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Appendix B.38

NR Band n38



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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
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.16	24.93	33	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.84	24.61	33	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	24.35	24.12	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	24.98	24.75	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	24.80	24.57	33	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	23.89	23.66	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	24.07	23.84	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	23.99	23.76	33	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	22.90	22.67	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	21.84	21.61	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	21.72	21.49	33	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	22.35	22.12	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	20.19	19.96	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	20.11	19.88	33	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	20.22	19.99	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.99	24.76	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.03	24.80	33	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	24.51	24.28	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	24.98	24.75	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	25.09	24.86	33	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	24.00	23.77	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	23.93	23.70	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	24.11	23.88	33	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	23.04	22.81	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	21.96	21.73	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	22.06	21.83	33	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	22.55	22.32	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	20.27	20.04	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	20.40	20.17	33	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	20.43	20.20	33	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.19	24.96	33	PASS



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N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	25.18	24.95	33	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	24.64	24.41	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	25.18	24.95	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	25.17	24.94	33	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	24.15	23.92	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	24.25	24.02	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	24.10	23.87	33	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	23.13	22.90	33	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	22.10	21.87	33	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	22.06	21.83	33	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	22.67	22.44	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	20.50	20.27	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	20.48	20.25	33	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	20.53	20.30	33	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.26	25.03	33	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.11	24.88	33	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	24.60	24.37	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	25.14	24.91	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	25.02	24.79	33	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	24.12	23.89	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	24.09	23.86	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	24.07	23.84	33	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	23.10	22.87	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	22.11	21.88	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	21.96	21.73	33	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	22.57	22.34	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	20.44	20.21	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	20.37	20.14	33	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	20.51	20.28	33	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.13	24.90	33	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.29	25.06	33	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	24.67	24.44	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	25.14	24.91	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	25.27	25.04	33	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	24.20	23.97	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	24.16	23.93	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	24.32	24.09	33	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	23.21	22.98	33	PASS



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N38	30	15	DFT-64QAM	M	Inner_1RB_Left	22.17	21.94	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	22.18	21.95	33	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	22.70	22.47	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	20.45	20.22	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	20.54	20.31	33	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	20.67	20.44	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.24	25.01	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.38	25.15	33	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	24.70	24.47	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	25.18	24.95	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	25.30	25.07	33	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	24.16	23.93	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	24.25	24.02	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	24.20	23.97	33	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	23.17	22.94	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	22.13	21.90	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	22.29	22.06	33	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	22.62	22.39	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	20.50	20.27	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	20.63	20.40	33	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	20.63	20.40	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.37	24.14	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.25	24.02	33	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	24.19	23.96	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	24.25	24.02	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	24.32	24.09	33	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	24.16	23.93	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.18	23.95	33	PASS



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Band width	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	ERIP	Verdict
N38	30	10	CP-QPSK	L	Inner_1RB_Left	21.98	21.56	24.79	24.56	PASS
N38	30	10	CP-QPSK	L	Inner_1RB_Right	21.88	22.04	24.97	24.74	PASS
N38	30	10	CP-QPSK	L	Outer_Full	20.45	20.31	23.39	23.16	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Left	21.37	21.17	24.28	24.05	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Right	21.36	21.17	24.28	24.05	PASS
N38	30	10	CP-16QAM	L	Outer_Full	20.43	20.34	23.40	23.17	PASS
N38	30	10	CP-64QAM	L	Inner_1RB_Left	20.13	19.28	22.74	22.51	PASS
N38	30	10	CP-64QAM	L	Inner_1RB_Right	19.94	19.48	22.73	22.50	PASS
N38	30	10	CP-64QAM	L	Outer_Full	19.95	19.84	22.91	22.68	PASS
N38	30	10	CP-256QAM	L	Inner_1RB_Left	17.14	16.81	19.99	19.76	PASS
N38	30	10	CP-256QAM	L	Inner_1RB_Right	16.97	17.05	20.02	19.79	PASS
N38	30	10	CP-256QAM	L	Outer_Full	17.08	16.99	20.05	19.82	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Left	22.16	21.46	24.83	24.60	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Right	22.17	21.81	25.00	24.77	PASS
N38	30	10	CP-QPSK	M	Outer_Full	20.7	20.08	23.41	23.18	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Left	21.33	21.01	24.18	23.95	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Right	21.58	21.23	24.42	24.19	PASS
N38	30	10	CP-16QAM	M	Outer_Full	20.65	20.12	23.40	23.17	PASS
N38	30	10	CP-64QAM	M	Inner_1RB_Left	20.08	19.13	22.64	22.41	PASS
N38	30	10	CP-64QAM	M	Inner_1RB_Right	20.36	19.17	22.82	22.59	PASS
N38	30	10	CP-64QAM	M	Outer_Full	20.17	19.65	22.93	22.70	PASS
N38	30	10	CP-256QAM	M	Inner_1RB_Left	17.23	16.71	19.99	19.76	PASS
N38	30	10	CP-256QAM	M	Inner_1RB_Right	17.41	16.77	20.11	19.88	PASS
N38	30	10	CP-256QAM	M	Outer_Full	17.28	16.82	20.07	19.84	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Left	22.15	21.79	24.98	24.75	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Right	22.3	21.65	25.00	24.77	PASS
N38	30	10	CP-QPSK	H	Outer_Full	20.74	20.18	23.48	23.25	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Left	21.44	21.13	24.30	24.07	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Right	21.55	21.09	24.34	24.11	PASS
N38	30	10	CP-16QAM	H	Outer_Full	20.7	20.22	23.48	23.25	PASS



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N38	30	10	CP-64QAM	H	Inner_1RB_Left	20.2	19.23	22.75	22.52	PASS
N38	30	10	CP-64QAM	H	Inner_1RB_Right	20.58	19.27	22.98	22.75	PASS
N38	30	10	CP-64QAM	H	Outer_Full	20.26	19.71	23.00	22.77	PASS
N38	30	10	CP-256QAM	H	Inner_1RB_Left	17.32	16.85	20.10	19.87	PASS
N38	30	10	CP-256QAM	H	Inner_1RB_Right	17.53	16.78	20.18	19.95	PASS
N38	30	10	CP-256QAM	H	Outer_Full	17.52	16.91	20.24	20.01	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Left	22.04	21.95	25.01	24.78	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Right	22.04	22.28	25.17	24.94	PASS
N38	30	15	CP-QPSK	L	Outer_Full	20.62	20.55	23.60	23.37	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Left	21.55	21.46	24.52	24.29	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Right	21.25	21.59	24.43	24.20	PASS
N38	30	15	CP-16QAM	L	Outer_Full	20.64	20.54	23.60	23.37	PASS
N38	30	15	CP-64QAM	L	Inner_1RB_Left	20.16	19.37	22.79	22.56	PASS
N38	30	15	CP-64QAM	L	Inner_1RB_Right	20.1	19.67	22.90	22.67	PASS
N38	30	15	CP-64QAM	L	Outer_Full	20.14	20.06	23.11	22.88	PASS
N38	30	15	CP-256QAM	L	Inner_1RB_Left	17.31	16.98	20.16	19.93	PASS
N38	30	15	CP-256QAM	L	Inner_1RB_Right	17.21	17.22	20.23	20.00	PASS
N38	30	15	CP-256QAM	L	Outer_Full	17.23	17.18	20.22	19.99	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Left	22.19	22.02	25.12	24.89	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Right	22.57	21.9	25.26	25.03	PASS
N38	30	15	CP-QPSK	M	Outer_Full	20.93	20.4	23.68	23.45	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Left	21.4	21.46	24.44	24.21	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Right	21.67	21.4	24.55	24.32	PASS
N38	30	15	CP-16QAM	M	Outer_Full	20.9	20.41	23.67	23.44	PASS
N38	30	15	CP-64QAM	M	Inner_1RB_Left	20.24	19.38	22.84	22.61	PASS
N38	30	15	CP-64QAM	M	Inner_1RB_Right	20.47	19.5	23.02	22.79	PASS
N38	30	15	CP-64QAM	M	Outer_Full	20.4	19.95	23.19	22.96	PASS
N38	30	15	CP-256QAM	M	Inner_1RB_Left	17.39	17.04	20.23	20.00	PASS
N38	30	15	CP-256QAM	M	Inner_1RB_Right	17.54	17.12	20.35	20.12	PASS
N38	30	15	CP-256QAM	M	Outer_Full	17.48	17.03	20.27	20.04	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Left	22.27	21.96	25.13	24.90	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Right	22.4	21.79	25.12	24.89	PASS
N38	30	15	CP-QPSK	H	Outer_Full	20.92	20.42	23.69	23.46	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Left	21.49	21.38	24.45	24.22	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Right	21.75	21.34	24.56	24.33	PASS
N38	30	15	CP-16QAM	H	Outer_Full	20.89	20.42	23.67	23.44	PASS
N38	30	15	CP-64QAM	H	Inner_1RB_Left	20.44	19.41	22.97	22.74	PASS
N38	30	15	CP-64QAM	H	Inner_1RB_Right	20.44	19.48	23.00	22.77	PASS



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N38	30	15	CP-64QAM	H	Outer_Full	20.41	19.97	23.21	22.98	PASS
N38	30	15	CP-256QAM	H	Inner_1RB_Left	17.48	17.02	20.27	20.04	PASS
N38	30	15	CP-256QAM	H	Inner_1RB_Right	17.59	17.05	20.34	20.11	PASS
N38	30	15	CP-256QAM	H	Outer_Full	17.48	17.04	20.28	20.05	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Left	22.21	21.61	24.93	24.70	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Right	22.17	21.85	25.02	24.79	PASS
N38	30	20	CP-QPSK	L	Outer_Full	20.57	20.46	23.53	23.30	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Left	21.48	21.22	24.36	24.13	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Right	21.64	21.27	24.47	24.24	PASS
N38	30	20	CP-16QAM	L	Outer_Full	20.51	20.43	23.48	23.25	PASS
N38	30	20	CP-64QAM	L	Inner_1RB_Left	20.15	19.34	22.77	22.54	PASS
N38	30	20	CP-64QAM	L	Inner_1RB_Right	20.22	19.48	22.88	22.65	PASS
N38	30	20	CP-64QAM	L	Outer_Full	20.14	20.04	23.10	22.87	PASS
N38	30	20	CP-256QAM	L	Inner_1RB_Left	17.28	16.9	20.10	19.87	PASS
N38	30	20	CP-256QAM	L	Inner_1RB_Right	17.42	17.06	20.25	20.02	PASS
N38	30	20	CP-256QAM	L	Outer_Full	17.18	17.18	20.19	19.96	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Left	22.06	21.93	25.01	24.78	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Right	22.56	21.9	25.25	25.02	PASS
N38	30	20	CP-QPSK	M	Outer_Full	20.89	20.36	23.64	23.41	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Left	21.3	21.44	24.38	24.15	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Right	21.8	21.53	24.68	24.45	PASS
N38	30	20	CP-16QAM	M	Outer_Full	20.8	20.33	23.58	23.35	PASS
N38	30	20	CP-64QAM	M	Inner_1RB_Left	20.2	19.4	22.83	22.60	PASS
N38	30	20	CP-64QAM	M	Inner_1RB_Right	20.49	19.49	23.03	22.80	PASS
N38	30	20	CP-64QAM	M	Outer_Full	20.42	20.03	23.24	23.01	PASS
N38	30	20	CP-256QAM	M	Inner_1RB_Left	17.3	17.01	20.17	19.94	PASS
N38	30	20	CP-256QAM	M	Inner_1RB_Right	17.5	16.99	20.26	20.03	PASS
N38	30	20	CP-256QAM	M	Outer_Full	17.41	17.08	20.26	20.03	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Left	22.26	21.87	25.08	24.85	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Right	22.4	22.05	25.24	25.01	PASS
N38	30	20	CP-QPSK	H	Outer_Full	20.88	20.45	23.68	23.45	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Left	21.64	21.23	24.45	24.22	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Right	21.76	21.37	24.58	24.35	PASS
N38	30	20	CP-16QAM	H	Outer_Full	20.84	20.55	23.71	23.48	PASS
N38	30	20	CP-64QAM	H	Inner_1RB_Left	20.46	19.43	22.99	22.76	PASS
N38	30	20	CP-64QAM	H	Inner_1RB_Right	20.42	19.59	23.04	22.81	PASS
N38	30	20	CP-64QAM	H	Outer_Full	20.44	20.15	23.31	23.08	PASS
N38	30	20	CP-256QAM	H	Inner_1RB_Left	17.51	17.04	20.29	20.06	PASS



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N38	30	20	CP-256QAM	H	Inner_1RB_Right	17.66	17.12	20.41	20.18	PASS
N38	30	20	CP-256QAM	H	Outer_Full	16.59	17.25	19.94	19.71	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Left	22.2	21.88	25.05	24.82	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Right	22.72	22.19	25.47	25.24	PASS
N38	30	30	CP-QPSK	L	Outer_Full	20.81	20.52	23.68	23.45	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Left	21.77	21.53	24.66	24.43	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Right	22.03	21.6	24.83	24.60	PASS
N38	30	30	CP-16QAM	L	Outer_Full	20.72	20.52	23.63	23.40	PASS
N38	30	30	CP-64QAM	L	Inner_1RB_Left	20.28	19.51	22.92	22.69	PASS
N38	30	30	CP-64QAM	L	Inner_1RB_Right	20.59	19.61	23.14	22.91	PASS
N38	30	30	CP-64QAM	L	Outer_Full	20.24	20.05	23.16	22.93	PASS
N38	30	30	CP-256QAM	L	Inner_1RB_Left	17.38	17.12	20.26	20.03	PASS
N38	30	30	CP-256QAM	L	Inner_1RB_Right	17.63	17.3	20.48	20.25	PASS
N38	30	30	CP-256QAM	L	Outer_Full	17.49	17.27	20.39	20.16	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Left	22.08	22.23	25.17	24.94	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Right	22.61	22.31	25.47	25.24	PASS
N38	30	30	CP-QPSK	M	Outer_Full	20.87	20.58	23.74	23.51	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Left	21.68	21.66	24.68	24.45	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Right	22.04	21.79	24.93	24.70	PASS
N38	30	30	CP-16QAM	M	Outer_Full	20.89	20.57	23.74	23.51	PASS
N38	30	30	CP-64QAM	M	Inner_1RB_Left	20.05	19.73	22.90	22.67	PASS
N38	30	30	CP-64QAM	M	Inner_1RB_Right	20.62	19.75	23.22	22.99	PASS
N38	30	30	CP-64QAM	M	Outer_Full	20.46	20.07	23.28	23.05	PASS
N38	30	30	CP-256QAM	M	Inner_1RB_Left	17.31	17.31	20.32	20.09	PASS
N38	30	30	CP-256QAM	M	Inner_1RB_Right	17.66	17.37	20.53	20.30	PASS
N38	30	30	CP-256QAM	M	Outer_Full	17.55	17.32	20.45	20.22	PASS
N38	30	30	CP-QPSK	H	Inner_1RB_Left	22.42	22.18	25.31	25.08	PASS
N38	30	30	CP-QPSK	H	Inner_1RB_Right	22.67	22.44	25.57	25.34	PASS
N38	30	30	CP-QPSK	H	Outer_Full	20.99	20.5	23.76	23.53	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Left	21.91	21.23	24.59	24.36	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Right	22.01	21.62	24.83	24.60	PASS
N38	30	30	CP-16QAM	H	Outer_Full	20.99	20.56	23.79	23.56	PASS
N38	30	30	CP-64QAM	H	Inner_1RB_Left	20.41	19.49	22.98	22.75	PASS
N38	30	30	CP-64QAM	H	Inner_1RB_Right	20.83	19.7	23.31	23.08	PASS
N38	30	30	CP-64QAM	H	Outer_Full	20.55	20.11	23.35	23.12	PASS
N38	30	30	CP-256QAM	H	Inner_1RB_Left	17.56	17.11	20.35	20.12	PASS
N38	30	30	CP-256QAM	H	Inner_1RB_Right	17.78	17.34	20.58	20.35	PASS
N38	30	30	CP-256QAM	H	Outer_Full	17.73	17.3	20.53	20.30	PASS



