



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Power Class	Verdict
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	23.94	23.07	PC3	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	23.97	23.10	PC3	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	24.07	23.20	PC3	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Right	24.03	23.16	PC3	PASS
n30	15	10	DFT-BPSK	M	Inner_Full	23.99	23.12	PC3	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	23.98	23.11	PC3	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	23.96	23.09	PC3	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Left	24.04	23.17	PC3	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Right	24.06	23.19	PC3	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Right	24.08	23.21	PC3	PASS
n30	15	10	DFT-QPSK	M	Inner_Full	23.99	23.12	PC3	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	24.04	23.17	PC3	PASS
n30	15	10	DFT-16QAM	M	Edge_1RB_Left	22.94	22.07	PC3	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Left	23.93	23.06	PC3	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Right	24.05	23.18	PC3	PASS
n30	15	10	DFT-16QAM	M	Edge_1RB_Right	23.09	22.22	PC3	PASS
n30	15	10	DFT-16QAM	M	Inner_Full	24.12	23.25	PC3	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	23.01	22.14	PC3	PASS
n30	15	10	DFT-64QAM	M	Edge_1RB_Left	22.56	21.69	PC3	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Left	22.61	21.74	PC3	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Right	22.75	21.88	PC3	PASS
n30	15	10	DFT-64QAM	M	Edge_1RB_Right	22.7	21.83	PC3	PASS
n30	15	10	DFT-64QAM	M	Inner_Full	22.58	21.71	PC3	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	22.56	21.69	PC3	PASS
n30	15	10	DFT-256QAM	M	Edge_1RB_Left	19.75	18.88	PC3	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Left	19.89	19.02	PC3	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Right	19.97	19.10	PC3	PASS
n30	15	10	DFT-256QAM	M	Edge_1RB_Right	19.96	19.09	PC3	PASS
n30	15	10	DFT-256QAM	M	Inner_Full	20.47	19.60	PC3	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	20.56	19.69	PC3	PASS
n30	15	10	CP-QPSK	M	Edge_1RB_Left	21.97	21.10	PC3	PASS
n30	15	10	CP-QPSK	M	Inner_1RB_Left	23.43	22.56	PC3	PASS
n30	15	10	CP-QPSK	M	Inner_1RB_Right	23.62	22.75	PC3	PASS
n30	15	10	CP-QPSK	M	Edge_1RB_Right	21.98	21.11	PC3	PASS
n30	15	10	CP-QPSK	M	Inner_Full	23.54	22.67	PC3	PASS
n30	15	10	CP-QPSK	M	Outer_Full	22.12	21.25	PC3	PASS



