



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Power Class	Verdict
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	18.66	22.01	PC3	PASS
n48	30	20	DFT-BPSK	L	Inner_1RB_Left	19.15	22.50	PC3	PASS
n48	30	20	DFT-BPSK	L	Inner_1RB_Right	19.08	22.43	PC3	PASS
n48	30	20	DFT-BPSK	L	Edge_1RB_Right	18.58	21.93	PC3	PASS
n48	30	20	DFT-BPSK	L	Inner_Full	19.22	22.57	PC3	PASS
n48	30	20	DFT-BPSK	L	Outer_Full	18.81	22.16	PC3	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Left	18.01	21.36	PC3	PASS
n48	30	20	DFT-QPSK	L	Inner_1RB_Left	19.11	22.46	PC3	PASS
n48	30	20	DFT-QPSK	L	Inner_1RB_Right	19.21	22.56	PC3	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Right	18.19	21.54	PC3	PASS
n48	30	20	DFT-QPSK	L	Inner_Full	19.2	22.55	PC3	PASS
n48	30	20	DFT-QPSK	L	Outer_Full	18.16	21.51	PC3	PASS
n48	30	20	DFT-16QAM	L	Edge_1RB_Left	17.16	20.51	PC3	PASS
n48	30	20	DFT-16QAM	L	Inner_1RB_Left	18.04	21.39	PC3	PASS
n48	30	20	DFT-16QAM	L	Inner_1RB_Right	18.04	21.39	PC3	PASS
n48	30	20	DFT-16QAM	L	Edge_1RB_Right	17.1	20.45	PC3	PASS
n48	30	20	DFT-16QAM	L	Inner_Full	18.3	21.65	PC3	PASS
n48	30	20	DFT-16QAM	L	Outer_Full	17.28	20.63	PC3	PASS
n48	30	20	DFT-64QAM	L	Edge_1RB_Left	16.76	20.11	PC3	PASS
n48	30	20	DFT-64QAM	L	Inner_1RB_Left	16.78	20.13	PC3	PASS
n48	30	20	DFT-64QAM	L	Inner_1RB_Right	16.84	20.19	PC3	PASS
n48	30	20	DFT-64QAM	L	Edge_1RB_Right	16.71	20.06	PC3	PASS
n48	30	20	DFT-64QAM	L	Inner_Full	16.65	20.00	PC3	PASS
n48	30	20	DFT-64QAM	L	Outer_Full	16.89	20.24	PC3	PASS
n48	30	20	DFT-256QAM	L	Edge_1RB_Left	14.34	17.69	PC3	PASS
n48	30	20	DFT-256QAM	L	Inner_1RB_Left	14.22	17.57	PC3	PASS
n48	30	20	DFT-256QAM	L	Inner_1RB_Right	14.34	17.69	PC3	PASS
n48	30	20	DFT-256QAM	L	Edge_1RB_Right	14.36	17.71	PC3	PASS
n48	30	20	DFT-256QAM	L	Inner_Full	14.56	17.91	PC3	PASS
n48	30	20	DFT-256QAM	L	Outer_Full	14.61	17.96	PC3	PASS
n48	30	20	CP-QPSK	L	Edge_1RB_Left	16.08	19.43	PC3	PASS
n48	30	20	CP-QPSK	L	Inner_1RB_Left	17.62	20.97	PC3	PASS
n48	30	20	CP-QPSK	L	Inner_1RB_Right	17.68	21.03	PC3	PASS
n48	30	20	CP-QPSK	L	Edge_1RB_Right	16.19	19.54	PC3	PASS
n48	30	20	CP-QPSK	L	Inner_Full	17.64	20.99	PC3	PASS
n48	30	20	CP-QPSK	L	Outer_Full	16.16	19.51	PC3	PASS



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n48	30	20	DFT-BPSK	M	Edge_1RB_Left	18.54	21.89	PC3	PASS
n48	30	20	DFT-BPSK	M	Inner_1RB_Left	19.02	22.37	PC3	PASS
n48	30	20	DFT-BPSK	M	Inner_1RB_Right	18.97	22.32	PC3	PASS
n48	30	20	DFT-BPSK	M	Edge_1RB_Right	18.42	21.77	PC3	PASS
n48	30	20	DFT-BPSK	M	Inner_Full	19.1	22.45	PC3	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	18.85	22.20	PC3	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Left	18.11	21.46	PC3	PASS
n48	30	20	DFT-QPSK	M	Inner_1RB_Left	18.97	22.32	PC3	PASS
n48	30	20	DFT-QPSK	M	Inner_1RB_Right	19.07	22.42	PC3	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Right	18.15	21.50	PC3	PASS
n48	30	20	DFT-QPSK	M	Inner_Full	19.14	22.49	PC3	PASS
n48	30	20	DFT-QPSK	M	Outer_Full	18.01	21.36	PC3	PASS
n48	30	20	DFT-16QAM	M	Edge_1RB_Left	17.21	20.56	PC3	PASS
n48	30	20	DFT-16QAM	M	Inner_1RB_Left	18.17	21.52	PC3	PASS
n48	30	20	DFT-16QAM	M	Inner_1RB_Right	18.2	21.55	PC3	PASS
n48	30	20	DFT-16QAM	M	Edge_1RB_Right	17.13	20.48	PC3	PASS
n48	30	20	DFT-16QAM	M	Inner_Full	18.3	21.65	PC3	PASS
n48	30	20	DFT-16QAM	M	Outer_Full	17.18	20.53	PC3	PASS
n48	30	20	DFT-64QAM	M	Edge_1RB_Left	16.68	20.03	PC3	PASS
n48	30	20	DFT-64QAM	M	Inner_1RB_Left	16.67	20.02	PC3	PASS
n48	30	20	DFT-64QAM	M	Inner_1RB_Right	16.73	20.08	PC3	PASS
n48	30	20	DFT-64QAM	M	Edge_1RB_Right	16.64	19.99	PC3	PASS
n48	30	20	DFT-64QAM	M	Inner_Full	16.8	20.15	PC3	PASS
n48	30	20	DFT-64QAM	M	Outer_Full	16.76	20.11	PC3	PASS
n48	30	20	DFT-256QAM	M	Edge_1RB_Left	14.3	17.65	PC3	PASS
n48	30	20	DFT-256QAM	M	Inner_1RB_Left	14.49	17.84	PC3	PASS
n48	30	20	DFT-256QAM	M	Inner_1RB_Right	14.31	17.66	PC3	PASS
n48	30	20	DFT-256QAM	M	Edge_1RB_Right	14.4	17.75	PC3	PASS
n48	30	20	DFT-256QAM	M	Inner_Full	14.9	18.25	PC3	PASS
n48	30	20	DFT-256QAM	M	Outer_Full	14.84	18.19	PC3	PASS
n48	30	20	CP-QPSK	M	Edge_1RB_Left	16.03	19.38	PC3	PASS
n48	30	20	CP-QPSK	M	Inner_1RB_Left	17.78	21.13	PC3	PASS
n48	30	20	CP-QPSK	M	Inner_1RB_Right	17.75	21.10	PC3	PASS
n48	30	20	CP-QPSK	M	Edge_1RB_Right	16.13	19.48	PC3	PASS
n48	30	20	CP-QPSK	M	Inner_Full	17.8	21.15	PC3	PASS
n48	30	20	CP-QPSK	M	Outer_Full	16.22	19.57	PC3	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Left	18.84	22.19	PC3	PASS
n48	30	20	DFT-BPSK	H	Inner_1RB_Left	19.32	22.67	PC3	PASS
n48	30	20	DFT-BPSK	H	Inner_1RB_Right	19.31	22.66	PC3	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Right	18.82	22.17	PC3	PASS
n48	30	20	DFT-BPSK	H	Inner_Full	19.45	22.80	PC3	PASS
n48	30	20	DFT-BPSK	H	Outer_Full	18.9	22.25	PC3	PASS



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n48	30	20	DFT-QPSK	H	Edge_1RB_Left	18.22	21.57	PC3	PASS
n48	30	20	DFT-QPSK	H	Inner_1RB_Left	19.35	22.70	PC3	PASS
n48	30	20	DFT-QPSK	H	Inner_1RB_Right	19.22	22.57	PC3	PASS
n48	30	20	DFT-QPSK	H	Edge_1RB_Right	18.28	21.63	PC3	PASS
n48	30	20	DFT-QPSK	H	Inner_Full	19.46	22.81	PC3	PASS
n48	30	20	DFT-QPSK	H	Outer_Full	18.48	21.83	PC3	PASS
n48	30	20	DFT-16QAM	H	Edge_1RB_Left	17.34	20.69	PC3	PASS
n48	30	20	DFT-16QAM	H	Inner_1RB_Left	18.23	21.58	PC3	PASS
n48	30	20	DFT-16QAM	H	Inner_1RB_Right	18.21	21.56	PC3	PASS
n48	30	20	DFT-16QAM	H	Edge_1RB_Right	17.32	20.67	PC3	PASS
n48	30	20	DFT-16QAM	H	Inner_Full	18.46	21.81	PC3	PASS
n48	30	20	DFT-16QAM	H	Outer_Full	17.34	20.69	PC3	PASS
n48	30	20	DFT-64QAM	H	Edge_1RB_Left	17	20.35	PC3	PASS
n48	30	20	DFT-64QAM	H	Inner_1RB_Left	17.01	20.36	PC3	PASS
n48	30	20	DFT-64QAM	H	Inner_1RB_Right	16.96	20.31	PC3	PASS
n48	30	20	DFT-64QAM	H	Edge_1RB_Right	16.87	20.22	PC3	PASS
n48	30	20	DFT-64QAM	H	Inner_Full	16.92	20.27	PC3	PASS
n48	30	20	DFT-64QAM	H	Outer_Full	16.98	20.33	PC3	PASS
n48	30	20	DFT-256QAM	H	Edge_1RB_Left	14.49	17.84	PC3	PASS
n48	30	20	DFT-256QAM	H	Inner_1RB_Left	14.51	17.86	PC3	PASS
n48	30	20	DFT-256QAM	H	Inner_1RB_Right	14.46	17.81	PC3	PASS
n48	30	20	DFT-256QAM	H	Edge_1RB_Right	14.46	17.81	PC3	PASS
n48	30	20	DFT-256QAM	H	Inner_Full	14.84	18.19	PC3	PASS
n48	30	20	DFT-256QAM	H	Outer_Full	14.82	18.17	PC3	PASS
n48	30	20	CP-QPSK	H	Edge_1RB_Left	16.43	19.78	PC3	PASS
n48	30	20	CP-QPSK	H	Inner_1RB_Left	17.8	21.15	PC3	PASS
n48	30	20	CP-QPSK	H	Inner_1RB_Right	17.91	21.26	PC3	PASS
n48	30	20	CP-QPSK	H	Edge_1RB_Right	16.27	19.62	PC3	PASS
n48	30	20	CP-QPSK	H	Inner_Full	17.89	21.24	PC3	PASS
n48	30	20	CP-QPSK	H	Outer_Full	16.3	19.65	PC3	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	19.13	22.48	PC3	PASS
n48	30	40	DFT-BPSK	L	Inner_1RB_Left	19.64	22.99	PC3	PASS
n48	30	40	DFT-BPSK	L	Inner_1RB_Right	19.39	22.74	PC3	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Right	18.8	22.15	PC3	PASS
n48	30	40	DFT-BPSK	L	Inner_Full	19.61	22.96	PC3	PASS
n48	30	40	DFT-BPSK	L	Outer_Full	19.1	22.45	PC3	PASS
n48	30	40	DFT-QPSK	L	Edge_1RB_Left	18.64	21.99	PC3	PASS
n48	30	40	DFT-QPSK	L	Inner_1RB_Left	19.6	22.95	PC3	PASS
n48	30	40	DFT-QPSK	L	Inner_1RB_Right	19.28	22.63	PC3	PASS
n48	30	40	DFT-QPSK	L	Edge_1RB_Right	18.38	21.73	PC3	PASS
n48	30	40	DFT-QPSK	L	Inner_Full	19.42	22.77	PC3	PASS
n48	30	40	DFT-QPSK	L	Outer_Full	18.47	21.82	PC3	PASS