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N38	30	40	CP-QPSK	L	Inner_1RB_Left	22.23	21.87	25.06	24.83	PASS
N38	30	40	CP-QPSK	L	Inner_1RB_Right	22.58	22.38	25.49	25.26	PASS
N38	30	40	CP-QPSK	L	Outer_Full	20.87	20.58	23.74	23.51	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Left	21.55	21.41	24.49	24.26	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Right	21.82	21.61	24.73	24.50	PASS
N38	30	40	CP-16QAM	L	Outer_Full	20.86	20.58	23.73	23.50	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Left	20.28	19.55	22.94	22.71	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Right	20.45	19.76	23.13	22.90	PASS
N38	30	40	CP-64QAM	L	Outer_Full	20.39	20.11	23.26	23.03	PASS
N38	30	40	CP-256QAM	L	Inner_1RB_Left	17.38	17.11	20.26	20.03	PASS
N38	30	40	CP-256QAM	L	Inner_1RB_Right	17.67	17.29	20.49	20.26	PASS
N38	30	40	CP-256QAM	L	Outer_Full	17.47	17.32	20.41	20.18	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Left	22.1	22.34	25.23	25.00	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Right	22.56	22.36	25.47	25.24	PASS
N38	30	40	CP-QPSK	M	Outer_Full	20.86	20.62	23.75	23.52	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Left	21.32	21.62	24.48	24.25	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Right	22.07	21.84	24.97	24.74	PASS
N38	30	40	CP-16QAM	M	Outer_Full	20.89	20.63	23.77	23.54	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Left	20.07	19.69	22.89	22.66	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Right	20.54	19.77	23.18	22.95	PASS
N38	30	40	CP-64QAM	M	Outer_Full	20.41	20.13	23.28	23.05	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Left	17.27	17.22	20.26	20.03	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Right	17.74	17.31	20.54	20.31	PASS
N38	30	40	CP-256QAM	M	Outer_Full	17.49	17.38	20.45	20.22	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Left	22.12	22.34	25.24	25.01	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Right	22.7	22.12	25.43	25.20	PASS
N38	30	40	CP-QPSK	H	Outer_Full	21	20.57	23.80	23.57	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Left	21.49	21.54	24.53	24.30	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Right	22.06	21.61	24.85	24.62	PASS
N38	30	40	CP-16QAM	H	Outer_Full	21.01	20.59	23.82	23.59	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Left	20.65	20.45	23.56	23.33	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Right	20.64	19.7	23.21	22.98	PASS
N38	30	40	CP-64QAM	H	Outer_Full	20.49	20.11	23.31	23.08	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Left	18.45	17.29	20.92	20.69	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Right	18.52	17.28	20.95	20.72	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
N38	30	40	DFT-256QAM	L	Outer_Full	19.4%	7.12	2.60	≤13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	19.4%	7.12	3.50	≤13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	19.4%	7.12	2.35	≤13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	19.4%	7.12	3.59	≤13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	19.4%	7.12	2.68	≤13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	19.4%	7.12	3.74	≤13	PASS



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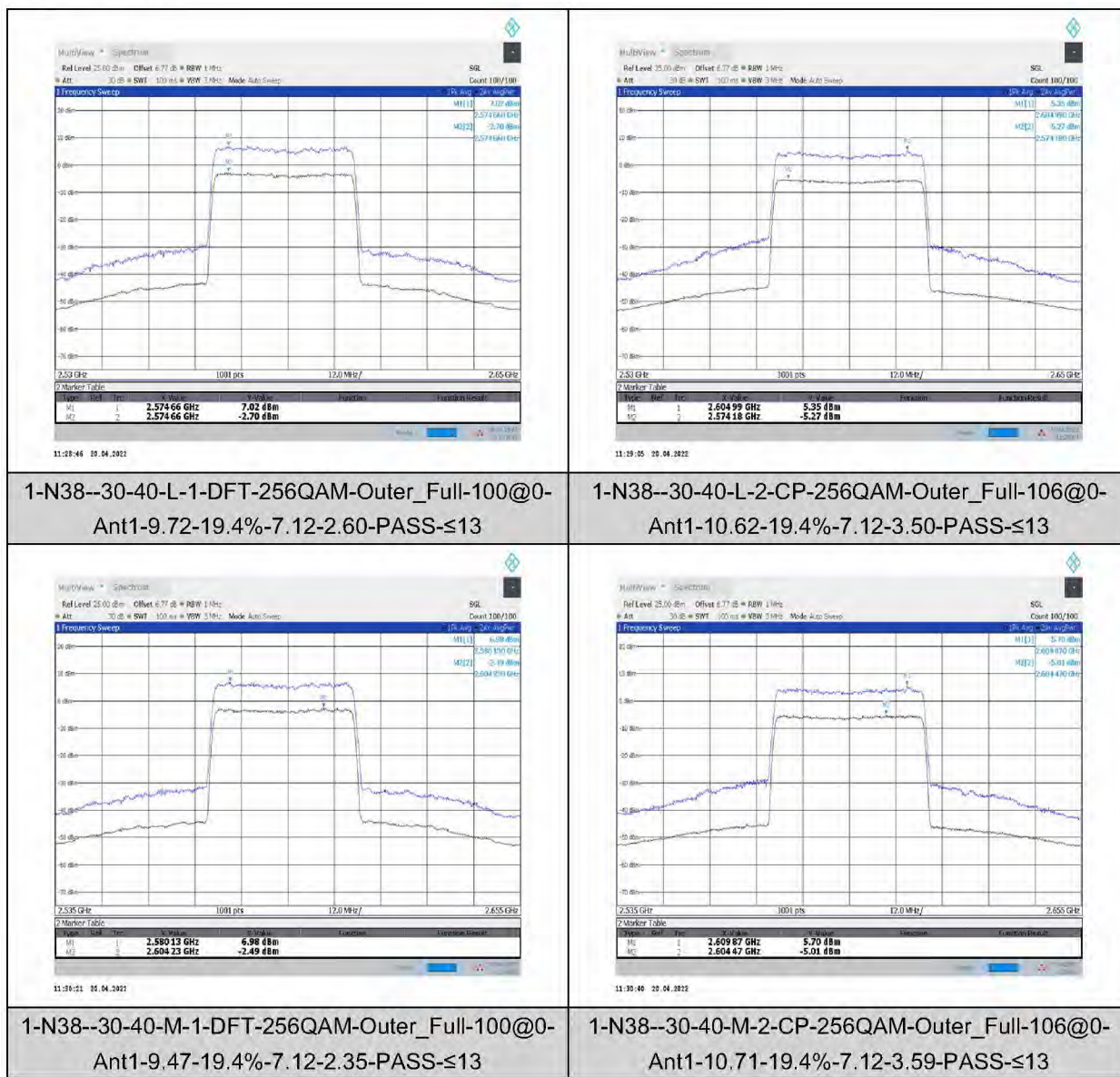
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Test Graphs



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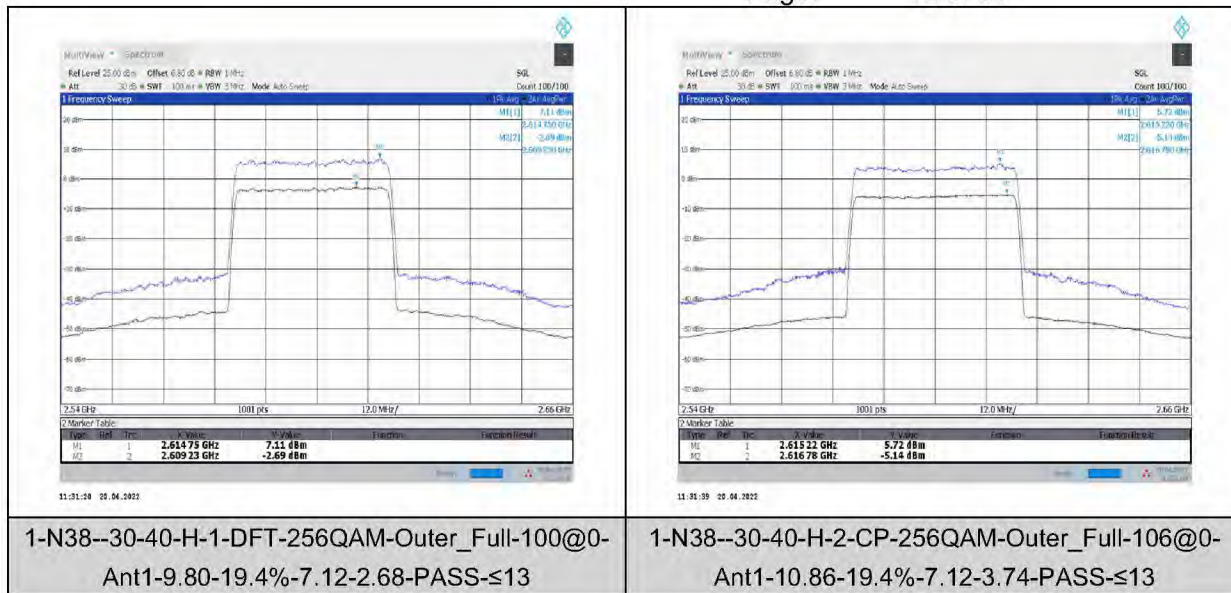
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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-QPSK	M	Outer_Full	see graph	PASS
N38	30	40	CP-16QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-64QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-256QAM	M	Outer_Full	see graph	PASS



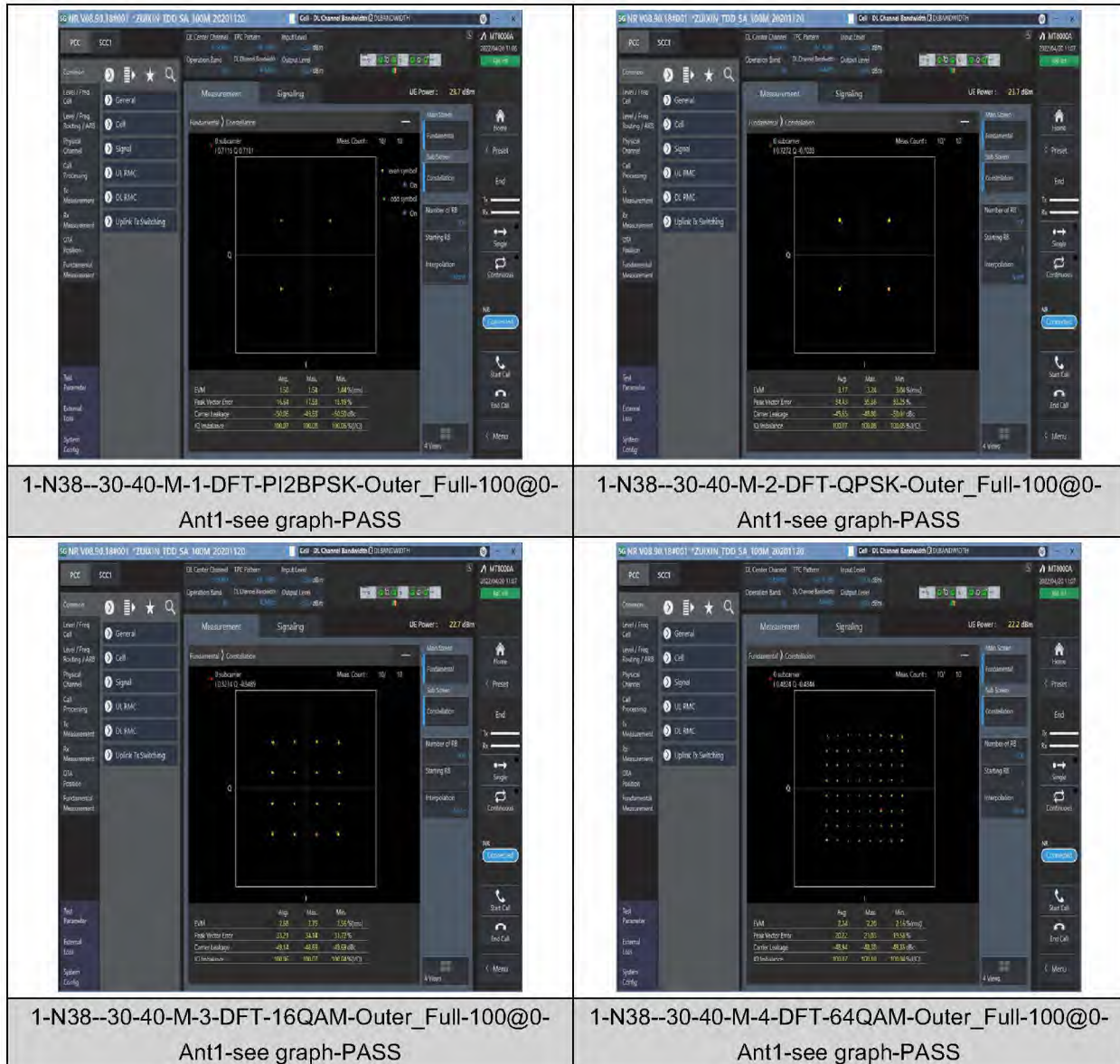
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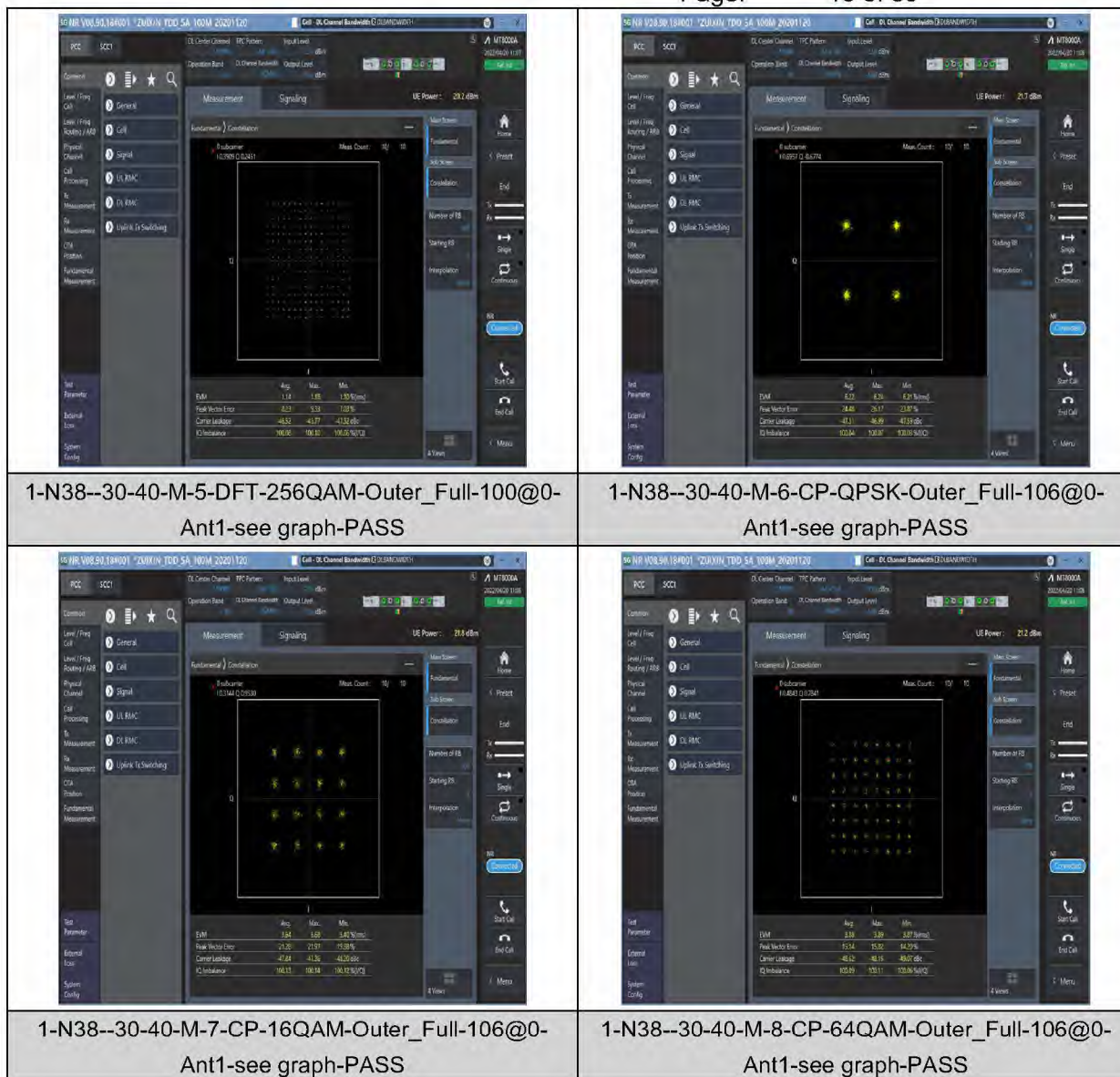
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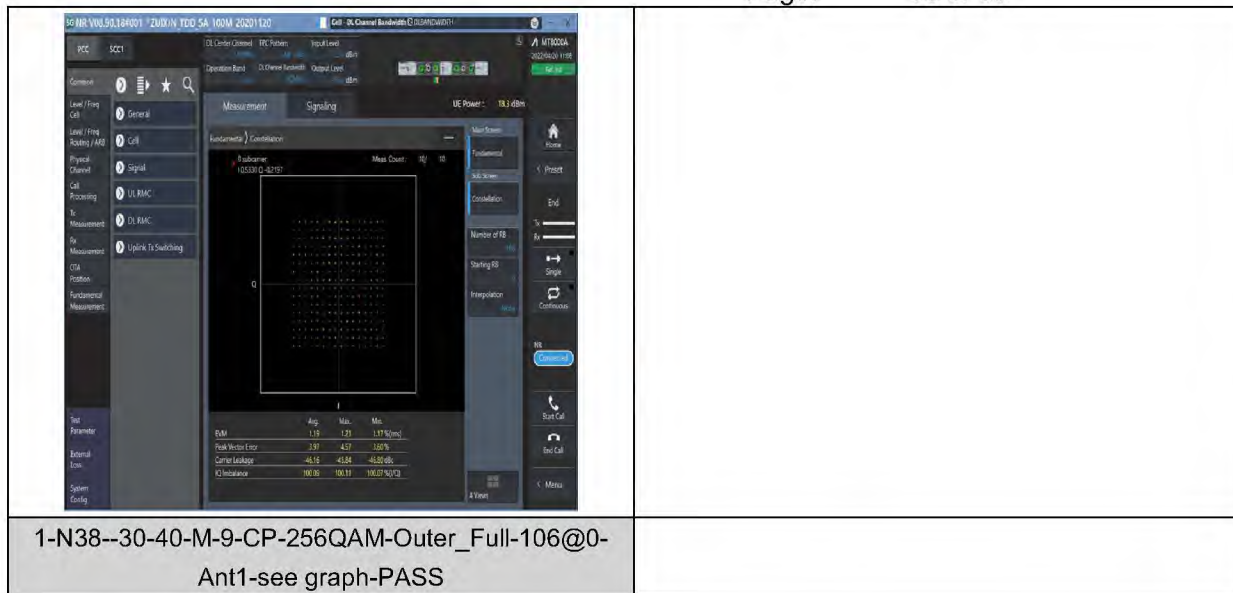
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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N38	30	10	DFT-QPSK	L	Outer_Full	8.577	9.400	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	8.544	9.360	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	8.592	9.500	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	8.558	9.480	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	8.591	10.000	PASS
N38	30	10	CP-QPSK	L	Outer_Full	8.565	9.480	PASS
N38	30	10	CP-16QAM	L	Outer_Full	8.615	9.440	PASS
N38	30	10	CP-64QAM	L	Outer_Full	8.608	9.500	PASS
N38	30	10	CP-256QAM	L	Outer_Full	8.583	9.620	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	8.595	9.860	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.574	9.360	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.592	10.000	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.6	9.320	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.57	9.500	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.601	9.440	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.6	9.540	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.608	9.500	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.577	9.540	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	8.599	9.480	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	8.58	9.320	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	8.608	9.540	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	8.594	9.360	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	8.559	9.860	PASS
N38	30	10	CP-QPSK	H	Outer_Full	8.615	9.600	PASS
N38	30	10	CP-16QAM	H	Outer_Full	8.571	10.020	PASS
N38	30	10	CP-64QAM	H	Outer_Full	8.609	9.420	PASS
N38	30	10	CP-256QAM	H	Outer_Full	8.595	9.760	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	12.885	14.280	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	12.949	14.040	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	12.852	14.010	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	12.891	14.250	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	12.813	13.920	PASS



