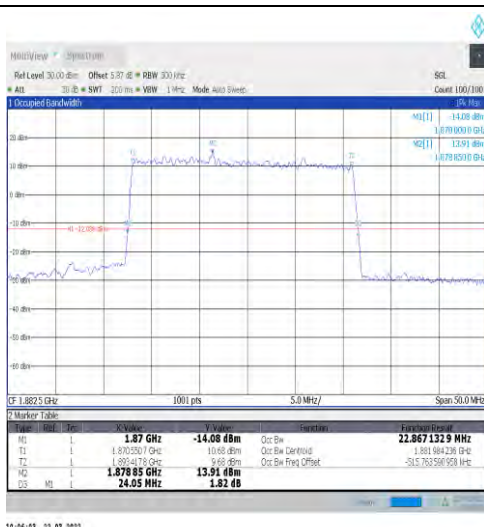


Report No.: SUZR/2022/1002202

Rev.: 02

Page: 54 of 104



1-N25-15-25-M-4-DFT-64QAM-Outer_Full-128@0-Ant1-22.867-24.050-≤25-PASS

1-N25-15-25-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-22.885-24.150-≤25-PASS



1-N25-15-25-M-6-CP-QPSK-Outer_Full-133@0-Ant1-23.77-25.250-≤25-PASS

1-N25-15-25-M-7-CP-16QAM-Outer_Full-133@0-Ant1-23.746-25.150-≤25-PASS



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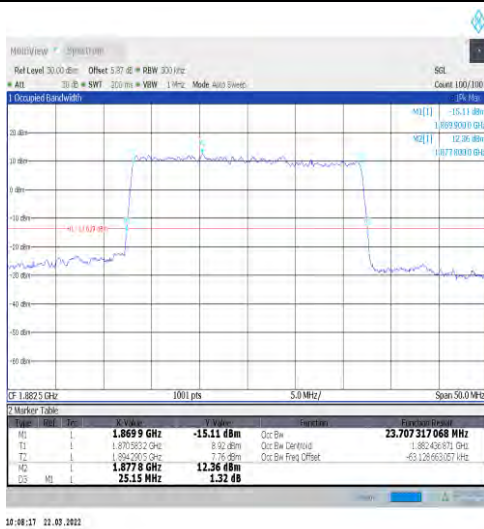
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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 55 of 104



1-N25-15-25-M-8-CP-64QAM-Outer_Full-133@0-Ant
1-23.707-25.150≤25-PASS

1-N25-15-25-M-9-CP-256QAM-Outer_Full-133@0-Ant
1-23.702-25.100≤25-PASS



1-N25-15-25-H-1-DFT-QPSK-Outer_Full-128@0-Ant
1-22.815-24.200≤25-PASS

1-N25-15-25-H-2-DFT-PI2BPSK-Outer_Full-128@0-Ant
1-22.809-24.050≤25-PASS



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 56 of 104



1-N25-15-25-H-3-DFT-16QAM-Outer_Full-128@0-A
nt1-22.863-24.150-≤25-PASS

1-N25-15-25-H-4-DFT-64QAM-Outer_Full-128@0-A
nt1-22.869-24.100-≤25-PASS



1-N25-15-25-H-5-DFT-256QAM-Outer_Full-128@0-A
Ant1-22.877-24.050-≤25-PASS

1-N25-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant1
-23.774-25.100-≤25-PASS



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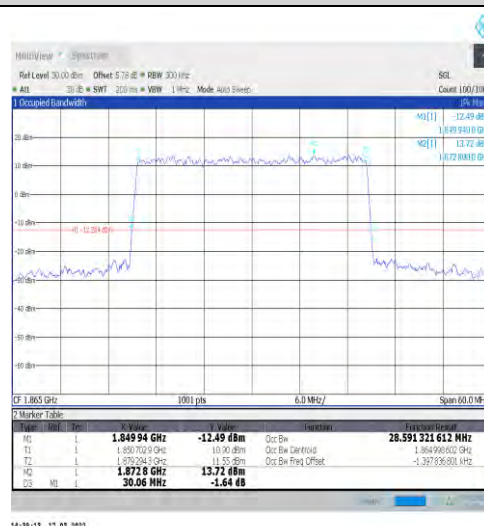
Rev.: 02

Page: 57 of 104



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1-23.735-25.150-≤25-PASS

1-N25-15-25-H-8-CP-64QAM-Outer_Full-133@0-Ant
1-23.693-25.150-≤25-PASS



1-N25-15-25-H-9-CP-256QAM-Outer_Full-133@0-Ant
1-23.704-25.100-≤25-PASS

1-N25-15-30-L-1-DFT-QPSK-Outer_Full-160@0-Ant
1-28.591-30.060-≤30-PASS



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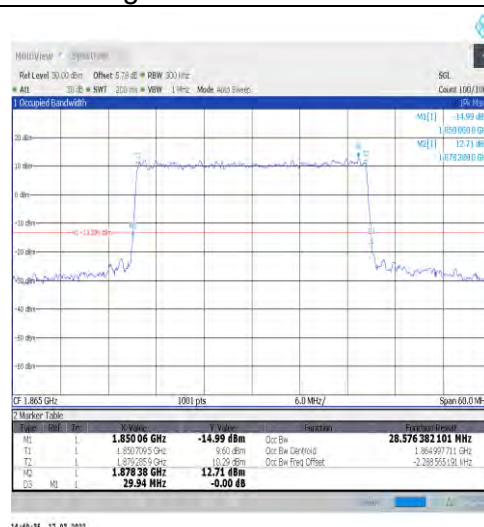
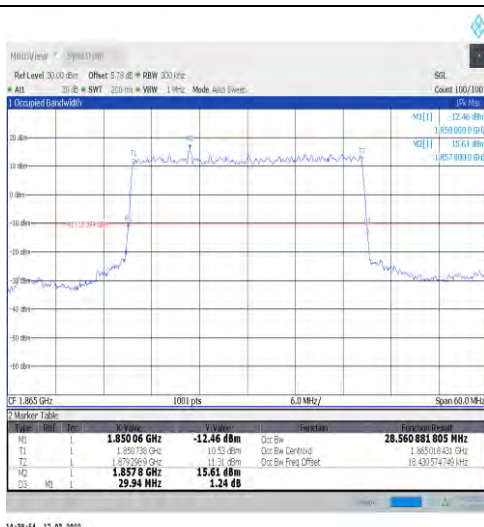
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Rev.: 02

Page: 58 of 104



1-N25-15-30-L-2-DFT-PI2BPSK-Outer_Full-160@0-Ant1-28.561-29.940-≤30-PASS

1-N25-15-30-L-3-DFT-16QAM-Outer_Full-160@0-An t1-28.576-29.940-≤30-PASS



1-N25-15-30-L-4-DFT-64QAM-Outer_Full-160@0-An t1-28.514-30.000-≤30-PASS

1-N25-15-30-L-5-DFT-256QAM-Outer_Full-160@0-A nt1-28.661-29.940-≤30-PASS



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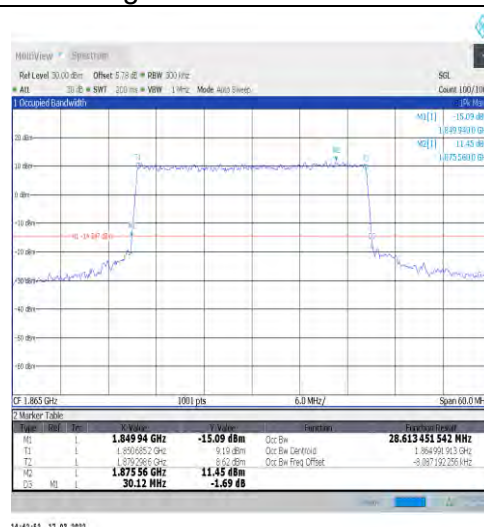
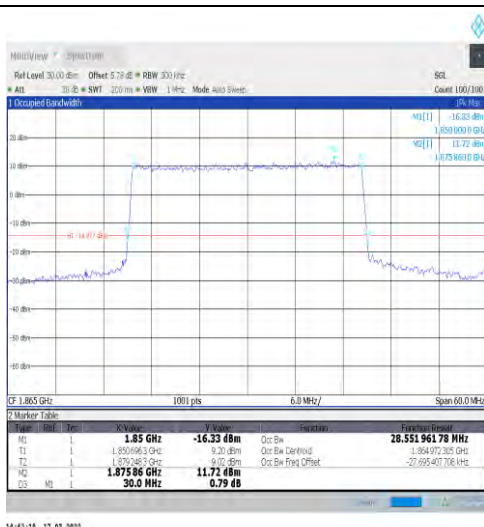
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Rev.: 02

Page: 59 of 104



1-N25-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant1-28.552-30.000-≤30-PASS

1-N25-15-30-L-7-CP-16QAM-Outer_Full-160@0-Ant1-28.613-30.120-≤30-PASS



1-N25-15-30-L-8-CP-64QAM-Outer_Full-160@0-Ant1-28.571-30.060-≤30-PASS

1-N25-15-30-L-9-CP-256QAM-Outer_Full-160@0-Ant1-28.585-30.060-≤30-PASS



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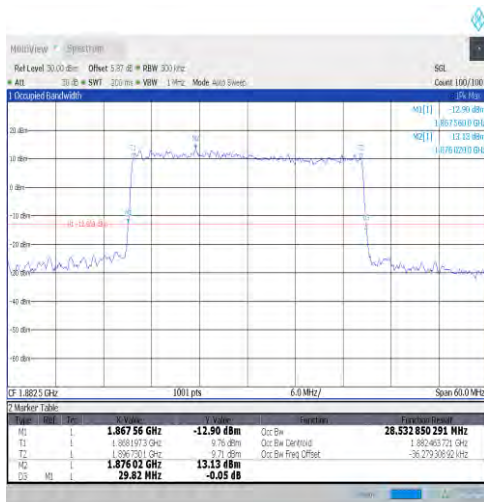
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1-N25-15-30-M-2-DFT-PI2BPSK-Outer_Full-160@0-Ant
1-28.519-29.820-≤30-PASS



14:46:17 17.03.2022



14:46:51 17.03.2022

1-N25-15-30-M-3-DFT-16QAM-Outer_Full-160@0-Ant
1-28.533-29.820-≤30-PASS

1-N25-15-30-M-4-DFT-64QAM-Outer_Full-160@0-Ant
1-28.488-29.940-≤30-PASS



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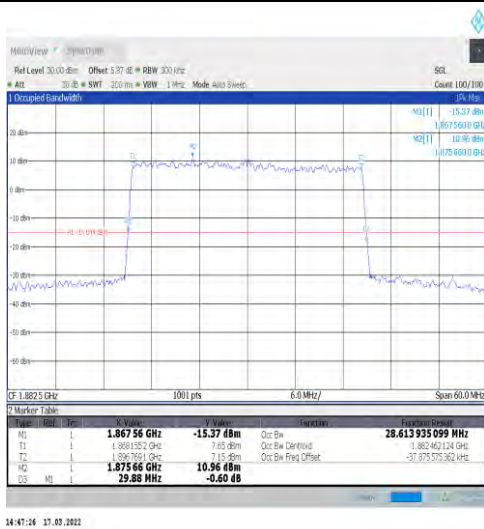
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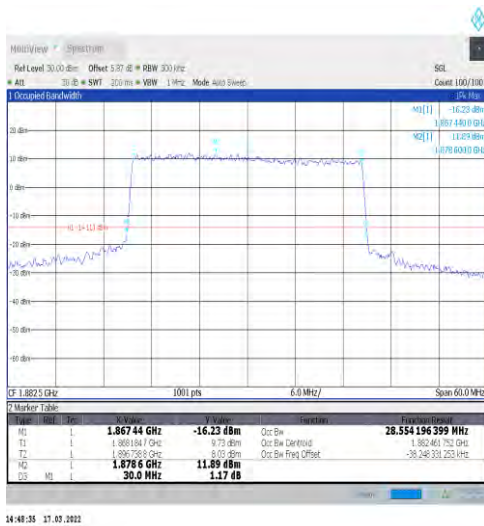
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Page: 61 of 104



1-N25-15-30-M-5-DFT-256QAM-Outer_Full-160@0-Ant1-28.614-29.880-≤30-PASS

1-N25-15-30-M-6-CP-QPSK-Outer_Full-160@0-Ant1-28.523-29.940-≤30-PASS



1-N25-15-30-M-7-CP-16QAM-Outer_Full-160@0-Ant1-28.554-30.000-≤30-PASS

1-N25-15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant1-28.541-30.000-≤30-PASS



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Rev.: 02

Page: 62 of 104



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1-N25-15-30-M-9-CP-256QAM-Outer_Full-160@0-A
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14:52:07 17.03.2022

