

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	Verdict
N48	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.98	20.89	23	PASS
N48	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.07	20.98	23	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	22.68	20.59	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	23.25	21.16	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Right	23.09	21	23	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	22.19	20.1	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	22.21	20.12	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Right	22.21	20.12	23	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	21.14	19.05	23	PASS
N48	30	20	DFT-64QAM	L	Inner_1RB_Left	20.14	18.05	23	PASS
N48	30	20	DFT-64QAM	L	Inner_1RB_Right	19.99	17.9	23	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	20.68	18.59	23	PASS
N48	30	20	DFT-256QAM	L	Inner_1RB_Left	18.45	16.36	23	PASS
N48	30	20	DFT-256QAM	L	Inner_1RB_Right	18.45	16.36	23	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	18.6	16.51	23	PASS
N48	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.98	20.89	23	PASS
N48	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.75	20.66	23	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	22.36	20.27	23	PASS



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N48	30	20	DFT-QPSK	M	Inner_1RB_Left	23.01	20.92	23	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Right	22.77	20.68	23	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	21.9	19.81	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	22.07	19.98	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Right	21.85	19.76	23	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	20.88	18.79	23	PASS
N48	30	20	DFT-64QAM	M	Inner_1RB_Left	20.06	17.97	23	PASS
N48	30	20	DFT-64QAM	M	Inner_1RB_Right	19.82	17.73	23	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	20.38	18.29	23	PASS
N48	30	20	DFT-256QAM	M	Inner_1RB_Left	18.41	16.32	23	PASS
N48	30	20	DFT-256QAM	M	Inner_1RB_Right	18.19	16.1	23	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	18.37	16.28	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.79	20.7	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.77	20.68	23	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	22.36	20.27	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	22.84	20.75	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Right	22.83	20.74	23	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	21.84	19.75	23	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	21.86	19.77	23	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Right	21.77	19.68	23	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	20.82	18.73	23	PASS
N48	30	20	DFT-64QAM	H	Inner_1RB_Left	19.73	17.64	23	PASS



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N48	30	20	DFT-64QAM	H	Inner_1RB_Right	19.62	17.53	23	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	20.34	18.25	23	PASS
N48	30	20	DFT-256QAM	H	Inner_1RB_Left	18.13	16.04	23	PASS
N48	30	20	DFT-256QAM	H	Inner_1RB_Right	18.14	16.05	23	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	18.28	16.19	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.28	21.19	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	22.98	20.89	23	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	22.66	20.57	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	23.39	21.3	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	22.99	20.9	23	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	22.14	20.05	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	22.46	20.37	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	22	19.91	23	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	21.1	19.01	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	20.38	18.29	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	19.88	17.79	23	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	20.7	18.61	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	18.71	16.62	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	18.33	16.24	23	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	18.62	16.53	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.33	21.24	23	PASS



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N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.02	20.93	23	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	22.48	20.39	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	23.22	21.13	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	22.99	20.9	23	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	21.94	19.85	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	22.24	20.15	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	22.17	20.08	23	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	20.96	18.87	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	20.32	18.23	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	19.89	17.8	23	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	20.52	18.43	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Left	18.59	16.5	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	18.4	16.31	23	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	18.49	16.4	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.1	21.01	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	22.89	20.8	23	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	22.44	20.35	23	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Left	23.13	21.04	23	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	22.91	20.82	23	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	21.89	19.8	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	22.18	20.09	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	22	19.91	23	PASS



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N48	30	40	DFT-16QAM	H	Outer_Full	20.9	18.81	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	20.08	17.99	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	19.95	17.86	23	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	20.46	18.37	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	18.5	16.41	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	18.23	16.14	23	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	18.41	16.32	23	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth h	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N48	30	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.34	≤13	PASS
N48	30	40	CP-256QAM	L	Outer_Full	100%	0.00	9.87	≤13	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.29	≤13	PASS
N48	30	40	CP-256QAM	M	Outer_Full	100%	0.00	10.27	≤13	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.34	≤13	PASS
N48	30	40	CP-256QAM	H	Outer_Full	100%	0.00	9.74	≤13	PASS



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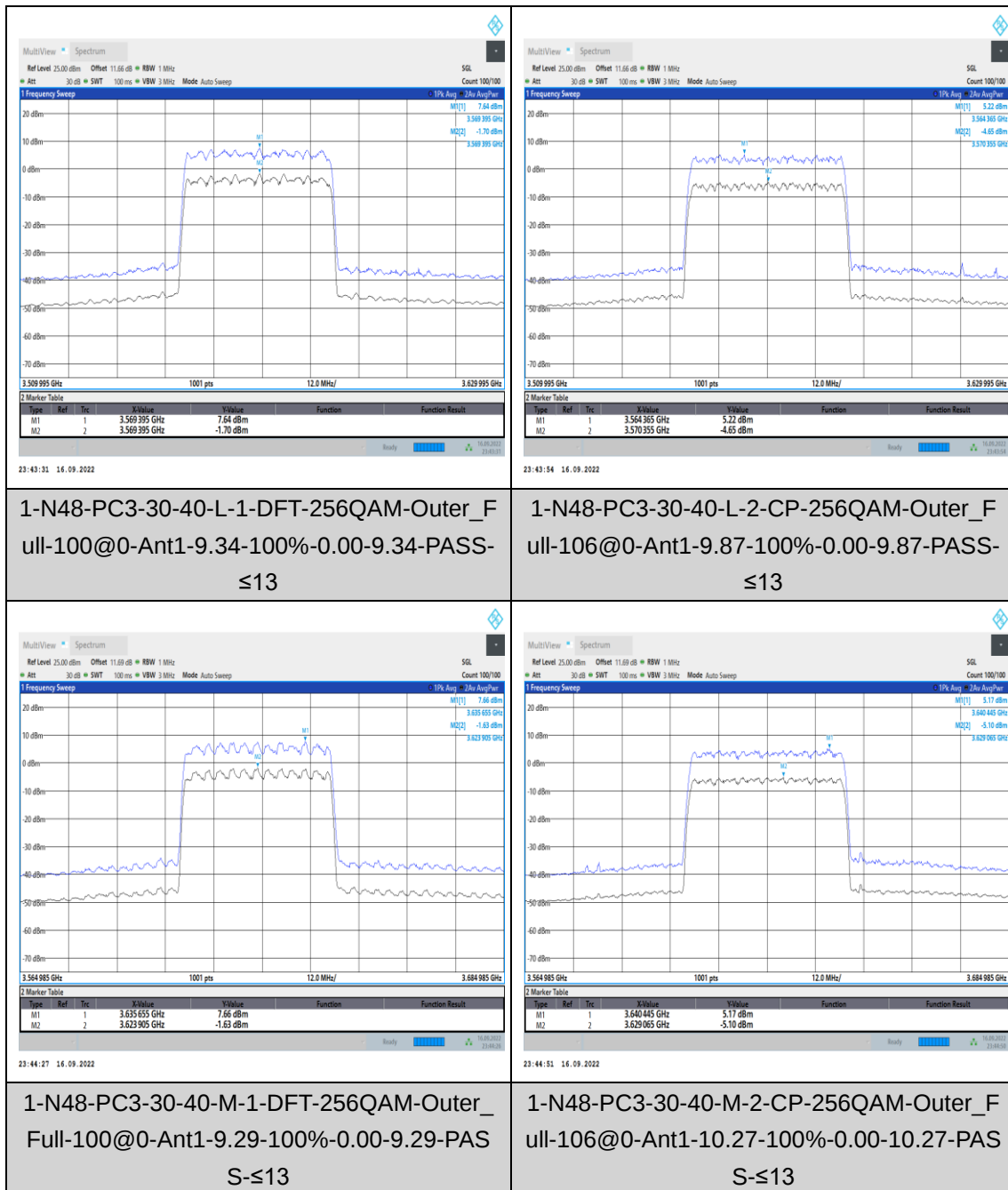
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Test Graphs



