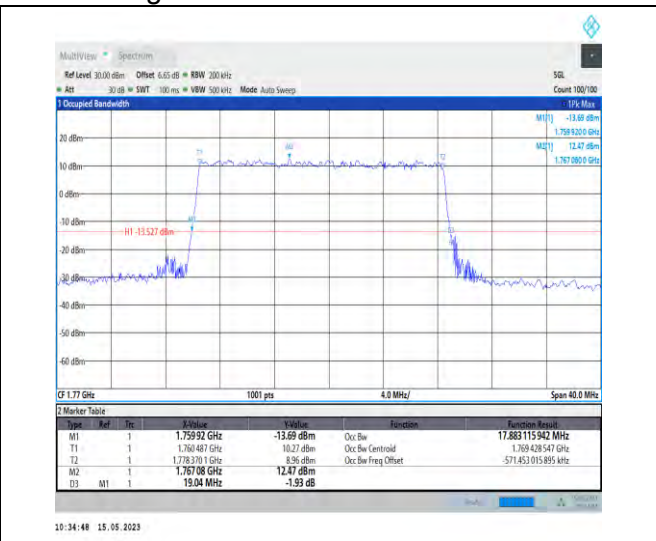




1-DC\_5A\_n66A-PC3-15-5+20-M+H-2-N/A-N/A-N/A-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.914-19.0  
 40-≤20-PASS



1-DC\_5A\_n66A-PC3-15-5+20-M+H-3-N/A-N/A-N/A-DFT-16QAM-Outer\_Full-100@0-Ant1-17.883-19.040  
 -≤20-PASS

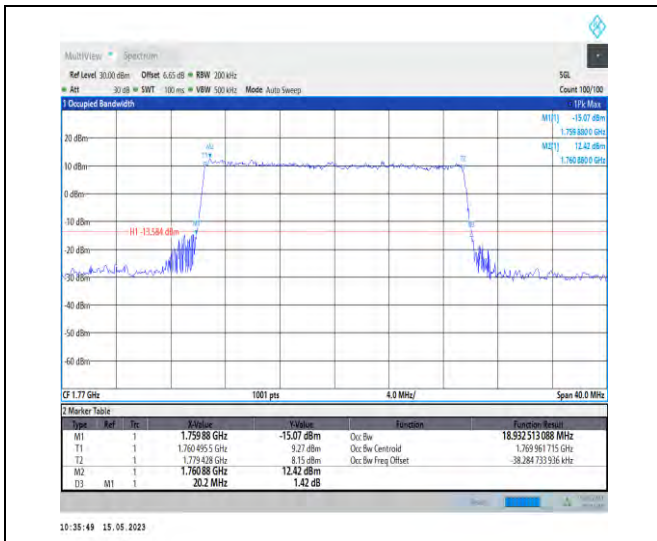


1-DC\_5A\_n66A-PC3-15-5+20-M+H-4-N/A-N/A-N/A-DFT-64QAM-Outer\_Full-100@0-Ant1-17.909-18.880  
 -≤20-PASS

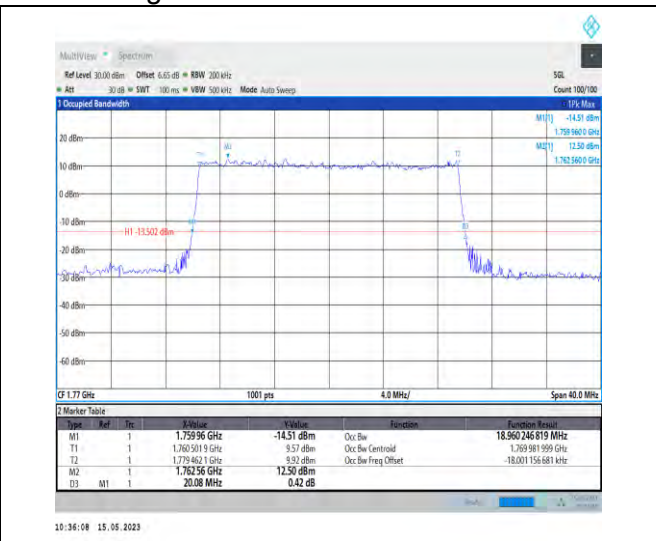


1-DC\_5A\_n66A-PC3-15-5+20-M+H-5-N/A-N/A-N/A-DFT-256QAM-Outer\_Full-100@0-Ant1-17.905-18.88  
 0-≤20-PASS





1-DC\_5A\_n66A-PC3-15-5+20-M+H-6-N/A-N/A-N/A-CP-QPSK-Outer\_Full-106@0-Ant1-18.933-20.200-≤20-PASS



1-DC\_5A\_n66A-PC3-15-5+20-M+H-7-N/A-N/A-N/A-CP-16QAM-Outer\_Full-106@0-Ant1-18.96-20.080-≤20-PASS



1-DC\_5A\_n66A-PC3-15-5+20-M+H-8-N/A-N/A-N/A-CP-64QAM-Outer\_Full-106@0-Ant1-18.918-20.080-≤20-PASS

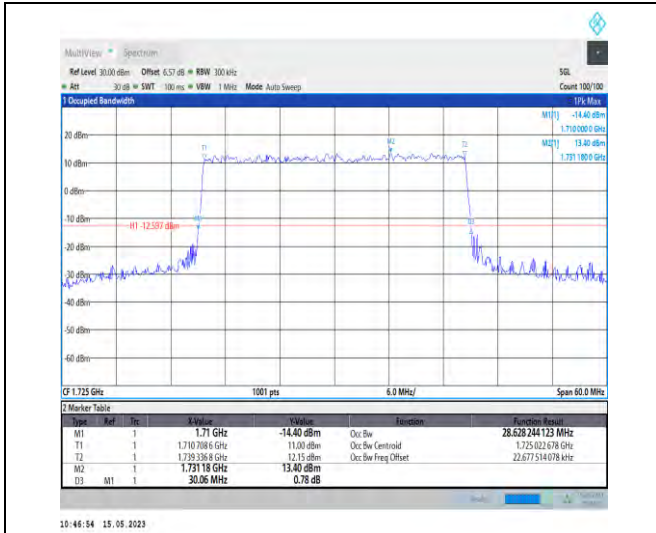


1-DC\_5A\_n66A-PC3-15-5+20-M+H-9-N/A-N/A-N/A-CP-256QAM-Outer\_Full-106@0-Ant1-18.935-20.360-≤20-PASS



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1-DC\_5A\_n66A-PC3-15-5+30-M+L-1-N/A-N/A-N/A-DFT-QPSK-Outer\_Full-160@0-Ant1-28.628-30.060-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+L-2-N/A-N/A-N/A-DFT-PI2BPSK-Outer\_Full-160@0-Ant1-28.576-29.760-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+L-3-N/A-N/A-N/A-DFT-16QAM-Outer\_Full-160@0-Ant1-28.609-29.940-≤30-PASS



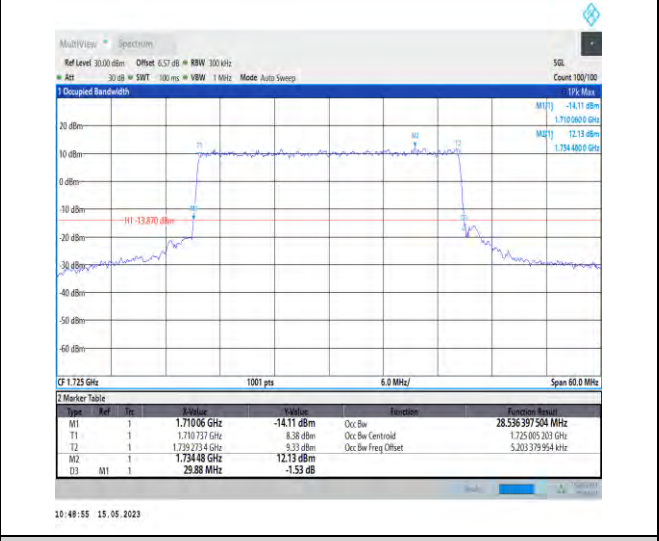
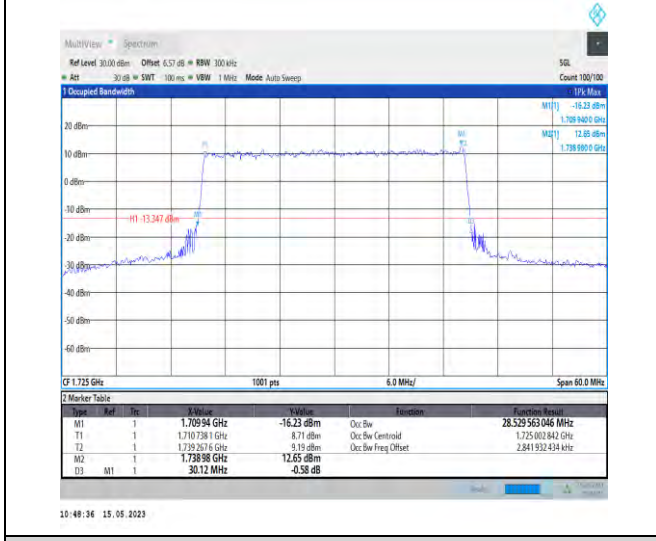
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1-DC\_5A\_n66A-PC3-15-5+30-M+L-4-N/A-N/A-N/A-DFT-64QAM-Outer\_Full-160@0-Ant1-28.524-30.000  
-≤30-PASS

1-DC\_5A\_n66A-PC3-15-5+30-M+L-5-N/A-N/A-N/A-D FT-256QAM-Outer\_Full-160@0-Ant1-28.536-29.880-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+L-6-N/A-N/A-N/A-CP-QPSK-Outer\_Full-160@0-Ant1-28.53-30.120-≤30-PASS

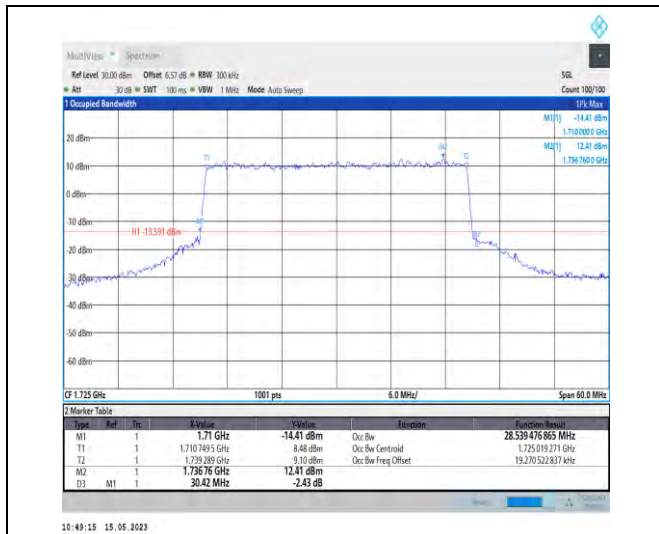
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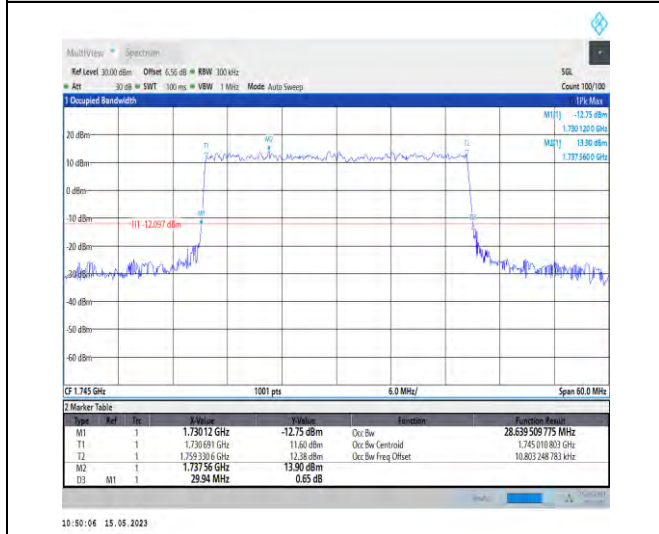
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1-DC\_5A\_n66A-PC3-15-5+30-M+L-8-N/A-N/A-N/A-CP-64QAM-Outer\_Full-160@0-Ant1-28.539-30.420-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+L-9-N/A-N/A-N/A-C-P-256QAM-Outer\_Full-160@0-Ant1-28.571-30.060-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+M-1-N/A-N/A-N/A-DFT-QPSK-Outer\_Full-160@0-Ant1-28.64-29.940-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+M-2-N/A-N/A-N/A-DFT-PI2BPSK-Outer\_Full-160@0-Ant1-28.574-30.000-≤30-PASS





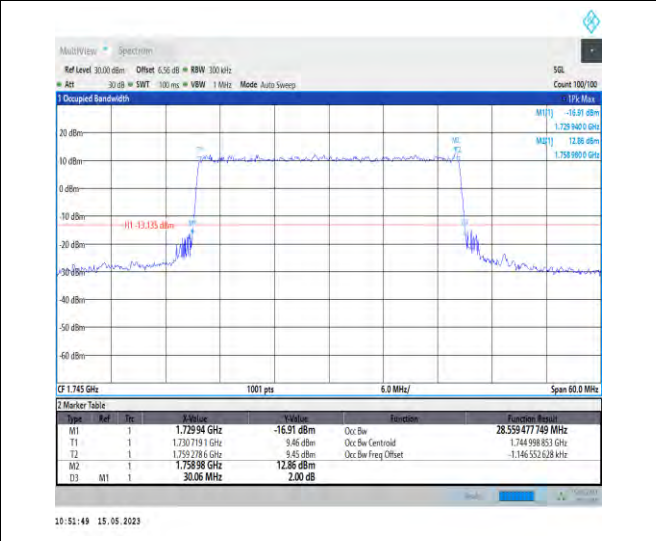
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 -≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+M-4-N/A-N/A-N/A-DFT-64QAM-Outer\_Full-160@0-Ant1-28.538-30.000  
 -≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+M-5-N/A-N/A-N/A-DFT-256QAM-Outer\_Full-160@0-Ant1-28.528-29.88  
 0-≤30-PASS

