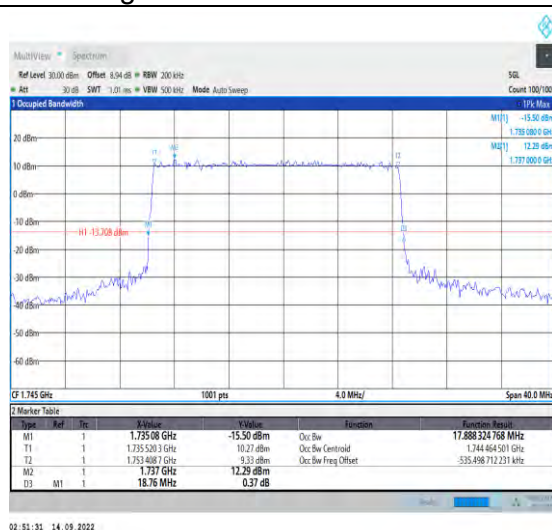
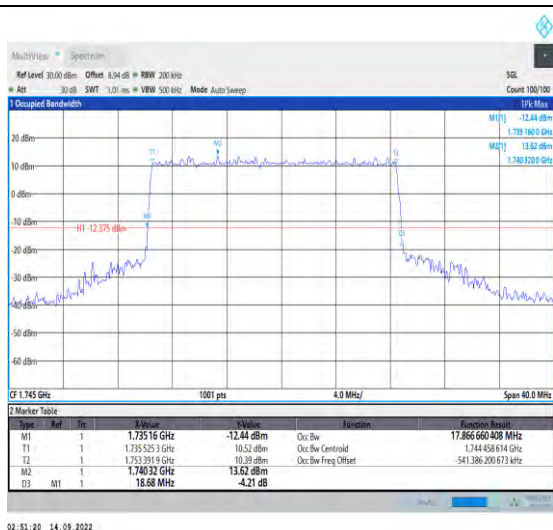


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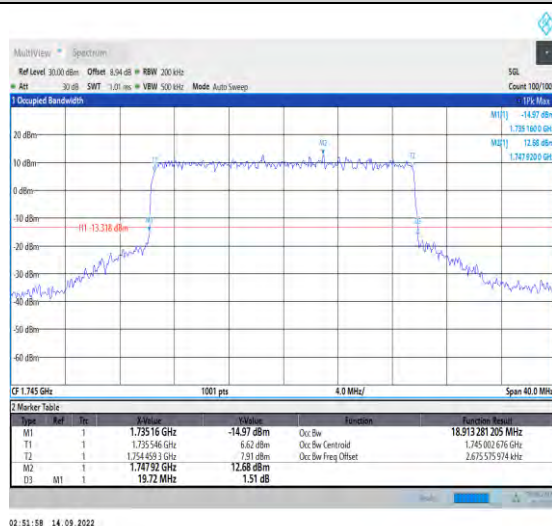
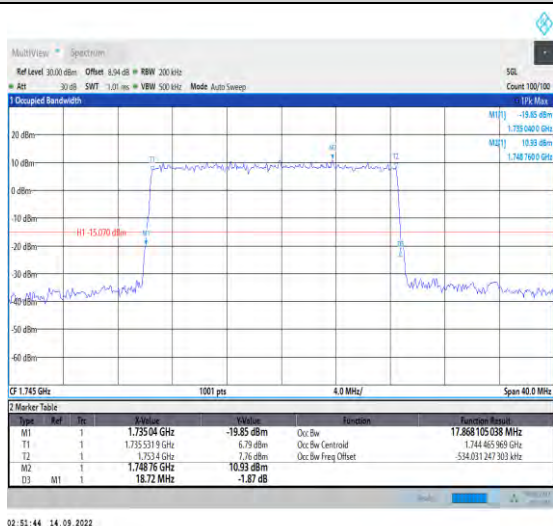
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1-N66-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100
@0-Ant1-17.867-18.680-≤20-PASS

1-N66-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100
@0-Ant1-17.888-18.760-≤20-PASS



1-N66-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.868-18.720-≤20-PASS

1-N66-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-18.913-19.720-≤20-PASS



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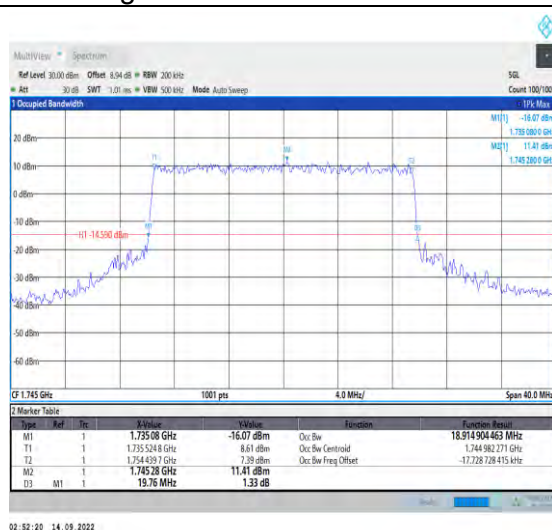
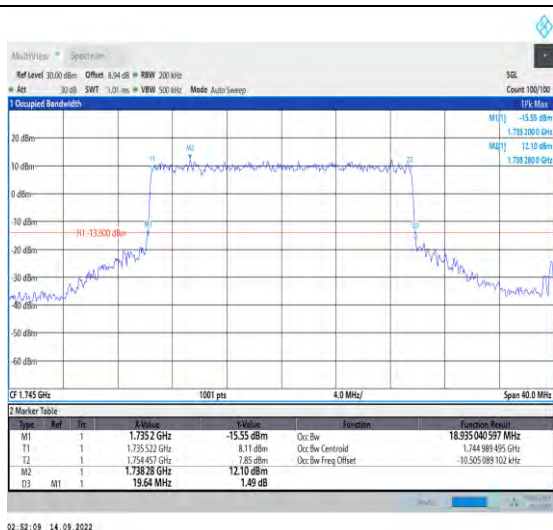
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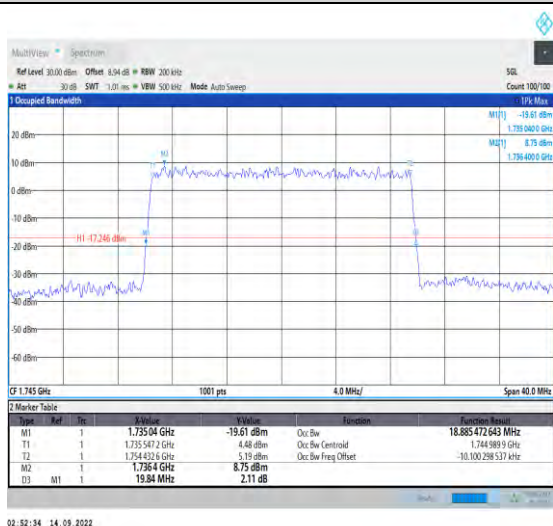
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1-N66-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@
0-Ant1-18.935-19.640-≤20-PASS

1-N66-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@
0-Ant1-18.915-19.760-≤20-PASS



1-N66-PC3-15-20-M-9-CP-256QAM-Outer_Full-106
@0-Ant1-18.885-19.840-≤20-PASS

1-N66-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@
0-Ant1-17.862-18.640-≤20-PASS



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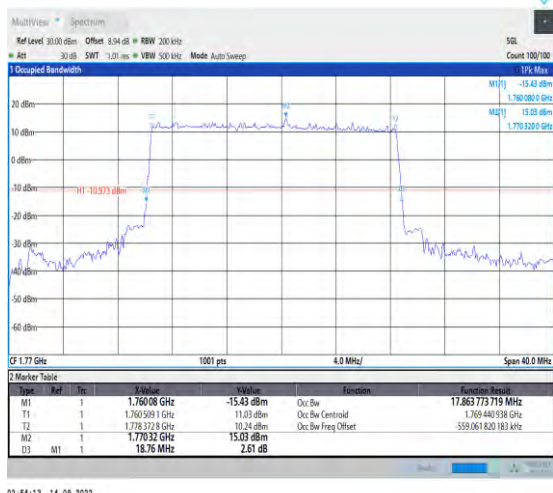
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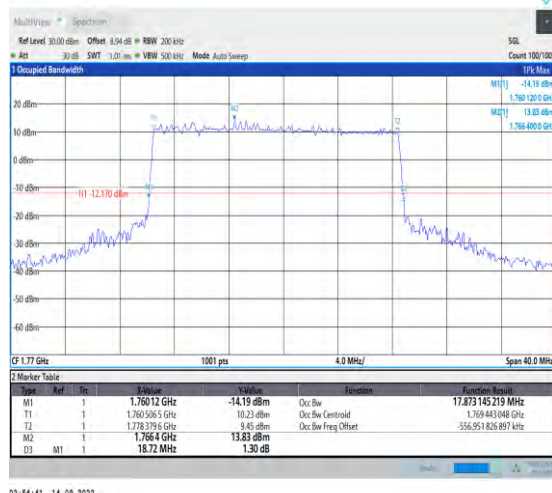
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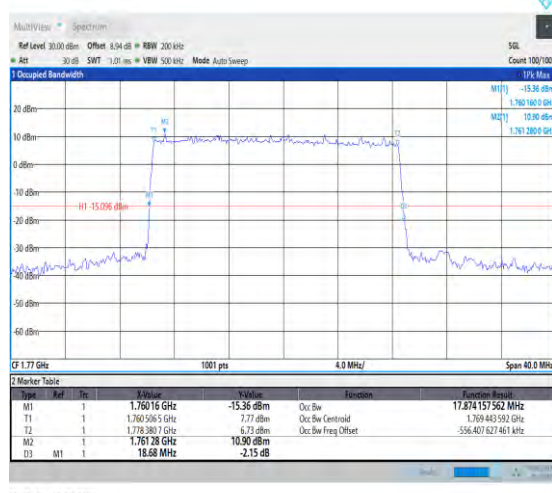
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1-N66-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100
@0-Ant1-17.873-18.720-≤20-PASS



02:54:52 14.09.2022



02:55:06 14.09.2022

1-N66-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100
@0-Ant1-17.867-18.720-≤20-PASS

1-N66-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.874-18.680-≤20-PASS



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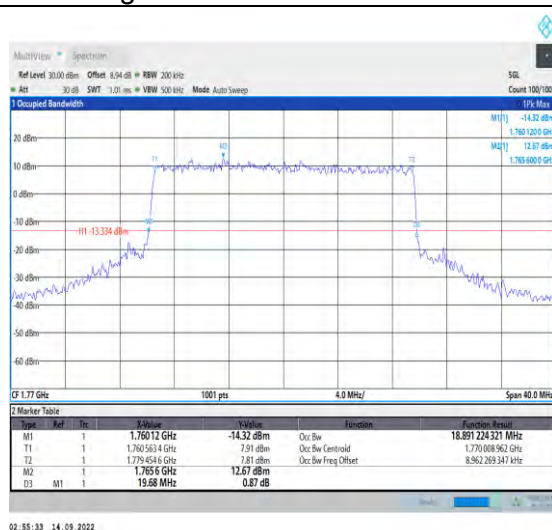
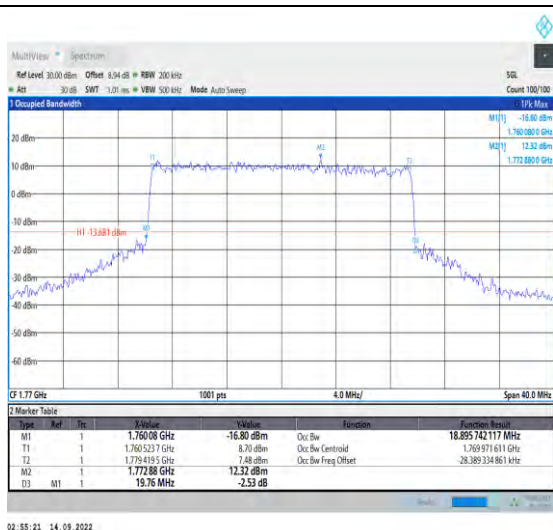
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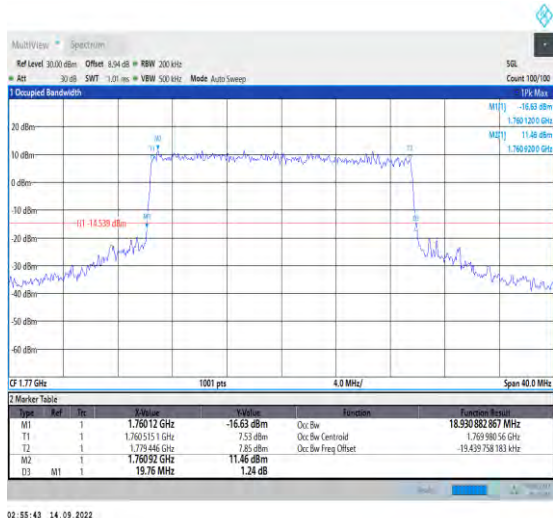
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1-N66-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.896-19.760-≤20-PASS

1-N66-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.891-19.680-≤20-PASS



1-N66-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.931-19.760-≤20-PASS

1-N66-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.907-19.680-≤20-PASS



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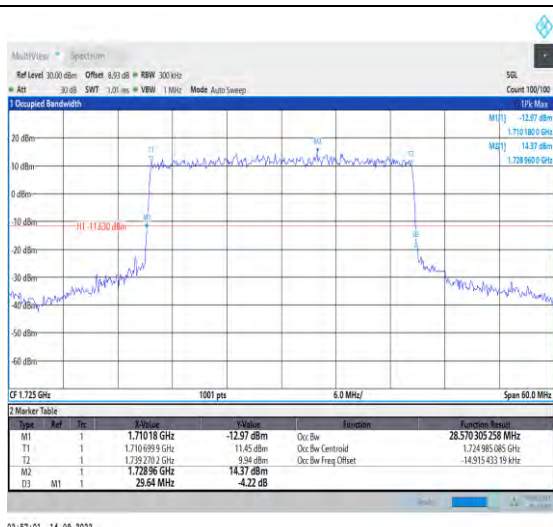
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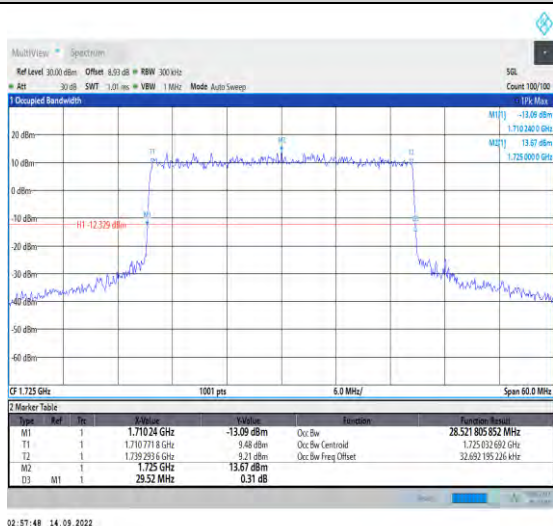
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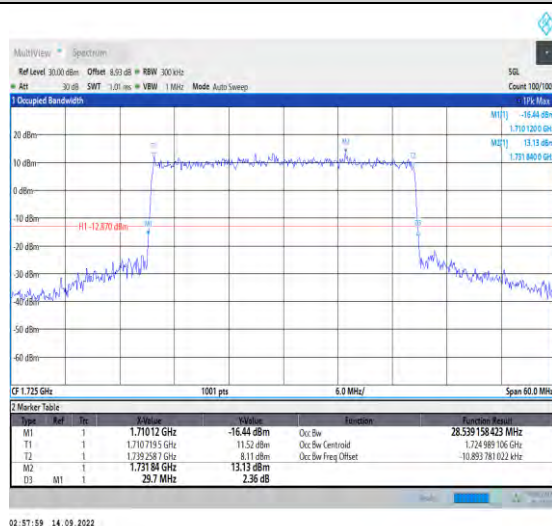
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1-N66-PC3-15-30-L-2-DFT-PI2BPSK-Outer_Full-160
@0-Ant1-28.513-29.700-≤30-PASS



