



1-N66-PC3-15-20-H-2-DFT-PI2BPSK-Outer\_Full-100  
@0-17.873-18.600-<=20-PASS



1-N66-PC3-15-20-H-3-DFT-16QAM-Outer\_Full-100  
@0-17.883-18.720-<=20-PASS



1-N66-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100  
@0-17.906-18.640-<=20-PASS

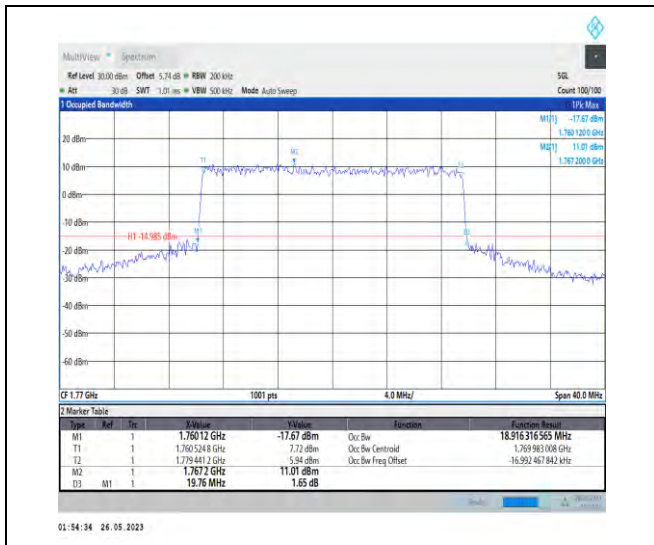


1-N66-PC3-15-20-H-5-DFT-256QAM-Outer\_Full-100  
@0-17.884-18.720-<=20-PASS



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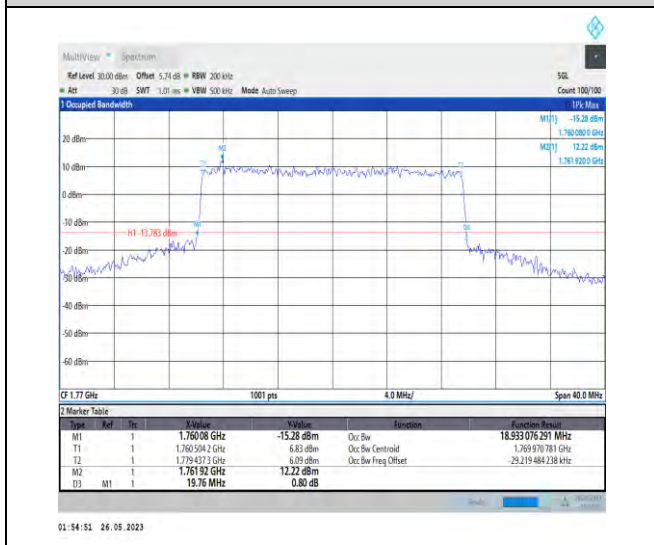
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1-N66-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0  
 -18.916-19.760-<20-PASS



1-N66-PC3-15-20-H-7-CP-16QAM-Outer\_Full-106@0  
 -18.926-19.760-<20-PASS



1-N66-PC3-15-20-H-8-CP-64QAM-Outer\_Full-106@0  
 -18.933-19.760-<20-PASS



1-N66-PC3-15-20-H-9-CP-256QAM-Outer\_Full-106@0  
 -18.915-19.680-<20-PASS



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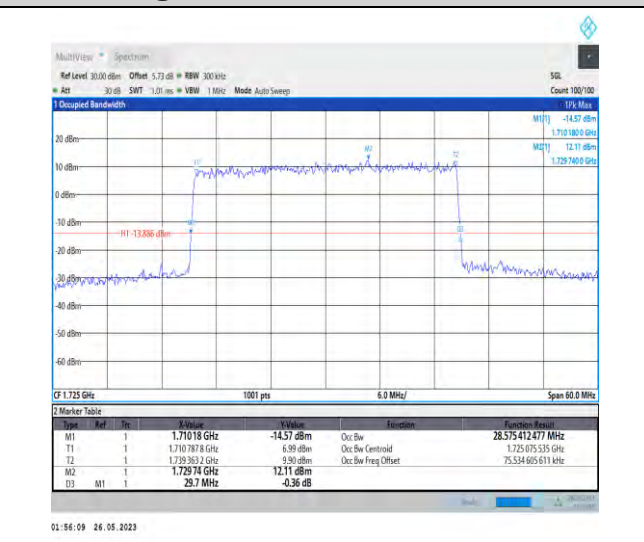
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 0-28.525-29.700-≤30-PASS



1-N66-PC3-15-30-L-2-DFT-PI2BPSK-Outer\_Full-160  
 @0-28.519-29.700-≤30-PASS



1-N66-PC3-15-30-L-3-DFT-16QAM-Outer\_Full-160  
 @0-28.524-29.580-≤30-PASS

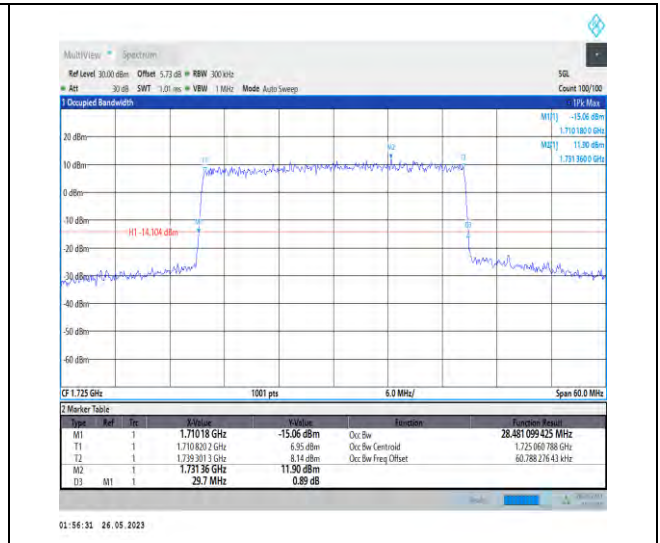


1-N66-PC3-15-30-L-4-DFT-64QAM-Outer\_Full-160@  
 0-28.575-29.700-≤30-PASS



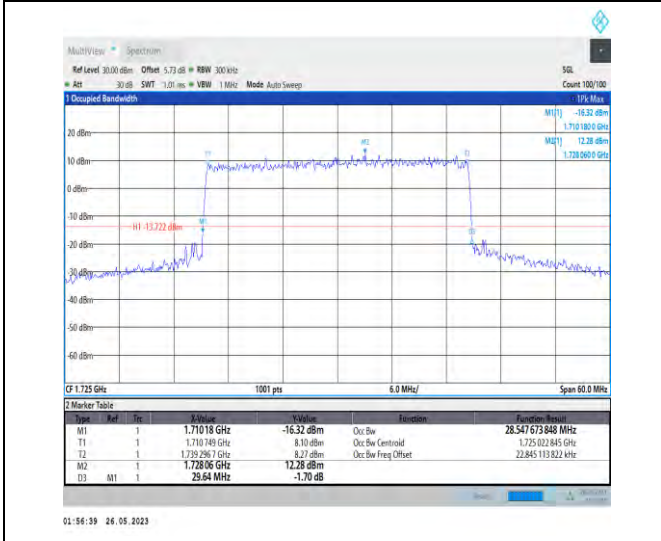
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1-N66-PC3-15-30-L-5-DFT-256QAM-Outer\_Full-160 @0-28.539-29.640-≤30-PASS

1-N66-PC3-15-30-L-6-CP-QPSK-Outer\_Full-160@0 -28.481-29.700-≤30-PASS



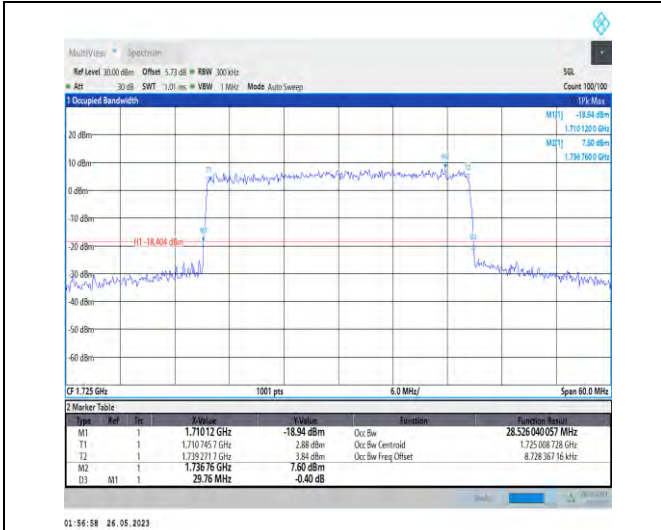
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1-N66-PC3-15-30-L-8-CP-64QAM-Outer\_Full-160@0 -28.509-29.700-≤30-PASS



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1-N66-PC3-15-30-L-9-CP-256QAM-Outer\_Full-160@  
0-28.526-29.760-<30-PASS



1-N66-PC3-15-30-M-1-DFT-QPSK-Outer\_Full-160  
@0-28.61-29.700-<30-PASS



1-N66-PC3-15-30-M-2-DFT-PI2BPSK-Outer\_Full-160  
@0-28.598-29.700-<30-PASS



1-N66-PC3-15-30-M-3-DFT-16QAM-Outer\_Full-160  
@0-28.56-29.640-<30-PASS

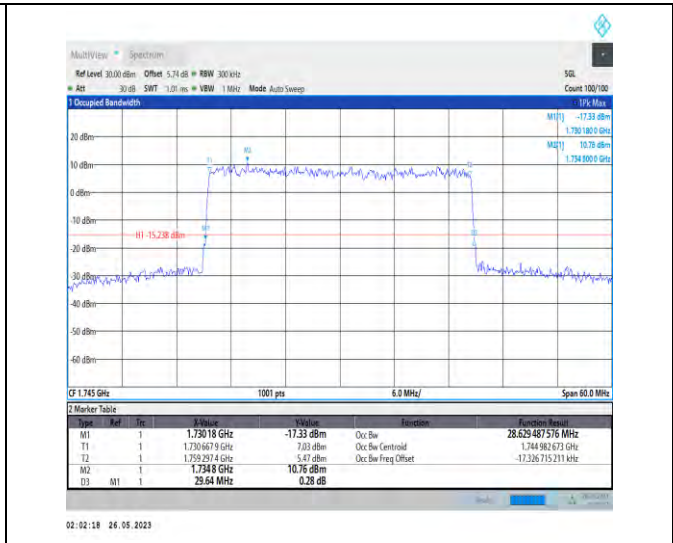


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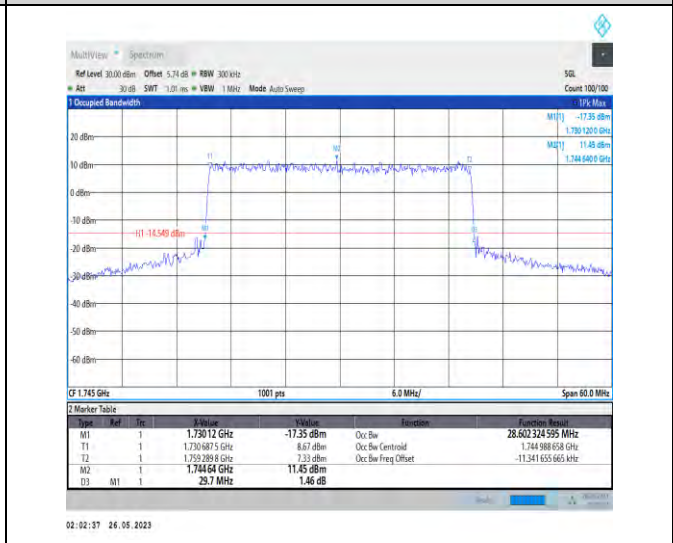
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1-N66-PC3-15-30-M-5-DFT-256QAM-Outer\_Full-160  
@0-28.629-29.640-<30-PASS



1-N66-PC3-15-30-M-6-CP-QPSK-Outer\_Full-160@  
0-28.556-29.820-<30-PASS

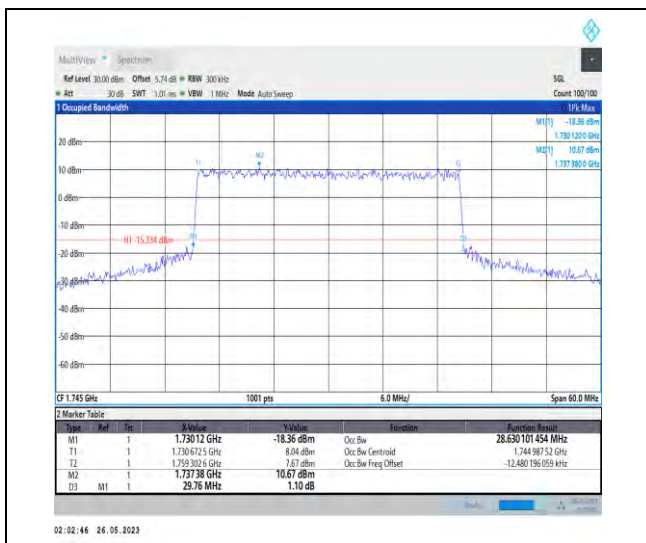


1-N66-PC3-15-30-M-7-CP-16QAM-Outer\_Full-160@  
0-28.602-29.700-<30-PASS



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1-N66-PC3-15-30-M-8-CP-64QAM-Outer\_Full-160 @0-28.63-29.760-<30-PASS



