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Appendix B.28

NR Band n7



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.12	24.54	33	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.02	24.44	33	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	22.63	24.05	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	23.27	24.69	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	23.31	24.73	33	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	22.12	23.54	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	21.89	23.31	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	21.93	23.35	33	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	21.12	22.54	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	20.44	21.86	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	20.54	21.96	33	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	20.56	21.98	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	18.69	20.11	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	18.79	20.21	33	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	18.69	20.11	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.08	24.5	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.02	24.44	33	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	22.58	24	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	23.23	24.65	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Right	23.19	24.61	33	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	22.14	23.56	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	21.82	23.24	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	21.85	23.27	33	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	21.1	22.52	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	20.46	21.88	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Right	20.38	21.8	33	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	20.6	22.02	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	18.8	20.22	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	18.83	20.25	33	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	18.65	20.07	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.83	24.25	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.04	24.46	33	PASS



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N7	15	5	DFT-PI2BPSK	H	Outer_Full	22.51	23.93	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	23.04	24.46	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	23.29	24.71	33	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	22.05	23.47	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	21.71	23.13	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	21.96	23.38	33	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	20.95	22.37	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	20.31	21.73	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	20.45	21.87	33	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	20.47	21.89	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Left	18.61	20.03	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	18.84	20.26	33	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	18.59	20.01	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.25	24.67	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.36	24.78	33	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	23.02	24.44	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	23.2	24.62	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	23.33	24.75	33	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	22.23	23.65	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	21.83	23.25	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	22.04	23.46	33	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	21.29	22.71	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	20.48	21.9	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	20.69	22.11	33	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	20.74	22.16	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	18.74	20.16	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	18.93	20.35	33	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	18.83	20.25	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	20.39	21.81	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.02	24.44	33	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	22.67	24.09	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	23.23	24.65	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Right	23.24	24.66	33	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	22.16	23.58	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	21.94	23.36	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	21.83	23.25	33	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	21.16	22.58	33	PASS



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N7	15	10	DFT-64QAM	M	Inner_1RB_Left	20.44	21.86	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Right	20.45	21.87	33	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	20.63	22.05	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	18.83	20.25	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	18.81	20.23	33	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	18.75	20.17	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.92	24.34	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.01	24.43	33	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	22.5	23.92	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	23.01	24.43	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	23.32	24.74	33	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	21.98	23.4	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	21.74	23.16	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	22.02	23.44	33	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	20.99	22.41	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	20.33	21.75	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	20.54	21.96	33	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	20.41	21.83	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Left	18.62	20.04	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	18.84	20.26	33	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	18.56	19.98	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.05	24.47	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.18	24.6	33	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	22.83	24.25	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	23.26	24.68	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	23.37	24.79	33	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	22.33	23.75	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	21.98	23.4	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	21.63	23.05	33	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	21.25	22.67	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	20.36	21.78	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	20.45	21.87	33	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	20.32	21.74	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	18.96	20.38	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	18.45	19.87	33	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	18.32	19.74	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.1	24.52	33	PASS



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N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.03	24.45	33	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	22.67	24.09	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Left	23.16	24.58	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Right	23.19	24.61	33	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	22.18	23.6	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	21.92	23.34	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	21.91	23.33	33	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	21.17	22.59	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	20.36	21.78	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	20.43	21.85	33	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	20.68	22.1	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	18.78	20.2	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Right	18.84	20.26	33	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	18.74	20.16	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	22.89	24.31	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.03	24.45	33	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	22.5	23.92	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	23.02	24.44	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	23.3	24.72	33	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	22.03	23.45	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	21.85	23.27	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	22.01	23.43	33	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	21.05	22.47	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	20.3	21.72	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	20.63	22.05	33	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	20.5	21.92	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Left	18.65	20.07	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	18.88	20.3	33	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	18.59	20.01	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.99	24.41	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.18	24.6	33	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	22.81	24.23	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	23.22	24.64	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	23.25	24.67	33	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	22.3	23.72	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	22.02	23.44	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Right	22.04	23.46	33	PASS



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N7	15	20	DFT-16QAM	L	Outer_Full	21.32	22.74	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	20.5	21.92	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Right	20.5	21.92	33	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	20.86	22.28	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	18.8	20.22	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	18.77	20.19	33	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	18.92	20.34	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.11	24.53	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.07	24.49	33	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	22.59	24.01	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	23.2	24.62	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Right	23.25	24.67	33	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	22.15	23.57	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	21.94	23.36	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	21.63	23.05	33	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	20.85	22.27	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	20.63	22.05	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	20.45	21.87	33	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	20.36	21.78	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	18.84	20.26	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	18.79	20.21	33	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	18.7	20.12	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.89	24.31	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.07	24.49	33	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	22.45	23.87	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	23.02	24.44	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	23.28	24.7	33	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	21.96	23.38	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	21.77	23.19	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	22.12	23.54	33	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	20.98	22.4	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	20.37	21.79	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	20.67	22.09	33	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	20.4	21.82	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Left	18.66	20.08	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	18.99	20.41	33	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	18.58	20	33	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N7	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.48	≤13	PASS
N7	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.58	≤13	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.50	≤13	PASS
N7	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.41	≤13	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	9.13	≤13	PASS
N7	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.56	≤13	PASS



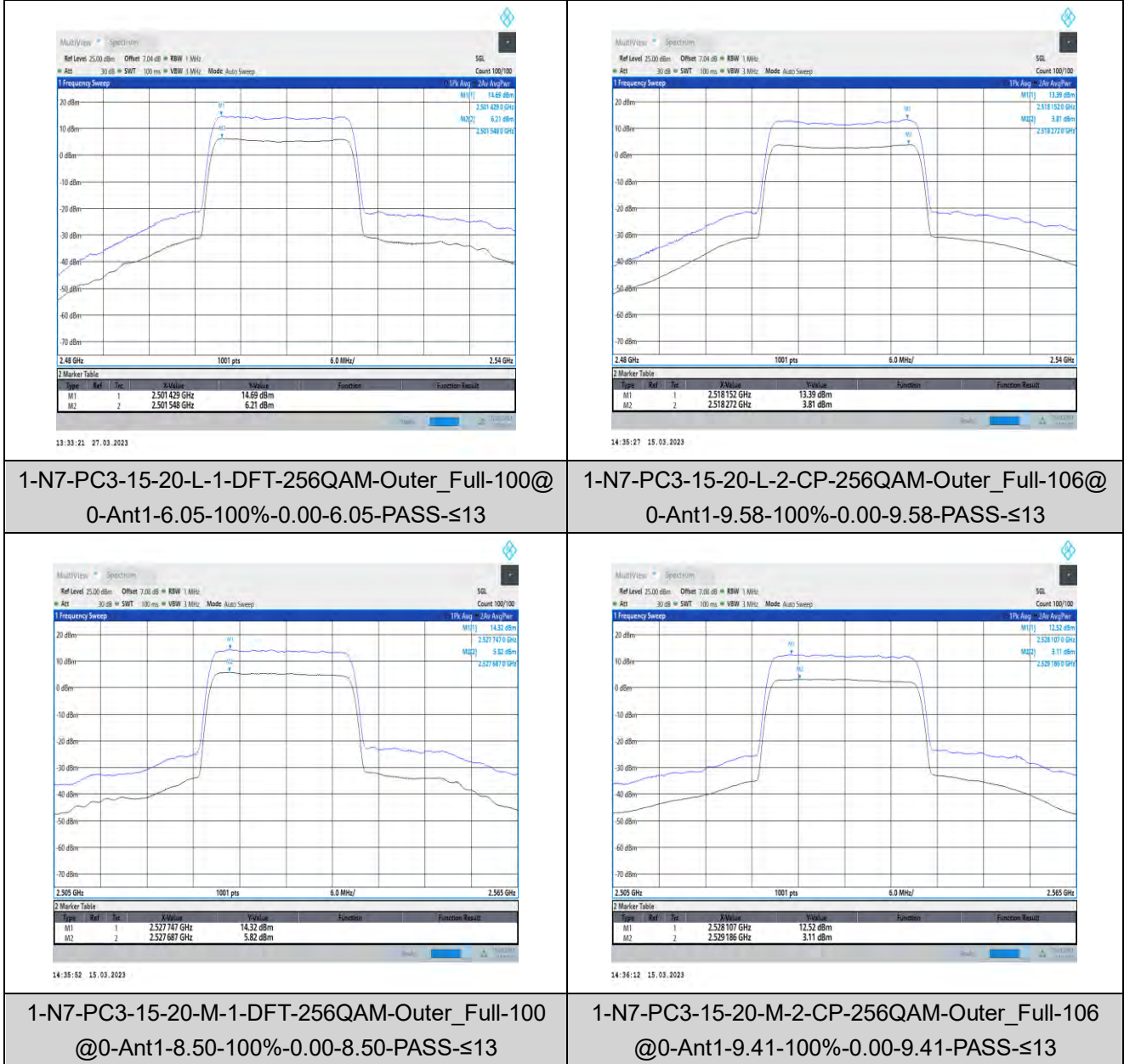
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Test Graphs



1-N7-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100@
0-Ant1-6.05-100%-0.00-6.05-PASS-≤13

1-N7-PC3-15-20-L-2-CP-256QAM-Outer_Full-106@
0-Ant1-9.58-100%-0.00-9.58-PASS-≤13

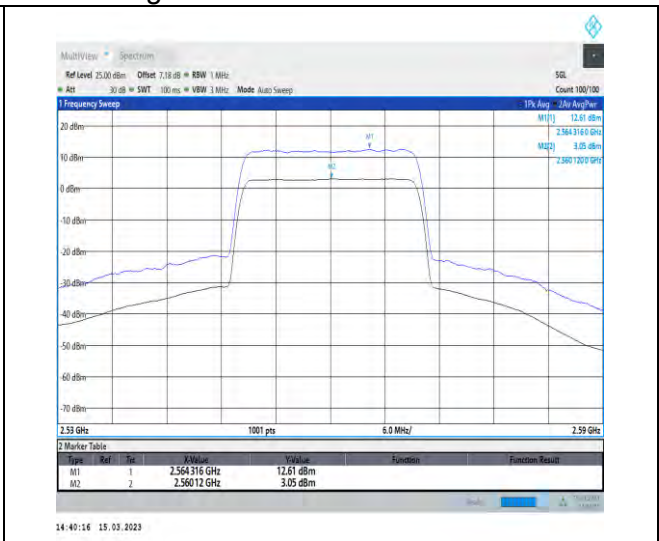
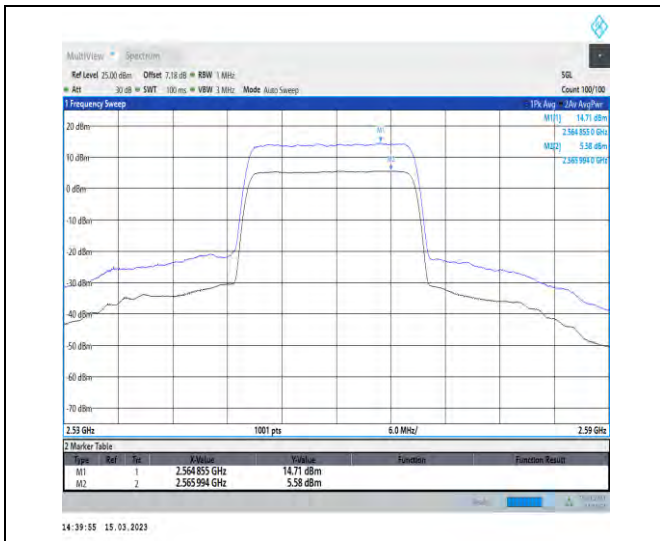
1-N7-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.50-100%-0.00-8.50-PASS-≤13

1-N7-PC3-15-20-M-2-CP-256QAM-Outer_Full-106
@0-Ant1-9.41-100%-0.00-9.41-PASS-≤13



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1-N7-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100 @0-Ant1-9.13-100%-0.00-9.13-PASS-≤13

1-N7-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@ 0-Ant1-9.56-100%-0.00-9.56-PASS-≤13



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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N7	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N7	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N7	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N7	15	20	CP-256QAM	M	Outer_Full	see graph	PASS

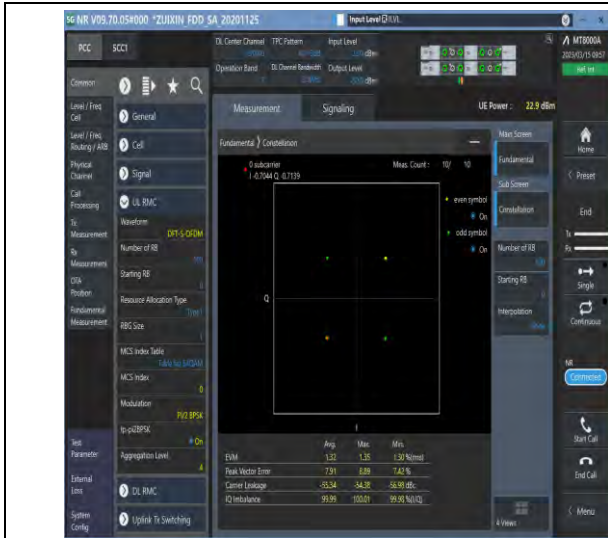


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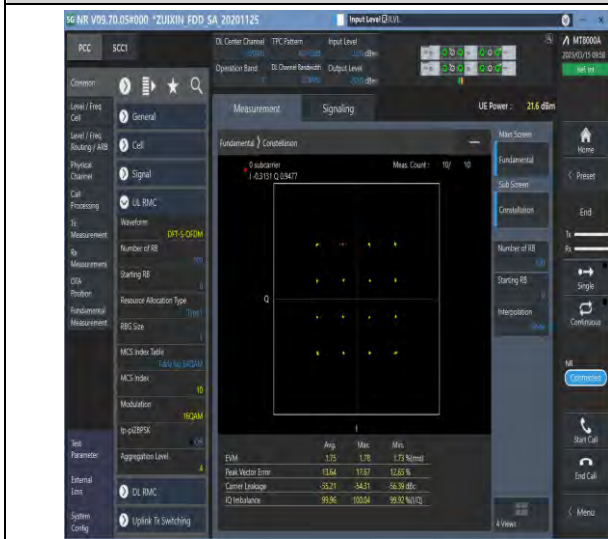
Test Graphs



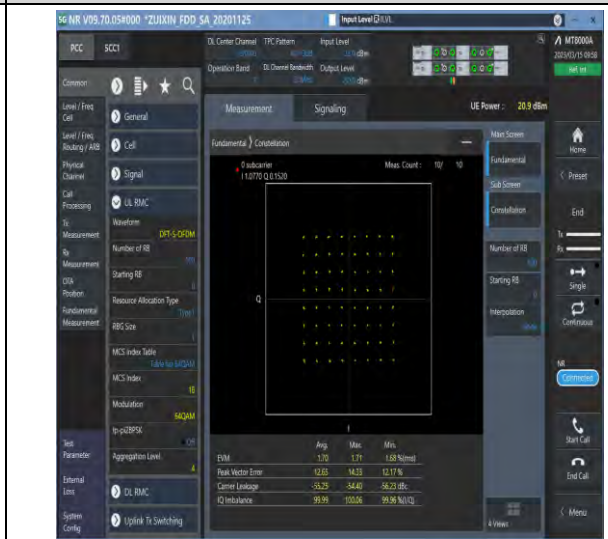
1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full-100 @0-Ant1-see graph-PASS



1-N7-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@ 0-Ant1-see graph-PASS



1-N7-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@ 0-Ant1-see graph-PASS

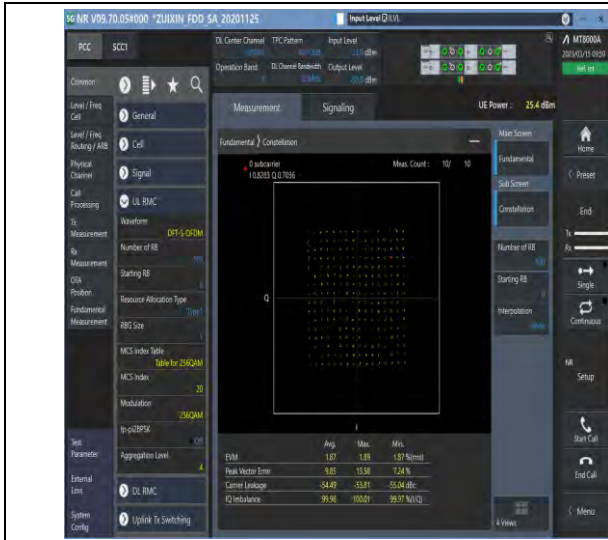


1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100 @0-Ant1-see graph-PASS

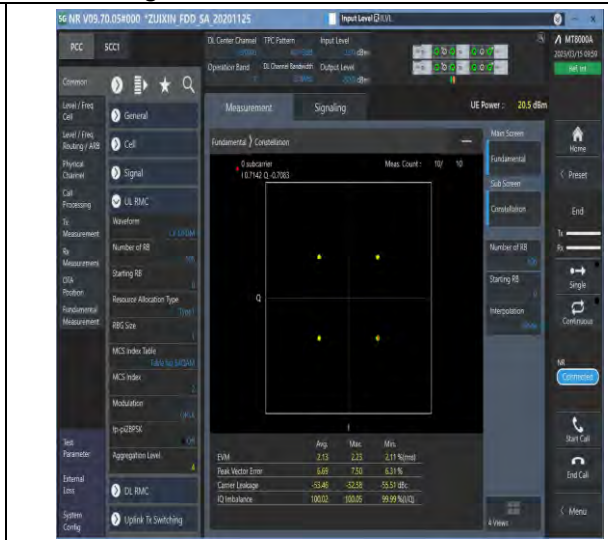


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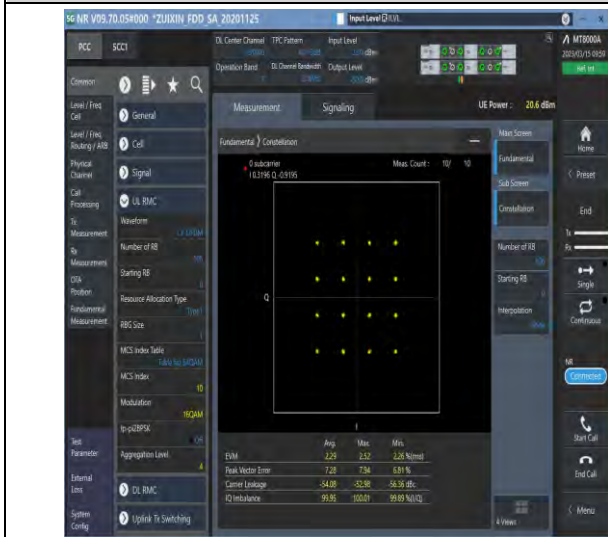
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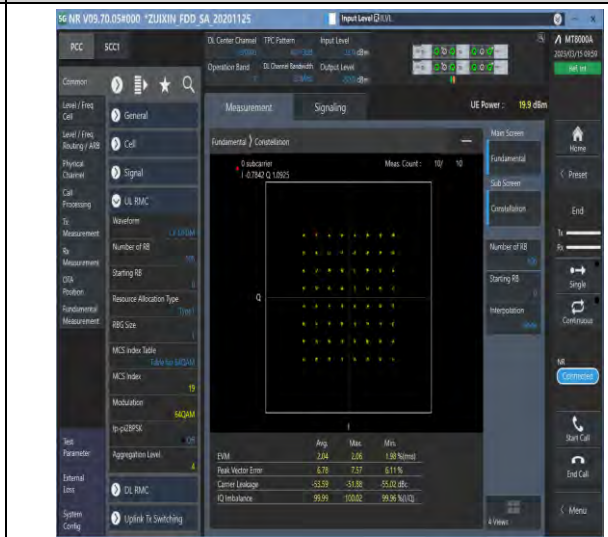
1-N7-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100 @0-Ant1-see graph-PASS



