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Appendix B.28

NR Band n2



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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 (dBm)	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.56	23.81	33	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.47	23.72	33	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.57	23.82	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.52	23.77	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.45	23.7	33	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	23.47	23.72	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	23.34	23.59	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	23.36	23.61	33	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	22.3	22.55	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	21.85	22.1	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.78	22.03	33	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.58	21.83	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	20.1	20.35	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	20.02	20.27	33	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	20	20.25	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.57	23.82	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.46	23.71	33	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.59	23.84	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.49	23.74	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.38	23.63	33	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	23.24	23.49	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	23.36	23.61	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.94	23.19	33	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	22.12	22.37	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.91	22.16	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	21.45	21.7	33	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.52	21.77	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	20.22	20.47	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	20.05	20.3	33	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	20.03	20.28	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.98	23.23	33	PASS



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N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.67	22.92	33	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	22.13	22.38	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	22.72	22.97	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	22.4	22.65	33	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	21.5	21.75	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	21.55	21.8	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	21.34	21.59	33	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	20.42	20.67	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	20.13	20.38	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	19.89	20.14	33	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	19.88	20.13	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	18.71	18.96	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	18.38	18.63	33	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	18.41	18.66	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.47	23.72	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.51	23.76	33	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	22.7	22.95	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	23.31	23.56	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	23.41	23.66	33	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	22.12	22.37	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.23	22.48	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.38	22.63	33	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	21.02	21.27	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	21.14	21.39	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	21.39	21.64	33	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	20.45	20.7	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.62	19.87	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	19.86	20.11	33	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	18.95	19.2	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.68	23.93	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.57	23.82	33	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.2	23.45	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.66	23.91	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	23.51	23.76	33	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	22.71	22.96	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	23.17	23.42	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.5	22.75	33	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	21.63	21.88	33	PASS



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N2	15	10	DFT-64QAM	M	Inner_1RB_Left	22.19	22.44	33	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.52	21.77	33	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	21.07	21.32	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	20.26	20.51	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	19.91	20.16	33	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.61	19.86	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.57	22.82	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.16	22.41	33	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	21.94	22.19	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	22.39	22.64	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	22	22.25	33	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	21.43	21.68	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	21.6	21.85	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	21.29	21.54	33	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	20.31	20.56	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	20.18	20.43	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	19.93	20.18	33	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	19.86	20.11	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	19.12	19.37	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	18.66	18.91	33	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	18.35	18.6	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.27	23.52	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.67	23.92	33	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	22.64	22.89	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	23.06	23.31	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.47	23.72	33	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	22.09	22.34	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.25	22.5	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.76	23.01	33	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	21	21.25	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	20.86	21.11	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.39	21.64	33	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	20.49	20.74	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.25	19.5	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.81	20.06	33	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	18.95	19.2	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.72	23.97	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.17	23.42	33	PASS



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N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.37	23.62	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.75	24	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.06	23.31	33	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	22.88	23.13	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	23.23	23.48	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.32	22.57	33	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	21.78	22.03	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.83	22.08	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	20.91	21.16	33	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	21.3	21.55	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	20.06	20.31	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.61	19.86	33	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	19.72	19.97	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	22.91	23.16	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	22.36	22.61	33	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	22.24	22.49	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	22.69	22.94	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	22.18	22.43	33	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	21.69	21.94	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	21.85	22.1	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	21.46	21.71	33	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	20.58	20.83	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	20.43	20.68	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	20.06	20.31	33	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	20.09	20.34	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.21	19.46	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	18.62	18.87	33	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	18.48	18.73	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.19	23.44	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.63	23.88	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	22.89	23.14	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23	23.25	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.52	23.77	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	22.34	22.59	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	21.98	22.23	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.55	22.8	33	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	21.27	21.52	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	20.77	21.02	33	PASS



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N2	15	20	DFT-64QAM	L	Inner_1RB_Right	21.33	21.58	33	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	20.74	20.99	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.87	20.12	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	20.1	20.35	33	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	19.21	19.46	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.68	23.93	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.94	23.19	33	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	23.31	23.56	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.72	23.97	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	22.75	23	33	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	22.76	23.01	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	23.01	23.26	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22	22.25	33	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	21.7	21.95	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	21.63	21.88	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	20.59	20.84	33	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	21.16	21.41	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	20.08	20.33	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.77	20.02	33	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	19.68	19.93	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.29	23.54	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.32	22.57	33	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	22.26	22.51	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.06	23.31	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	22.14	22.39	33	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	21.72	21.97	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.24	22.49	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	21.42	21.67	33	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	20.62	20.87	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	20.82	21.07	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	20.01	20.26	33	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	20.09	20.34	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.91	20.16	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.09	19.34	33	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	18.58	18.83	33	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.82	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.57	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.75	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.93	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.71	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	10.00	≤13	PASS



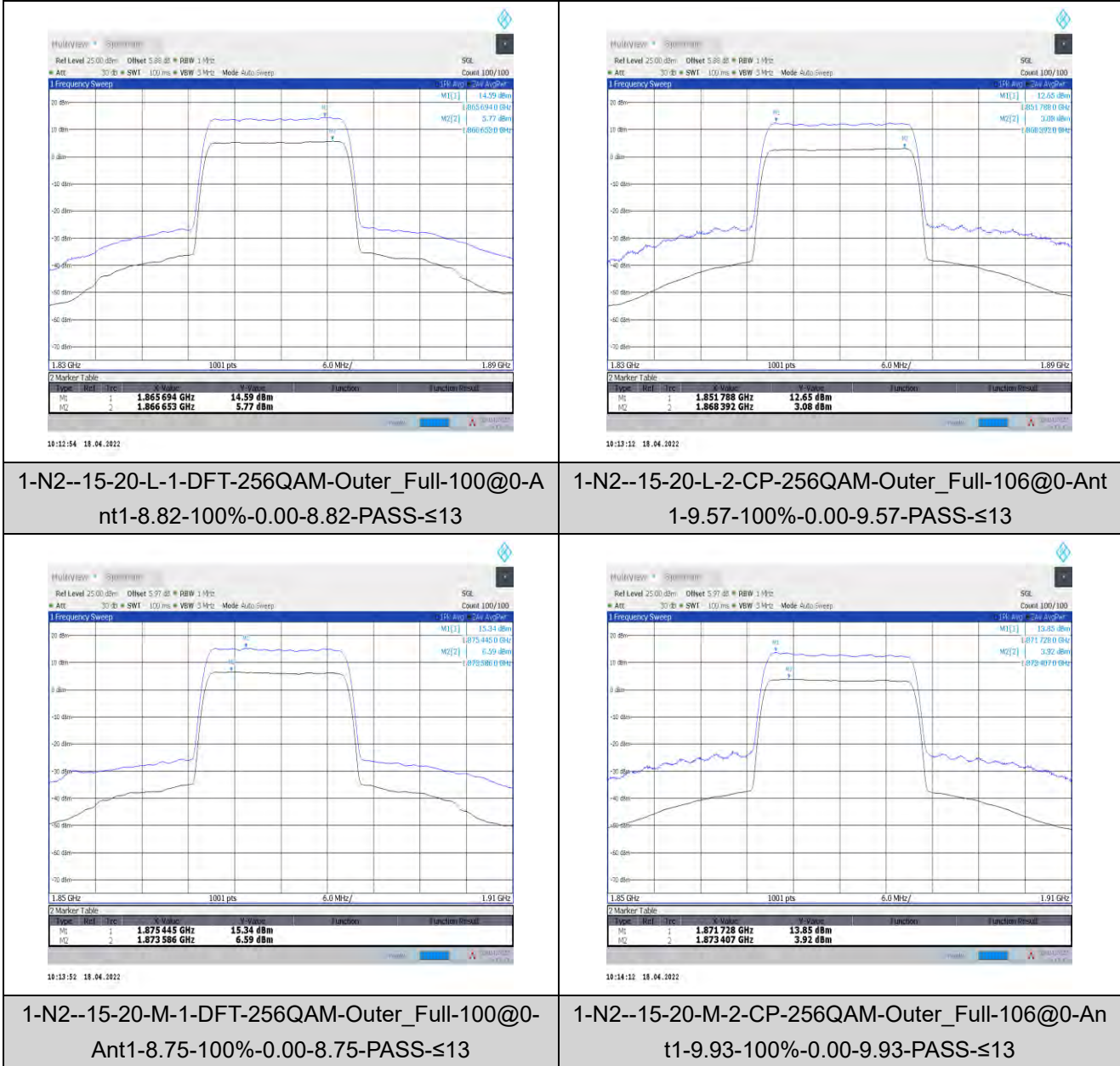
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Test Graphs



1-N2--15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.82-100%-0.00-8.82-PASS≤13

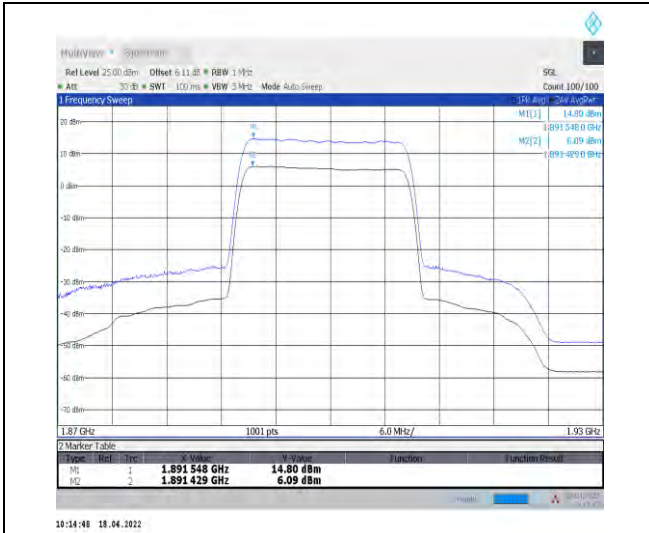
1-N2--15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant 1-9.57-100%-0.00-9.57-PASS≤13

1-N2--15-20-M-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.75-100%-0.00-8.75-PASS≤13

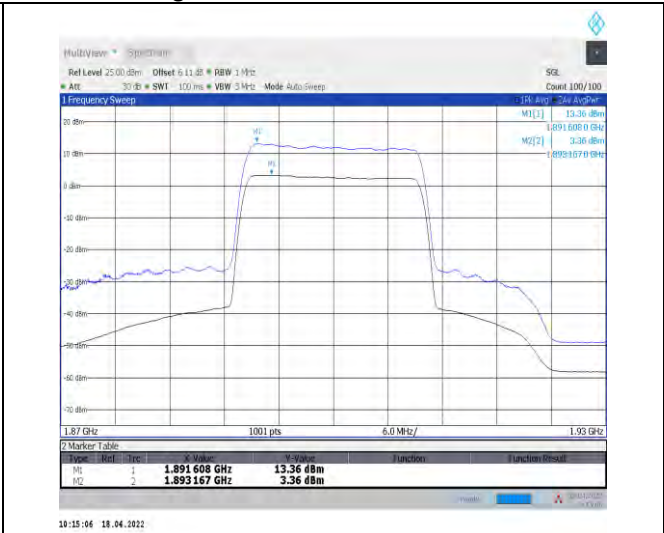
1-N2--15-20-M-2-CP-256QAM-Outer_Full-106@0-An t1-9.93-100%-0.00-9.93-PASS≤13



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1-N2--15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.71-100%-0.00-8.71-PASS-≤13



1-N2--15-20-H-2-CP-256QAM-Outer_Full-106@0-An t1-10.00-100%-0.00-10.00-PASS-≤13



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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



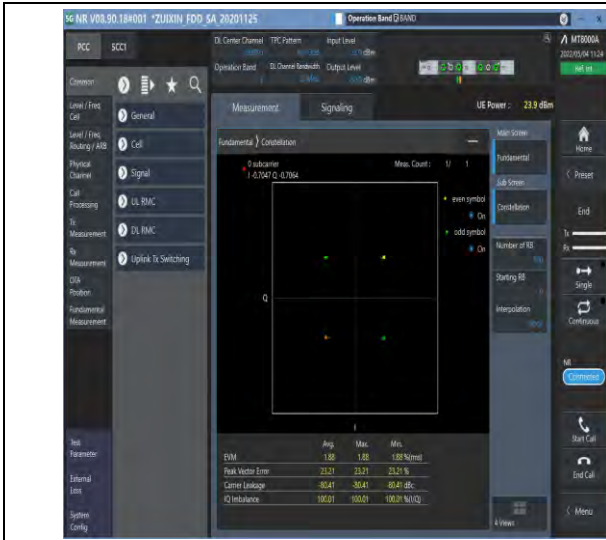
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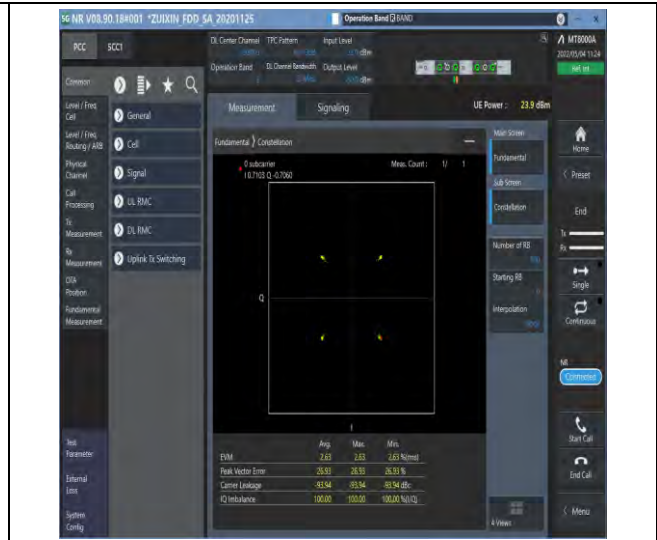
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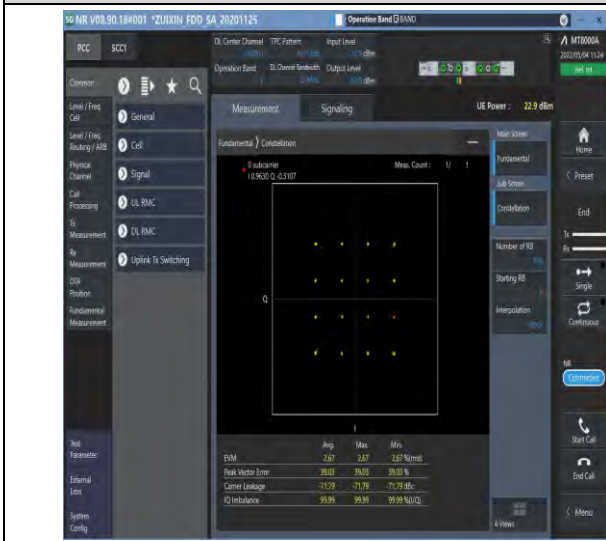
Test Graphs



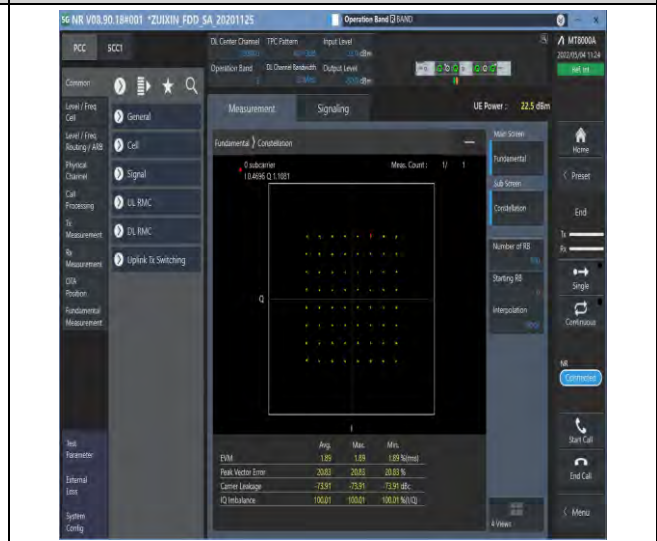
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 @0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@
 0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@
 0-Ant1-see graph-PASS



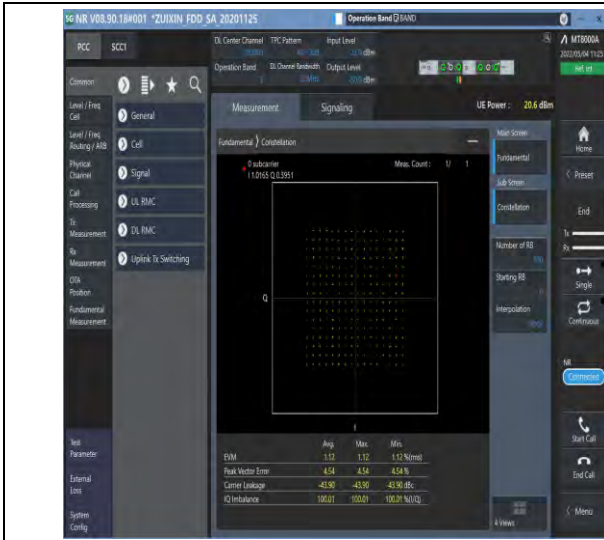
1-N2-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100
 @0-Ant1-see graph-PASS