1-N66-PC3-15-30-M-9-CP-256QAM-Outer\_Full-160@ 0-28.589-29.700-<30-PASS



1-N66-PC3-15-30-H-1-DFT-QPSK-Outer\_Full-160 @0-28.558-29.640-<30-PASS



1-N66-PC3-15-30-H-2-DFT-PI2BPSK-Outer\_Full-160 @0-28.544-29.580-<30-PASS



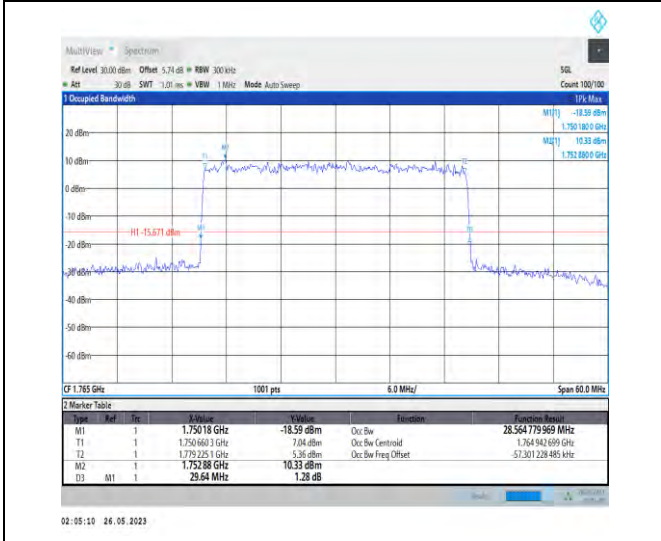
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1-N66-PC3-15-30-H-3-DFT-16QAM-Outer\_Full-160 @0-28.545-29.520-<=30-PASS

1-N66-PC3-15-30-H-4-DFT-64QAM-Outer\_Full-160 @0-28.587-29.700-<=30-PASS



1-N66-PC3-15-30-H-5-DFT-256QAM-Outer\_Full-160 @0-28.565-29.640-<=30-PASS

1-N66-PC3-15-30-H-6-CP-QPSK-Outer\_Full-160@0-28.546-29.760-<=30-PASS



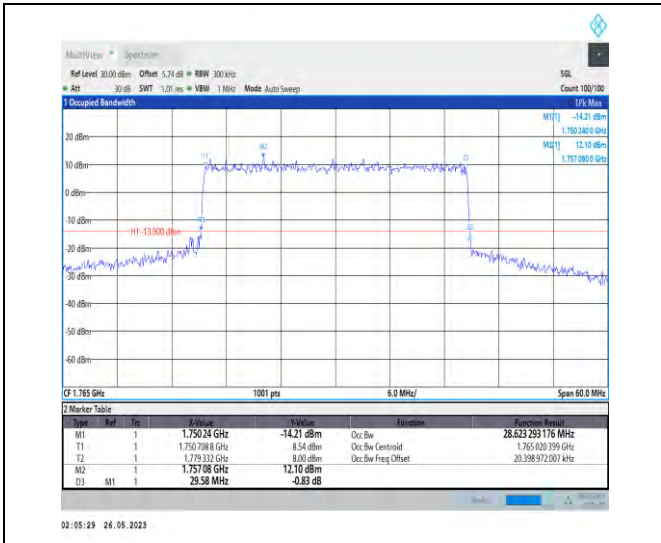
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0-28.623-29.580-≤30-PASS



1-N66-PC3-15-30-H-8-CP-64QAM-Outer\_Full-160@  
0-28.523-29.760-≤30-PASS



1-N66-PC3-15-30-H-9-CP-256QAM-Outer\_Full-160  
@0-28.538-29.700-≤30-PASS



1-N66-PC3-15-40-L-1-DFT-QPSK-Outer\_Full-216@  
0-38.489-40.320-≤40-PASS



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1-N66-PC3-15-40-L-3-DFT-16QAM-Outter\_Full-216  
@0-38.501-40.240-<40-PASS



1-N66-PC3-15-40-L-4-DFT-64QAM-Outter\_Full-216  
@0-38.48-40.080-<40-PASS



1-N66-PC3-15-40-L-5-DFT-256QAM-Outter\_Full-216  
@0-38.482-40.080-<40-PASS



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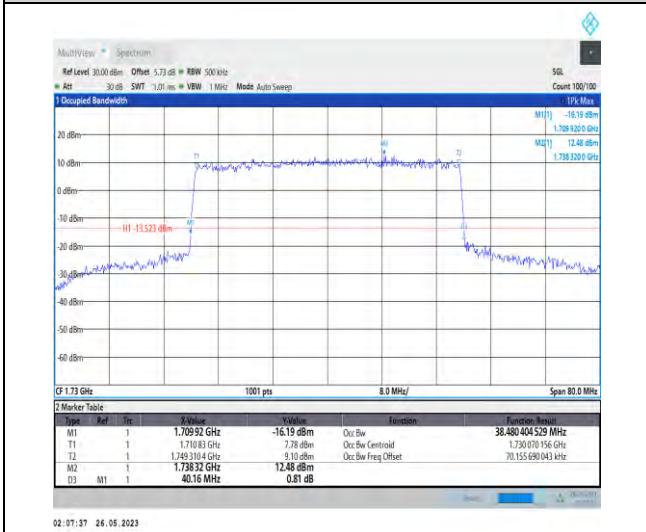
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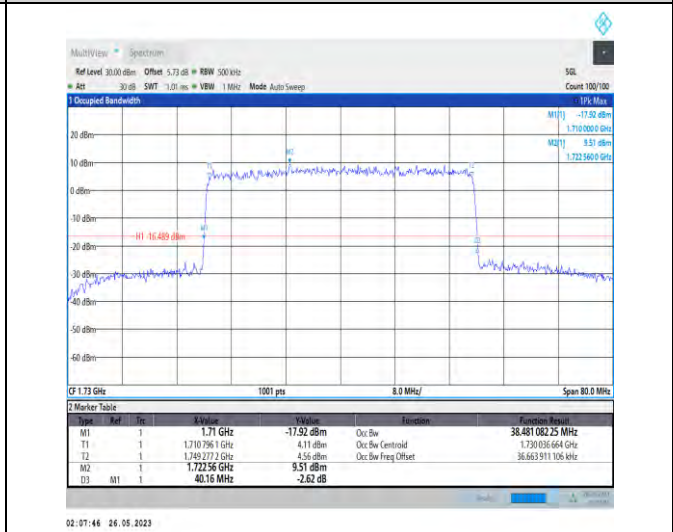
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1-N66-PC3-15-40-L-7-CP-16QAM-Outer\_Full-216@0  
-38.421-40.080-≤40-PASS



1-N66-PC3-15-40-L-8-CP-64QAM-Outer\_Full-216@0  
0-38.48-40.160-≤40-PASS



1-N66-PC3-15-40-L-9-CP-256QAM-Outer\_Full-216@0  
0-38.481-40.160-≤40-PASS



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1-N66-PC3-15-40-M-1-DFT-QPSK-Outer\_Full-216@  
 0-38.585-40.160-<40-PASS



1-N66-PC3-15-40-M-2-DFT-PI2BPSK-Outer\_Full-21  
 6@0-38.56-40.160-<40-PASS



1-N66-PC3-15-40-M-3-DFT-16QAM-Outer\_Full-216  
 @0-38.483-40.160-<40-PASS



1-N66-PC3-15-40-M-4-DFT-64QAM-Outer\_Full-216  
 @0-38.614-40.160-<40-PASS



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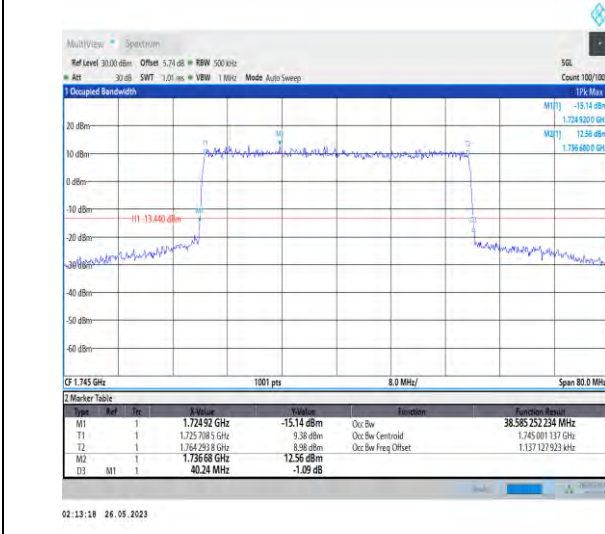
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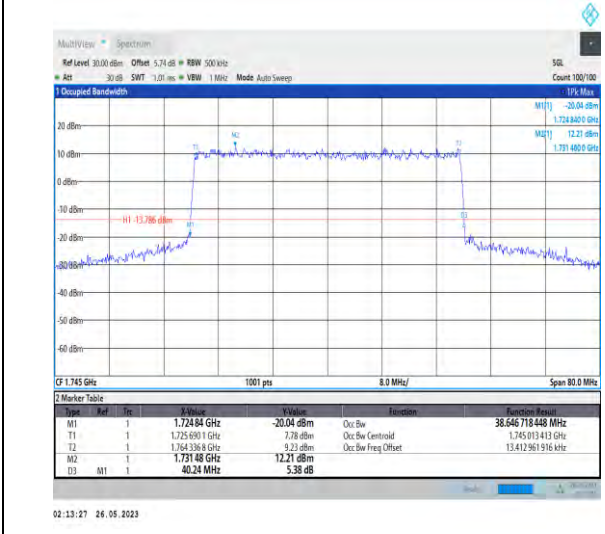
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1-N66-PC3-15-40-M-6-CP-QPSK-Outer\_Full-216 @0-38.513-40.160-<math>\leq 40</math>-PASS



1-N66-PC3-15-40-M-7-CP-16QAM-Outer\_Full-216 @0-38.585-40.240-<math>\leq 40</math>-PASS

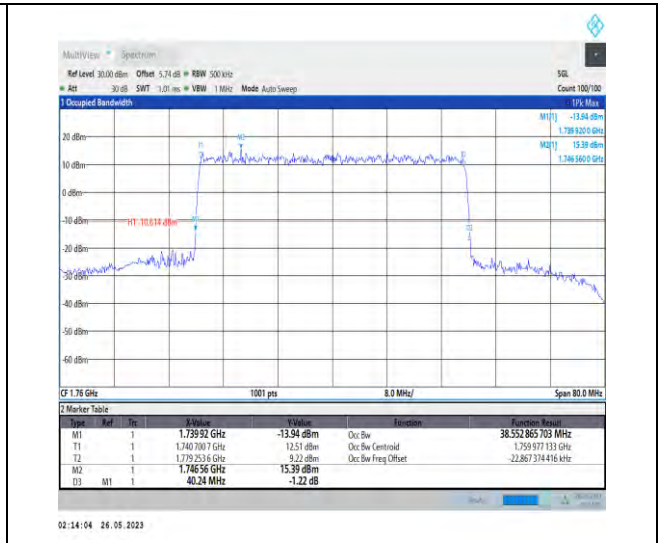


1-N66-PC3-15-40-M-8-CP-64QAM-Outer\_Full-216 @0-38.647-40.240-<math>\leq 40</math>-PASS



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1-N66-PC3-15-40-M-9-CP-256QAM-Outer\_Full-216 @0-38.546-40.160-<math>\leq 40</math>-PASS

1-N66-PC3-15-40-H-1-DFT-QPSK-Outer\_Full-216 @0-38.553-40.240-<math>\leq 40</math>-PASS



1-N66-PC3-15-40-H-2-DFT-PI2BPSK-Outer\_Full-216 @0-38.477-40.160-<math>\leq 40</math>-PASS

1-N66-PC3-15-40-H-3-DFT-16QAM-Outer\_Full-216 @0-38.472-40.240-<math>\leq 40</math>-PASS

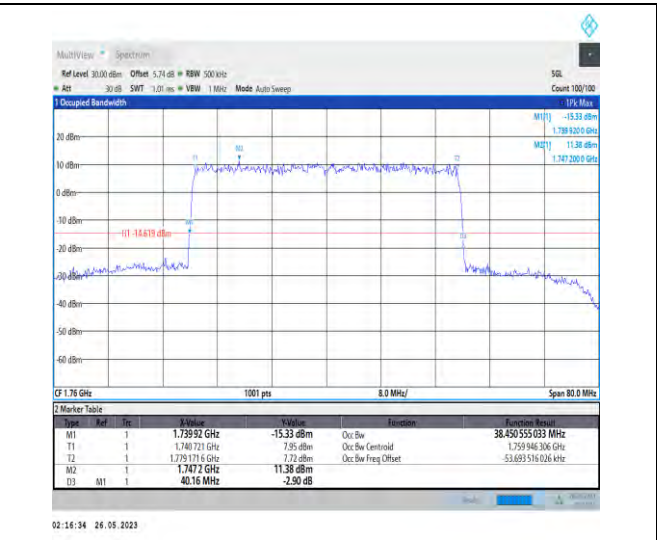


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1-N66-PC3-15-40-H-4-DFT-64QAM-Outer\_Full-216  
@0-38.465-40.160-<math>\leq 40</math>-PASS



1-N66-PC3-15-40-H-5-DFT-256QAM-Outer\_Full-216  
@0-38.451-40.160-<math>\leq 40</math>-PASS



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-38.5-40.160-<math>\leq 40</math>-PASS

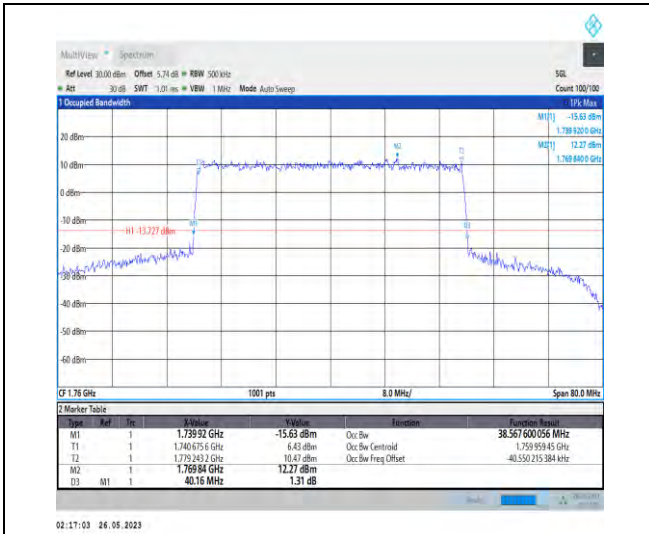


1-N66-PC3-15-40-H-7-CP-16QAM-Outer\_Full-216@  
0-38.551-40.160-<math>\leq 40</math>-PASS



