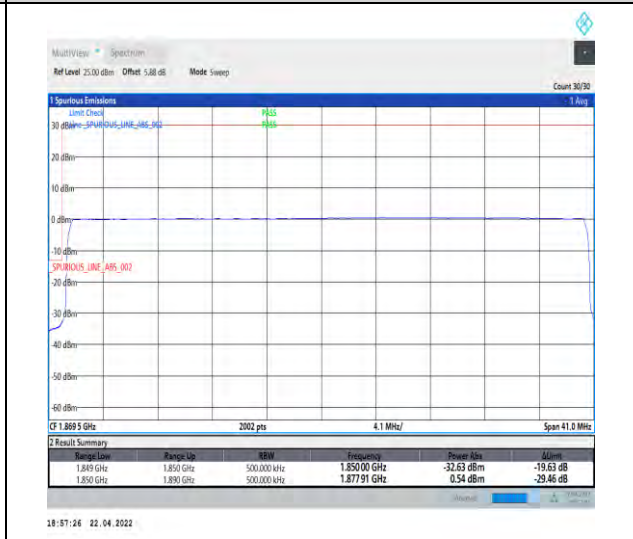
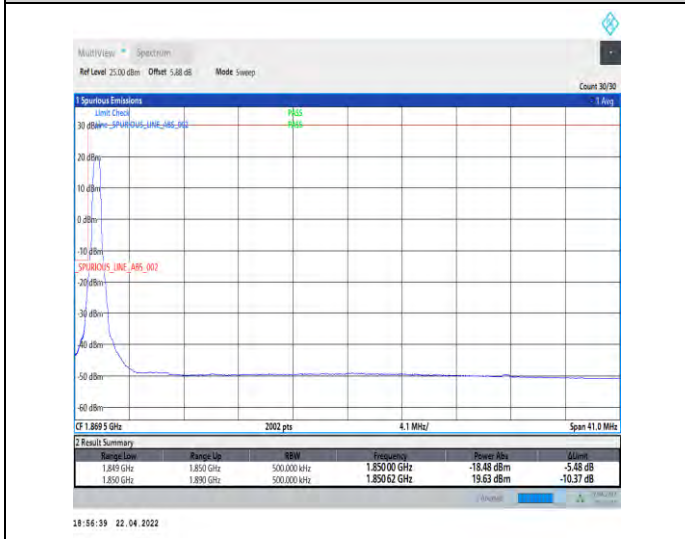
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1-N25--15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

1-N25--15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant0-seegraph-PASS-see graph



1-N25--15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-seegraph-PASS-see graph

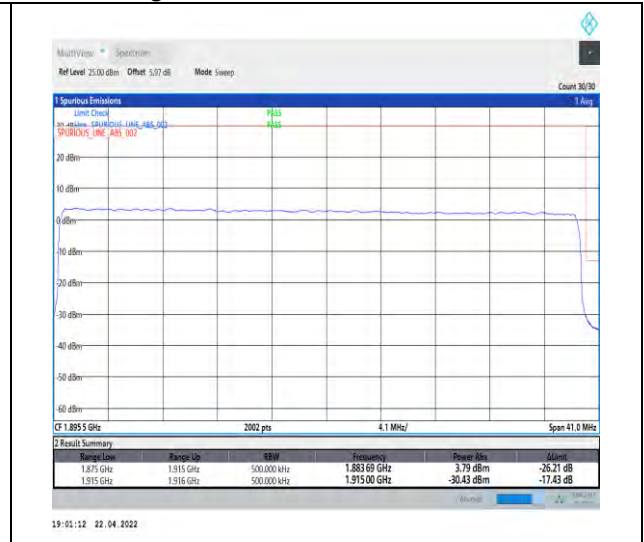
1-N25--15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant0-seegraph-PASS-see graph