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1-N25-15-30-H-3-DFT-16QAM-Outer_Full-160@0-A
nt1-28.542-30.000-≤30-PASS



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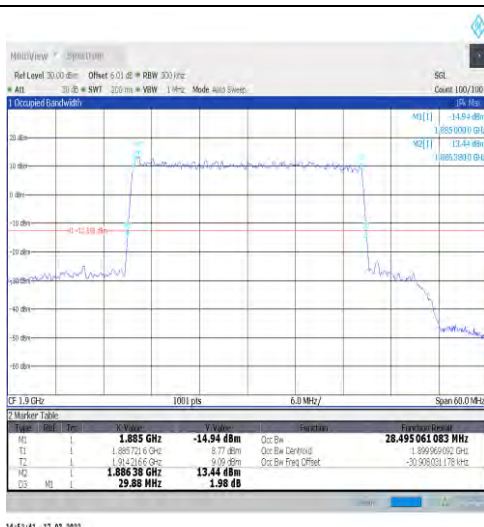
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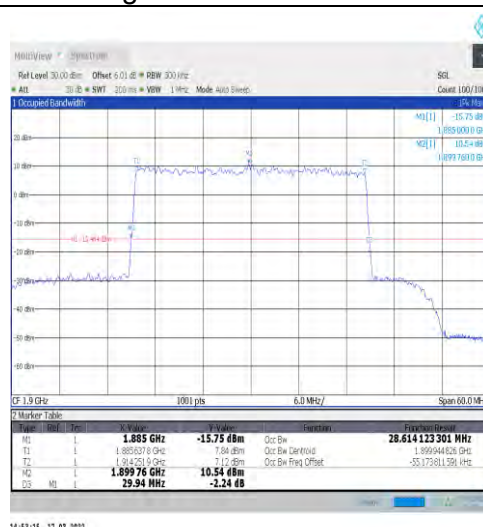
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Rev.: 02

Page: 63 of 104



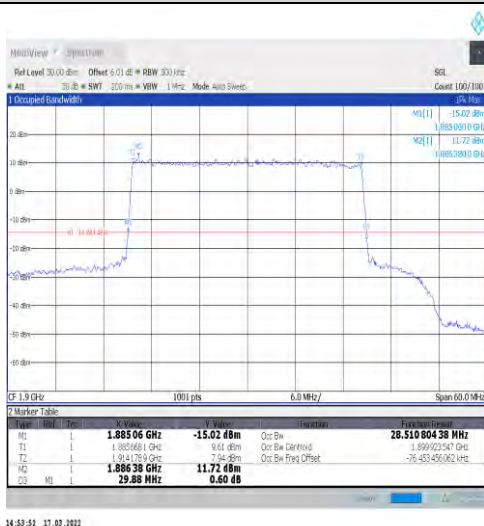
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14:54:15 17.03.2022

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1-N25-15-30-H-7-CP-16QAM-Outer_Full-160@0-Ant
1-28.563-30.000-≤30-PASS



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 64 of 104



1-N25-15-30-H-8-CP-64QAM-Outer_Full-160@0-Ant
1-28.53-30.000-≤30-PASS

1-N25-15-30-H-9-CP-256QAM-Outer_Full-160@0-A
nt1-28.546-30.000-≤30-PASS



1-N25-15-40-L-1-DFT-QPSK-Outer_Full-216@0-Ant
1-38.637-40.400-≤40-PASS

1-N25-15-40-L-2-DFT-PI2BPSK-Outer_Full-216@0-
Ant1-38.462-40.320-≤40-PASS



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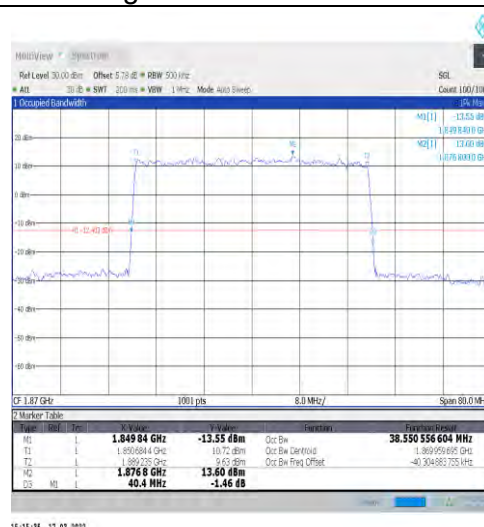
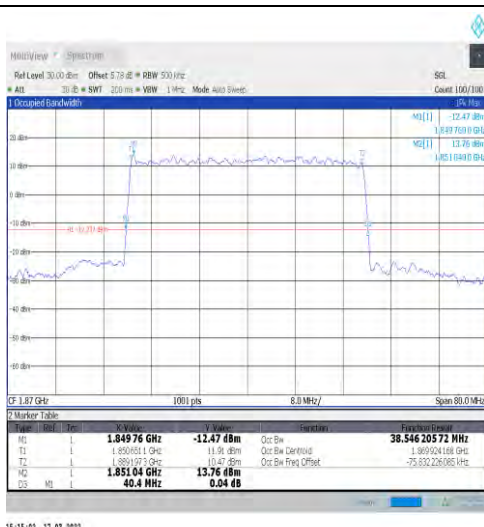
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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 65 of 104



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1-N25-15-40-L-4-DFT-64QAM-Outer_Full-216@0-An
t1-38.551-40.400-≤40-PASS



1-N25-15-40-L-5-DFT-256QAM-Outer_Full-216@0-A
nt1-38.48-40.400-≤40-PASS

1-N25-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant1
38.565-40.320-≤40-PASS



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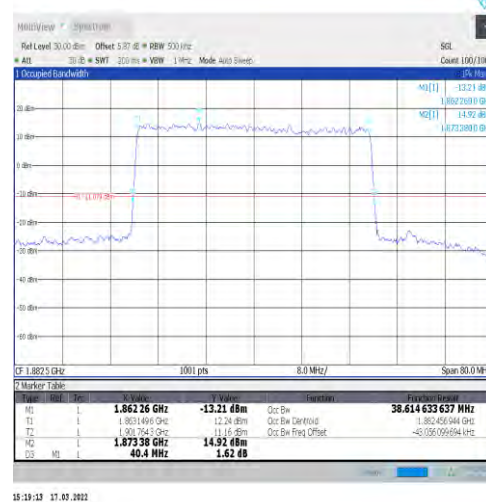
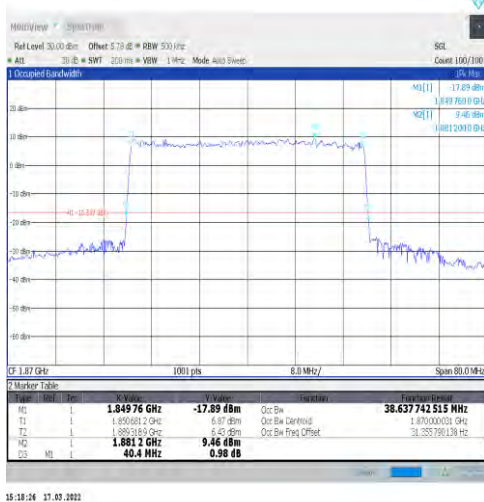
Rev.: 02

Page: 66 of 104



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1-N25-15-40-L-8-CP-64QAM-Outer_Full-216@0-Ant
1-38.529-40.400-≤40-PASS



1-N25-15-40-L-9-CP-256QAM-Outer_Full-216@0-Ant
t1-38.638-40.400-≤40-PASS

1-N25-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant
1-38.615-40.400-≤40-PASS



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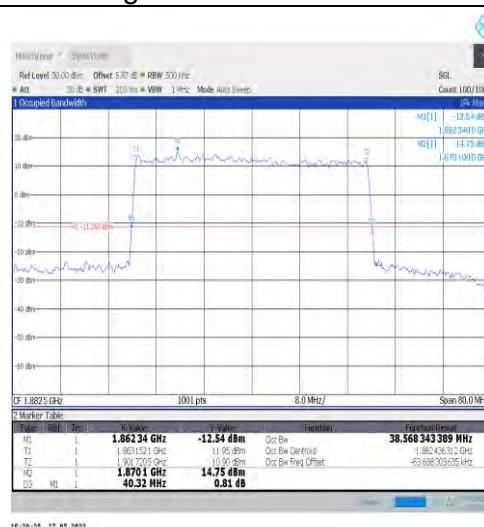
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Rev.: 02

Page: 67 of 104



1-N25-15-40-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant1-38.483-40.320-≤40-PASS

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1-N25-15-40-M-4-DFT-64QAM-Outer_Full-216@0-Ant1-38.584-40.400-≤40-PASS

1-N25-15-40-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-38.521-40.400-≤40-PASS



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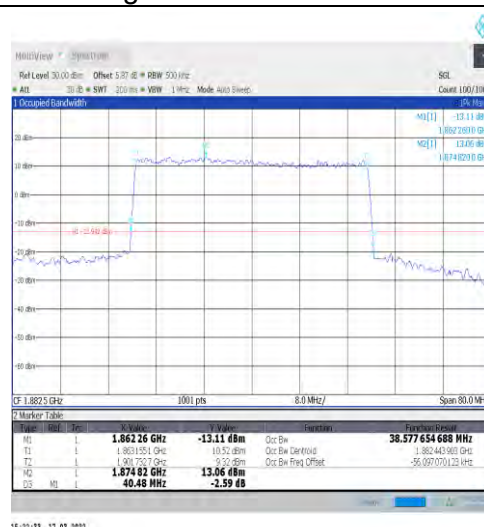
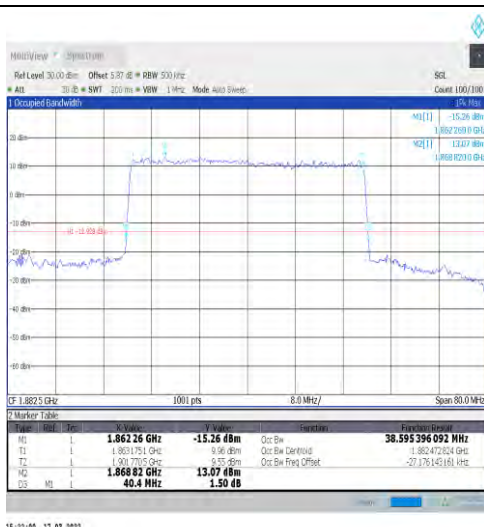
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Rev.: 02

Page: 68 of 104



1-N25-15-40-M-6-CP-QPSK-Outer_Full-216@0-Ant1
-38.595-40.400-≤40-PASS

1-N25-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant
1-38.578-40.480-≤40-PASS



1-N25-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant
1-38.555-40.480-≤40-PASS

1-N25-15-40-M-9-CP-256QAM-Outer_Full-216@0-A
nt1-38.67-40.400-≤40-PASS



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Rev.: 02

Page: 69 of 104



1-N25-15-40-H-1-DFT-QPSK-Outter_Full-216@0-Ant
1-38.603-40.320-≤40-PASS

1-N25-15-40-H-2-DFT-PI2BPSK-Outter_Full-216@0-Ant
1-38.486-40.400-≤40-PASS



1-N25-15-40-H-3-DFT-16QAM-Outter_Full-216@0-Ant
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1-N25-15-40-H-4-DFT-64QAM-Outter_Full-216@0-Ant
nt1-38.574-40.400-≤40-PASS