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1-N66-PC3-15-40-H-8-CP-64QAM-Outer\_Full-216@  
0-38.568-40.160-≤40-PASS



1-N66-PC3-15-40-H-9-CP-256QAM-Outer\_Full-216  
@0-38.549-40.160-≤40-PASS



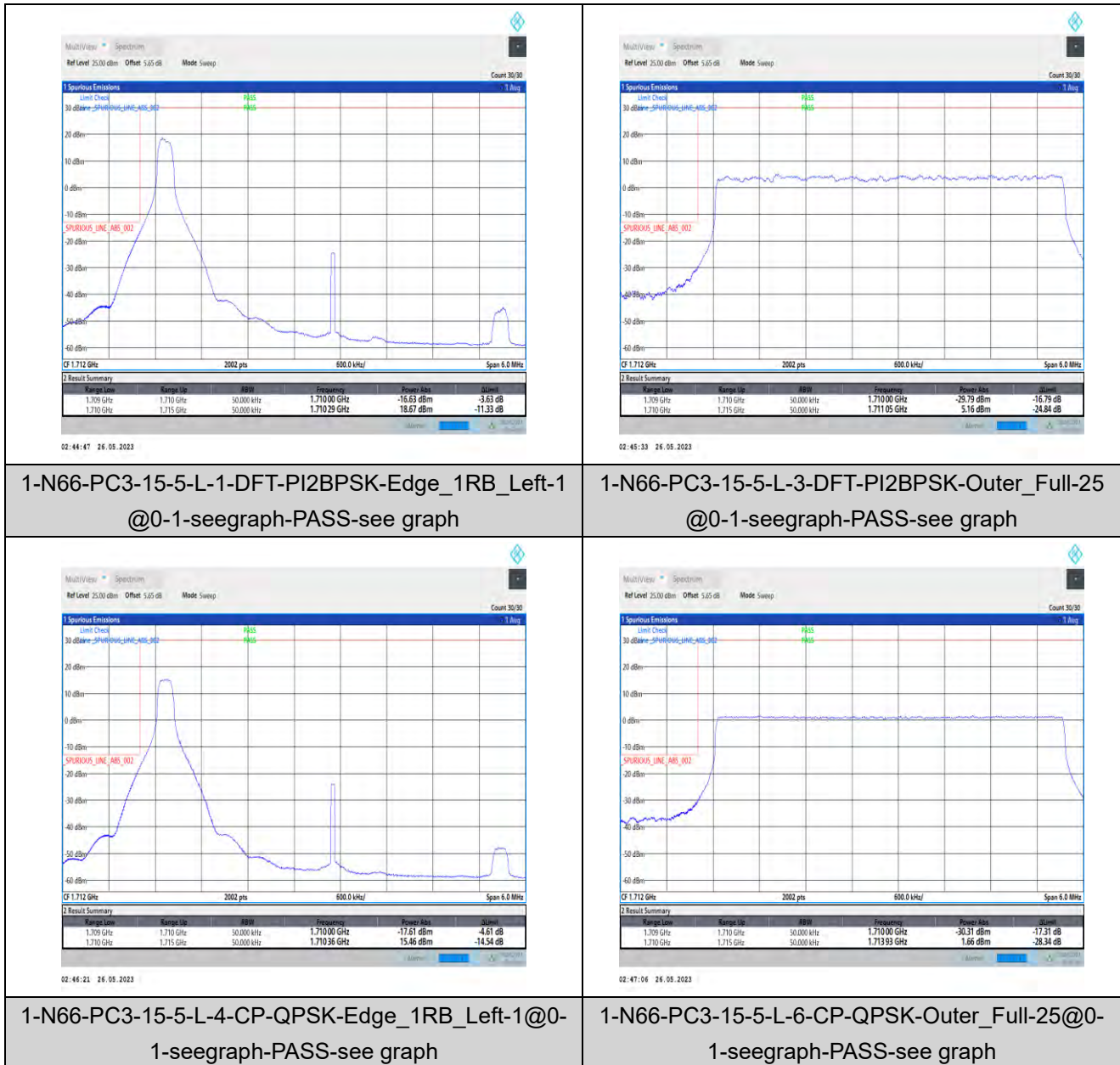
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## Band Edge for SA

### Test Graphs



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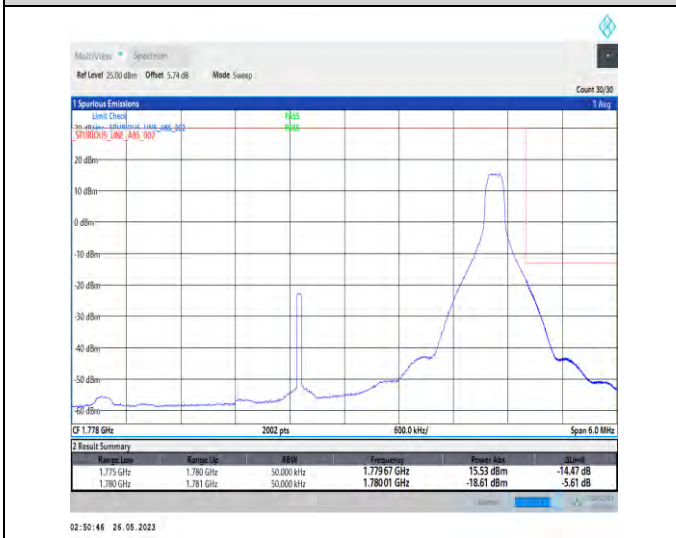
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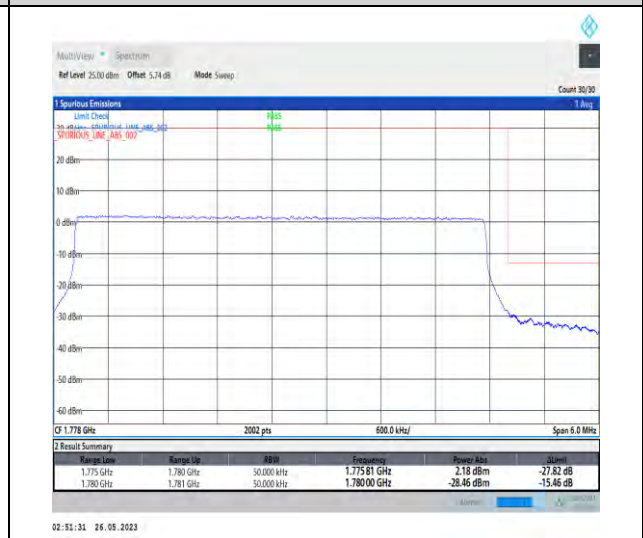
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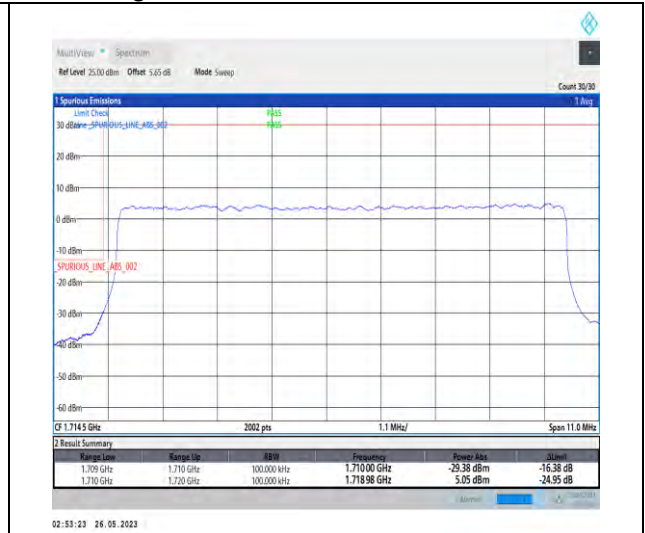
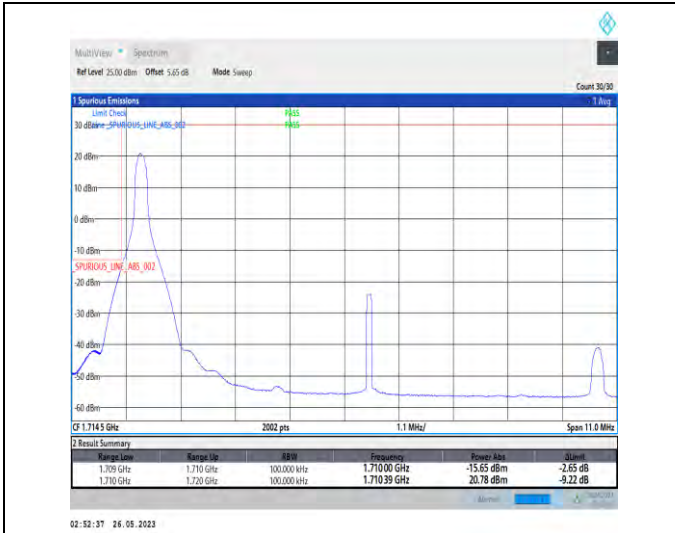


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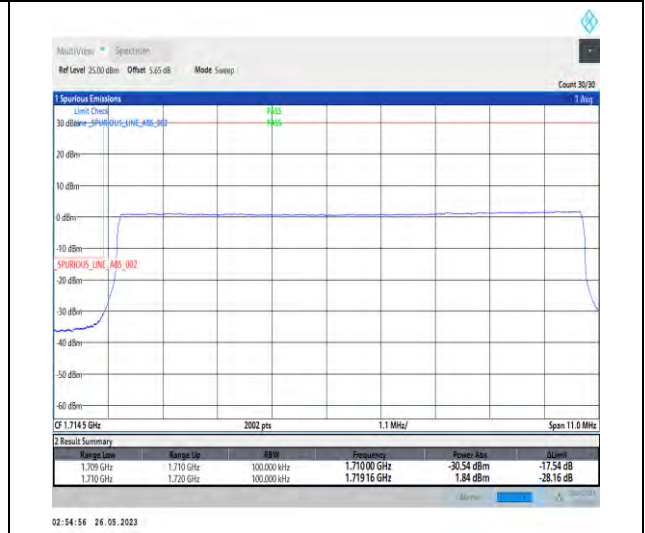
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1-N66-PC3-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

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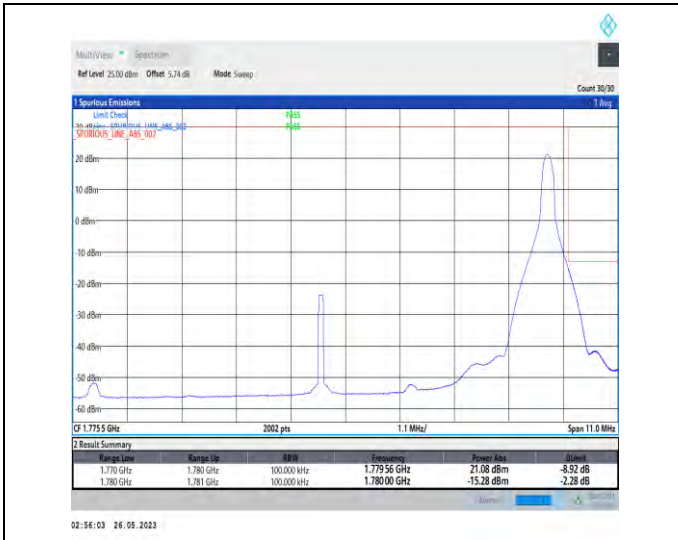
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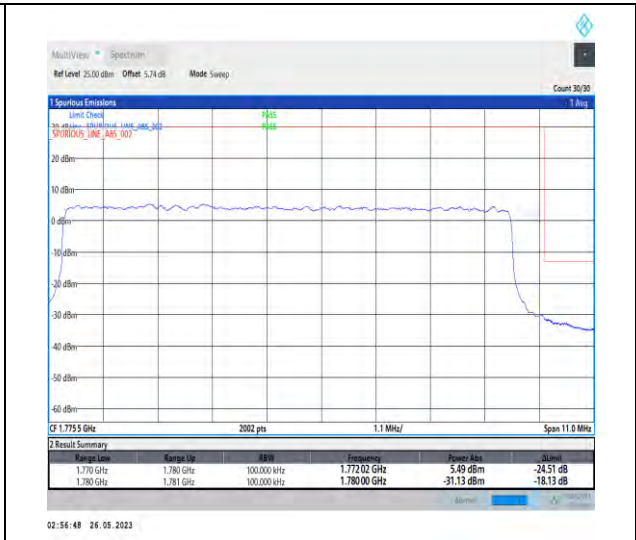


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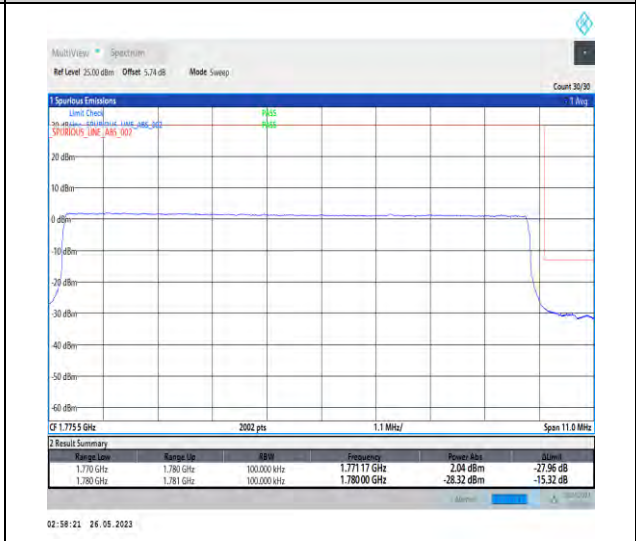
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1-N66-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-1-seegraph-PASS-see graph

