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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	24.28	24.53	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.21	24.46	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.75	24.00	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	24.22	24.47	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	24.08	24.33	33.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	23.27	23.52	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	23.26	23.51	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	23.19	23.44	33.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	22.35	22.60	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	22.01	22.26	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.91	22.16	33.00	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.80	22.05	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.26	19.51	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	19.14	19.39	33.00	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.74	19.99	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.49	24.74	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.38	24.63	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.94	24.19	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	24.27	24.52	33.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	23.47	23.72	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	23.39	23.64	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	23.31	23.56	33.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	22.52	22.77	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	22.16	22.41	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	22.15	22.40	33.00	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.92	22.17	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19.51	19.76	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.37	19.62	33.00	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.87	20.12	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.37	24.62	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.26	24.51	33.00	PASS



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N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.82	24.07	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	24.27	24.52	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	24.18	24.43	33.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	23.33	23.58	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	23.29	23.54	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	23.29	23.54	33.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	22.40	22.65	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	22.11	22.36	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	22.02	22.27	33.00	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.83	22.08	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	19.44	19.69	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	19.25	19.50	33.00	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	19.77	20.02	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.29	24.54	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.27	24.52	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	23.74	23.99	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	24.16	24.41	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	24.16	24.41	33.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	23.20	23.45	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	23.15	23.40	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	23.21	23.46	33.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	22.24	22.49	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	22.07	22.32	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	22.02	22.27	33.00	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.76	22.01	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.30	19.55	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	19.29	19.54	33.00	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.69	19.94	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.49	24.74	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.38	24.63	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.95	24.20	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	24.26	24.51	33.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	23.44	23.69	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	23.38	23.63	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	23.33	23.58	33.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	22.44	22.69	33.00	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	22.20	22.45	33.00	PASS



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N2	15	10	DFT-64QAM	M	Inner_1RB_Right	22.05	22.30	33.00	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	22.00	22.25	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.41	19.66	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	19.38	19.63	33.00	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.90	20.15	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.41	24.66	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.35	24.60	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.91	24.16	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	24.36	24.61	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	24.21	24.46	33.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	23.40	23.65	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	23.42	23.67	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	23.26	23.51	33.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	22.35	22.60	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	22.15	22.40	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	22.07	22.32	33.00	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.92	22.17	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	19.39	19.64	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	19.32	19.57	33.00	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	19.85	20.10	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.51	24.76	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.50	24.75	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.91	24.16	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	24.33	24.58	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	24.36	24.61	33.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	23.41	23.66	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	23.36	23.61	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	23.43	23.68	33.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	22.49	22.74	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	22.23	22.48	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	22.12	22.37	33.00	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	22.03	22.28	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.48	19.73	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.38	19.63	33.00	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	19.97	20.22	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.56	24.81	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.49	24.74	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	24.07	24.32	33.00	PASS



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N2	15	15	DFT-QPSK	M	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	24.53	24.78	33.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	23.56	23.81	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	23.50	23.75	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	23.46	23.71	33.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	22.60	22.85	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	22.26	22.51	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	22.26	22.51	33.00	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	22.10	22.35	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.57	19.82	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.56	19.81	33.00	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	20.04	20.29	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.52	24.77	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.47	24.72	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	24.05	24.30	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	24.32	24.57	33.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	23.53	23.78	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	23.50	23.75	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	23.39	23.64	33.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	22.61	22.86	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	22.23	22.48	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	22.22	22.47	33.00	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	22.11	22.36	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.52	19.77	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.39	19.64	33.00	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	20.04	20.29	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.52	24.77	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.54	24.79	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	24.01	24.26	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	24.50	24.75	33.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.57	23.82	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	23.43	23.68	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	23.56	23.81	33.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	22.50	22.75	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	22.28	22.53	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	22.30	22.55	33.00	PASS



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N2	15	20	DFT-64QAM	L	Outer_Full	22.10	22.35	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.48	19.73	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.57	19.82	33.00	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	20.04	20.29	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.58	24.83	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.63	24.88	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	24.11	24.36	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	24.51	24.76	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	24.48	24.73	33.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	23.58	23.83	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	23.51	23.76	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	23.56	23.81	33.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	22.60	22.85	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	22.40	22.65	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	22.29	22.54	33.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	22.18	22.43	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19.54	19.79	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.51	19.76	33.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	20.15	20.40	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.56	24.81	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.47	24.72	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	24.00	24.25	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	24.37	24.62	33.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	23.48	23.73	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	23.40	23.65	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	23.39	23.64	33.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	22.54	22.79	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	22.26	22.51	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	22.20	22.45	33.00	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	22.11	22.36	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.51	19.76	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.37	19.62	33.00	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	20.05	20.30	33.00	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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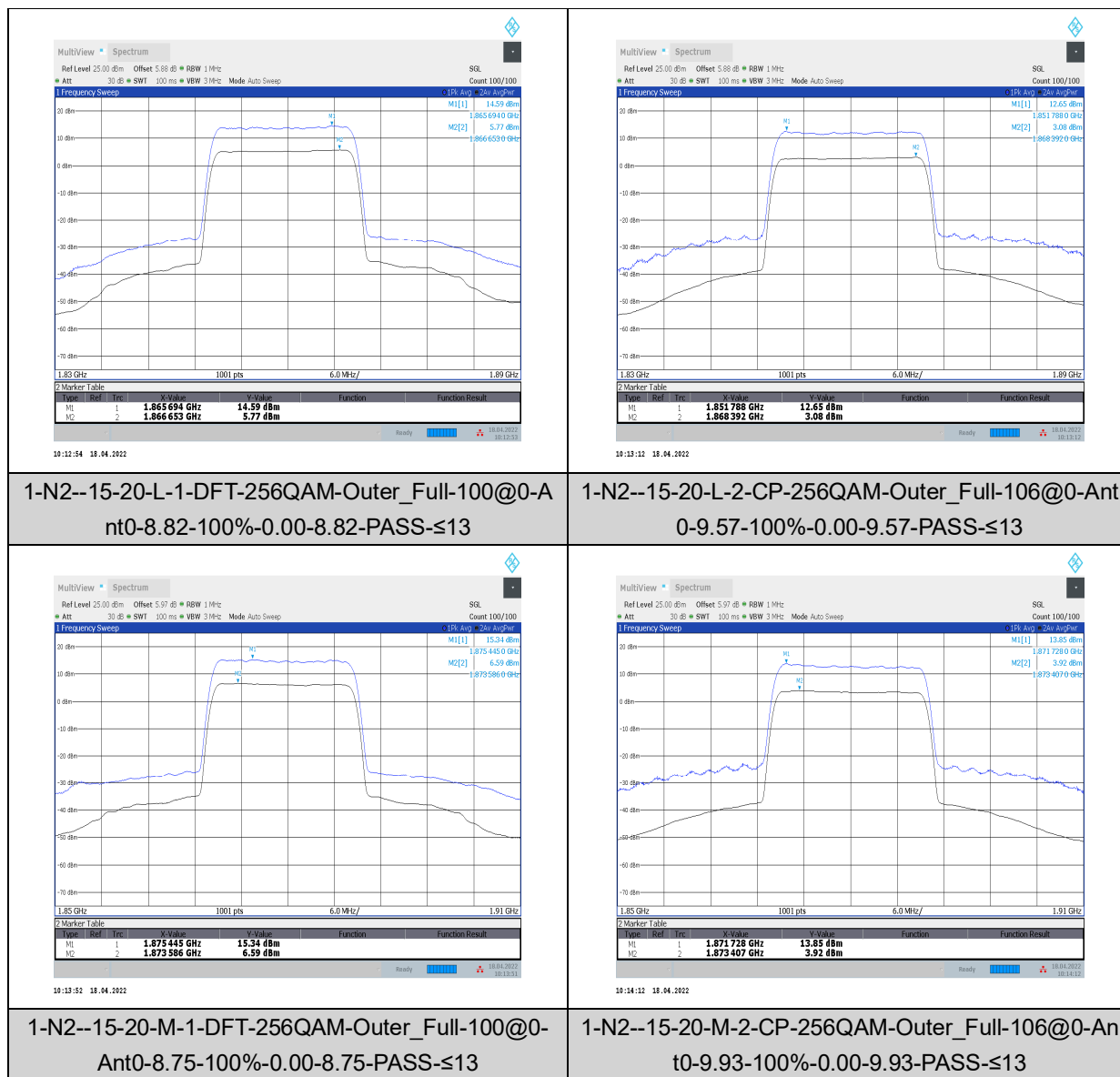
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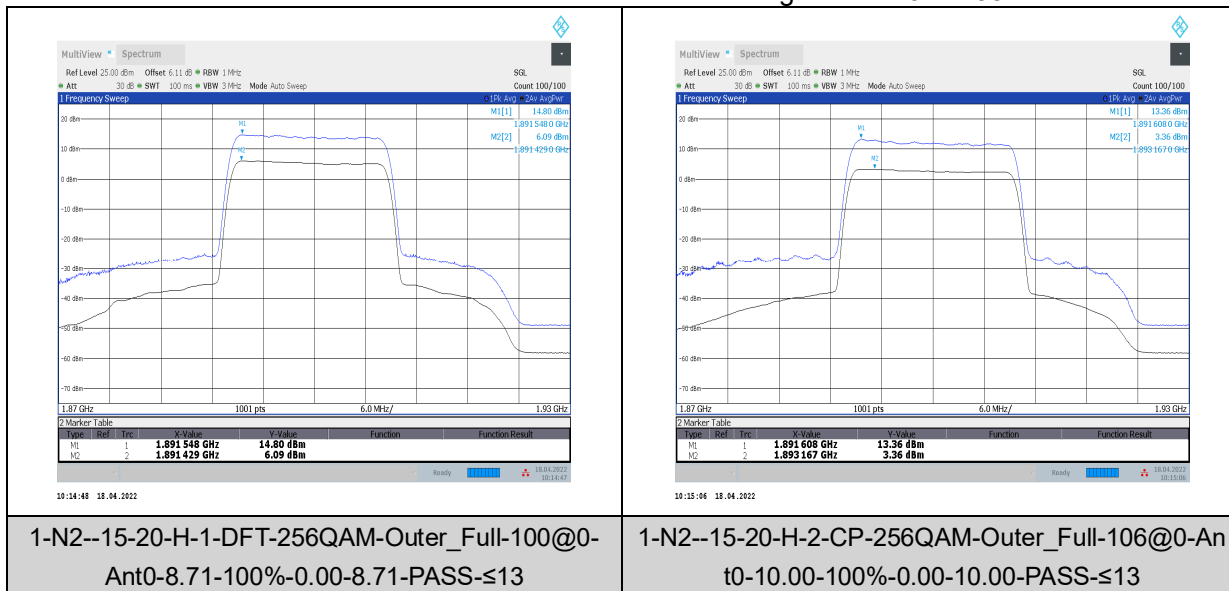
Test Graphs



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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
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



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N2	15	10	DFT-256QAM	L	Outer_Full	8.943	9.620	PASS
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



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N2	15	15	CP-16QAM	M	Outer_Full	14.115	15.120	PASS
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



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N2	15	20	CP-256QAM	H	Outer_Full	18.926	20.040	PASS
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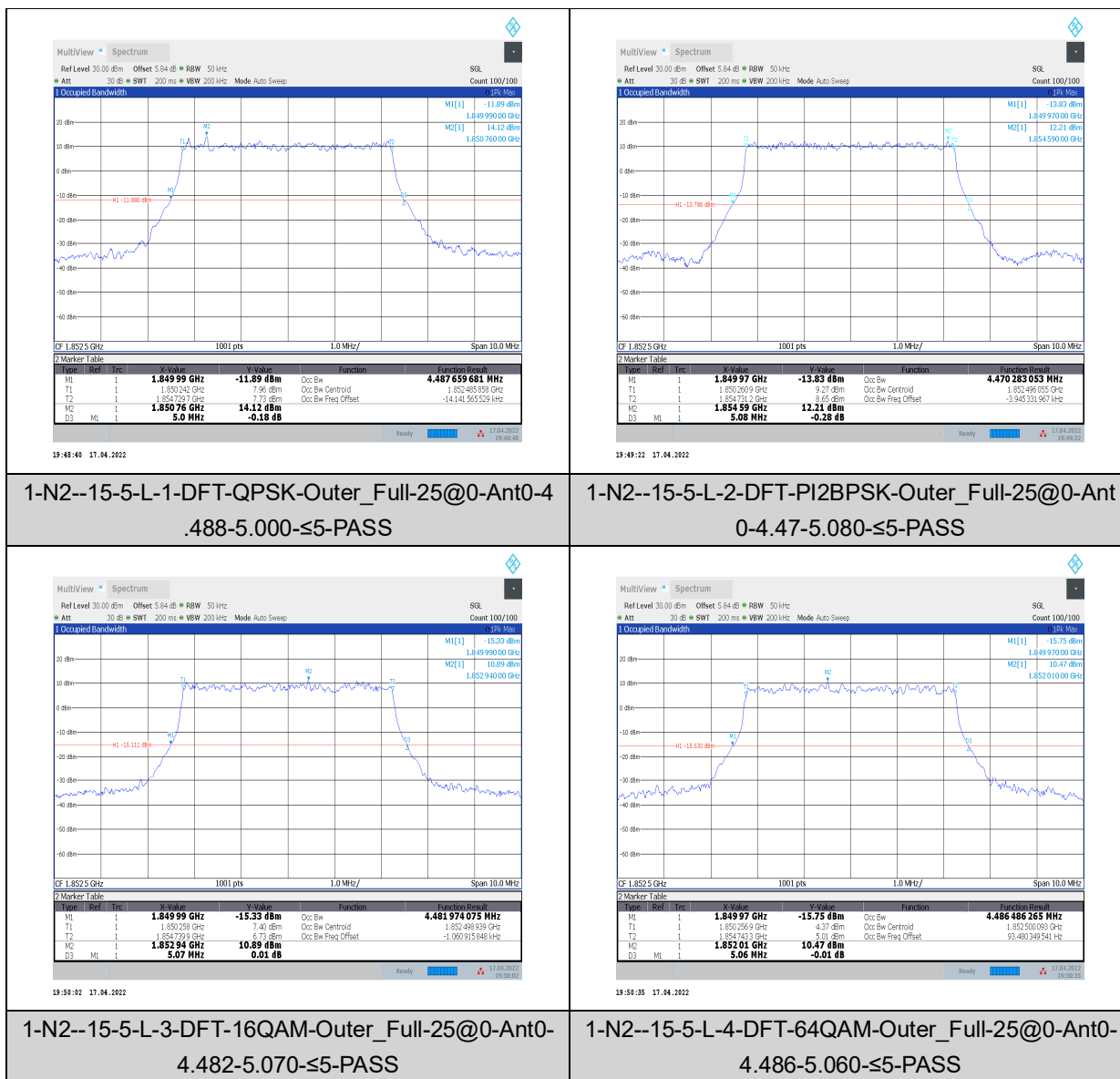
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Test Graphs



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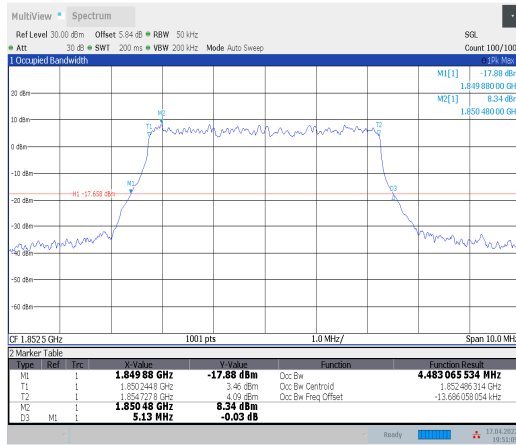
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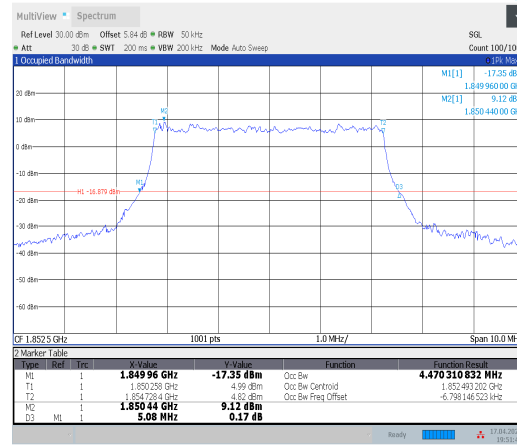
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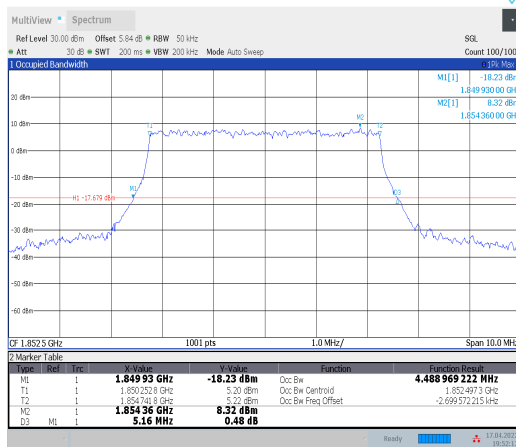
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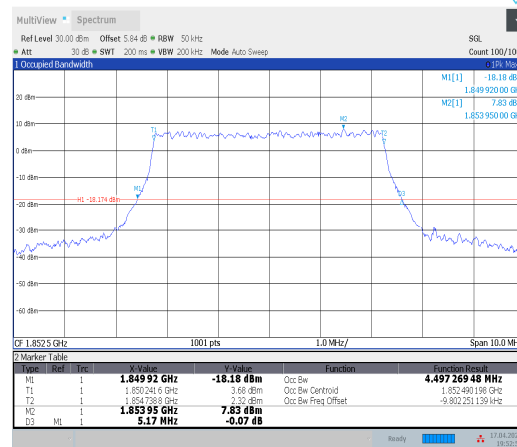
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1-N2--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-4.4
7-5.080-≤5-PASS



1-N2--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant0-4
.489-5.160-≤5-PASS



1-N2--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant0-4
.497-5.170-≤5-PASS