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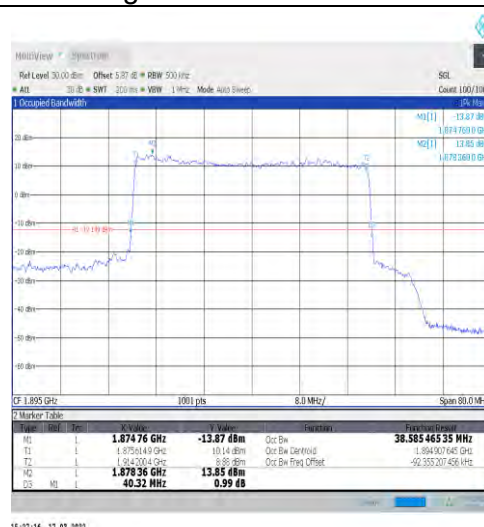
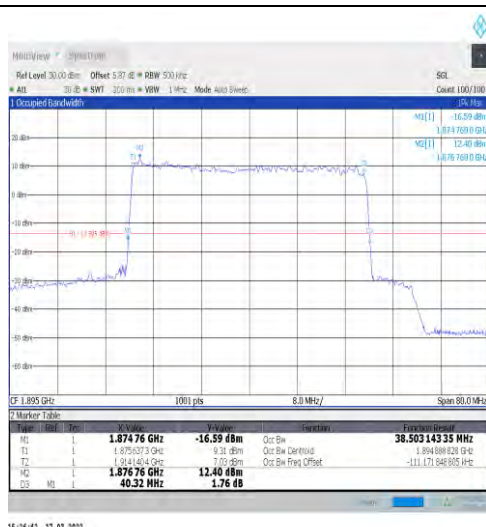
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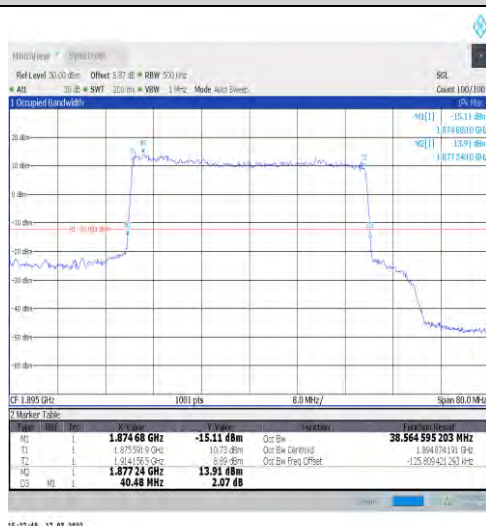
Rev.: 02

Page: 70 of 104



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1-N25-15-40-H-7-CP-16QAM-Outer_Full-216@0-Ant1-38.565-40.480-≤40-PASS

1-N25-15-40-H-8-CP-64QAM-Outer_Full-216@0-Ant1-38.533-40.400-≤40-PASS



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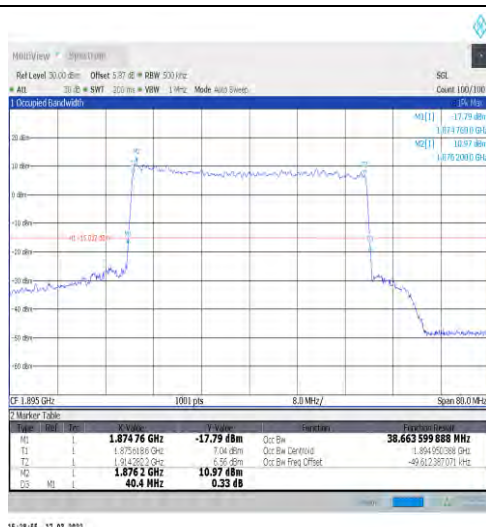
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Rev.: 02

Page: 71 of 104



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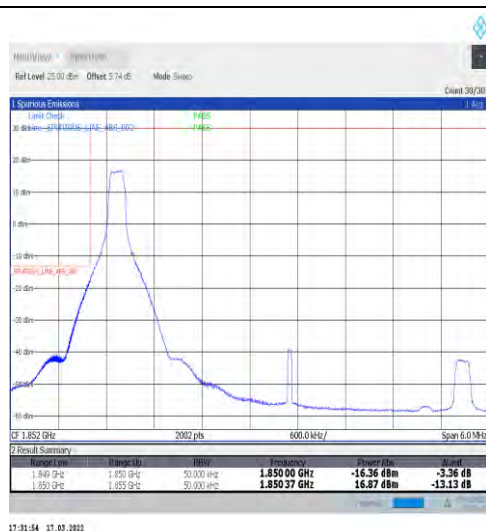
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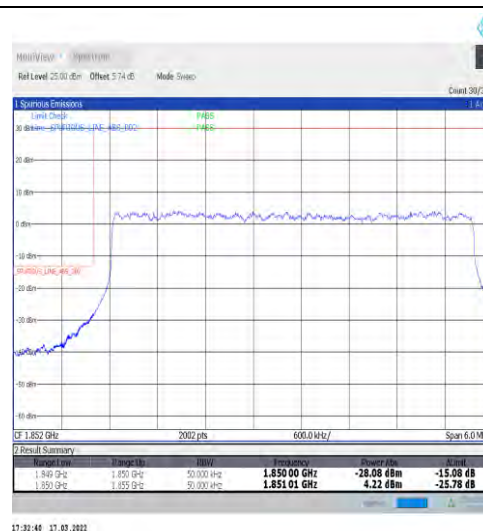
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Rev.: 02
Page: 72 of 104

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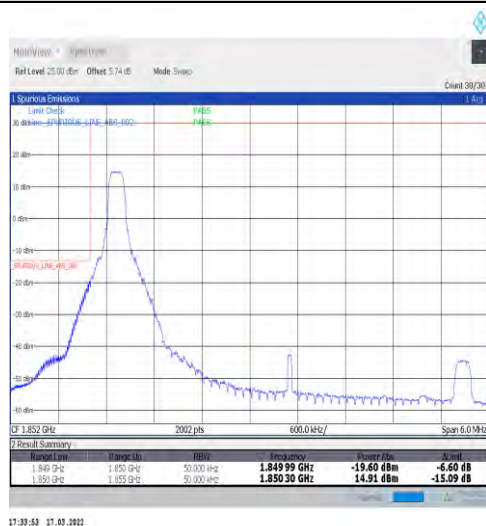
Test Graphs



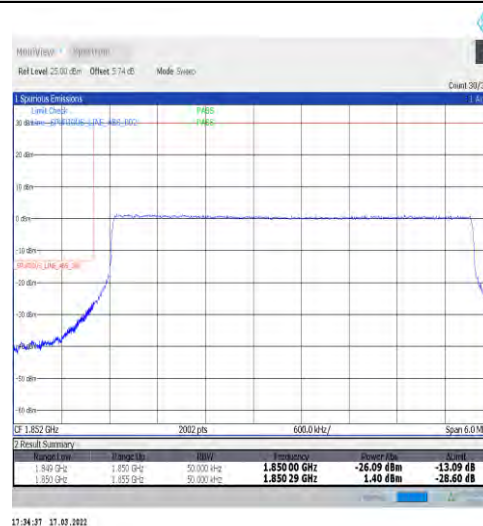
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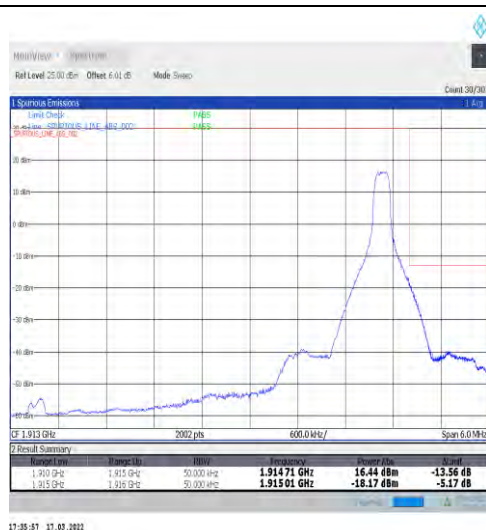
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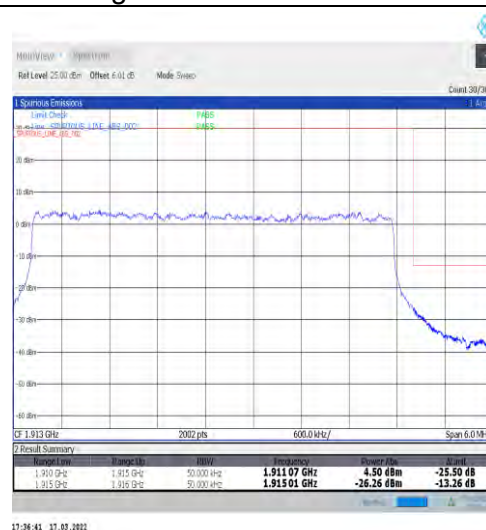
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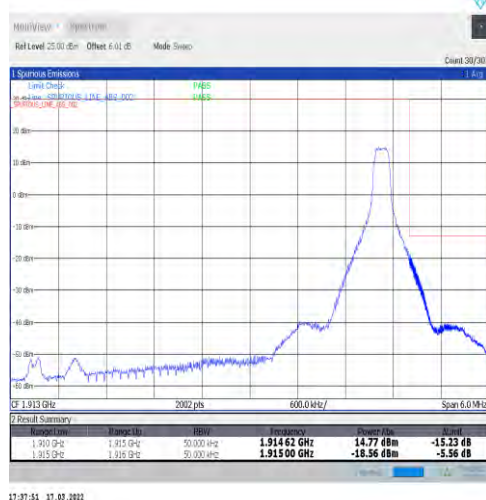
Page: 73 of 104



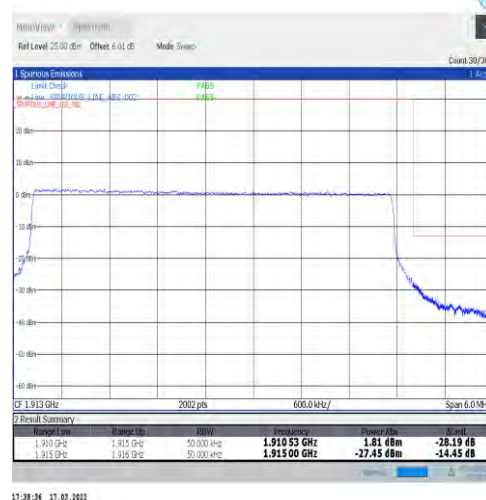
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4-Ant1-seegraph-PASS-see graph



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1-N25-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-An
t1-seegraph-PASS-see graph



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



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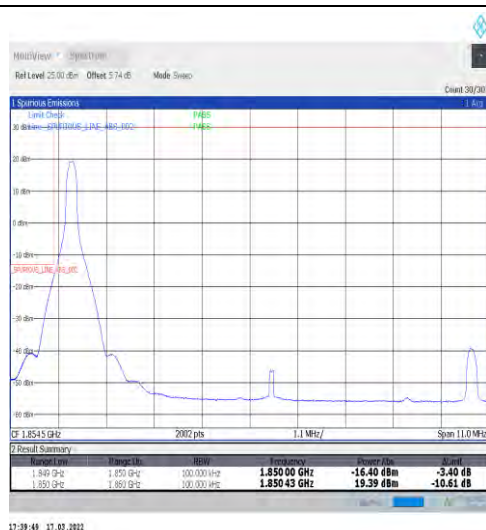
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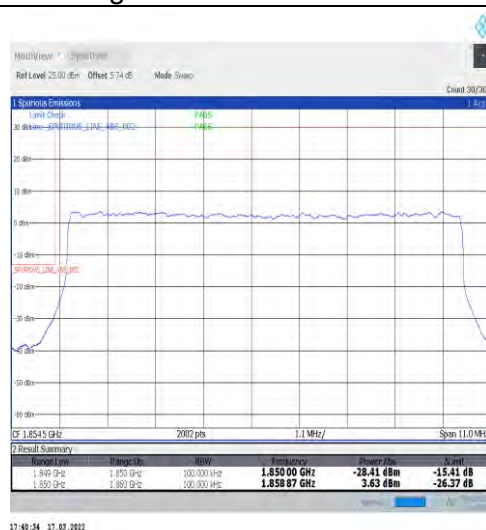
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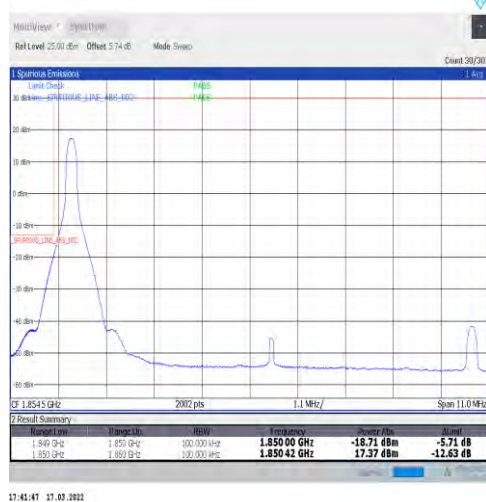
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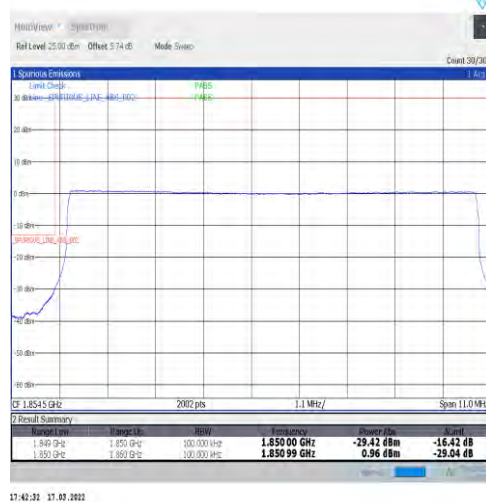
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1-N25-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