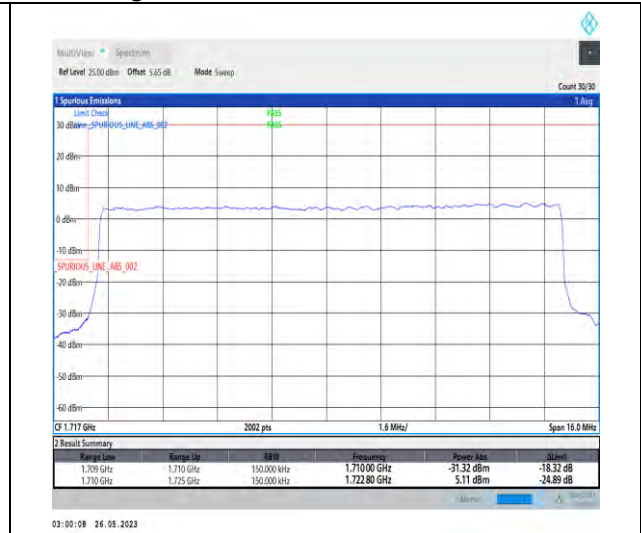
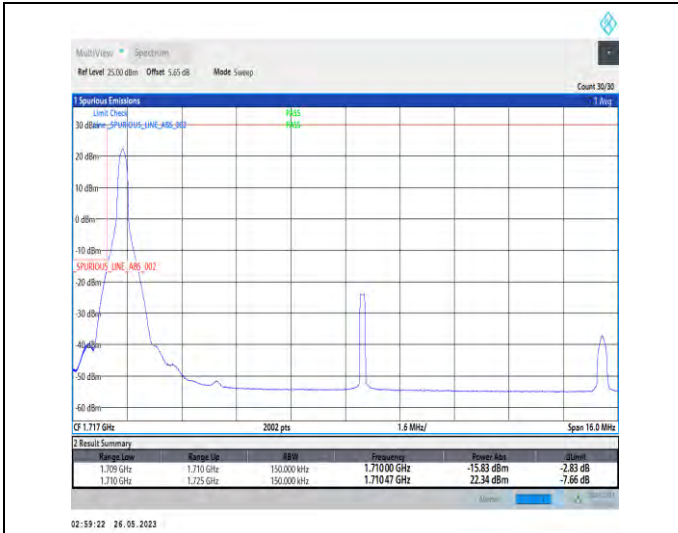


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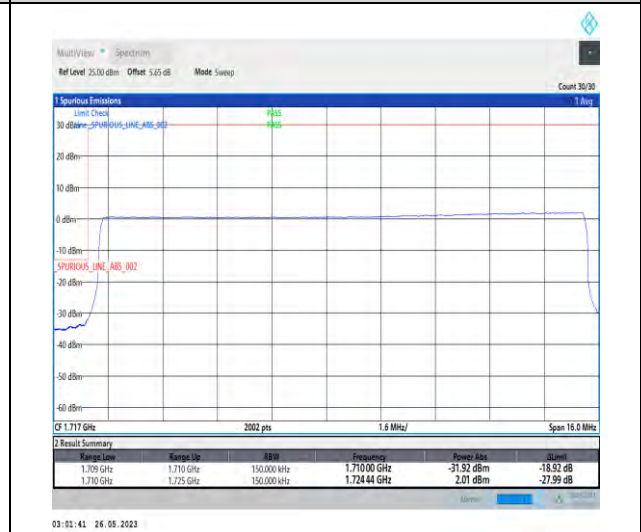
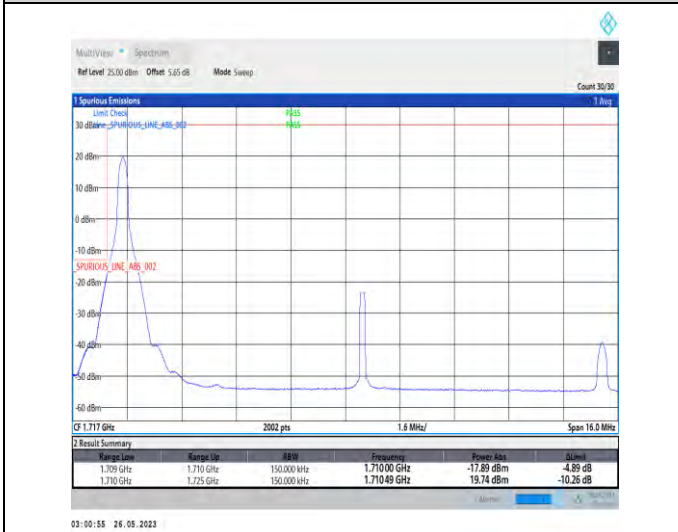
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1-N66-PC3-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-N66-PC3-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-1-seegraph-PASS-see graph



1-N66-PC3-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-N66-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-1-seegraph-PASS-see graph



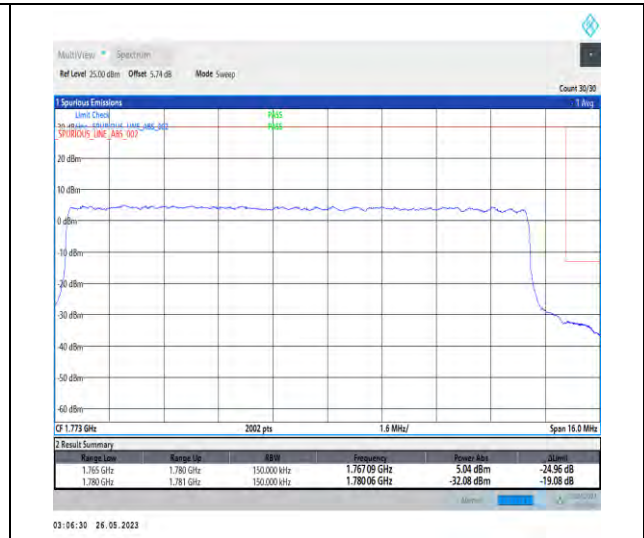
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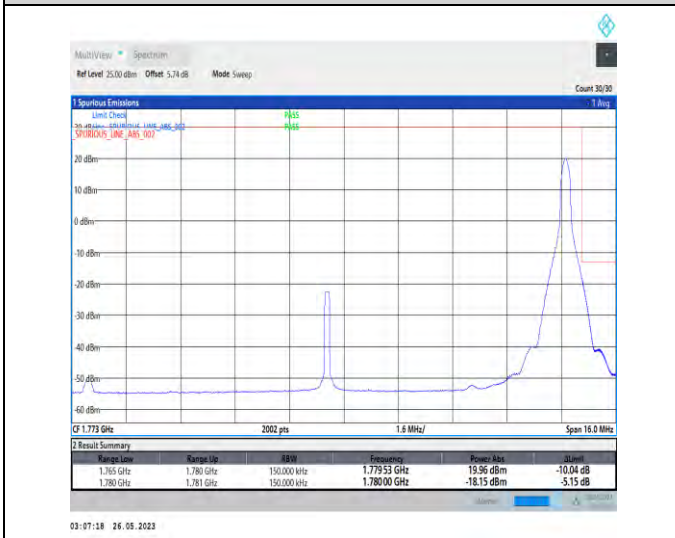
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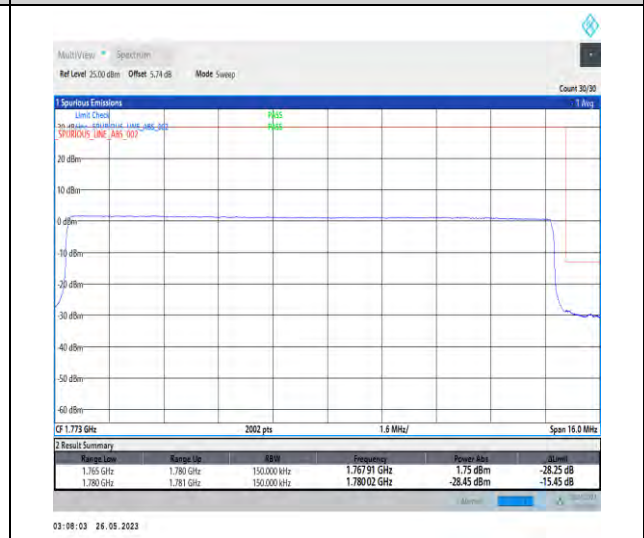
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1-N66-PC3-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-1-seegraph-PASS-see graph



1-N66-PC3-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-1-seegraph-PASS-see graph

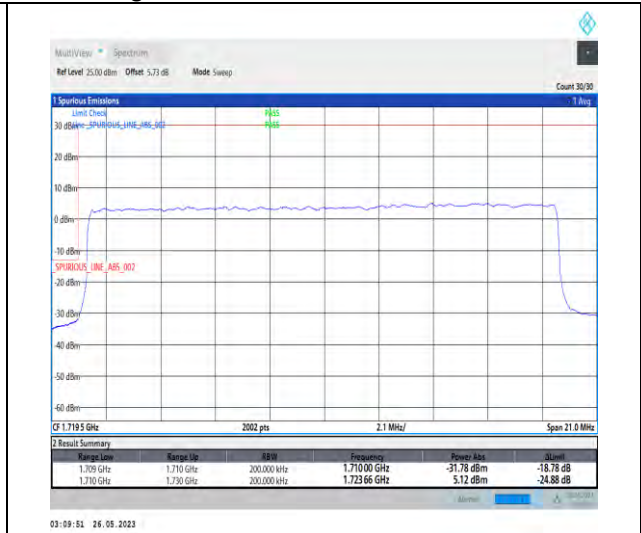
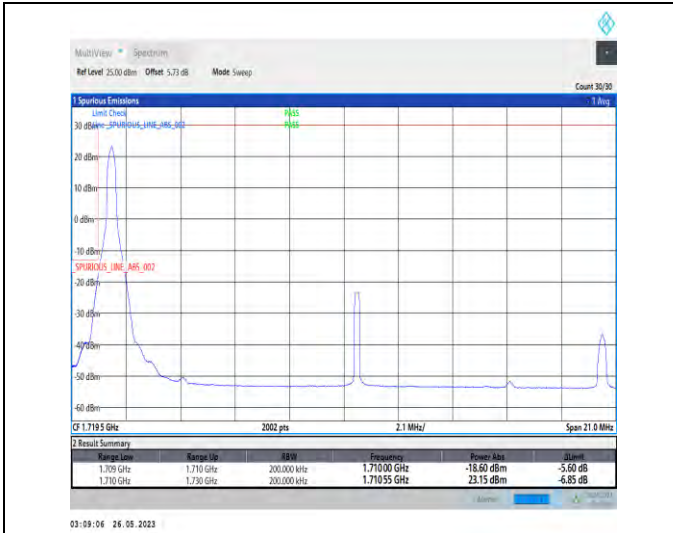


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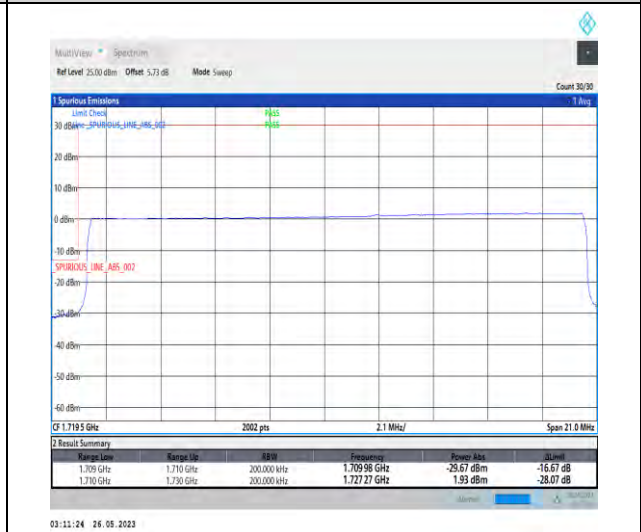
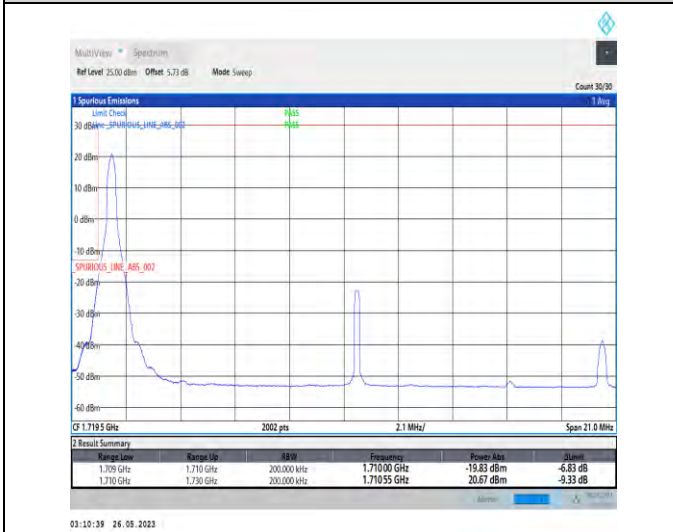
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1-N66-PC3-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-N66-PC3-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-1-seegraph-PASS-see graph



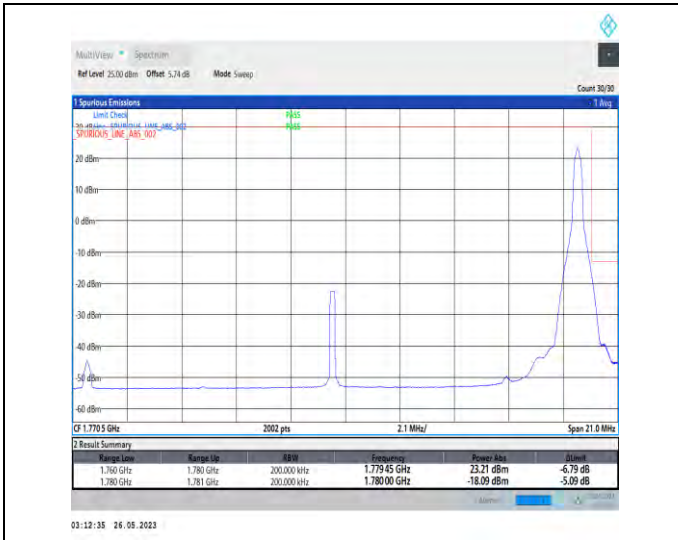
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1-N66-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-1-seegraph-PASS-see graph