02:57:40 14.09.2022



02:57:59 14.09.2022

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@0-Ant1-28.522-29.520-≤30-PASS

1-N66-PC3-15-30-L-4-DFT-64QAM-Outer_Full-160
@0-Ant1-28.539-29.700-≤30-PASS



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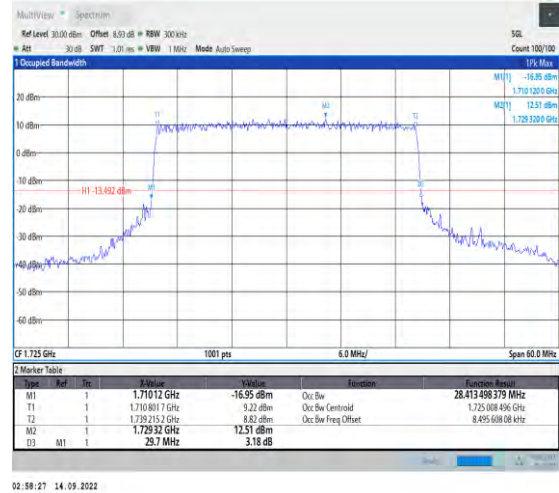
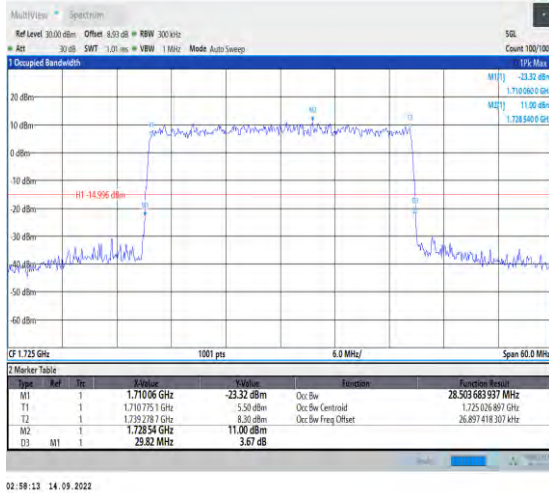
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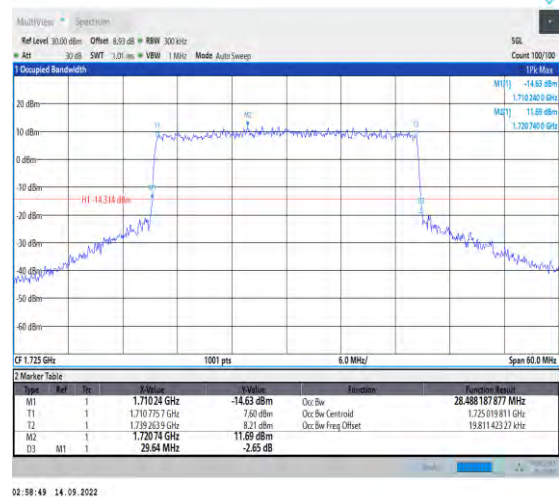
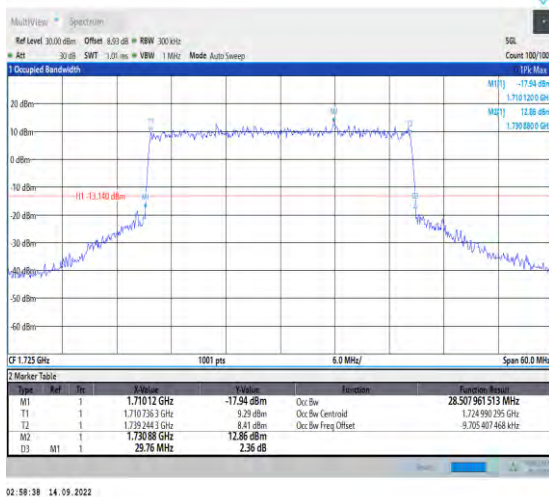
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1-N66-PC3-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant1-28.413-29.700-≤30-PASS



1-N66-PC3-15-30-L-7-CP-16QAM-Outer_Full-160@0-Ant1-28.508-29.760-≤30-PASS

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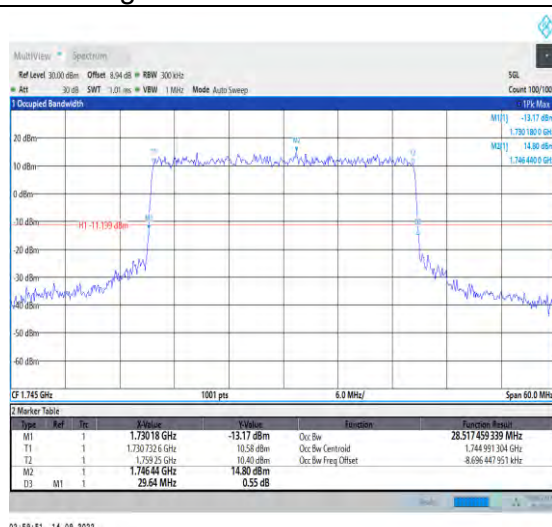
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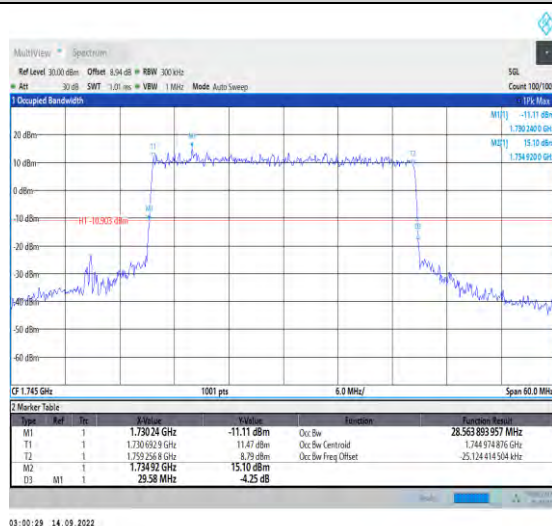
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1-N66-PC3-15-30-M-1-DFT-QPSK-Outer_Full-160@
0-Ant1-28.517-29.640-≤30-PASS



1-N66-PC3-15-30-M-2-DFT-PI2BPSK-Outer_Full-16
0@0-Ant1-28.57-29.760-≤30-PASS

1-N66-PC3-15-30-M-3-DFT-16QAM-Outer_Full-160
@0-Ant1-28.564-29.580-≤30-PASS



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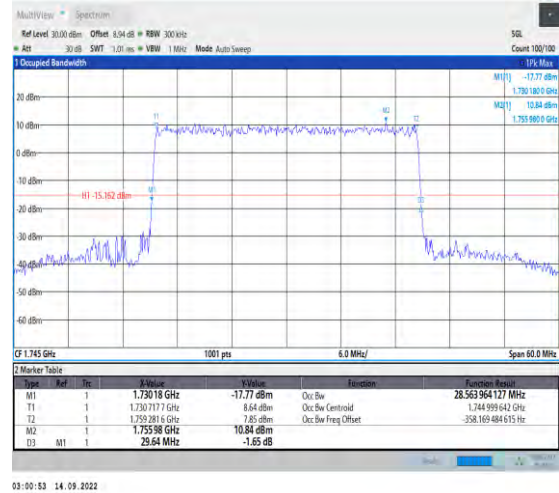
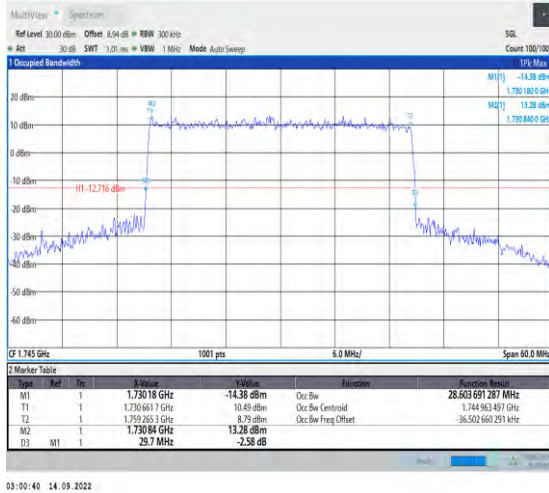
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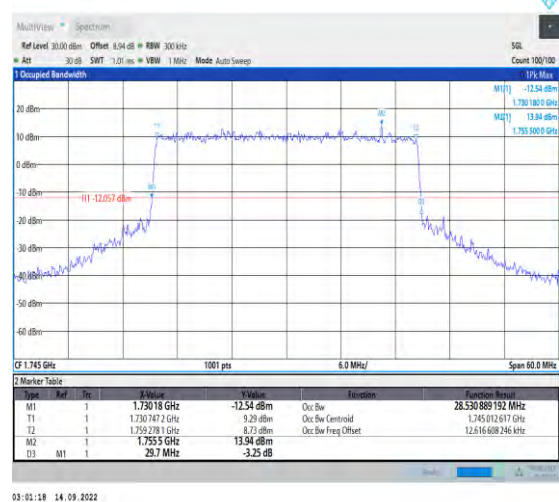
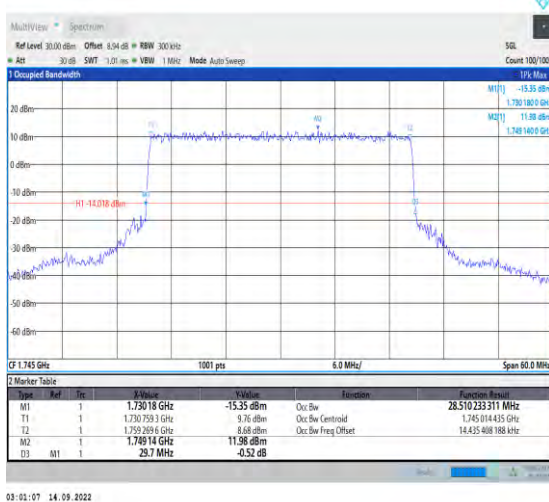
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1-N66-PC3-15-30-M-5-DFT-256QAM-Outer_Full-160
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1-N66-PC3-15-30-M-7-CP-16QAM-Outer_Full-160@0
-Ant1-28.531-29.700-≤30-PASS



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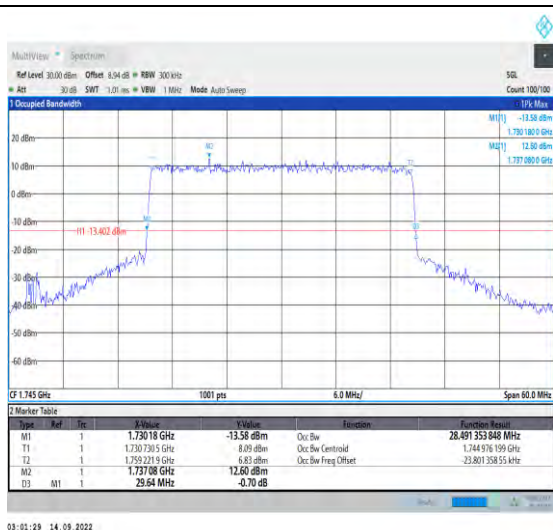
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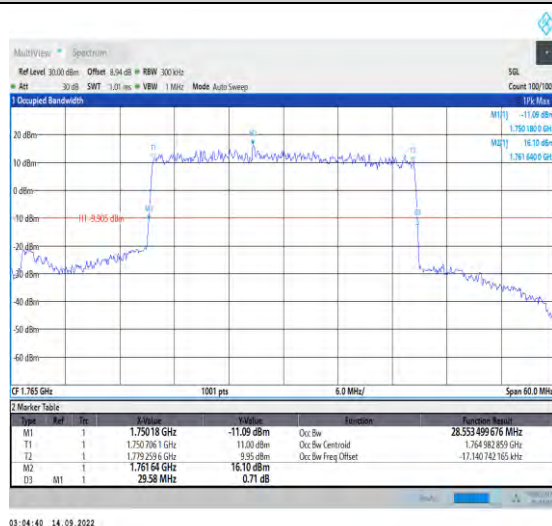
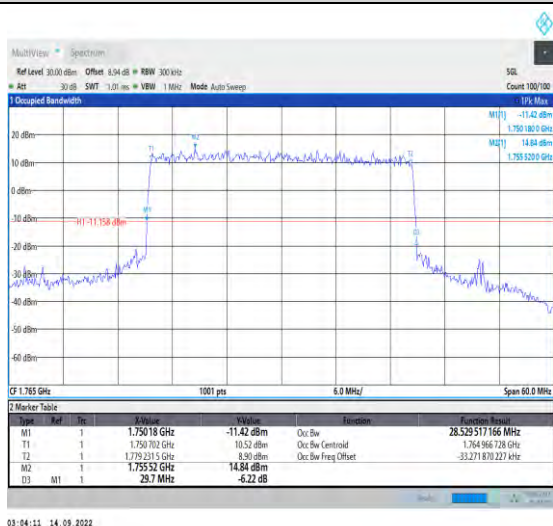
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1-N66-PC3-15-30-M-8-CP-64QAM-Outer_Full-160@
0-Ant1-28.491-29.640-≤30-PASS

1-N66-PC3-15-30-M-9-CP-256QAM-Outer_Full-160
@0-Ant1-28.482-29.700-≤30-PASS



1-N66-PC3-15-30-H-1-DFT-QPSK-Outer_Full-160@
0-Ant1-28.53-29.700-≤30-PASS

1-N66-PC3-15-30-H-2-DFT-P12BPSK-Outer_Full-160
@0-Ant1-28.553-29.580-≤30-PASS



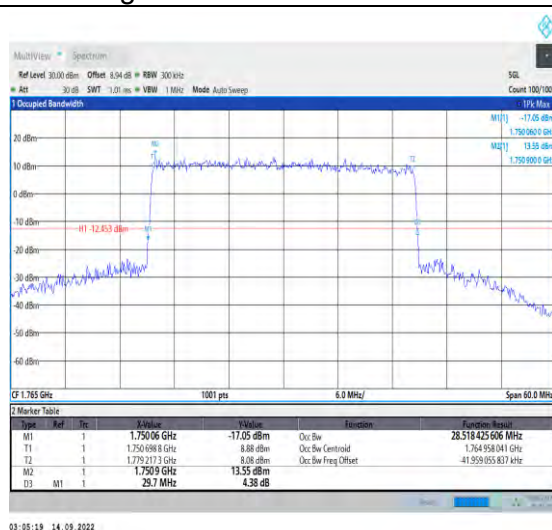
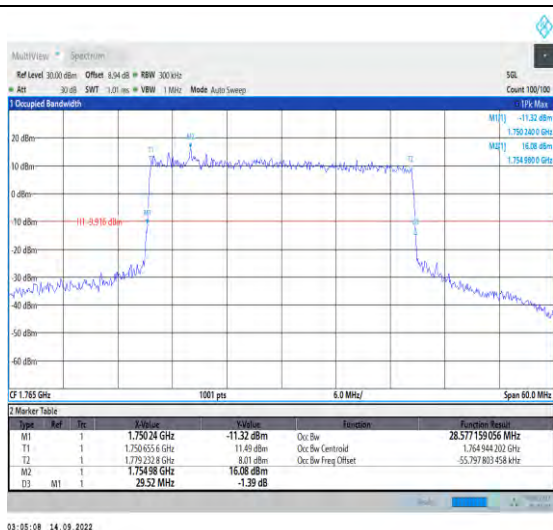
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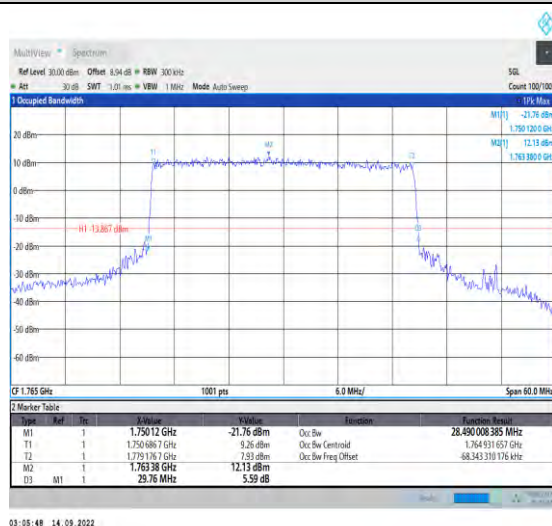
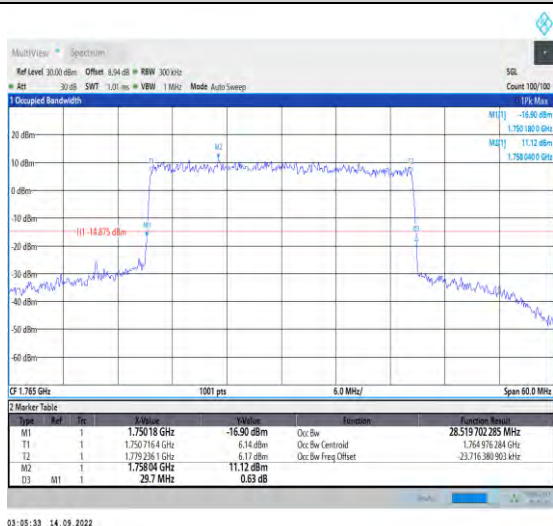
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1-N66-PC3-15-30-H-3-DFT-16QAM-Outer_Full-160
@0-Ant1-28.577-29.520-≤30-PASS