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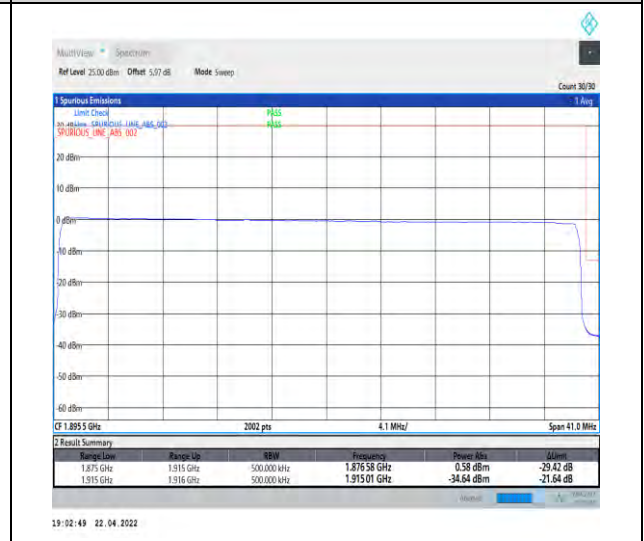
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1-N25--15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1 @215-Ant0-seegraph-PASS-see graph

1-N25--15-40-H-3-DFT-PI2BPSK-Outer_Full-216 @0-Ant0-seegraph-PASS-see graph



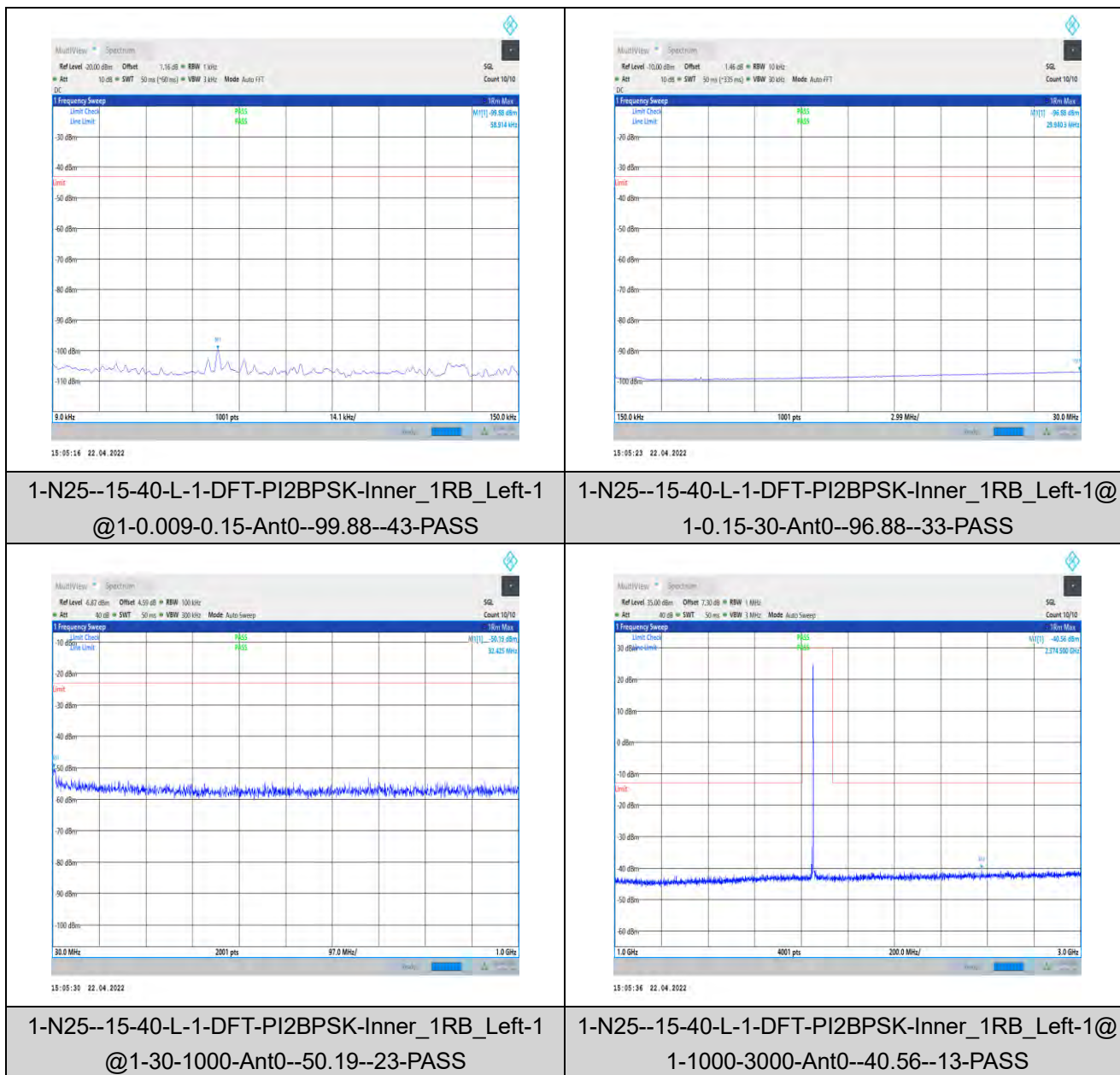
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1-N25--15-40-H-6-CP-QPSK-Outer_Full-216@0-A nt0-seegraph-PASS-see graph