1-N7-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS



1-N7-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS

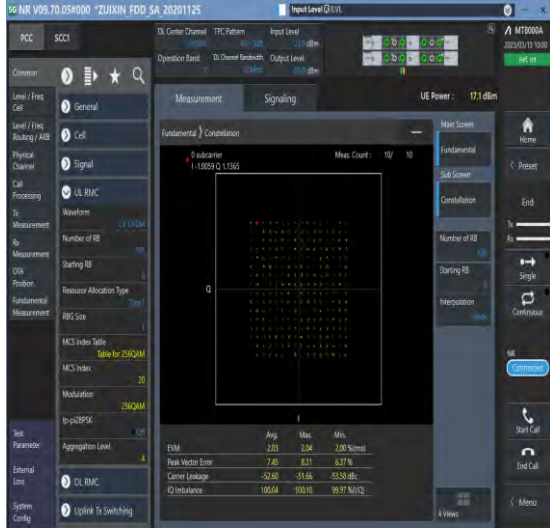


1-N7-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-see graph-PASS



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The screenshot shows a software interface for signal measurement. The main display area contains a constellation diagram with a grid and data points. To the left is a navigation menu with categories like 'Common', 'Level / Freq', 'Physical Channel', 'Call Processing', 'Measurement', 'CSK', 'Fundamental Measurement', 'Test Parameter', 'External Item', and 'System Config'. The right side has a 'Main Screen' panel with options for 'Fundamental', 'Sub Screen', 'Constellation', 'Number of RB', 'Starting RB', and 'Interpolation'. At the bottom, there is a table of measurement results:

	Avg	Max	Min
EVM	2.61	2.94	2.00 %
Peak Vector Error	7.46	8.31	6.37 %
Carrier Leakage	-52.60	-51.66	-53.58 dBc
IQ imbalance	100.64	100.16	99.97 %/1Q

1-N7-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@
0-Ant1-see graph-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
N7	15	5	DFT-QPSK	L	Outer_Full	4.458	4.780	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	4.461	4.820	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	4.493	4.770	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	4.471	4.840	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	4.465	4.800	PASS
N7	15	5	CP-QPSK	L	Outer_Full	4.465	4.870	PASS
N7	15	5	CP-16QAM	L	Outer_Full	4.469	4.850	PASS
N7	15	5	CP-64QAM	L	Outer_Full	4.466	4.850	PASS
N7	15	5	CP-256QAM	L	Outer_Full	4.47	4.800	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.463	4.830	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.453	4.790	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.468	4.820	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.476	4.820	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.447	4.820	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.465	4.830	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.486	4.890	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.471	4.800	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.476	4.810	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	4.458	4.810	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	4.447	4.750	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	4.465	4.820	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	4.47	4.820	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	4.467	4.790	PASS
N7	15	5	CP-QPSK	H	Outer_Full	4.46	4.860	PASS
N7	15	5	CP-16QAM	H	Outer_Full	4.474	4.800	PASS
N7	15	5	CP-64QAM	H	Outer_Full	4.479	4.870	PASS
N7	15	5	CP-256QAM	H	Outer_Full	4.475	4.790	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	8.961	9.420	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	8.953	9.440	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	8.95	9.380	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	8.933	9.400	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	8.942	9.420	PASS



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N7	15	10	CP-QPSK	L	Outer_Full	9.296	9.780	PASS
N7	15	10	CP-16QAM	L	Outer_Full	9.307	9.780	PASS
N7	15	10	CP-64QAM	L	Outer_Full	9.293	9.740	PASS
N7	15	10	CP-256QAM	L	Outer_Full	9.302	9.800	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.948	9.420	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.936	9.440	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.922	9.380	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.911	9.380	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.925	9.420	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.272	9.740	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.296	9.780	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.307	9.800	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.294	9.720	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	8.904	9.340	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	8.925	9.360	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	8.912	9.380	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	8.907	9.360	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	8.917	9.400	PASS
N7	15	10	CP-QPSK	H	Outer_Full	9.271	9.780	PASS
N7	15	10	CP-16QAM	H	Outer_Full	9.312	9.780	PASS
N7	15	10	CP-64QAM	H	Outer_Full	9.275	9.800	PASS
N7	15	10	CP-256QAM	H	Outer_Full	9.307	9.780	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	13.466	14.160	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	13.441	14.070	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	13.457	14.070	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	13.451	14.040	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	13.448	14.130	PASS
N7	15	15	CP-QPSK	L	Outer_Full	14.182	14.820	PASS
N7	15	15	CP-16QAM	L	Outer_Full	14.154	14.850	PASS
N7	15	15	CP-64QAM	L	Outer_Full	14.153	15.120	PASS
N7	15	15	CP-256QAM	L	Outer_Full	14.118	14.850	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.415	14.100	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.426	14.160	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.419	14.040	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.409	14.070	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.412	14.070	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.125	14.790	PASS



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N7	15	15	CP-16QAM	M	Outer_Full	14.147	14.880	PASS
N7	15	15	CP-64QAM	M	Outer_Full	14.089	14.820	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.111	14.820	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	13.41	14.130	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	13.407	14.100	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	13.419	14.070	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	13.413	14.100	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	13.435	14.100	PASS
N7	15	15	CP-QPSK	H	Outer_Full	14.144	14.880	PASS
N7	15	15	CP-16QAM	H	Outer_Full	14.108	14.760	PASS
N7	15	15	CP-64QAM	H	Outer_Full	14.112	14.760	PASS
N7	15	15	CP-256QAM	H	Outer_Full	14.102	14.820	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	17.914	18.640	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	17.924	18.680	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	17.933	18.560	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	17.931	18.720	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	17.942	18.760	PASS
N7	15	20	CP-QPSK	L	Outer_Full	18.964	19.760	PASS
N7	15	20	CP-16QAM	L	Outer_Full	18.995	19.760	PASS
N7	15	20	CP-64QAM	L	Outer_Full	18.963	19.680	PASS
N7	15	20	CP-256QAM	L	Outer_Full	19.01	19.760	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.866	18.560	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.836	18.560	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.871	18.600	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.865	18.640	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.869	18.720	PASS
N7	15	20	CP-QPSK	M	Outer_Full	18.875	19.800	PASS
N7	15	20	CP-16QAM	M	Outer_Full	18.934	19.800	PASS
N7	15	20	CP-64QAM	M	Outer_Full	18.959	19.840	PASS
N7	15	20	CP-256QAM	M	Outer_Full	18.96	19.720	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	17.885	18.680	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	17.867	18.520	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	17.89	18.680	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	17.852	18.560	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	17.906	18.640	PASS
N7	15	20	CP-QPSK	H	Outer_Full	18.959	19.720	PASS
N7	15	20	CP-16QAM	H	Outer_Full	18.972	19.760	PASS



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N7	15	20	CP-64QAM	H	Outer_Full	18.919	19.680	PASS
N7	15	20	CP-256QAM	H	Outer_Full	18.941	19.800	PASS

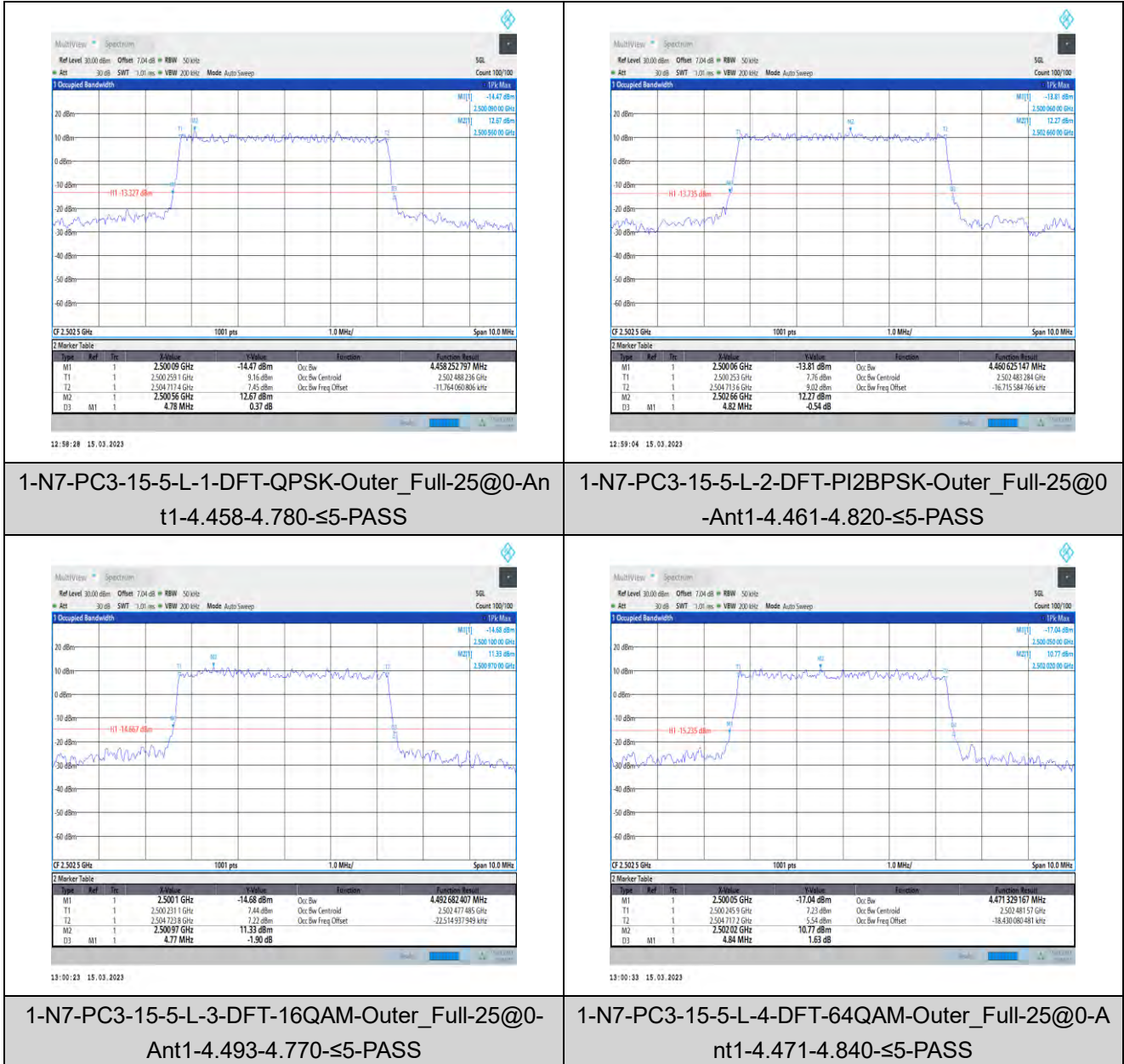


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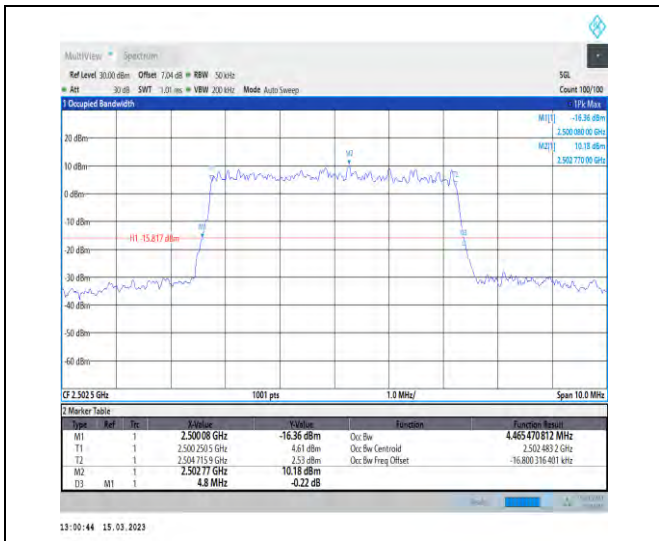
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Test Graphs



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1-N7-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.465-4.800-≤5-PASS



1-N7-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.465-4.870-≤5-PASS



1-N7-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.469-4.850-≤5-PASS



1-N7-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.466-4.850-≤5-PASS



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1-N7-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.47-4.800-≤5-PASS

1-N7-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.463-4.830-≤5-PASS



1-N7-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.453-4.790-≤5-PASS

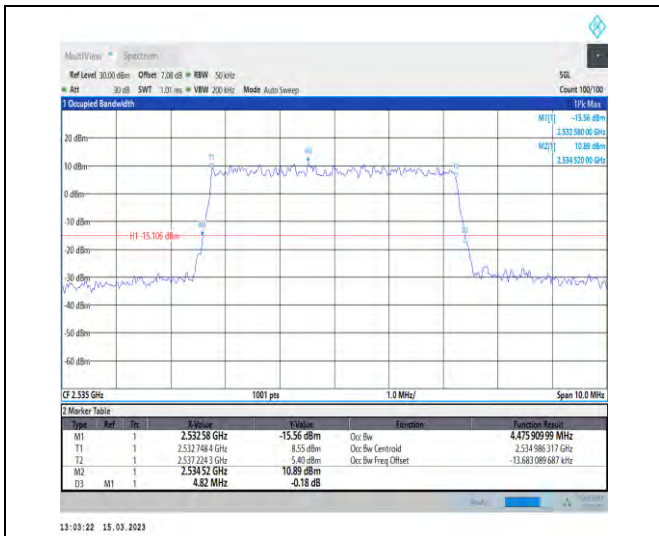
1-N7-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.468-4.820-≤5-PASS



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1-N7-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.476-4.820-≤5-PASS

1-N7-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.447-4.820-≤5-PASS



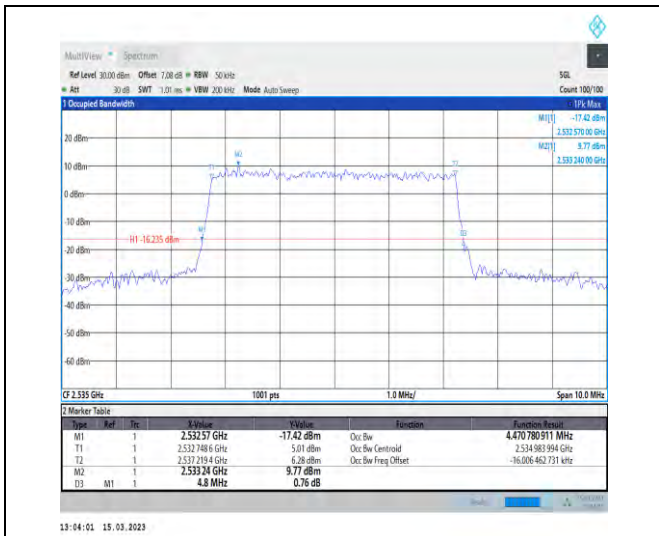
1-N7-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.465-4.830-≤5-PASS

1-N7-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.486-4.890-≤5-PASS



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1-N7-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-A
 nt1-4.471-4.800-≤5-PASS



1-N7-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-A
 Ant1-4.476-4.810-≤5-PASS



1-N7-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-A
 nt1-4.458-4.810-≤5-PASS

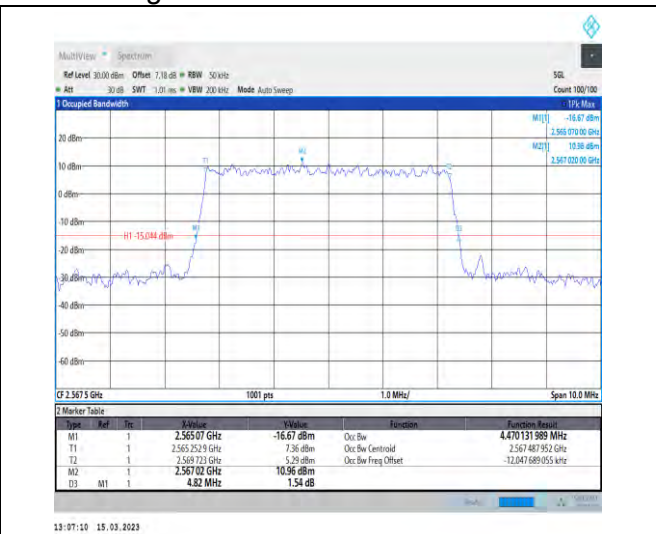
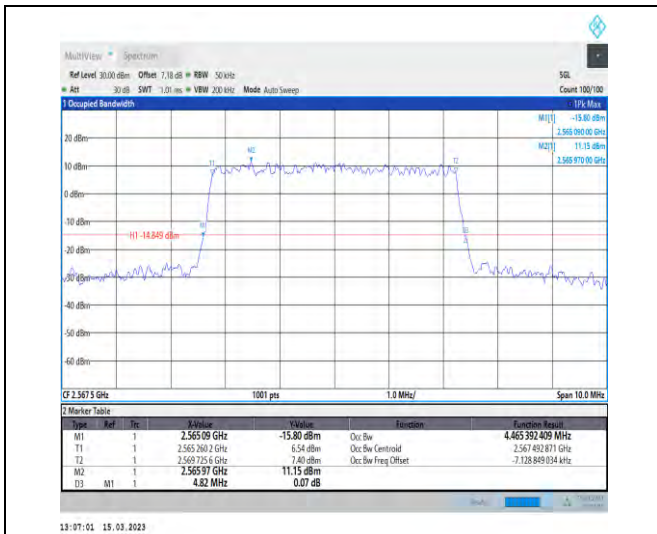


1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-A
 -Ant1-4.447-4.750-≤5-PASS



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1-N7-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.465-4.820-≤5-PASS

1-N7-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.47-4.820-≤5-PASS



1-N7-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.467-4.790-≤5-PASS

1-N7-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.46-4.860-≤5-PASS



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1-N7-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-A
 nt1-4.474-4.800-≤5-PASS



1-N7-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-A
 nt1-4.479-4.870-≤5-PASS



1-N7-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-A
 Ant1-4.475-4.790-≤5-PASS



1-N7-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-A
 nt1-8.961-9.420-≤10-PASS



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1-N7-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@
0-Ant1-8.953-9.440-≤10-PASS



1-N7-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-
Ant1-8.95-9.380-≤10-PASS



1-N7-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-
Ant1-8.933-9.400-≤10-PASS

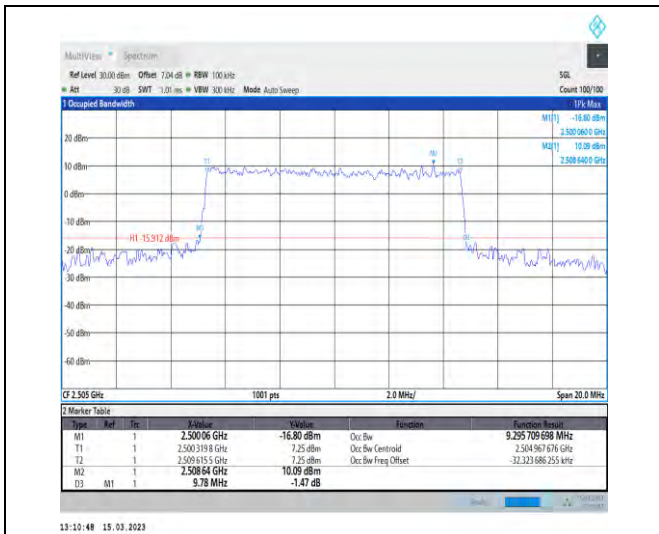


1-N7-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@
0-Ant1-8.942-9.420-≤10-PASS