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



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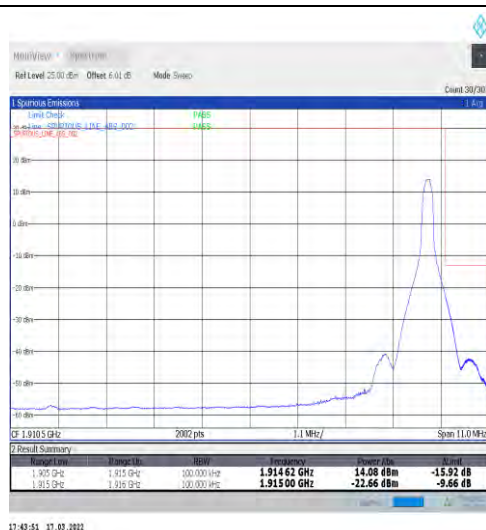
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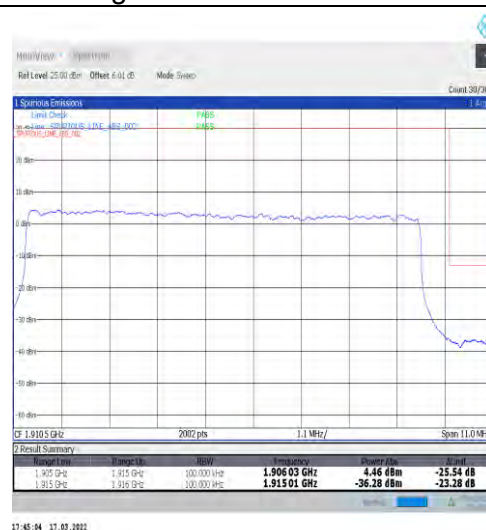
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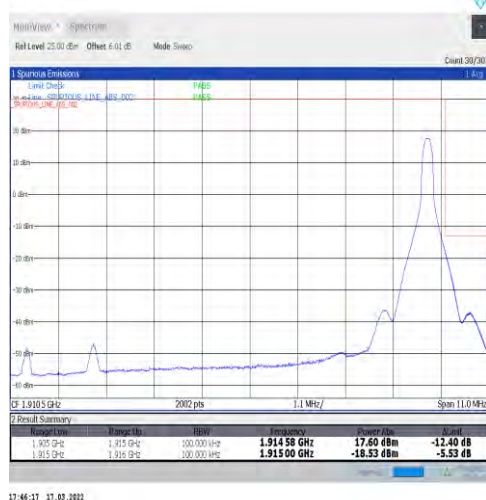
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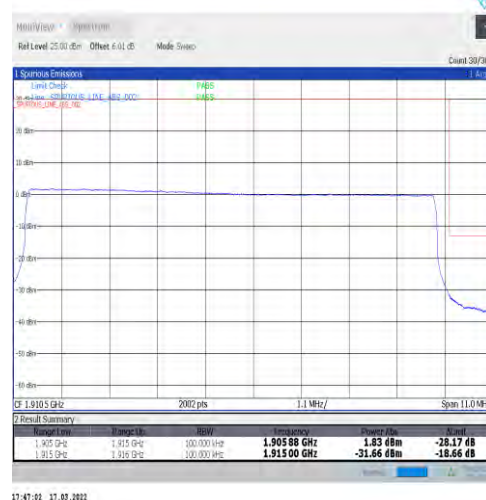
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1-N25-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph



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



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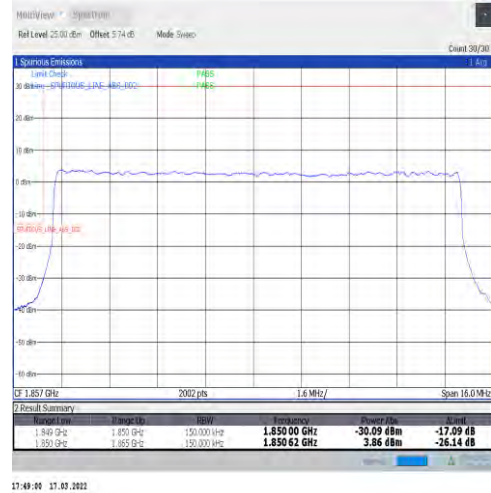
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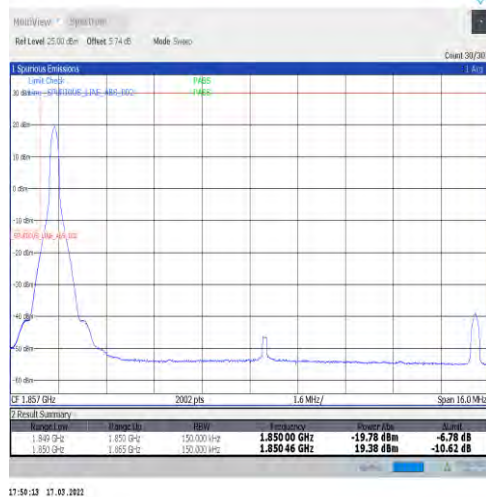
Page: 76 of 104



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



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



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



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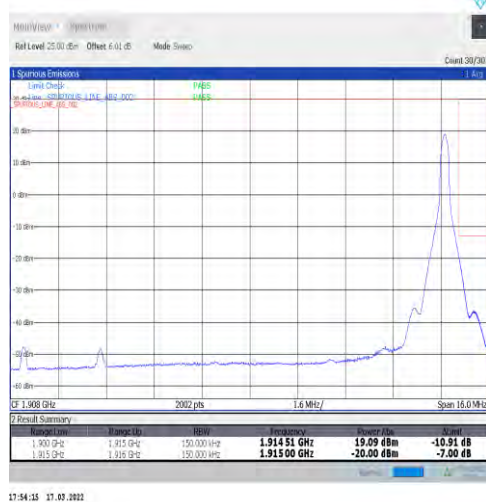
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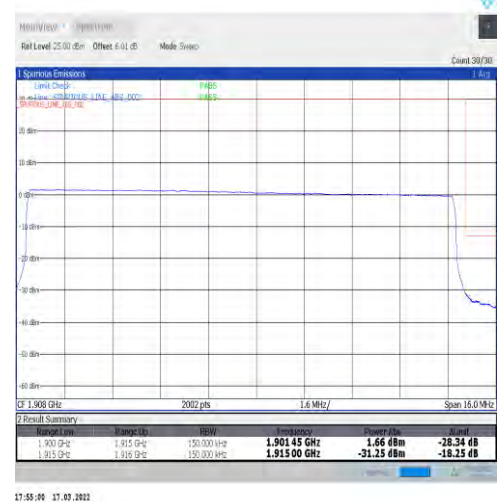
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1-N25-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph



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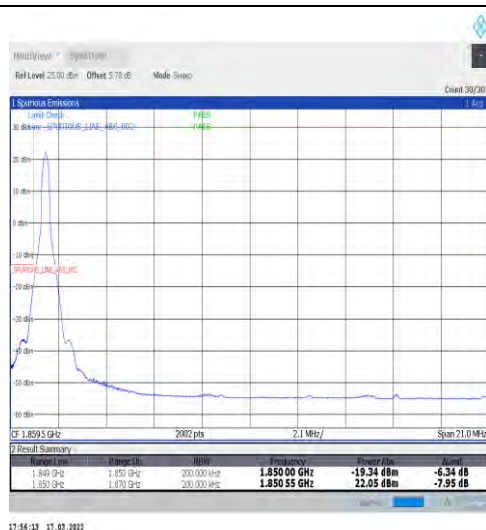
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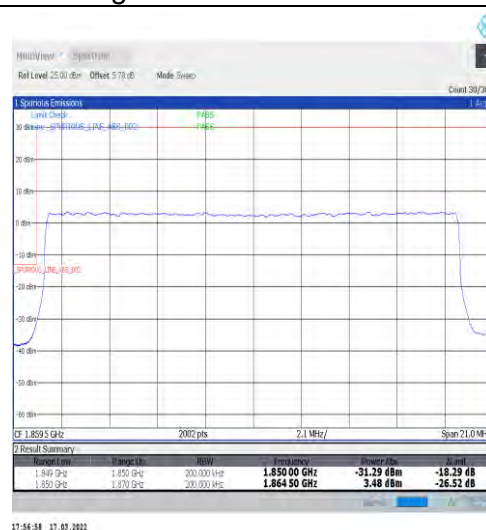
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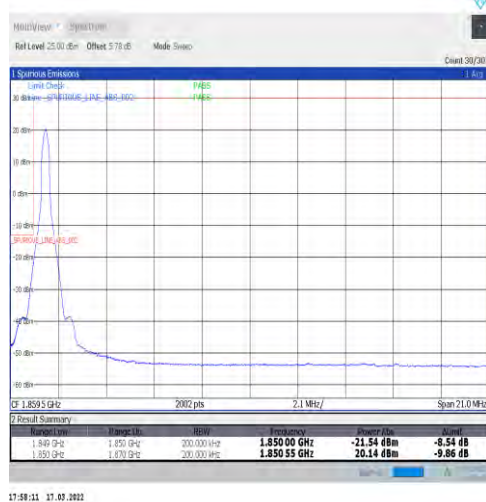
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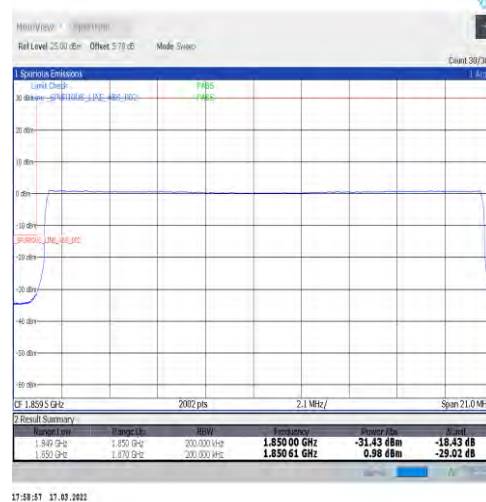
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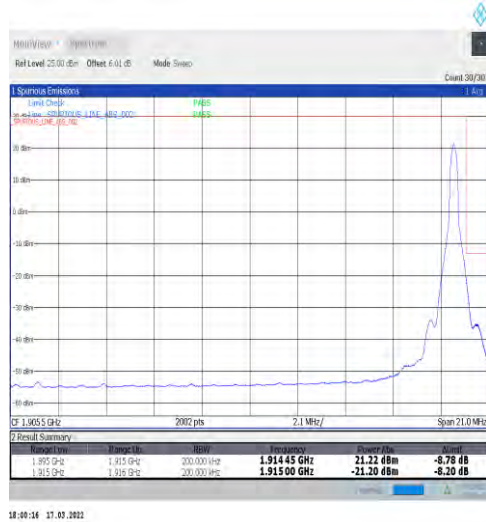
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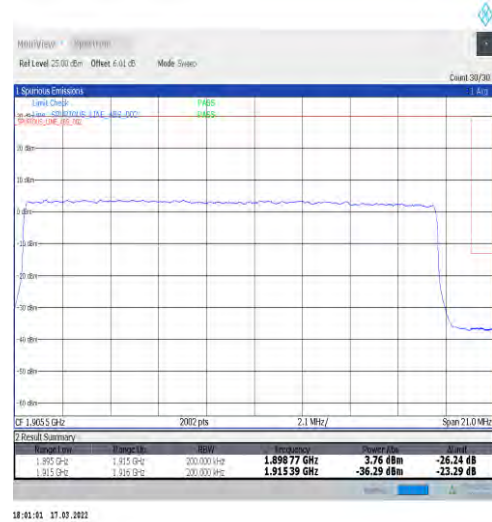
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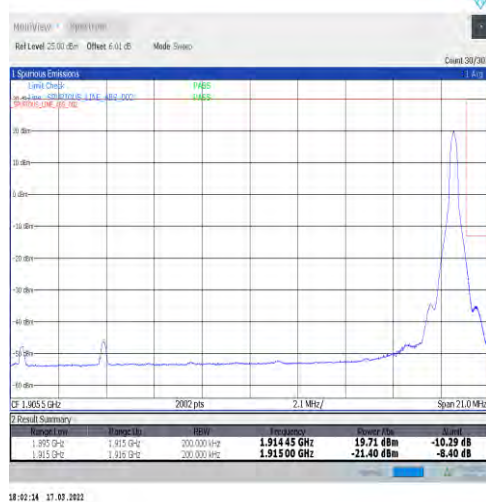
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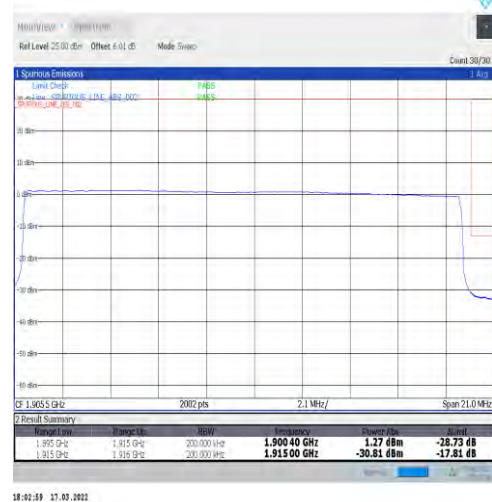
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1-N25-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph



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



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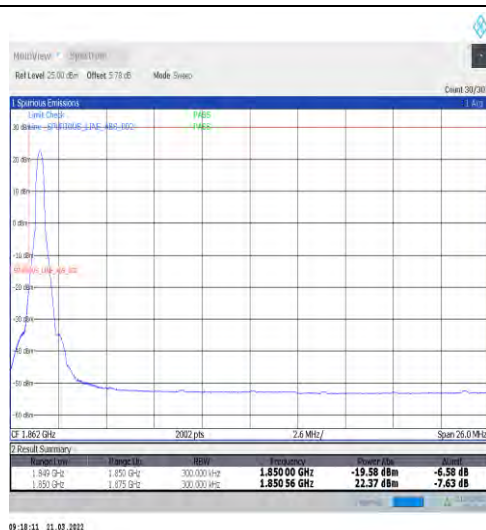
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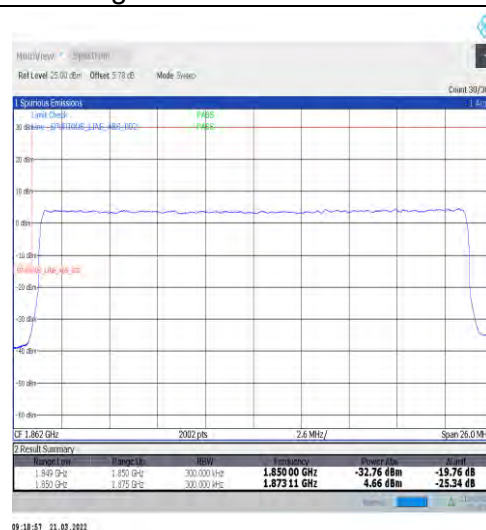
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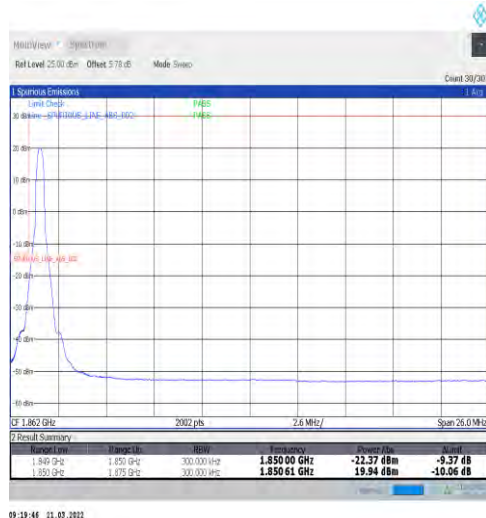
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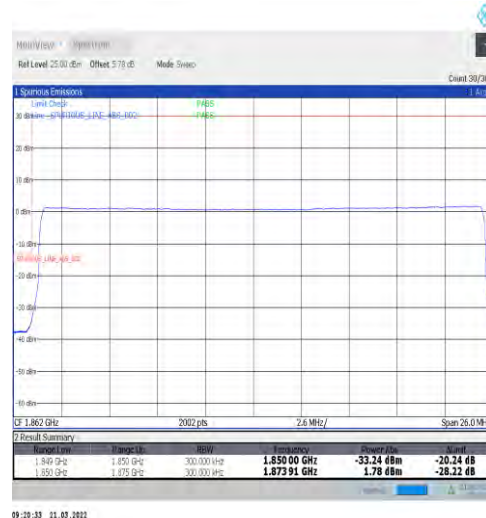
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1-N25-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



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



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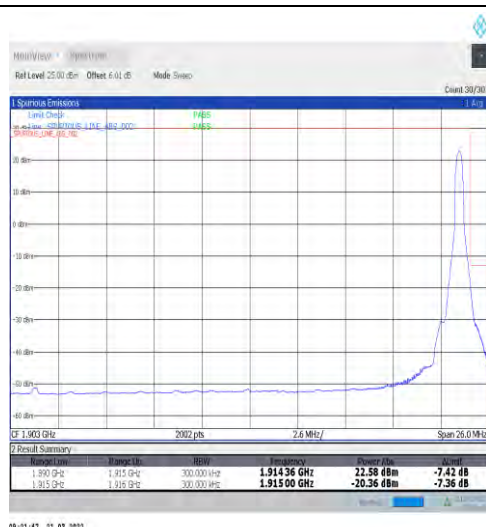
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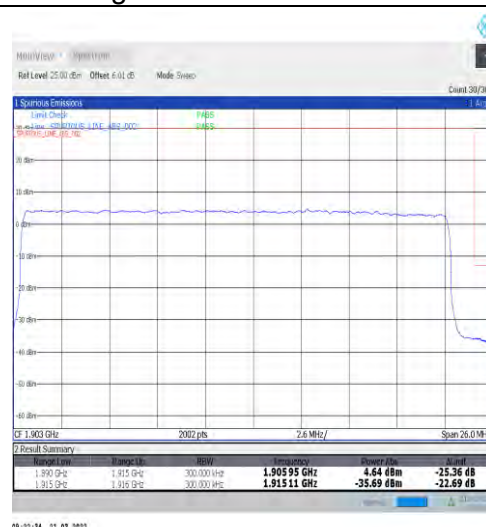
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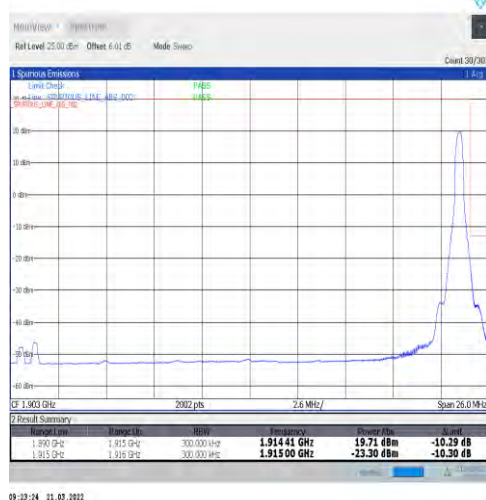
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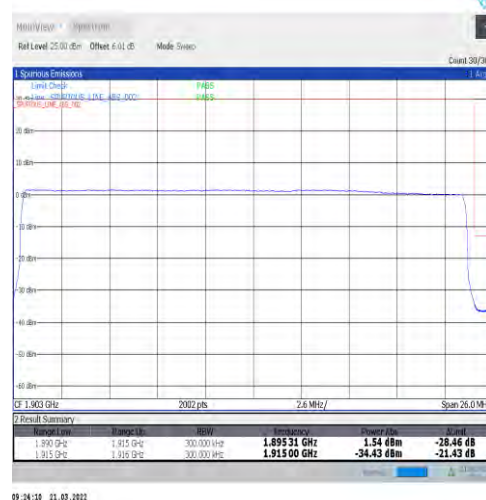
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1-N25-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-seegraph-PASS-see graph



1-N25-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-seegraph-PASS-see graph



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



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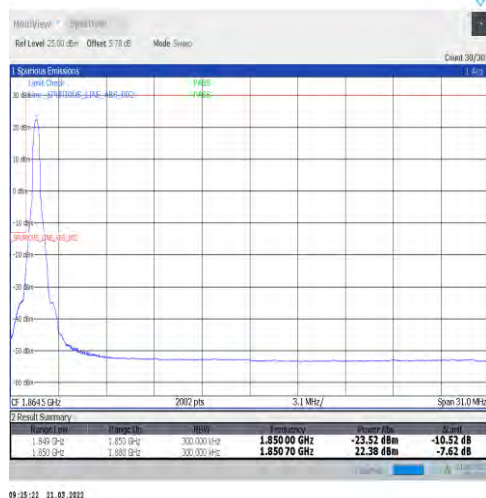
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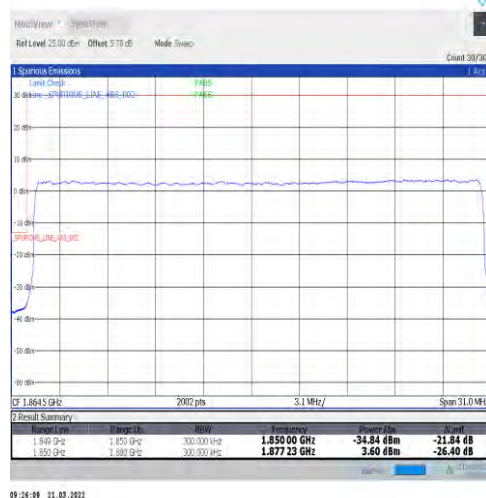
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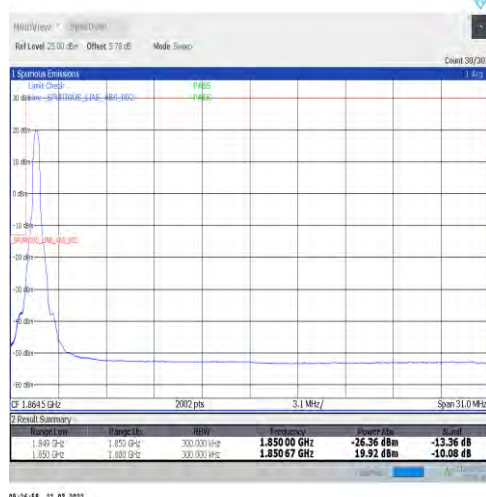
Page: 82 of 104



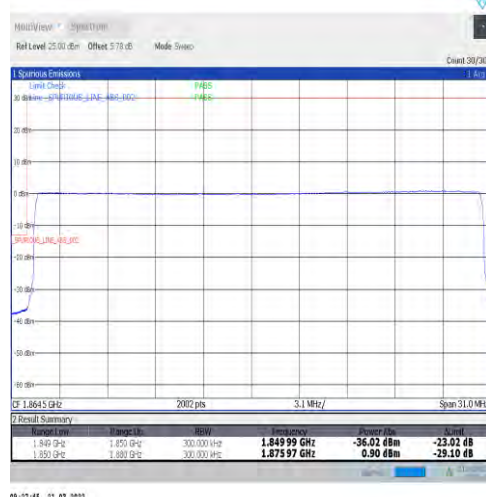
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1-N25-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



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



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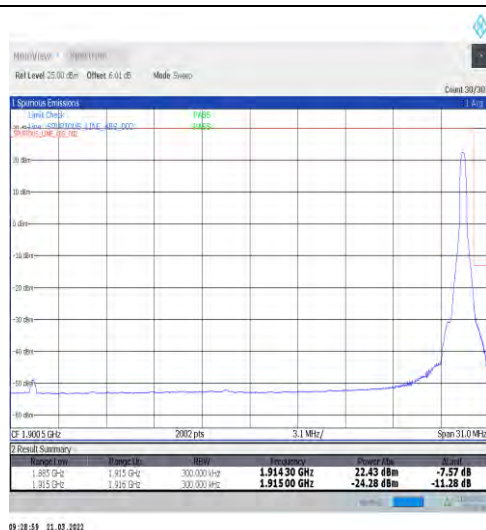
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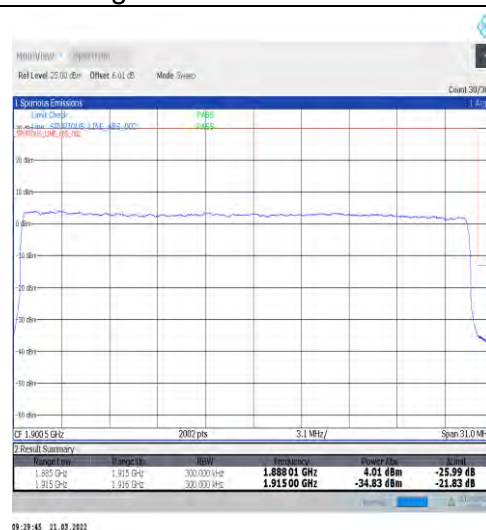
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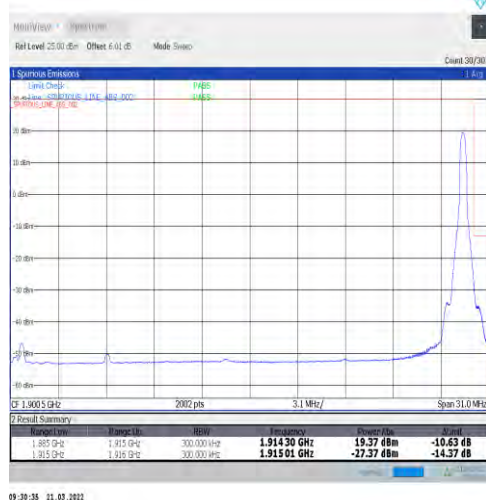
Page: 83 of 104



