



1-N25-15-20-M-3-DFT-16QAM-Outer_Full-100@0-A
nt1-17.875-18.760-≤20-PASS



1-N25-15-20-M-4-DFT-64QAM-Outer_Full-100@0-A
nt1-17.868-18.720-≤20-PASS



1-N25-15-20-M-5-DFT-256QAM-Outer_Full-100@0-A
Ant1-17.861-18.640-≤20-PASS

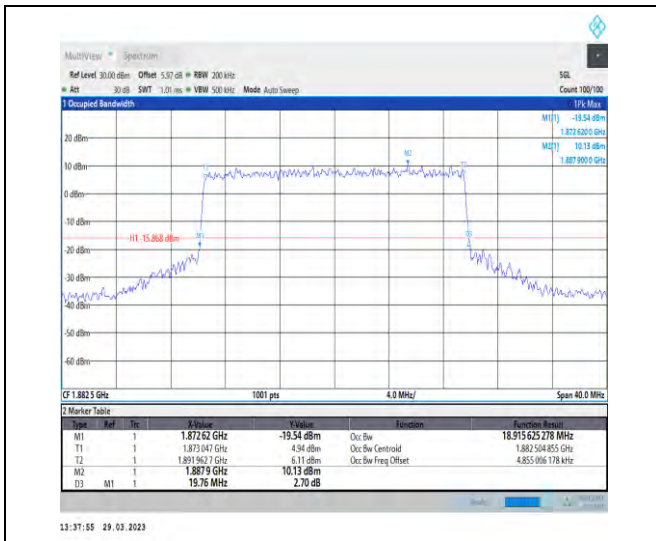


1-N25-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1
-18.925-19.800-≤20-PASS



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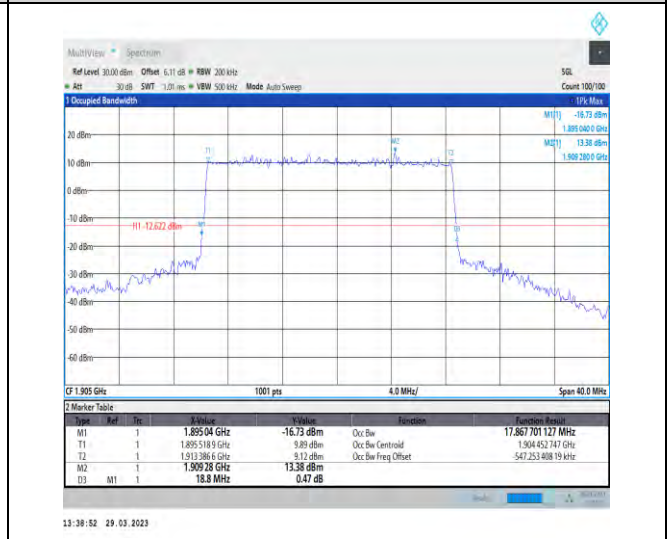
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1-18.916-19.760-≤20-PASS



1-N25-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-18.907-19.720-≤20-PASS



1-N25-15-20-M-9-CP-256QAM-Outer_Full-106@0-A
nt1-18.856-19.720-≤20-PASS



1-N25-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.868-18.800-≤20-PASS



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1-N25-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.879-18.720-<=20-PASS

1-N25-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.857-18.680-<=20-PASS



1-N25-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.887-18.680-<=20-PASS

1-N25-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.866-18.600-<=20-PASS



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1-N25-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1
 -18.921-19.800-≤20-PASS



1-N25-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant
 1-18.896-19.840-≤20-PASS



1-N25-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant
 1-18.924-19.760-≤20-PASS

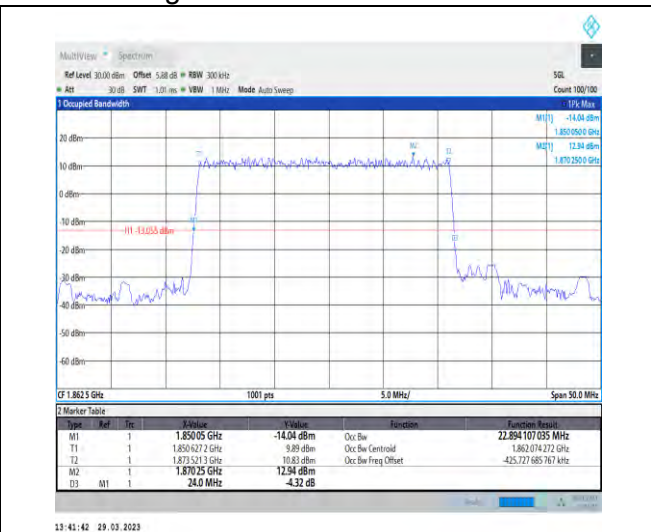
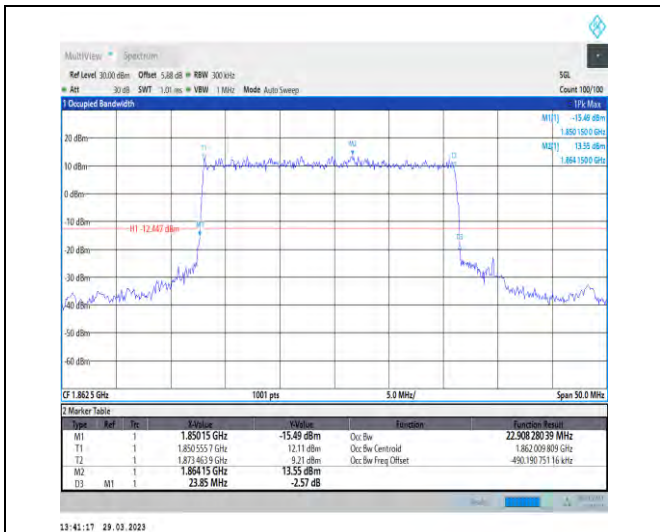


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 nt1-18.967-19.680-≤20-PASS



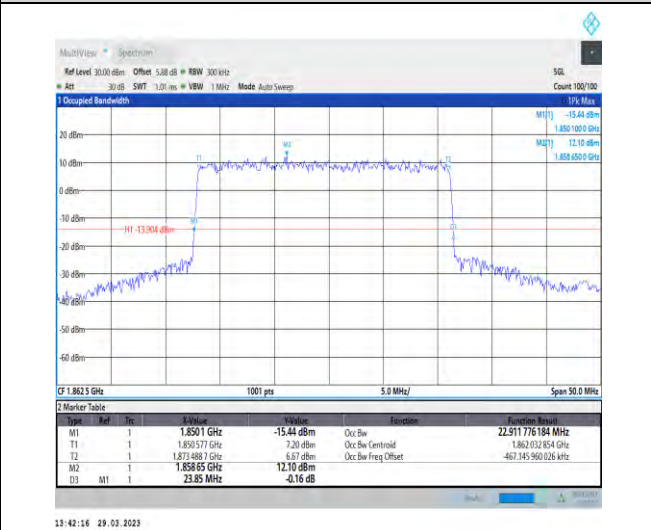
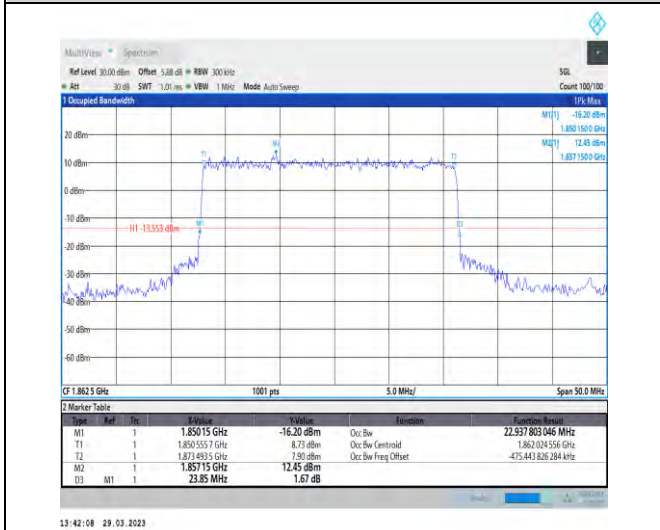
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1-N25-15-25-L-1-DFT-QPSK-Outer_Full-128@0-Ant
 1-22.908-23.850-≤25-PASS

1-N25-15-25-L-2-DFT-PI2BPSK-Outer_Full-128@0-Ant
 1-22.894-24.000-≤25-PASS



1-N25-15-25-L-3-DFT-16QAM-Outer_Full-128@0-Ant
 t1-22.938-23.850-≤25-PASS

1-N25-15-25-L-4-DFT-64QAM-Outer_Full-128@0-Ant
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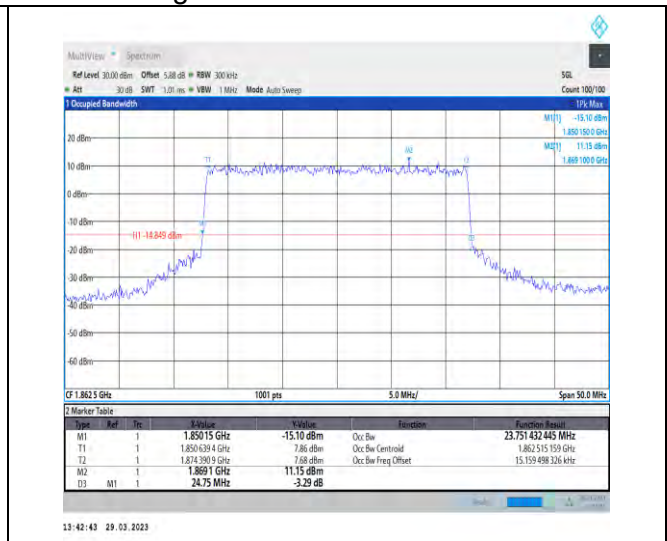


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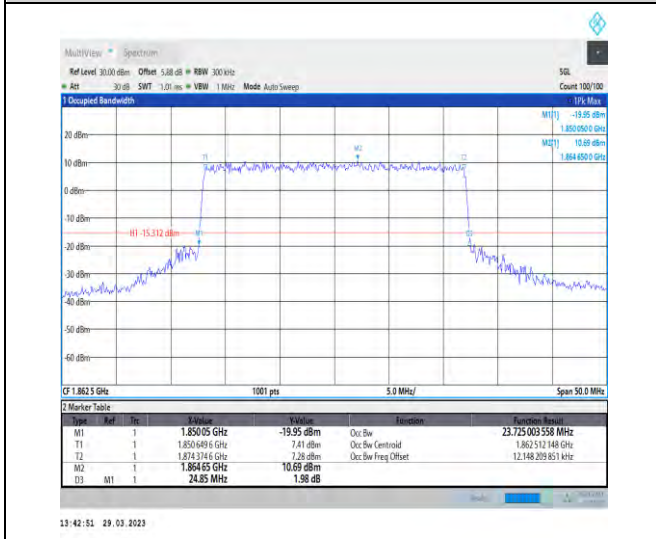
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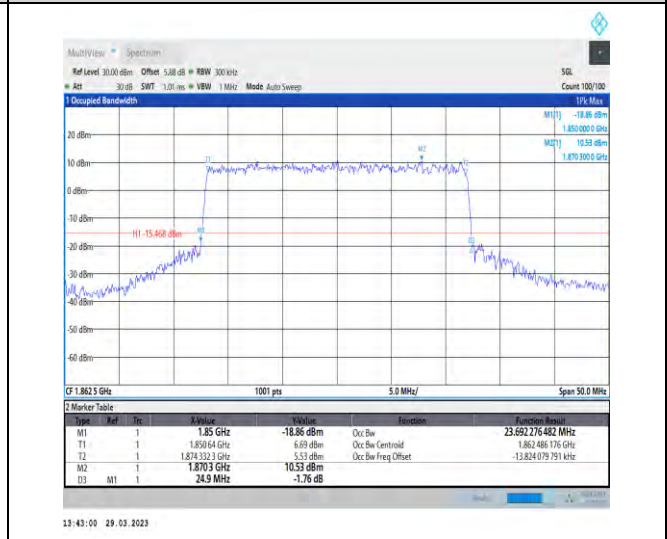
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nt1-22.833-23.800-≤25-PASS



1-N25-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant1-
23.751-24.750-≤25-PASS



1-N25-15-25-L-7-CP-16QAM-Outer_Full-133@0-Ant
1-23.725-24.850-≤25-PASS



1-N25-15-25-L-8-CP-64QAM-Outer_Full-133@0-Ant
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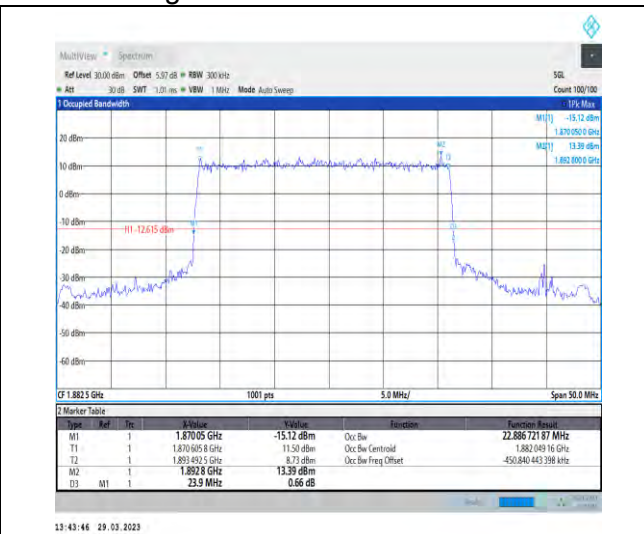


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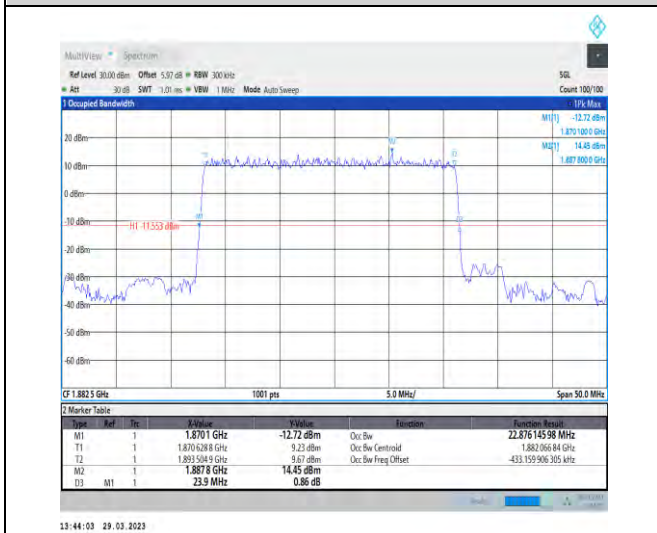
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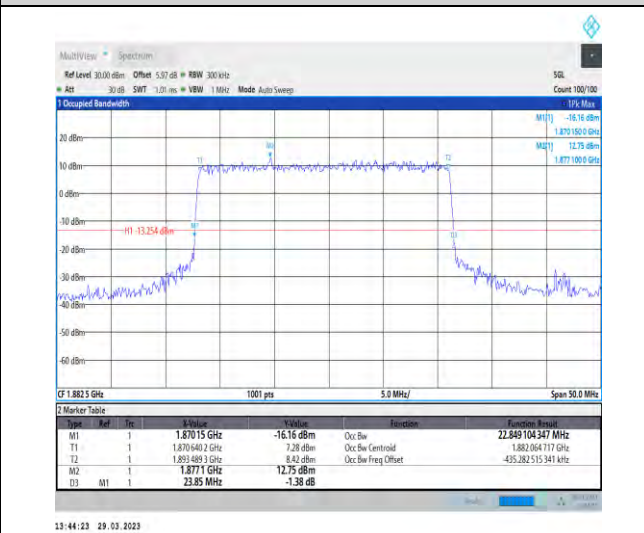
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 1-22.887-23.900-≤25-PASS



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 Ant1-22.876-23.900-≤25-PASS

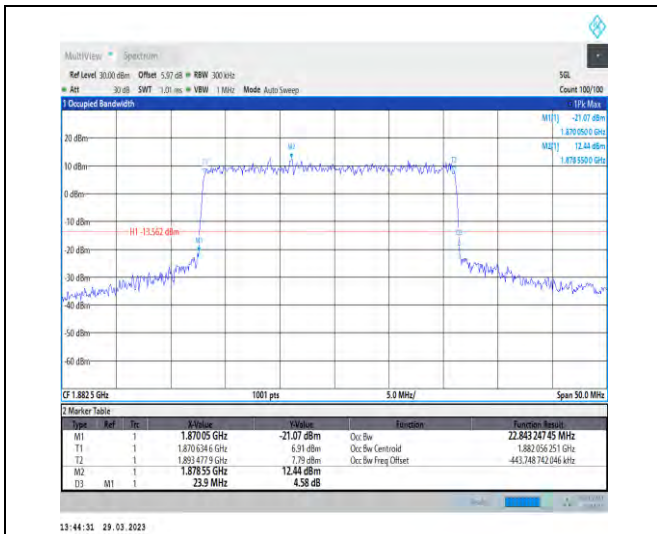


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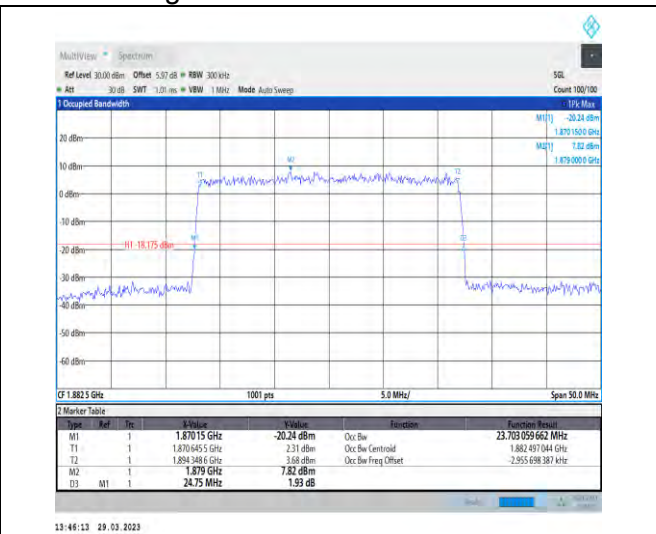