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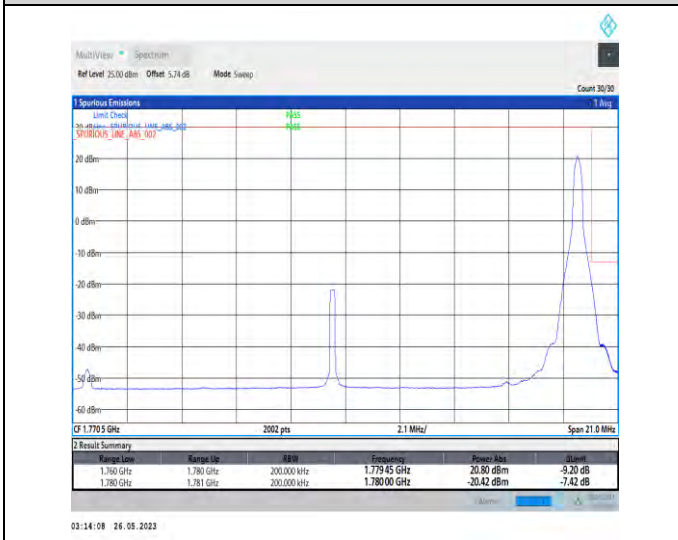
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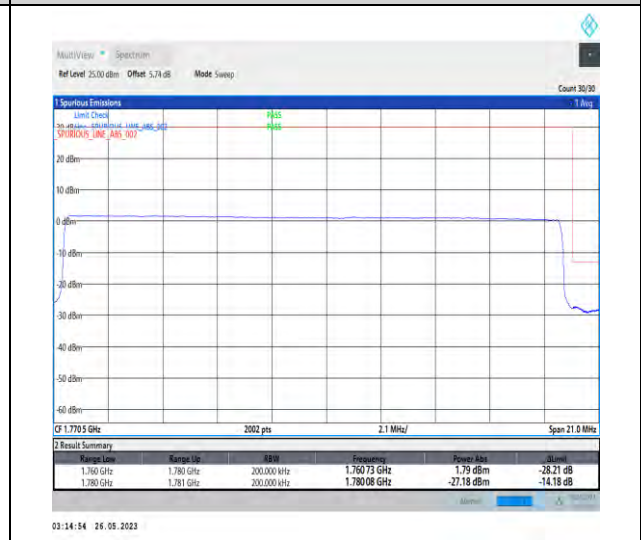
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1-N66-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-1-seegraph-PASS-see graph



1-N66-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-1-seegraph-PASS-see graph



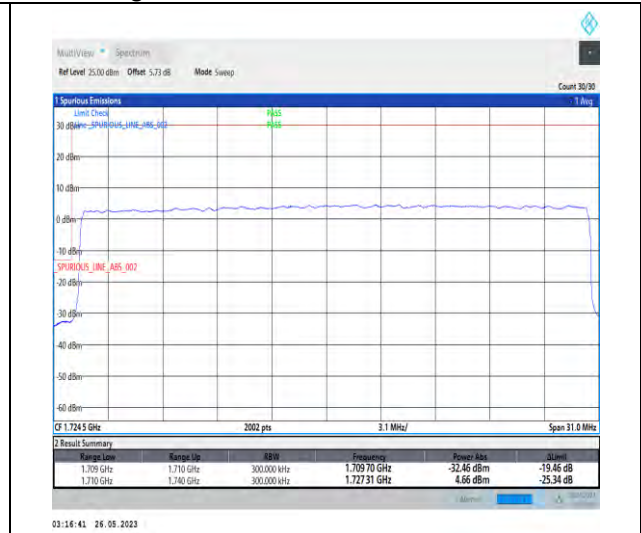
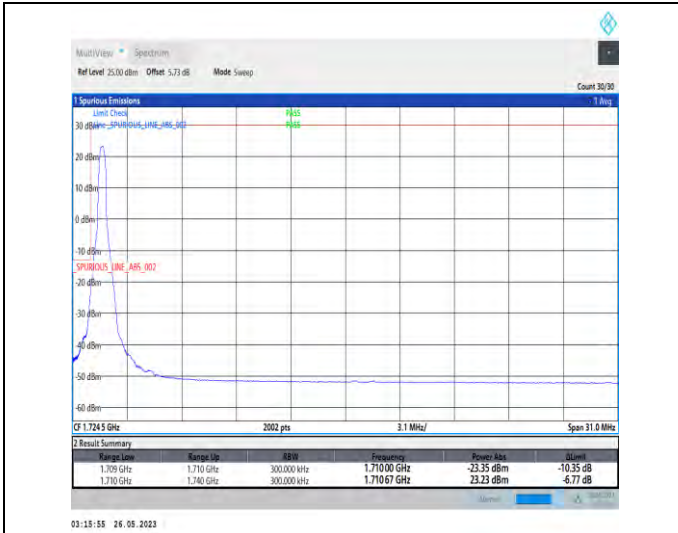
1-N66-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-1-seegraph-PASS-see graph



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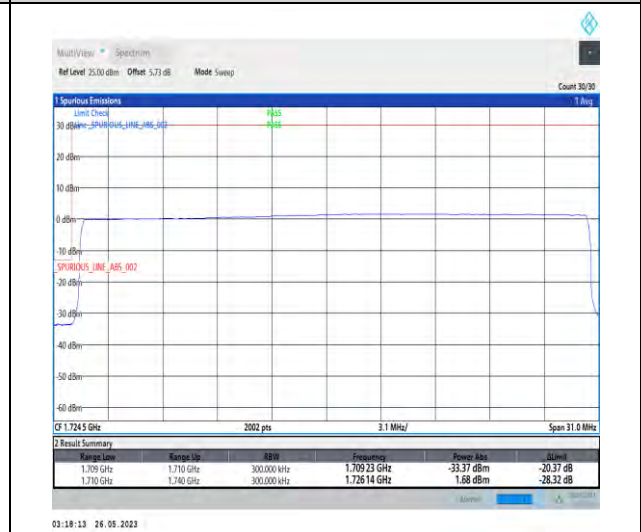
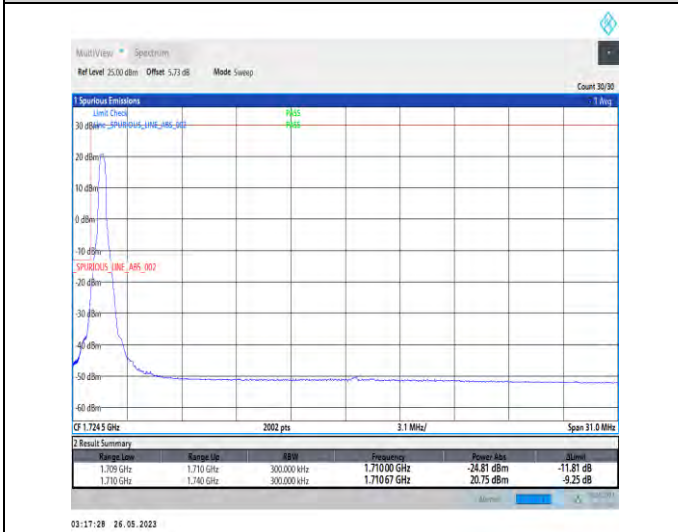
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1-N66-PC3-15-30-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-N66-PC3-15-30-L-3-DFT-PI2BPSK-Outer\_Full-160@0-1-seegraph-PASS-see graph



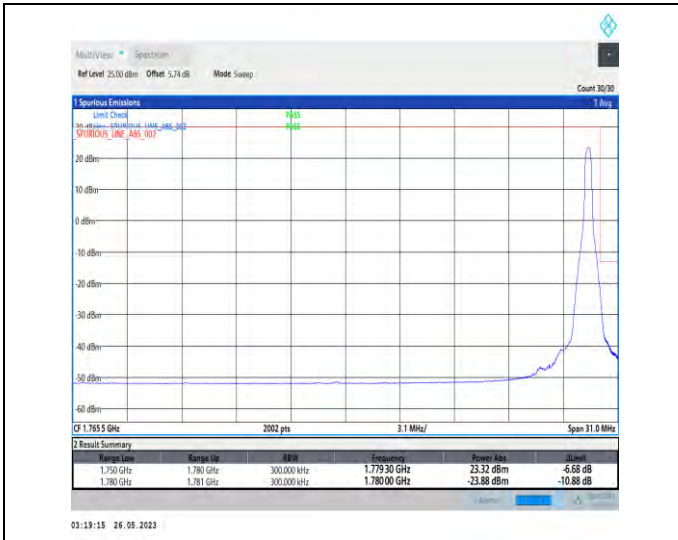
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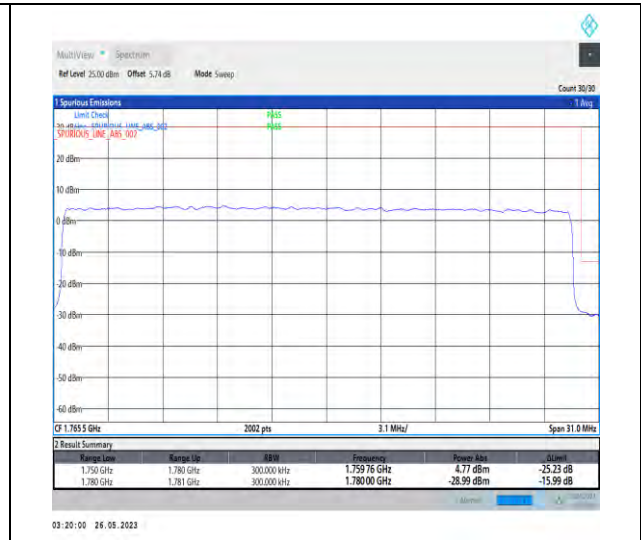


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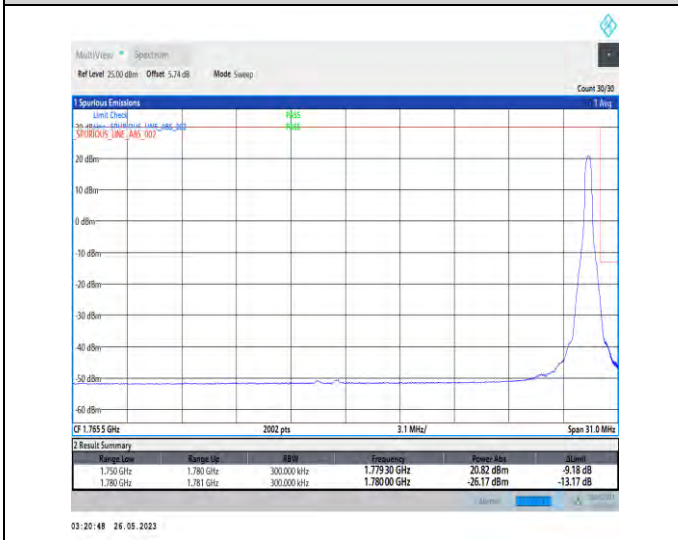
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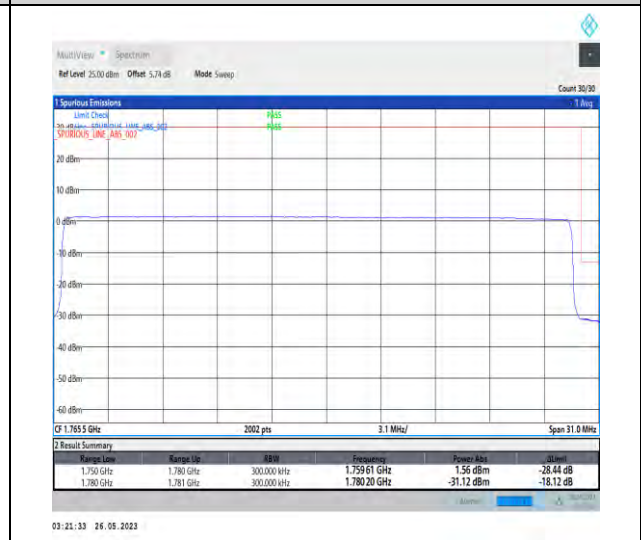
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1-N66-PC3-15-30-H-3-DFT-PI2BPSK-Outer\_Full-160@0-1-seegraph-PASS-see graph



1-N66-PC3-15-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@159-1-seegraph-PASS-see graph

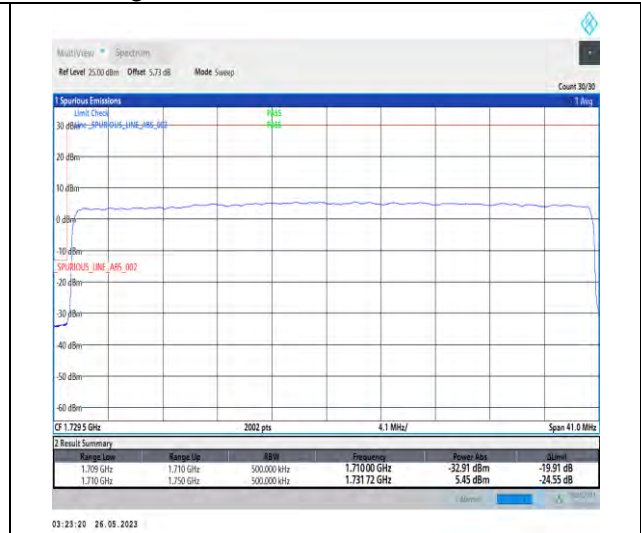
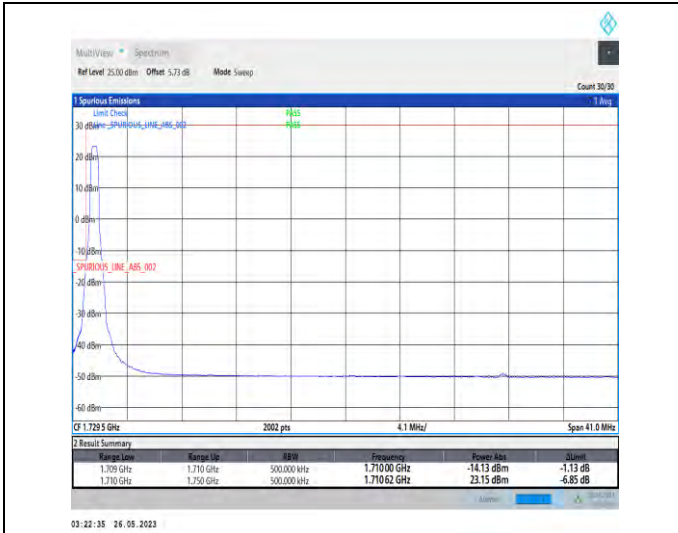