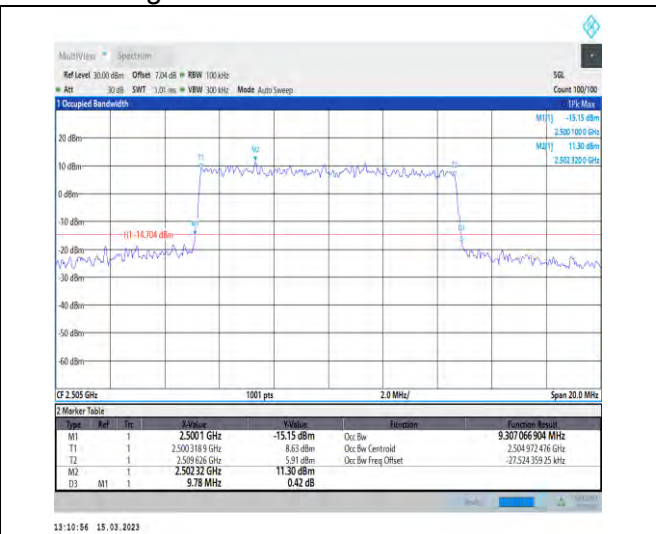


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1-N7-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-A
 nt1-9.296-9.780-≤10-PASS



1-N7-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-A
 nt1-9.307-9.780-≤10-PASS



1-N7-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-A
 Ant1-9.293-9.740-≤10-PASS



1-N7-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-A
 Ant1-9.302-9.800-≤10-PASS



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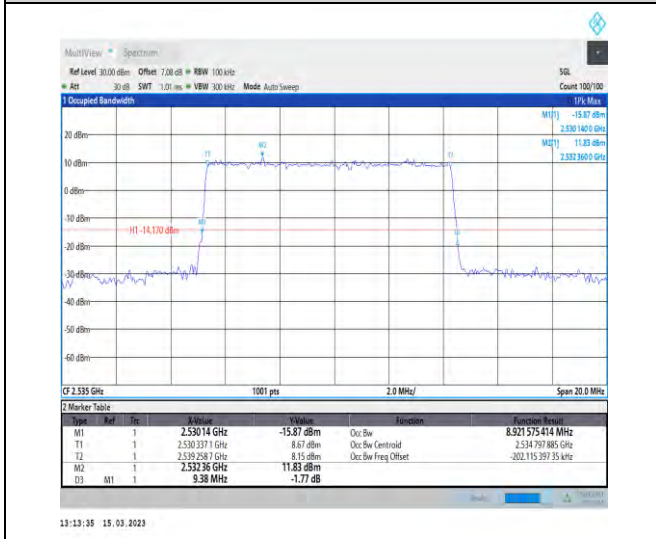
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1-N7-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.948-9.420-≤10-PASS



1-N7-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.936-9.440-≤10-PASS



1-N7-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.922-9.380-≤10-PASS



1-N7-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.911-9.380-≤10-PASS

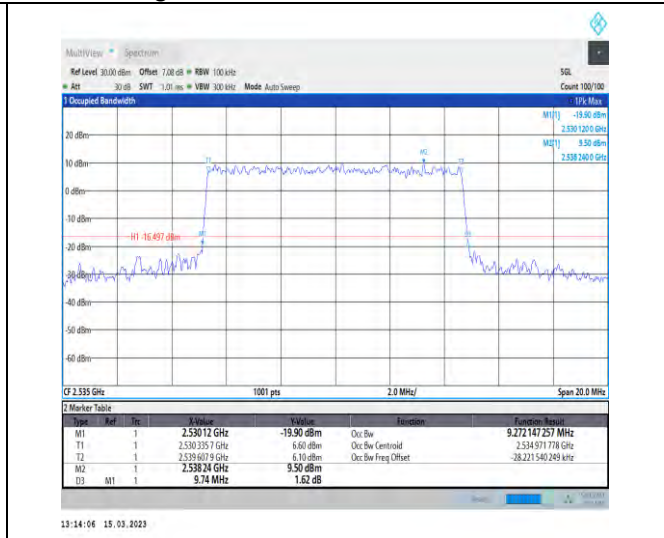


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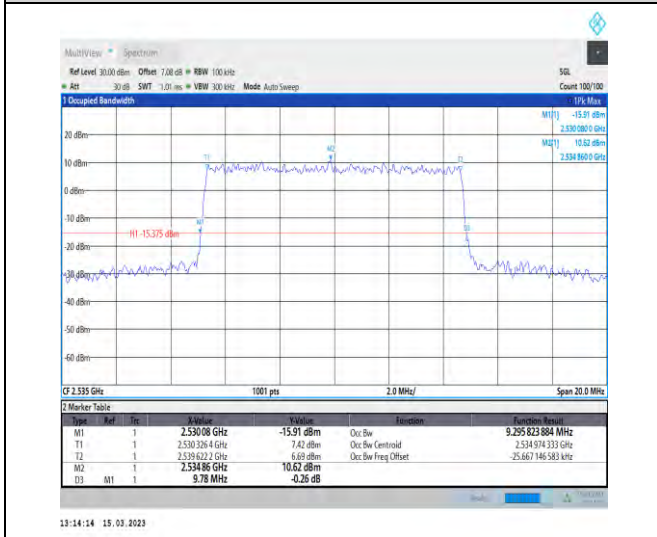
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1-N7-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.925-9.420-≤10-PASS



1-N7-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.272-9.740-≤10-PASS



1-N7-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.296-9.780-≤10-PASS



1-N7-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.307-9.800-≤10-PASS



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1-N7-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0
-Ant1-9.294-9.720-≤10-PASS



1-N7-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0
-Ant1-8.904-9.340-≤10-PASS



1-N7-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0
-Ant1-8.925-9.360-≤10-PASS



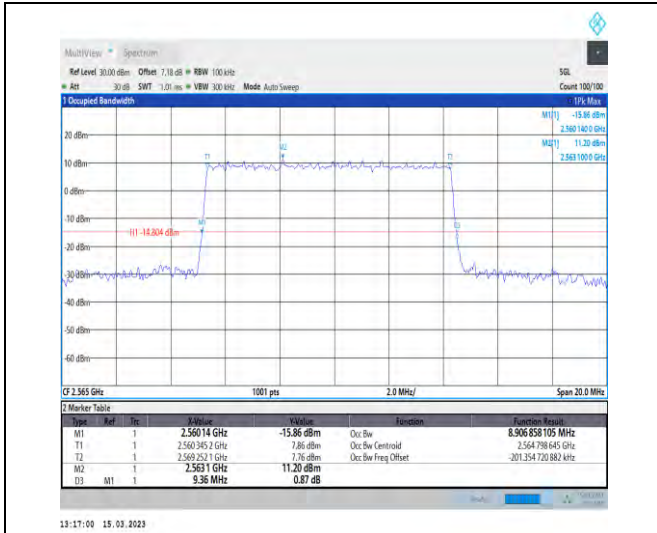
1-N7-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0
-Ant1-8.912-9.380-≤10-PASS



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1-N7-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.907-9.360-≤10-PASS



1-N7-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.917-9.400-≤10-PASS



1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.271-9.780-≤10-PASS

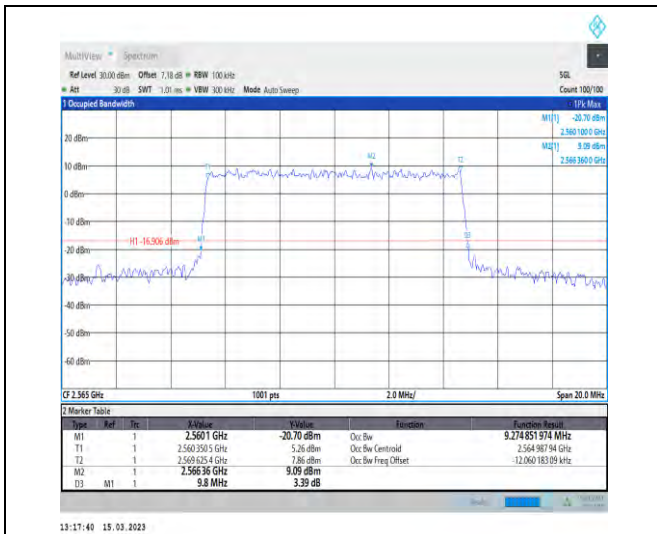


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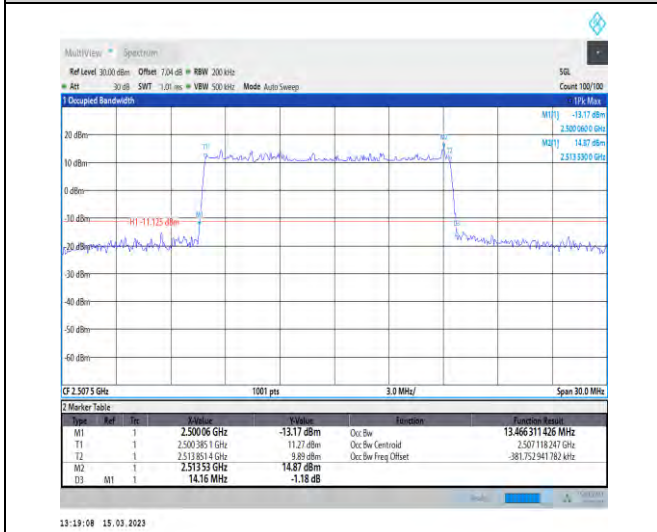
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1-N7-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.275-9.800-≤10-PASS

1-N7-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.307-9.780-≤10-PASS



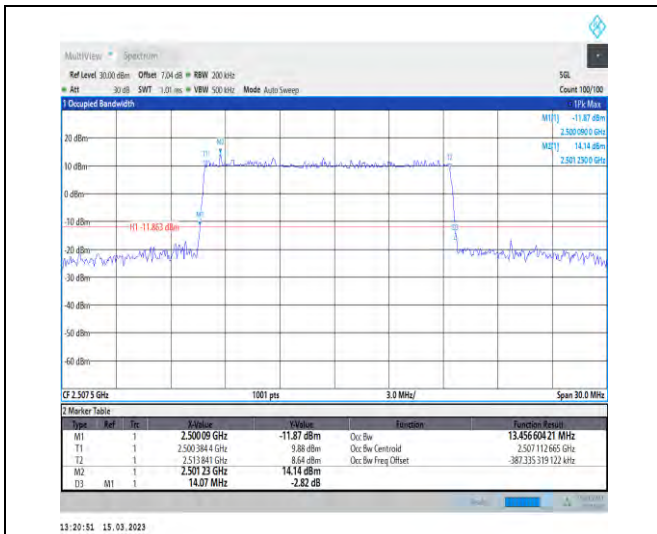
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1-N7-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.441-14.070-≤15-PASS



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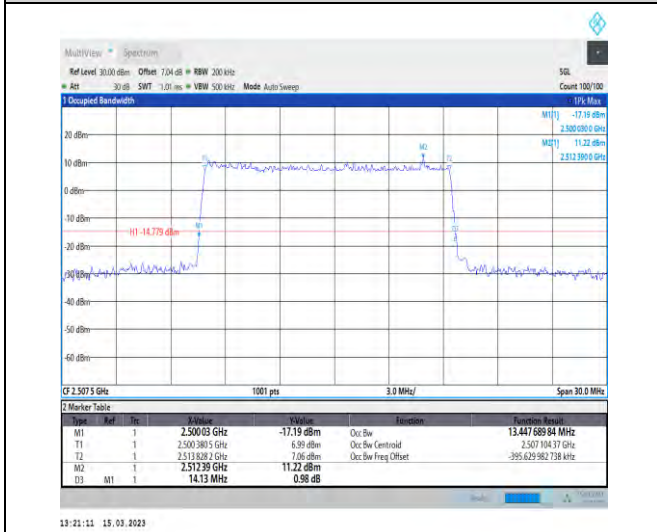
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1-N7-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.457-14.070-≤15-PASS



1-N7-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.451-14.040-≤15-PASS



1-N7-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.448-14.130-≤15-PASS

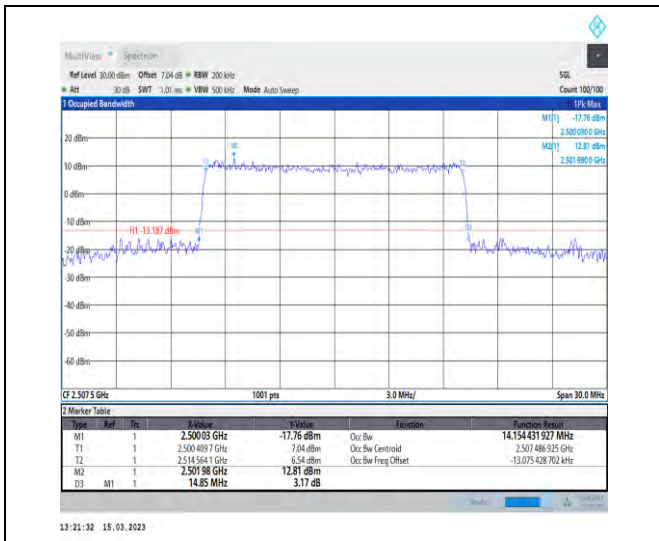


1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.182-14.820-≤15-PASS



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1-N7-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.154-14.850-≤15-PASS

1-N7-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.153-15.120-≤15-PASS



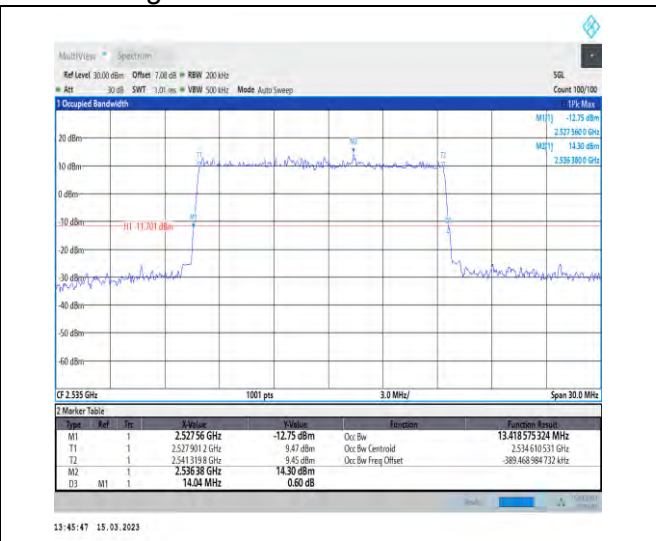
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1-N7-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.415-14.100-≤15-PASS



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1-N7-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-13.426-14.160-≤15-PASS

1-N7-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.419-14.040-≤15-PASS



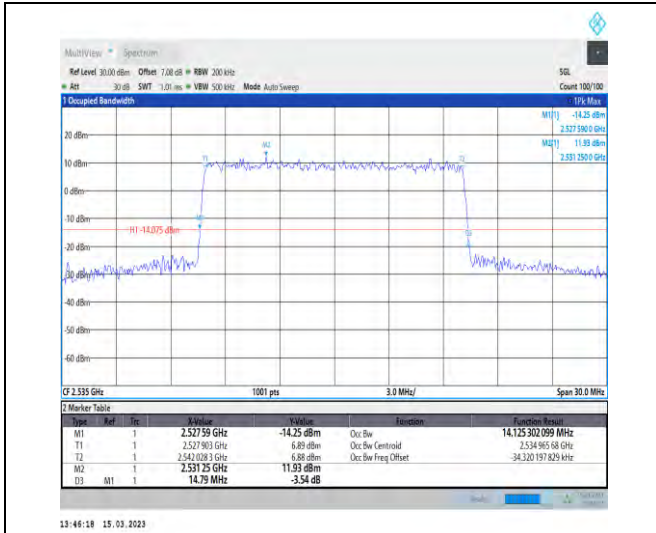
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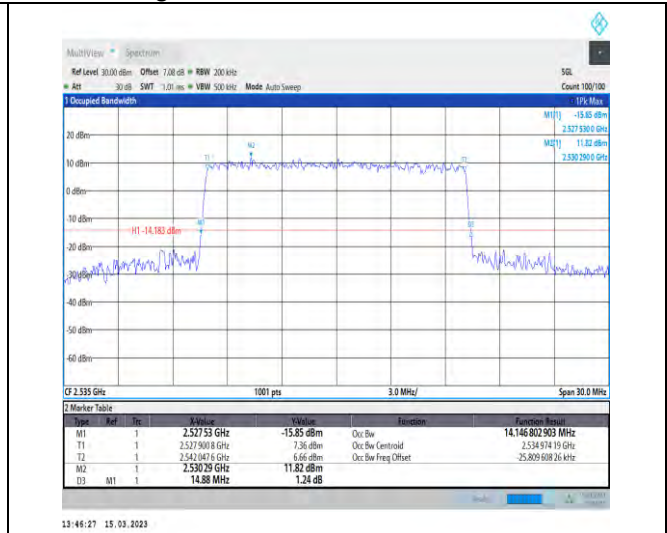


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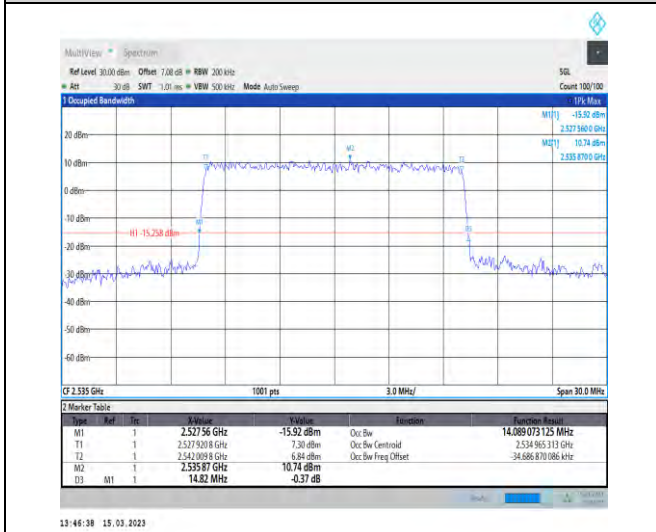
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1-N7-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-A
Ant1-14.125-14.790-≤15-PASS



1-N7-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-
Ant1-14.147-14.880-≤15-PASS



1-N7-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-
Ant1-14.089-14.820-≤15-PASS