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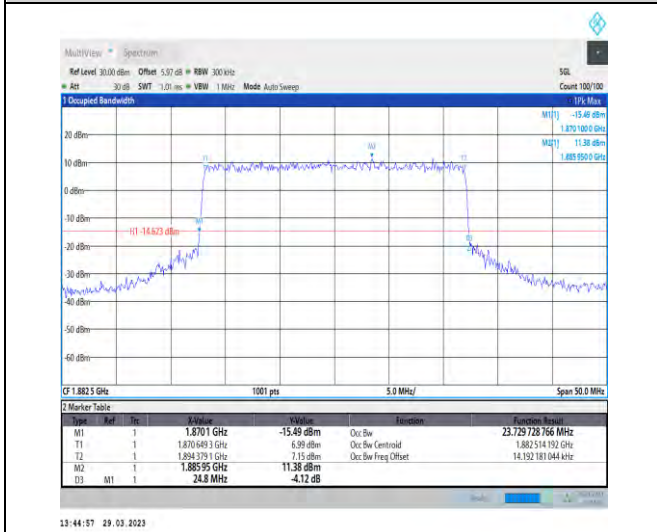
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1-N25-15-25-M-4-DFT-64QAM-Outer_Full-128@0-Ant1-22.843-23.900-≤25-PASS



1-N25-15-25-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-22.897-23.800-≤25-PASS



1-N25-15-25-M-6-CP-QPSK-Outer_Full-133@0-Ant1-23.73-24.800-≤25-PASS

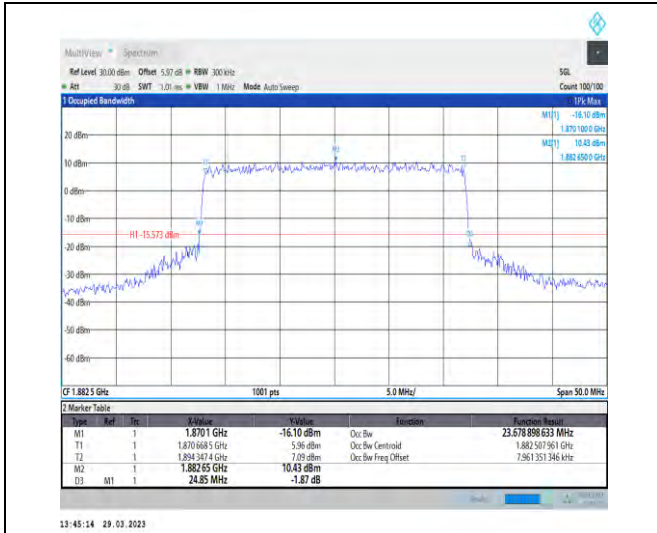


1-N25-15-25-M-7-CP-16QAM-Outer_Full-133@0-Ant1-23.764-24.850-≤25-PASS



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1-N25-15-25-M-8-CP-64QAM-Outer_Full-133@0-Ant
1-23.679-24.850-≤25-PASS



1-N25-15-25-M-9-CP-256QAM-Outer_Full-133@0-Ant
1-23.703-24.750-≤25-PASS



1-N25-15-25-H-1-DFT-QPSK-Outer_Full-128@0-Ant
1-22.803-23.850-≤25-PASS

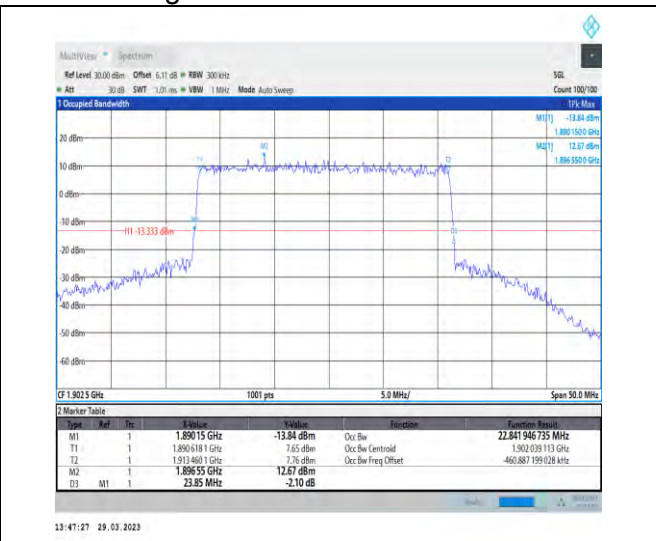
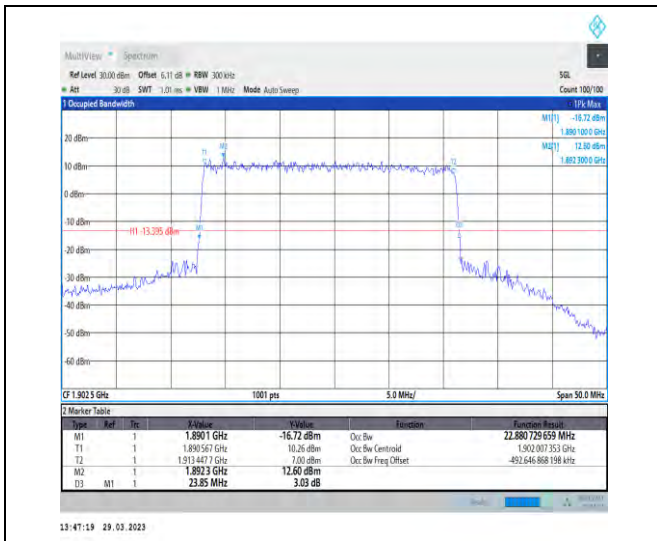


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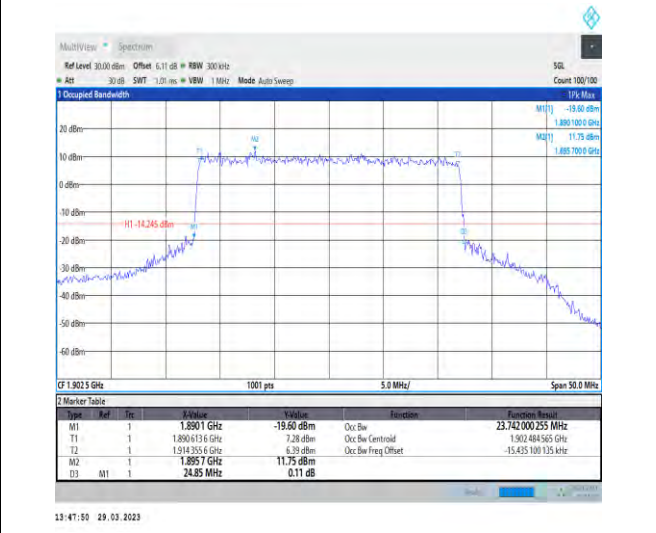
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1-N25-15-25-H-3-DFT-16QAM-Outer_Full-128@0-A
 nt1-22.881-23.850-≤25-PASS

1-N25-15-25-H-4-DFT-64QAM-Outer_Full-128@0-A
 nt1-22.842-23.850-≤25-PASS



1-N25-15-25-H-5-DFT-256QAM-Outer_Full-128@0-A
 Ant1-22.842-23.800-≤25-PASS

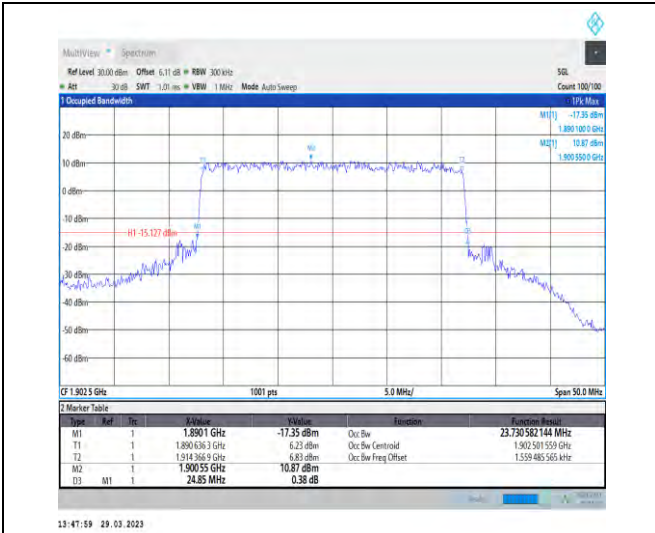
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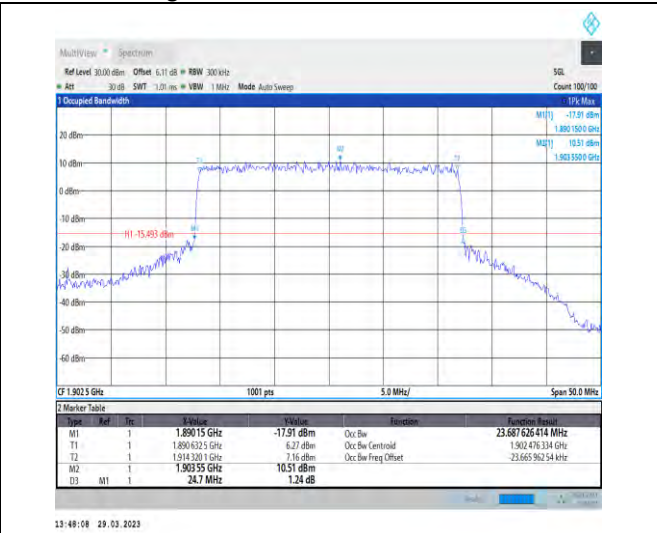
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1-N25-15-25-H-7-CP-16QAM-Outer_Full-133@0-Ant
1-23.731-24.850-≤25-PASS



1-N25-15-25-H-8-CP-64QAM-Outer_Full-133@0-Ant
1-23.688-24.700-≤25-PASS



1-N25-15-25-H-9-CP-256QAM-Outer_Full-133@0-A
nt1-23.73-24.750-≤25-PASS

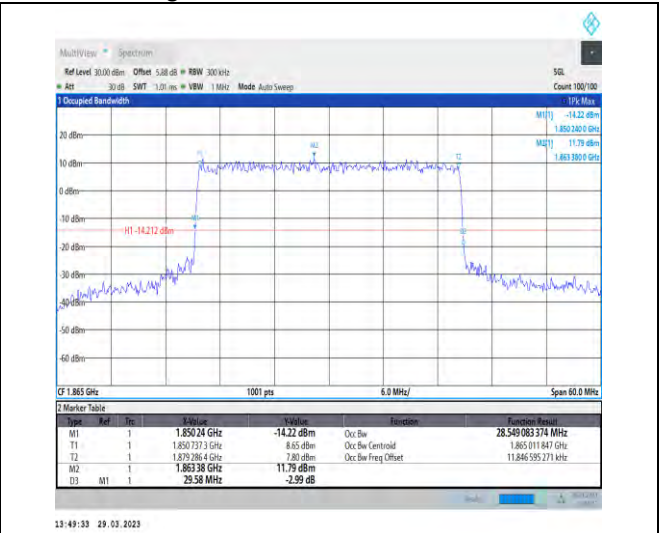


1-N25-15-30-L-1-DFT-QPSK-Outer_Full-160@0-Ant
1-28.562-29.700-≤30-PASS



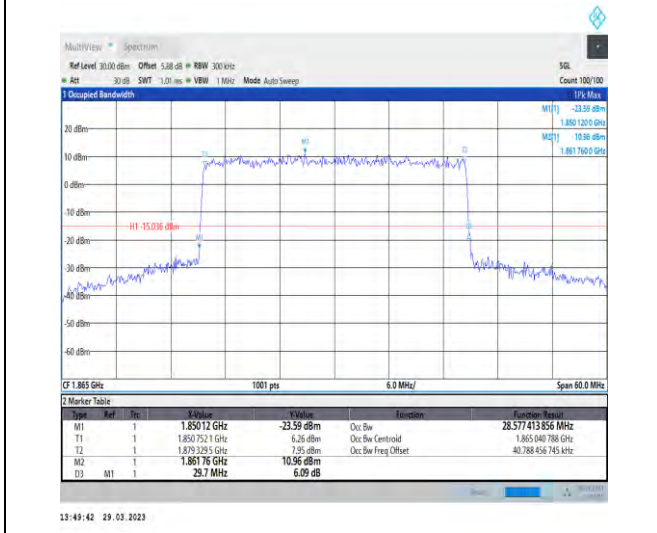
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1-N25-15-30-L-2-DFT-PI2BPSK-Outer_Full-160@0-Ant1-28.544-29.700-≤30-PASS

1-N25-15-30-L-3-DFT-16QAM-Outer_Full-160@0-An t1-28.549-29.580-≤30-PASS



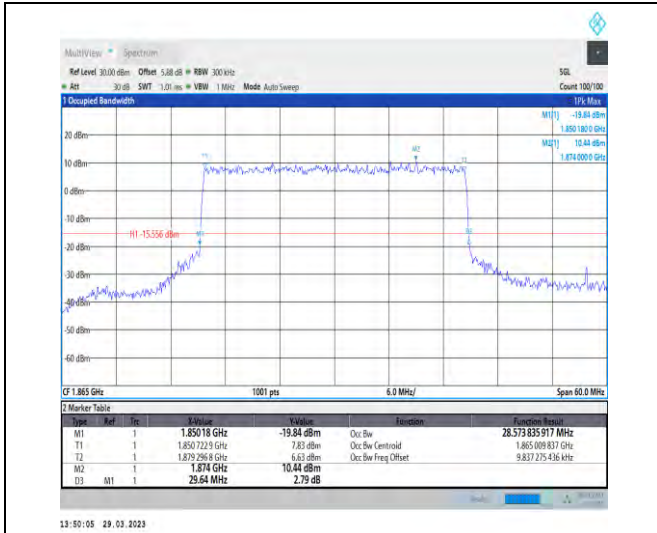
1-N25-15-30-L-4-DFT-64QAM-Outer_Full-160@0-An t1-28.577-29.700-≤30-PASS

1-N25-15-30-L-5-DFT-256QAM-Outer_Full-160@0-Ant1-28.584-29.880-≤30-PASS



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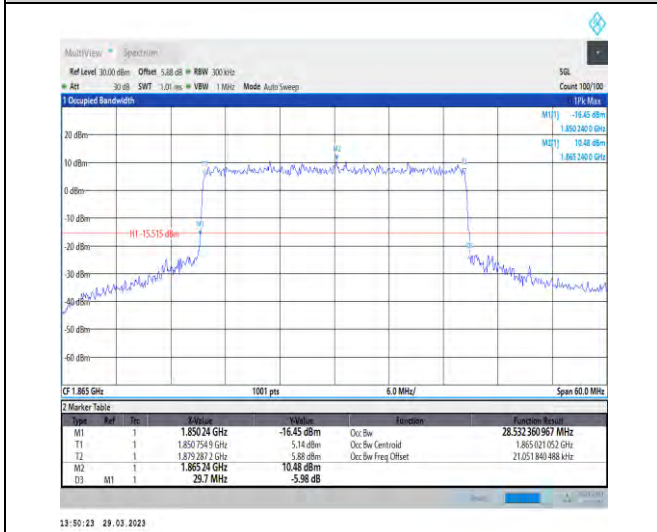
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1-N25-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant-1
 28.574-29.640-≤30-PASS



1-N25-15-30-L-7-CP-16QAM-Outer_Full-160@0-Ant
 1-28.588-29.700-≤30-PASS



1-N25-15-30-L-8-CP-64QAM-Outer_Full-160@0-Ant
 1-28.532-29.700-≤30-PASS

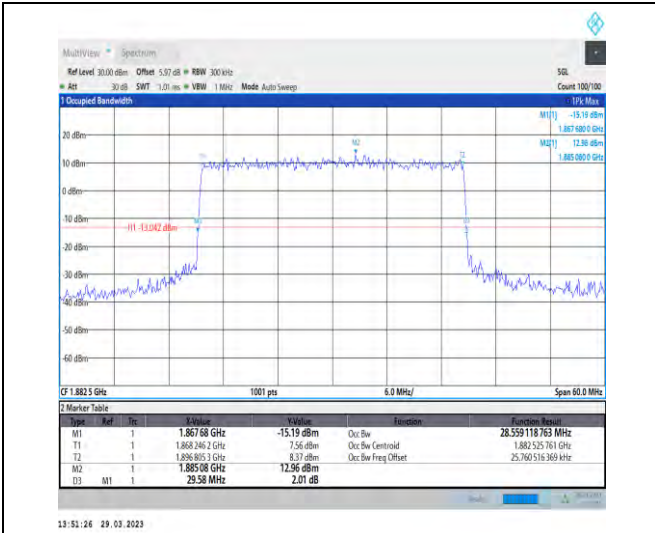


1-N25-15-30-L-9-CP-256QAM-Outer_Full-160@0-Ant
 1-28.626-29.760-≤30-PASS

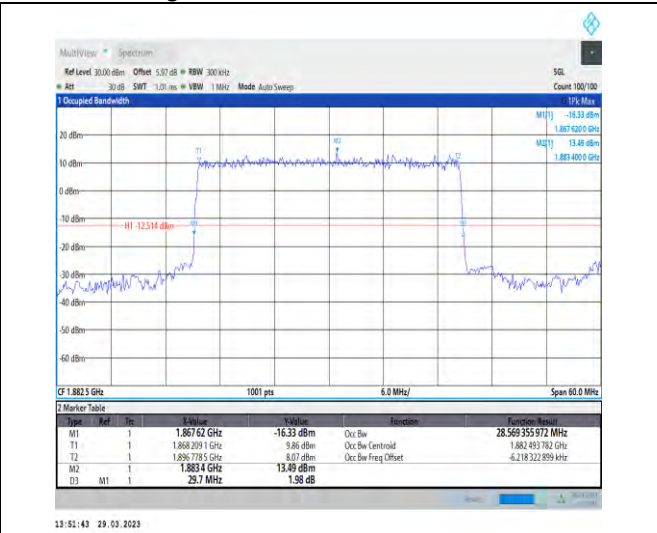


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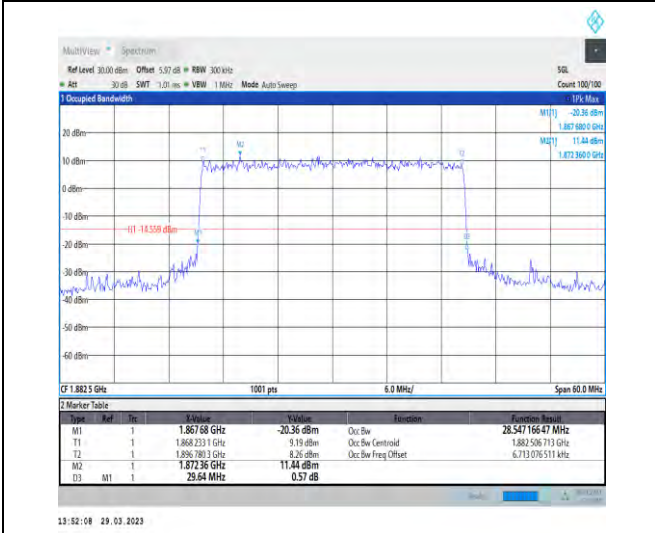
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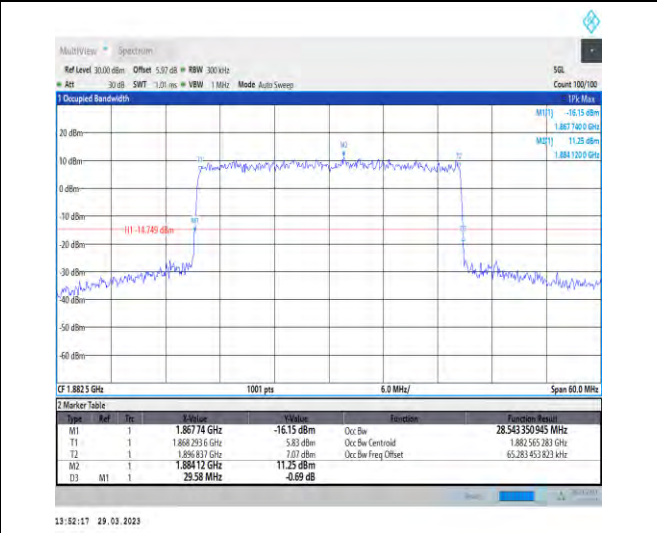
1-N25-15-30-M-1-DFT-QPSK-Outer_Full-160@0-Ant
1-28.559-29.580-≤30-PASS