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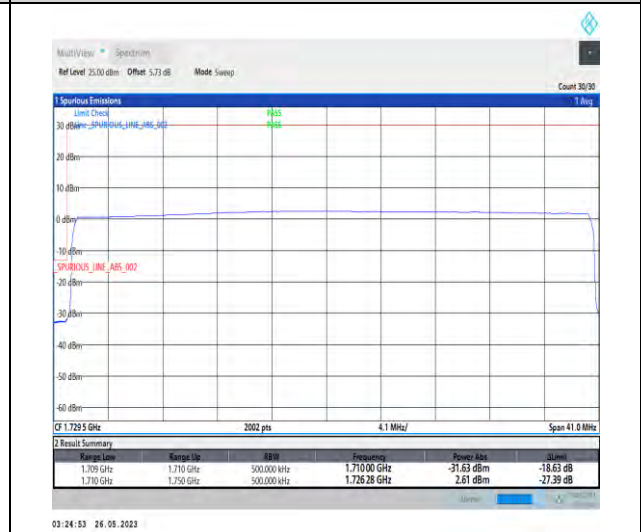
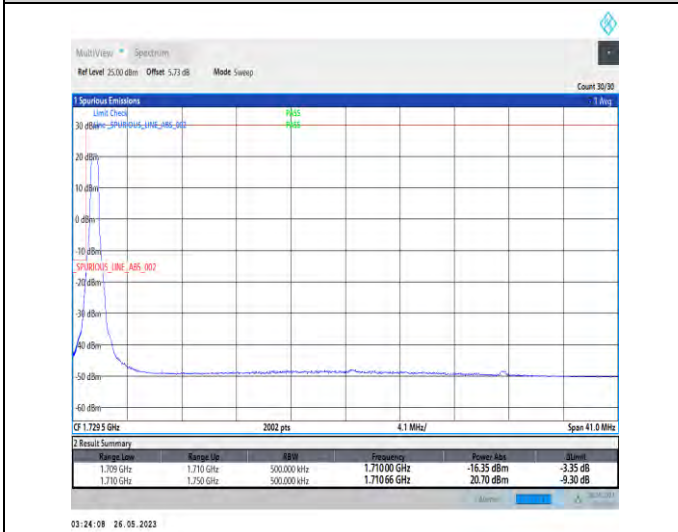
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1-N66-PC3-15-40-L-3-DFT-PI2BPSK-Outer\_Full-216@0-1-seegraph-PASS-see graph



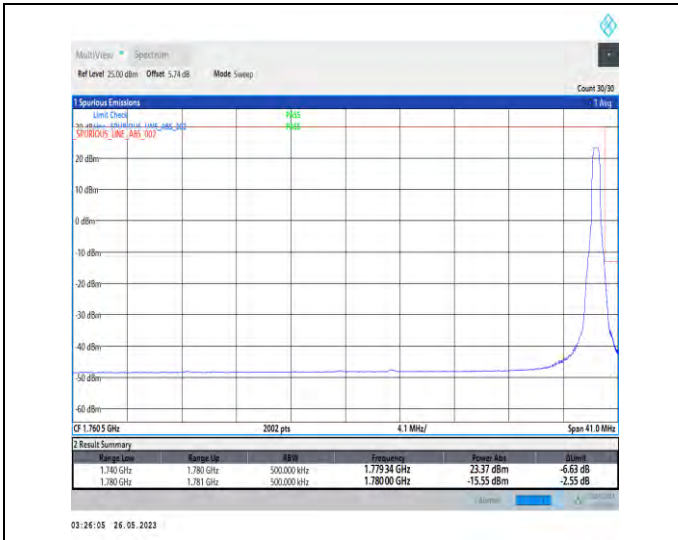
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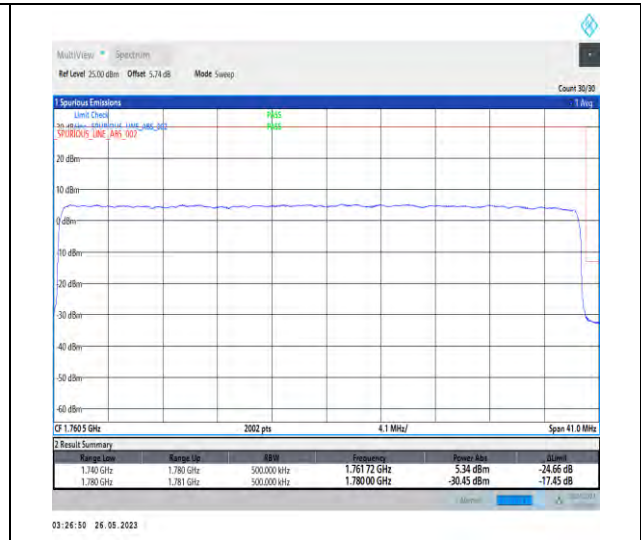


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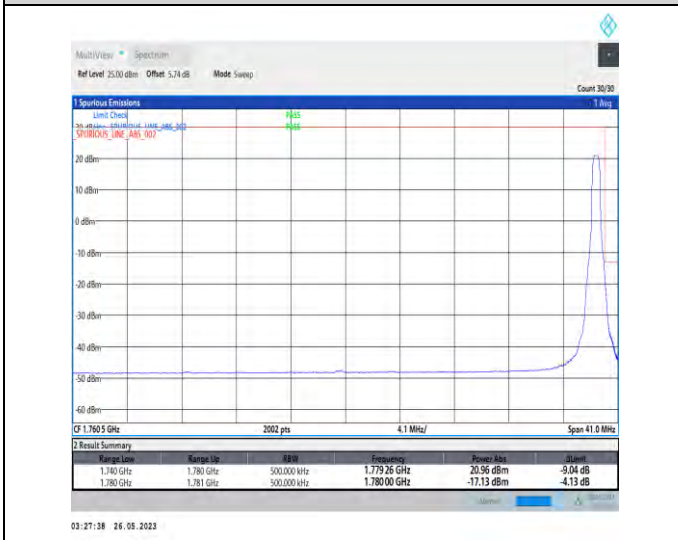
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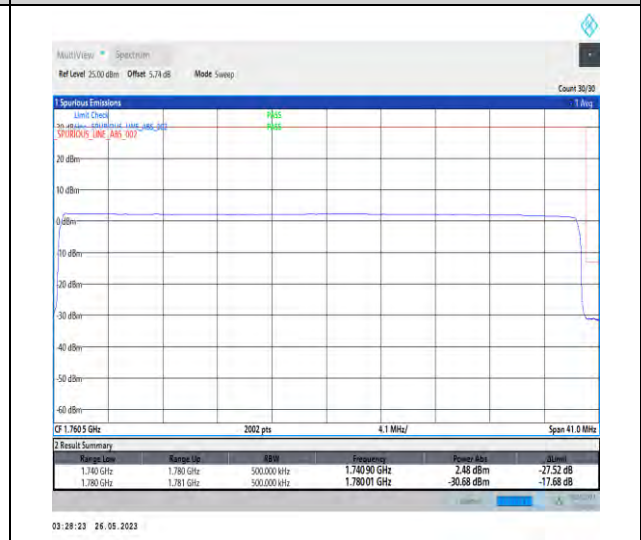
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1-N66-PC3-15-40-H-3-DFT-PI2BPSK-Outer\_Full-216@0-1-seegraph-PASS-see graph



1-N66-PC3-15-40-H-5-CP-QPSK-Edge\_1RB\_Right-1@215-1-seegraph-PASS-see graph



1-N66-PC3-15-40-H-6-CP-QPSK-Outer\_Full-216@0-1-seegraph-PASS-see graph



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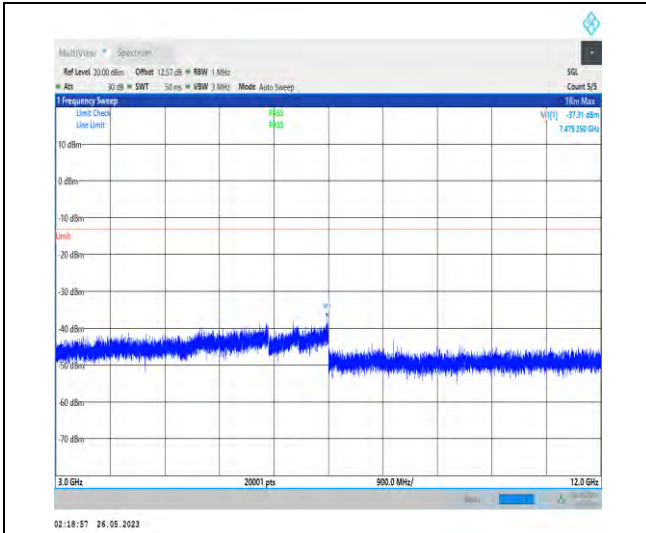
### Test Graphs

<p>1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Le ft-1@1-0.009-0.15-0.13--94.20--43-PASS</p>	<p>1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left -1@1-0.15-30-29.52--86.22--33-PASS</p>
<p>1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Le ft-1@1-30-1000-34.37--59.67--23-PASS</p>	<p>1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left -1@1-1000-3000-2611.50--44.60--13-PASS</p>

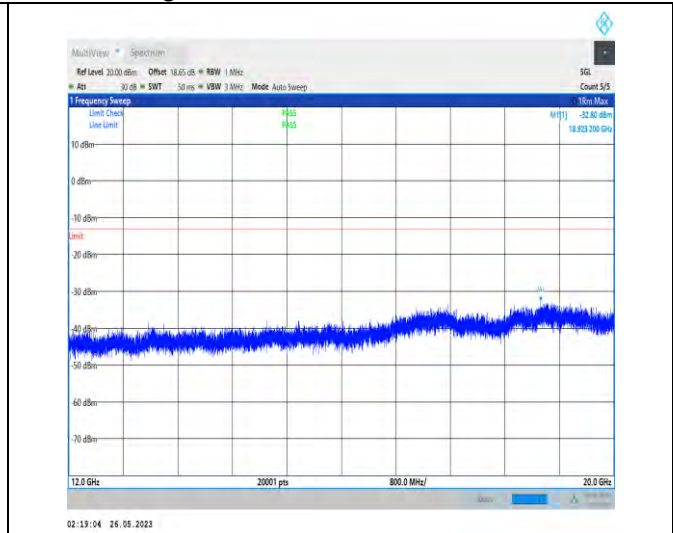


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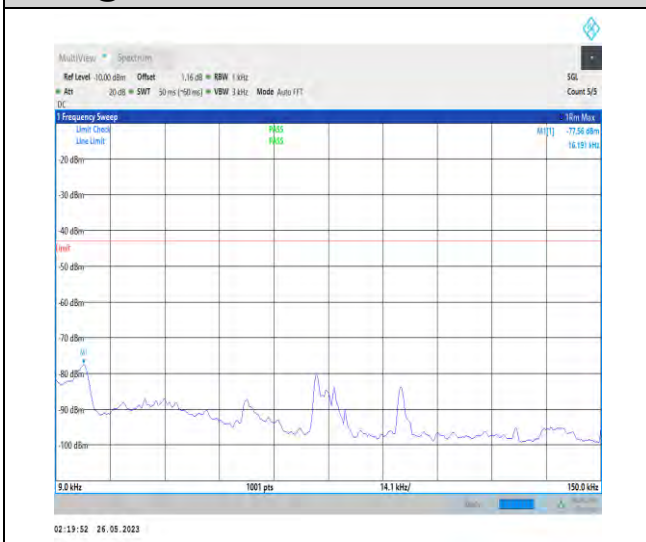
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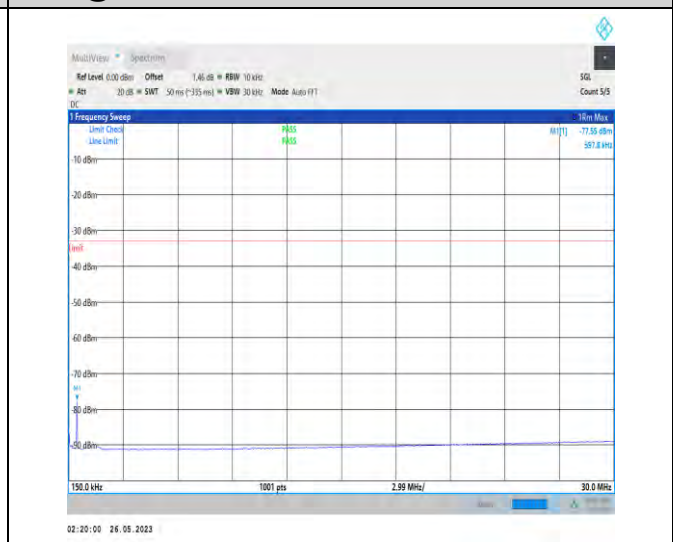
1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-ft-1@1-3000-12000-7479.75--37.06--13-PASS



1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-17590.80--32.55--13-PASS



1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-ft-1@1-0.009-0.15-0.01--93.63--43-PASS

