

Appendix B.26

NR Band n71



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	22.09	16.21	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	21.28	15.4	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	22.18	16.3	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	21.32	15.44	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	22.04	16.16	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	21.16	15.28	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	22.06	16.18	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	21.23	15.35	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	22.16	16.28	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	21.31	15.43	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	22.11	16.23	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	21.18	15.3	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	22.06	16.18	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	21.27	15.39	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	22.25	16.37	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	21.36	15.48	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	22.11	16.23	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	21.25	15.37	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.15	16.27	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	22.2	16.32	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	21.84	15.96	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	22.15	16.27	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	22.26	16.38	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	21.32	15.44	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	21.26	15.38	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	21.33	15.45	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	20.32	14.44	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	19.77	13.89	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	19.84	13.96	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	19.79	13.91	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	17.71	11.83	34.77	PASS



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N71	15	20	DFT-256QAM	L	Inner_1RB_Right	17.77	11.89	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	17.89	12.01	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.31	16.43	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.18	16.3	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	21.73	15.85	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	22.33	16.45	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	22.23	16.35	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	21.27	15.39	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	21.39	15.51	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	21.29	15.41	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	20.27	14.39	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	19.9	14.02	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	19.77	13.89	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	19.75	13.87	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	17.82	11.94	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	17.74	11.86	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.84	11.96	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.2	16.32	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.15	16.27	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	21.78	15.9	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	22.23	16.35	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	22.18	16.3	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	21.27	15.39	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	21.34	15.46	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	21.24	15.36	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	20.25	14.37	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	19.81	13.93	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	19.76	13.88	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	19.78	13.9	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	17.69	11.81	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	17.73	11.85	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	17.85	11.97	34.77	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N71	15	20	DFT-256QAM	L	Outer_Full	6.69	PASS
N71	15	20	CP-256QAM	L	Outer_Full	8.62	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	6.66	PASS
N71	15	20	CP-256QAM	M	Outer_Full	8.57	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	6.72	PASS
N71	15	20	CP-256QAM	H	Outer_Full	8.60	PASS



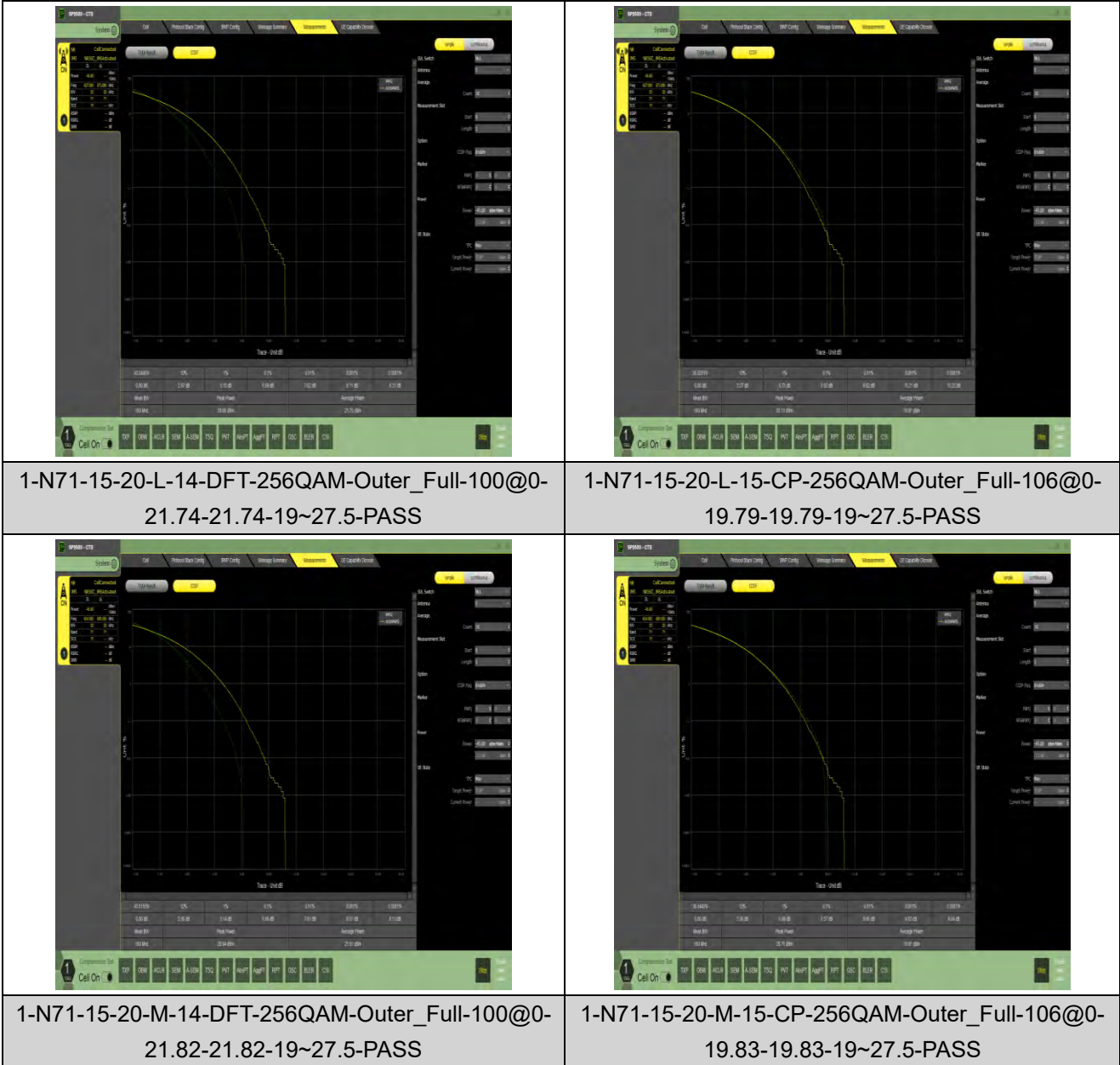
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Test Graphs



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1-N71-15-20-H-14-DFT-256QAM-Outer_Full-100@0-21.74-21.74-19~27.5-PASS



1-N71-15-20-H-15-CP-256QAM-Outer_Full-106@0-19.90-19.90-19~27.5-PASS



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-QPSK	M	Outer_Full	4.504	4.940	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.503	4.920	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.495	4.960	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.512	4.940	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.495	4.920	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.5	4.960	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.496	4.930	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.486	4.970	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.474	4.920	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.906	9.380	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.935	9.480	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.916	9.460	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.927	9.480	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.916	9.440	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.268	9.800	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.292	9.860	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.288	9.820	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.269	9.800	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.436	14.370	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.449	14.310	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.409	14.340	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.453	14.280	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.437	14.310	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.114	15.030	PASS
N71	15	15	CP-16QAM	M	Outer_Full	14.119	15.060	PASS
N71	15	15	CP-64QAM	M	Outer_Full	14.132	15.120	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.127	15.000	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.84	18.840	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.897	18.880	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.843	18.800	PASS



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N71	15	20	DFT-64QAM	M	Outer_Full	17.876	18.800	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.835	18.840	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.918	19.920	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.894	20.000	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.95	19.960	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.89	19.960	PASS