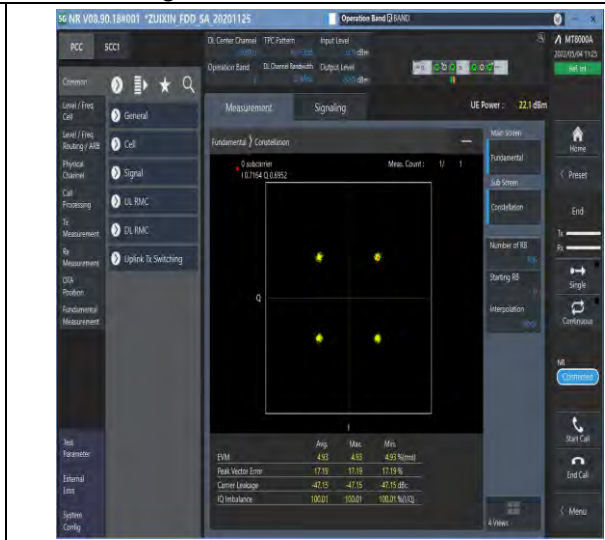
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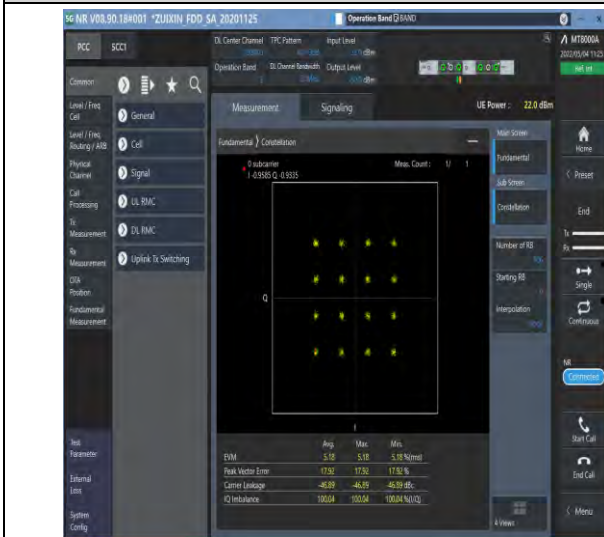
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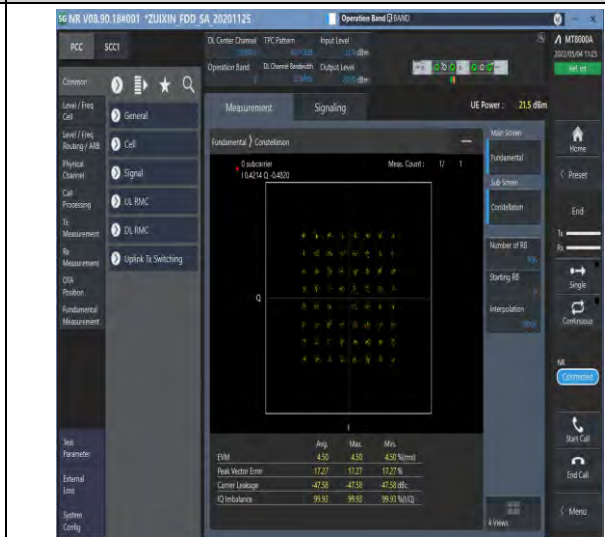
1-N2-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100 @0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-see graph-PASS

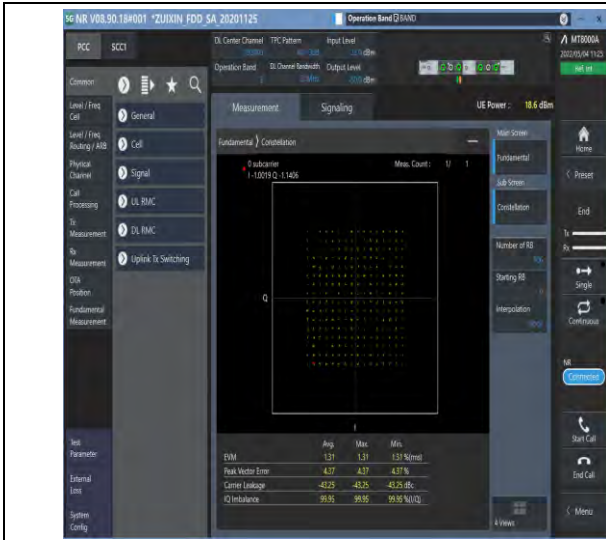


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1-N2-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@
0-Ant1-see graph-PASS



26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	4.488	5.000	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.470	5.080	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.482	5.070	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.486	5.060	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.483	5.130	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.470	5.080	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.489	5.160	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.497	5.170	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.491	5.190	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.485	5.030	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.477	5.090	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.482	5.050	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.489	5.170	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.491	5.140	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.476	5.190	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.477	5.050	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.482	5.160	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.497	5.200	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.474	4.940	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.492	5.190	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.478	5.050	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.472	5.110	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.480	5.060	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.482	5.250	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.476	5.170	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.483	5.180	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.495	5.190	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.953	9.740	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.959	9.720	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.957	9.700	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.947	9.720	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.943	9.620	PASS



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N2	15	10	CP-QPSK	L	Outer_Full	9.317	10.280	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.297	10.180	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.322	10.340	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.307	10.160	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.951	9.740	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.965	9.740	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.955	9.640	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.948	9.740	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.948	9.680	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.309	10.240	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.297	10.240	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.324	10.220	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.313	10.180	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.950	9.660	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.968	9.680	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.962	9.680	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.951	9.800	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.956	9.720	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.320	10.260	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.298	10.200	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.318	10.240	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.308	10.140	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.501	14.430	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	13.431	14.340	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.458	14.520	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.425	14.460	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.448	14.580	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.126	15.210	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.12	15.270	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.141	15.150	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.146	15.240	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.499	14.460	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.419	14.490	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.450	14.490	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.433	14.550	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.431	14.490	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.134	15.270	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.115	15.120	PASS



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N2	15	15	CP-64QAM	M	Outer_Full	14.152	15.240	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.153	15.300	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.506	14.520	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.443	14.310	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.458	14.520	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.416	14.460	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.448	14.580	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.129	15.240	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.122	15.180	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.148	15.180	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.148	15.300	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.850	18.920	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.860	19.000	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.877	18.920	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.858	19.000	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.889	18.960	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.931	20.160	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.969	20.160	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.936	20.200	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.922	20.080	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.839	18.880	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.873	18.960	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.874	19.040	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.851	19.040	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.886	18.960	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.93	20.120	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.945	20.120	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.926	20.040	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.922	20.080	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.854	18.960	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.895	19.080	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.874	18.960	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.856	19.000	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.893	19.000	PASS
N2	15	20	CP-QPSK	H	Outer_Full	18.943	20.120	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.945	20.040	PASS
N2	15	20	CP-64QAM	H	Outer_Full	18.923	20.040	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.926	20.040	PASS

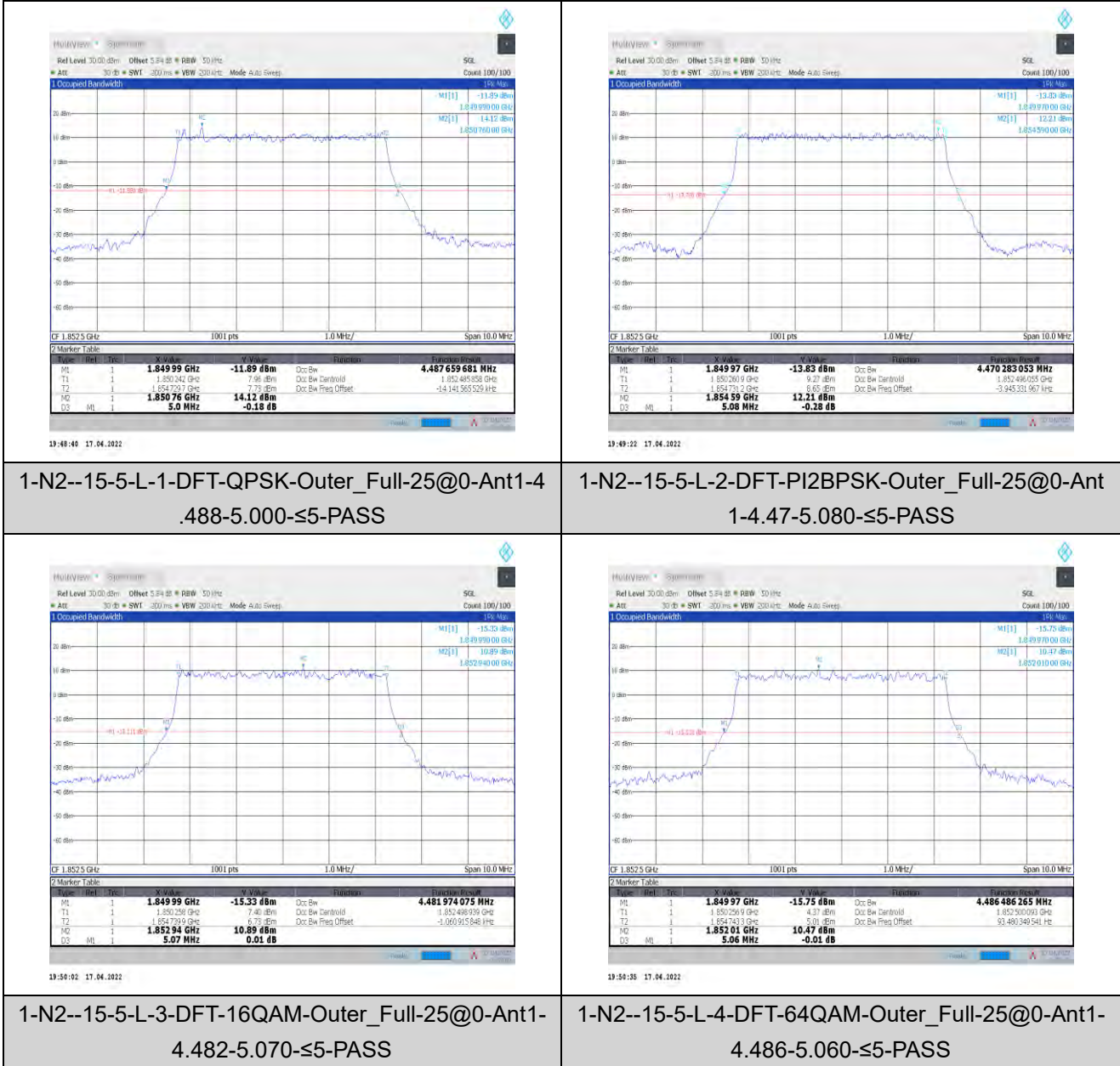


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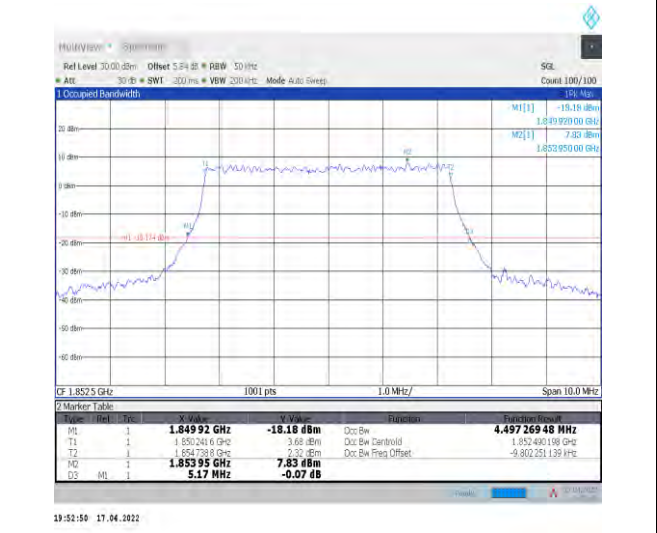
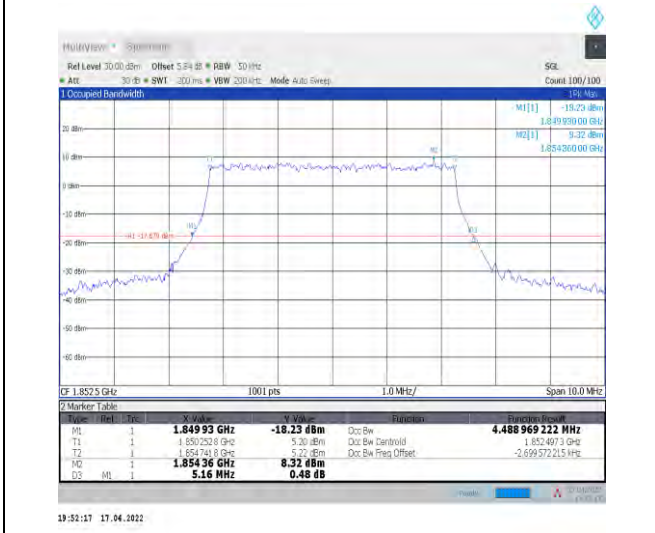
Test Graphs





1-N2--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant
 1-4.483-5.130-≤5-PASS

1-N2--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4
 7-5.080-≤5-PASS



1-N2--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4
 .489-5.160-≤5-PASS

1-N2--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4
 .497-5.170-≤5-PASS

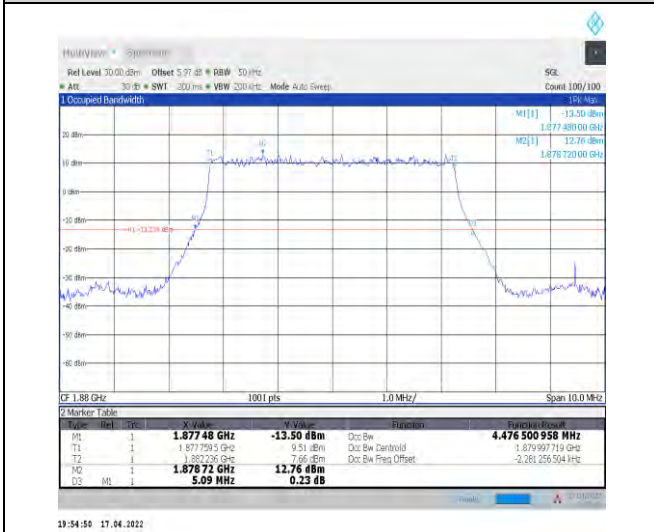




1-N2--15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.491-5.190-\leq5-PASS



1-N2--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.485-5.030-\leq5-PASS

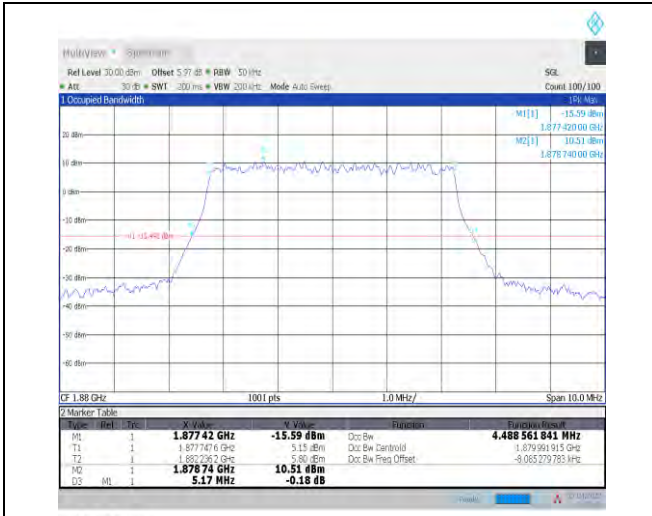


1-N2--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.477-5.090-\leq5-PASS

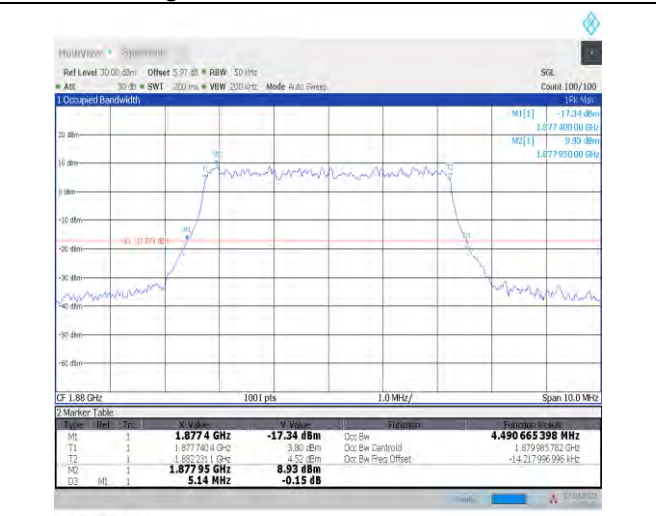


1-N2--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.482-5.050-\leq5-PASS

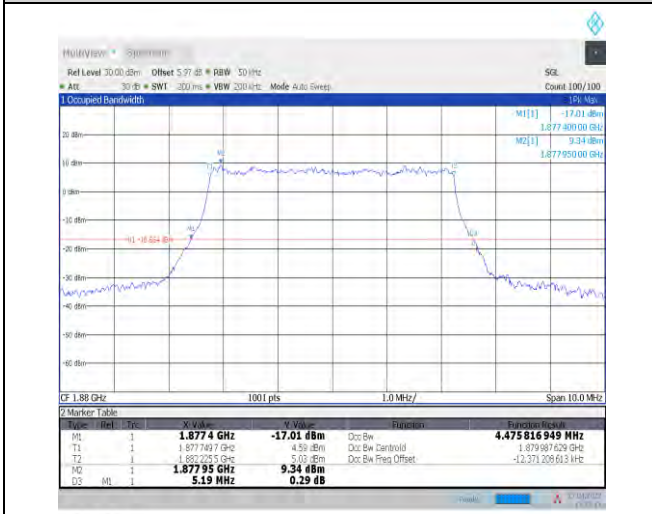




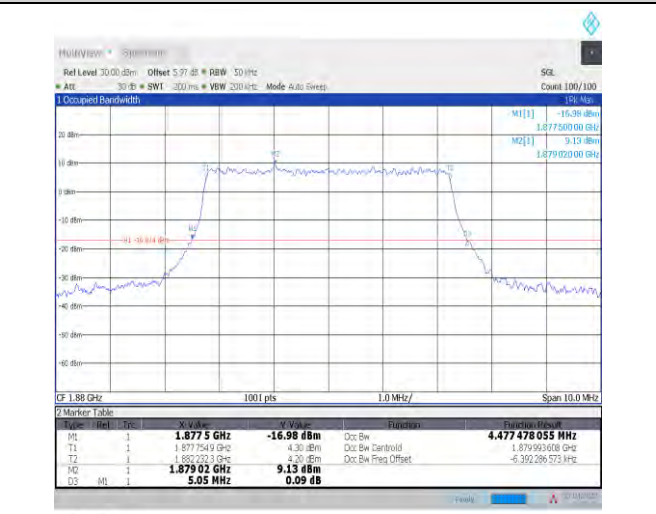
1-N2--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1
-4.489-5.170-≤5-PASS