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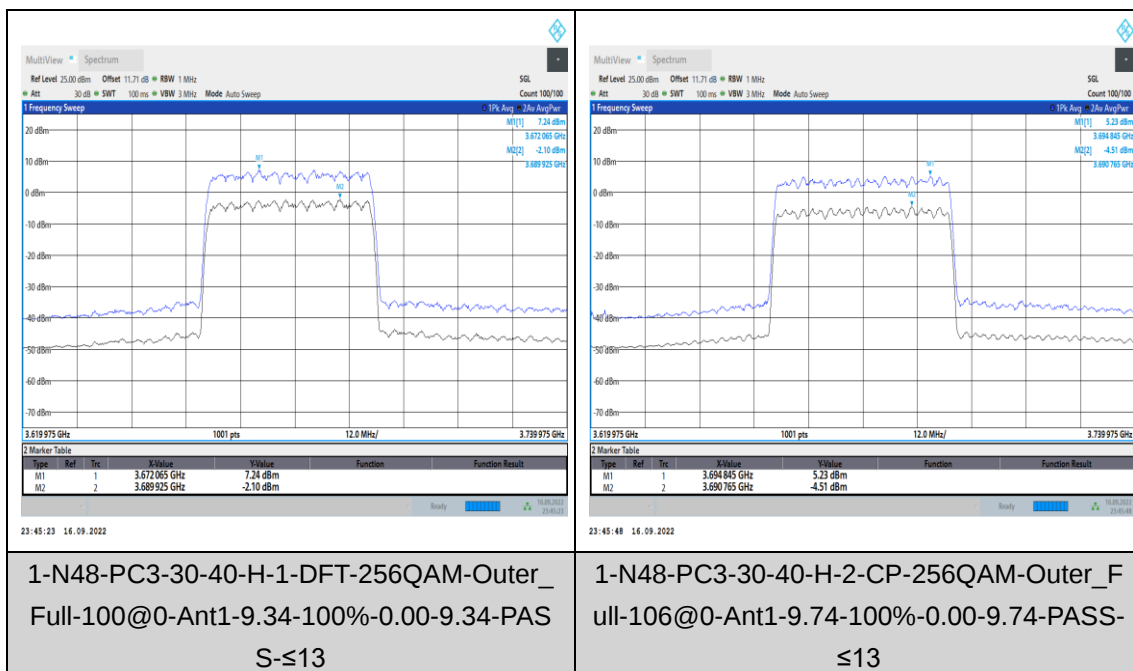
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Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	20	DFT-QPSK	L	Outer_Full	17.879	19.120	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	17.846	19.240	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	17.878	19.280	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	17.865	19.160	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	17.846	19.120	PASS
N48	30	20	CP-QPSK	L	Outer_Full	18.199	19.640	PASS
N48	30	20	CP-16QAM	L	Outer_Full	18.196	19.400	PASS
N48	30	20	CP-64QAM	L	Outer_Full	18.212	19.600	PASS
N48	30	20	CP-256QAM	L	Outer_Full	18.214	19.280	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.837	19.160	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.825	19.240	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.886	19.080	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.865	19.200	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.86	19.120	PASS
N48	30	20	CP-QPSK	M	Outer_Full	18.178	19.600	PASS
N48	30	20	CP-16QAM	M	Outer_Full	18.198	19.560	PASS
N48	30	20	CP-64QAM	M	Outer_Full	18.189	19.640	PASS
N48	30	20	CP-256QAM	M	Outer_Full	18.216	19.120	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	17.875	19.160	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	17.827	19.160	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	17.878	19.240	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	17.877	19.240	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	17.828	18.960	PASS
N48	30	20	CP-QPSK	H	Outer_Full	18.164	19.560	PASS
N48	30	20	CP-16QAM	H	Outer_Full	18.206	19.600	PASS
N48	30	20	CP-64QAM	H	Outer_Full	18.19	19.680	PASS
N48	30	20	CP-256QAM	H	Outer_Full	18.216	19.400	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	35.696	37.760	PASS



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N48	30	40	DFT-PI2BPSK	L	Outer_Full	35.694	37.600	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	35.688	37.680	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	35.813	37.760	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	35.69	37.760	PASS
N48	30	40	CP-QPSK	L	Outer_Full	37.87	39.920	PASS
N48	30	40	CP-16QAM	L	Outer_Full	37.815	39.840	PASS
N48	30	40	CP-64QAM	L	Outer_Full	37.783	39.920	PASS
N48	30	40	CP-256QAM	L	Outer_Full	37.792	39.760	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.662	37.680	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.669	37.760	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.699	37.840	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	35.838	37.760	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	35.685	37.760	PASS
N48	30	40	CP-QPSK	M	Outer_Full	37.862	39.760	PASS
N48	30	40	CP-16QAM	M	Outer_Full	37.807	39.920	PASS
N48	30	40	CP-64QAM	M	Outer_Full	37.796	39.920	PASS
N48	30	40	CP-256QAM	M	Outer_Full	37.787	39.600	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	35.675	37.680	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	35.685	37.760	PASS
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N48	30	40	DFT-256QAM	H	Outer_Full	35.686	37.600	PASS
N48	30	40	CP-QPSK	H	Outer_Full	37.883	39.840	PASS
N48	30	40	CP-16QAM	H	Outer_Full	37.816	39.920	PASS
N48	30	40	CP-64QAM	H	Outer_Full	37.799	39.920	PASS
N48	30	40	CP-256QAM	H	Outer_Full	37.944	39.600	PASS