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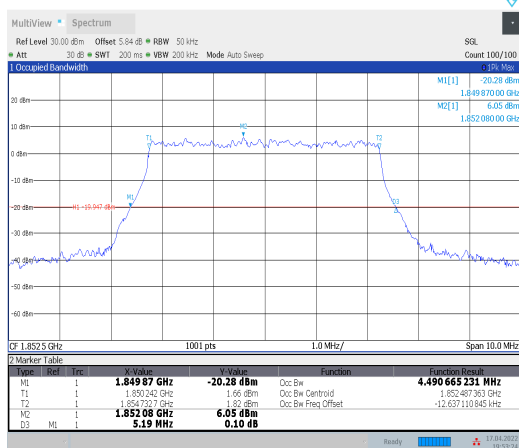
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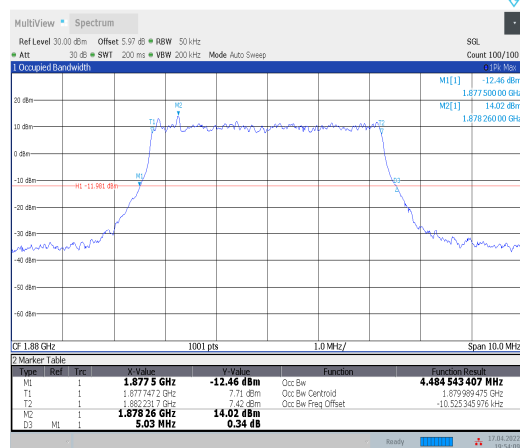
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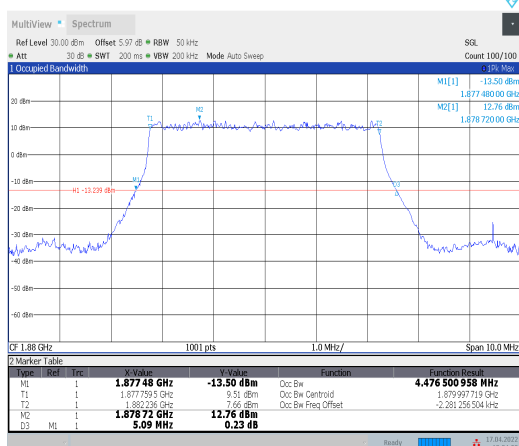
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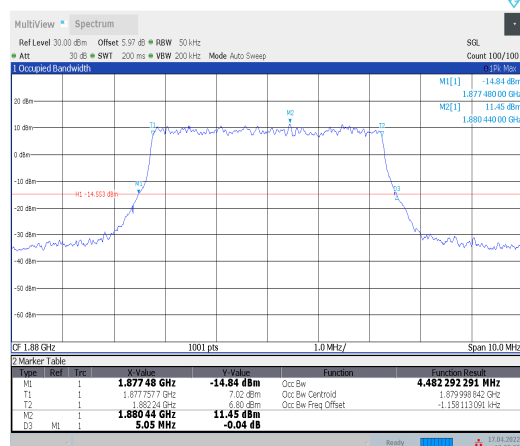
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1-N2--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant0-4.485-5.030-≤5-PASS



1-N2--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant0-0.477-5.090-≤5-PASS



1-N2--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant0-4.482-5.050-≤5-PASS



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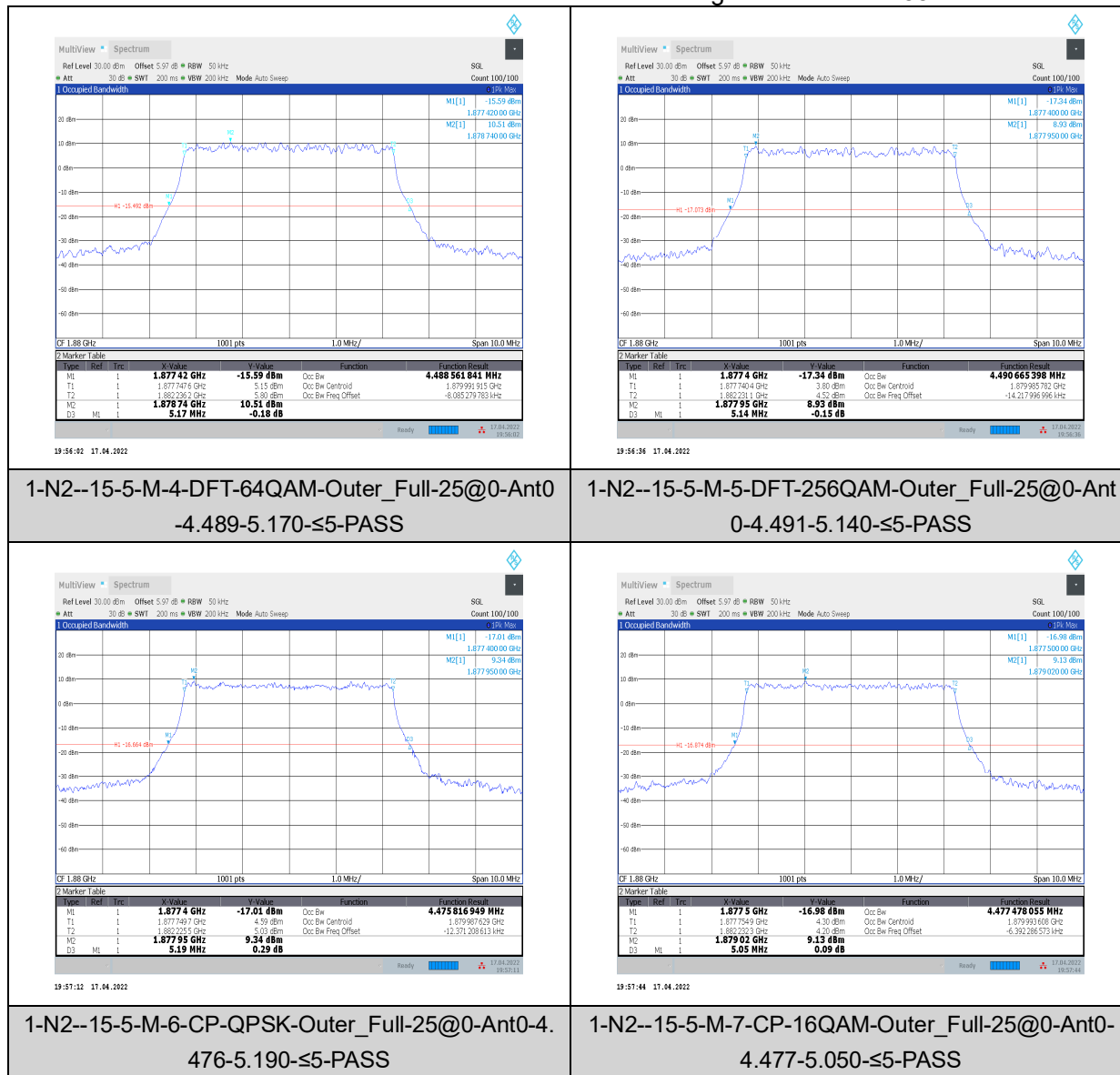
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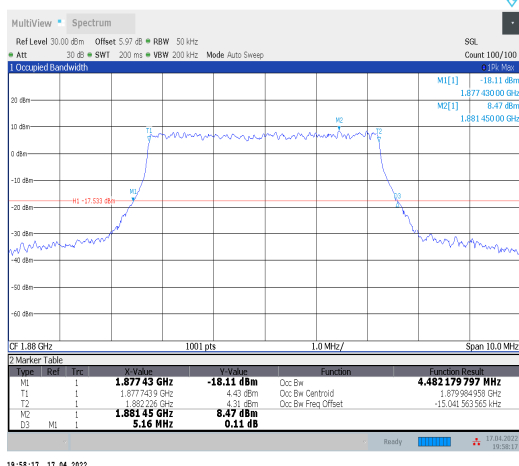
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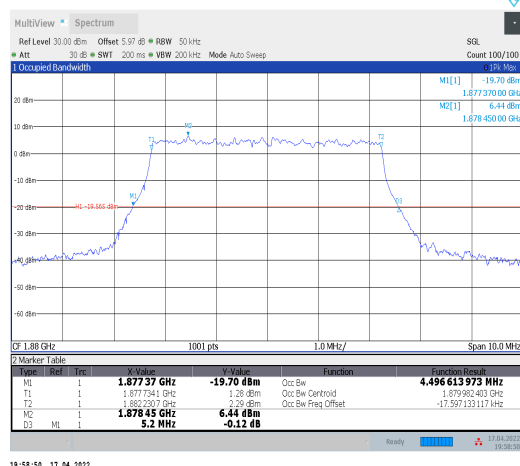
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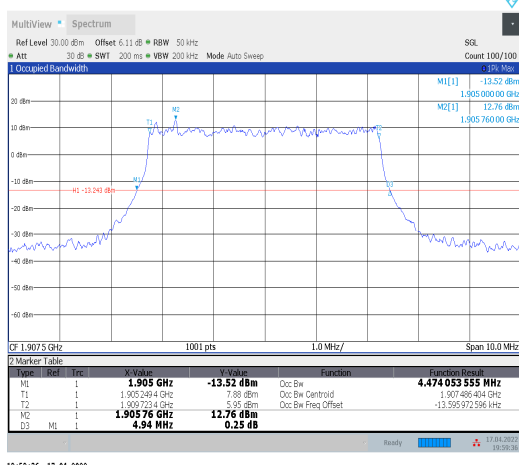
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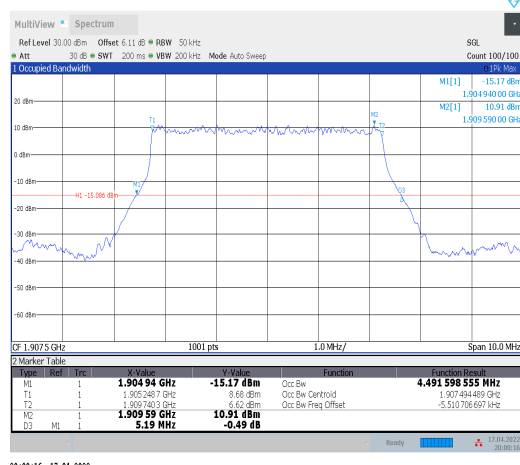
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1-N2--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant0
-4.497-5.200-≤5-PASS



1-N2--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant0-4
.474-4.940-≤5-PASS



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



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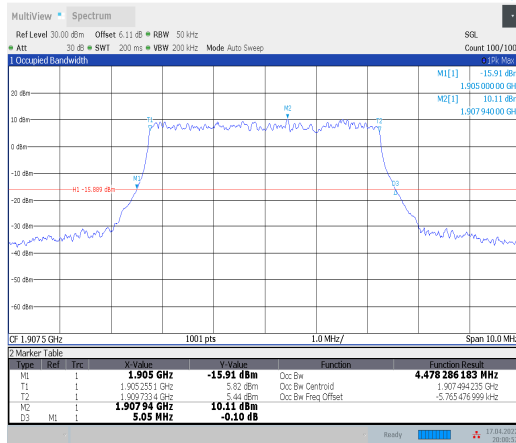
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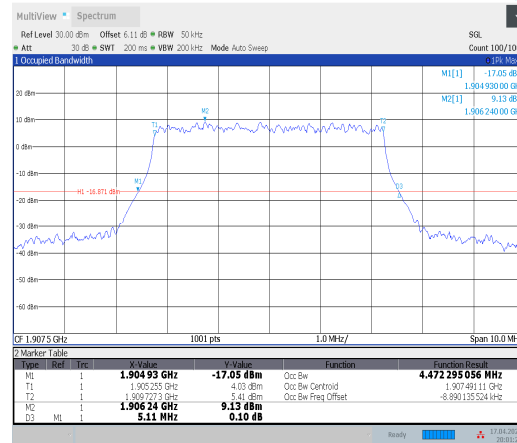
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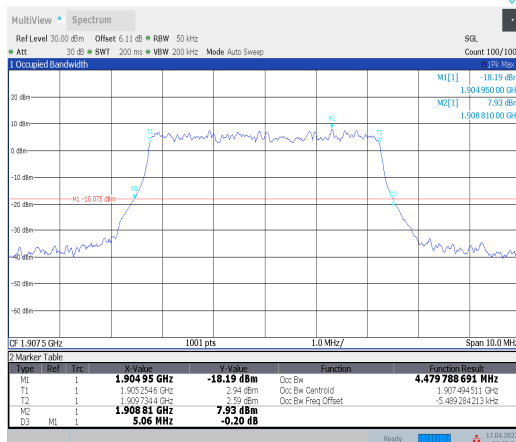
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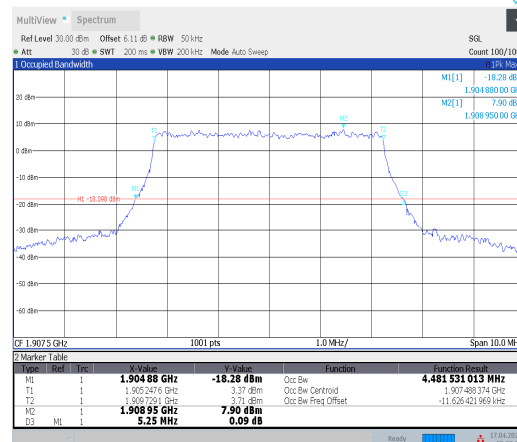
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1-N2--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant0-4.472-5.110-≤5-PASS



1-N2--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant0-0-4.48-5.060-≤5-PASS



1-N2--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant0-4-482-5.250-≤5-PASS



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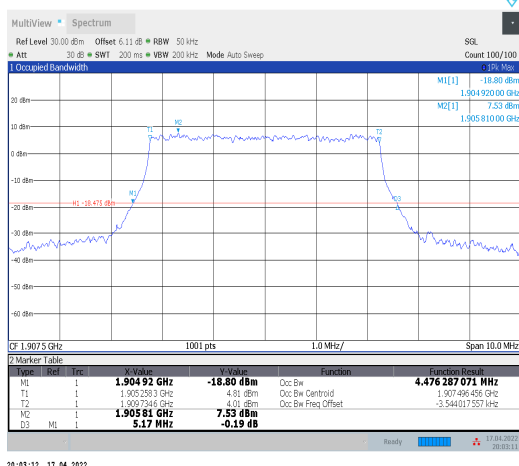
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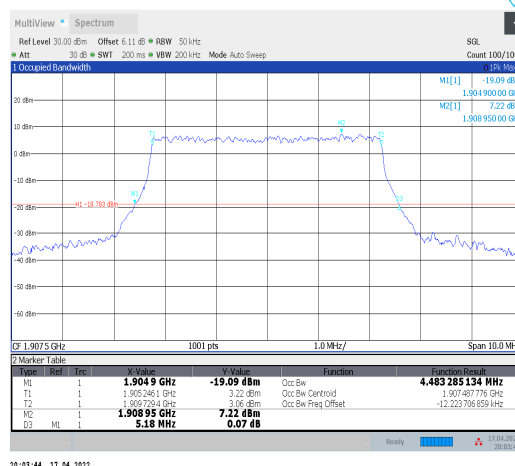
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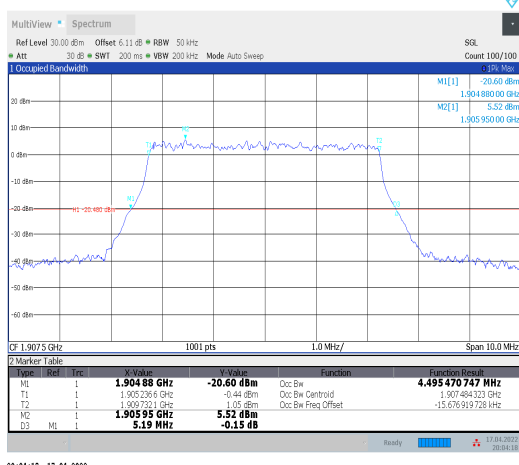
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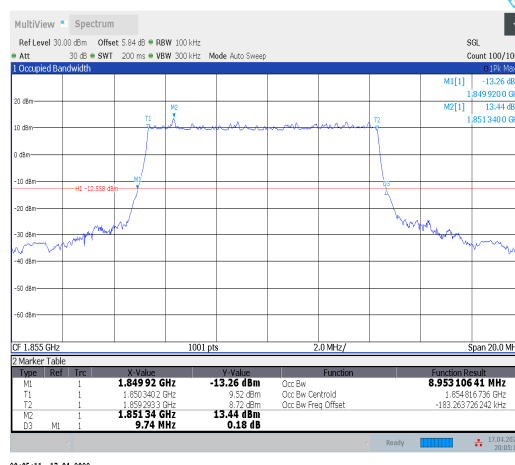
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1-N2--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant0-4.483-5.180-≤5-PASS



1-N2--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant0-4.495-5.190-≤5-PASS



1-N2--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant0-8.953-9.740-≤10-PASS