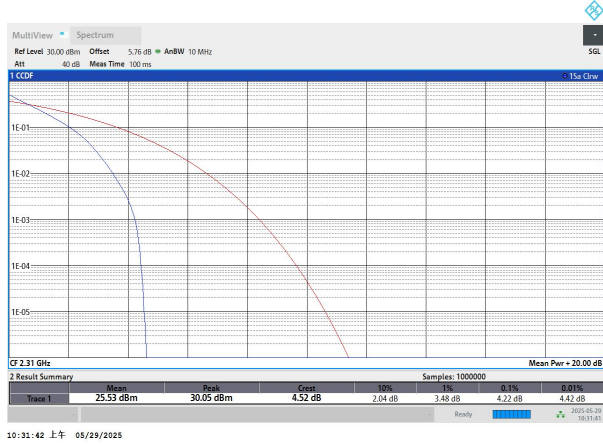
Appendix B: Peak-to-Average Ratio

Test Result

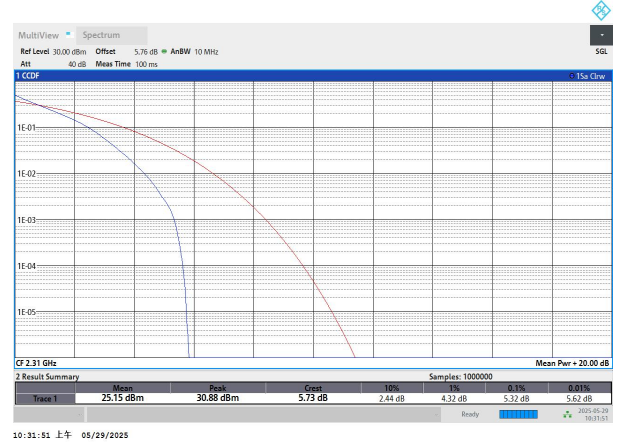
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result(dB)	Limit(dB)	Verdict
n30	15	10	DFT-BPSK	M	Outer_Full	4.22	≤13dB	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	5.32	≤13dB	PASS



Test Graphs



NTNV-n30-PC3-15-10-M-DFT-BPSK-Outter_Full-PASS



NTNV-n30-PC3-15-10-M-DFT-QPSK-Outter_Full-PASS



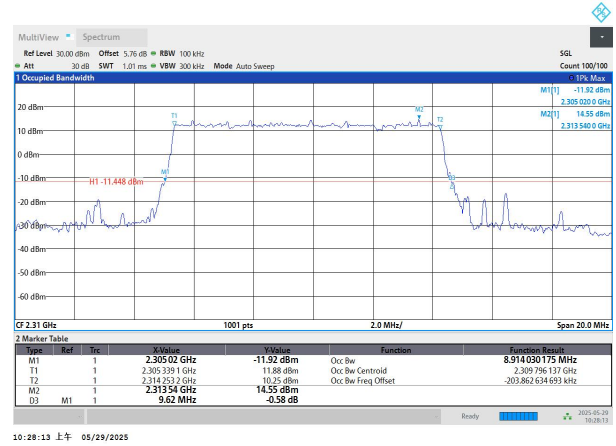
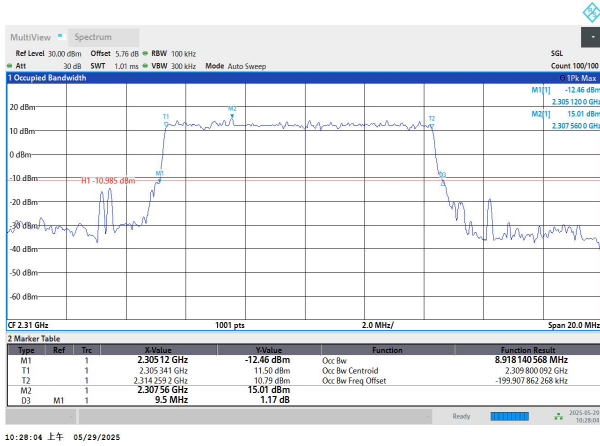
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% OBW (MHz)	26dB BW (MHz)	Verdict
n30	15	10	DFT-BPSK	M	Outer_Full	8.918	9.500	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	8.914	9.620	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	8.933	9.620	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	8.944	9.540	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	8.956	9.580	PASS

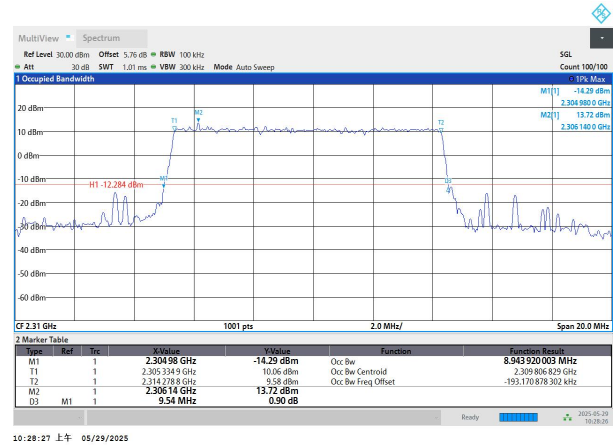
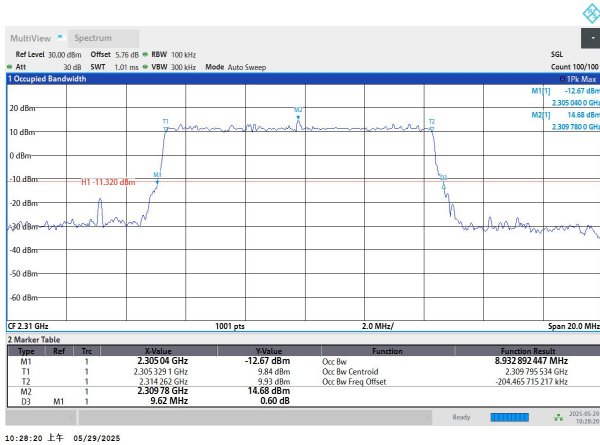