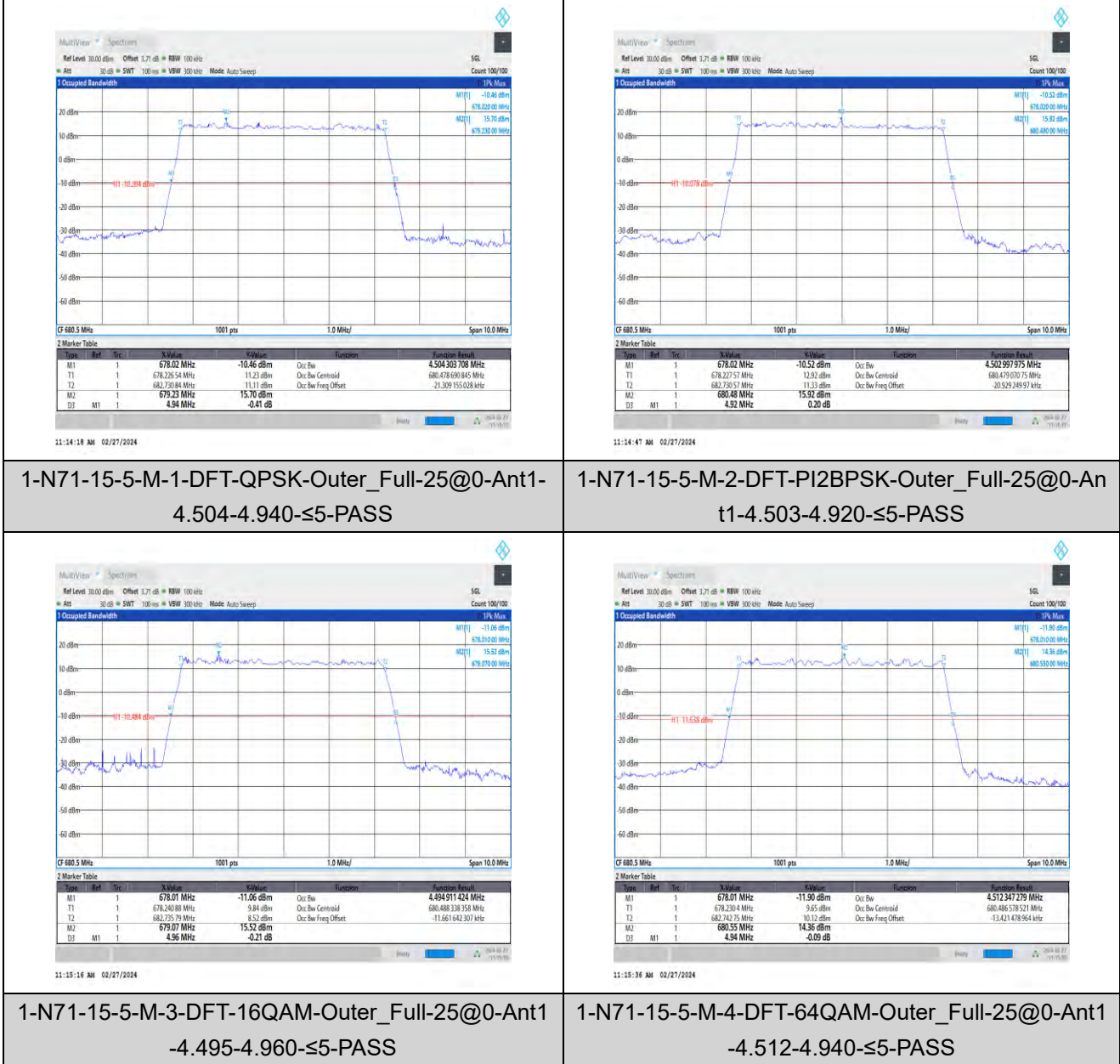
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Test Graphs

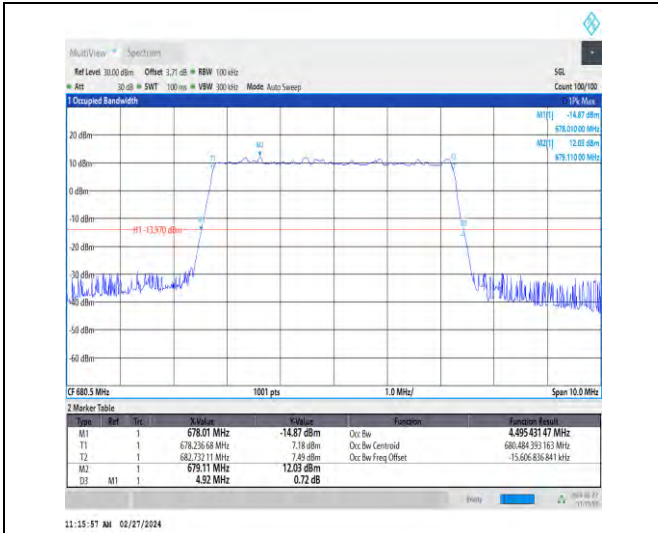


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1-N71-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.495-4.920-≤5-PASS

1-N71-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4
.5-4.960-≤5-PASS



1-N71-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.496-4.930-≤5-PASS

1-N71-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.486-4.970-≤5-PASS



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1-N71-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1
-4.474-4.920-≤5-PASS



1-N71-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
-8.906-9.380-≤10-PASS



1-N71-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1
-8.935-9.480-≤10-PASS



1-N71-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1
-8.916-9.460-≤10-PASS



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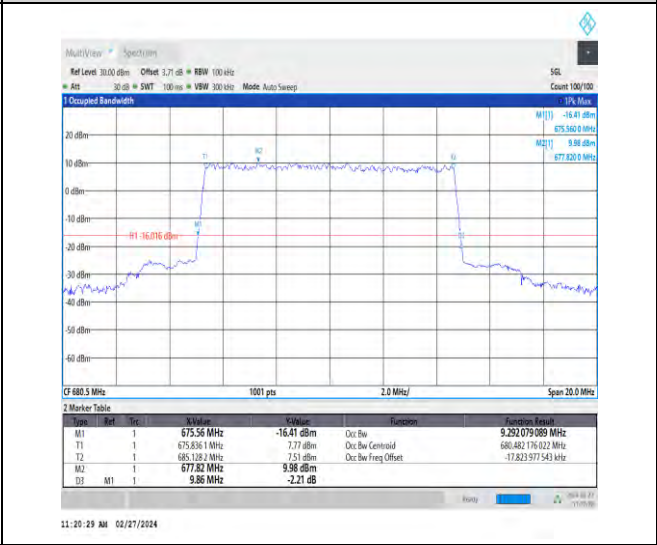
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1-N71-15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.916-9.440-≤10-PASS



1-N71-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-
9.268-9.800-≤10-PASS



1-N71-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant
1-9.292-9.860-≤10-PASS



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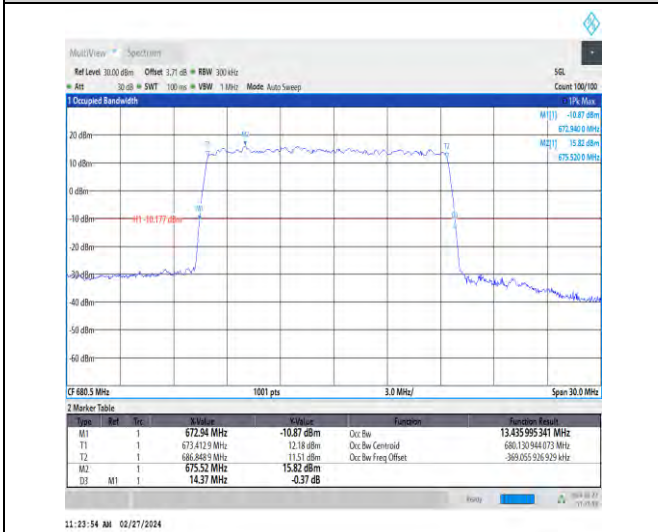
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1-N71-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1
-9.288-9.820-≤10-PASS

1-N71-15-10-M-9-CP-256QAM-Outer_Full-52@0-An
t1-9.269-9.800-≤10-PASS



1-N71-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1
-13.436-14.370-≤15-PASS

1-N71-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-A
nt1-13.449-14.310-≤15-PASS



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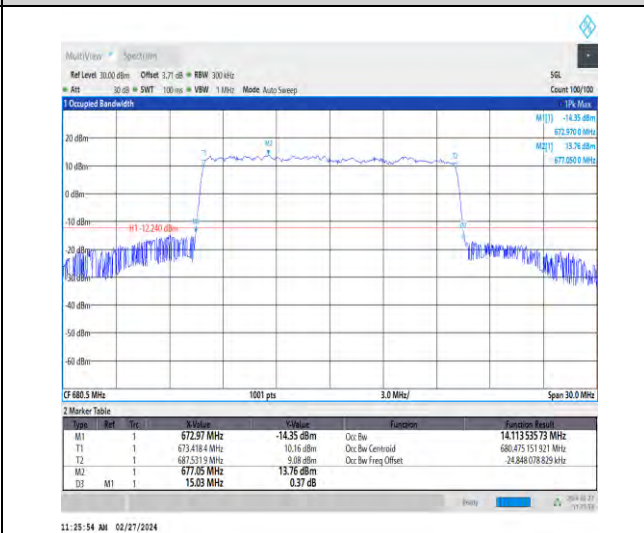
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1-N71-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-13.453-14.280-≤15-PASS