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Test Graphs

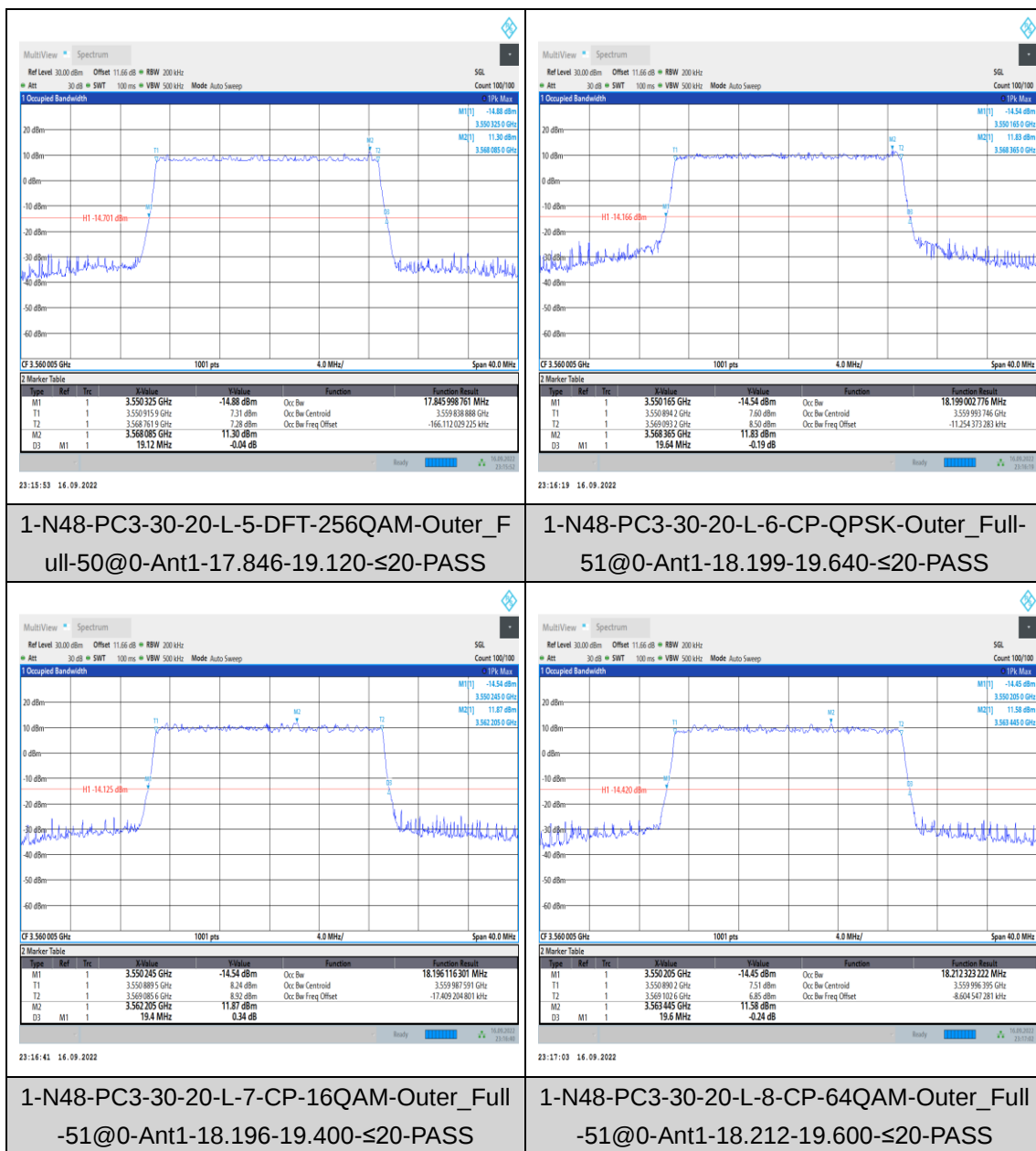


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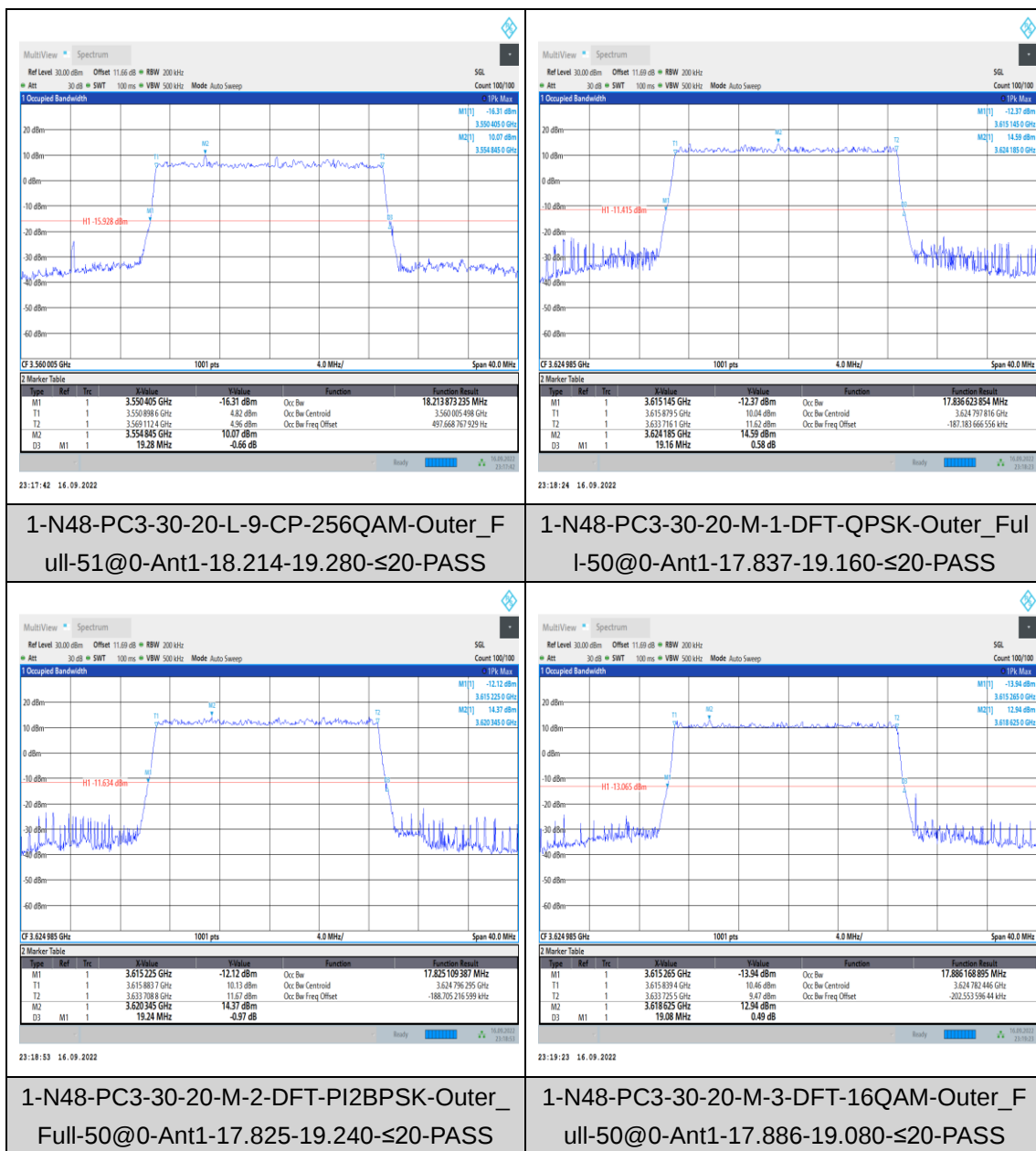


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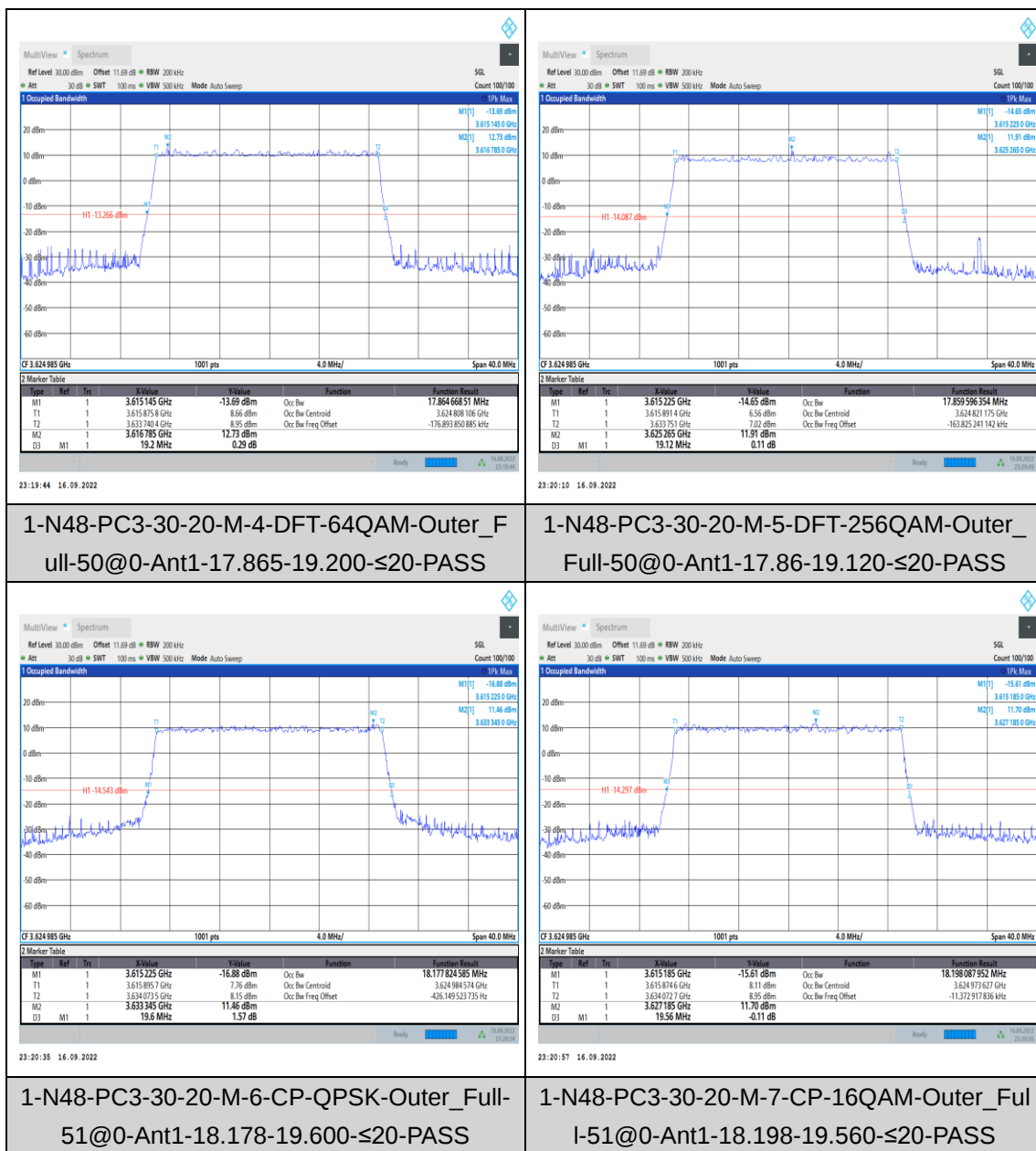