Test Graphs



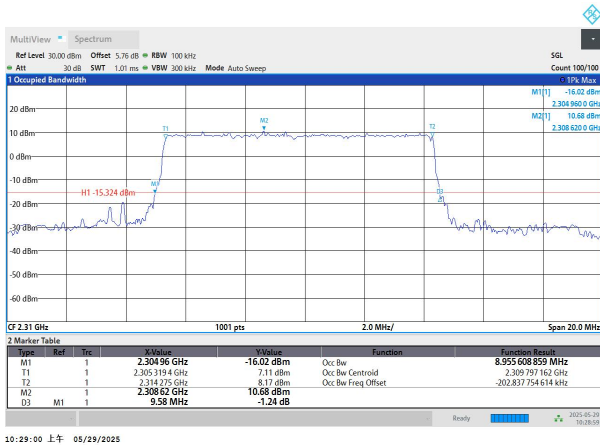
NTNV-n30-PC3-15-10-M-DFT-BPSK-Outer_Full-Ant1-PASS

NTNV-n30-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-n30-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant1-PASS

NTNV-n30-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-n30-PC3-15-10-M-DFT-256QAM-Outer_Full-Ant1-PASS



Appendix D: Band Edge

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	-12.09	/
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	-15.06	PASS_Final1
n30	15	10	DFT-BPSK	M	Edge_1RB_Right	-15.03	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	-36.60	/
n30	15	10	DFT-BPSK	M	Outer_Full	-41.17	PASS_Final1
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	-13.29	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Right	-14.81	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	-36.75	/
n30	15	10	DFT-QPSK	M	Outer_Full	-37.81	PASS_Final1

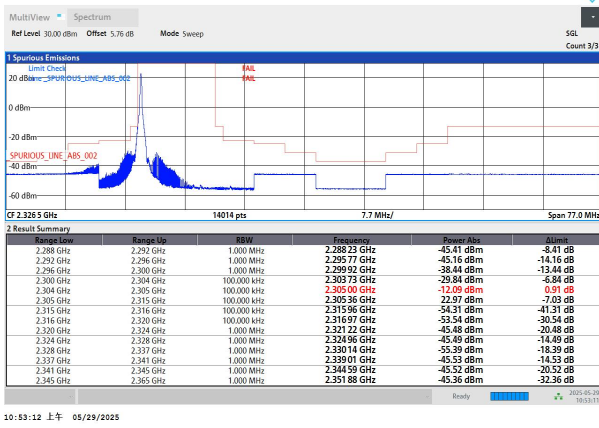


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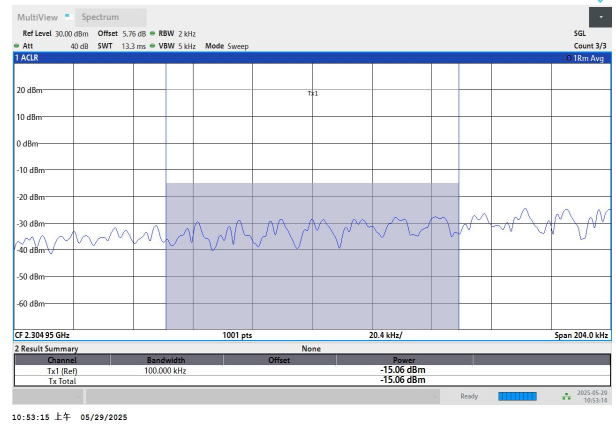
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Test Graphs