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n48	30	40	DFT-16QAM	L	Edge_1RB_Left	17.66	21.01	PC3	PASS
n48	30	40	DFT-16QAM	L	Inner_1RB_Left	18.52	21.87	PC3	PASS
n48	30	40	DFT-16QAM	L	Inner_1RB_Right	18.32	21.67	PC3	PASS
n48	30	40	DFT-16QAM	L	Edge_1RB_Right	17.34	20.69	PC3	PASS
n48	30	40	DFT-16QAM	L	Inner_Full	18.49	21.84	PC3	PASS
n48	30	40	DFT-16QAM	L	Outer_Full	17.42	20.77	PC3	PASS
n48	30	40	DFT-64QAM	L	Edge_1RB_Left	17.06	20.41	PC3	PASS
n48	30	40	DFT-64QAM	L	Inner_1RB_Left	17.14	20.49	PC3	PASS
n48	30	40	DFT-64QAM	L	Inner_1RB_Right	16.83	20.18	PC3	PASS
n48	30	40	DFT-64QAM	L	Edge_1RB_Right	16.92	20.27	PC3	PASS
n48	30	40	DFT-64QAM	L	Inner_Full	17.14	20.49	PC3	PASS
n48	30	40	DFT-64QAM	L	Outer_Full	17.07	20.42	PC3	PASS
n48	30	40	DFT-256QAM	L	Edge_1RB_Left	14.75	18.10	PC3	PASS
n48	30	40	DFT-256QAM	L	Inner_1RB_Left	14.83	18.18	PC3	PASS
n48	30	40	DFT-256QAM	L	Inner_1RB_Right	14.4	17.75	PC3	PASS
n48	30	40	DFT-256QAM	L	Edge_1RB_Right	14.57	17.92	PC3	PASS
n48	30	40	DFT-256QAM	L	Inner_Full	14.93	18.28	PC3	PASS
n48	30	40	DFT-256QAM	L	Outer_Full	14.96	18.31	PC3	PASS
n48	30	40	CP-QPSK	L	Edge_1RB_Left	16.62	19.97	PC3	PASS
n48	30	40	CP-QPSK	L	Inner_1RB_Left	18.28	21.63	PC3	PASS
n48	30	40	CP-QPSK	L	Inner_1RB_Right	17.88	21.23	PC3	PASS
n48	30	40	CP-QPSK	L	Edge_1RB_Right	16.36	19.71	PC3	PASS
n48	30	40	CP-QPSK	L	Inner_Full	18.04	21.39	PC3	PASS
n48	30	40	CP-QPSK	L	Outer_Full	16.43	19.78	PC3	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Left	18.82	22.17	PC3	PASS
n48	30	40	DFT-BPSK	M	Inner_1RB_Left	19.39	22.74	PC3	PASS
n48	30	40	DFT-BPSK	M	Inner_1RB_Right	19.4	22.75	PC3	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Right	18.91	22.26	PC3	PASS
n48	30	40	DFT-BPSK	M	Inner_Full	19.32	22.67	PC3	PASS
n48	30	40	DFT-BPSK	M	Outer_Full	18.9	22.25	PC3	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Left	18.38	21.73	PC3	PASS
n48	30	40	DFT-QPSK	M	Inner_1RB_Left	19.37	22.72	PC3	PASS
n48	30	40	DFT-QPSK	M	Inner_1RB_Right	19.35	22.70	PC3	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Right	18.36	21.71	PC3	PASS
n48	30	40	DFT-QPSK	M	Inner_Full	19.38	22.73	PC3	PASS
n48	30	40	DFT-QPSK	M	Outer_Full	18.41	21.76	PC3	PASS
n48	30	40	DFT-16QAM	M	Edge_1RB_Left	17.35	20.70	PC3	PASS
n48	30	40	DFT-16QAM	M	Inner_1RB_Left	18.21	21.56	PC3	PASS
n48	30	40	DFT-16QAM	M	Inner_1RB_Right	18.22	21.57	PC3	PASS
n48	30	40	DFT-16QAM	M	Edge_1RB_Right	17.45	20.80	PC3	PASS
n48	30	40	DFT-16QAM	M	Inner_Full	18.28	21.63	PC3	PASS
n48	30	40	DFT-16QAM	M	Outer_Full	17.41	20.76	PC3	PASS



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n48	30	40	DFT-64QAM	M	Edge_1RB_Left	16.94	20.29	PC3	PASS
n48	30	40	DFT-64QAM	M	Inner_1RB_Left	16.84	20.19	PC3	PASS
n48	30	40	DFT-64QAM	M	Inner_1RB_Right	16.83	20.18	PC3	PASS
n48	30	40	DFT-64QAM	M	Edge_1RB_Right	16.92	20.27	PC3	PASS
n48	30	40	DFT-64QAM	M	Inner_Full	16.94	20.29	PC3	PASS
n48	30	40	DFT-64QAM	M	Outer_Full	16.88	20.23	PC3	PASS
n48	30	40	DFT-256QAM	M	Edge_1RB_Left	14.55	17.90	PC3	PASS
n48	30	40	DFT-256QAM	M	Inner_1RB_Left	14.51	17.86	PC3	PASS
n48	30	40	DFT-256QAM	M	Inner_1RB_Right	14.52	17.87	PC3	PASS
n48	30	40	DFT-256QAM	M	Edge_1RB_Right	14.41	17.76	PC3	PASS
n48	30	40	DFT-256QAM	M	Inner_Full	14.83	18.18	PC3	PASS
n48	30	40	DFT-256QAM	M	Outer_Full	14.86	18.21	PC3	PASS
n48	30	40	CP-QPSK	M	Edge_1RB_Left	16.38	19.73	PC3	PASS
n48	30	40	CP-QPSK	M	Inner_1RB_Left	17.98	21.33	PC3	PASS
n48	30	40	CP-QPSK	M	Inner_1RB_Right	17.78	21.13	PC3	PASS
n48	30	40	CP-QPSK	M	Edge_1RB_Right	16.48	19.83	PC3	PASS
n48	30	40	CP-QPSK	M	Inner_Full	17.75	21.10	PC3	PASS
n48	30	40	CP-QPSK	M	Outer_Full	16.34	19.69	PC3	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Left	19.08	22.43	PC3	PASS
n48	30	40	DFT-BPSK	H	Inner_1RB_Left	19.66	23.01	PC3	PASS
n48	30	40	DFT-BPSK	H	Inner_1RB_Right	19.39	22.74	PC3	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Right	18.89	22.24	PC3	PASS
n48	30	40	DFT-BPSK	H	Inner_Full	19.56	22.91	PC3	PASS
n48	30	40	DFT-BPSK	H	Outer_Full	19.12	22.47	PC3	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Left	18.61	21.96	PC3	PASS
n48	30	40	DFT-QPSK	H	Inner_1RB_Left	19.6	22.95	PC3	PASS
n48	30	40	DFT-QPSK	H	Inner_1RB_Right	19.41	22.76	PC3	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Right	18.42	21.77	PC3	PASS
n48	30	40	DFT-QPSK	H	Inner_Full	19.59	22.94	PC3	PASS
n48	30	40	DFT-QPSK	H	Outer_Full	18.51	21.86	PC3	PASS
n48	30	40	DFT-16QAM	H	Edge_1RB_Left	17.67	21.02	PC3	PASS
n48	30	40	DFT-16QAM	H	Inner_1RB_Left	18.44	21.79	PC3	PASS
n48	30	40	DFT-16QAM	H	Inner_1RB_Right	18.27	21.62	PC3	PASS
n48	30	40	DFT-16QAM	H	Edge_1RB_Right	17.49	20.84	PC3	PASS
n48	30	40	DFT-16QAM	H	Inner_Full	18.56	21.91	PC3	PASS
n48	30	40	DFT-16QAM	H	Outer_Full	17.53	20.88	PC3	PASS
n48	30	40	DFT-64QAM	H	Edge_1RB_Left	17.03	20.38	PC3	PASS
n48	30	40	DFT-64QAM	H	Inner_1RB_Left	16.97	20.32	PC3	PASS
n48	30	40	DFT-64QAM	H	Inner_1RB_Right	16.87	20.22	PC3	PASS
n48	30	40	DFT-64QAM	H	Edge_1RB_Right	16.87	20.22	PC3	PASS
n48	30	40	DFT-64QAM	H	Inner_Full	17.17	20.52	PC3	PASS
n48	30	40	DFT-64QAM	H	Outer_Full	16.96	20.31	PC3	PASS



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n48	30	40	DFT-256QAM	H	Edge_1RB_Left	14.83	18.18	PC3	PASS
n48	30	40	DFT-256QAM	H	Inner_1RB_Left	14.76	18.11	PC3	PASS
n48	30	40	DFT-256QAM	H	Inner_1RB_Right	14.55	17.90	PC3	PASS
n48	30	40	DFT-256QAM	H	Edge_1RB_Right	14.63	17.98	PC3	PASS
n48	30	40	DFT-256QAM	H	Inner_Full	15.02	18.37	PC3	PASS
n48	30	40	DFT-256QAM	H	Outer_Full	14.99	18.34	PC3	PASS
n48	30	40	CP-QPSK	H	Edge_1RB_Left	16.66	20.01	PC3	PASS
n48	30	40	CP-QPSK	H	Inner_1RB_Left	17.95	21.30	PC3	PASS
n48	30	40	CP-QPSK	H	Inner_1RB_Right	18.04	21.39	PC3	PASS
n48	30	40	CP-QPSK	H	Edge_1RB_Right	16.48	19.83	PC3	PASS
n48	30	40	CP-QPSK	H	Inner_Full	18.05	21.40	PC3	PASS
n48	30	40	CP-QPSK	H	Outer_Full	16.55	19.90	PC3	PASS



