



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Power Class	Verdict
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	19.05	19.15	PC3	PASS
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Right	18.88	18.98	PC3	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	18.68	18.78	PC3	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_Full	18.57	18.67	PC3	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Left	19.11	19.21	PC3	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Right	18.88	18.98	PC3	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	18.67	18.77	PC3	PASS
N38	30	10	DFT-QPSK	L	Inner_Full	18.55	18.65	PC3	PASS
N38	30	10	CP-QPSK	L	Edge_1RB_Left	18.93	19.03	PC3	PASS
N38	30	10	CP-QPSK	L	Edge_1RB_Right	18.86	18.96	PC3	PASS
N38	30	10	CP-QPSK	L	Outer_Full	18.74	18.84	PC3	PASS
N38	30	10	CP-QPSK	L	Inner_Full	18.60	18.70	PC3	PASS
N38	30	10	CP-16QAM	L	Edge_1RB_Left	18.98	19.08	PC3	PASS
N38	30	10	CP-16QAM	L	Edge_1RB_Right	18.92	19.02	PC3	PASS
N38	30	10	CP-16QAM	L	Outer_Full	18.69	18.79	PC3	PASS
N38	30	10	CP-16QAM	L	Inner_Full	18.61	18.71	PC3	PASS
N38	30	10	CP-64QAM	L	Edge_1RB_Left	19.05	19.15	PC3	PASS
N38	30	10	CP-64QAM	L	Edge_1RB_Right	18.98	19.08	PC3	PASS
N38	30	10	CP-64QAM	L	Outer_Full	18.13	18.23	PC3	PASS
N38	30	10	CP-64QAM	L	Inner_Full	18.54	18.64	PC3	PASS
N38	30	10	CP-256QAM	L	Edge_1RB_Left	16.25	16.35	PC3	PASS
N38	30	10	CP-256QAM	L	Edge_1RB_Right	16.18	16.28	PC3	PASS
N38	30	10	CP-256QAM	L	Outer_Full	15.46	15.56	PC3	PASS
N38	30	10	CP-256QAM	L	Inner_Full	15.95	16.05	PC3	PASS
N38	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	18.78	18.88	PC3	PASS
N38	30	10	DFT-PI2BPSK	M	Edge_1RB_Right	18.61	18.71	PC3	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	18.41	18.51	PC3	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_Full	18.33	18.43	PC3	PASS
N38	30	10	DFT-QPSK	M	Edge_1RB_Left	18.89	18.99	PC3	PASS
N38	30	10	DFT-QPSK	M	Edge_1RB_Right	18.70	18.80	PC3	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	18.45	18.55	PC3	PASS
N38	30	10	DFT-QPSK	M	Inner_Full	18.37	18.47	PC3	PASS



N38	30	10	CP-QPSK	M	Edge_1RB_Left	18.77	18.87	PC3	PASS
N38	30	10	CP-QPSK	M	Edge_1RB_Right	18.72	18.82	PC3	PASS
N38	30	10	CP-QPSK	M	Outer_Full	18.59	18.69	PC3	PASS
N38	30	10	CP-QPSK	M	Inner_Full	18.49	18.59	PC3	PASS
N38	30	10	CP-16QAM	M	Edge_1RB_Left	18.75	18.85	PC3	PASS
N38	30	10	CP-16QAM	M	Edge_1RB_Right	18.71	18.81	PC3	PASS
N38	30	10	CP-16QAM	M	Outer_Full	18.54	18.64	PC3	PASS
N38	30	10	CP-16QAM	M	Inner_Full	18.40	18.50	PC3	PASS
N38	30	10	CP-64QAM	M	Edge_1RB_Left	18.89	18.99	PC3	PASS
N38	30	10	CP-64QAM	M	Edge_1RB_Right	18.95	19.05	PC3	PASS
N38	30	10	CP-64QAM	M	Outer_Full	17.99	18.09	PC3	PASS
N38	30	10	CP-64QAM	M	Inner_Full	18.41	18.51	PC3	PASS
N38	30	10	CP-256QAM	M	Edge_1RB_Left	16.05	16.15	PC3	PASS
N38	30	10	CP-256QAM	M	Edge_1RB_Right	15.97	16.07	PC3	PASS
N38	30	10	CP-256QAM	M	Outer_Full	15.31	15.41	PC3	PASS
N38	30	10	CP-256QAM	M	Inner_Full	15.73	15.83	PC3	PASS
N38	30	10	DFT-PI2BPSK	H	Edge_1RB_Right	19.22	19.32	PC3	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	18.97	19.07	PC3	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_Full	18.81	18.91	PC3	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Left	19.34	19.44	PC3	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Right	19.20	19.30	PC3	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	18.90	19.00	PC3	PASS
N38	30	10	DFT-QPSK	H	Inner_Full	18.78	18.88	PC3	PASS
N38	30	10	CP-QPSK	H	Edge_1RB_Left	19.19	19.29	PC3	PASS
N38	30	10	CP-QPSK	H	Edge_1RB_Right	19.18	19.28	PC3	PASS
N38	30	10	CP-QPSK	H	Outer_Full	18.98	19.08	PC3	PASS
N38	30	10	CP-QPSK	H	Inner_Full	18.90	19.00	PC3	PASS
N38	30	10	CP-16QAM	H	Edge_1RB_Left	19.16	19.26	PC3	PASS
N38	30	10	CP-16QAM	H	Edge_1RB_Right	19.19	19.29	PC3	PASS
N38	30	10	CP-16QAM	H	Outer_Full	18.91	19.01	PC3	PASS
N38	30	10	CP-16QAM	H	Inner_Full	18.81	18.91	PC3	PASS
N38	30	10	CP-64QAM	H	Edge_1RB_Left	19.19	19.29	PC3	PASS
N38	30	10	CP-64QAM	H	Edge_1RB_Right	19.33	19.43	PC3	PASS
N38	30	10	CP-64QAM	H	Outer_Full	18.34	18.44	PC3	PASS
N38	30	10	CP-64QAM	H	Inner_Full	18.73	18.83	PC3	PASS
N38	30	10	CP-256QAM	H	Edge_1RB_Left	16.52	16.62	PC3	PASS
N38	30	10	CP-256QAM	H	Edge_1RB_Right	16.42	16.52	PC3	PASS
N38	30	10	CP-256QAM	H	Outer_Full	15.77	15.87	PC3	PASS
N38	30	10	CP-256QAM	H	Inner_Full	16.16	16.26	PC3	PASS
N38	30	15	DFT-PI2BPSK	L	Edge_1RB_Left	19.13	19.23	PC3	PASS



N38	30	15	DFT-PI2BPSK	L	Edge_1RB_Right	19.37	19.47	PC3	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	18.46	18.56	PC3	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_Full	18.21	18.31	PC3	PASS
N38	30	15	DFT-QPSK	L	Edge_1RB_Left	19.10	19.20	PC3	PASS
N38	30	15	DFT-QPSK	L	Edge_1RB_Right	19.40	19.50	PC3	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	18.45	18.55	PC3	PASS
N38	30	15	DFT-QPSK	L	Inner_Full	18.22	18.32	PC3	PASS
N38	30	15	CP-QPSK	L	Edge_1RB_Left	9.09	9.19	PC3	PASS
N38	30	15	CP-QPSK	L	Edge_1RB_Right	9.12	9.22	PC3	PASS
N38	30	15	CP-QPSK	L	Outer_Full	9.04	9.14	PC3	PASS
N38	30	15	CP-QPSK	L	Inner_Full	18.52	18.62	PC3	PASS
N38	30	15	CP-16QAM	L	Edge_1RB_Left	19.11	19.21	PC3	PASS
N38	30	15	CP-16QAM	L	Edge_1RB_Right	19.51	19.61	PC3	PASS
N38	30	15	CP-16QAM	L	Outer_Full	18.63	18.73	PC3	PASS
N38	30	15	CP-16QAM	L	Inner_Full	18.38	18.48	PC3	PASS
N38	30	15	CP-64QAM	L	Edge_1RB_Left	19.12	19.22	PC3	PASS
N38	30	15	CP-64QAM	L	Edge_1RB_Right	19.53	19.63	PC3	PASS
N38	30	15	CP-64QAM	L	Outer_Full	18.12	18.22	PC3	PASS
N38	30	15	CP-64QAM	L	Inner_Full	18.33	18.43	PC3	PASS
N38	30	15	CP-256QAM	L	Edge_1RB_Left	16.37	16.47	PC3	PASS
N38	30	15	CP-256QAM	L	Edge_1RB_Right	16.71	16.81	PC3	PASS
N38	30	15	CP-256QAM	L	Outer_Full	15.47	15.57	PC3	PASS
N38	30	15	CP-256QAM	L	Inner_Full	15.73	15.83	PC3	PASS
N38	30	15	DFT-PI2BPSK	M	Edge_1RB_Right	19.51	19.61	PC3	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	18.57	18.67	PC3	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_Full	18.32	18.42	PC3	PASS
N38	30	15	DFT-QPSK	M	Edge_1RB_Left	19.13	19.23	PC3	PASS
N38	30	15	DFT-QPSK	M	Edge_1RB_Right	19.46	19.56	PC3	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	18.50	18.60	PC3	PASS
N38	30	15	DFT-QPSK	M	Inner_Full	18.25	18.35	PC3	PASS
N38	30	15	CP-QPSK	M	Edge_1RB_Left	18.96	19.06	PC3	PASS
N38	30	15	CP-QPSK	M	Edge_1RB_Right	19.39	19.49	PC3	PASS
N38	30	15	CP-QPSK	M	Outer_Full	18.65	18.75	PC3	PASS
N38	30	15	CP-QPSK	M	Inner_Full	18.36	18.46	PC3	PASS
N38	30	15	CP-16QAM	M	Edge_1RB_Left	18.96	19.06	PC3	PASS
N38	30	15	CP-16QAM	M	Edge_1RB_Right	19.39	19.49	PC3	PASS
N38	30	15	CP-16QAM	M	Outer_Full	18.55	18.65	PC3	PASS
N38	30	15	CP-16QAM	M	Inner_Full	18.29	18.39	PC3	PASS
N38	30	15	CP-64QAM	M	Edge_1RB_Left	19.13	19.23	PC3	PASS
N38	30	15	CP-64QAM	M	Edge_1RB_Right	19.58	19.68	PC3	PASS



N38	30	15	CP-64QAM	M	Outer_Full	18.02	18.12	PC3	PASS
N38	30	15	CP-64QAM	M	Inner_Full	18.25	18.35	PC3	PASS
N38	30	15	CP-256QAM	M	Edge_1RB_Left	16.21	16.31	PC3	PASS
N38	30	15	CP-256QAM	M	Edge_1RB_Right	16.60	16.70	PC3	PASS
N38	30	15	CP-256QAM	M	Outer_Full	15.37	15.47	PC3	PASS
N38	30	15	CP-256QAM	M	Inner_Full	15.63	15.73	PC3	PASS
N38	30	15	DFT-PI2BPSK	H	Edge_1RB_Left	19.30	19.40	PC3	PASS
N38	30	15	DFT-PI2BPSK	H	Edge_1RB_Right	19.66	19.76	PC3	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	18.69	18.79	PC3	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_Full	18.43	18.53	PC3	PASS
N38	30	15	DFT-QPSK	H	Edge_1RB_Left	19.32	19.42	PC3	PASS
N38	30	15	DFT-QPSK	H	Edge_1RB_Right	19.71	19.81	PC3	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	18.70	18.80	PC3	PASS
N38	30	15	DFT-QPSK	H	Inner_Full	18.45	18.55	PC3	PASS
N38	30	15	CP-QPSK	H	Edge_1RB_Left	9.25	9.35	PC3	PASS
N38	30	15	CP-QPSK	H	Edge_1RB_Right	9.29	9.39	PC3	PASS
N38	30	15	CP-QPSK	H	Outer_Full	9.38	9.48	PC3	PASS
N38	30	15	CP-QPSK	H	Inner_Full	9.32	9.42	PC3	PASS
N38	30	15	CP-16QAM	H	Edge_1RB_Left	9.40	9.50	PC3	PASS
N38	30	15	CP-16QAM	H	Edge_1RB_Right	9.40	9.50	PC3	PASS
N38	30	15	CP-16QAM	H	Outer_Full	9.41	9.51	PC3	PASS
N38	30	15	CP-16QAM	H	Inner_Full	9.33	9.43	PC3	PASS
N38	30	15	CP-64QAM	H	Edge_1RB_Left	19.52	19.62	PC3	PASS
N38	30	15	CP-64QAM	H	Edge_1RB_Right	20.11	20.21	PC3	PASS
N38	30	15	CP-64QAM	H	Outer_Full	18.47	18.57	PC3	PASS
N38	30	15	CP-64QAM	H	Inner_Full	18.68	18.78	PC3	PASS
N38	30	15	CP-256QAM	H	Edge_1RB_Left	16.68	16.78	PC3	PASS
N38	30	15	CP-256QAM	H	Edge_1RB_Right	17.08	17.18	PC3	PASS
N38	30	15	CP-256QAM	H	Outer_Full	15.77	15.87	PC3	PASS
N38	30	15	CP-256QAM	H	Inner_Full	16.03	16.13	PC3	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	19.54	19.64	PC3	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Right	20.04	20.14	PC3	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	18.88	18.98	PC3	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_Full	18.45	18.55	PC3	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Left	19.57	19.67	PC3	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Right	20.10	20.20	PC3	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	18.92	19.02	PC3	PASS
N38	30	20	DFT-QPSK	L	Inner_Full	18.50	18.60	PC3	PASS
N38	30	20	CP-QPSK	L	Edge_1RB_Left	9.56	9.66	PC3	PASS
N38	30	20	CP-QPSK	L	Edge_1RB_Right	9.67	9.77	PC3	PASS



N38	30	20	CP-QPSK	L	Outer_Full	9.68	9.78	PC3	PASS
N38	30	20	CP-QPSK	L	Inner_Full	9.62	9.72	PC3	PASS
N38	30	20	CP-16QAM	L	Edge_1RB_Left	19.63	19.73	PC3	PASS
N38	30	20	CP-16QAM	L	Edge_1RB_Right	20.13	20.23	PC3	PASS
N38	30	20	CP-16QAM	L	Outer_Full	19.08	19.18	PC3	PASS
N38	30	20	CP-16QAM	L	Inner_Full	18.96	19.06	PC3	PASS
N38	30	20	CP-64QAM	L	Edge_1RB_Left	19.70	19.80	PC3	PASS
N38	30	20	CP-64QAM	L	Edge_1RB_Right	20.32	20.42	PC3	PASS
N38	30	20	CP-64QAM	L	Outer_Full	18.53	18.63	PC3	PASS
N38	30	20	CP-64QAM	L	Inner_Full	18.46	18.56	PC3	PASS
N38	30	20	CP-256QAM	L	Edge_1RB_Left	16.68	16.78	PC3	PASS
N38	30	20	CP-256QAM	L	Edge_1RB_Right	17.26	17.36	PC3	PASS
N38	30	20	CP-256QAM	L	Outer_Full	15.77	15.87	PC3	PASS
N38	30	20	CP-256QAM	L	Inner_Full	15.69	15.79	PC3	PASS
N38	30	20	DFT-PI2BPSK	M	Edge_1RB_Right	19.99	20.09	PC3	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	18.86	18.96	PC3	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_Full	18.42	18.52	PC3	PASS
N38	30	20	DFT-QPSK	M	Edge_1RB_Left	19.51	19.61	PC3	PASS
N38	30	20	DFT-QPSK	M	Edge_1RB_Right	19.93	20.03	PC3	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	18.78	18.88	PC3	PASS
N38	30	20	DFT-QPSK	M	Inner_Full	18.36	18.46	PC3	PASS
N38	30	20	CP-QPSK	M	Edge_1RB_Left	19.30	19.40	PC3	PASS
N38	30	20	CP-QPSK	M	Edge_1RB_Right	19.80	19.90	PC3	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.86	18.96	PC3	PASS
N38	30	20	CP-QPSK	M	Inner_Full	18.80	18.90	PC3	PASS
N38	30	20	CP-16QAM	M	Edge_1RB_Left	19.31	19.41	PC3	PASS
N38	30	20	CP-16QAM	M	Edge_1RB_Right	19.75	19.85	PC3	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.80	18.90	PC3	PASS
N38	30	20	CP-16QAM	M	Inner_Full	18.74	18.84	PC3	PASS
N38	30	20	CP-64QAM	M	Edge_1RB_Left	19.49	19.59	PC3	PASS
N38	30	20	CP-64QAM	M	Edge_1RB_Right	19.99	20.09	PC3	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.27	18.37	PC3	PASS
N38	30	20	CP-64QAM	M	Inner_Full	18.24	18.34	PC3	PASS
N38	30	20	CP-256QAM	M	Edge_1RB_Left	16.50	16.60	PC3	PASS
N38	30	20	CP-256QAM	M	Edge_1RB_Right	16.97	17.07	PC3	PASS
N38	30	20	CP-256QAM	M	Outer_Full	15.58	15.68	PC3	PASS
N38	30	20	CP-256QAM	M	Inner_Full	15.51	15.61	PC3	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	19.76	19.86	PC3	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Right	20.32	20.42	PC3	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	19.15	19.25	PC3	PASS



N38	30	20	DFT-PI2BPSK	H	Inner_Full	18.70	18.80	PC3	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Left	19.86	19.96	PC3	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Right	20.38	20.48	PC3	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	19.15	19.25	PC3	PASS
N38	30	20	DFT-QPSK	H	Inner_Full	18.72	18.82	PC3	PASS
N38	30	20	CP-QPSK	H	Edge_1RB_Left	19.61	19.71	PC3	PASS
N38	30	20	CP-QPSK	H	Edge_1RB_Right	20.29	20.39	PC3	PASS
N38	30	20	CP-QPSK	H	Outer_Full	19.26	19.36	PC3	PASS
N38	30	20	CP-QPSK	H	Inner_Full	19.17	19.27	PC3	PASS
N38	30	20	CP-16QAM	H	Edge_1RB_Left	19.75	19.85	PC3	PASS
N38	30	20	CP-16QAM	H	Edge_1RB_Right	20.34	20.44	PC3	PASS
N38	30	20	CP-16QAM	H	Outer_Full	19.24	19.34	PC3	PASS
N38	30	20	CP-16QAM	H	Inner_Full	19.14	19.24	PC3	PASS
N38	30	20	CP-64QAM	H	Edge_1RB_Left	19.88	19.98	PC3	PASS
N38	30	20	CP-64QAM	H	Edge_1RB_Right	19.78	19.88	PC3	PASS
N38	30	20	CP-64QAM	H	Outer_Full	18.96	19.06	PC3	PASS
N38	30	20	CP-64QAM	H	Inner_Full	18.79	18.89	PC3	PASS
N38	30	20	CP-256QAM	H	Edge_1RB_Left	17.07	17.17	PC3	PASS
N38	30	20	CP-256QAM	H	Edge_1RB_Right	17.66	17.76	PC3	PASS
N38	30	20	CP-256QAM	H	Outer_Full	16.14	16.24	PC3	PASS
N38	30	20	CP-256QAM	H	Inner_Full	16.04	16.14	PC3	PASS
N38	30	30	DFT-PI2BPSK	L	Edge_1RB_Left	23.70	23.80	PC3	PASS
N38	30	30	DFT-PI2BPSK	L	Edge_1RB_Right	24.06	24.16	PC3	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	22.84	22.94	PC3	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_Full	22.37	22.47	PC3	PASS
N38	30	30	DFT-QPSK	L	Edge_1RB_Left	23.60	23.70	PC3	PASS
N38	30	30	DFT-QPSK	L	Edge_1RB_Right	24.00	24.10	PC3	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	22.72	22.82	PC3	PASS
N38	30	30	DFT-QPSK	L	Inner_Full	22.25	22.35	PC3	PASS
N38	30	30	CP-QPSK	L	Edge_1RB_Left	23.59	23.69	PC3	PASS
N38	30	30	CP-QPSK	L	Edge_1RB_Right	24.06	24.16	PC3	PASS
N38	30	30	CP-QPSK	L	Outer_Full	22.88	22.98	PC3	PASS
N38	30	30	CP-QPSK	L	Inner_Full	22.44	22.54	PC3	PASS
N38	30	30	CP-16QAM	L	Edge_1RB_Left	23.59	23.69	PC3	PASS
N38	30	30	CP-16QAM	L	Edge_1RB_Right	23.95	24.05	PC3	PASS
N38	30	30	CP-16QAM	L	Outer_Full	22.85	22.95	PC3	PASS
N38	30	30	CP-16QAM	L	Inner_Full	22.39	22.49	PC3	PASS
N38	30	30	CP-64QAM	L	Edge_1RB_Left	23.56	23.66	PC3	PASS
N38	30	30	CP-64QAM	L	Edge_1RB_Right	24.08	24.18	PC3	PASS
N38	30	30	CP-64QAM	L	Outer_Full	22.29	22.39	PC3	PASS