1-N25-15-30-M-2-DFT-PI2BPSK-Outer_Full-160@0-Ant
1-28.569-29.700-≤30-PASS



1-N25-15-30-M-3-DFT-16QAM-Outer_Full-160@0-Ant
1-28.547-29.640-≤30-PASS

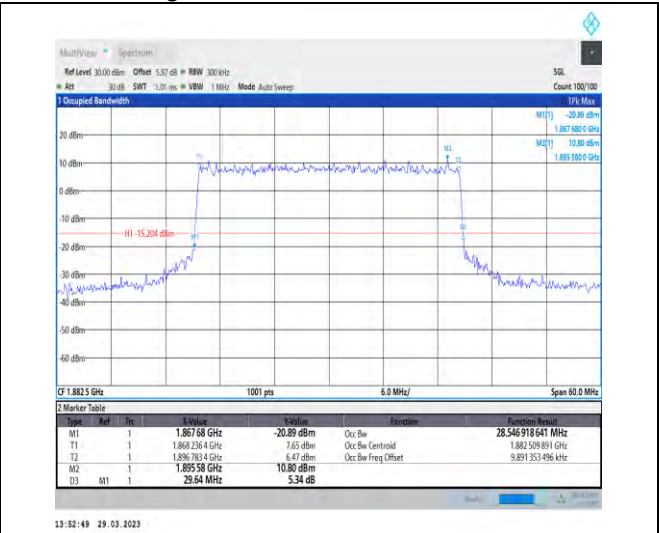


1-N25-15-30-M-4-DFT-64QAM-Outer_Full-160@0-Ant
1-28.543-29.580-≤30-PASS



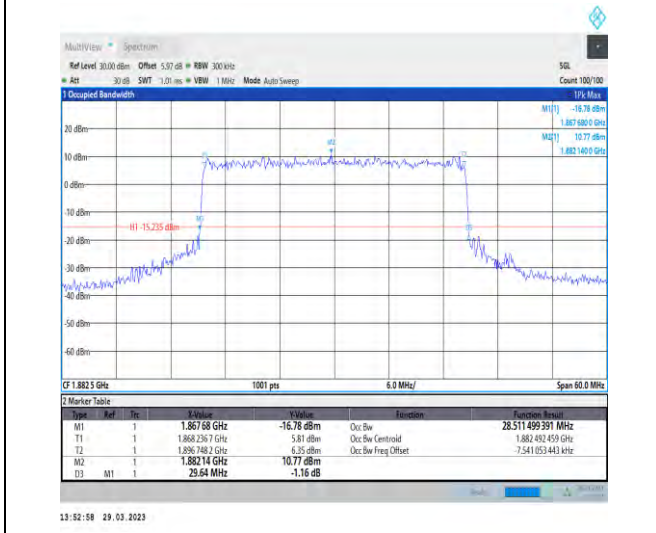
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1-N25-15-30-M-5-DFT-256QAM-Outer_Full-160@0-Ant1-28.531-29.520-≤30-PASS

1-N25-15-30-M-6-CP-QPSK-Outer_Full-160@0-Ant1-28.547-29.640-≤30-PASS



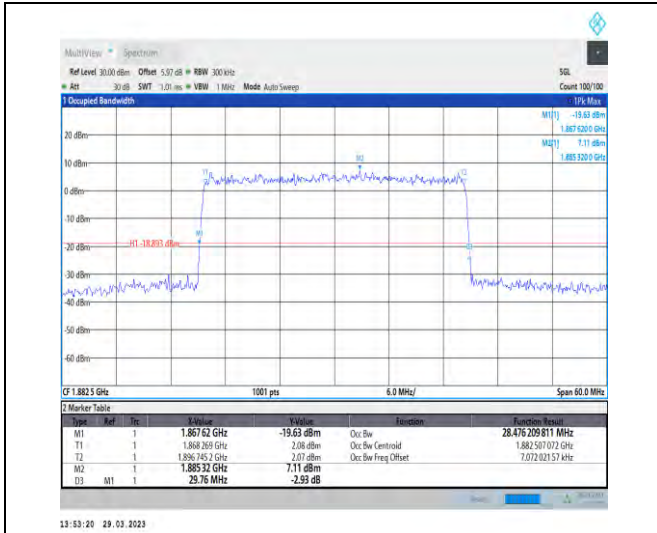
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1-N25-15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant1-28.514-29.640-≤30-PASS

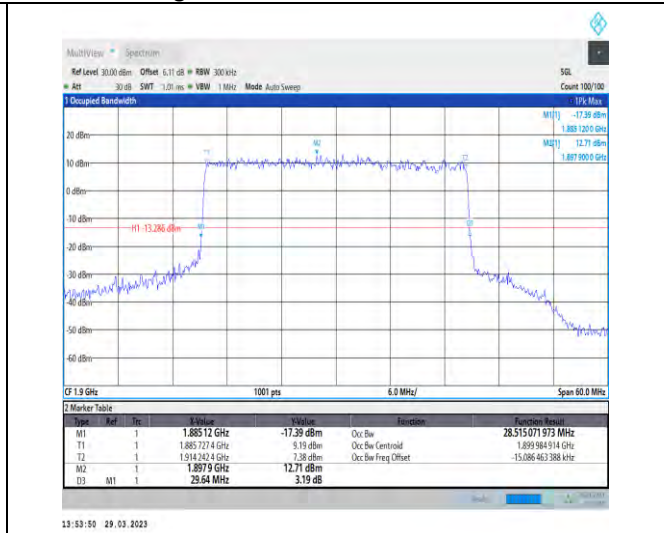


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1-N25-15-30-M-9-CP-256QAM-Outer_Full-160@0-A
nt1-28.476-29.760-≤30-PASS



1-N25-15-30-H-1-DFT-QPSK-Outer_Full-160@0-Ant
1-28.515-29.640-≤30-PASS



1-N25-15-30-H-2-DFT-PI2BPSK-Outer_Full-160@0-Ant1
Ant1-28.496-29.640-≤30-PASS



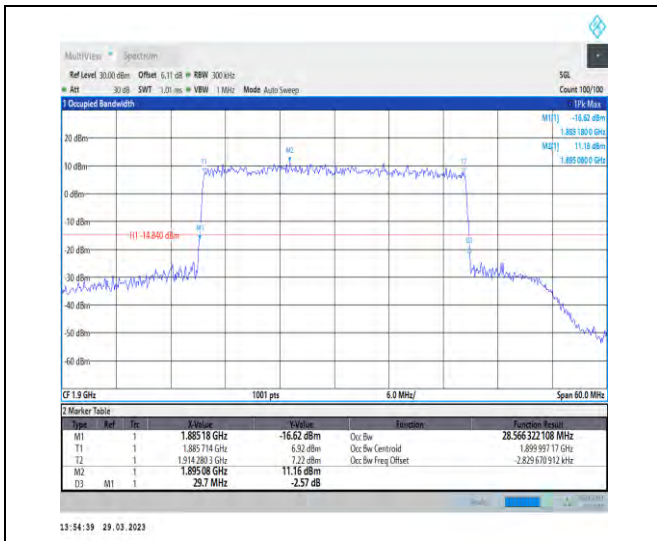
1-N25-15-30-H-3-DFT-16QAM-Outer_Full-160@0-A
nt1-28.505-29.520-≤30-PASS



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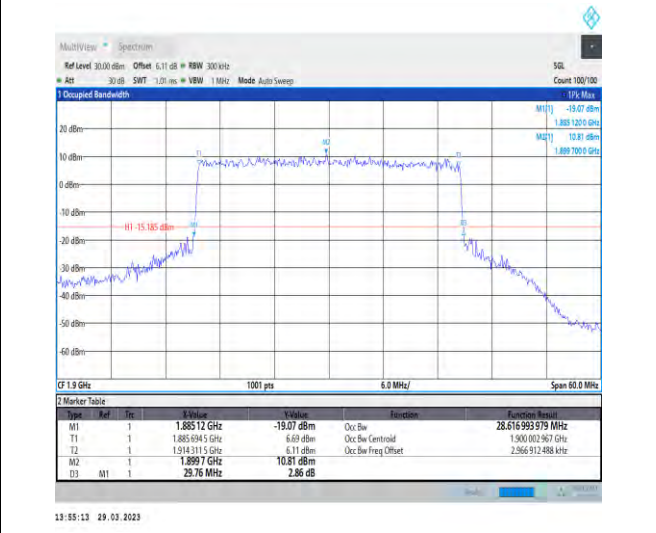
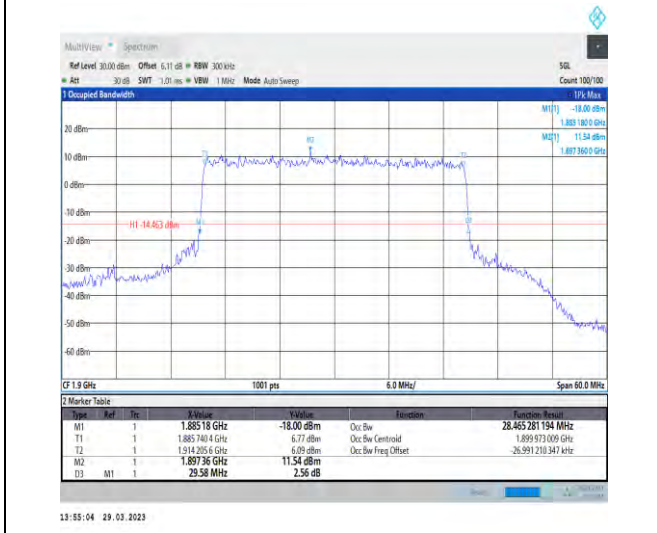
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1-N25-15-30-H-4-DFT-64QAM-Outer_Full-160@0-A
 Ant1-28.566-29.700-≤30-PASS

1-N25-15-30-H-5-DFT-256QAM-Outer_Full-160@0-A
 Ant1-28.485-29.640-≤30-PASS



1-N25-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1
 -28.465-29.580-≤30-PASS

1-N25-15-30-H-7-CP-16QAM-Outer_Full-160@0-Ant1
 1-28.617-29.760-≤30-PASS



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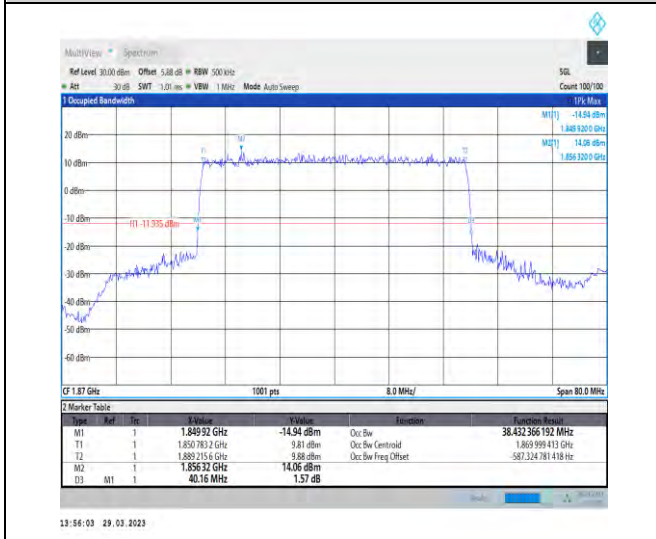
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1-N25-15-30-H-8-CP-64QAM-Outer_Full-160@0-Ant
1-28.435-29.700-≤30-PASS



1-N25-15-30-H-9-CP-256QAM-Outer_Full-160@0-Ant
nt1-28.548-29.700-≤30-PASS



1-N25-15-40-L-1-DFT-QPSK-Outer_Full-216@0-Ant
1-38.432-40.160-≤40-PASS

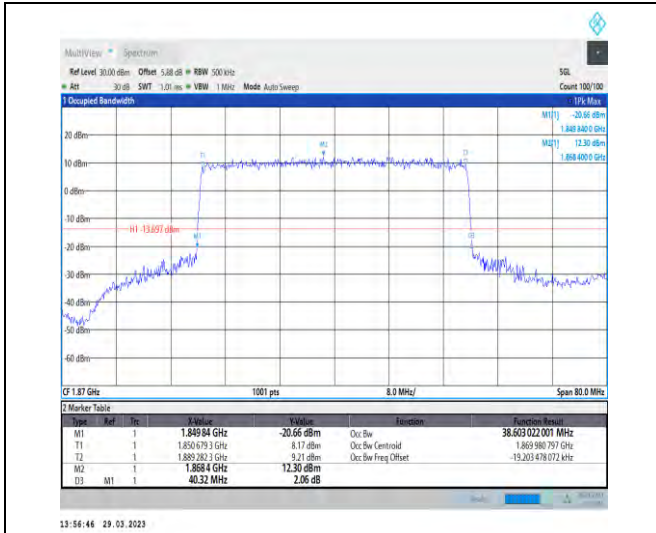


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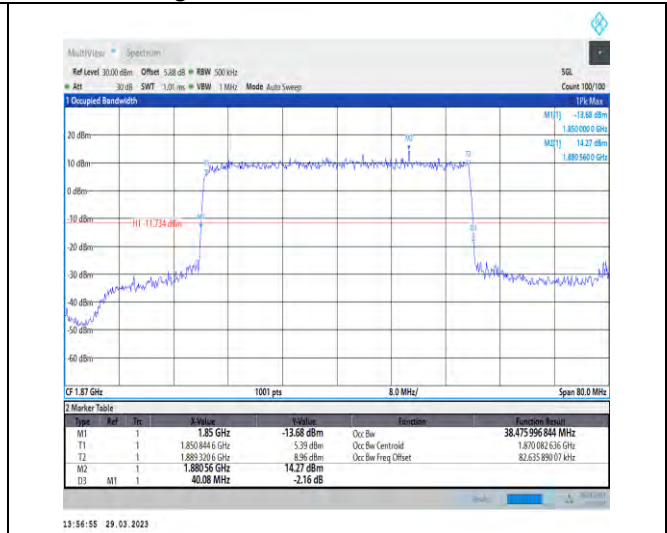


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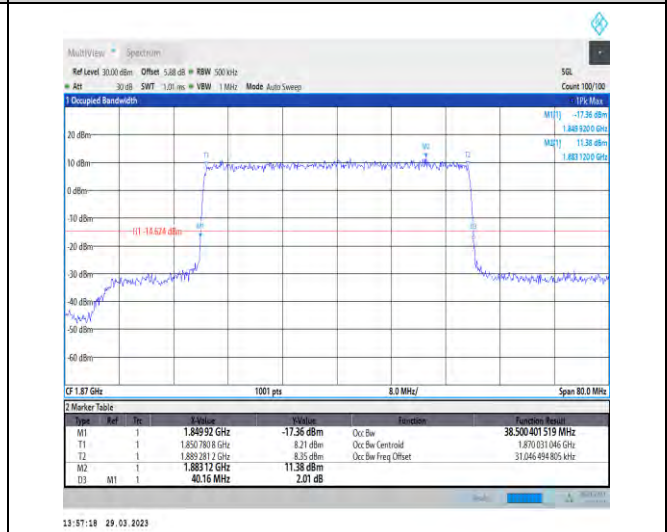
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t1-38.603-40.320-≤40-PASS



1-N25-15-40-L-4-DFT-64QAM-Outer_Full-216@0-An
t1-38.476-40.080-≤40-PASS



1-N25-15-40-L-5-DFT-256QAM-Outer_Full-216@0-A
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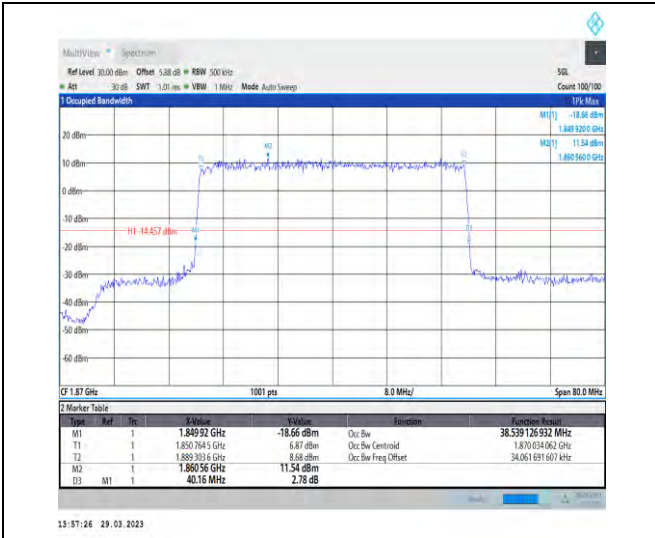