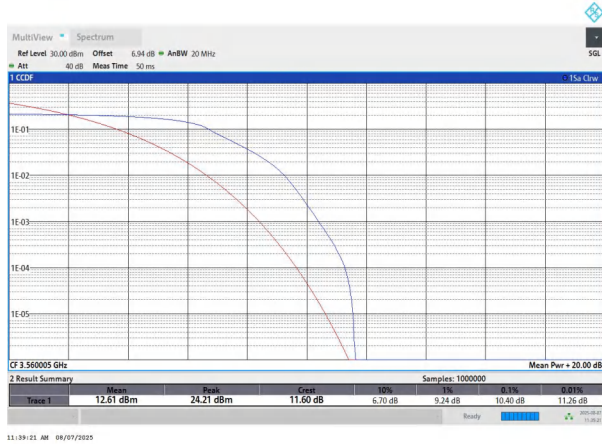
Appendix B: Peak-to-Average Ratio

Test Result

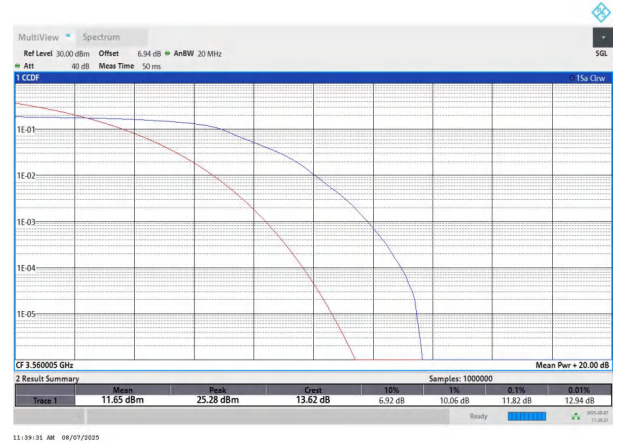
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result(dB)	Limit(dB)	Verdict
n48	30	20	DFT-BPSK	L	Outer_Full	10.4	≤13dB	PASS
n48	30	20	DFT-QPSK	L	Outer_Full	11.82	≤13dB	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	10.62	≤13dB	PASS
n48	30	20	DFT-QPSK	M	Outer_Full	11.86	≤13dB	PASS
n48	30	20	DFT-BPSK	H	Outer_Full	10.82	≤13dB	PASS
n48	30	20	DFT-QPSK	H	Outer_Full	11.82	≤13dB	PASS
n48	30	40	DFT-BPSK	L	Outer_Full	11.08	≤13dB	PASS
n48	30	40	DFT-QPSK	L	Outer_Full	11.84	≤13dB	PASS
n48	30	40	DFT-BPSK	M	Outer_Full	11.1	≤13dB	PASS
n48	30	40	DFT-QPSK	M	Outer_Full	12.52	≤13dB	PASS
n48	30	40	DFT-BPSK	H	Outer_Full	10.92	≤13dB	PASS
n48	30	40	DFT-QPSK	H	Outer_Full	8.44	≤13dB	PASS



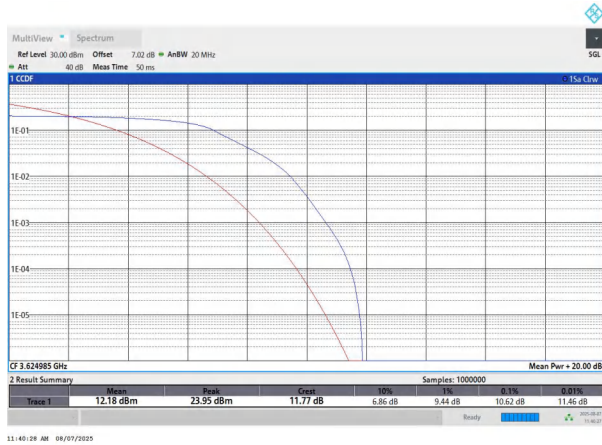
Test Graphs



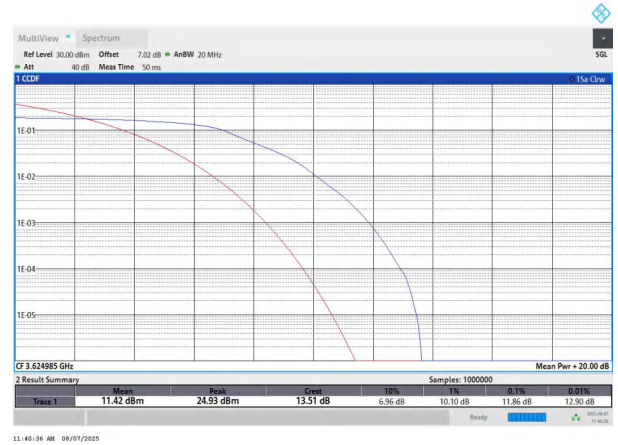
NTVN-n48-PC3-30-20-L-DFT-BPSK-Outer_Full-PASS



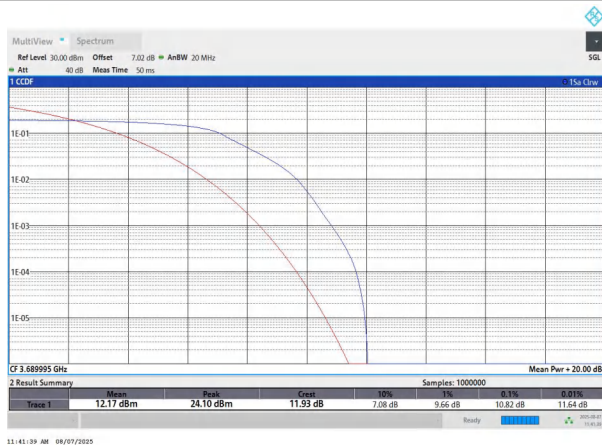
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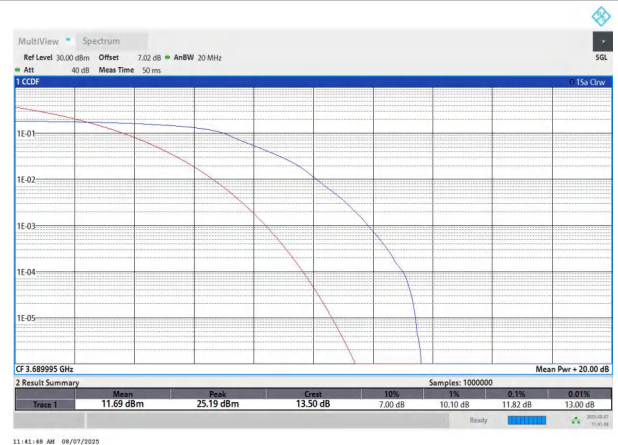
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NTVN-n48-PC3-30-20-M-DFT-QPSK-Outer_Full-PASS



NTVN-n48-PC3-30-20-H-DFT-BPSK-Outer_Full-PASS



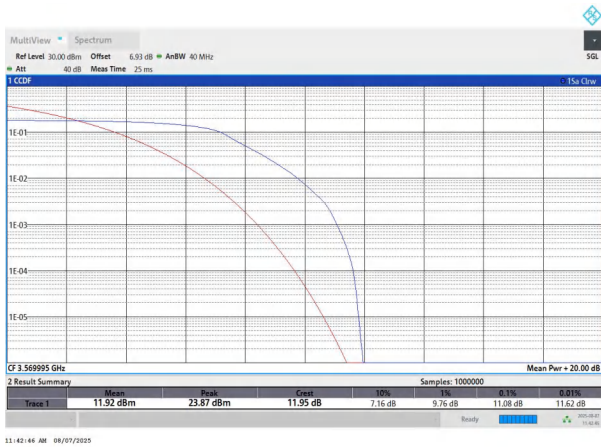
NTVN-n48-PC3-30-20-H-DFT-QPSK-Outer_Full-PASS



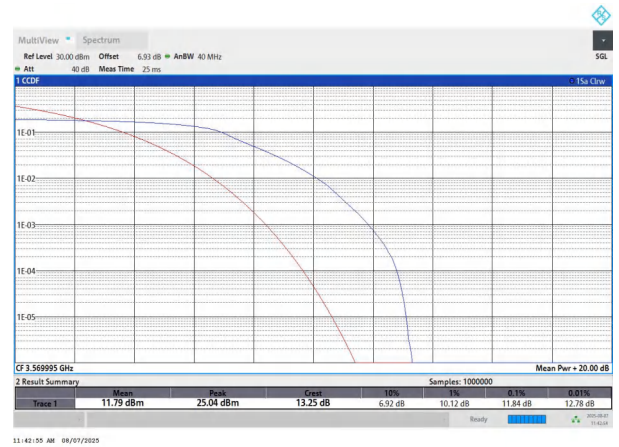
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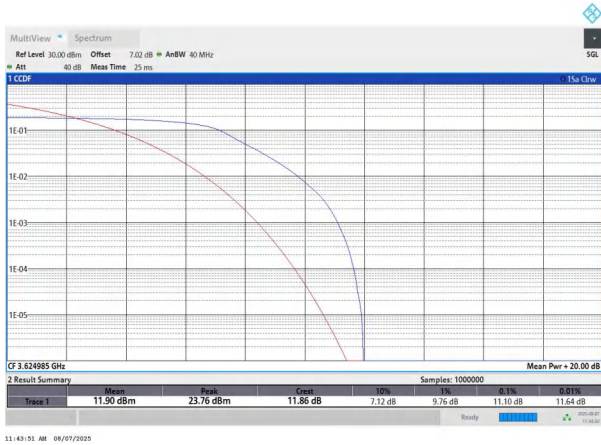
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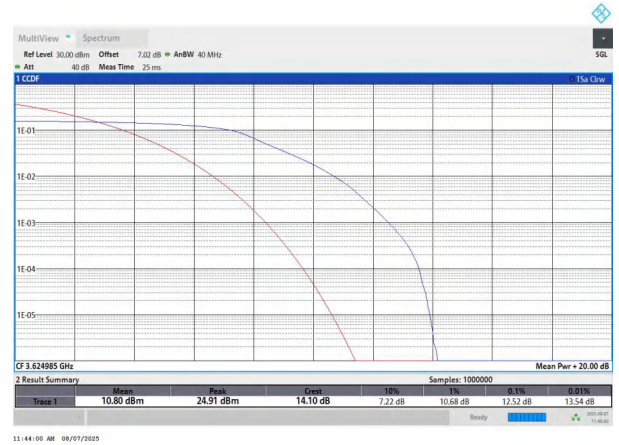
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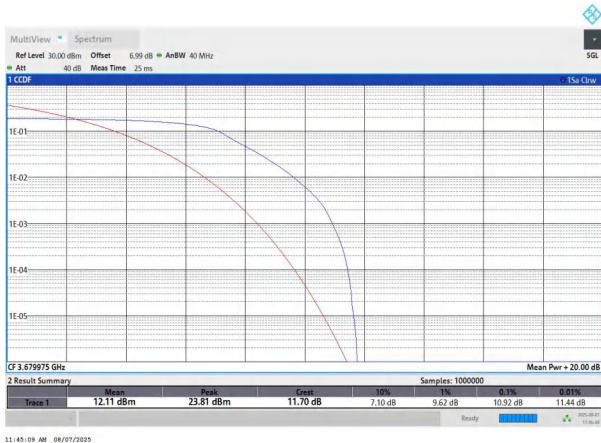
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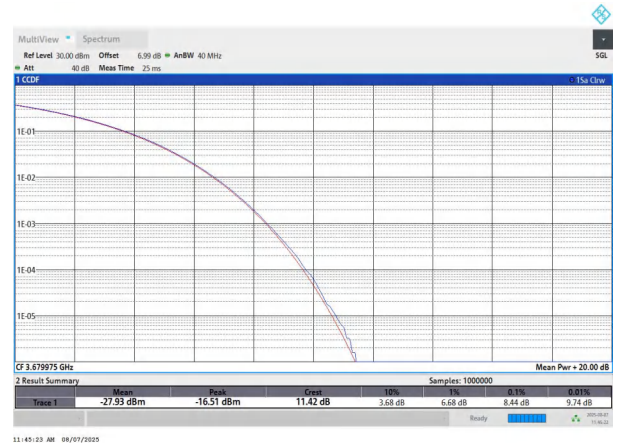
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NTVN-n48-PC3-30-40-M-DFT-QPSK-Outer_Full-PASS