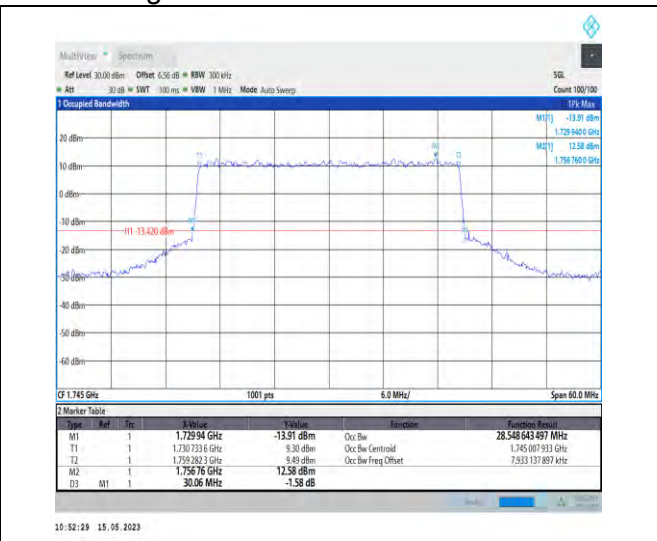
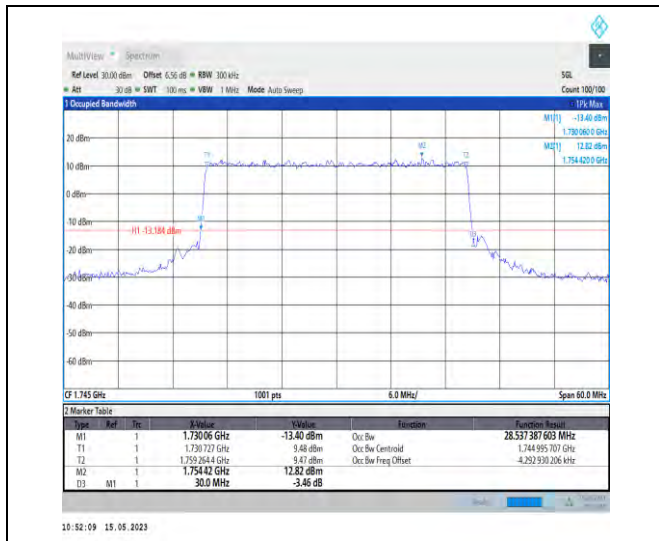


1-DC\_5A\_n66A-PC3-15-5+30-M+M-6-N/A-N/A-N/A-CP-QPSK-Outer\_Full-160@0-Ant1-28.559-30.060-≤30-PASS



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1-DC\_5A\_n66A-PC3-15-5+30-M+M-7-N/A-N/A-N/A-CP-16QAM-Outer\_Full-160@0-Ant1-28.537-30.000-≤30-PASS

1-DC\_5A\_n66A-PC3-15-5+30-M+M-8-N/A-N/A-N/A-CP-64QAM-Outer\_Full-160@0-Ant1-28.549-30.060-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+M-9-N/A-N/A-N/A-CP-256QAM-Outer\_Full-160@0-Ant1-28.575-30.000-≤30-PASS

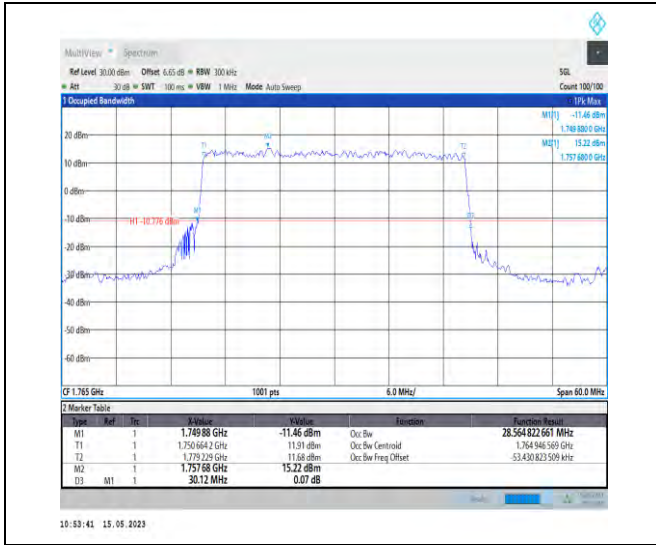
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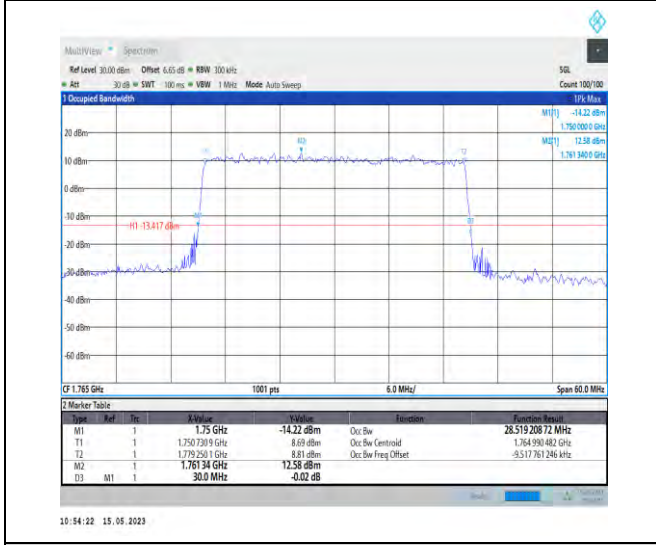
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1-DC\_5A\_n66A-PC3-15-5+30-M+H-2-N/A-N/A-N/A-DFT-PI2BPSK-Outer\_Full-160@0-Ant1-28.565-30.1 20-<=30-PASS

1-DC\_5A\_n66A-PC3-15-5+30-M+H-3-N/A-N/A-N/A-DFT-16QAM-Outer\_Full-160@0-Ant1-28.593-29.940 -<=30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+H-4-N/A-N/A-N/A-DFT-64QAM-Outer\_Full-160@0-Ant1-28.519-30.000 -<=30-PASS

1-DC\_5A\_n66A-PC3-15-5+30-M+H-5-N/A-N/A-N/A-DFT-256QAM-Outer\_Full-160@0-Ant1-28.504-29.820 -<=30-PASS



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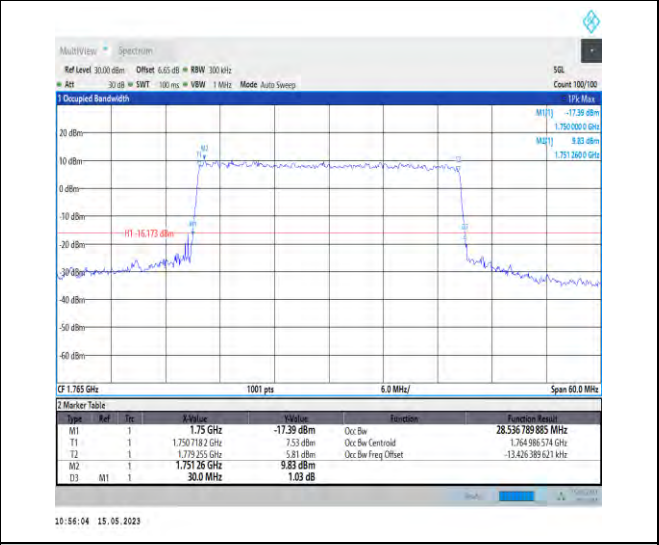
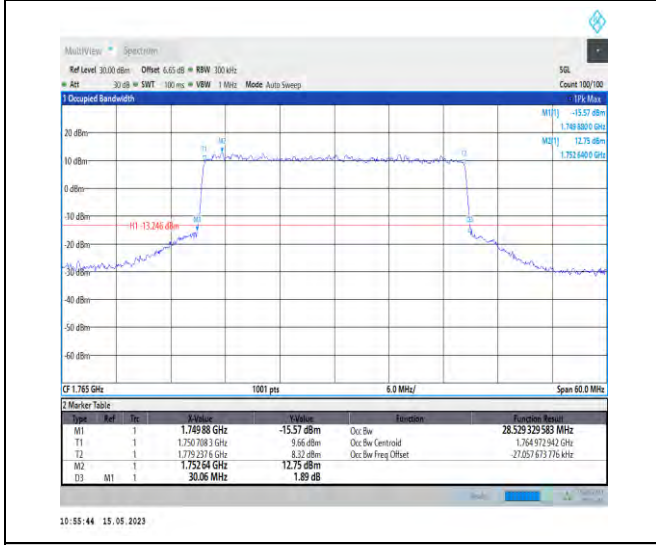
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1-DC\_5A\_n66A-PC3-15-5+30-M+H-6-N/A-N/A-N/A-CP-QPSK-Outer\_Full-160@0-Ant1-28.532-30.660-≤30-PASS

1-DC\_5A\_n66A-PC3-15-5+30-M+H-7-N/A-N/A-N/A-CP-16QAM-Outer\_Full-160@0-Ant1-28.512-29.940-≤30-PASS



1-DC\_5A\_n66A-PC3-15-5+30-M+H-8-N/A-N/A-N/A-CP-64QAM-Outer\_Full-160@0-Ant1-28.529-30.060-≤30-PASS

1-DC\_5A\_n66A-PC3-15-5+30-M+H-9-N/A-N/A-N/A-CP-256QAM-Outer\_Full-160@0-Ant1-28.537-30.000-≤30-PASS

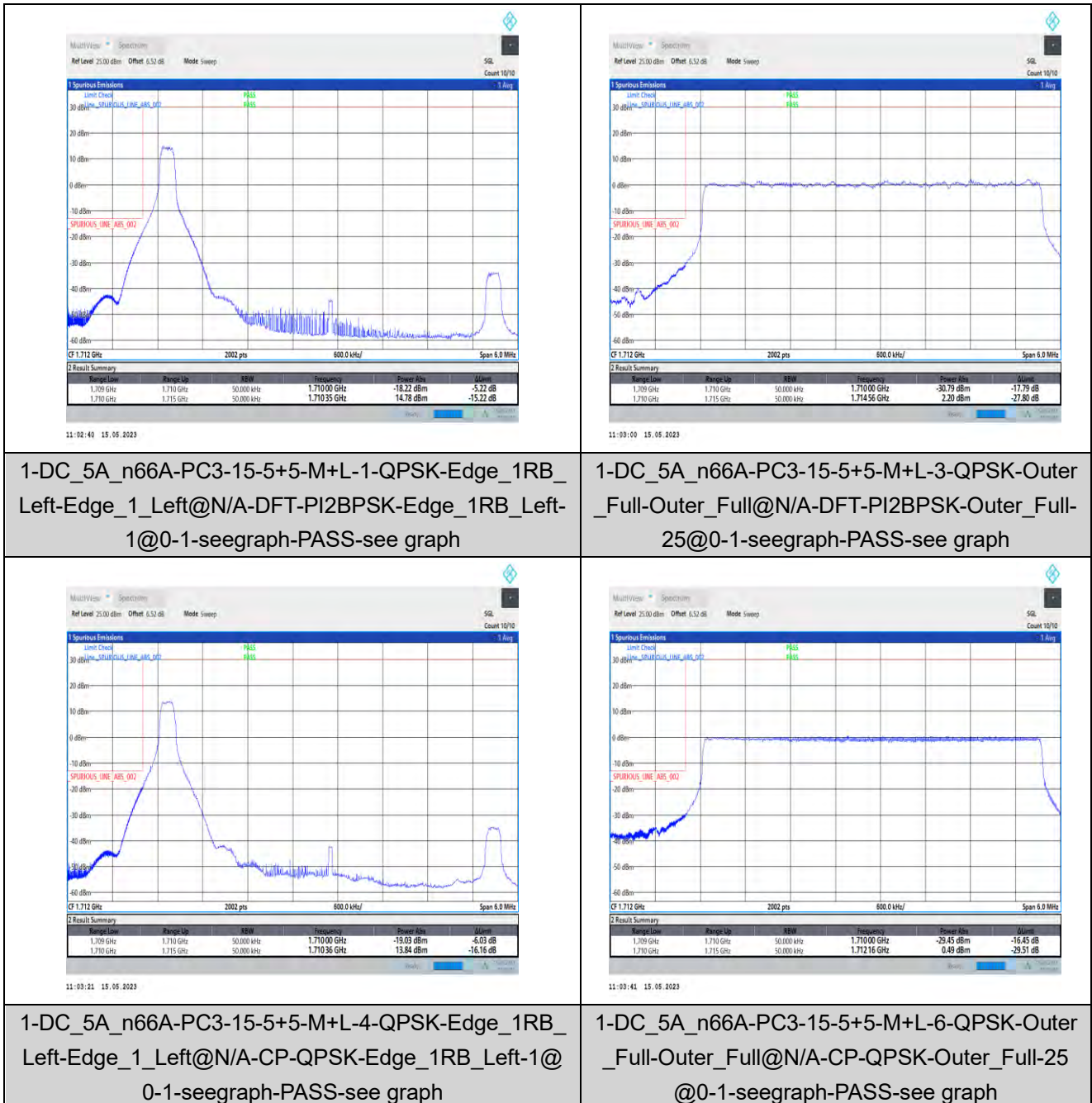


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## Band Edge for NSA

### Test Graphs



1-DC\_5A\_n66A-PC3-15-5+5-M+L-1-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+5-M+L-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-25@0-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+5-M+L-4-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-CP-QPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+5-M+L-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-25@0-1-seegraph-PASS-see graph

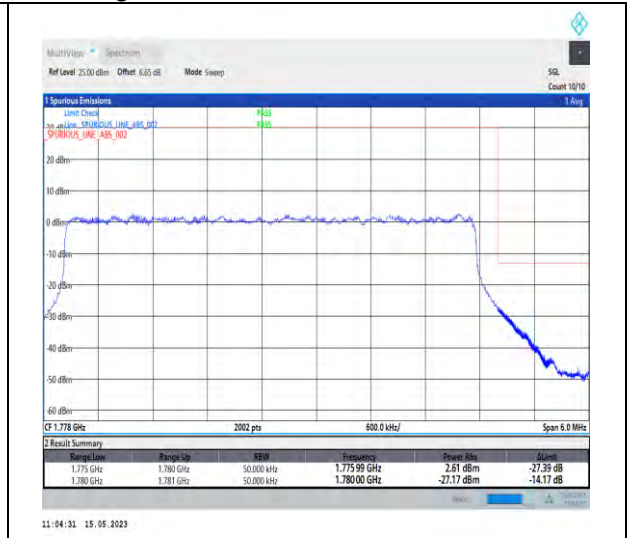
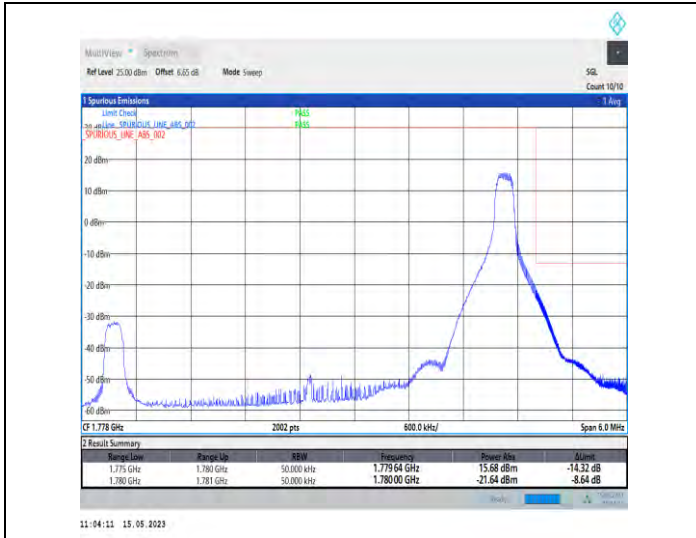