Conducted Spurious Emission for SA

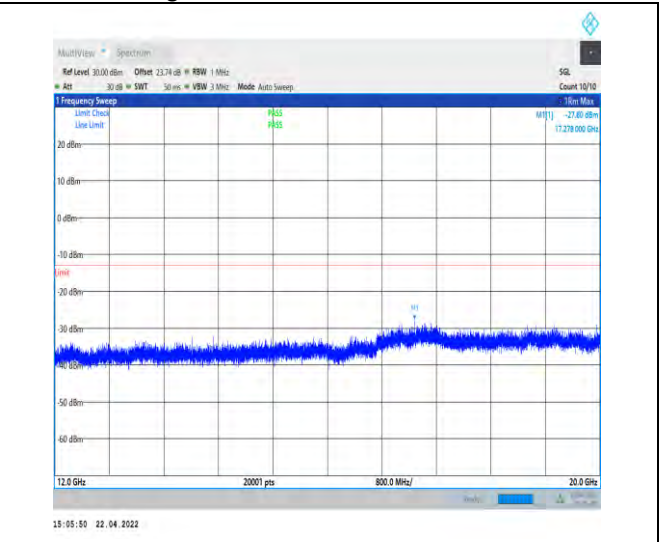
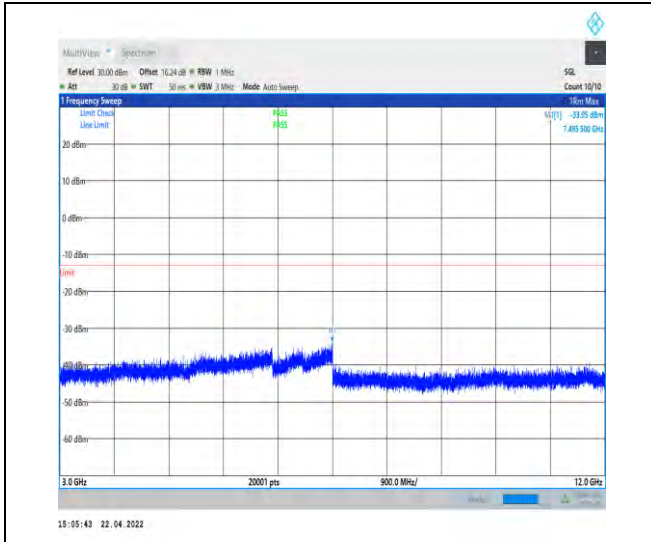
Test Graphs