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N38	30	15	CP-QPSK	L	Outer_Full	13.588	14.670	PASS
N38	30	15	CP-16QAM	L	Outer_Full	13.571	14.940	PASS
N38	30	15	CP-64QAM	L	Outer_Full	13.606	14.970	PASS
N38	30	15	CP-256QAM	L	Outer_Full	13.604	14.820	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.914	14.010	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.896	14.070	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.899	14.190	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.887	14.250	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.871	14.340	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.581	14.640	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.575	15.060	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.675	14.790	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.615	14.970	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	12.877	14.010	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	12.834	14.130	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	12.835	13.950	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	12.878	14.400	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	12.829	13.680	PASS
N38	30	15	CP-QPSK	H	Outer_Full	13.607	14.610	PASS
N38	30	15	CP-16QAM	H	Outer_Full	13.589	14.550	PASS
N38	30	15	CP-64QAM	H	Outer_Full	13.568	14.400	PASS
N38	30	15	CP-256QAM	H	Outer_Full	13.524	14.850	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	17.906	19.560	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	17.871	19.720	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	17.906	19.560	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	17.906	19.480	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	17.877	19.560	PASS
N38	30	20	CP-QPSK	L	Outer_Full	18.213	20.080	PASS
N38	30	20	CP-16QAM	L	Outer_Full	18.236	20.000	PASS
N38	30	20	CP-64QAM	L	Outer_Full	18.23	19.880	PASS
N38	30	20	CP-256QAM	L	Outer_Full	18.237	19.680	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.897	19.560	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.858	19.760	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.912	19.600	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.9	19.520	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.891	19.480	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.226	20.000	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.235	19.720	PASS



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N38	30	20	CP-256QAM	M	Outer_Full	18.235	19.720	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	17.846	19.520	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	17.858	19.720	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	17.948	19.560	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	17.896	19.560	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	17.858	19.720	PASS
N38	30	20	CP-QPSK	H	Outer_Full	18.231	19.960	PASS
N38	30	20	CP-16QAM	H	Outer_Full	18.228	20.000	PASS
N38	30	20	CP-64QAM	H	Outer_Full	18.219	19.840	PASS
N38	30	20	CP-256QAM	H	Outer_Full	18.26	19.840	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	26.83	28.740	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	26.835	28.860	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	26.856	28.740	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	26.831	28.800	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	26.819	28.980	PASS
N38	30	30	CP-QPSK	L	Outer_Full	27.914	30.420	PASS
N38	30	30	CP-16QAM	L	Outer_Full	27.911	29.820	PASS
N38	30	30	CP-64QAM	L	Outer_Full	27.905	30.660	PASS
N38	30	30	CP-256QAM	L	Outer_Full	27.892	29.880	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.839	28.860	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.898	28.800	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	26.885	28.800	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	26.846	28.860	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	26.868	28.920	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.882	30.120	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.9	29.880	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.872	30.000	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.87	29.700	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	26.796	28.860	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	26.813	28.680	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	26.862	28.860	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	26.835	29.100	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	26.82	28.680	PASS
N38	30	30	CP-QPSK	H	Outer_Full	27.845	30.660	PASS
N38	30	30	CP-16QAM	H	Outer_Full	27.875	29.880	PASS
N38	30	30	CP-64QAM	H	Outer_Full	27.852	29.760	PASS
N38	30	30	CP-256QAM	H	Outer_Full	27.851	29.700	PASS



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N38	30	40	DFT-QPSK	L	Outer_Full	35.764	38.320	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	35.783	38.160	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	35.775	38.160	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	35.904	38.240	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	35.772	38.080	PASS
N38	30	40	CP-QPSK	L	Outer_Full	37.96	40.320	PASS
N38	30	40	CP-16QAM	L	Outer_Full	37.956	40.480	PASS
N38	30	40	CP-64QAM	L	Outer_Full	37.93	40.560	PASS
N38	30	40	CP-256QAM	L	Outer_Full	37.89	40.160	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.78	38.320	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.815	38.160	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.777	38.320	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.923	38.240	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.782	38.160	PASS
N38	30	40	CP-QPSK	M	Outer_Full	37.961	40.400	PASS
N38	30	40	CP-16QAM	M	Outer_Full	37.943	40.480	PASS
N38	30	40	CP-64QAM	M	Outer_Full	37.931	40.480	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.897	40.320	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	35.764	38.240	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	35.802	38.000	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	35.769	38.160	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	35.875	38.080	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	35.739	38.000	PASS
N38	30	40	CP-QPSK	H	Outer_Full	37.958	40.320	PASS
N38	30	40	CP-16QAM	H	Outer_Full	37.944	40.480	PASS
N38	30	40	CP-64QAM	H	Outer_Full	37.889	40.400	PASS
N38	30	40	CP-256QAM	H	Outer_Full	37.92	40.320	PASS



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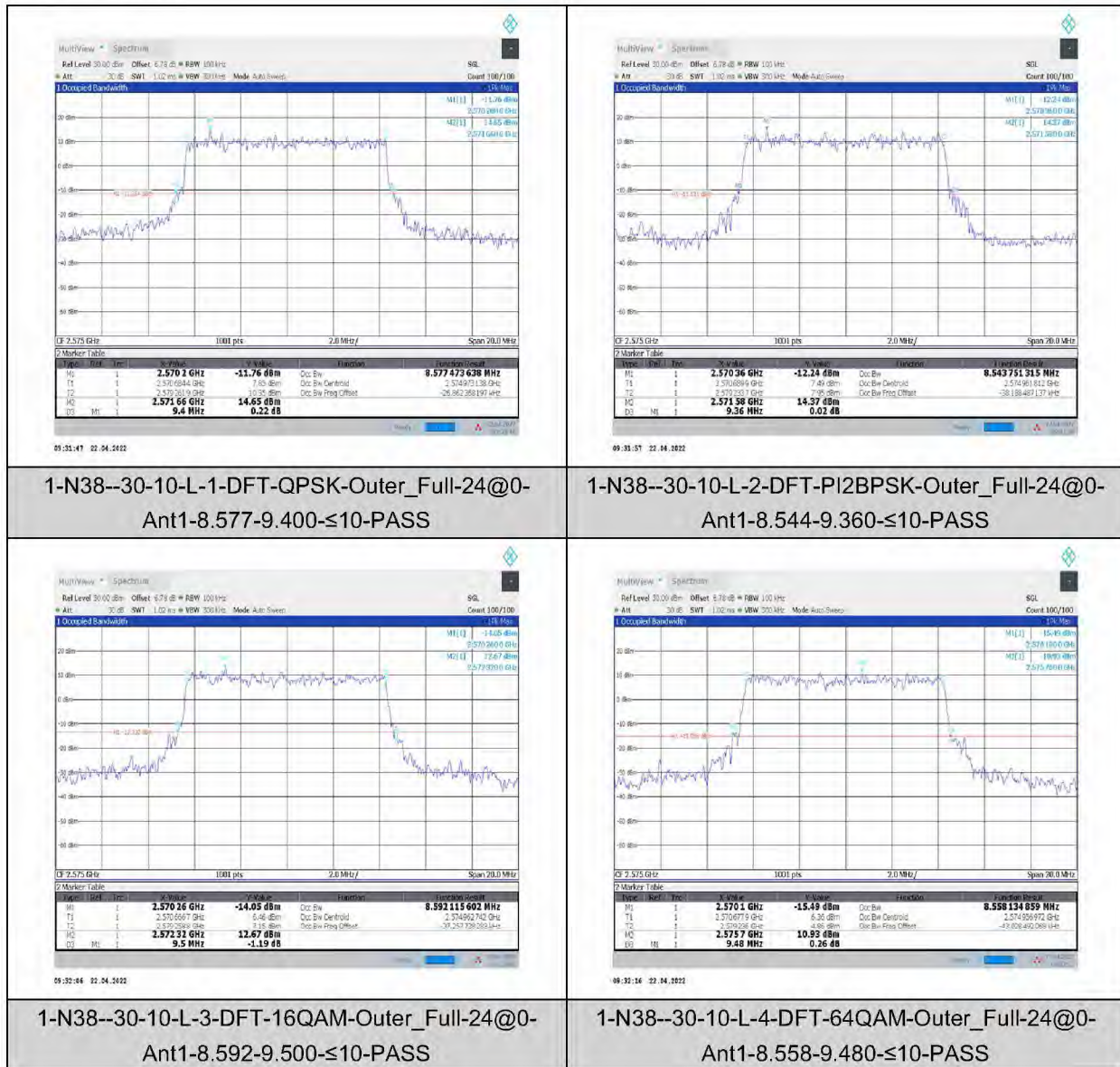
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Test Graphs