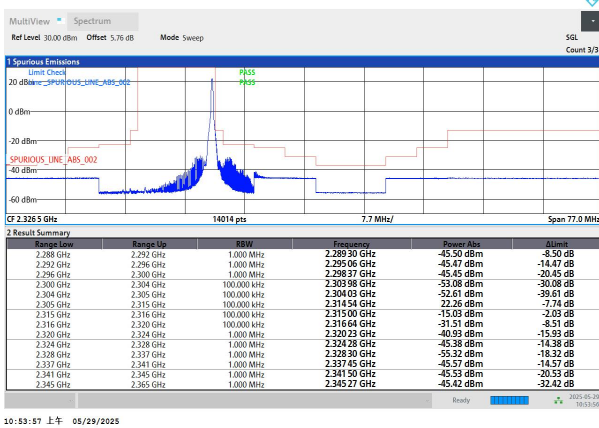
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NTVN-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left



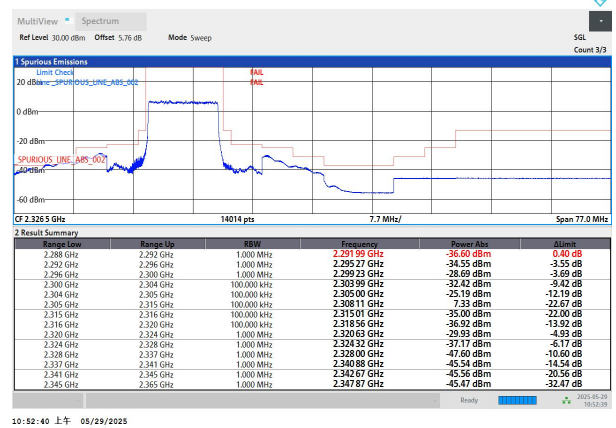
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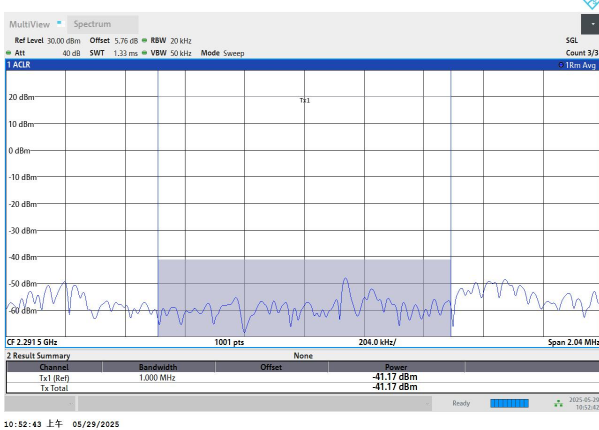
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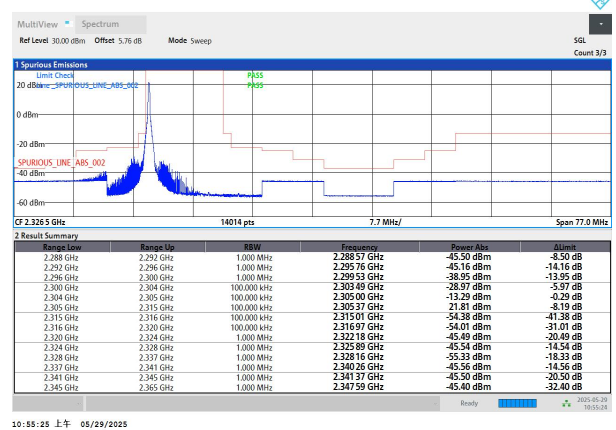
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NTVN-n30-PC3-15-10-M-DFT-BPSK-Outer_Full