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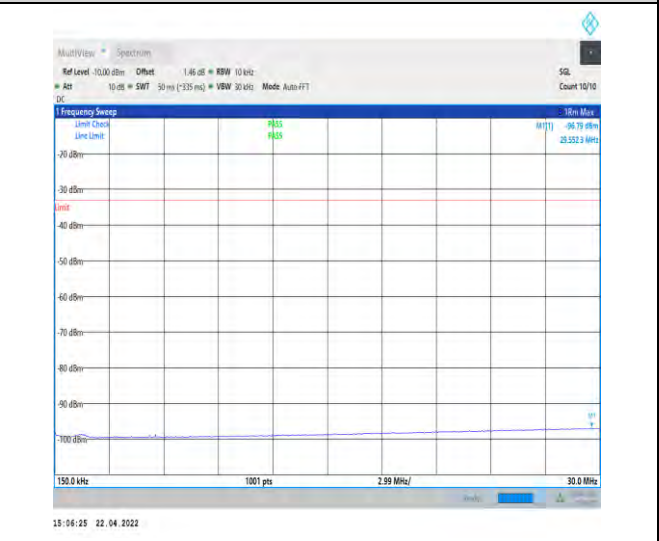
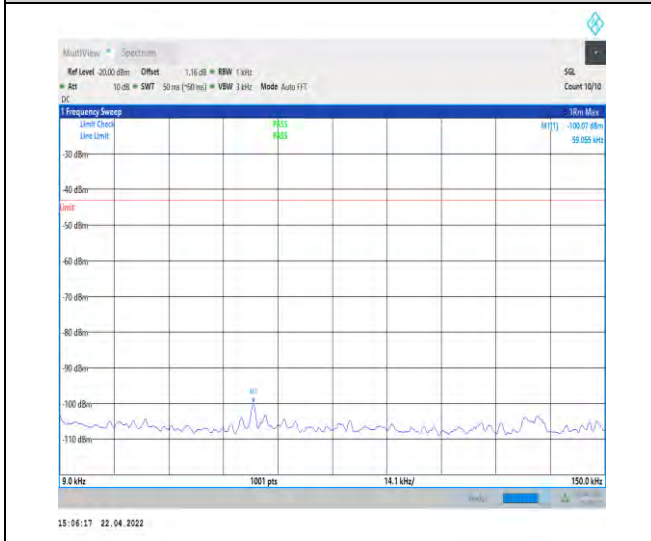
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1-N25--15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0--33.95--13-PASS

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1-12000-20000-Ant0--27.80--13-PASS



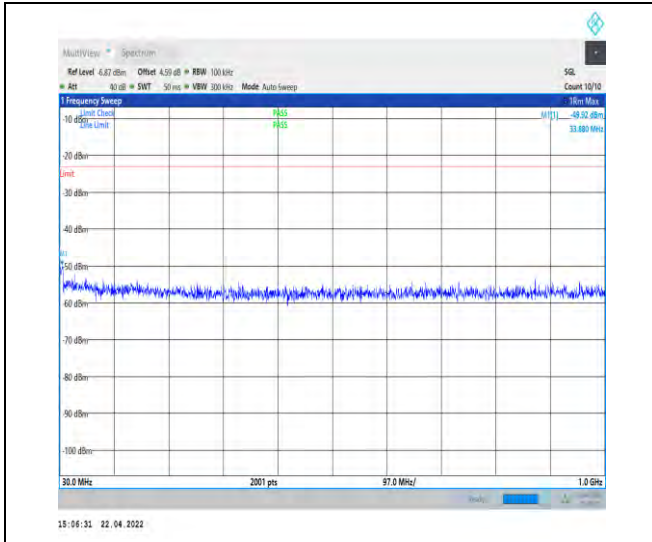
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@1-0.15-30-Ant0--96.79--33-PASS