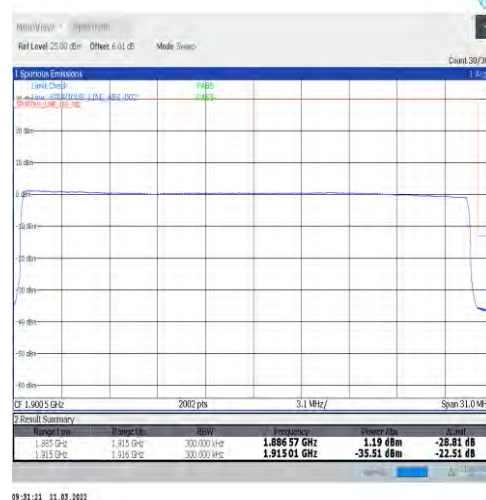
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1-N25-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant1-seegraph-PASS-see graph



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



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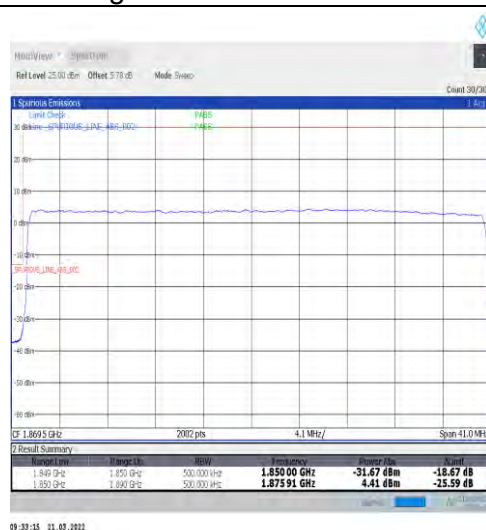
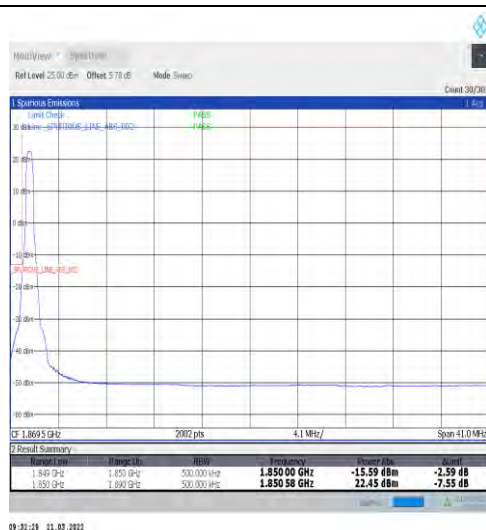
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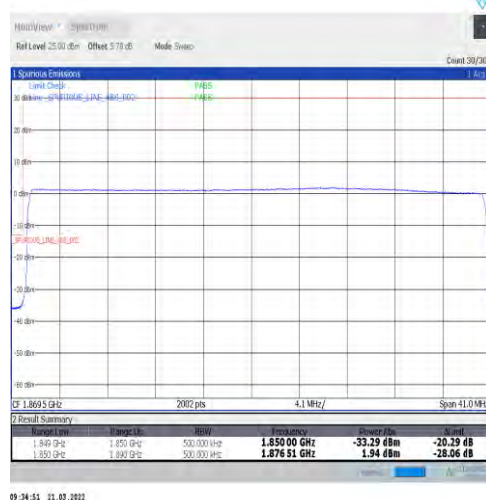
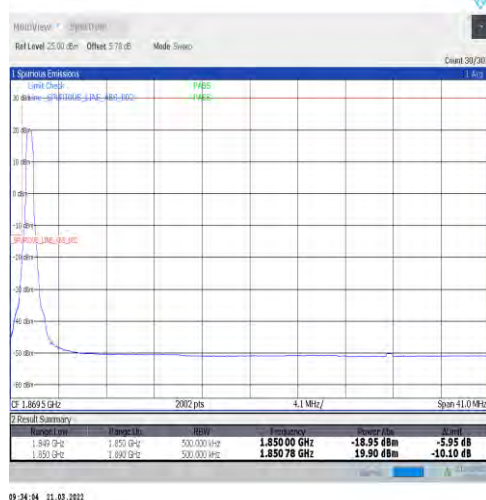
Rev.: 02

Page: 84 of 104



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

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



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

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



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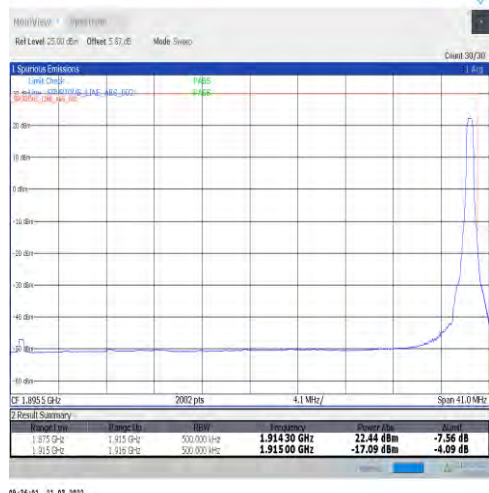
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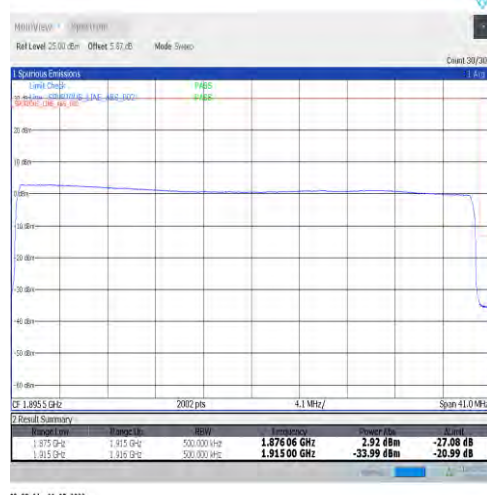
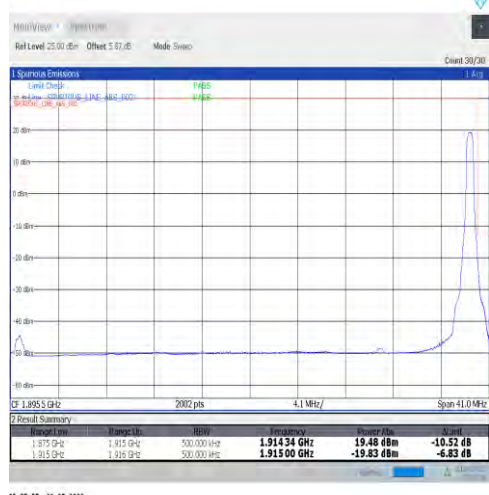
Rev.: 02

Page: 85 of 104



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



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

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



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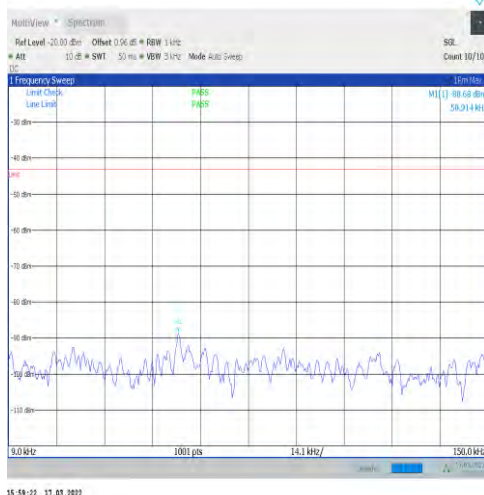
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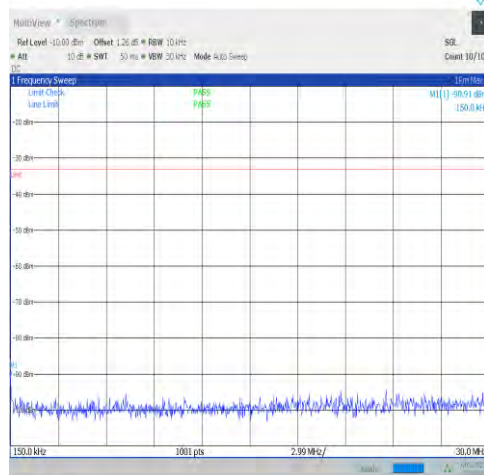
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Test Graphs



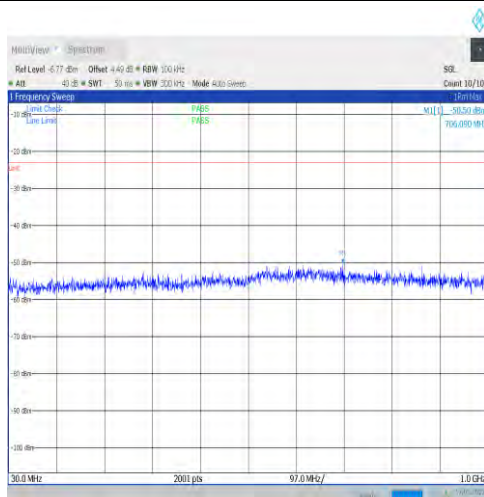
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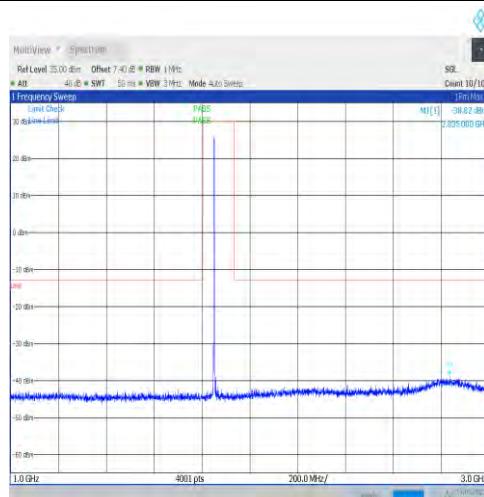
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15-59-36 17.07.2022

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1-30-1000-Ant1--50.50--23-PASS



15-59-43 17.07.2022

1-N25-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant1--38.82--13-PASS



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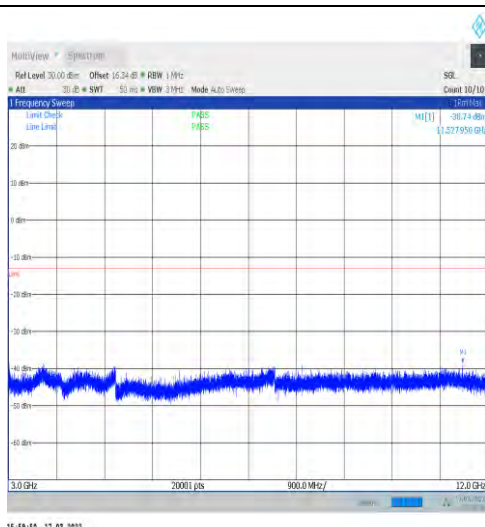
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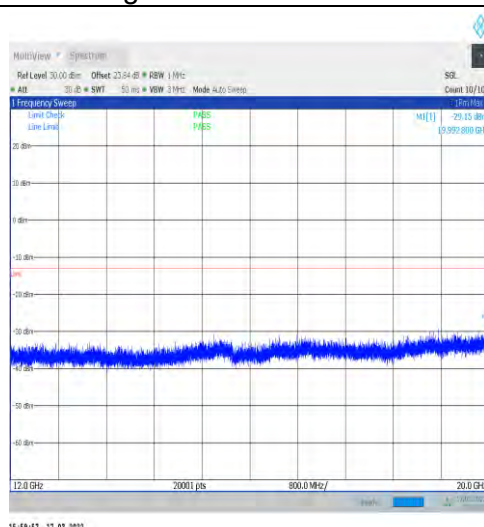
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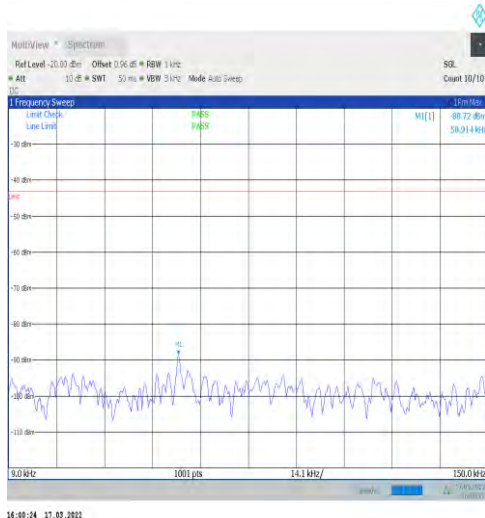
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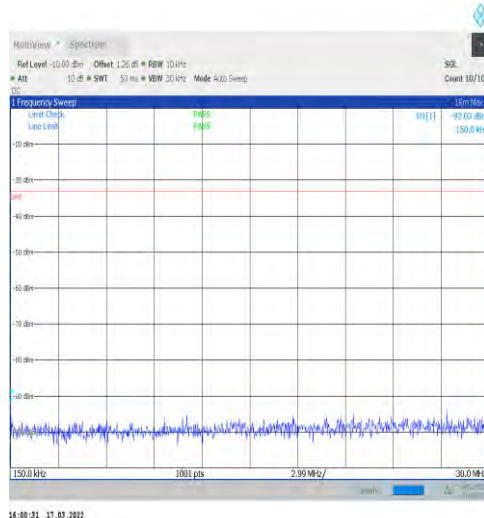
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1-12000-20000-Ant1--29.15--13-PASS