NTVN-n48-PC3-30-40-H-DFT-BPSK-Outer_Full-PASS



NTVN-n48-PC3-30-40-H-DFT-QPSK-Outer_Full-PASS



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% OBW (MHz)	26dB BW (MHz)	Verdict
n48	30	20	DFT-BPSK	L	Outer_Full	17.817	19.040	PASS
n48	30	20	DFT-QPSK	L	Outer_Full	17.766	19.360	PASS
n48	30	20	DFT-16QAM	L	Outer_Full	17.853	18.800	PASS
n48	30	20	DFT-64QAM	L	Outer_Full	17.871	19.240	PASS
n48	30	20	DFT-256QAM	L	Outer_Full	17.883	18.960	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	17.784	18.920	PASS
n48	30	20	DFT-QPSK	M	Outer_Full	17.876	18.880	PASS
n48	30	20	DFT-16QAM	M	Outer_Full	17.822	19.000	PASS
n48	30	20	DFT-64QAM	M	Outer_Full	17.877	19.400	PASS
n48	30	20	DFT-256QAM	M	Outer_Full	17.81	19.080	PASS
n48	30	20	DFT-BPSK	H	Outer_Full	17.868	19.240	PASS
n48	30	20	DFT-QPSK	H	Outer_Full	17.781	19.120	PASS
n48	30	20	DFT-16QAM	H	Outer_Full	17.86	19.160	PASS
n48	30	20	DFT-64QAM	H	Outer_Full	17.706	19.040	PASS
n48	30	20	DFT-256QAM	H	Outer_Full	17.794	18.960	PASS
n48	30	40	DFT-BPSK	L	Outer_Full	35.776	37.760	PASS
n48	30	40	DFT-QPSK	L	Outer_Full	35.79	37.680	PASS
n48	30	40	DFT-16QAM	L	Outer_Full	35.739	37.360	PASS
n48	30	40	DFT-64QAM	L	Outer_Full	35.826	37.600	PASS
n48	30	40	DFT-256QAM	L	Outer_Full	35.77	37.440	PASS
n48	30	40	DFT-BPSK	M	Outer_Full	35.832	37.600	PASS
n48	30	40	DFT-QPSK	M	Outer_Full	35.722	37.360	PASS
n48	30	40	DFT-16QAM	M	Outer_Full	35.638	37.200	PASS
n48	30	40	DFT-64QAM	M	Outer_Full	35.764	37.200	PASS
n48	30	40	DFT-256QAM	M	Outer_Full	35.748	37.440	PASS
n48	30	40	DFT-BPSK	H	Outer_Full	35.784	37.280	PASS
n48	30	40	DFT-QPSK	H	Outer_Full	35.697	37.600	PASS
n48	30	40	DFT-16QAM	H	Outer_Full	35.669	37.040	PASS
n48	30	40	DFT-64QAM	H	Outer_Full	35.674	37.280	PASS
n48	30	40	DFT-256QAM	H	Outer_Full	35.732	37.200	PASS

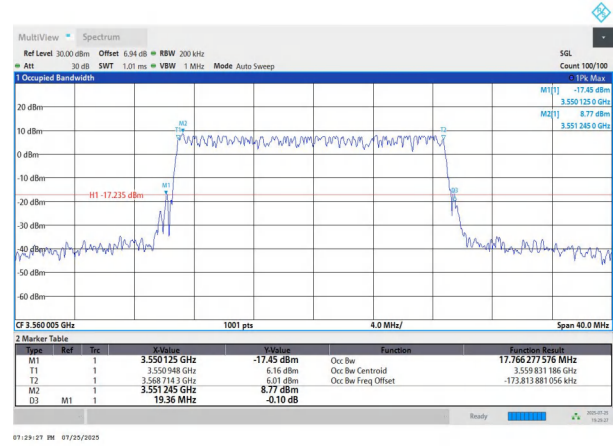
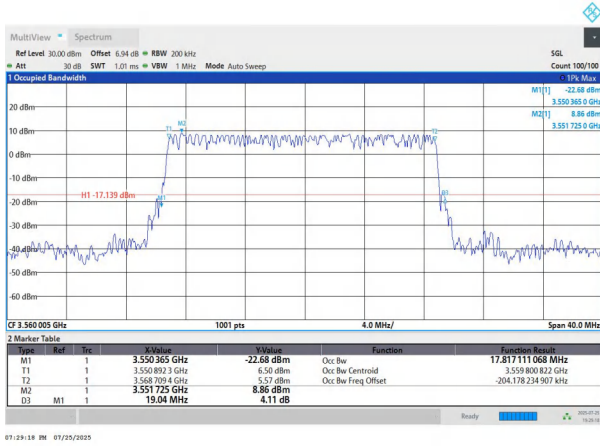


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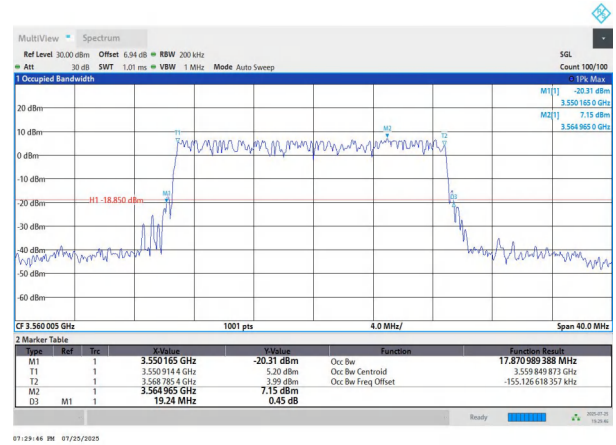
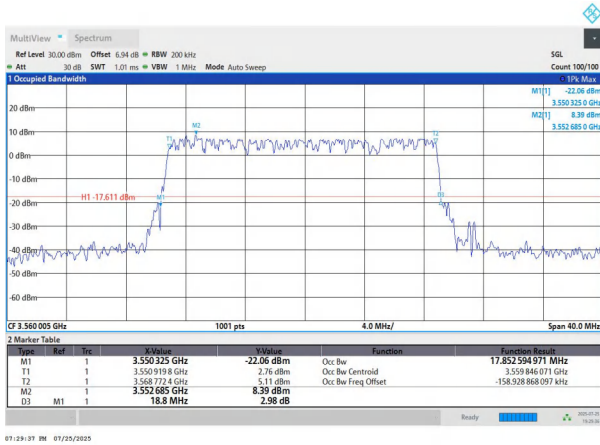
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Test Graphs



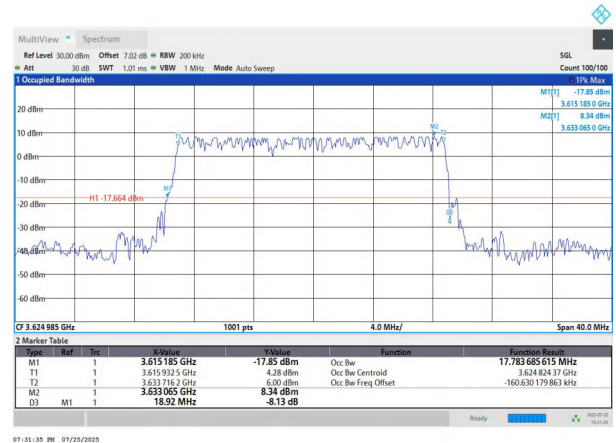
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NTNV-n48-PC3-30-20-L-DFT-QPSK-Outter_Full-Ant1-PASS



NTNV-n48-PC3-30-20-L-DFT-16QAM-Outter_Full-Ant1-PASS

NTNV-n48-PC3-30-20-L-DFT-64QAM-Outter_Full-Ant1-PASS



NTNV-n48-PC3-30-20-L-DFT-256QAM-Outter_Full-Ant1-PASS

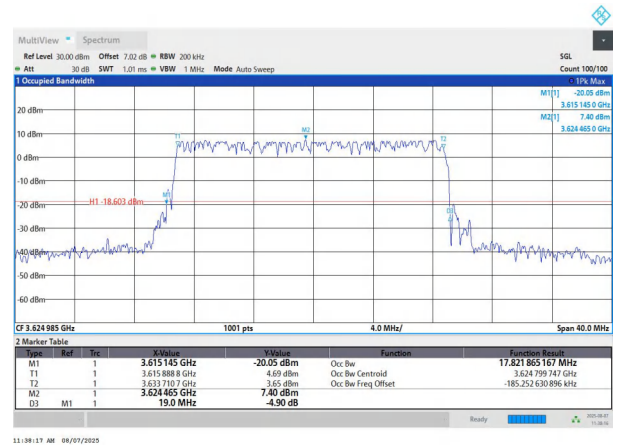
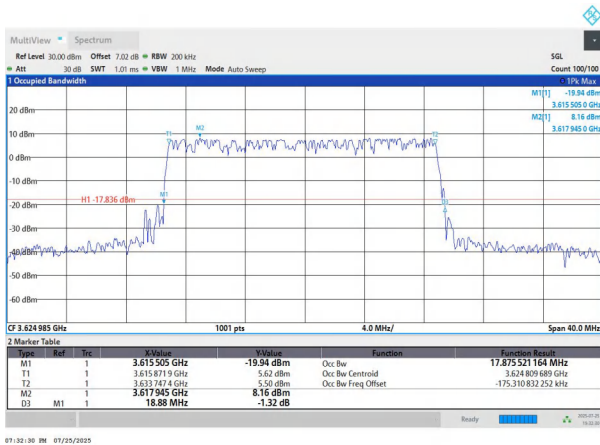
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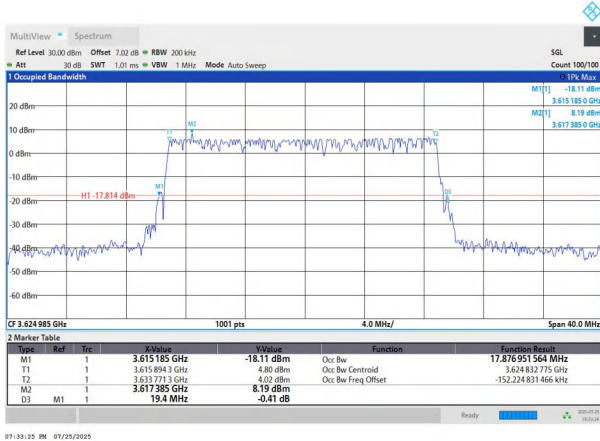
Test Report No.: FCCSZ2025-0042-RF4-A9

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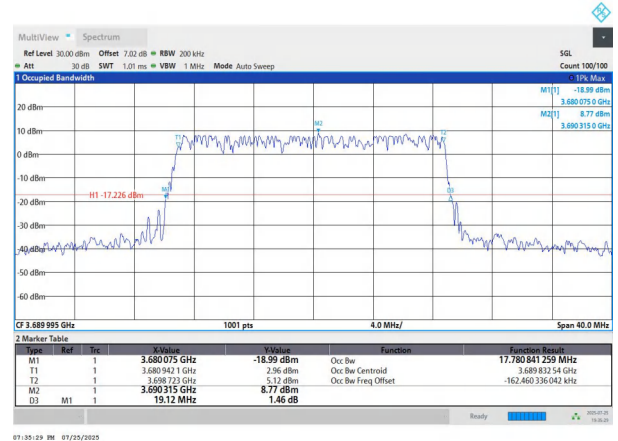
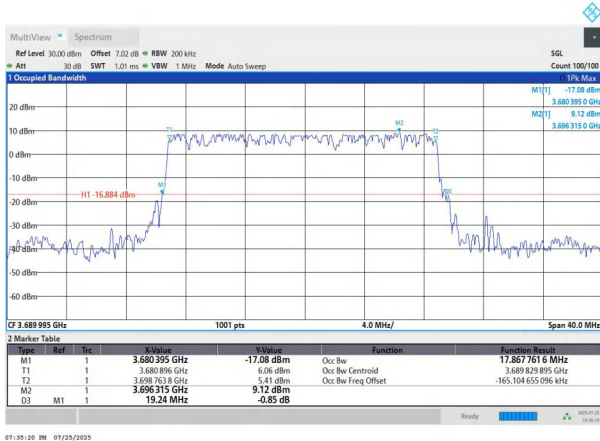
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NTNV-n48-PC3-30-20-M-DFT-16QAM-Outet_Full-Ant1-PASS