N38	30	30	CP-64QAM	L	Inner_Full	22.40	22.50	PC3	PASS
N38	30	30	CP-256QAM	L	Edge_1RB_Left	20.62	20.72	PC3	PASS
N38	30	30	CP-256QAM	L	Edge_1RB_Right	20.96	21.06	PC3	PASS
N38	30	30	CP-256QAM	L	Outer_Full	19.35	19.45	PC3	PASS
N38	30	30	CP-256QAM	L	Inner_Full	19.44	19.54	PC3	PASS
N38	30	30	DFT-PI2BPSK	M	Edge_1RB_Left	23.23	23.33	PC3	PASS
N38	30	30	DFT-PI2BPSK	M	Edge_1RB_Right	23.53	23.63	PC3	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	22.37	22.47	PC3	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_Full	21.94	22.04	PC3	PASS
N38	30	30	DFT-QPSK	M	Edge_1RB_Left	23.37	23.47	PC3	PASS
N38	30	30	DFT-QPSK	M	Edge_1RB_Right	23.60	23.70	PC3	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	22.42	22.52	PC3	PASS
N38	30	30	DFT-QPSK	M	Inner_Full	21.98	22.08	PC3	PASS
N38	30	30	CP-QPSK	M	Edge_1RB_Left	23.19	23.29	PC3	PASS
N38	30	30	CP-QPSK	M	Edge_1RB_Right	23.56	23.66	PC3	PASS
N38	30	30	CP-QPSK	M	Outer_Full	22.62	22.72	PC3	PASS
N38	30	30	CP-QPSK	M	Inner_Full	22.20	22.30	PC3	PASS
N38	30	30	CP-16QAM	M	Edge_1RB_Left	23.36	23.46	PC3	PASS
N38	30	30	CP-16QAM	M	Edge_1RB_Right	23.74	23.84	PC3	PASS
N38	30	30	CP-16QAM	M	Outer_Full	22.56	22.66	PC3	PASS
N38	30	30	CP-16QAM	M	Inner_Full	22.15	22.25	PC3	PASS
N38	30	30	CP-64QAM	M	Edge_1RB_Left	23.32	23.42	PC3	PASS
N38	30	30	CP-64QAM	M	Edge_1RB_Right	23.65	23.75	PC3	PASS
N38	30	30	CP-64QAM	M	Outer_Full	22.04	22.14	PC3	PASS
N38	30	30	CP-64QAM	M	Inner_Full	22.17	22.27	PC3	PASS
N38	30	30	CP-256QAM	M	Edge_1RB_Left	20.33	20.43	PC3	PASS
N38	30	30	CP-256QAM	M	Edge_1RB_Right	20.64	20.74	PC3	PASS
N38	30	30	CP-256QAM	M	Outer_Full	19.05	19.15	PC3	PASS
N38	30	30	CP-256QAM	M	Inner_Full	19.15	19.25	PC3	PASS
N38	30	30	DFT-PI2BPSK	H	Edge_1RB_Left	23.64	23.74	PC3	PASS
N38	30	30	DFT-PI2BPSK	H	Edge_1RB_Right	23.93	24.03	PC3	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	22.70	22.80	PC3	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_Full	22.24	22.34	PC3	PASS
N38	30	30	DFT-QPSK	H	Edge_1RB_Left	23.77	23.87	PC3	PASS
N38	30	30	DFT-QPSK	H	Edge_1RB_Right	23.96	24.06	PC3	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	22.73	22.83	PC3	PASS
N38	30	30	DFT-QPSK	H	Inner_Full	22.27	22.37	PC3	PASS
N38	30	30	CP-QPSK	H	Edge_1RB_Left	23.64	23.74	PC3	PASS
N38	30	30	CP-QPSK	H	Edge_1RB_Right	24.00	24.10	PC3	PASS
N38	30	30	CP-QPSK	H	Outer_Full	22.94	23.04	PC3	PASS



N38	30	30	CP-QPSK	H	Inner_Full	22.48	22.58	PC3	PASS
N38	30	30	CP-16QAM	H	Edge_1RB_Left	23.61	23.71	PC3	PASS
N38	30	30	CP-16QAM	H	Edge_1RB_Right	24.12	24.22	PC3	PASS
N38	30	30	CP-16QAM	H	Outer_Full	22.90	23.00	PC3	PASS
N38	30	30	CP-16QAM	H	Inner_Full	22.44	22.54	PC3	PASS
N38	30	30	CP-64QAM	H	Edge_1RB_Left	23.71	23.81	PC3	PASS
N38	30	30	CP-64QAM	H	Edge_1RB_Right	24.11	24.21	PC3	PASS
N38	30	30	CP-64QAM	H	Outer_Full	22.35	22.45	PC3	PASS
N38	30	30	CP-64QAM	H	Inner_Full	22.45	22.55	PC3	PASS
N38	30	30	CP-256QAM	H	Edge_1RB_Left	20.75	20.85	PC3	PASS
N38	30	30	CP-256QAM	H	Edge_1RB_Right	21.08	21.18	PC3	PASS
N38	30	30	CP-256QAM	H	Outer_Full	19.40	19.50	PC3	PASS
N38	30	30	CP-256QAM	H	Inner_Full	19.49	19.59	PC3	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	24.04	24.14	PC3	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Right	24.39	24.49	PC3	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	22.93	23.03	PC3	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_Full	22.43	22.53	PC3	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Left	24.22	24.32	PC3	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Right	24.48	24.58	PC3	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	22.98	23.08	PC3	PASS
N38	30	40	DFT-QPSK	L	Inner_Full	22.30	22.40	PC3	PASS
N38	30	40	CP-QPSK	L	Edge_1RB_Left	11.59	11.69	PC3	PASS
N38	30	40	CP-QPSK	L	Edge_1RB_Right	11.59	11.69	PC3	PASS
N38	30	40	CP-QPSK	L	Outer_Full	23.28	23.38	PC3	PASS
N38	30	40	CP-QPSK	L	Inner_Full	22.59	22.69	PC3	PASS
N38	30	40	CP-16QAM	L	Edge_1RB_Left	24.14	24.24	PC3	PASS
N38	30	40	CP-16QAM	L	Edge_1RB_Right	24.45	24.55	PC3	PASS
N38	30	40	CP-16QAM	L	Outer_Full	23.22	23.32	PC3	PASS
N38	30	40	CP-16QAM	L	Inner_Full	22.49	22.59	PC3	PASS
N38	30	40	CP-64QAM	L	Edge_1RB_Left	24.02	24.12	PC3	PASS
N38	30	40	CP-64QAM	L	Edge_1RB_Right	24.50	24.60	PC3	PASS
N38	30	40	CP-64QAM	L	Outer_Full	22.60	22.70	PC3	PASS
N38	30	40	CP-64QAM	L	Inner_Full	22.46	22.56	PC3	PASS
N38	30	40	CP-256QAM	L	Edge_1RB_Left	21.17	21.27	PC3	PASS
N38	30	40	CP-256QAM	L	Edge_1RB_Right	21.40	21.50	PC3	PASS
N38	30	40	CP-256QAM	L	Outer_Full	19.66	19.76	PC3	PASS
N38	30	40	CP-256QAM	L	Inner_Full	19.47	19.57	PC3	PASS
N38	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	23.94	24.04	PC3	PASS
N38	30	40	DFT-PI2BPSK	M	Edge_1RB_Right	24.30	24.40	PC3	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	22.76	22.86	PC3	PASS



N38	30	40	DFT-PI2BPSK	M	Inner_Full	22.08	22.18	PC3	PASS
N38	30	40	DFT-QPSK	M	Edge_1RB_Left	24.02	24.12	PC3	PASS
N38	30	40	DFT-QPSK	M	Edge_1RB_Right	24.27	24.37	PC3	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	22.78	22.88	PC3	PASS
N38	30	40	DFT-QPSK	M	Inner_Full	22.13	22.23	PC3	PASS
N38	30	40	CP-QPSK	M	Edge_1RB_Left	23.95	24.05	PC3	PASS
N38	30	40	CP-QPSK	M	Edge_1RB_Right	24.17	24.27	PC3	PASS
N38	30	40	CP-QPSK	M	Outer_Full	23.06	23.16	PC3	PASS
N38	30	40	CP-QPSK	M	Inner_Full	22.34	22.44	PC3	PASS
N38	30	40	CP-16QAM	M	Edge_1RB_Left	23.91	24.01	PC3	PASS
N38	30	40	CP-16QAM	M	Edge_1RB_Right	24.32	24.42	PC3	PASS
N38	30	40	CP-16QAM	M	Outer_Full	22.98	23.08	PC3	PASS
N38	30	40	CP-16QAM	M	Inner_Full	22.30	22.40	PC3	PASS
N38	30	40	CP-64QAM	M	Edge_1RB_Left	23.99	24.09	PC3	PASS
N38	30	40	CP-64QAM	M	Edge_1RB_Right	24.36	24.46	PC3	PASS
N38	30	40	CP-64QAM	M	Outer_Full	22.47	22.57	PC3	PASS
N38	30	40	CP-64QAM	M	Inner_Full	22.31	22.41	PC3	PASS
N38	30	40	CP-256QAM	M	Edge_1RB_Left	20.94	21.04	PC3	PASS
N38	30	40	CP-256QAM	M	Edge_1RB_Right	21.26	21.36	PC3	PASS
N38	30	40	CP-256QAM	M	Outer_Full	19.48	19.58	PC3	PASS
N38	30	40	CP-256QAM	M	Inner_Full	19.32	19.42	PC3	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	24.04	24.14	PC3	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Right	24.46	24.56	PC3	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	22.89	22.99	PC3	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_Full	22.21	22.31	PC3	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Left	24.18	24.28	PC3	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Right	24.48	24.58	PC3	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	22.90	23.00	PC3	PASS
N38	30	40	DFT-QPSK	H	Inner_Full	22.24	22.34	PC3	PASS
N38	30	40	CP-QPSK	H	Edge_1RB_Left	23.99	24.09	PC3	PASS
N38	30	40	CP-QPSK	H	Edge_1RB_Right	24.42	24.52	PC3	PASS
N38	30	40	CP-QPSK	H	Outer_Full	23.18	23.28	PC3	PASS
N38	30	40	CP-QPSK	H	Inner_Full	22.46	22.56	PC3	PASS
N38	30	40	CP-16QAM	H	Edge_1RB_Left	24.02	24.12	PC3	PASS
N38	30	40	CP-16QAM	H	Edge_1RB_Right	24.48	24.58	PC3	PASS
N38	30	40	CP-16QAM	H	Outer_Full	23.16	23.26	PC3	PASS
N38	30	40	CP-16QAM	H	Inner_Full	22.42	22.52	PC3	PASS
N38	30	40	CP-64QAM	H	Edge_1RB_Left	24.02	24.12	PC3	PASS
N38	30	40	CP-64QAM	H	Edge_1RB_Right	24.48	24.58	PC3	PASS
N38	30	40	CP-64QAM	H	Outer_Full	22.61	22.71	PC3	PASS



N38	30	40	CP-64QAM	H	Inner_Full	22.43	22.53	PC3	PASS
N38	30	40	CP-256QAM	H	Edge_1RB_Left	21.27	21.37	PC3	PASS
N38	30	40	CP-256QAM	H	Edge_1RB_Right	21.58	21.68	PC3	PASS
N38	30	40	CP-256QAM	H	Outer_Full	19.78	19.88	PC3	PASS
N38	30	40	CP-256QAM	H	Inner_Full	19.57	19.67	PC3	PASS



Appendix B: Peak-to-Average Ratio

Peak-to-Average Ratio

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result(dB)	Limit(dB)	Verdict
N38	30	40	DFT-PI2BPSK	L	Outer_Full	9.20	≤13	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	8.80	≤13	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	9.43	≤13	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	9.25	≤13	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	9.62	≤13	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	8.92	≤13	PASS



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% OBW (MHz)	26dB BW (MHz)	Verdict
N38	30	10	DFT-QPSK	L	Outer_Full	8.607	9.660	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	8.607	9.620	PASS
N38	30	10	CP-QPSK	L	Outer_Full	8.604	9.560	PASS
N38	30	10	CP-16QAM	L	Outer_Full	8.6	9.440	PASS
N38	30	10	CP-64QAM	L	Outer_Full	8.595	9.580	PASS
N38	30	10	CP-256QAM	L	Outer_Full	8.585	9.520	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	8.56	9.660	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.607	9.400	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.614	9.700	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.597	9.780	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.594	9.540	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.638	9.420	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	8.629	9.600	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	8.597	9.620	PASS
N38	30	10	CP-QPSK	H	Outer_Full	8.589	9.460	PASS
N38	30	10	CP-16QAM	H	Outer_Full	8.548	9.660	PASS
N38	30	10	CP-64QAM	H	Outer_Full	8.59	9.600	PASS
N38	30	10	CP-256QAM	H	Outer_Full	8.59	9.620	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	12.937	14.070	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	12.885	14.250	PASS
N38	30	15	CP-QPSK	L	Outer_Full	13.632	14.340	PASS
N38	30	15	CP-16QAM	L	Outer_Full	13.695	14.490	PASS
N38	30	15	CP-64QAM	L	Outer_Full	13.613	14.520	PASS
N38	30	15	CP-256QAM	L	Outer_Full	13.643	14.580	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.963	14.220	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.913	14.460	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.642	14.640	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.697	14.760	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.664	14.700	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.635	14.730	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	12.901	14.430	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	12.859	14.130	PASS
N38	30	15	CP-QPSK	H	Outer_Full	13.657	14.640	PASS



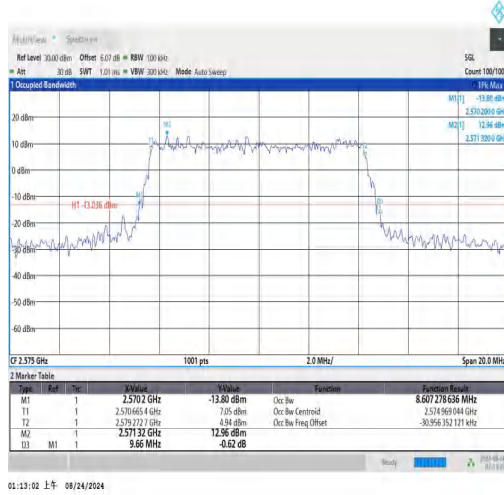
N38	30	15	CP-16QAM	H	Outer_Full	13.64	14.820	PASS
N38	30	15	CP-64QAM	H	Outer_Full	13.671	14.790	PASS
N38	30	15	CP-256QAM	H	Outer_Full	13.646	14.670	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	17.867	19.240	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	17.889	19.240	PASS
N38	30	20	CP-QPSK	L	Outer_Full	18.271	19.520	PASS
N38	30	20	CP-16QAM	L	Outer_Full	18.226	19.480	PASS
N38	30	20	CP-64QAM	L	Outer_Full	18.275	19.320	PASS
N38	30	20	CP-256QAM	L	Outer_Full	18.248	19.360	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.849	18.960	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.922	19.200	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.246	19.520	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.233	19.400	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.246	19.480	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.231	19.080	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	17.862	19.000	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	17.872	19.160	PASS
N38	30	20	CP-QPSK	H	Outer_Full	18.209	19.520	PASS
N38	30	20	CP-16QAM	H	Outer_Full	18.249	19.280	PASS
N38	30	20	CP-64QAM	H	Outer_Full	18.255	19.360	PASS
N38	30	20	CP-256QAM	H	Outer_Full	18.301	19.160	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	26.811	28.500	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	26.791	28.980	PASS
N38	30	30	CP-QPSK	L	Outer_Full	27.87	29.280	PASS
N38	30	30	CP-16QAM	L	Outer_Full	27.838	29.280	PASS
N38	30	30	CP-64QAM	L	Outer_Full	27.916	29.340	PASS
N38	30	30	CP-256QAM	L	Outer_Full	27.866	29.580	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.882	28.800	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.884	28.620	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.867	29.520	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.908	29.400	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.867	29.220	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.93	29.400	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	26.813	28.740	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	26.916	28.380	PASS
N38	30	30	CP-QPSK	H	Outer_Full	27.895	29.280	PASS
N38	30	30	CP-16QAM	H	Outer_Full	27.999	29.100	PASS
N38	30	30	CP-64QAM	H	Outer_Full	27.943	29.460	PASS
N38	30	30	CP-256QAM	H	Outer_Full	27.917	29.160	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	35.831	37.840	PASS



N38	30	40	DFT-PI2BPSK	L	Outer_Full	35.964	37.760	PASS
N38	30	40	CP-QPSK	L	Outer_Full	37.979	39.760	PASS
N38	30	40	CP-16QAM	L	Outer_Full	38.031	39.680	PASS
N38	30	40	CP-64QAM	L	Outer_Full	37.93	39.440	PASS
N38	30	40	CP-256QAM	L	Outer_Full	37.821	39.600	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.911	37.600	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.836	37.920	PASS
N38	30	40	CP-QPSK	M	Outer_Full	37.931	39.440	PASS
N38	30	40	CP-16QAM	M	Outer_Full	38.021	39.440	PASS
N38	30	40	CP-64QAM	M	Outer_Full	37.864	39.600	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.944	39.920	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	35.968	37.600	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	36.044	37.520	PASS
N38	30	40	CP-QPSK	H	Outer_Full	37.972	39.520	PASS
N38	30	40	CP-16QAM	H	Outer_Full	37.993	39.840	PASS
N38	30	40	CP-64QAM	H	Outer_Full	37.964	39.760	PASS
N38	30	40	CP-256QAM	H	Outer_Full	37.923	39.360	PASS

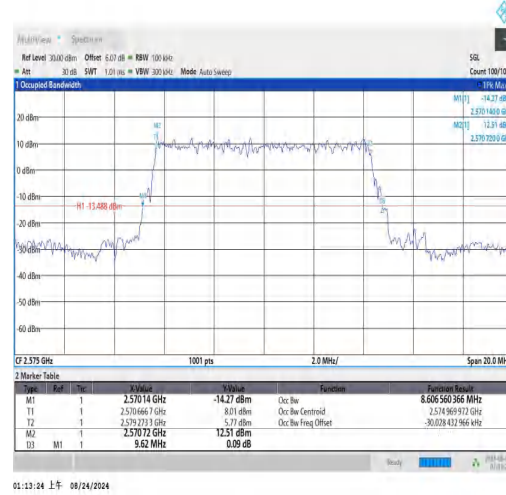


Test Graphs



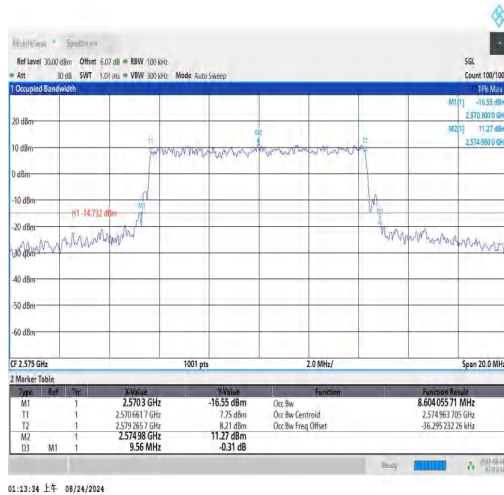
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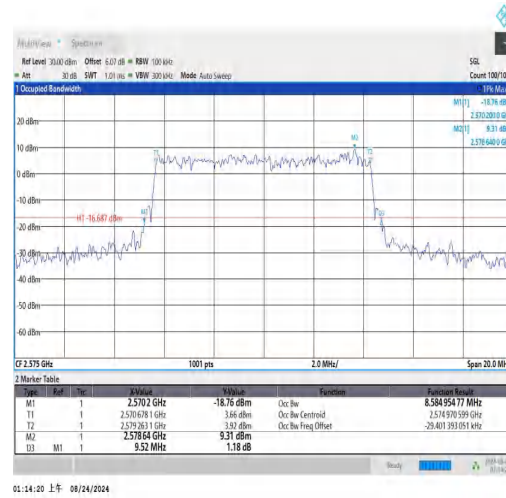


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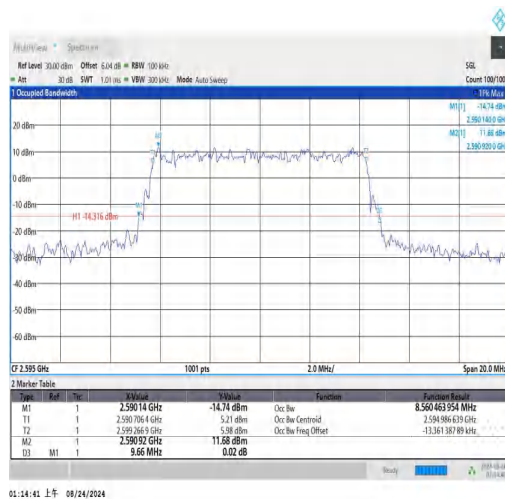
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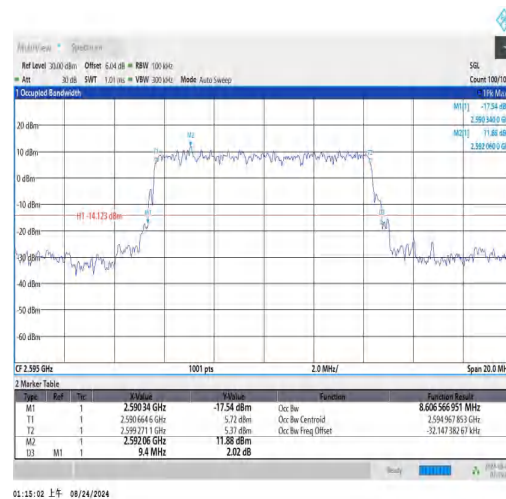
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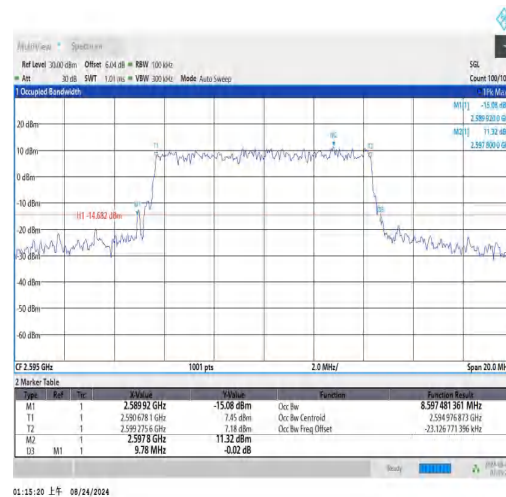
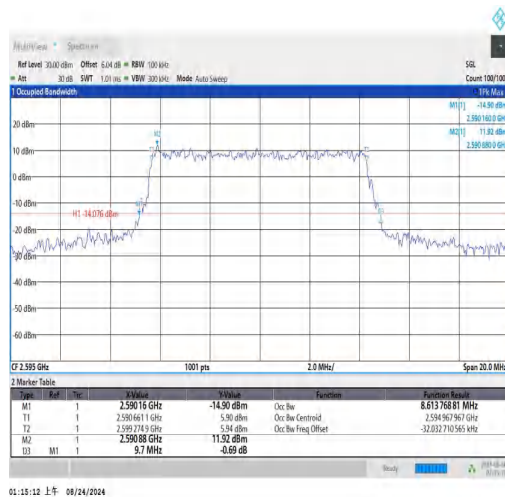
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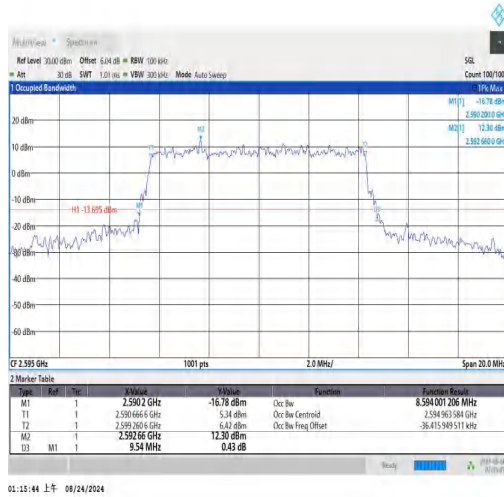


