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Appendix B.29

NR Band n5



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.51	25.04	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.44	24.97	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	24.01	24.54	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	24.36	24.89	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	24.31	24.84	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.52	24.05	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	23.41	23.94	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	23.35	23.88	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.54	23.07	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	22.18	22.71	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	22.17	22.7	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	22.04	22.57	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.54	20.07	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.49	20.02	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	19.99	20.52	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.29	24.82	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.30	24.83	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.84	24.37	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	24.16	24.69	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	24.19	24.72	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	23.31	23.84	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	23.31	23.84	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	23.24	23.77	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	22.35	22.88	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	22.00	22.53	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.96	22.49	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.82	22.35	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.22	19.75	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.28	19.81	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	19.72	20.25	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.20	24.73	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.22	24.75	38.45	PASS



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N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.65	24.18	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	24.09	24.62	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	24.22	24.75	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.20	23.73	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.16	23.69	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.23	23.76	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.15	22.68	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.95	22.48	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.99	22.52	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.63	22.16	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.21	19.74	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.26	19.79	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.63	20.16	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.43	24.96	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.23	24.76	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	23.98	24.51	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	24.34	24.87	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	24.24	24.77	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	23.45	23.98	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	23.34	23.87	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	23.27	23.8	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	22.43	22.96	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	22.22	22.75	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	22.00	22.53	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	21.99	22.52	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.49	20.02	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.27	19.8	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.83	20.36	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.31	24.84	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.19	24.72	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	23.82	24.35	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	24.28	24.81	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	24.21	24.74	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	23.32	23.85	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	23.24	23.77	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.14	23.67	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	22.31	22.84	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	22.03	22.56	38.45	PASS



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N5	15	10	DFT-64QAM	M	Inner_1RB_Right	22.06	22.59	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.85	22.38	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.30	19.83	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.28	19.81	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.75	20.28	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.20	24.73	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.24	24.77	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.79	24.32	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	24.07	24.6	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	24.13	24.66	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	23.25	23.78	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	23.07	23.6	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	23.13	23.66	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	22.16	22.69	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.94	22.47	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.95	22.48	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.83	22.36	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.18	19.71	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.24	19.77	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.73	20.26	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.53	25.06	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.26	24.79	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	24.02	24.55	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	24.48	25.01	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	24.20	24.73	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.49	24.02	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	23.49	24.02	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	23.23	23.76	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.52	23.05	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	22.39	22.92	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.97	22.5	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	22.03	22.56	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.65	20.18	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.31	19.84	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	19.92	20.45	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.50	25.03	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.23	24.76	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.93	24.46	38.45	PASS



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N5	15	15	DFT-QPSK	M	Inner_1RB_Left	24.39	24.92	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	24.17	24.7	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	23.41	23.94	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	23.39	23.92	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	23.14	23.67	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	22.46	22.99	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	22.27	22.8	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	22.01	22.54	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.95	22.48	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.57	20.1	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	19.32	19.85	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.87	20.4	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.43	24.96	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.22	24.75	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.85	24.38	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	24.33	24.86	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	24.10	24.63	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.32	23.85	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	23.34	23.87	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	23.12	23.65	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.35	22.88	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.91	22.44	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.92	22.45	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.86	22.39	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.44	19.97	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.20	19.73	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.75	20.28	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.59	25.12	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.24	24.77	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	24.04	24.57	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	24.47	25	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	24.13	24.66	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	23.60	24.13	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	23.48	24.01	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	23.14	23.67	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	22.49	23.02	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	22.31	22.84	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	22.03	22.56	38.45	PASS



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N5	15	20	DFT-64QAM	L	Outer_Full	22.07	22.6	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.64	20.17	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.43	19.96	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	20.03	20.56	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.51	25.04	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.14	24.67	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	23.91	24.44	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	24.39	24.92	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	24.11	24.64	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	23.46	23.99	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	23.41	23.94	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	23.18	23.71	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	22.45	22.98	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	22.19	22.72	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.86	22.39	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	22.03	22.56	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.53	20.06	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.25	19.78	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.96	20.49	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.41	24.94	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.13	24.66	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.88	24.41	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	24.27	24.8	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	24.00	24.53	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	23.42	23.95	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	23.39	23.92	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.15	23.68	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	22.40	22.93	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	22.16	22.69	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.87	22.4	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.87	22.4	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.56	20.09	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.23	19.76	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	19.86	20.39	38.45	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
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.75	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.78	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	9.86	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.46	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.72	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.62	≤13	PASS