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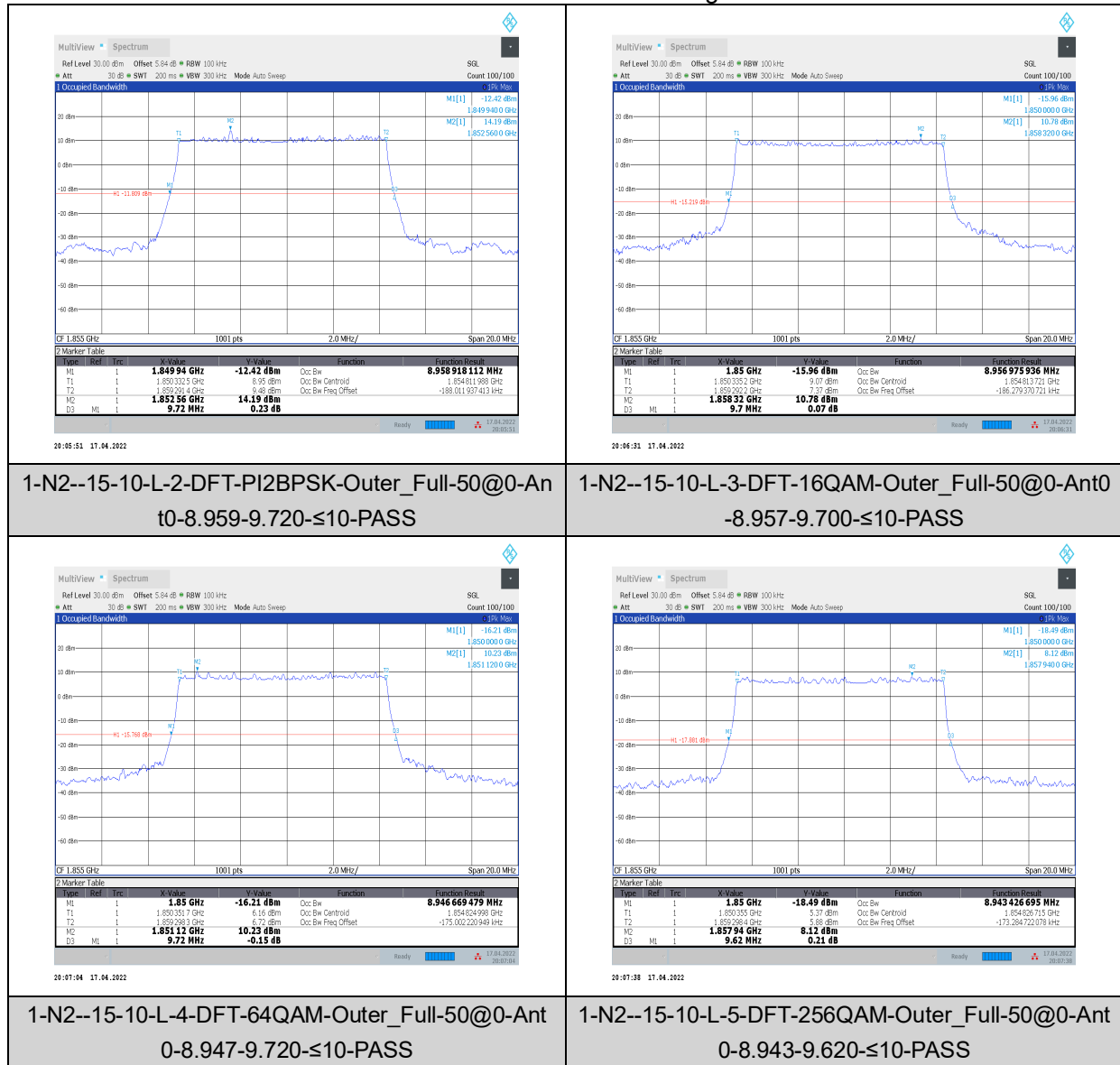
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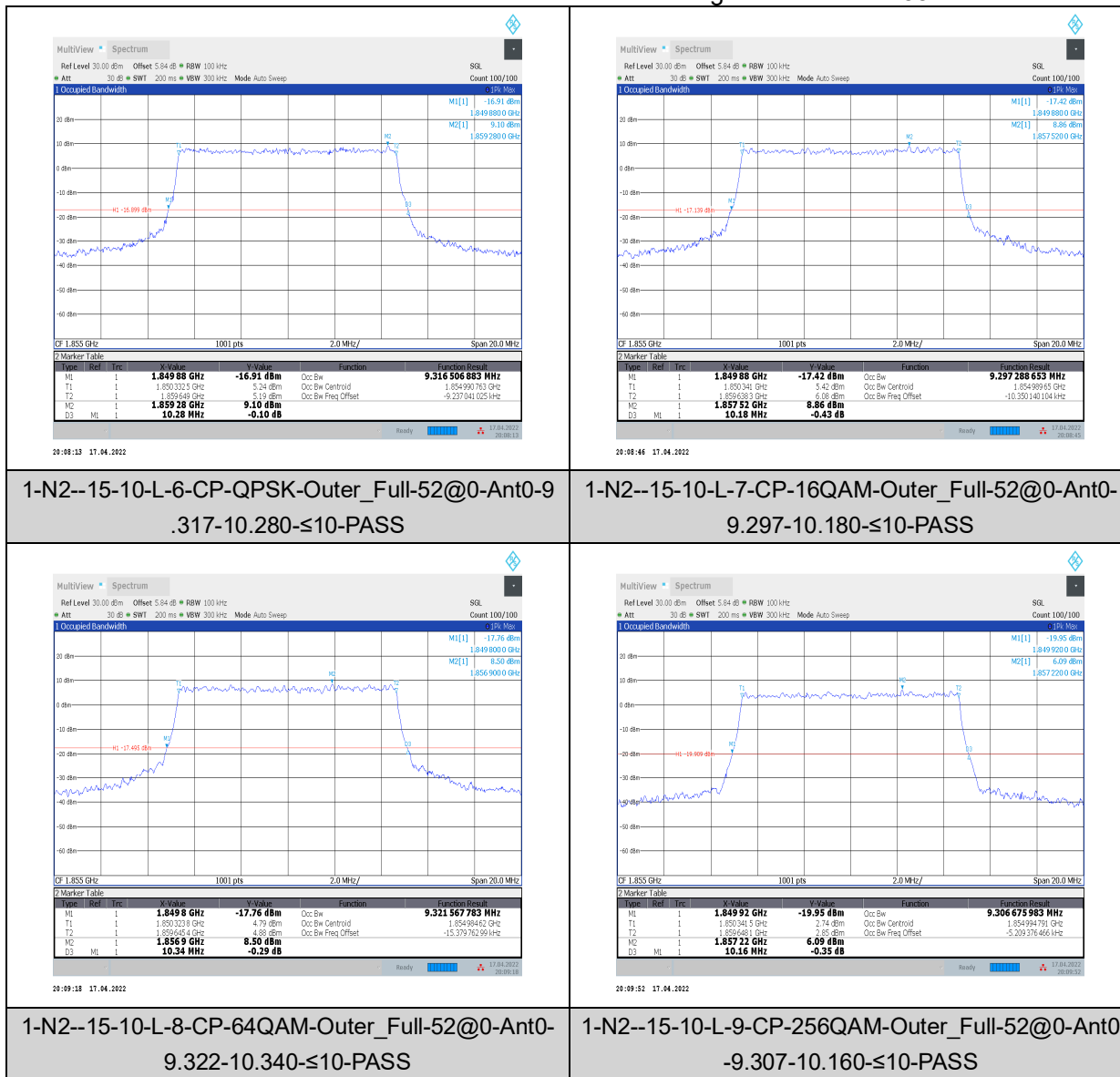
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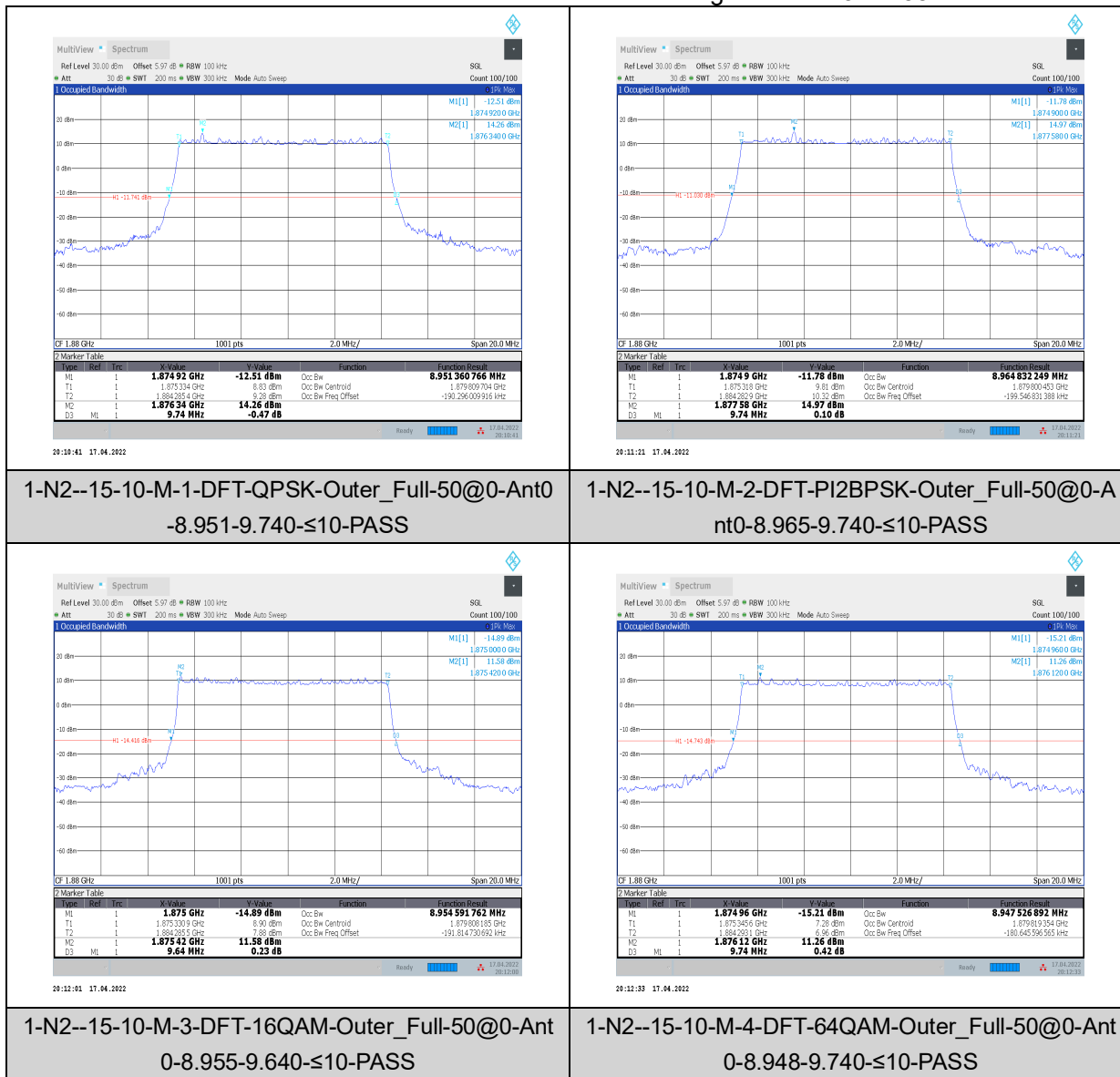
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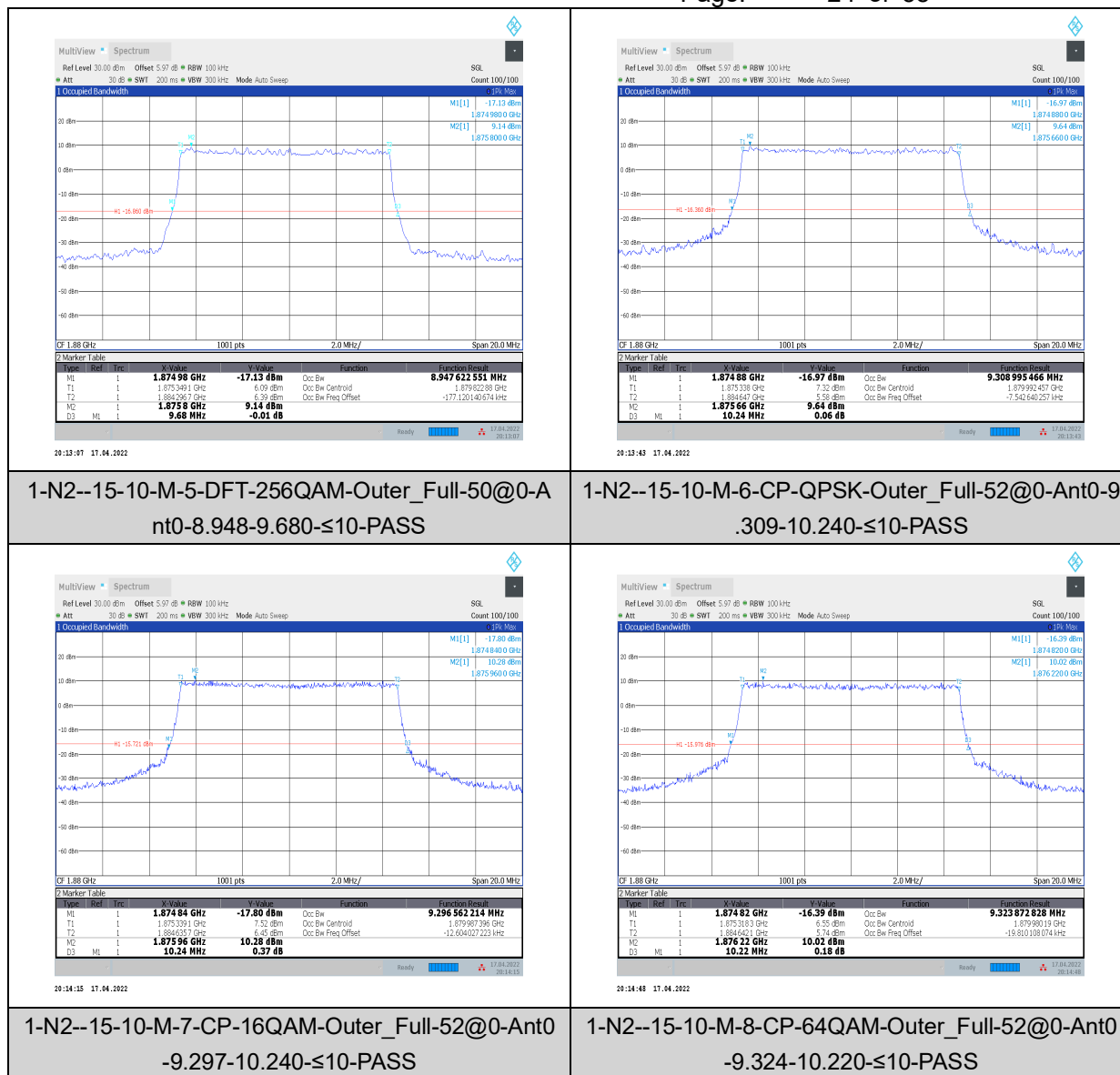
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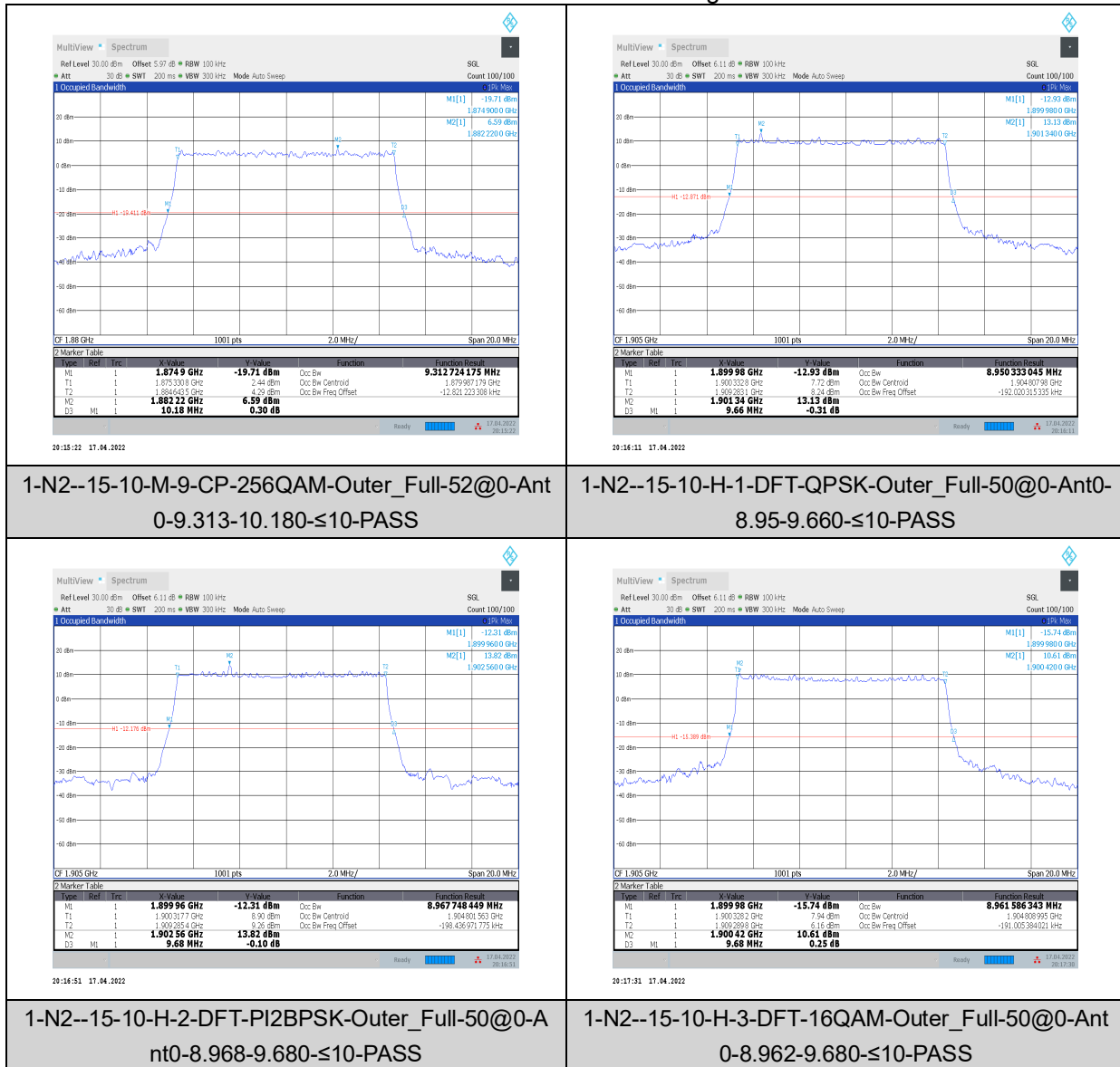
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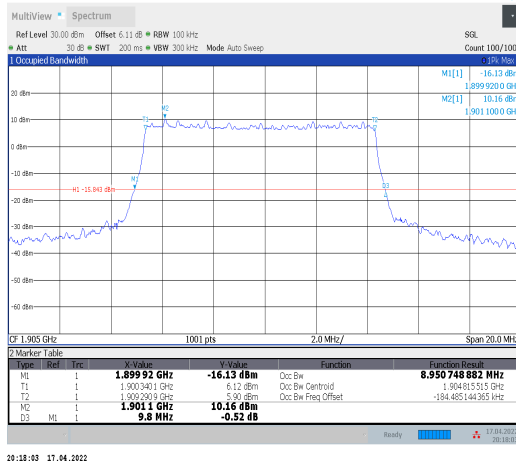
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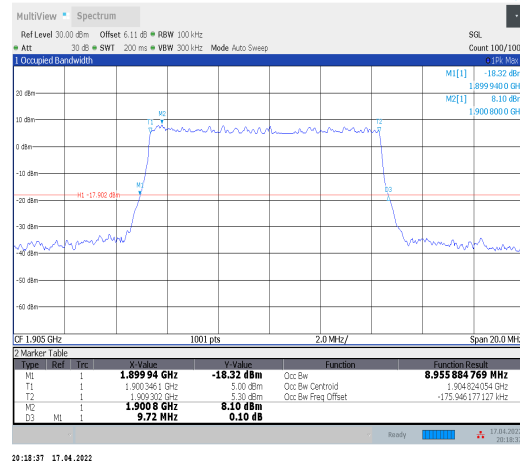
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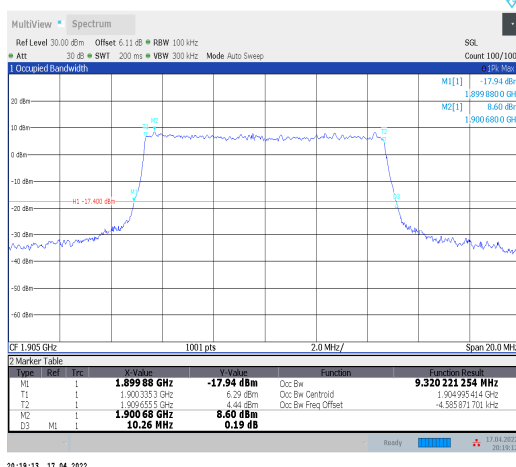
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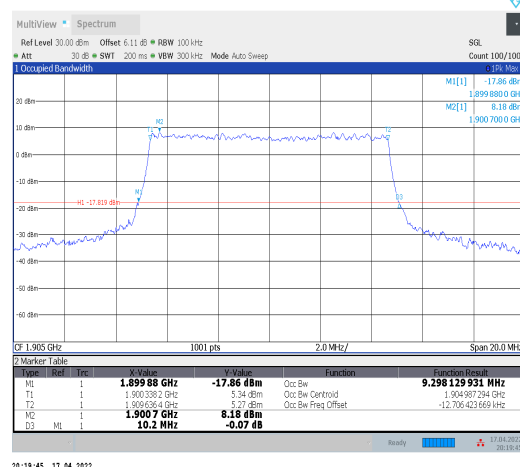
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t0-8.956-9.720≤10-PASS



1-N2--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant0-9
.32-10.260≤10-PASS



1-N2--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant0-
9.298-10.200≤10-PASS