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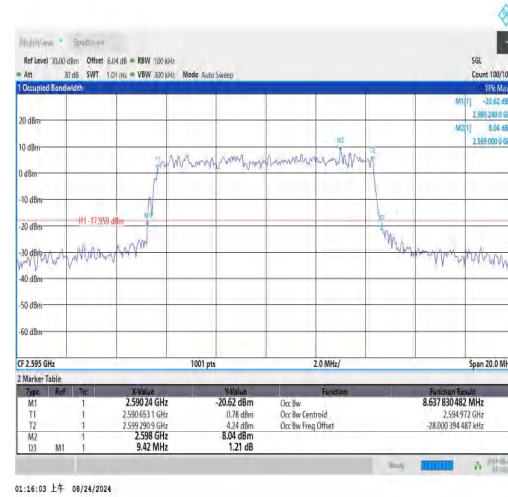


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01:15:44 上午 08/24/2024

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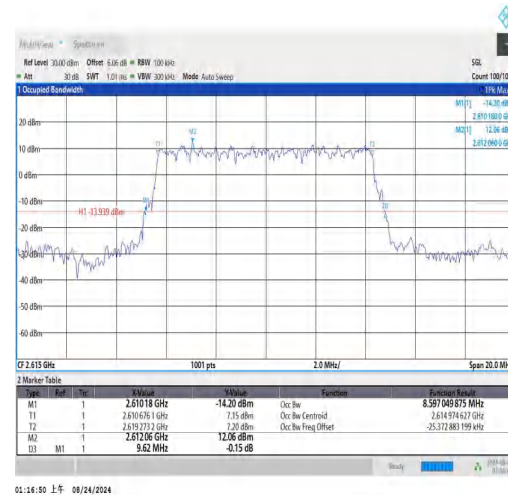
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01:16:25 上午 08/24/2024

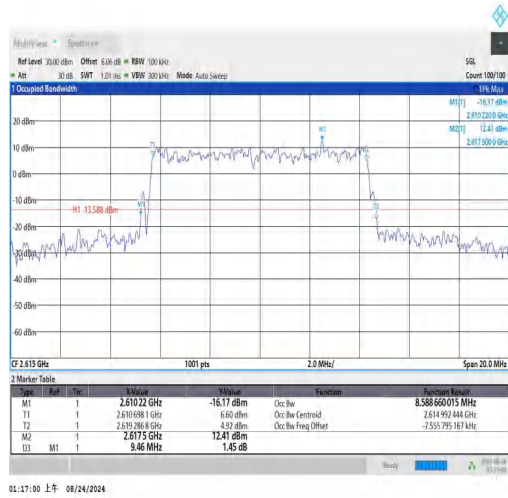
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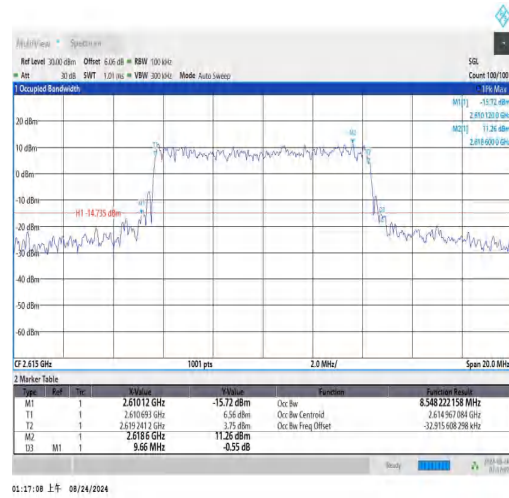
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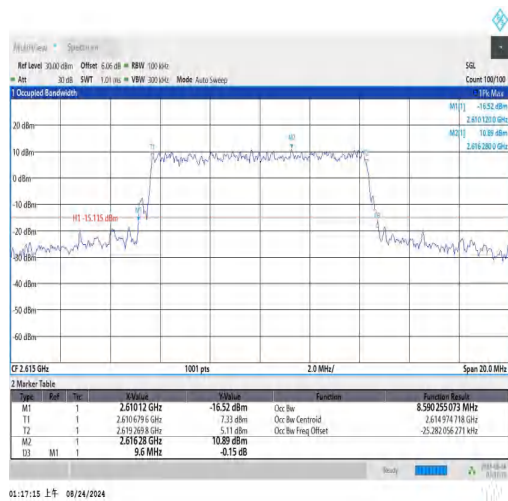
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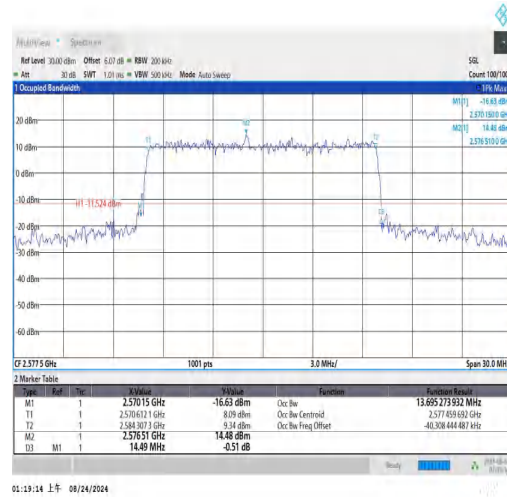




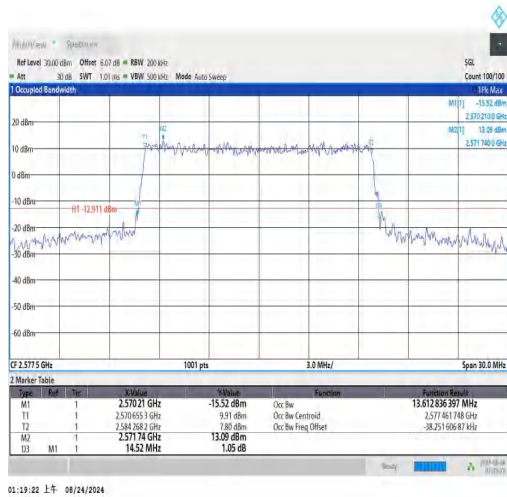
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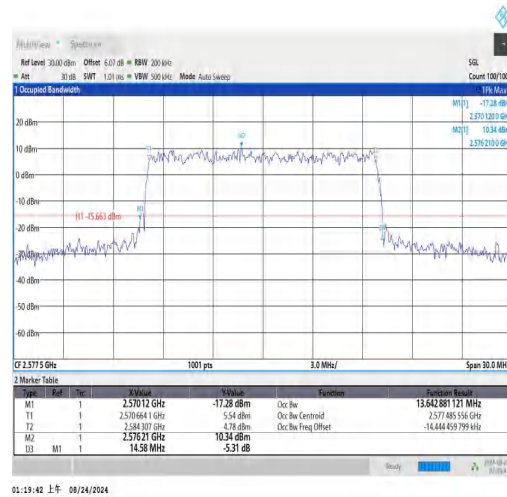
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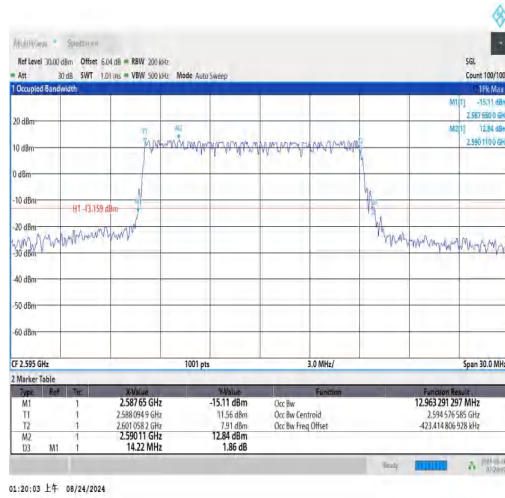


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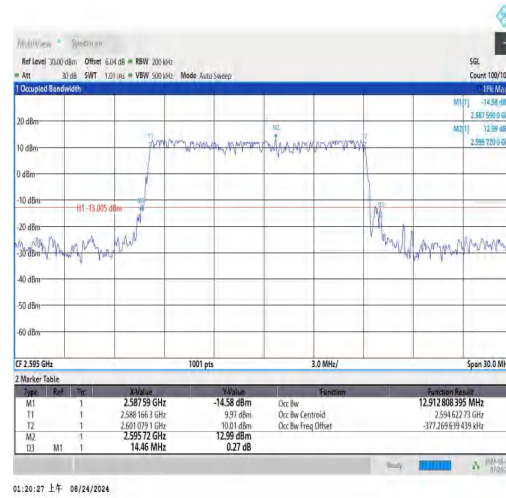


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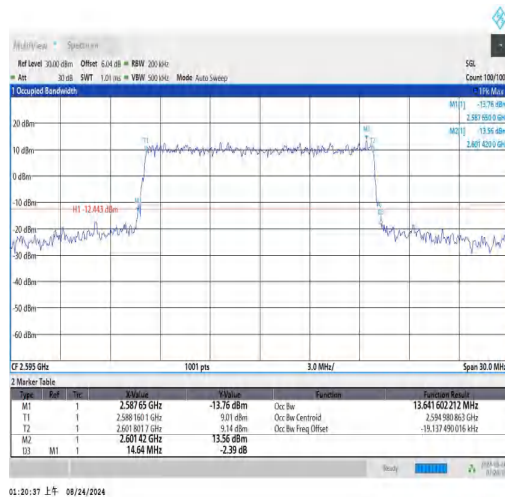
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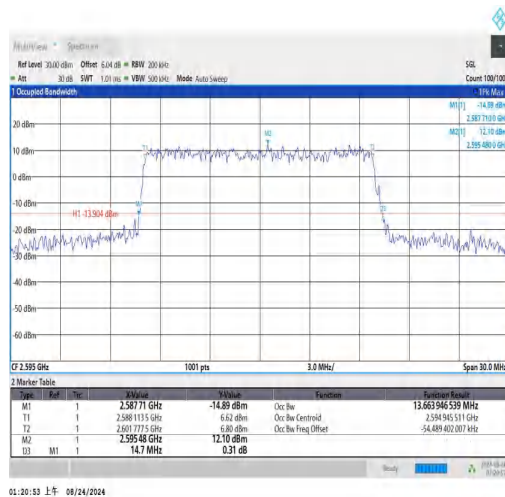
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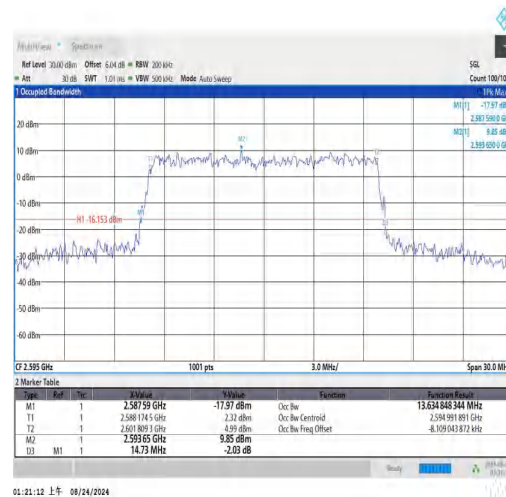
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NTNV_N38_PC3_30_15_M_TID4_Ant1#1



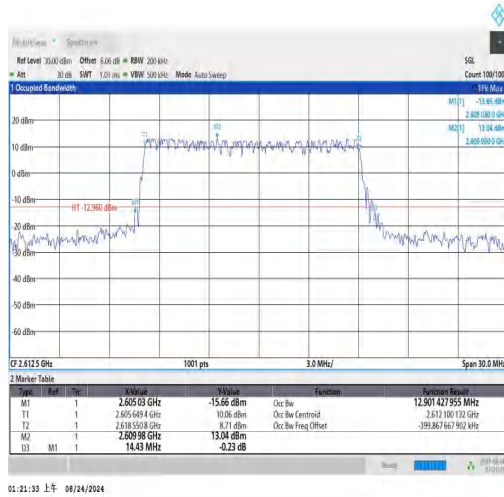
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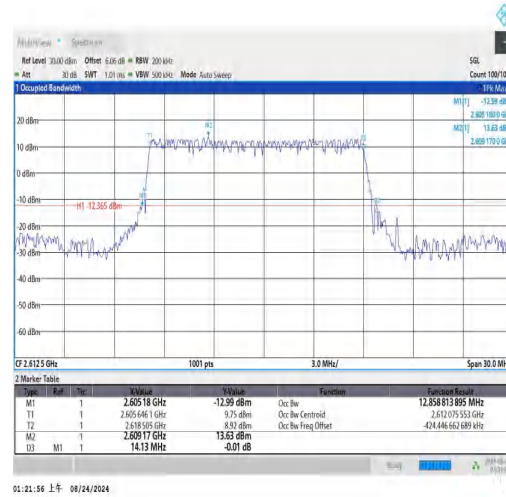
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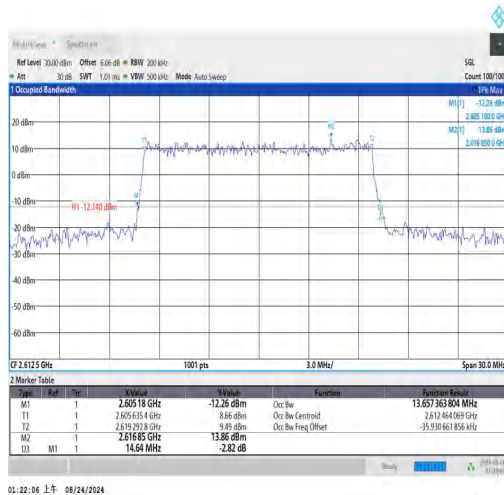
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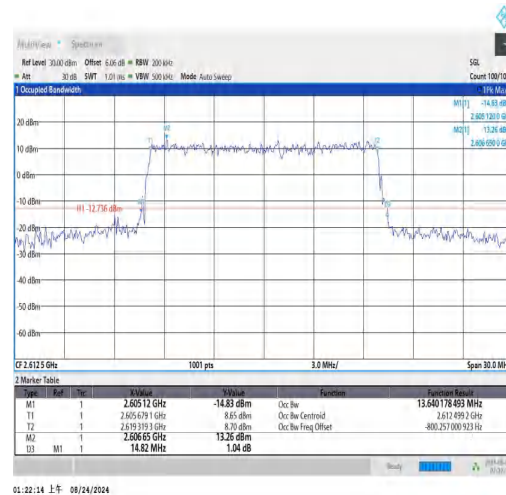
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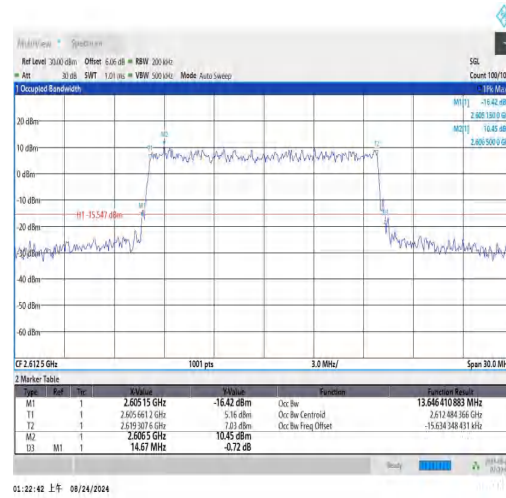


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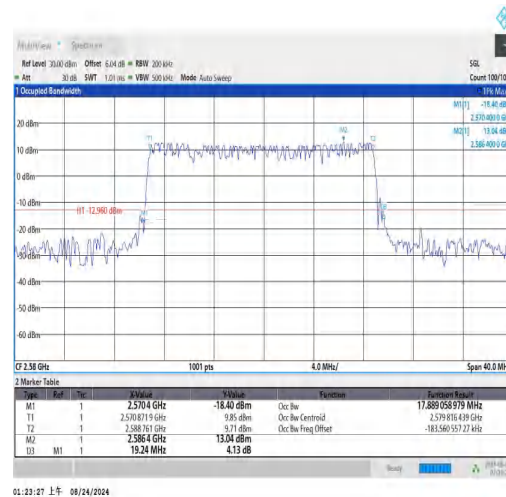
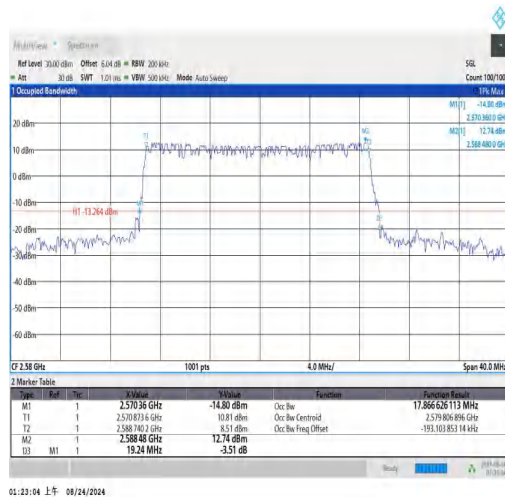
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NTNV_N38_PC3_30_15_H_TID4_Ant1#1



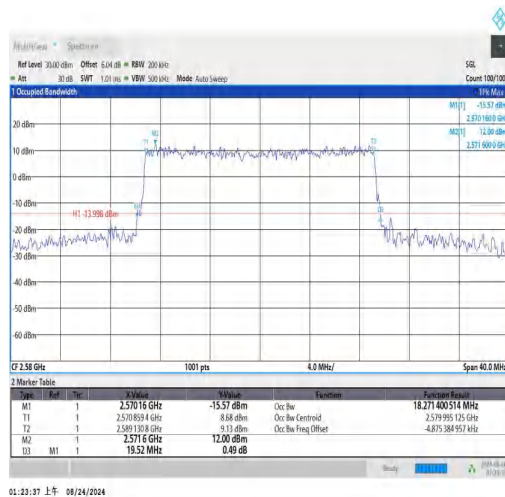
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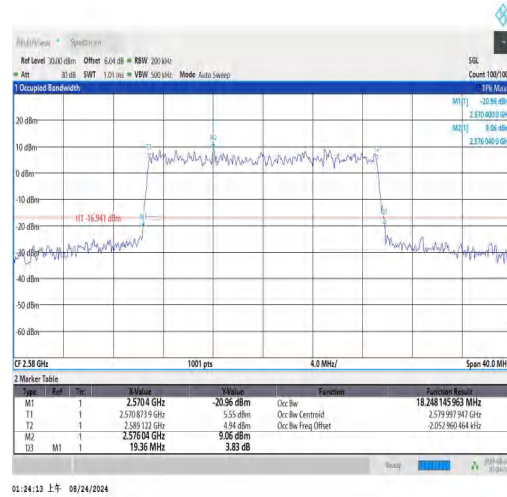




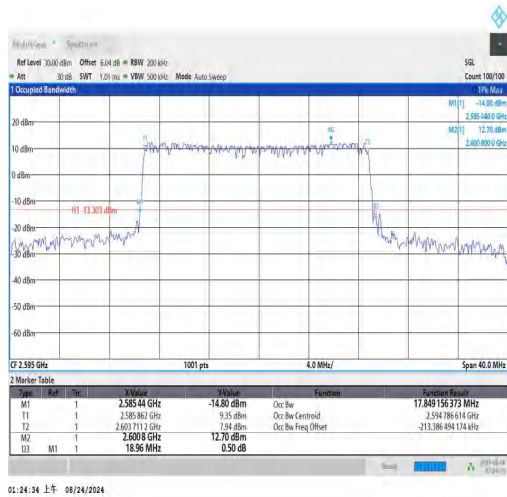
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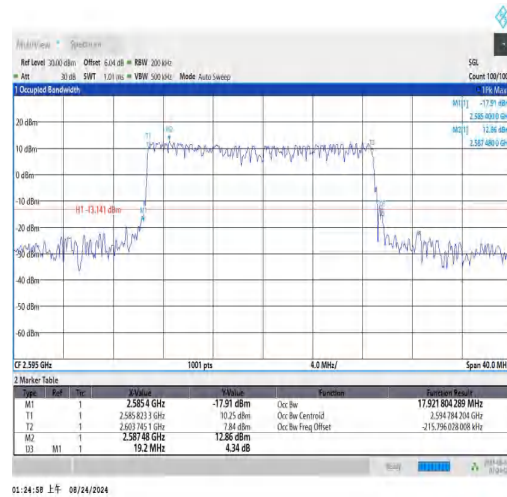
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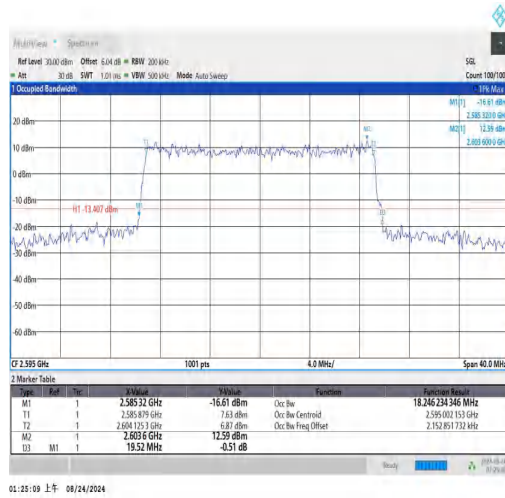


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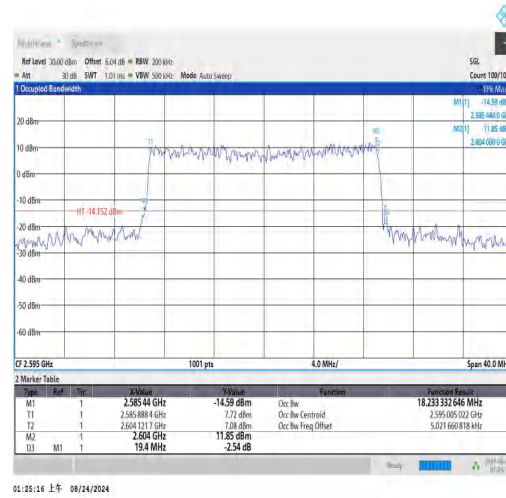


