



Appendix for KSCR2207001310AT

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	LIMIT	Verdict
N48	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.81	19.16	23	PASS
N48	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	22.65	19	23	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	22.76	19.11	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	22.81	19.16	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Right	22.67	19.02	23	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	22.81	19.16	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	22.84	19.19	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Right	22.67	19.02	23	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	21.76	18.11	23	PASS
N48	30	20	DFT-64QAM	L	Inner_1RB_Left	20.8	17.15	23	PASS
N48	30	20	DFT-64QAM	L	Inner_1RB_Right	20.65	17	23	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	21.28	17.63	23	PASS
N48	30	20	DFT-256QAM	L	Inner_1RB_Left	19.09	15.44	23	PASS
N48	30	20	DFT-256QAM	L	Inner_1RB_Right	19.04	15.39	23	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	19.21	15.56	23	PASS



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N48	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.79	19.14	23	PASS
N48	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.64	18.99	23	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	22.68	19.03	23	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	22.75	19.1	23	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Right	22.62	18.97	23	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	22.7	19.05	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	22.81	19.16	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Right	22.7	19.05	23	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	21.69	18.04	23	PASS
N48	30	20	DFT-64QAM	M	Inner_1RB_Left	20.73	17.08	23	PASS
N48	30	20	DFT-64QAM	M	Inner_1RB_Right	20.58	16.93	23	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	21.21	17.56	23	PASS
N48	30	20	DFT-256QAM	M	Inner_1RB_Left	19.06	15.41	23	PASS
N48	30	20	DFT-256QAM	M	Inner_1RB_Right	18.98	15.33	23	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	19.15	15.5	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.48	18.83	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.62	18.97	23	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	22.59	18.94	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	22.48	18.83	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Right	22.57	18.92	23	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	22.59	18.94	23	PASS



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N48	30	20	DFT-16QAM	H	Inner_1RB_Left	22.61	18.96	23	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Right	22.7	19.05	23	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	21.59	17.94	23	PASS
N48	30	20	DFT-64QAM	H	Inner_1RB_Left	20.61	16.96	23	PASS
N48	30	20	DFT-64QAM	H	Inner_1RB_Right	20.56	16.91	23	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	21.08	17.43	23	PASS
N48	30	20	DFT-256QAM	H	Inner_1RB_Left	18.79	15.14	23	PASS
N48	30	20	DFT-256QAM	H	Inner_1RB_Right	18.91	15.26	23	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	19.04	15.39	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.17	19.52	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	22.74	19.09	23	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	22.87	19.22	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	23.17	19.52	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	22.79	19.14	23	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	22.85	19.2	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	23.19	19.54	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	22.71	19.06	23	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	21.88	18.23	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	21.06	17.41	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	20.79	17.14	23	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	21.41	17.76	23	PASS



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N48	30	40	DFT-256QAM	L	Inner_1RB_Left	19.52	15.87	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	19.07	15.42	23	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	19.32	15.67	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.05	19.4	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	22.76	19.11	23	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	22.87	19.22	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	23.08	19.43	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	22.76	19.11	23	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	22.88	19.23	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	23.04	19.39	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	22.78	19.13	23	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	21.87	18.22	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	21.07	17.42	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	20.69	17.04	23	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	21.41	17.76	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Left	19.44	15.79	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	19.16	15.51	23	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	19.34	15.69	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	22.85	19.2	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	22.73	19.08	23	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	22.65	19	23	PASS



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N48	30	40	DFT-QPSK	H	Inner_1RB_Left	22.85	19.2	23	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	22.72	19.07	23	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	22.64	18.99	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	22.98	19.33	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	22.67	19.02	23	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	21.65	18	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	20.82	17.17	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	20.78	17.13	23	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	21.18	17.53	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	19.21	15.56	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	19.11	15.46	23	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	19.12	15.47	23	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth h	Modulation	Cha nnel	RB Config	DutyCy cle	Facto r	Resul t	Limit	Verdict
N48	30	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.47	≤13	PASS
N48	30	40	CP-256QAM	L	Outer_Full	100%	0.00	10.7 5	≤13	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.54	≤13	PASS
N48	30	40	CP-256QAM	M	Outer_Full	100%	0.00	10.1 3	≤13	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.05	≤13	PASS
N48	30	40	CP-256QAM	H	Outer_Full	100%	0.00	9.42	≤13	PASS