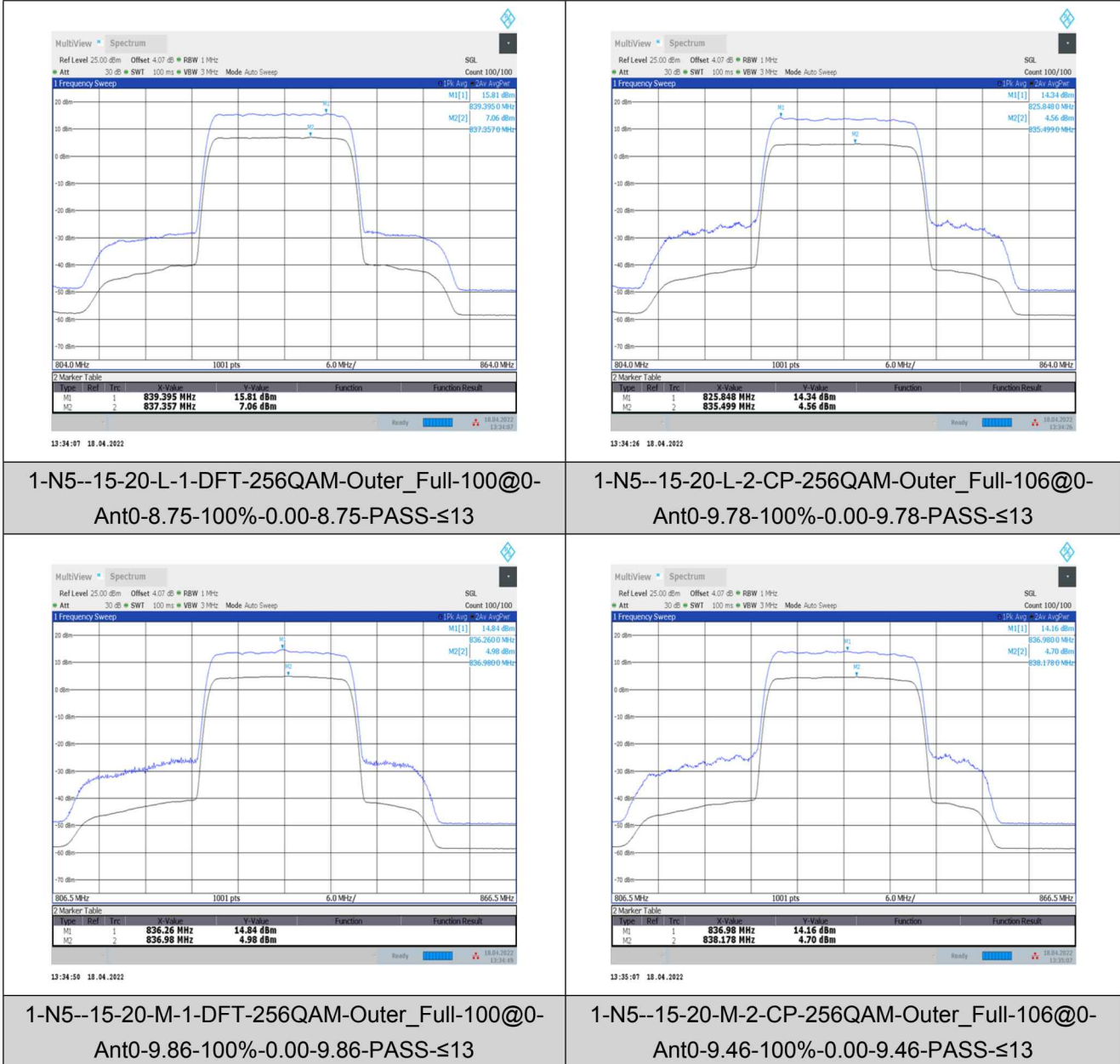
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Test Graphs





1-N5--15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant0-8.72-100%-0.00-8.72-PASS-≤13

1-N5--15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant0-9.62-100%-0.00-9.62-PASS-≤13



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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
N5	15	5	DFT-QPSK	L	Outer_Full	4.479	4.920	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.493	5.140	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.477	5.080	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.478	5.100	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.475	5.040	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.493	5.190	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.483	5.170	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.486	5.260	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.489	5.140	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.487	5.050	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.474	5.100	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.48	5.030	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.489	5.100	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.483	5.080	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.474	5.140	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.49	5.140	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.481	5.160	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.49	5.160	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.488	5.030	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.476	5.100	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.472	5.090	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.482	5.140	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.491	5.120	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.482	5.170	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.492	5.200	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.483	5.190	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.493	5.140	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.944	9.680	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.939	9.820	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.952	9.740	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	8.942	9.760	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.95	9.740	PASS



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