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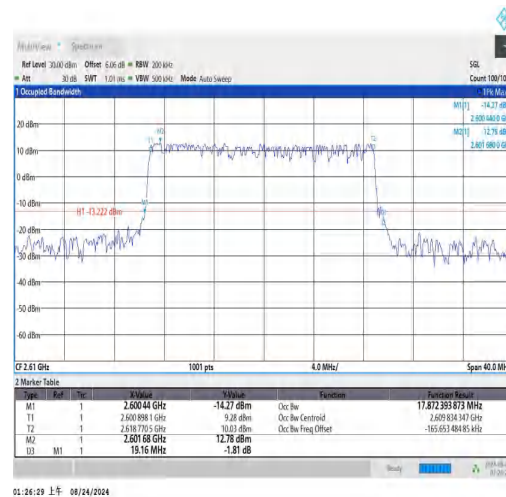
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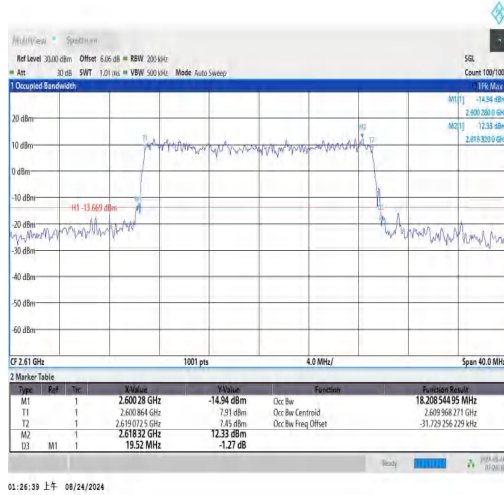


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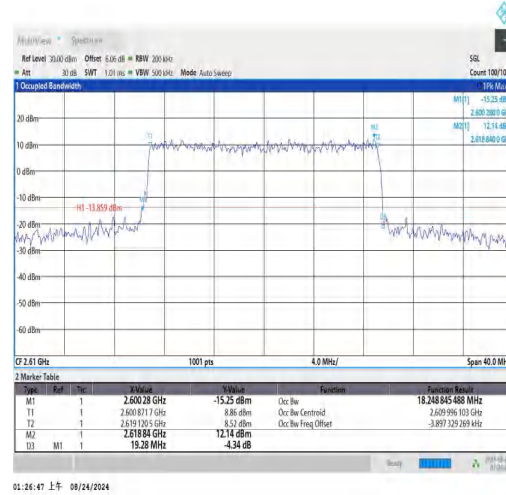




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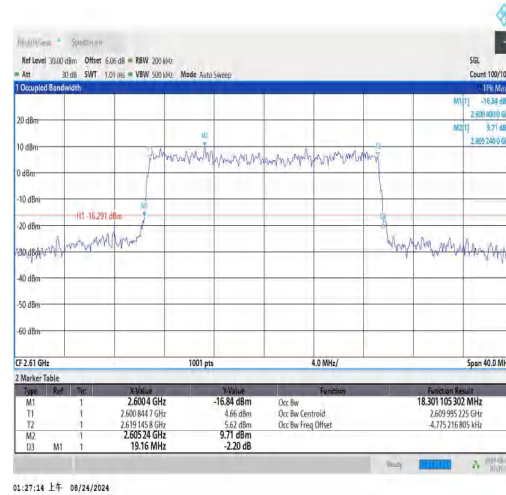
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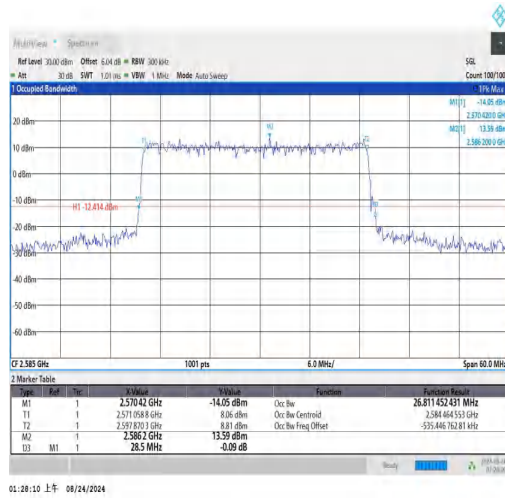


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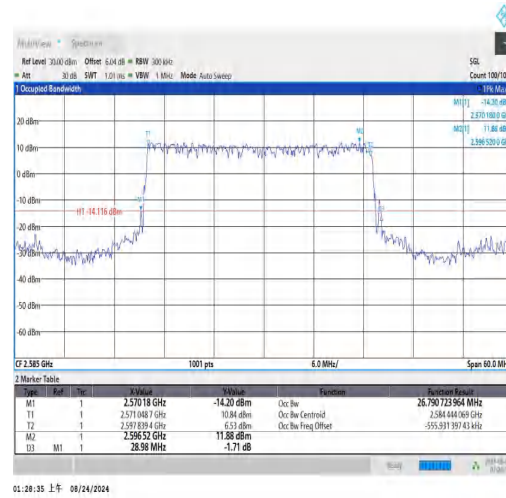


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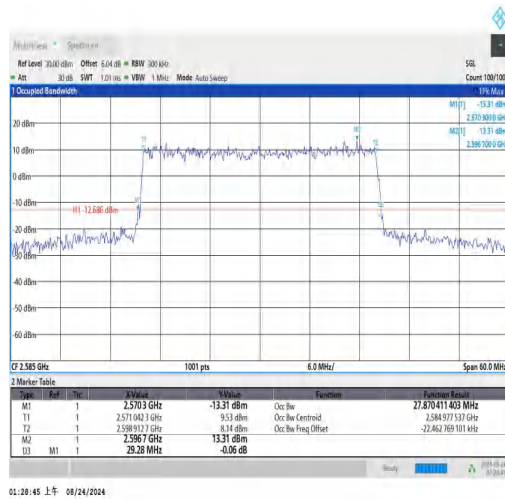
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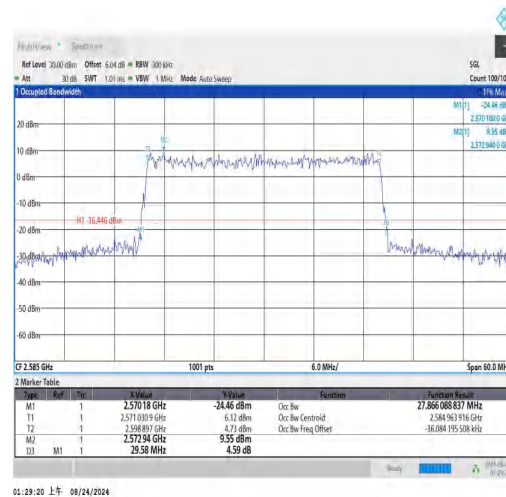
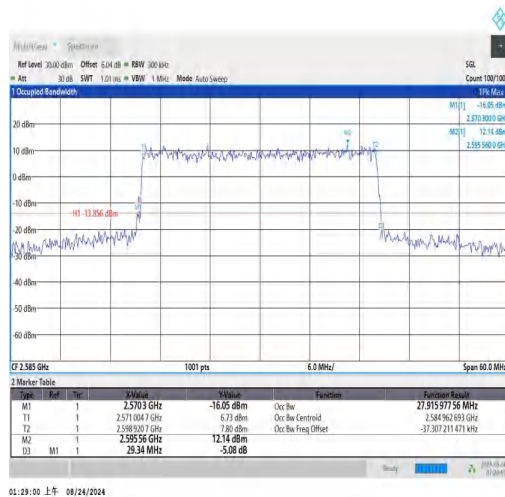
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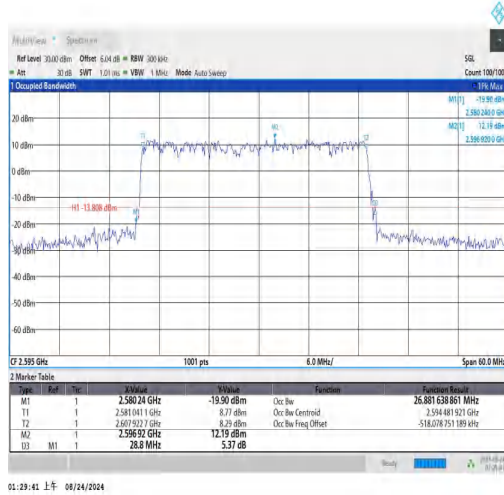


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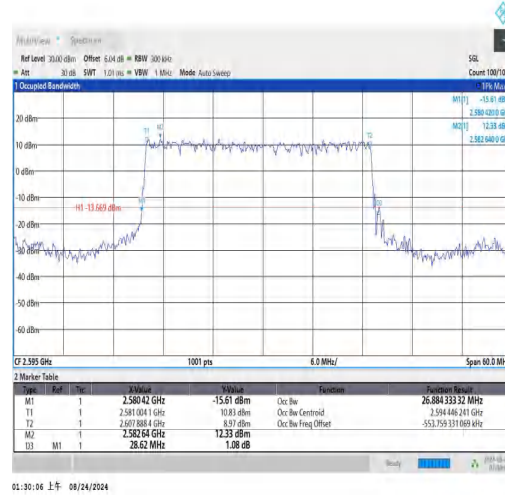




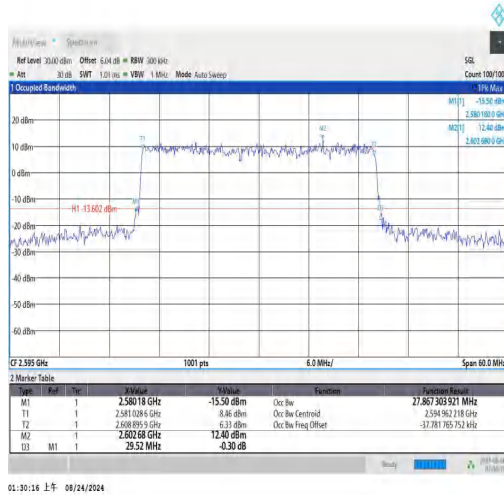
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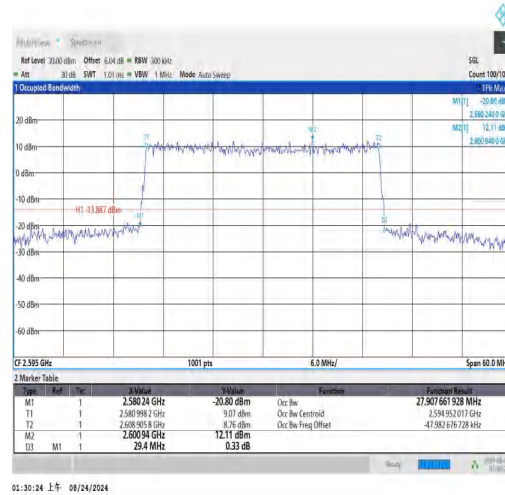
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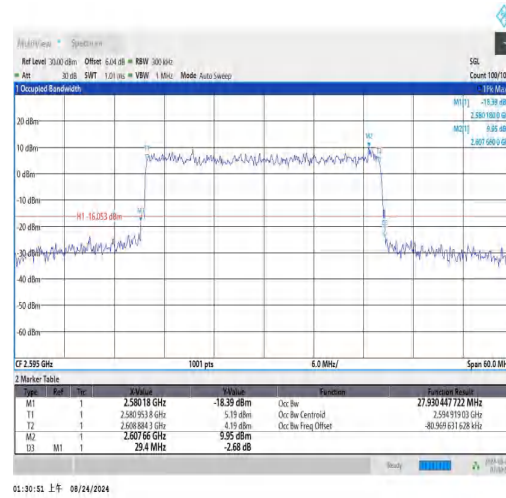
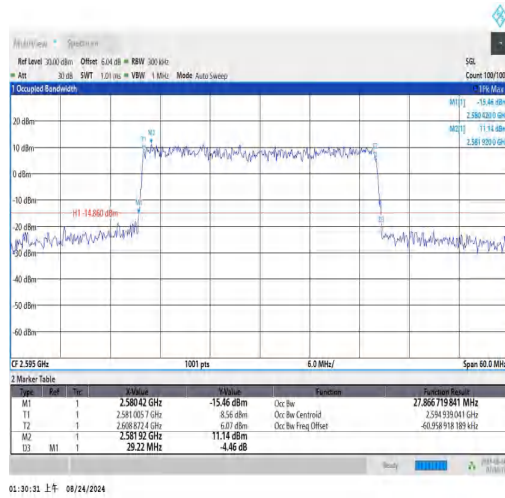


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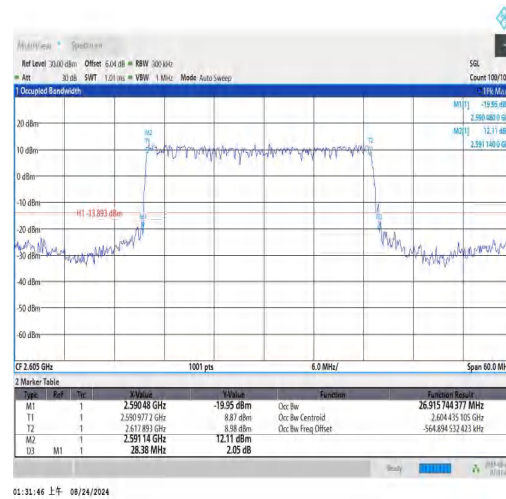
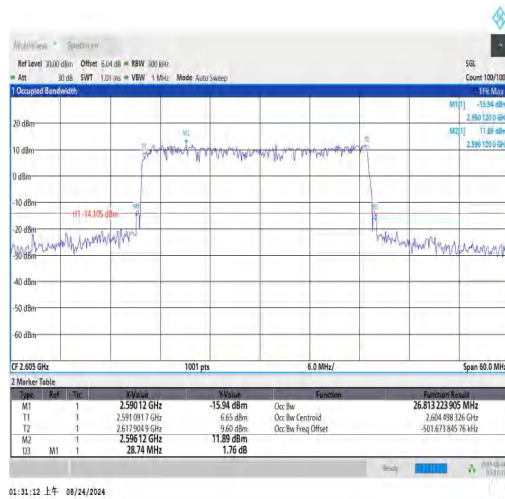
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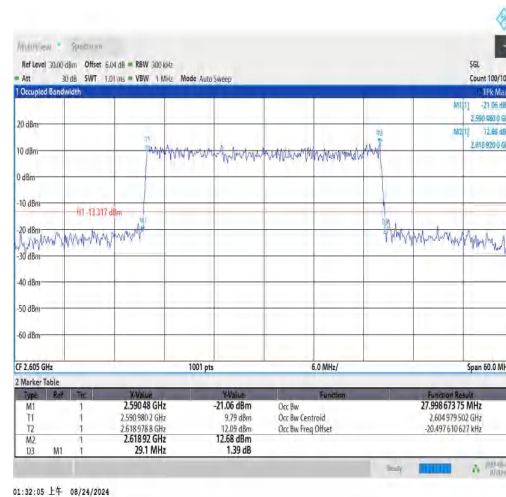
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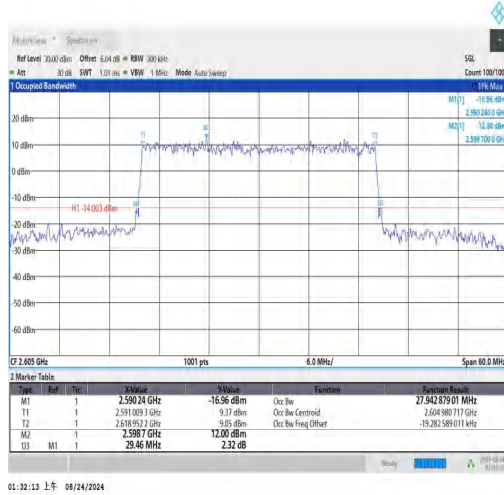
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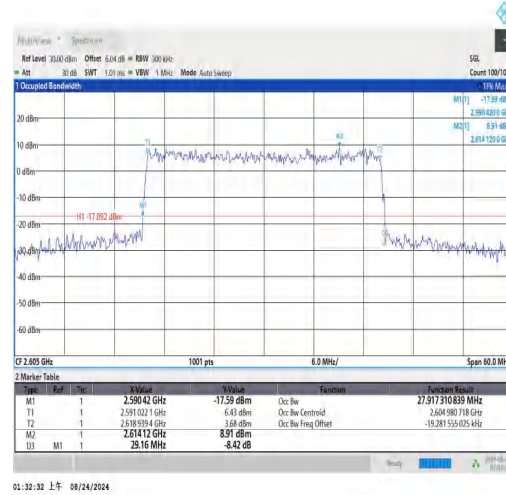




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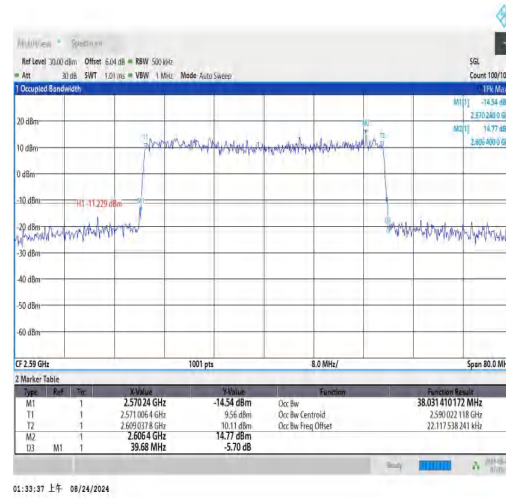
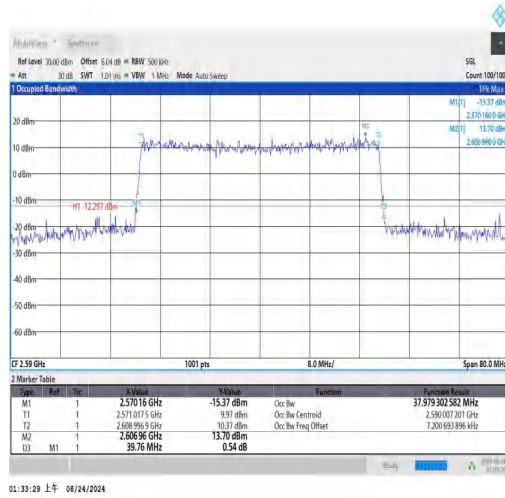


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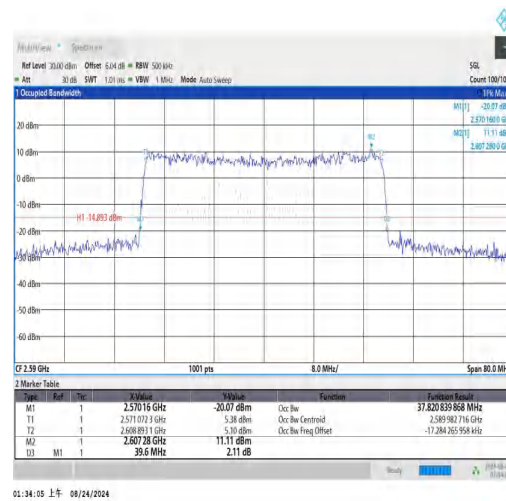
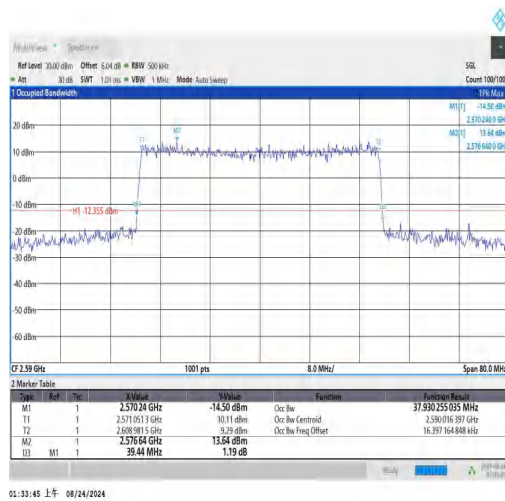
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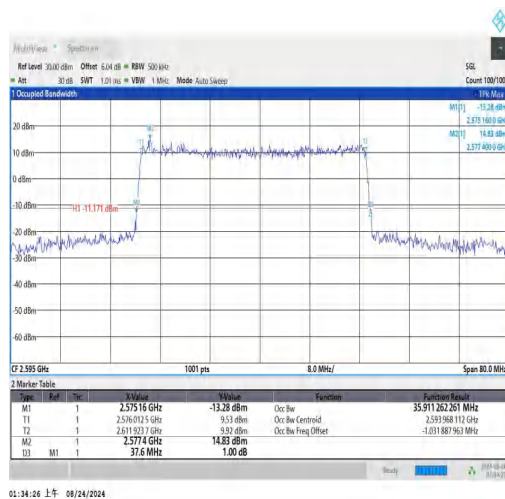
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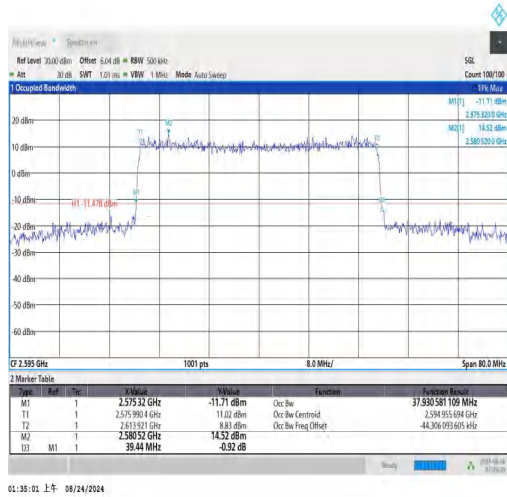
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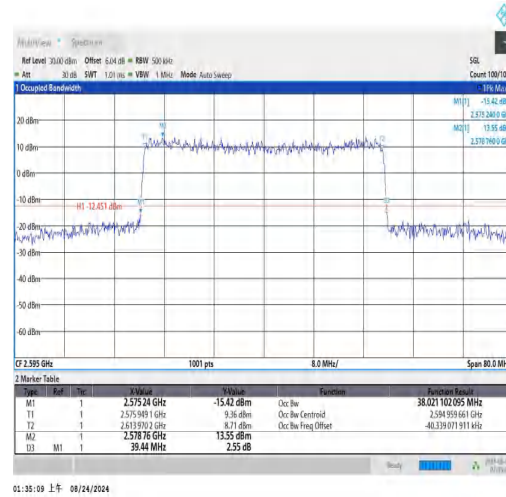