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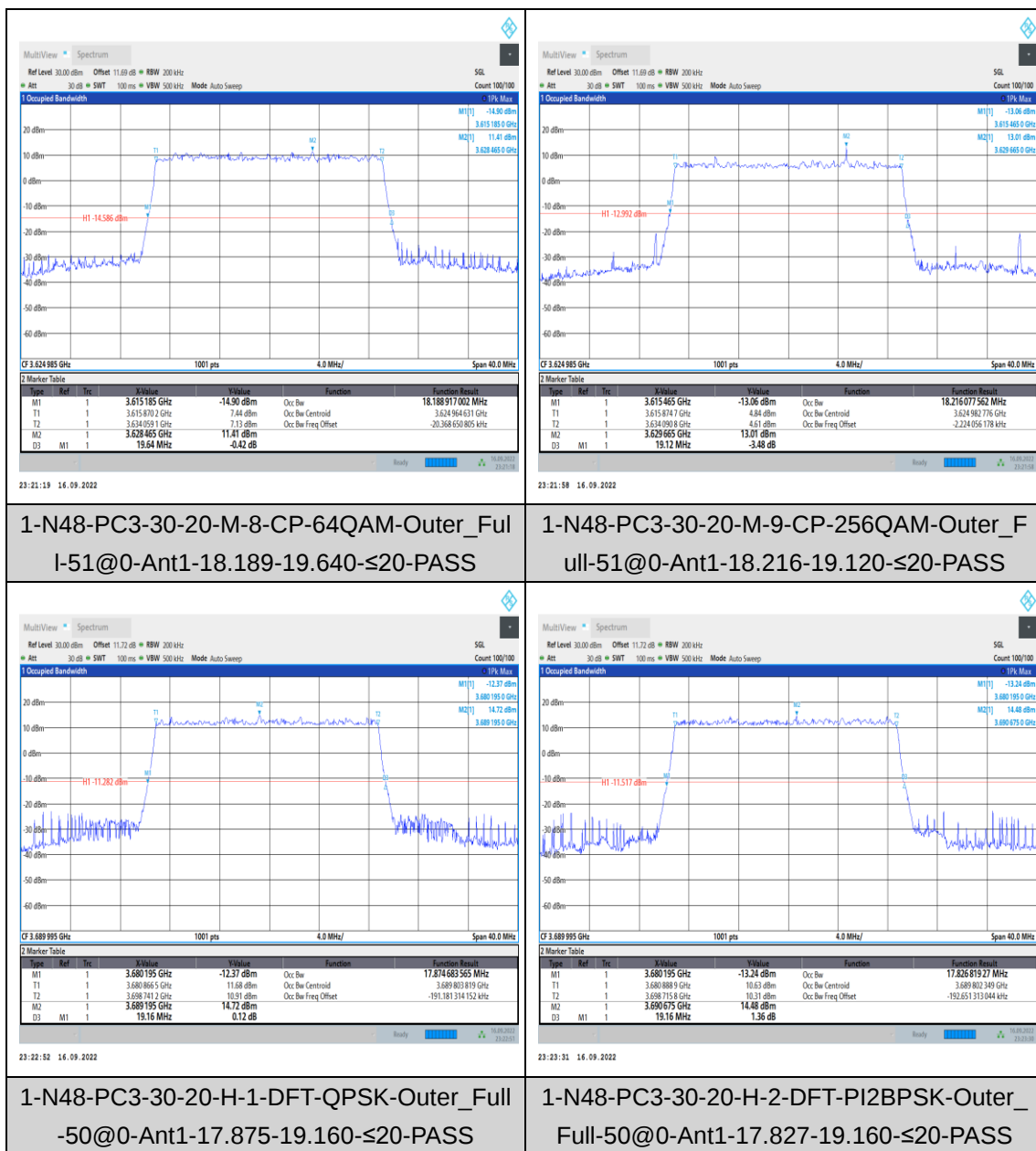


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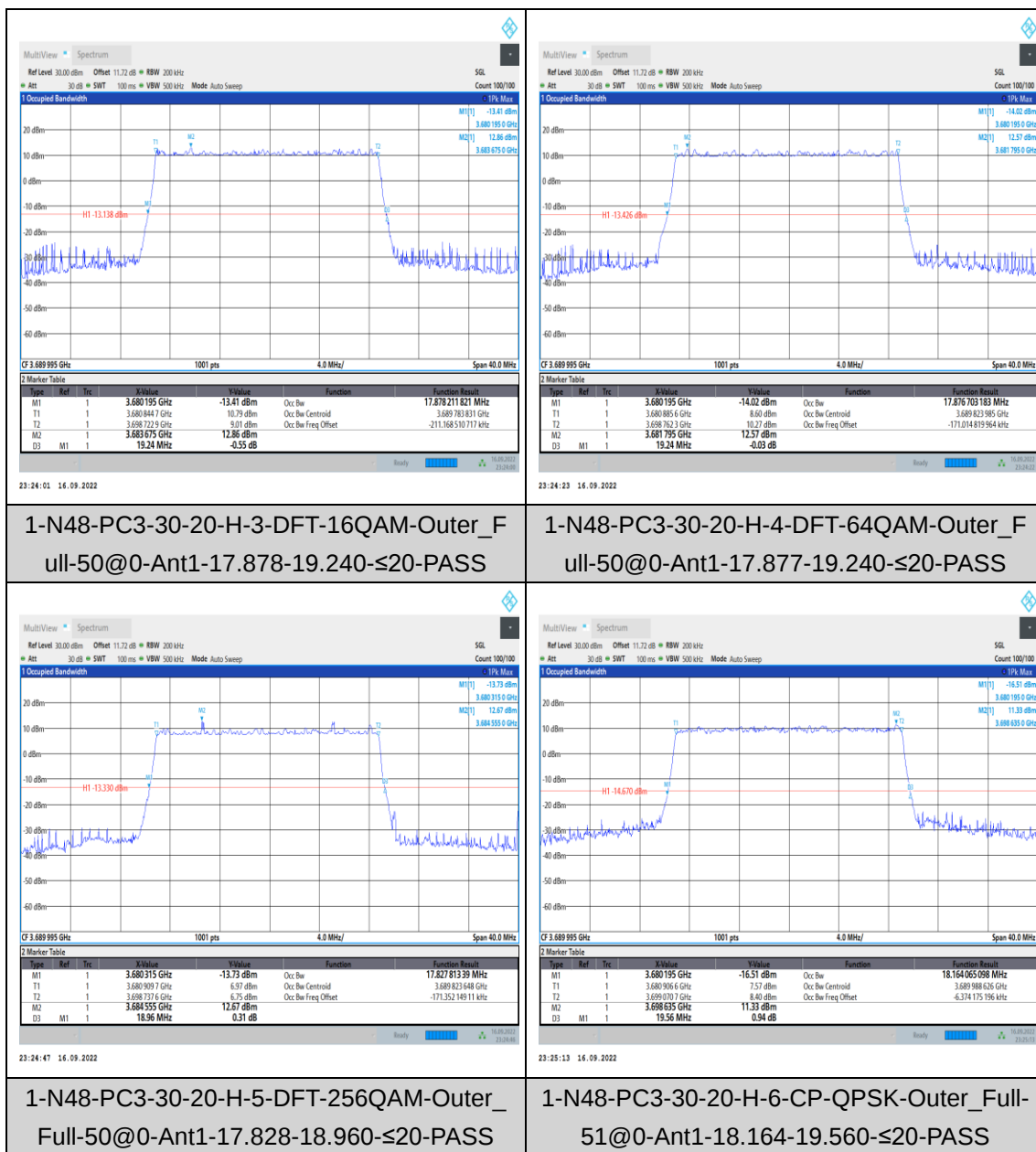