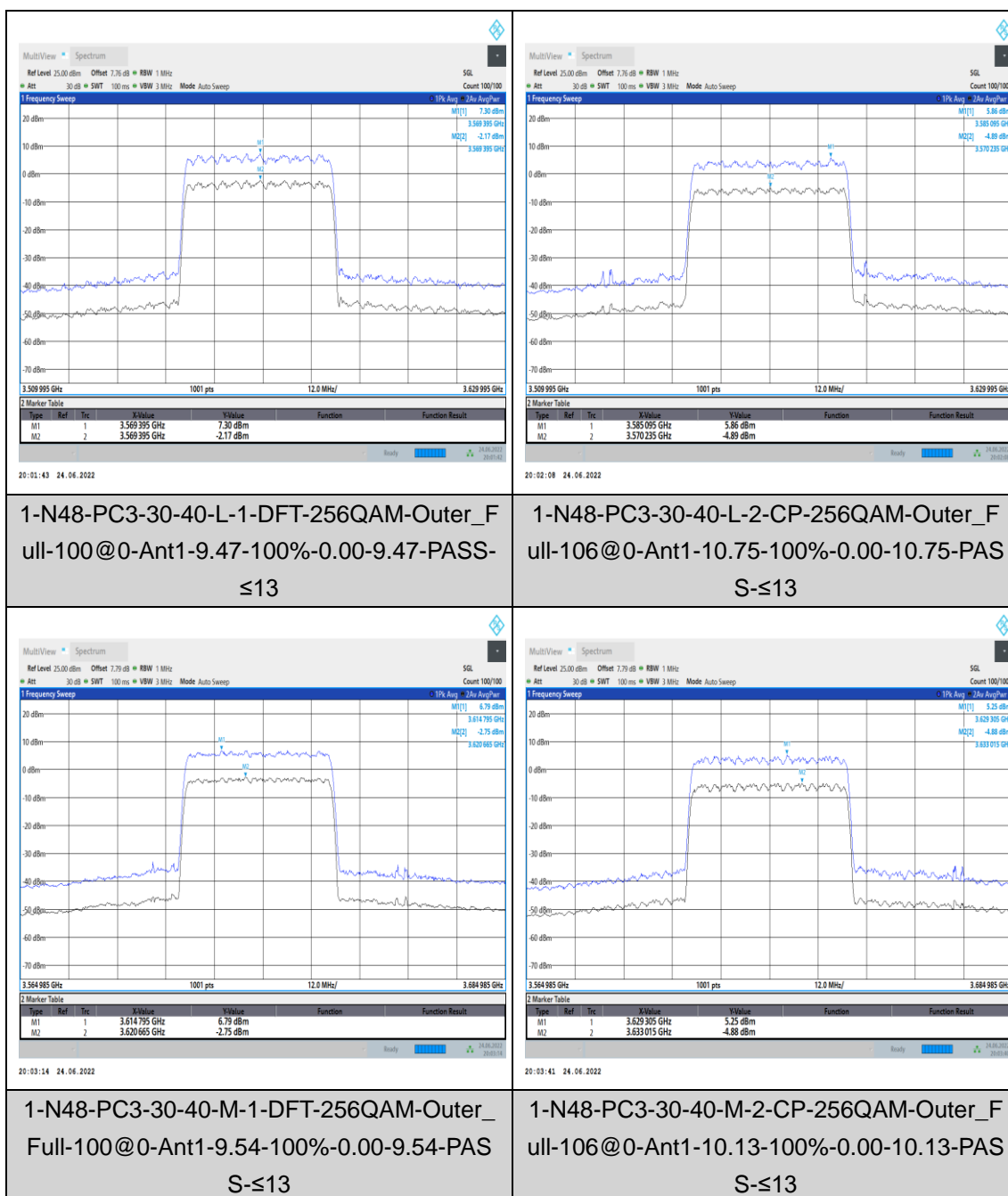
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Test Graphs