10:52:43 上午 05/29/2025

NTVN-n30-PC3-15-10-M-DFT-BPSK-Outer_Full-PASS_Final1



10:55:28 上午 05/29/2025

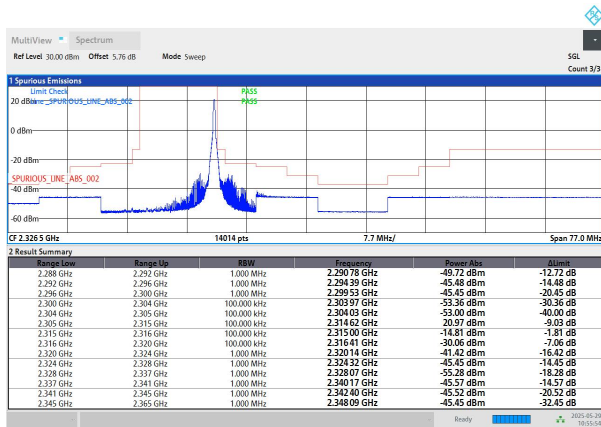
NTVN-n30-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-PASS



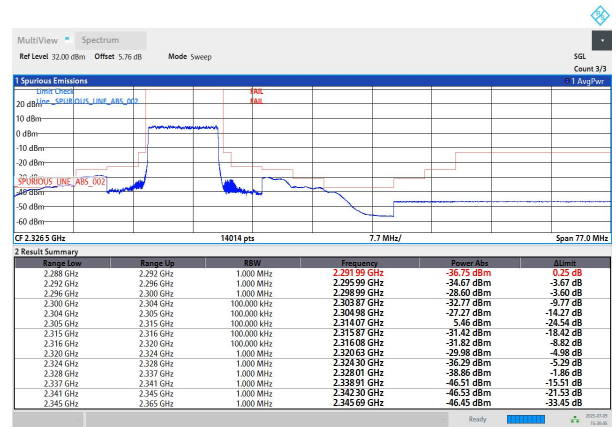
CVC Testing Technology (Shenzhen) Co., Ltd.