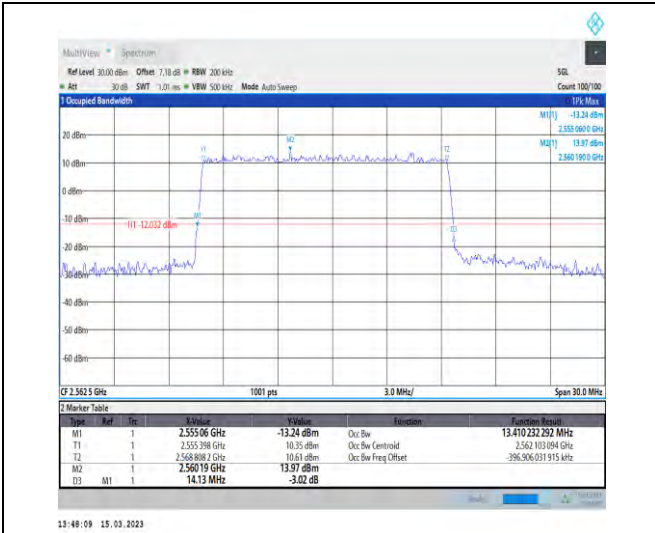


1-N7-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-
-Ant1-14.111-14.820-≤15-PASS



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1-N7-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.41-14.130-≤15-PASS

1-N7-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.407-14.100-≤15-PASS



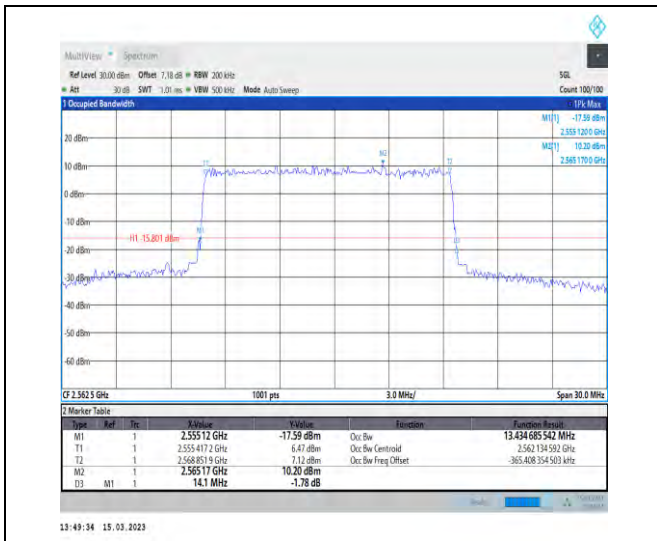
1-N7-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.419-14.070-≤15-PASS

1-N7-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.413-14.100-≤15-PASS



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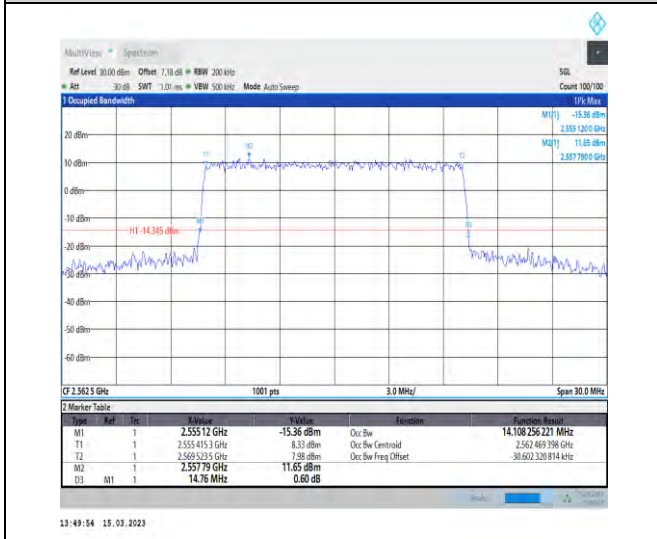
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1-N7-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@
 0-Ant1-13.435-14.100≤15-PASS



1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-A
 nt1-14.144-14.880≤15-PASS



1-N7-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-
 Ant1-14.108-14.760≤15-PASS



1-N7-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-
 Ant1-14.112-14.760≤15-PASS



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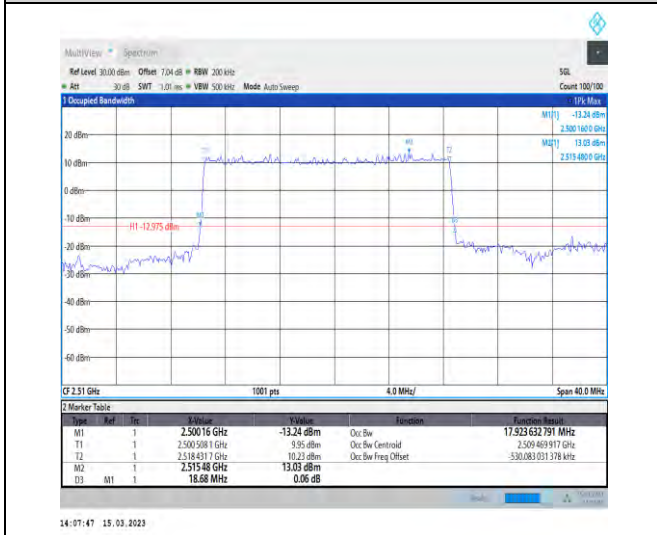
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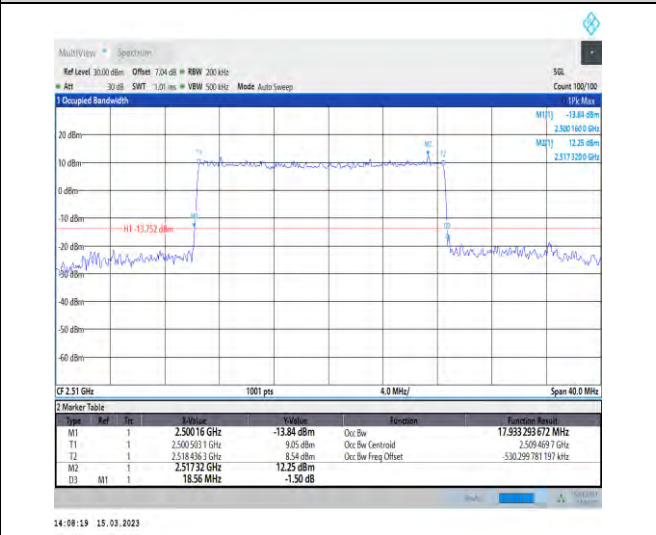
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 -Ant1-14.102-14.820-≤15-PASS



1-N7-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0
 -Ant1-17.914-18.640-≤20-PASS



1-N7-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100
 @0-Ant1-17.924-18.680-≤20-PASS



1-N7-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@
 0-Ant1-17.933-18.560-≤20-PASS



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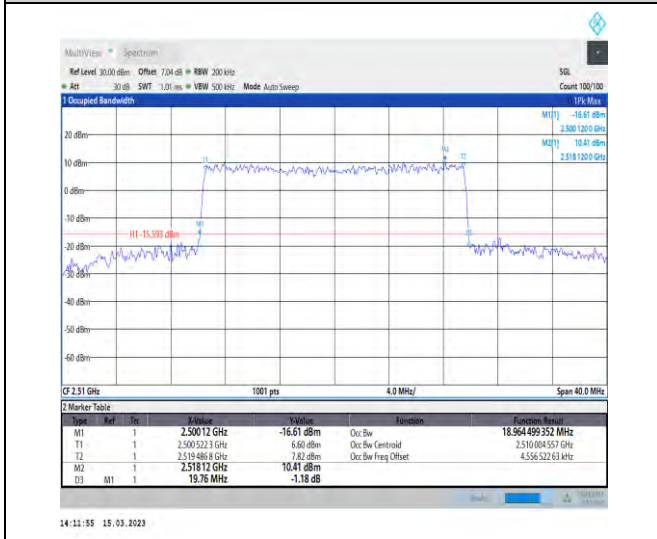
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1-N7-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@
 0-Ant1-39.617-40.000-≤20-PASS



1-N7-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100
 @0-Ant1-17.942-18.760-≤20-PASS



1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-
 Ant1-18.964-19.760-≤20-PASS



1-N7-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-
 Ant1-18.995-19.760-≤20-PASS



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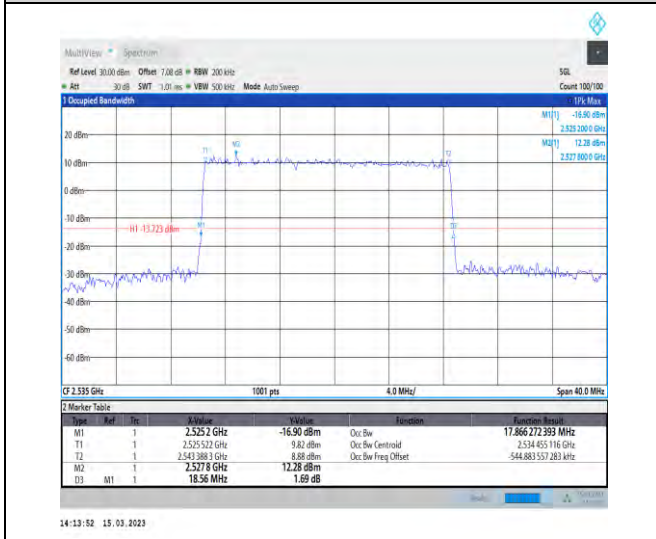
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1-N7-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant1-18.963-19.680-≤20-PASS



1-N7-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-19.01-19.760-≤20-PASS



1-N7-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.866-18.560-≤20-PASS



1-N7-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.836-18.560-≤20-PASS



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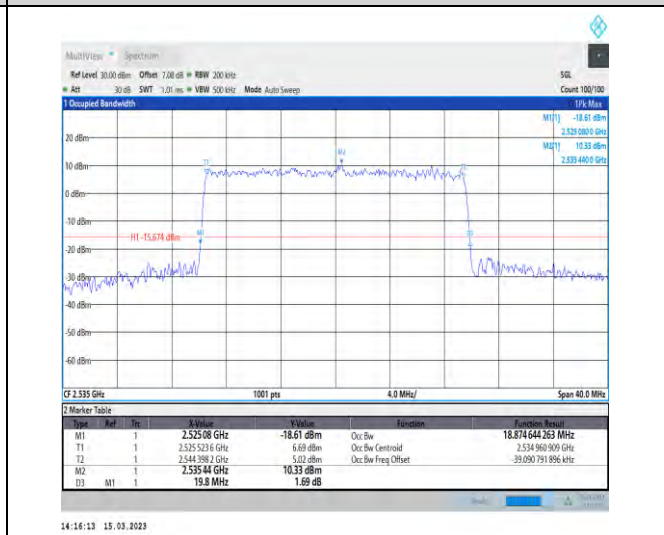
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1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@
0-Ant1-17.865-18.640-≤20-PASS



1-N7-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.869-18.720-≤20-PASS

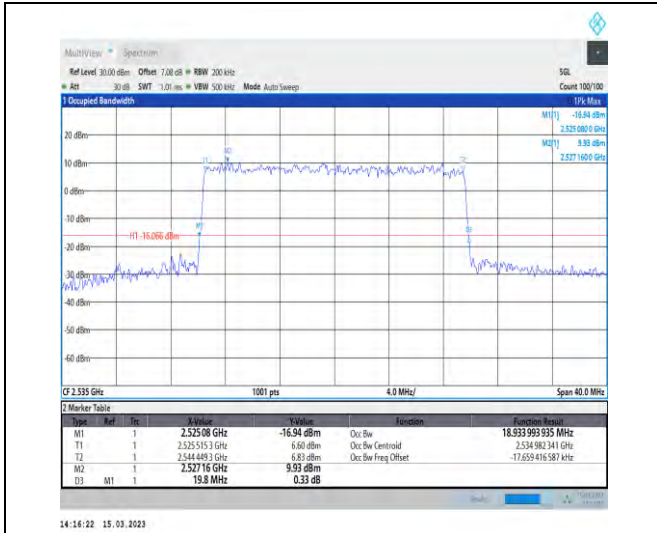


1-N7-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-
Ant1-18.875-19.800-≤20-PASS



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1-N7-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0
-Ant1-18.934-19.800-≤20-PASS



1-N7-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0
-Ant1-18.959-19.840-≤20-PASS



1-N7-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0
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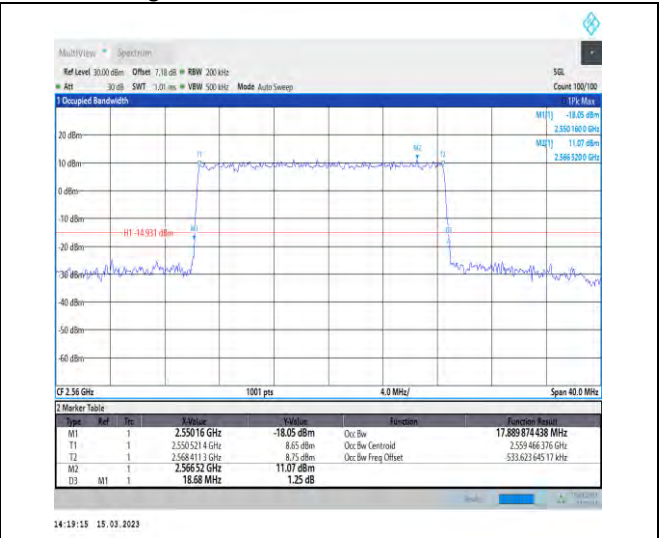


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Ant1-17.885-18.680-≤20-PASS



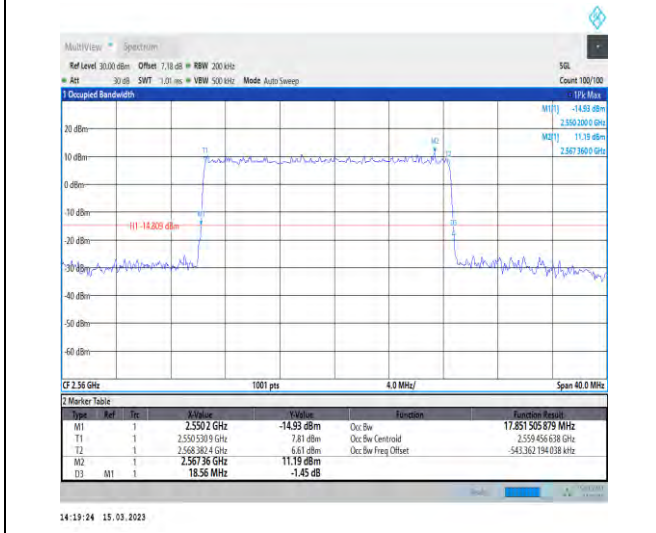
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1-N7-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100 @0-Ant1-17.867-18.520-≤20-PASS

1-N7-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100 @0-Ant1-17.89-18.680-≤20-PASS



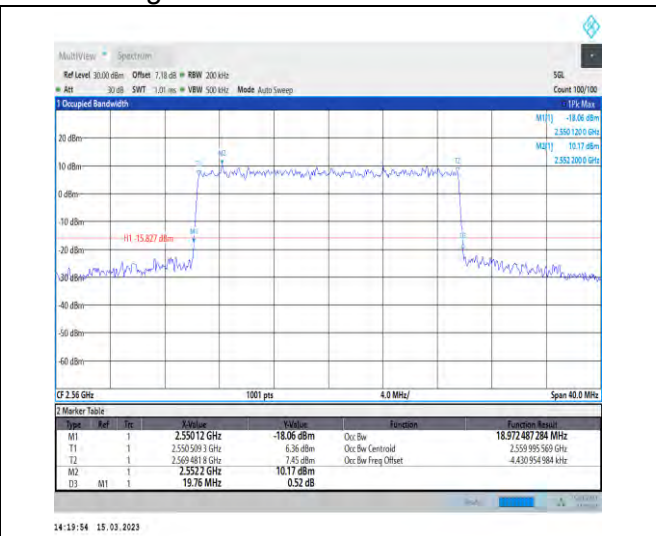
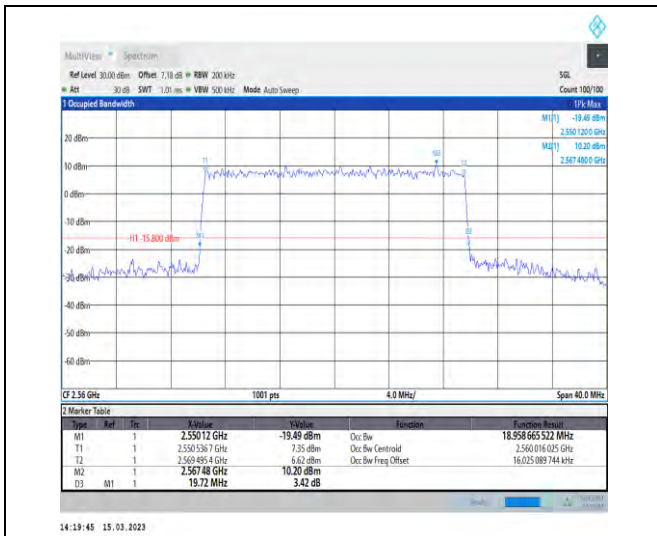
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1-N7-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100 @0-Ant1-17.906-18.640-≤20-PASS



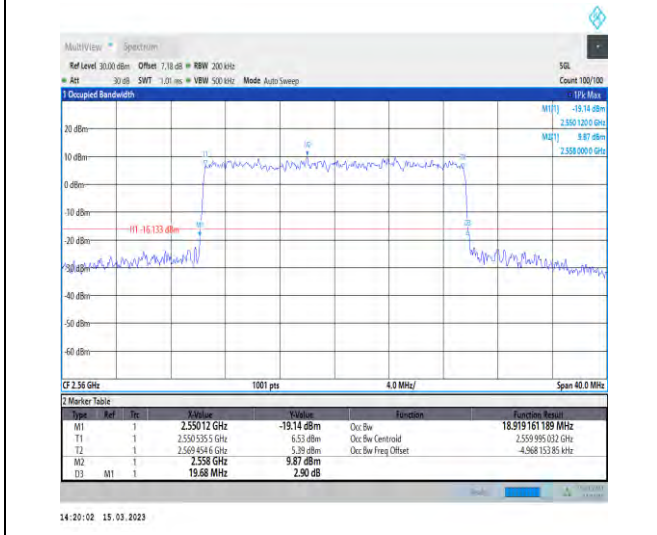
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1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.959-19.720-≤20-PASS