1-N66-PC3-15-30-H-4-DFT-64QAM-Outer_Full-160
@0-Ant1-28.518-29.700-≤30-PASS



1-N66-PC3-15-30-H-5-DFT-256QAM-Outer_Full-160
@0-Ant1-28.52-29.700-≤30-PASS

1-N66-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1-28.49-29.760-≤30-PASS



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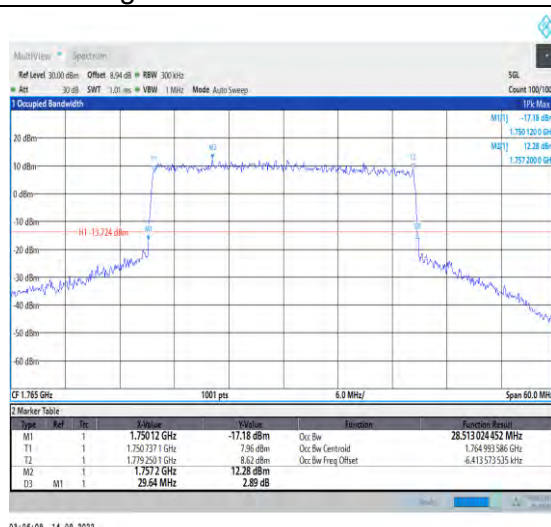
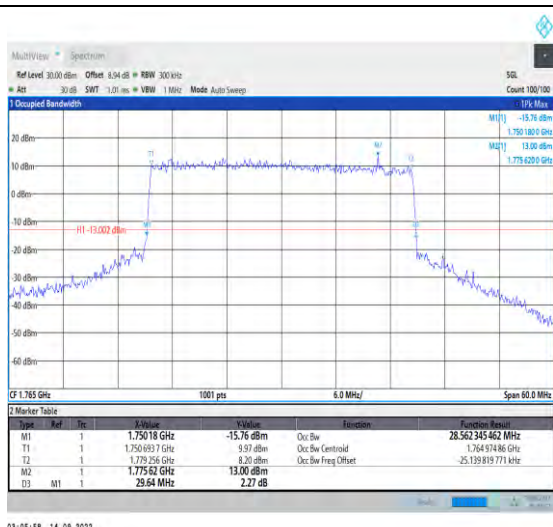
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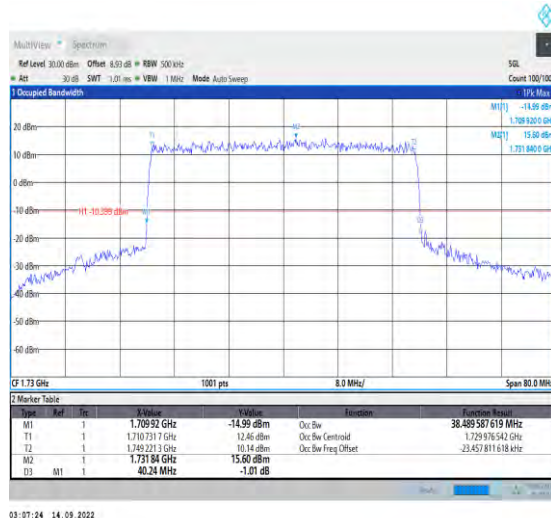
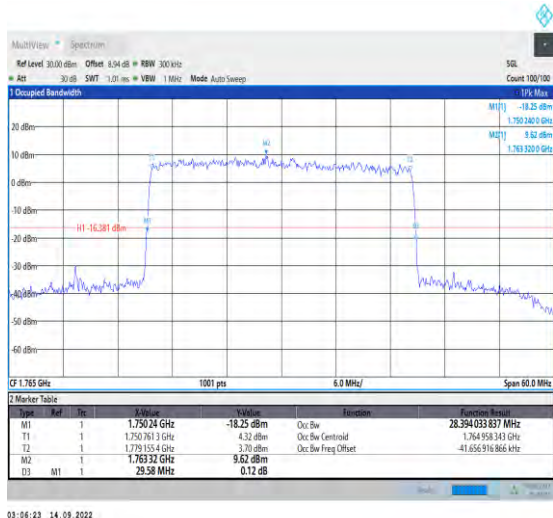
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0-Ant1-28.562-29.640-≤30-PASS

1-N66-PC3-15-30-H-8-CP-64QAM-Outer_Full-160@
0-Ant1-28.513-29.640-≤30-PASS



1-N66-PC3-15-30-H-9-CP-256QAM-Outer_Full-160
@0-Ant1-28.394-29.580-≤30-PASS

1-N66-PC3-15-40-L-1-DFT-QPSK-Outer_Full-216@0
-Ant1-38.49-40.240-≤40-PASS



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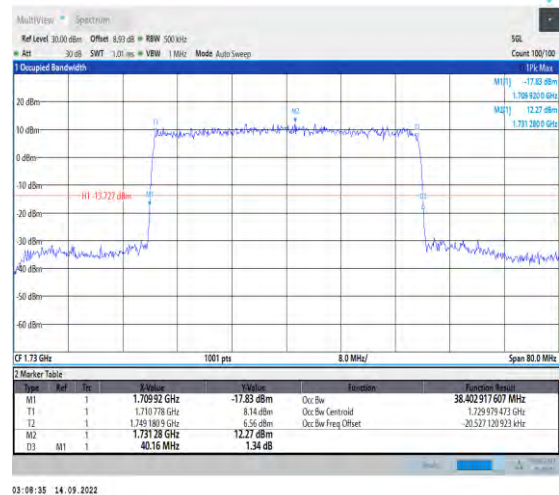
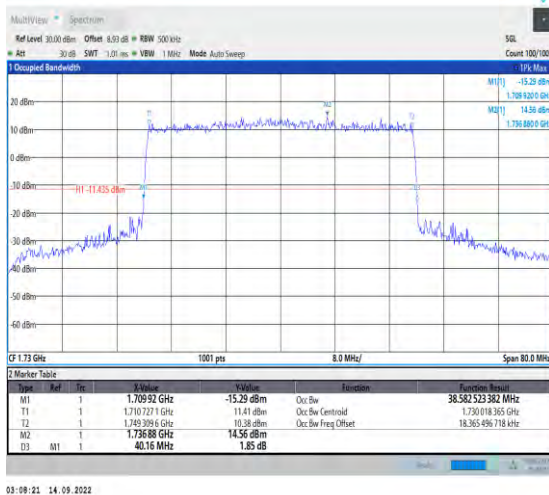
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1-N66-PC3-15-40-L-3-DFT-16QAM-Outer_Full-216
@0-Ant1-38.533-40.160-≤40-PASS



1-N66-PC3-15-40-L-4-DFT-64QAM-Outer_Full-216
@0-Ant1-38.583-40.160-≤40-PASS

1-N66-PC3-15-40-L-5-DFT-256QAM-Outer_Full-216
@0-Ant1-38.403-40.160-≤40-PASS



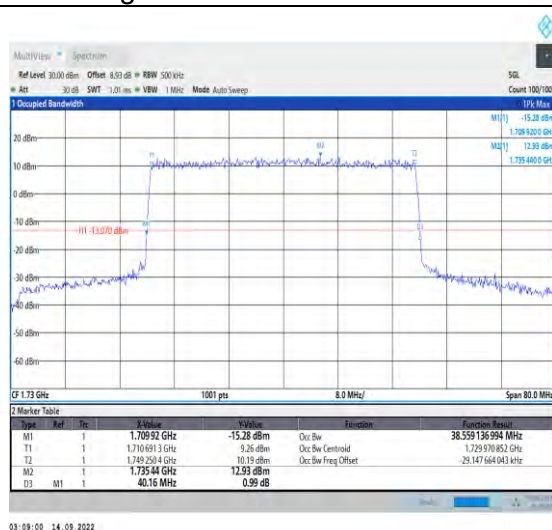
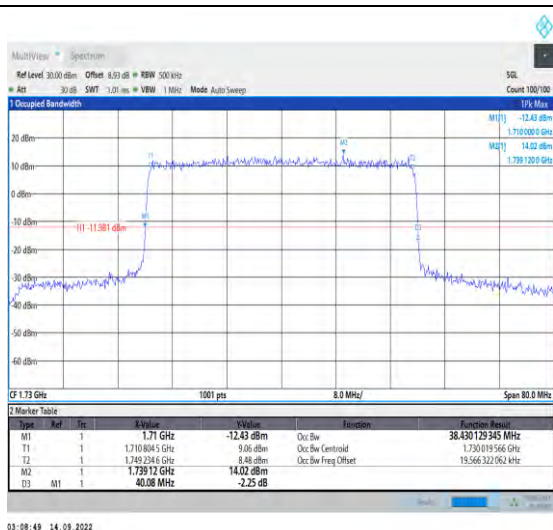
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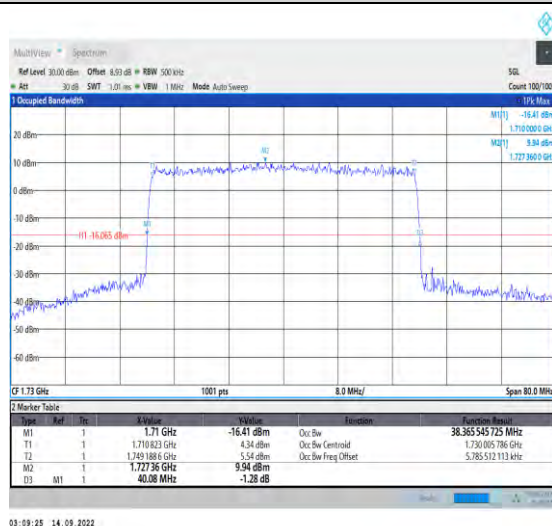
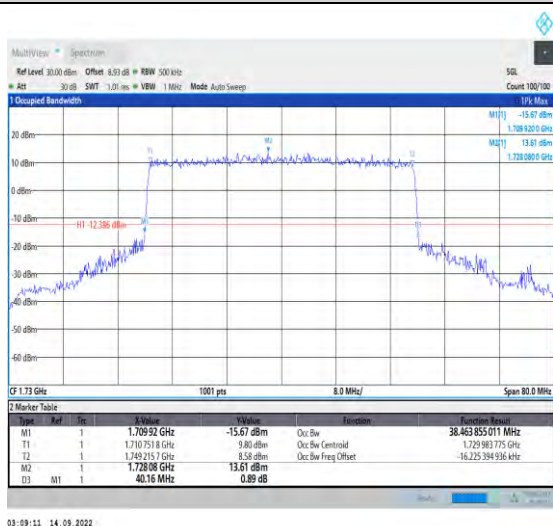
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1-N66-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant1-38.43-40.080-≤40-PASS

1-N66-PC3-15-40-L-7-CP-16QAM-Outer_Full-216@0-Ant1-38.559-40.160-≤40-PASS



1-N66-PC3-15-40-L-8-CP-64QAM-Outer_Full-216@0-Ant1-38.464-40.160-≤40-PASS

1-N66-PC3-15-40-L-9-CP-256QAM-Outer_Full-216@0-Ant1-38.366-40.080-≤40-PASS



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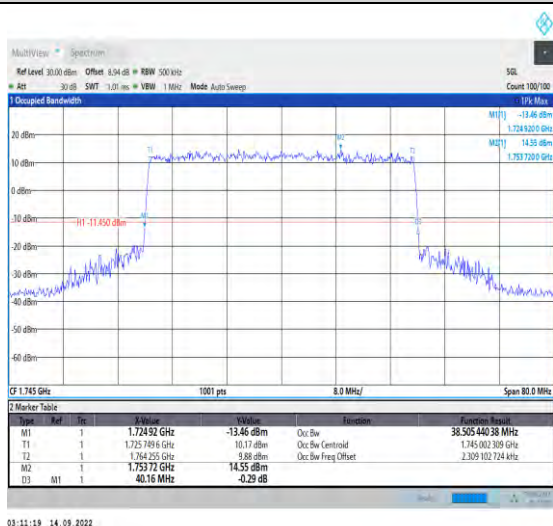
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03:11:00 14.09.2022