1-N2--15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.491-5.140-≤5-PASS



1-N2--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
476-5.190-≤5-PASS



1-N2--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.477-5.050-≤5-PASS



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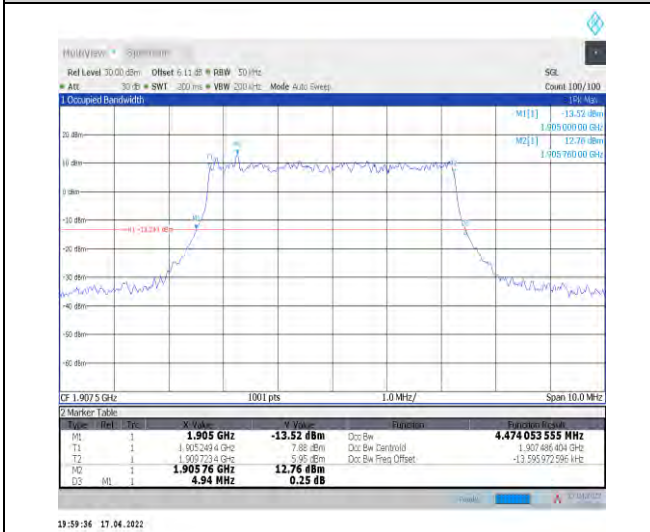
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1-N2--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.482-5.160-≤5-PASS



1-N2--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.497-5.200-≤5-PASS



1-N2--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.474-4.940-≤5-PASS



1-N2--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.492-5.190-≤5-PASS

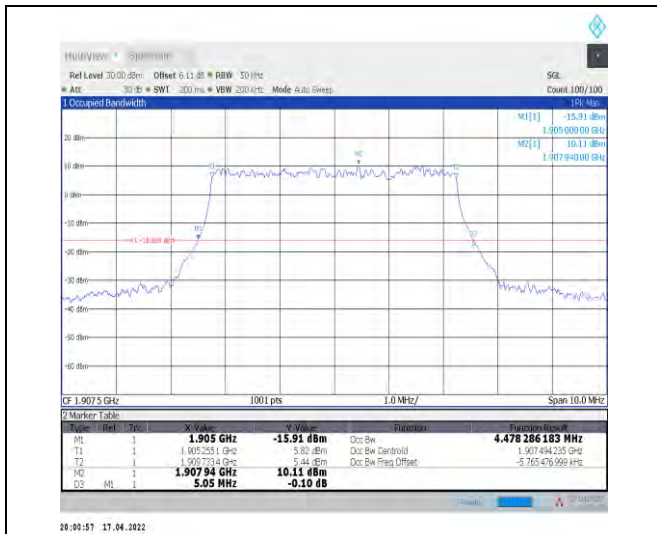


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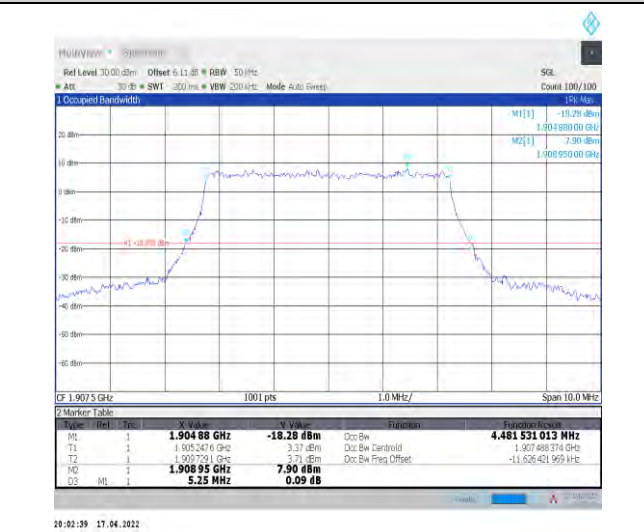
1-N2--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.478-5.050-≤5-PASS



1-N2--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.472-5.110-≤5-PASS

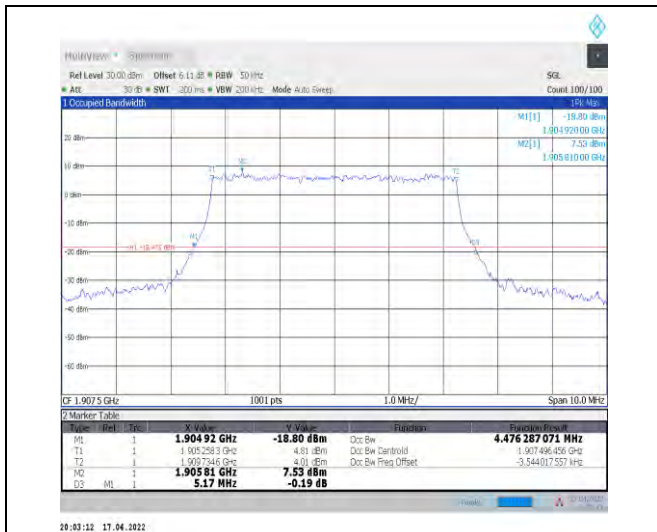


1-N2--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.48-5.060-≤5-PASS

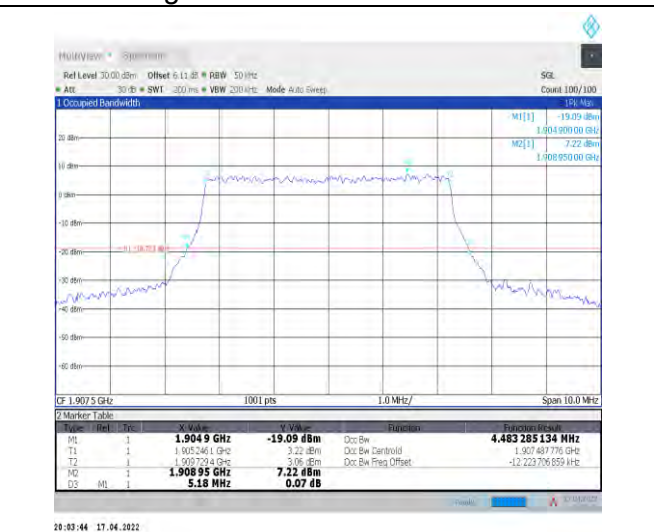


1-N2--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.482-5.250-≤5-PASS





1-N2--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.476-5.170-≤5-PASS



1-N2--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.483-5.180-≤5-PASS



1-N2--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.495-5.190-≤5-PASS

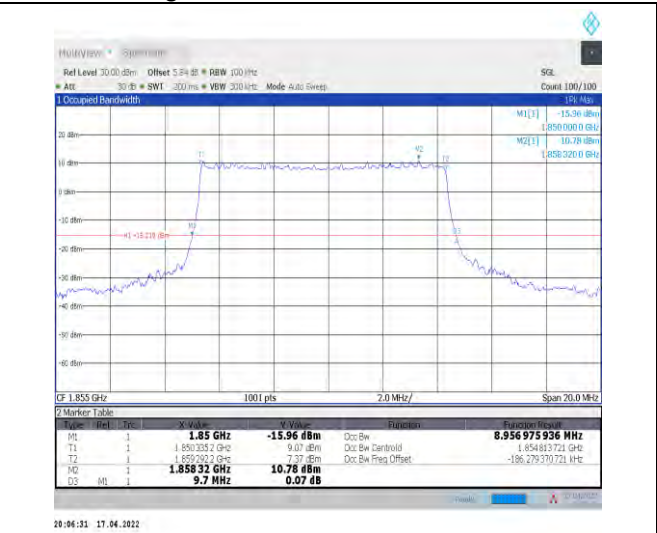


1-N2--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.953-9.740-≤10-PASS





1-N2--15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
t1-8.959-9.720-≤10-PASS



1-N2--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1
-8.957-9.700-≤10-PASS



1-N2--15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.947-9.720-≤10-PASS



1-N2--15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.943-9.620-≤10-PASS

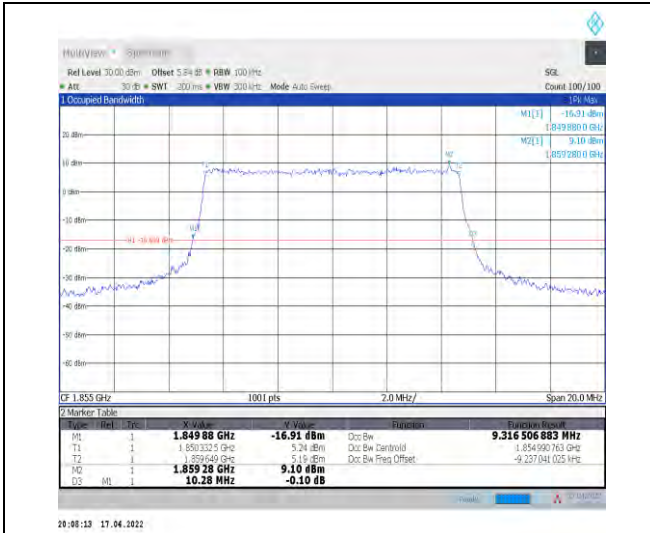


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1-N2--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9
 .317-10.280-≤10-PASS



1-N2--15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9
 9.297-10.180-≤10-PASS



1-N2--15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9
 9.322-10.340-≤10-PASS



1-N2--15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9
 -9.307-10.160-≤10-PASS



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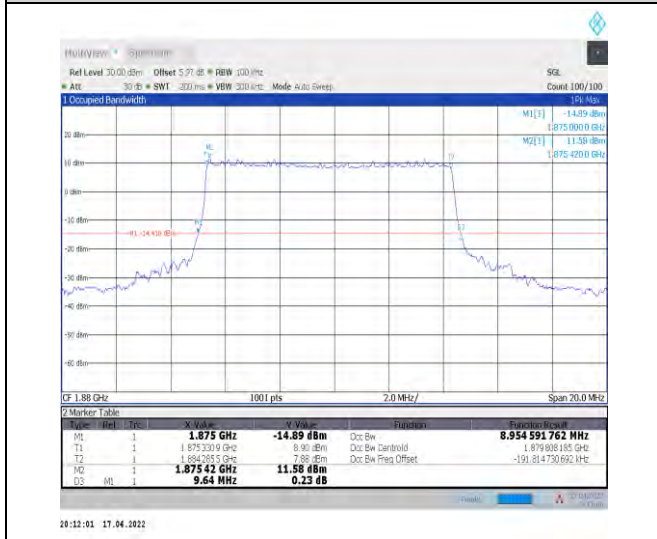
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1-N2--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
 -8.951-9.740-≤10-PASS



1-N2--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1
 8.965-9.740-≤10-PASS

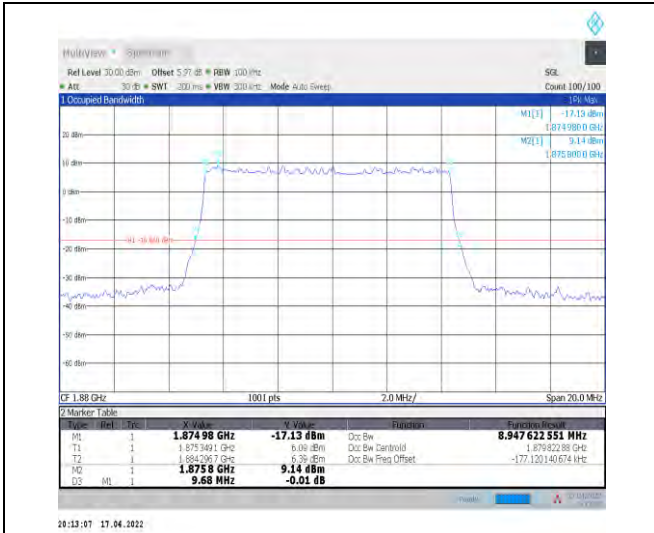


1-N2--15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1
 1-8.955-9.640-≤10-PASS

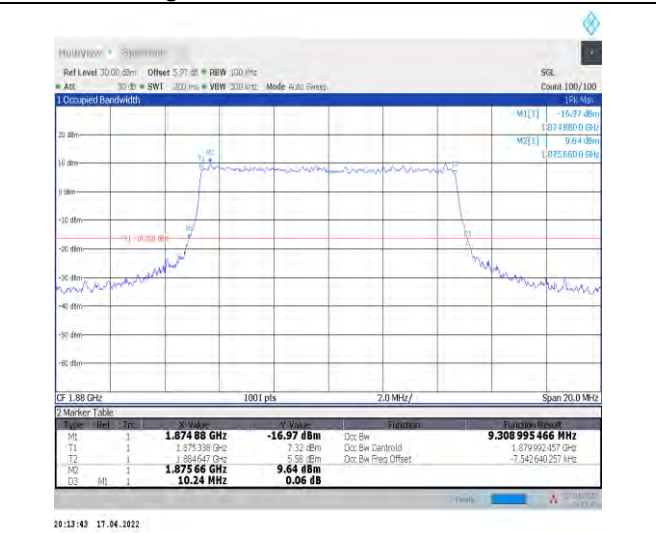


1-N2--15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1
 1-8.948-9.740-≤10-PASS

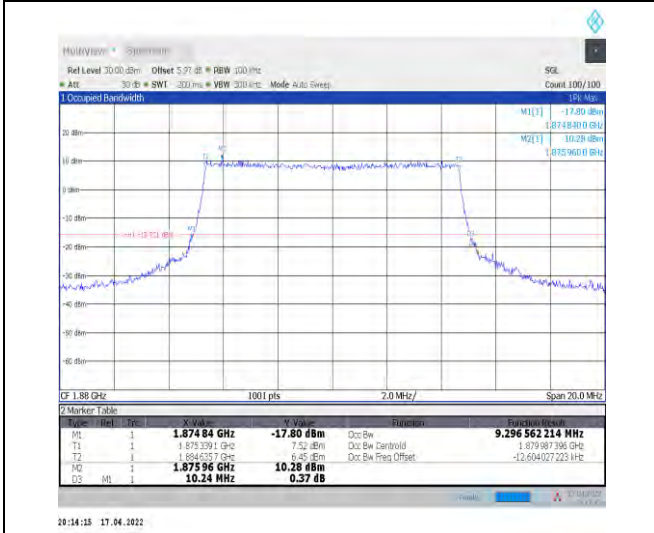




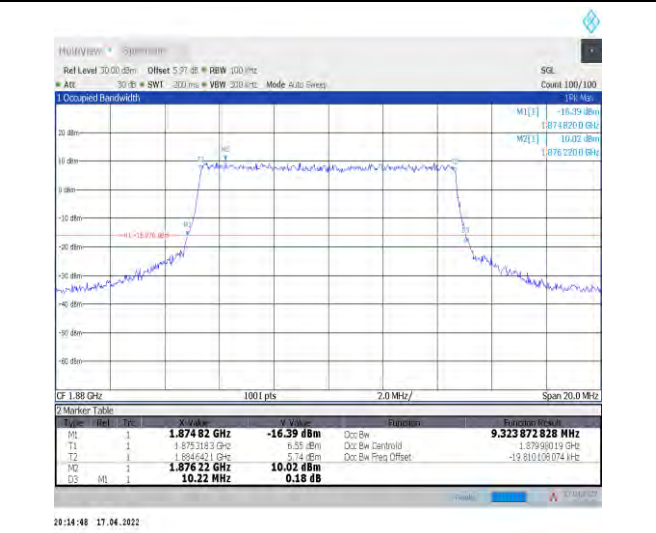
1-N2--15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.948-9.680-≤10-PASS



1-N2--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9
.309-10.240-≤10-PASS



1-N2--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1
-9.297-10.240-≤10-PASS

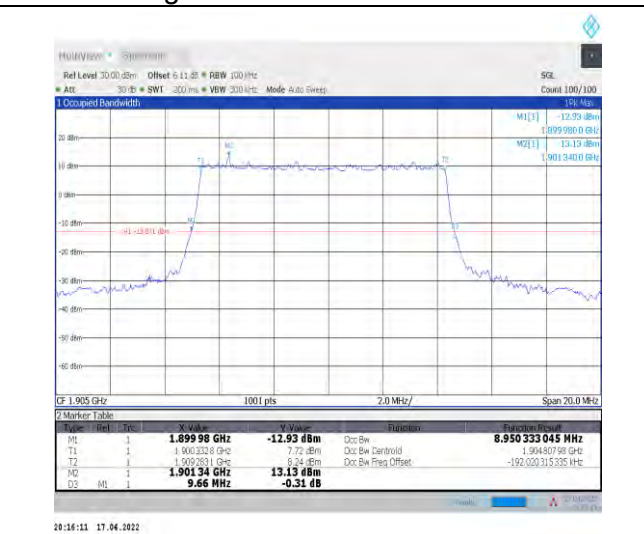


1-N2--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1
-9.324-10.220-≤10-PASS