1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.009-0.15-Ant1--88.72--43-PASS



1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant1--92.03--33-PASS



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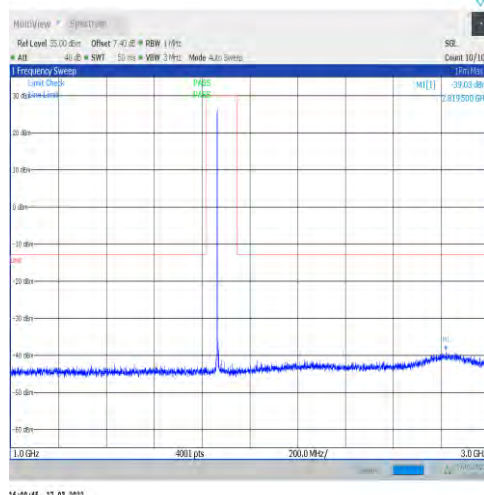
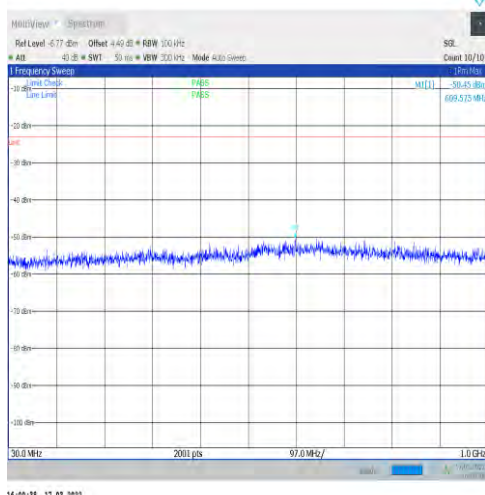
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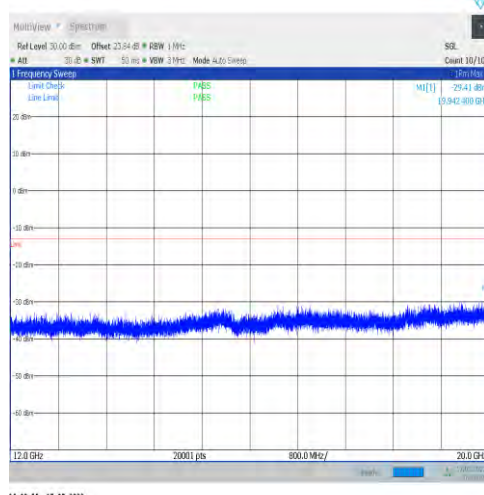
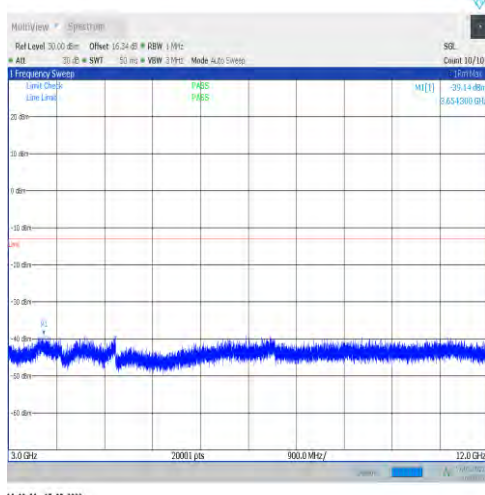
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1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant1--39.03--13-PASS



1-N25-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
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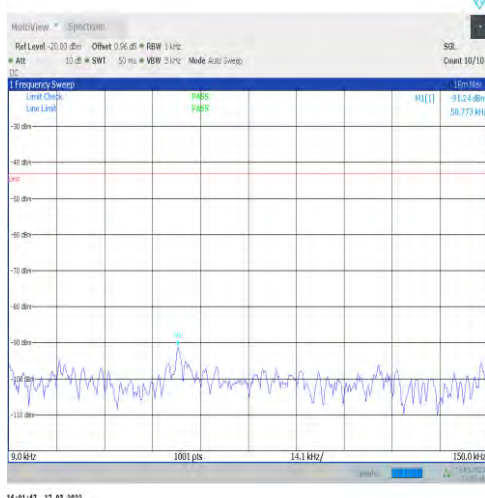


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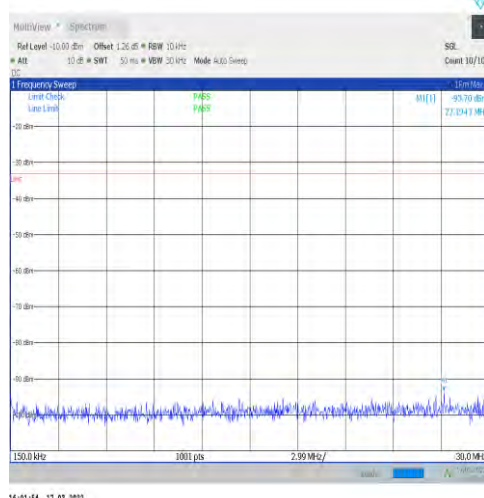
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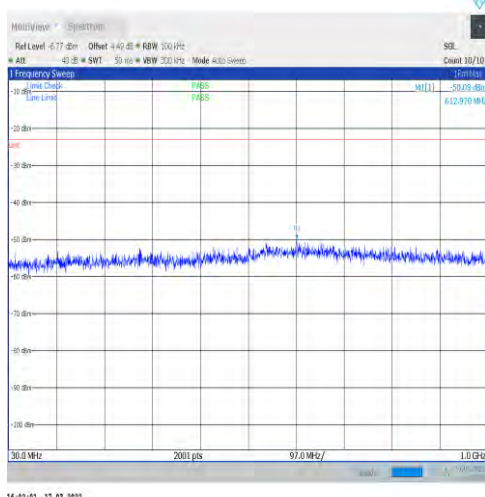
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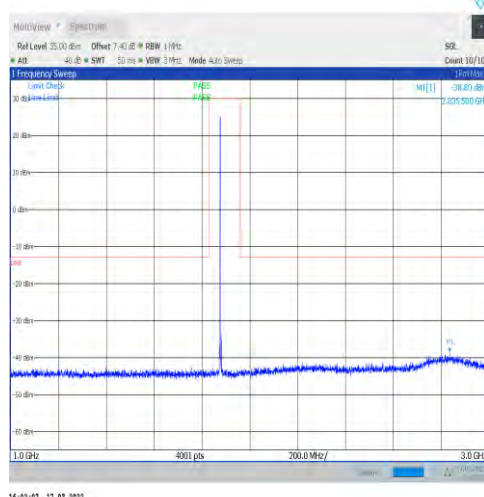
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1-1000-3000-Ant1--38.80--13-PASS



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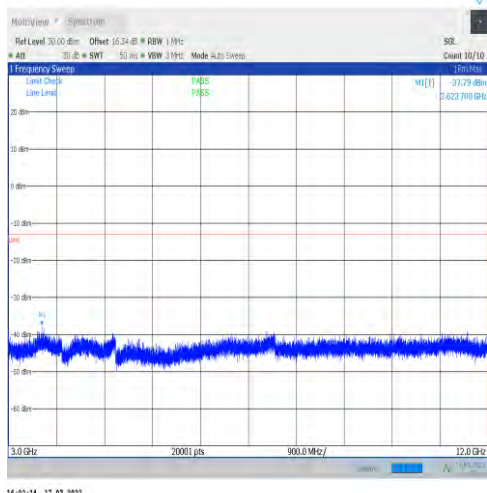
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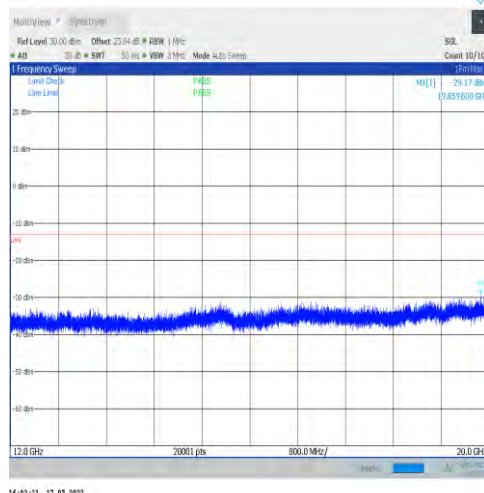
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Rev.: 02

Page: 90 of 104



1-N25-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1--37.79--13-PASS



1-N25-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-20000-Ant1--29.17--13-PASS



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 91 of 104

Field Strength of Spurious Radiation

Test Band = SA n25_ 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	3702	68.58	-111.07	-42.49	-13.00	29.49	263	164	Horizontal
2	5551.5	53.95	-106.37	-52.42	-13.00	39.42	142	177	Horizontal
3	7402.5	57.17	-100.79	-43.62	-13.00	30.62	264	309	Horizontal
4	9260.45	46.32	-95.08	-48.76	-13.00	35.76	175	273	Horizontal
5	11112.54	42.82	-91.10	-48.28	-13.00	35.28	264	153	Horizontal
6	12964.63	42.00	-90.59	-48.59	-13.00	35.59	175	153	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	67.63	-111.07	-43.44	-13.00	30.44	211	1	Vertical
2	5551.5	59.09	-106.37	-47.28	-13.00	34.28	175	0	Vertical
3	7402.5	57.49	-100.79	-43.30	-13.00	30.30	236	287	Vertical
4	9253.5	51.80	-95.08	-43.28	-13.00	30.28	211	8	Vertical
5	11112.54	43.22	-91.10	-47.88	-13.00	34.88	174	200	Vertical
6	12964.63	42.24	-90.59	-48.35	-13.00	35.35	221	175	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 92 of 104

Test Band = SA n25_ 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	3726.75	63.49	-110.94	-47.45	-13.00	34.45	231	224	Horizontal
2	5589	64.05	-106.24	-42.19	-13.00	29.19	175	125	Horizontal
3	7452	53.47	-100.57	-47.10	-13.00	34.10	264	64	Horizontal
4	9322.95	47.43	-95.03	-47.60	-13.00	34.60	185	310	Horizontal
5	11187.54	43.89	-90.86	-46.97	-13.00	33.97	122	237	Horizontal
6	13052.13	42.29	-90.31	-48.02	-13.00	35.02	244	76	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3726	65.05	-110.95	-45.90	-13.00	32.90	152	236	Vertical
2	5589.75	65.11	-106.24	-41.13	-13.00	28.13	264	357	Vertical
3	7452.75	61.86	-100.57	-38.71	-13.00	25.71	244	298	Vertical
4	9315.75	53.74	-95.05	-41.31	-13.00	28.31	185	175	Vertical
5	11187.54	41.98	-90.86	-48.88	-13.00	35.88	188	346	Vertical
6	13052.13	43.26	-90.31	-47.05	-13.00	34.05	366	248	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 93 of 104