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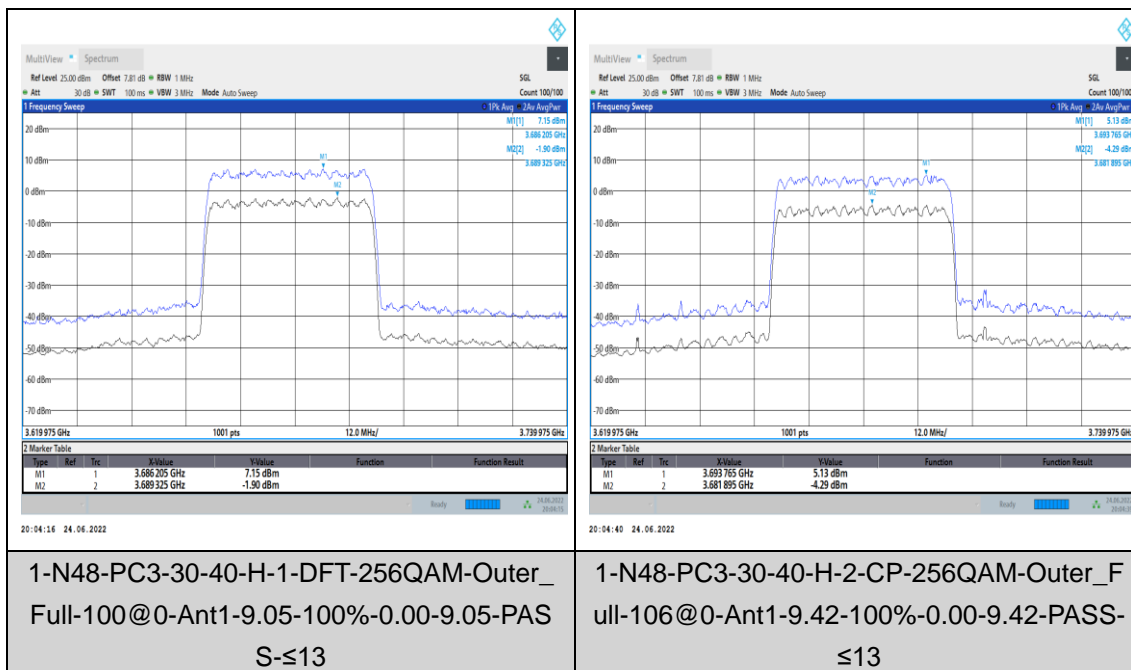
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Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	20	DFT-QPSK	L	Outer_Full	17.872	19.080	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	17.814	19.120	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	17.867	19.280	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	17.867	19.160	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	17.851	18.920	PASS
N48	30	20	CP-QPSK	L	Outer_Full	18.198	19.600	PASS
N48	30	20	CP-16QAM	L	Outer_Full	18.205	19.480	PASS
N48	30	20	CP-64QAM	L	Outer_Full	18.207	19.640	PASS
N48	30	20	CP-256QAM	L	Outer_Full	18.212	19.160	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.836	19.160	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.825	19.160	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.858	19.080	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.87	19.280	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.852	19.120	PASS
N48	30	20	CP-QPSK	M	Outer_Full	18.186	19.640	PASS
N48	30	20	CP-16QAM	M	Outer_Full	18.193	19.520	PASS
N48	30	20	CP-64QAM	M	Outer_Full	18.193	19.600	PASS
N48	30	20	CP-256QAM	M	Outer_Full	18.221	19.240	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	17.85	19.160	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	17.812	19.120	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	17.859	19.240	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	17.872	19.240	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	17.834	19.000	PASS
N48	30	20	CP-QPSK	H	Outer_Full	18.178	23.880	PASS
N48	30	20	CP-16QAM	H	Outer_Full	18.199	19.600	PASS
N48	30	20	CP-64QAM	H	Outer_Full	18.197	19.680	PASS
N48	30	20	CP-256QAM	H	Outer_Full	18.229	19.480	PASS