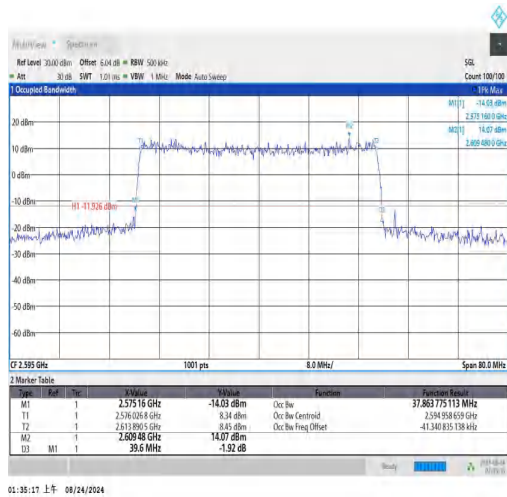
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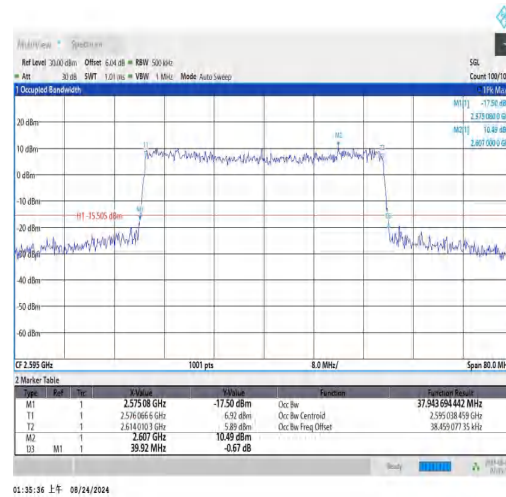
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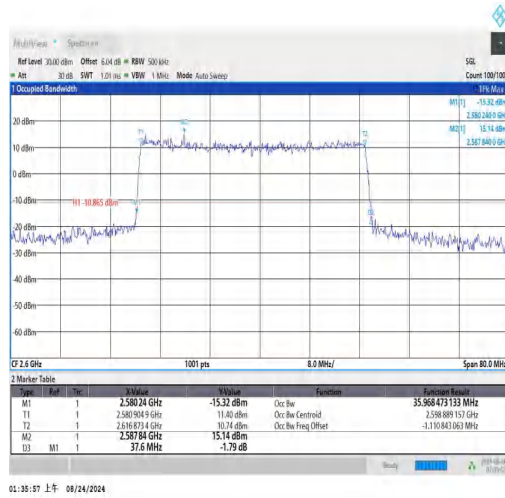


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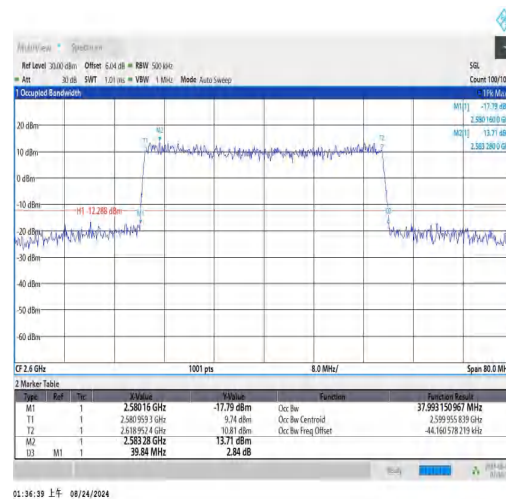
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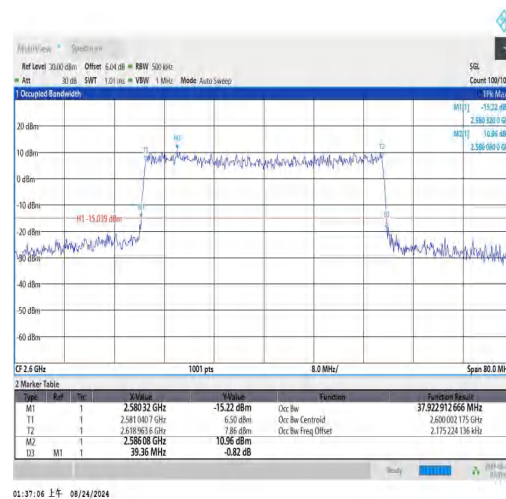
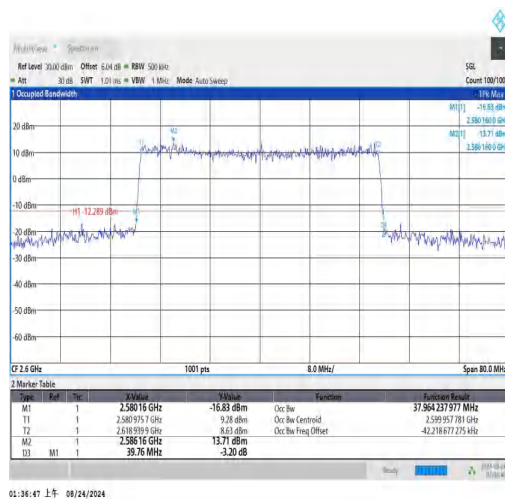
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NTNV_N38_PC3_30_40_H_TID4_Ant1#1





NTNV_N38_PC3_30_40_H_TID5_Ant1#1

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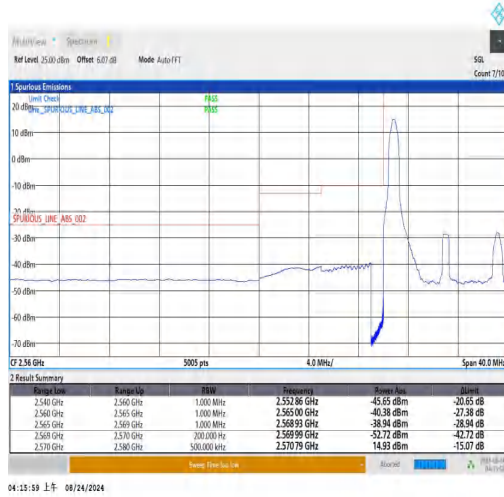
Appendix D: Band Edge

Test Result

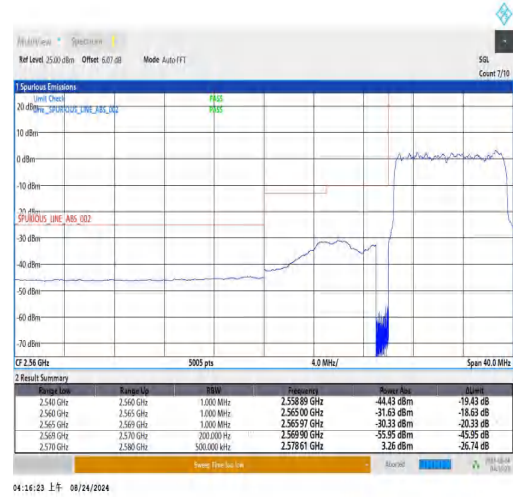
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Left	see graph	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	see graph	PASS
N38	30	10	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Right	see graph	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	see graph	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Left	see graph	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	see graph	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Right	see graph	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	see graph	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Left	see graph	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	see graph	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Right	see graph	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	see graph	PASS



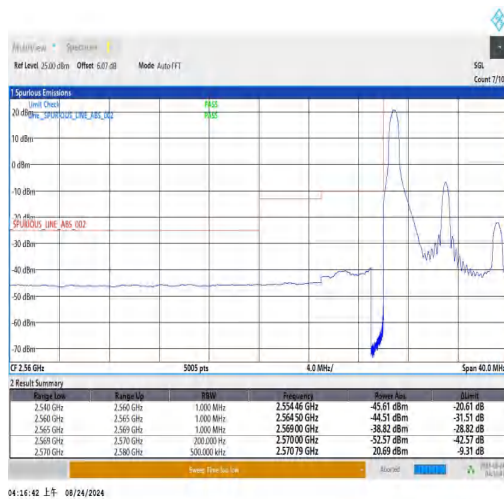
Test Graphs



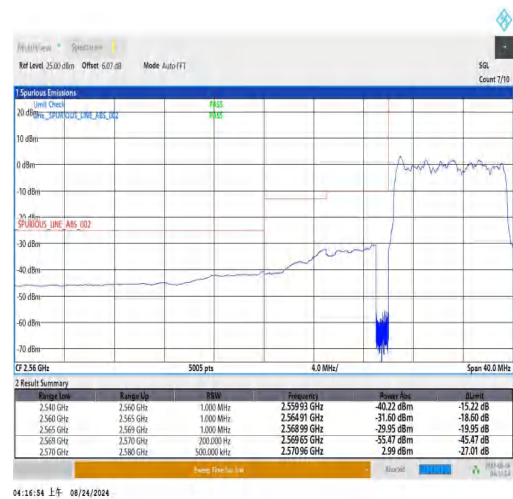
NTNV_N38_PC3_30_10_L_TID1_RID1#1



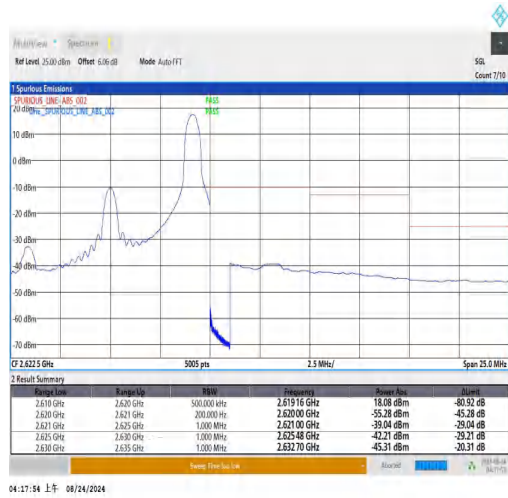
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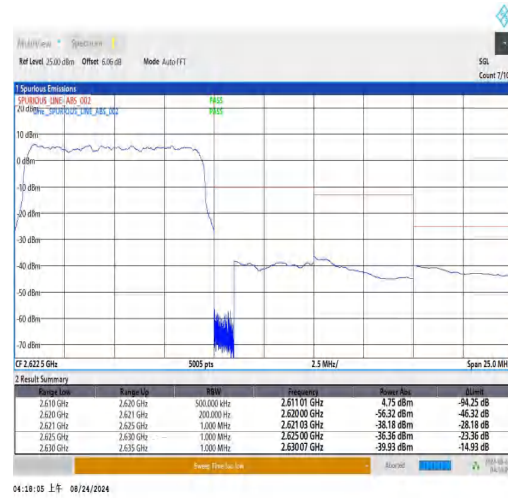
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NTNV_N38_PC3_30_10_L_TID6_RID1#1



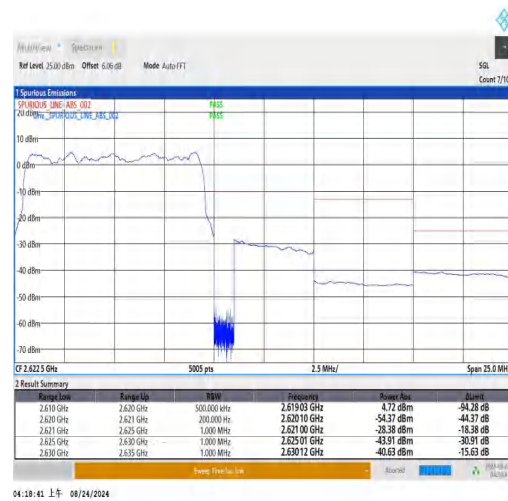
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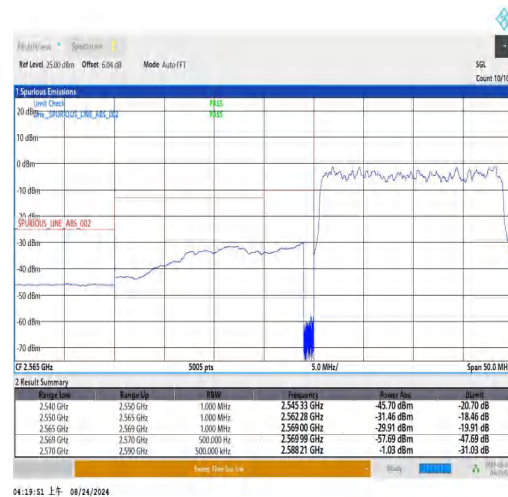
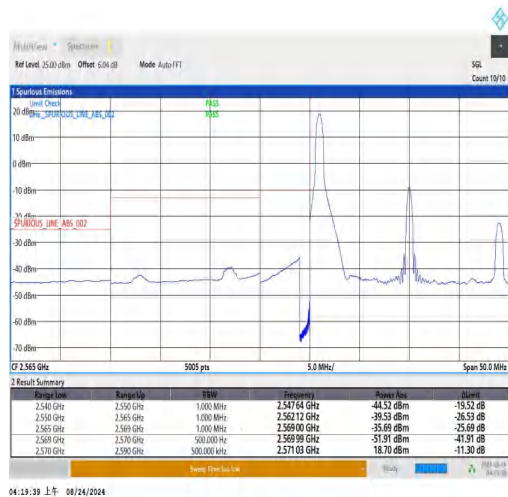
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NTNV_N38_PC3_30_10_H_TID5_RID1#1

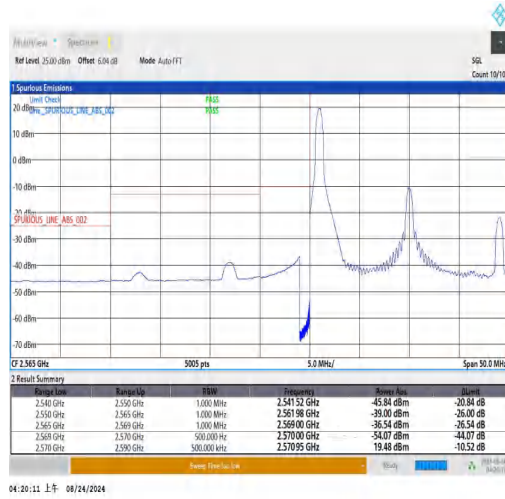


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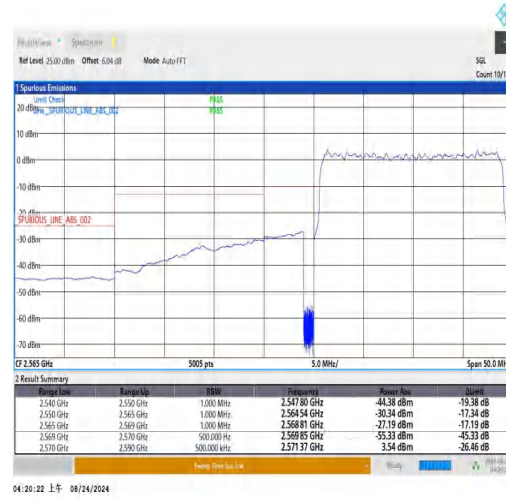




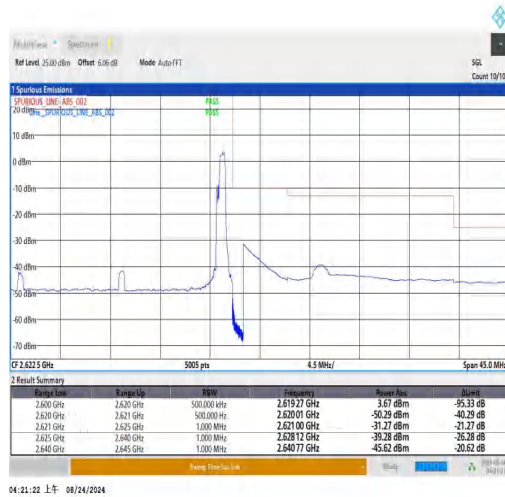
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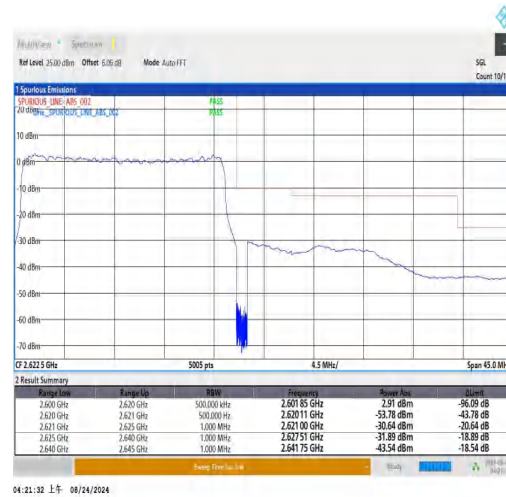
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NTNV_N38_PC3_30_20_L_TID4_RID1#1

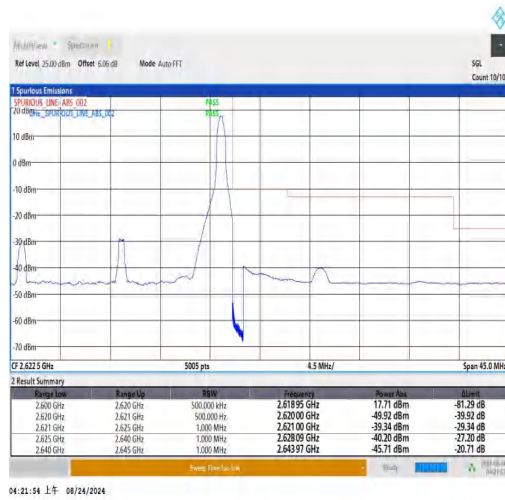


NTNV_N38_PC3_30_20_L_TID6_RID1#1

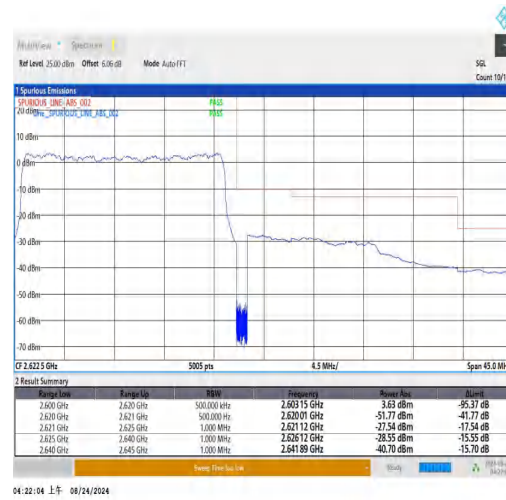


NTNV_N38_PC3_30_20_H_TID2_RID1#1

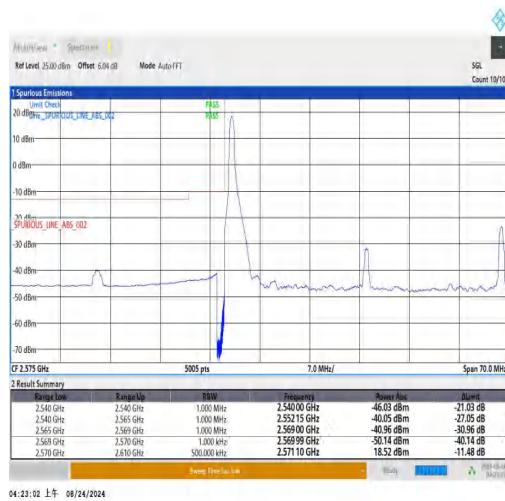
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NTNV_N38_PC3_30_20_H_TID5_RID1#1



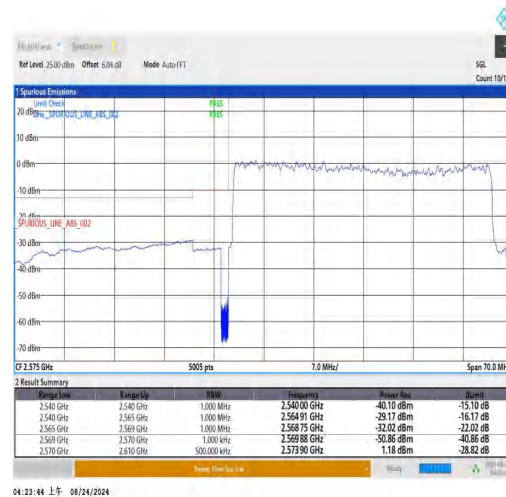
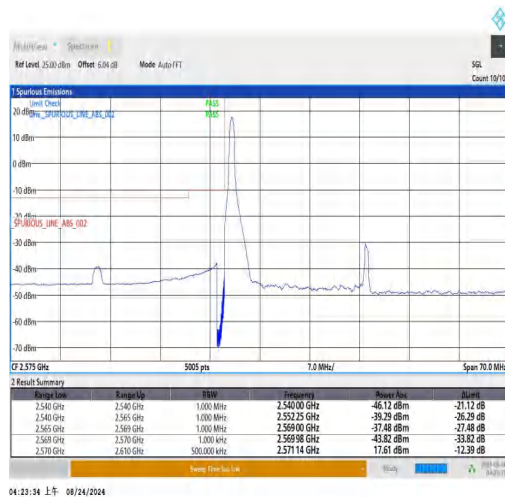
NTNV_N38_PC3_30_20_H_TID6_RID1#1