Test Band = SA n25_ 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	3751.5	64.21	-110.82	-46.61	-13.00	33.61	163	0	Horizontal
2	5627.25	67.05	-106.08	-39.03	-13.00	26.03	241	138	Horizontal
3	7502.25	58.96	-100.35	-41.39	-13.00	28.39	177	160	Horizontal
4	9385.45	46.47	-94.89	-48.42	-13.00	35.42	264	39	Horizontal
5	11262.54	42.75	-91.13	-48.38	-13.00	35.38	178	175	Horizontal
6	13139.63	43.50	-90.18	-46.68	-13.00	33.68	265	209	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3750.75	64.61	-110.82	-46.21	-13.00	33.21	362	174	Vertical
2	5627.25	68.15	-106.08	-37.93	-13.00	24.93	142	237	Vertical
3	7503	58.23	-100.34	-42.11	-13.00	29.11	264	40	Vertical
4	9378	52.49	-94.91	-42.42	-13.00	29.42	175	7	Vertical
5	11262.54	44.52	-91.13	-46.61	-13.00	33.61	264	138	Vertical
6	13139.63	42.54	-90.18	-47.64	-13.00	34.64	175	237	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 94 of 104

Test Band = NSA DC_12A_n25_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	3701.25	71.07	-111.07	-40.00	-13.00	27.00	211	163	Horizontal
2	5553.27	48.94	-106.36	-57.42	-13.00	44.42	214	163	Horizontal
3	7402.5	57.61	-100.79	-43.18	-13.00	30.18	196	212	Horizontal
4	9255.45	46.42	-95.08	-48.66	-13.00	35.66	211	345	Horizontal
5	11106.54	41.70	-91.12	-49.42	-13.00	36.42	142	212	Horizontal
6	12957.63	41.62	-90.60	-48.98	-13.00	35.98	265	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	60.94	-111.07	-50.13	-13.00	37.13	214	69	Vertical
2	5551.5	64.67	-106.37	-41.70	-13.00	28.70	162	1	Vertical
3	7401.75	55.06	-100.79	-45.73	-13.00	32.73	284	280	Vertical
4	9252.75	54.77	-95.08	-40.31	-13.00	27.31	141	264	Vertical
5	11106.54	42.60	-91.12	-48.52	-13.00	35.52	196	4	Vertical
6	12957.63	43.06	-90.60	-47.54	-13.00	34.54	145	168	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 95 of 104

Test Band = NSA DC_12A_n25_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	3745.5	75.72	-110.85	-35.13	-13.00	22.13	241	115	Horizontal
2	5619	62.28	-106.12	-43.84	-13.00	30.84	156	0	Horizontal
3	7491.75	52.71	-100.40	-47.69	-13.00	34.69	264	247	Horizontal
4	9367.95	46.12	-94.93	-48.81	-13.00	35.81	175	280	Horizontal
5	11241.54	42.26	-91.03	-48.77	-13.00	35.77	265	230	Horizontal
6	13115.13	42.30	-90.11	-47.81	-13.00	34.81	147	84	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3746.25	66.11	-110.84	-44.73	-13.00	31.73	142	162	Vertical
2	5619	65.28	-106.12	-40.84	-13.00	27.84	265	230	Vertical
3	7494.36	46.70	-100.38	-53.68	-13.00	40.68	175	213	Vertical
4	9365.25	54.90	-94.94	-40.04	-13.00	27.04	298	112	Vertical
5	11241.54	43.15	-91.03	-47.88	-13.00	34.88	175	295	Vertical
6	13115.13	42.44	-90.11	-47.67	-13.00	34.67	211	264	Vertical



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Report No.: SUZR/2022/1002202
Rev.: 02
Page: 96 of 104

Test Band = NSA DC_12A_n25_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	3791.25	71.47	-110.61	-39.14	-13.00	26.14	241	328	Horizontal
2	5686.5	59.04	-105.82	-46.78	-13.00	33.78	162	357	Horizontal
3	7582.5	53.50	-99.91	-46.41	-13.00	33.41	274	296	Horizontal
4	9480.45	44.60	-94.86	-50.26	-13.00	37.26	185	50	Horizontal
5	11376.54	41.22	-91.52	-50.30	-13.00	37.30	264	34	Horizontal
6	13272.63	42.92	-90.61	-47.69	-13.00	34.69	175	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3790.5	69.40	-110.62	-41.22	-13.00	28.22	241	182	Vertical
2	5686.5	65.91	-105.82	-39.91	-13.00	26.91	153	0	Vertical
3	7582.5	61.40	-99.91	-38.51	-13.00	25.51	271	9	Vertical
4	9480.45	43.30	-94.86	-51.56	-13.00	38.56	175	182	Vertical
5	11376.54	41.52	-91.52	-50.00	-13.00	37.00	264	233	Vertical
6	13272.63	41.74	-90.61	-48.87	-13.00	35.87	163	233	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 97 of 104

Test Band = NSA DC_48A_n25_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	3702.18	63.69	-87.27	-23.58	-13.00	10.58	241	154	Horizontal
2	5553.27	48.17	-105.32	-57.15	-13.00	44.15	175	117	Horizontal
3	7404.36	46.40	-100.79	-54.39	-13.00	41.39	264	117	Horizontal
4	9255.45	45.65	-95.00	-49.35	-13.00	36.35	175	1	Horizontal
5	11106.54	41.30	-90.92	-49.62	-13.00	36.62	266	0	Horizontal
6	12957.63	42.36	-90.61	-48.25	-13.00	35.25	288	133	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.5	54.81	-87.28	-32.47	-13.00	19.47	241	40	Vertical
2	5553.27	48.61	-105.32	-56.71	-13.00	43.71	186	9	Vertical
3	7404.36	46.92	-100.79	-53.87	-13.00	40.87	241	0	Vertical
4	9255.45	46.72	-95.00	-48.28	-13.00	35.28	175	357	Vertical
5	11106.54	41.77	-90.92	-49.15	-13.00	36.15	264	0	Vertical
6	12957.63	42.37	-90.61	-48.24	-13.00	35.24	175	267	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 98 of 104

Test Band = NSA DC_48A_n25_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	3747.18	54.68	-86.86	-32.18	-13.00	19.18	263	19	Horizontal
2	5620.77	48.14	-105.32	-57.18	-13.00	44.18	241	149	Horizontal
3	7494.36	46.73	-100.38	-53.65	-13.00	40.65	175	166	Horizontal
4	9367.95	46.19	-94.58	-48.39	-13.00	35.39	264	3	Horizontal
5	11241.54	42.56	-91.03	-48.47	-13.00	35.47	175	19	Horizontal
6	13115.13	42.21	-90.23	-48.02	-13.00	35.02	268	357	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3747.18	38.49	-86.86	-48.37	-13.00	35.37	241	114	Vertical
2	5620.77	50.49	-105.32	-54.83	-13.00	41.83	175	1	Vertical
3	7494.36	47.21	-100.38	-53.17	-13.00	40.17	264	229	Vertical
4	9367.95	45.66	-94.58	-48.92	-13.00	35.92	175	357	Vertical
5	11241.54	42.71	-91.03	-48.32	-13.00	35.32	284	129	Vertical
6	13115.13	43.24	-90.23	-46.99	-13.00	33.99	133	0	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 99 of 104

Test Band = NSA DC_48A_n25_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	3792.18	70.49	-86.46	-15.97	-13.00	2.97	211	145	Horizontal
2	5688.27	49.54	-105.05	-55.51	-13.00	42.51	152	84	Horizontal
3	7584.36	48.33	-99.88	-51.55	-13.00	38.55	264	68	Horizontal
4	9480.45	44.25	-94.72	-50.47	-13.00	37.47	175	0	Horizontal
5	11376.54	41.03	-91.62	-50.59	-13.00	37.59	264	357	Horizontal
6	13272.63	42.66	-90.50	-47.84	-13.00	34.84	175	296	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	38.05	-86.46	-48.41	-13.00	35.41	263	324	Vertical
2	5688.27	48.63	-105.05	-56.42	-13.00	43.42	241	262	Vertical
3	7584.36	49.46	-99.88	-50.42	-13.00	37.42	175	212	Vertical
4	9480.45	42.90	-94.72	-51.82	-13.00	38.82	268	198	Vertical
5	11376.54	42.00	-91.62	-49.62	-13.00	36.62	145	0	Vertical
6	13272.63	41.99	-90.50	-48.51	-13.00	35.51	284	18	Vertical



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Rev.: 02

Page: 100 of 104

Test Band = NSA DC_66A_n25_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	3701.25	58.42	-111.07	-52.65	-13.00	39.65	262	328	Horizontal
2	5553.27	49.01	-106.36	-57.35	-13.00	44.35	214	0	Horizontal
3	7404.36	46.98	-100.78	-53.80	-13.00	40.80	185	0	Horizontal
4	9255.45	46.19	-95.08	-48.89	-13.00	35.89	265	313	Horizontal
5	11106.54	41.90	-91.12	-49.22	-13.00	36.22	175	262	Horizontal
6	12957.63	42.98	-90.60	-47.62	-13.00	34.62	261	34	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.15	-111.07	-62.92	-13.00	49.92	241	0	Vertical
2	5553.27	49.54	-106.36	-56.82	-13.00	43.82	152	8	Vertical
3	7404.36	47.21	-100.78	-53.57	-13.00	40.57	268	357	Vertical
4	9255.45	46.43	-95.08	-48.65	-13.00	35.65	144	34	Vertical
5	11106.54	43.09	-91.12	-48.03	-13.00	35.03	221	117	Vertical
6	12957.63	42.29	-90.60	-48.31	-13.00	35.31	185	0	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 101 of 104

Test Band = NSA DC_66A_n25_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	3746.25	75.75	-110.84	-35.09	-13.00	22.09	262	199	Horizontal
2	5620.77	49.10	-106.11	-57.01	-13.00	44.01	251	160	Horizontal
3	7494.36	47.31	-100.38	-53.07	-13.00	40.07	141	96	Horizontal
4	9367.95	45.49	-94.93	-49.44	-13.00	36.44	152	118	Horizontal
5	11241.54	41.92	-91.03	-49.11	-13.00	36.11	265	55	Horizontal
6	13115.13	42.69	-90.11	-47.42	-13.00	34.42	214	118	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3747.18	47.68	-110.84	-63.16	-13.00	50.16	241	145	Vertical
2	5620.77	48.64	-106.11	-57.47	-13.00	44.47	152	215	Vertical
3	7494.36	47.35	-100.38	-53.03	-13.00	40.03	268	8	Vertical
4	9367.95	45.46	-94.93	-49.47	-13.00	36.47	294	262	Vertical
5	11241.54	43.37	-91.03	-47.66	-13.00	34.66	185	357	Vertical
6	13115.13	42.53	-90.11	-47.58	-13.00	34.58	266	231	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 102 of 104

Test Band = NSA DC_66A_n25_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	3791.25	71.43	-110.61	-39.18	-13.00	26.18	241	282	Horizontal
2	5688.27	48.00	-105.81	-57.81	-13.00	44.81	162	101	Horizontal
3	7584.36	47.33	-99.90	-52.57	-13.00	39.57	241	199	Horizontal
4	9480.45	43.48	-94.86	-51.38	-13.00	38.38	185	9	Horizontal
5	11376.54	41.42	-91.52	-50.10	-13.00	37.10	264	101	Horizontal
6	13272.63	42.25	-90.61	-48.36	-13.00	35.36	175	132	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3791.25	64.44	-110.61	-46.17	-13.00	33.17	241	217	Vertical
2	5688.27	49.35	-105.81	-56.46	-13.00	43.46	163	0	Vertical
3	7584.36	48.54	-99.90	-51.36	-13.00	38.36	214	22	Vertical
4	9480.45	44.54	-94.86	-50.32	-13.00	37.32	188	250	Vertical
5	11376.54	40.70	-91.52	-50.82	-13.00	37.82	264	169	Vertical
6	13272.63	42.98	-90.61	-47.63	-13.00	34.63	175	39	Vertical



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 103 of 104

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	6.100000	0.003240	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	5.200000	0.002762	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	4.600000	0.002444	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VH	NT	1.500000	0.000797	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VN	NT	0.800000	0.000425	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VL	NT	0.600000	0.000319	PASS



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Report No.: SUZR/2022/1002202

Rev.: 02

Page: 104 of 104

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	7.800000	0.004143	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	5.800000	0.003081	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	7.300000	0.003878	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	6.400000	0.003400	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	6.700000	0.003559	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	5.700000	0.003028	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	7.100000	0.003772	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	4.500000	0.002390	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	5.400000	0.002869	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-30	5.800000	0.003081	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-20	2.300000	0.001222	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-10	2.700000	0.001434	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	0	3.700000	0.001965	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	10	2.600000	0.001381	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	20	2.700000	0.001434	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	30	2.000000	0.001062	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	40	2.800000	0.001487	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	50	2.500000	0.001328	PASS

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