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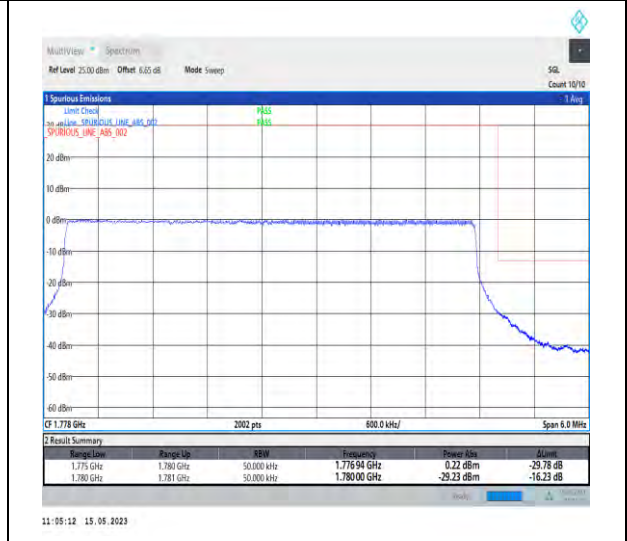
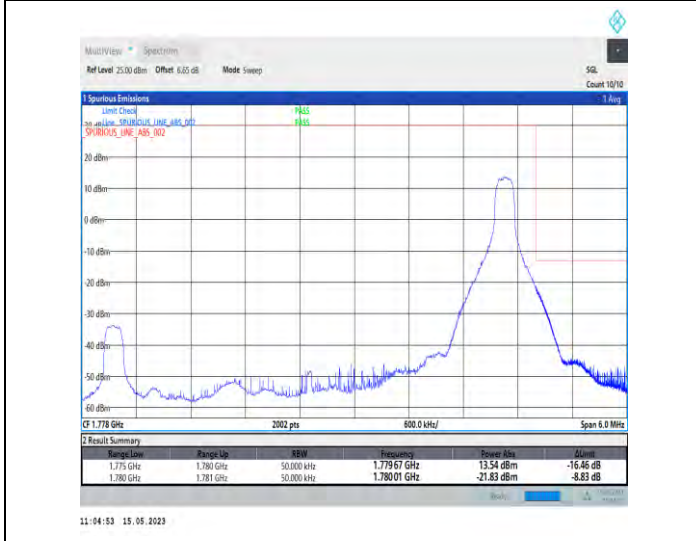
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1-DC\_5A\_n66A-PC3-15-5+5-M+H-2-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-DFT-PI2BPSK-Edge\_1RB\_Right-1@24-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+5-M+H-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-25@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+5-M+H-5-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-CP-QPSK-Edge\_1RB\_Right-1@24-1-seegraph-PASS-see graph

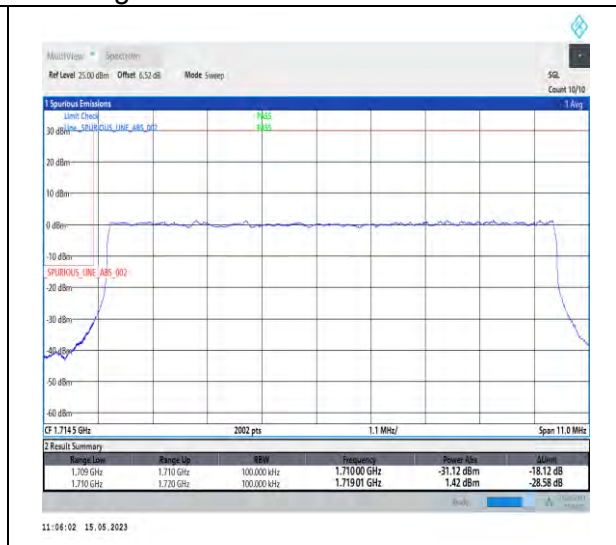
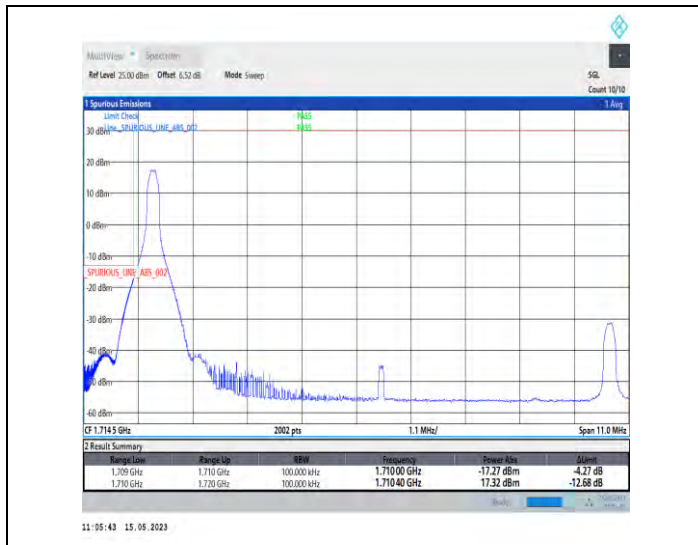
1-DC\_5A\_n66A-PC3-15-5+5-M+H-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-25@0-1-seegraph-PASS-see graph



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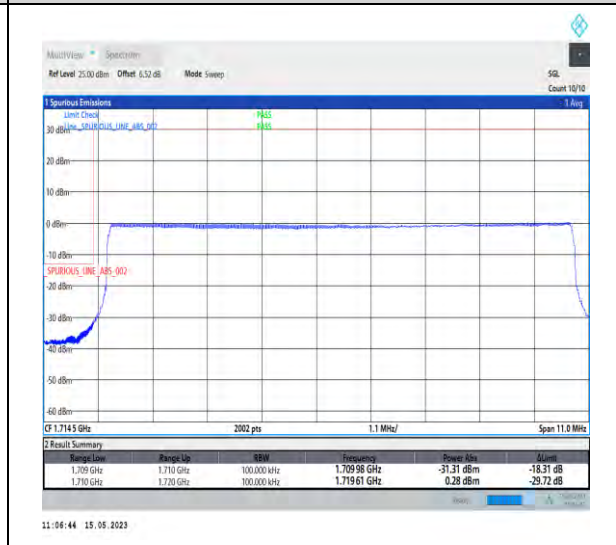
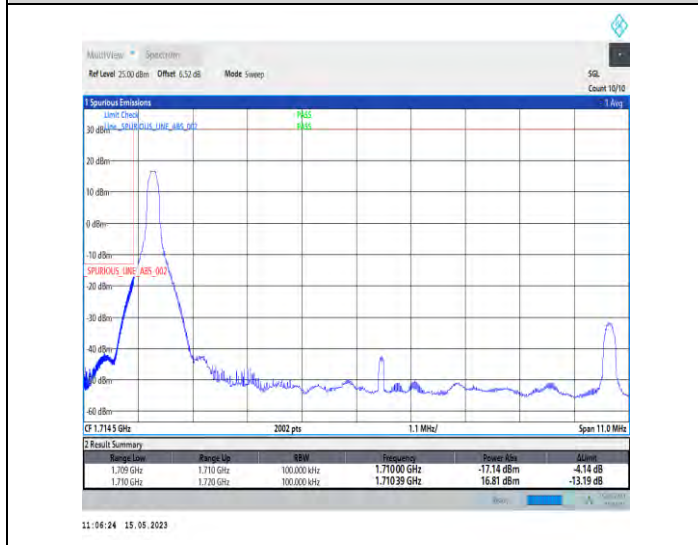
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1-DC\_5A\_n66A-PC3-15-5+10-M+L-1-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+10-M+L-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-50@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+10-M+L-4-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-CP-QPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

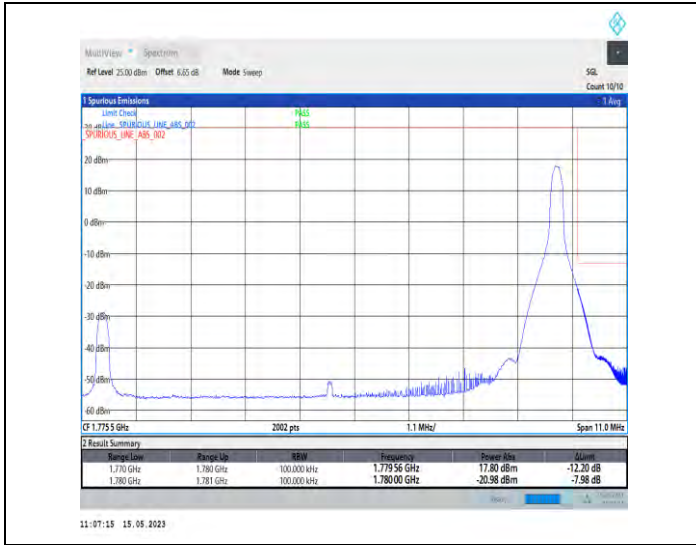
1-DC\_5A\_n66A-PC3-15-5+10-M+L-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-52@0-1-seegraph-PASS-see graph



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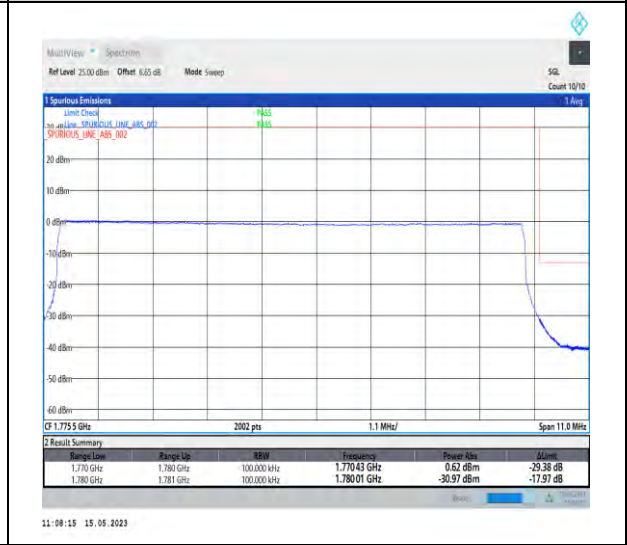
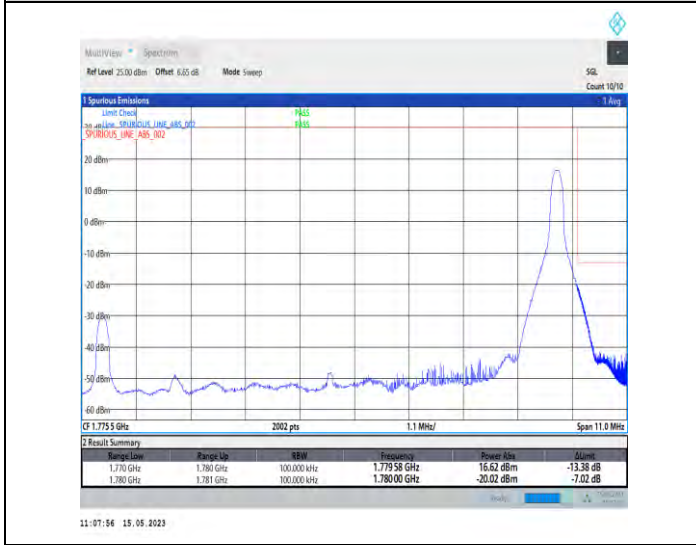
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1-DC\_5A\_n66A-PC3-15-5+10-M+H-2-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+10-M+H-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-50@0-1-seegraph-PASS-see graph



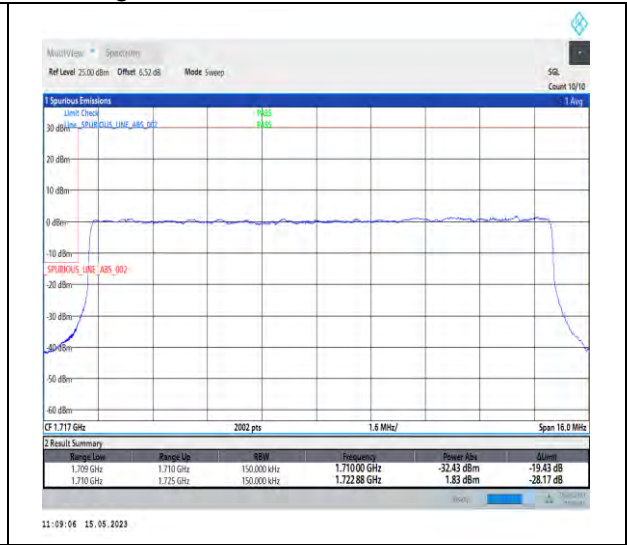
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1-DC\_5A\_n66A-PC3-15-5+10-M+H-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-52@0-1-seegraph-PASS-see graph



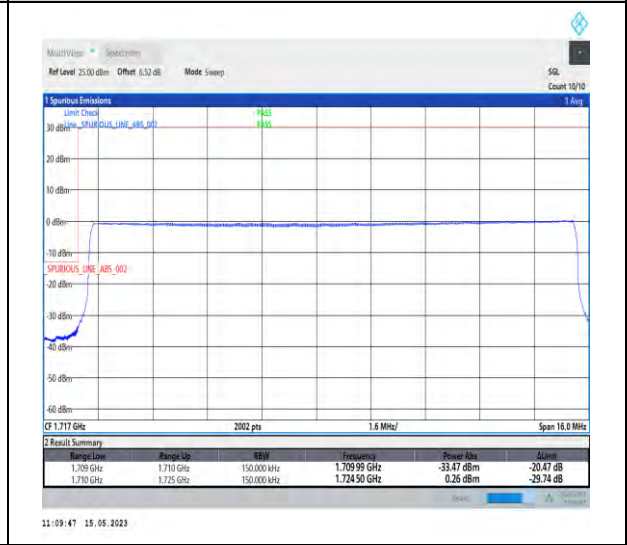
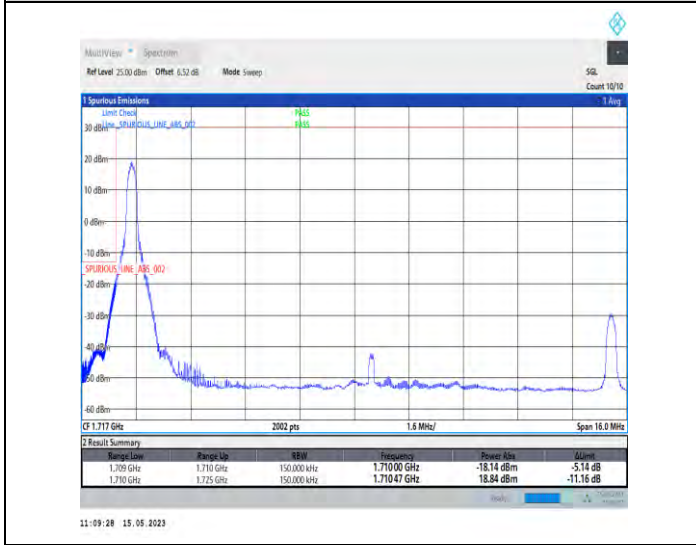
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1-DC\_5A\_n66A-PC3-15-5+15-M+L-1-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+15-M+L-3-QPSK-Out er\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Fu ll-75@0-1-seegraph-PASS-see graph