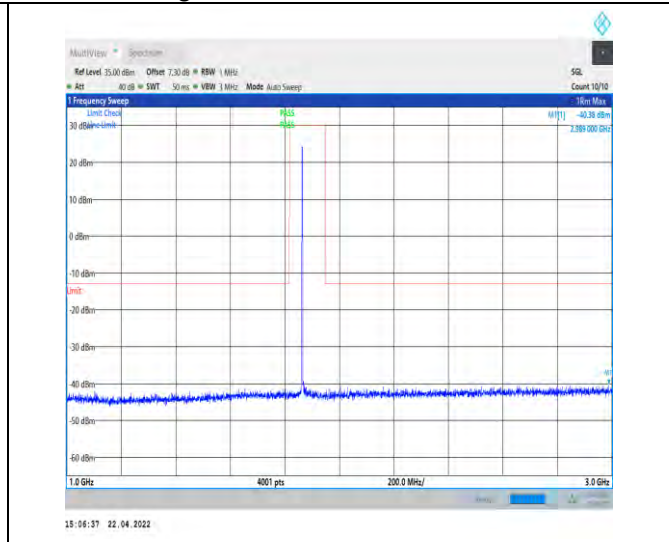


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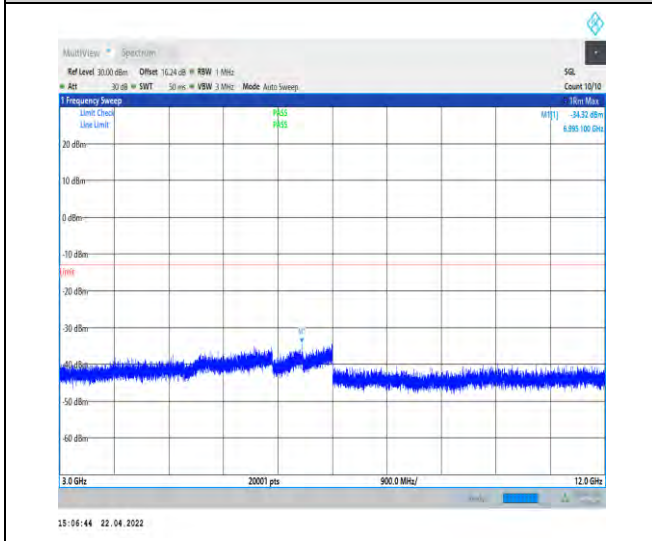
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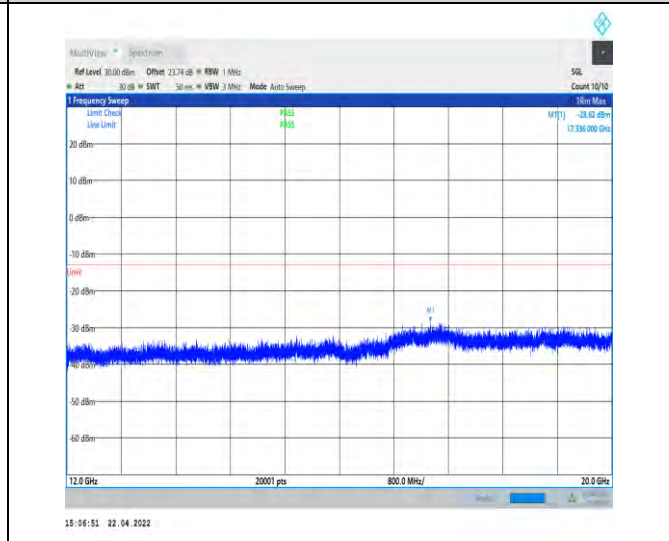
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 @1-30-1000-Ant0--49.92--23-PASS



1-N25--15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
 @1-1000-3000-Ant0--40.38--13-PASS