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03:11:19 14.09.2022

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03:11:30 14.09.2022

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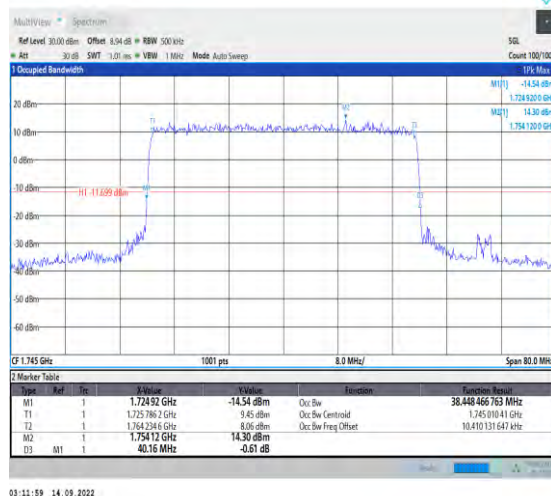
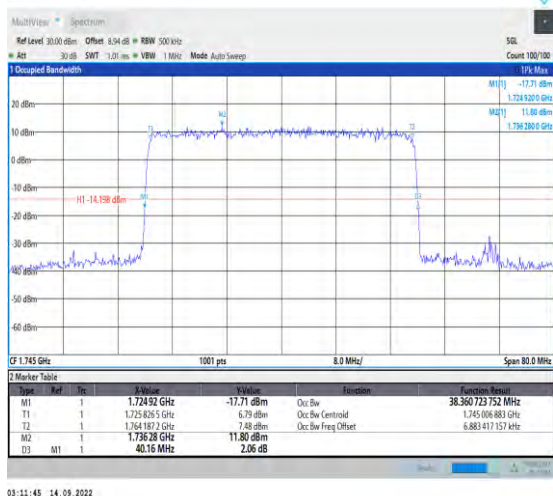
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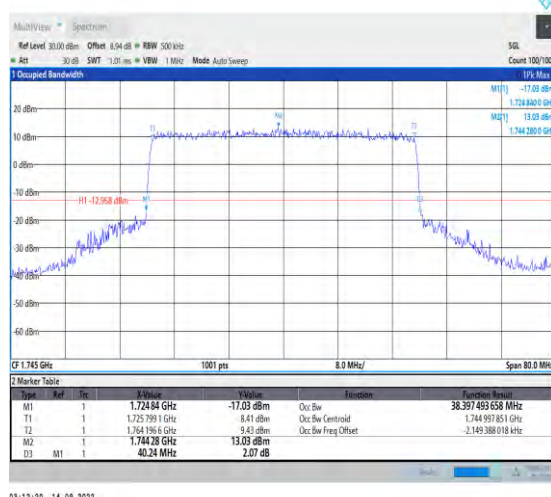
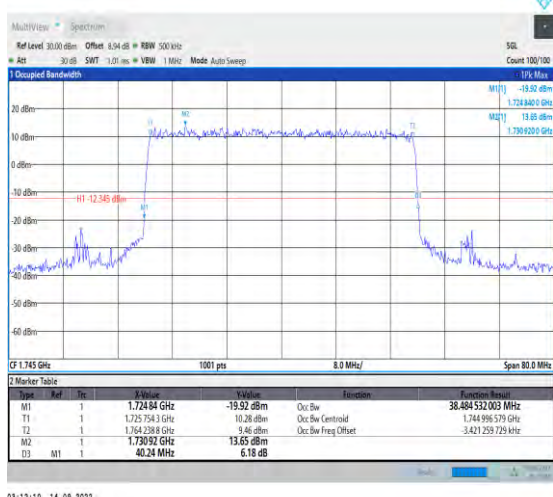
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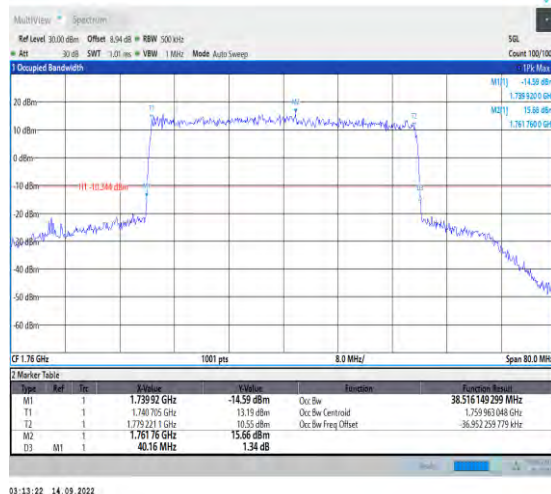
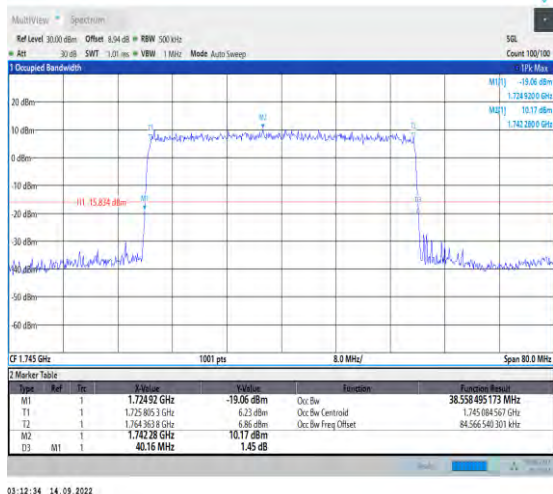
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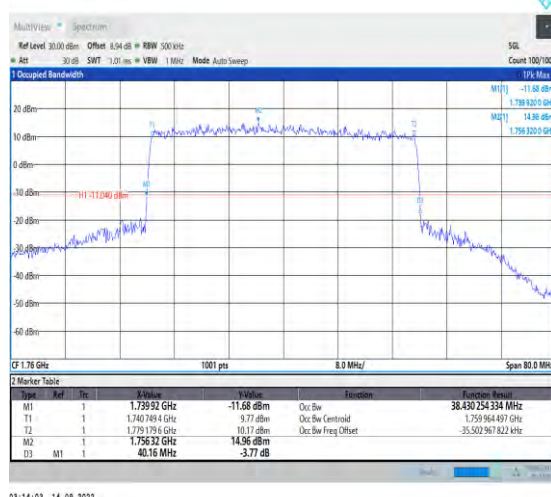
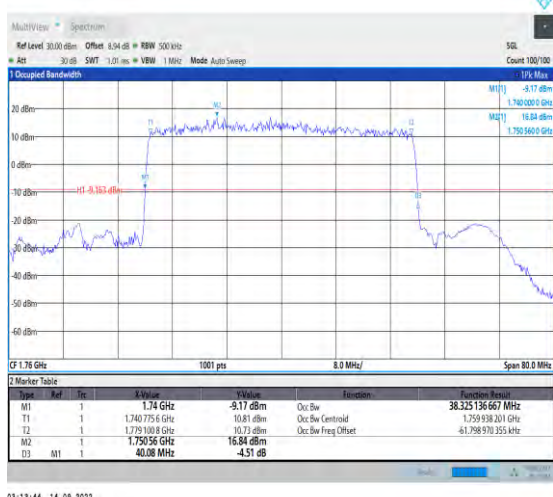
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1-N66-PC3-15-40-M-9-CP-256QAM-Outer_Full-216
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1-N66-PC3-15-40-H-1-DFT-QPSK-Outer_Full-216@
0-Ant1-38.516-40.160-≤40-PASS



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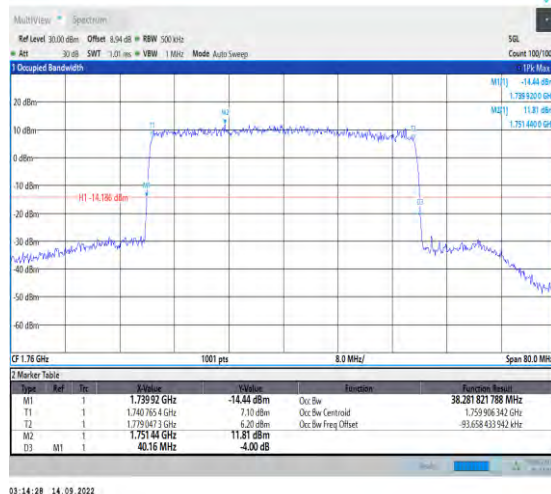
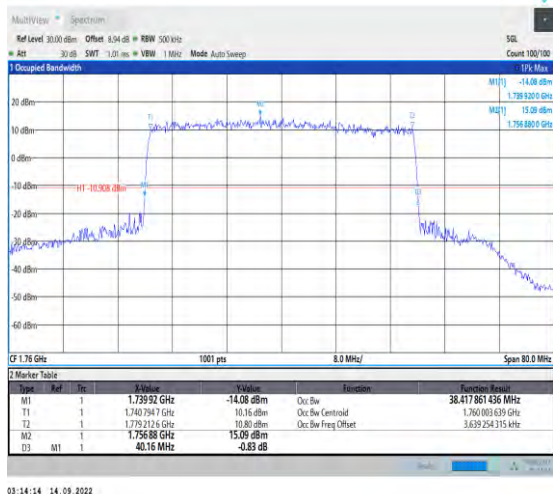
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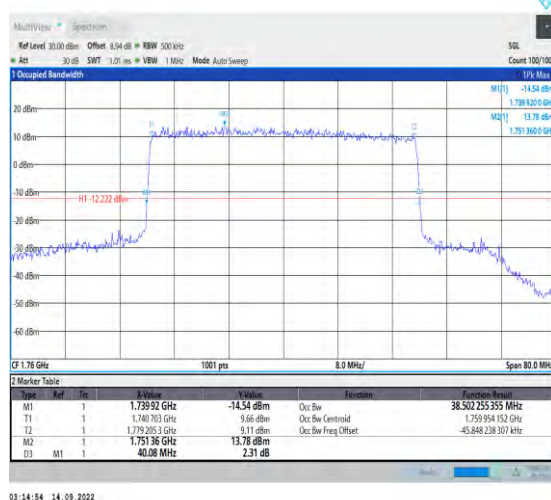
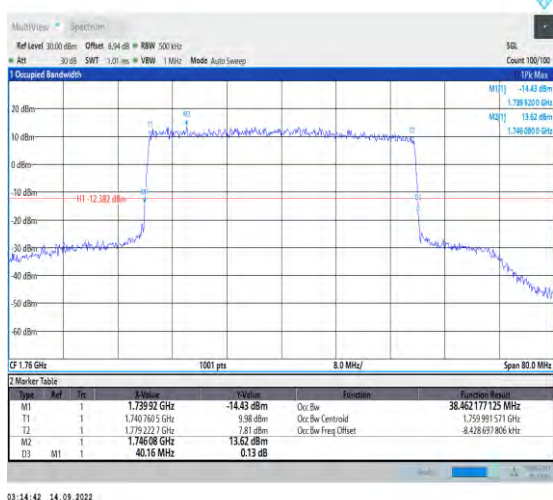
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@0-Ant1-38.282-40.160-≤40-PASS



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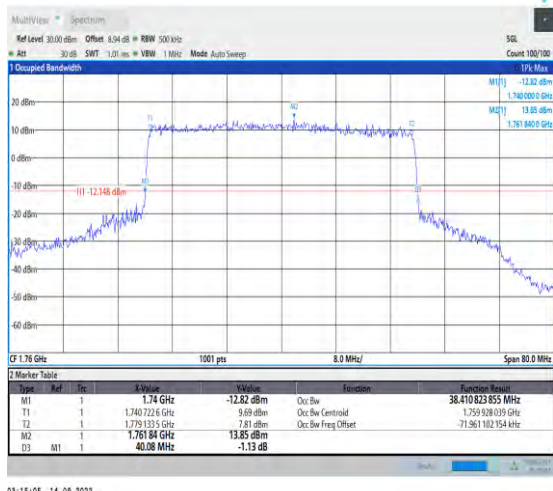
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1-N66-PC3-15-40-H-8-CP-64QAM-Outer_Full-216@
0-Ant1-38.411-40.080-≤40-PASS



1-N66-PC3-15-40-H-9-CP-256QAM-Outer_Full-216
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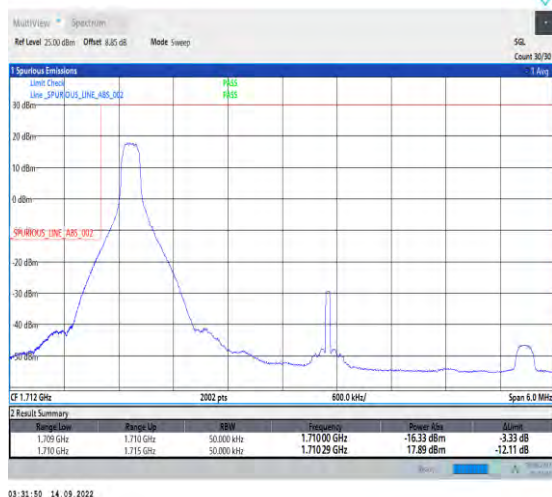
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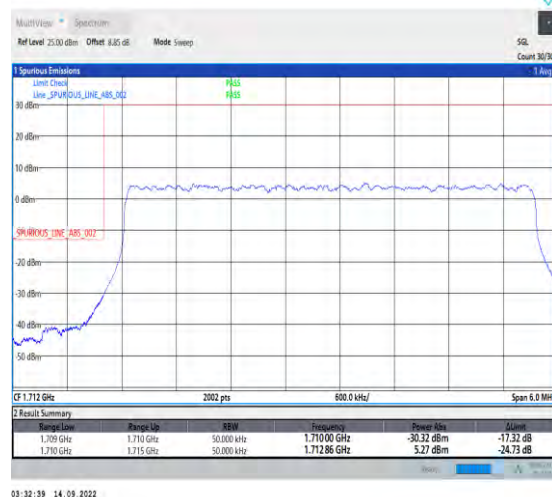
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Band Edge for SA

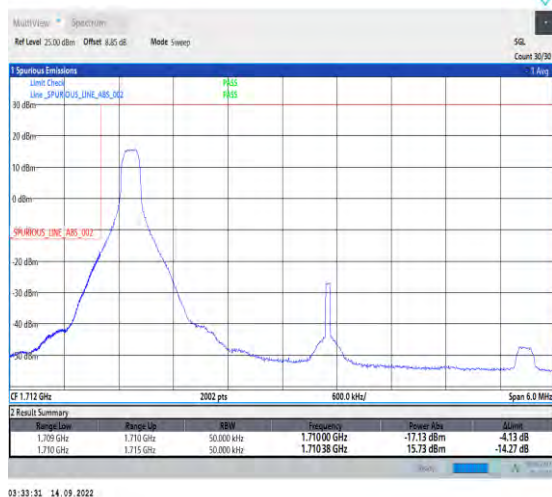
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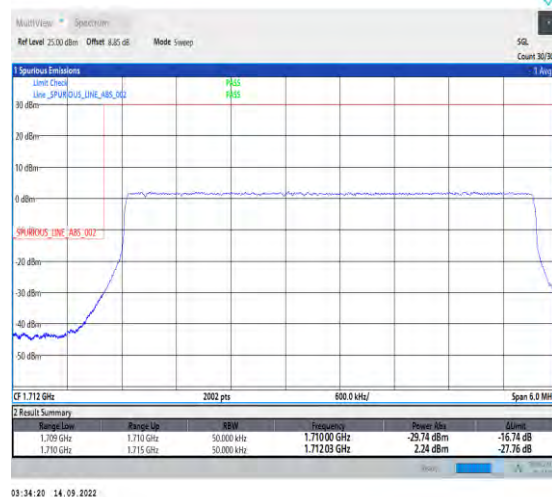
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1-N66-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N66-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