1-N7-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.972-19.760-≤20-PASS



1-N7-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.919-19.680-≤20-PASS

1-N7-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.941-19.800-≤20-PASS

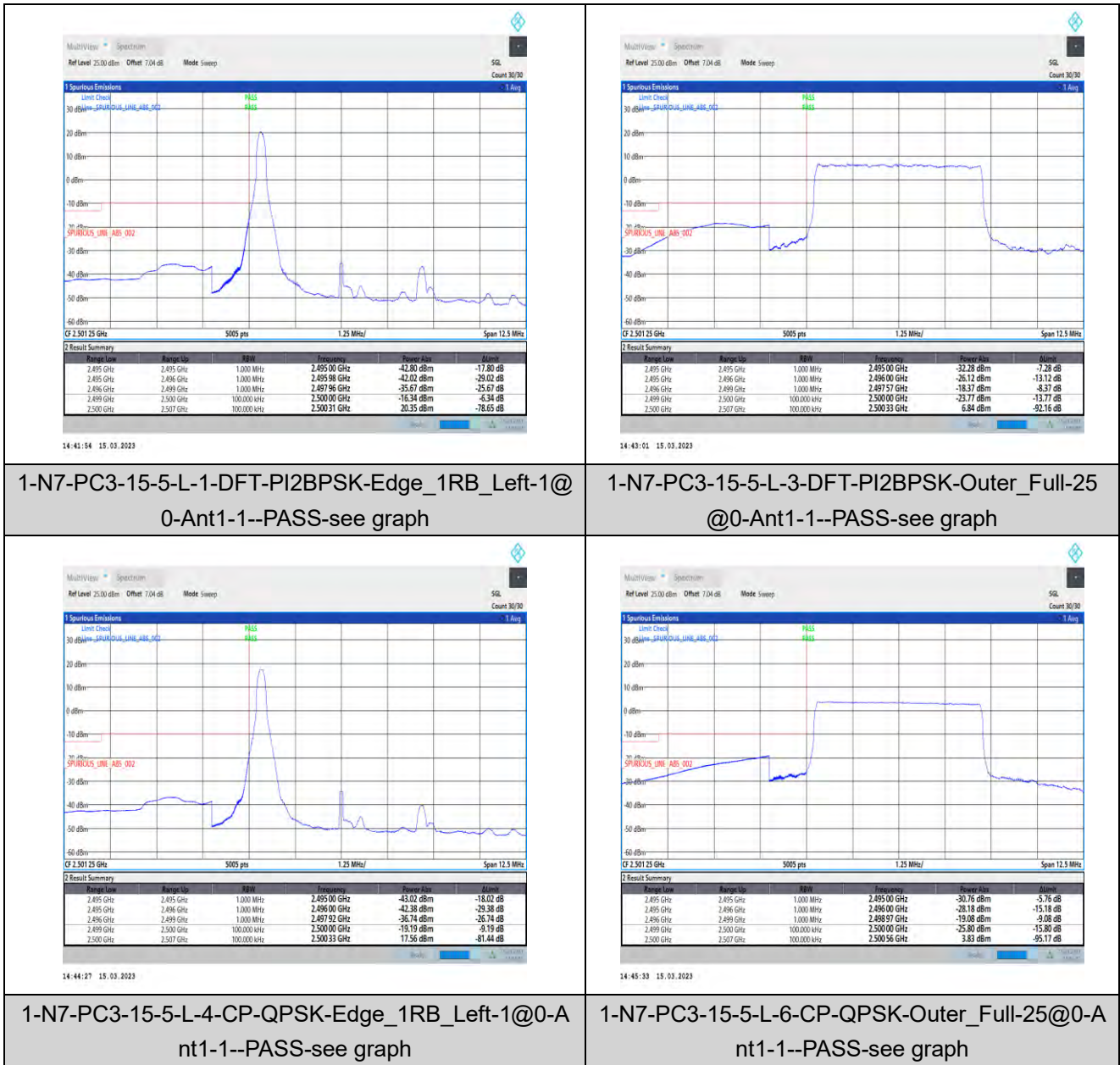


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Band Edge for SA

Test Graphs



1-N7-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N7-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph

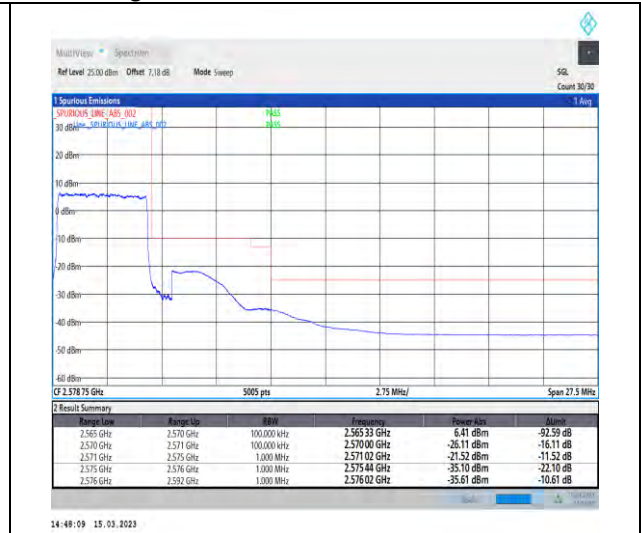
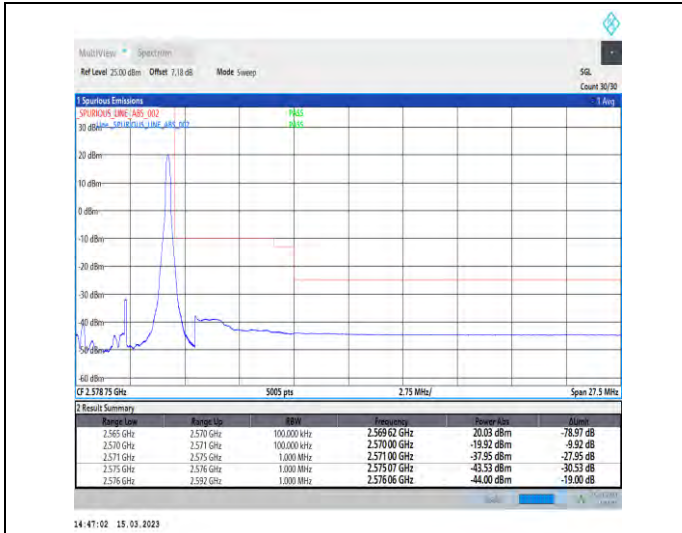
1-N7-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

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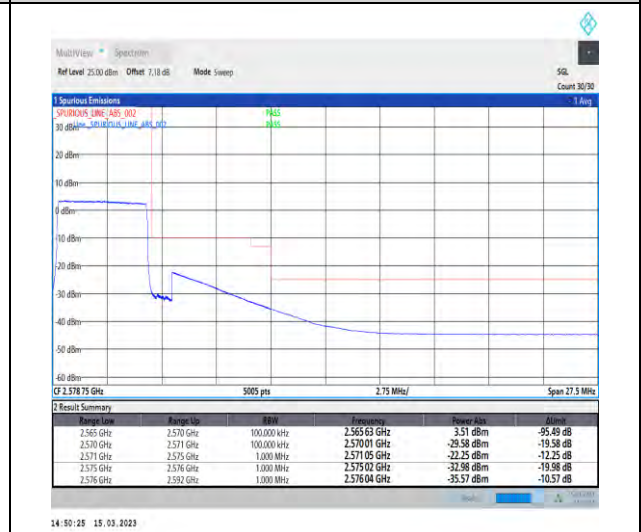
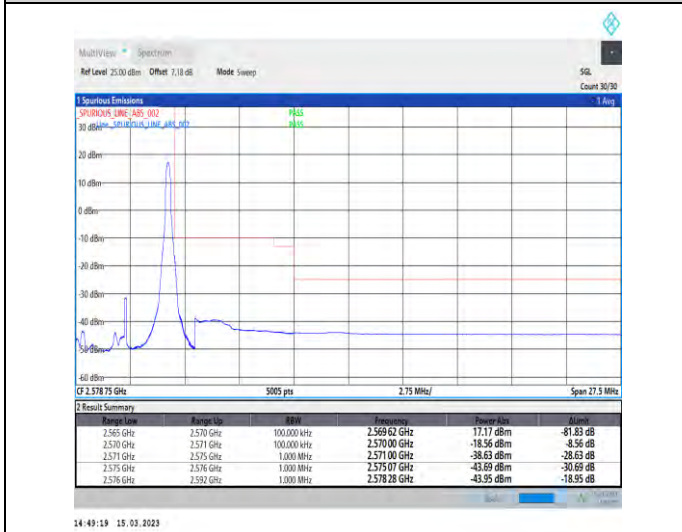
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1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1 @24-Ant1-1--PASS-see graph

1-N7-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25 @0-Ant1-1--PASS-see graph



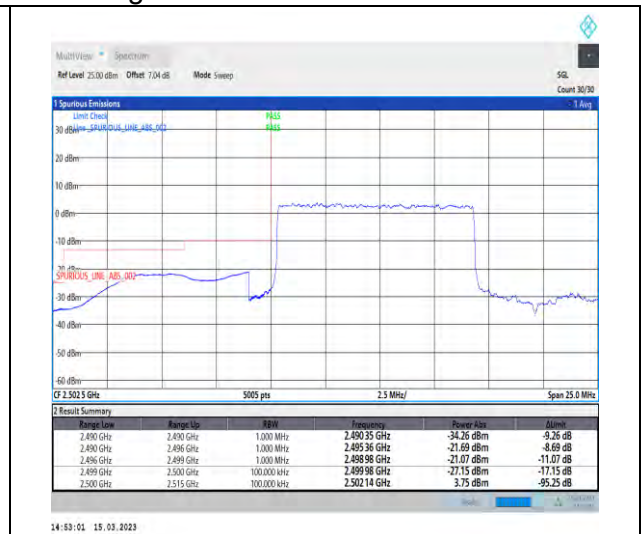
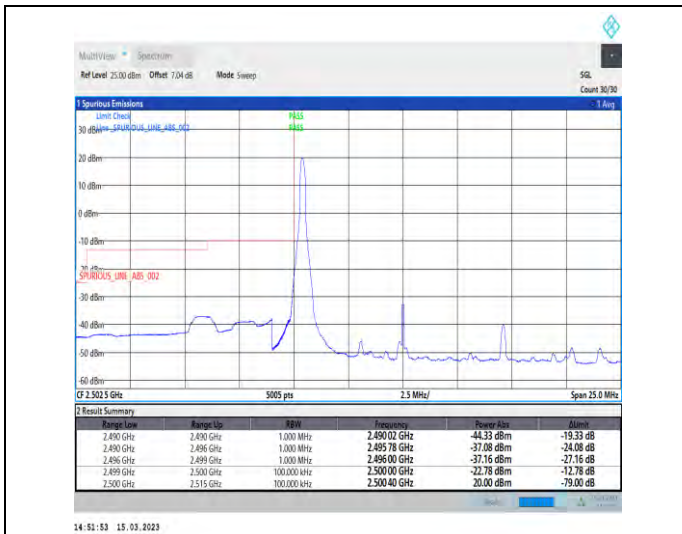
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1-N7-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



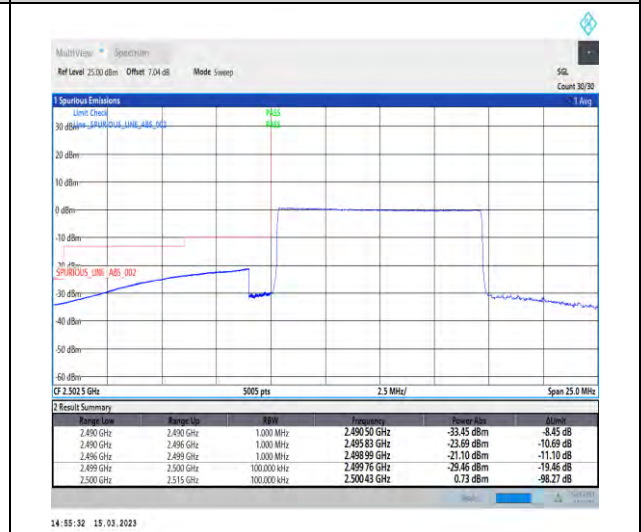
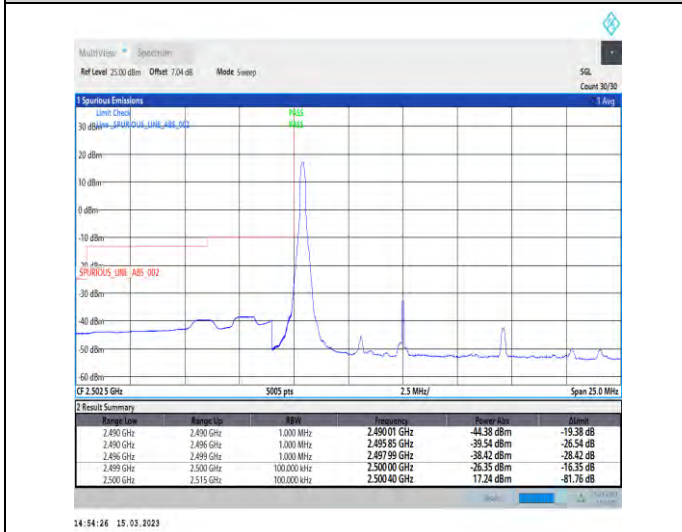
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1-N7-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant1-1--PASS-see graph

1-N7-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50 @0-Ant1-1--PASS-see graph



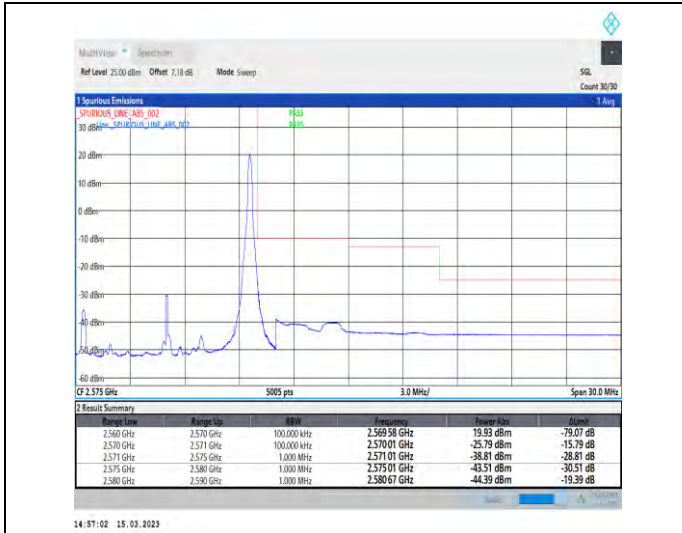
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1-N7-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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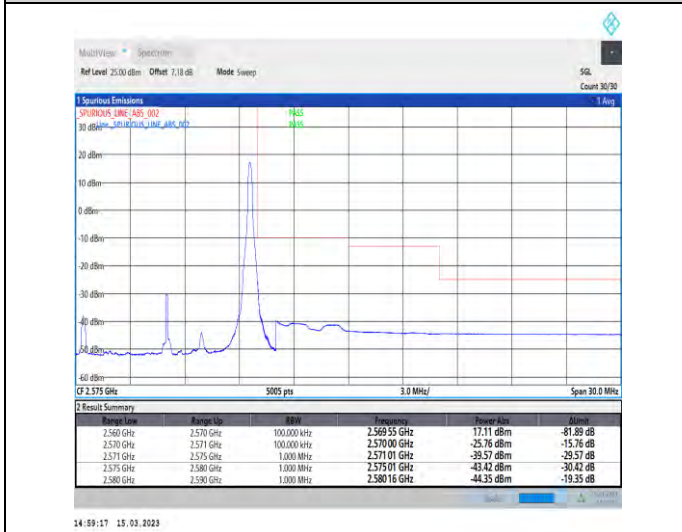
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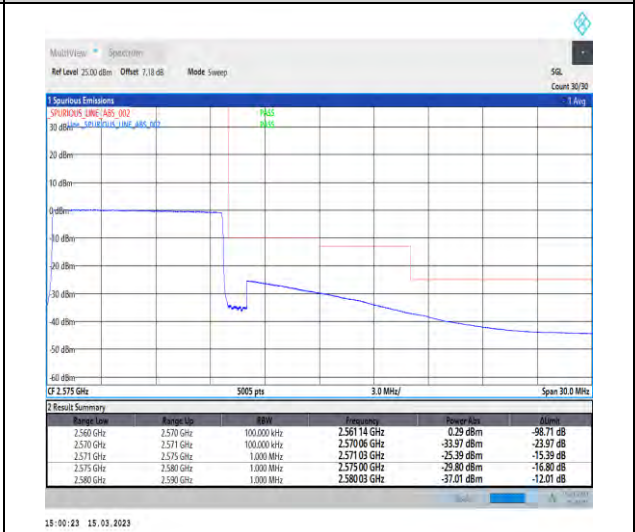
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1-N7-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N7-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph

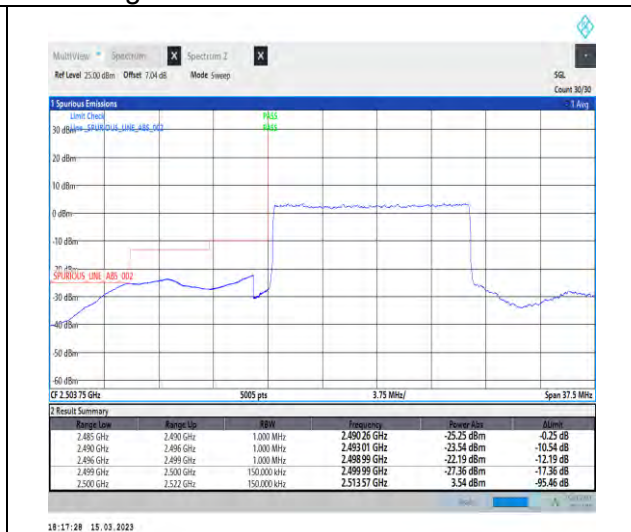
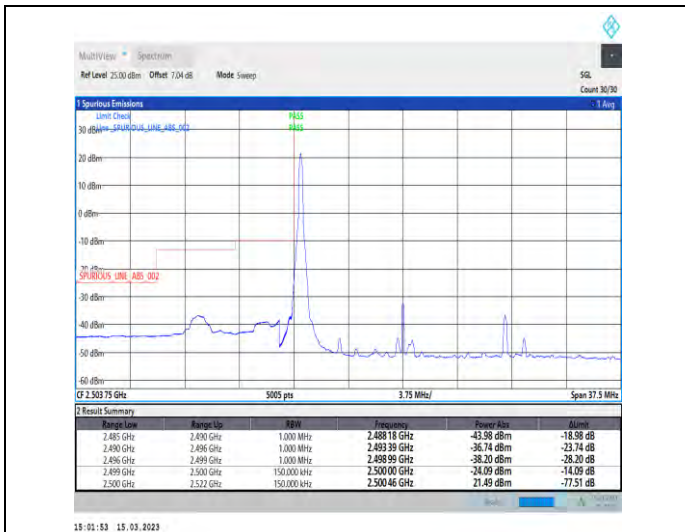


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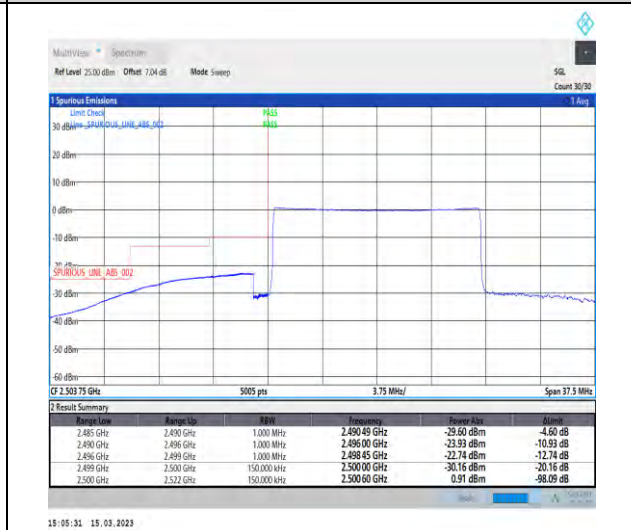
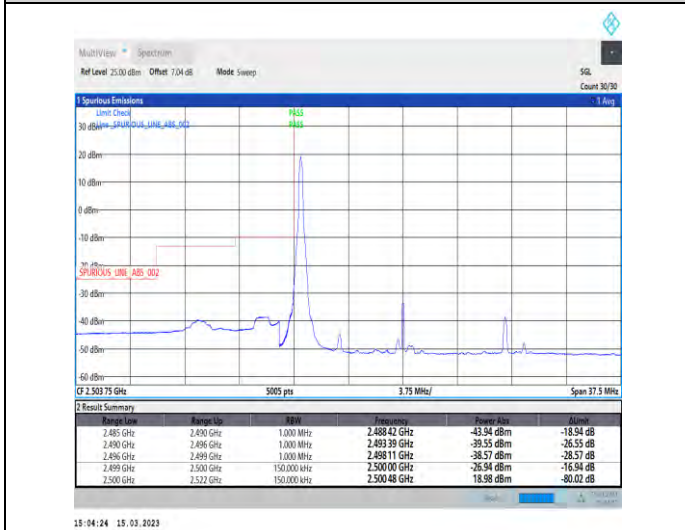
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1-N7-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant1-1--PASS-see graph