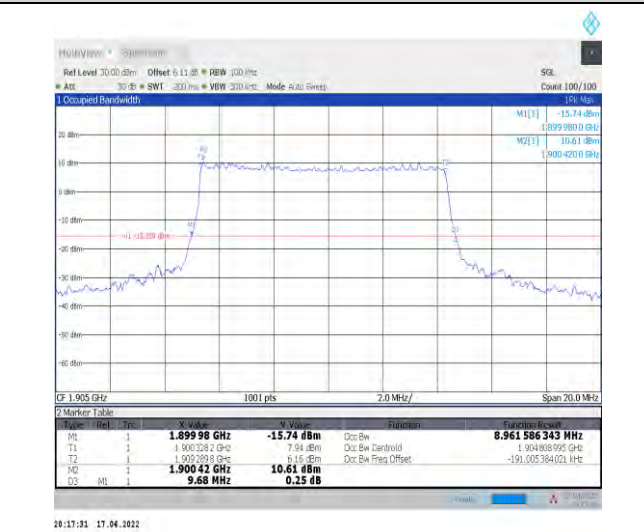
1-N2--15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
 1-9.313-10.180-≤10-PASS



1-N2--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-
 8.95-9.660-≤10-PASS



1-N2--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-A
 nt1-8.968-9.680-≤10-PASS

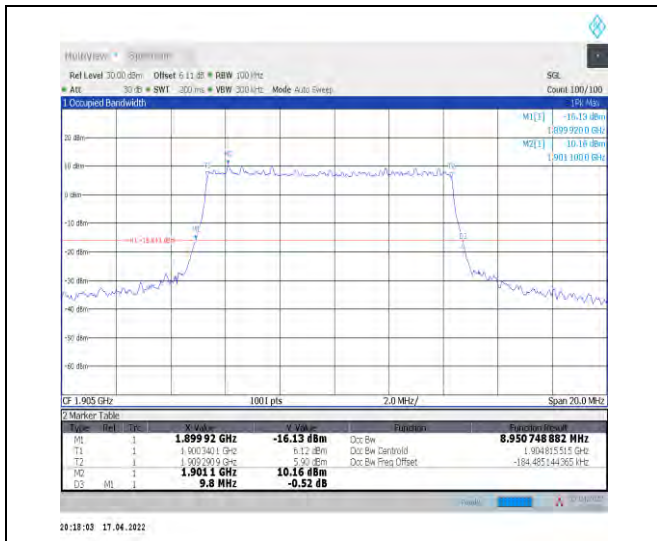


1-N2--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant
 1-8.962-9.680-≤10-PASS



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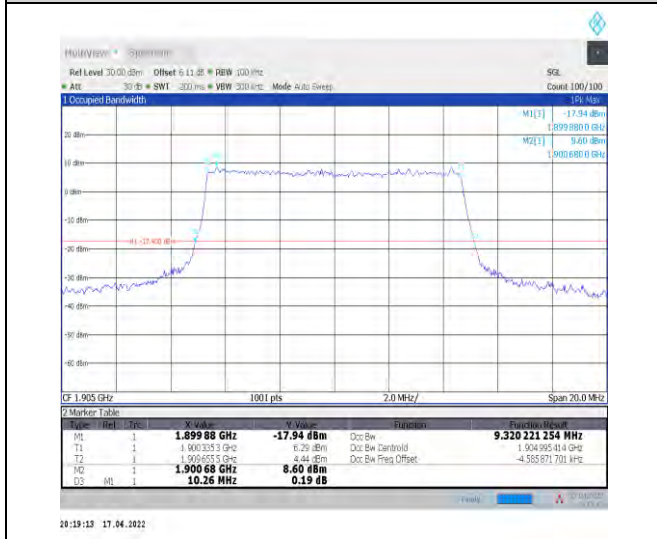
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1-N2--15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant
 1-8.951-9.800-≤10-PASS



1-N2--15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant
 t1-8.956-9.720-≤10-PASS



1-N2--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9
 .32-10.260-≤10-PASS



1-N2--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9
 9.298-10.200-≤10-PASS

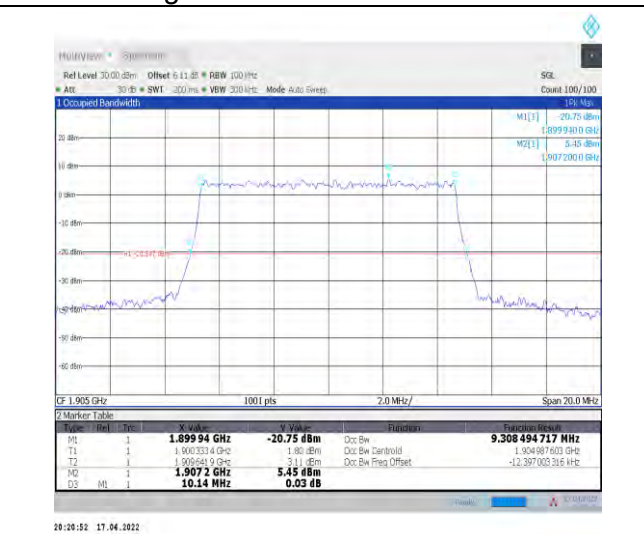


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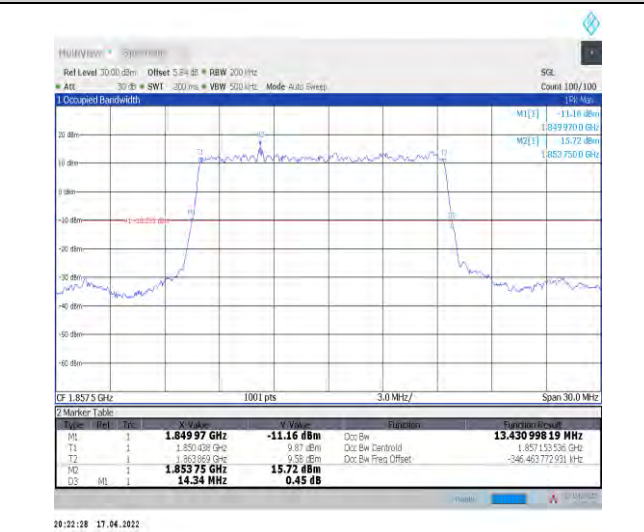
1-N2--15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1
 -9.318-10.240-≤10-PASS



1-N2--15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1
 1-9.308-10.140-≤10-PASS



1-N2--15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1
 13.501-14.430-≤15-PASS



1-N2--15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1
 t1-13.431-14.340-≤15-PASS



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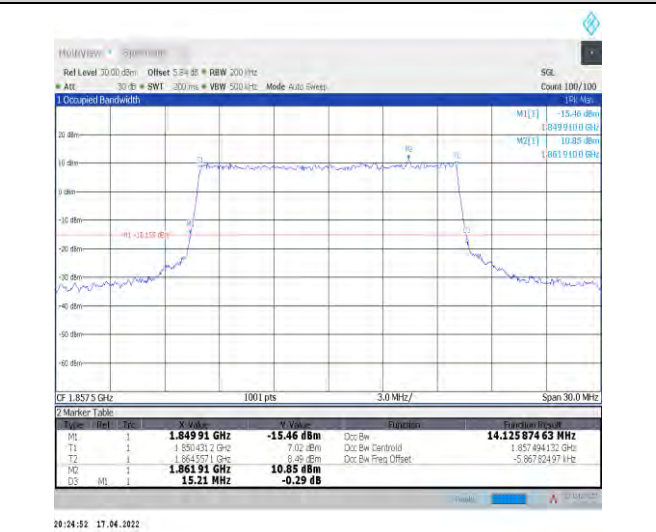
1-N2--15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.458-14.520-≤15-PASS



1-N2--15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1
-13.425-14.460-≤15-PASS



1-N2--15-15-L-5-DFT-256QAM-Outer_Full-75@0-An
t1-13.448-14.580-≤15-PASS



1-N2--15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1
4.126-15.210-≤15-PASS

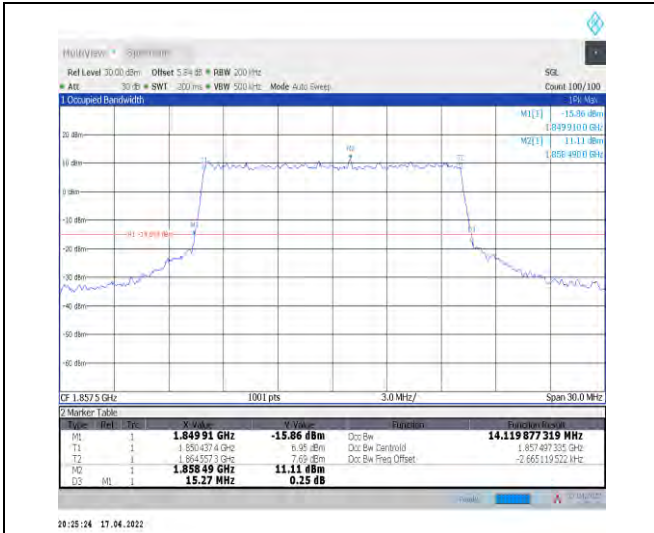


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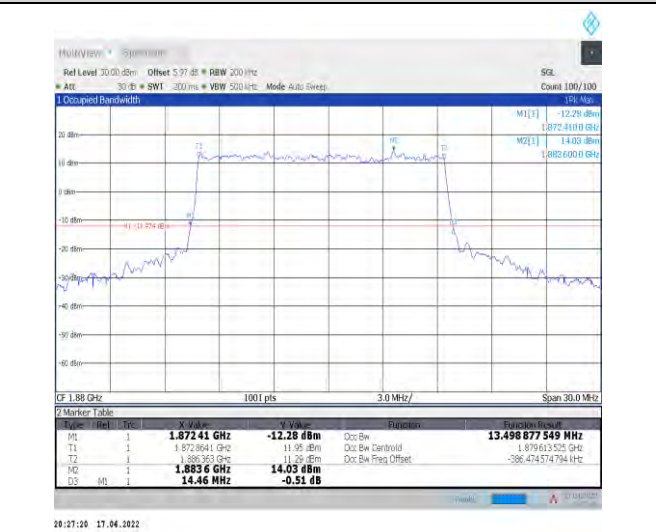
1-N2--15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.12-15.270-≤15-PASS



1-N2--15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.141-15.150-≤15-PASS



1-N2--15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.146-15.240-≤15-PASS



1-N2--15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.499-14.460-≤15-PASS



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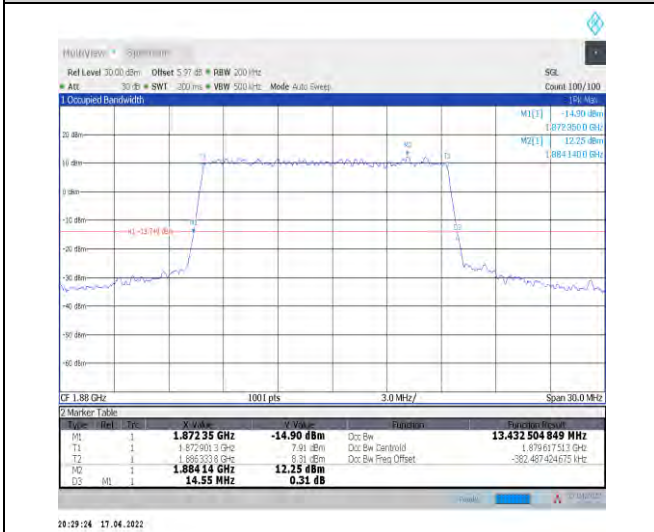
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1-N2--15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-A
nt1-13.419-14.490-≤15-PASS



1-N2--15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.45-14.490-≤15-PASS



1-N2--15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-13.433-14.550-≤15-PASS



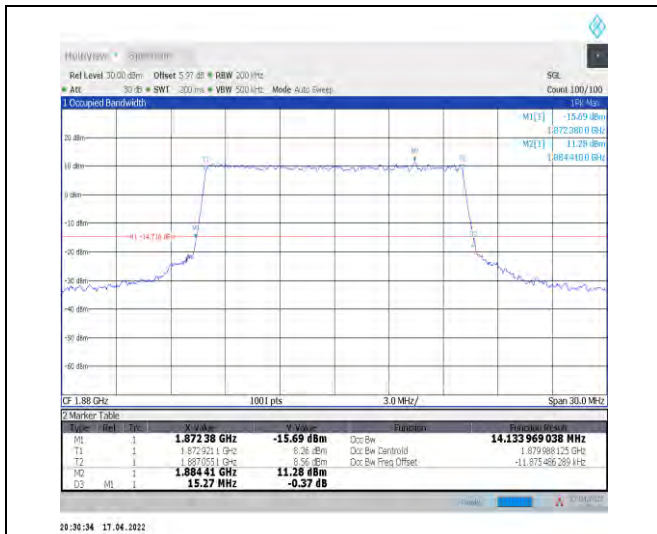
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t1-13.431-14.490-≤15-PASS



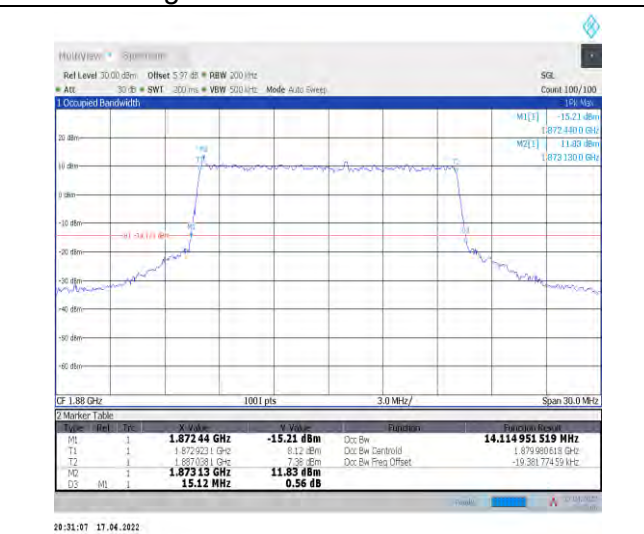
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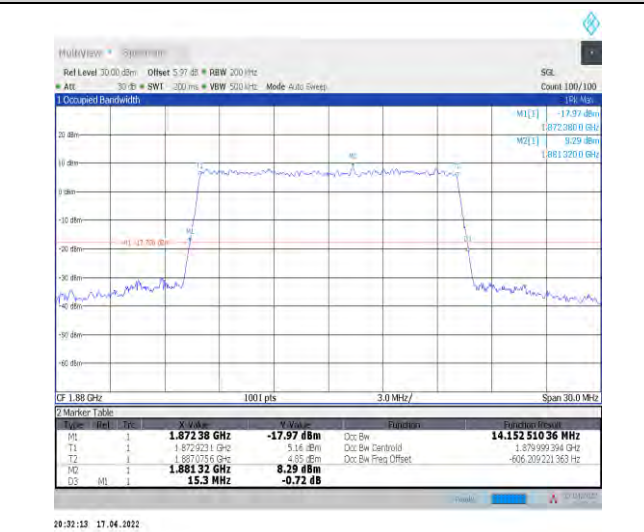
1-N2--15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.134-15.270-≤15-PASS



1-N2--15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.115-15.120-≤15-PASS



1-N2--15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.152-15.240-≤15-PASS



1-N2--15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.153-15.300-≤15-PASS



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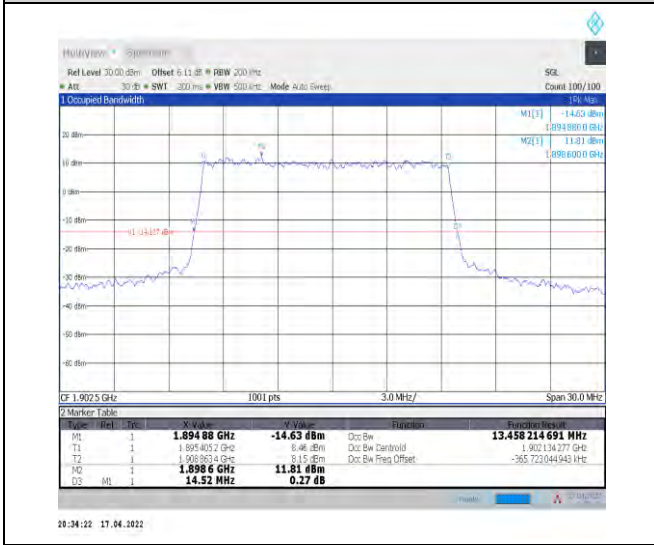
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1-N2--15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.506-14.520-≤15-PASS

1-N2--15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.443-14.310-≤15-PASS



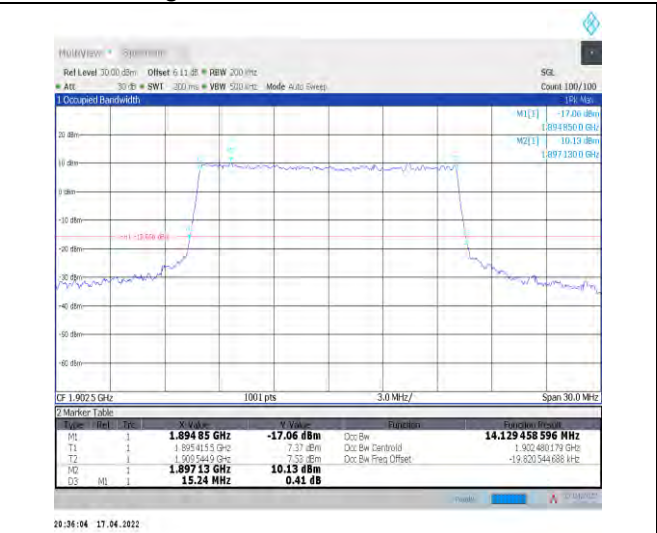
1-N2--15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.458-14.520-≤15-PASS