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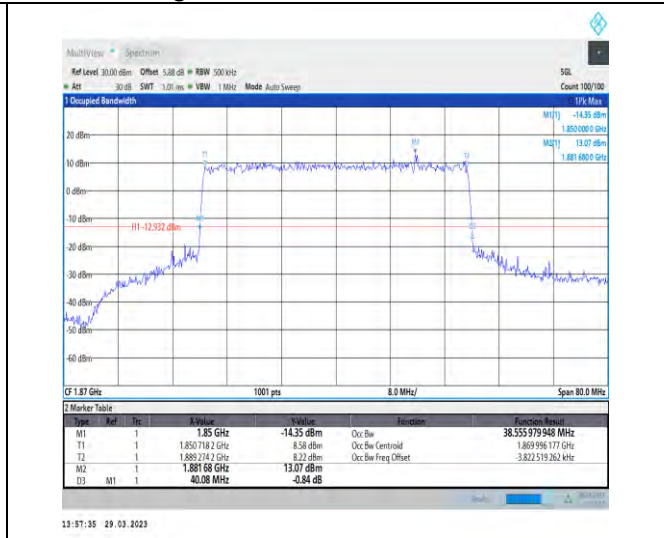


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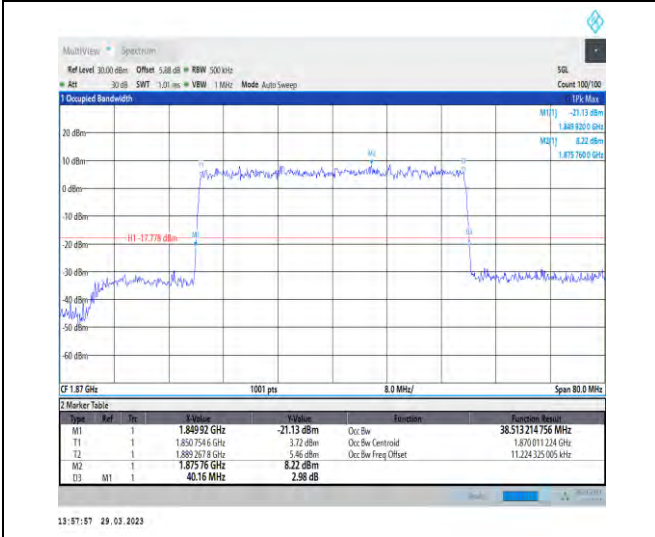
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1-N25-15-40-L-7-CP-16QAM-Outer_Full-216@0-Ant
 1-38.539-40.160-≤40-PASS



1-N25-15-40-L-8-CP-64QAM-Outer_Full-216@0-Ant
 1-38.556-40.080-≤40-PASS



1-N25-15-40-L-9-CP-256QAM-Outer_Full-216@0-Ant
 t1-38.513-40.160-≤40-PASS



1-N25-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant
 1-38.566-40.160-≤40-PASS

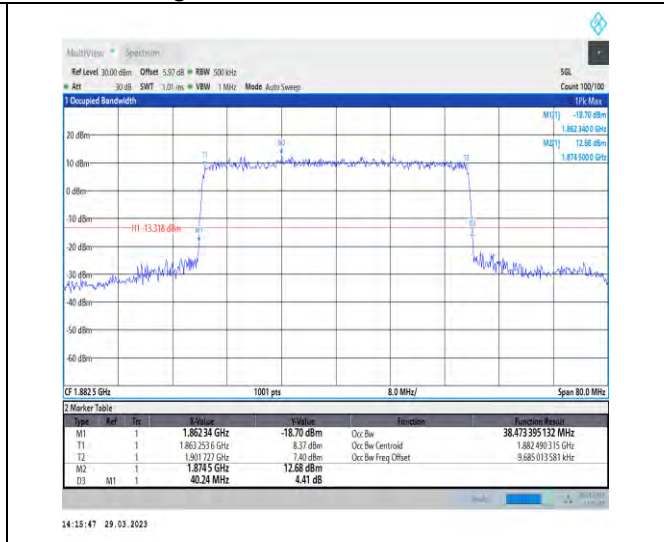


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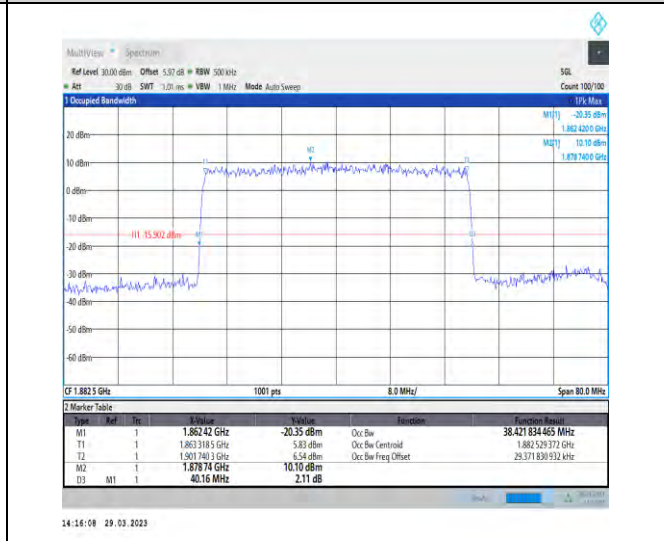
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1-N25-15-40-M-3-DFT-16QAM-Outer_Full-216@0-Ant1-38.473-40.240-≤ 40-PASS



1-N25-15-40-M-4-DFT-64QAM-Outer_Full-216@0-Ant1-38.538-40.160-≤ 40-PASS

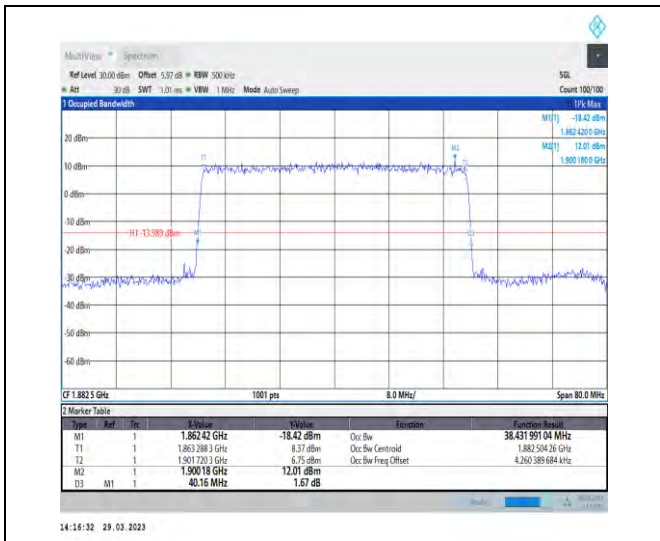


1-N25-15-40-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-38.422-40.160-≤ 40-PASS

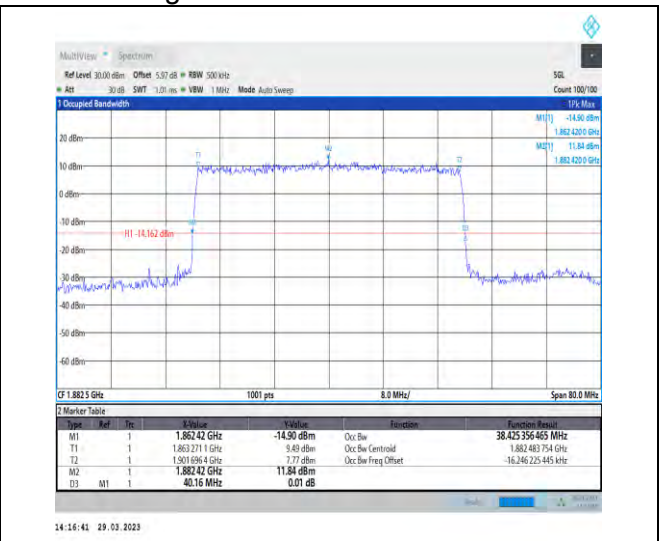


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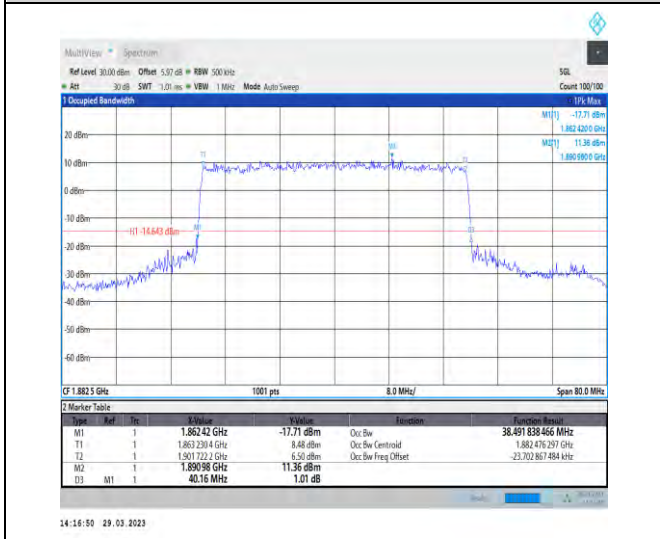
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1-N25-15-40-M-6-CP-QPSK-Outer_Full-216@0-Ant1
 -1-38.432-40.160-≤40-PASS



1-N25-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant1
 1-38.425-40.160-≤40-PASS



1-N25-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant1
 1-38.492-40.160-≤40-PASS



1-N25-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant1
 1-38.41-40.080-≤40-PASS



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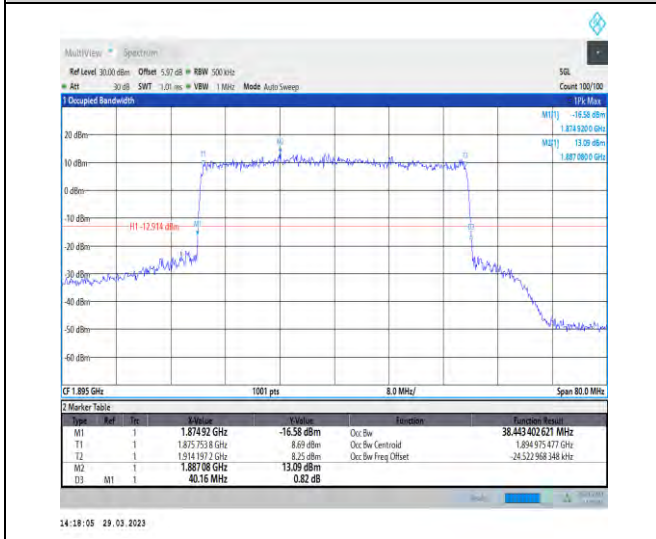
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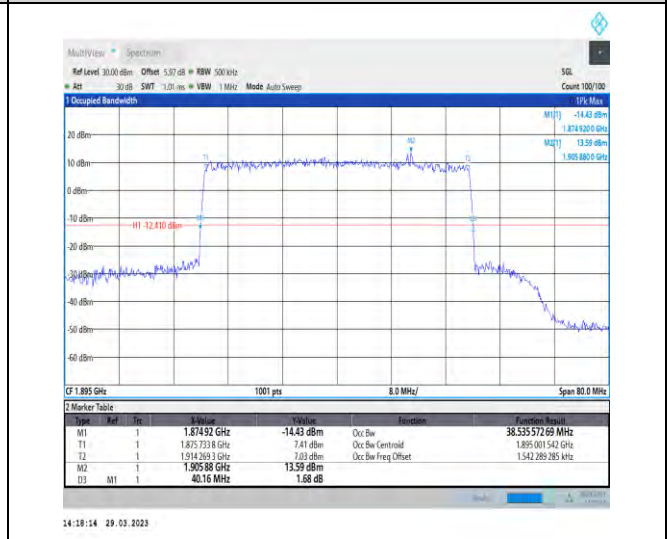
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1-38.443-40.160-≤40-PASS



1-N25-15-40-H-2-DFT-PI2BPSK-Outer_Full-216@0-Ant
1-38.434-40.160-≤40-PASS



1-N25-15-40-H-3-DFT-16QAM-Outer_Full-216@0-Ant
1-38.443-40.160-≤40-PASS

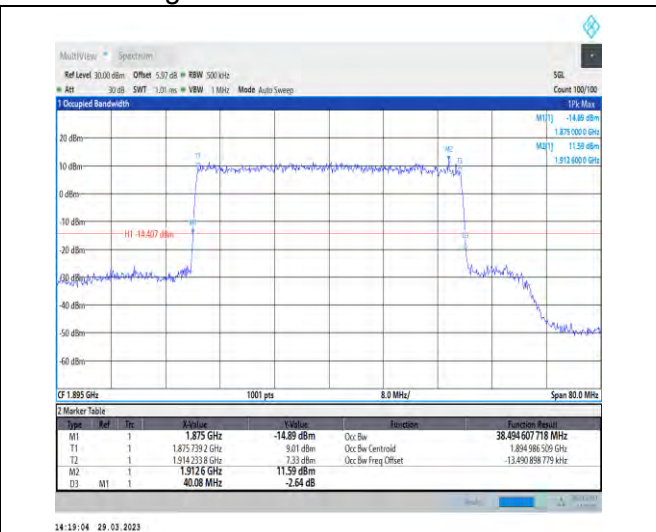
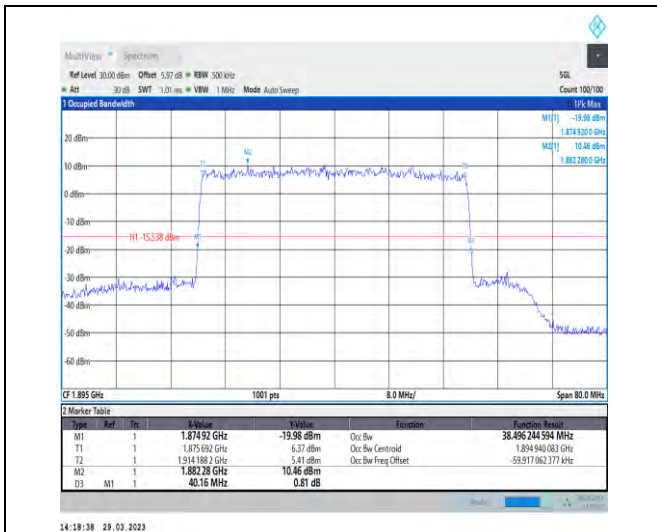


1-N25-15-40-H-4-DFT-64QAM-Outer_Full-216@0-Ant
1-38.536-40.160-≤40-PASS



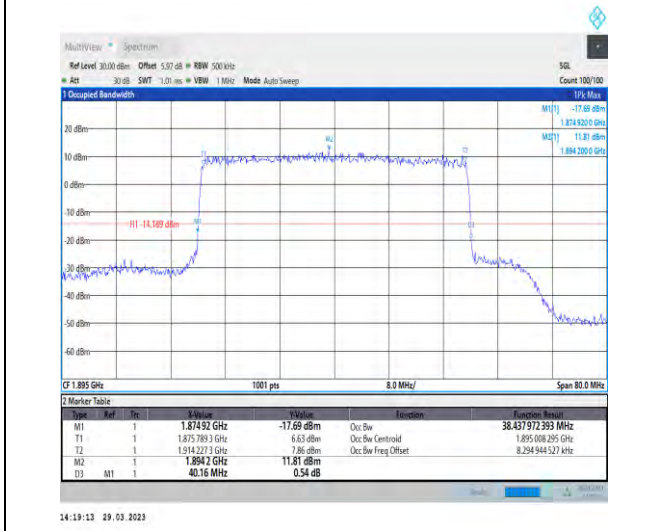
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1-N25-15-40-H-5-DFT-256QAM-Outer_Full-216@0-Ant1-38.496-40.160-≤40-PASS

1-N25-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant1-38.495-40.080-≤40-PASS



1-N25-15-40-H-7-CP-16QAM-Outer_Full-216@0-Ant1-38.438-40.160-≤40-PASS

1-N25-15-40-H-8-CP-64QAM-Outer_Full-216@0-Ant1-38.56-40.080-≤40-PASS



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1-N25-15-40-H-9-CP-256QAM-Outer_Full-216@0-A
nt1-38.466-40.160-≤40-PASS