1-N7-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-1--PASS-see graph



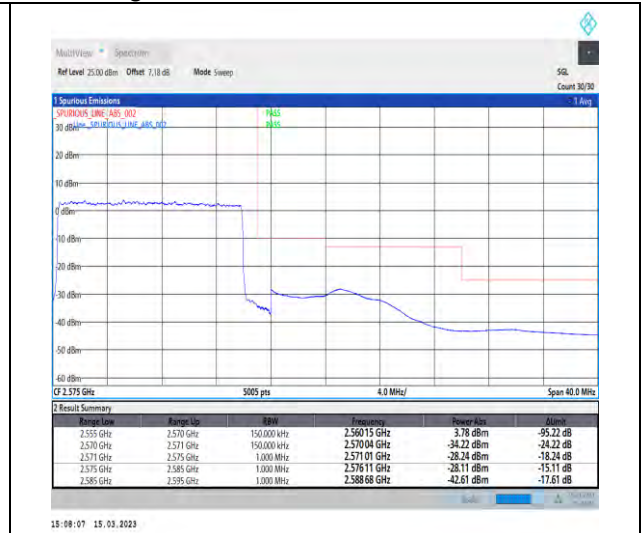
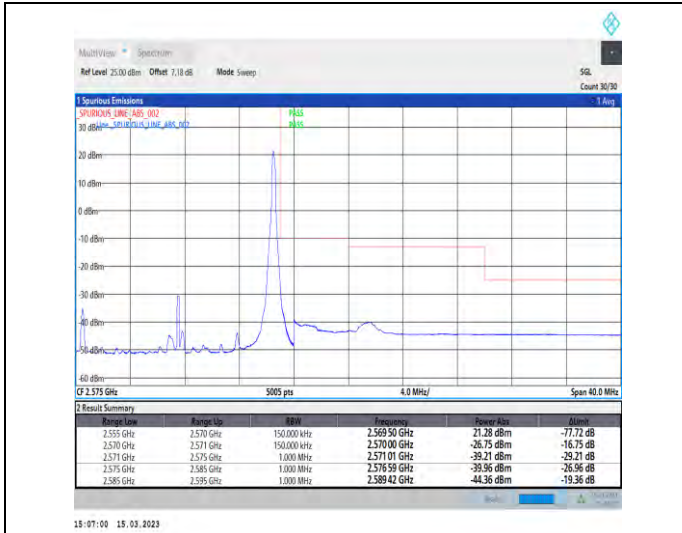
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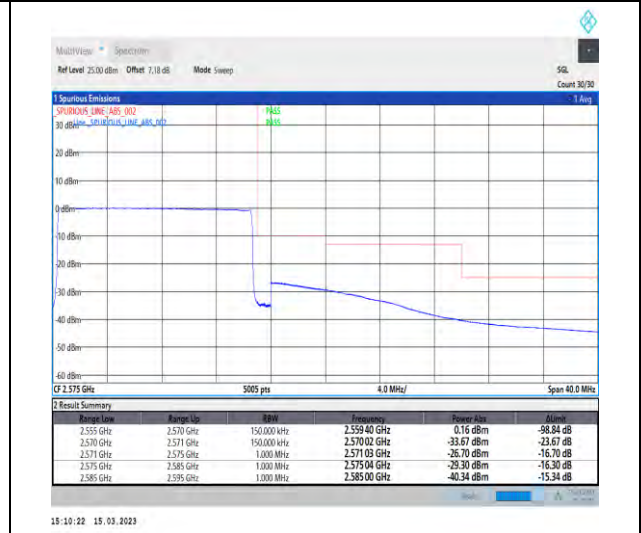
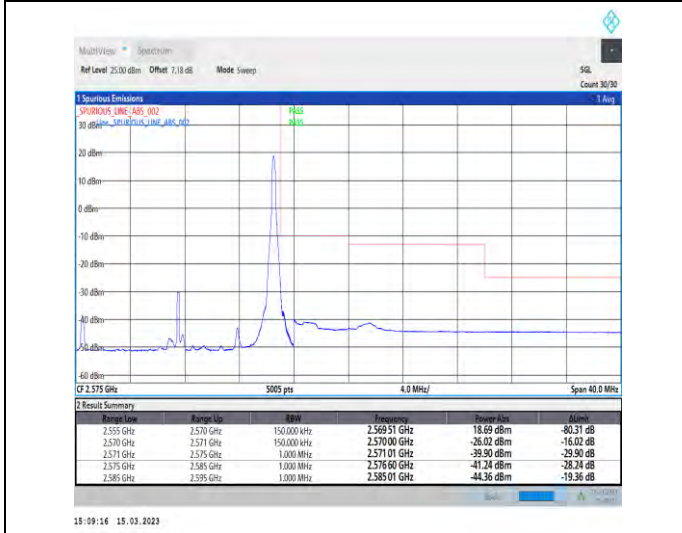
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1-N7-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph

1-N7-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



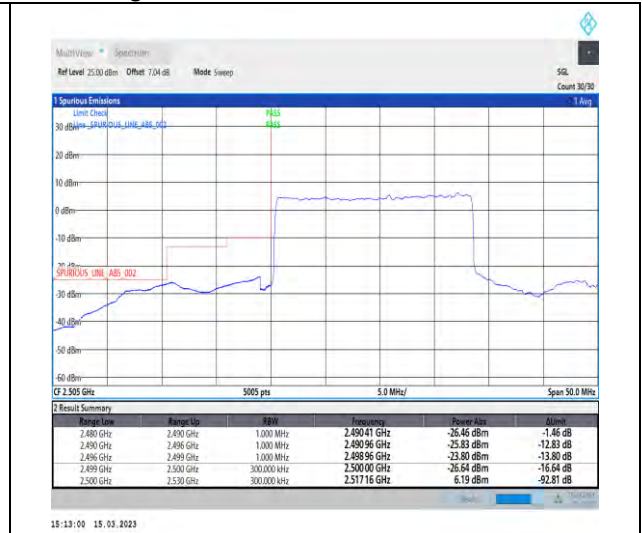
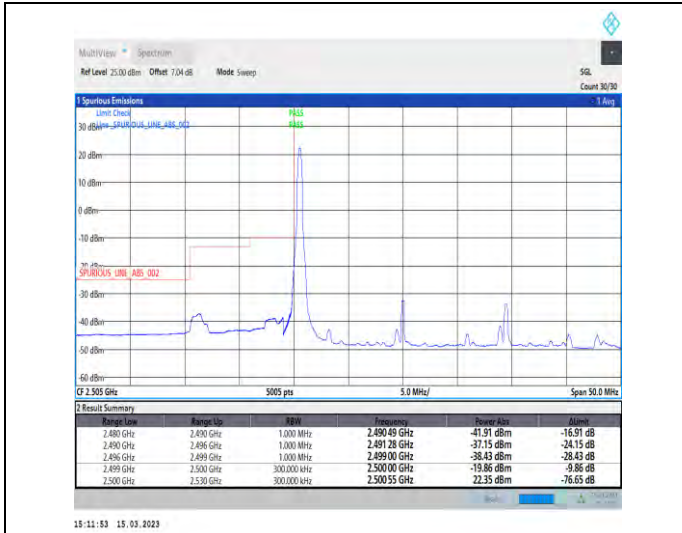
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1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



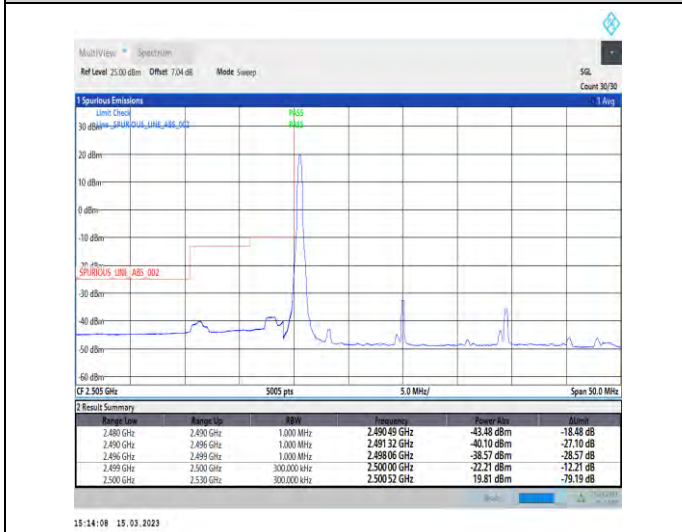
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1-N7-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-10 @0-Ant1-1--PASS-see graph



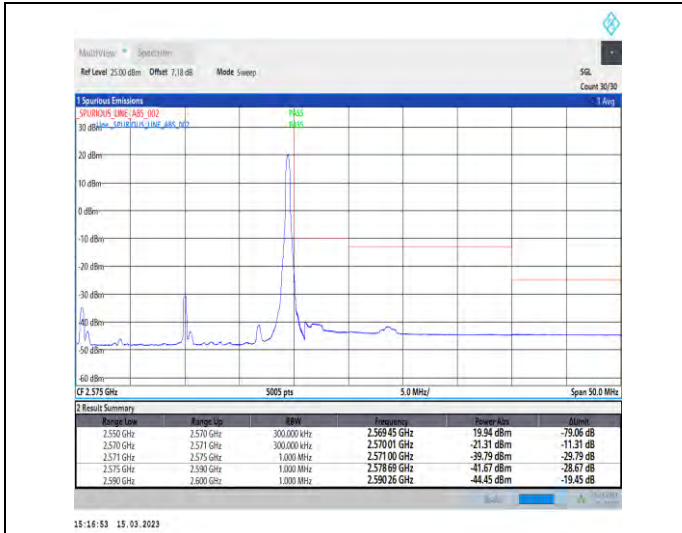
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1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph

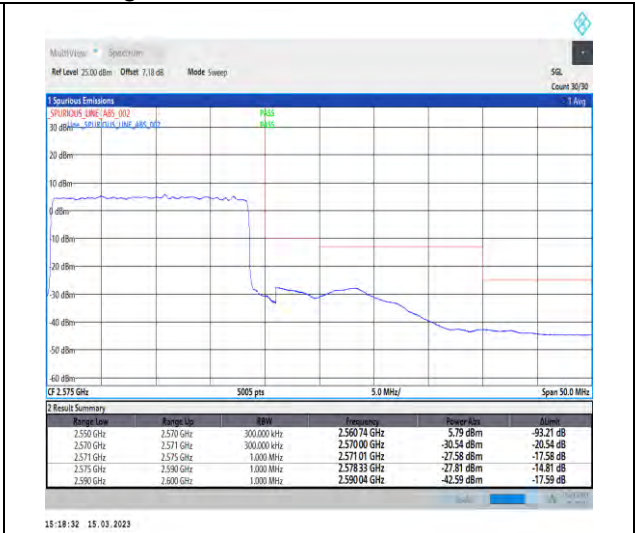


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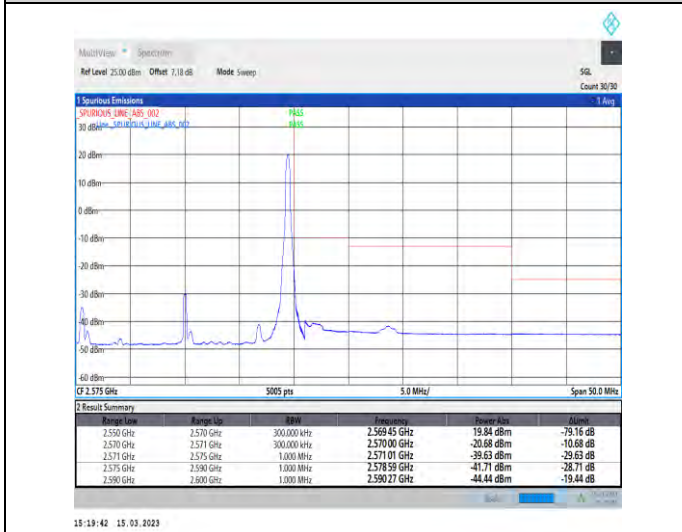
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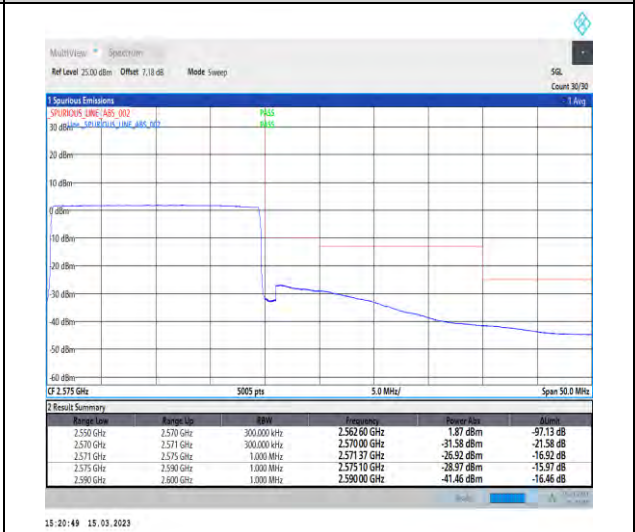
1-N7-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N7-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N7-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



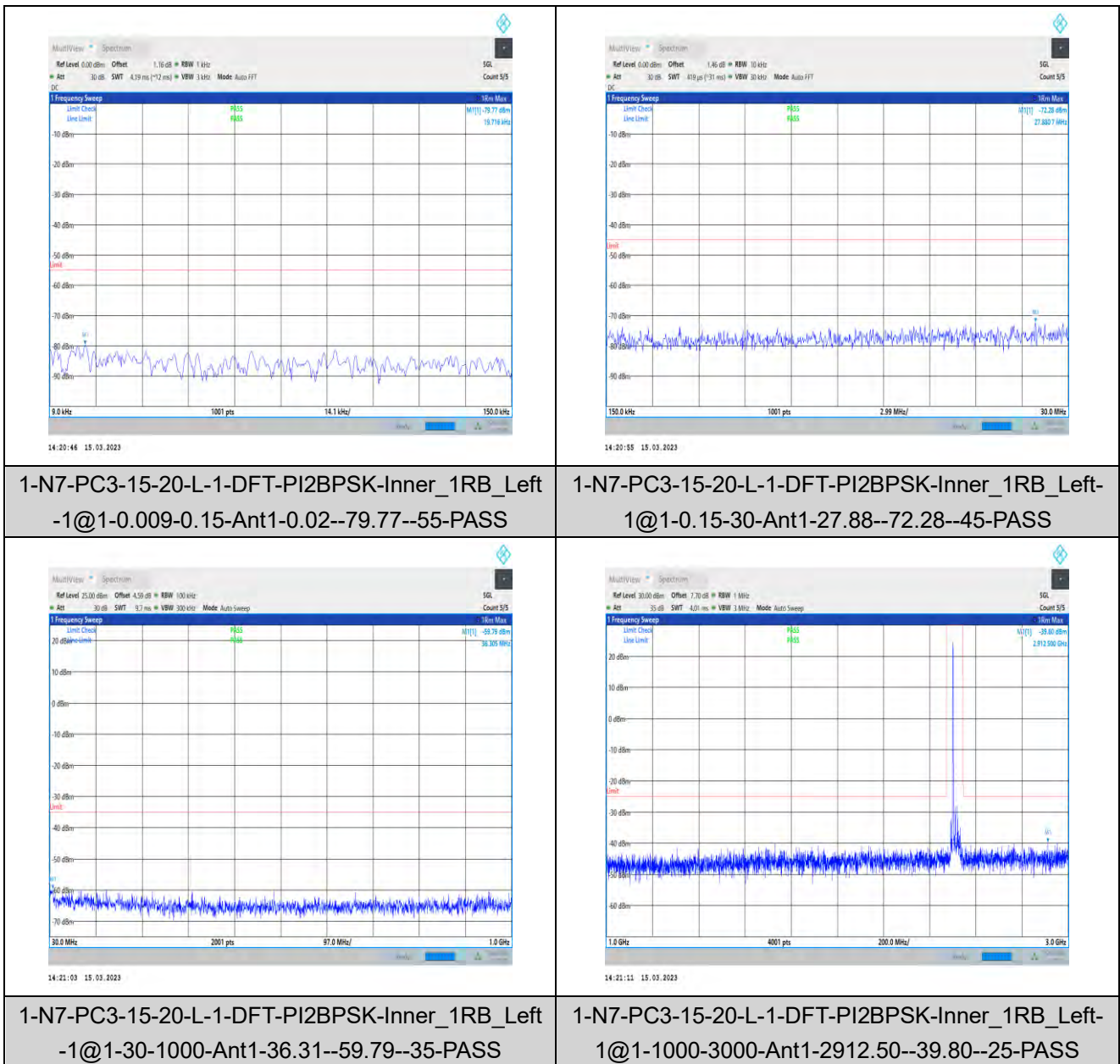
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Conducted Spurious Emission for SA