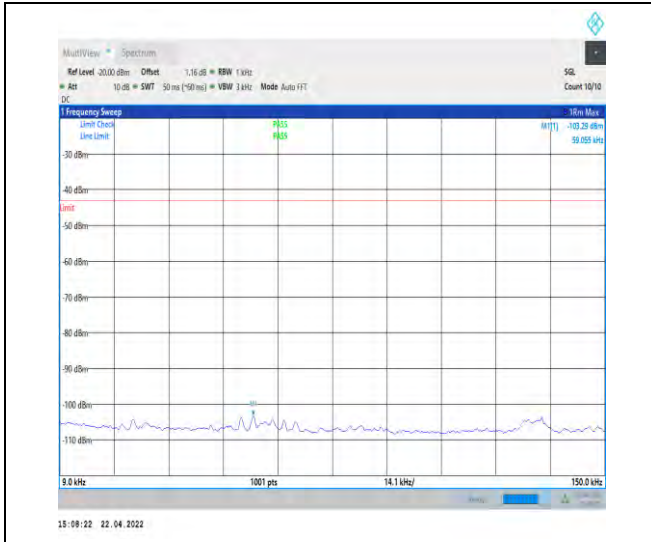


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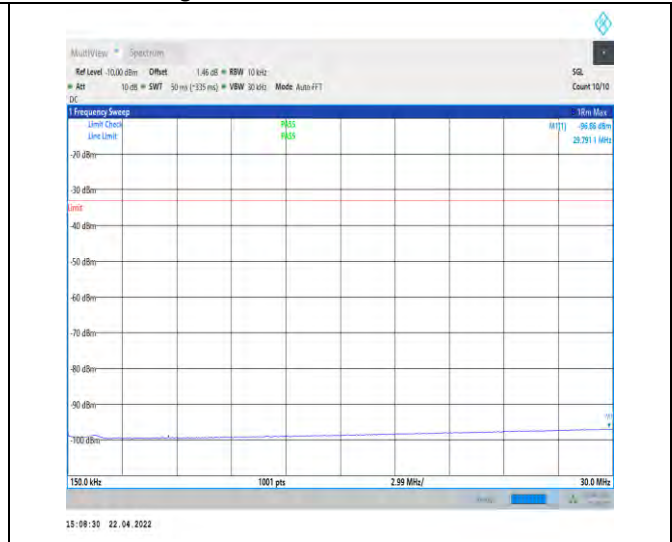


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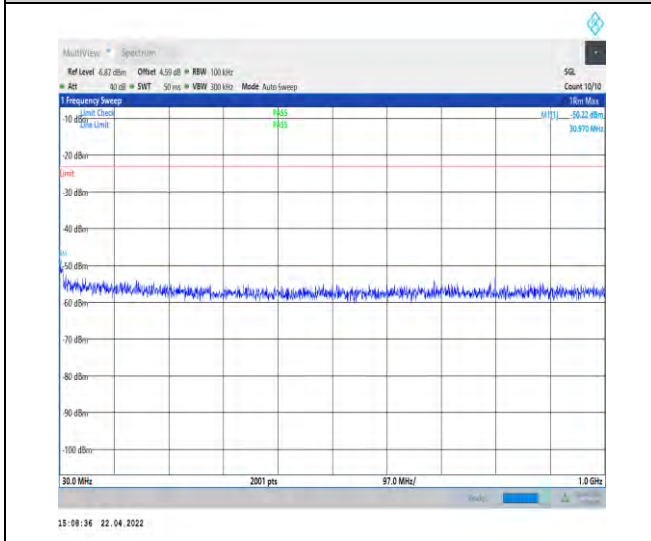




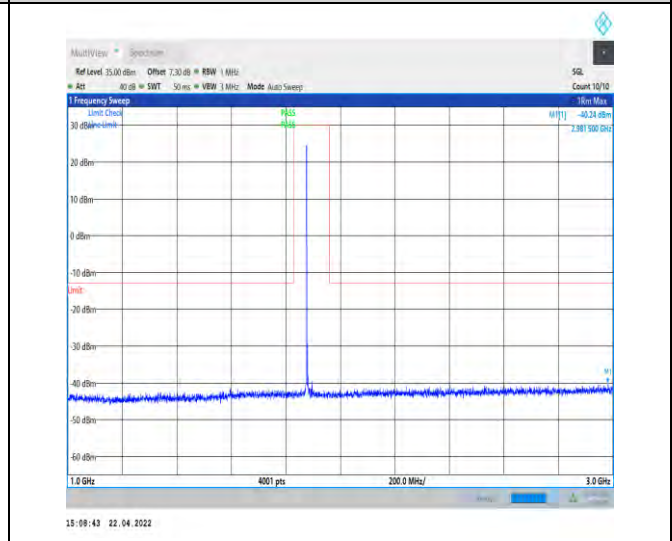
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@1-0.009-0.15-Ant0--103.29--43-PASS



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@1-0.15-30-Ant0--96.86--33-PASS



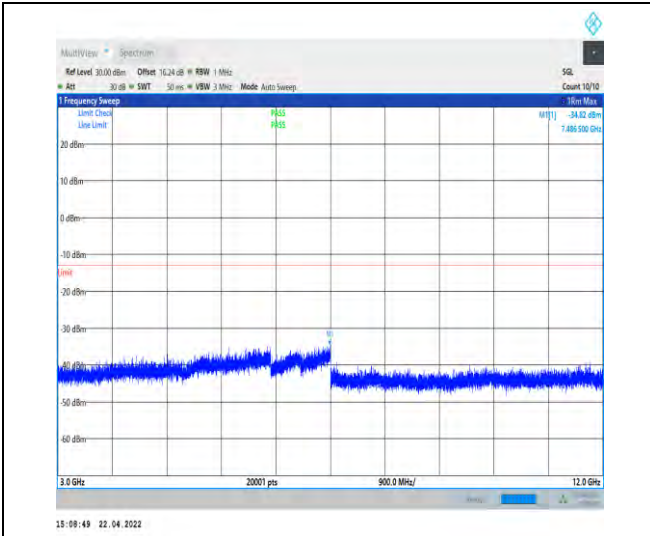
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@1-30-1000-Ant0--50.22--23-PASS