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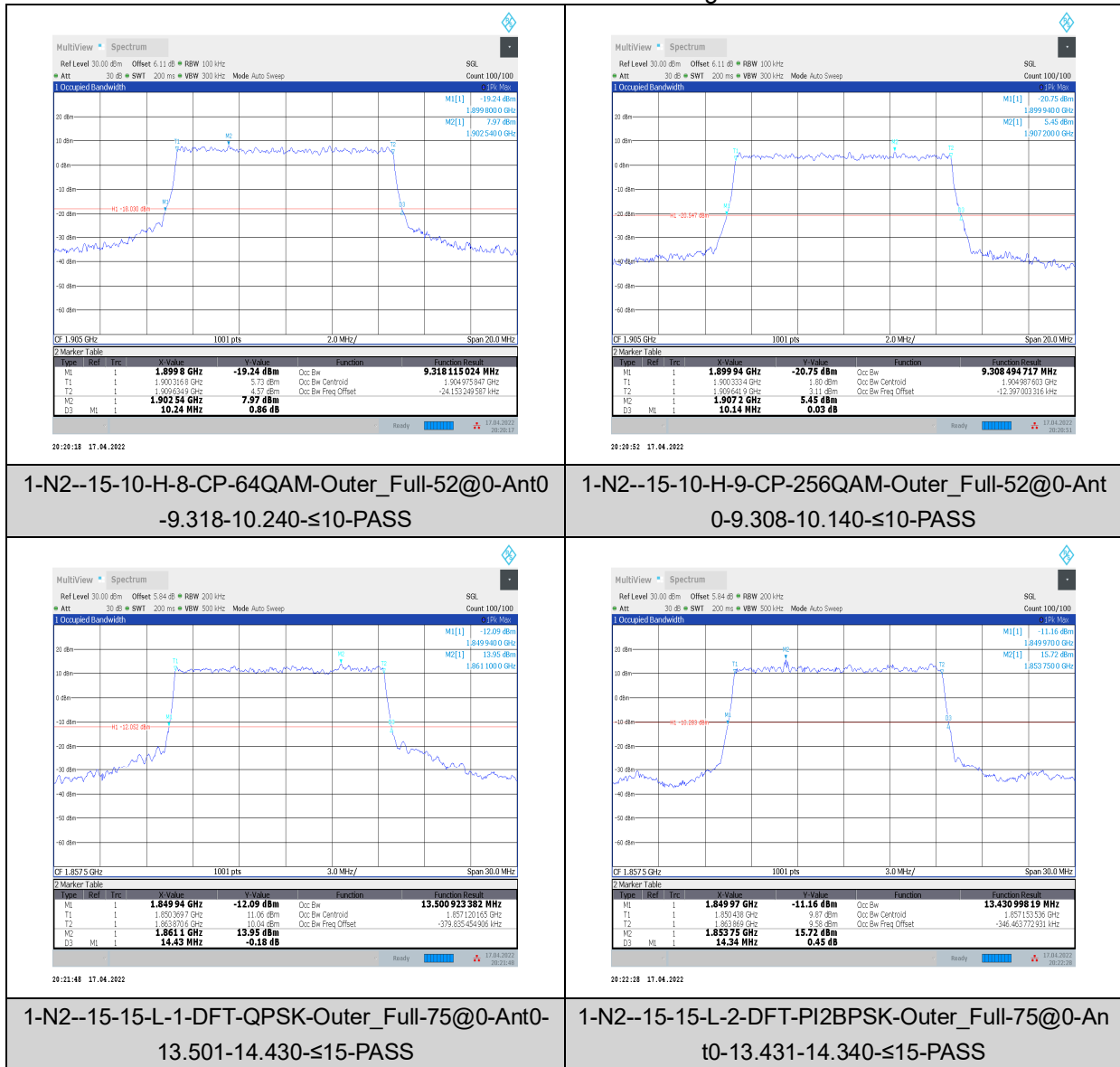
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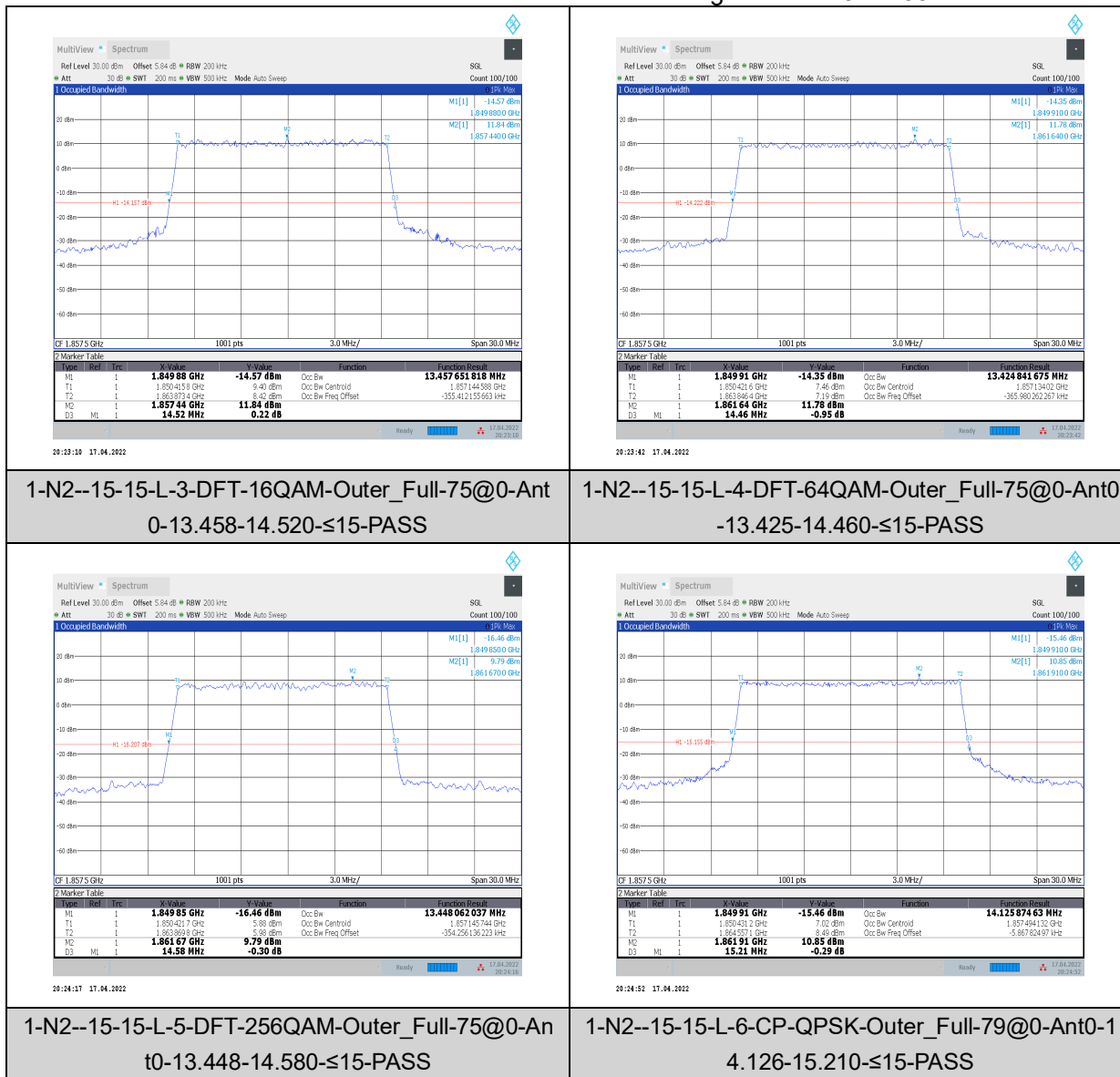
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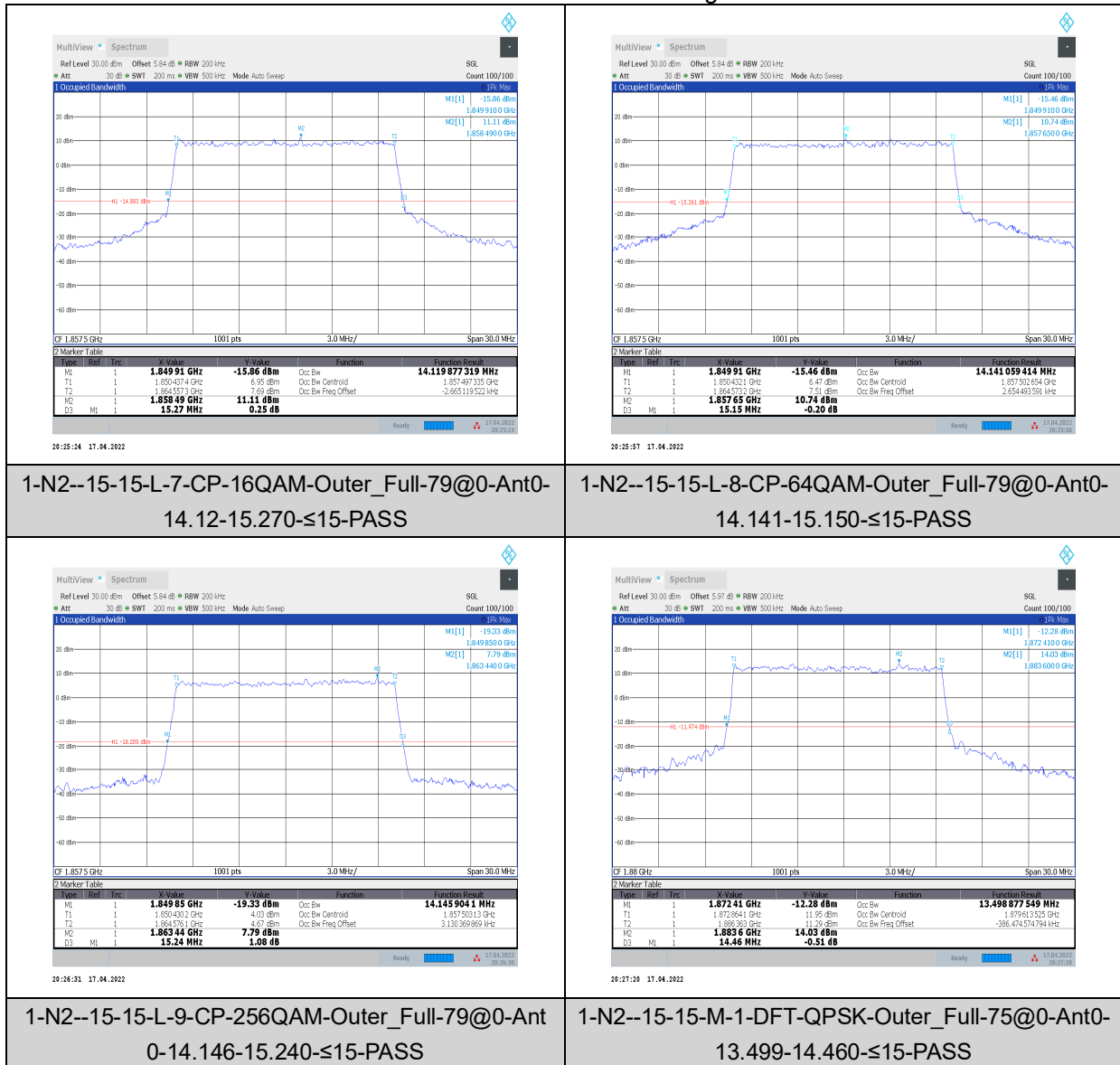
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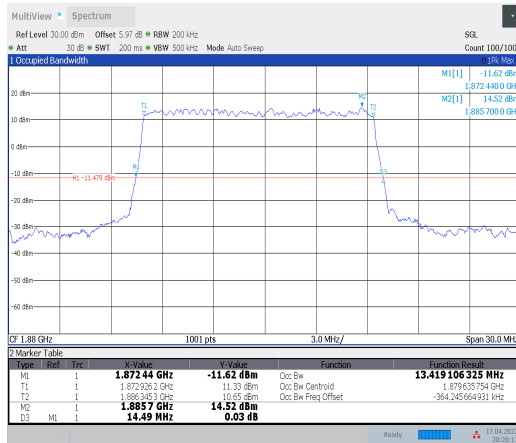
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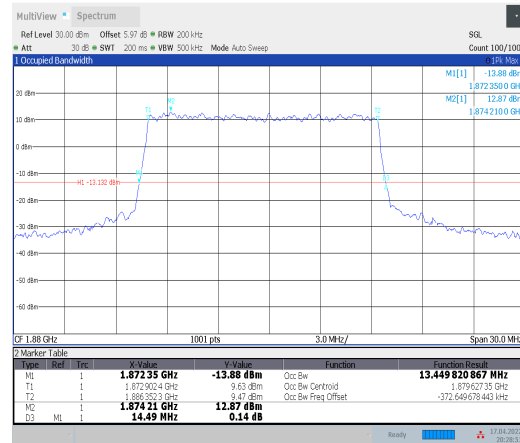
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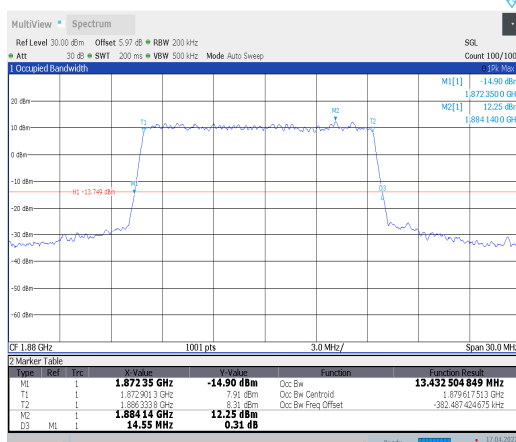
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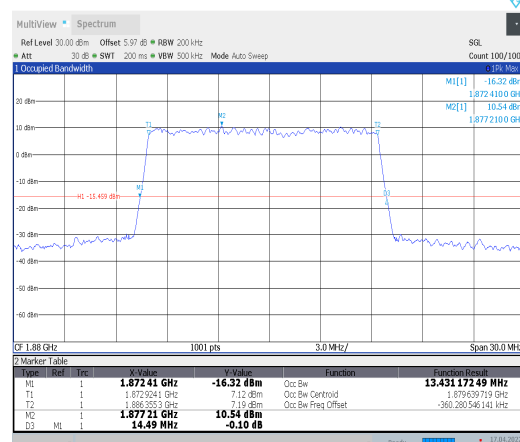
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1-N2--15-15-M-5-DFT-256QAM-Outter_Full-75@0-Ant
t0-13.431-14.490-≤15-PASS



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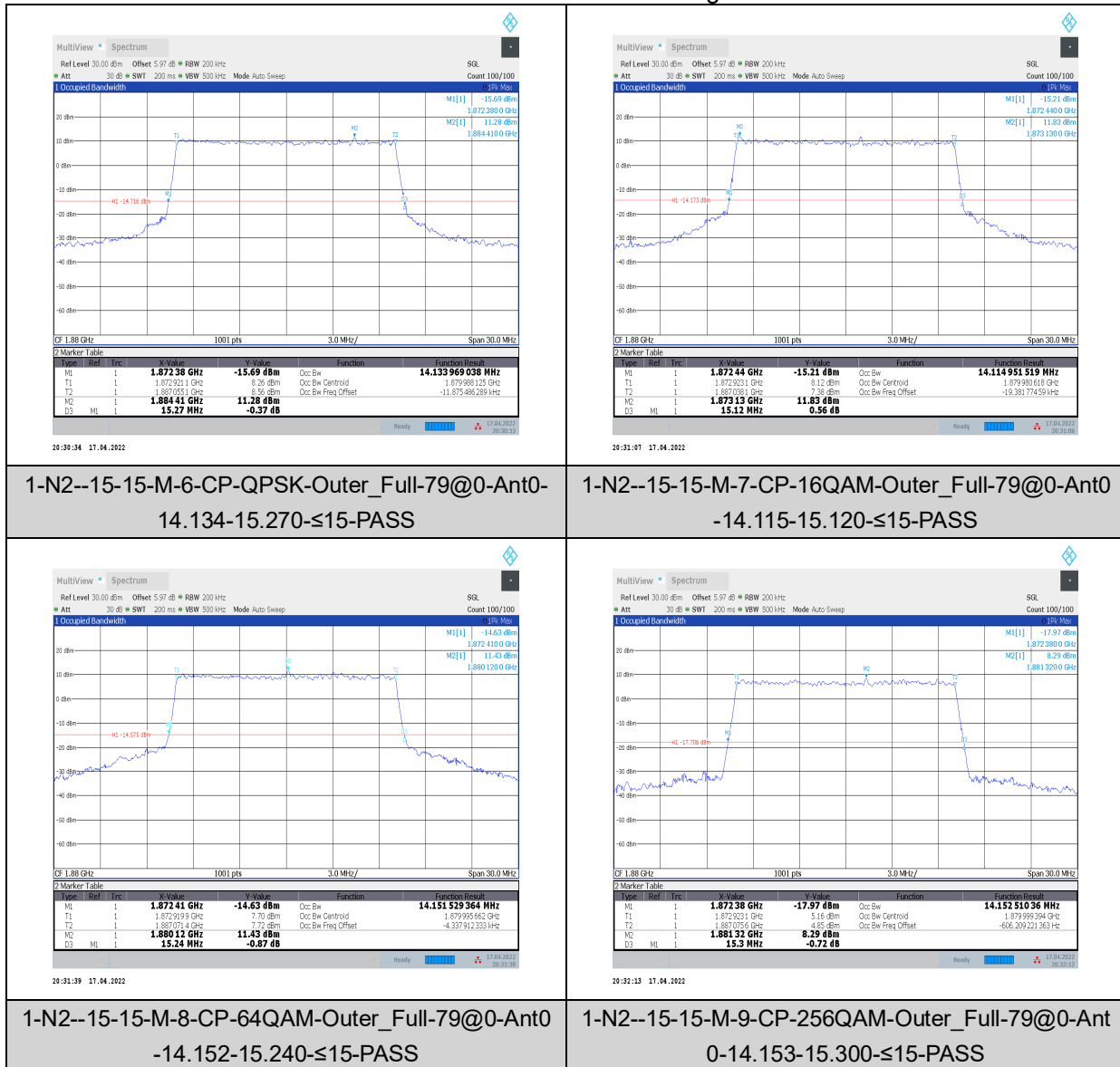
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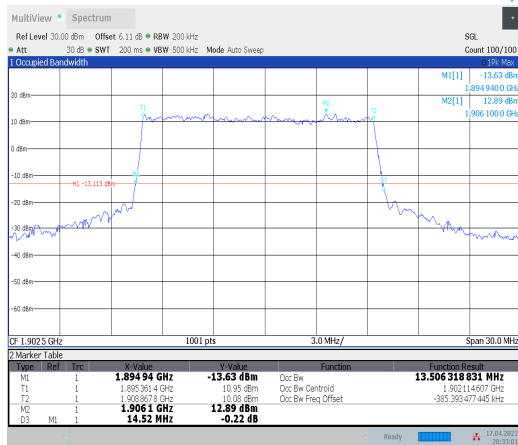
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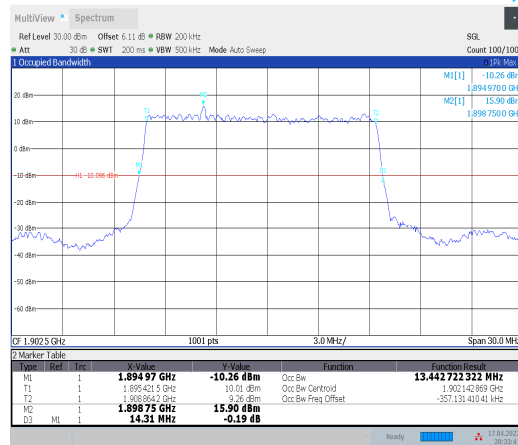
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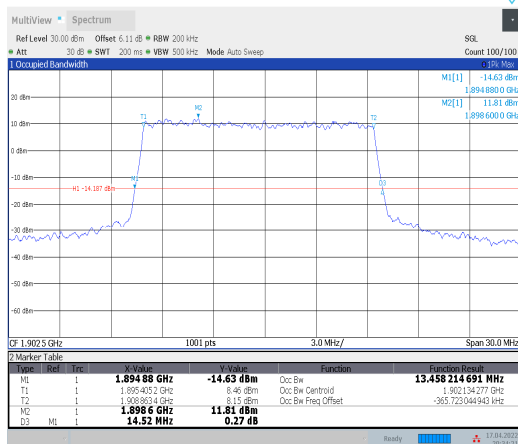
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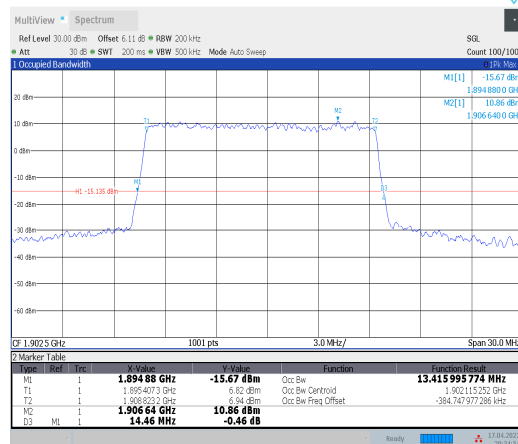
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1-N2--15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant0-13.458-14.520≤15-PASS