1-N2--15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.416-14.460-≤15-PASS

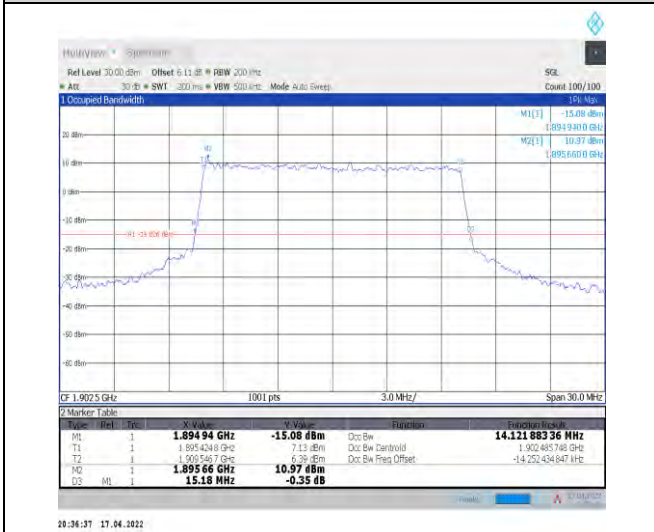




1-N2--15-15-H-5-DFT-256QAM-Outer_Full-75@0-An
t1-13.448-14.580-≤15-PASS



1-N2--15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1
4.129-15.240-≤15-PASS



1-N2--15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant1
-14.122-15.180-≤15-PASS



1-N2--15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-1
14.148-15.180-≤15-PASS



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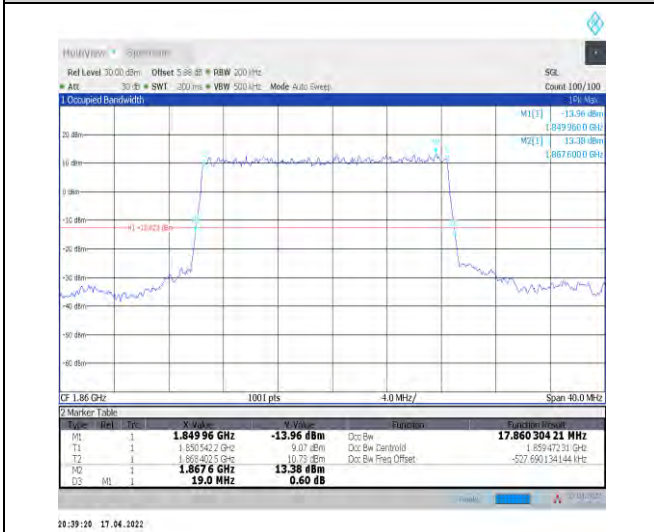
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1-N2--15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant
1-14.148-15.300-≤15-PASS



1-N2--15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1
-17.85-18.920-≤20-PASS



1-N2--15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-A
nt1-17.86-19.000-≤20-PASS



1-N2--15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant
1-17.877-18.920-≤20-PASS



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1-N2--15-20-L-4-DFT-64QAM-Outer_Full-100@0-An
 t1-17.858-19.000-<=20-PASS



1-N2--15-20-L-5-DFT-256QAM-Outer_Full-100@0-A
 nt1-17.889-18.960-<=20-PASS



1-N2--15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-
 18.931-20.160-<=20-PASS



1-N2--15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1
 -18.969-20.160-<=20-PASS

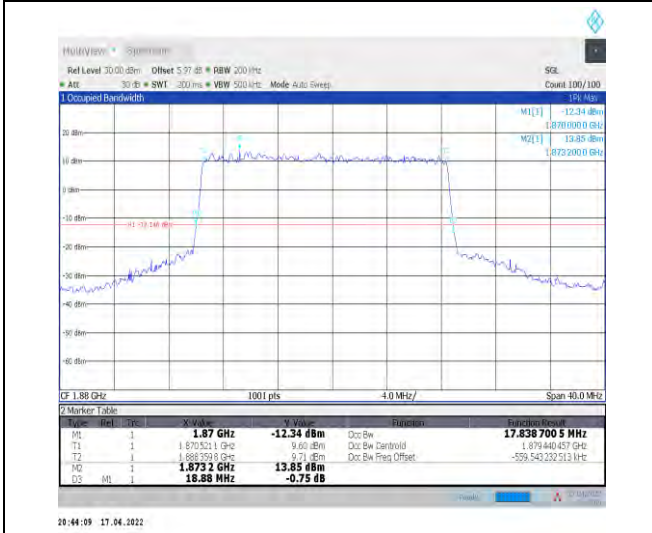




1-N2--15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant
1-18.936-20.200-≤20-PASS



1-N2--15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant
1-18.922-20.080-≤20-PASS



1-N2--15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.839-18.880-≤20-PASS



1-N2--15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant
1-17.873-18.960-≤20-PASS



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1-N2--15-20-M-3-DFT-16QAM-Outer_Full-100@0-A
 nt1-17.874-19.040-≤20-PASS



1-N2--15-20-M-4-DFT-64QAM-Outer_Full-100@0-A
 nt1-17.851-19.040-≤20-PASS



1-N2--15-20-M-5-DFT-256QAM-Outer_Full-100@0-A
 Ant1-17.886-18.960-≤20-PASS



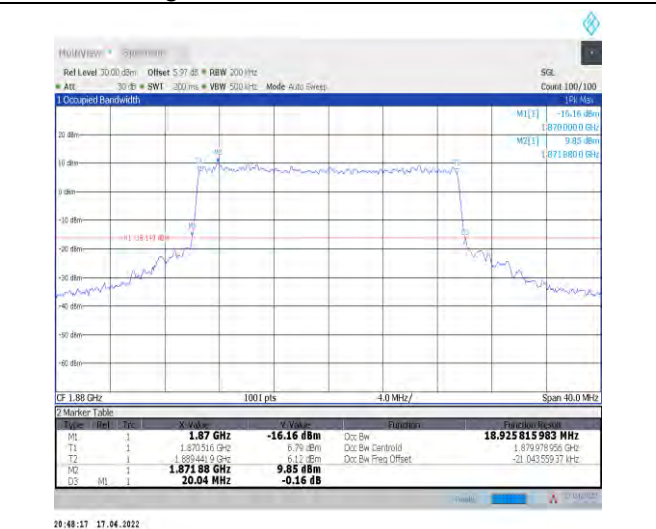
1-N2--15-20-M-6-CP-QPSK-Outer_Full-106@0-A
 nt1-18.93-20.120-≤20-PASS



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1-N2--15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant
1-18.945-20.120-≤20-PASS



1-N2--15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-18.926-20.040-≤20-PASS



1-N2--15-20-M-9-CP-256QAM-Outer_Full-106@0-A
nt1-18.922-20.080-≤20-PASS



1-N2--15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.854-18.960-≤20-PASS



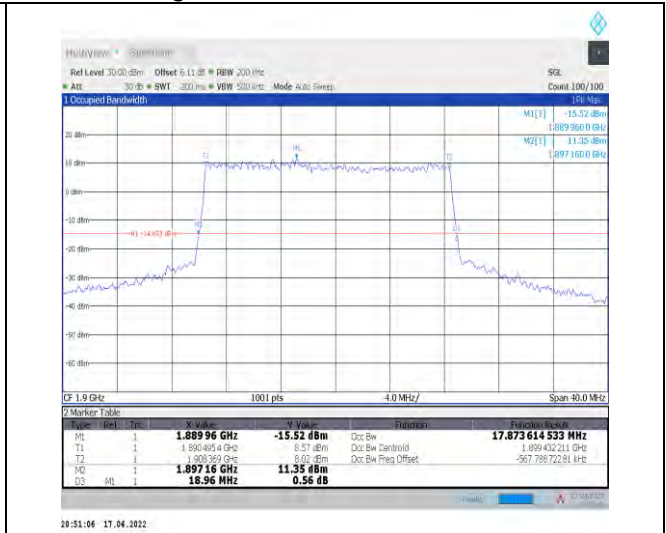
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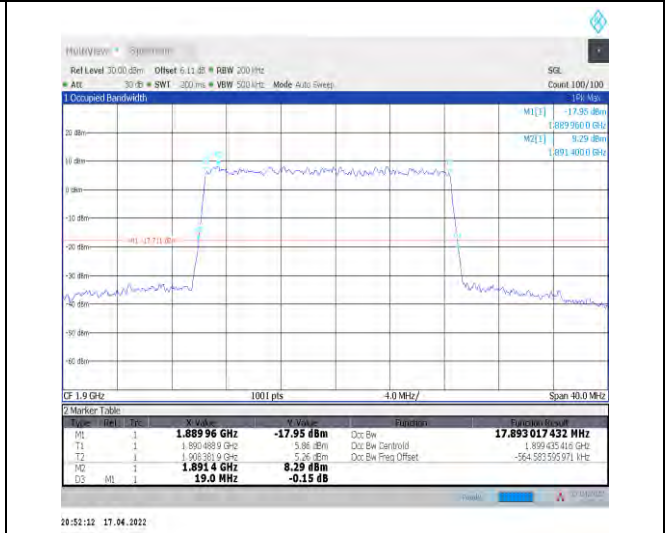
1-N2--15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.895-19.080-<=20-PASS



1-N2--15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.874-18.960-<=20-PASS



1-N2--15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.856-19.000-<=20-PASS



1-N2--15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.893-19.000-<=20-PASS

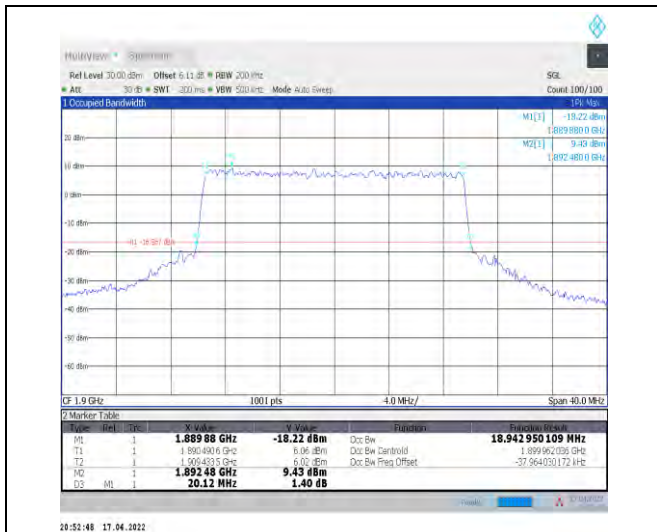


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1-N2--15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.943-20.120-≤20-PASS



1-N2--15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.945-20.040-≤20-PASS



1-N2--15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.923-20.040-≤20-PASS



1-N2--15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.926-20.040-≤20-PASS

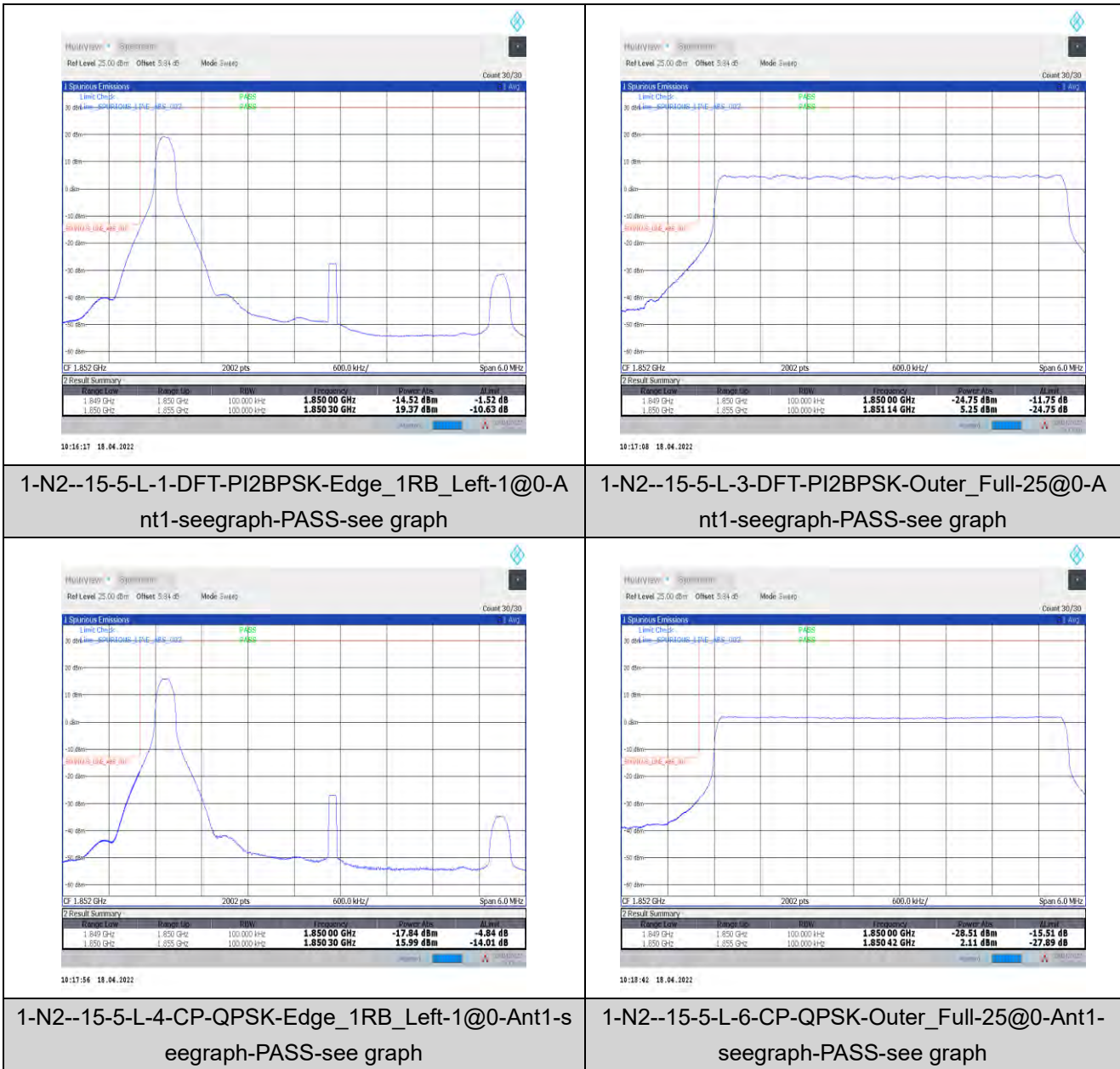


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Band Edge for SA

Test Graphs



1-N2--15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-A
nt1-seegrph-PASS-see graph

1-N2--15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-seegrph-PASS-see graph

1-N2--15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-s
eegrph-PASS-see graph

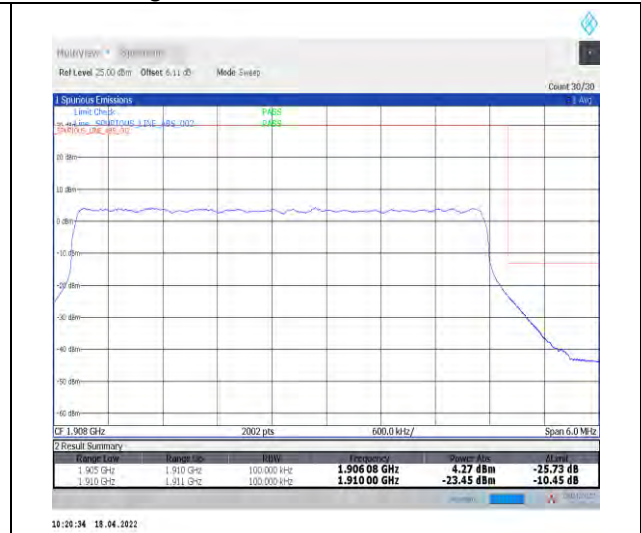
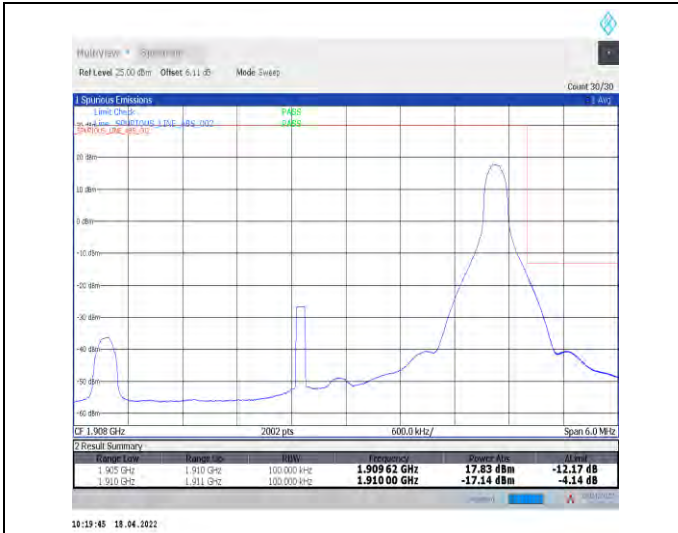
1-N2--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-
seegrph-PASS-see graph