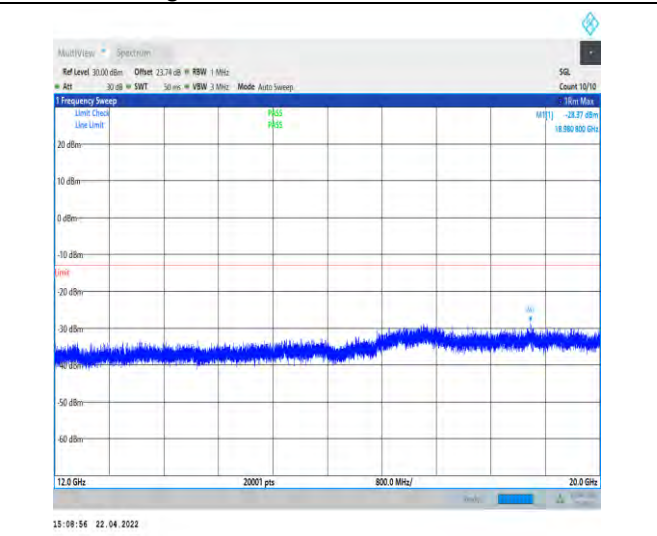
1-N25--15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant0--40.24--13-PASS



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@1-3000-12000-Ant0--34.82--13-PASS



1-N25--15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-20000-Ant0--28.37--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 25_ TM1
 Test Channel = Low Channel

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3704.18 | 47.71 | -111.06 | -63.35 | -13.00 | 50.35 | 142 | 85 | Horizontal |
| 2 | 5556.27 | 49.91 | -106.35 | -56.44 | -13.00 | 43.44 | 263 | 132 | Horizontal |
| 3 | 7408.36 | 47.69 | -100.76 | -53.07 | -13.00 | 40.07 | 251 | 65 | Horizontal |
| 4 | 9260.45 | 46.77 | -95.08 | -48.31 | -13.00 | 35.31 | 178 | 245 | Horizontal |
| 5 | 11112.54 | 41.87 | -91.10 | -49.23 | -13.00 | 36.23 | 265 | 255 | Horizontal |
| 6 | 12964.63 | 42.13 | -90.59 | -48.46 | -13.00 | 35.46 | 284 | 329 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3704.18 | 47.83 | -111.06 | -63.23 | -13.00 | 50.23 | 163 | 230 | Vertical |
| 2 | 5556.27 | 49.50 | -106.35 | -56.85 | -13.00 | 43.85 | 100 | 357 | Vertical |
| 3 | 7408.36 | 48.48 | -100.76 | -52.28 | -13.00 | 39.28 | 174 | 357 | Vertical |
| 4 | 9260.45 | 46.33 | -95.08 | -48.75 | -13.00 | 35.75 | 262 | 1 | Vertical |
| 5 | 11112.54 | 43.16 | -91.10 | -47.94 | -13.00 | 34.94 | 244 | 312 | Vertical |
| 6 | 12964.63 | 43.43 | -90.59 | -47.16 | -13.00 | 34.16 | 188 | 6 | Vertical |