Test Graphs

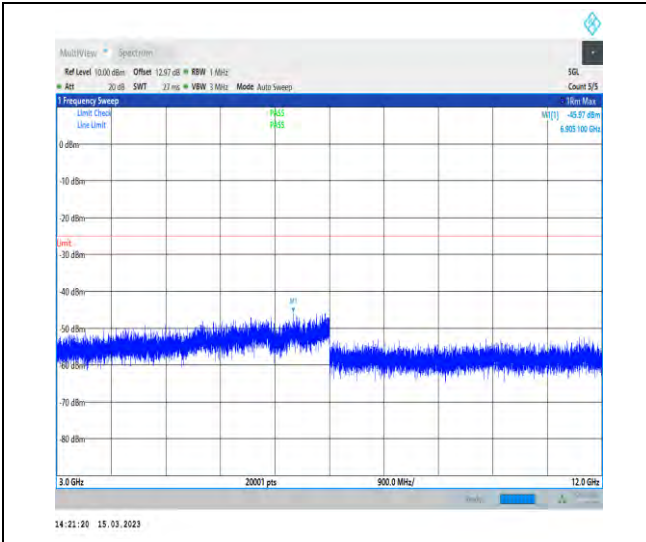


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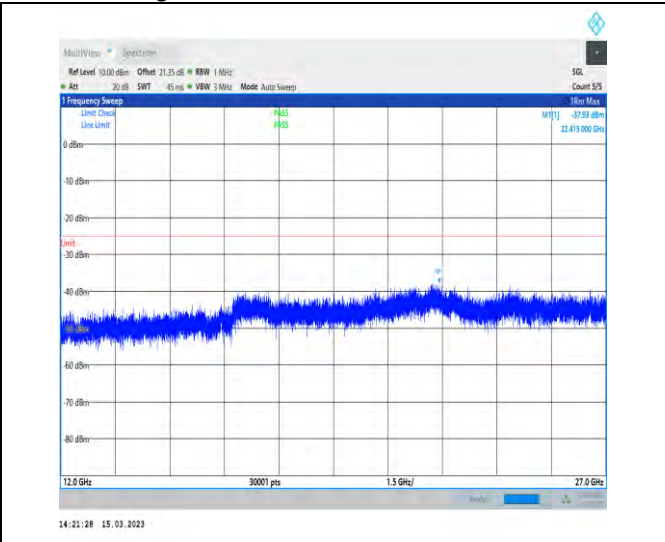
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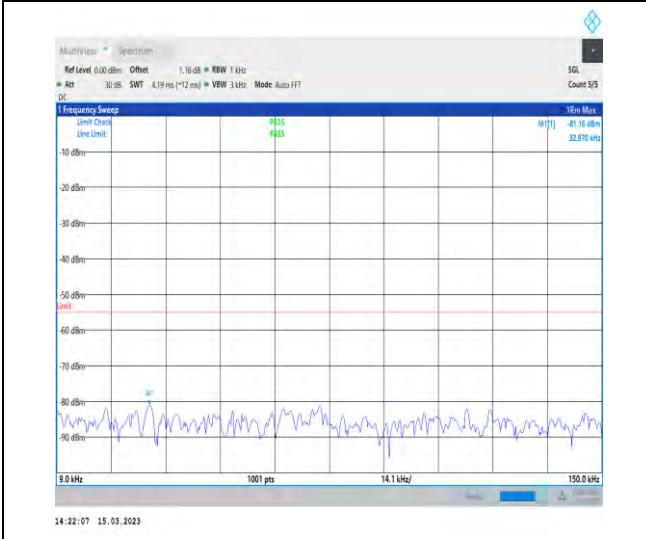
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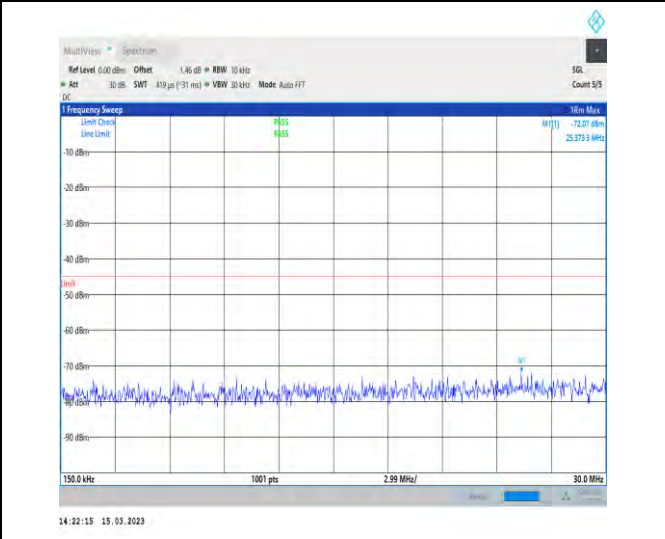
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1-N7-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1-22415.00--37.93--25-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.03--81.16--55-PASS

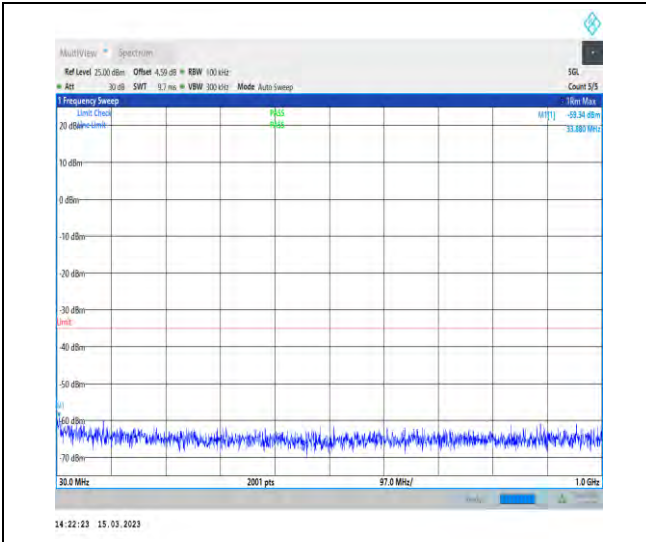


1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-25.37--72.07--45-PASS

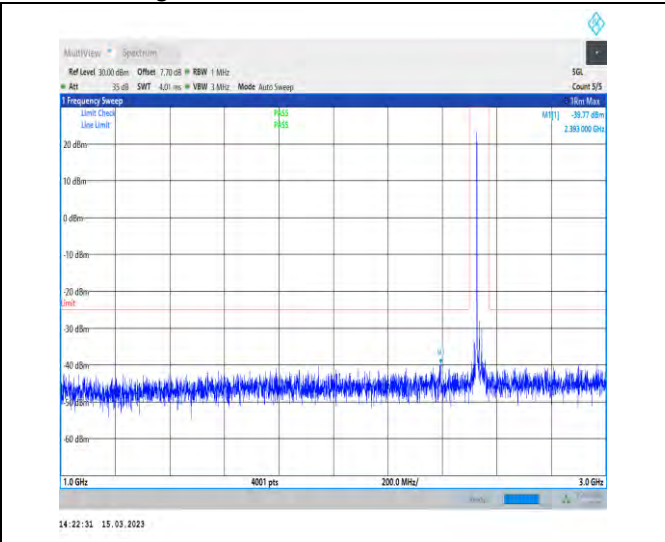


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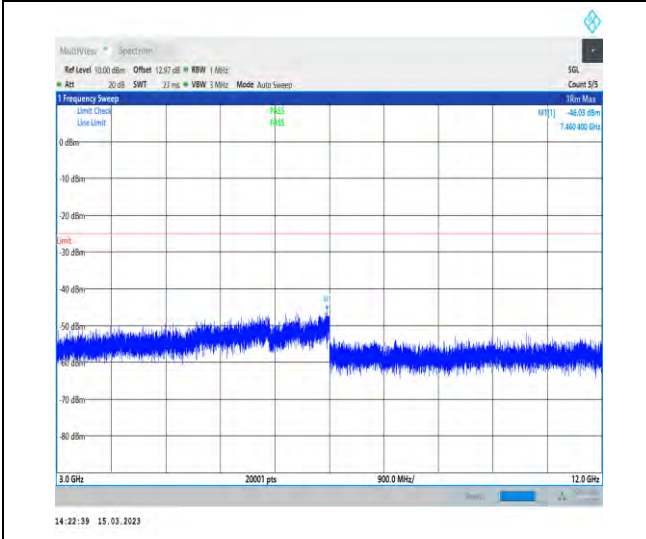
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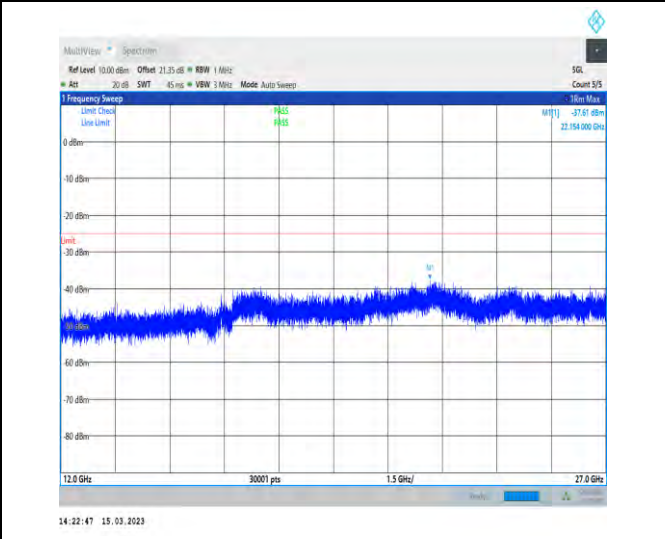
1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-30-1000-Ant1-33.88--59.34--35-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2393.00--39.77--25-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-3000-12000-Ant1-7460.40--46.03--25-PASS

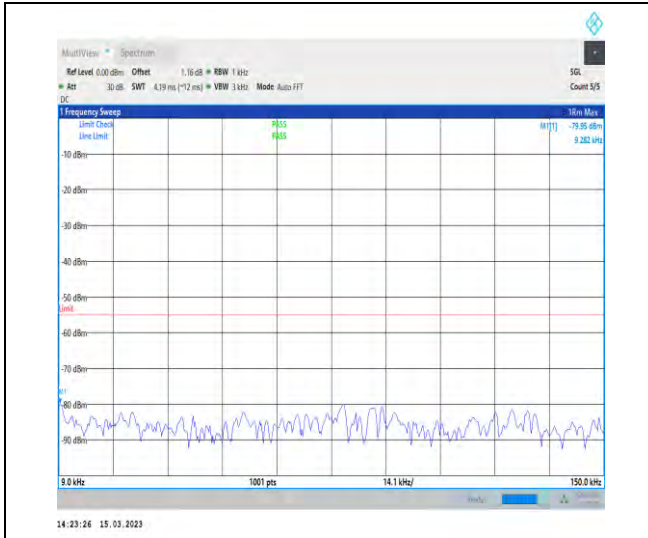


1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1-22154.00--37.61--25-PASS

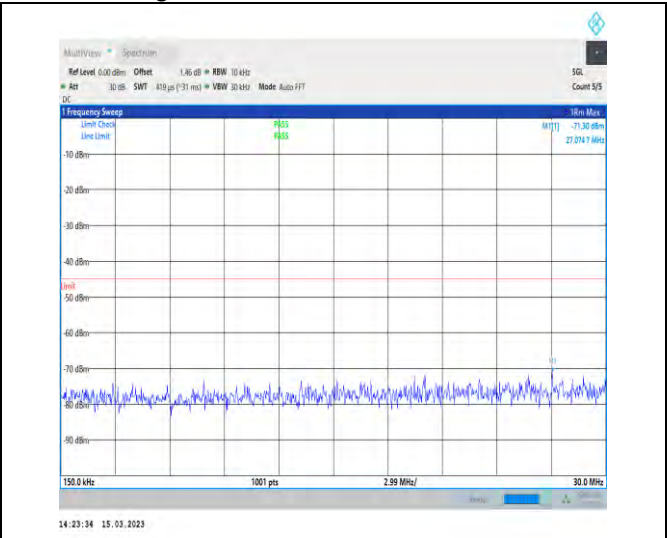


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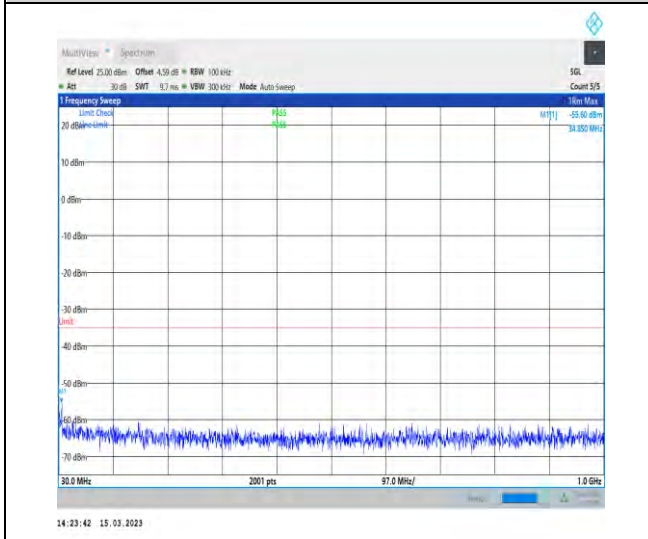
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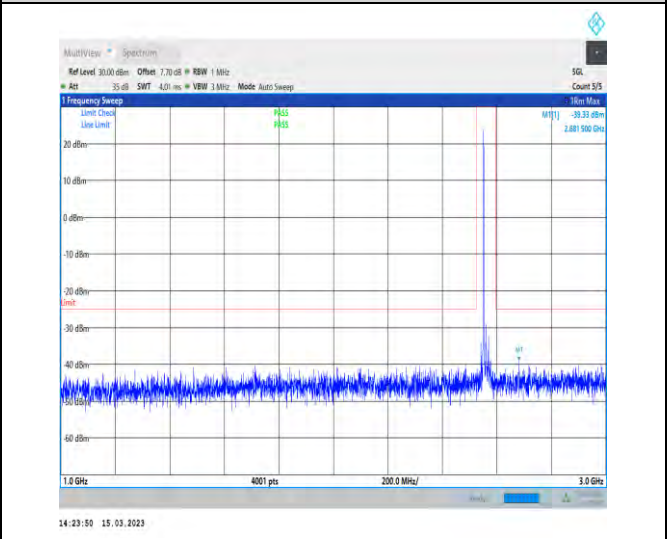
1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-0.009-0.15-Ant1-0.01--79.95--55-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-27.07--71.30--45-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-30-1000-Ant1-34.85--55.60--35-PASS

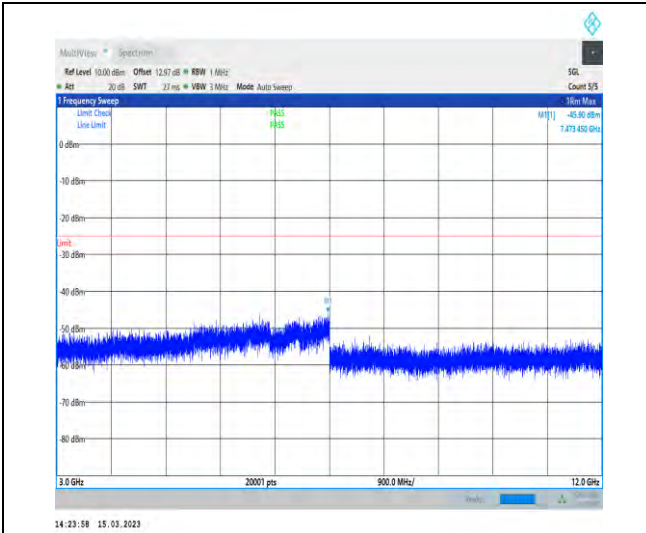


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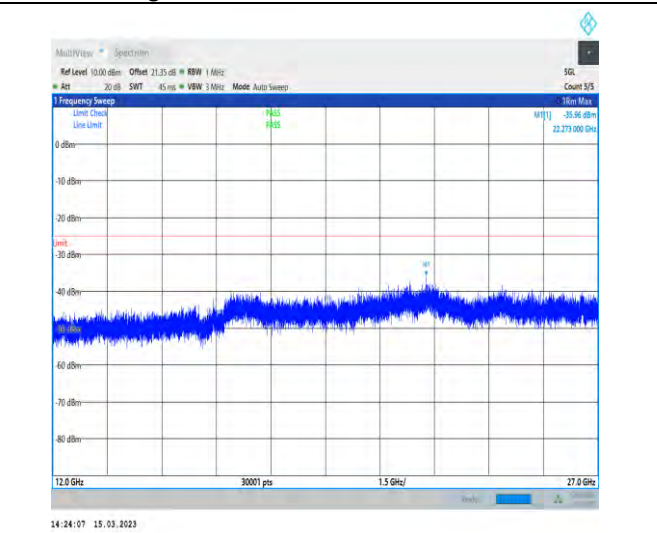


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1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef-t-1@1-3000-12000-Ant1-7473.45--45.90--25-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1-22273.00--35.96--25-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band7_20MHz_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	41.20	-45.63	32.88	-66.80	-25.00	41.80	144	181	Horizontal
2	7506.2700	39.78	-43.13	36.44	-62.17	-25.00	37.17	186	287	Horizontal
3	10008.3600	35.06	-39.23	38.50	-60.93	-25.00	35.93	254	165	Horizontal
4	12510.4500	31.61	-37.02	39.19	-61.49	-25.00	36.49	129	347	Horizontal
5	15012.5400	29.75	-34.67	39.20	-60.98	-25.00	35.98	145	227	Horizontal
6	17514.6300	32.33	-34.82	39.24	-58.51	-25.00	33.51	138	347	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	41.44	-45.63	32.88	-66.56	-25.00	41.56	124	105	Vertical
2	7506.2700	39.61	-43.13	36.44	-62.34	-25.00	37.34	175	287	Vertical
3	10008.3600	34.98	-39.23	38.50	-61.01	-25.00	36.01	146	195	Vertical
4	12510.4500	31.85	-37.02	39.19	-61.25	-25.00	36.25	233	346	Vertical
5	15012.5400	29.57	-34.67	39.20	-61.16	-25.00	36.16	259	209	Vertical
6	17514.6300	32.41	-34.82	39.24	-58.43	-25.00	33.43	148	150	Vertical



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Test Band = SA Band7_20MHz_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	41.02	-45.55	32.90	-66.89	-25.00	41.89	254	58	Horizontal
2	7551.2700	39.19	-43.03	36.41	-62.69	-25.00	37.69	142	120	Horizontal
3	10068.3600	35.78	-39.16	38.60	-60.04	-25.00	35.04	123	0	Horizontal
4	12585.4500	31.06	-37.52	39.27	-62.46	-25.00	37.46	211	346	Horizontal
5	15102.5400	29.30	-34.92	39.08	-61.80	-25.00	36.80	261	256	Horizontal
6	17619.6300	31.48	-33.39	39.66	-57.51	-25.00	32.51	179	224	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	40.62	-45.55	32.90	-67.29	-25.00	42.29	144	0	Vertical
2	7551.2700	39.12	-43.03	36.41	-62.76	-25.00	37.76	153	136	Vertical
3	10068.3600	34.80	-39.16	38.60	-61.02	-25.00	36.02	289	239	Vertical
4	12585.4500	31.31	-37.52	39.27	-62.21	-25.00	37.21	291	317	Vertical
5	15102.5400	29.47	-34.92	39.08	-61.63	-25.00	36.63	155	0	Vertical
6	17619.6300	30.97	-33.39	39.66	-58.02	-25.00	33.02	160	300	Vertical



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Test Band = SA Band7_20MHz_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.36	-45.47	32.92	-66.45	-25.00	41.45	154	195	Horizontal
2	7596.2700	38.71	-42.94	36.39	-63.10	-25.00	38.10	156	332	Horizontal
3	10128.3600	33.50	-39.23	38.70	-62.29	-25.00	37.29	236	3	Horizontal
4	12660.4500	31.77	-37.05	39.39	-61.15	-25.00	36.15	259	136	Horizontal
5	15192.5400	29.19	-33.99	38.96	-61.10	-25.00	36.10	188	226	Horizontal
6	17724.6300	32.09	-34.18	40.33	-57.01	-25.00	32.01	175	255	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.83	-45.47	32.92	-65.98	-25.00	40.98	152	300	Vertical
2	7596.2700	39.05	-42.94	36.39	-62.76	-25.00	37.76	144	196	Vertical
3	10128.3600	33.94	-39.23	38.70	-61.85	-25.00	36.85	186	103	Vertical
4	12660.4500	31.78	-37.05	39.39	-61.14	-25.00	36.14	291	255	Vertical
5	15192.5400	28.61	-33.99	38.96	-61.68	-25.00	36.68	174	314	Vertical
6	17724.6300	32.18	-34.18	40.33	-56.92	-25.00	31.92	142	357	Vertical