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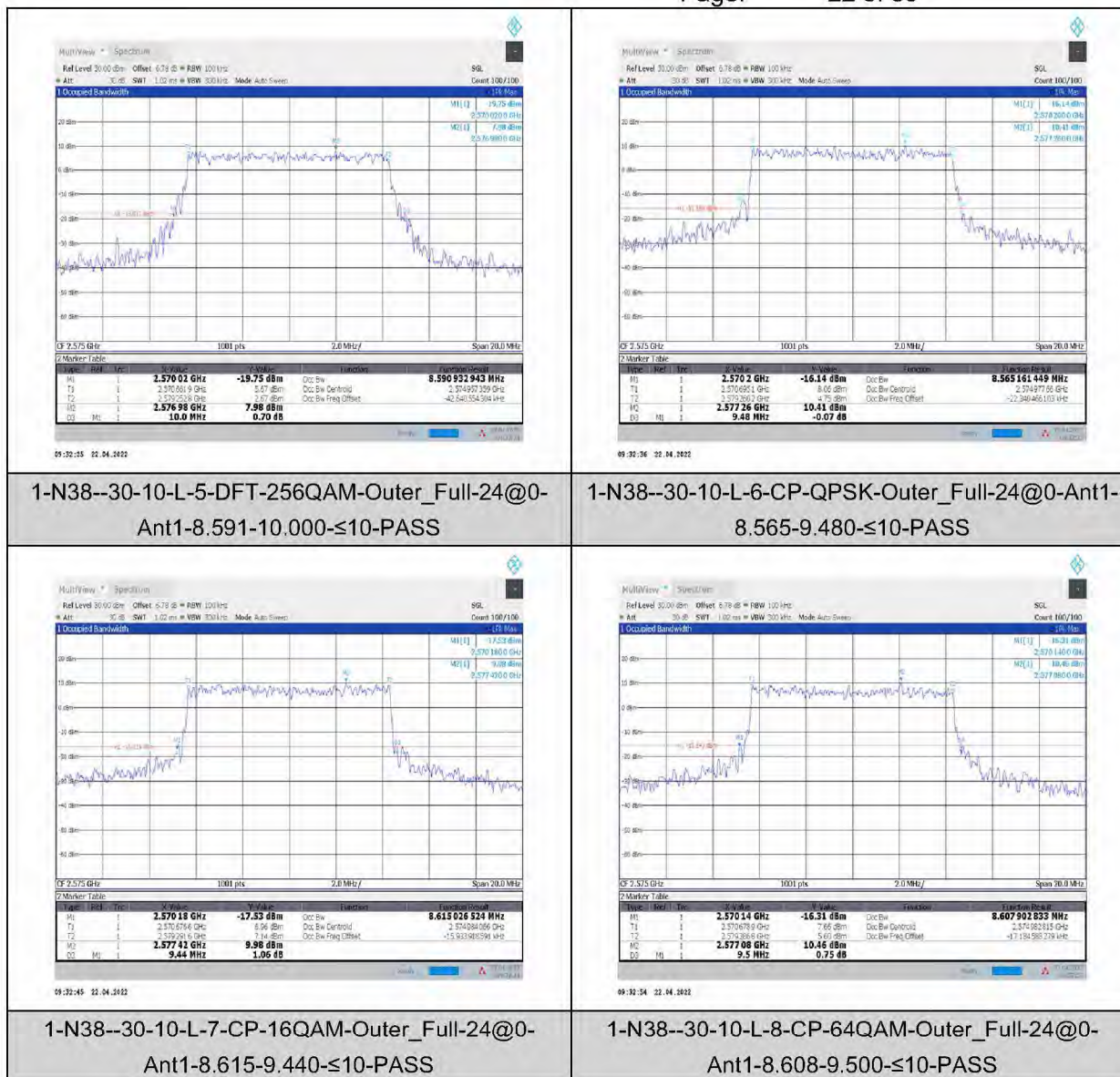
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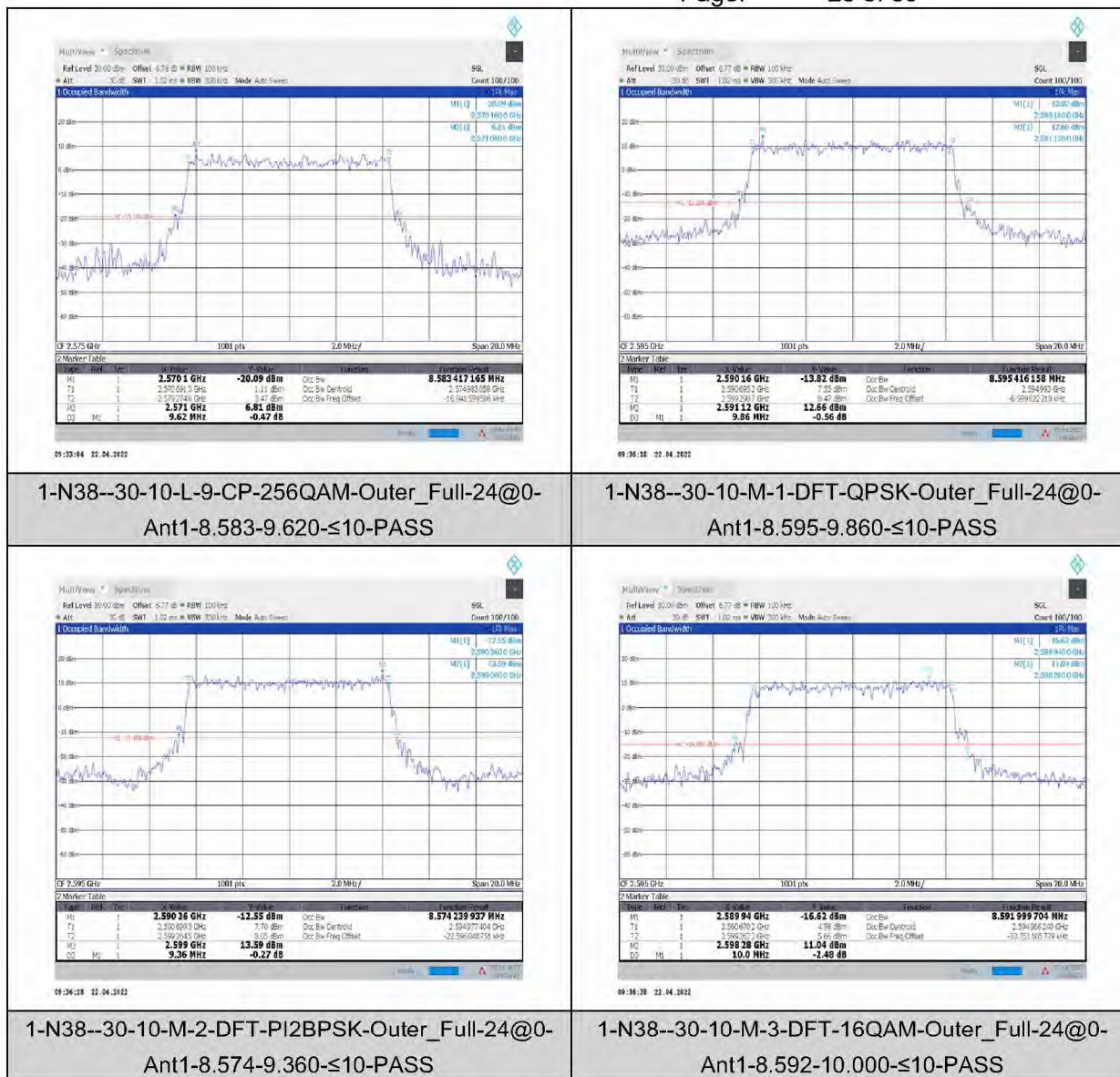
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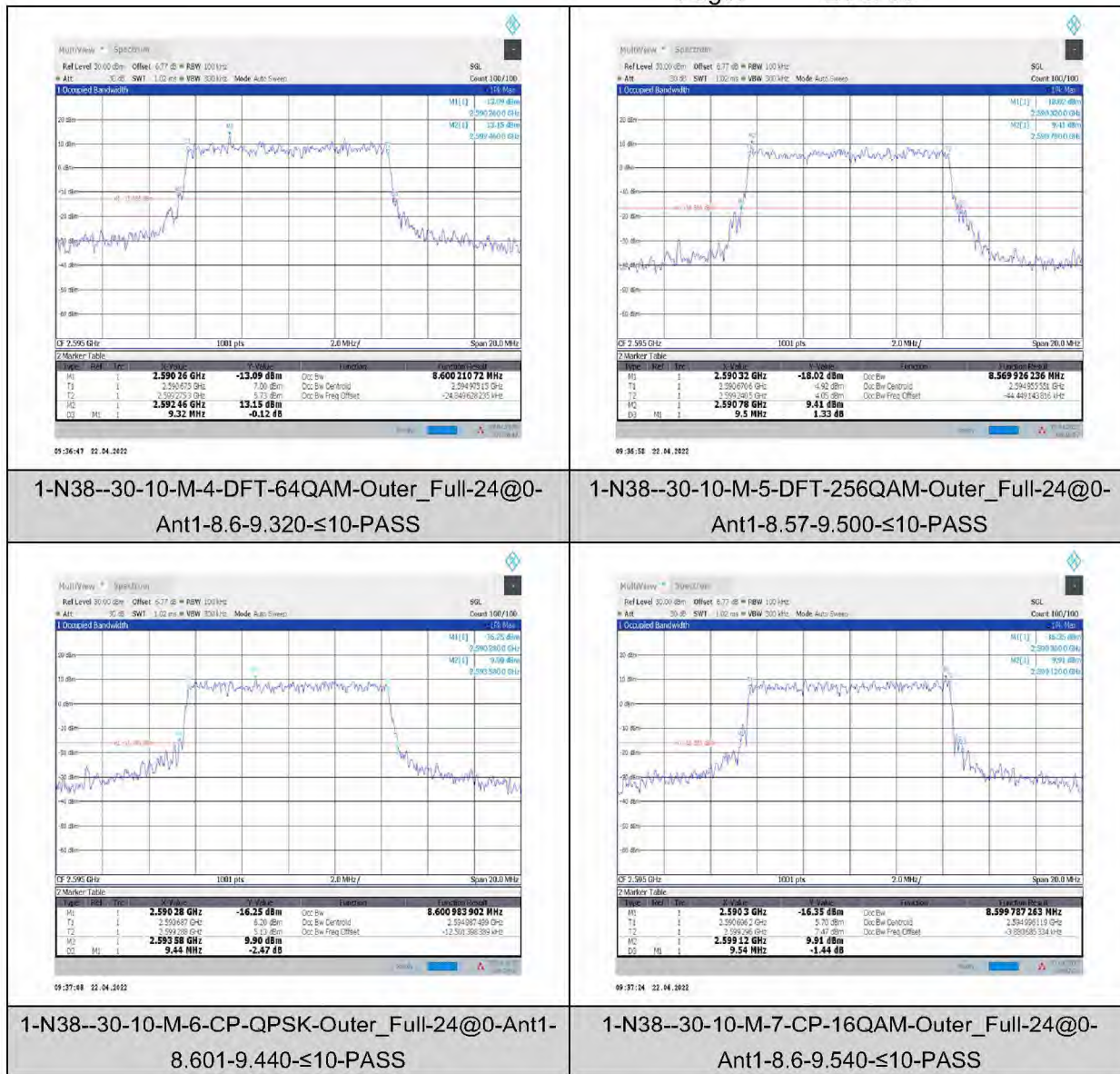
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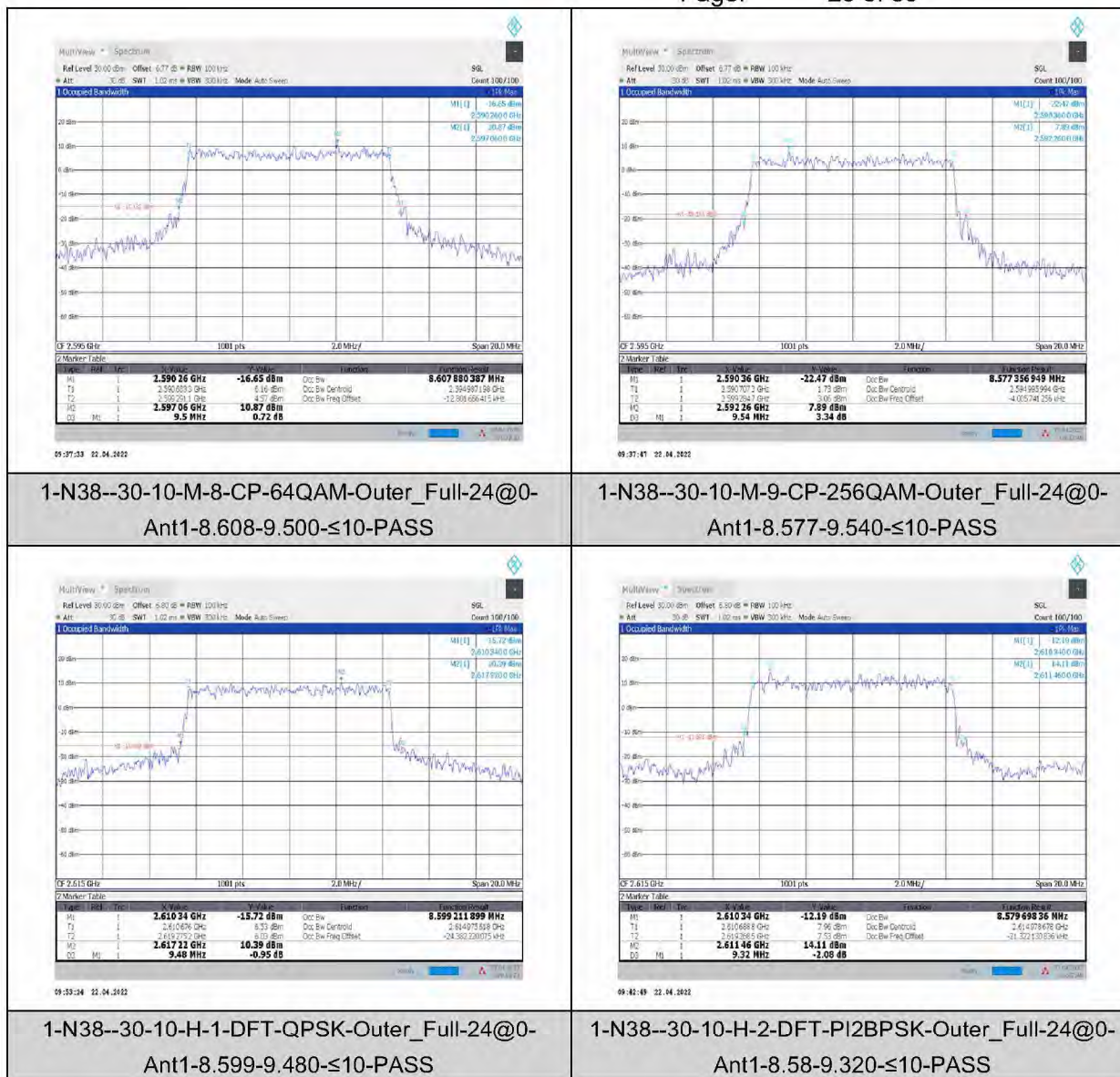
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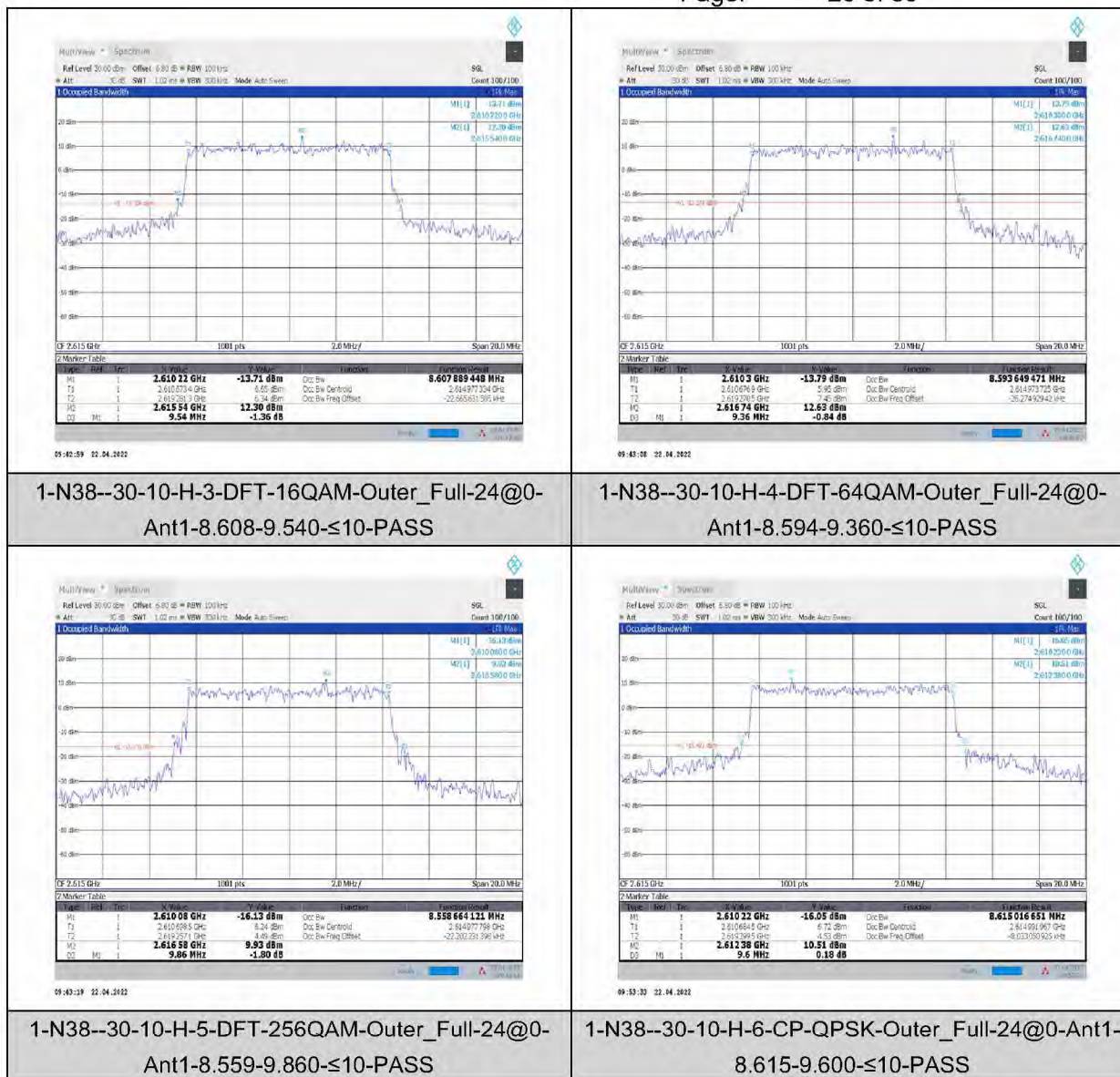
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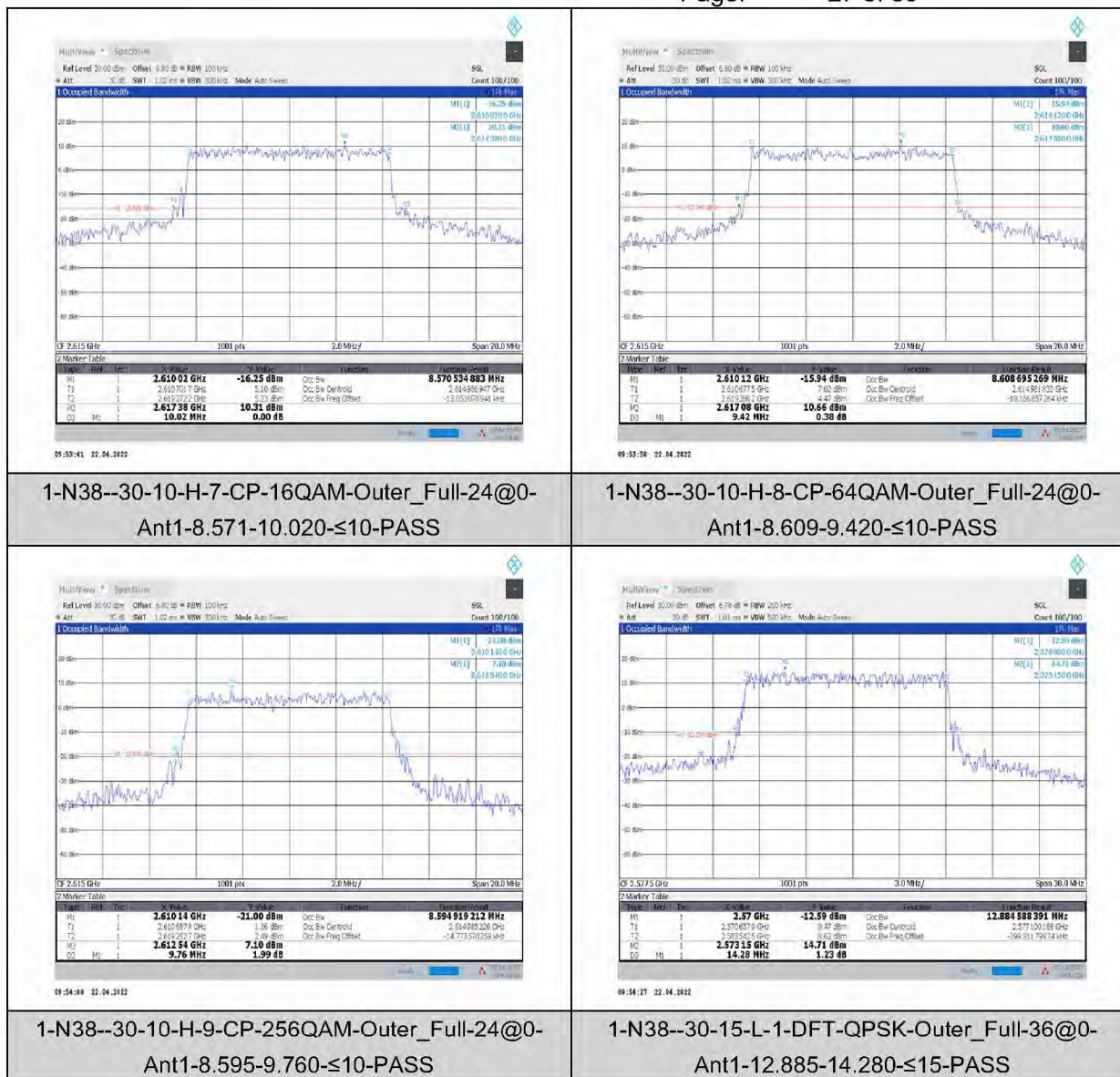
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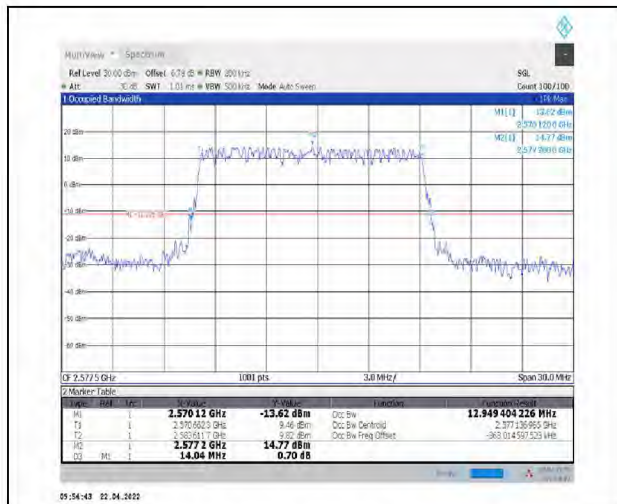
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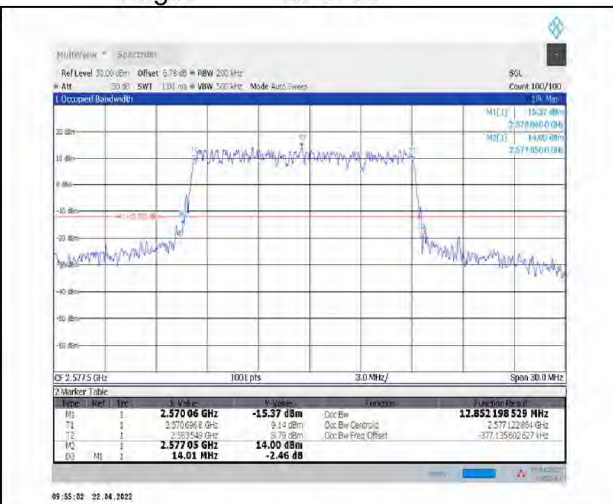
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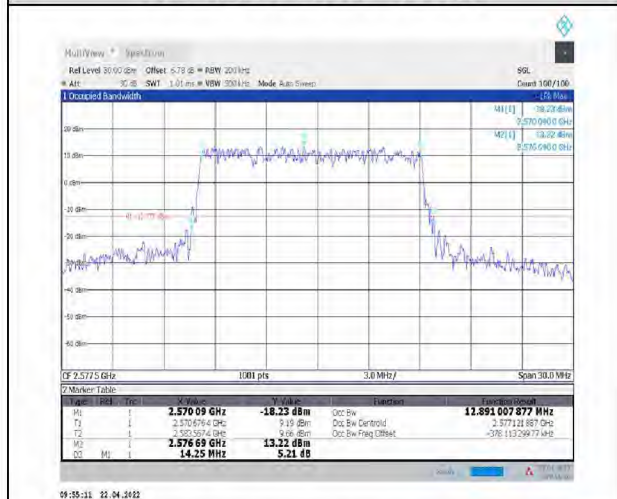
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1-N38--30-15-L-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.852-14.010-≤15-PASS