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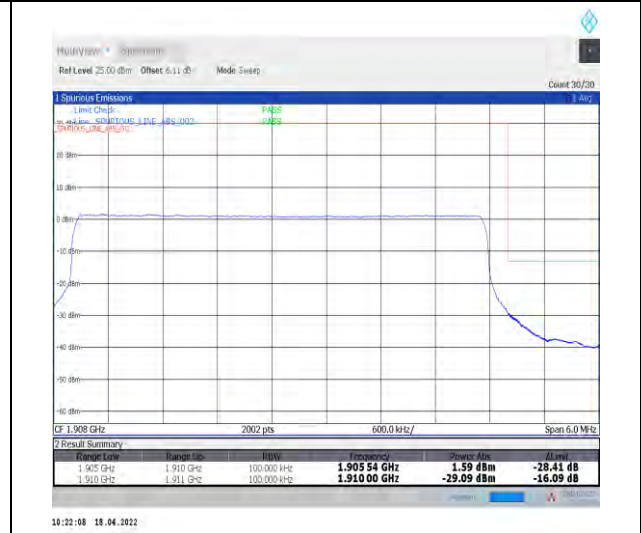
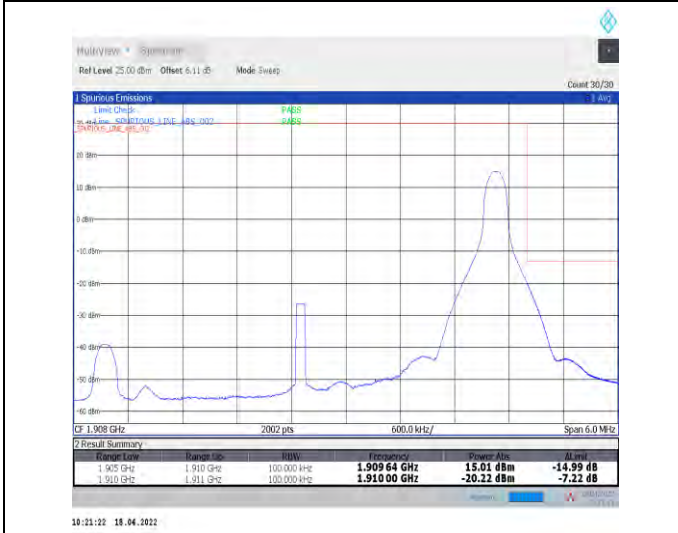
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1-N2--15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
4-Ant1-seegraph-PASS-see graph

1-N2--15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-seegraph-PASS-see graph



1-N2--15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant
1-seegraph-PASS-see graph

1-N2--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1
seegraph-PASS-see graph



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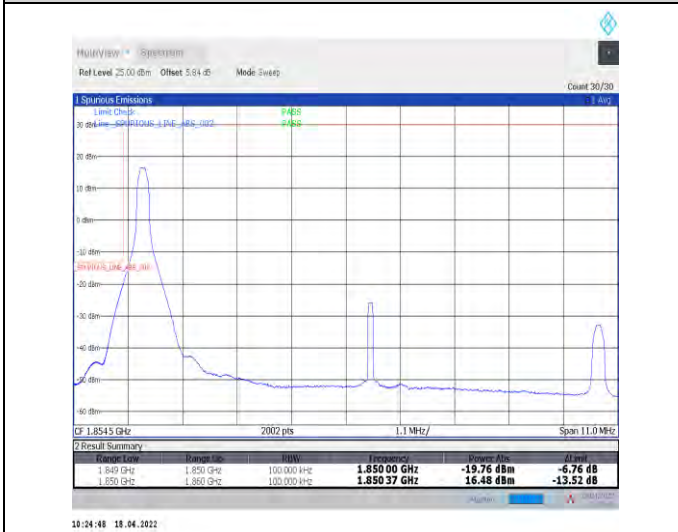
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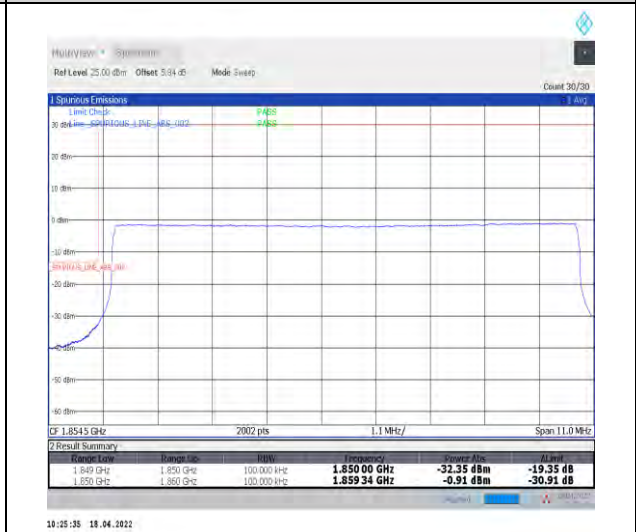
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1-N2--15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-seegraph-PASS-see graph



1-N2--15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



1-N2--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-seegraph-PASS-see graph

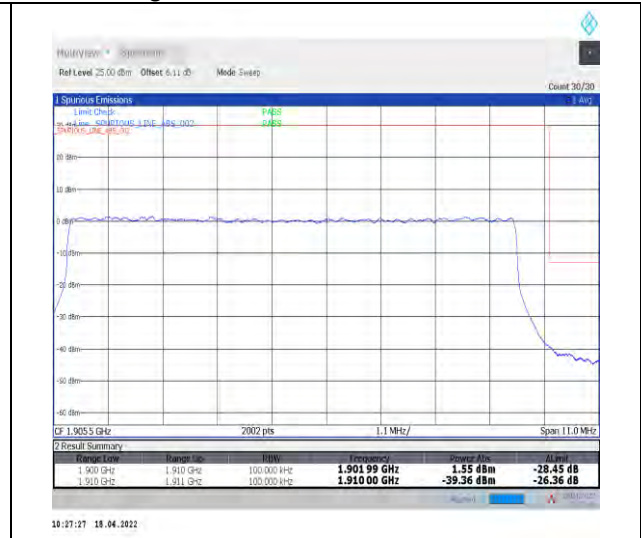
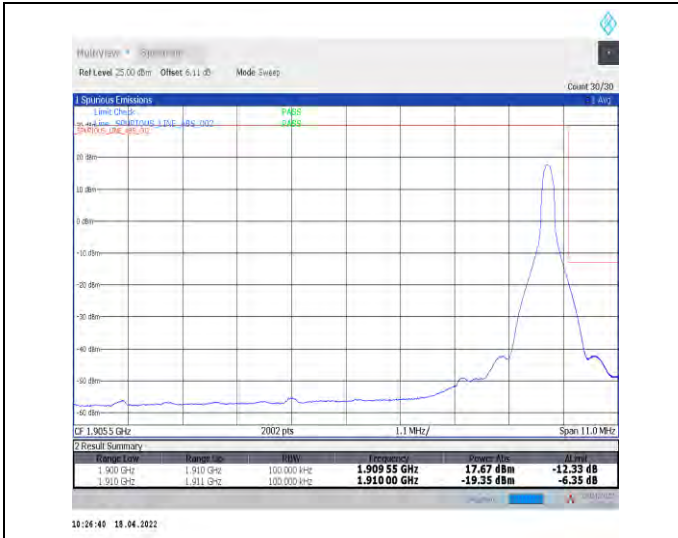


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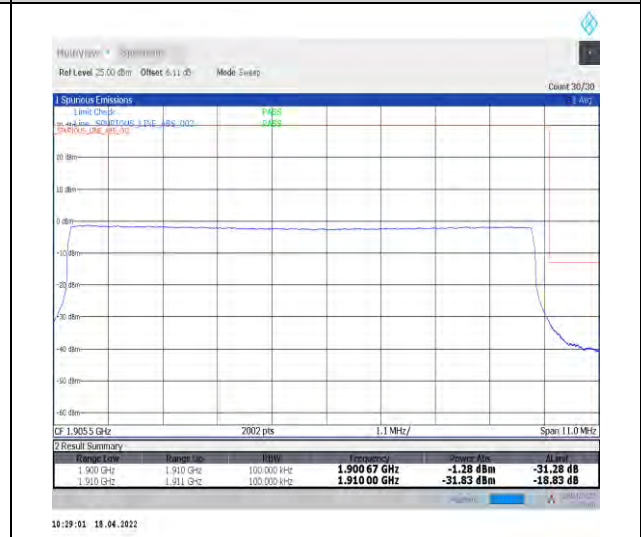
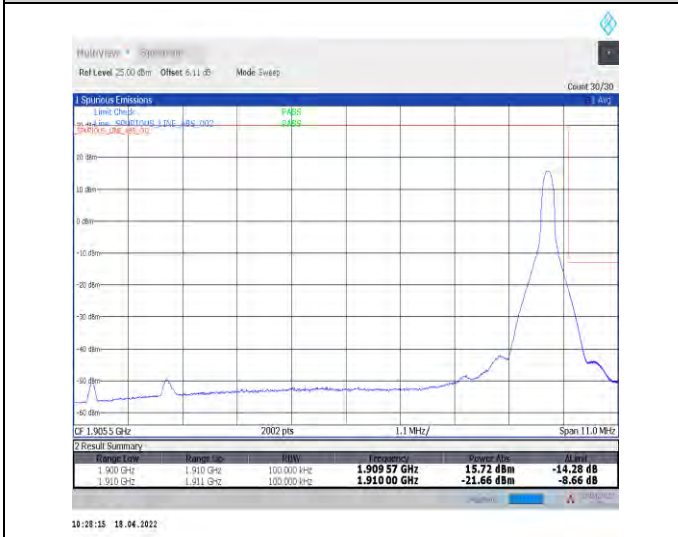
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1-N2--15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph

1-N2--15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-seegraph-PASS-see graph



1-N2--15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph

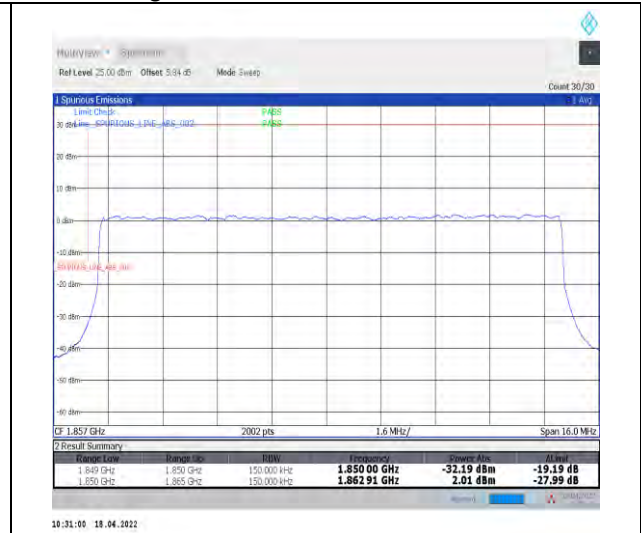
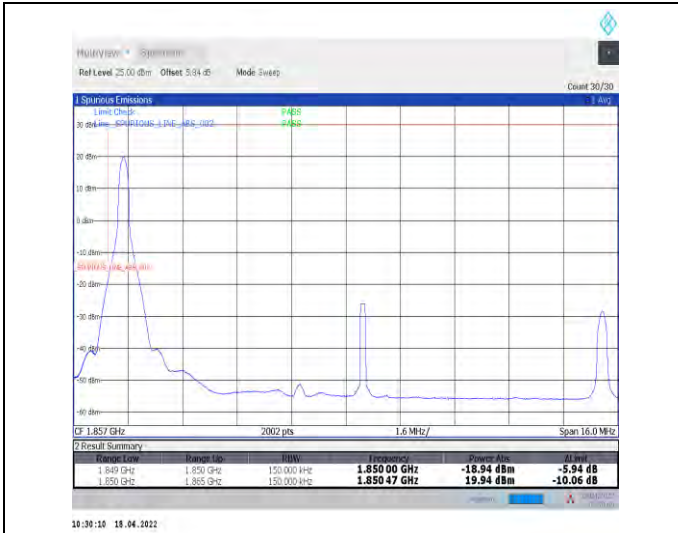
1-N2--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-seegraph-PASS-see graph



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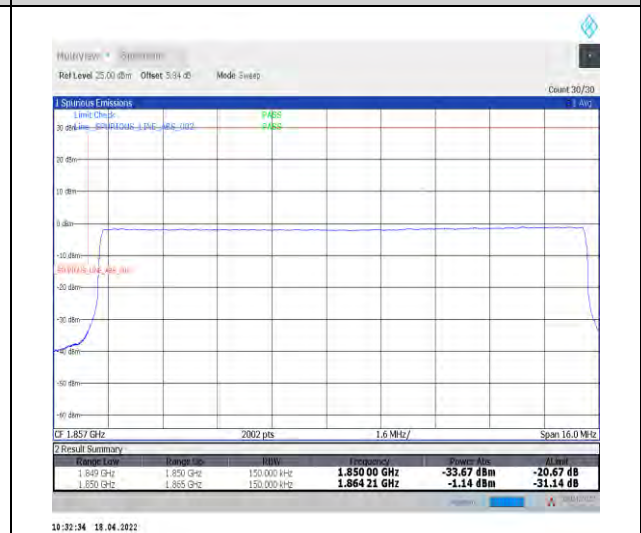
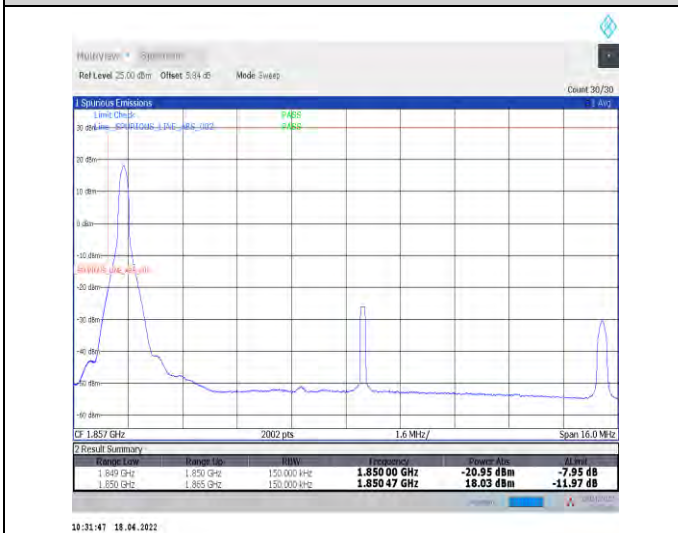
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1-N2--15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2--15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-seegraph-PASS-see graph



1-N2--15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

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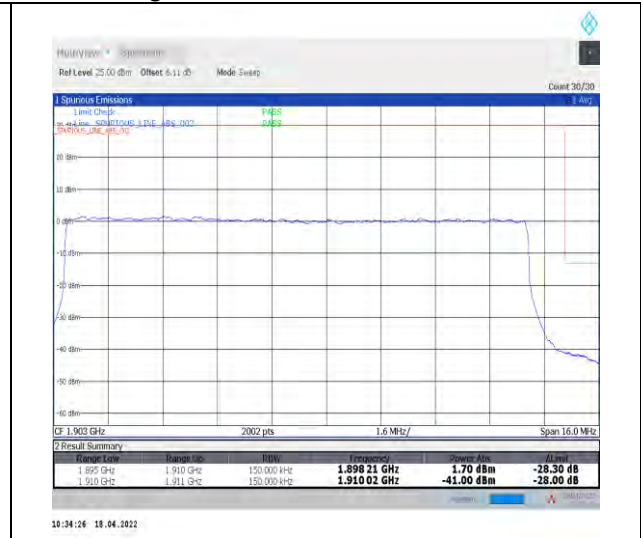
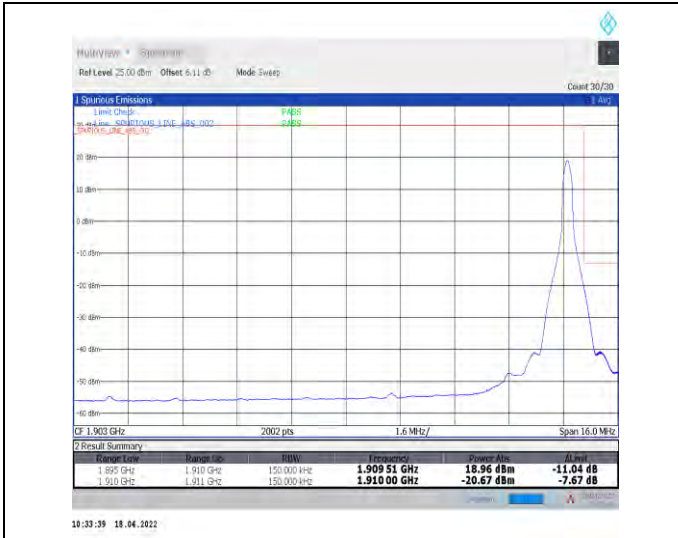