NTNV_N38_PC3_30_40_L_TID1_RID1#1

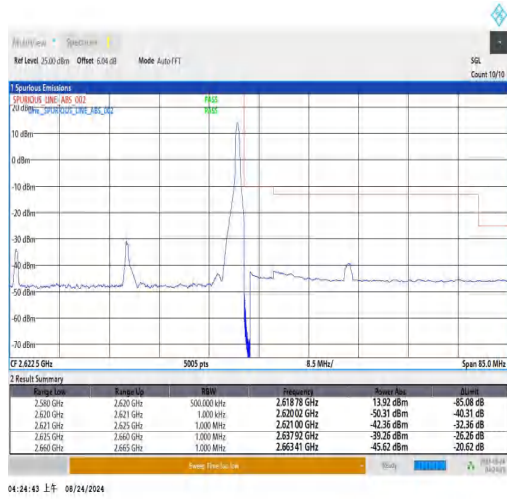


NTNV_N38_PC3_30_40_L_TID3_RID1#1

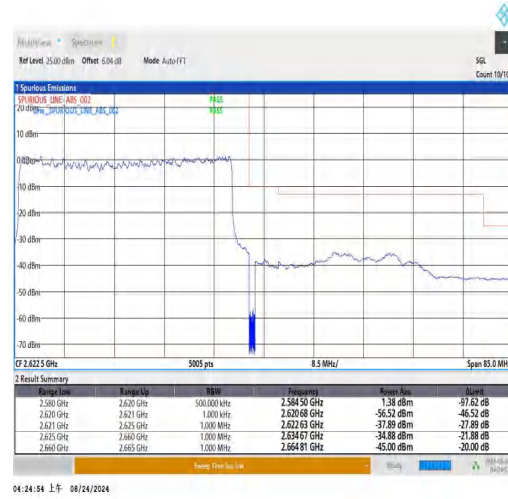




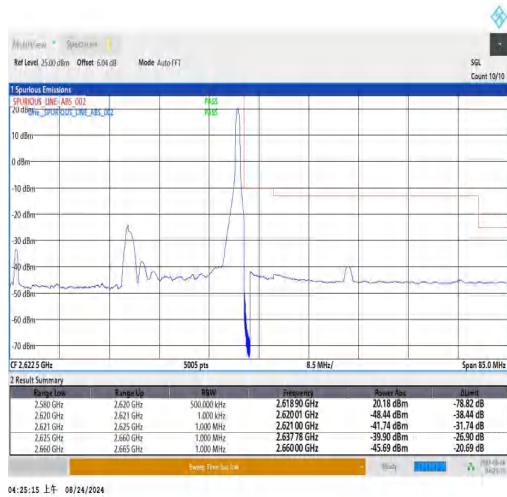
NTNV_N38_PC3_30_40_L_TID4_RID1#1



NTNV_N38_PC3_30_40_L_TID6_RID1#1



NTNV_N38_PC3_30_40_H_TID2_RID1#1



NTNV_N38_PC3_30_40_H_TID3_RID1#1



NTNV_N38_PC3_30_40_H_TID5_RID1#1

NTNV_N38_PC3_30_40_H_TID6_RID1#1



Appendix E: Conducted Spurious Emission

Test Result

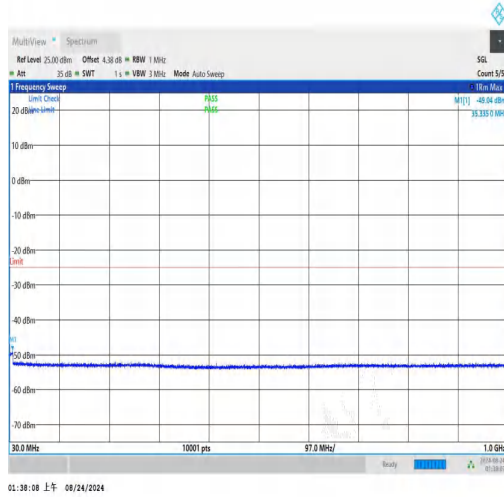
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Start Freq (MHz)	Stop Freq (MHz)	Result (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	30	1000	-49.04	-25	PASS
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	1000	3000	-41.78	-25	PASS
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	3000	12000	-47.31	-25	PASS
N38	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	12000	20000	-52.02	-25	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.20	-25	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-40.93	-25	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-47.39	-25	PASS
N38	30	10	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-52.17	-25	PASS
N38	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	30	1000	-49.22	-25	PASS
N38	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	1000	3000	-42.11	-25	PASS
N38	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	3000	12000	-46.90	-25	PASS
N38	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	12000	20000	-52.18	-25	PASS
N38	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.28	-25	PASS
N38	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-40.35	-25	PASS
N38	30	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-47.28	-25	PASS
N38	30	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-52.07	-25	PASS
N38	30	10	DFT-PI2BPSK	H	Edge_1RB_Left	30	1000	-49.29	-25	PASS
N38	30	10	DFT-PI2BPSK	H	Edge_1RB_Left	1000	3000	-41.81	-25	PASS
N38	30	10	DFT-PI2BPSK	H	Edge_1RB_Left	3000	12000	-46.73	-25	PASS
N38	30	10	DFT-PI2BPSK	H	Edge_1RB_Left	12000	20000	-51.79	-25	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.22	-25	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-41.18	-25	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-46.86	-25	PASS
N38	30	10	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-52.07	-25	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	30	1000	-49.16	-25	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	1000	3000	-38.02	-25	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	3000	12000	-47.15	-25	PASS
N38	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	12000	20000	-51.99	-25	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.19	-25	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-37.73	-25	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-47.07	-25	PASS
N38	30	20	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-51.93	-25	PASS



N38	30	20	DFT-PI2BPSK	M	Edge_1RB_Left	30	1000	-49.06	-25	PASS
N38	30	20	DFT-PI2BPSK	M	Edge_1RB_Left	1000	3000	-38.00	-25	PASS
N38	30	20	DFT-PI2BPSK	M	Edge_1RB_Left	3000	12000	-47.08	-25	PASS
N38	30	20	DFT-PI2BPSK	M	Edge_1RB_Left	12000	20000	-51.89	-25	PASS
N38	30	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.08	-25	PASS
N38	30	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-37.80	-25	PASS
N38	30	20	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-47.20	-25	PASS
N38	30	20	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-52.03	-25	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	30	1000	-48.89	-25	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	1000	3000	-37.37	-25	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	3000	12000	-46.93	-25	PASS
N38	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	12000	20000	-52.26	-25	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.28	-25	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-37.44	-25	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-47.27	-25	PASS
N38	30	20	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-52.00	-25	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	30	1000	-49.22	-25	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	1000	3000	-36.07	-25	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	3000	12000	-47.42	-25	PASS
N38	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	12000	20000	-51.90	-25	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.15	-25	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-38.09	-25	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-46.98	-25	PASS
N38	30	40	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-52.04	-25	PASS
N38	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	30	1000	-49.21	-25	PASS
N38	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	1000	3000	-36.33	-25	PASS
N38	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	3000	12000	-47.00	-25	PASS
N38	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	12000	20000	-52.22	-25	PASS
N38	30	40	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.32	-25	PASS
N38	30	40	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-35.97	-25	PASS
N38	30	40	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-47.45	-25	PASS
N38	30	40	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-52.09	-25	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	30	1000	-49.19	-25	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	1000	3000	-36.78	-25	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	3000	12000	-47.45	-25	PASS
N38	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	12000	20000	-51.94	-25	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.25	-25	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.54	-25	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-47.25	-25	PASS
N38	30	40	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-52.04	-25	PASS

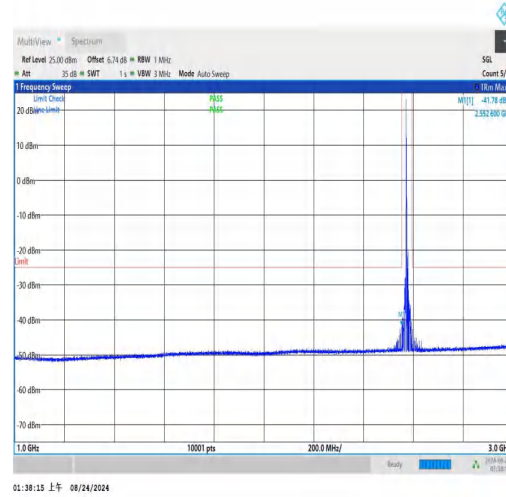


Test Graphs



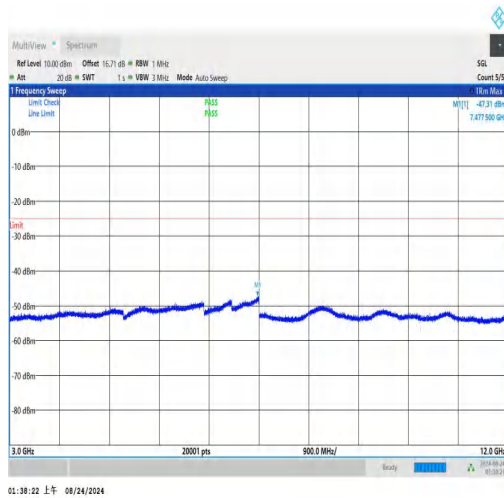
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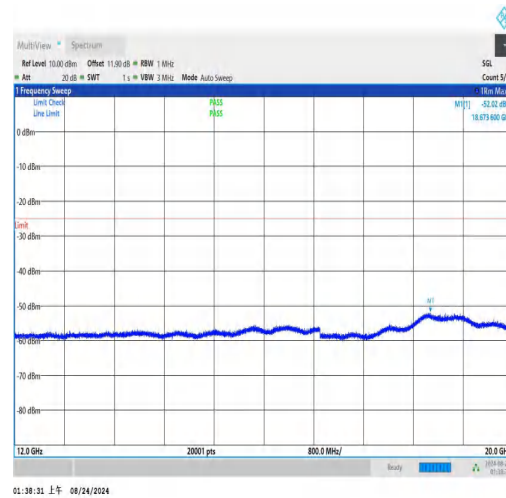
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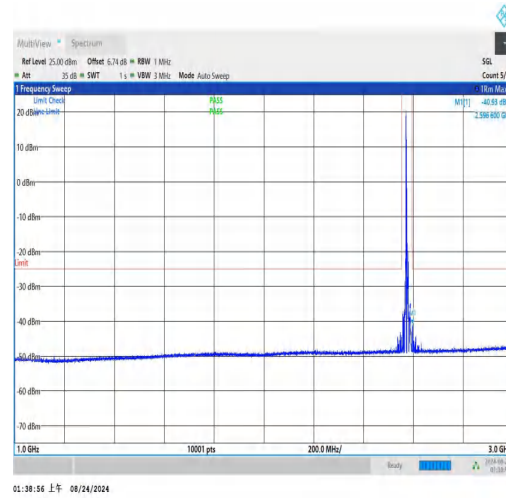
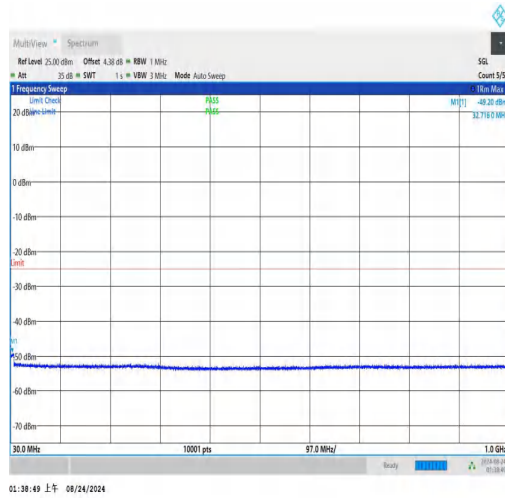
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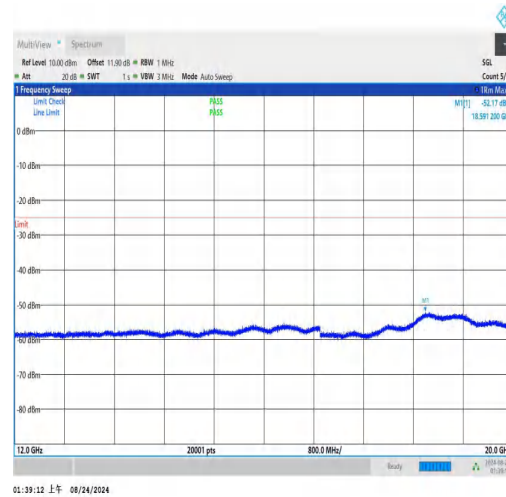
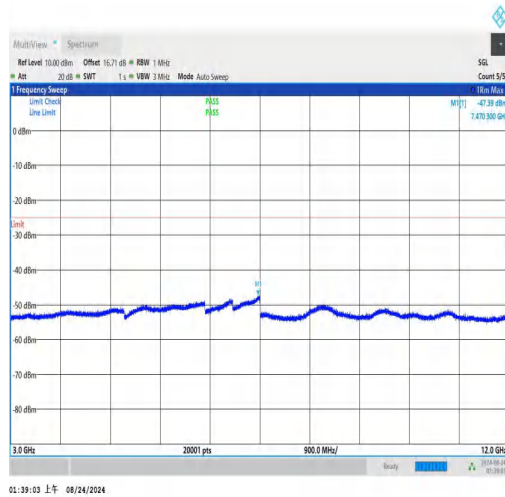
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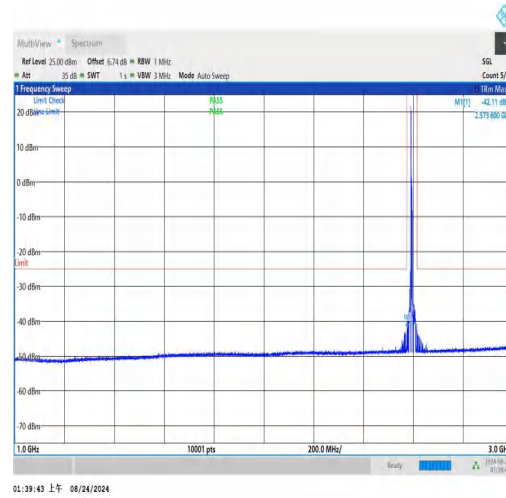
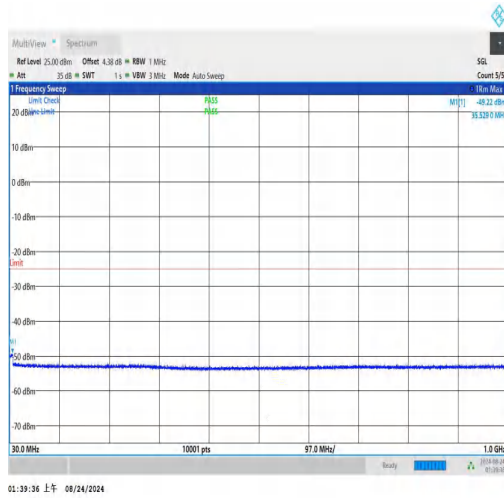
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NTNV_N38_PC3_30_10_L_TID2_N/A_3000_120_00_#1

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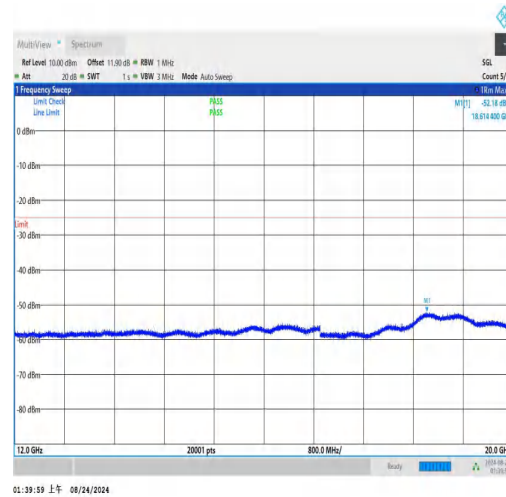
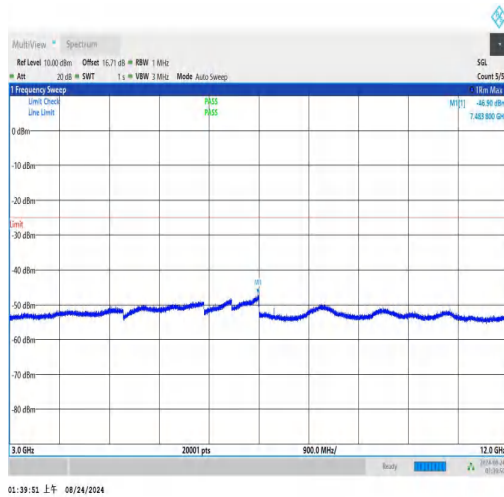


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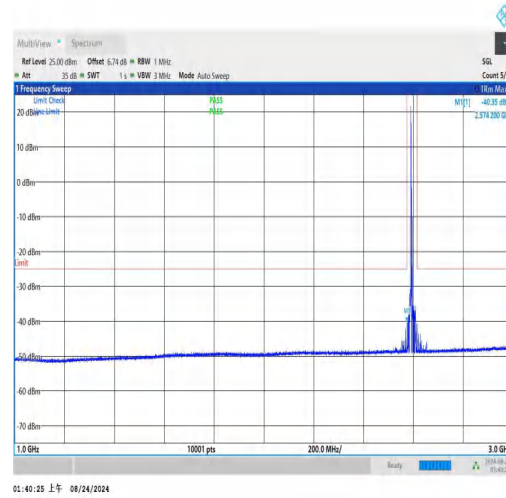
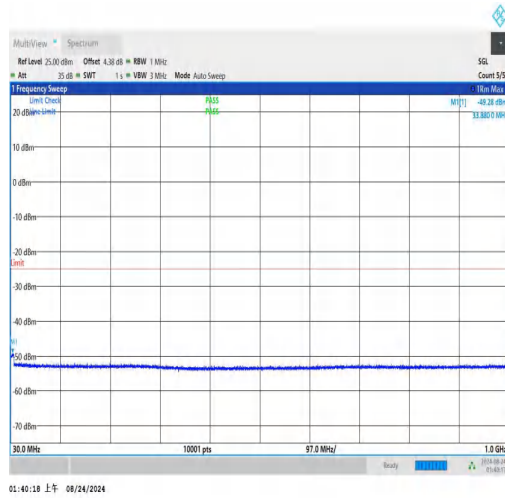


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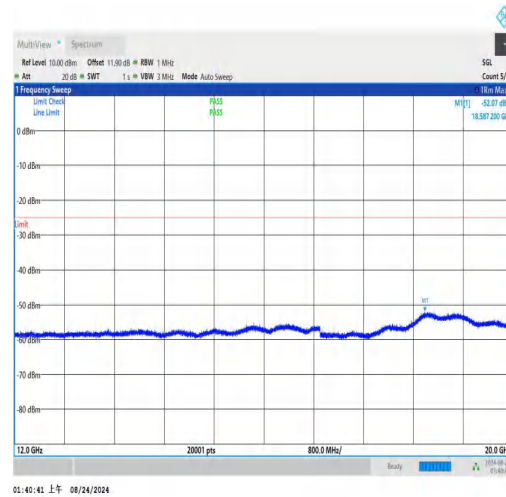
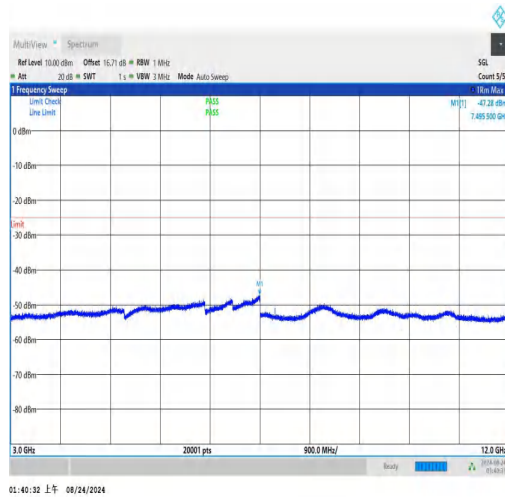


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NTNV_N38_PC3_30_10_M_TID2_N/A_1000_300

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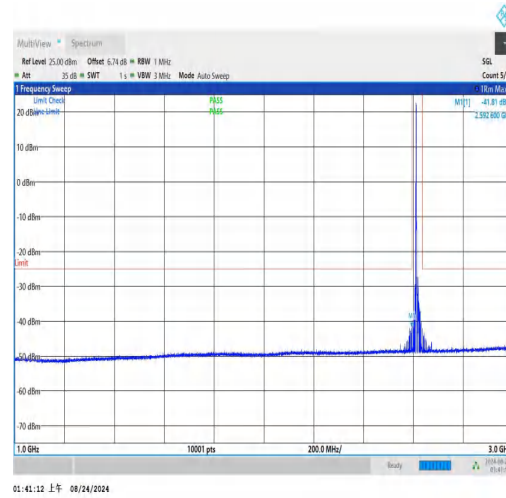
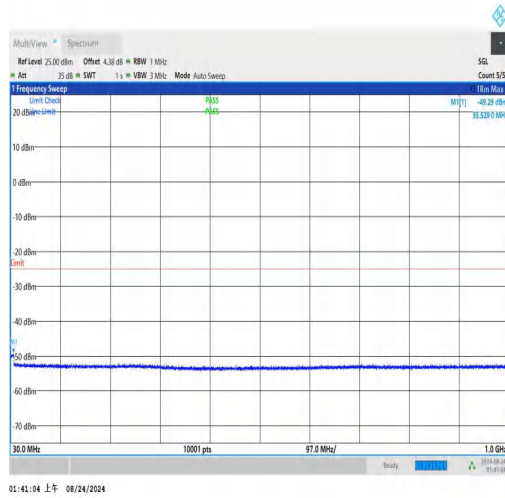


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NTNV_N38_PC3_30_10_M_TID2_N/A_12000_20

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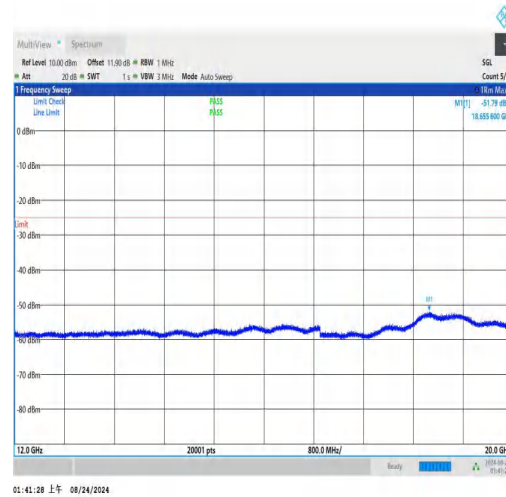
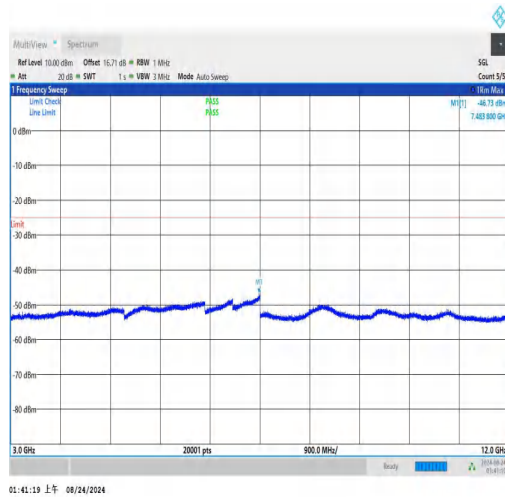


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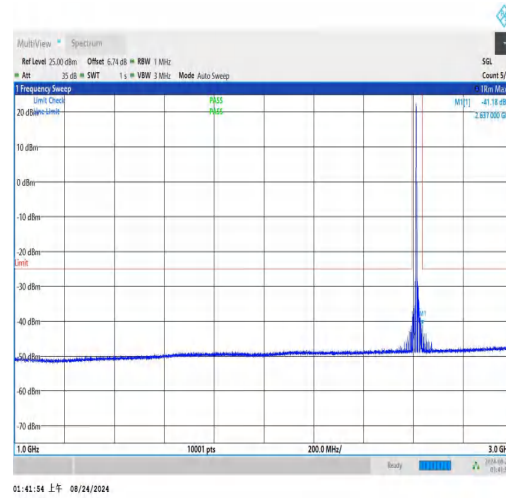
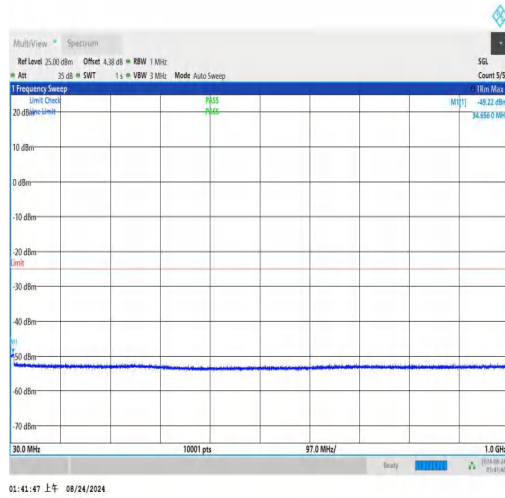