1-N38--30-15-L-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.891-14.250-≤15-PASS



1-N38--30-15-L-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.813-13.920-≤15-PASS



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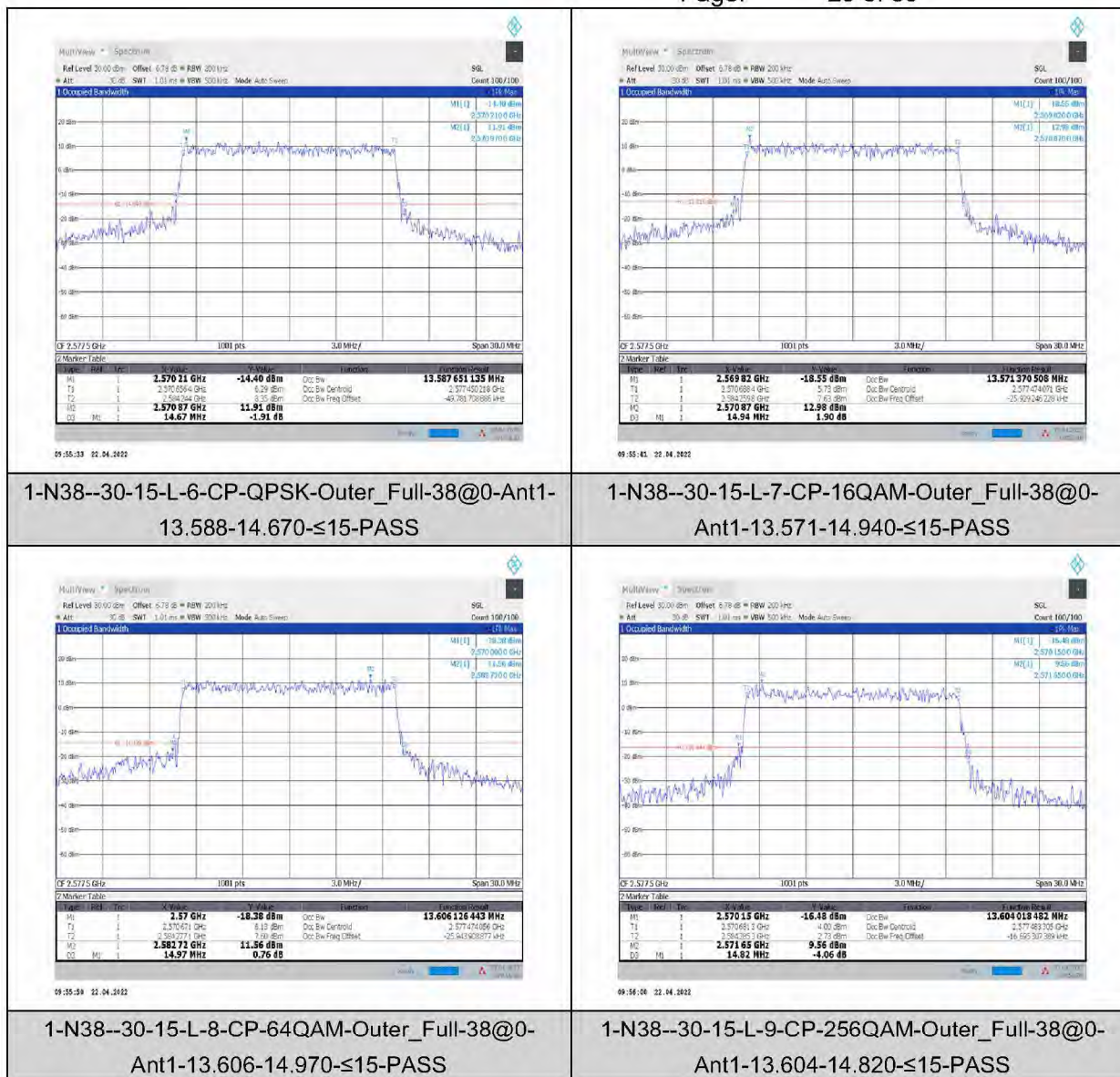
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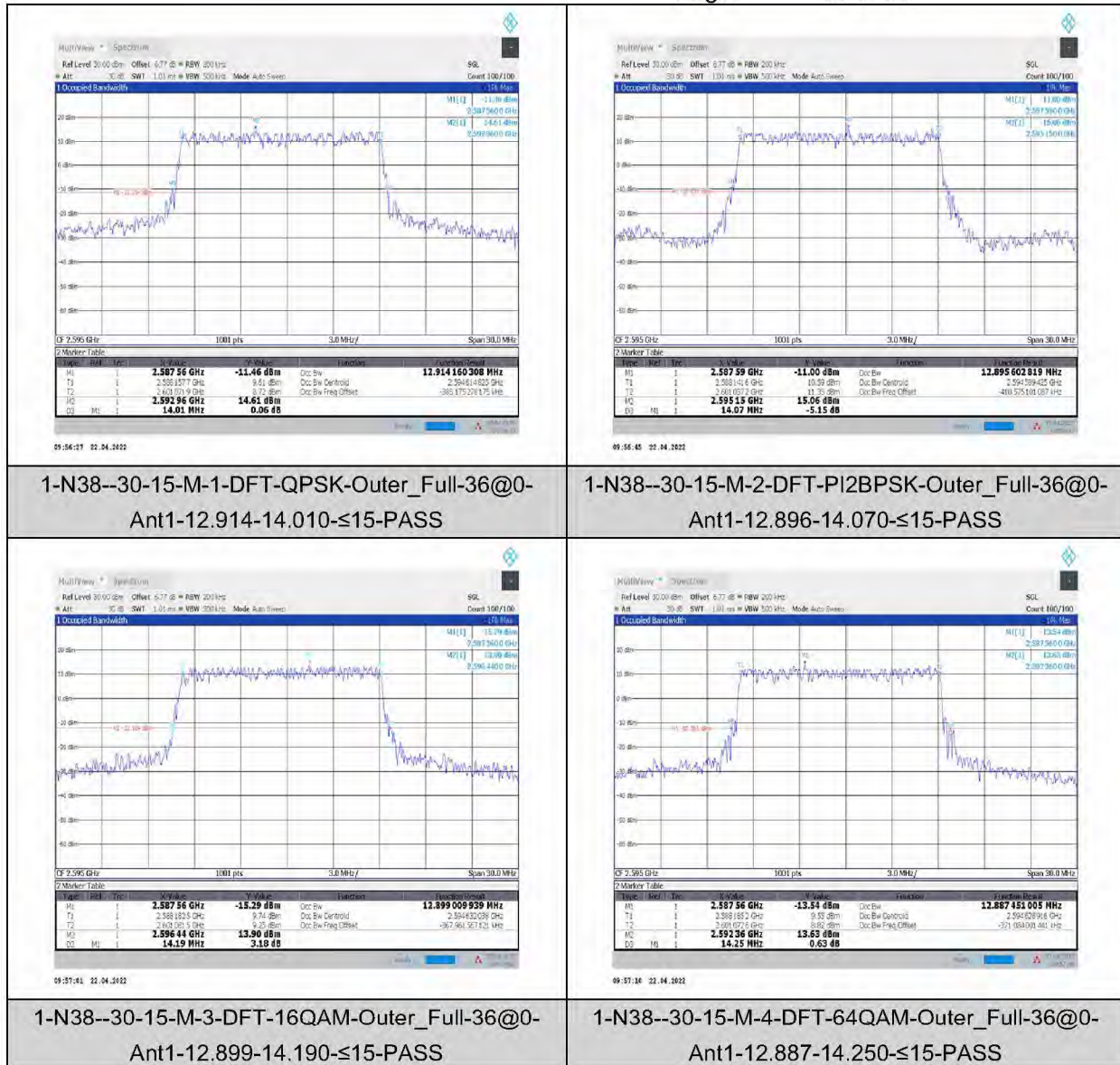
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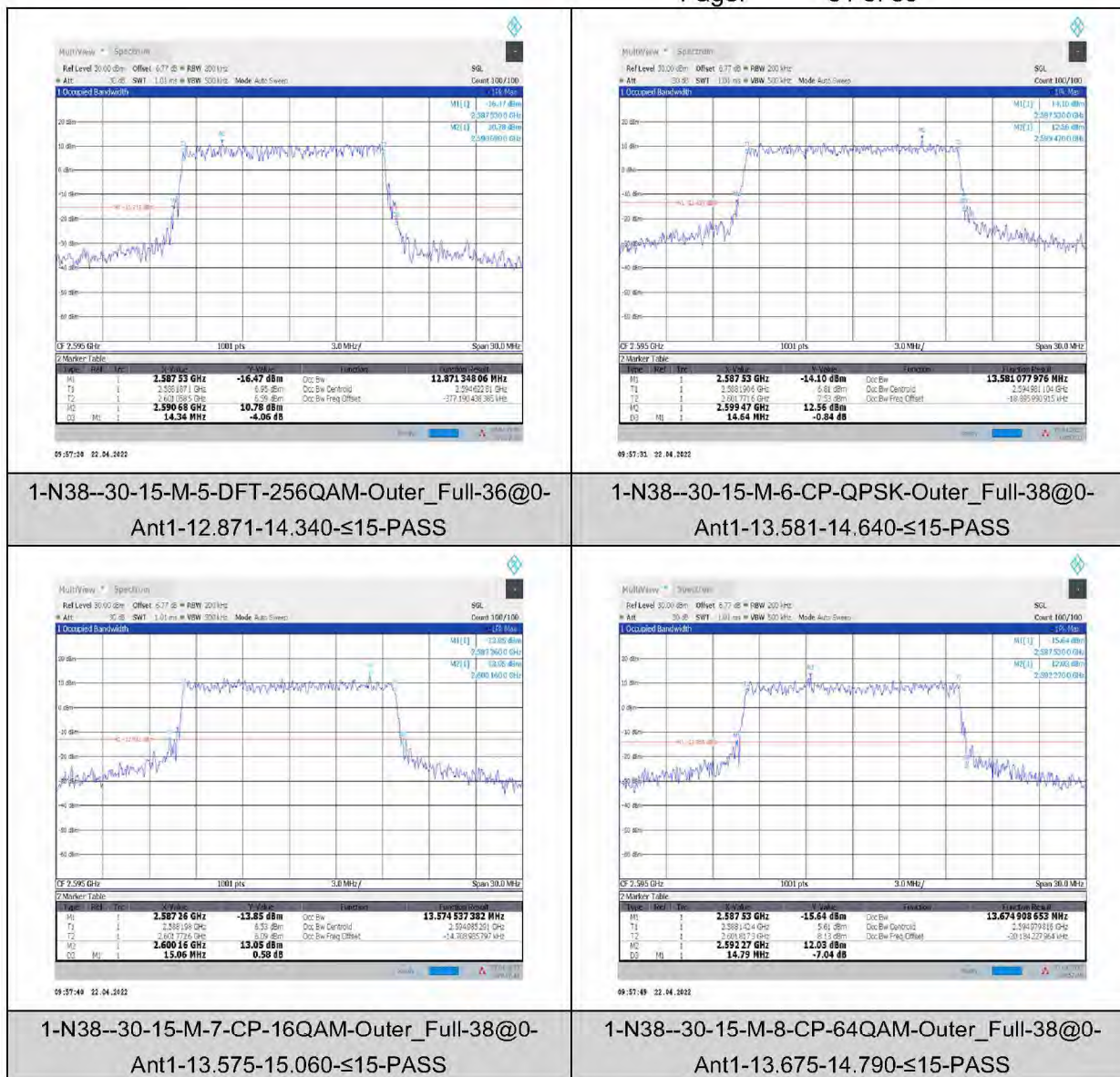
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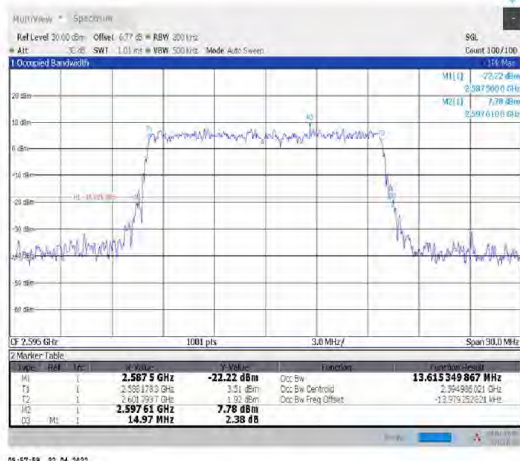