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N48	30	40	DFT-QPSK	L	Outer_Full	35.7	37.760	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	35.719	37.680	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	35.712	37.760	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	35.831	37.760	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	35.707	37.680	PASS
N48	30	40	CP-QPSK	L	Outer_Full	37.852	39.920	PASS
N48	30	40	CP-16QAM	L	Outer_Full	37.793	39.840	PASS
N48	30	40	CP-64QAM	L	Outer_Full	37.785	39.920	PASS
N48	30	40	CP-256QAM	L	Outer_Full	37.915	39.760	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.68	37.760	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.686	37.760	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.701	37.840	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	35.819	37.840	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	35.688	37.600	PASS
N48	30	40	CP-QPSK	M	Outer_Full	37.886	39.840	PASS
N48	30	40	CP-16QAM	M	Outer_Full	37.809	39.920	PASS
N48	30	40	CP-64QAM	M	Outer_Full	37.792	39.920	PASS
N48	30	40	CP-256QAM	M	Outer_Full	37.792	39.600	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	35.683	37.680	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	35.704	37.680	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	35.732	37.760	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	35.84	37.840	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	35.693	37.680	PASS
N48	30	40	CP-QPSK	H	Outer_Full	37.883	39.920	PASS
N48	30	40	CP-16QAM	H	Outer_Full	37.812	39.920	PASS
N48	30	40	CP-64QAM	H	Outer_Full	37.806	39.920	PASS
N48	30	40	CP-256QAM	H	Outer_Full	37.814	39.600	PASS