NTNV-n48-PC3-30-20-M-DFT-64QAM-Outet_Full-Ant1-PASS

NTNV-n48-PC3-30-20-M-DFT-256QAM-Outet_Full-Ant1-PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Outet_Full-Ant1-PASS

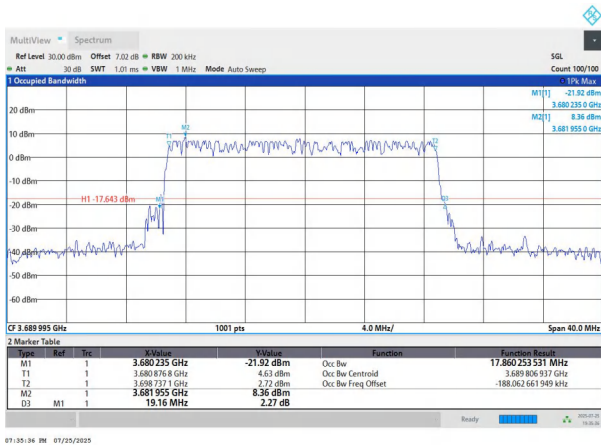
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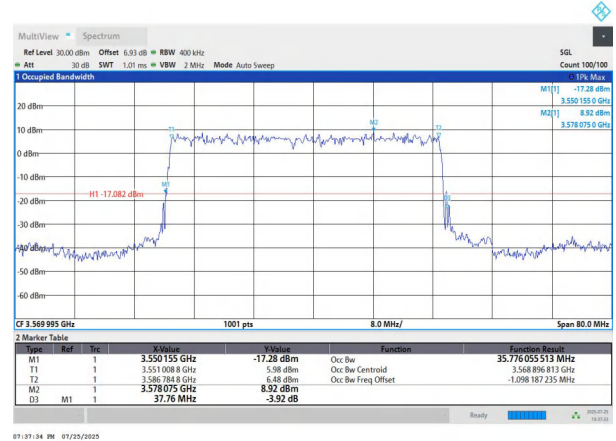
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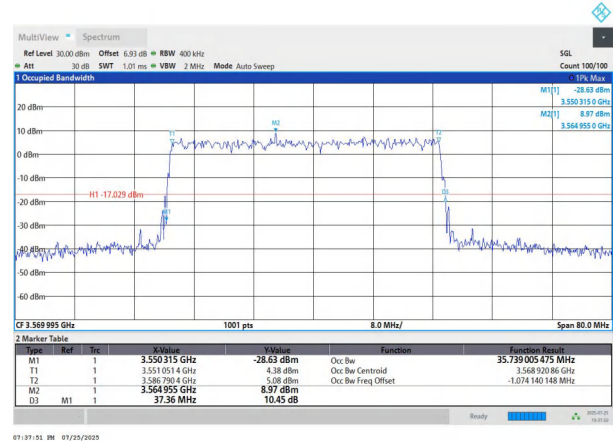
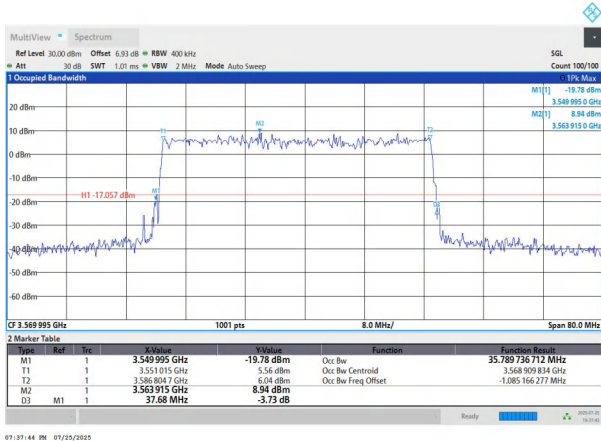
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NTNV-n48-PC3-30-20-H-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-n48-PC3-30-20-H-DFT-256QAM-Outer_Full-Ant1-PASS

NTNV-n48-PC3-30-40-L-DFT-BPSK-Outer_Full-Ant1-PASS



NTNV-n48-PC3-30-40-L-DFT-QPSK-Outer_Full-Ant1-PASS

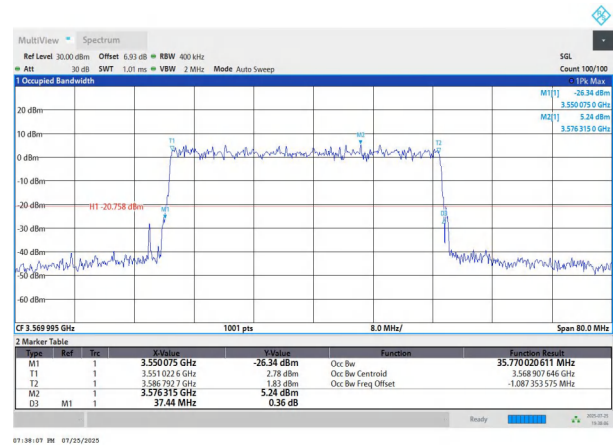
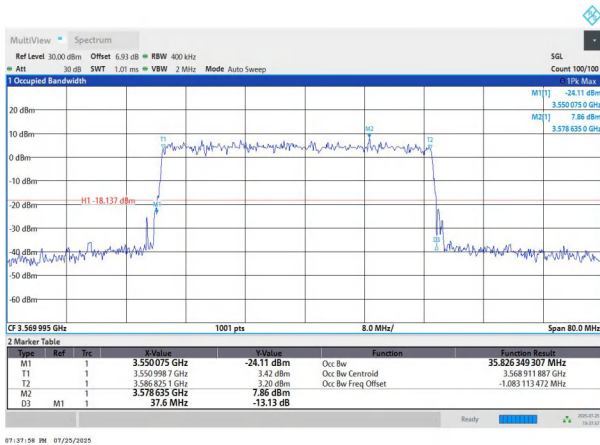
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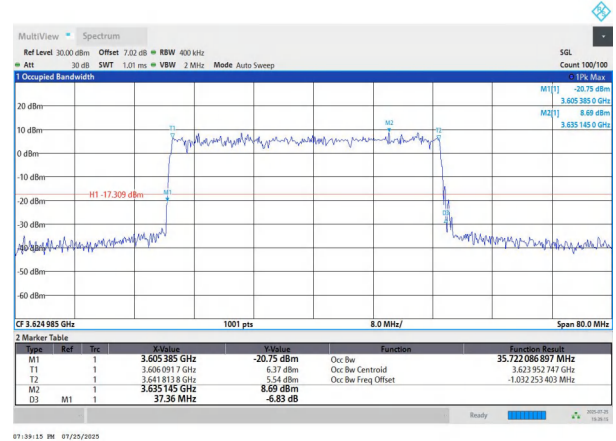
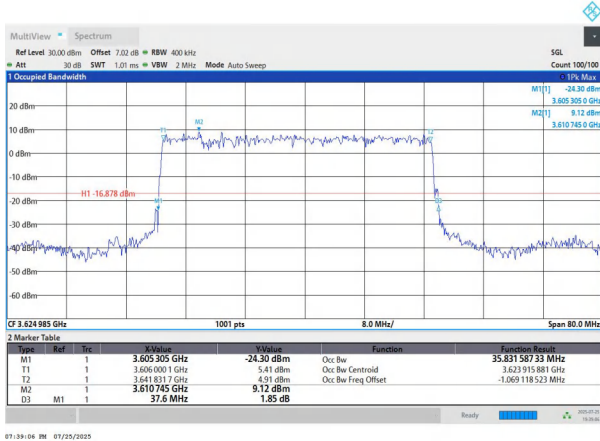
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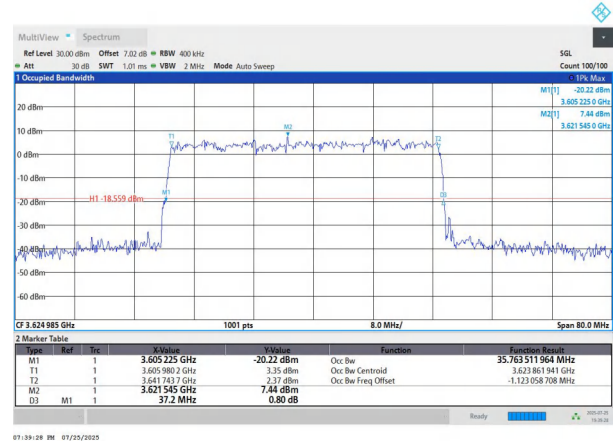
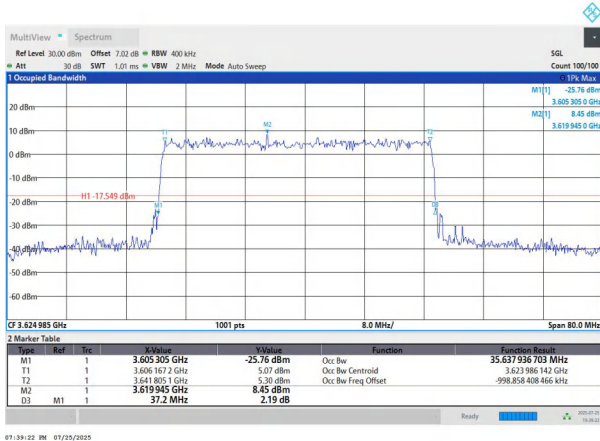
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NTNV-n48-PC3-30-40-L-DFT-256QAM-Outer_Full-Ant1-PASS



NTNV-n48-PC3-30-40-M-DFT-BPSK-Outer_Full-Ant1-PASS

NTNV-n48-PC3-30-40-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-n48-PC3-30-40-M-DFT-16QAM-Outer_Full-Ant1-PASS

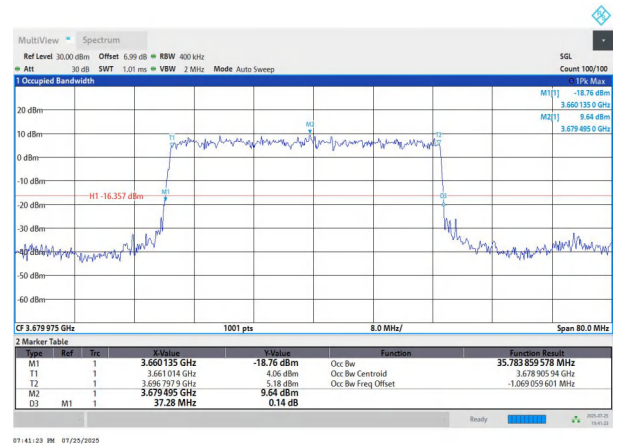
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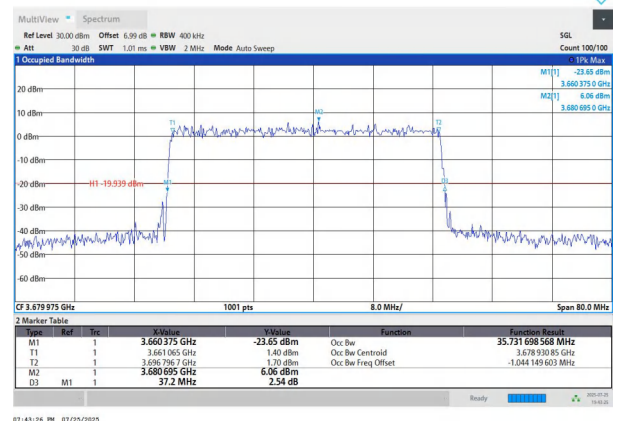
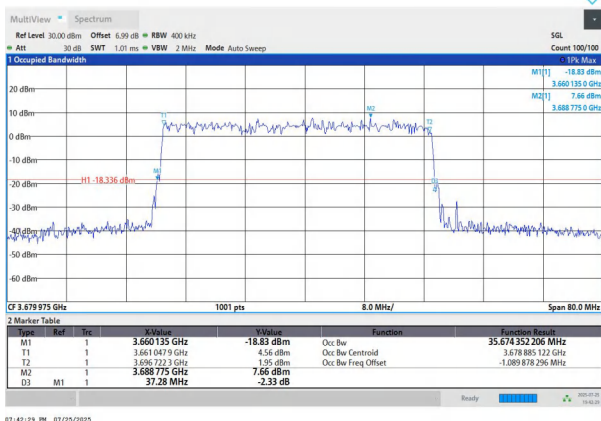
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NTNV-n48-PC3-30-40-H-DFT-QPSK-Outer_Full-Ant1-PASS