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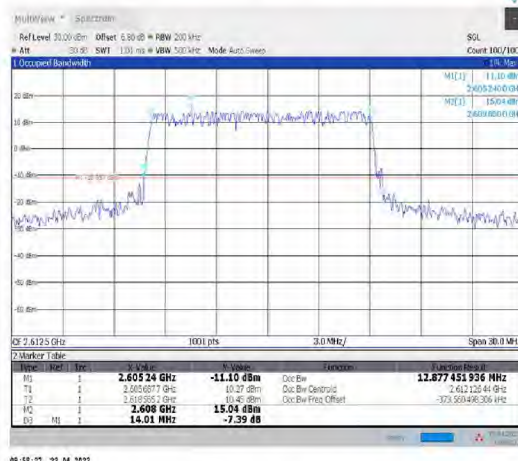
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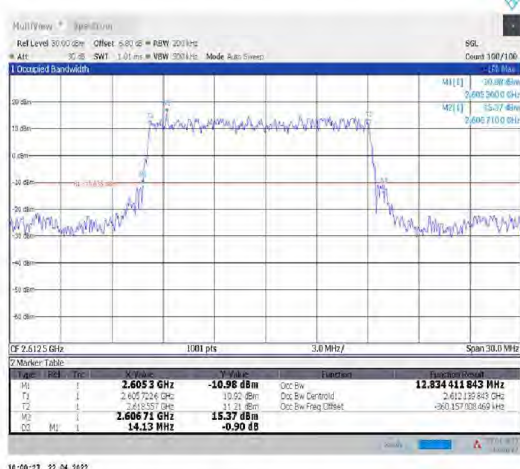
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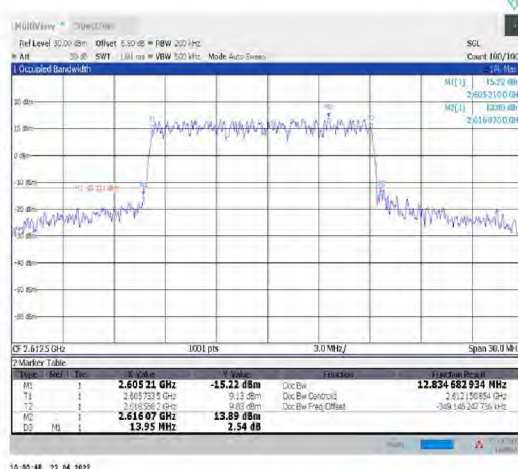
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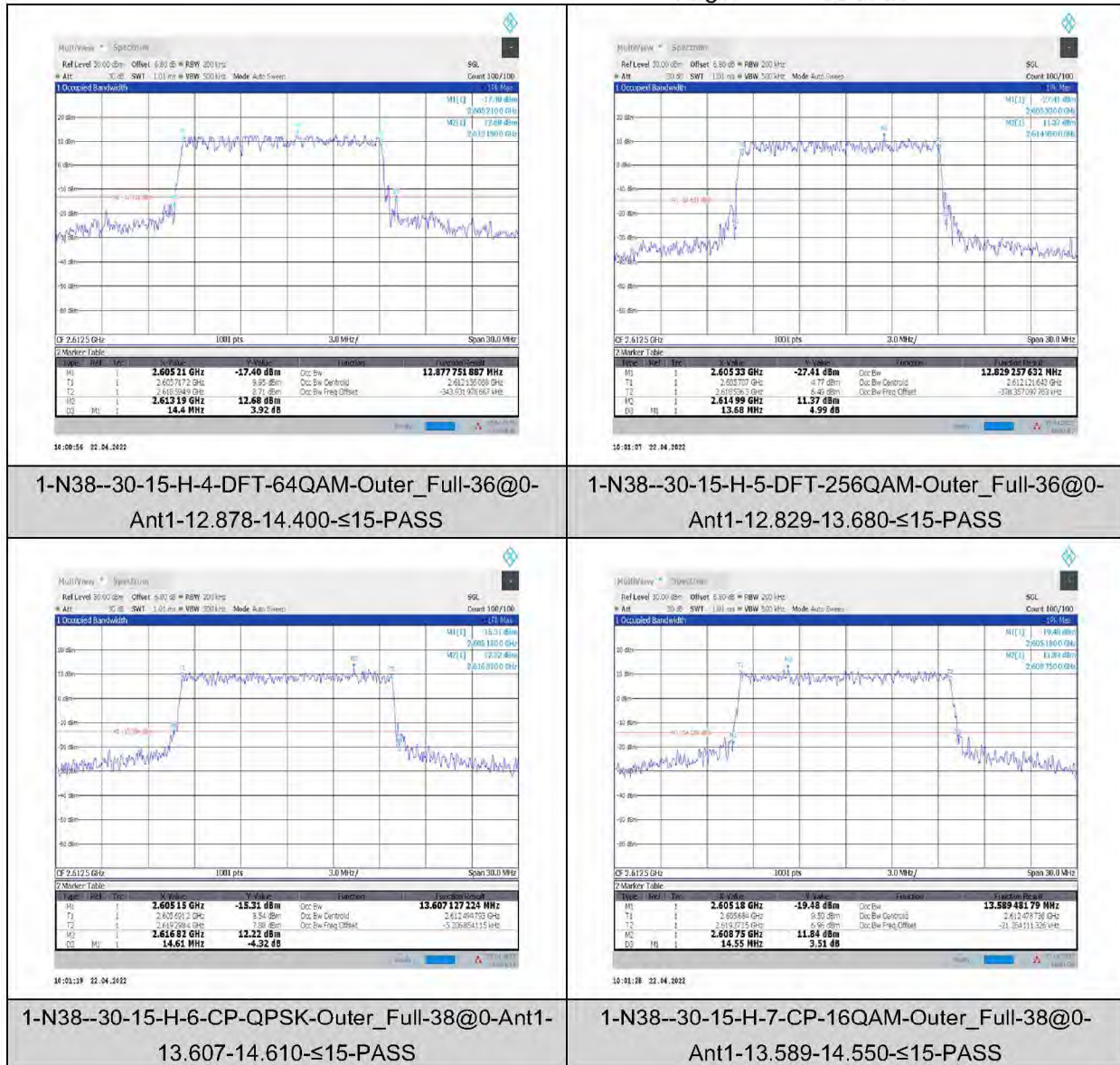
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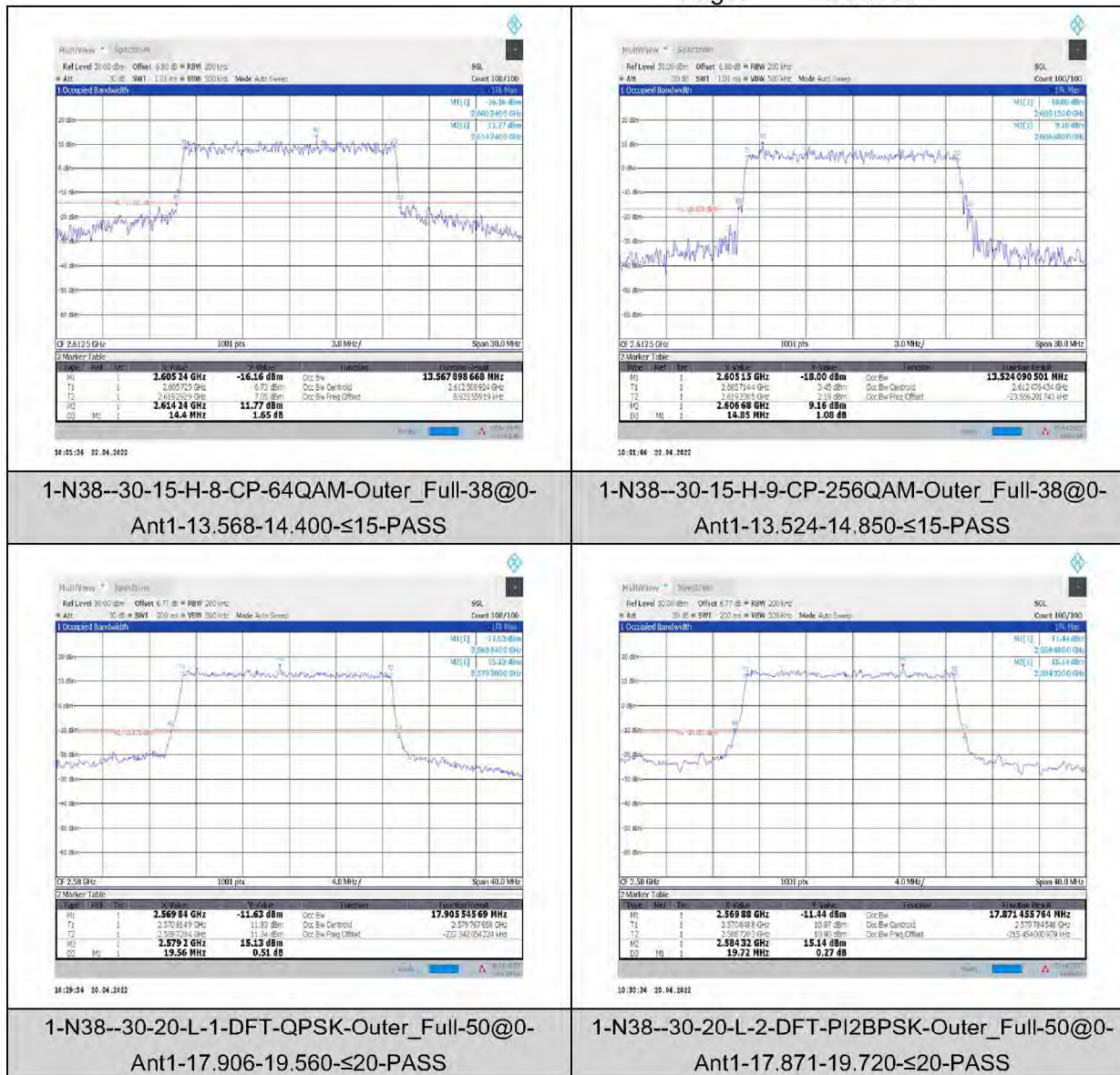
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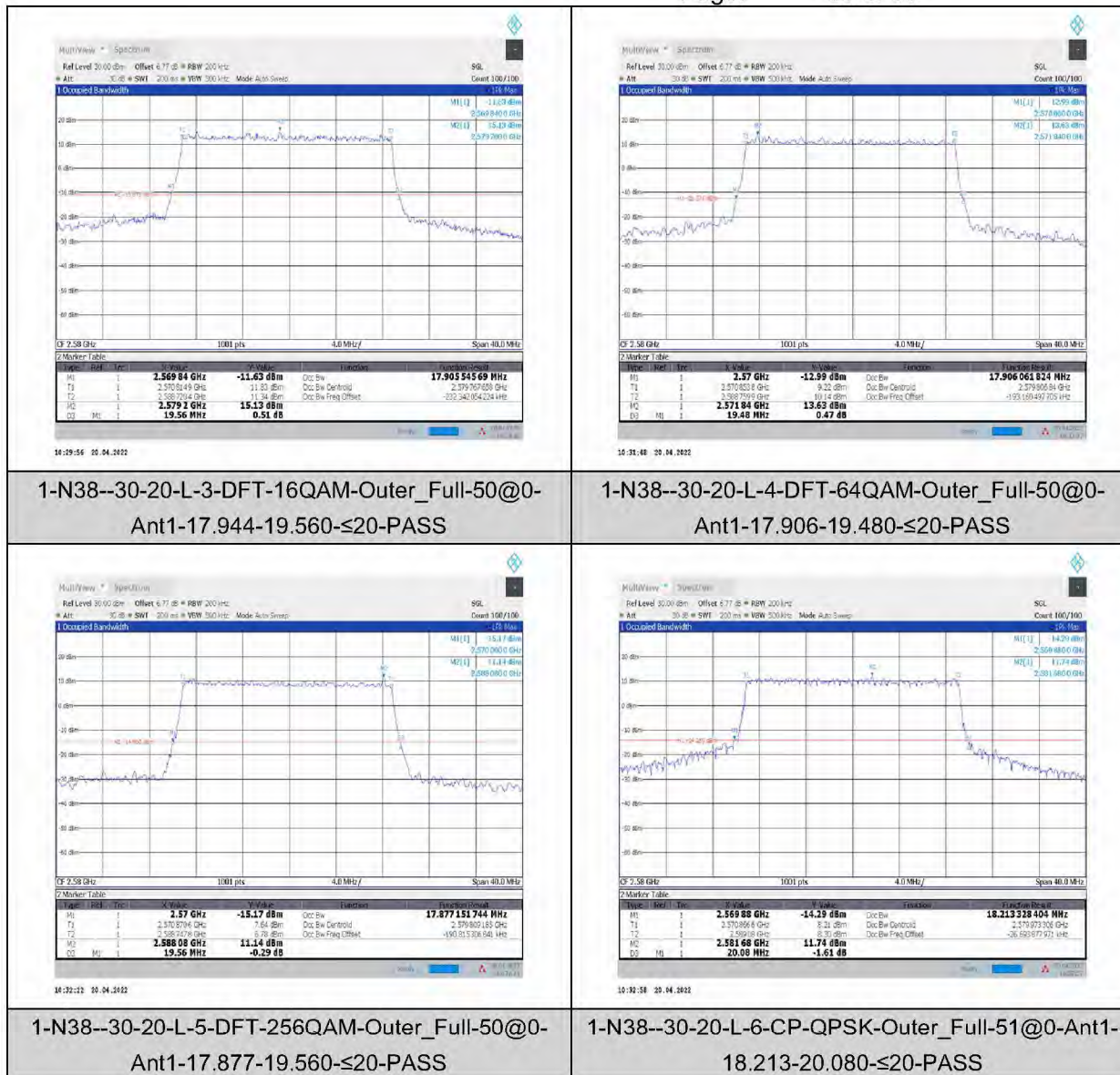
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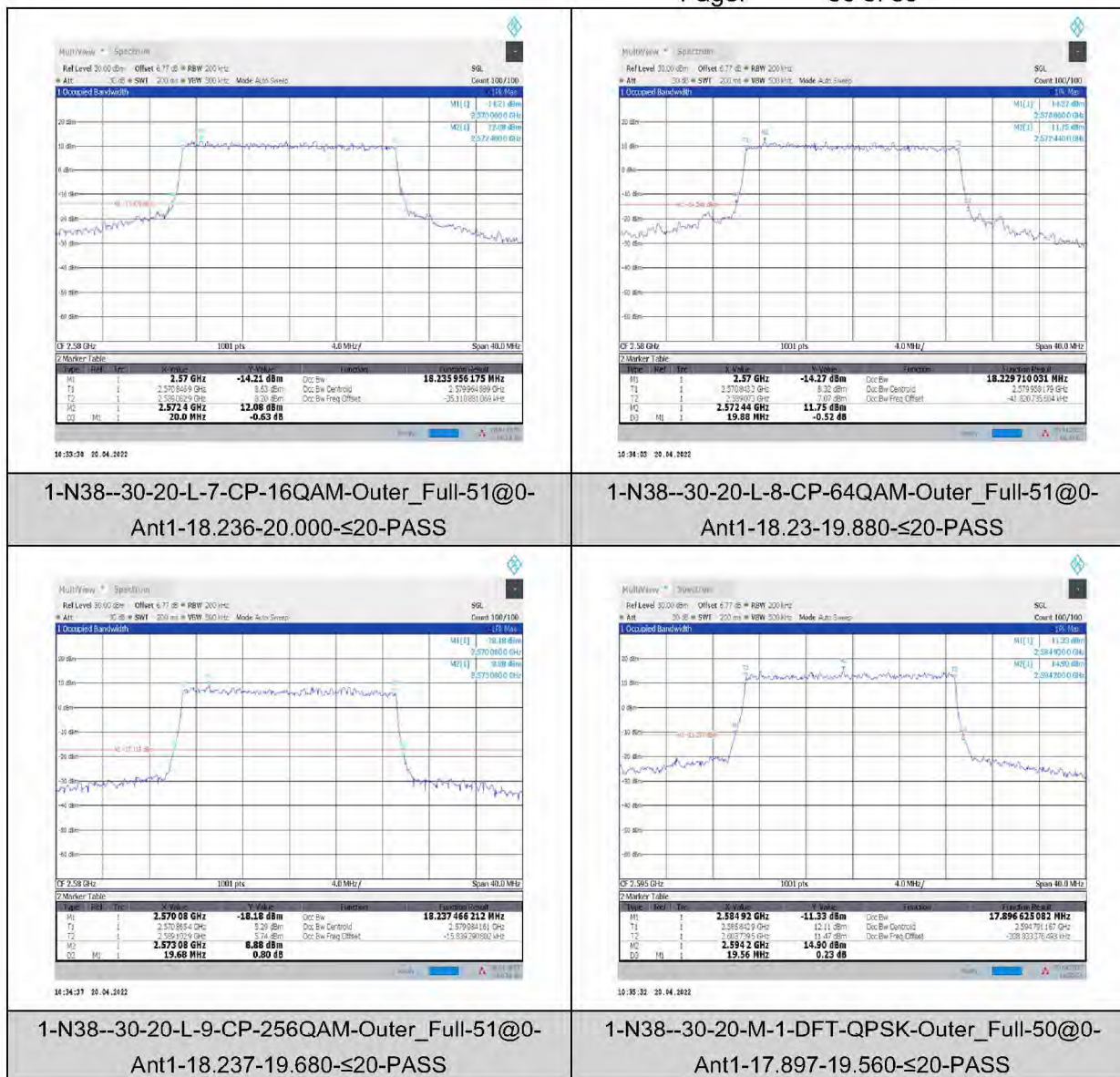