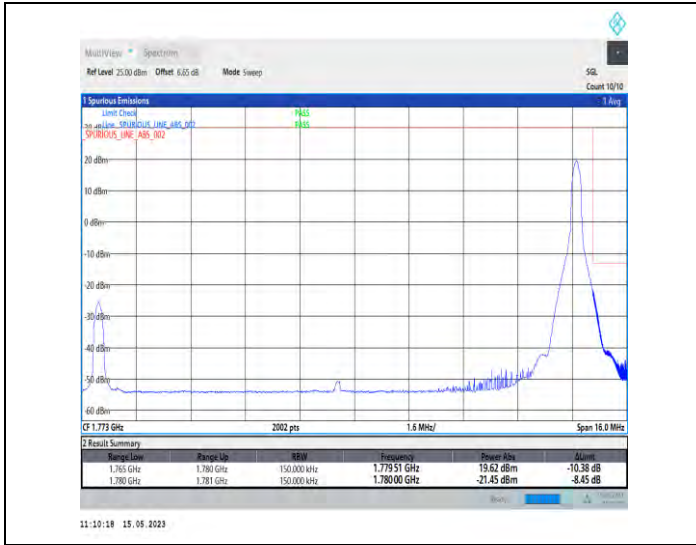
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1-DC\_5A\_n66A-PC3-15-5+15-M+L-6-QPSK-Out er\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-79 @0-1-seegraph-PASS-see graph



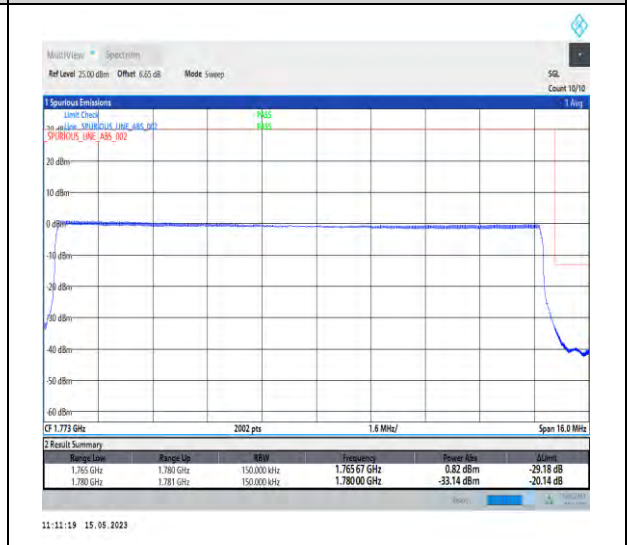
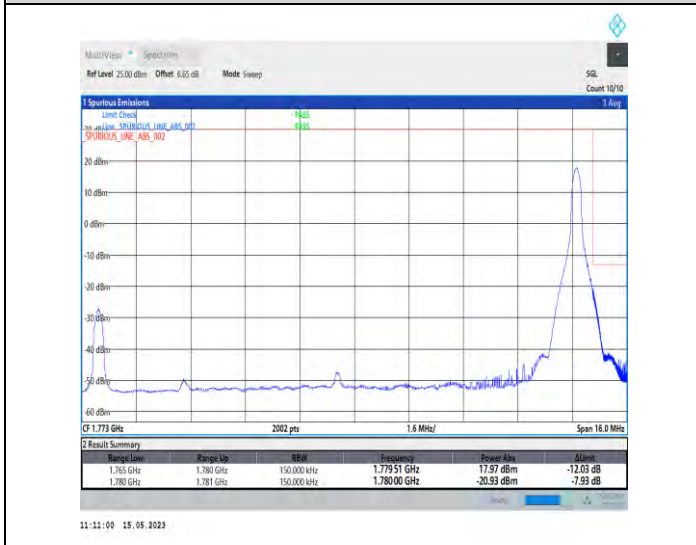
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1-DC\_5A\_n66A-PC3-15-5+15-M+H-2-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+15-M+H-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-75@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+15-M+H-5-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-CP-QPSK-Edge\_1RB\_Right-1@78-1-seegraph-PASS-see graph

1-DC\_5A\_n66A-PC3-15-5+15-M+H-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-79@0-1-seegraph-PASS-see graph

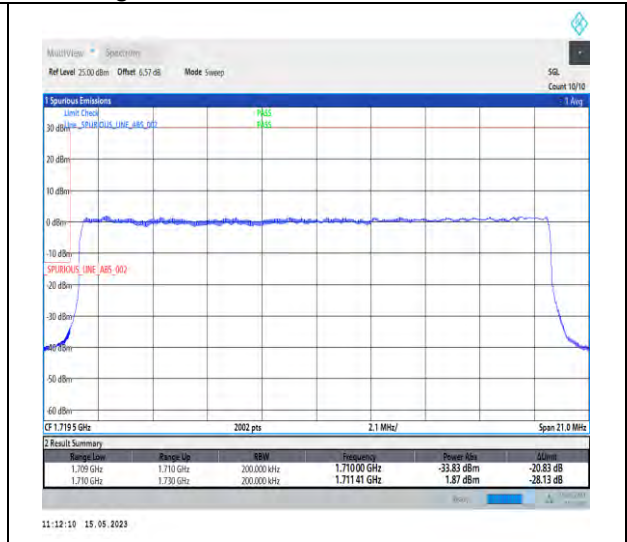


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1-DC\_5A\_n66A-PC3-15-5+20-M+L-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-100@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+20-M+L-4-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-CP-QPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph



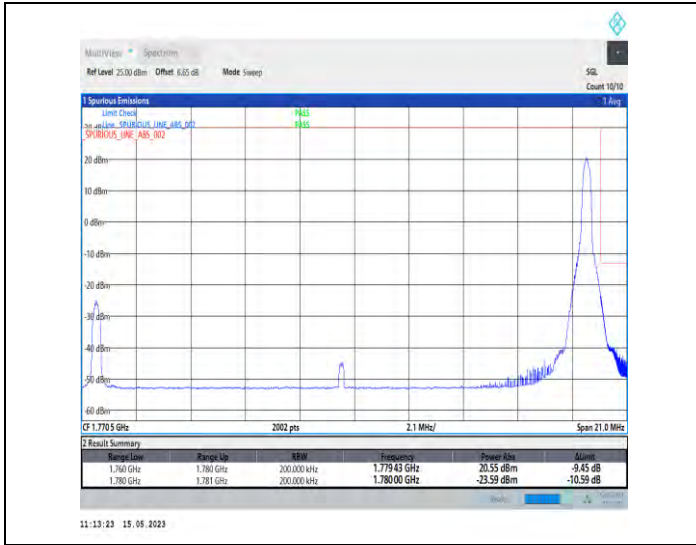
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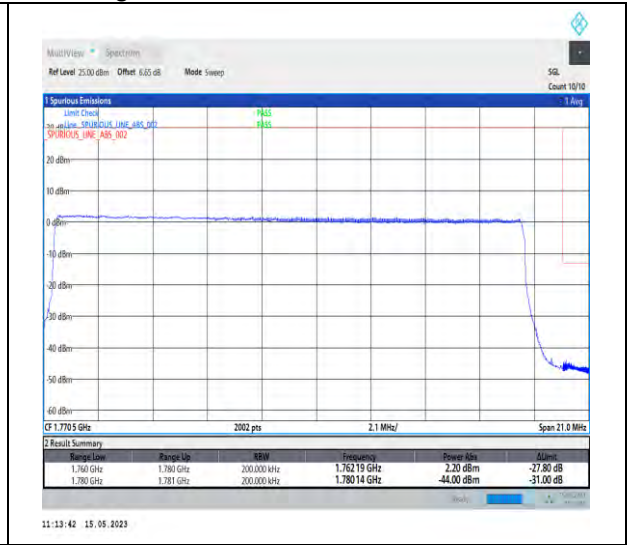
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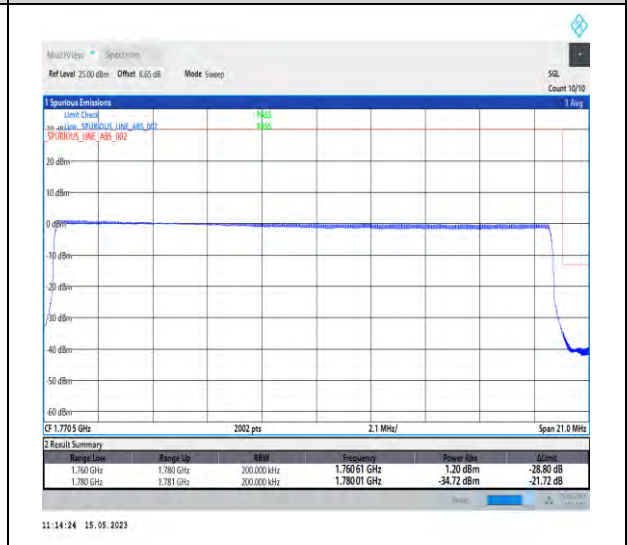
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1-DC\_5A\_n66A-PC3-15-5+20-M+H-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-100@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+20-M+H-5-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-CP-QPSK-Edge\_1RB\_Right-1@105-1-seegraph-PASS-see graph

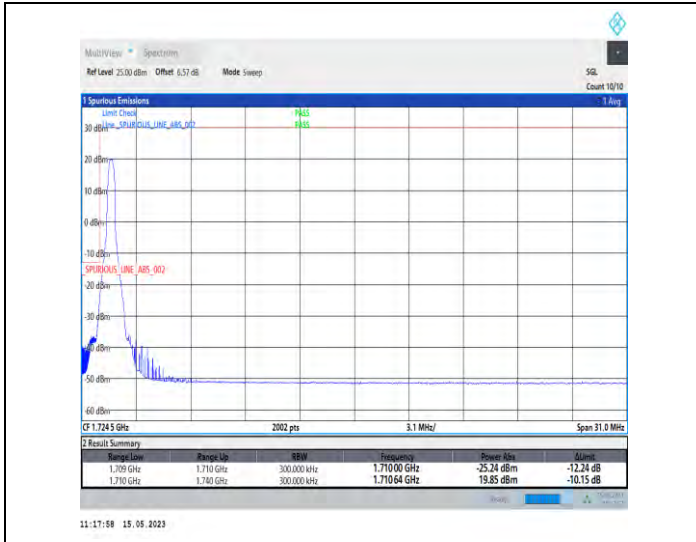


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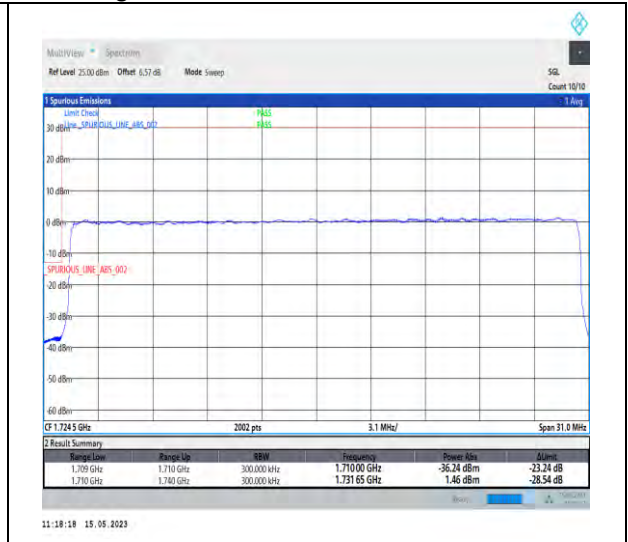


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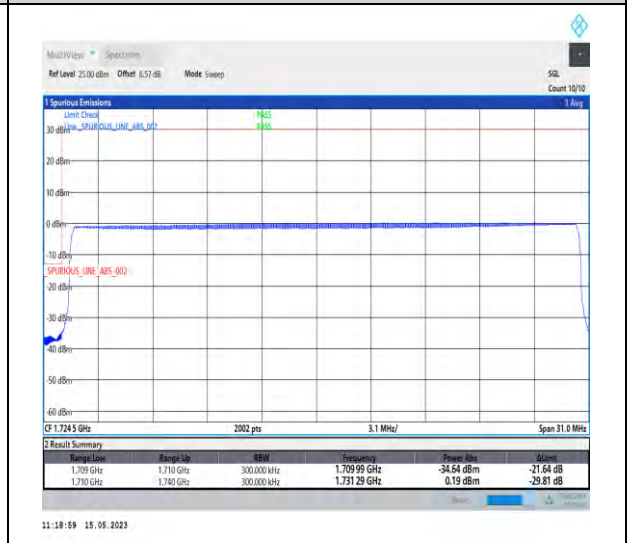
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1-DC\_5A\_n66A-PC3-15-5+30-M+L-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-160@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+30-M+L-4-QPSK-Edge\_1RB\_Left-Edge\_1\_Left@N/A-CP-QPSK-Edge\_1RB\_Left-1@0-1-seegraph-PASS-see graph

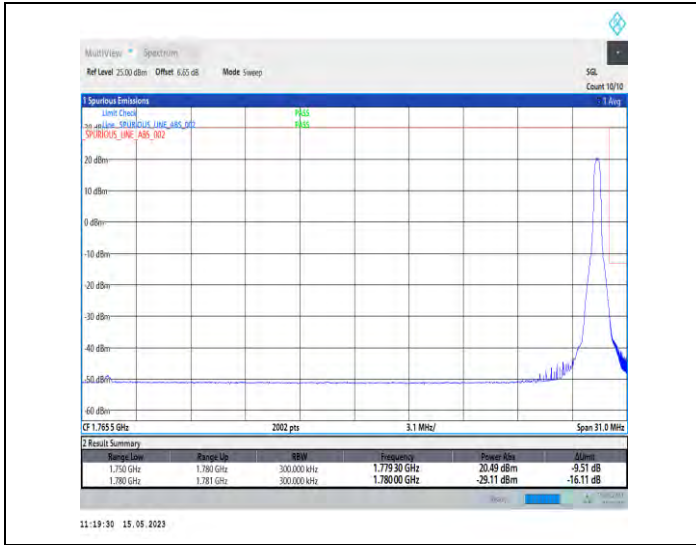


1-DC\_5A\_n66A-PC3-15-5+30-M+L-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-160@0-1-seegraph-PASS-see graph