1-N71-15-15-M-5-DFT-256QAM-Outer_Full-75@0-A
nt1-13.437-14.310-≤15-PASS



1-N71-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1
14.114-15.030-≤15-PASS

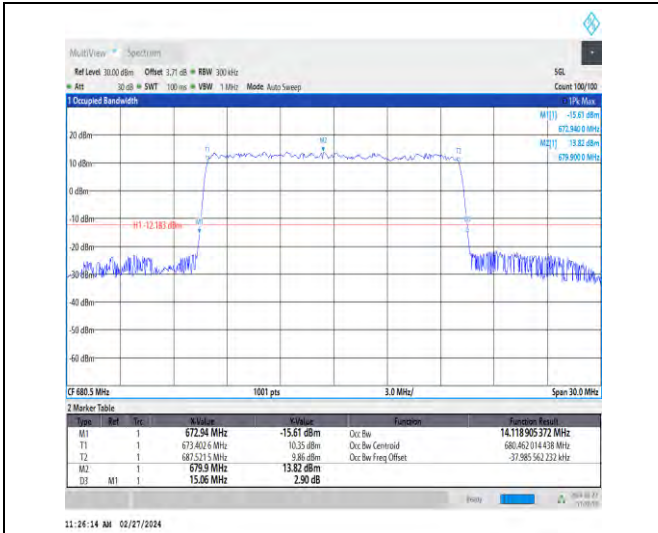


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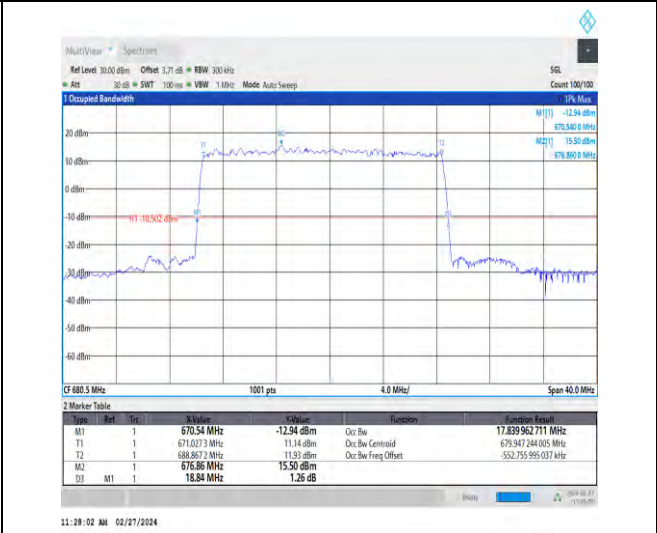
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-14.119-15.060-≤15-PASS



1-N71-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant
1-14.132-15.120-≤15-PASS



1-N71-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant
1-14.127-15.000-≤15-PASS



1-N71-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.84-18.840-≤20-PASS



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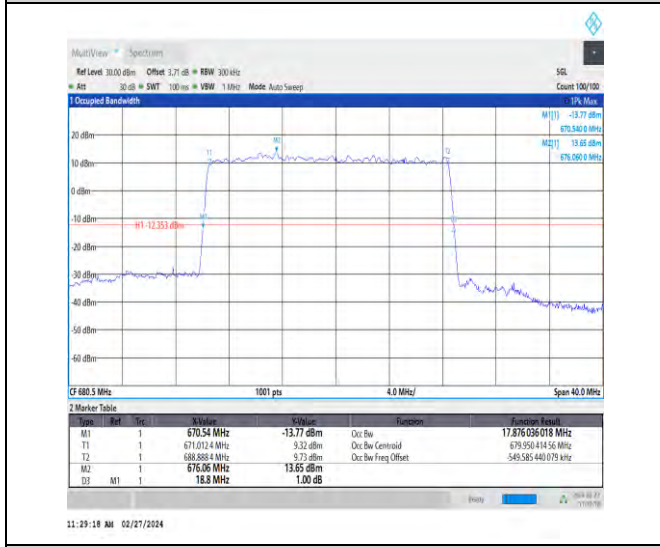
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1-N71-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.897-18.880-≤20-PASS

1-N71-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.843-18.800-≤20-PASS



1-N71-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.876-18.800-≤20-PASS

1-N71-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.835-18.840-≤20-PASS



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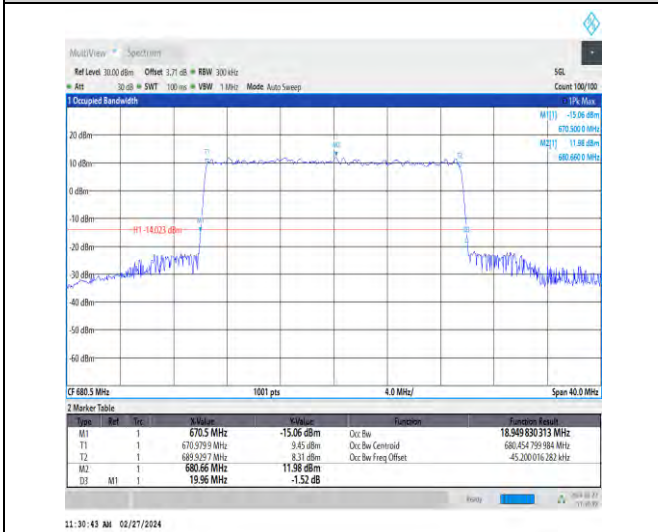
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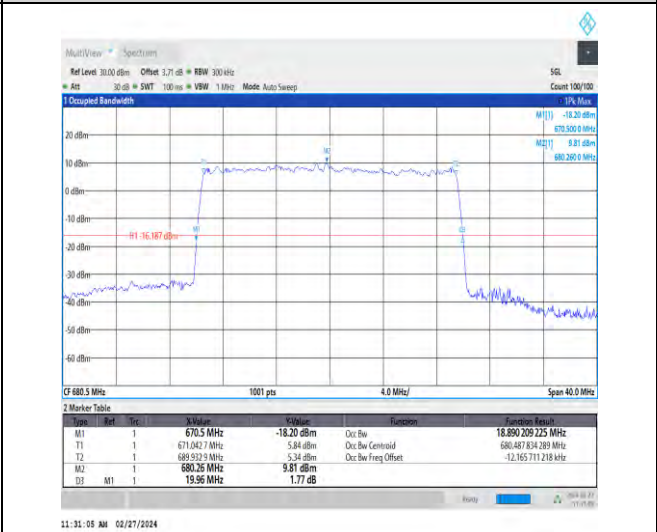
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1-N71-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1
-18.894-20.000-≤20-PASS



1-N71-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1
1-18.95-19.960-≤20-PASS



1-N71-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1
-18.89-19.960-≤20-PASS