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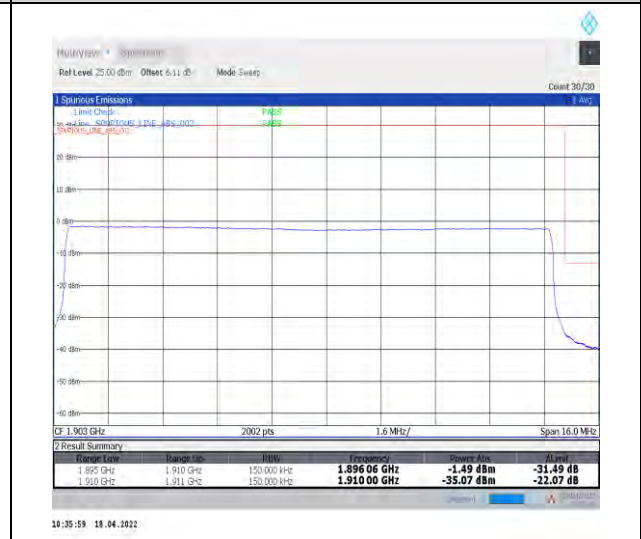
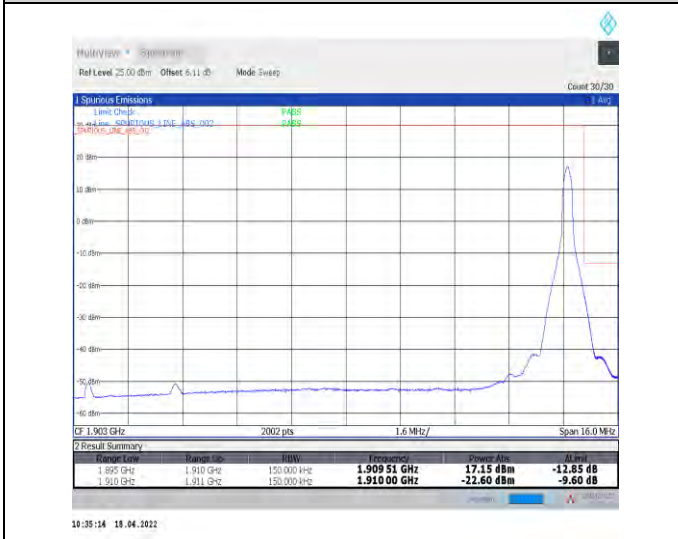
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1-N2--15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph

1-N2--15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-seegraph-PASS-see graph



1-N2--15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph

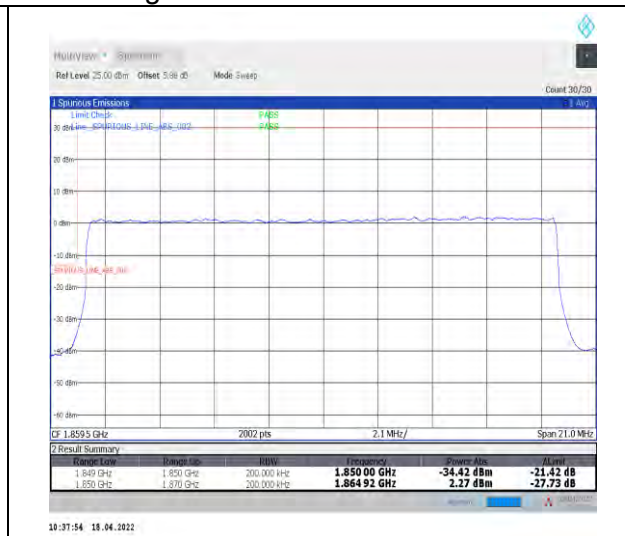
1-N2--15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-seegraph-PASS-see graph



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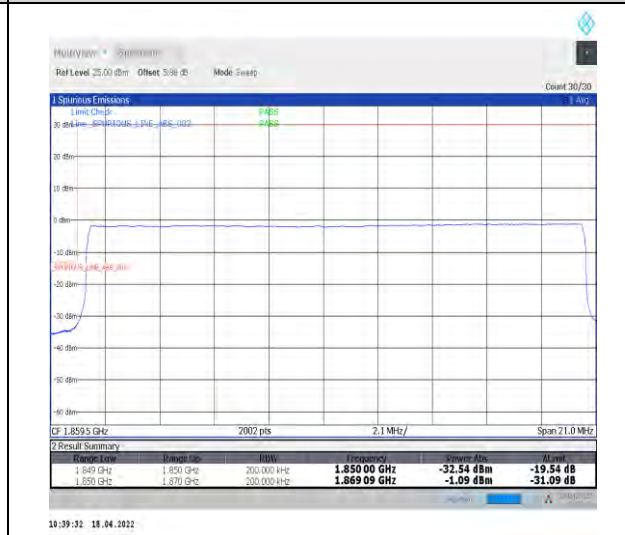
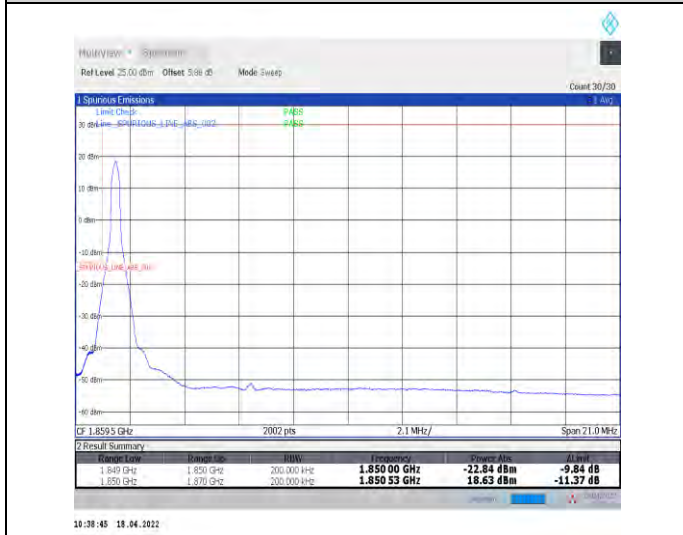
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1-N2--15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2--15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-seegraph-PASS-see graph



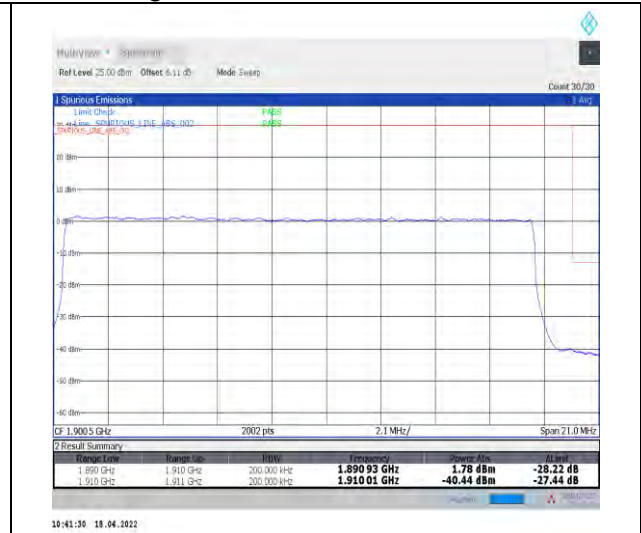
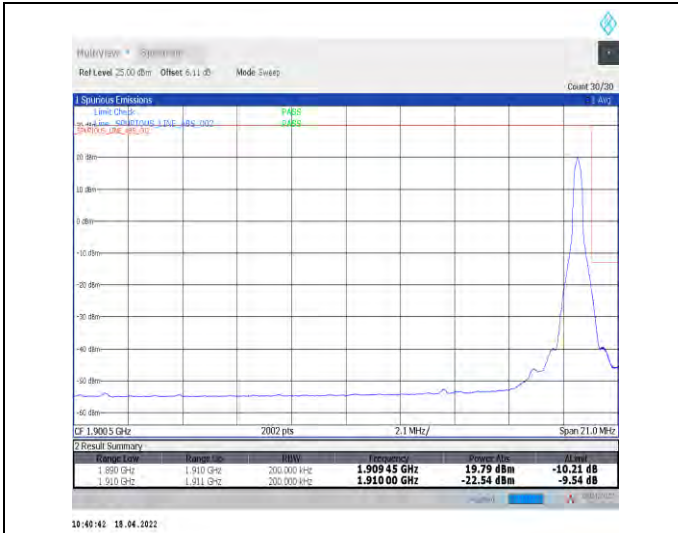
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1-N2--15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-seegraph-PASS-see graph



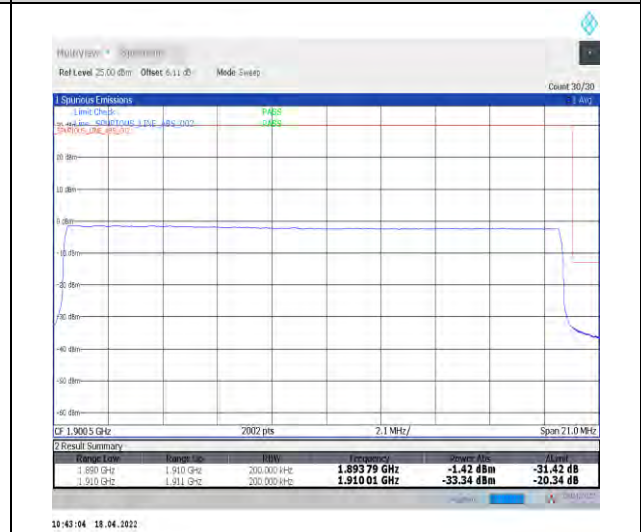
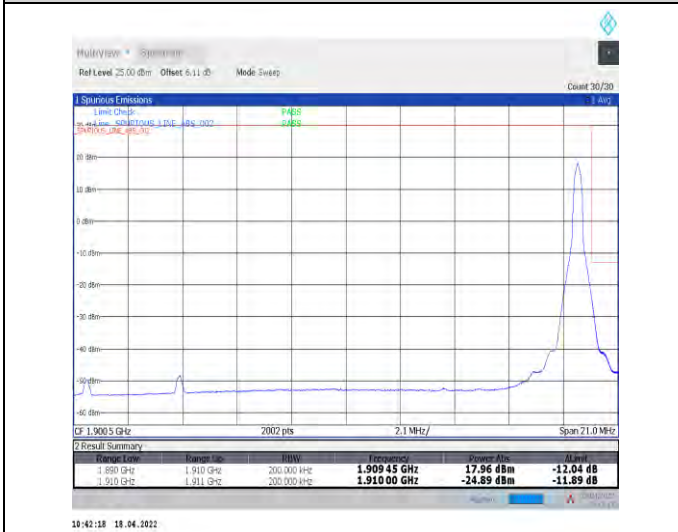
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1-N2--15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph

1-N2--15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-seegraph-PASS-see graph



1-N2--15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph

1-N2--15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-seegraph-PASS-see graph



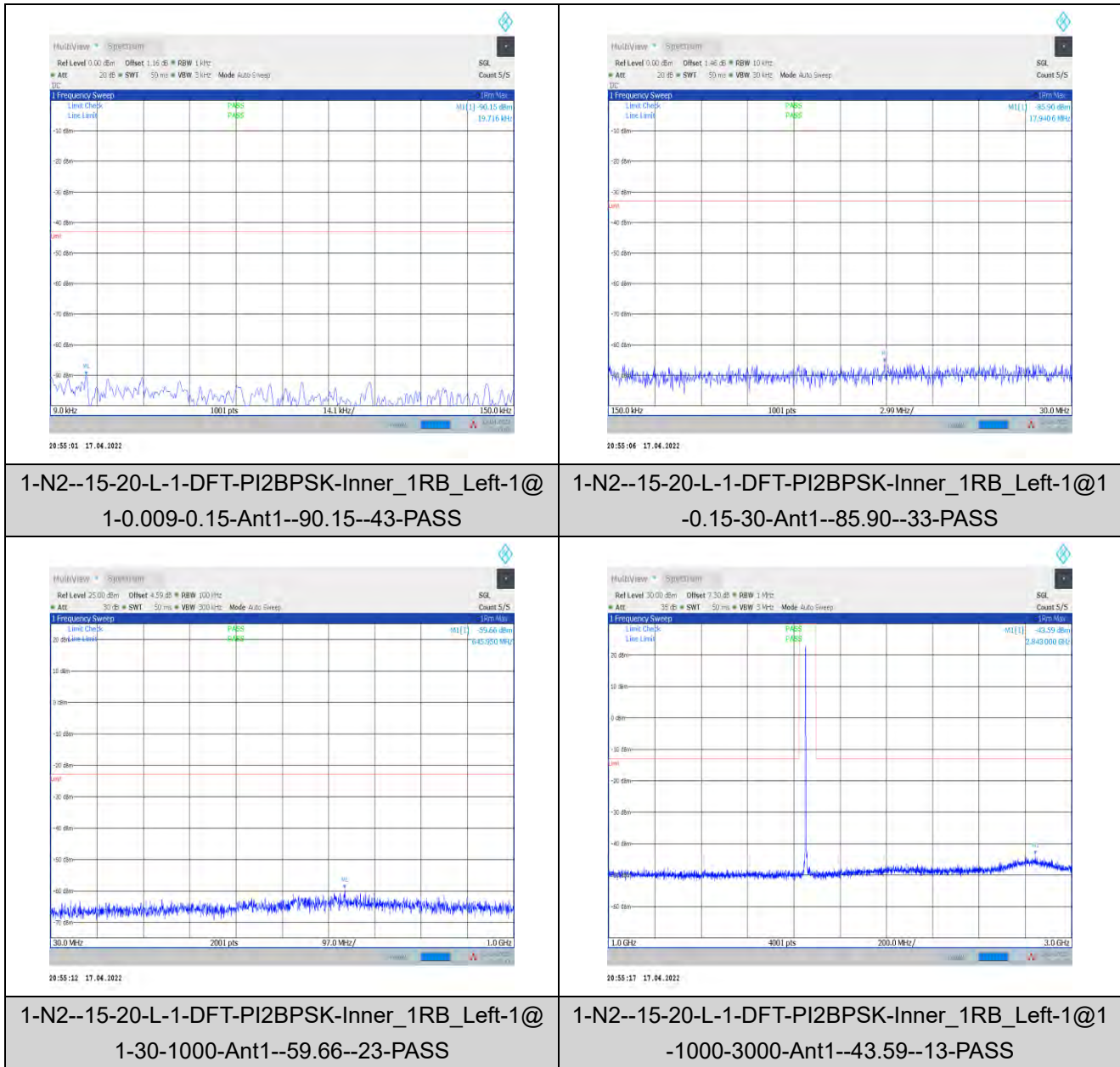
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Conducted Spurious Emission for SA

Test Graphs

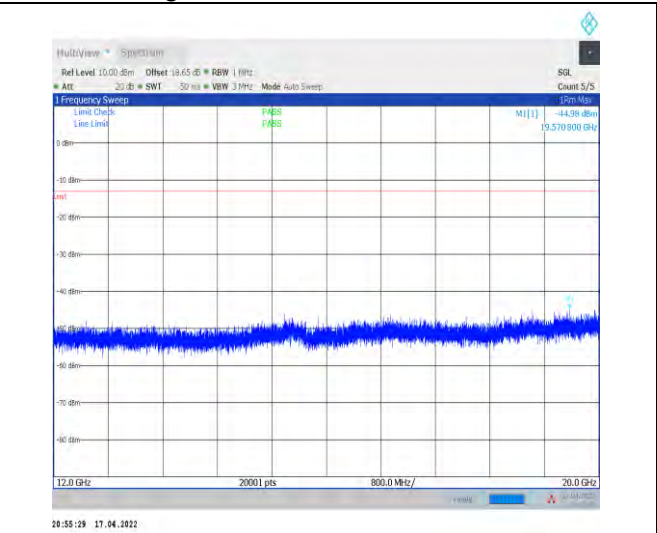
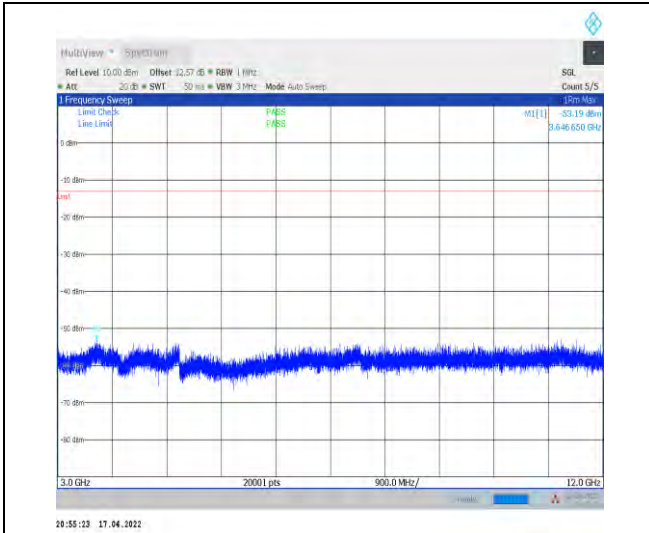


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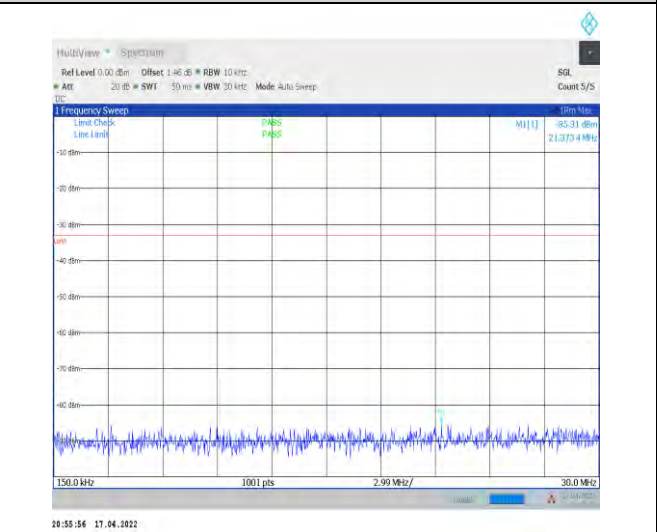
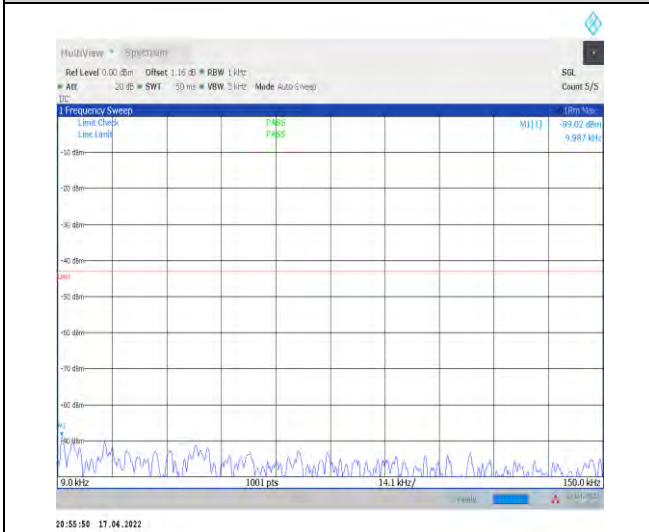
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1-N2--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-12000-Ant1--53.19--13-PASS