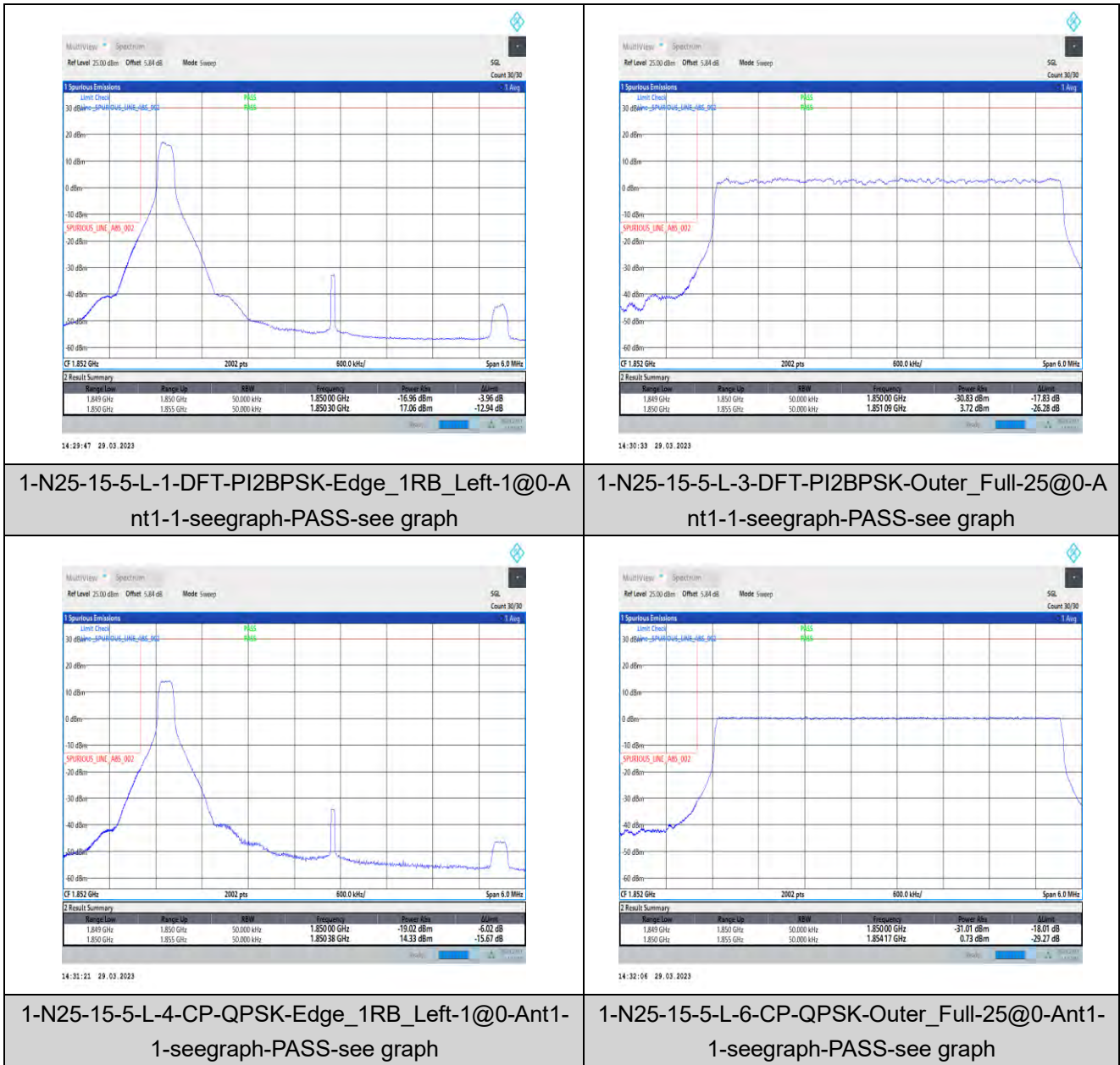
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Band Edge for SA

Test Graphs



1-N25-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-A
 nt1-1-seegraph-PASS-see graph

1-N25-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-A
 nt1-1-seegraph-PASS-see graph

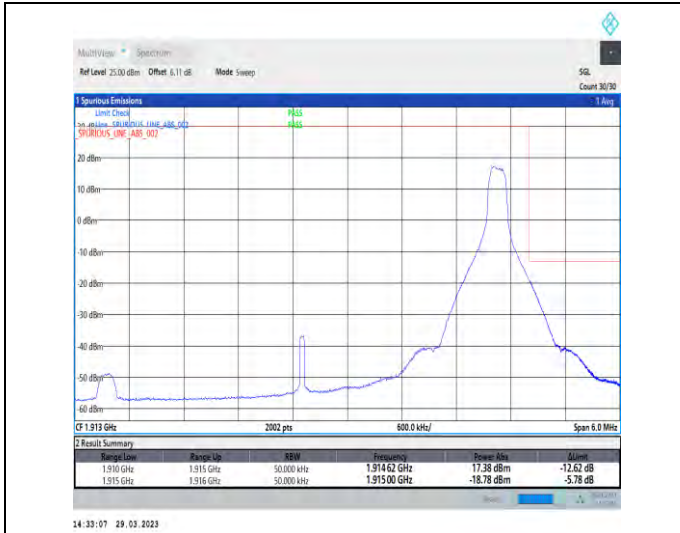
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 1-seegraph-PASS-see graph

1-N25-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-
 1-seegraph-PASS-see graph



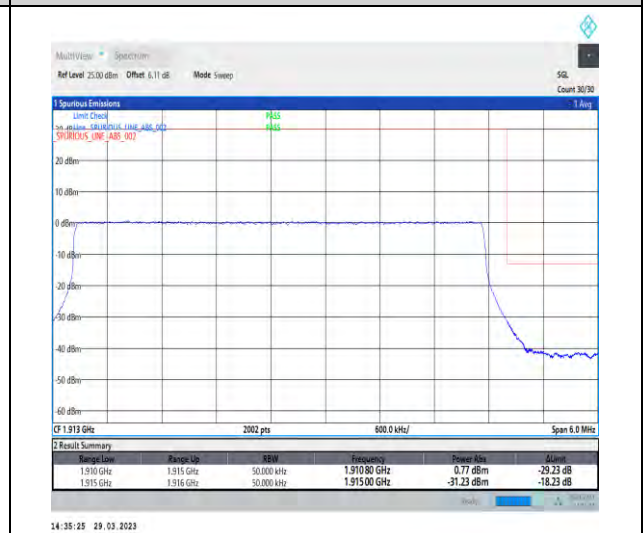
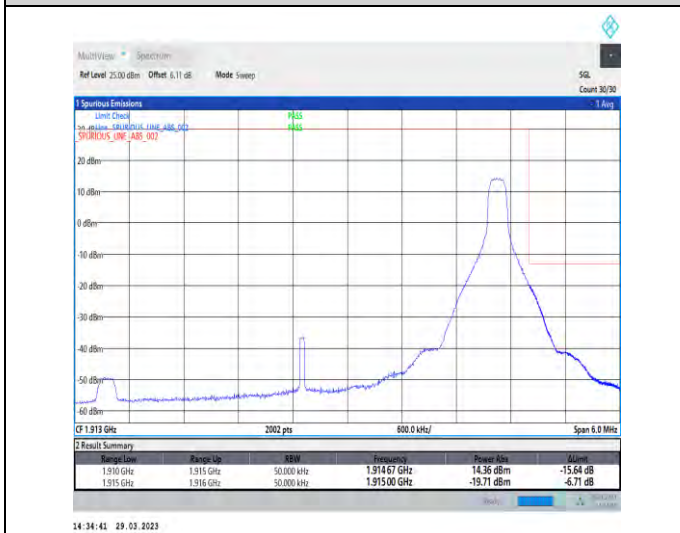
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1-N25-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2-4-Ant1-1-seegraph-PASS-see graph

1-N25-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



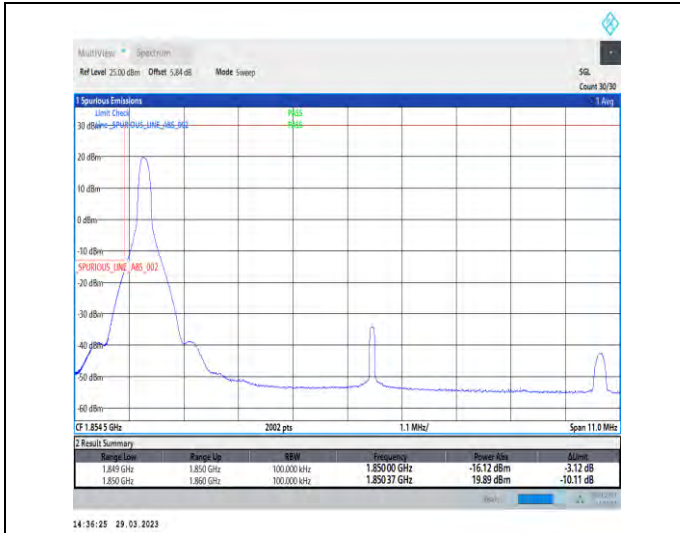
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1-N25-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



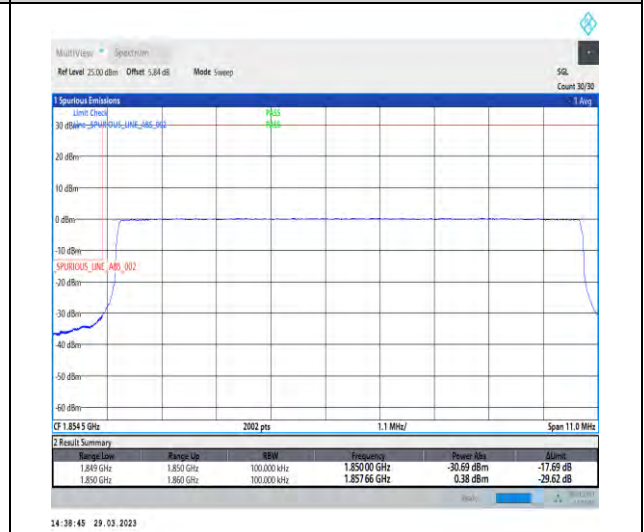
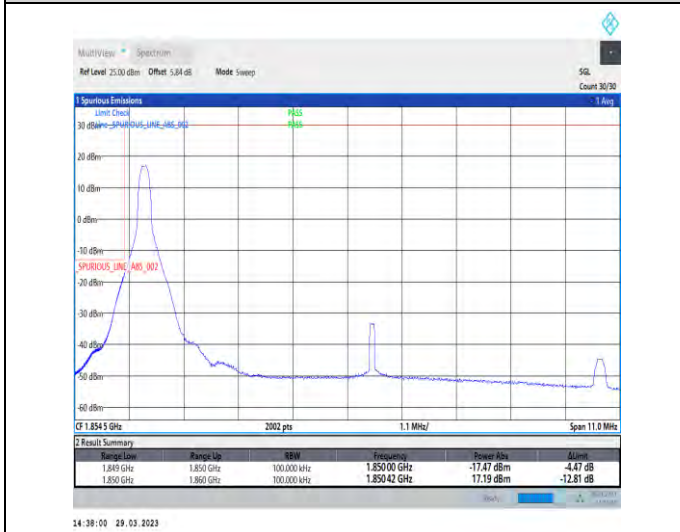
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1-N25-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



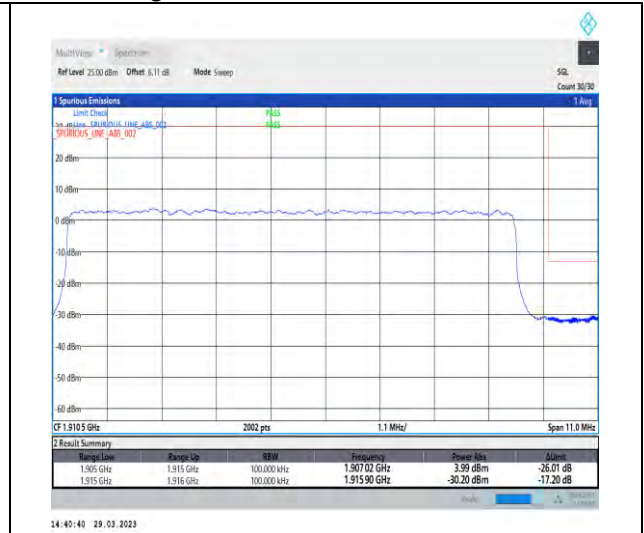
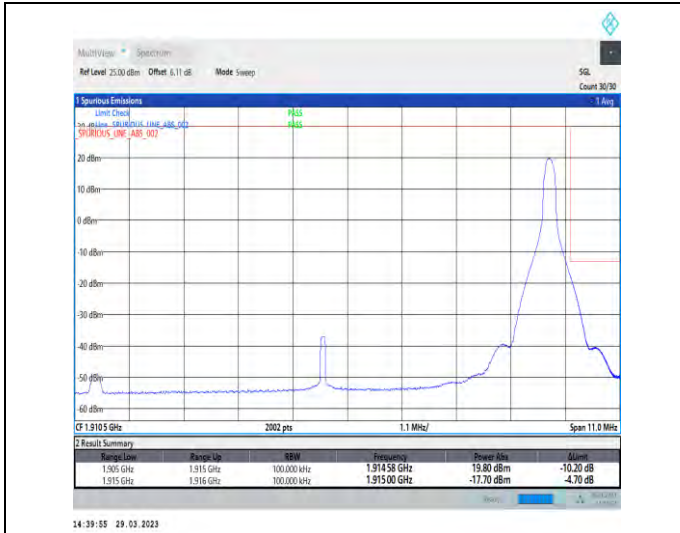
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1-N25-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



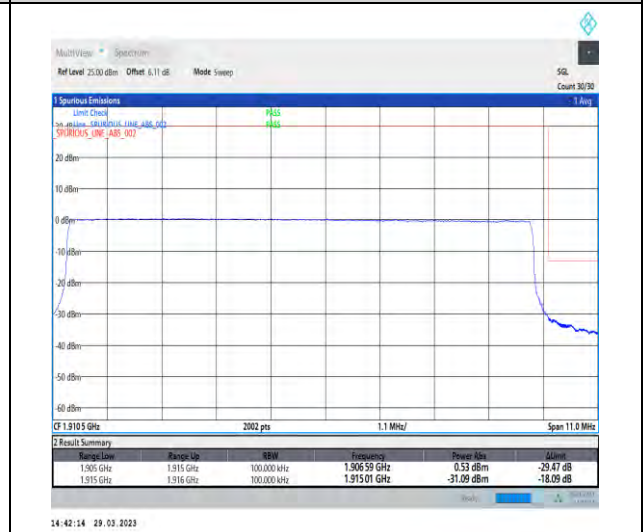
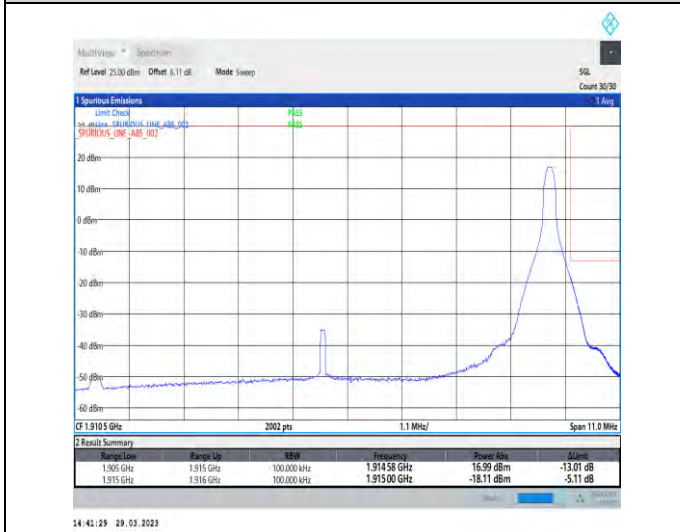
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1-N25-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

1-N25-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



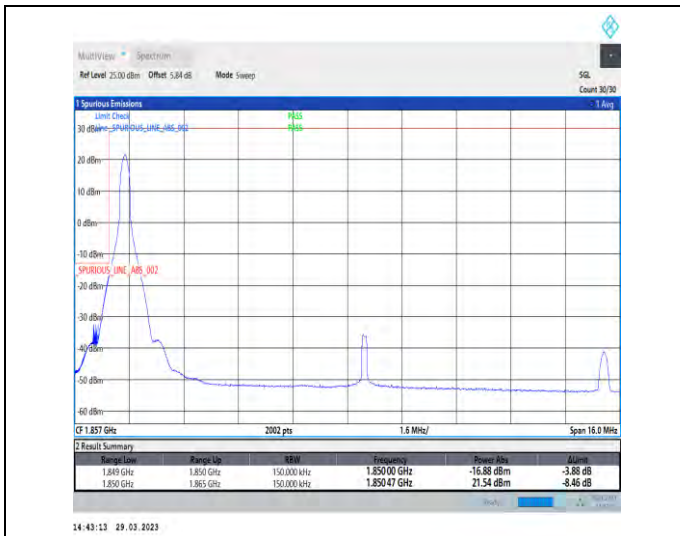
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1-N25-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



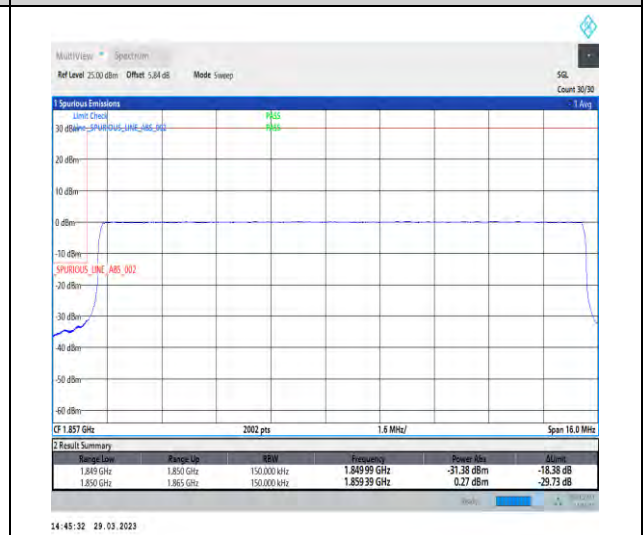
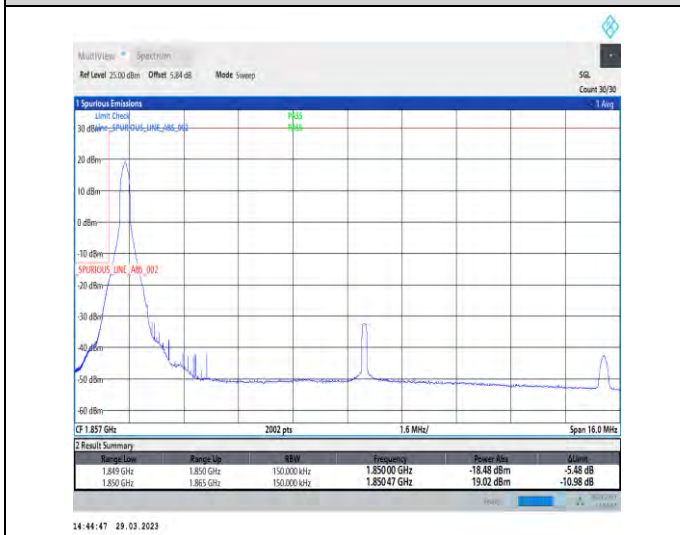
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1-N25-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



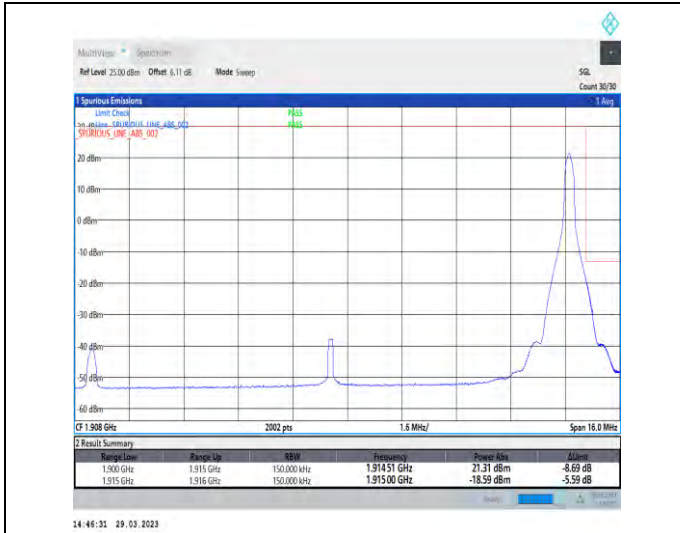
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1-N25-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