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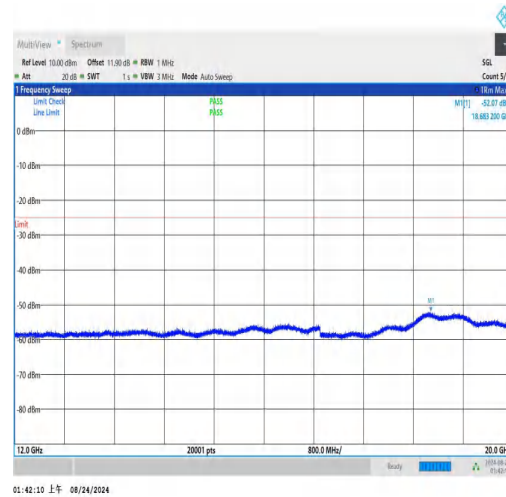
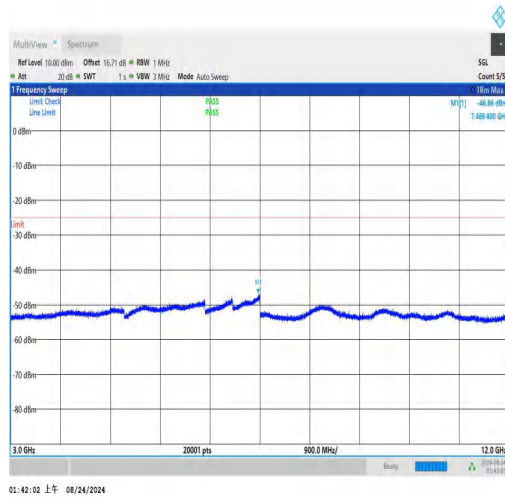


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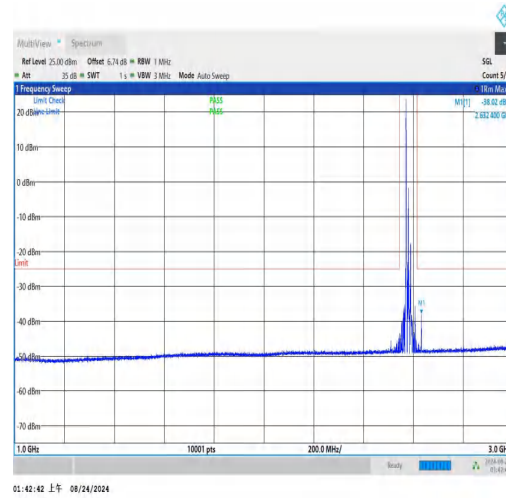
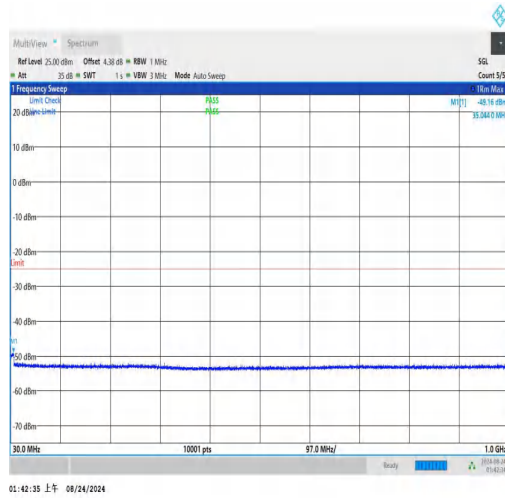


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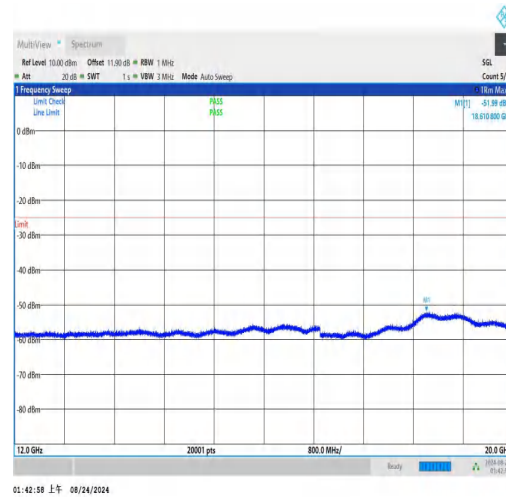
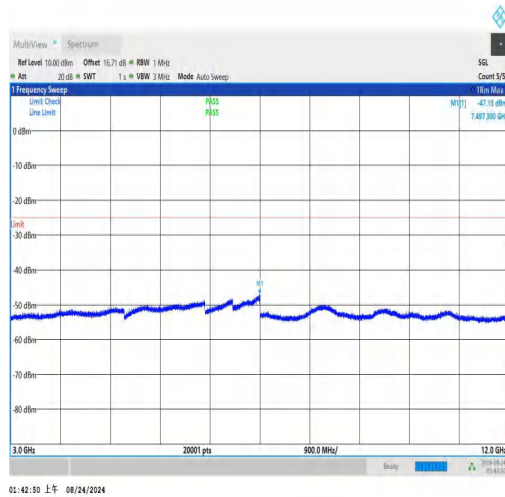
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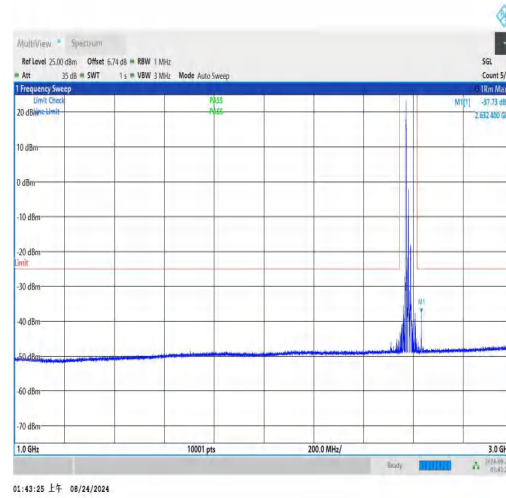
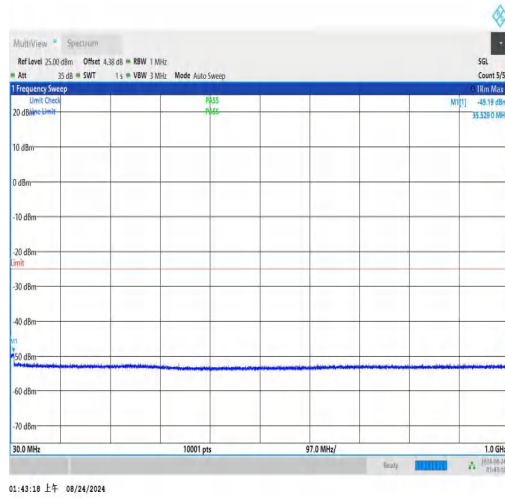
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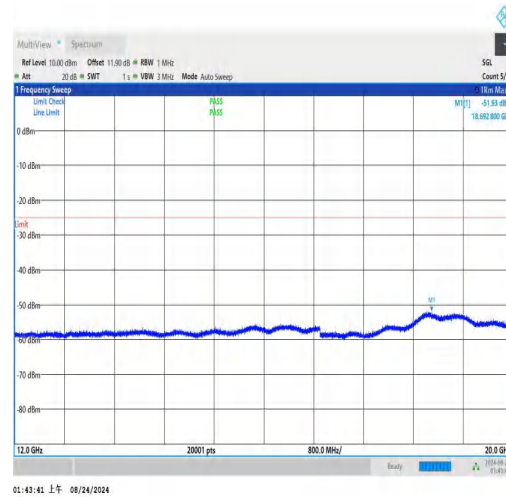
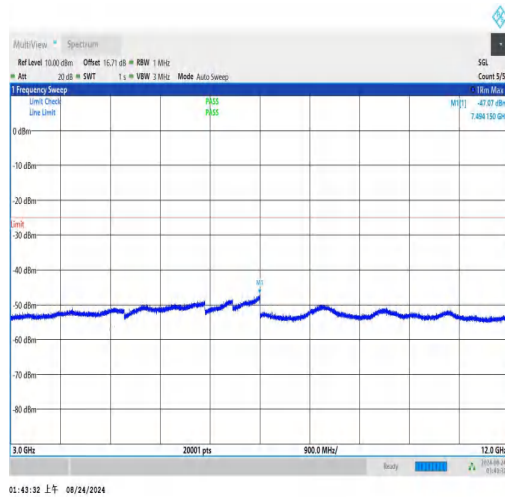
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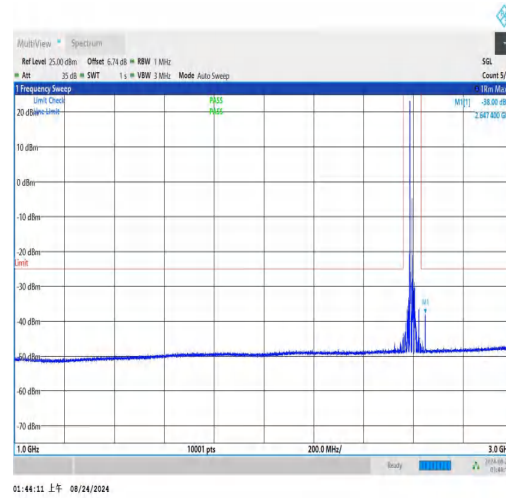
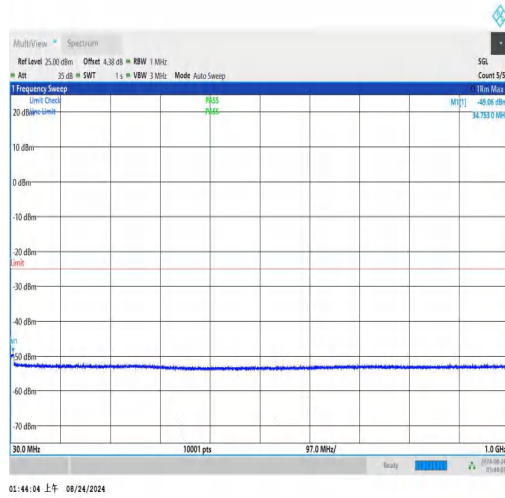
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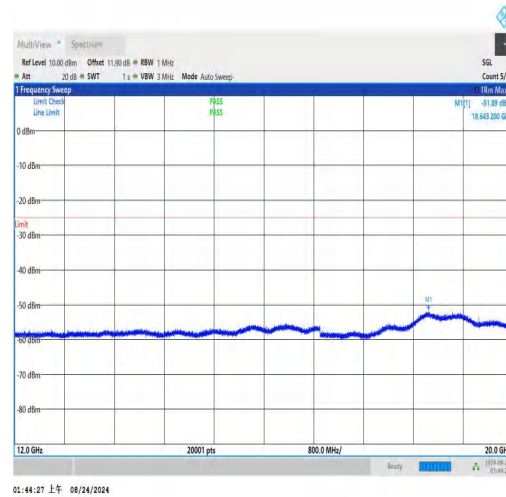
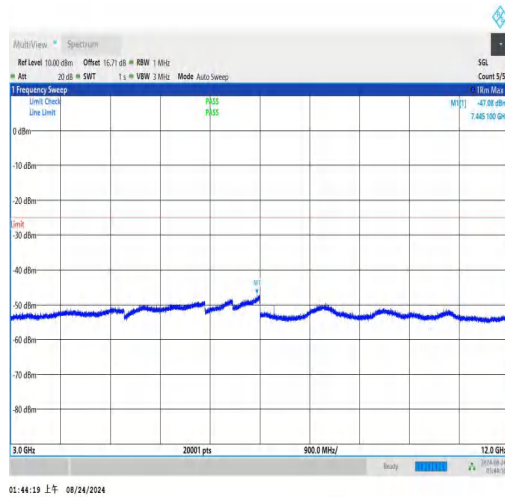


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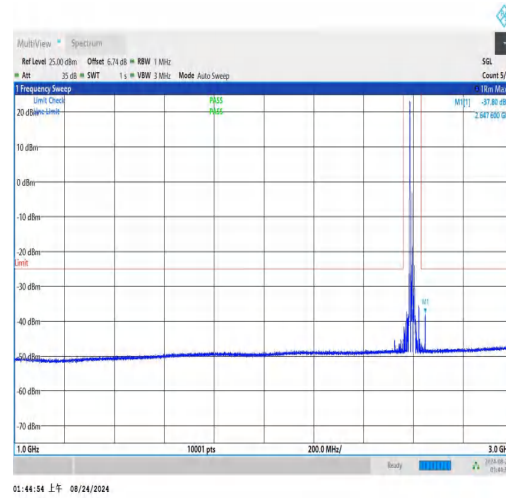
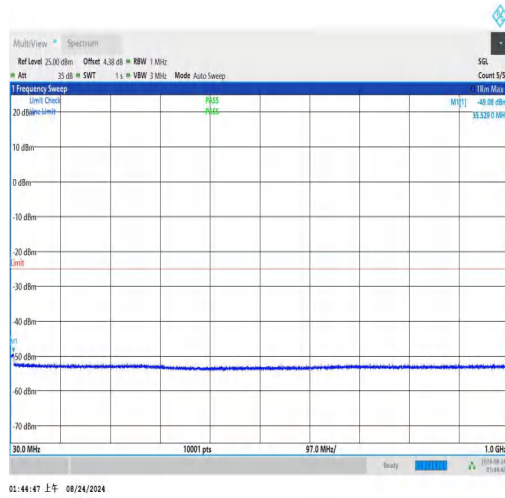


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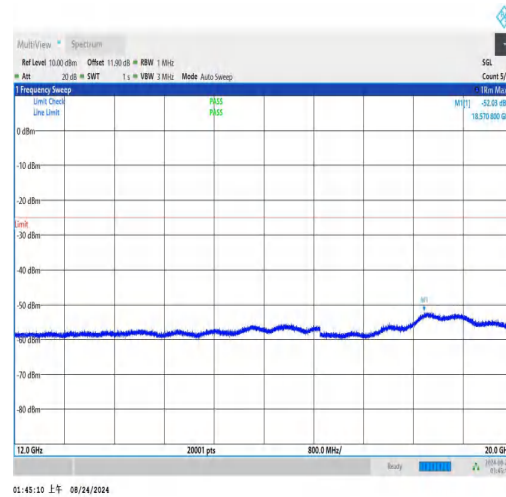
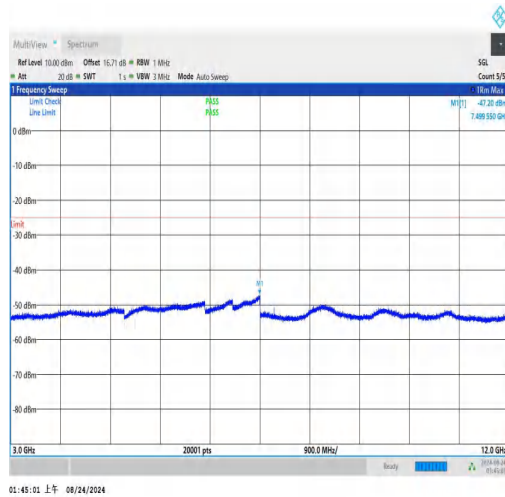


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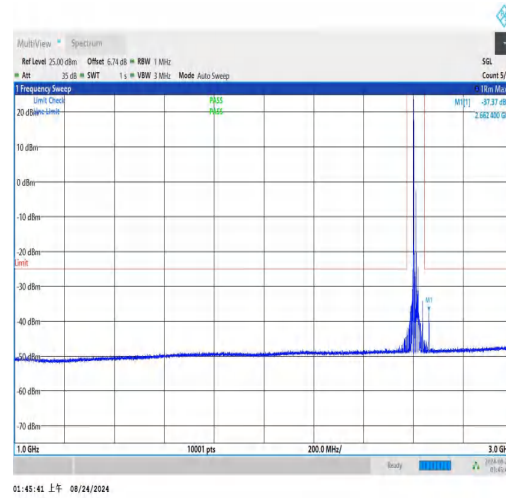
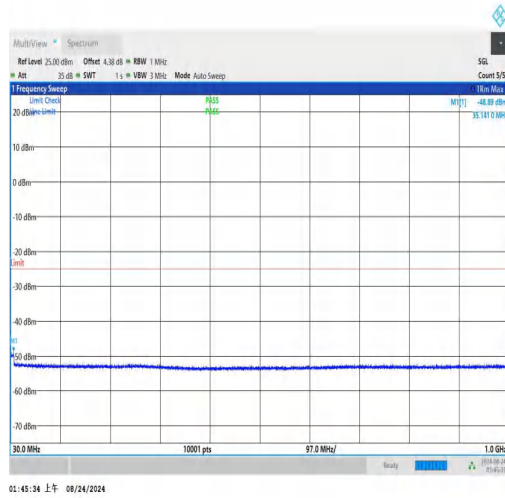


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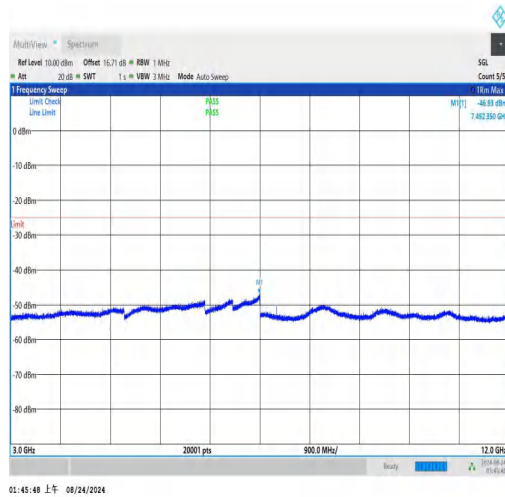


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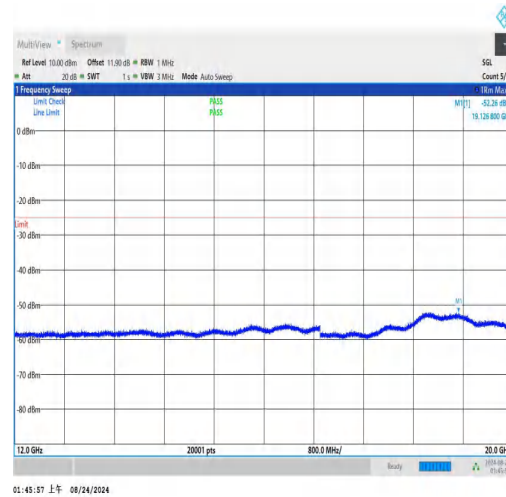
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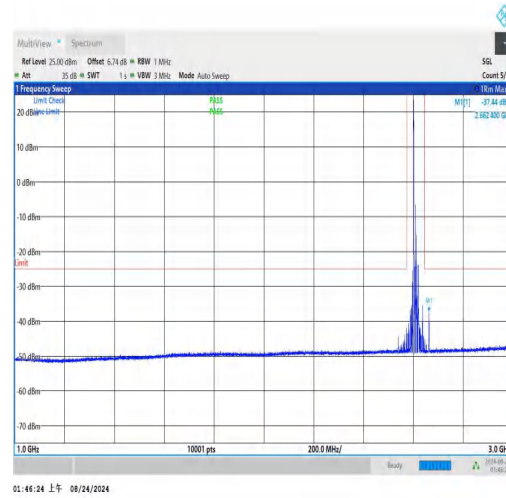
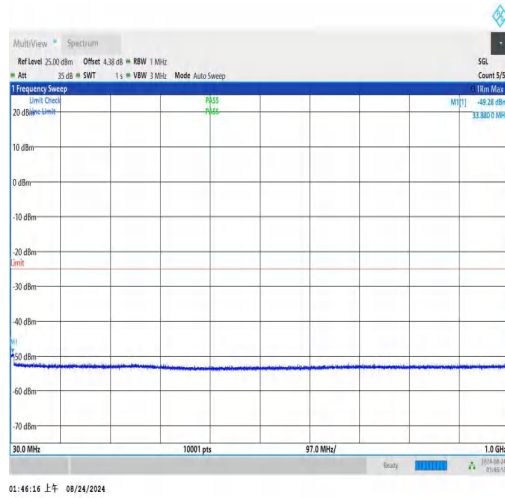
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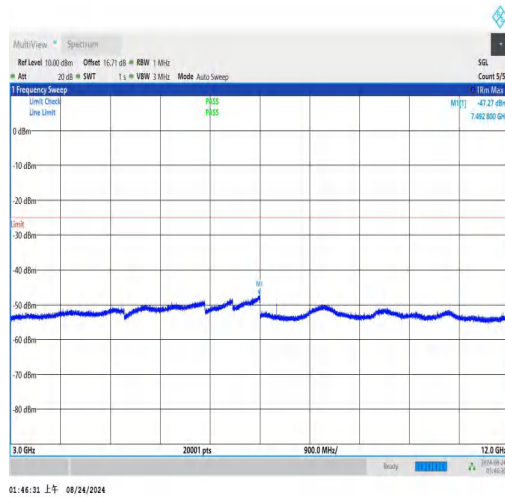