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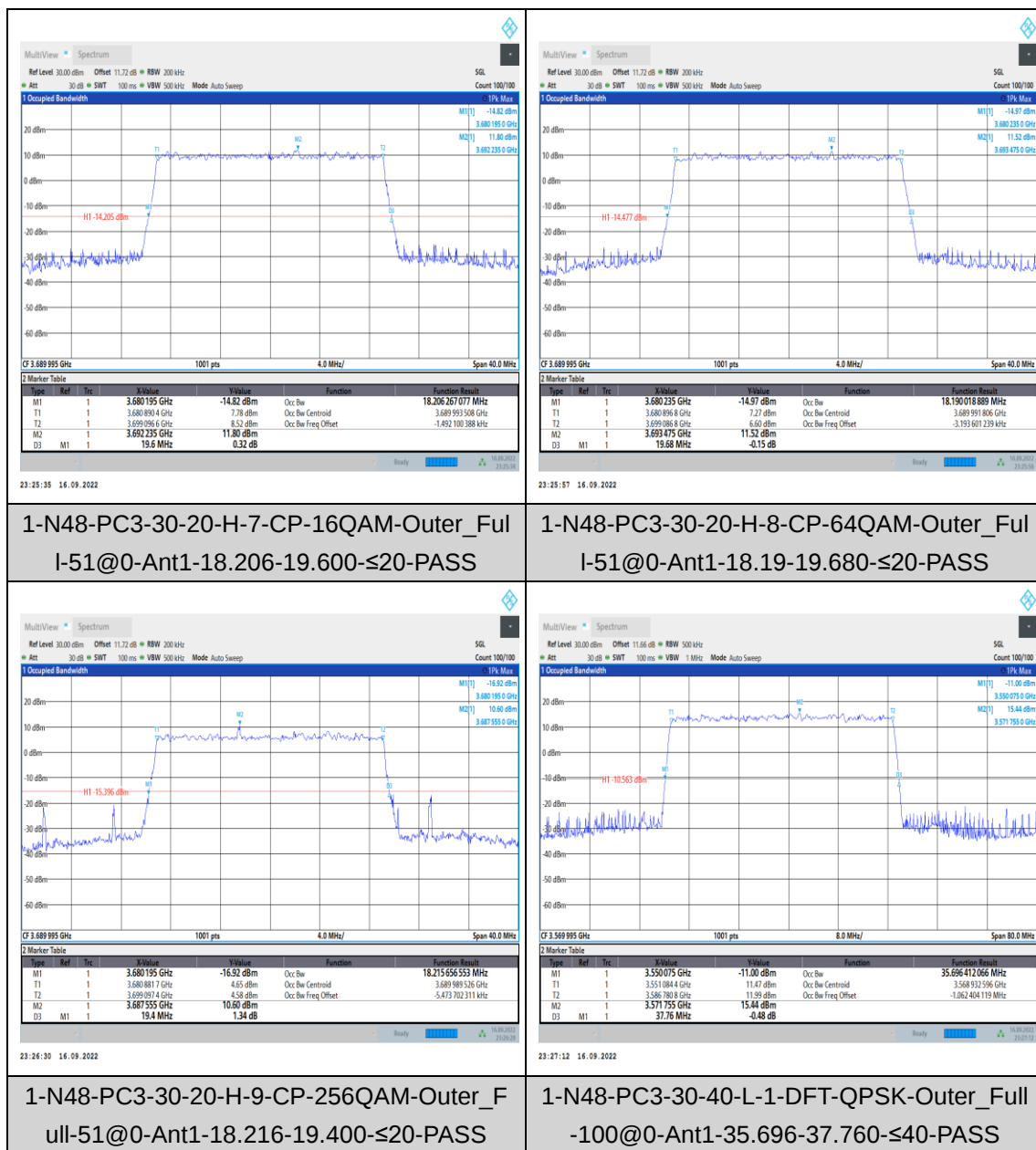


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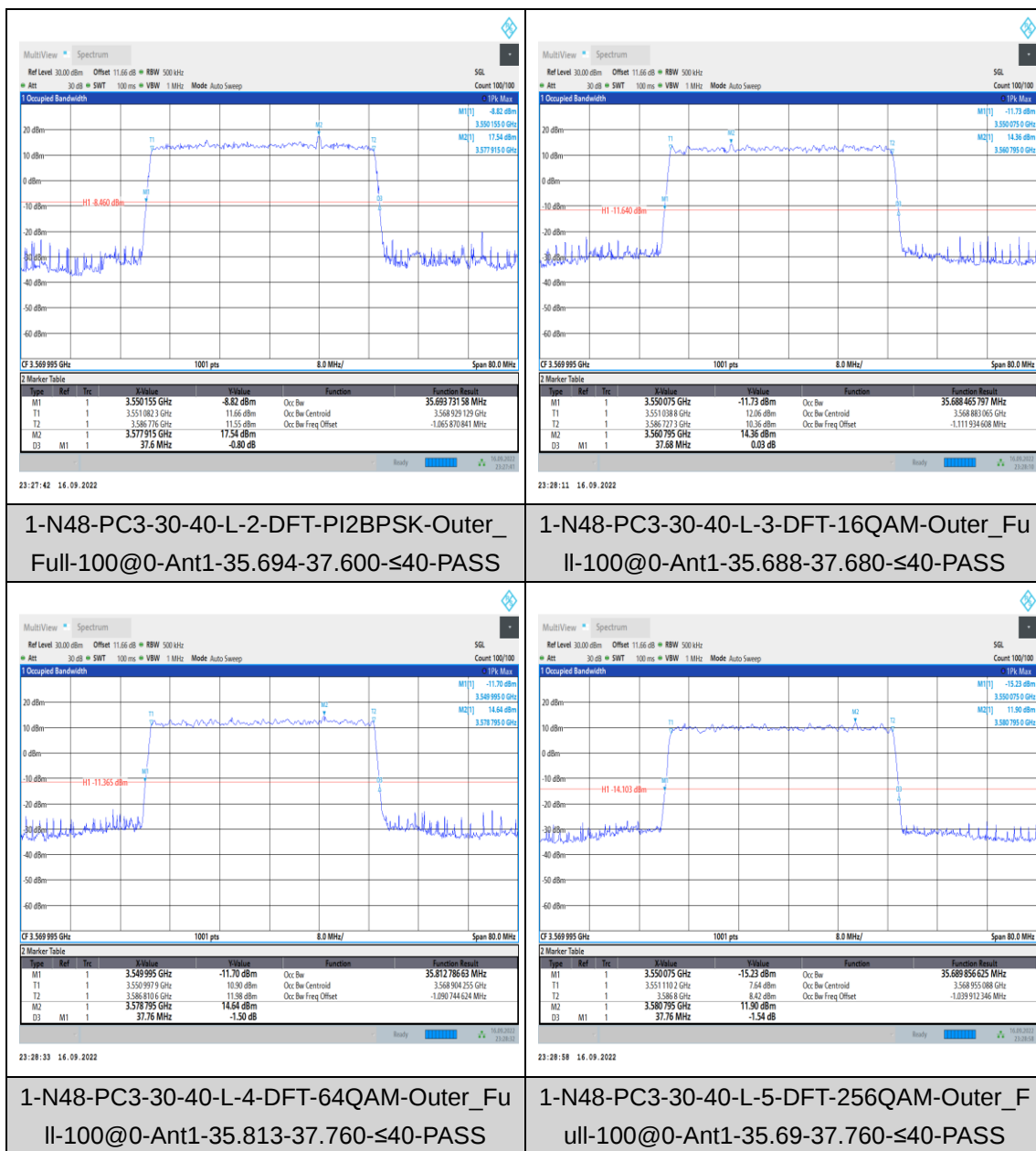