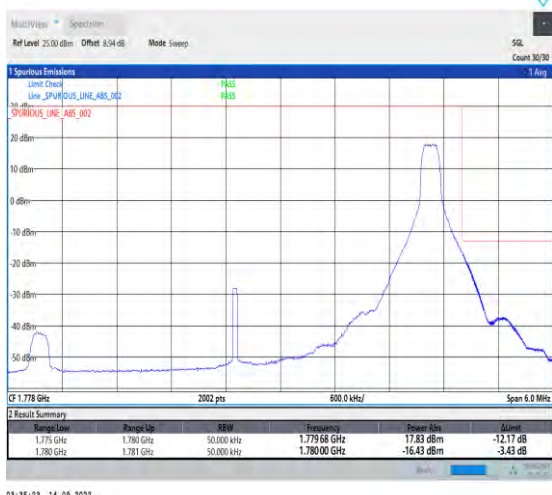
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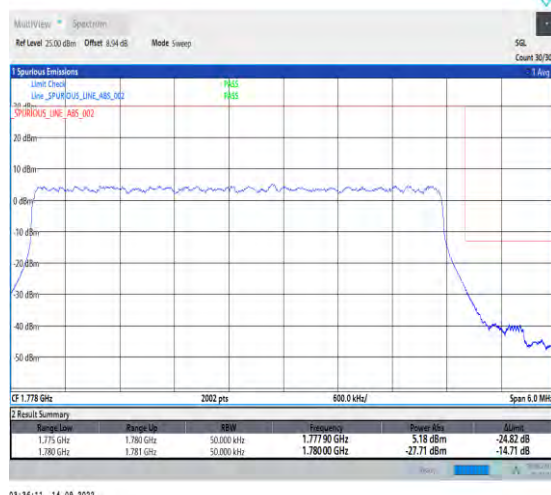
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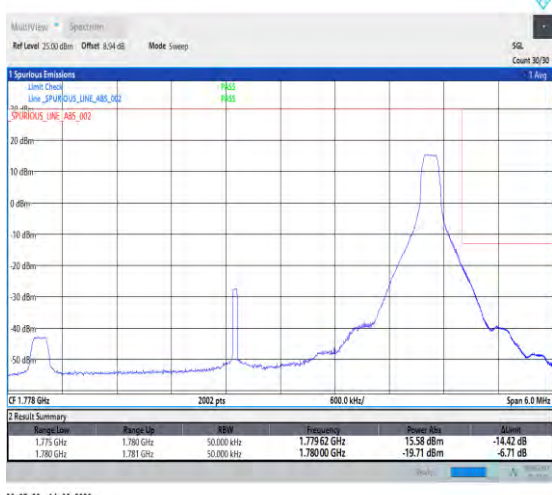
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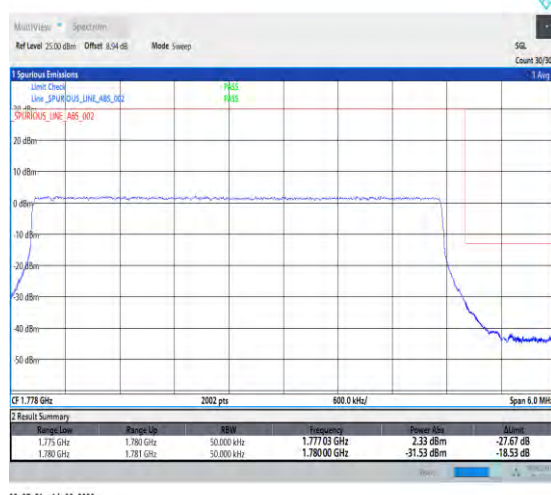
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03:37:03 14.09.2022

1-N66-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1-seegraph-PASS-see graph



03:37:51 14.09.2022

1-N66-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



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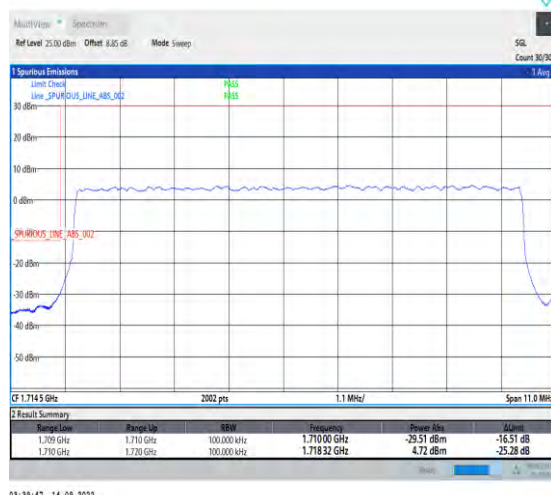
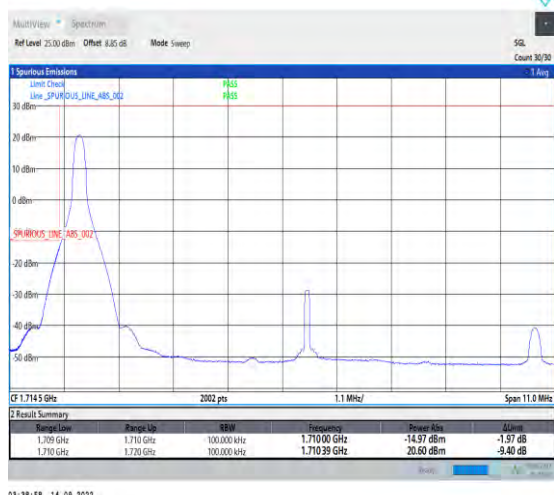
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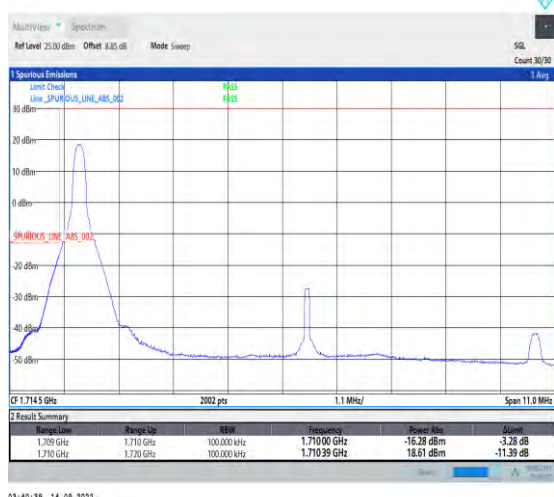
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1-N66-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N66-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



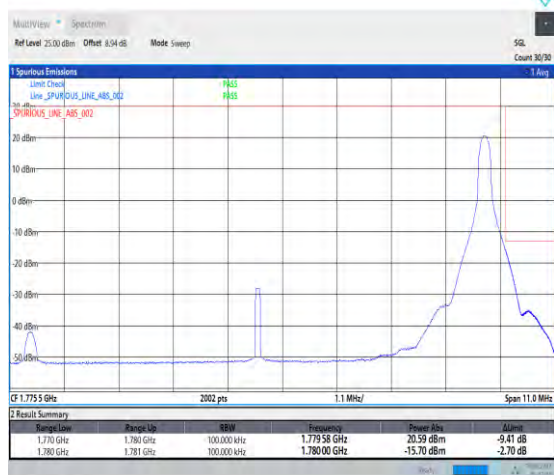
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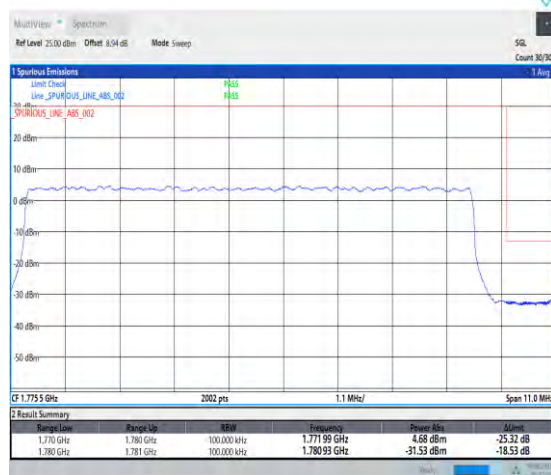
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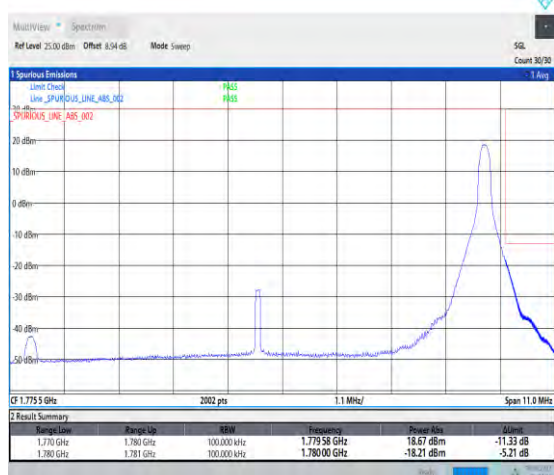
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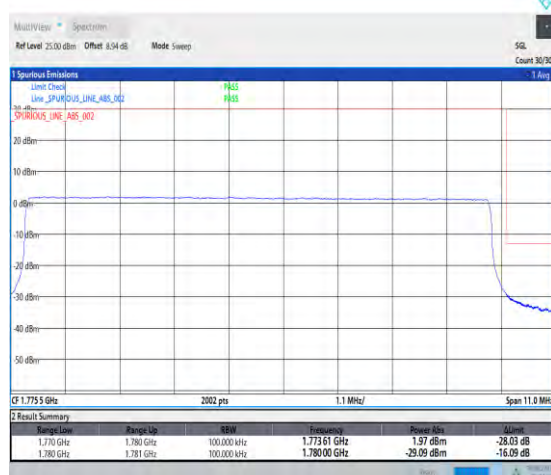
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03:45:00 14.09.2022

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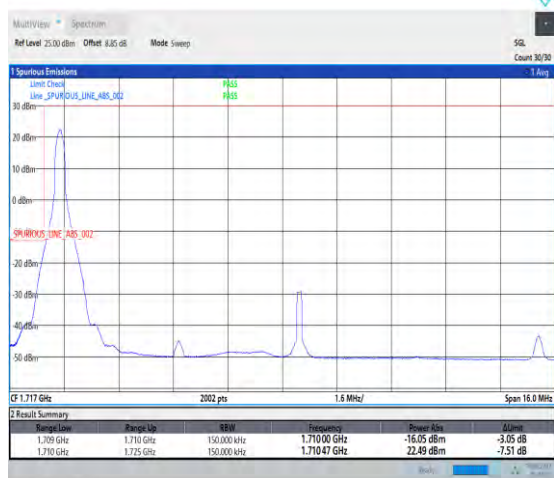
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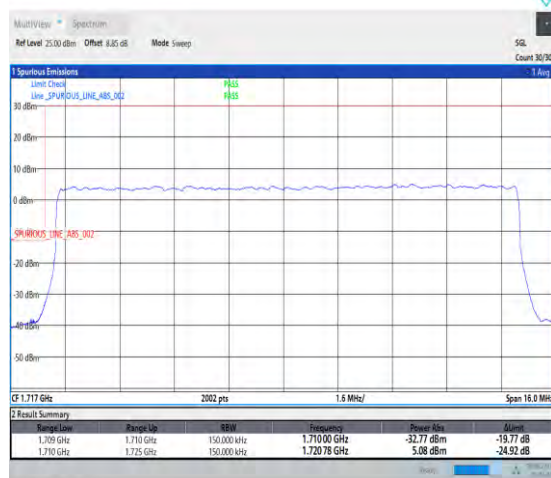
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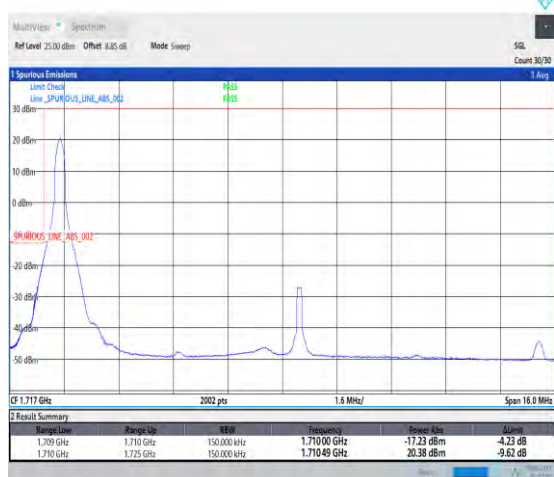
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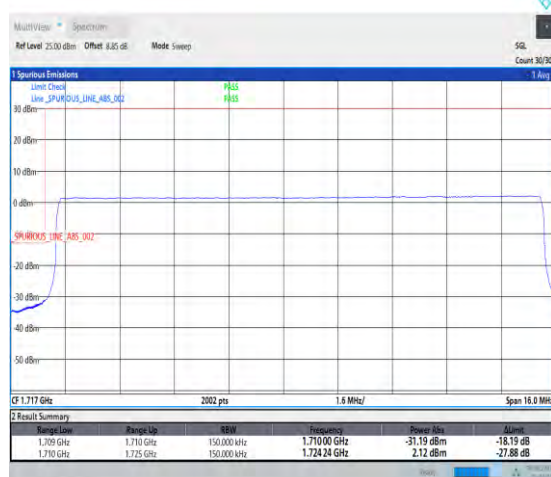
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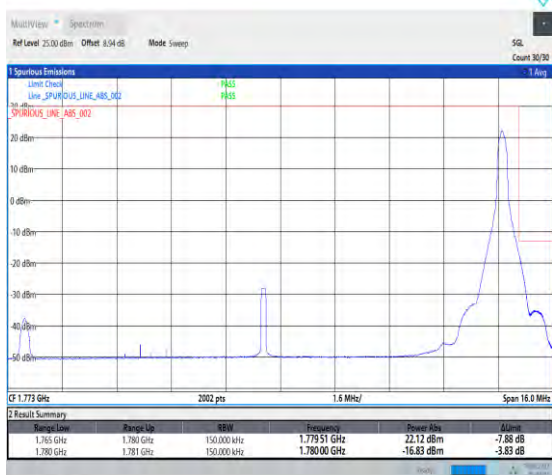
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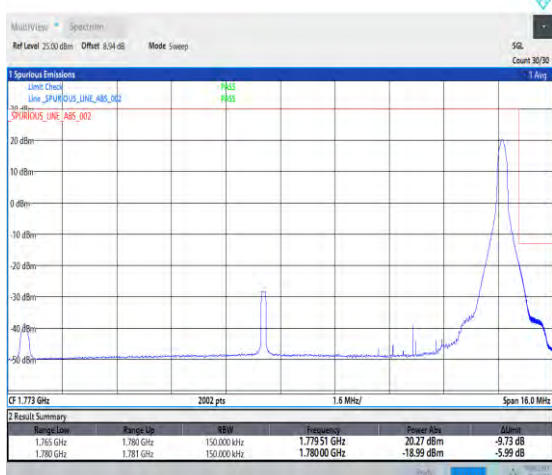
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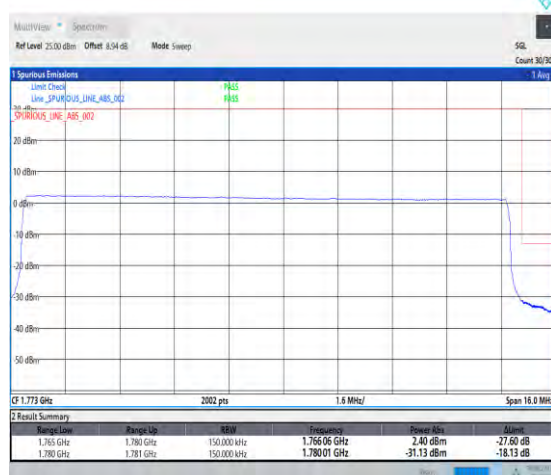
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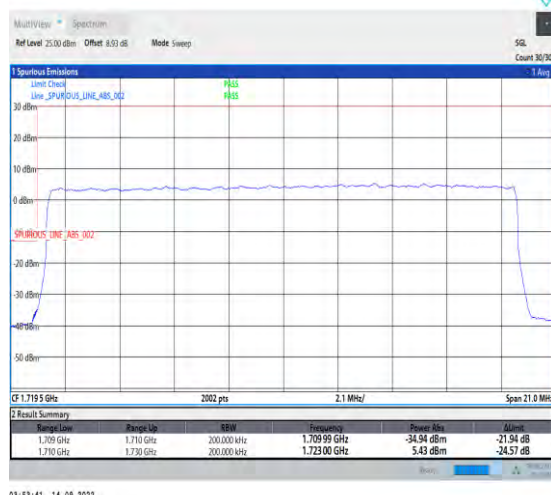
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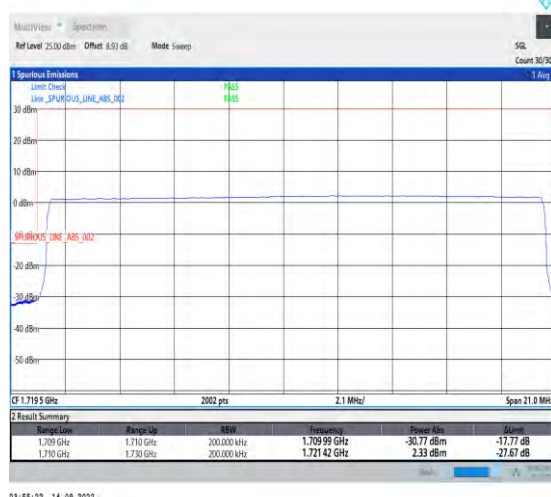
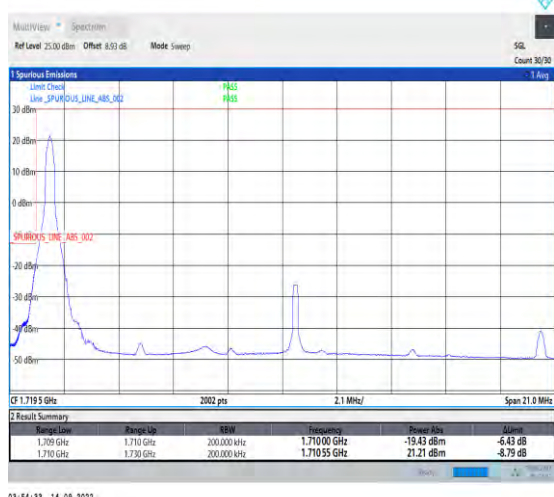
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1-N66-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N66-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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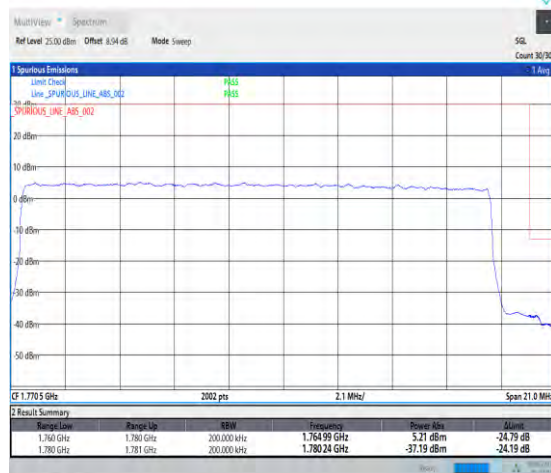
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03:56:36 14.09.2022