NTNV-n48-PC3-30-40-H-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-n48-PC3-30-40-H-DFT-64QAM-Outer_Full-Ant1-PASS

NTNV-n48-PC3-30-40-H-DFT-256QAM-Outer_Full-Ant1-PASS



Appendix D: Band Edge

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	-43.41	PASS
n48	30	20	DFT-BPSK	L	Outer_Full	-43.43	PASS
n48	30	20	DFT-QPSK	L	Outer_Full	-43.27	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Right	-43.05	PASS
n48	30	20	DFT-BPSK	H	Outer_Full	-43.21	PASS
n48	30	20	DFT-QPSK	H	Outer_Full	-43.08	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	-43.10	PASS
n48	30	40	DFT-BPSK	L	Outer_Full	-43.17	PASS
n48	30	40	DFT-QPSK	L	Outer_Full	-43.23	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Right	-42.94	PASS
n48	30	40	DFT-BPSK	H	Outer_Full	-41.45	PASS
n48	30	40	DFT-QPSK	H	Outer_Full	-41.87	PASS

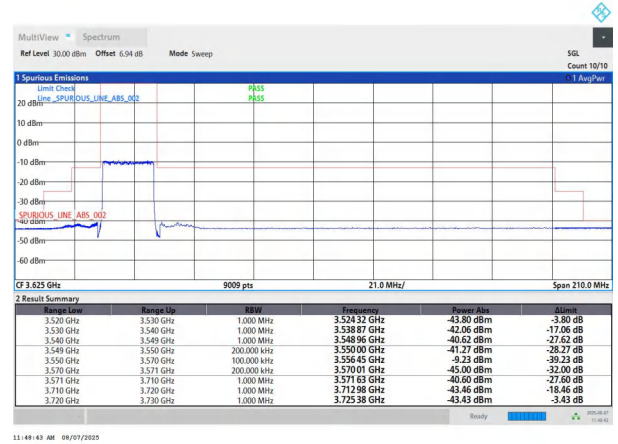
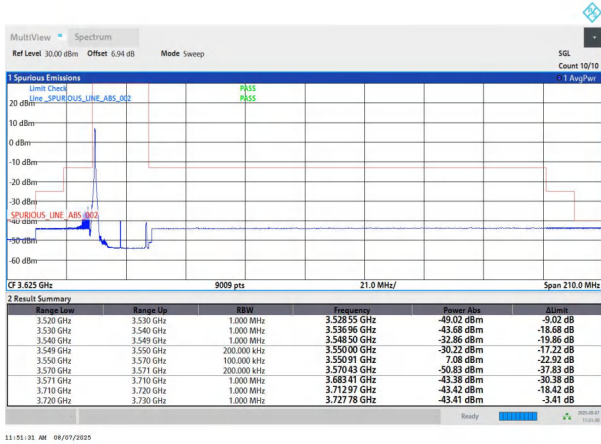


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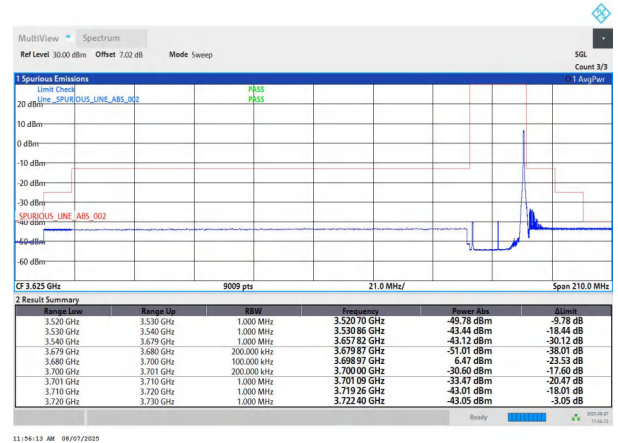
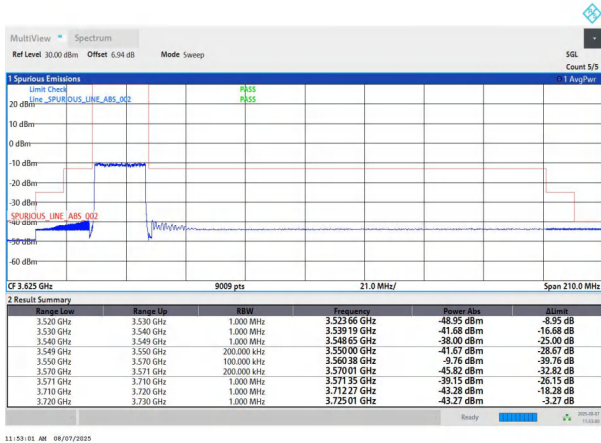
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Test Graphs



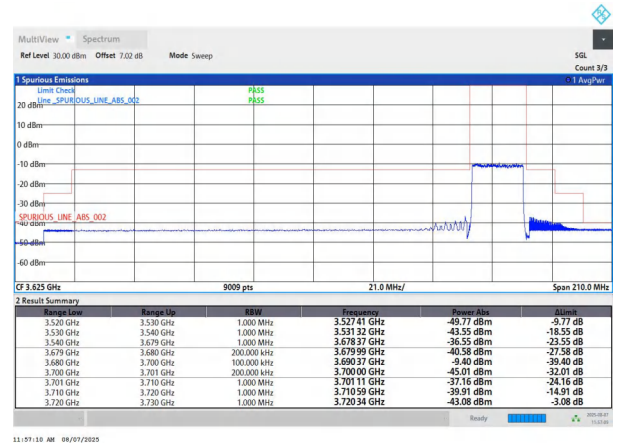
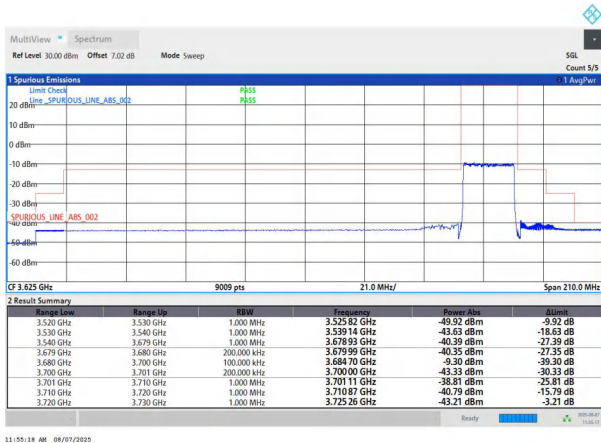
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NTNV-n48-PC3-30-20-L-DFT-BPSK-Outer_Full-PASS



NTNV-n48-PC3-30-20-L-DFT-QPSK-Outer_Full-PASS

NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Outer_Full-PASS

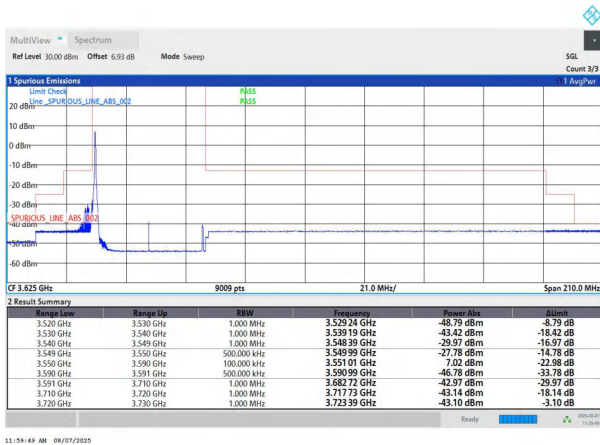
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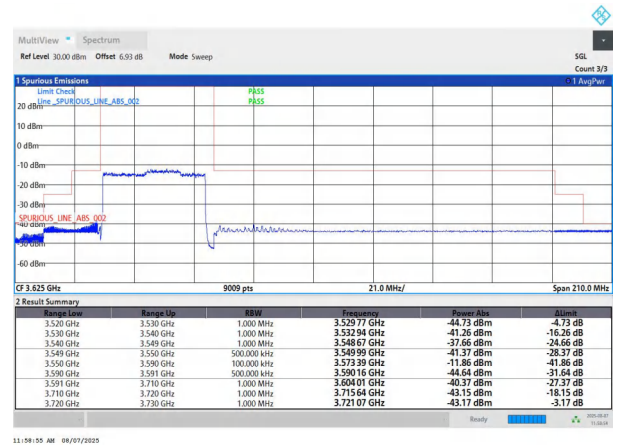
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Test Report No.: FCCSZ2025-0042-RF4-A9

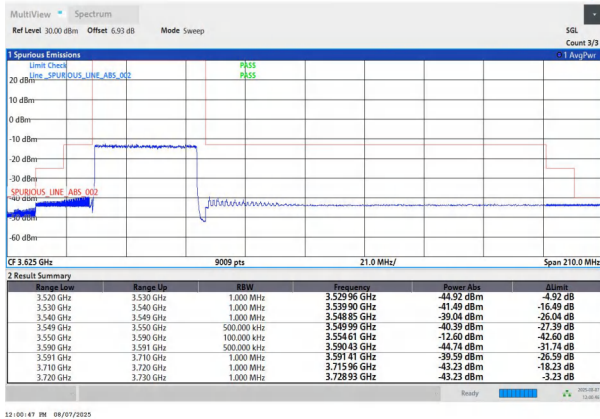
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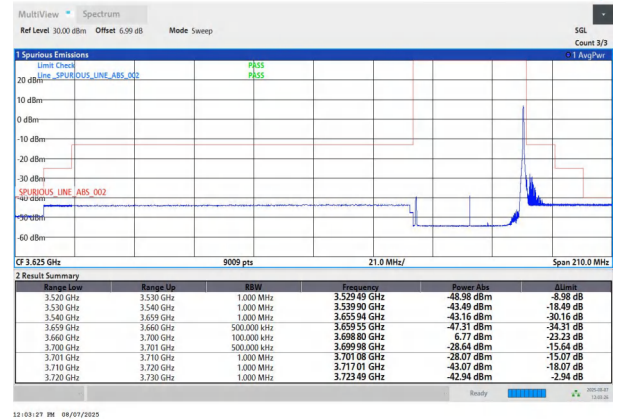
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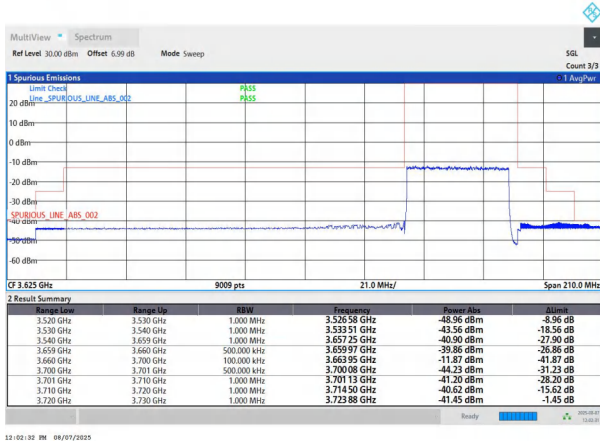
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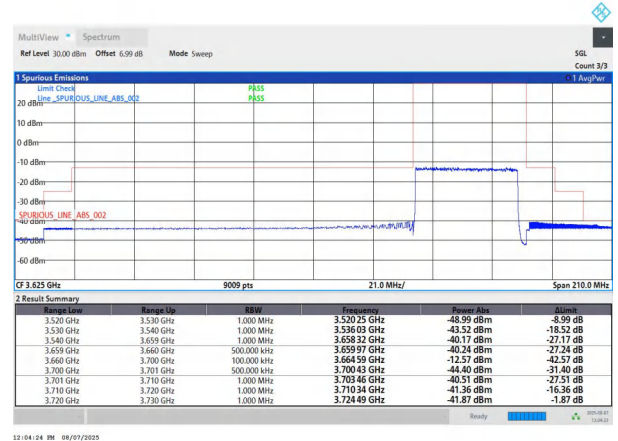
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NTNV-n48-PC3-30-40-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n48-PC3-30-40-H-DFT-BPSK-Outer_Full-PASS