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10:55:55 上午 05/29/2025



03:30:06 PM 07/09/2025

NTNV-n30-PC3-15-10-M-DFT-QPSK-Edge_1RB_Right-PASS

NTNV-n30-PC3-15-10-M-DFT-QPSK-Outer_Full



03:30:09 PM 07/09/2025

NTNV-n30-PC3-15-10-M-DFT-QPSK-Outer_Full-PASS_Final1



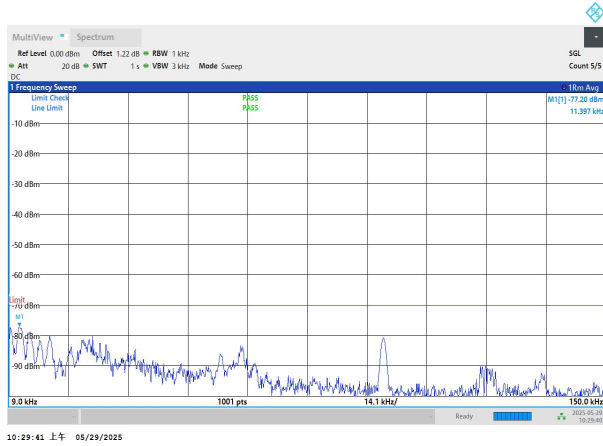
Appendix E: Conducted Spurious Emission

Test Result

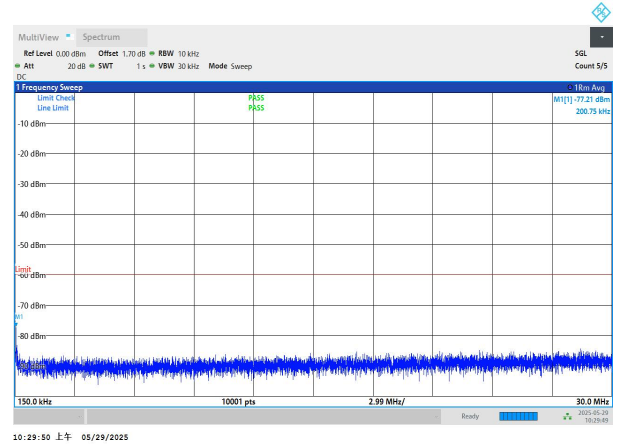
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Start Freq (MHz)	Stop Freq (MHz)	Result (dBm)	Limit (dBm)	Verdict
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	0.009	0.15	-77.20	≤-70dBm	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	0.15	30	-77.21	≤-60dBm	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	30	1000	-57.97	≤-50dBm	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	1000	3000	-47.49	≤-40dBm	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	3000	12000	-47.18	≤-40dBm	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	12000	26500	-50.81	≤-40dBm	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-76.27	≤-70dBm	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-77.22	≤-60dBm	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.96	≤-50dBm	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-47.40	≤-40dBm	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-47.95	≤-40dBm	PASS
n30	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	26500	-50.84	≤-40dBm	PASS



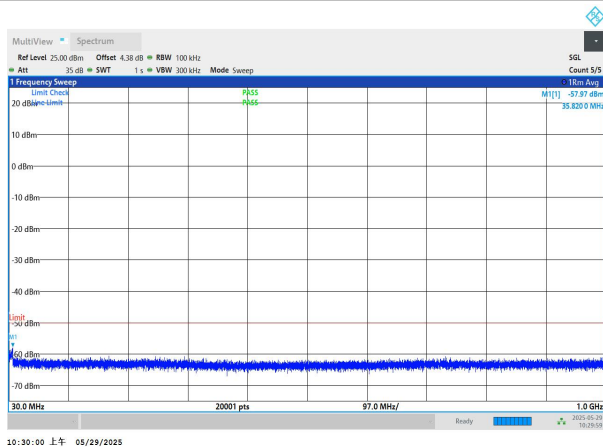
Test Graphs



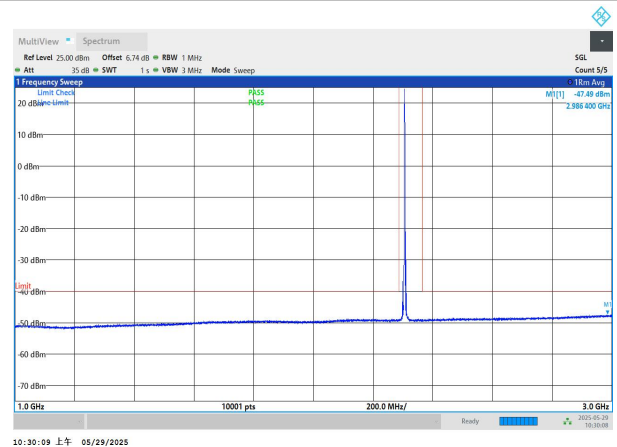
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



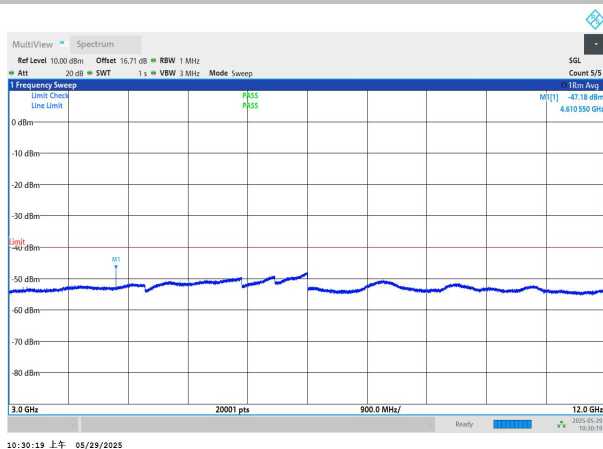
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-0.15-30-PA
SS