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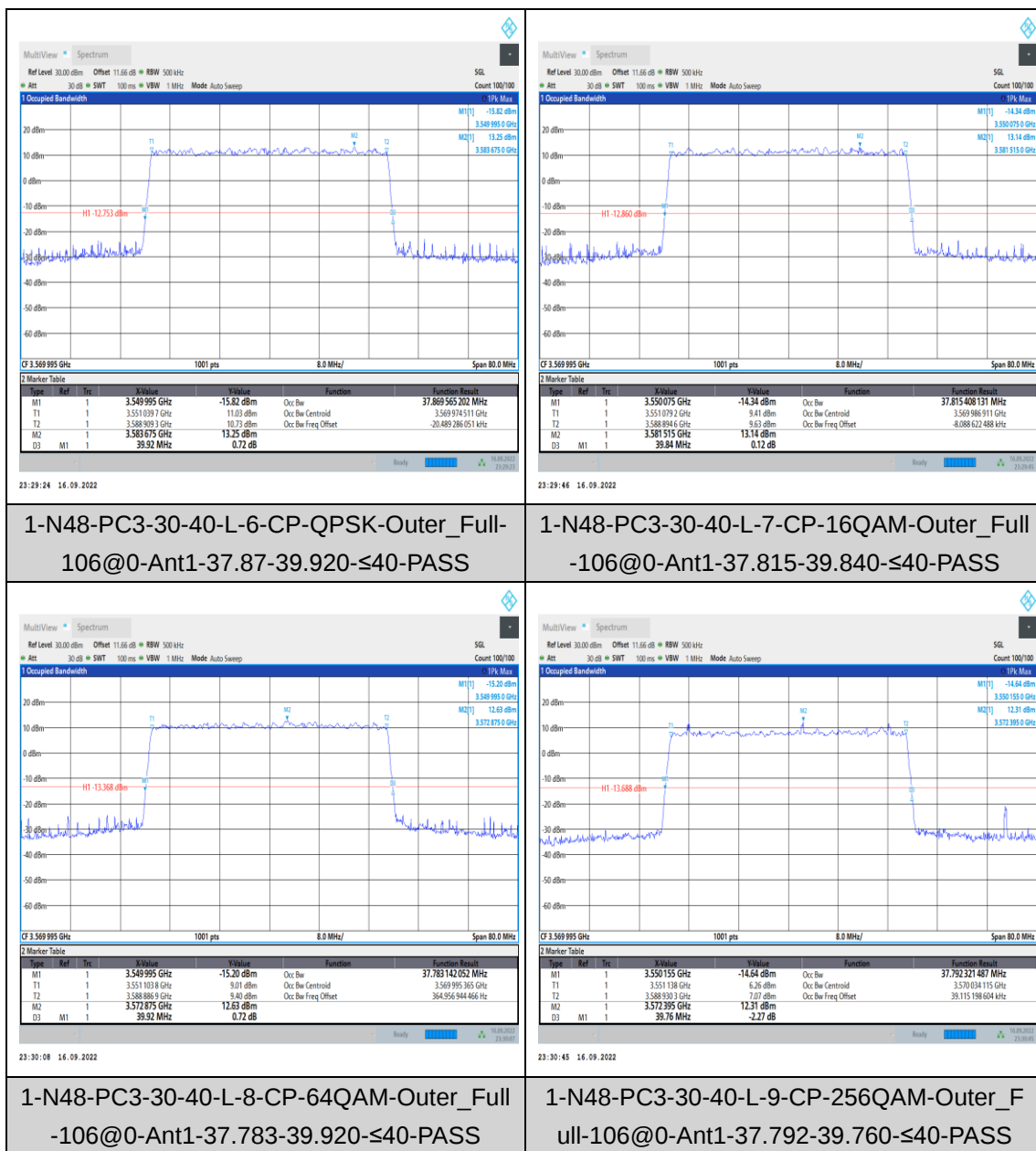


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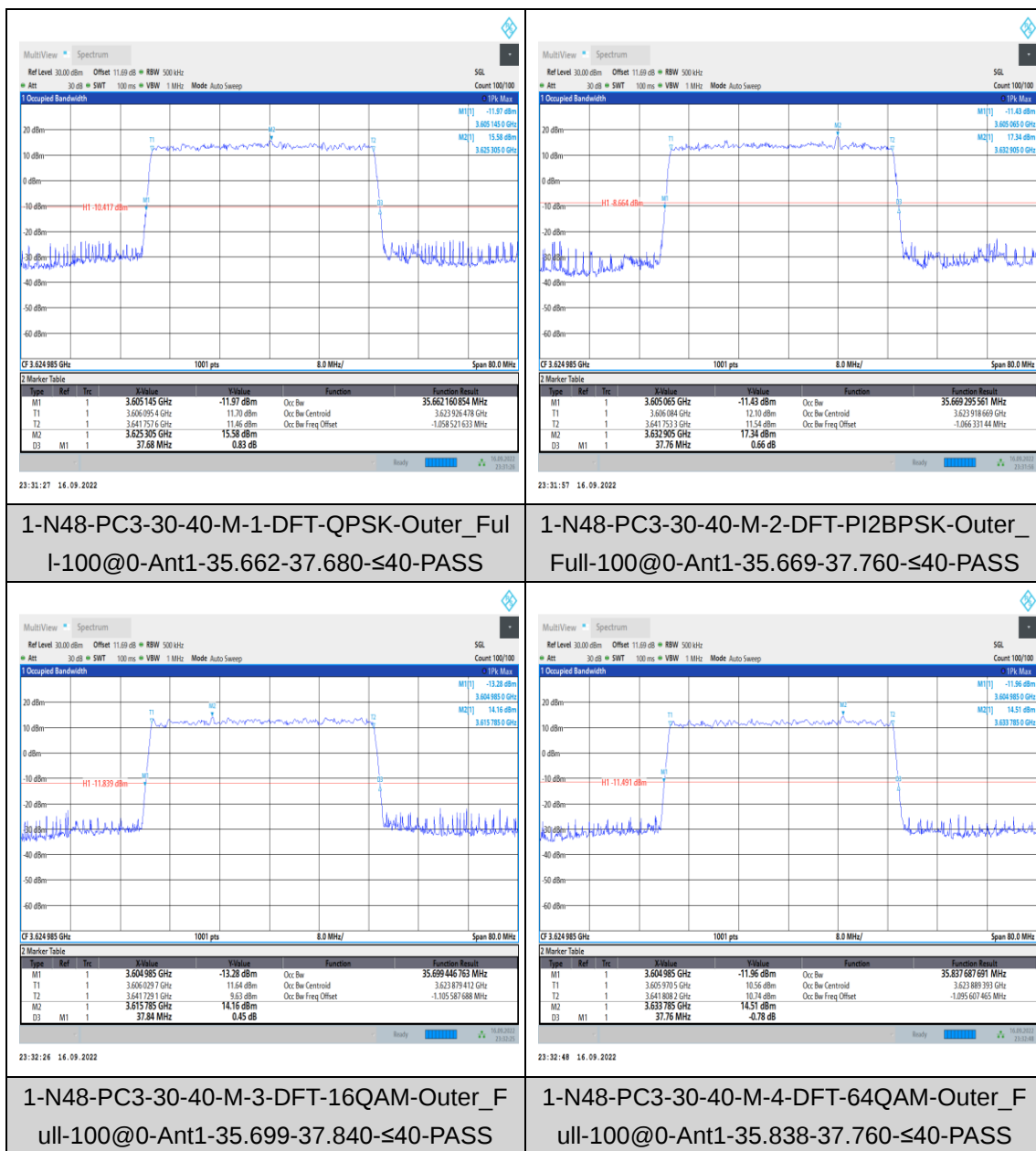