1-N2--15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant0-13.416-14.460≤15-PASS



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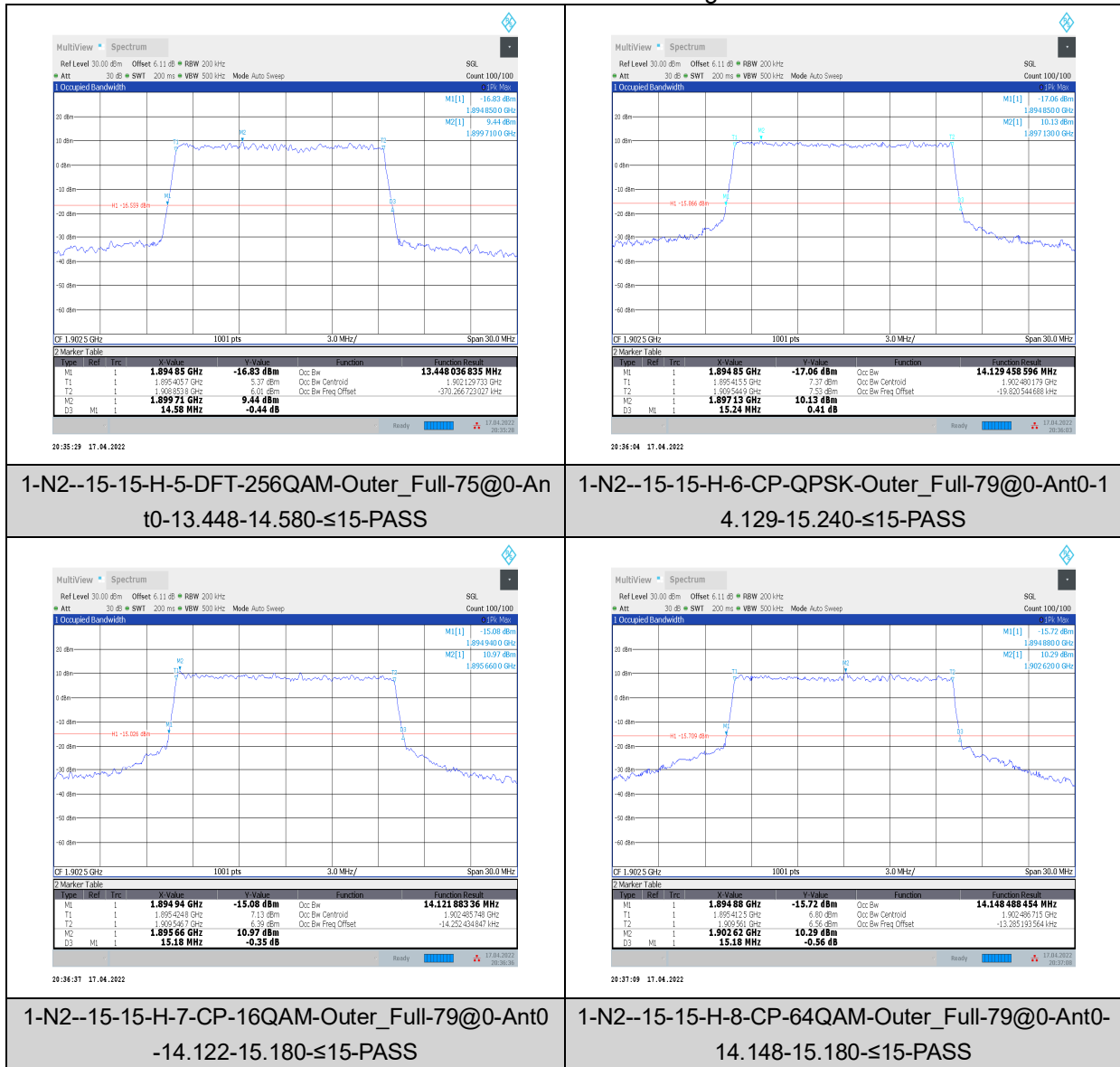
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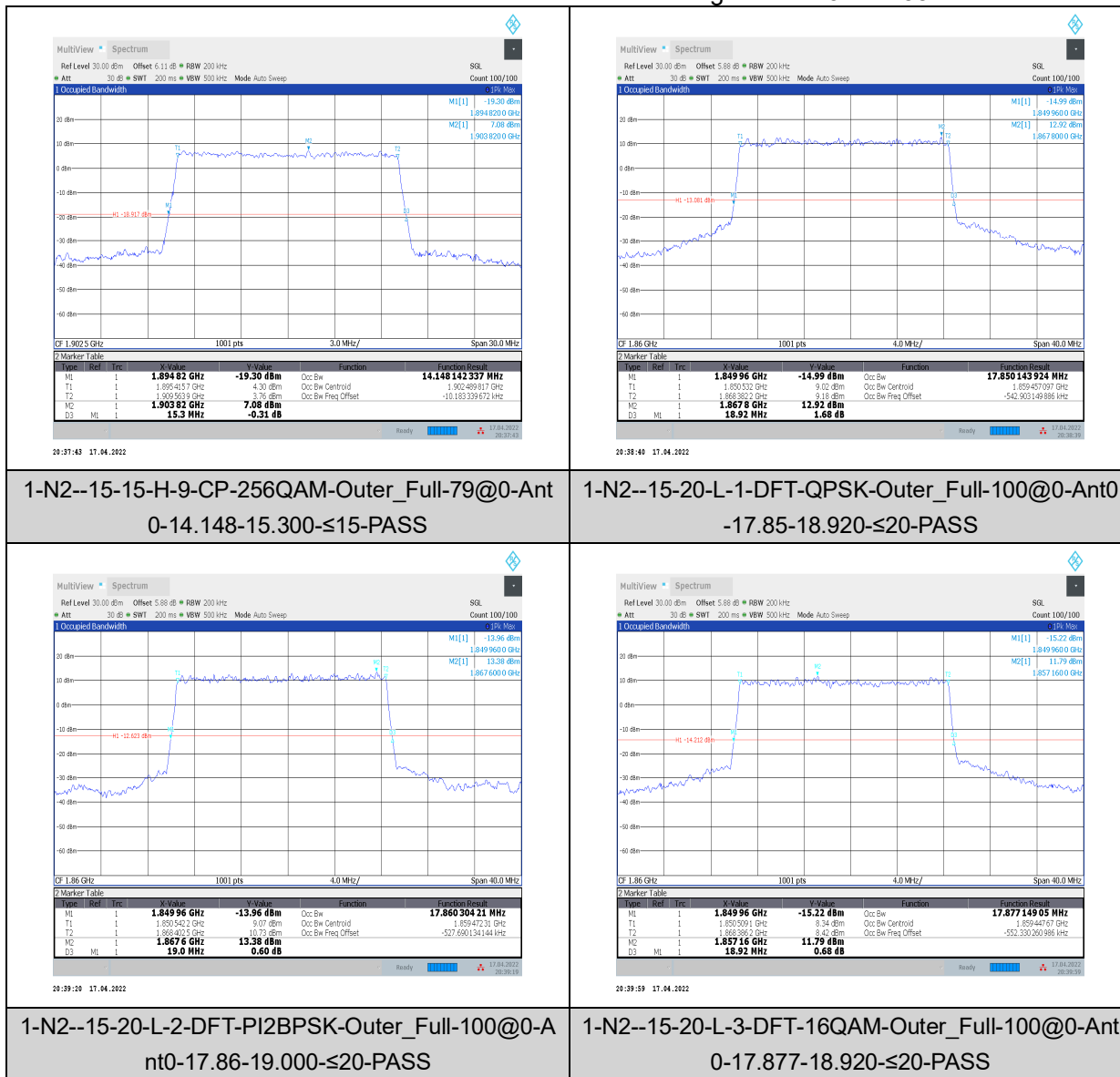
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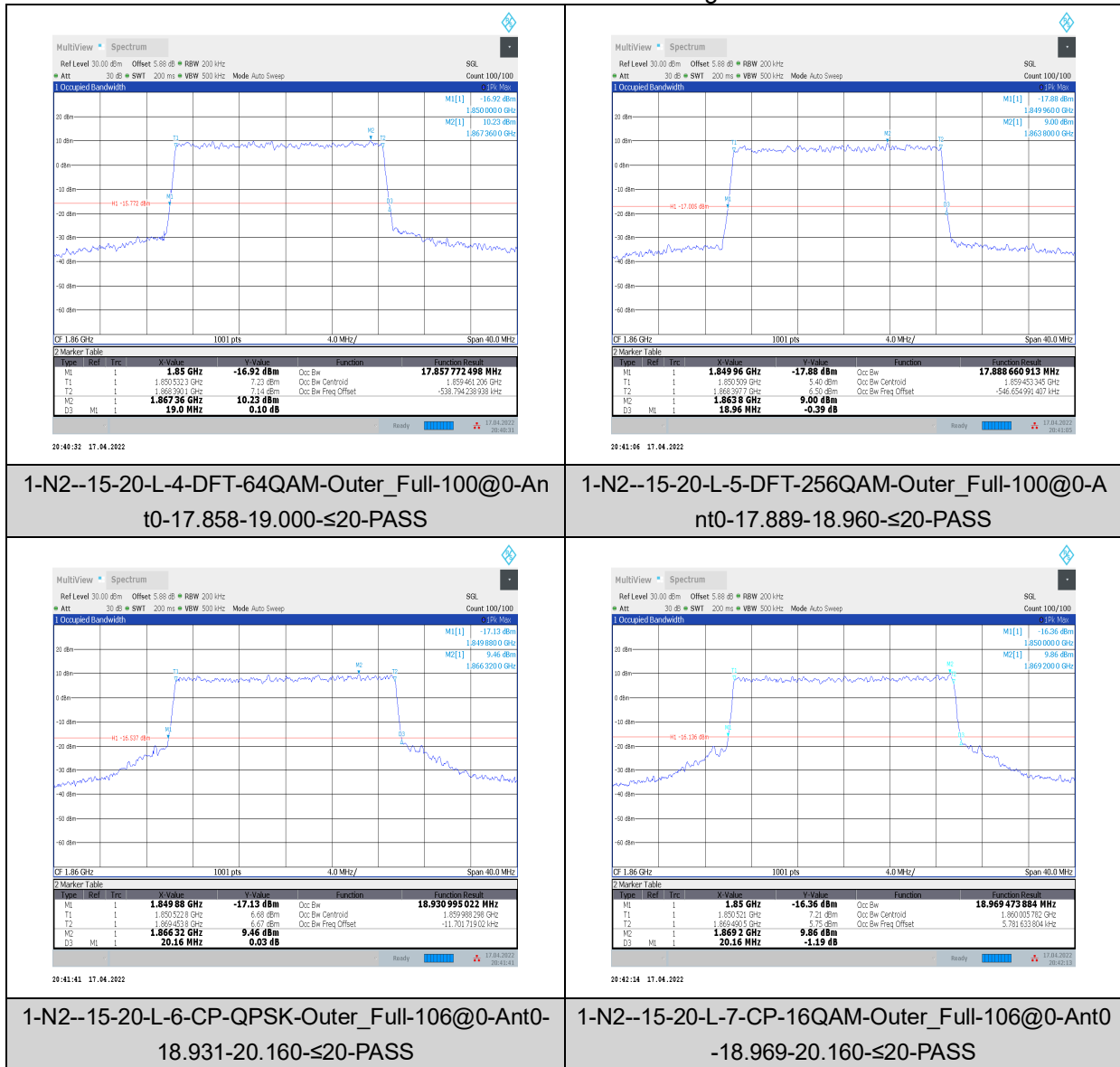
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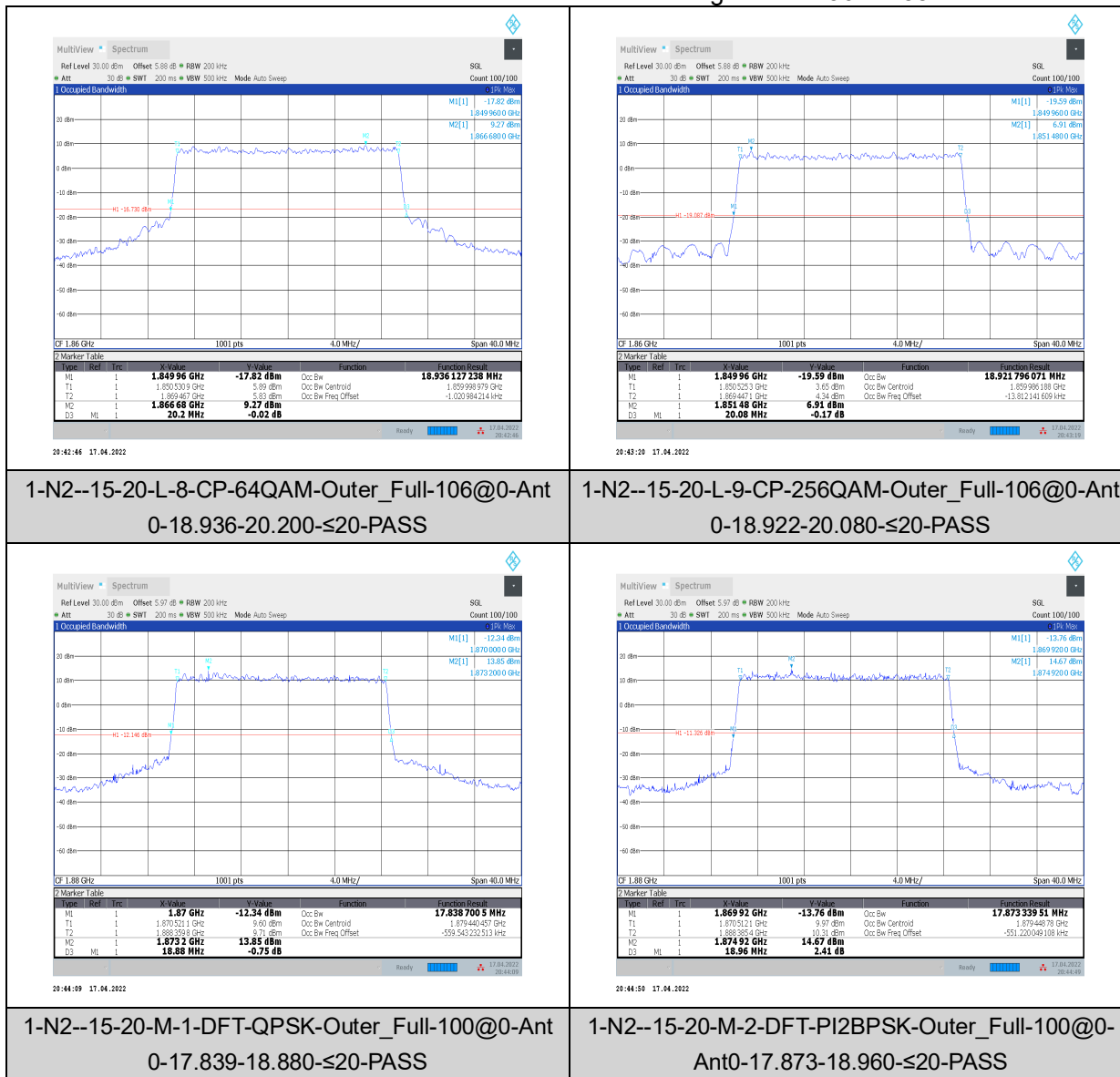
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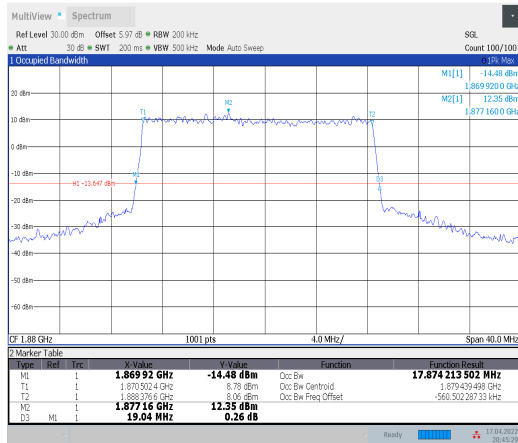
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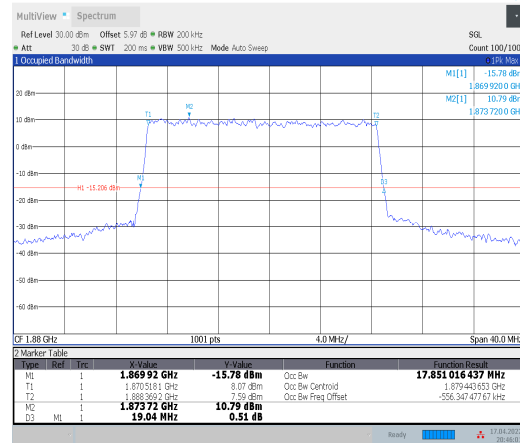
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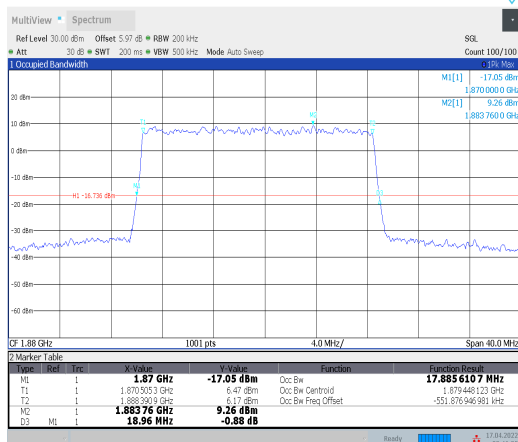
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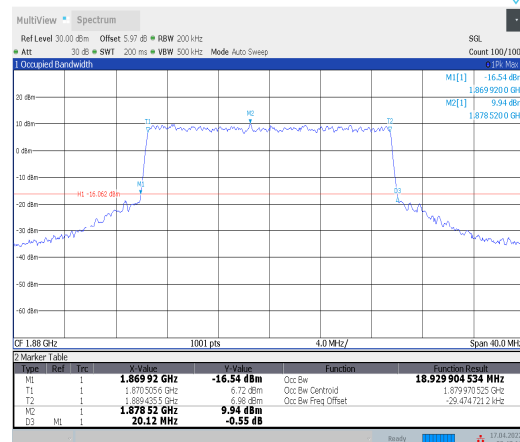
1-N2--15-20-M-3-DFT-16QAM-Outer_Full-100@0-A
nt0-17.874-19.040-≤20-PASS



1-N2--15-20-M-4-DFT-64QAM-Outer_Full-100@0-An
t0-17.851-19.040-≤20-PASS



1-N2--15-20-M-5-DFT-256QAM-Outer_Full-100@0-A
Ant0-17.886-19.960-≤20-PASS



1-N2--15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant0-
18.93-20.120-≤20-PASS