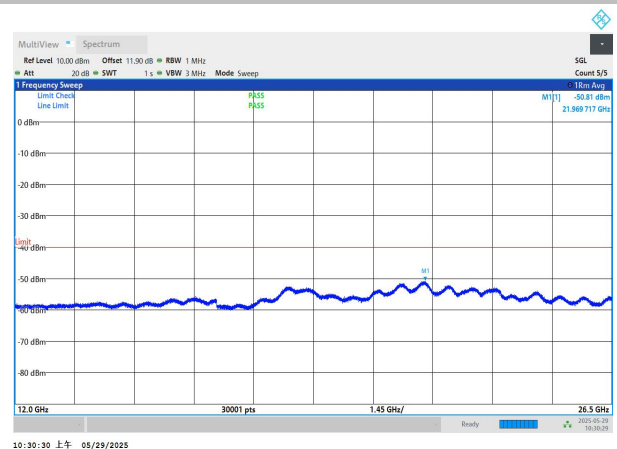
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-30-1000-P
ASS



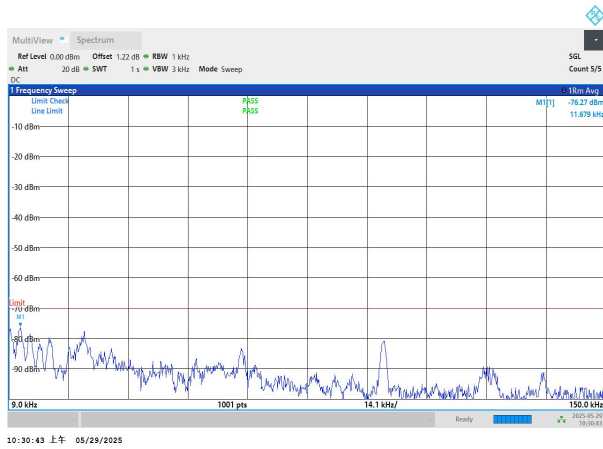
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS



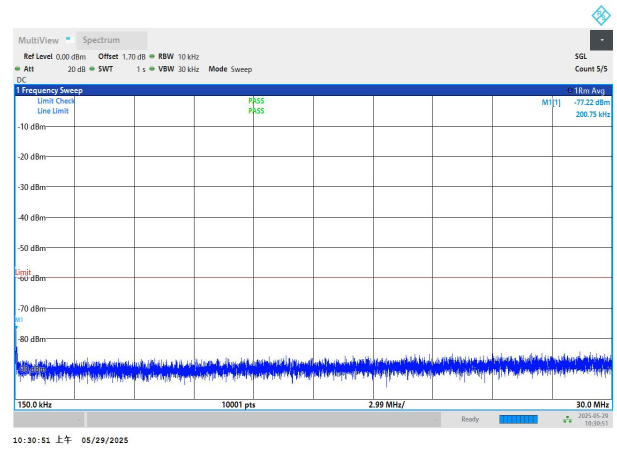
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-3000-1200
0-PASS



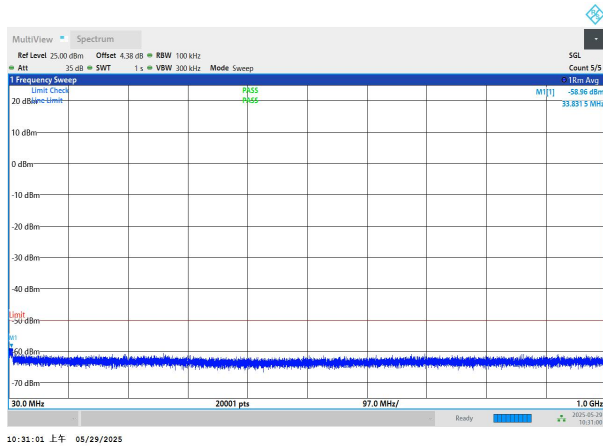
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0-PASS