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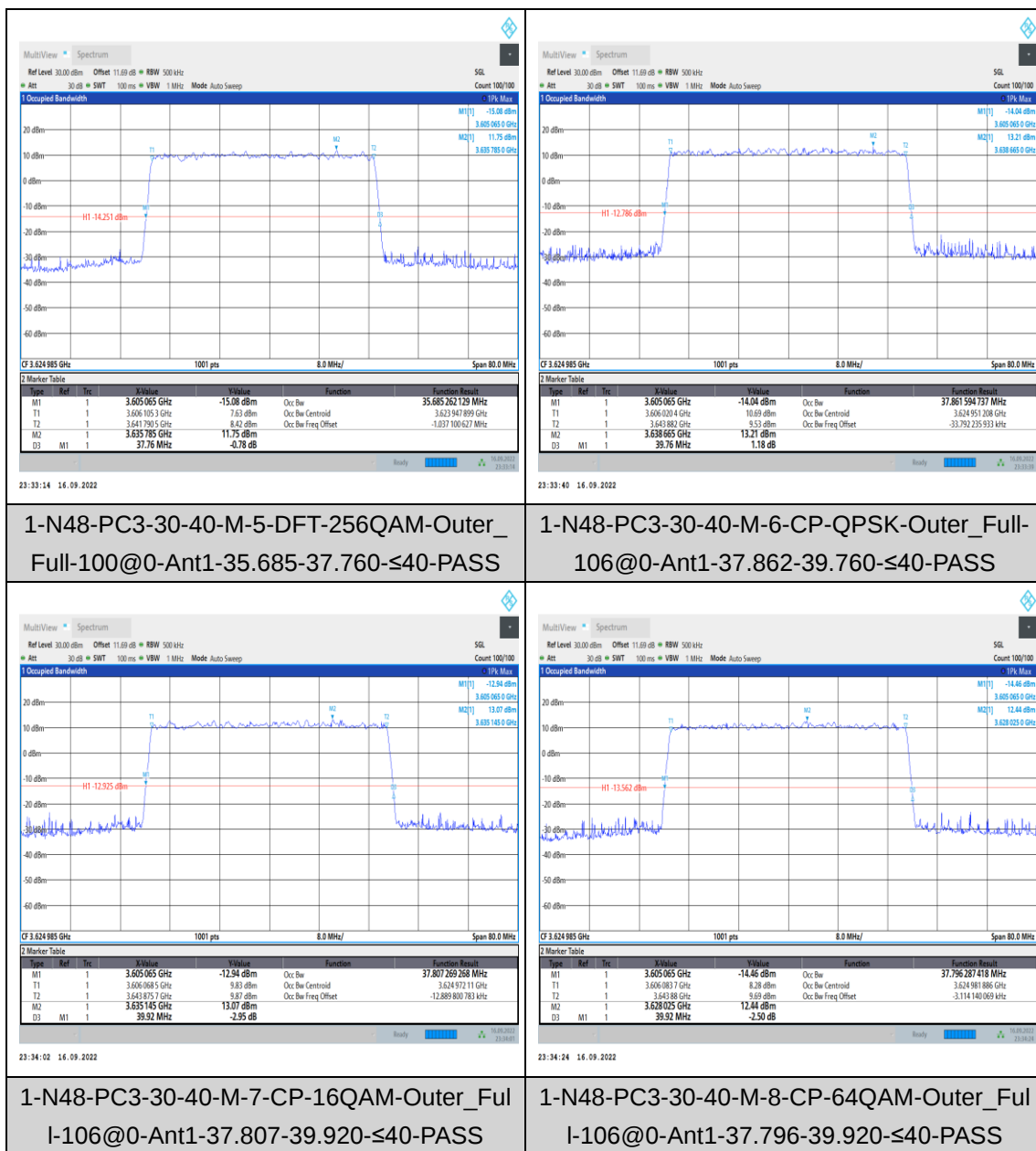


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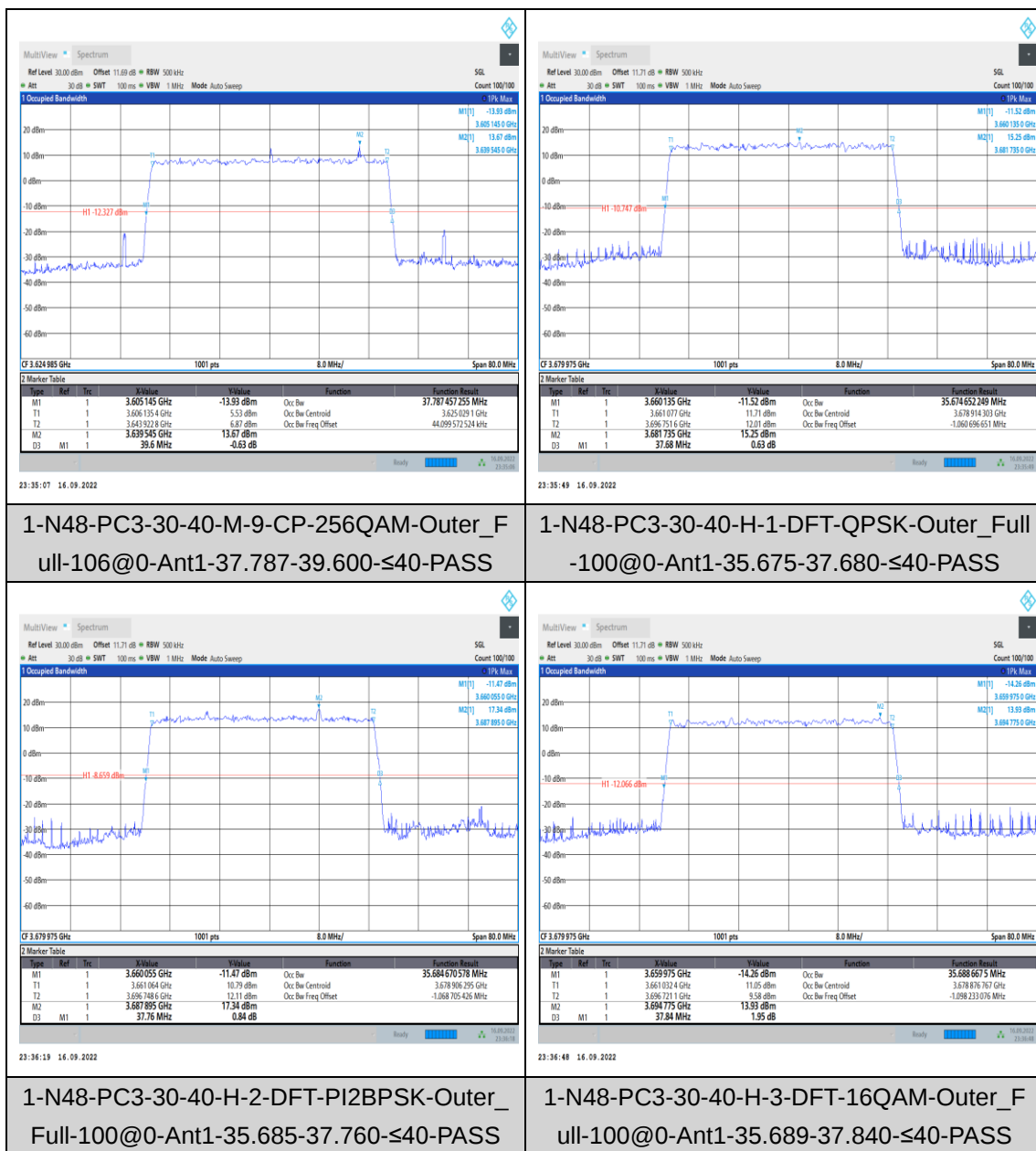