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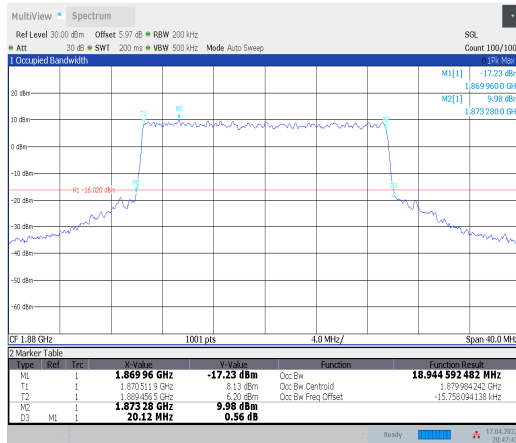
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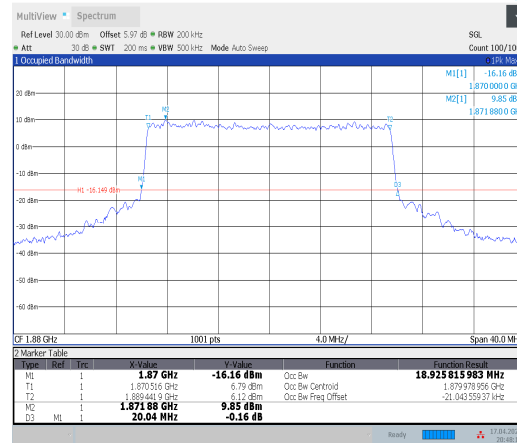
Report No.: SEWA2309000114RG10

Rev.: 01

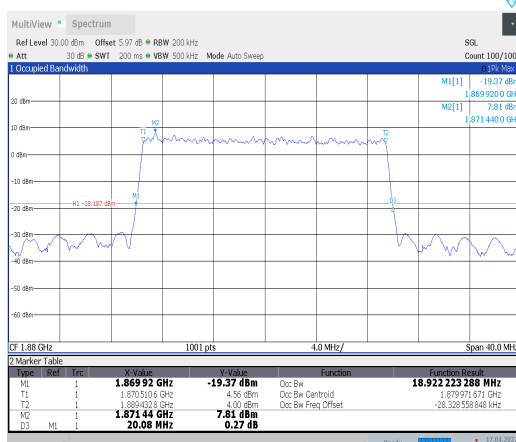
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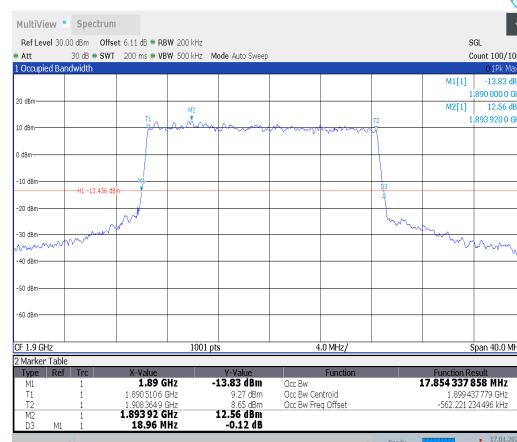
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0-18.945-20.120-≤20-PASS



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



1-N2--15-20-M-9-CP-256QAM-Outer_Full-106@0-A
nt0-18.922-20.080-≤20-PASS



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



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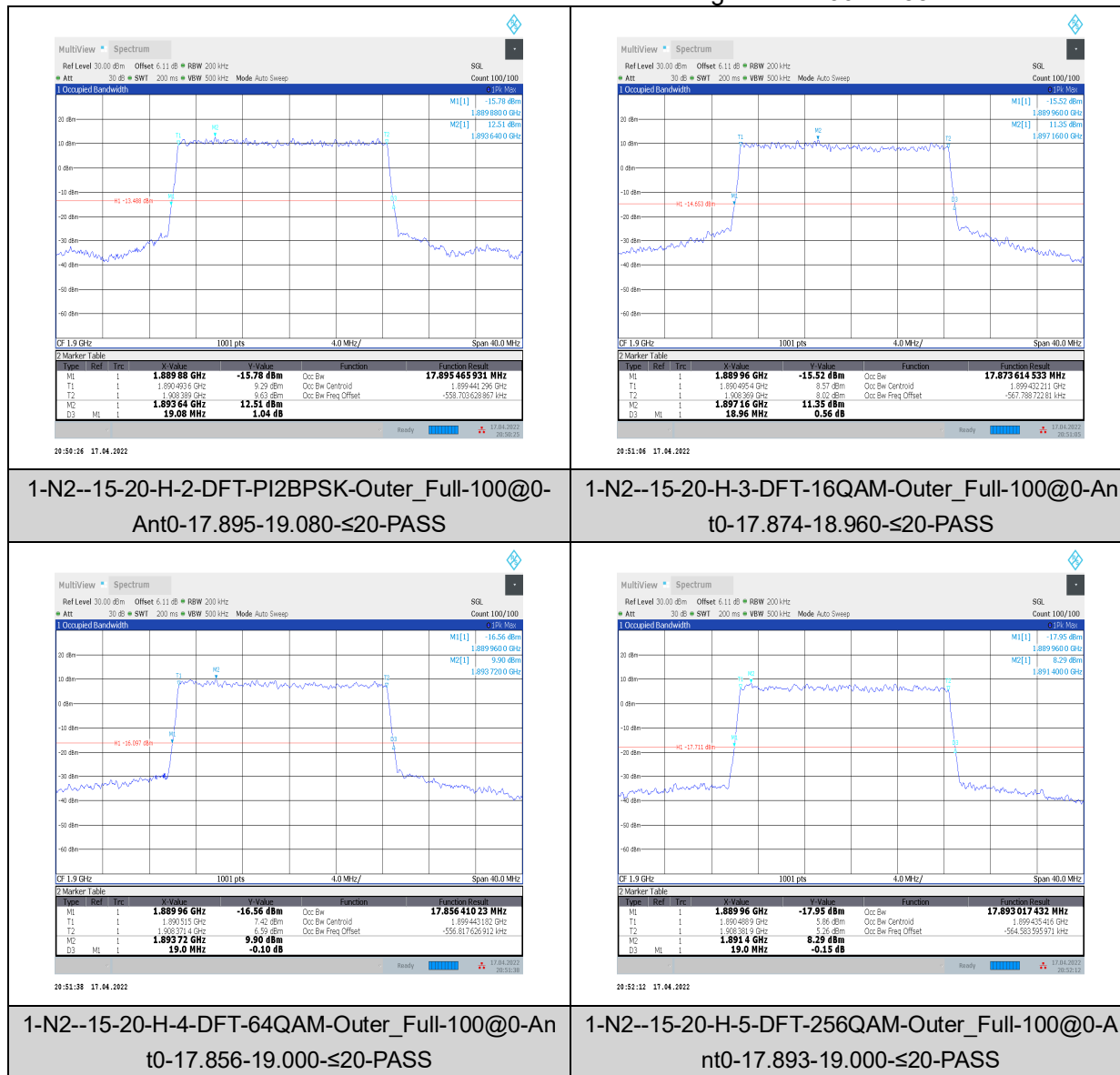
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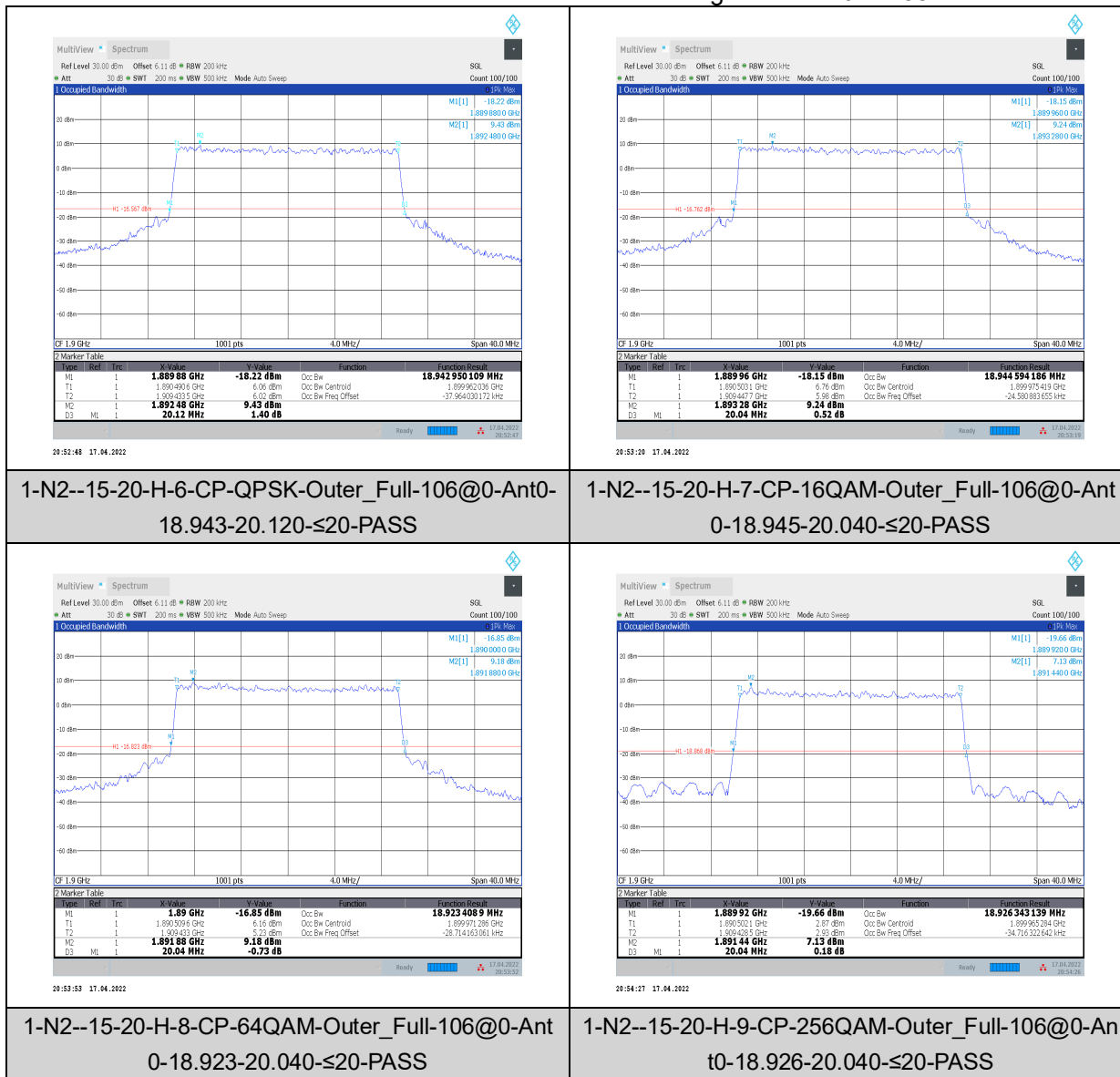
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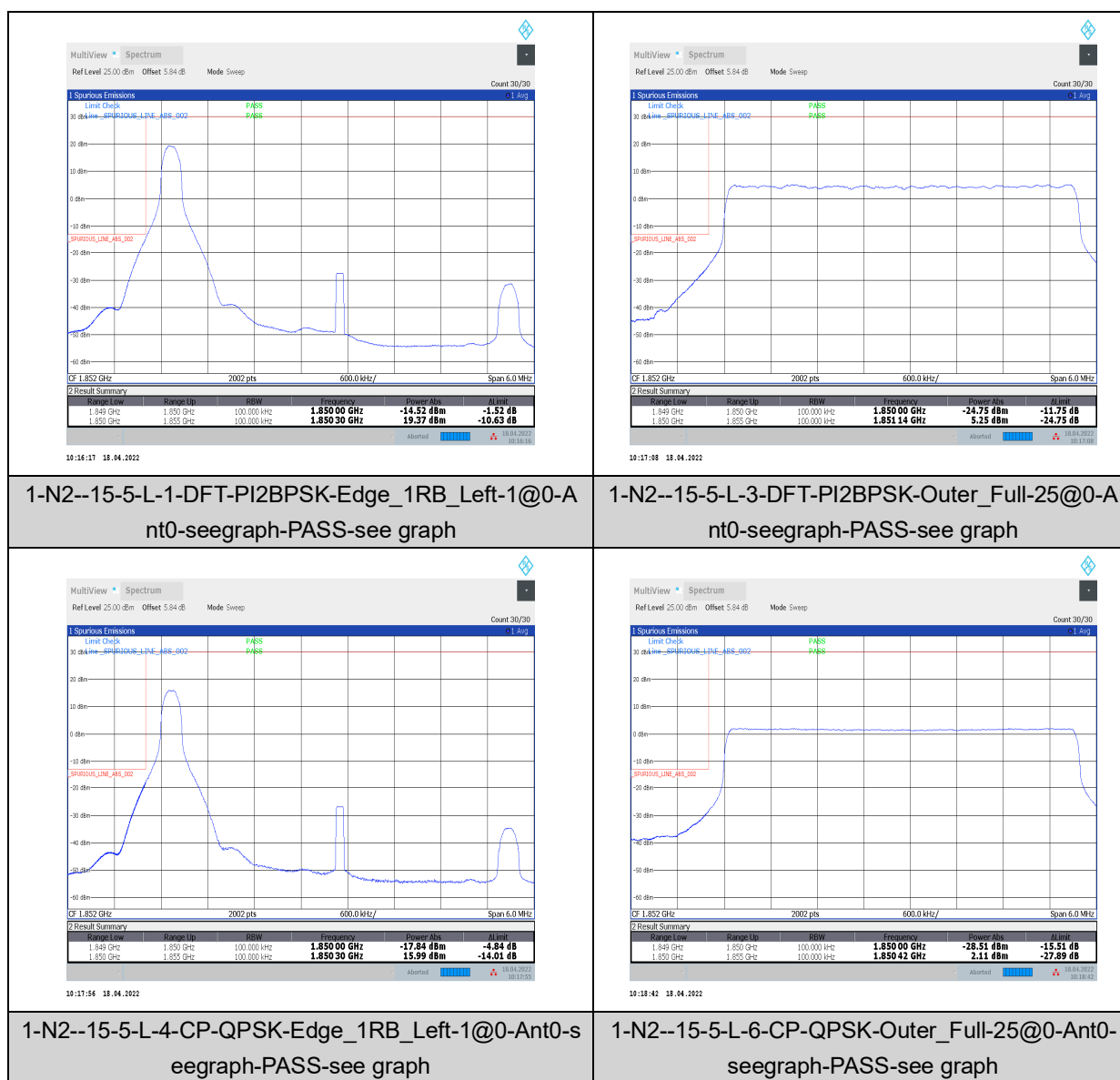
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Band Edge for SA