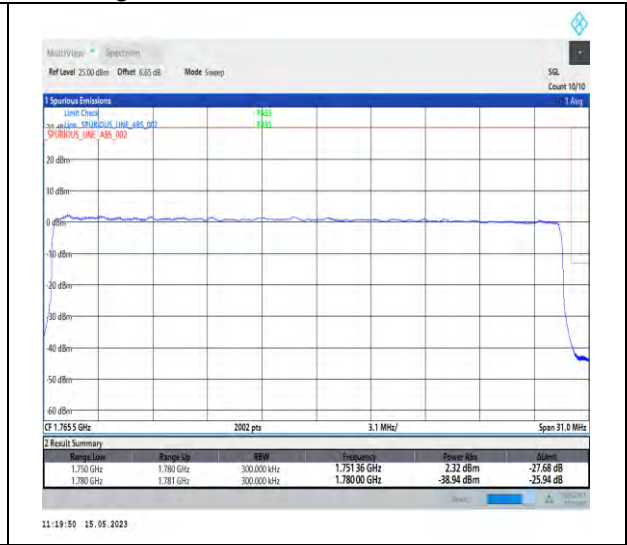


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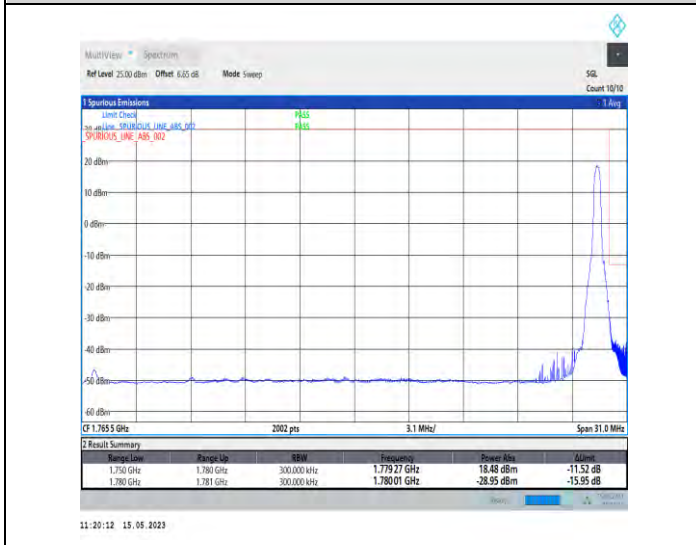
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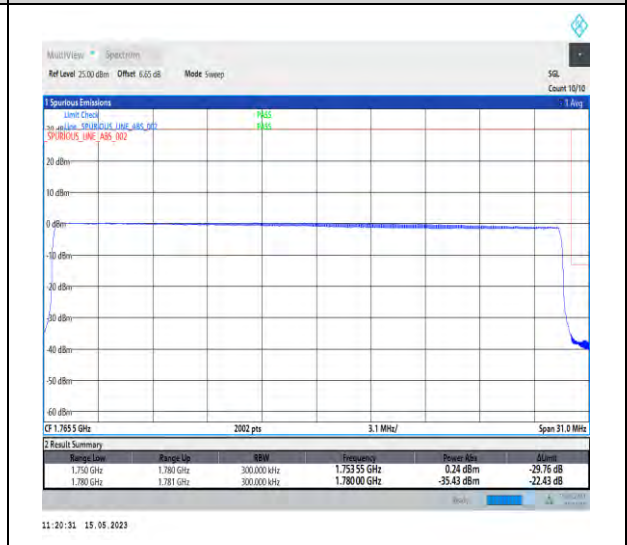
1-DC\_5A\_n66A-PC3-15-5+30-M+H-2-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-DFT-PI2BPSK-Edge\_1RB\_Right-1@159-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+30-M+H-3-QPSK-Outer\_Full-Outer\_Full@N/A-DFT-PI2BPSK-Outer\_Full-160@0-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+30-M+H-5-QPSK-Edge\_1RB\_Right-Edge\_1\_Right@N/A-CP-QPSK-Edge\_1RB\_Right-1@159-1-seegraph-PASS-see graph



1-DC\_5A\_n66A-PC3-15-5+30-M+H-6-QPSK-Outer\_Full-Outer\_Full@N/A-CP-QPSK-Outer\_Full-160@0-1-seegraph-PASS-see graph

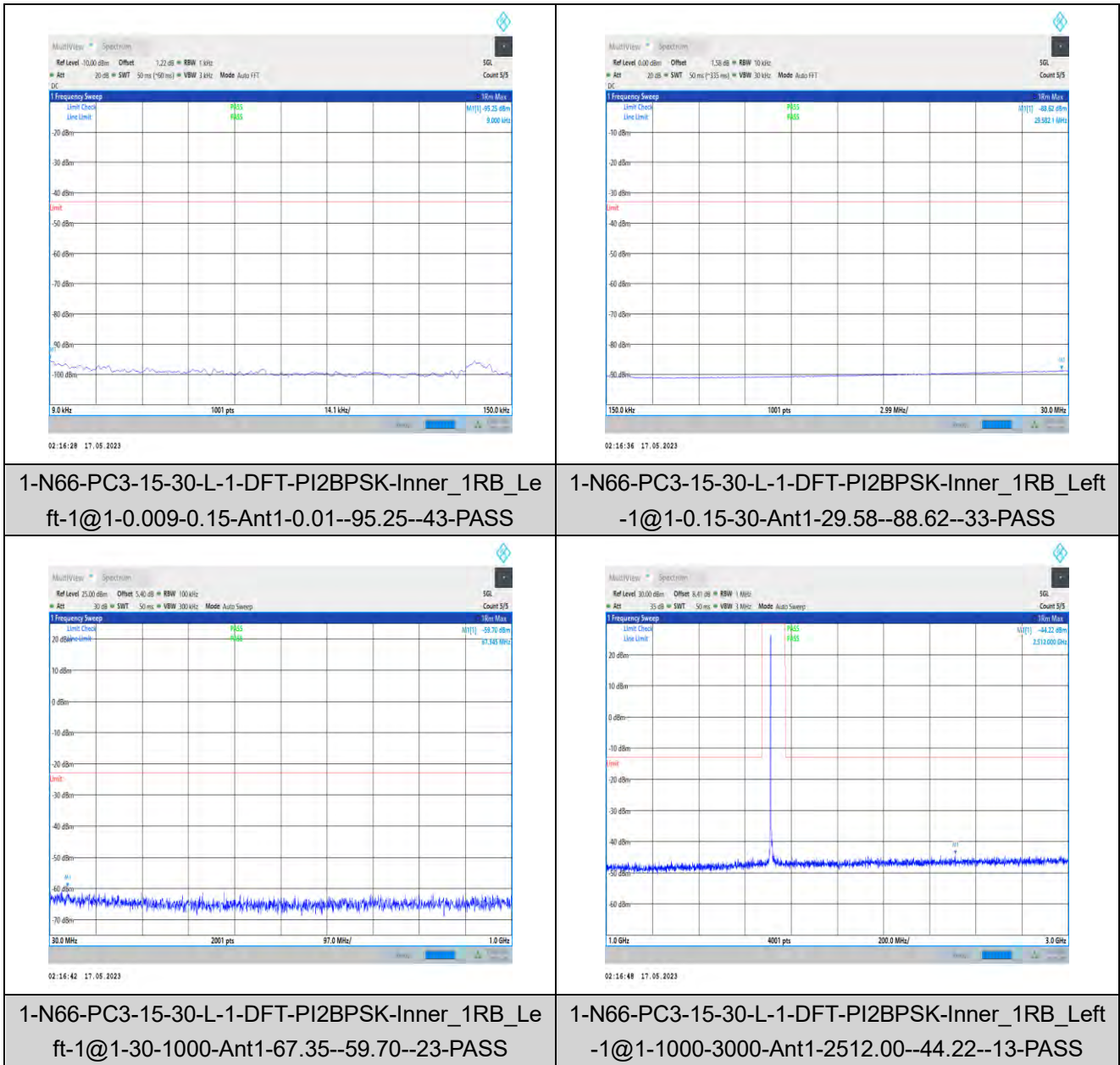


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### Conducted Spurious Emission for NSA

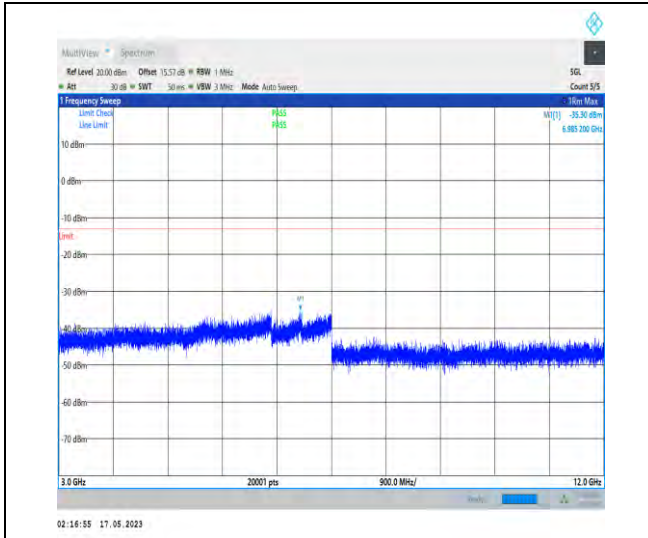
#### Test Graphs



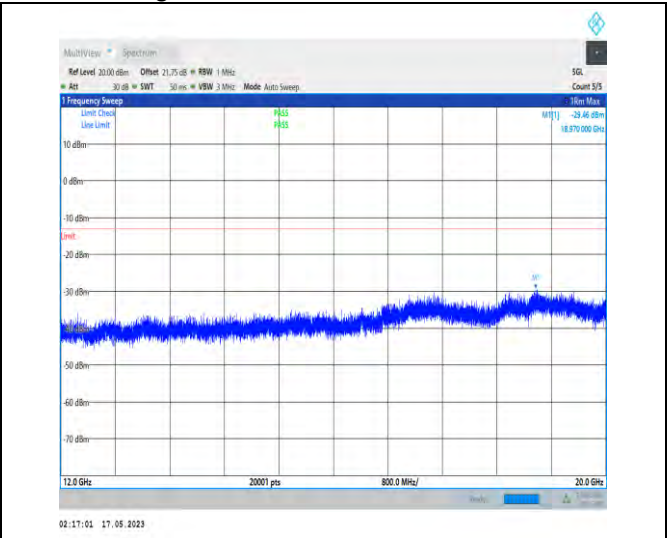
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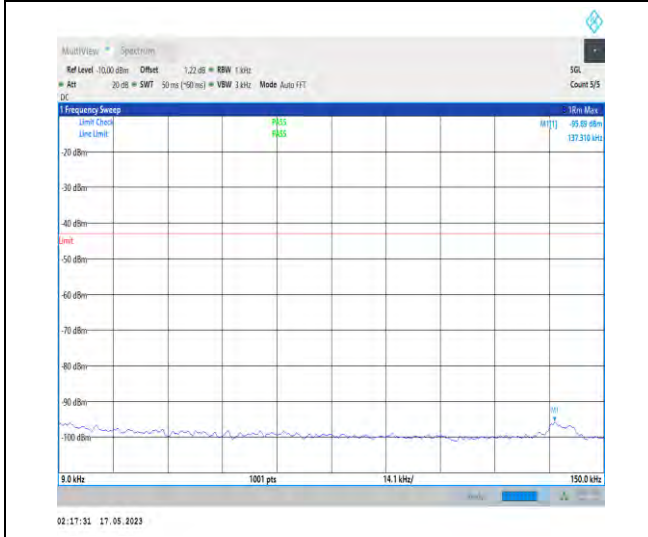
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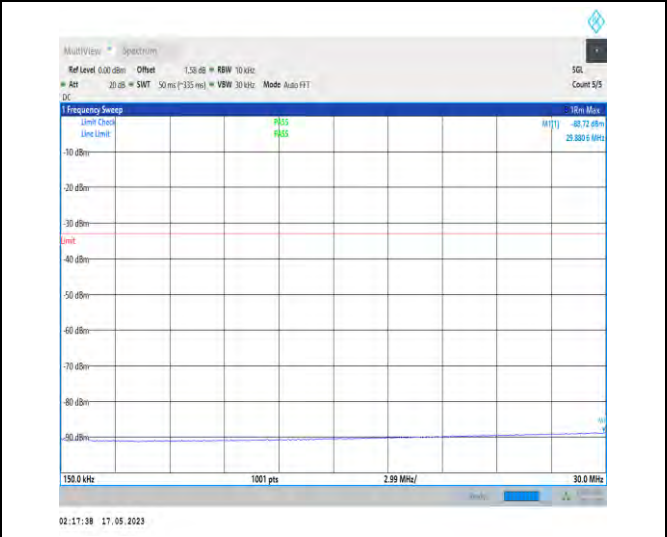
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1-N66-PC3-15-30-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1-18970.00--29.46--13-PASS



1-N66-PC3-15-30-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.14--95.89--43-PASS

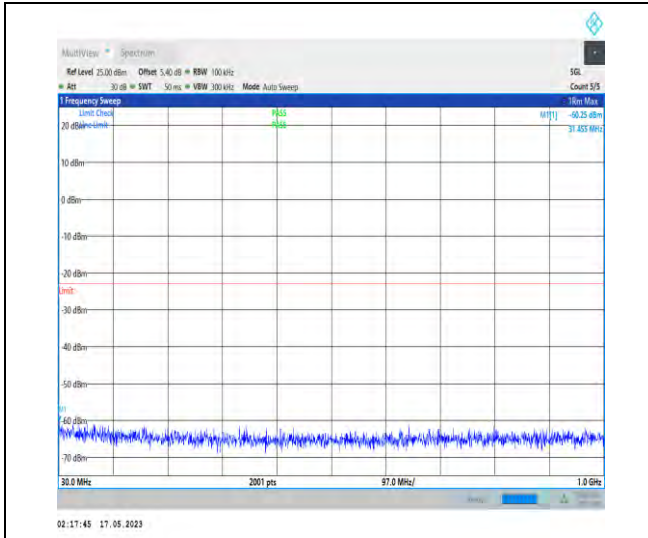


1-N66-PC3-15-30-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-29.88--88.72--33-PASS