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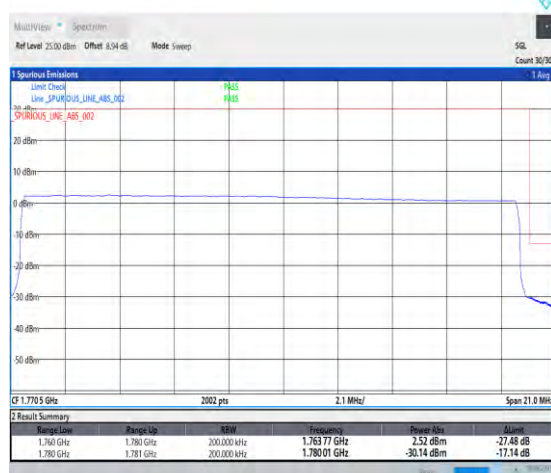
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03:59:05 14.09.2022

1-N66-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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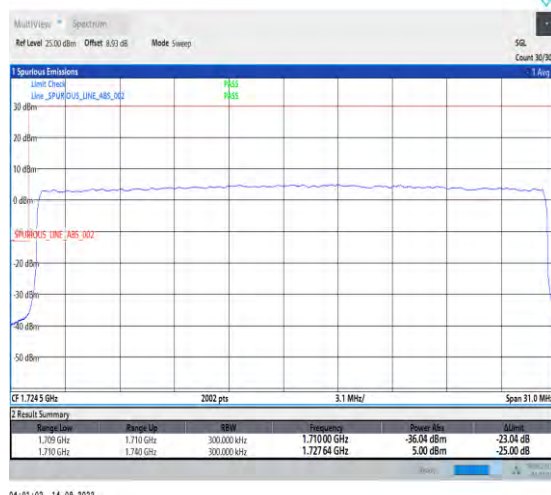
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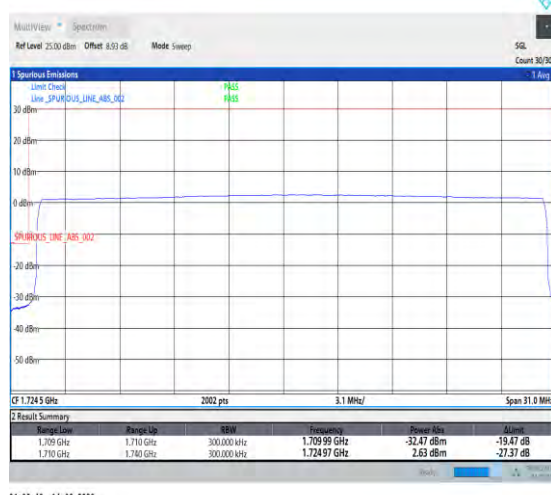
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04:01:53 14.09.2022

1-N66-PC3-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



04:02:42 14.09.2022

1-N66-PC3-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



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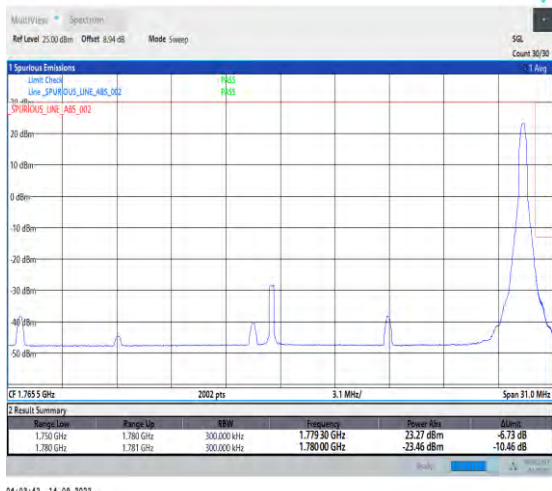
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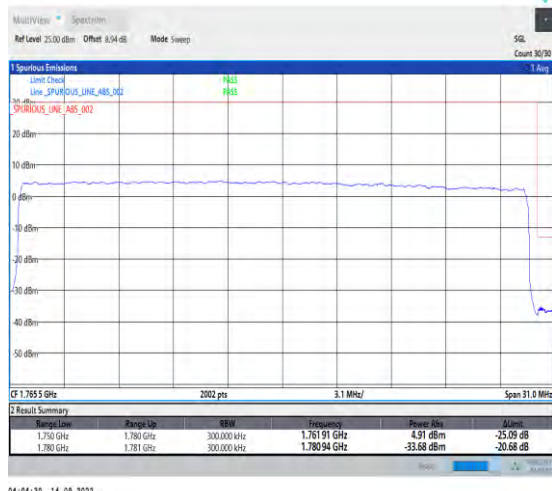
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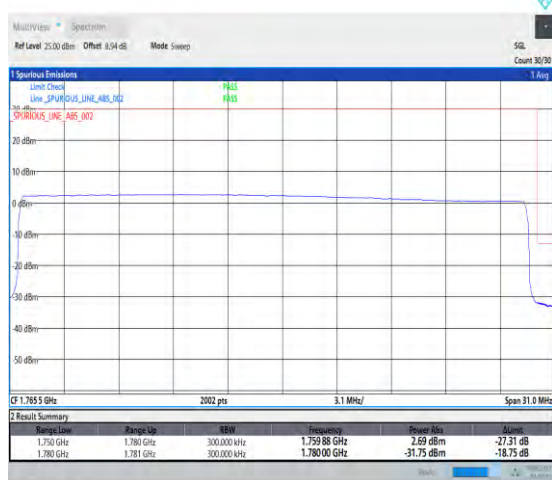
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04:06:12 14.09.2022

1-N66-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



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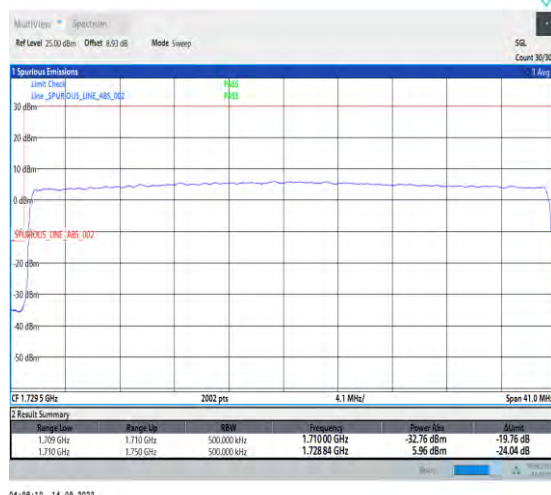
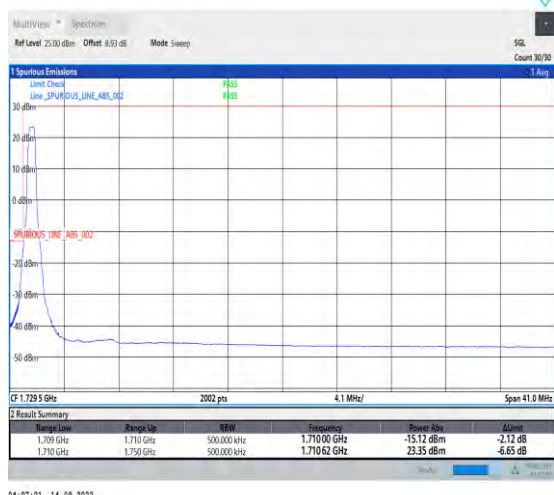
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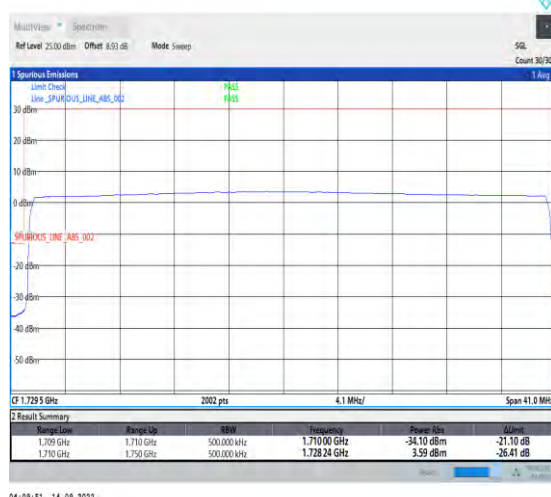
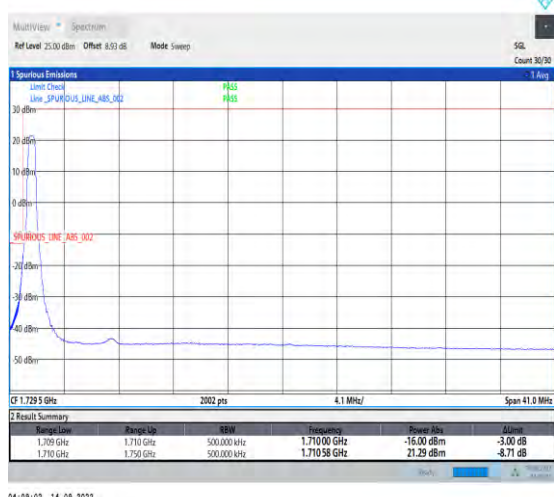
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1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-PC3-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



1-N66-PC3-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



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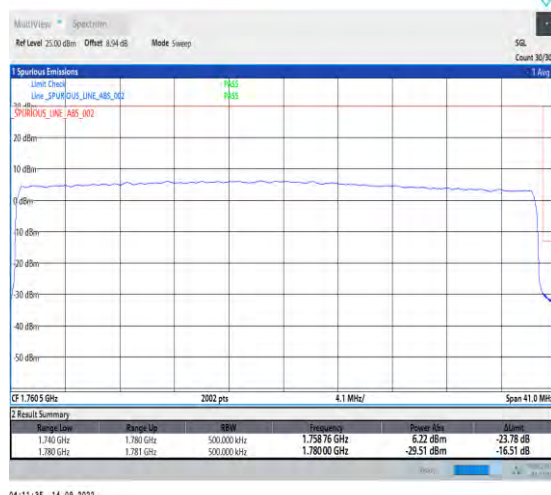
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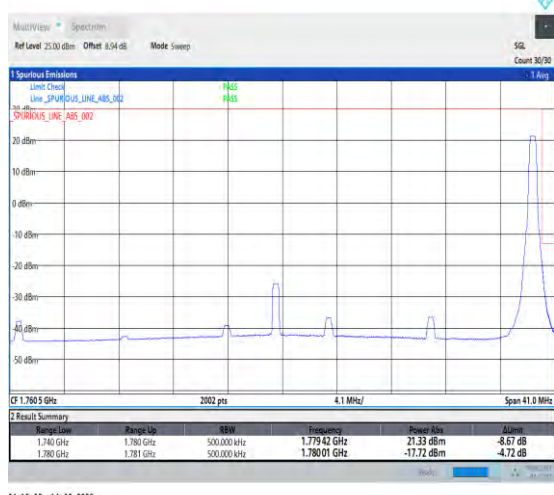
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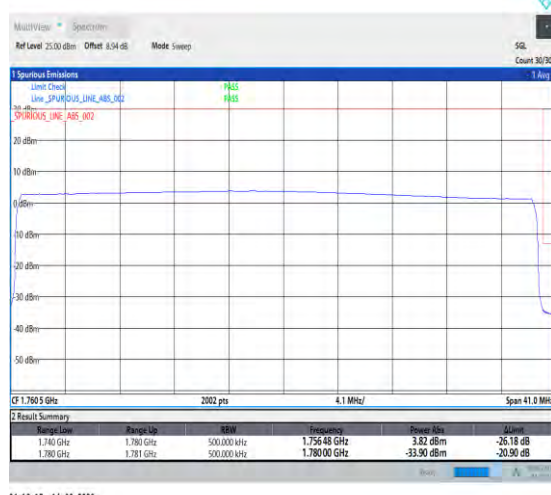
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04:13:17 14. 09. 2022

1-N66-PC3-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



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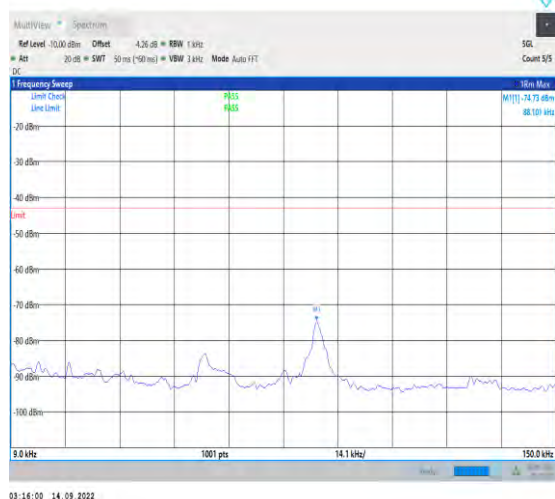
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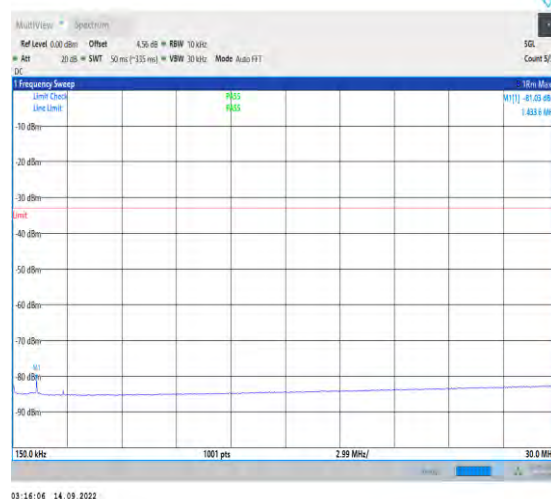
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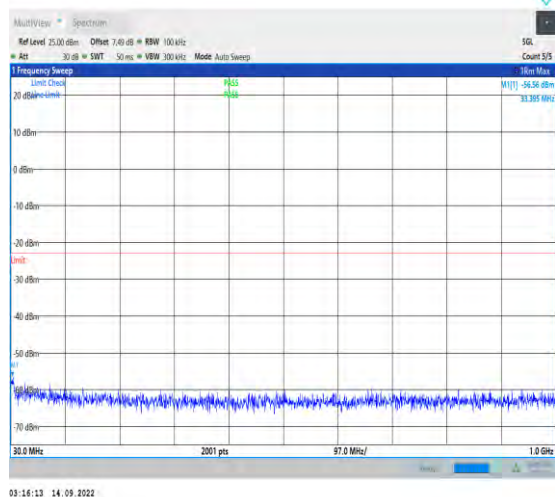
Test Graphs