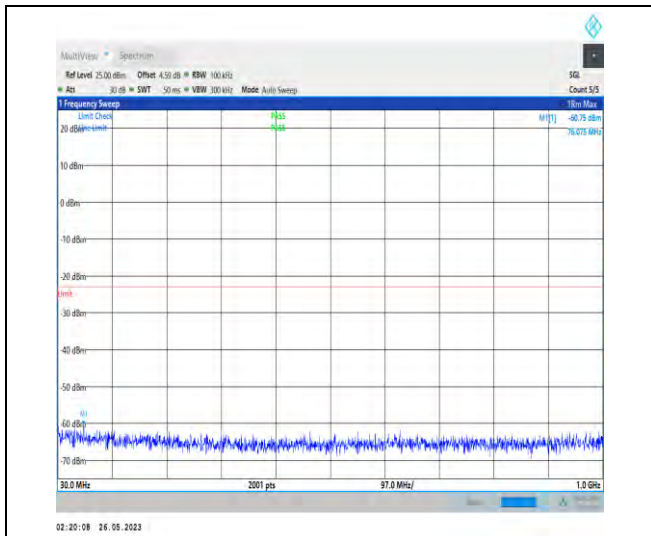


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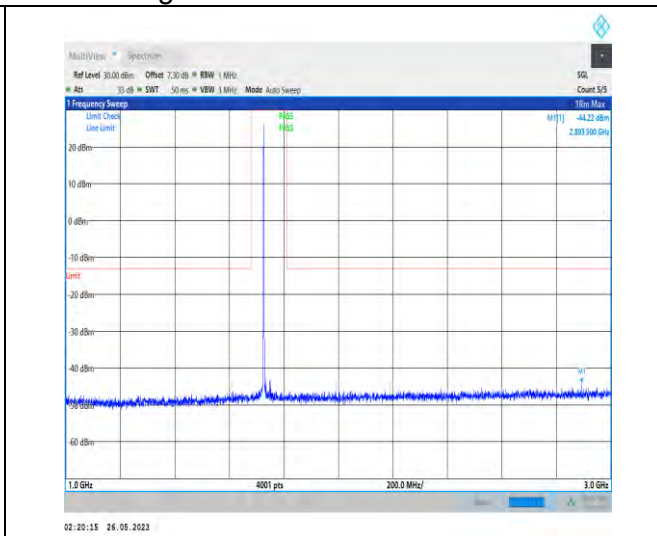


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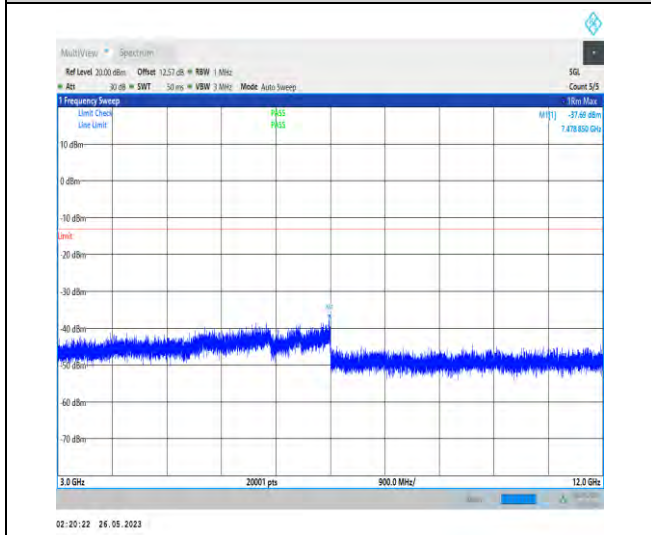
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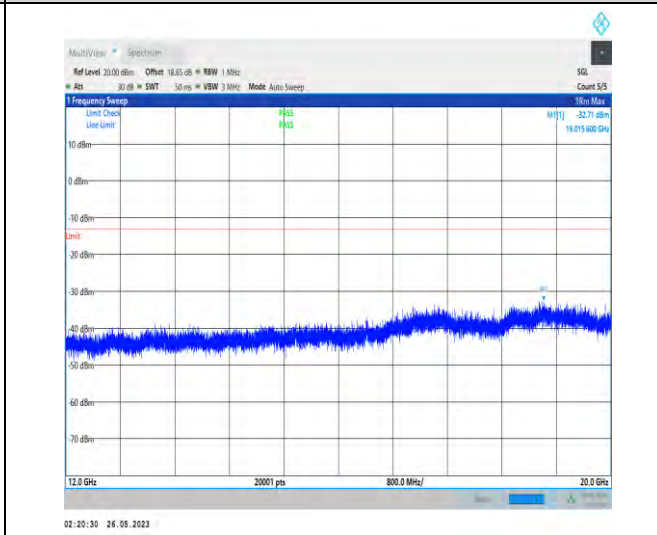
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1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-1000-3000-2657.00--44.79--13-PASS



1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_L eft-1@1-3000-12000-7473.90--37.34--13-PASS

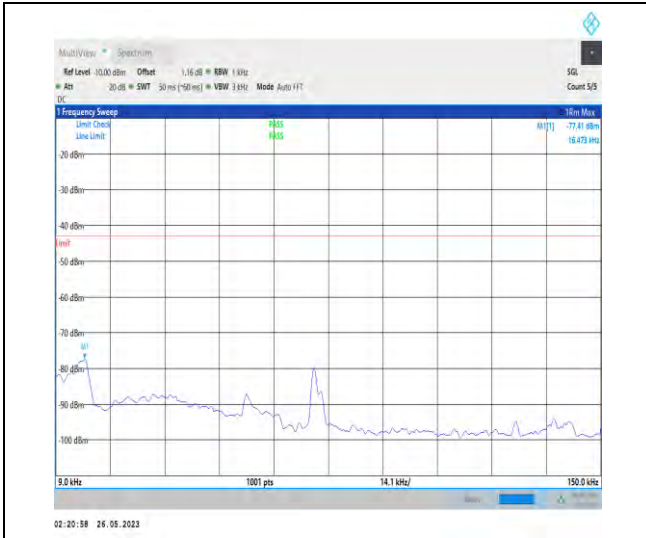


1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-12000-20000-17533.20--33.17--13-PASS

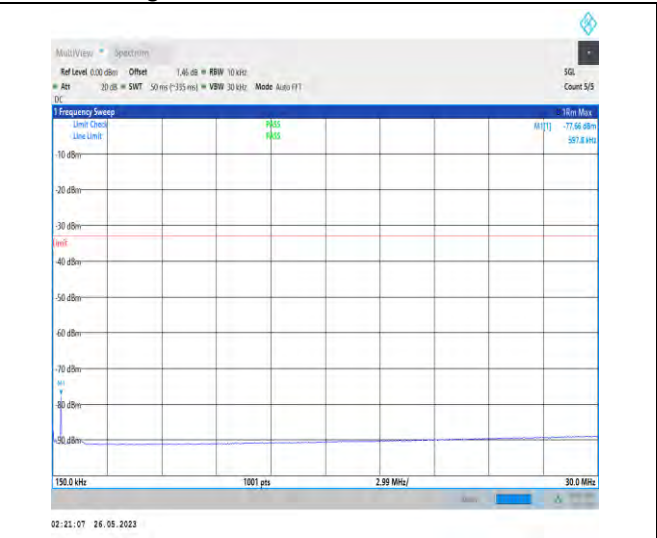


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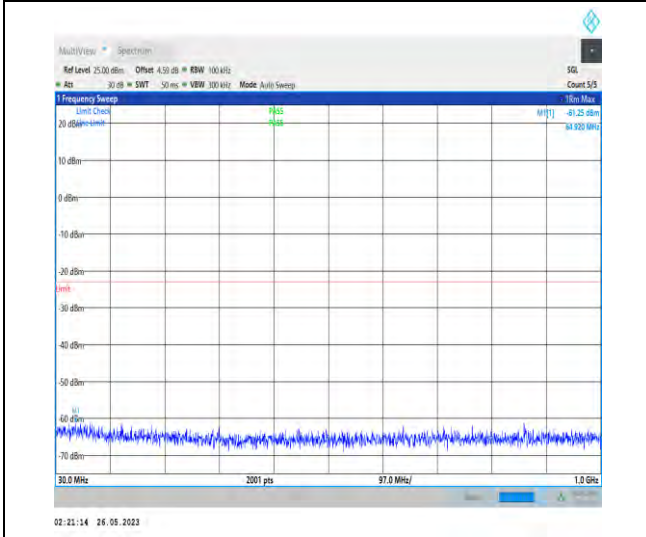
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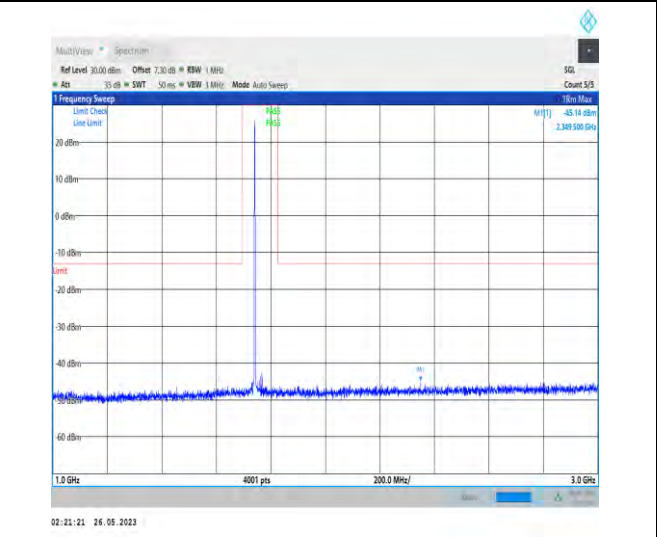
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eft-1@1-0.009-0.15-0.13--93.43--43-PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef  
t-1@1-0.15-30-29.28--86.23--33-PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_L  
eft-1@1-30-1000-32.91--59.44--23-PASS



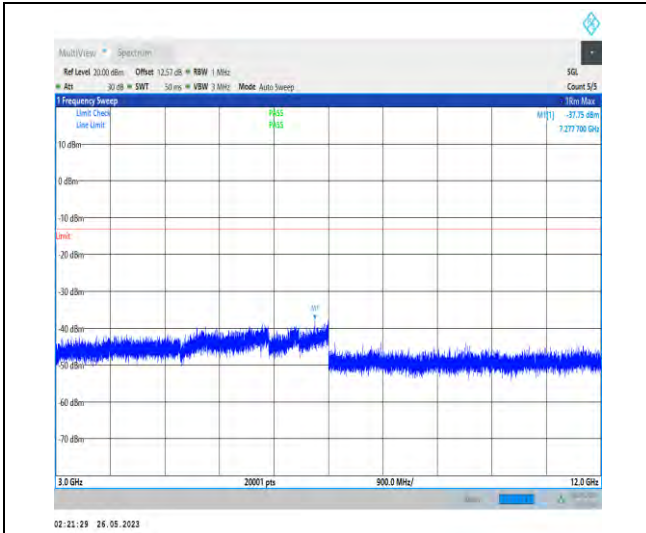
1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef  
t-1@1-1000-3000-2904.00--44.35--13-PASS



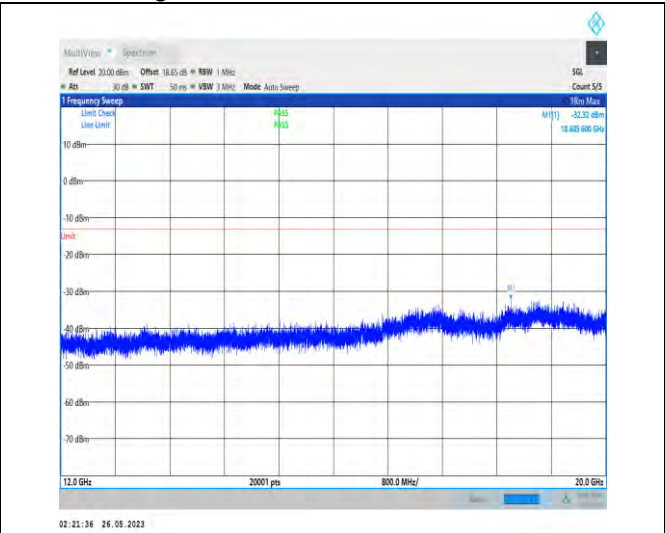
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1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_L  
eft-1@1-3000-12000-7385.25--36.36--13-PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef  
t-1@1-12000-20000-17324.00--33.24--13-PASS



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## Field Strength of Spurious Radiation

Test Band = n66\_40MHz\_TM1

Test Channel = Low ANT12

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	40.87	-46.28	29.45	-71.22	-13.00	58.22	174	90	Horizontal
2	5133.2700	39.49	-45.34	32.95	-68.16	-13.00	55.16	158	179	Horizontal
3	6844.3600	39.26	-44.14	35.89	-64.25	-13.00	51.25	172	240	Horizontal
4	8555.4500	36.21	-41.46	37.66	-62.85	-13.00	49.85	142	179	Horizontal
5	10266.5400	31.82	-39.23	38.83	-63.84	-13.00	50.84	156	225	Horizontal
6	11977.6300	28.10	-37.51	38.95	-65.73	-13.00	52.73	219	44	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.02	-46.28	29.45	-71.07	-13.00	58.07	211	316	Vertical
2	5133.2700	39.54	-45.34	32.95	-68.11	-13.00	55.11	154	357	Vertical
3	6844.3600	39.15	-44.14	35.89	-64.36	-13.00	51.36	186	210	Vertical
4	8555.4500	36.41	-41.46	37.66	-62.65	-13.00	49.65	142	240	Vertical
5	10266.5400	32.40	-39.23	38.83	-63.26	-13.00	50.26	199	44	Vertical
6	11977.6300	28.26	-37.51	38.95	-65.57	-13.00	52.57	123	301	Vertical



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**Test Band = n66\_40MHz \_ TM1**

**Test Channel = Mid ANT12**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.31	-46.27	29.50	-69.72	-13.00	56.72	241	3	Horizontal
2	5208.2700	39.72	-45.26	32.98	-67.82	-13.00	54.82	128	344	Horizontal
3	6944.3600	39.06	-43.85	36.01	-64.04	-13.00	51.04	192	179	Horizontal
4	8680.4500	36.63	-41.62	37.88	-62.37	-13.00	49.37	184	225	Horizontal
5	10416.5400	31.79	-38.97	38.88	-63.57	-13.00	50.57	172	209	Horizontal
6	12152.6300	29.19	-37.42	39.09	-64.40	-13.00	51.40	106	104	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.26	-46.27	29.50	-69.77	-13.00	56.77	241	195	Vertical
2	5208.2700	40.07	-45.26	32.98	-67.47	-13.00	54.47	148	315	Vertical
3	6944.3600	39.88	-43.85	36.01	-63.22	-13.00	50.22	172	330	Vertical
4	8680.4500	36.78	-41.62	37.88	-62.22	-13.00	49.22	123	104	Vertical
5	10416.5400	31.86	-38.97	38.88	-63.50	-13.00	50.50	302	0	Vertical
6	12152.6300	28.34	-37.42	39.09	-65.25	-13.00	52.25	159	330	Vertical



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Test Band = n66\_40MHz \_ TM1