NTNV-n48-PC3-30-40-H-DFT-QPSK-Outer_Full-PASS



Appendix E: Conducted Spurious Emission

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Start Freq (MHz)	Stop Freq (MHz)	Result (dBm)	Limit (dBm)	Verdict
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	30	1000	-58.95	≤-50dBm	PASS
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	1000	3000	-47.61	≤-40dBm	PASS
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	3000	6000	-47.91	≤-40dBm	PASS
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	6000	26000	-46.85	≤-40dBm	PASS
n48	30	20	DFT-BPSK	L	Edge_1RB_Left	26000	40000	-54.19	≤-40dBm	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.25	≤-50dBm	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-47.56	≤-40dBm	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Left	3000	6000	-48.04	≤-40dBm	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Left	6000	26000	-52.95	≤-40dBm	PASS
n48	30	20	DFT-QPSK	L	Edge_1RB_Left	26000	40000	-54.09	≤-40dBm	PASS
n48	30	20	DFT-BPSK	M	Edge_1RB_Left	30	1000	-58.77	≤-50dBm	PASS
n48	30	20	DFT-BPSK	M	Edge_1RB_Left	1000	3000	-47.57	≤-40dBm	PASS
n48	30	20	DFT-BPSK	M	Edge_1RB_Left	3000	6000	-48.00	≤-40dBm	PASS
n48	30	20	DFT-BPSK	M	Edge_1RB_Left	6000	26000	-54.16	≤-40dBm	PASS
n48	30	20	DFT-BPSK	M	Edge_1RB_Left	26000	40000	-54.14	≤-40dBm	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.39	≤-50dBm	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-47.45	≤-40dBm	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Left	3000	6000	-48.03	≤-40dBm	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Left	6000	26000	-50.90	≤-40dBm	PASS
n48	30	20	DFT-QPSK	M	Edge_1RB_Left	26000	40000	-54.36	≤-40dBm	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Left	30	1000	-58.88	≤-50dBm	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Left	1000	3000	-47.64	≤-40dBm	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Left	3000	6000	-48.07	≤-40dBm	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Left	6000	26000	-54.56	≤-40dBm	PASS
n48	30	20	DFT-BPSK	H	Edge_1RB_Left	26000	40000	-54.21	≤-40dBm	PASS
n48	30	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.52	≤-50dBm	PASS
n48	30	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-47.64	≤-40dBm	PASS
n48	30	20	DFT-QPSK	H	Edge_1RB_Left	3000	6000	-48.01	≤-40dBm	PASS
n48	30	20	DFT-QPSK	H	Edge_1RB_Left	6000	26000	-54.20	≤-40dBm	PASS
n48	30	20	DFT-QPSK	H	Edge_1RB_Left	26000	40000	-54.30	≤-40dBm	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	30	1000	-58.07	≤-50dBm	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	1000	3000	-47.60	≤-40dBm	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	3000	6000	-47.92	≤-40dBm	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	6000	26000	-52.20	≤-40dBm	PASS
n48	30	40	DFT-BPSK	L	Edge_1RB_Left	26000	40000	-54.16	≤-40dBm	PASS
n48	30	40	DFT-QPSK	L	Edge_1RB_Left	30	1000	-58.77	≤-50dBm	PASS



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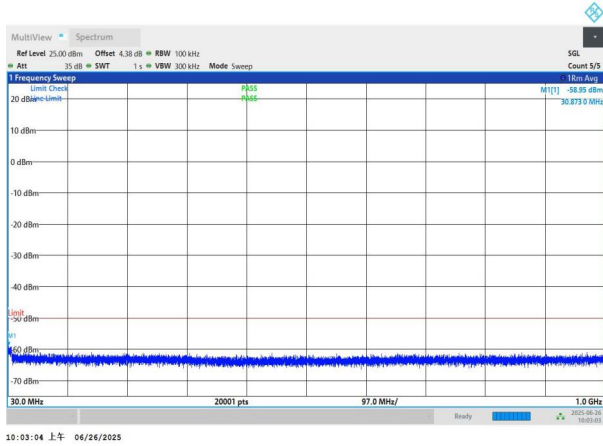
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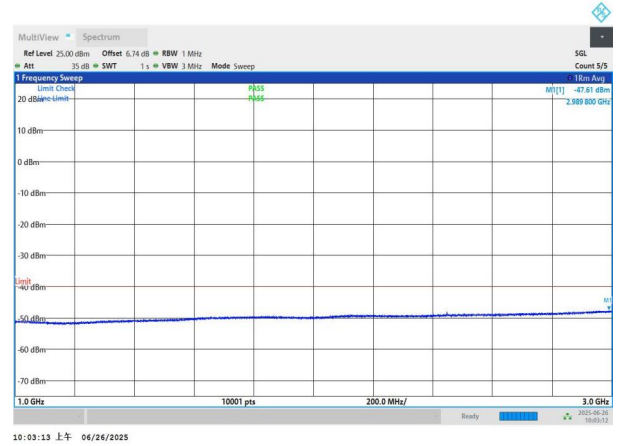
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n48	30	40	DFT-QPSK	L	Edge_1RB_Left	3000	6000	-47.82	≤-40dBm	PASS
n48	30	40	DFT-QPSK	L	Edge_1RB_Left	6000	26000	-49.80	≤-40dBm	PASS
n48	30	40	DFT-QPSK	L	Edge_1RB_Left	26000	40000	-54.30	≤-40dBm	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Left	30	1000	-58.55	≤-50dBm	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Left	1000	3000	-47.55	≤-40dBm	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Left	3000	6000	-47.05	≤-40dBm	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Left	6000	26000	-51.09	≤-40dBm	PASS
n48	30	40	DFT-BPSK	M	Edge_1RB_Left	26000	40000	-54.48	≤-40dBm	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.68	≤-50dBm	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-46.71	≤-40dBm	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Left	3000	6000	-47.17	≤-40dBm	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Left	6000	26000	-53.51	≤-40dBm	PASS
n48	30	40	DFT-QPSK	M	Edge_1RB_Left	26000	40000	-54.29	≤-40dBm	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Left	30	1000	-58.29	≤-50dBm	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Left	1000	3000	-47.58	≤-40dBm	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Left	3000	6000	-47.00	≤-40dBm	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Left	6000	26000	-51.72	≤-40dBm	PASS
n48	30	40	DFT-BPSK	H	Edge_1RB_Left	26000	40000	-54.30	≤-40dBm	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.59	≤-50dBm	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-47.51	≤-40dBm	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Left	3000	6000	-46.85	≤-40dBm	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Left	6000	26000	-53.97	≤-40dBm	PASS
n48	30	40	DFT-QPSK	H	Edge_1RB_Left	26000	40000	-54.39	≤-40dBm	PASS



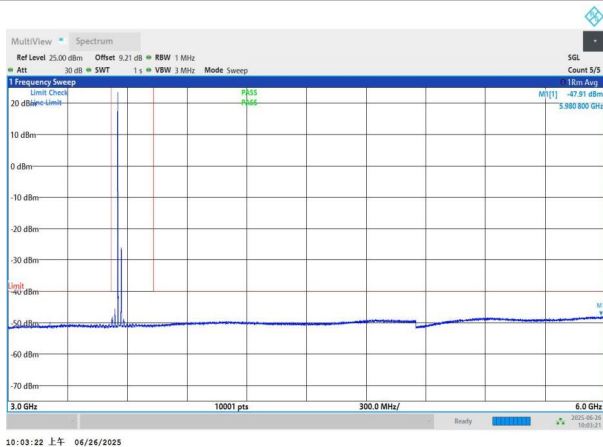
Test Graphs



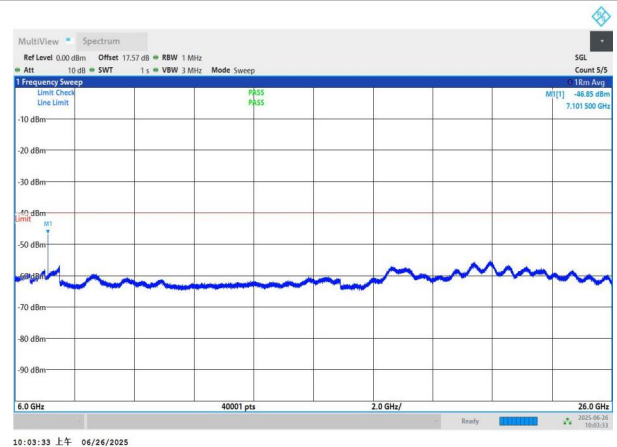
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SS



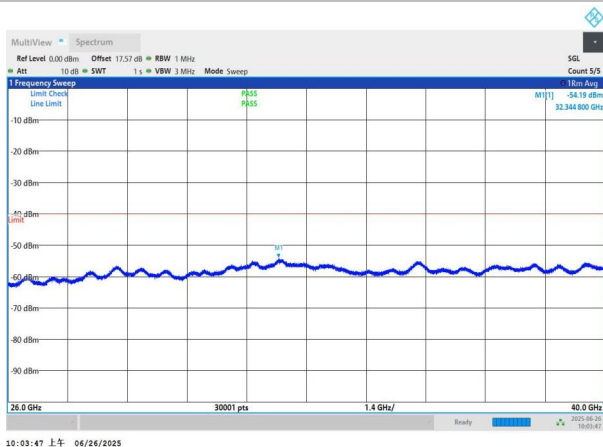
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PASS



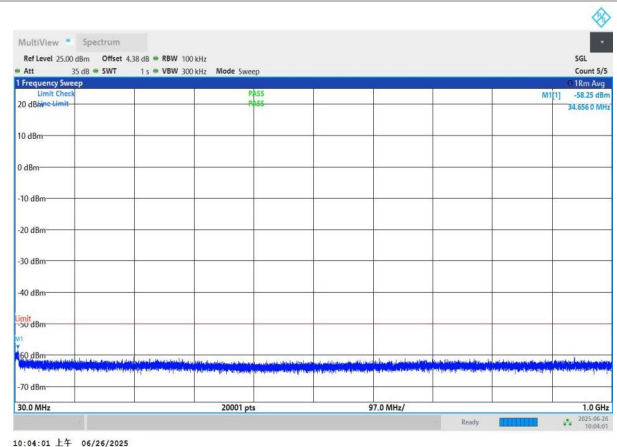
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PASS