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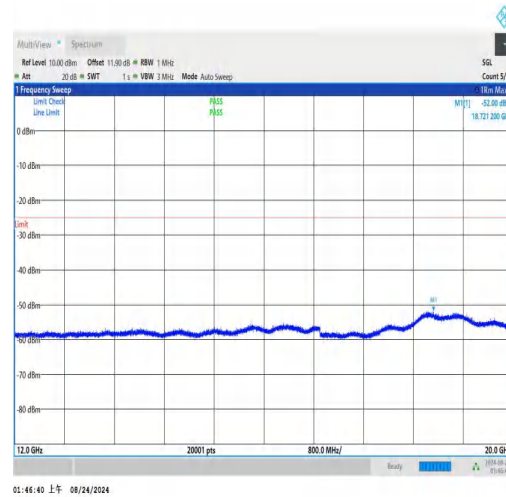
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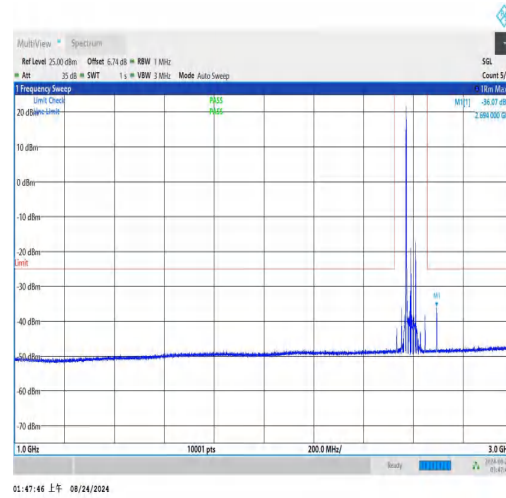
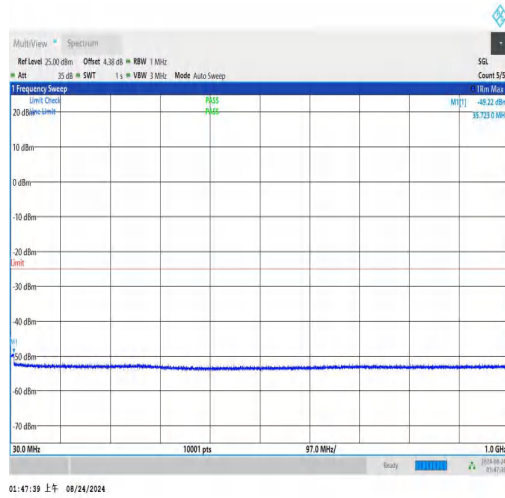
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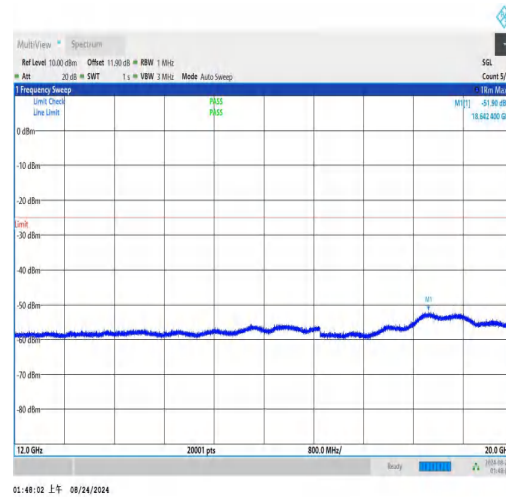
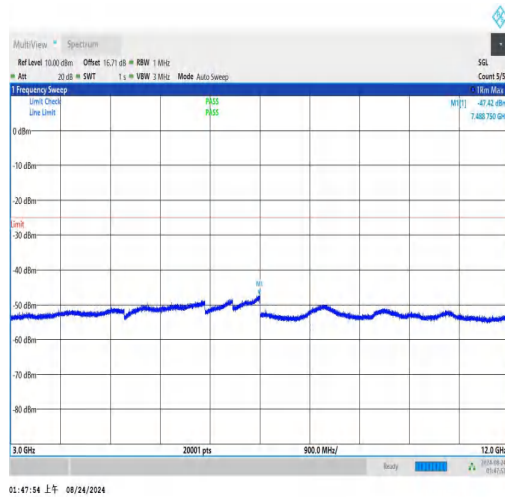
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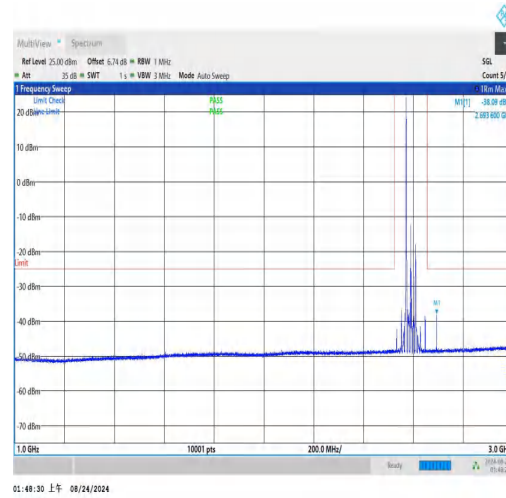
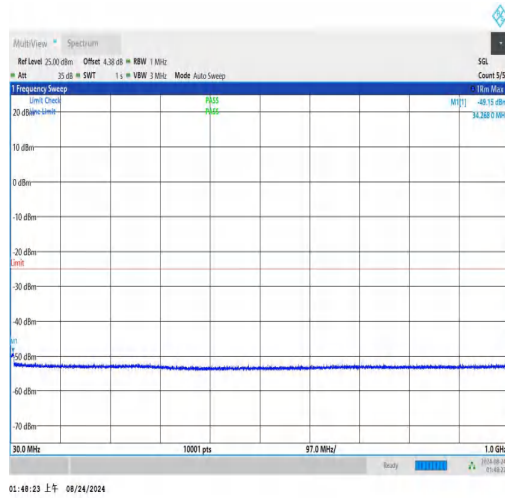
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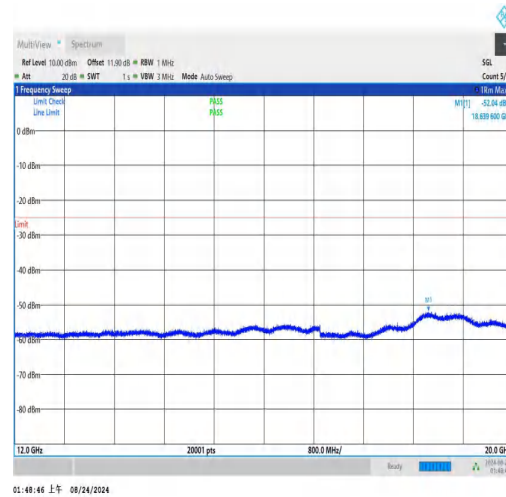
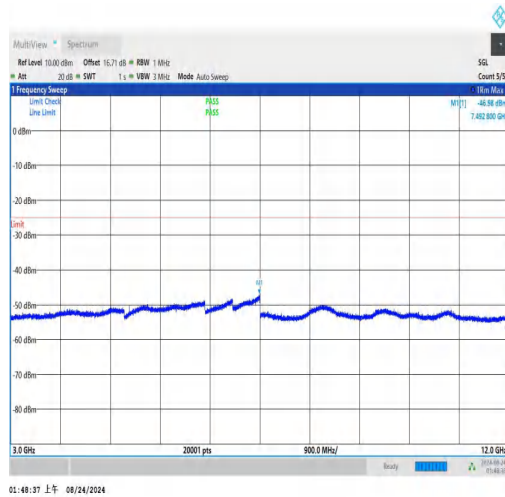


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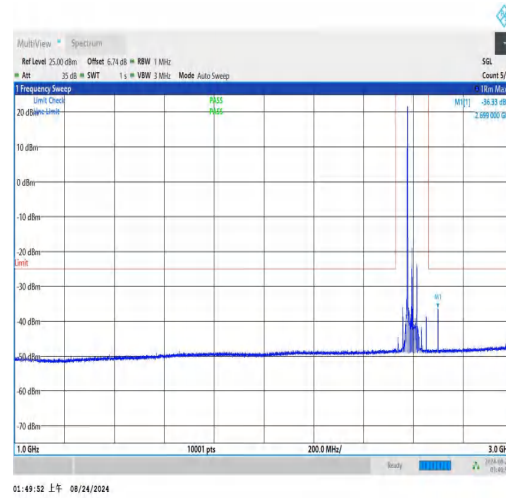
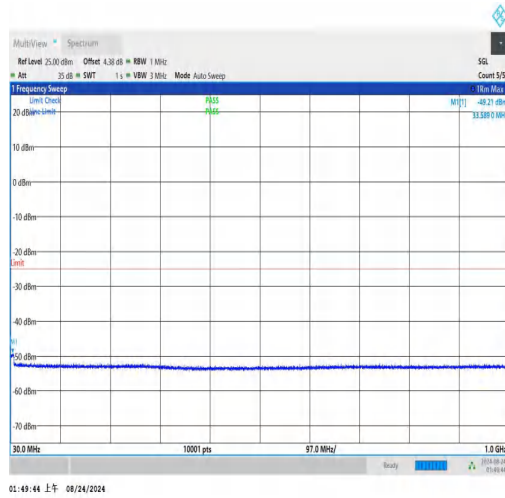


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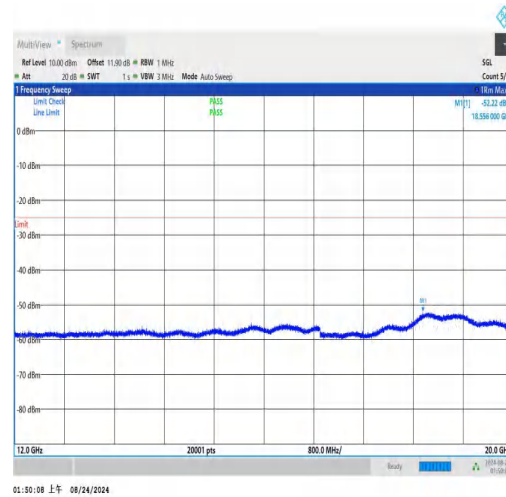
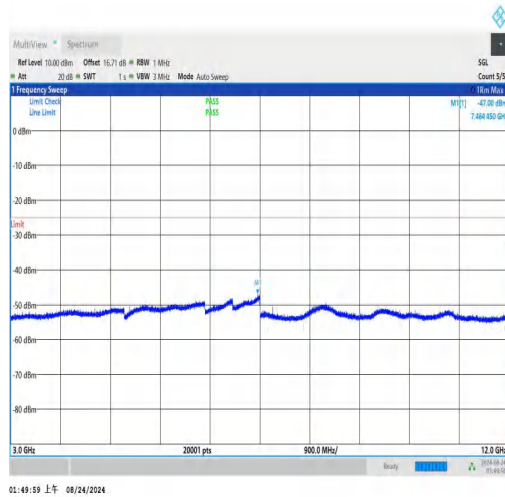


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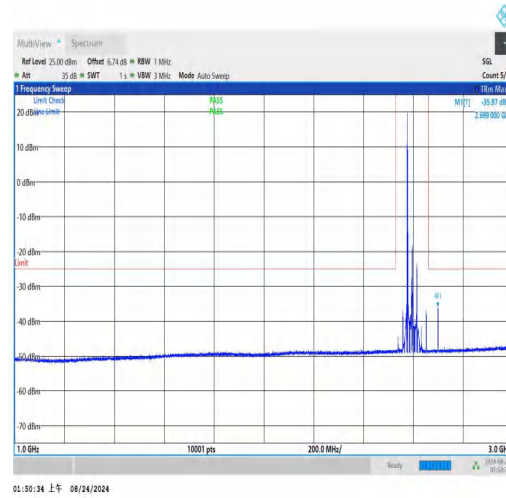
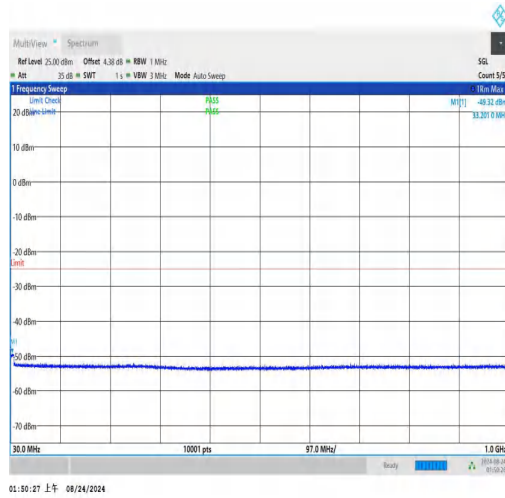


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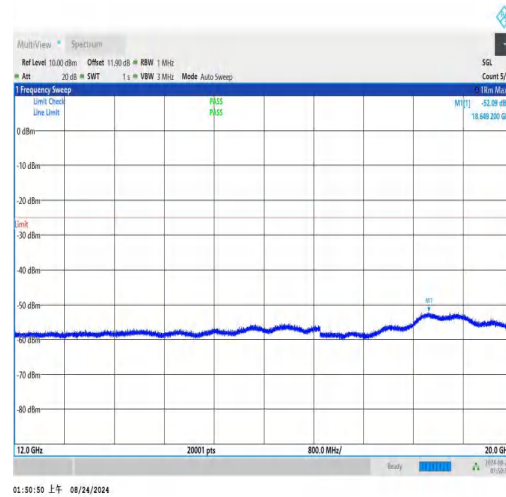
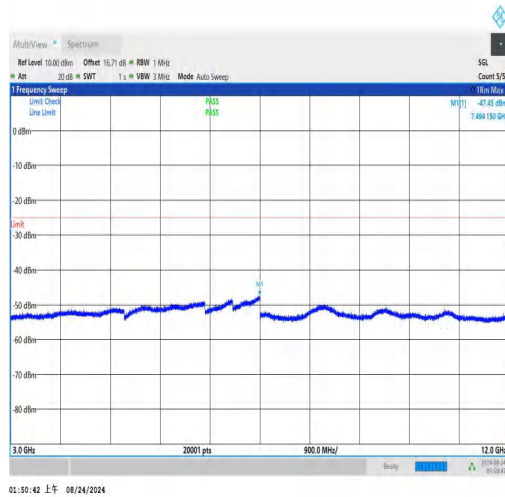


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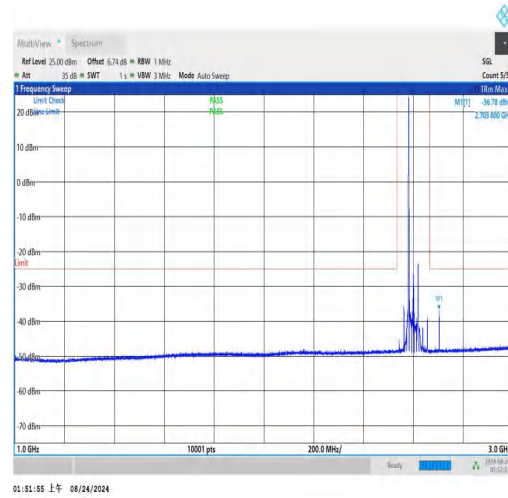
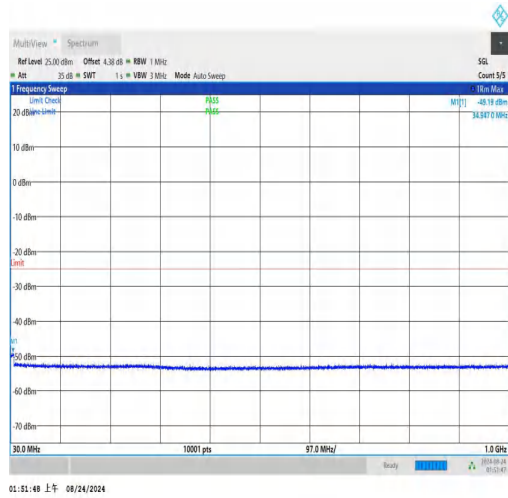


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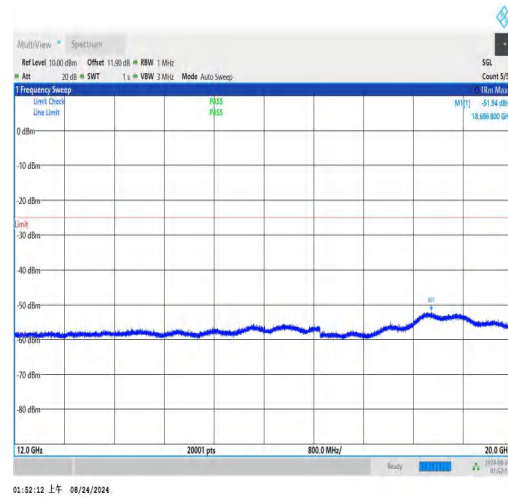
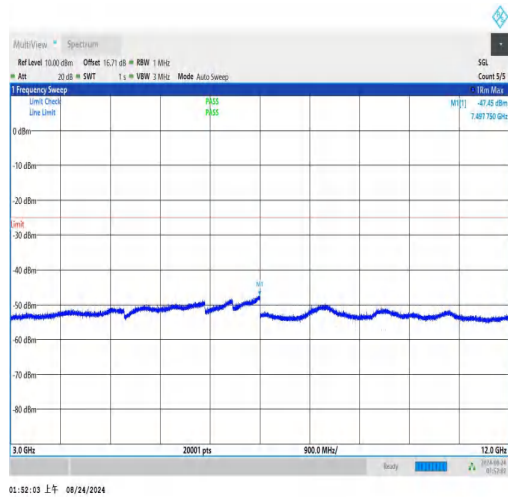


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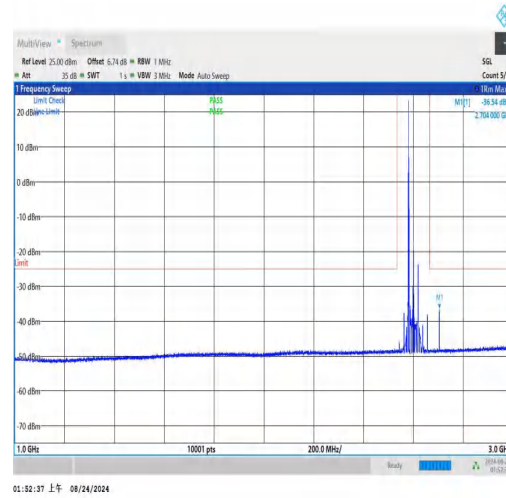
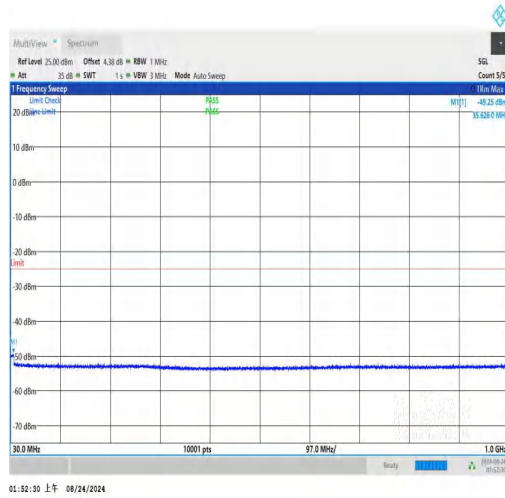


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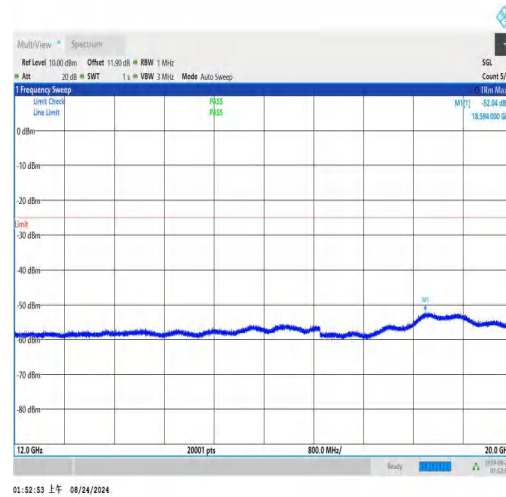
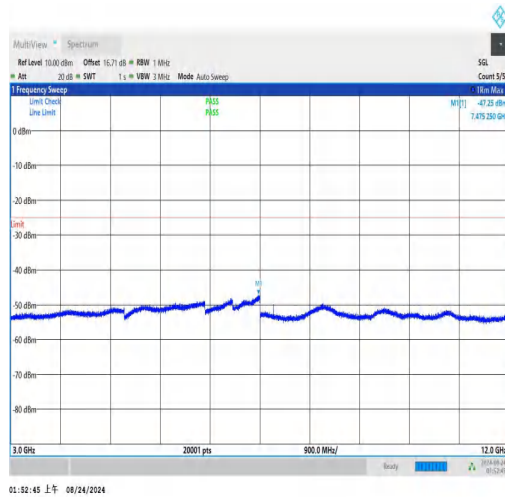


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NTNV_N38_PC3_30_40_H_TID2_N/A_3000_120

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NTNV_N38_PC3_30_40_H_TID2_N/A_12000_20

000_#1



Appendix F: Frequency Stability

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	L	Outer_Full	VN	NT	16.00	0.01	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	VL	NT	3.00	0.00	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	VH	NT	9.00	0.00	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	VN	NT	10.00	0.00	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	VL	NT	16.00	0.01	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	VH	NT	3.00	0.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	15.00	0.01	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	2.00	0.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	8.00	0.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	VN	NT	2.00	0.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	VL	NT	15.00	0.01	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	VH	NT	1.00	0.00	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	VN	NT	19.00	0.01	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	VL	NT	6.00	0.00	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	VH	NT	18.00	0.01	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	VN	NT	18.00	0.01	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	VL	NT	4.00	0.00	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	VH	NT	10.00	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	-30	14.000000	0.005405	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	-20	8.000000	0.003089	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	-10	14.000000	0.005405	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	0	1.000000	0.000386	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	10	6.000000	0.002317	PASS



N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	20	12.000000	0.004633	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	30	18.000000	0.006950	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	40	5.000000	0.001931	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	NV	50	10.000000	0.003861	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	-30	9.000000	0.003475	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	-20	14.000000	0.005405	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	-10	1.000000	0.000386	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	0	4.000000	0.001544	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	10	4.000000	0.001544	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	20	10.000000	0.003861	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	30	16.000000	0.006178	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	40	2.000000	0.000772	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	NV	50	8.000000	0.003089	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	14.000000	0.005395	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	19.000000	0.007322	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	6.000000	0.002312	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	12.000000	0.004624	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	18.000000	0.006936	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	11.000000	0.004239	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	17.000000	0.006551	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	4.000000	0.001541	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	10.000000	0.003854	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-30	7.000000	0.002697	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-20	13.000000	0.005010	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	-10	19.000000	0.007322	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	0	5.000000	0.001927	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	10	11.000000	0.004239	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	20	17.000000	0.006551	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	30	4.000000	0.001541	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	40	9.000000	0.003468	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	NV	50	12.000000	0.004624	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	-30	5.000000	0.001923	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	-20	11.000000	0.004231	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	-10	16.000000	0.006154	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	0	19.000000	0.007308	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	10	6.000000	0.002308	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	20	12.000000	0.004615	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	30	5.000000	0.001923	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	40	11.000000	0.004231	PASS



N38	30	40	DFT-PI2BPSK	H	Outer_Full	NV	50	17.000000	0.006538	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	-30	13.000000	0.005000	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	-20	19.000000	0.007308	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	-10	12.000000	0.004615	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	0	18.000000	0.006923	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	10	5.000000	0.001923	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	20	10.000000	0.003846	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	30	1.000000	0.000385	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	40	7.000000	0.002692	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	NV	50	12.000000	0.004615	PASS

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