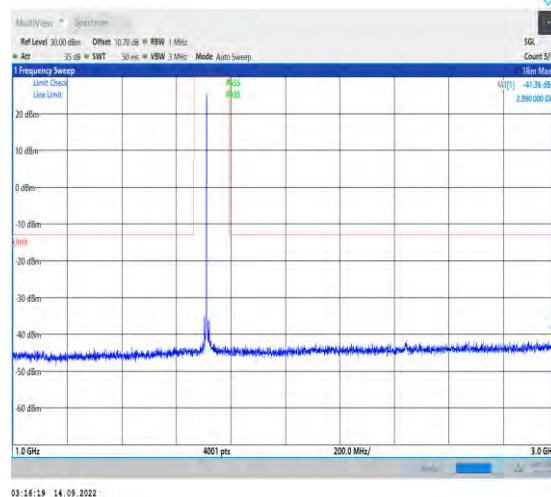
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1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-33.40--56.56--23-PASS



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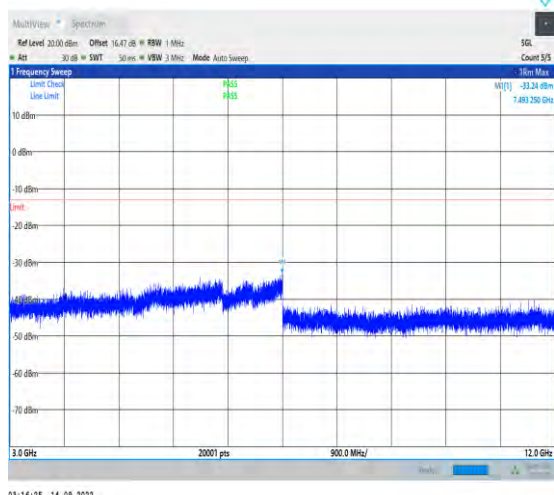
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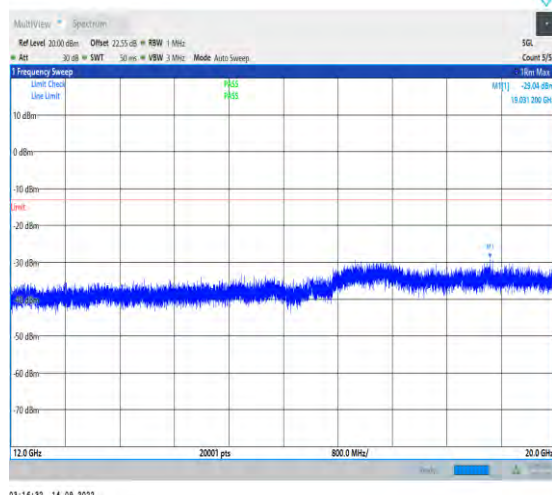
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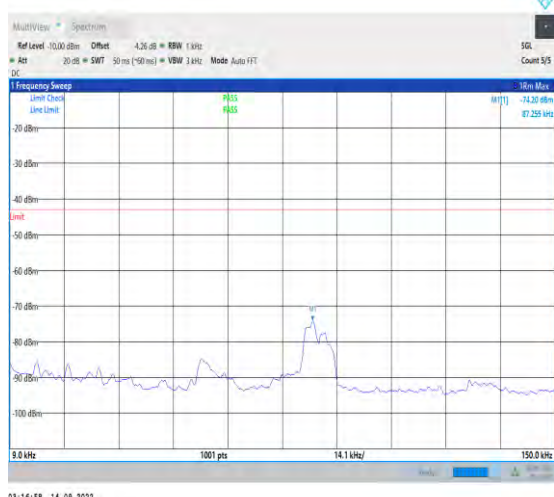
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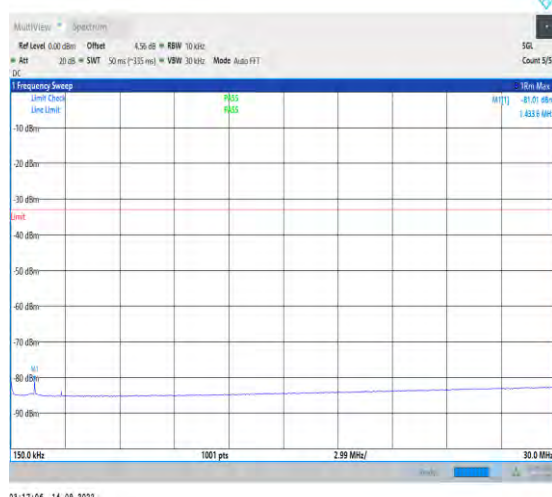
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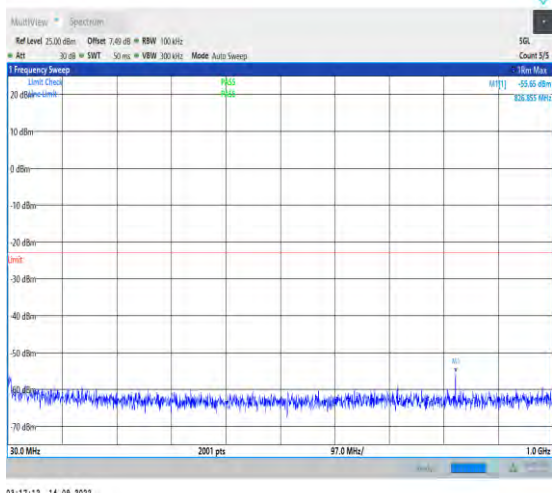
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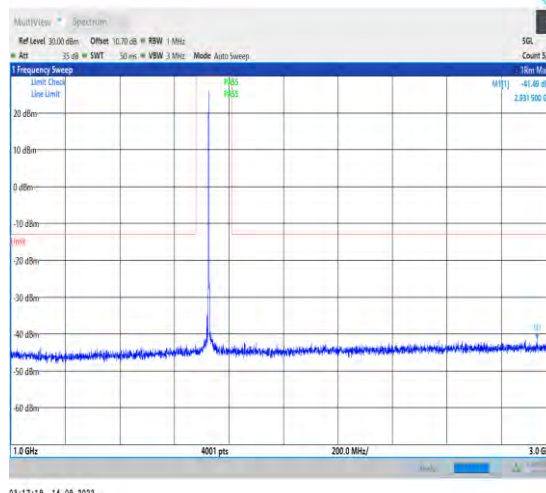
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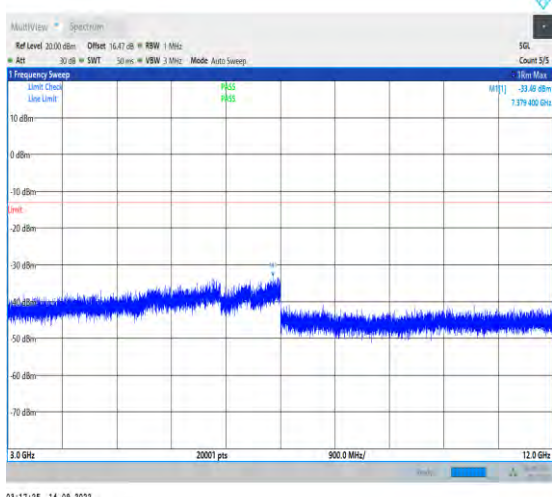
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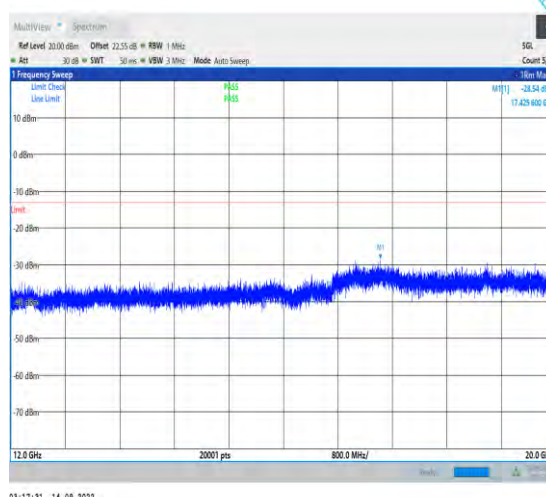
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1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef
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1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L
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S



1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-20000-Ant1-17425.60--28.54--13-PASS



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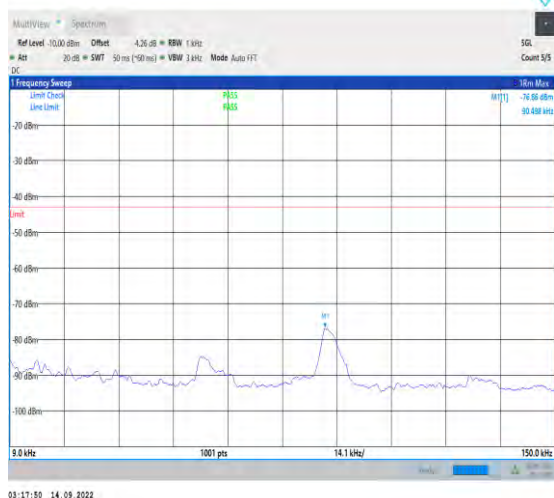
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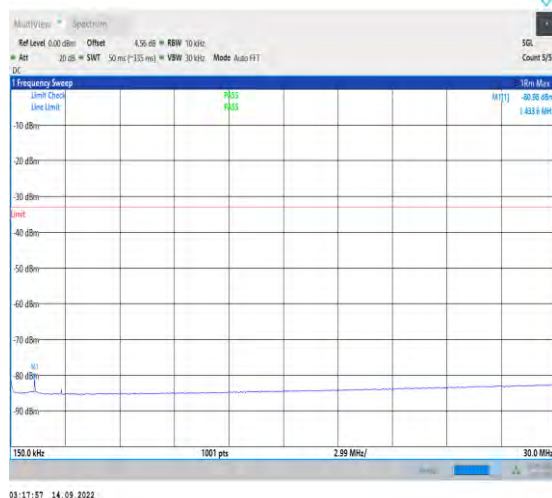
Report No.: SEWA2204000009RG02

Rev.: 01

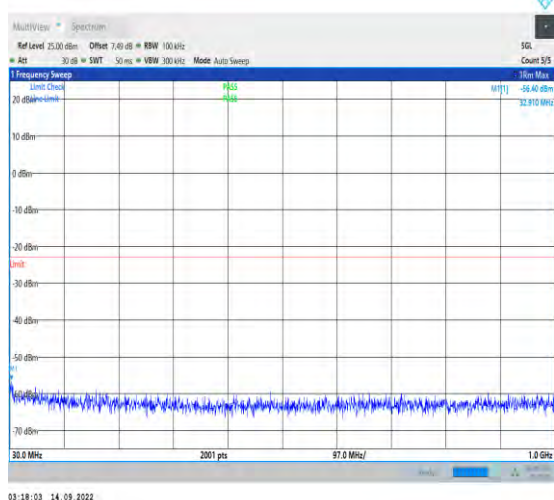
Page: 78 of 93



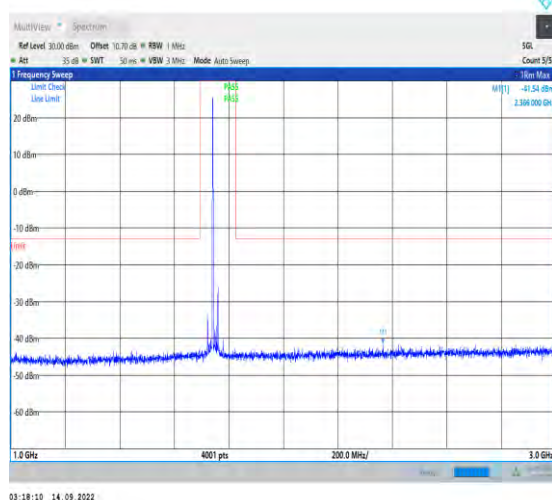
1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L
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1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-0.15-30-Ant1-1.43--80.98--33-PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-30-1000-Ant1-32.91--56.40--23-PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-1000-3000-Ant1-2366.00--41.54--13-PASS



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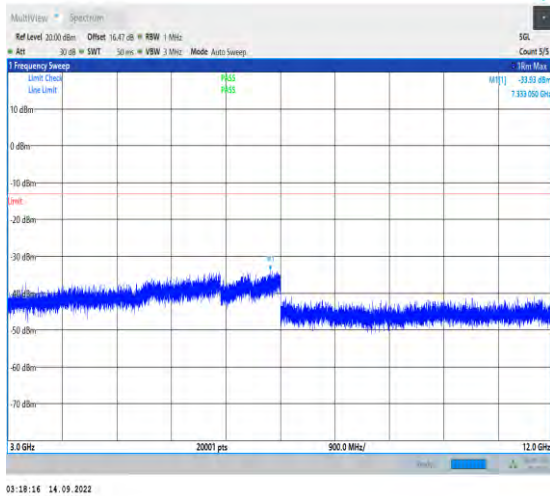
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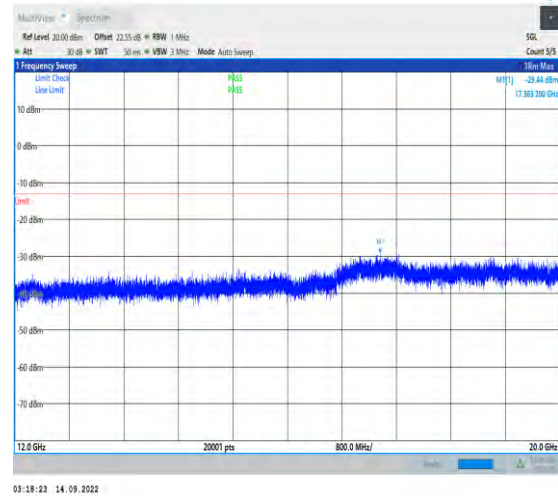
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1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant1-7333.05--33.93--13-PAS
S



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-20000-Ant1-17363.20--29.44--13-PASS



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Field Strength of Spurious Radiation

Test Band = NR SA Band n66_ 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	3404.18	51.22	-45.92	29.44	-60.52	-13.00	47.52	201	212	Horizontal
2	5106.27	49.64	-44.28	32.60	-57.30	-13.00	44.30	142	53	Horizontal
3	6808.36	47.92	-42.55	35.82	-54.07	-13.00	41.07	263	176	Horizontal
4	8510.45	45.54	-39.54	38.06	-51.20	-13.00	38.20	265	199	Horizontal
5	10212.54	42.84	-36.59	38.73	-50.27	-13.00	37.27	241	89	Horizontal
6	11914.63	41.66	-35.10	38.68	-50.02	-13.00	37.02	186	212	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	3404.18	50.03	-45.92	29.44	-61.71	-13.00	48.71	203	0	Vertical
2	5118	55.20	-44.26	32.60	-51.72	-13.00	38.72	265	102	Vertical
3	6808.36	48.55	-42.55	35.82	-53.44	-13.00	40.44	241	17	Vertical
4	8510.45	45.56	-39.54	38.06	-51.18	-13.00	38.18	162	90	Vertical
5	10212.54	42.88	-36.59	38.73	-50.23	-13.00	37.23	299	139	Vertical
6	11914.63	42.27	-35.10	38.68	-49.41	-13.00	36.41	241	0	Vertical