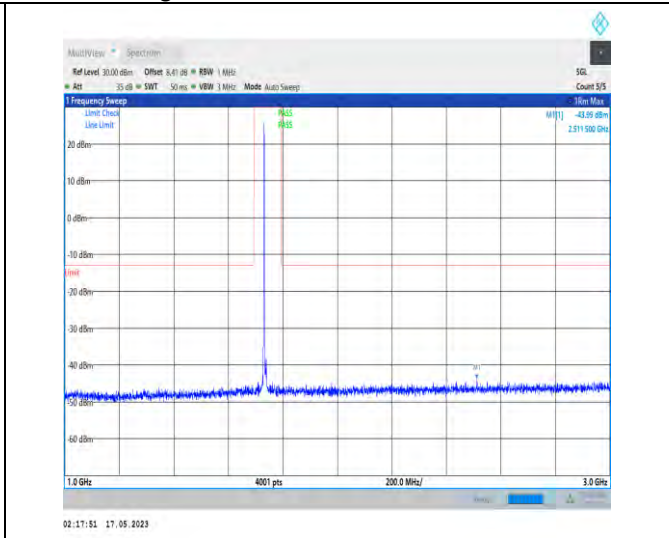


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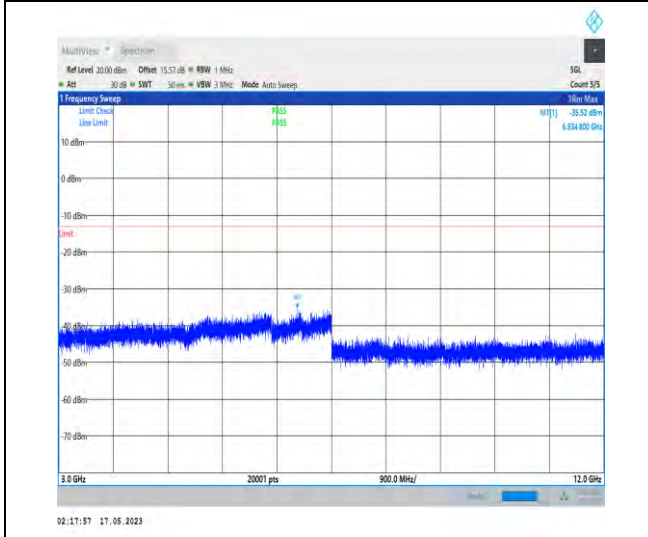
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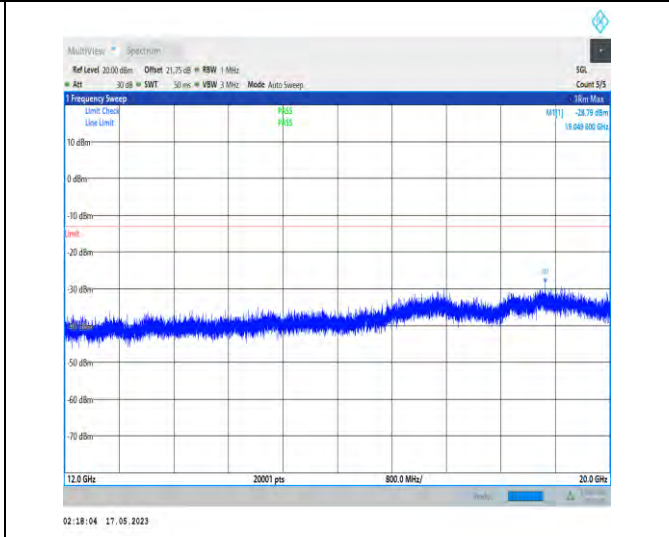
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1-N66-PC3-15-30-M-1-DFT-PI2BPSK-Inner\_1RB\_L ef t-1@1-1000-3000-Ant1-2511.50--43.99--13-PASS



1-N66-PC3-15-30-M-1-DFT-PI2BPSK-Inner\_1RB\_L eft-1@1-3000-12000-Ant1-6934.80--35.52--13-PAS S

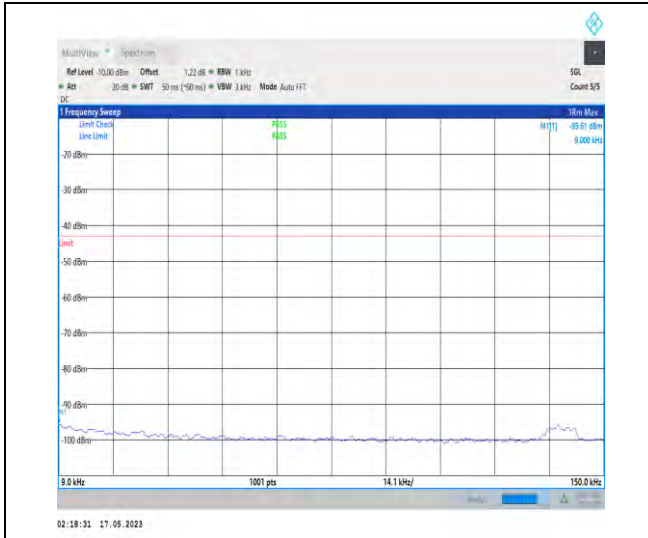


1-N66-PC3-15-30-M-1-DFT-PI2BPSK-Inner\_1RB\_L ef t-1@1-12000-20000-Ant1-19049.60--28.79--13-PASS

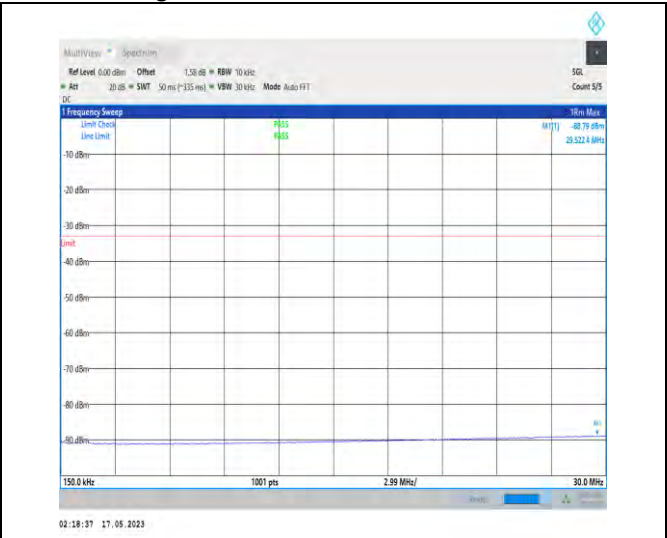


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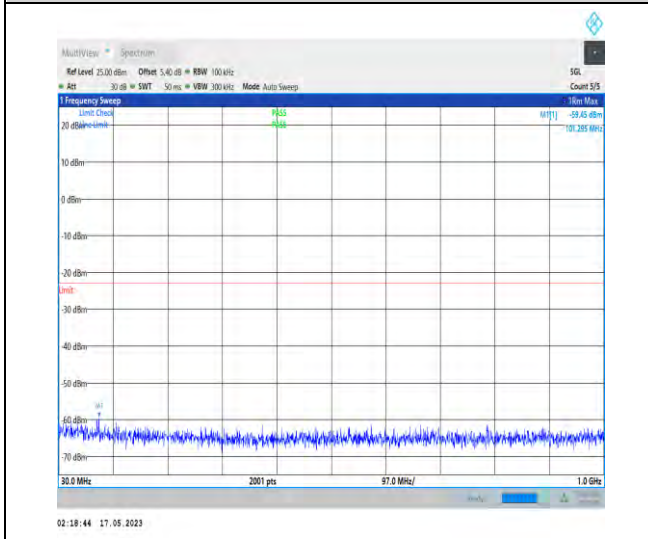
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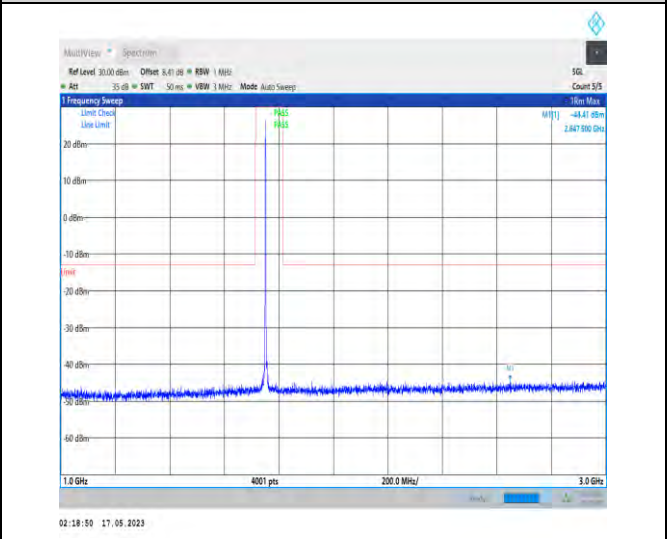
1-N66-PC3-15-30-H-1-DFT-PI2BPSK-Inner\_1RB\_L eft-1@1-0.009-0.15-Ant1-0.01--95.61--43-PASS



1-N66-PC3-15-30-H-1-DFT-PI2BPSK-Inner\_1RB\_L ef t-1@1-0.15-30-Ant1-29.52--88.79--33-PASS



1-N66-PC3-15-30-H-1-DFT-PI2BPSK-Inner\_1RB\_L eft-1@1-30-1000-Ant1-101.30--59.45--23-PASS



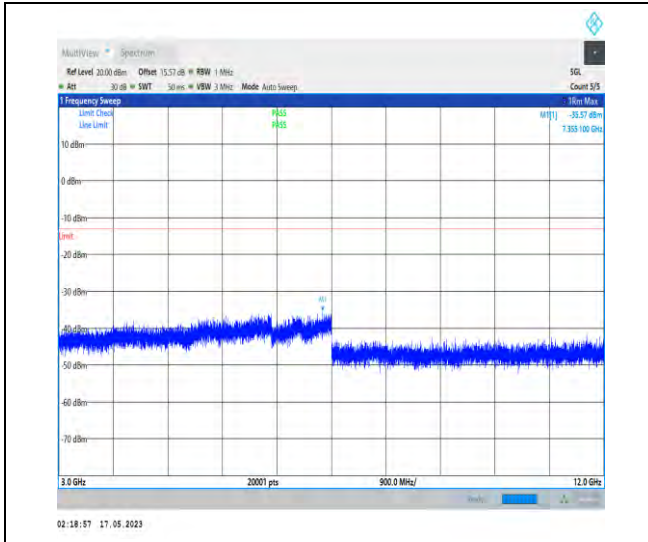
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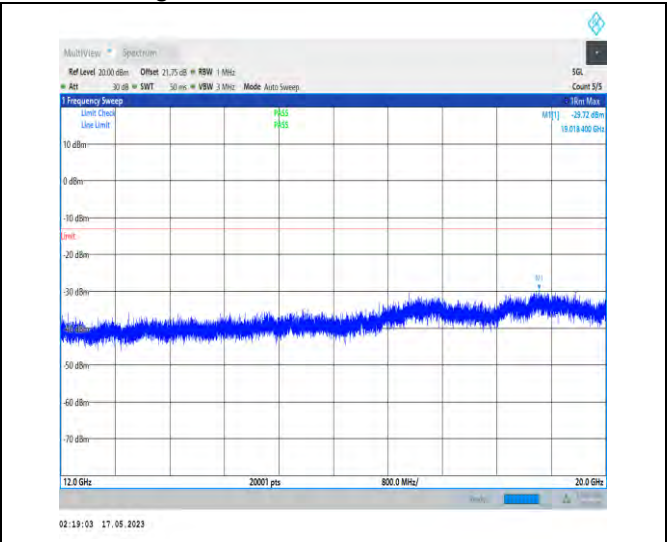
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1-N66-PC3-15-30-H-1-DFT-PI2BPSK-Inner\_1RB\_L  
eft-1@1-3000-12000-Ant1-7355.10--35.57--13-PAS  
S



1-N66-PC3-15-30-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef  
t-1@1-12000-20000-Ant1-19018.40--29.72--13-PASS



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## Field Strength of Spurious Radiation

Test Band = NR SA Band66\_20MHz \_ TM1

Test Channel = Low ANT0

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	41.41	-46.28	29.45	-70.68	-13.00	57.68	145	353	Horizontal
2	5133.2700	40.18	-45.34	32.95	-67.47	-13.00	54.47	122	353	Horizontal
3	6844.3600	40.35	-44.14	35.89	-63.16	-13.00	50.16	259	316	Horizontal
4	8555.4500	37.58	-41.46	37.66	-61.48	-13.00	48.48	285	210	Horizontal
5	10266.5400	35.77	-39.23	38.83	-59.89	-13.00	46.89	174	165	Horizontal
6	11977.6300	33.61	-37.51	38.95	-60.22	-13.00	47.22	142	181	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	41.08	-46.28	29.45	-71.01	-13.00	58.01	211	360	Vertical
2	5133.2700	40.35	-45.34	32.95	-67.30	-13.00	54.30	145	103	Vertical
3	6844.3600	39.97	-44.14	35.89	-63.54	-13.00	50.54	136	163	Vertical
4	8555.4500	37.27	-41.46	37.66	-61.79	-13.00	48.79	256	29	Vertical
5	10266.5400	34.89	-39.23	38.83	-60.77	-13.00	47.77	291	360	Vertical
6	11977.6300	33.12	-37.51	38.95	-60.71	-13.00	47.71	302	360	Vertical



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Test Band = NR SA Band66\_20MHz\_TM1

Test Channel = Mid ANT0

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	42.04	-46.27	29.50	-69.99	-13.00	56.99	144	75	Horizontal
2	5208.2700	41.32	-45.26	32.98	-66.22	-13.00	53.22	158	135	Horizontal
3	6944.3600	39.46	-43.85	36.01	-63.64	-13.00	50.64	144	4	Horizontal
4	8680.4500	38.50	-41.62	37.88	-60.50	-13.00	47.50	126	316	Horizontal
5	10416.5400	34.21	-38.97	38.88	-61.15	-13.00	48.15	256	360	Horizontal
6	12152.6300	33.76	-37.42	39.09	-59.83	-13.00	46.83	291	226	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	42.29	-46.27	29.50	-69.74	-13.00	56.74	211	148	Vertical
2	5208.2700	40.30	-45.26	32.98	-67.24	-13.00	54.24	147	73	Vertical
3	6944.3600	40.10	-43.85	36.01	-63.00	-13.00	50.00	152	3	Vertical
4	8680.4500	38.30	-41.62	37.88	-60.70	-13.00	47.70	213	88	Vertical
5	10416.5400	34.01	-38.97	38.88	-61.35	-13.00	48.35	261	3	Vertical
6	12152.6300	33.26	-37.42	39.09	-60.33	-13.00	47.33	145	28	Vertical



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Test Band = NR SA Band66\_20MHz\_TM1