NTNV-n48-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-6000-26000-
PASS



NTNV-n48-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-26000-4000
0-PASS



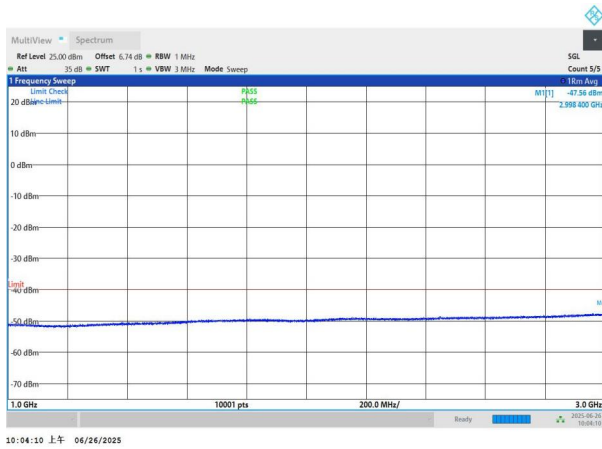
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SS



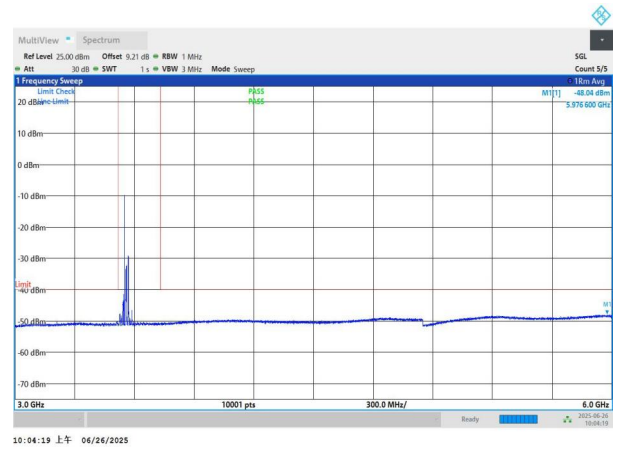
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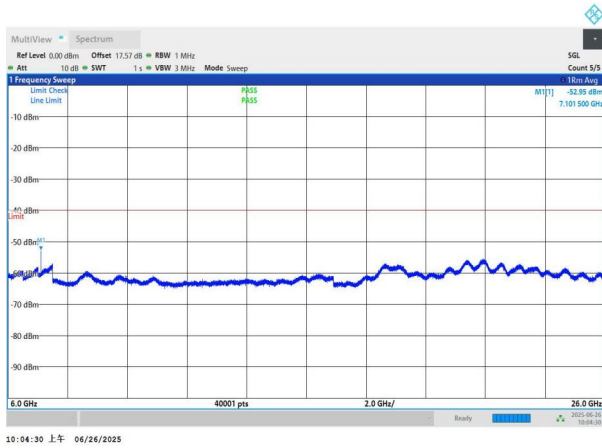
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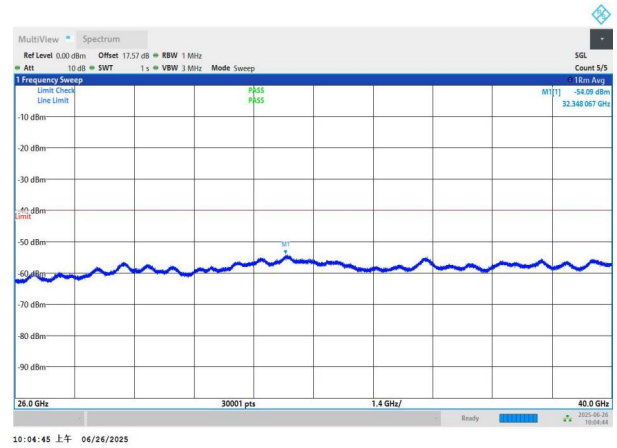
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PASS



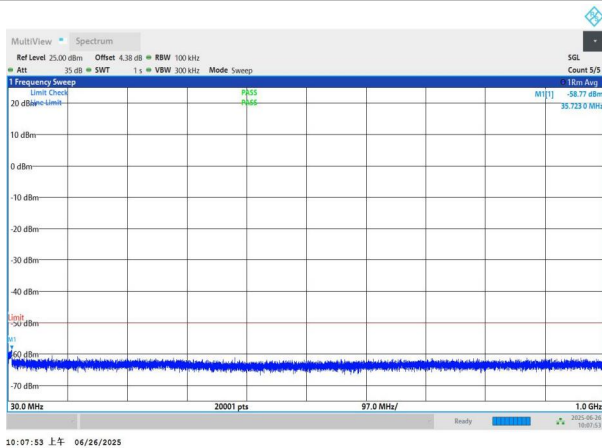
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PASS



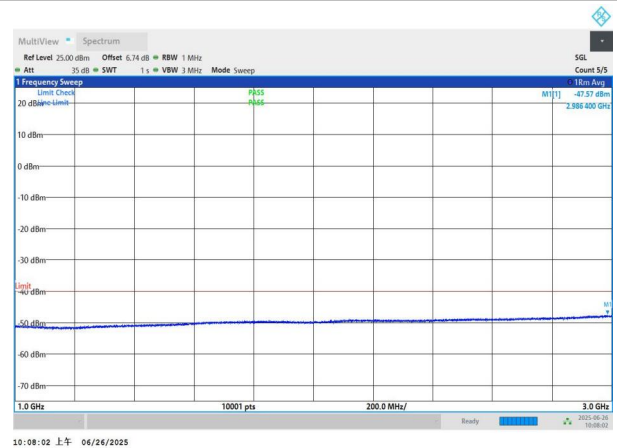
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-PASS



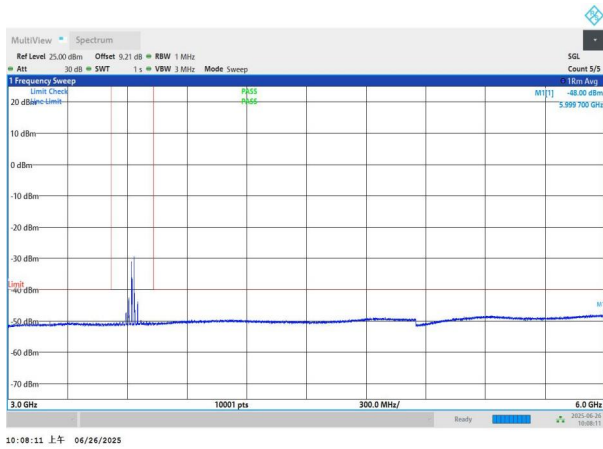
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0-PASS



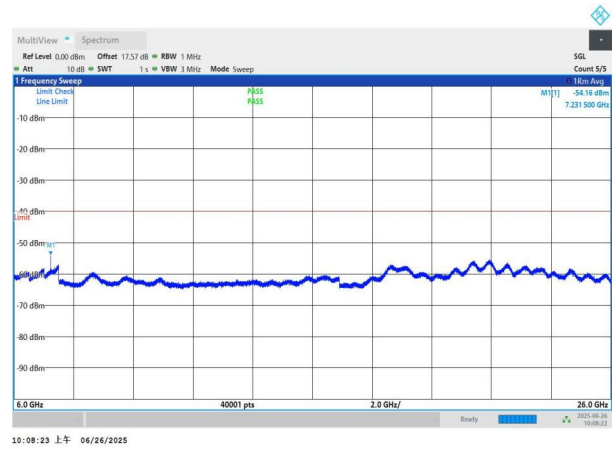
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SS



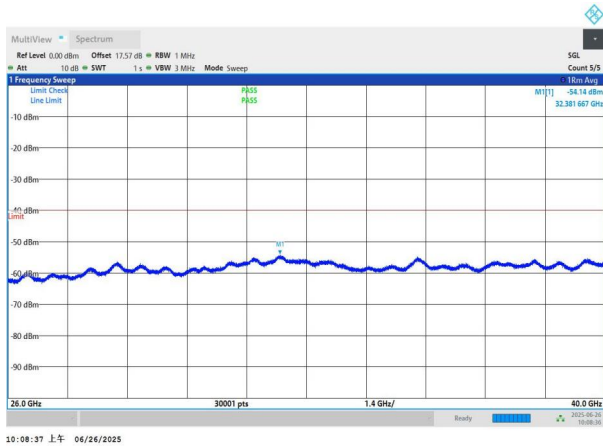
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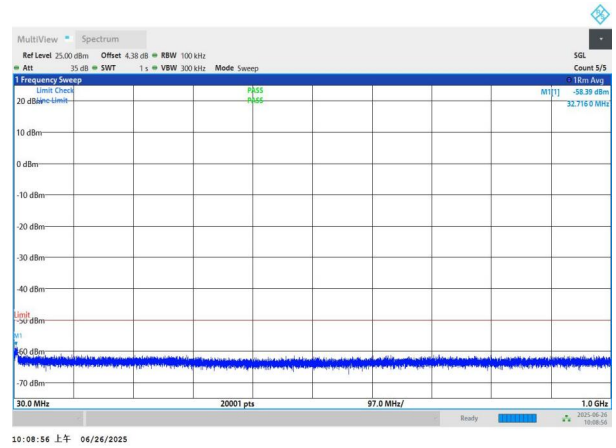
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PASS



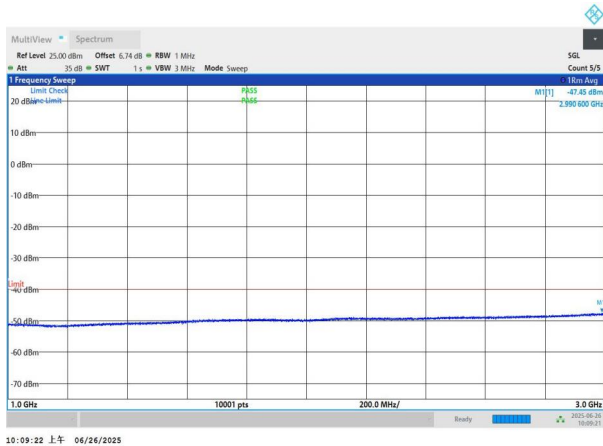
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-PASS



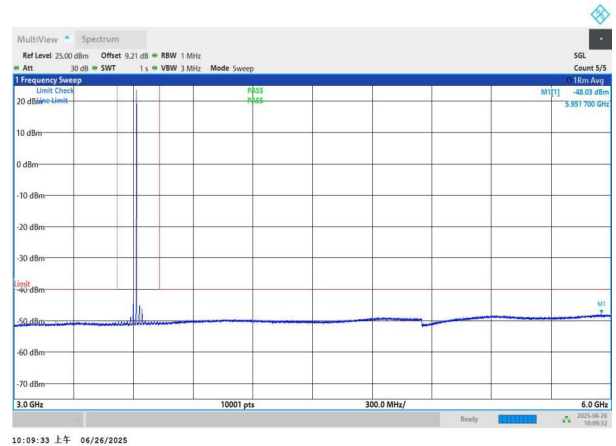
NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-26000-400
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NTNV-n48-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-30-1000-PA
SS



NTNV-n48-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n48-PC3-30-20-M-DFT-QPSK-Edge_1RB_Left-3000-6000-
PASS