Test Channel = High ANT12

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	41.47	-46.23	29.54	-70.48	-13.00	57.48	254	360	Horizontal
2	5283.2700	39.71	-45.12	32.91	-67.76	-13.00	54.76	142	253	Horizontal
3	7044.3600	39.04	-43.85	36.20	-63.87	-13.00	50.87	176	90	Horizontal
4	8805.4500	35.85	-41.25	38.08	-62.58	-13.00	49.58	192	104	Horizontal
5	10566.5400	31.17	-38.58	39.03	-63.64	-13.00	50.64	184	14	Horizontal
6	12327.6300	28.99	-37.45	39.09	-64.63	-13.00	51.63	153	118	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	42.72	-46.23	29.54	-69.23	-13.00	56.23	247	1	Vertical
2	5283.2700	39.63	-45.12	32.91	-67.84	-13.00	54.84	142	255	Vertical
3	7044.3600	38.45	-43.85	36.20	-64.46	-13.00	51.46	156	181	Vertical
4	8805.4500	36.25	-41.25	38.08	-62.18	-13.00	49.18	192	43	Vertical
5	10566.5400	31.71	-38.58	39.03	-63.10	-13.00	50.10	188	181	Vertical
6	12327.6300	28.73	-37.45	39.09	-64.89	-13.00	51.89	143	209	Vertical



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Test Band = NSA 2A-n66A\_ TM1

Test Channel = Low

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.89	-46.28	28.55	-71.09	-13.00	58.09	231	0	Horizontal
2	5133.2700	39.73	-45.34	31.72	-69.15	-13.00	56.15	154	317	Horizontal
3	6844.3600	39.32	-44.14	34.92	-65.16	-13.00	52.16	175	166	Horizontal
4	8555.4500	36.20	-41.46	36.52	-64.00	-13.00	51.00	186	346	Horizontal
5	10266.5400	33.39	-39.23	38.33	-62.76	-13.00	49.76	192	151	Horizontal
6	11977.6300	30.92	-37.51	38.80	-63.06	-13.00	50.06	140	121	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.49	-46.28	28.55	-71.49	-13.00	58.49	244	30	Vertical
2	5133.2700	39.58	-45.34	31.72	-69.30	-13.00	56.30	152	14	Vertical
3	6844.3600	39.58	-44.14	34.92	-64.90	-13.00	51.90	142	105	Vertical
4	8555.4500	36.48	-41.46	36.52	-63.72	-13.00	50.72	163	75	Vertical
5	10266.5400	33.73	-39.23	38.33	-62.42	-13.00	49.42	210	196	Vertical
6	11977.6300	30.01	-37.51	38.80	-63.97	-13.00	50.97	158	151	Vertical



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**Test Band = NSA 2A-n66A\_ TM1**

**Test Channel = Mid**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.68	-46.27	28.58	-70.26	-13.00	57.26	266	357	Horizontal
2	5208.2700	40.33	-45.26	31.90	-68.29	-13.00	55.29	218	91	Horizontal
3	6944.3600	39.86	-43.85	35.10	-64.15	-13.00	51.15	142	62	Horizontal
4	8680.4500	37.81	-41.62	36.46	-62.61	-13.00	49.61	133	105	Horizontal
5	10416.5400	32.76	-38.97	38.41	-63.07	-13.00	50.07	259	357	Horizontal
6	12152.6300	31.61	-37.42	38.85	-62.22	-13.00	49.22	184	316	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.69	-46.27	28.58	-70.25	-13.00	57.25	258	133	Vertical
2	5208.2700	40.26	-45.26	31.90	-68.36	-13.00	55.36	174	133	Vertical
3	6944.3600	38.98	-43.85	35.10	-65.03	-13.00	52.03	185	360	Vertical
4	8680.4500	37.53	-41.62	36.46	-62.89	-13.00	49.89	196	352	Vertical
5	10416.5400	33.48	-38.97	38.41	-62.35	-13.00	49.35	143	360	Vertical
6	12152.6300	31.56	-37.42	38.85	-62.27	-13.00	49.27	260	118	Vertical



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**Test Band = NSA 2A-n66A\_ TM1**

**Test Channel = High**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	42.11	-46.23	28.62	-70.76	-13.00	57.76	187	3	Horizontal
2	5283.2700	40.41	-45.12	32.08	-67.89	-13.00	54.89	186	77	Horizontal
3	7044.3600	39.43	-43.85	35.33	-64.35	-13.00	51.35	145	123	Horizontal
4	8805.4500	36.54	-41.25	36.40	-63.57	-13.00	50.57	122	8	Horizontal
5	10566.5400	32.75	-38.58	38.48	-62.61	-13.00	49.61	261	183	Horizontal
6	12327.6300	30.74	-37.45	38.90	-63.07	-13.00	50.07	219	152	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	41.84	-46.23	28.62	-71.03	-13.00	58.03	125	105	Vertical
2	5283.2700	39.93	-45.12	32.08	-68.37	-13.00	55.37	147	298	Vertical
3	7044.3600	38.76	-43.85	35.33	-65.02	-13.00	52.02	175	151	Vertical
4	8805.4500	36.49	-41.25	36.40	-63.62	-13.00	50.62	186	360	Vertical
5	10566.5400	32.41	-38.58	38.48	-62.95	-13.00	49.95	145	76	Vertical
6	12327.6300	31.60	-37.45	38.90	-62.21	-13.00	49.21	166	358	Vertical



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**Test Band = NSA 5A-n66A\_ TM1**

**Test Channel = Low**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.64	-46.28	28.55	-71.34	-13.00	58.34	244	255	Horizontal
2	5133.2700	40.06	-45.34	31.72	-68.82	-13.00	55.82	158	0	Horizontal
3	6844.3600	39.19	-44.14	34.92	-65.29	-13.00	52.29	179	195	Horizontal
4	8555.4500	36.27	-41.46	36.52	-63.93	-13.00	50.93	196	240	Horizontal
5	10266.5400	33.77	-39.23	38.33	-62.38	-13.00	49.38	142	8	Horizontal
6	11977.6300	30.20	-37.51	38.80	-63.78	-13.00	50.78	160	134	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.50	-46.28	28.55	-71.48	-13.00	58.48	210	271	Vertical
2	5133.2700	39.95	-45.34	31.72	-68.93	-13.00	55.93	130	209	Vertical
3	6844.3600	39.48	-44.14	34.92	-65.00	-13.00	52.00	158	352	Vertical
4	8555.4500	36.30	-41.46	36.52	-63.90	-13.00	50.90	174	330	Vertical
5	10266.5400	34.95	-39.23	38.33	-61.20	-13.00	48.20	156	224	Vertical
6	11977.6300	29.64	-37.51	38.80	-64.34	-13.00	51.34	166	45	Vertical



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**Test Band = NSA 5A-n66A\_ TM1**

**Test Channel = Mid**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.07	-46.27	28.58	-70.87	-13.00	57.87	216	317	Horizontal
2	5208.2700	40.31	-45.26	31.90	-68.31	-13.00	55.31	136	256	Horizontal
3	6944.3600	40.02	-43.85	35.10	-63.99	-13.00	50.99	259	272	Horizontal
4	8680.4500	37.37	-41.62	36.46	-63.05	-13.00	50.05	191	226	Horizontal
5	10416.5400	34.00	-38.97	38.41	-61.83	-13.00	48.83	147	357	Horizontal
6	12152.6300	31.18	-37.42	38.85	-62.65	-13.00	49.65	170	166	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.27	-46.27	28.58	-70.67	-13.00	57.67	245	359	Vertical
2	5208.2700	40.83	-45.26	31.90	-67.79	-13.00	54.79	152	352	Vertical
3	6944.3600	40.01	-43.85	35.10	-64.00	-13.00	51.00	143	105	Vertical
4	8680.4500	39.41	-41.62	36.46	-61.01	-13.00	48.01	198	360	Vertical
5	10416.5400	33.43	-38.97	38.41	-62.40	-13.00	49.40	182	120	Vertical
6	12152.6300	30.85	-37.42	38.85	-62.98	-13.00	49.98	173	255	Vertical



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**Test Band = NSA 5A-n66A\_ TM1**

**Test Channel = High**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	41.84	-46.23	28.62	-71.03	-13.00	58.03	211	239	Horizontal
2	5283.2700	39.17	-45.12	32.08	-69.13	-13.00	56.13	158	225	Horizontal
3	7044.3600	39.49	-43.85	35.33	-64.29	-13.00	51.29	148	357	Horizontal
4	8805.4500	36.41	-41.25	36.40	-63.70	-13.00	50.70	178	8	Horizontal
5	10566.5400	31.94	-38.58	38.48	-63.42	-13.00	50.42	186	316	Horizontal
6	12327.6300	30.64	-37.45	38.90	-63.17	-13.00	50.17	193	104	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	41.64	-46.23	28.62	-71.23	-13.00	58.23	174	30	Vertical
2	5283.2700	39.74	-45.12	32.08	-68.56	-13.00	55.56	152	44	Vertical
3	7044.3600	39.14	-43.85	35.33	-64.64	-13.00	51.64	143	120	Vertical
4	8805.4500	35.96	-41.25	36.40	-64.15	-13.00	51.15	186	44	Vertical
5	10566.5400	32.59	-38.58	38.48	-62.77	-13.00	49.77	216	194	Vertical
6	12327.6300	29.99	-37.45	38.90	-63.82	-13.00	50.82	192	360	Vertical



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Test Band = NSA 7A-n66A\_ TM1

Test Channel = Low

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.59	-46.28	28.55	-71.39	-13.00	58.39	241	134	Horizontal
2	5133.2700	40.20	-45.34	31.72	-68.68	-13.00	55.68	165	0	Horizontal
3	6844.3600	39.40	-44.14	34.92	-65.08	-13.00	52.08	133	356	Horizontal
4	8555.4500	36.34	-41.46	36.52	-63.86	-13.00	50.86	259	60	Horizontal
5	10266.5400	33.09	-39.23	38.33	-63.06	-13.00	50.06	191	255	Horizontal
6	11977.6300	28.84	-37.51	38.80	-65.14	-13.00	52.14	187	239	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	42.20	-46.28	28.55	-70.78	-13.00	57.78	247	103	Vertical
2	5133.2700	38.67	-45.34	31.72	-70.21	-13.00	57.21	175	360	Vertical
3	6844.3600	39.68	-44.14	34.92	-64.80	-13.00	51.80	195	120	Vertical
4	8555.4500	36.30	-41.46	36.52	-63.90	-13.00	50.90	184	329	Vertical
5	10266.5400	32.73	-39.23	38.33	-63.42	-13.00	50.42	177	103	Vertical
6	11977.6300	28.73	-37.51	38.80	-65.25	-13.00	52.25	233	209	Vertical



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**Test Band = NSA 7A-n66A\_ TM1**

**Test Channel = Mid**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.32	-46.27	28.58	-70.62	-13.00	57.62	175	91	Horizontal
2	5208.2700	40.58	-45.26	31.90	-68.04	-13.00	55.04	142	226	Horizontal
3	6944.3600	39.96	-43.85	35.10	-64.05	-13.00	51.05	166	195	Horizontal
4	8680.4500	37.19	-41.62	36.46	-63.23	-13.00	50.23	129	286	Horizontal
5	10416.5400	32.58	-38.97	38.41	-63.25	-13.00	50.25	185	60	Horizontal
6	12152.6300	30.50	-37.42	38.85	-63.33	-13.00	50.33	153	330	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.20	-46.27	28.58	-70.74	-13.00	57.74	211	135	Vertical
2	5208.2700	40.50	-45.26	31.90	-68.12	-13.00	55.12	143	3	Vertical
3	6944.3600	39.42	-43.85	35.10	-64.59	-13.00	51.59	165	14	Vertical
4	8680.4500	36.91	-41.62	36.46	-63.51	-13.00	50.51	182	284	Vertical
5	10416.5400	33.21	-38.97	38.41	-62.62	-13.00	49.62	153	90	Vertical
6	12152.6300	29.85	-37.42	38.85	-63.98	-13.00	50.98	199	75	Vertical



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**Test Band = NSA 7A-n66A\_ TM1**

**Test Channel = High**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	41.63	-46.23	28.62	-71.24	-13.00	58.24	255	356	Horizontal
2	5283.2700	39.27	-45.12	32.08	-69.03	-13.00	56.03	140	0	Horizontal
3	7044.3600	38.55	-43.85	35.33	-65.23	-13.00	52.23	175	1	Horizontal
4	8805.4500	36.47	-41.25	36.40	-63.64	-13.00	50.64	142	210	Horizontal
5	10566.5400	32.18	-38.58	38.48	-63.18	-13.00	50.18	136	300	Horizontal
6	12327.6300	30.53	-37.45	38.90	-63.28	-13.00	50.28	256	166	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.1800	41.73	-46.23	28.62	-71.14	-13.00	58.14	215	344	Vertical
2	5283.2700	39.82	-45.12	32.08	-68.48	-13.00	55.48	132	270	Vertical
3	7044.3600	38.91	-43.85	35.33	-64.87	-13.00	51.87	120	359	Vertical
4	8805.4500	36.23	-41.25	36.40	-63.88	-13.00	50.88	156	287	Vertical
5	10566.5400	31.69	-38.58	38.48	-63.67	-13.00	50.67	219	90	Vertical
6	12327.6300	30.05	-37.45	38.90	-63.76	-13.00	50.76	180	61	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	-6.300000	-0.003610	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-1.000000	-0.000573	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.900000	-0.001089	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VH	NT	-1.600000	-0.000917	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VN	NT	-0.400000	-0.000229	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VL	NT	0.800000	0.000458	PASS



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**Frequency Error VS. Temperature**

**Voltage**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.200000	-0.001834	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.700000	-0.002120	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-1.500000	-0.000860	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-1.100000	-0.000630	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-1.300000	-0.000745	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.000000	-0.001146	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.100000	-0.001777	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.300000	-0.000745	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.200000	-0.002407	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	-3.500000	-0.002006	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	0.800000	0.000458	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	-3.700000	-0.002120	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	-2.800000	-0.001605	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	-6.000000	-0.003438	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	-0.300000	-0.000172	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	-2.300000	-0.001318	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	1.300000	0.000745	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	-2.900000	-0.001662	PASS

---End of Attachment---



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