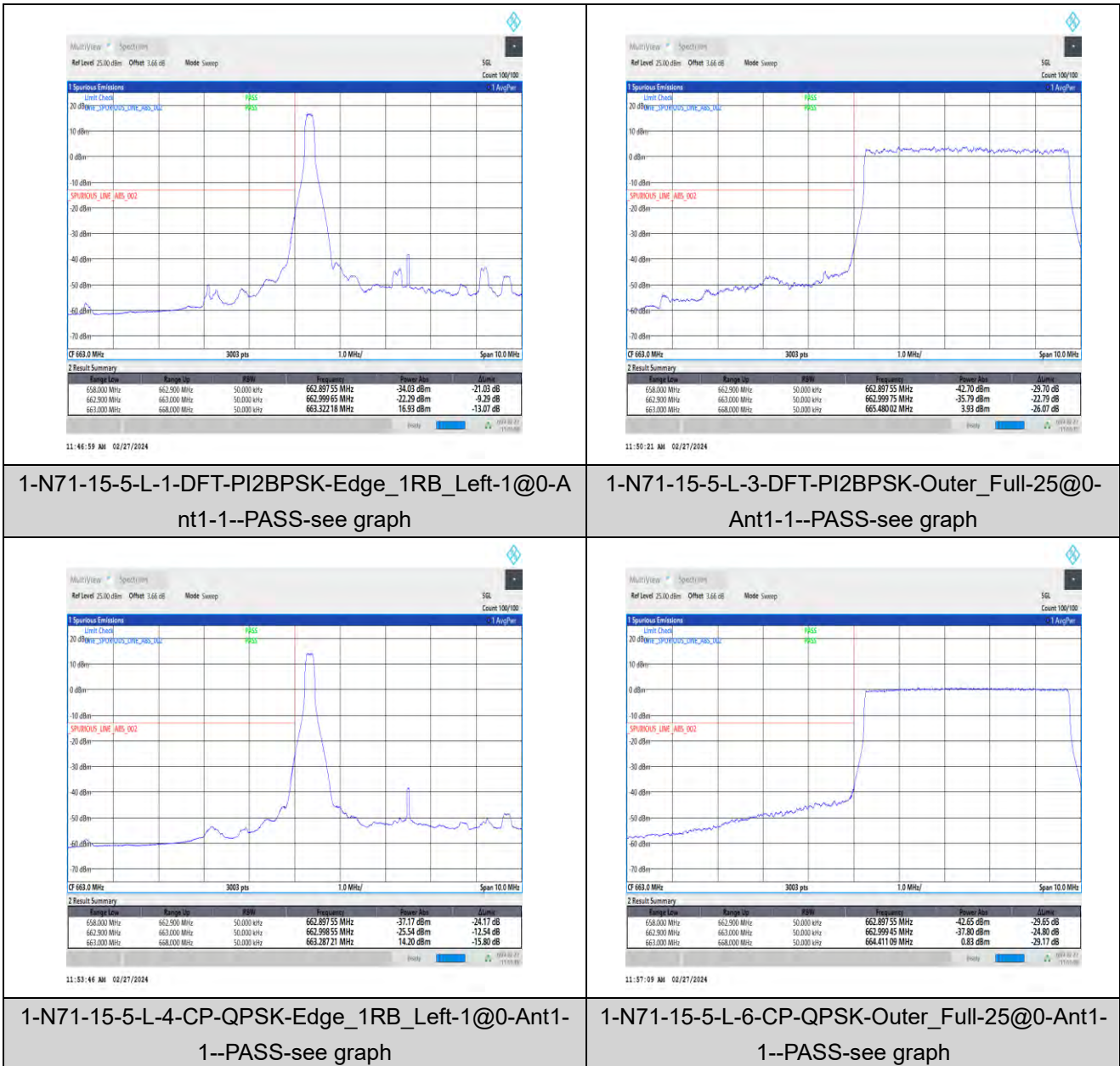
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Test Graphs



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1-N71-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
4-Ant1-1--PASS-see graph



1-N71-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



1-N71-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



1-N71-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



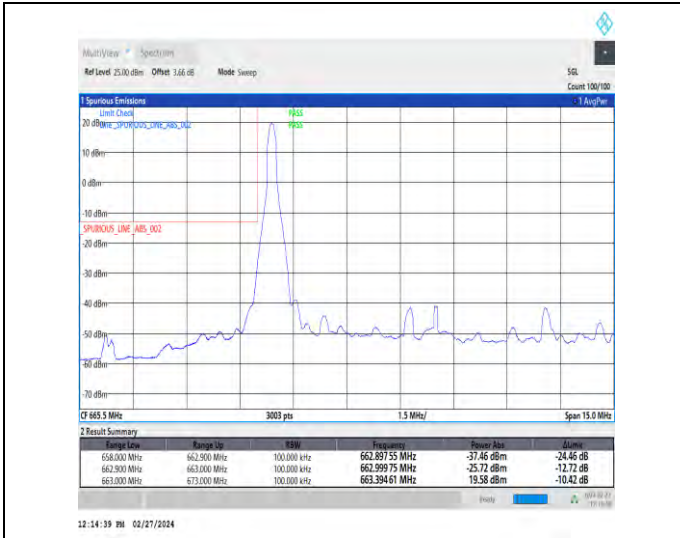
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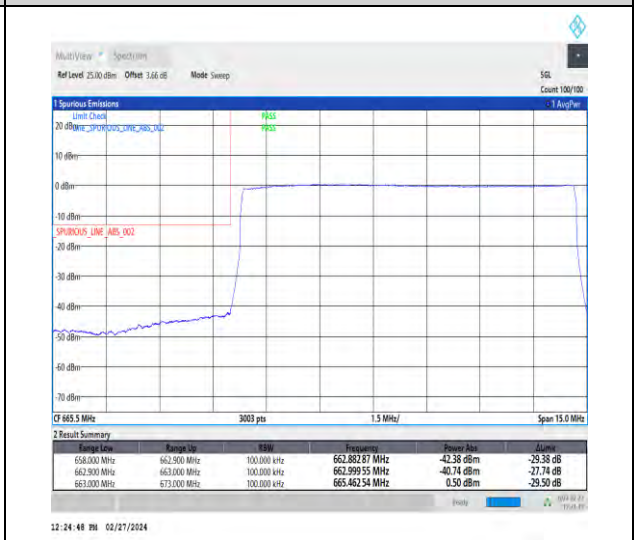
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1-N71-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N71-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



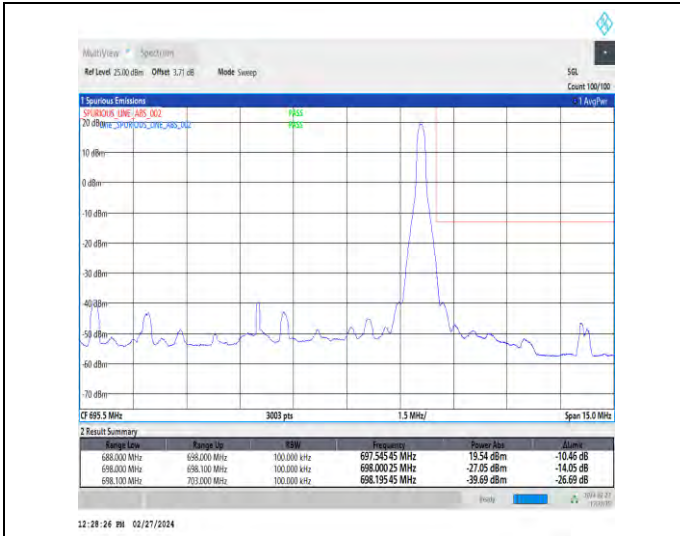
1-N71-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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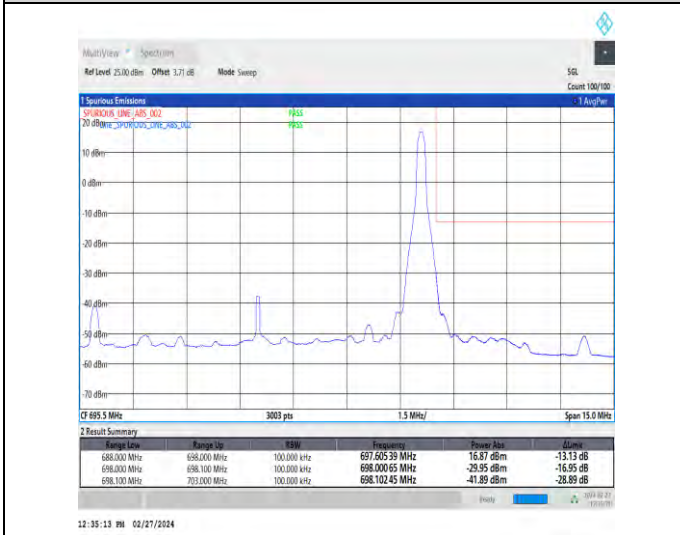
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1-N71-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph

1-N71-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N71-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph