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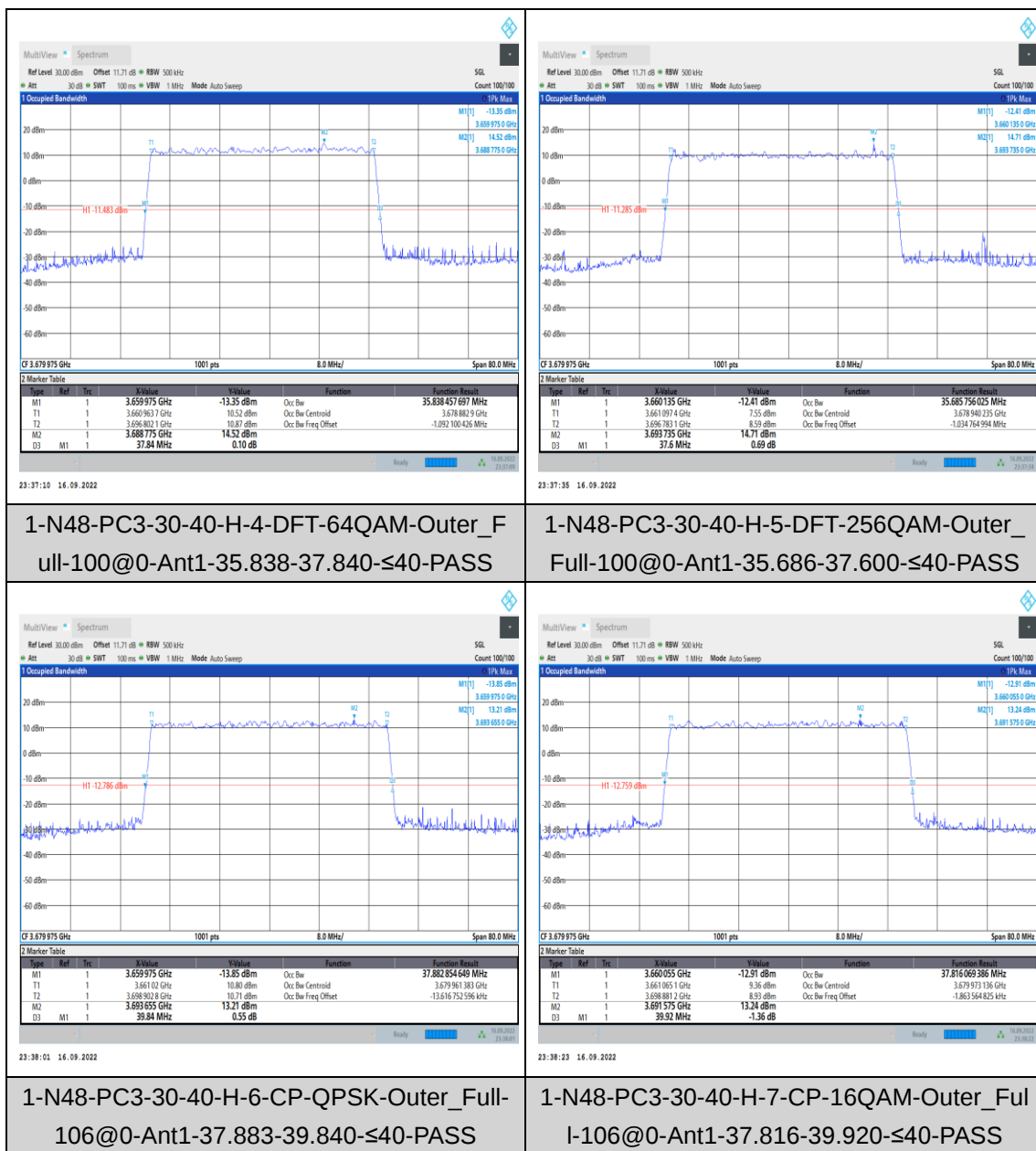


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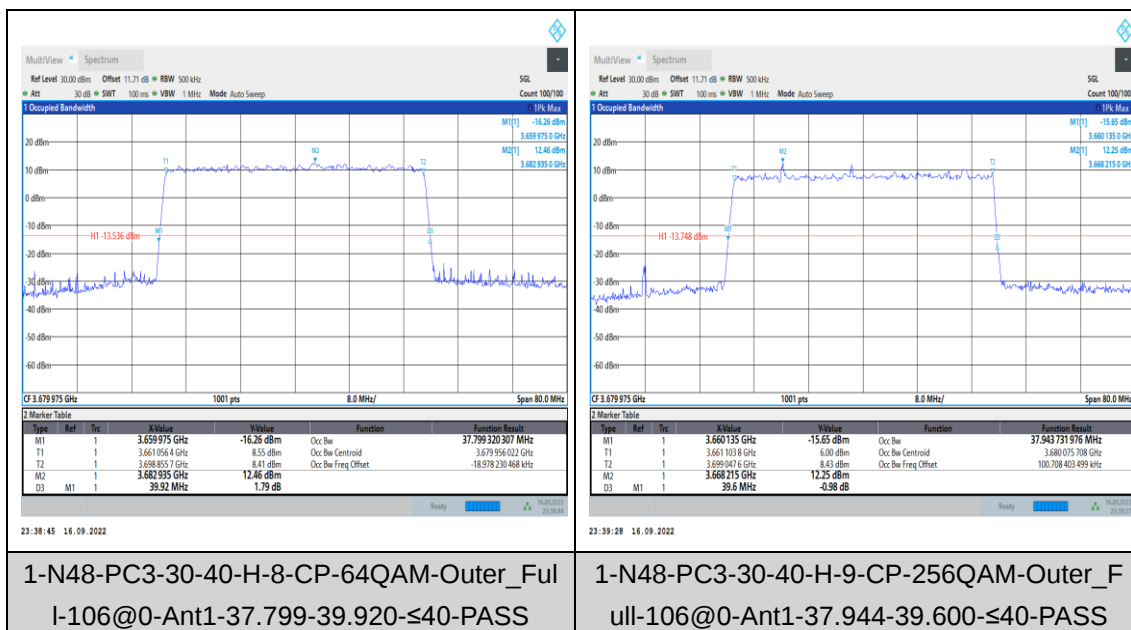


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