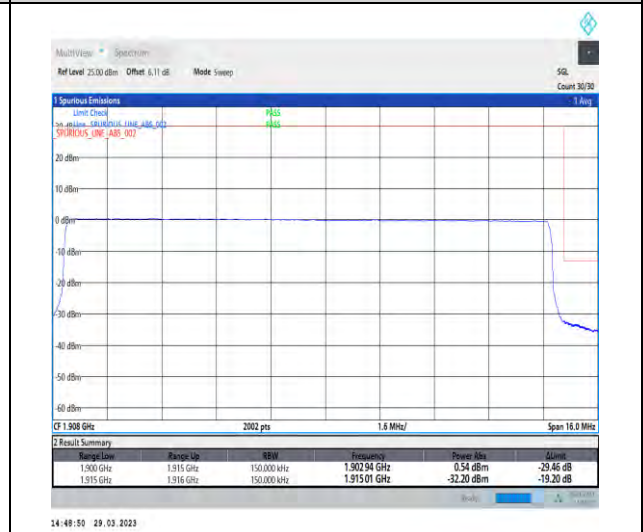
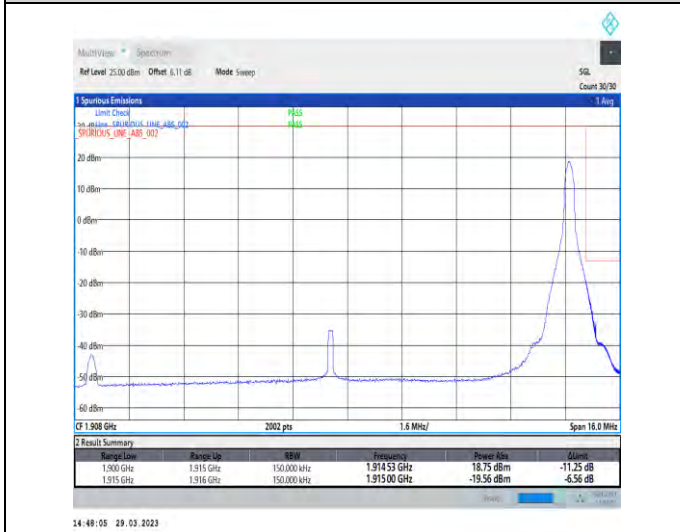
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1-N25-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

1-N25-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



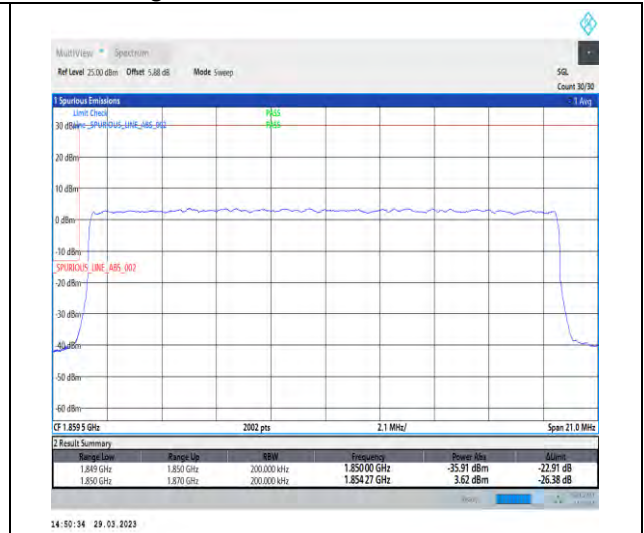
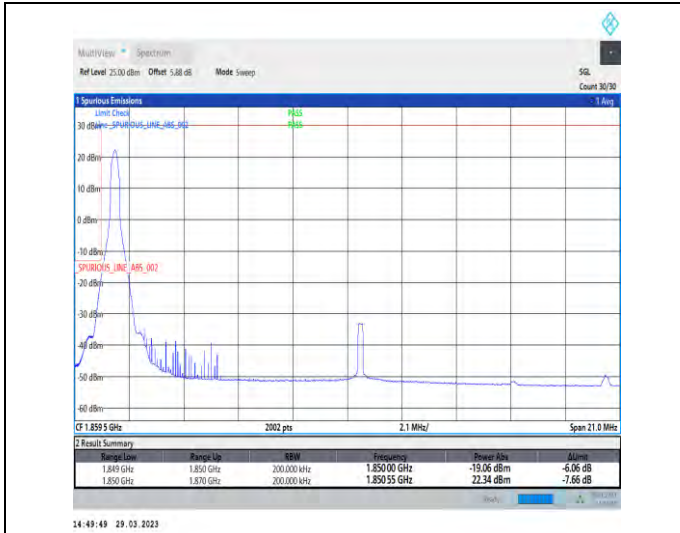
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1-N25-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



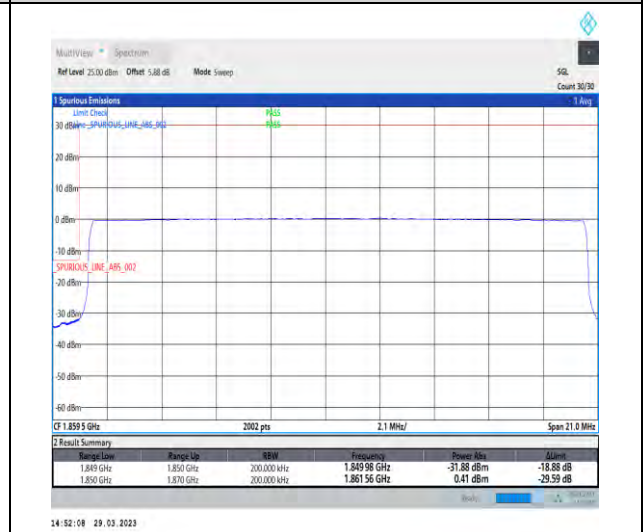
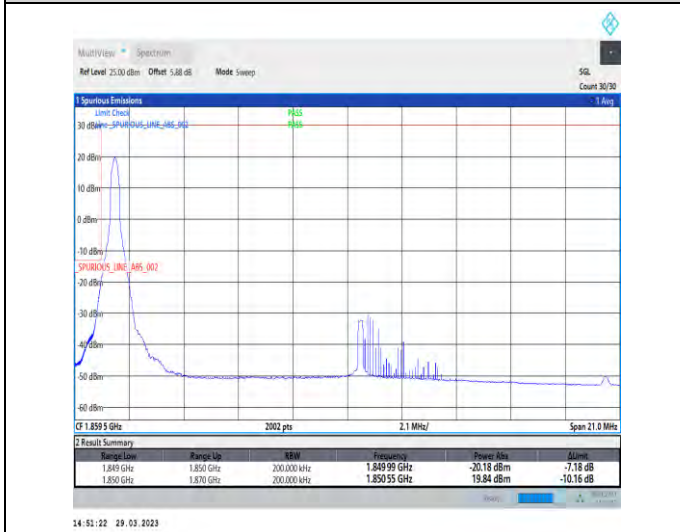
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1-N25-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



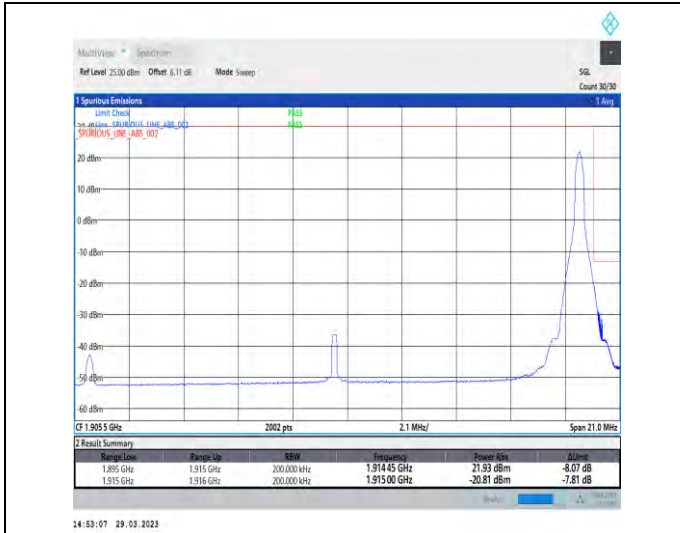
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1-N25-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



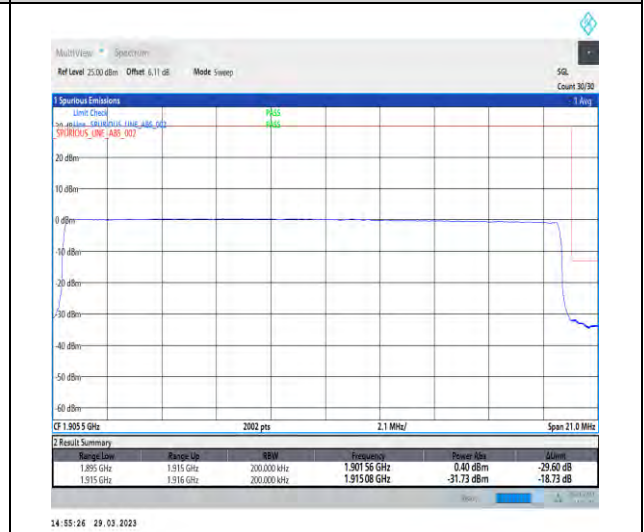
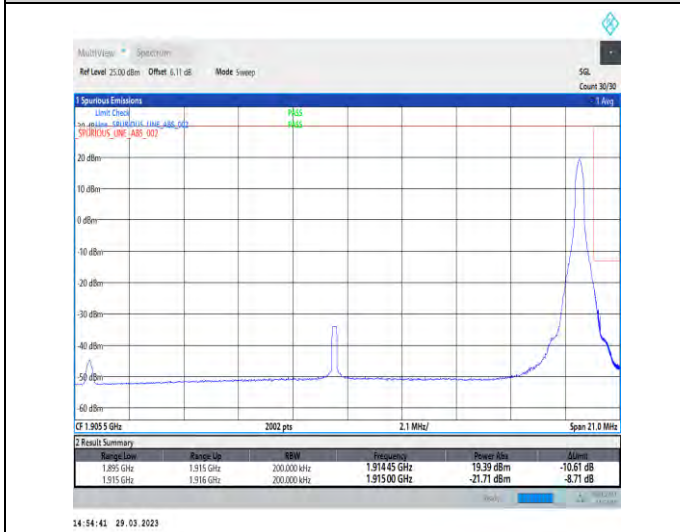
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1-N25-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N25-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



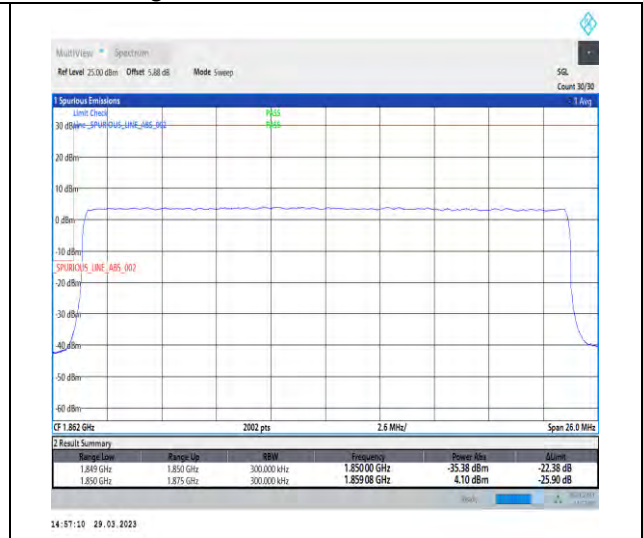
1-N25-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N25-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



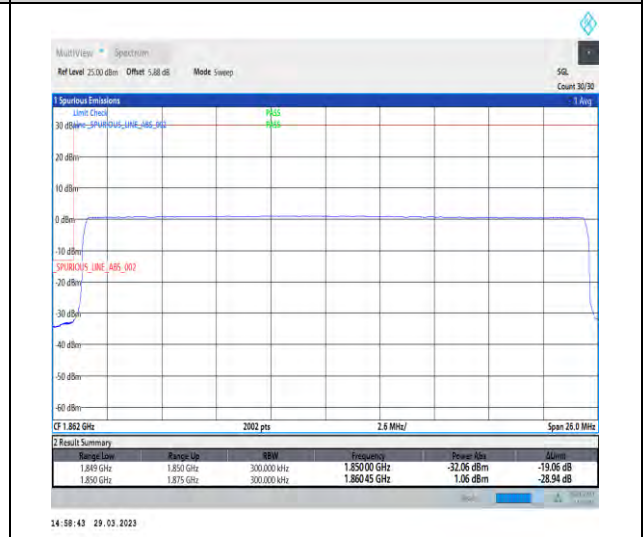
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1-N25-15-25-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-25-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1-seegraph-PASS-see graph



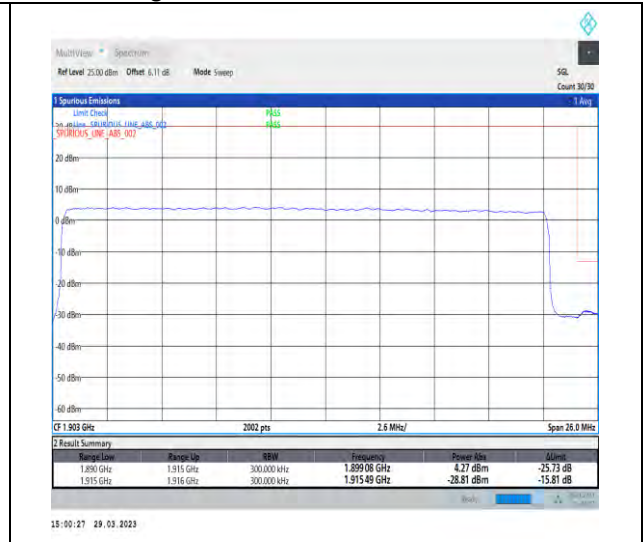
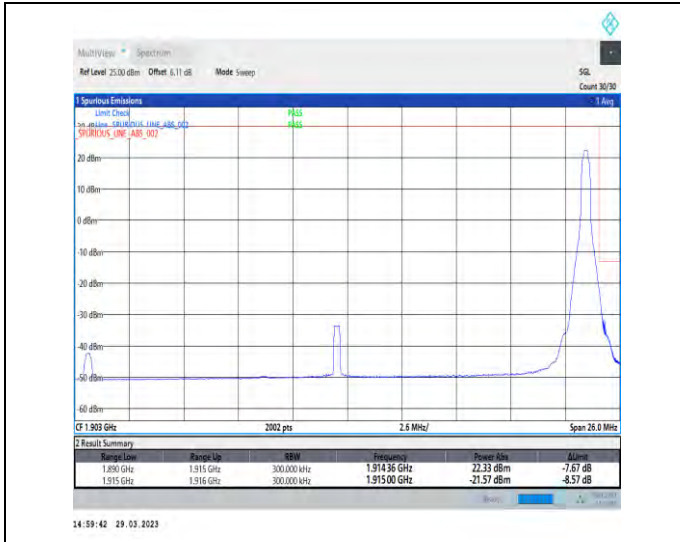
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1-N25-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1-seegraph-PASS-see graph



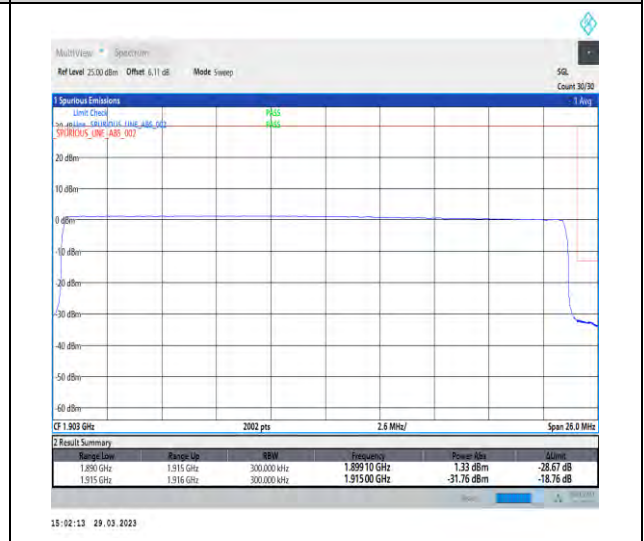
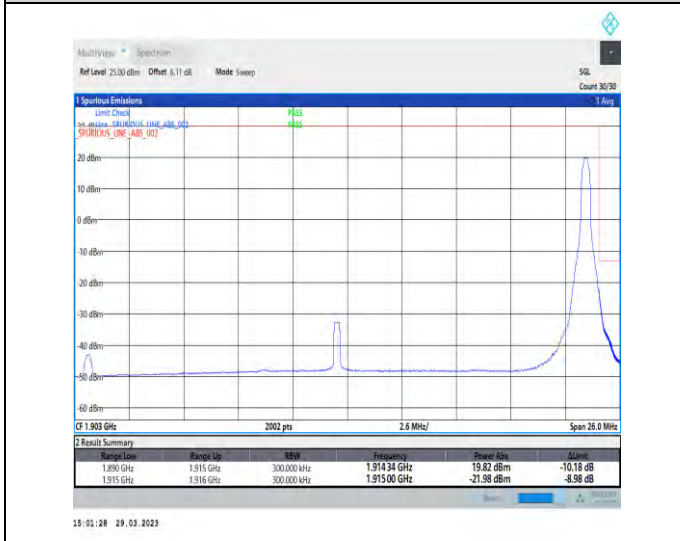
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1-N25-15-25-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant1-1-seegraph-PASS-see graph

1-N25-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1-seegraph-PASS-see graph