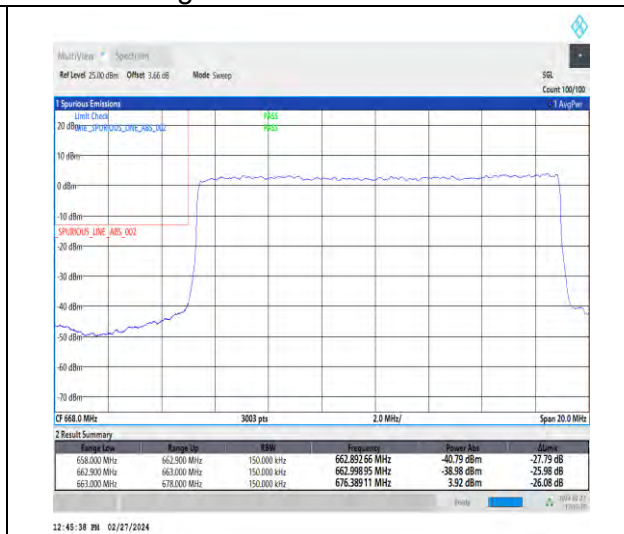
1-N71-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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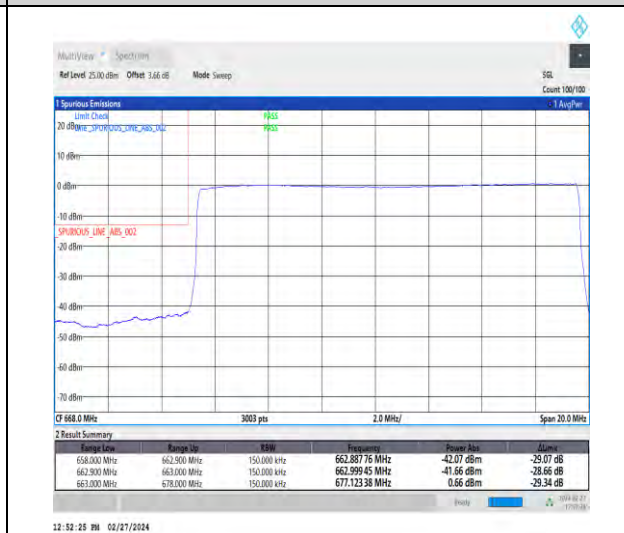


1-N71-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N71-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N71-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



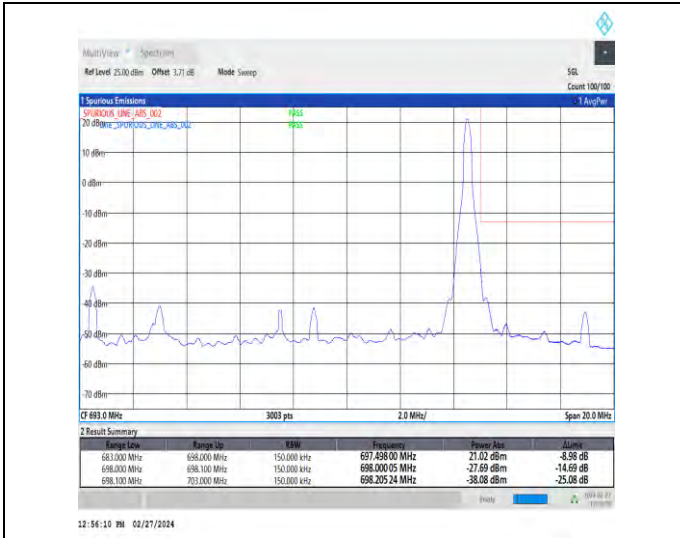
1-N71-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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1-N71-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph

1-N71-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N71-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph

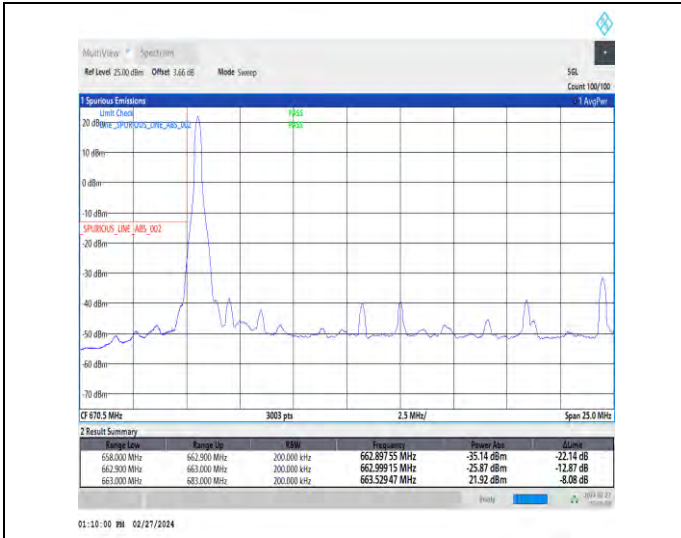
1-N71-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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1-N71-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N71-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



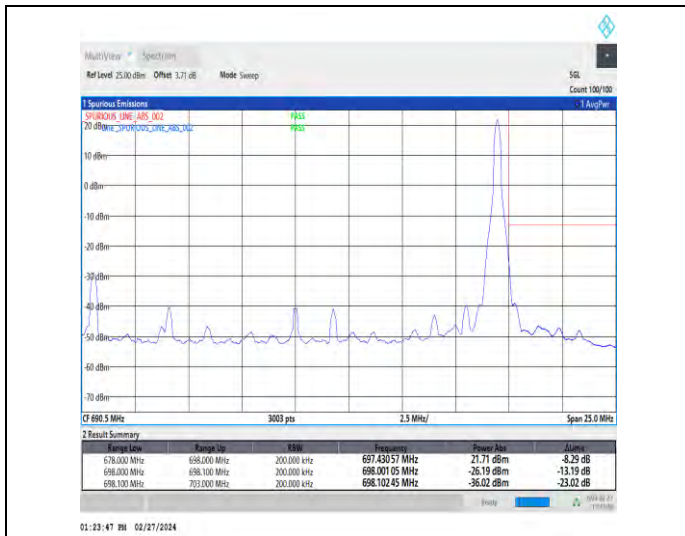
1-N71-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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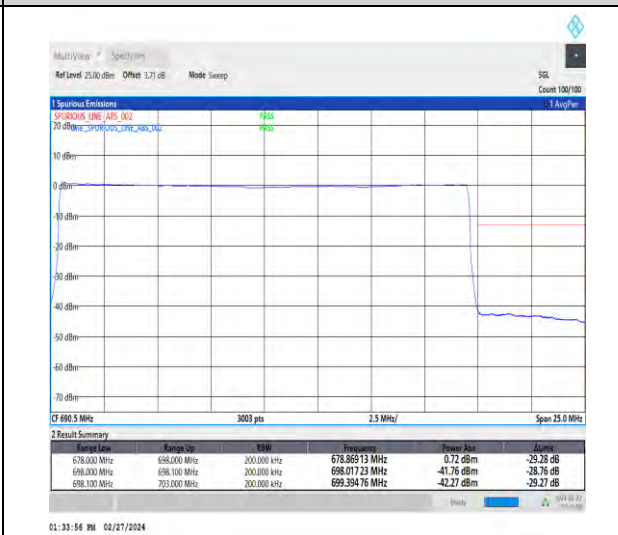
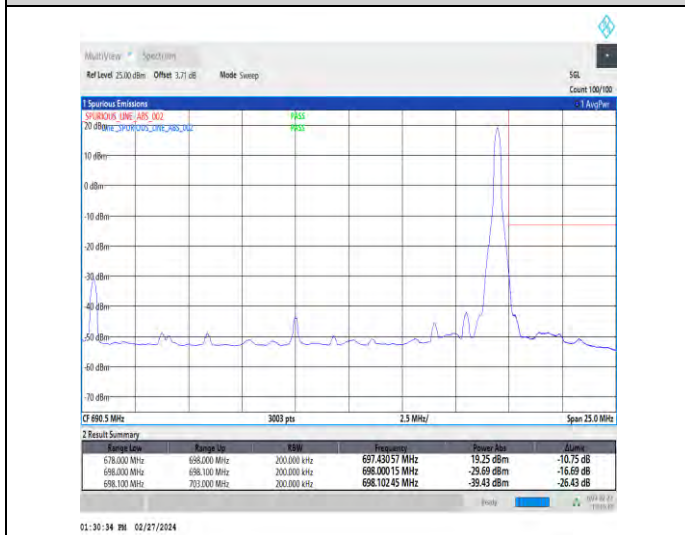
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1-N71-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph

1-N71-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N71-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph

1-N71-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



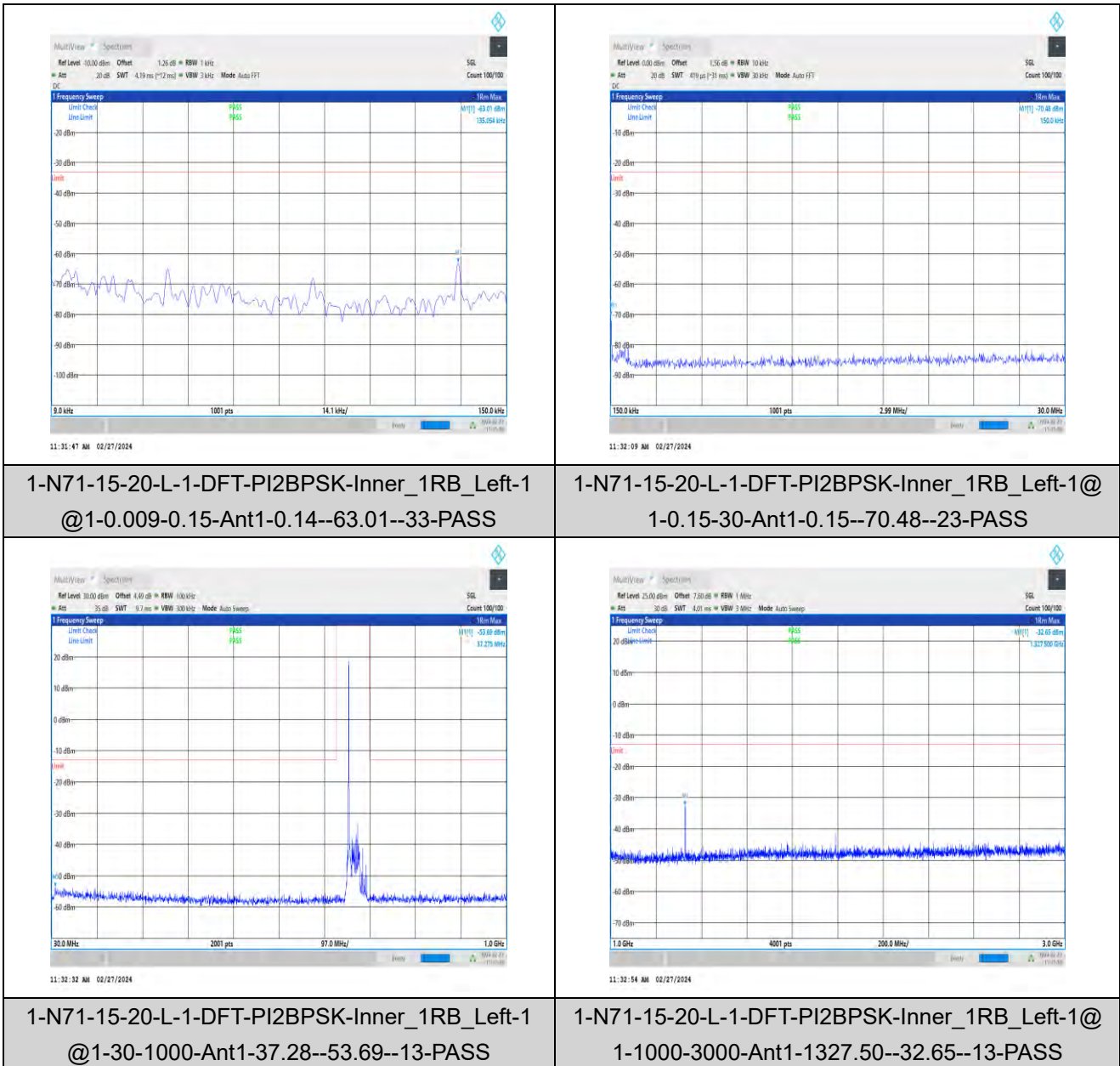
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Conducted Spurious Emission for SA

Test Graphs



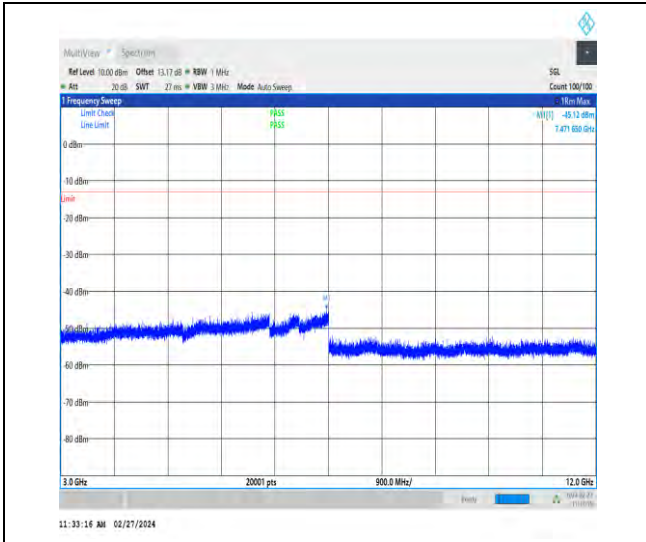
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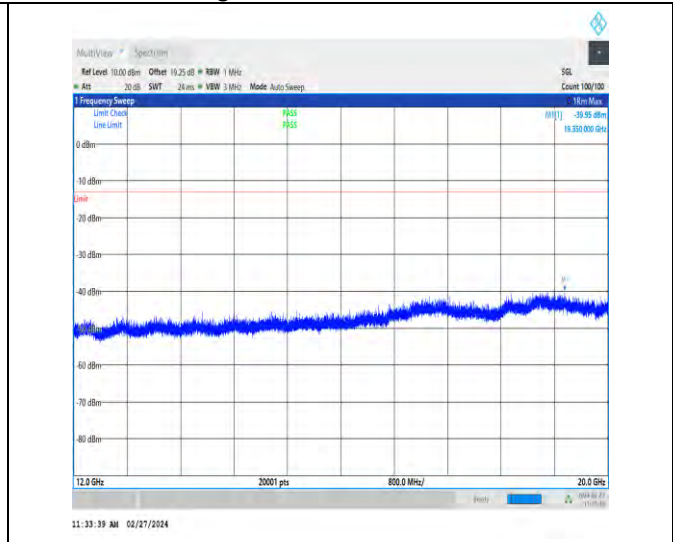
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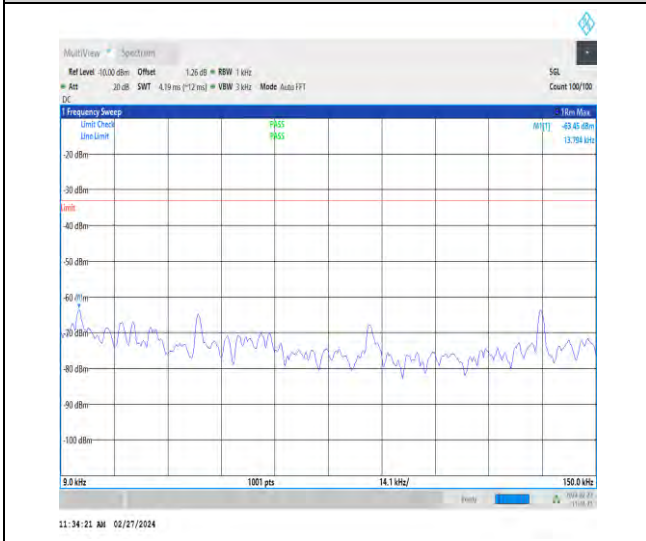
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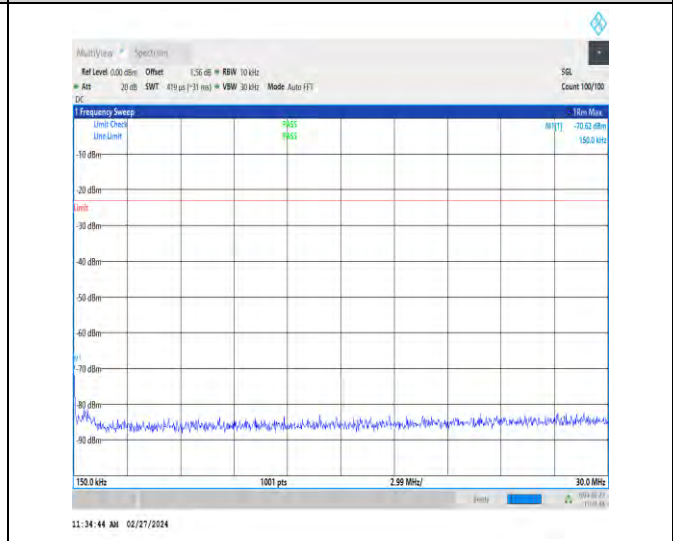
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1-N71-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-12000-20000-Ant1-19350.00--39.95--13-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.009-0.15-Ant1-0.01--63.45--33-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-0.15--70.62--23-PASS