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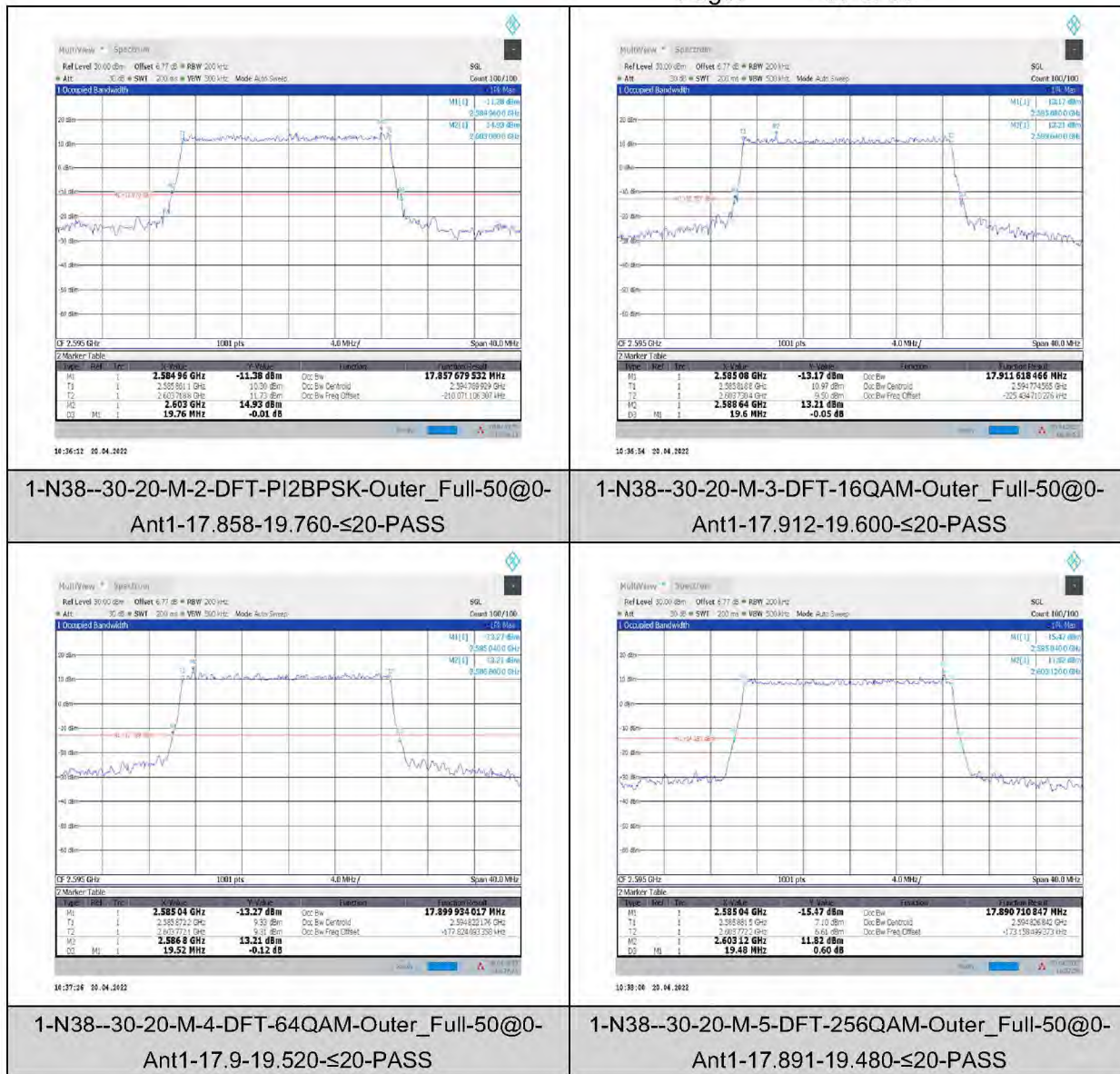
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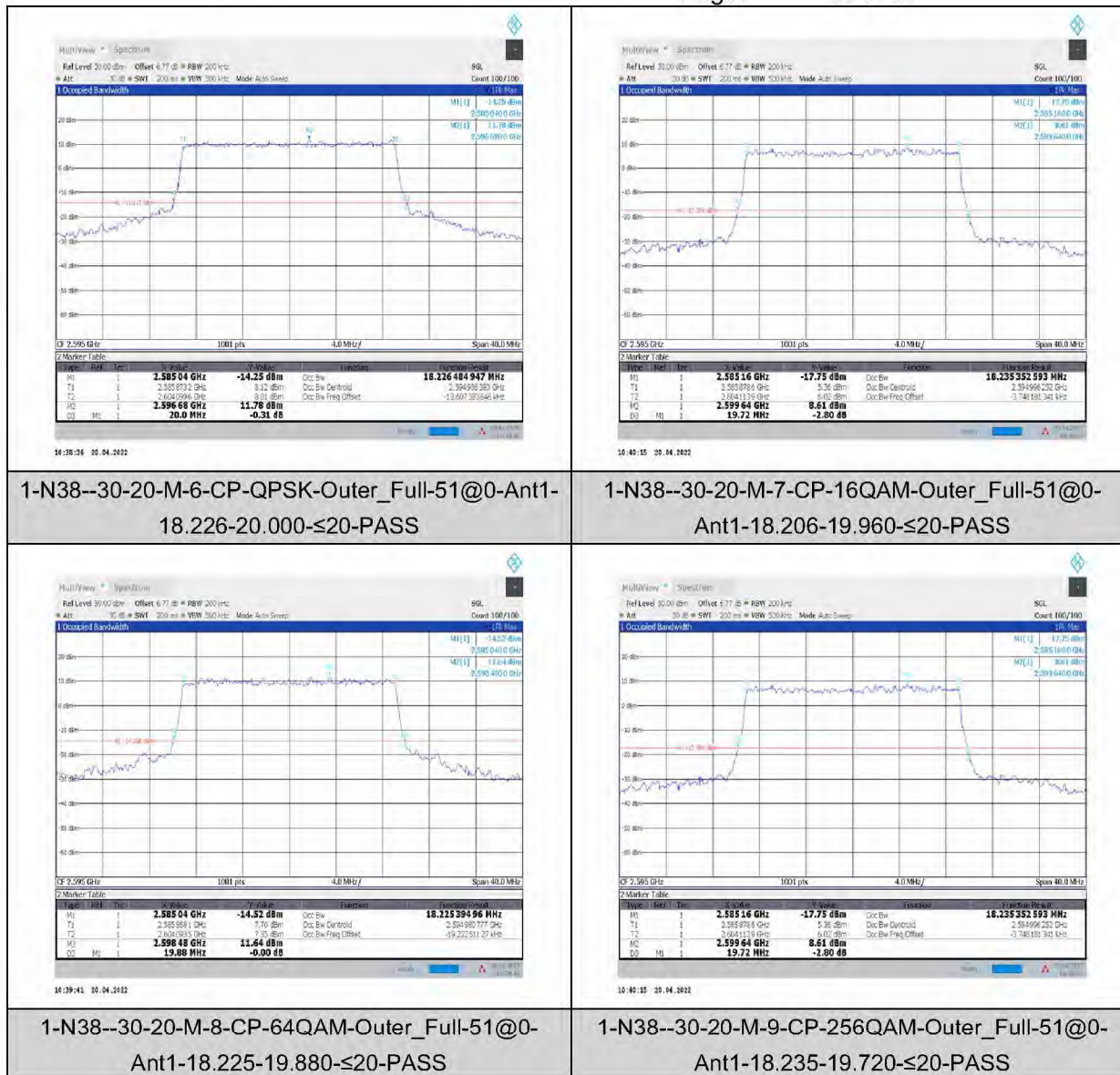
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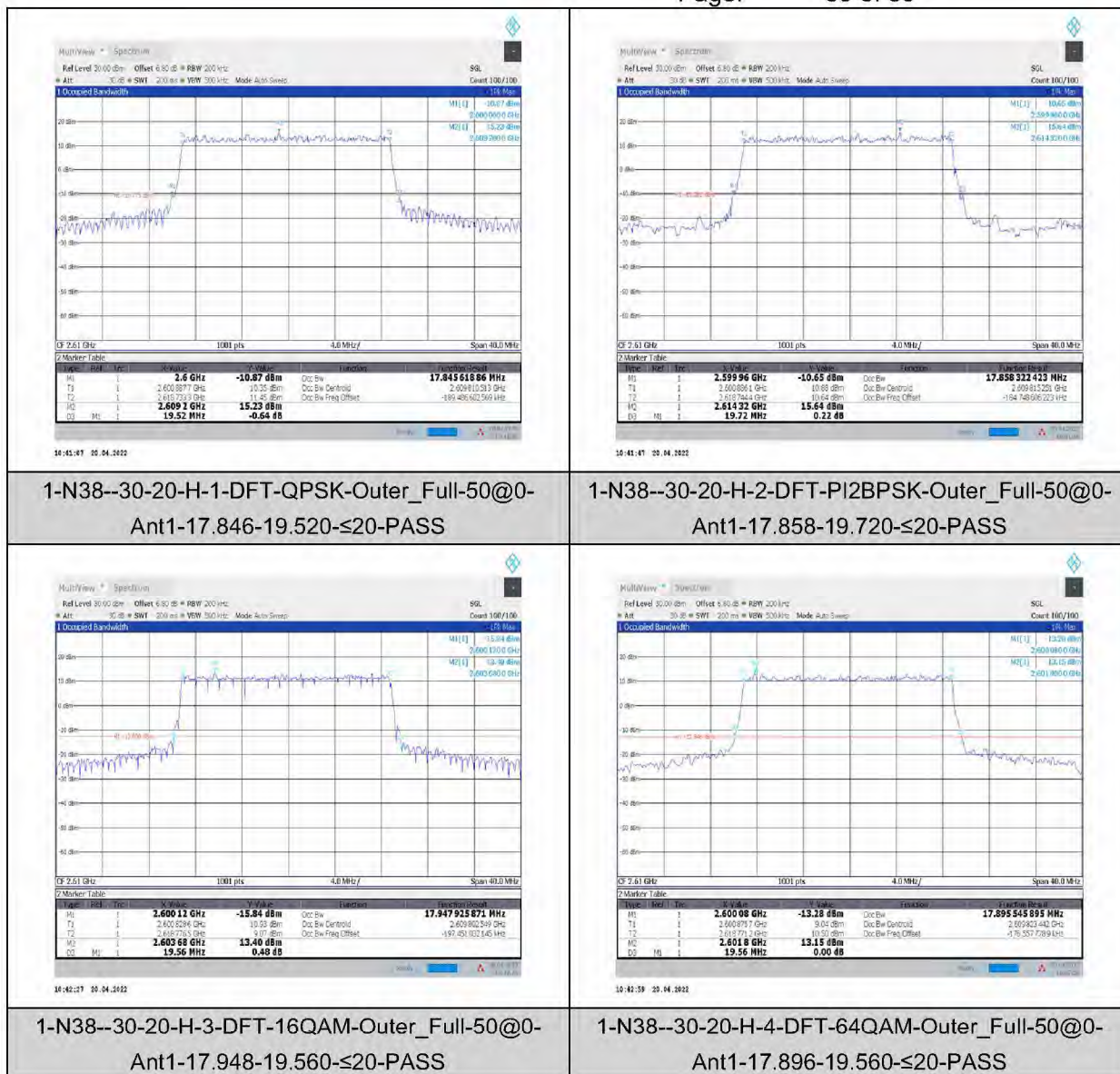
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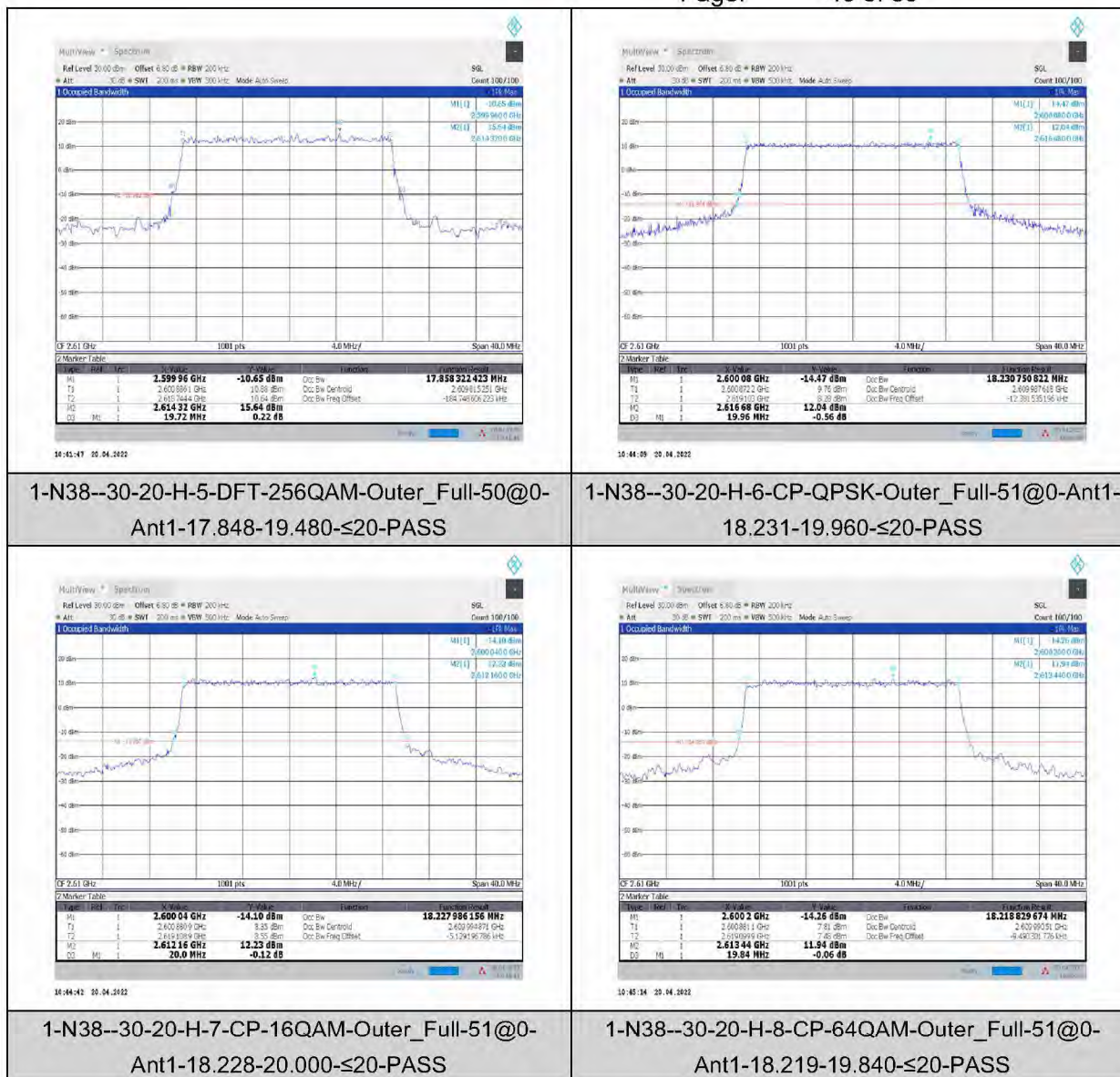
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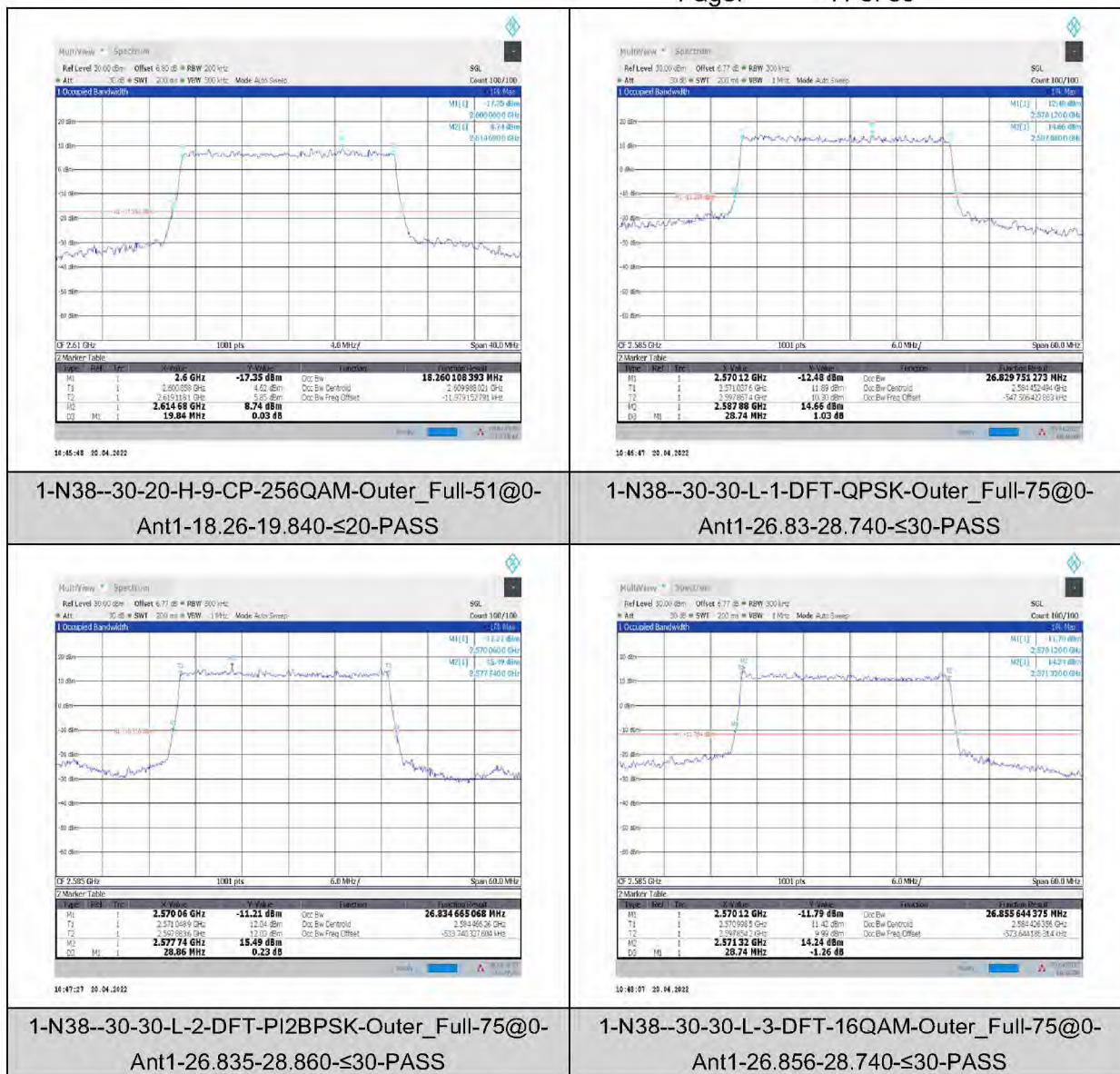
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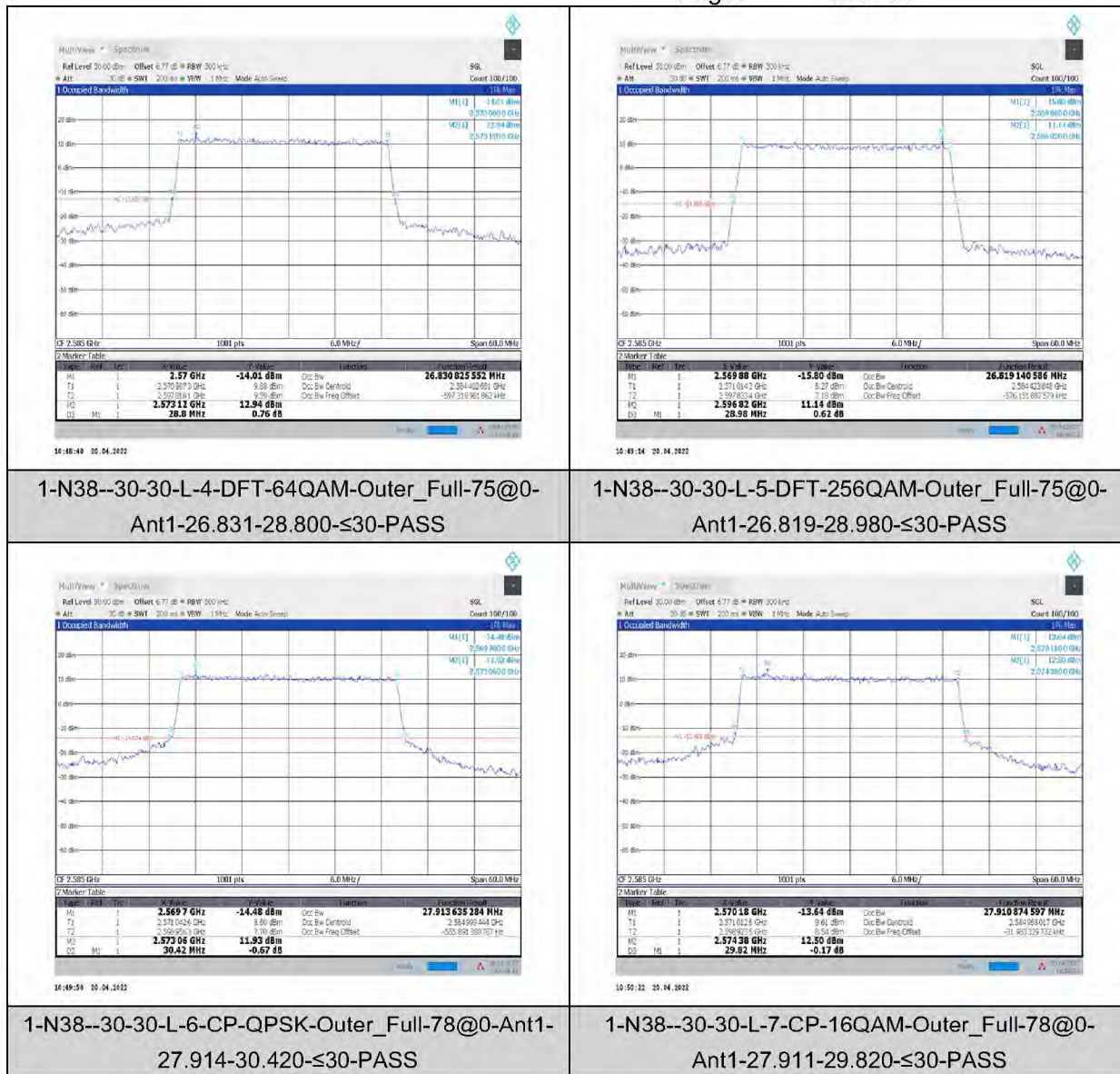
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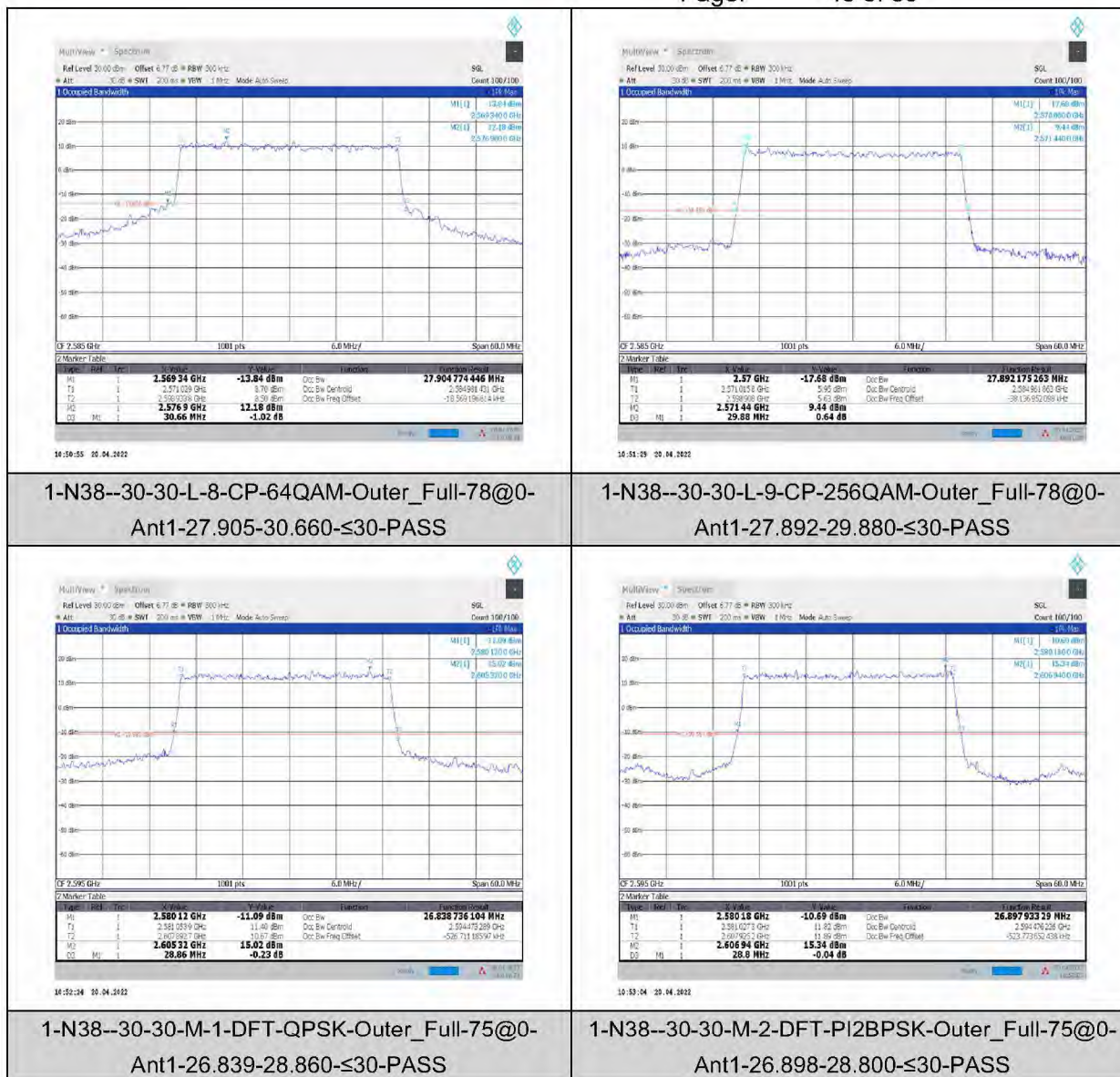
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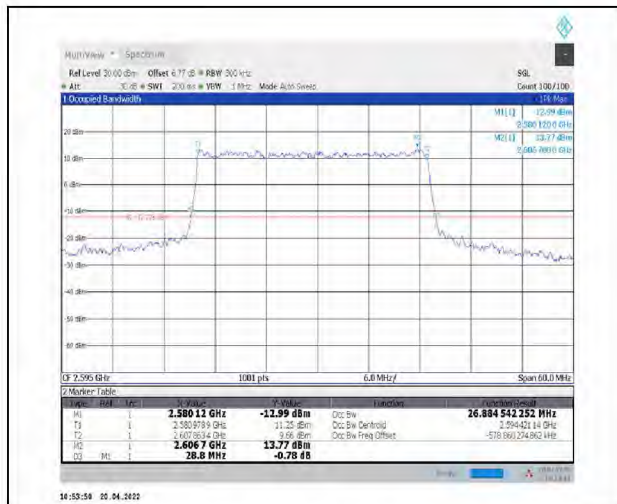