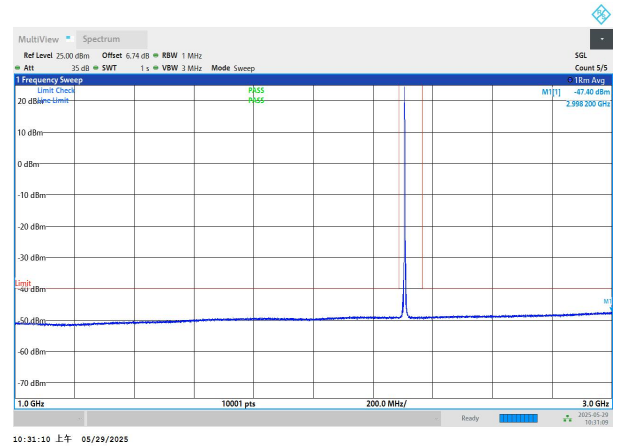
NTNV-n30-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-0.009-0.15
-PASS



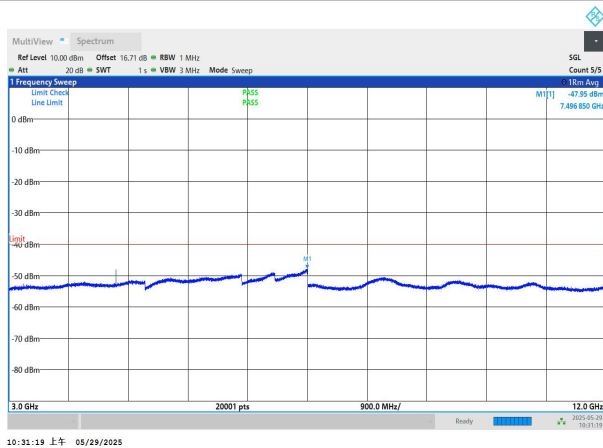
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SS



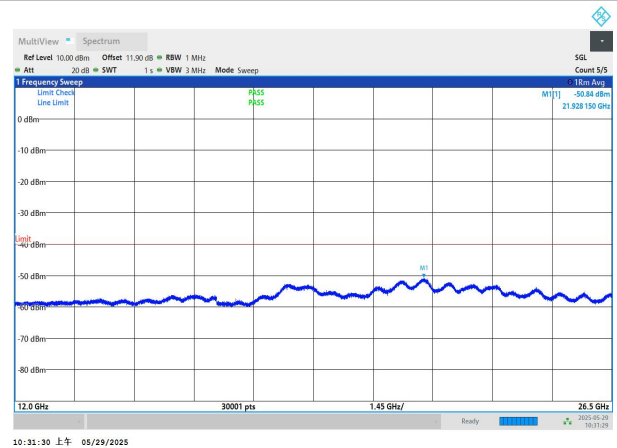
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ASS



NTNV-n30-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n30-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-3000-1200
0-PASS



NTNV-n30-PC3-15-10-M-DFT-QPSK-Edge_1RB_Left-12000-2650
0-PASS



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
n30	15	10	DFT-BPSK	M	Outer_Full	VL	NT	11	0.004762	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	VN	NT	13	0.005628	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	VH	NT	7	0.00303	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	VL	NT	10	0.004329	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	VN	NT	4	0.001732	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	VH	NT	4	0.001732	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
n30	15	10	DFT-BPSK	M	Outer_Full	NV	-30	4	0.001732	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	-20	11	0.004762	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	-10	8	0.003463	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	0	9	0.003896	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	10	13	0.005628	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	20	13	0.005628	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	30	7	0.00303	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	40	4	0.001732	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	50	4	0.001732	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	-30	17	0.007359	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	-20	17	0.007359	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	-10	14	0.006061	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	0	3	0.001299	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	10	19	0.008225	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	20	12	0.005195	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	30	13	0.005628	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	40	6	0.002597	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	NV	50	3	0.001299	PASS

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