Test Channel = High ANTO

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	41.67	-46.23	29.54	-70.28	-13.00	57.28	155	179	Horizontal
2	5283.2700	40.61	-45.12	32.91	-66.86	-13.00	53.86	146	359	Horizontal
3	7044.3600	39.14	-43.85	36.20	-63.77	-13.00	50.77	165	3	Horizontal
4	8805.4500	37.32	-41.25	38.08	-61.11	-13.00	48.11	125	179	Horizontal
5	10566.5400	34.09	-38.58	39.03	-60.72	-13.00	47.72	198	286	Horizontal
6	12327.6300	33.09	-37.45	39.09	-60.53	-13.00	47.53	184	286	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	41.31	-46.23	29.54	-70.64	-13.00	57.64	241	360	Vertical
2	5283.2700	40.54	-45.12	32.91	-66.93	-13.00	53.93	152	14	Vertical
3	7044.3600	39.60	-43.85	36.20	-63.31	-13.00	50.31	136	149	Vertical
4	8805.4500	37.94	-41.25	38.08	-60.49	-13.00	47.49	250	353	Vertical
5	10566.5400	33.97	-38.58	39.03	-60.84	-13.00	47.84	165	75	Vertical
6	12327.6300	33.11	-37.45	39.09	-60.51	-13.00	47.51	180	44	Vertical



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Test Band = NR SA Band66\_20MHz\_TM1

Test Channel = Low ANT4

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	29.45	-70.60	-13.00	57.60	211	253	Horizontal
2	5133.2700	39.94	-45.34	32.95	-67.71	-13.00	54.71	147	360	Horizontal
3	6844.3600	40.05	-44.14	35.89	-63.46	-13.00	50.46	158	343	Horizontal
4	8555.4500	36.58	-41.46	37.66	-62.48	-13.00	49.48	174	44	Horizontal
5	10266.5400	34.24	-39.23	38.83	-61.42	-13.00	48.42	153	313	Horizontal
6	11977.6300	32.62	-37.51	38.95	-61.21	-13.00	48.21	216	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	3422.1800	41.47	-46.28	29.45	-70.62	-13.00	57.62	211	28	Vertical
2	5133.2700	40.09	-45.34	32.95	-67.56	-13.00	54.56	145	224	Vertical
3	6844.3600	39.81	-44.14	35.89	-63.70	-13.00	50.70	188	3	Vertical
4	8555.4500	37.23	-41.46	37.66	-61.83	-13.00	48.83	156	102	Vertical
5	10266.5400	34.36	-39.23	38.83	-61.30	-13.00	48.30	236	56	Vertical
6	11977.6300	31.68	-37.51	38.95	-62.15	-13.00	49.15	195	268	Vertical



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Test Band = NR SA Band66\_20MHz\_TM1

Test Channel = Mid ANT4

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	42.05	-46.27	29.50	-69.98	-13.00	56.98	214	326	Horizontal
2	5208.2700	40.87	-45.26	32.98	-66.67	-13.00	53.67	158	222	Horizontal
3	6944.3600	39.78	-43.85	36.01	-63.32	-13.00	50.32	174	342	Horizontal
4	8680.4500	37.89	-41.62	37.88	-61.11	-13.00	48.11	146	3	Horizontal
5	10416.5400	33.42	-38.97	38.88	-61.94	-13.00	48.94	129	73	Horizontal
6	12152.6300	32.37	-37.42	39.09	-61.22	-13.00	48.22	155	342	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	29.50	-69.76	-13.00	56.76	255	344	Vertical
2	5208.2700	40.50	-45.26	32.98	-67.04	-13.00	54.04	142	60	Vertical
3	6944.3600	39.15	-43.85	36.01	-63.95	-13.00	50.95	136	4	Vertical
4	8680.4500	37.45	-41.62	37.88	-61.55	-13.00	48.55	256	29	Vertical
5	10416.5400	33.82	-38.97	38.88	-61.54	-13.00	48.54	199	134	Vertical
6	12152.6300	32.18	-37.42	39.09	-61.41	-13.00	48.41	145	271	Vertical



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Test Band = NR SA Band66\_20MHz\_TM1

Test Channel = High ANT4

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	41.83	-46.23	29.54	-70.12	-13.00	57.12	222	357	Horizontal
2	5283.2700	40.94	-45.12	32.91	-66.53	-13.00	53.53	154	330	Horizontal
3	7044.3600	39.66	-43.85	36.20	-63.25	-13.00	50.25	158	360	Horizontal
4	8805.4500	36.73	-41.25	38.08	-61.70	-13.00	48.70	136	164	Horizontal
5	10566.5400	33.66	-38.58	39.03	-61.15	-13.00	48.15	259	103	Horizontal
6	12327.6300	31.76	-37.45	39.09	-61.86	-13.00	48.86	144	43	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	42.55	-46.23	29.54	-69.40	-13.00	56.40	211	256	Vertical
2	5283.2700	39.81	-45.12	32.91	-67.66	-13.00	54.66	145	14	Vertical
3	7044.3600	38.95	-43.85	36.20	-63.96	-13.00	50.96	133	256	Vertical
4	8805.4500	37.27	-41.25	38.08	-61.16	-13.00	48.16	256	359	Vertical
5	10566.5400	33.76	-38.58	39.03	-61.05	-13.00	48.05	261	360	Vertical
6	12327.6300	31.88	-37.45	39.09	-61.74	-13.00	48.74	186	226	Vertical



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**Test Band = NR NSA 12A-n66A\_ TM1**  
**Test Channel = Low ANT0**

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	41.18	-46.28	29.45	-70.91	-13.00	57.91	214	238	Horizontal
2	5133.2700	39.81	-45.34	32.95	-67.84	-13.00	54.84	156	134	Horizontal
3	6844.3600	39.45	-44.14	35.89	-64.06	-13.00	51.06	126	252	Horizontal
4	8555.4500	36.39	-41.46	37.66	-62.67	-13.00	49.67	145	360	Horizontal
5	10266.5400	33.43	-39.23	38.83	-62.23	-13.00	49.23	128	224	Horizontal
6	11977.6300	30.22	-37.51	38.95	-63.61	-13.00	50.61	132	238	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	40.81	-46.28	29.45	-71.28	-13.00	58.28	245	352	Vertical
2	5133.2700	39.96	-45.34	32.95	-67.69	-13.00	54.69	125	360	Vertical
3	6844.3600	39.95	-44.14	35.89	-63.56	-13.00	50.56	136	240	Vertical
4	8555.4500	36.41	-41.46	37.66	-62.65	-13.00	49.65	251	359	Vertical
5	10266.5400	32.93	-39.23	38.83	-62.73	-13.00	49.73	188	121	Vertical
6	11977.6300	30.09	-37.51	38.95	-63.74	-13.00	50.74	169	45	Vertical



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Test Band = NR NSA 12A-n66A\_ TM1

Test Channel = Mid ANT0

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	41.99	-46.27	29.50	-70.04	-13.00	57.04	144	14	Horizontal
2	5208.2700	40.52	-45.26	32.98	-67.02	-13.00	54.02	158	352	Horizontal
3	6944.3600	39.38	-43.85	36.01	-63.72	-13.00	50.72	174	3	Horizontal
4	8680.4500	37.02	-41.62	37.88	-61.98	-13.00	48.98	152	284	Horizontal
5	10416.5400	33.16	-38.97	38.88	-62.20	-13.00	49.20	136	60	Horizontal
6	12152.6300	30.95	-37.42	39.09	-62.64	-13.00	49.64	259	357	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	42.22	-46.27	29.50	-69.81	-13.00	56.81	211	13	Vertical
2	5208.2700	40.17	-45.26	32.98	-67.37	-13.00	54.37	142	222	Vertical
3	6944.3600	39.24	-43.85	36.01	-63.86	-13.00	50.86	147	178	Vertical
4	8680.4500	36.69	-41.62	37.88	-62.31	-13.00	49.31	196	178	Vertical
5	10416.5400	33.06	-38.97	38.88	-62.30	-13.00	49.30	258	73	Vertical
6	12152.6300	30.85	-37.42	39.09	-62.74	-13.00	49.74	106	164	Vertical



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Test Band = NR NSA 12A-n66A\_ TM1

Test Channel = High ANT0

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	42.10	-46.27	29.50	-69.93	-13.00	56.93	255	256	Horizontal
2	5208.2700	39.98	-45.26	32.98	-67.56	-13.00	54.56	146	59	Horizontal
3	6944.3600	39.22	-43.85	36.01	-63.88	-13.00	50.88	126	4	Horizontal
4	8680.4500	37.77	-41.62	37.88	-61.23	-13.00	48.23	135	59	Horizontal
5	10416.5400	32.88	-38.97	38.88	-62.48	-13.00	49.48	188	104	Horizontal
6	12152.6300	30.67	-37.42	39.09	-62.92	-13.00	49.92	222	179	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	41.65	-46.27	29.50	-70.38	-13.00	57.38	245	224	Vertical
2	5208.2700	40.07	-45.26	32.98	-67.47	-13.00	54.47	156	120	Vertical
3	6944.3600	38.94	-43.85	36.01	-64.16	-13.00	51.16	129	269	Vertical
4	8680.4500	36.98	-41.62	37.88	-62.02	-13.00	49.02	135	29	Vertical
5	10416.5400	32.44	-38.97	38.88	-62.92	-13.00	49.92	188	103	Vertical
6	12152.6300	30.82	-37.42	39.09	-62.77	-13.00	49.77	170	134	Vertical



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Test Band = NR NSA 12A-n66A\_ TM1

Test Channel = Low ANT4

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	40.24	-46.28	29.45	-71.85	-13.00	58.85	214	28	Horizontal
2	5133.2700	39.37	-45.34	32.95	-68.28	-13.00	55.28	154	3	Horizontal
3	6844.3600	39.21	-44.14	35.89	-64.30	-13.00	51.30	142	207	Horizontal
4	8555.4500	36.78	-41.46	37.66	-62.28	-13.00	49.28	188	360	Horizontal
5	10266.5400	32.34	-39.23	38.83	-63.32	-13.00	50.32	172	12	Horizontal
6	11977.6300	29.72	-37.51	38.95	-64.11	-13.00	51.11	136	360	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	41.24	-46.28	29.45	-70.85	-13.00	57.85	245	195	Vertical
2	5133.2700	38.99	-45.34	32.95	-68.66	-13.00	55.66	126	134	Vertical
3	6844.3600	39.83	-44.14	35.89	-63.68	-13.00	50.68	258	209	Vertical
4	8555.4500	36.15	-41.46	37.66	-62.91	-13.00	49.91	147	163	Vertical
5	10266.5400	33.29	-39.23	38.83	-62.37	-13.00	49.37	153	14	Vertical
6	11977.6300	30.12	-37.51	38.95	-63.71	-13.00	50.71	213	360	Vertical



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Test Band = NR NSA 12A-n66A\_ TM1

Test Channel = Mid ANT4

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	41.76	-46.27	29.50	-70.27	-13.00	57.27	216	194	Horizontal
2	5208.2700	40.07	-45.26	32.98	-67.47	-13.00	54.47	145	43	Horizontal
3	6944.3600	38.45	-43.85	36.01	-64.65	-13.00	51.65	185	283	Horizontal
4	8680.4500	36.91	-41.62	37.88	-62.09	-13.00	49.09	142	134	Horizontal
5	10416.5400	32.37	-38.97	38.88	-62.99	-13.00	49.99	136	3	Horizontal
6	12152.6300	30.50	-37.42	39.09	-63.09	-13.00	50.09	211	120	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	41.90	-46.27	29.50	-70.13	-13.00	57.13	215	16	Vertical
2	5208.2700	40.47	-45.26	32.98	-67.07	-13.00	54.07	169	301	Vertical
3	6944.3600	38.79	-43.85	36.01	-64.31	-13.00	51.31	184	135	Vertical
4	8680.4500	37.35	-41.62	37.88	-61.65	-13.00	48.65	155	301	Vertical
5	10416.5400	32.26	-38.97	38.88	-63.10	-13.00	50.10	100	46	Vertical
6	12152.6300	30.05	-37.42	39.09	-63.54	-13.00	50.54	199	150	Vertical



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Test Band = NR NSA 12A-n66A\_ TM1

Test Channel = High ANT4

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	40.79	-46.23	29.54	-71.16	-13.00	58.16	255	88	Horizontal
2	5283.2700	39.64	-45.12	32.91	-67.83	-13.00	54.83	146	360	Horizontal
3	7044.3600	38.63	-43.85	36.20	-64.28	-13.00	51.28	126	240	Horizontal
4	8805.4500	36.03	-41.25	38.08	-62.40	-13.00	49.40	158	134	Horizontal
5	10566.5400	32.55	-38.58	39.03	-62.26	-13.00	49.26	174	88	Horizontal
6	12327.6300	30.13	-37.45	39.09	-63.49	-13.00	50.49	185	329	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	41.18	-46.23	29.54	-70.77	-13.00	57.77	236	255	Vertical
2	5283.2700	39.41	-45.12	32.91	-68.06	-13.00	55.06	152	134	Vertical
3	7044.3600	39.47	-43.85	36.20	-63.44	-13.00	50.44	142	74	Vertical
4	8805.4500	36.48	-41.25	38.08	-61.95	-13.00	48.95	128	208	Vertical
5	10566.5400	32.50	-38.58	39.03	-62.31	-13.00	49.31	195	74	Vertical
6	12327.6300	31.10	-37.45	39.09	-62.52	-13.00	49.52	184	255	Vertical



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

Test Channel = Low ANT0

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	41.71	-46.23	29.54	-70.24	-13.00	57.24	142	360	Horizontal
2	5283.2700	39.12	-45.12	32.91	-68.35	-13.00	55.35	136	14	Horizontal
3	7044.3600	38.98	-43.85	36.20	-63.93	-13.00	50.93	142	166	Horizontal
4	8805.4500	37.02	-41.25	38.08	-61.41	-13.00	48.41	129	360	Horizontal
5	10566.5400	32.40	-38.58	39.03	-62.41	-13.00	49.41	184	257	Horizontal
6	12327.6300	30.58	-37.45	39.09	-63.04	-13.00	50.04	175	106	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	41.53	-46.23	29.54	-70.42	-13.00	57.42	211	257	Vertical
2	5283.2700	40.00	-45.12	32.91	-67.47	-13.00	54.47	145	331	Vertical
3	7044.3600	38.90	-43.85	36.20	-64.01	-13.00	51.01	156	243	Vertical
4	8805.4500	36.09	-41.25	38.08	-62.34	-13.00	49.34	129	182	Vertical
5	10566.5400	32.51	-38.58	39.03	-62.30	-13.00	49.30	154	257	Vertical
6	12327.6300	30.35	-37.45	39.09	-63.27	-13.00	50.27	122	344	Vertical



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

Test Channel = Mid ANT0

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	41.45	-46.27	29.50	-70.58	-13.00	57.58	255	90	Horizontal
2	5208.2700	40.15	-45.26	32.98	-67.39	-13.00	54.39	145	29	Horizontal
3	6944.3600	39.54	-43.85	36.01	-63.56	-13.00	50.56	169	209	Horizontal
4	8680.4500	36.71	-41.62	37.88	-62.29	-13.00	49.29	185	29	Horizontal
5	10416.5400	32.62	-38.97	38.88	-62.74	-13.00	49.74	152	104	Horizontal
6	12152.6300	30.97	-37.42	39.09	-62.62	-13.00	49.62	103	45	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	42.01	-46.27	29.50	-70.02	-13.00	57.02	256	331	Vertical
2	5208.2700	40.93	-45.26	32.98	-66.61	-13.00	53.61	142	331	Vertical
3	6944.3600	39.34	-43.85	36.01	-63.76	-13.00	50.76	136	165	Vertical
4	8680.4500	36.64	-41.62	37.88	-62.36	-13.00	49.36	259	179	Vertical
5	10416.5400	32.98	-38.97	38.88	-62.38	-13.00	49.38	144	14	Vertical
6	12152.6300	30.46	-37.42	39.09	-63.13	-13.00	50.13	172	256	Vertical