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Test Band = NSA 2A_n7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4003.5	41.76	-46.03	30.81	-68.72	-25.00	43.72	254	79	Horizontal
2	5436	40.61	-45.28	32.84	-67.09	-25.00	42.09	178	48	Horizontal
3	7580.25	37.00	-42.97	36.40	-64.83	-25.00	39.83	291	48	Horizontal
4	8931.75	33.95	-41.16	38.16	-64.31	-25.00	39.31	246	257	Horizontal
5	11310.75	26.88	-37.41	39.11	-66.68	-25.00	41.68	230	227	Horizontal
6	13838.25	25.25	-36.04	39.99	-66.05	-25.00	41.05	172	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3492	43.69	-46.26	29.51	-68.32	-25.00	43.32	297	270	Vertical
2	5156.25	41.19	-45.32	32.97	-66.42	-25.00	41.42	256	301	Vertical
3	7599.75	40.05	-42.93	36.39	-61.75	-25.00	36.75	235	242	Vertical
4	9456.75	32.89	-40.06	38.48	-63.95	-25.00	38.95	124	123	Vertical
5	11397.75	26.51	-37.37	39.11	-67.01	-25.00	42.01	185	316	Vertical
6	14523	23.31	-34.94	39.99	-66.90	-25.00	41.90	246	270	Vertical



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Test Band = NSA 2A_n7A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7224.75	36.41	-43.50	36.59	-65.77	-25.00	40.77	278	343	Horizontal
2	8497.5	34.10	-41.62	37.53	-65.24	-25.00	40.24	188	313	Horizontal
3	10630.5	25.58	-38.29	39.08	-68.89	-25.00	43.89	156	165	Horizontal
4	12018	23.36	-37.58	38.98	-70.49	-25.00	45.49	264	75	Horizontal
5	14677.5	21.59	-34.79	39.83	-68.63	-25.00	43.63	123	282	Horizontal
6	17197.5	26.78	-34.98	38.61	-64.85	-25.00	39.85	241	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6992.25	38.22	-43.59	36.07	-64.56	-25.00	39.56	139	151	Vertical
2	8457	35.08	-41.55	37.45	-64.28	-25.00	39.28	258	257	Vertical
3	11236.5	25.64	-37.40	39.11	-67.91	-25.00	42.91	246	213	Vertical
4	13379.25	23.87	-36.43	40.13	-67.69	-25.00	42.69	274	0	Vertical
5	15183.75	22.64	-34.09	38.97	-67.74	-25.00	42.74	144	357	Vertical
6	16479.75	25.60	-33.97	37.88	-65.75	-25.00	40.75	240	122	Vertical



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Test Band = NSA 2A_n7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5352	39.88	-45.20	32.85	-67.73	-25.00	42.73	138	356	Horizontal
2	7830	35.07	-42.46	36.81	-65.84	-25.00	40.84	297	325	Horizontal
3	9608.25	30.69	-39.65	38.43	-65.79	-25.00	40.79	145	44	Horizontal
4	12648	23.82	-37.17	39.36	-69.24	-25.00	44.24	165	14	Horizontal
5	14547	22.99	-35.05	39.98	-67.34	-25.00	42.34	244	341	Horizontal
6	15863.25	23.90	-33.82	38.09	-67.09	-25.00	42.09	217	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	44.78	-45.54	32.44	-63.57	-25.00	38.57	184	64	Vertical
2	7161	37.33	-43.73	36.50	-65.16	-25.00	40.16	277	242	Vertical
3	10337.25	27.49	-39.06	38.84	-67.99	-25.00	42.99	189	21	Vertical
4	12831	24.59	-36.92	39.66	-67.93	-25.00	42.93	239	0	Vertical
5	14607.75	23.09	-35.24	39.93	-67.48	-25.00	42.48	256	168	Vertical
6	16447.5	26.28	-34.18	37.82	-65.34	-25.00	40.34	241	273	Vertical



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Test Band = NSA 5A_n7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	42.99	-45.54	32.44	-65.36	-25.00	40.36	279	243	Horizontal
2	5844	40.79	-44.85	33.83	-65.48	-25.00	40.48	285	108	Horizontal
3	7583.25	37.37	-42.97	36.40	-64.46	-25.00	39.46	156	62	Horizontal
4	9456.75	33.02	-40.06	38.48	-63.82	-25.00	38.82	234	168	Horizontal
5	11334.75	26.69	-37.40	39.11	-66.86	-25.00	41.86	185	286	Horizontal
6	13842.75	25.52	-35.99	40.00	-65.74	-25.00	40.74	155	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3367.5	43.13	-46.34	29.47	-69.00	-25.00	44.00	129	47	Vertical
2	4843.5	45.58	-45.54	32.44	-62.77	-25.00	37.77	330	61	Vertical
3	7600.5	39.89	-42.93	36.39	-61.91	-25.00	36.91	194	242	Vertical
4	9082.5	33.14	-40.46	38.26	-64.33	-25.00	39.33	275	0	Vertical
5	11390.25	27.32	-37.37	39.11	-66.20	-25.00	41.20	266	316	Vertical
6	13608	24.98	-36.09	40.14	-66.22	-25.00	41.22	184	92	Vertical



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Test Band = NSA 5A_n7A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6797.25	38.65	-44.16	35.83	-64.94	-25.00	39.94	138	356	Horizontal
2	8408.25	35.45	-41.46	37.35	-63.93	-25.00	38.93	297	222	Horizontal
3	10692	25.22	-37.93	39.13	-68.83	-25.00	43.83	160	296	Horizontal
4	12787.5	24.52	-36.81	39.61	-67.94	-25.00	42.94	241	59	Horizontal
5	14442.75	22.80	-34.82	40.05	-67.23	-25.00	42.23	189	59	Horizontal
6	16484.25	26.25	-33.94	37.89	-65.06	-25.00	40.06	288	328	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6331.5	38.80	-44.50	34.48	-66.48	-25.00	41.48	132	4	Vertical
2	7043.25	38.43	-43.84	36.19	-64.47	-25.00	39.47	254	62	Vertical
3	8404.5	35.09	-41.46	37.34	-64.29	-25.00	39.29	270	243	Vertical
4	10830.75	25.20	-38.36	39.20	-69.23	-25.00	44.23	167	228	Vertical
5	14399.25	22.63	-34.81	40.08	-67.36	-25.00	42.36	287	228	Vertical
6	16479	25.56	-33.98	37.88	-65.79	-25.00	40.79	146	48	Vertical



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Test Band = NSA 5A_n7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7519.5	36.21	-43.10	36.43	-65.72	-25.00	40.72	274	46	Horizontal
2	8970.75	33.14	-41.07	38.18	-65.01	-25.00	40.01	188	359	Horizontal
3	10595.25	25.77	-38.49	39.06	-68.92	-25.00	43.92	293	14	Horizontal
4	11259.75	26.04	-37.41	39.11	-67.52	-25.00	42.52	263	282	Horizontal
5	13777.5	24.93	-36.35	39.98	-66.69	-25.00	41.69	148	360	Horizontal
6	16323	25.56	-34.60	37.68	-66.62	-25.00	41.62	182	150	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6662.25	38.46	-44.01	35.56	-65.25	-25.00	40.25	129	168	Vertical
2	8404.5	35.40	-41.46	37.34	-63.98	-25.00	38.98	239	257	Vertical
3	9417.75	31.45	-39.90	38.49	-65.23	-25.00	40.23	274	122	Vertical
4	12096.75	24.32	-37.35	39.05	-69.24	-25.00	44.24	188	168	Vertical
5	13387.5	23.21	-36.38	40.14	-68.30	-25.00	43.30	155	0	Vertical
6	15156.75	23.37	-34.37	39.01	-67.25	-25.00	42.25	146	0	Vertical



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Test Band = NSA 7A_n7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4438.5	41.89	-45.78	31.55	-67.60	-25.00	42.60	132	268	Horizontal
2	5606.25	41.17	-45.06	33.04	-66.10	-25.00	41.10	245	102	Horizontal
3	8427.75	36.41	-41.50	37.39	-62.96	-25.00	37.96	286	206	Horizontal
4	10347	28.43	-39.05	38.85	-67.04	-25.00	42.04	277	1	Horizontal
5	12790.5	25.38	-36.82	39.61	-67.08	-25.00	42.08	170	0	Horizontal
6	16650	27.16	-34.52	38.20	-64.43	-25.00	39.43	162	268	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3964.5	41.83	-46.13	30.72	-68.84	-25.00	43.84	124	153	Vertical
2	4843.5	45.26	-45.54	32.44	-63.09	-25.00	38.09	278	66	Vertical
3	6360.75	40.10	-44.46	34.54	-65.08	-25.00	40.08	196	287	Vertical
4	8454.75	35.93	-41.54	37.44	-63.43	-25.00	38.43	302	258	Vertical
5	12221.25	25.29	-37.47	39.12	-68.32	-25.00	43.32	145	139	Vertical
6	15157.5	24.43	-34.36	39.01	-66.18	-25.00	41.18	216	0	Vertical



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Test Band = NSA 7A_n7A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3173.25	42.65	-45.88	29.64	-68.85	-25.00	43.85	139	299	Horizontal
2	4722.75	40.14	-45.59	32.08	-68.62	-25.00	43.62	284	60	Horizontal
3	6994.5	38.09	-43.58	36.07	-64.68	-25.00	39.68	244	105	Horizontal
4	9542.25	31.80	-39.99	38.45	-65.00	-25.00	40.00	156	343	Horizontal
5	11199	25.73	-37.40	39.11	-67.82	-25.00	42.82	274	254	Horizontal
6	14391	22.32	-34.92	40.09	-67.78	-25.00	42.78	156	164	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	45.01	-45.54	32.44	-63.34	-25.00	38.34	293	65	Vertical
2	6444.75	38.54	-44.50	34.80	-66.42	-25.00	41.42	246	34	Vertical
3	9365.25	30.33	-39.97	38.46	-66.43	-25.00	41.43	244	154	Vertical
4	11595.75	22.68	-36.92	38.89	-70.60	-25.00	45.60	175	169	Vertical
5	13860	24.08	-35.83	40.01	-67.00	-25.00	42.00	142	154	Vertical
6	16501.5	25.71	-33.85	37.93	-65.47	-25.00	40.47	166	1	Vertical



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Test Band = NSA 7A_n7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3907.5	41.09	-46.26	30.58	-69.85	-25.00	44.85	169	150	Horizontal
2	5047.5	40.68	-45.51	32.91	-67.19	-25.00	42.19	302	360	Horizontal
3	8410.5	35.41	-41.47	37.35	-63.97	-25.00	38.97	142	360	Horizontal
4	11905.5	23.26	-37.13	38.87	-70.26	-25.00	45.26	175	120	Horizontal
5	13858.5	24.30	-35.84	40.01	-66.79	-25.00	41.79	155	359	Horizontal
6	16669.5	26.43	-34.50	38.22	-65.11	-25.00	40.11	268	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3125.25	47.07	-46.14	29.56	-64.77	-25.00	39.77	249	73	Vertical
2	4074	40.99	-45.83	30.91	-69.19	-25.00	44.19	309	194	Vertical
3	6992.25	38.09	-43.59	36.07	-64.69	-25.00	39.69	287	357	Vertical
4	11834.25	22.78	-36.99	38.79	-70.69	-25.00	45.69	145	1	Vertical
5	13839	24.14	-36.03	40.00	-67.15	-25.00	42.15	260	30	Vertical
6	16461	25.64	-34.09	37.85	-65.87	-25.00	40.87	124	357	Vertical



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Test Band = NR CA 2A_n7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3473.25	43.02	-46.27	29.50	-69.01	-25.00	44.01	215	273	Horizontal
2	4500.75	41.69	-45.71	31.61	-67.67	-25.00	42.67	145	7	Horizontal
3	4843.5	45.75	-45.54	32.44	-62.60	-25.00	37.60	186	316	Horizontal
4	5555.25	41.35	-45.15	32.97	-66.09	-25.00	41.09	122	3	Horizontal
5	6979.5	40.48	-43.66	36.06	-62.39	-25.00	37.39	195	107	Horizontal
6	9320.25	36.55	-40.14	38.43	-60.42	-25.00	35.42	188	213	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	49.30	-45.67	30.12	-61.51	-25.00	36.51	254	331	Vertical
2	4826.25	41.37	-45.54	32.39	-67.03	-25.00	42.03	125	344	Vertical
3	6438.75	40.62	-44.49	34.78	-64.35	-25.00	39.35	166	272	Vertical
4	8031.75	38.99	-42.04	37.02	-61.28	-25.00	36.28	133	60	Vertical
5	11503.5	32.21	-37.30	39.00	-61.35	-25.00	36.35	215	272	Vertical
6	12224.25	32.53	-37.47	39.12	-61.08	-25.00	36.08	198	29	Vertical



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Test Band = NR CA 2A_n7A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	42.85	-45.67	30.12	-67.96	-25.00	42.96	255	29	Horizontal
2	4843.5	45.90	-45.54	32.44	-62.45	-25.00	37.45	148	315	Horizontal
3	6052.5	41.00	-44.63	34.15	-64.74	-25.00	39.74	178	255	Horizontal
4	7749.75	39.54	-42.72	36.68	-61.76	-25.00	36.76	189	195	Horizontal
5	10020.75	35.70	-39.22	38.52	-60.25	-25.00	35.25	156	2	Horizontal
6	11574	31.99	-37.01	38.92	-61.36	-25.00	36.36	133	16	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.80	-45.67	30.12	-64.01	-25.00	39.01	144	357	Vertical
2	4843.5	45.62	-45.54	32.44	-62.73	-25.00	37.73	126	226	Vertical
3	5941.5	41.49	-44.91	34.02	-64.66	-25.00	39.66	153	332	Vertical
4	7187.25	40.12	-43.52	36.57	-62.09	-25.00	37.09	216	166	Vertical
5	9102	36.83	-40.35	38.27	-60.51	-25.00	35.51	158	62	Vertical
6	10667.25	33.78	-38.07	39.11	-60.44	-25.00	35.44	199	0	Vertical



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Test Band = NR CA 2A_n7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3804.75	42.10	-45.94	30.34	-68.76	-25.00	43.76	245	0	Horizontal
2	5958.75	41.41	-44.89	34.05	-64.69	-25.00	39.69	126	168	Horizontal
3	8337	38.67	-41.80	37.25	-61.14	-25.00	36.14	258	347	Horizontal
4	11214	33.22	-37.39	39.11	-60.32	-25.00	35.32	195	48	Horizontal
5	13604.25	31.87	-36.08	40.15	-59.33	-25.00	34.33	142	77	Horizontal
6	14523.75	30.44	-34.95	39.99	-59.77	-25.00	34.77	133	77	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.99	-45.67	30.12	-63.82	-25.00	38.82	215	357	Vertical
2	4531.5	45.27	-45.70	31.64	-64.05	-25.00	39.05	145	286	Vertical
3	5403.75	41.43	-45.30	32.80	-66.32	-25.00	41.32	165	331	Vertical
4	6183	40.83	-44.71	34.19	-64.94	-25.00	39.94	195	105	Vertical
5	7425.75	40.50	-43.34	36.48	-61.62	-25.00	36.62	185	105	Vertical
6	8845.5	37.74	-41.25	38.11	-60.66	-25.00	35.66	133	91	Vertical



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Test Band = NR CA 5A_n7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	28.21	-24.81	25.37	-66.49	-25.00	41.49	214	360	Horizontal
2	2475.2700	28.61	-23.55	27.69	-62.51	-25.00	37.51	188	274	Horizontal
3	3300.3600	42.56	-46.46	29.55	-69.60	-25.00	44.60	253	8	Horizontal
4	5004.1800	40.63	-45.63	32.88	-67.37	-25.00	42.37	271	78	Horizontal
5	7506.2700	36.55	-43.13	36.44	-65.40	-25.00	40.40	189	347	Horizontal
6	10008.3600	28.39	-39.23	38.50	-67.60	-25.00	42.60	201	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	28.07	-24.81	25.37	-66.63	-25.00	41.63	277	103	Vertical
2	2475.2700	28.64	-23.55	27.69	-62.48	-25.00	37.48	149	356	Vertical
3	3300.3600	42.50	-46.46	29.55	-69.66	-25.00	44.66	152	169	Vertical
4	5004.1800	40.82	-45.63	32.88	-67.18	-25.00	42.18	203	213	Vertical
5	7506.2700	36.54	-43.13	36.44	-65.41	-25.00	40.41	255	109	Vertical
6	10008.3600	28.28	-39.23	38.50	-67.71	-25.00	42.71	289	243	Vertical



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Test Band = NR CA 5A_n7A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	28.27	-24.80	25.37	-66.42	-25.00	41.42	244	59	Horizontal
2	2482.7700	28.80	-23.55	27.71	-62.29	-25.00	37.29	177	355	Horizontal
3	3310.3600	43.80	-46.44	29.54	-68.36	-25.00	43.36	186	357	Horizontal
4	5034.1800	41.24	-45.55	32.90	-66.67	-25.00	41.67	239	18	Horizontal
5	7551.2700	36.41	-43.03	36.41	-65.47	-25.00	40.47	214	1	Horizontal
6	10068.3600	27.84	-39.16	38.60	-67.98	-25.00	42.98	156	183	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	28.12	-24.80	25.37	-66.57	-25.00	41.57	178	358	Vertical
2	2482.7700	28.72	-23.55	27.71	-62.37	-25.00	37.37	285	360	Vertical
3	3310.3600	42.96	-46.44	29.54	-69.20	-25.00	44.20	165	243	Vertical
4	5034.1800	41.01	-45.55	32.90	-66.90	-25.00	41.90	274	25	Vertical
5	7551.2700	36.54	-43.03	36.41	-65.34	-25.00	40.34	156	9	Vertical
6	10068.3600	27.82	-39.16	38.60	-68.00	-25.00	43.00	299	1	Vertical



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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = NR CA 5A_n7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	28.32	-24.79	25.37	-66.36	-25.00	41.36	287	9	Horizontal
2	2490.2700	28.52	-23.54	27.74	-62.54	-25.00	37.54	209	358	Horizontal
3	3320.3600	42.40	-46.42	29.53	-69.75	-25.00	44.75	233	242	Horizontal
4	5064.1800	40.64	-45.47	32.92	-67.17	-25.00	42.17	162	77	Horizontal
5	7596.2700	36.05	-42.94	36.39	-65.76	-25.00	40.76	210	317	Horizontal
6	10128.3600	26.93	-39.23	38.70	-68.86	-25.00	43.86	135	240	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	28.43	-24.79	25.37	-66.25	-25.00	41.25	179	360	Vertical
2	2490.2700	28.64	-23.54	27.74	-62.42	-25.00	37.42	258	155	Vertical
3	3320.3600	42.53	-46.42	29.53	-69.62	-25.00	44.62	168	302	Vertical
4	5064.1800	41.08	-45.47	32.92	-66.73	-25.00	41.73	298	107	Vertical
5	7596.2700	36.24	-42.94	36.39	-65.57	-25.00	40.57	152	257	Vertical
6	10128.3600	26.51	-39.23	38.70	-69.28	-25.00	44.28	263	1	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

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.700000	-0.000671	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.900000	-0.001538	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.100000	-0.000039	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VH	NT	-0.300000	-0.000118	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VN	NT	-1.100000	-0.000434	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VL	NT	1.300000	0.000513	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.600000	0.001026	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.800000	-0.001499	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.600000	-0.002209	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.900000	-0.002327	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-4.200000	-0.001657	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.200000	-0.002051	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.000000	-0.001183	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.700000	-0.001065	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.800000	-0.001499	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-30	-1.300000	-0.000513	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.300000	-0.000118	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-10	-0.800000	-0.000316	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	0	0.200000	0.000079	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.900000	-0.000750	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	20	1.300000	0.000513	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.600000	-0.000237	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	40	-0.500000	-0.000197	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	50	0.800000	0.000316	PASS

---End of Attachment---



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