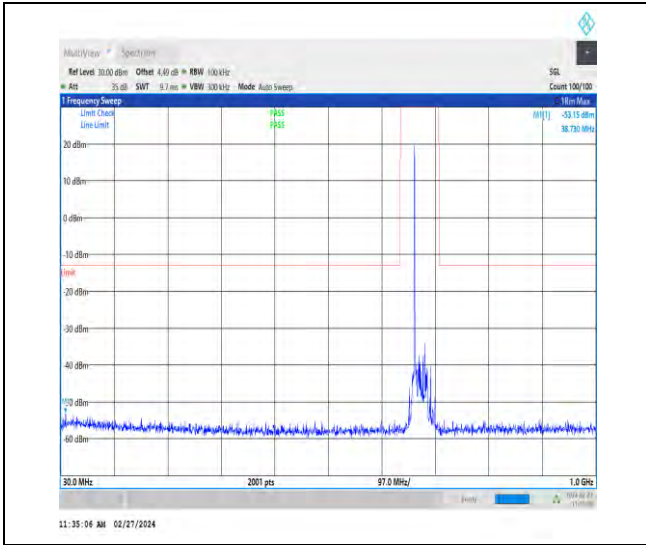


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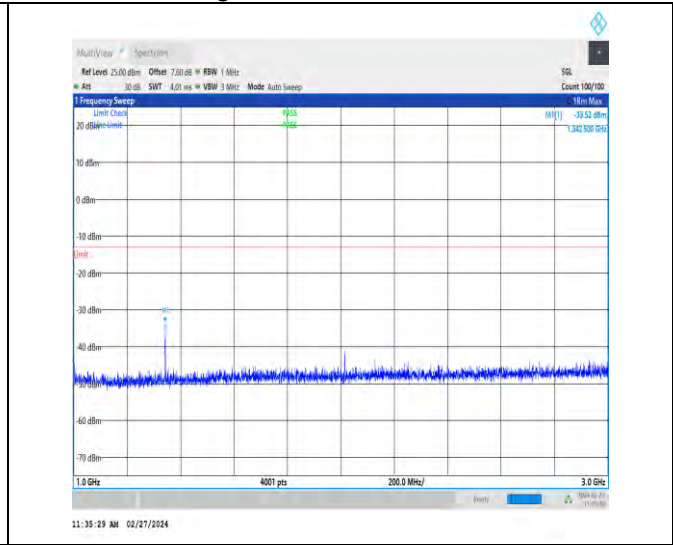
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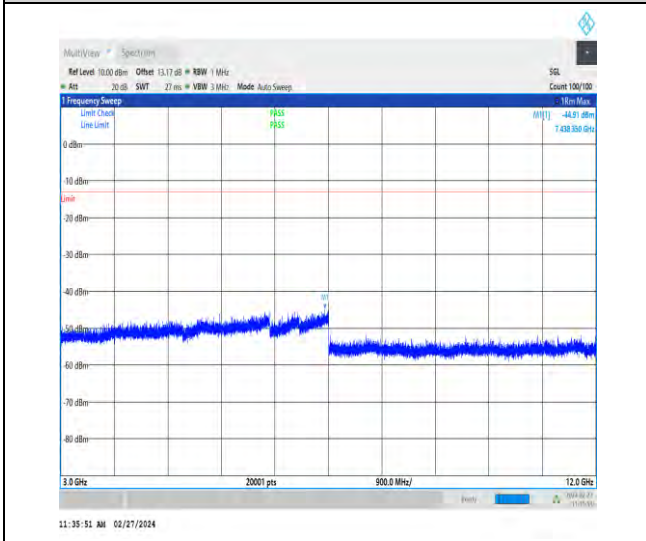
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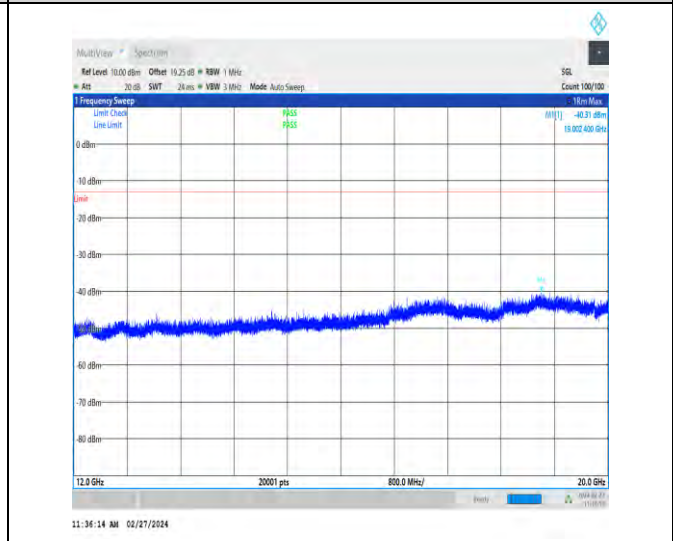
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1-N71-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
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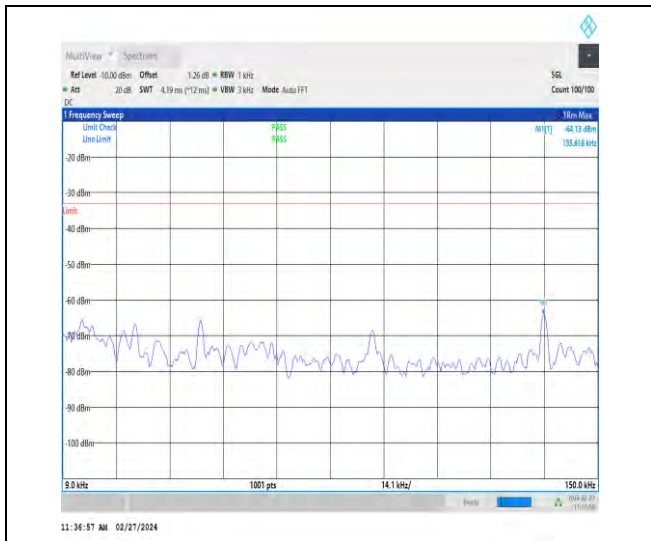


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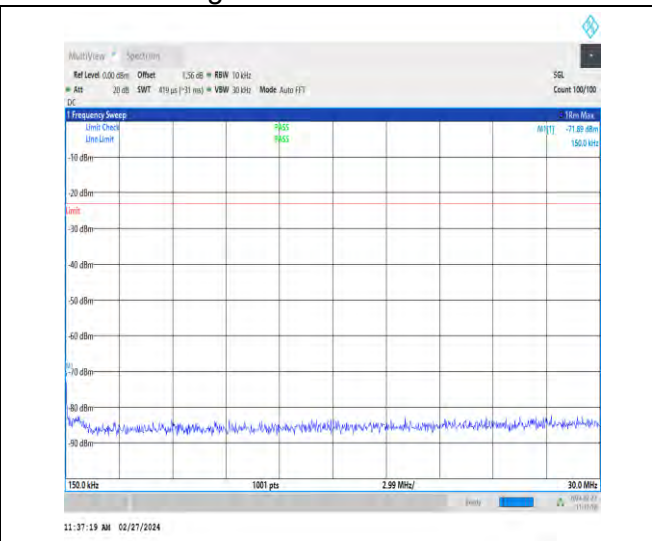
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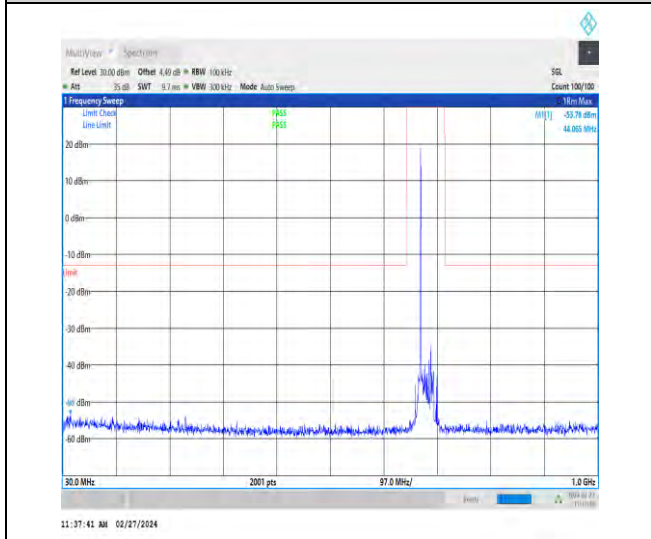
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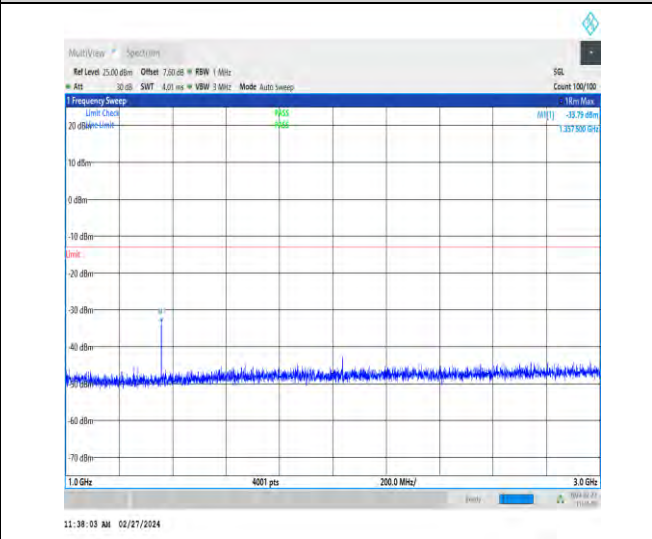
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1-N71-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-0.15--71.89--23-PASS