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Test Band = SA Band 25_ TM1

Test Channel = Mid Channel

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3729.18 | 47.81 | -110.93 | -63.12 | -13.00 | 50.12 | 142 | 2 | Horizontal |
| 2 | 5593.77 | 49.63 | -106.22 | -56.59 | -13.00 | 43.59 | 265 | 294 | Horizontal |
| 3 | 7458.36 | 46.79 | -100.54 | -53.75 | -13.00 | 40.75 | 251 | 47 | Horizontal |
| 4 | 9322.95 | 46.55 | -95.03 | -48.48 | -13.00 | 35.48 | 144 | 16 | Horizontal |
| 5 | 11187.54 | 42.75 | -90.86 | -48.11 | -13.00 | 35.11 | 185 | 327 | Horizontal |
| 6 | 13052.13 | 43.76 | -90.31 | -46.55 | -13.00 | 33.55 | 265 | 228 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3729.18 | 48.00 | -110.93 | -62.93 | -13.00 | 49.93 | 142 | 357 | Vertical |
| 2 | 5593.77 | 51.18 | -106.22 | -55.04 | -13.00 | 42.04 | 263 | 313 | Vertical |
| 3 | 7458.36 | 46.25 | -100.54 | -54.29 | -13.00 | 41.29 | 255 | 265 | Vertical |
| 4 | 9322.95 | 47.23 | -95.03 | -47.80 | -13.00 | 34.80 | 177 | 329 | Vertical |
| 5 | 11187.54 | 42.51 | -90.86 | -48.35 | -13.00 | 35.35 | 266 | 82 | Vertical |
| 6 | 13052.13 | 43.60 | -90.31 | -46.71 | -13.00 | 33.71 | 211 | 8 | Vertical |



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

Test Band = SA Band 25_ TM1
Test Channel = High Channel

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3754.18 | 48.21 | -110.80 | -62.59 | -13.00 | 49.59 | 263 | 96 | Horizontal |
| 2 | 5631.27 | 49.69 | -106.06 | -56.37 | -13.00 | 43.37 | 251 | 80 | Horizontal |
| 3 | 7508.36 | 47.54 | -100.31 | -52.77 | -13.00 | 39.77 | 178 | 96 | Horizontal |
| 4 | 9385.45 | 47.03 | -94.89 | -47.86 | -13.00 | 34.86 | 268 | 329 | Horizontal |
| 5 | 11262.54 | 43.34 | -91.13 | -47.79 | -13.00 | 34.79 | 148 | 0 | Horizontal |
| 6 | 13139.63 | 43.97 | -90.18 | -46.21 | -13.00 | 33.21 | 144 | 243 | Horizontal |

| Final Data List | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3754.18 | 46.92 | -110.80 | -63.88 | -13.00 | 50.88 | 263 | 9 | Vertical |
| 2 | 5631.27 | 50.12 | -106.06 | -55.94 | -13.00 | 42.94 | 284 | 3 | Vertical |
| 3 | 7508.36 | 48.22 | -100.31 | -52.09 | -13.00 | 39.09 | 175 | 182 | Vertical |
| 4 | 9385.45 | 45.80 | -94.89 | -49.09 | -13.00 | 36.09 | 298 | 118 | Vertical |
| 5 | 11262.54 | 44.14 | -91.13 | -46.99 | -13.00 | 33.99 | 244 | 213 | Vertical |
| 6 | 13139.63 | 42.97 | -90.18 | -47.21 | -13.00 | 34.21 | 144 | 345 | Vertical |



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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 |
|------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | VH | NT | 4.800000 | 0.002550 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | VN | NT | 4.100000 | 0.002178 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | VL | NT | 2.300000 | 0.001222 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | VH | NT | 2.300000 | 0.001222 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | VN | NT | 10.500000 | 0.005578 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | VL | NT | 5.900000 | 0.003134 | PASS |



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Frequency Error VS. Temperature

| Temperature | | | | | | | | | | |
|-------------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | -30 | 9.300000 | 0.004940 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | -20 | 8.400000 | 0.004462 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | -10 | 15.400000 | 0.008181 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 0 | 18.800000 | 0.009987 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 10 | 17.600000 | 0.009349 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 20 | 15.000000 | 0.007968 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 30 | 16.400000 | 0.008712 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 40 | 11.600000 | 0.006162 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 50 | 5.100000 | 0.002709 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | -30 | 3.400000 | 0.001806 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | -20 | 12.000000 | 0.006375 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | -10 | 3.900000 | 0.002072 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 0 | 5.200000 | 0.002762 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 10 | 6.300000 | 0.003347 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 20 | 4.100000 | 0.002178 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 30 | 10.600000 | 0.005631 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 40 | 4.200000 | 0.002231 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 50 | 8.700000 | 0.004622 | PASS |

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