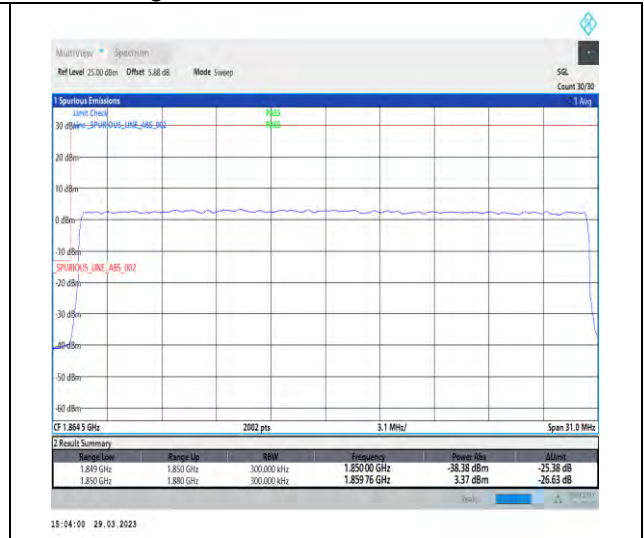
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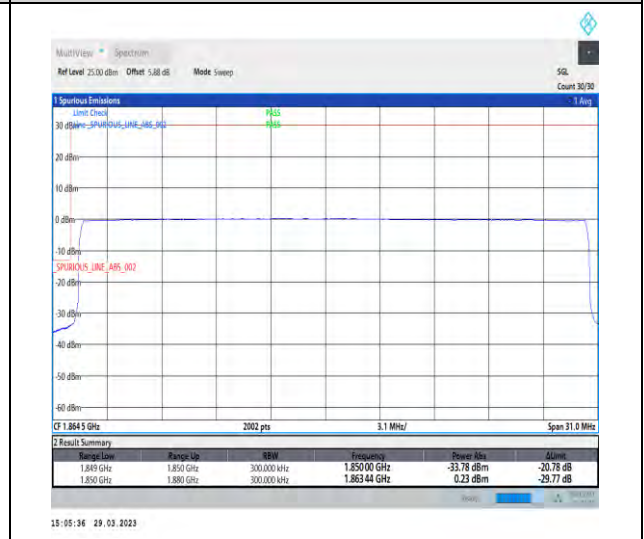
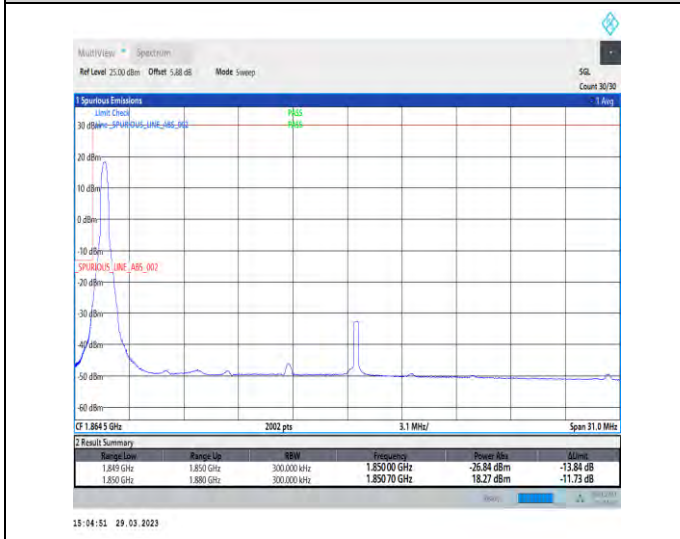
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1-N25-15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



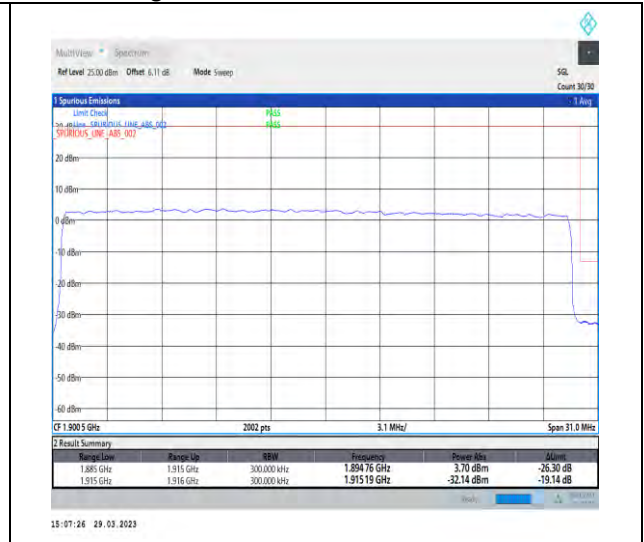
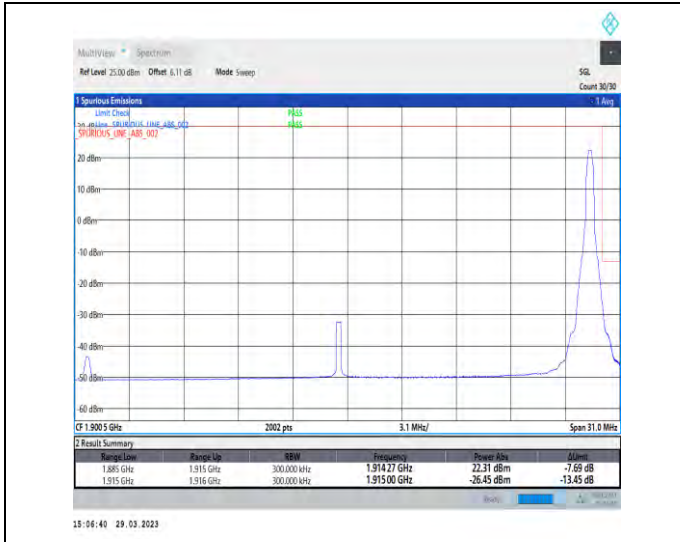
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1-N25-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



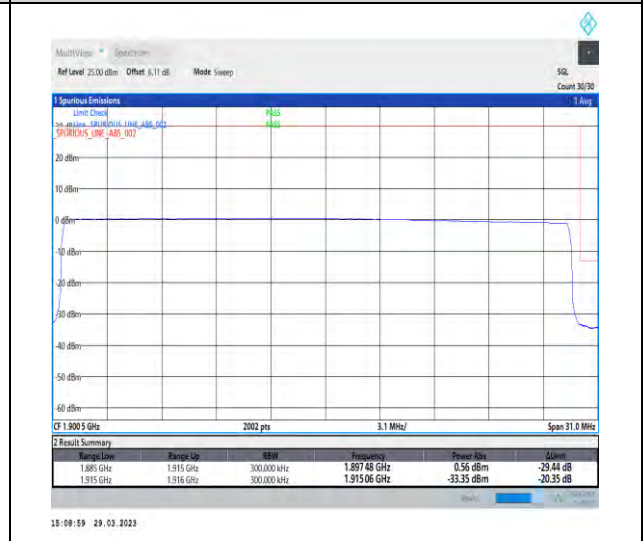
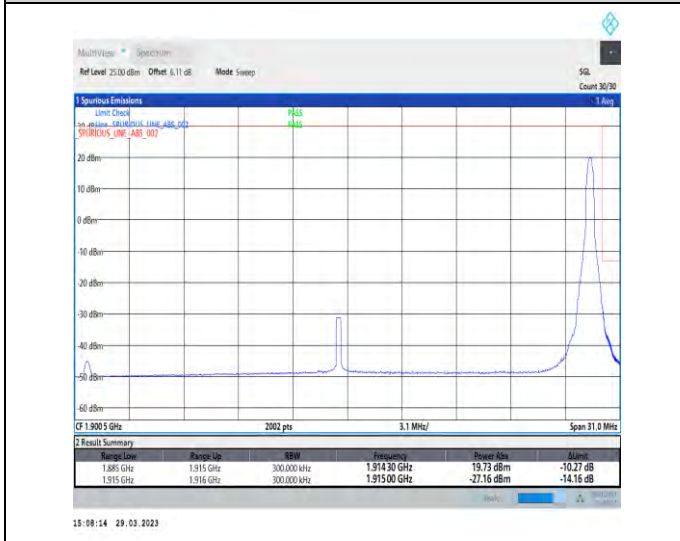
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1-N25-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant1-1-seegraph-PASS-see graph

1-N25-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



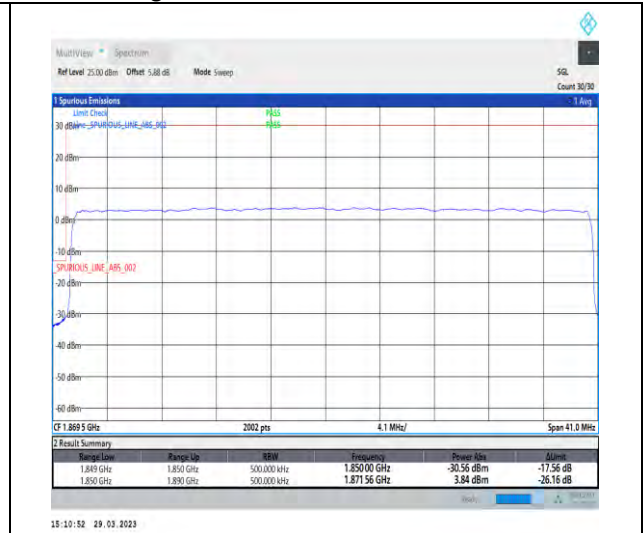
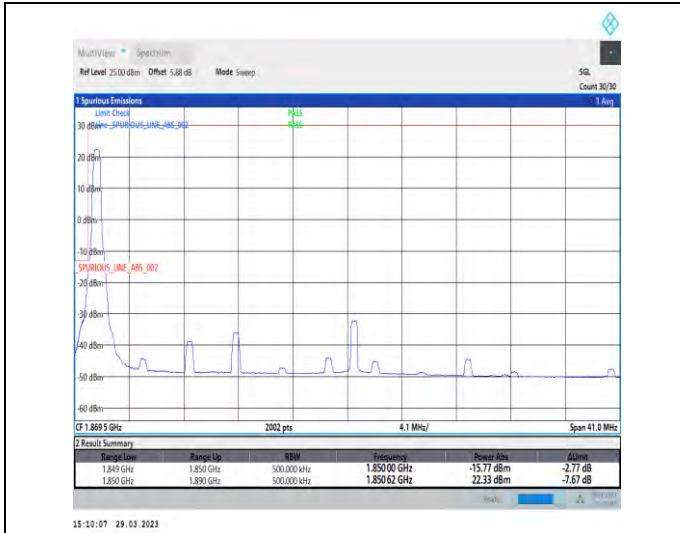
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1-N25-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



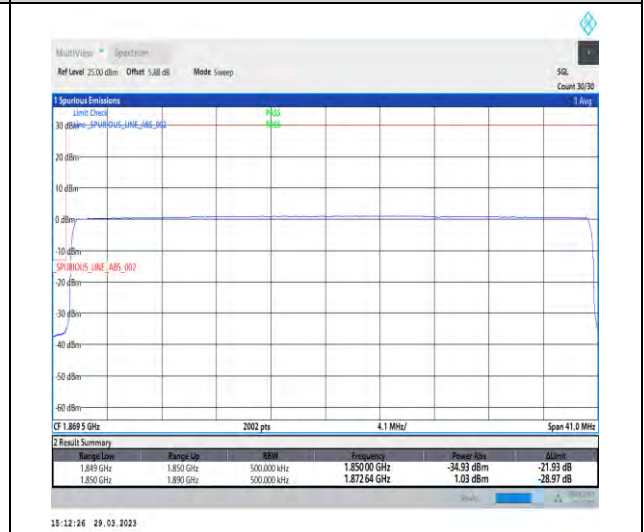
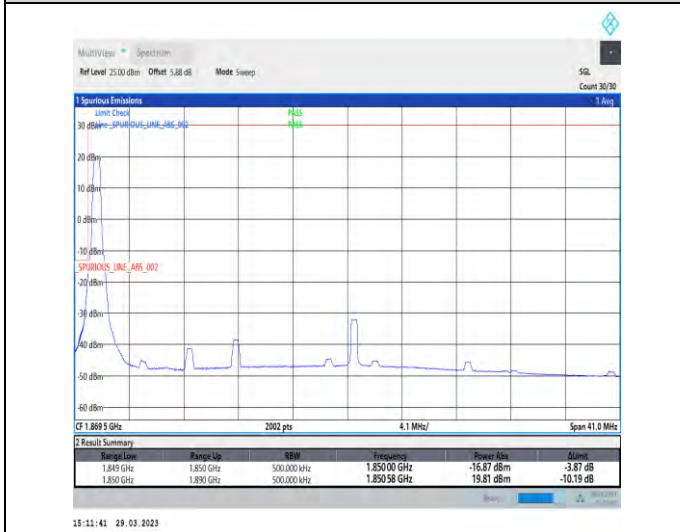
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1-N25-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



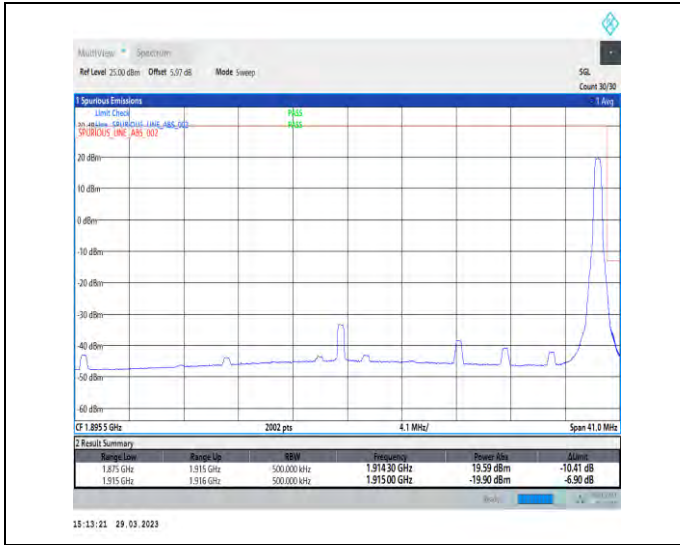
1-N25-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



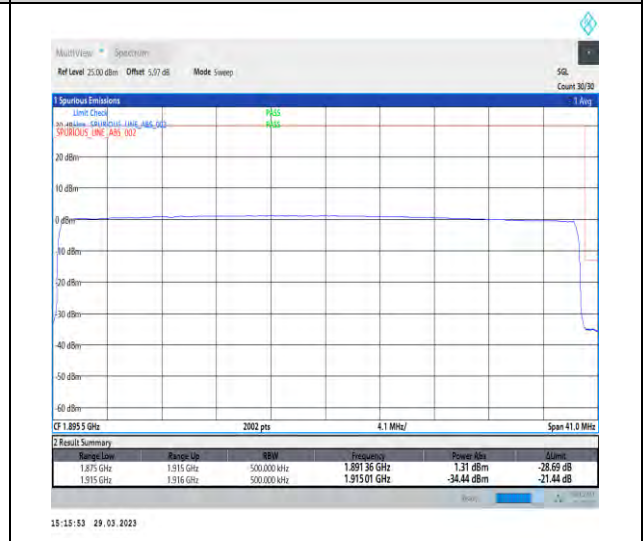
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1-N25-15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@215-Ant1-1-seegraph-PASS-see graph

1-N25-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



1-N25-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant1-1-seegraph-PASS-see graph

1-N25-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



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Conducted Spurious Emission for SA

Test Graphs

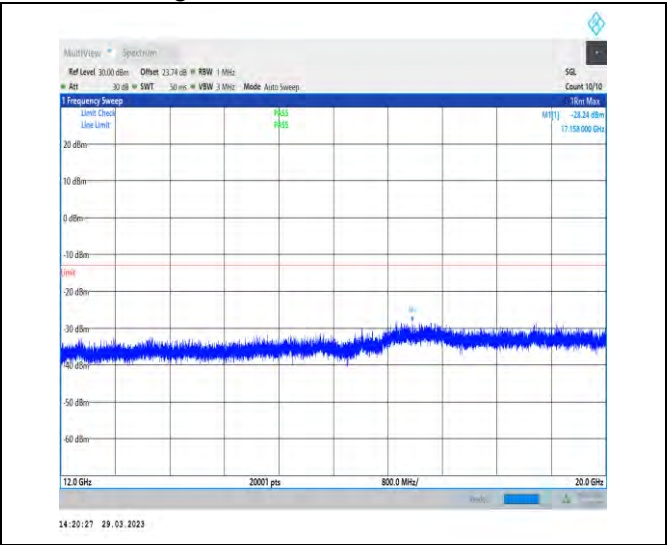
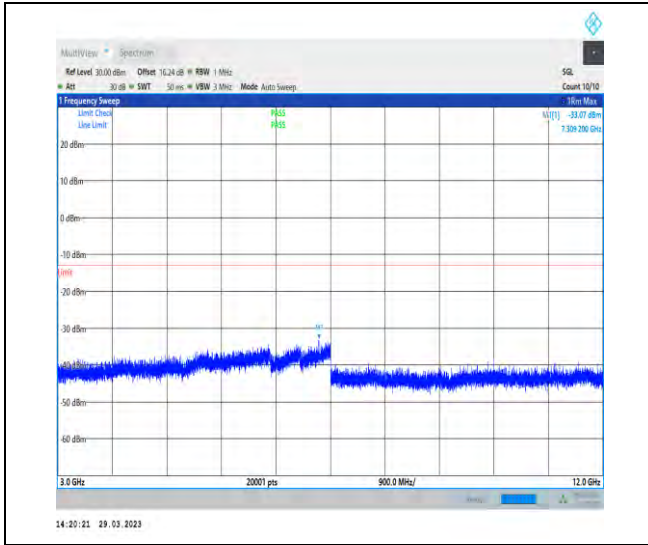
<p>1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-0.009-0.15-Ant1-0.06--100.54--43-PASS</p>	<p>1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-0.15-30-Ant1-29.52--96.26--33-PASS</p>
<p>1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-30-1000-Ant1-34.37--48.64--23-PASS</p>	<p>1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-1000-3000-Ant1-2886.00--39.35--13-PASS</p>