1-N71-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-30-1000-Ant1-44.07--53.78--13-PASS



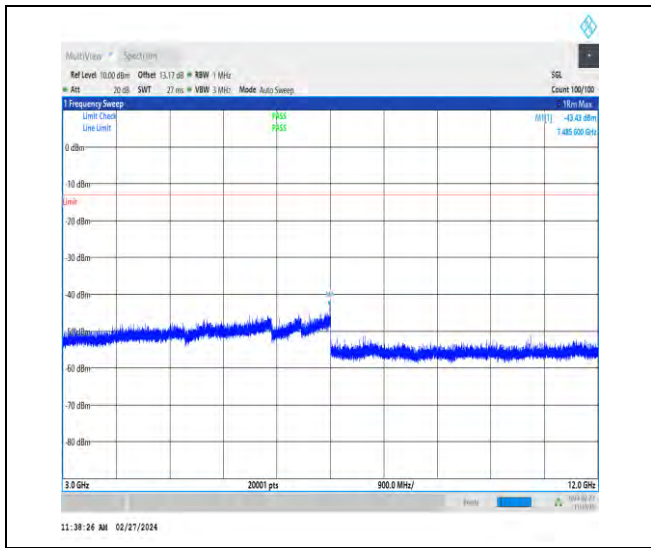
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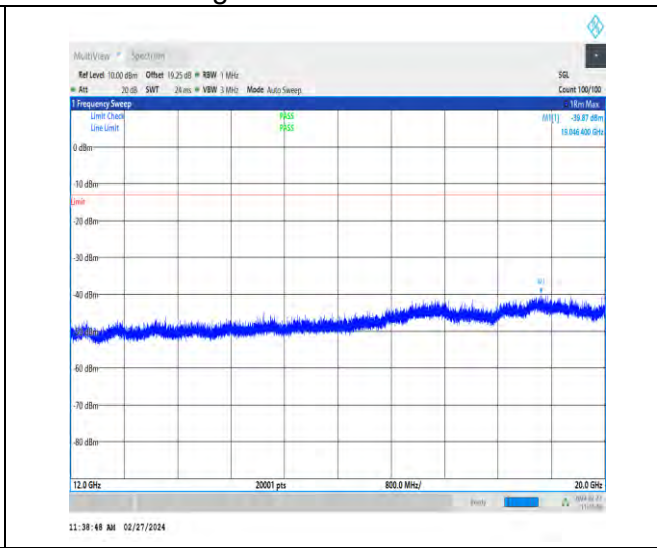
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1-N71-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
 @1-3000-12000-Ant1-7485.60--43.43--13-PASS



1-N71-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-12000-20000-Ant1-19046.40--39.87--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA_N71

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327	58.08	-53.89	25.76	-65.31	-13.00	52.31	Horizontal
2	1990.5	97.77	-52.61	26.67	-23.43	-13.00	10.43	Horizontal
3	3318.5	68.66	-49.72	30.33	-45.99	-13.00	32.99	Horizontal
4	3982	65.40	-47.95	31.03	-46.78	-13.00	33.78	Horizontal
5	5972.5	69.14	-44.91	34.45	-36.58	-13.00	23.58	Horizontal
6	9953.5	50.33	-39.57	38.79	-45.71	-13.00	32.71	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327	57.32	-53.89	25.76	-66.07	-13.00	53.07	Vertical
2	1990.5	94.10	-52.61	26.67	-27.10	-13.00	14.10	Vertical
3	3317.5	62.53	-49.72	30.35	-52.10	-13.00	39.10	Vertical
4	5131	51.71	-44.21	33.56	-54.20	-13.00	41.20	Vertical
5	7921.5	50.38	-42.34	37.44	-49.78	-13.00	36.78	Vertical
6	9511.5	49.63	-40.09	39.18	-46.54	-13.00	33.54	Vertical



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Test Band = SA_N71

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2013	98.76	-52.56	26.88	-22.18	-13.00	9.18	Horizontal
2	3355.5	68.20	-49.72	29.71	-47.07	-13.00	34.07	Horizontal
3	4025.5	62.76	-48.25	31.00	-49.75	-13.00	36.75	Horizontal
4	6039	60.78	-43.98	34.42	-44.04	-13.00	31.04	Horizontal
5	8051.5	51.21	-41.62	37.60	-48.07	-13.00	35.07	Horizontal
6	9503	49.66	-40.14	39.19	-46.55	-13.00	33.55	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2013	86.12	-52.56	26.88	-34.82	-13.00	21.82	Vertical
2	3355	63.73	-49.72	29.71	-51.54	-13.00	38.54	Vertical
3	4026	58.39	-48.25	31.00	-54.12	-13.00	41.12	Vertical
4	4697.5	53.80	-45.47	31.81	-55.12	-13.00	42.12	Vertical
5	6040	52.78	-43.96	34.42	-52.02	-13.00	39.02	Vertical
6	7381	50.97	-42.63	36.84	-50.08	-13.00	37.08	Vertical



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Test Band = SA_N71

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2035.5	103.58	-52.28	27.01	-16.95	-13.00	3.95	Horizontal
2	3393	68.67	-49.70	29.79	-46.50	-13.00	33.50	Horizontal
3	4071.5	75.96	-48.37	30.81	-36.86	-13.00	23.86	Horizontal
4	5428.5	56.30	-44.35	33.27	-50.04	-13.00	37.04	Horizontal
5	7463.5	57.54	-42.77	36.67	-43.82	-13.00	30.82	Horizontal
6	9506	49.47	-40.12	39.19	-46.72	-13.00	33.72	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2035.5	101.78	-52.28	27.01	-18.75	-13.00	5.75	Vertical
2	3393.5	62.47	-49.70	29.79	-52.70	-13.00	39.70	Vertical
3	4071.5	68.26	-48.37	30.81	-44.56	-13.00	31.56	Vertical
4	4749.5	58.66	-45.11	32.20	-49.51	-13.00	36.51	Vertical
5	7087	50.28	-43.34	36.74	-51.58	-13.00	38.58	Vertical
6	9517	49.51	-40.06	39.17	-46.64	-13.00	33.64	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) - Pre-amplifier (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
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.800000	-0.005584	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-1.400000	-0.002057	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.500000	-0.002204	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-2.200000	-0.003233	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.900000	-0.001323	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	-2.200000	-0.003233	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.800000	-0.005584	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-2.900000	-0.004262	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.600000	-0.003821	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-1.000000	-0.001470	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-1.300000	-0.001910	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-0.900000	-0.001323	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.500000	-0.002204	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.000000	-0.001470	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.500000	-0.005143	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-3.300000	-0.004849	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-1.000000	-0.001470	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.700000	-0.002498	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-0.900000	-0.001323	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.500000	-0.002204	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-3.700000	-0.005437	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.400000	-0.000588	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-4.000000	-0.005878	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.500000	-0.005143	PASS

---End of Attachment---



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