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Test Graphs



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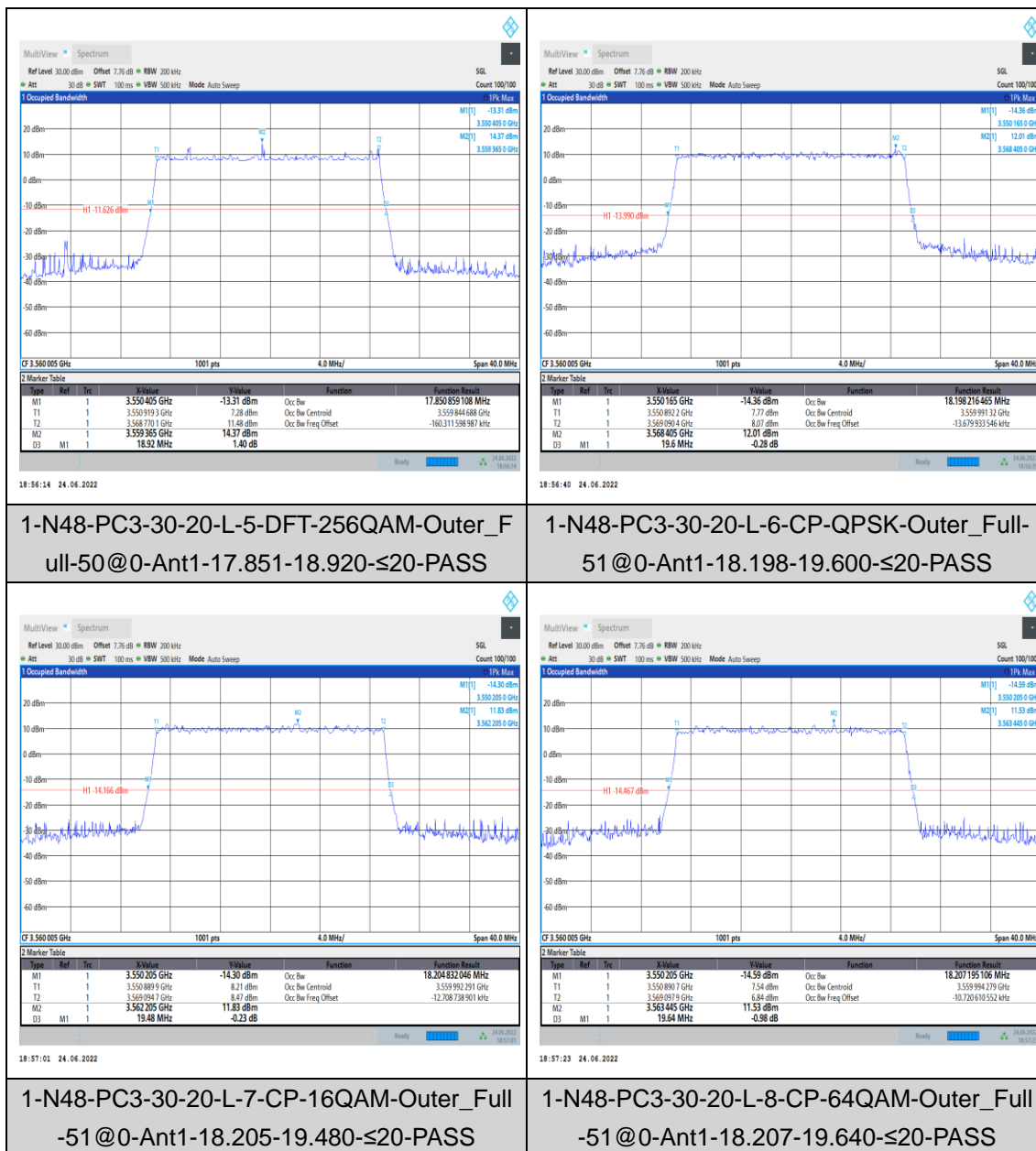
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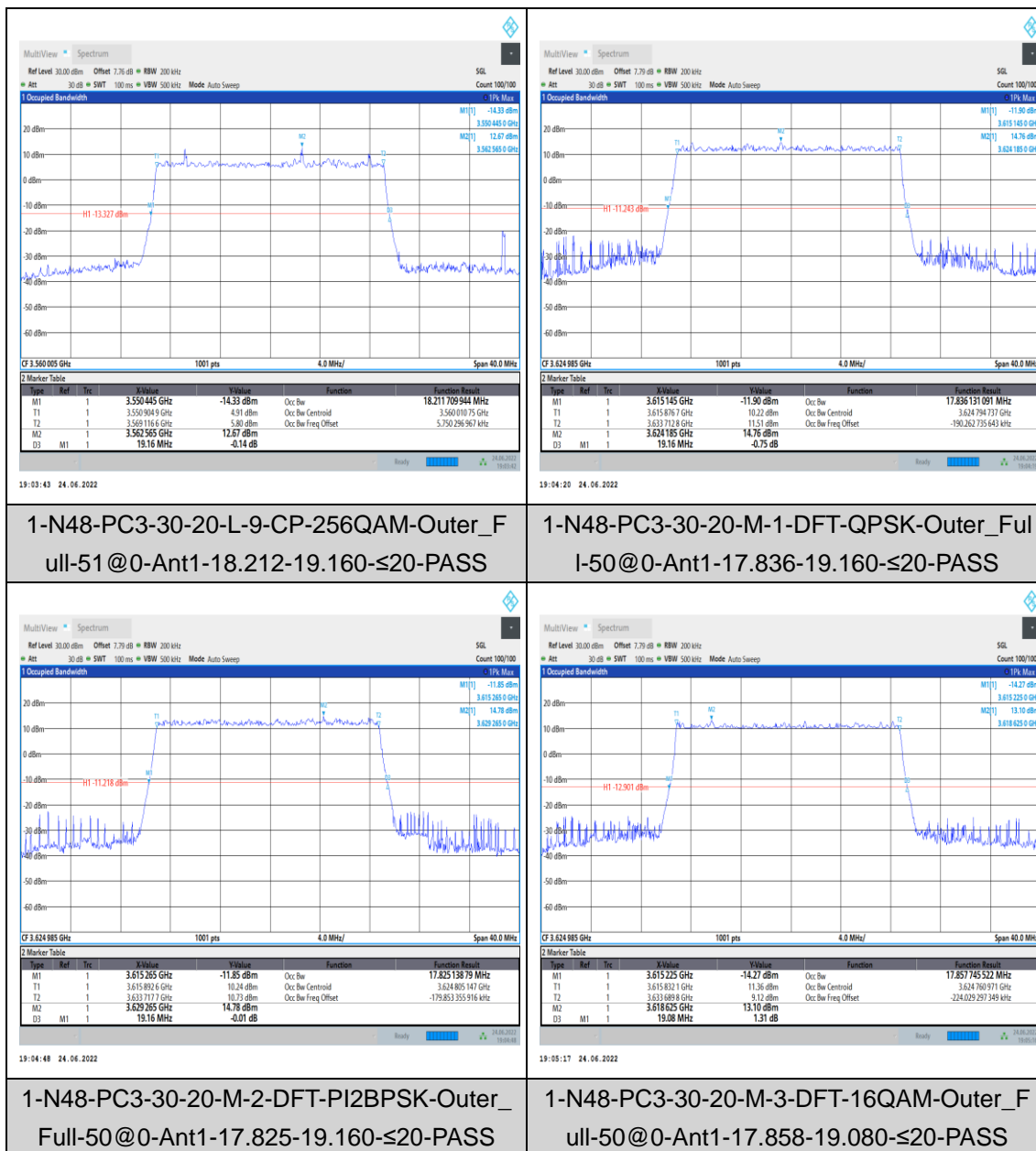