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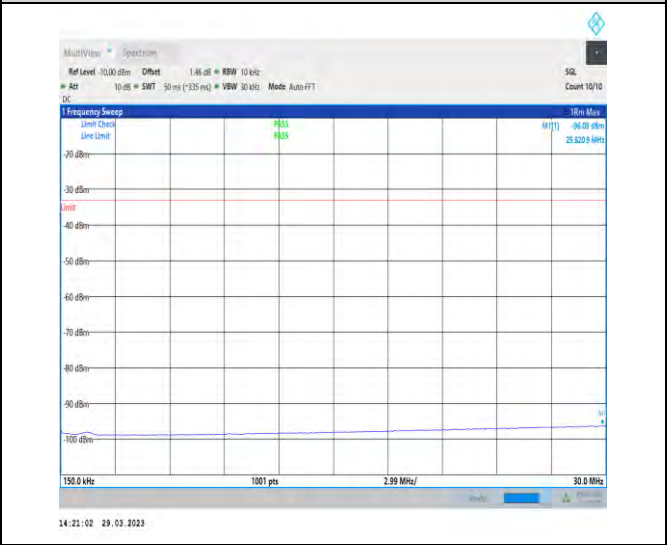
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1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-3000-12000-Ant1-7309.20--33.07--13-PASS

1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-12000-20000-Ant1-17158.00--28.24--13-PASS



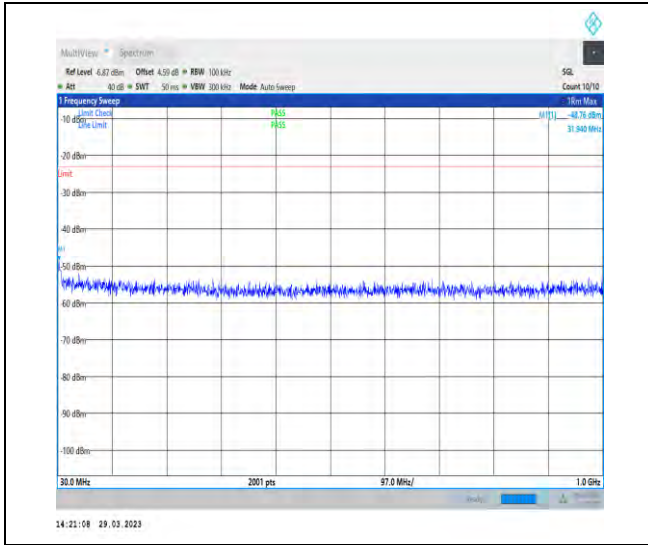
1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.009-0.15-Ant1-0.06--100.03--43-PASS

1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-29.82--96.09--33-PASS

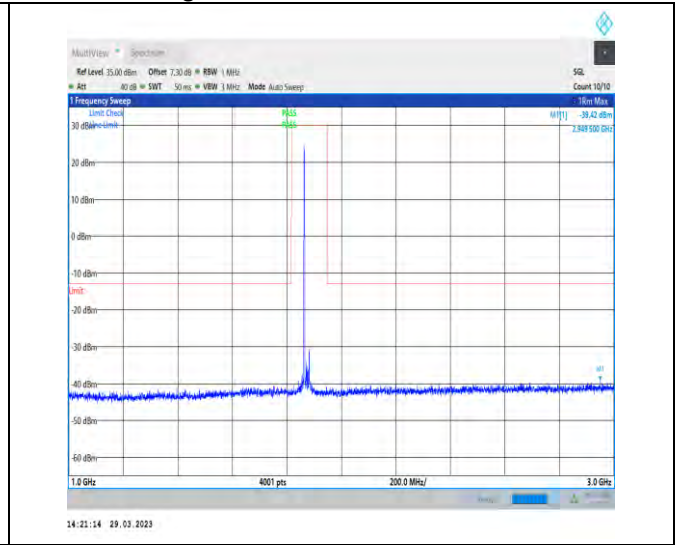


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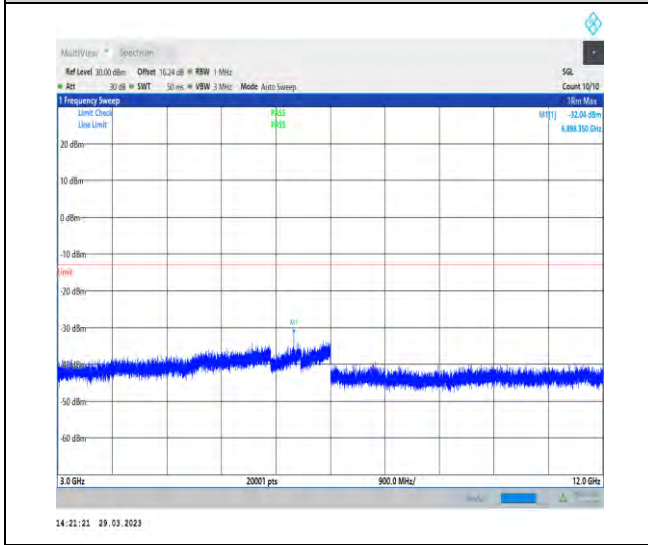
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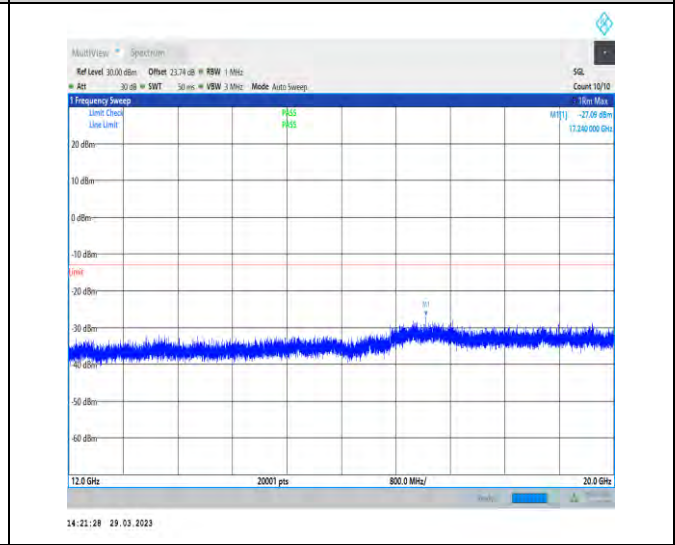
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1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-1000-3000-Ant1-2949.50--39.42--13-PASS



1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-3000-12000-Ant1-6898.35--32.04--13-PASS

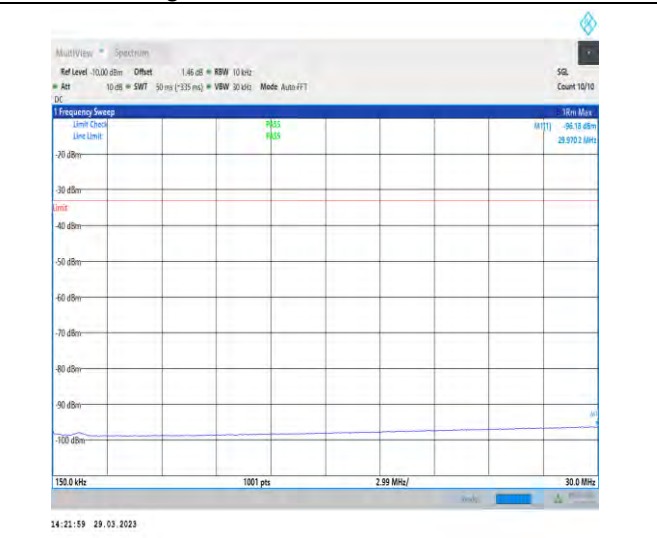
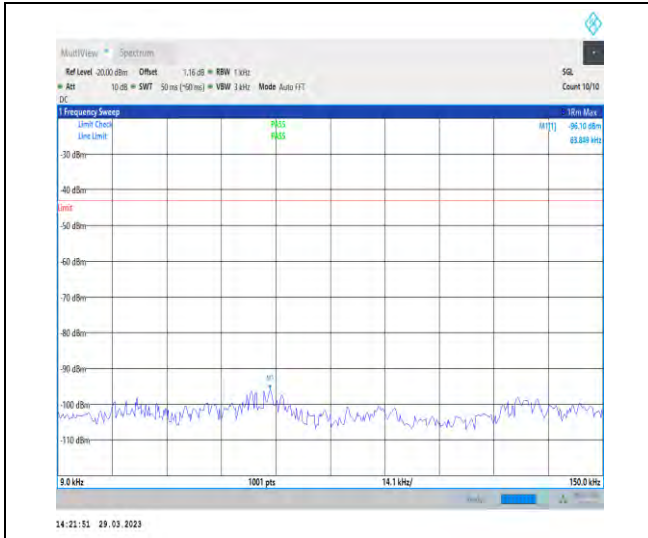


1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-12000-20000-Ant1-17240.00--27.09--13-PASS



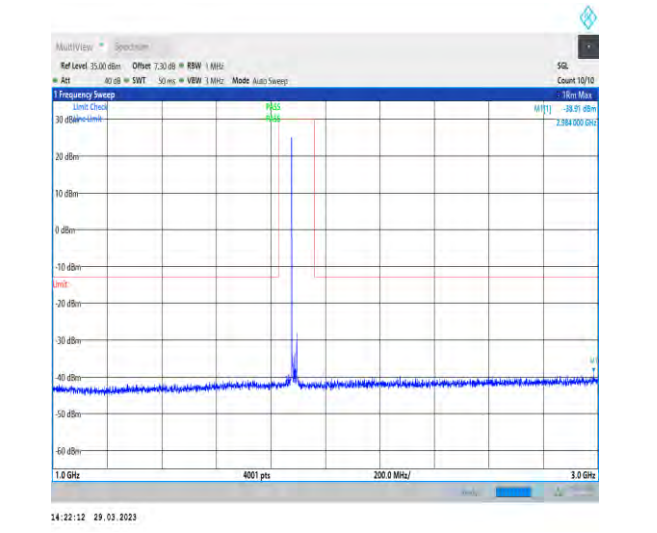
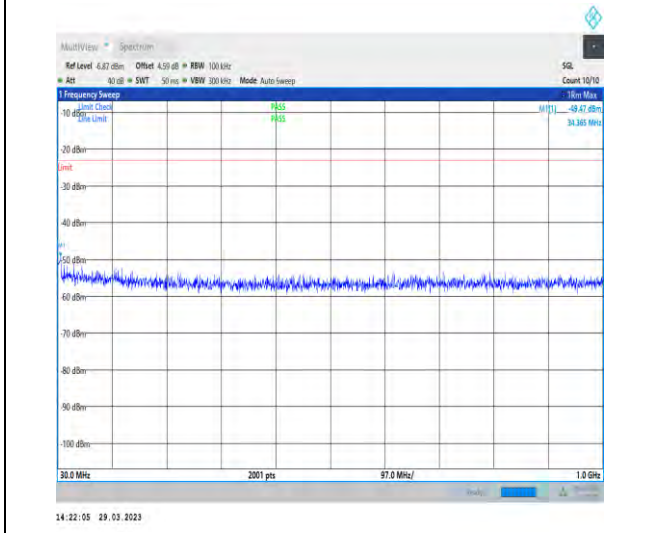
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1-N25-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.009-0.15-Ant1-0.06--96.10--43-PASS

1-N25-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-29.97--96.18--33-PASS



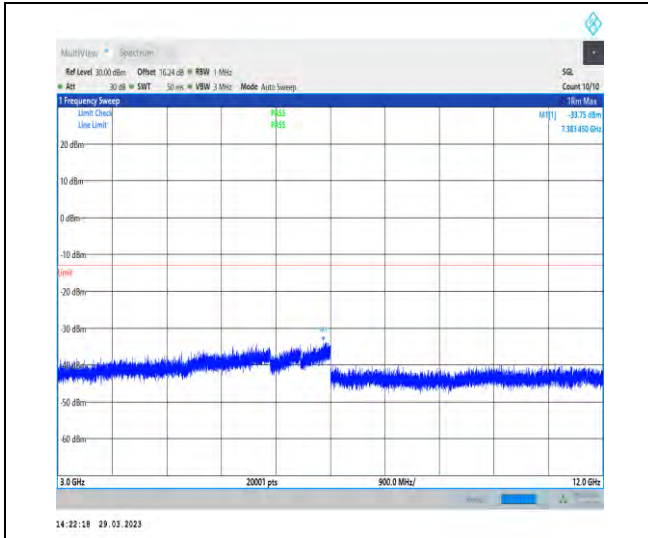
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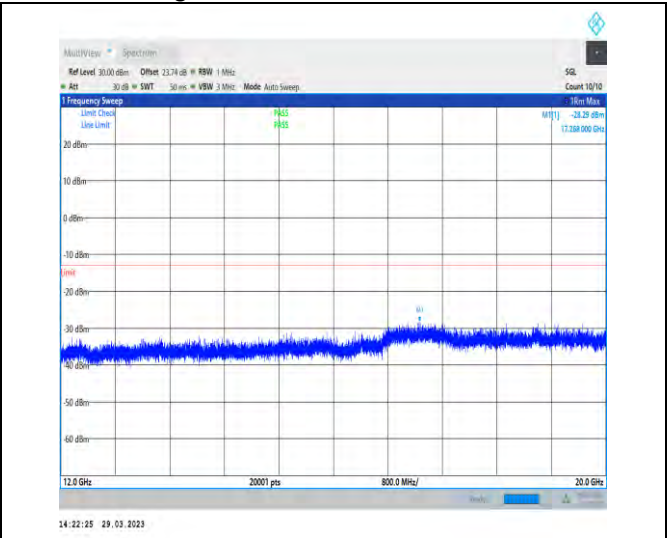


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1-N25-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1-7383.45--33.75--13-PASS



1-N25-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-20000-Ant1-17268.00--28.29--13-PASS



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Field Strength of Spurious Radiation

Test Band = NR SA Band 25_ 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	3726	45.38	-45.63	29.94	-65.57	-13.00	52.57	142	145	Horizontal
2	5556.27	41.07	-43.87	32.78	-65.28	-13.00	52.28	265	131	Horizontal
3	7408.36	38.31	-41.95	36.45	-62.45	-13.00	49.45	284	81	Horizontal
4	9260.45	33.60	-38.39	38.57	-61.48	-13.00	48.48	142	98	Horizontal
5	11112.54	32.15	-35.33	39.49	-58.95	-13.00	45.95	263	228	Horizontal
6	12964.63	33.54	-34.90	39.57	-57.05	-13.00	44.05	204	328	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	3726	46.72	-45.63	29.94	-64.23	-13.00	51.23	152	116	Vertical
2	5556.27	40.69	-43.87	32.78	-65.66	-13.00	52.66	296	82	Vertical
3	7408.36	37.62	-41.95	36.45	-63.14	-13.00	50.14	265	163	Vertical
4	9260.45	33.39	-38.39	38.57	-61.69	-13.00	48.69	284	360	Vertical
5	11112.54	31.73	-35.33	39.49	-59.37	-13.00	46.37	142	360	Vertical
6	12964.63	33.04	-34.90	39.57	-57.55	-13.00	44.55	263	359	Vertical



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Test Band = NR SA Band 25_ 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	3729.18	42.98	-45.62	29.95	-67.95	-13.00	54.95	102	216	Horizontal
2	5593.77	40.77	-43.86	32.90	-65.45	-13.00	52.45	285	360	Horizontal
3	7458.36	37.19	-41.76	36.48	-63.35	-13.00	50.35	263	359	Horizontal
4	9322.95	35.17	-38.34	38.57	-59.86	-13.00	46.86	265	164	Horizontal
5	11187.54	31.29	-35.01	39.41	-59.57	-13.00	46.57	241	247	Horizontal
6	13052.13	33.99	-34.68	39.63	-56.32	-13.00	43.32	182	359	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	3729.18	42.22	-45.62	29.95	-68.71	-13.00	55.71	142	246	Vertical
2	5593.77	40.33	-43.86	32.90	-65.89	-13.00	52.89	285	331	Vertical
3	7458.36	37.28	-41.76	36.48	-63.26	-13.00	50.26	263	246	Vertical
4	9322.95	34.98	-38.34	38.57	-60.05	-13.00	47.05	265	360	Vertical
5	11187.54	32.45	-35.01	39.41	-58.41	-13.00	45.41	284	114	Vertical
6	13052.13	33.62	-34.68	39.63	-56.69	-13.00	43.69	142	98	Vertical



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Test Band = NR SA Band 25_ 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	3754.18	42.17	-45.55	30.01	-68.63	-13.00	55.63	142	360	Horizontal
2	5631.27	41.01	-43.82	33.02	-65.05	-13.00	52.05	285	100	Horizontal
3	7508.36	38.08	-41.57	36.52	-62.23	-13.00	49.23	263	335	Horizontal
4	9385.45	34.21	-38.19	38.56	-60.68	-13.00	47.68	265	153	Horizontal
5	11262.54	31.83	-35.21	39.34	-59.30	-13.00	46.30	241	184	Horizontal
6	13139.63	30.90	-34.60	39.68	-59.28	-13.00	46.28	142	251	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	3754.18	42.84	-45.55	30.01	-67.96	-13.00	54.96	142	298	Vertical
2	5631.27	40.94	-43.82	33.02	-65.12	-13.00	52.12	285	46	Vertical
3	7508.36	38.64	-41.57	36.52	-61.67	-13.00	48.67	263	360	Vertical
4	9385.45	34.44	-38.19	38.56	-60.45	-13.00	47.45	265	360	Vertical
5	11262.54	31.08	-35.21	39.34	-60.05	-13.00	47.05	296	359	Vertical
6	13139.63	30.94	-34.60	39.68	-59.24	-13.00	46.24	241	3	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

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.700000	-0.003028	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.600000	0.000319	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.100000	-0.001647	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VH	NT	-5.900000	-0.003134	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VN	NT	-0.600000	-0.000319	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VL	NT	-4.800000	-0.002550	PASS

Frequency Error VS. 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	0.100000	0.000053	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	2.800000	0.001487	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.300000	0.000691	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.000000	-0.001062	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.500000	-0.001328	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.900000	-0.001541	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.900000	-0.000478	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.500000	-0.000266	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-0.200000	-0.000106	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-30	-3.300000	-0.001753	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-20	-8.100000	-0.004303	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-10	-4.300000	-0.002284	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	0	-1.600000	-0.000850	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	10	-4.500000	-0.002390	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	20	-0.900000	-0.000478	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	30	-2.300000	-0.001222	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	40	-3.000000	-0.001594	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	50	-6.000000	-0.003187	PASS

---End of Attachment---



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