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

**Test Channel = High ANT0**

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	41.45	-46.23	29.54	-70.50	-13.00	57.50	241	360	Horizontal
2	5283.2700	40.05	-45.12	32.91	-67.42	-13.00	54.42	126	331	Horizontal
3	7044.3600	38.89	-43.85	36.20	-64.02	-13.00	51.02	155	30	Horizontal
4	8805.4500	36.66	-41.25	38.08	-61.77	-13.00	48.77	198	352	Horizontal
5	10566.5400	33.17	-38.58	39.03	-61.64	-13.00	48.64	251	344	Horizontal
6	12327.6300	30.83	-37.45	39.09	-62.79	-13.00	49.79	153	331	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	41.80	-46.23	29.54	-70.15	-13.00	57.15	211	360	Vertical
2	5283.2700	39.82	-45.12	32.91	-67.65	-13.00	54.65	142	16	Vertical
3	7044.3600	38.89	-43.85	36.20	-64.02	-13.00	51.02	126	59	Vertical
4	8805.4500	37.03	-41.25	38.08	-61.40	-13.00	48.40	259	136	Vertical
5	10566.5400	32.29	-38.58	39.03	-62.52	-13.00	49.52	291	256	Vertical
6	12327.6300	30.18	-37.45	39.09	-63.44	-13.00	50.44	140	151	Vertical



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

Test Channel = Low ANT4

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	29.45	-70.50	-13.00	57.50	241	360	Horizontal
2	5133.2700	39.66	-45.34	32.95	-67.99	-13.00	54.99	136	224	Horizontal
3	6844.3600	39.65	-44.14	35.89	-63.86	-13.00	50.86	251	330	Horizontal
4	8555.4500	36.80	-41.46	37.66	-62.26	-13.00	49.26	148	351	Horizontal
5	10266.5400	32.97	-39.23	38.83	-62.69	-13.00	49.69	175	351	Horizontal
6	11977.6300	29.07	-37.51	38.95	-64.76	-13.00	51.76	169	238	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	41.76	-46.28	29.45	-70.33	-13.00	57.33	211	117	Vertical
2	5133.2700	39.74	-45.34	32.95	-67.91	-13.00	54.91	158	13	Vertical
3	6844.3600	39.68	-44.14	35.89	-63.83	-13.00	50.83	147	360	Vertical
4	8555.4500	36.20	-41.46	37.66	-62.86	-13.00	49.86	185	283	Vertical
5	10266.5400	32.87	-39.23	38.83	-62.79	-13.00	49.79	169	103	Vertical
6	11977.6300	29.54	-37.51	38.95	-64.29	-13.00	51.29	211	134	Vertical



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

Test Channel = Mid ANT4

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	42.11	-46.27	29.50	-69.92	-13.00	56.92	211	313	Horizontal
2	5208.2700	39.94	-45.26	32.98	-67.60	-13.00	54.60	126	359	Horizontal
3	6944.3600	38.54	-43.85	36.01	-64.56	-13.00	51.56	136	90	Horizontal
4	8680.4500	37.24	-41.62	37.88	-61.76	-13.00	48.76	256	284	Horizontal
5	10416.5400	32.21	-38.97	38.88	-63.15	-13.00	50.15	145	240	Horizontal
6	12152.6300	30.30	-37.42	39.09	-63.29	-13.00	50.29	195	4	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	41.72	-46.27	29.50	-70.31	-13.00	57.31	211	360	Vertical
2	5208.2700	41.28	-45.26	32.98	-66.26	-13.00	53.26	158	74	Vertical
3	6944.3600	38.69	-43.85	36.01	-64.41	-13.00	51.41	145	269	Vertical
4	8680.4500	36.88	-41.62	37.88	-62.12	-13.00	49.12	126	360	Vertical
5	10416.5400	32.42	-38.97	38.88	-62.94	-13.00	49.94	266	74	Vertical
6	12152.6300	30.24	-37.42	39.09	-63.35	-13.00	50.35	298	164	Vertical



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

Test Channel = High ANT4

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	41.41	-46.23	29.54	-70.54	-13.00	57.54	211	165	Horizontal
2	5283.2700	39.58	-45.12	32.91	-67.89	-13.00	54.89	142	165	Horizontal
3	7044.3600	38.92	-43.85	36.20	-63.99	-13.00	50.99	136	360	Horizontal
4	8805.4500	36.83	-41.25	38.08	-61.60	-13.00	48.60	251	179	Horizontal
5	10566.5400	32.35	-38.58	39.03	-62.46	-13.00	49.46	144	254	Horizontal
6	12327.6300	30.45	-37.45	39.09	-63.17	-13.00	50.17	159	343	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	41.68	-46.23	29.54	-70.27	-13.00	57.27	255	60	Vertical
2	5283.2700	39.78	-45.12	32.91	-67.69	-13.00	54.69	148	194	Vertical
3	7044.3600	38.83	-43.85	36.20	-64.08	-13.00	51.08	169	179	Vertical
4	8805.4500	35.90	-41.25	38.08	-62.53	-13.00	49.53	182	105	Vertical
5	10566.5400	32.64	-38.58	39.03	-62.17	-13.00	49.17	103	165	Vertical
6	12327.6300	30.92	-37.45	39.09	-62.70	-13.00	49.70	100	120	Vertical



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

Test Channel = Low ANT4

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	40.98	-46.28	29.45	-71.11	-13.00	58.11	255	90	Horizontal
2	5133.2700	39.39	-45.34	32.95	-68.26	-13.00	55.26	145	30	Horizontal
3	6844.3600	39.24	-44.14	35.89	-64.27	-13.00	51.27	186	45	Horizontal
4	8555.4500	36.76	-41.46	37.66	-62.30	-13.00	49.30	265	240	Horizontal
5	10266.5400	33.00	-39.23	38.83	-62.66	-13.00	49.66	128	360	Horizontal
6	11977.6300	29.59	-37.51	38.95	-64.24	-13.00	51.24	177	359	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	40.81	-46.28	29.45	-71.28	-13.00	58.28	126	284	Vertical
2	5133.2700	40.74	-45.34	32.95	-66.91	-13.00	53.91	251	44	Vertical
3	6844.3600	39.09	-44.14	35.89	-64.42	-13.00	51.42	142	225	Vertical
4	8555.4500	36.32	-41.46	37.66	-62.74	-13.00	49.74	136	270	Vertical
5	10266.5400	33.44	-39.23	38.83	-62.22	-13.00	49.22	211	88	Vertical
6	11977.6300	29.85	-37.51	38.95	-63.98	-13.00	50.98	198	151	Vertical



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

Test Channel = Mid ANT4

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	42.01	-46.27	29.50	-70.02	-13.00	57.02	144	352	Horizontal
2	5208.2700	40.41	-45.26	32.98	-67.13	-13.00	54.13	152	180	Horizontal
3	6944.3600	39.15	-43.85	36.01	-63.95	-13.00	50.95	142	352	Horizontal
4	8680.4500	37.62	-41.62	37.88	-61.38	-13.00	48.38	136	105	Horizontal
5	10416.5400	33.12	-38.97	38.88	-62.24	-13.00	49.24	256	255	Horizontal
6	12152.6300	30.84	-37.42	39.09	-62.75	-13.00	49.75	218	4	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	41.71	-46.27	29.50	-70.32	-13.00	57.32	142	88	Vertical
2	5208.2700	40.44	-45.26	32.98	-67.10	-13.00	54.10	126	255	Vertical
3	6944.3600	38.91	-43.85	36.01	-64.19	-13.00	51.19	159	148	Vertical
4	8680.4500	38.17	-41.62	37.88	-60.83	-13.00	47.83	126	359	Vertical
5	10416.5400	32.49	-38.97	38.88	-62.87	-13.00	49.87	261	88	Vertical
6	12152.6300	31.00	-37.42	39.09	-62.59	-13.00	49.59	122	269	Vertical



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Test Band = NR NSA 5A-n66A\_ TM1  
 Test Channel = High ANT4

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	41.39	-46.23	29.54	-70.56	-13.00	57.56	236	57	Horizontal
2	5283.2700	39.76	-45.12	32.91	-67.71	-13.00	54.71	215	269	Horizontal
3	7044.3600	40.32	-43.85	36.20	-62.59	-13.00	49.59	185	238	Horizontal
4	8805.4500	37.65	-41.25	38.08	-60.78	-13.00	47.78	145	164	Horizontal
5	10566.5400	33.32	-38.58	39.03	-61.49	-13.00	48.49	126	298	Horizontal
6	12327.6300	30.94	-37.45	39.09	-62.68	-13.00	49.68	299	360	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	41.34	-46.23	29.54	-70.61	-13.00	57.61	214	118	Vertical
2	5283.2700	39.76	-45.12	32.91	-67.71	-13.00	54.71	158	44	Vertical
3	7044.3600	39.47	-43.85	36.20	-63.44	-13.00	50.44	142	254	Vertical
4	8805.4500	36.70	-41.25	38.08	-61.73	-13.00	48.73	163	164	Vertical
5	10566.5400	32.94	-38.58	39.03	-61.87	-13.00	48.87	259	59	Vertical
6	12327.6300	31.00	-37.45	39.09	-62.62	-13.00	49.62	215	104	Vertical



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

**Test Channel = Low ANT0**

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	42.05	-46.28	29.45	-70.04	-13.00	57.04	214	329	Horizontal
2	5133.2700	39.98	-45.34	32.95	-67.67	-13.00	54.67	156	60	Horizontal
3	6844.3600	39.72	-44.14	35.89	-63.79	-13.00	50.79	216	3	Horizontal
4	8555.4500	36.78	-41.46	37.66	-62.28	-13.00	49.28	136	3	Horizontal
5	10266.5400	32.89	-39.23	38.83	-62.77	-13.00	49.77	259	43	Horizontal
6	11977.6300	29.87	-37.51	38.95	-63.96	-13.00	50.96	144	103	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	41.98	-46.28	29.45	-70.11	-13.00	57.11	211	105	Vertical
2	5133.2700	39.77	-45.34	32.95	-67.88	-13.00	54.88	159	283	Vertical
3	6844.3600	40.31	-44.14	35.89	-63.20	-13.00	50.20	145	179	Vertical
4	8555.4500	37.16	-41.46	37.66	-61.90	-13.00	48.90	128	344	Vertical
5	10266.5400	33.48	-39.23	38.83	-62.18	-13.00	49.18	126	255	Vertical
6	11977.6300	30.23	-37.51	38.95	-63.60	-13.00	50.60	231	148	Vertical



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

Test Channel = Mid ANT0

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	41.93	-46.27	29.50	-70.10	-13.00	57.10	145	104	Horizontal
2	5208.2700	41.42	-45.26	32.98	-66.12	-13.00	53.12	128	270	Horizontal
3	6944.3600	39.53	-43.85	36.01	-63.57	-13.00	50.57	184	240	Horizontal
4	8680.4500	37.32	-41.62	37.88	-61.68	-13.00	48.68	175	226	Horizontal
5	10416.5400	33.15	-38.97	38.88	-62.21	-13.00	49.21	126	360	Horizontal
6	12152.6300	30.98	-37.42	39.09	-62.61	-13.00	49.61	253	301	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	42.42	-46.27	29.50	-69.61	-13.00	56.61	255	28	Vertical
2	5208.2700	40.45	-45.26	32.98	-67.09	-13.00	54.09	142	103	Vertical
3	6944.3600	39.43	-43.85	36.01	-63.67	-13.00	50.67	136	357	Vertical
4	8680.4500	37.77	-41.62	37.88	-61.23	-13.00	48.23	256	298	Vertical
5	10416.5400	33.11	-38.97	38.88	-62.25	-13.00	49.25	219	194	Vertical
6	12152.6300	31.96	-37.42	39.09	-61.63	-13.00	48.63	188	360	Vertical



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

**Test Channel = High ANT0**

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	42.06	-46.23	29.54	-69.89	-13.00	56.89	211	352	Horizontal
2	5283.2700	39.86	-45.12	32.91	-67.61	-13.00	54.61	145	135	Horizontal
3	7044.3600	39.68	-43.85	36.20	-63.23	-13.00	50.23	165	16	Horizontal
4	8805.4500	36.29	-41.25	38.08	-62.14	-13.00	49.14	182	352	Horizontal
5	10566.5400	33.20	-38.58	39.03	-61.61	-13.00	48.61	188	269	Horizontal
6	12327.6300	31.34	-37.45	39.09	-62.28	-13.00	49.28	198	16	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	41.97	-46.23	29.54	-69.98	-25.00	44.98	255	360	Vertical
2	5283.2700	39.69	-45.12	32.91	-67.78	-25.00	42.78	142	208	Vertical
3	7044.3600	39.33	-43.85	36.20	-63.58	-25.00	38.58	126	28	Vertical
4	8805.4500	37.52	-41.25	38.08	-60.91	-25.00	35.91	135	57	Vertical
5	10566.5400	32.98	-38.58	39.03	-61.83	-25.00	36.83	188	239	Vertical
6	12327.6300	31.33	-37.45	39.09	-62.29	-25.00	37.29	192	360	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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Rev.: 01

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## Frequency Stability for NSA

### Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	VH	NT	-0.100000	-0.000032	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.600000	-0.006984	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	VL	NT	-6.200000	-0.003417	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	VH	NT	1.800000	0.002306	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	VN	NT	4.500000	0.001394	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	VL	NT	4.200000	0.002407	PASS



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Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.300000	-0.002263	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	-20	1.500000	0.000635	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.300000	-0.002301	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	0	0.800000	0.000458	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.600000	-0.001490	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	20	1.200000	0.000688	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.700000	-0.000401	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.200000	-0.000688	PASS
DC_5A_n66A	15	5+30	DFT-PI2BPSK	M	Outer_Full	NV	50	1.200000	0.000688	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	-30	-2.700000	-0.001547	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	-20	-0.800000	-0.000369	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	-10	-3.500000	-0.004125	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	0	-1.700000	-0.001302	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	10	-0.500000	-0.000254	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	20	-3.200000	-0.002367	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	30	-1.900000	-0.000887	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	40	-3.400000	-0.002584	PASS
DC_5A_n66A	15	5+30	CP-QPSK	M	Outer_Full	NV	50	-1.600000	-0.000235	PASS

---End of Attachment---



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