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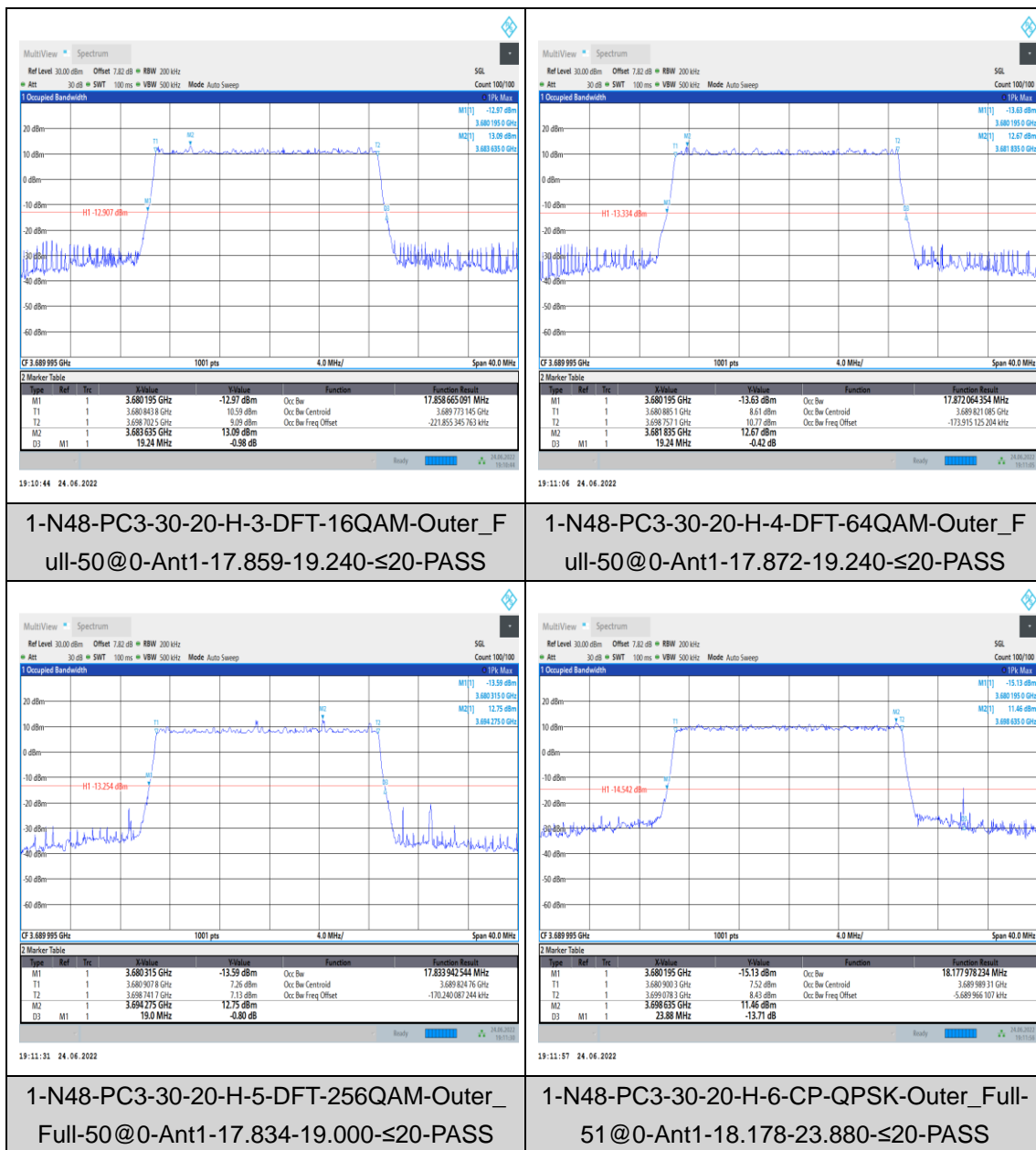