1-N2--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1
-12000-20000-Ant1--44.98--13-PASS



1-N2--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant1--89.02--43-PASS

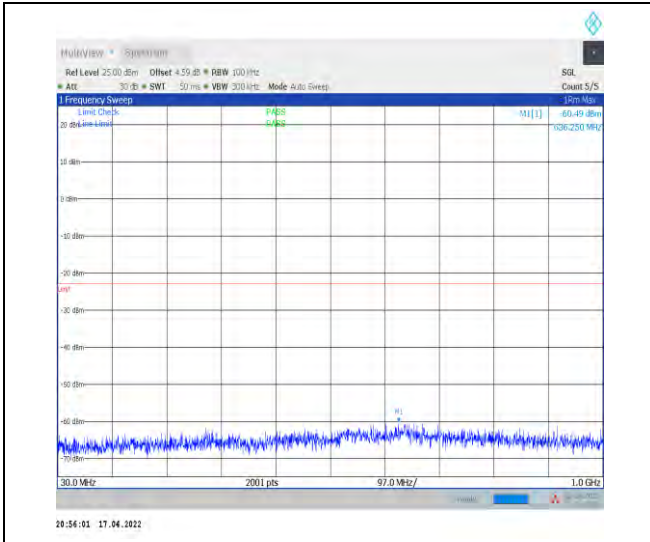
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1-0.15-30-Ant1--85.31--33-PASS



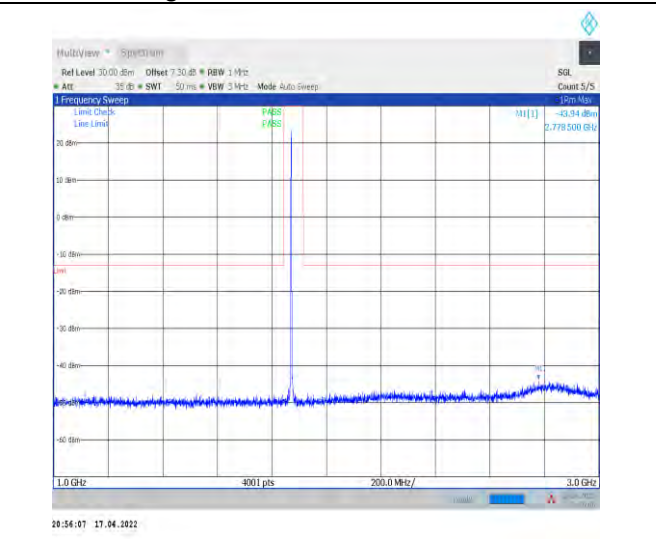
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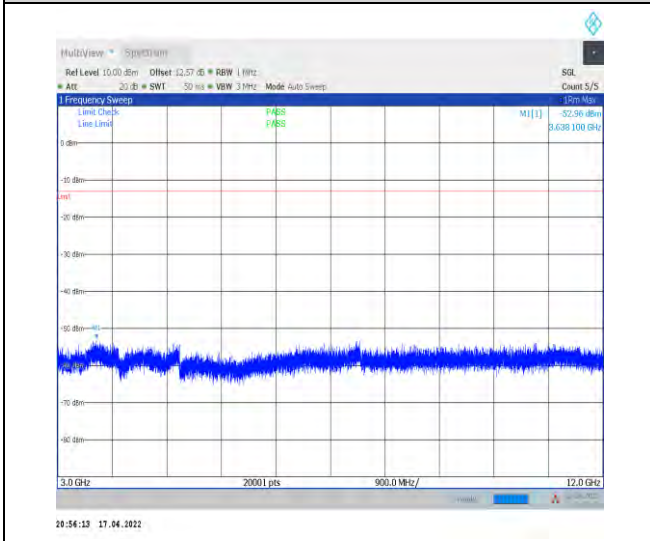
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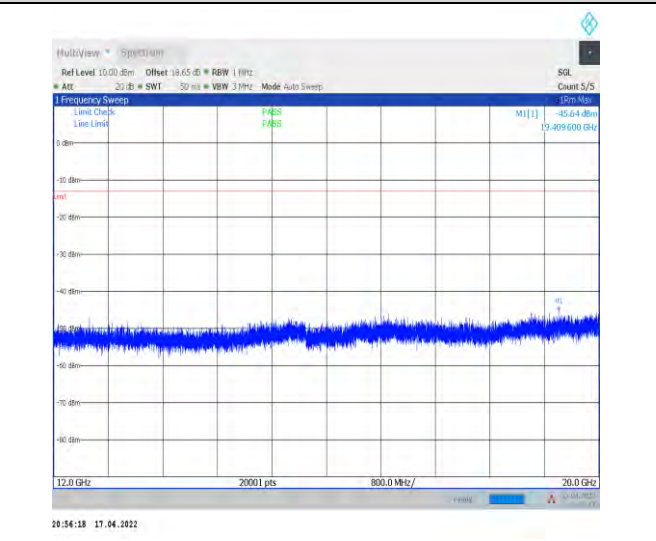
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1-N2--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-1000-3000-Ant1--43.94--13-PASS



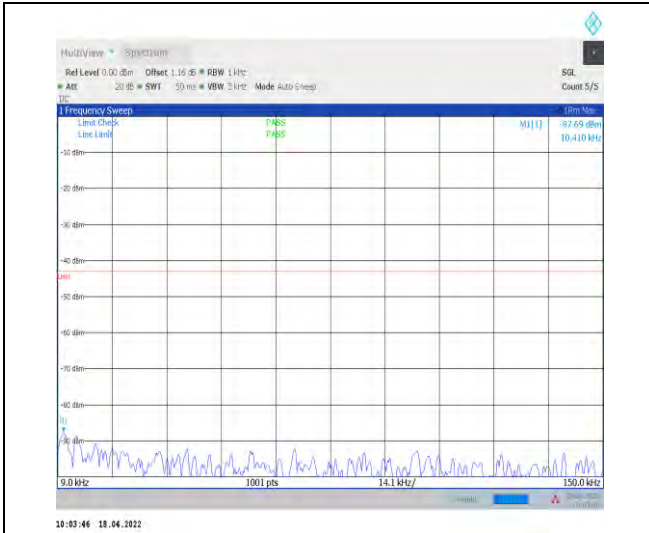
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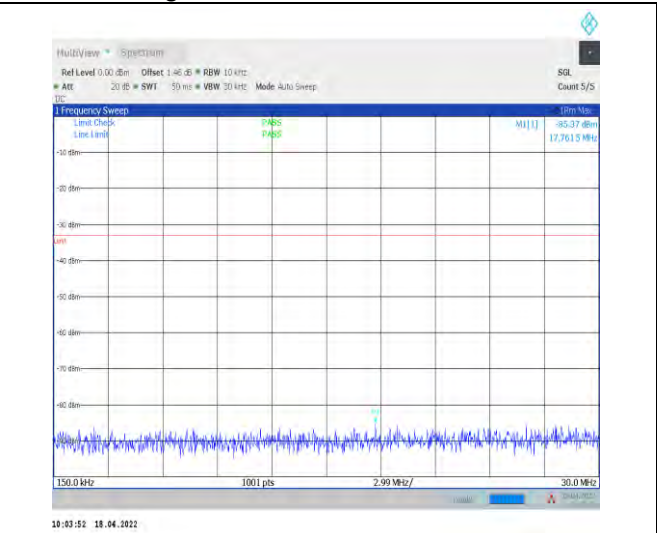
1-N2--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-12000-20000-Ant1--45.64--13-PASS



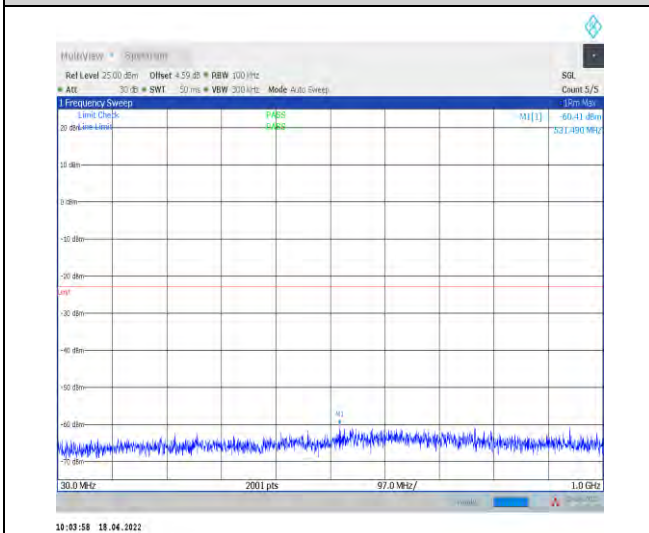
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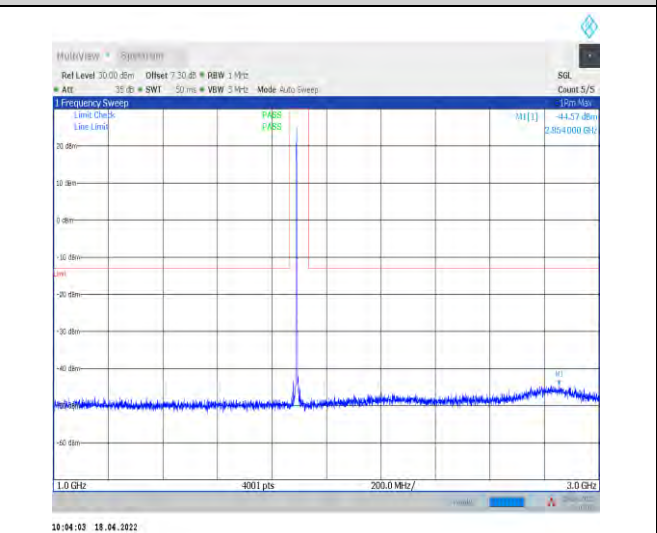
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1-0.009-0.15-Ant1--87.69--43-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant1--85.37--33-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-30-1000-Ant1--60.41--23-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant1--44.57--13-PASS

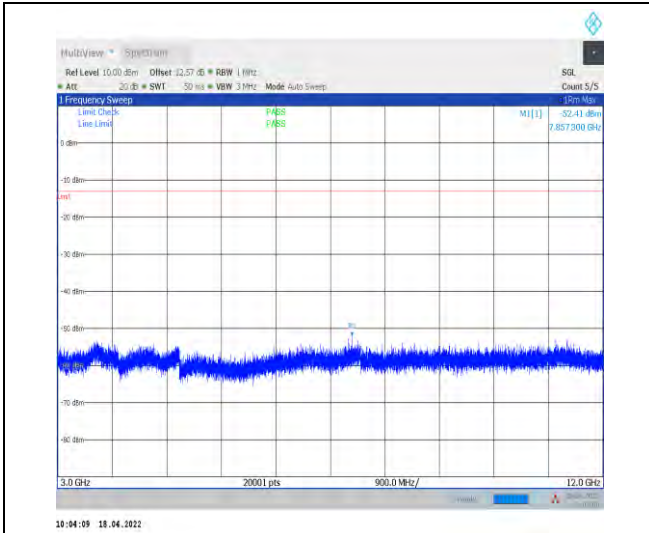


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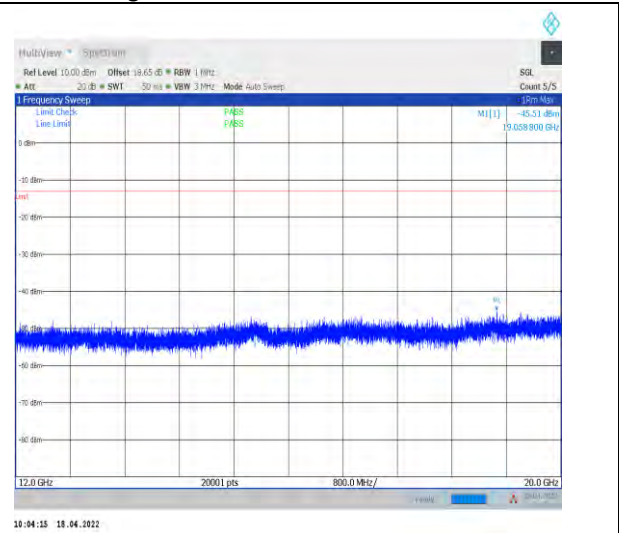
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1-N2--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-12000-Ant1--52.41--13-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-20000-Ant1--45.51--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 2_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.46	-111.07	-62.61	-13.00	49.61	263	296	Horizontal
2	5553.27	48.80	-106.36	-57.56	-13.00	44.56	251	148	Horizontal
3	7404.36	47.09	-100.78	-53.69	-13.00	40.69	174	343	Horizontal
4	9255.45	47.05	-95.08	-48.03	-13.00	35.03	186	3	Horizontal
5	11106.54	42.25	-91.12	-48.87	-13.00	35.87	264	360	Horizontal
6	12957.63	43.43	-90.60	-47.17	-13.00	34.17	147	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.03	-111.07	-63.04	-13.00	50.04	263	344	Vertical
2	5553.27	50.44	-106.36	-55.92	-13.00	42.92	251	147	Vertical
3	7404.36	48.04	-100.78	-52.74	-13.00	39.74	174	163	Vertical
4	9255.45	46.90	-95.08	-48.18	-13.00	35.18	186	96	Vertical
5	11106.54	41.71	-91.12	-49.41	-13.00	36.41	264	32	Vertical
6	12957.63	43.76	-90.60	-46.84	-13.00	33.84	244	263	Vertical



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Test Band = SA Band 2_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	47.66	-110.86	-63.20	-13.00	50.20	263	15	Horizontal
2	5613.27	48.54	-106.14	-57.60	-13.00	44.60	251	113	Horizontal
3	7484.36	47.52	-100.43	-52.91	-13.00	39.91	174	3	Horizontal
4	9355.45	47.52	-94.96	-47.44	-13.00	34.44	186	261	Horizontal
5	11226.54	43.27	-90.95	-47.68	-13.00	34.68	264	352	Horizontal
6	13097.63	42.74	-90.07	-47.33	-13.00	34.33	244	64	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	54.53	-110.87	-56.34	-13.00	43.34	263	198	Vertical
2	5613.27	50.34	-106.14	-55.80	-13.00	42.80	251	334	Vertical
3	7482	54.07	-100.44	-46.37	-13.00	33.37	214	184	Vertical
4	9355.45	46.13	-94.96	-48.83	-13.00	35.83	186	360	Vertical
5	11226.54	43.47	-90.95	-47.48	-13.00	34.48	264	51	Vertical
6	13097.63	43.65	-90.07	-46.42	-13.00	33.42	244	198	Vertical



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Test Band = SA Band 2_TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	49.85	-110.66	-60.81	-13.00	47.81	263	346	Horizontal
2	5673.27	50.23	-105.88	-55.65	-13.00	42.65	254	215	Horizontal
3	7564.36	49.32	-100.01	-50.69	-13.00	37.69	175	148	Horizontal
4	9455.45	45.04	-94.86	-49.82	-13.00	36.82	263	16	Horizontal
5	11346.54	43.01	-91.44	-48.43	-13.00	35.43	254	360	Horizontal
6	13237.63	43.12	-90.49	-47.37	-13.00	34.37	177	148	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	47.60	-110.66	-63.06	-13.00	50.06	251	99	Vertical
2	5673.27	49.00	-105.88	-56.88	-13.00	43.88	174	262	Vertical
3	7564.36	48.17	-100.01	-51.84	-13.00	38.84	254	116	Vertical
4	9455.45	44.18	-94.86	-50.68	-13.00	37.68	177	166	Vertical
5	11346.54	42.89	-91.44	-48.55	-13.00	35.55	198	181	Vertical
6	13237.63	44.26	-90.49	-46.23	-13.00	33.23	162	262	Vertical



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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
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	3.100000	0.001649	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	5.300000	0.002819	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.600000	-0.000319	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	5.100000	0.002713	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	4.100000	0.002181	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	2.600000	0.001383	PASS



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Frequency Error VS. Temperature

Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	3.300000	0.001755	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	0.700000	0.000372	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.500000	0.002926	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	4.900000	0.002606	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	3.900000	0.002074	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	0.000000	0.000000	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	3.400000	0.001809	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	3.400000	0.001809	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	1.700000	0.000904	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	9.000000	0.004787	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	4.900000	0.002606	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	3.200000	0.001702	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	10.600000	0.005638	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	2.600000	0.001383	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	4.700000	0.002500	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	3.300000	0.001755	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	2.400000	0.001277	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	4.700000	0.002500	PASS

The End



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