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Test Band = NR SA Band n66_ 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	3454.18	52.06	-45.80	29.42	-59.58	-13.00	46.58	201	126	Horizontal
2	5181.27	49.65	-44.18	32.60	-57.19	-13.00	44.19	265	334	Horizontal
3	6908.36	48.45	-42.44	36.02	-53.24	-13.00	40.24	241	334	Horizontal
4	8635.45	45.92	-39.66	38.20	-50.80	-13.00	37.80	175	29	Horizontal
5	10362.54	41.54	-36.60	38.90	-51.43	-13.00	38.43	263	89	Horizontal
6	12089.63	42.44	-35.20	38.69	-49.33	-13.00	36.33	299	211	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	3454.18	50.39	-45.80	29.42	-61.25	-13.00	48.25	201	214	Vertical
2	5181.27	49.16	-44.18	32.60	-57.68	-13.00	44.68	142	175	Vertical
3	6908.36	47.98	-42.44	36.02	-53.71	-13.00	40.71	263	263	Vertical
4	8635.45	46.43	-39.66	38.20	-50.29	-13.00	37.29	265	265	Vertical
5	10362.54	42.40	-36.60	38.90	-50.57	-13.00	37.57	299	241	Vertical
6	12089.63	42.88	-35.20	38.69	-48.89	-13.00	35.89	284	188	Vertical



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Test Band = NR SA Band n66_ 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	3504.18	49.78	-45.67	29.41	-61.74	-13.00	48.74	254	249	Horizontal
2	5256.27	51.70	-44.07	32.60	-55.03	-13.00	42.03	142	357	Horizontal
3	7008.36	49.07	-42.58	36.21	-52.56	-13.00	39.56	263	1	Horizontal
4	8760.45	46.42	-39.21	38.34	-49.72	-13.00	36.72	298	30	Horizontal
5	10512.54	42.47	-36.36	39.06	-50.09	-13.00	37.09	255	298	Horizontal
6	12262.63	41.25	-35.13	38.86	-50.28	-13.00	37.28	174	188	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	3504.18	50.19	-45.67	29.41	-61.33	-13.00	48.33	201	287	Vertical
2	5256.27	50.34	-44.07	32.60	-56.39	-13.00	43.39	144	287	Vertical
3	7008.36	51.72	-42.58	36.21	-49.91	-13.00	36.91	156	299	Vertical
4	8760.45	46.08	-39.21	38.34	-50.06	-13.00	37.06	266	67	Vertical
5	10512.54	43.07	-36.36	39.06	-49.49	-13.00	36.49	251	238	Vertical
6	12262.63	41.97	-35.13	38.86	-49.56	-13.00	36.56	187	357	Vertical



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Test Band = DC_12A_n66A_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	3422.18	50.49	-45.88	29.43	-61.22	-13.00	48.22	263	171	Horizontal
2	5133.27	47.91	-44.24	32.60	-58.99	-13.00	45.99	251	208	Horizontal
3	6844.36	47.26	-42.50	35.89	-54.61	-13.00	41.61	140	5	Horizontal
4	8555.45	43.07	-39.68	38.11	-53.76	-13.00	40.76	122	0	Horizontal
5	10266.54	40.49	-36.74	38.79	-52.71	-13.00	39.71	293	98	Horizontal
6	11977.63	38.26	-35.32	38.62	-53.69	-13.00	40.69	204	345	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	3422.18	49.38	-45.88	29.43	-62.33	-13.00	49.33	263	124	Vertical
2	5133.27	48.33	-44.24	32.60	-58.57	-13.00	45.57	201	334	Vertical
3	6844.36	47.92	-42.50	35.89	-53.95	-13.00	40.95	196	186	Vertical
4	8555.45	43.80	-39.68	38.11	-53.03	-13.00	40.03	201	357	Vertical
5	10266.54	40.55	-36.74	38.79	-52.65	-13.00	39.65	142	2	Vertical
6	11977.63	38.76	-35.32	38.62	-53.19	-13.00	40.19	266	247	Vertical



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Test Band = DC_12A_n66A_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	3472.18	49.16	-45.76	29.41	-62.45	-13.00	49.45	201	357	Horizontal
2	5208.27	48.97	-44.14	32.60	-57.83	-13.00	44.83	142	308	Horizontal
3	6944.36	46.54	-42.50	36.09	-55.13	-13.00	42.13	263	23	Horizontal
4	8680.45	44.96	-39.46	38.25	-51.51	-13.00	38.51	220	271	Horizontal
5	10416.54	39.52	-36.46	38.96	-53.24	-13.00	40.24	142	209	Horizontal
6	12152.63	38.71	-35.22	38.75	-53.02	-13.00	40.02	283	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	49.19	-45.76	29.41	-62.42	-13.00	49.42	201	1	Vertical
2	5208.27	48.77	-44.14	32.60	-58.03	-13.00	45.03	142	309	Vertical
3	6944.36	47.71	-42.50	36.09	-53.96	-13.00	40.96	263	199	Vertical
4	8680.45	44.34	-39.46	38.25	-52.13	-13.00	39.13	265	222	Vertical
5	10416.54	39.06	-36.46	38.96	-53.70	-13.00	40.70	295	346	Vertical
6	12152.63	39.16	-35.22	38.75	-52.57	-13.00	39.57	204	284	Vertical



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Test Band = DC_12A_n66A_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	3522.18	48.98	-45.58	29.45	-62.41	-13.00	49.41	241	185	Horizontal
2	5283.27	50.08	-44.03	32.60	-56.61	-13.00	43.61	142	297	Horizontal
3	7044.36	46.72	-42.54	36.23	-54.85	-13.00	41.85	263	297	Horizontal
4	8805.45	43.37	-39.11	38.39	-52.61	-13.00	39.61	295	309	Horizontal
5	10566.54	38.50	-36.24	39.12	-53.87	-13.00	40.87	201	221	Horizontal
6	12327.63	39.38	-35.09	38.93	-52.04	-13.00	39.04	177	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.18	49.39	-45.58	29.45	-62.00	-13.00	49.00	201	345	Vertical
2	5283.27	49.44	-44.03	32.60	-57.25	-13.00	44.25	142	160	Vertical
3	7044.36	47.18	-42.54	36.23	-54.39	-13.00	41.39	263	185	Vertical
4	8805.45	44.63	-39.11	38.39	-51.35	-13.00	38.35	265	123	Vertical
5	10566.54	38.77	-36.24	39.12	-53.60	-13.00	40.60	295	74	Vertical
6	12327.63	39.87	-35.09	38.93	-51.55	-13.00	38.55	241	24	Vertical



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Test Band = DC_2A_n66A_ 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	3422.18	50.52	-45.88	29.43	-61.19	-13.00	48.19	201	173	Horizontal
2	5133.27	48.62	-44.24	32.60	-58.28	-13.00	45.28	142	36	Horizontal
3	6844.36	47.35	-42.50	35.89	-54.52	-13.00	41.52	262	160	Horizontal
4	8555.45	43.46	-39.68	38.11	-53.37	-13.00	40.37	254	221	Horizontal
5	10266.54	41.36	-36.74	38.79	-51.84	-13.00	38.84	196	98	Horizontal
6	11977.63	38.10	-35.32	38.62	-53.85	-13.00	40.85	204	135	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	3422.18	49.76	-45.88	29.43	-61.95	-13.00	48.95	263	147	Vertical
2	5133.27	47.83	-44.24	32.60	-59.07	-13.00	46.07	201	160	Vertical
3	6844.36	46.98	-42.50	35.89	-54.89	-13.00	41.89	142	122	Vertical
4	8555.45	43.97	-39.68	38.11	-52.86	-13.00	39.86	265	209	Vertical
5	10266.54	40.74	-36.74	38.79	-52.46	-13.00	39.46	284	344	Vertical
6	11977.63	39.08	-35.32	38.62	-52.87	-13.00	39.87	117	14	Vertical



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Test Band = DC_2A_n66A_ 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	3472.18	49.23	-45.76	29.41	-62.38	-13.00	49.38	142	87	Horizontal
2	5208.27	48.34	-44.14	32.60	-58.46	-13.00	45.46	263	124	Horizontal
3	6944.36	46.58	-42.50	36.09	-55.09	-13.00	42.09	251	309	Horizontal
4	8680.45	45.43	-39.46	38.25	-51.04	-13.00	38.04	142	357	Horizontal
5	10416.54	38.94	-36.46	38.96	-53.82	-13.00	40.82	284	297	Horizontal
6	12152.63	39.26	-35.22	38.75	-52.47	-13.00	39.47	175	24	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	3472.18	50.23	-45.76	29.41	-61.38	-13.00	48.38	201	1	Vertical
2	5208.27	49.59	-44.14	32.60	-57.21	-13.00	44.21	142	197	Vertical
3	6944.36	47.75	-42.50	36.09	-53.92	-13.00	40.92	263	48	Vertical
4	8680.45	44.23	-39.46	38.25	-52.24	-13.00	39.24	265	0	Vertical
5	10416.54	39.58	-36.46	38.96	-53.18	-13.00	40.18	295	284	Vertical
6	12152.63	38.57	-35.22	38.75	-53.16	-13.00	40.16	241	197	Vertical



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Test Band = DC_2A_n66A_ 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	3522.18	49.85	-45.58	29.45	-61.54	-13.00	48.54	263	23	Horizontal
2	5283.27	49.94	-44.03	32.60	-56.75	-13.00	43.75	254	186	Horizontal
3	7044.36	47.20	-42.54	36.23	-54.37	-13.00	41.37	141	61	Horizontal
4	8805.45	42.98	-39.11	38.39	-53.00	-13.00	40.00	175	209	Horizontal
5	10566.54	39.98	-36.24	39.12	-52.39	-13.00	39.39	265	221	Horizontal
6	12327.63	38.88	-35.09	38.93	-52.54	-13.00	39.54	296	47	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	3522.18	50.37	-45.58	29.45	-61.02	-13.00	48.02	201	13	Vertical
2	5283.27	50.54	-44.03	32.60	-56.15	-13.00	43.15	142	186	Vertical
3	7044.36	46.67	-42.54	36.23	-54.90	-13.00	41.90	265	236	Vertical
4	8805.45	43.57	-39.11	38.39	-52.41	-13.00	39.41	284	97	Vertical
5	10566.54	38.97	-36.24	39.12	-53.40	-13.00	40.40	174	160	Vertical
6	12327.63	39.33	-35.09	38.93	-52.09	-13.00	39.09	145	223	Vertical



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Test Band = DC_5A_n66A_ 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	3422.18	49.63	-45.88	29.43	-62.08	-13.00	49.08	201	356	Horizontal
2	5133.27	47.86	-44.24	32.60	-59.04	-13.00	46.04	142	297	Horizontal
3	6844.36	47.82	-42.50	35.89	-54.05	-13.00	41.05	263	320	Horizontal
4	8555.45	44.24	-39.68	38.11	-52.59	-13.00	39.59	265	147	Horizontal
5	10266.54	40.84	-36.74	38.79	-52.36	-13.00	39.36	284	5	Horizontal
6	11977.63	39.97	-35.32	38.62	-51.98	-13.00	38.98	104	344	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	3422.18	49.95	-45.88	29.43	-61.76	-13.00	48.76	211	284	Vertical
2	5133.27	48.18	-44.24	32.60	-58.72	-13.00	45.72	230	111	Vertical
3	6844.36	47.52	-42.50	35.89	-54.35	-13.00	41.35	100	134	Vertical
4	8555.45	44.86	-39.68	38.11	-51.97	-13.00	38.97	265	111	Vertical
5	10266.54	40.55	-36.74	38.79	-52.65	-13.00	39.65	201	73	Vertical
6	11977.63	39.31	-35.32	38.62	-52.64	-13.00	39.64	176	99	Vertical



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Test Band = DC_5A_n66A_ 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	3472.18	49.14	-45.76	29.41	-62.47	-13.00	49.47	201	159	Horizontal
2	5208.27	50.63	-44.14	32.60	-56.17	-13.00	43.17	269	246	Horizontal
3	6944.36	46.62	-42.50	36.09	-55.05	-13.00	42.05	201	356	Horizontal
4	8680.45	45.24	-39.46	38.25	-51.23	-13.00	38.23	145	1	Horizontal
5	10416.54	40.66	-36.46	38.96	-52.10	-13.00	39.10	231	72	Horizontal
6	12152.63	38.79	-35.22	38.75	-52.94	-13.00	39.94	189	96	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	3472.18	48.83	-45.76	29.41	-62.78	-13.00	49.78	265	160	Vertical
2	5208.27	48.08	-44.14	32.60	-58.72	-13.00	45.72	241	0	Vertical
3	6944.36	46.84	-42.50	36.09	-54.83	-13.00	41.83	174	6	Vertical
4	8680.45	44.96	-39.46	38.25	-51.51	-13.00	38.51	155	26	Vertical
5	10416.54	38.06	-36.46	38.96	-54.70	-13.00	41.70	233	221	Vertical
6	12152.63	39.79	-35.22	38.75	-51.94	-13.00	38.94	210	6	Vertical



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Test Band = DC_5A_n66A_ 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	3522.18	48.90	-45.58	29.45	-62.49	-13.00	49.49	263	271	Horizontal
2	5283.27	49.07	-44.03	32.60	-57.62	-13.00	44.62	254	5	Horizontal
3	7044.36	48.52	-42.54	36.23	-53.05	-13.00	40.05	142	186	Horizontal
4	8805.45	43.50	-39.11	38.39	-52.48	-13.00	39.48	201	201	Horizontal
5	10566.54	39.60	-36.24	39.12	-52.77	-13.00	39.77	163	142	Horizontal
6	12327.63	40.17	-35.09	38.93	-51.25	-13.00	38.25	208	333	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	3522.18	50.92	-45.58	29.45	-60.47	-13.00	47.47	203	272	Vertical
2	5283.27	49.95	-44.03	32.60	-56.74	-13.00	43.74	265	49	Vertical
3	7044.36	46.62	-42.54	36.23	-54.95	-13.00	41.95	244	122	Vertical
4	8805.45	45.25	-39.11	38.39	-50.73	-13.00	37.73	175	160	Vertical
5	10566.54	38.66	-36.24	39.12	-53.71	-13.00	40.71	266	109	Vertical
6	12327.63	40.77	-35.09	38.93	-50.65	-13.00	37.65	142	297	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	9.900000	0.005673	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	6.900000	0.003954	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	1.300000	0.000745	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VH	NT	7.400000	0.004241	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VN	NT	8.500000	0.004871	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VL	NT	8.300000	0.004756	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	7.700000	0.004413	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	7.900000	0.004527	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	8.800000	0.005043	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	8.600000	0.004928	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	8.500000	0.004871	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	7.400000	0.004241	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	9.800000	0.005616	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	9.400000	0.005387	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	14.400000	0.008252	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	8.300000	0.004756	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	-0.500000	-0.000287	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	12.900000	0.007393	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	3.200000	0.001834	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	-4.800000	-0.002751	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	5.800000	0.003324	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	9.900000	0.005673	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	6.200000	0.003553	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	14.600000	0.008367	PASS

 $|\text{MAX}(\Delta f)| = 14.6\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.562354	$\geq 1710\text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1779.456982	$\leq 1780\text{ MHz}$	

---End of Attachment---



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