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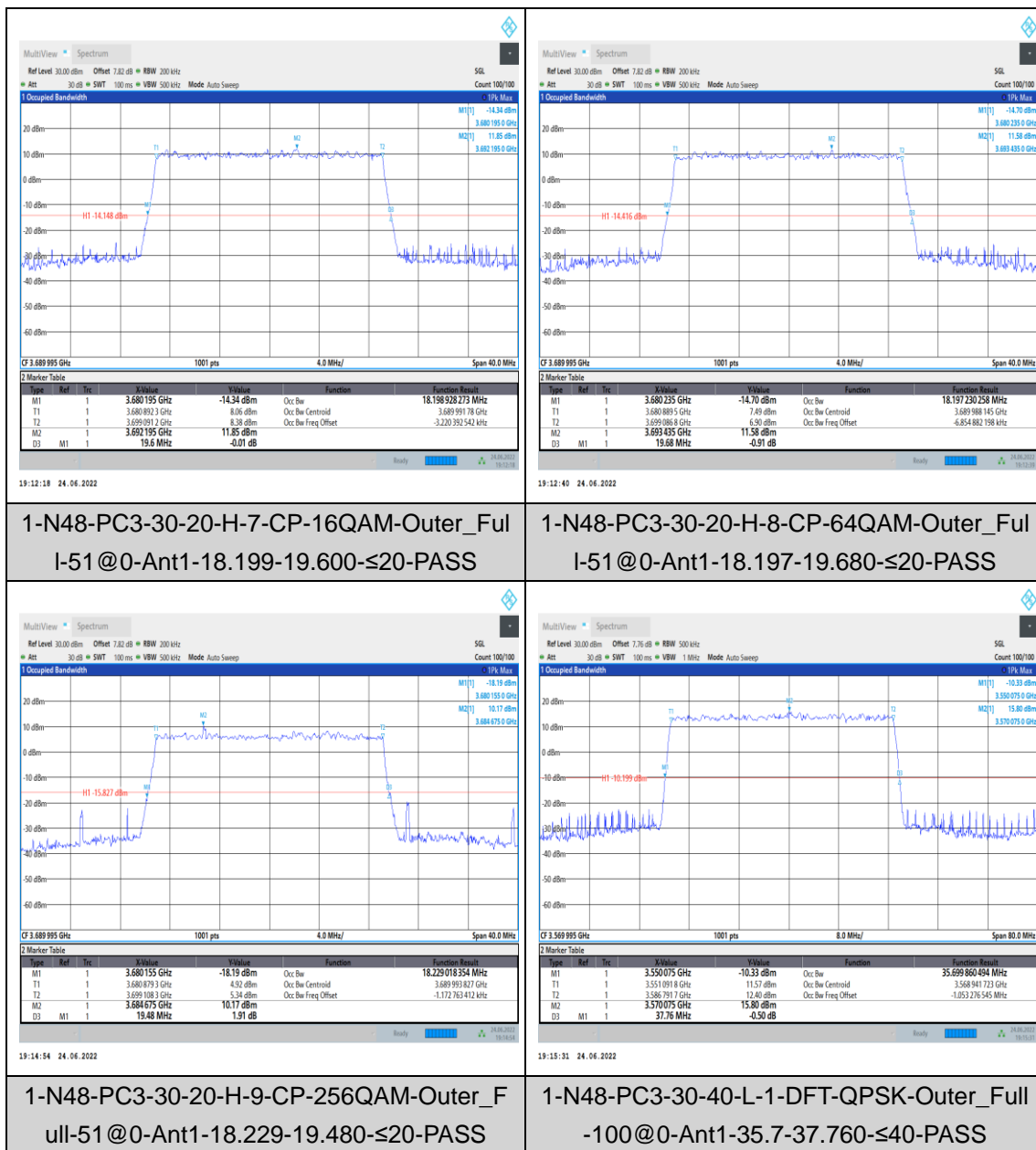