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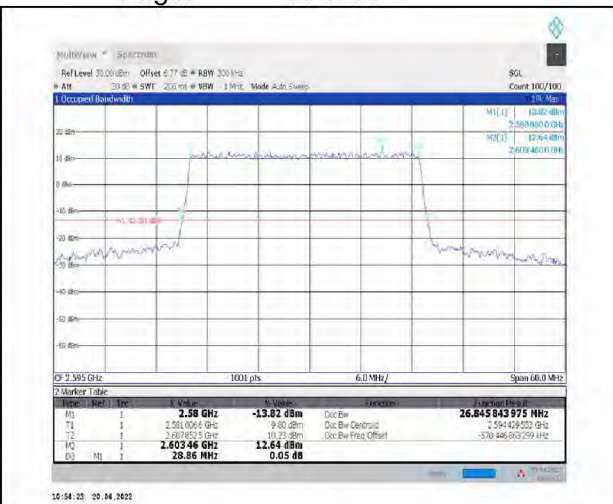
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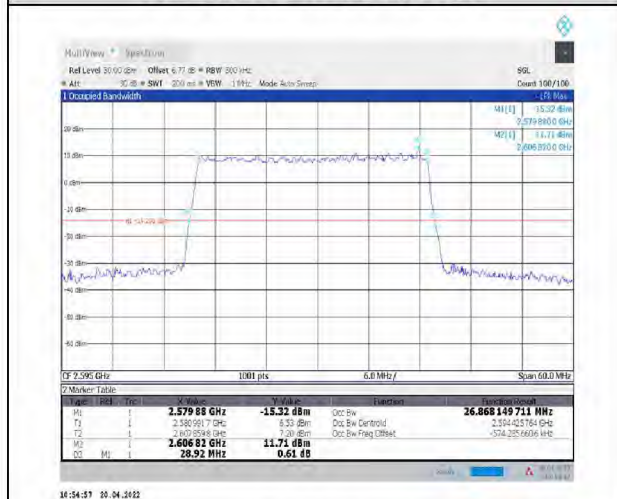
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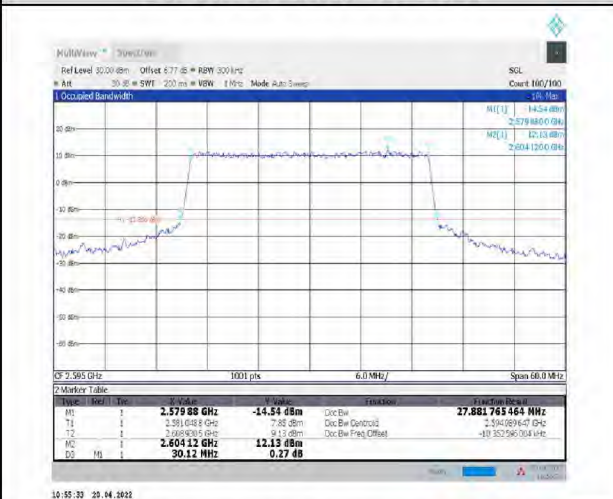
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1-N38--30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.846-28.860-<30-PASS



1-N38--30-30-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.868-28.920-<30-PASS



1-N38--30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.882-30.120-<30-PASS



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