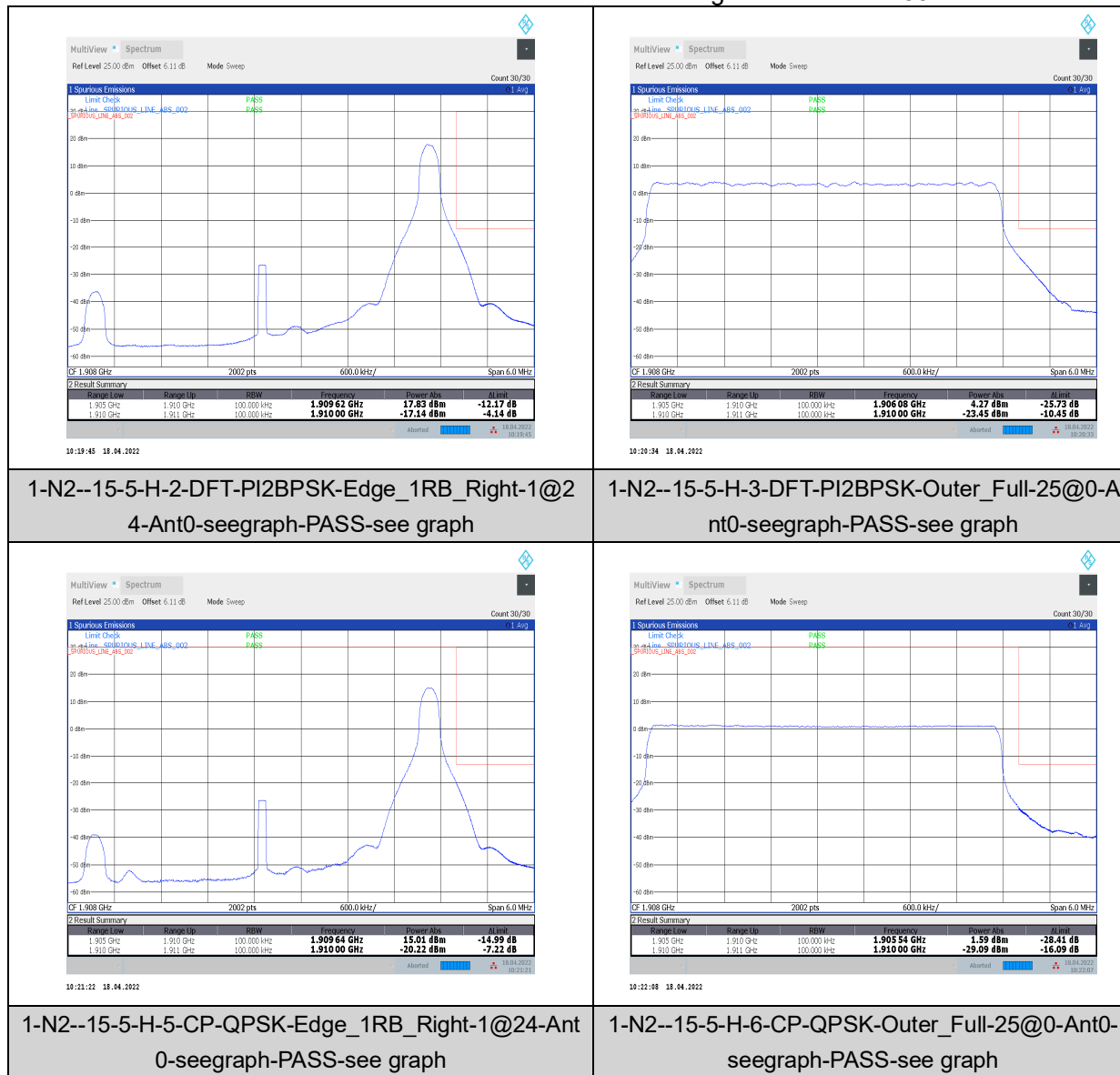
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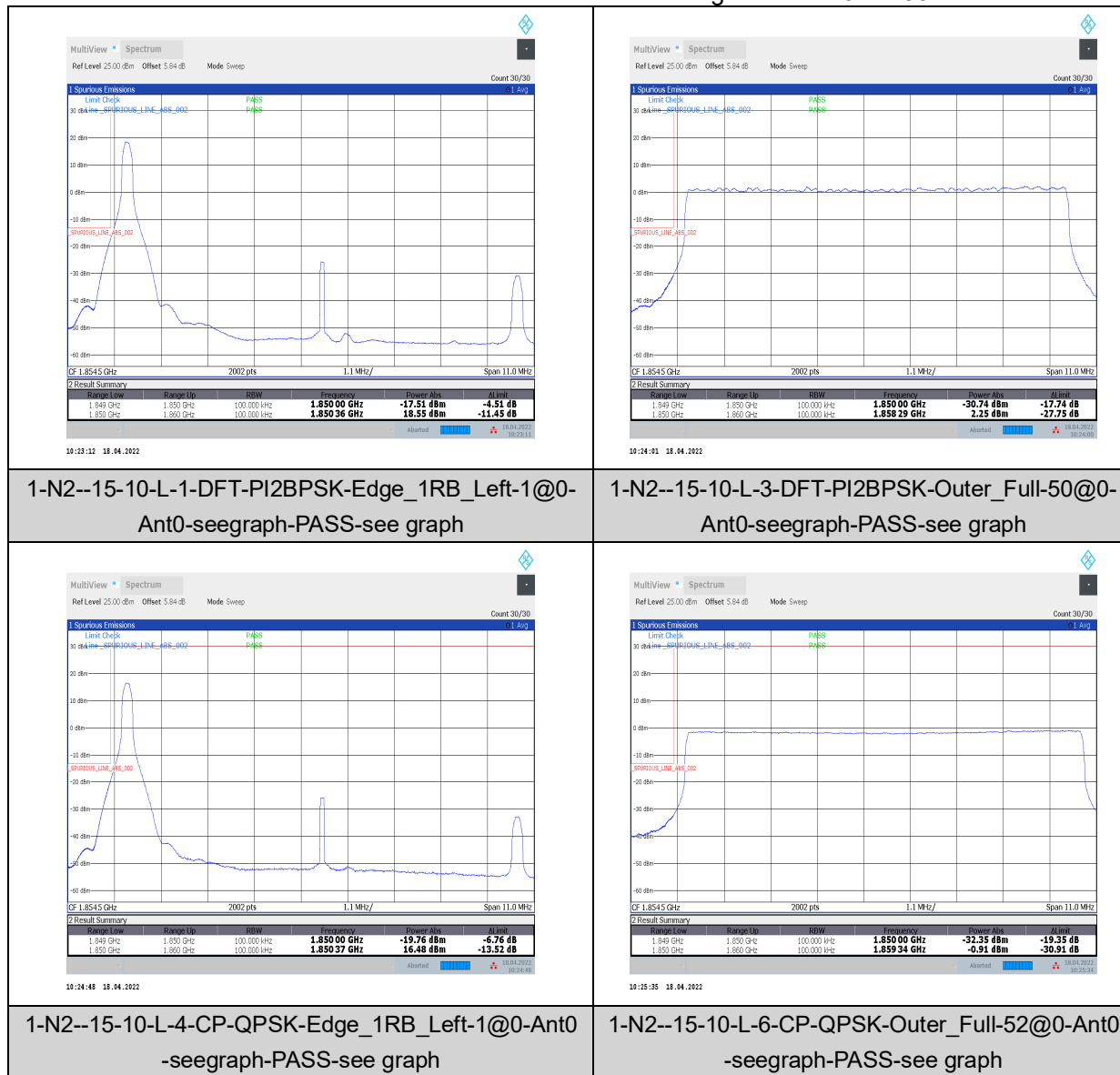
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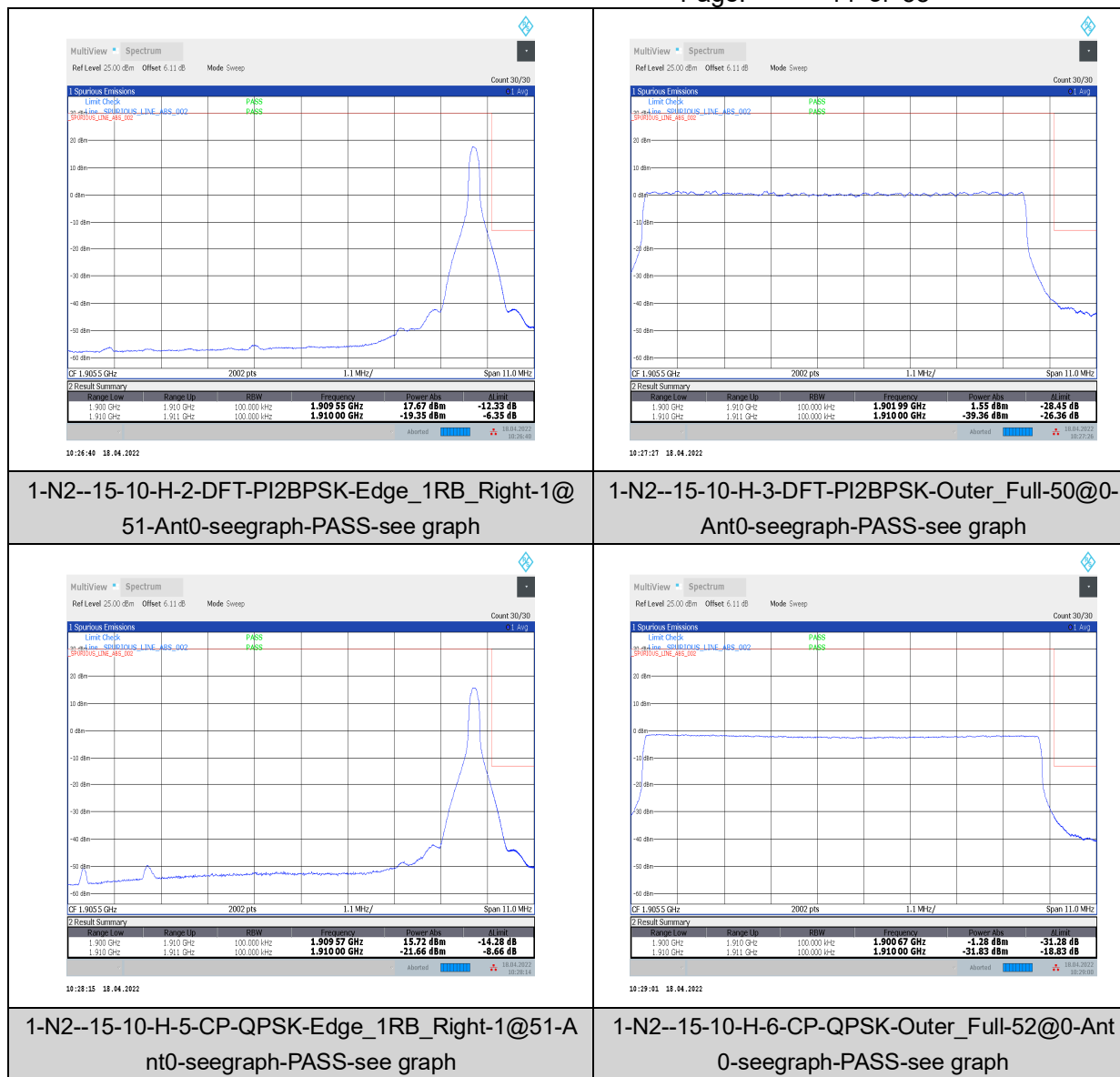
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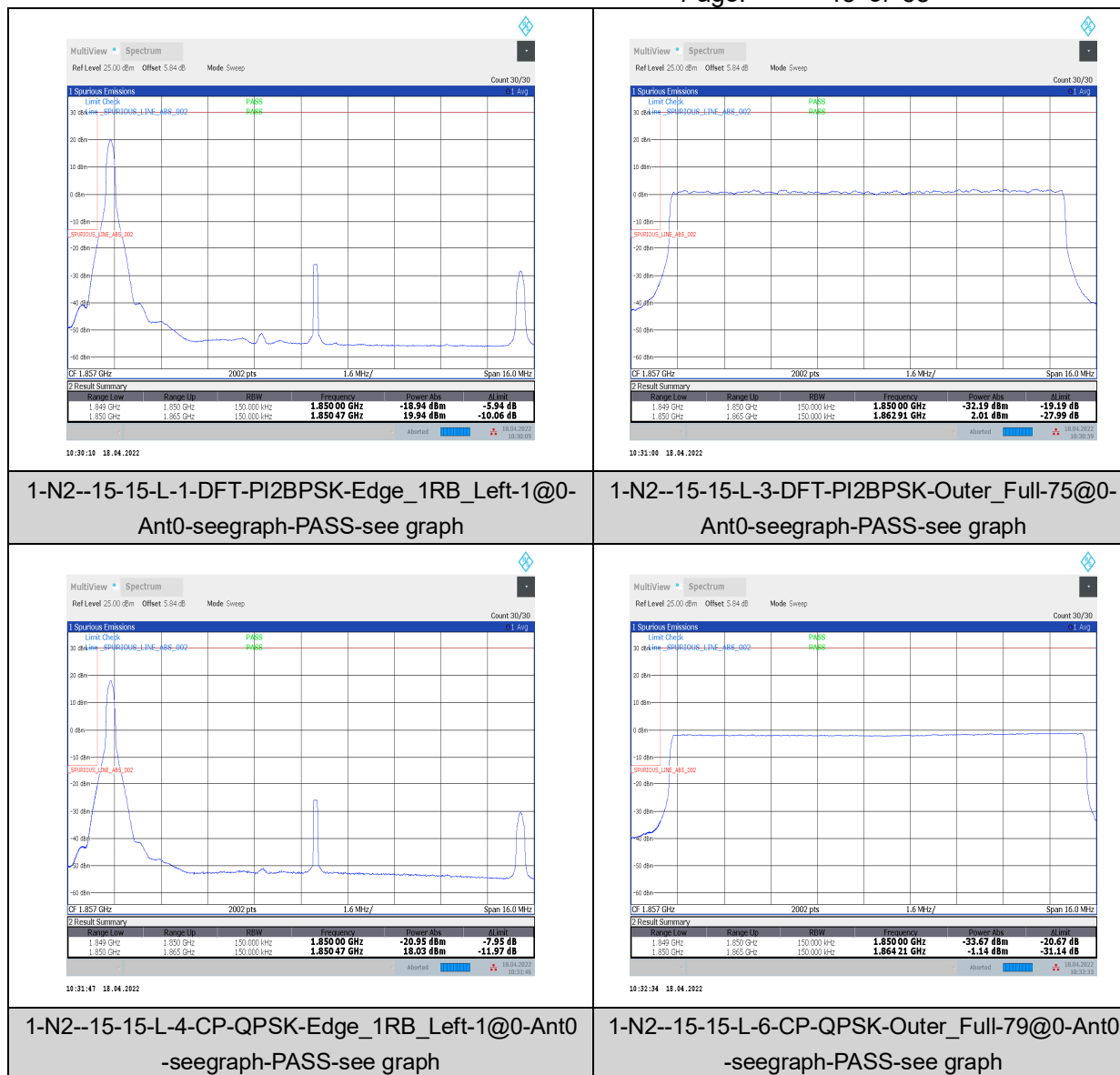
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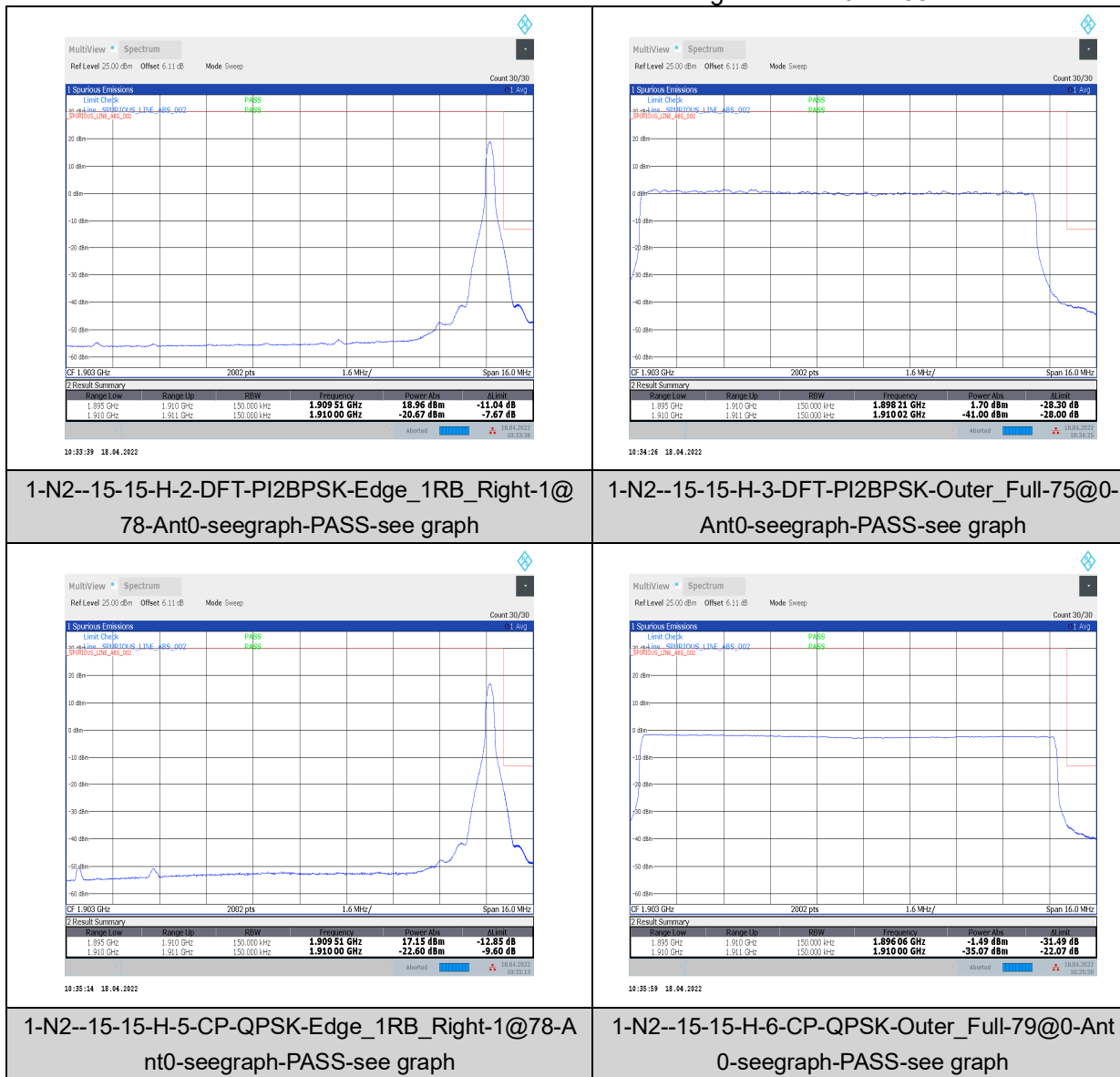
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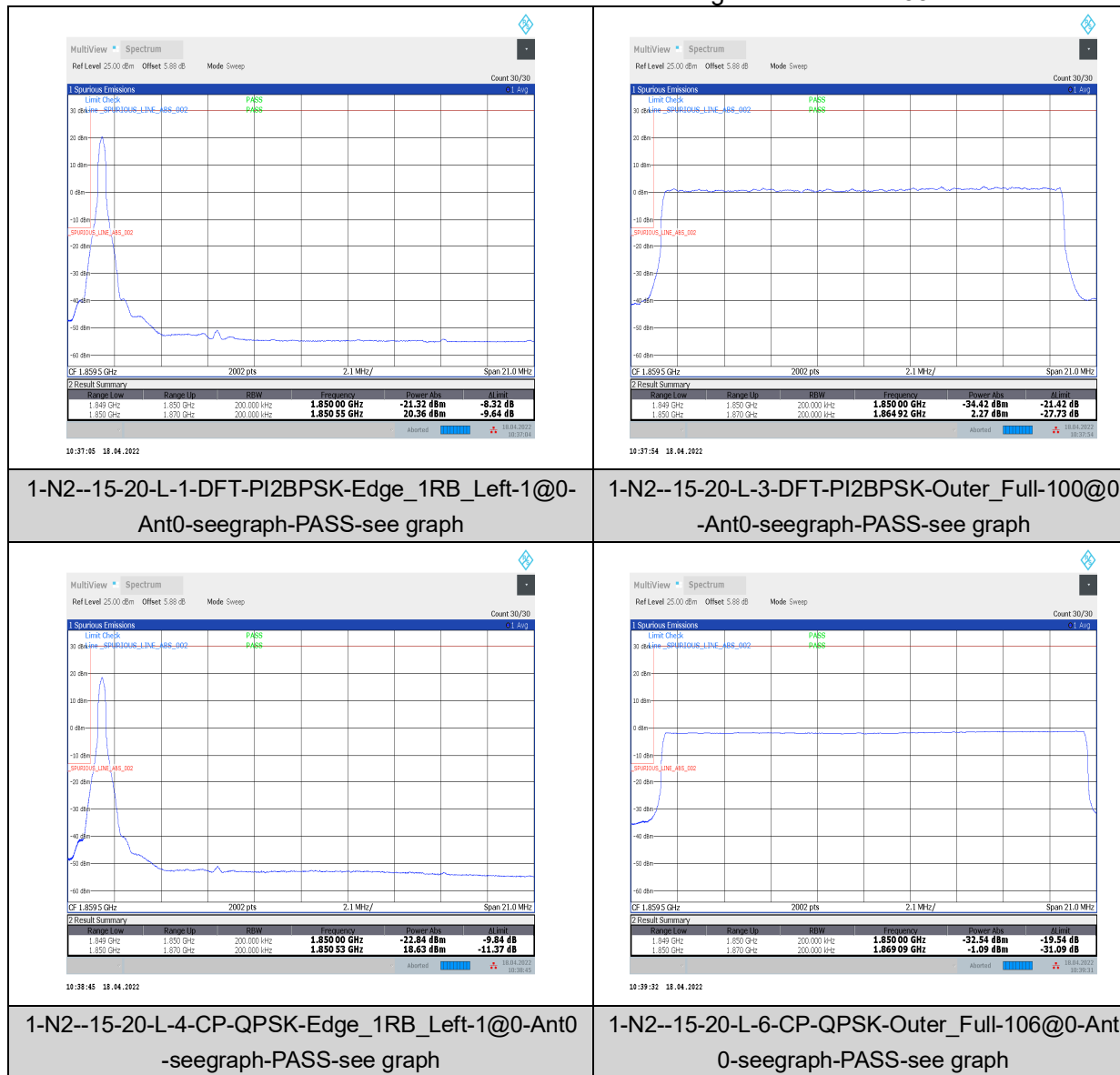
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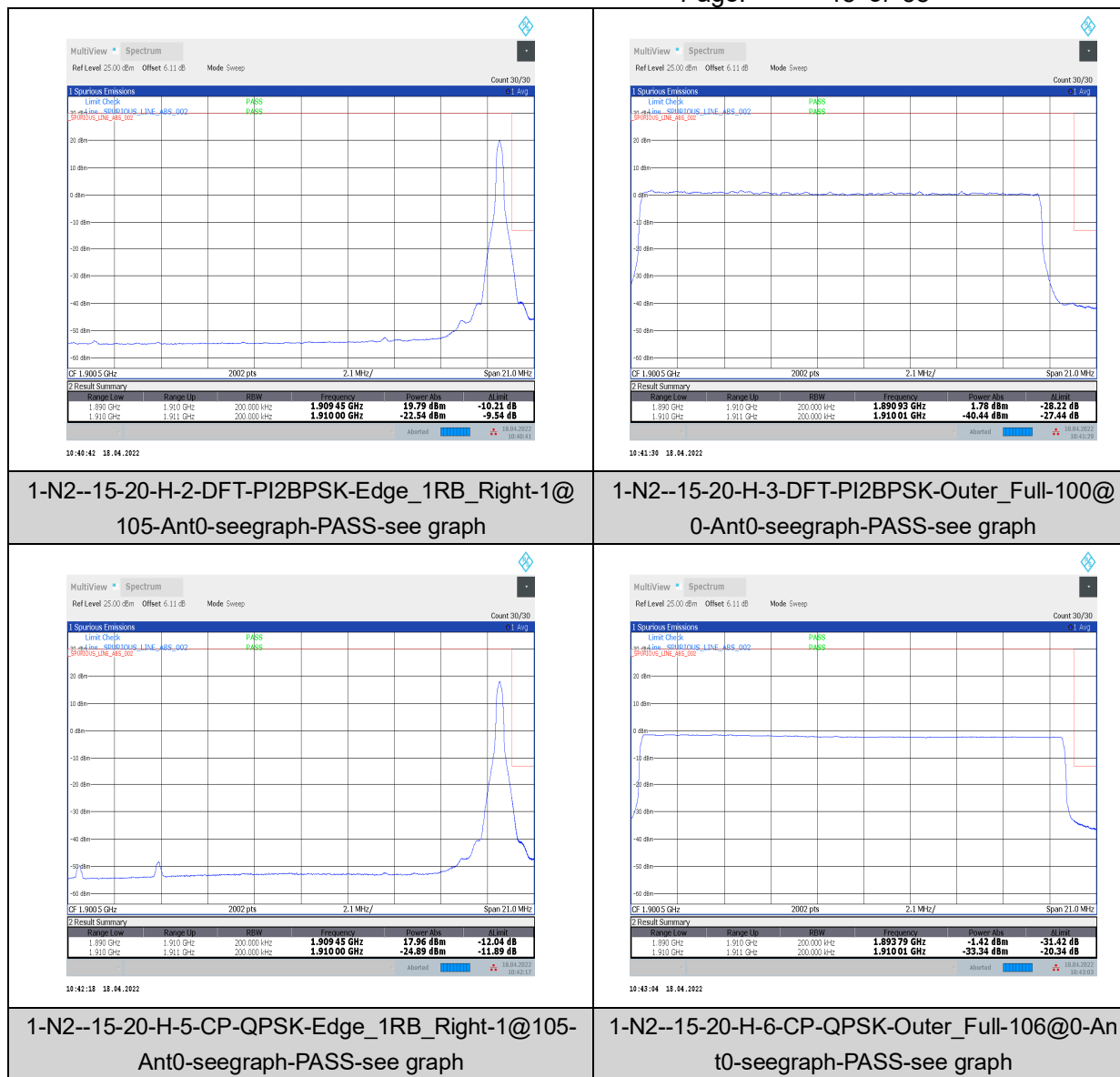
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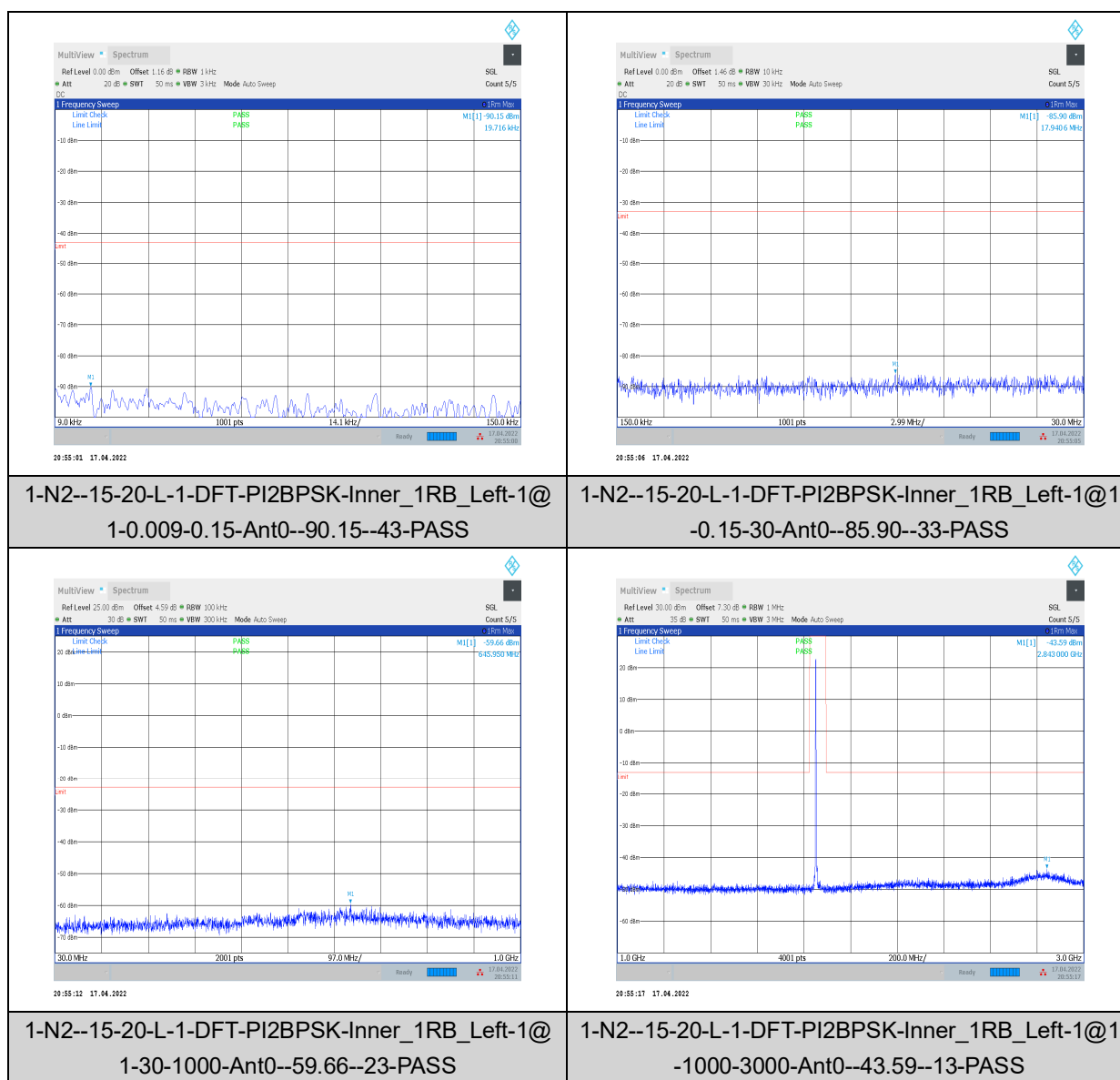
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Conducted Spurious Emission for SA