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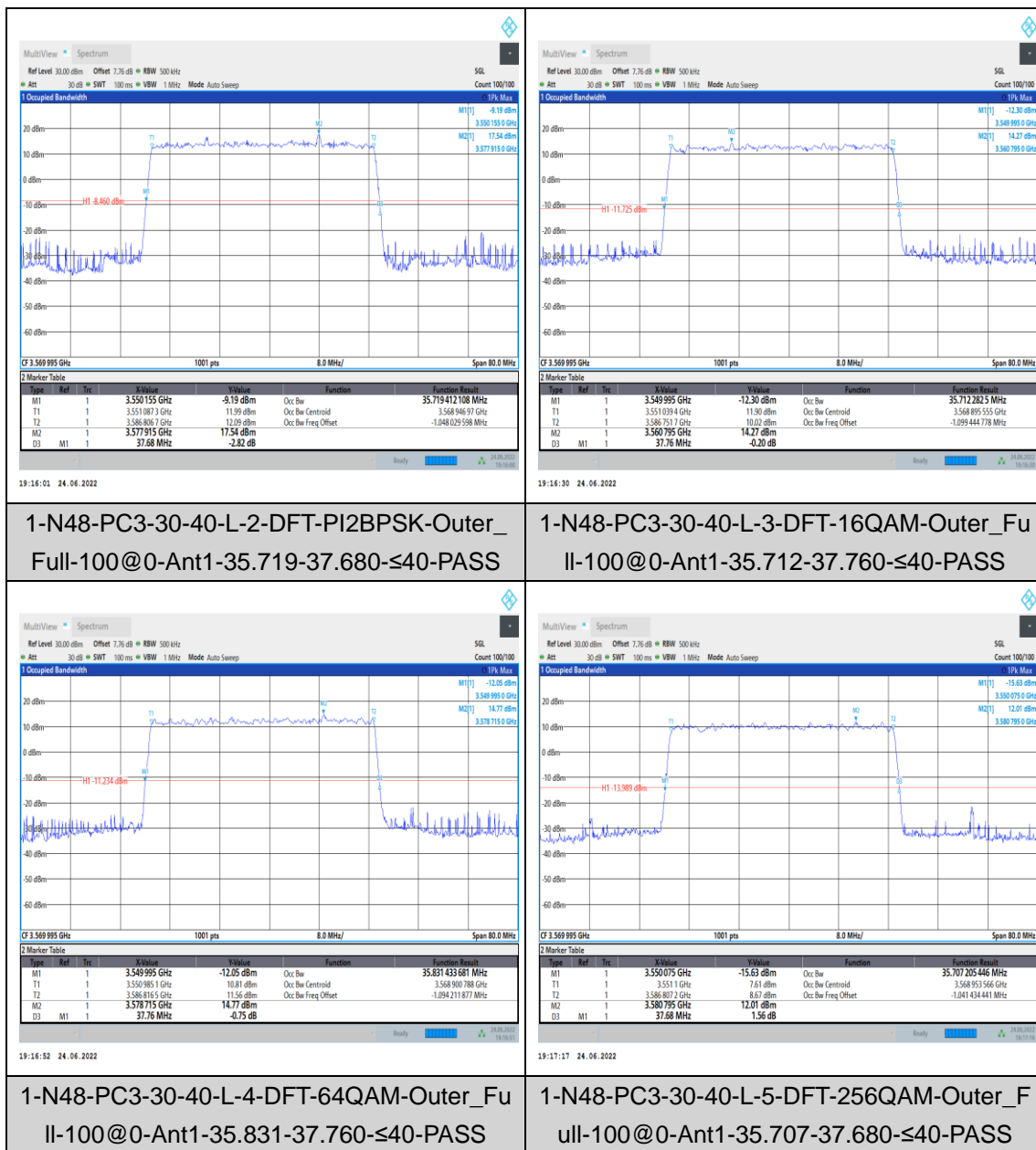


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