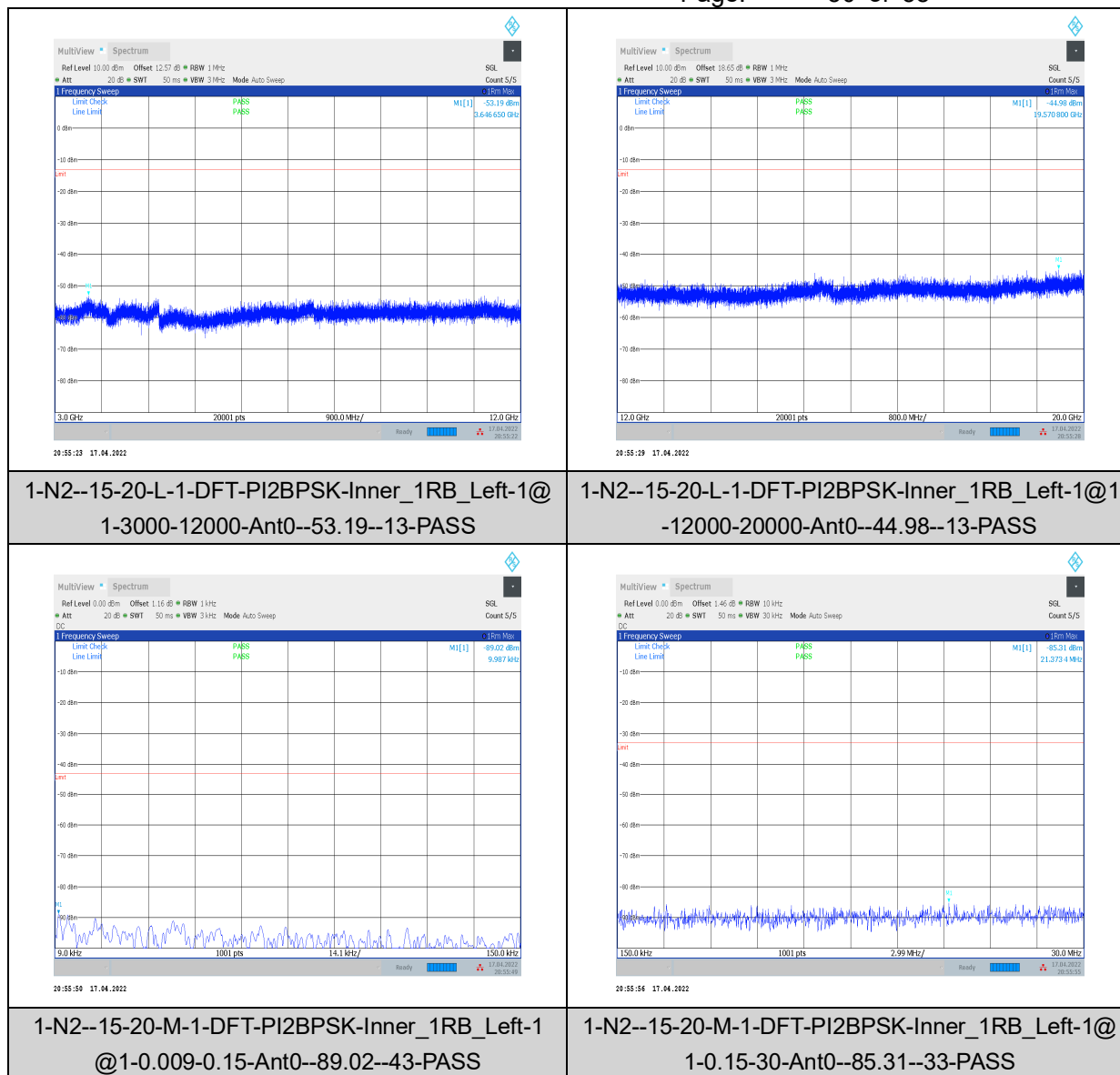
Test Graphs



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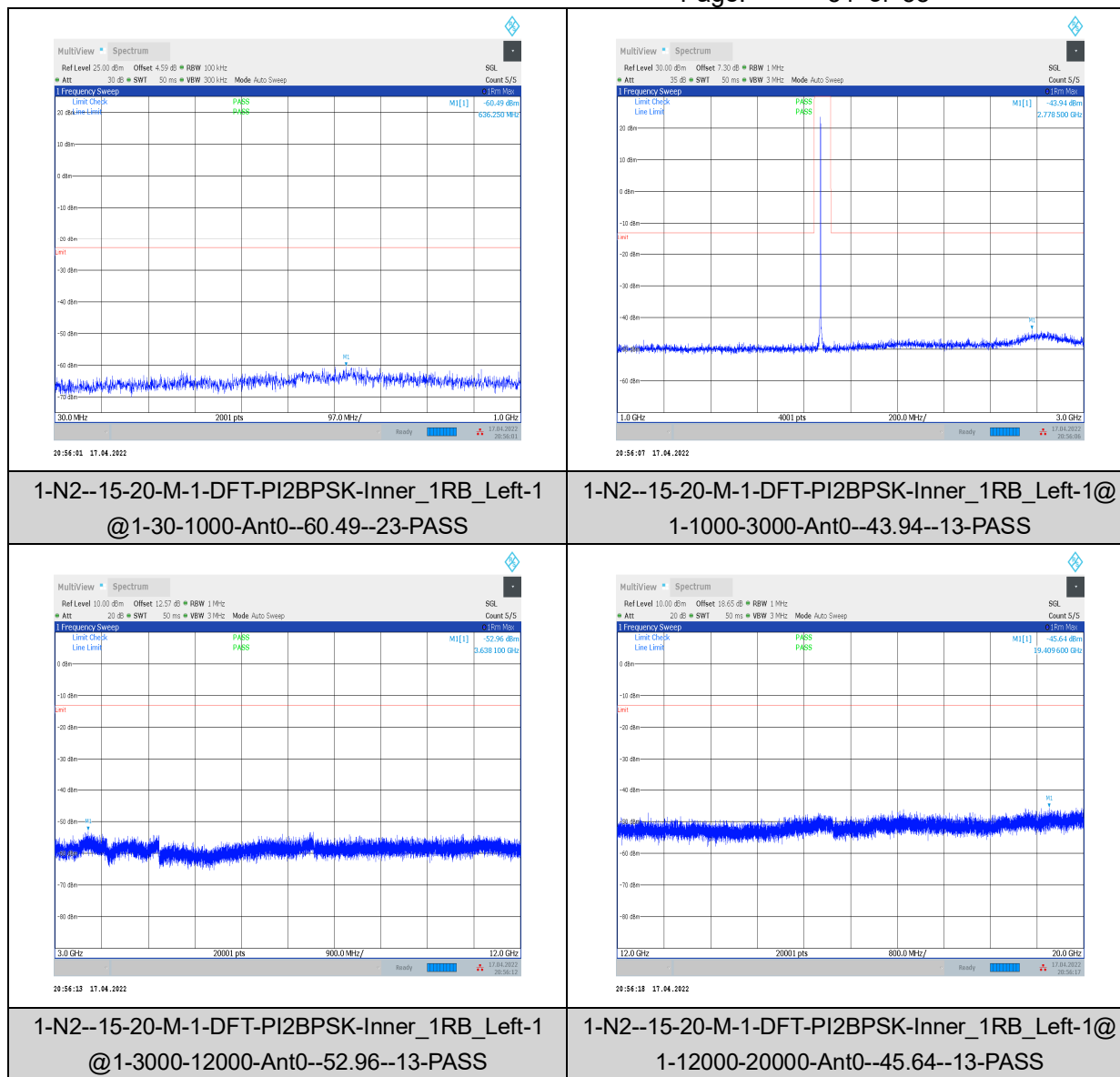
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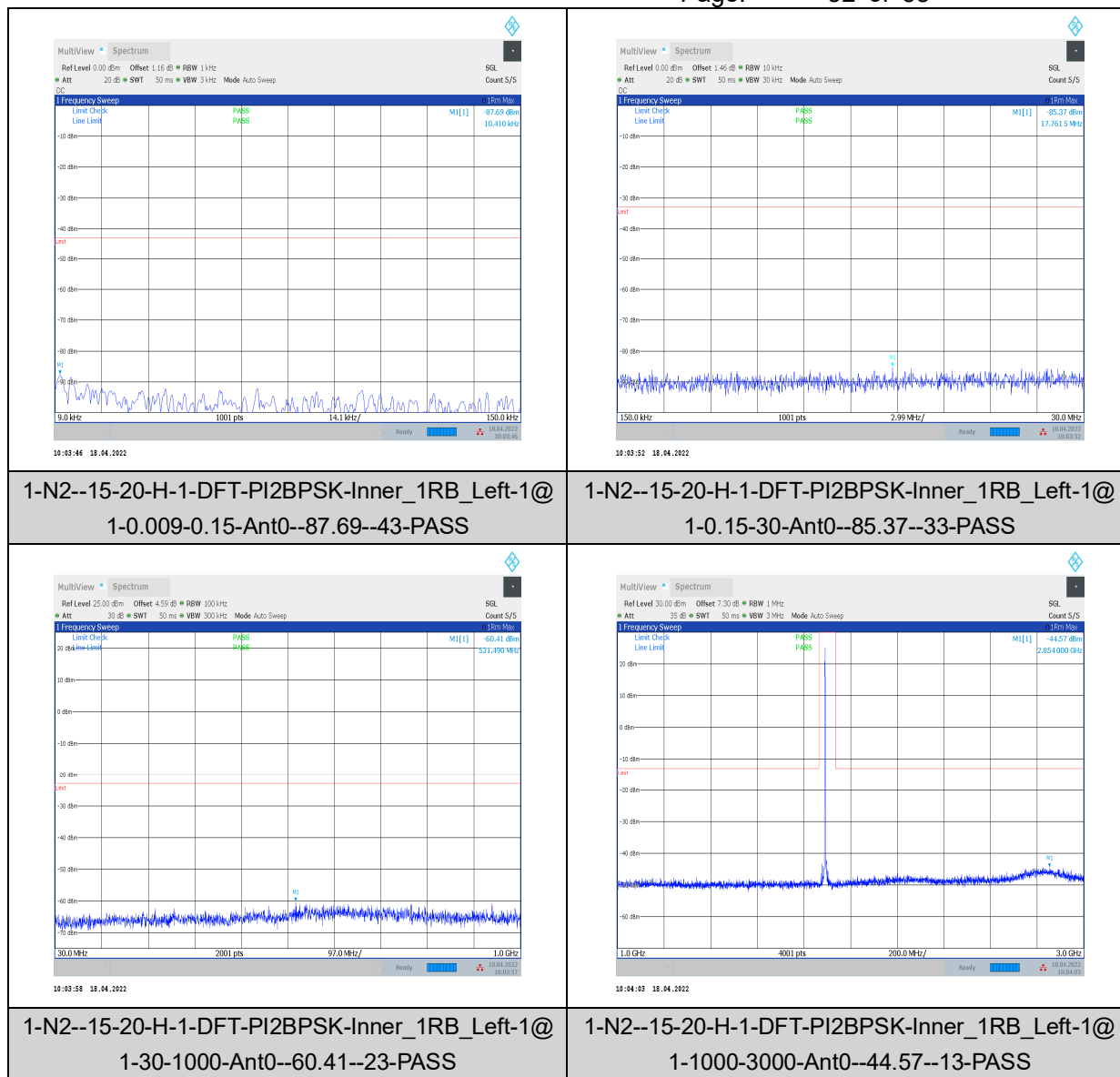
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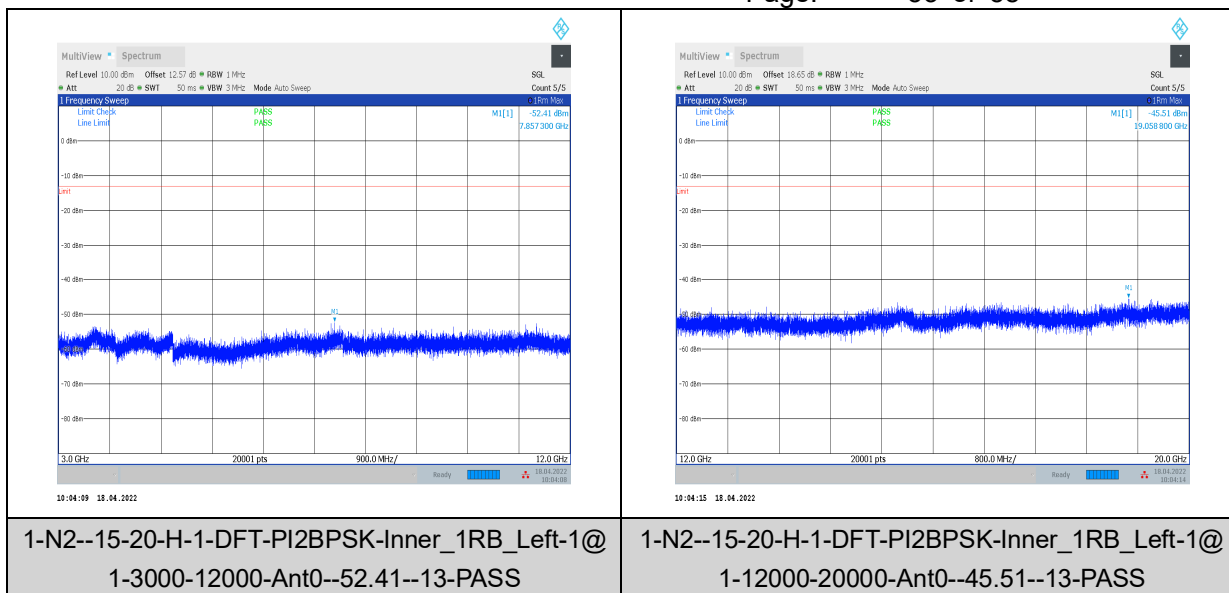
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Field Strength of Spurious Radiation

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

Temperature										
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

---End of Attachment---



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