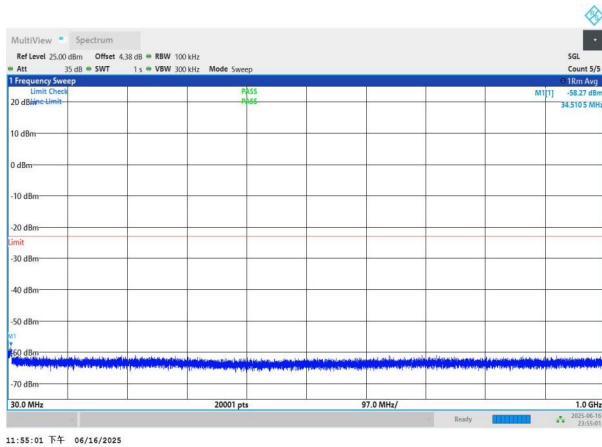
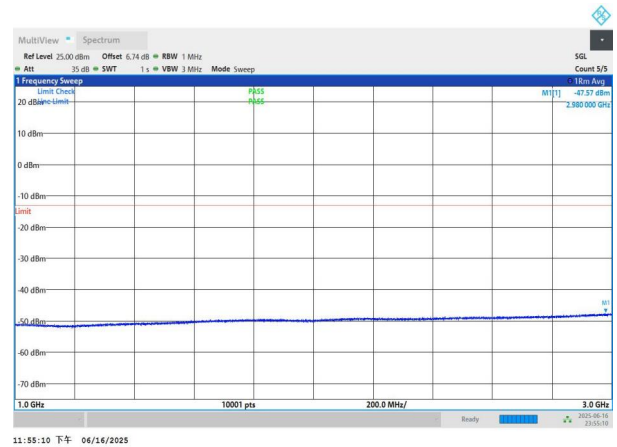
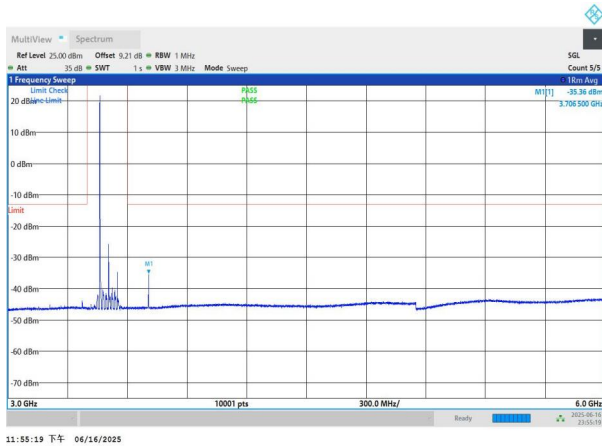




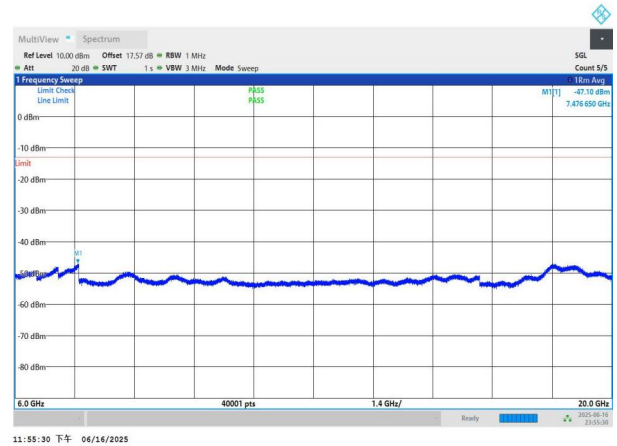
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left
-30-1000-PASS



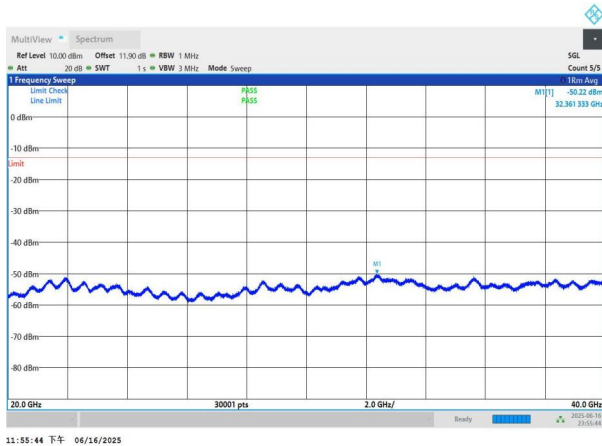
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left
1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left
-3000-6000-PASS



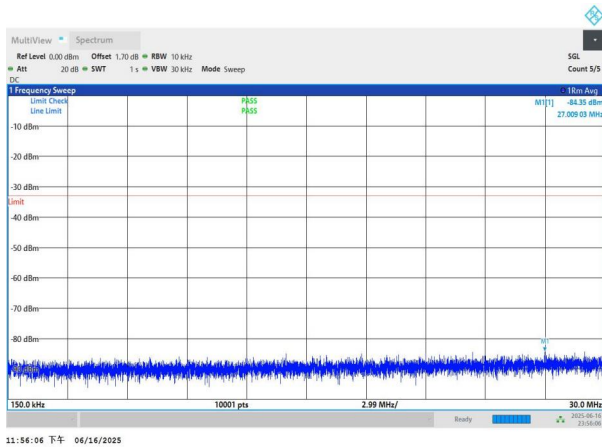
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left
6000-20000-PASS



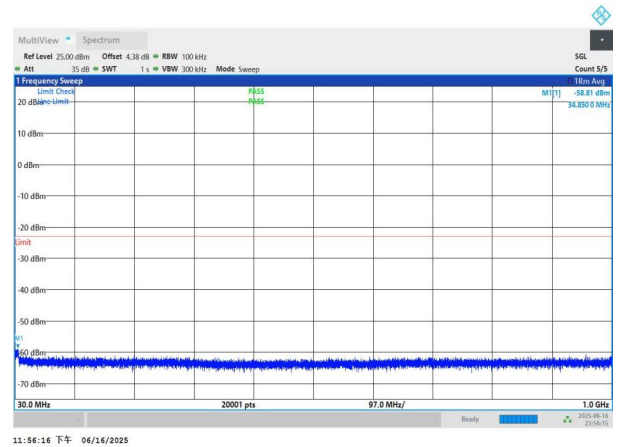
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left
-20000-40000-PASS



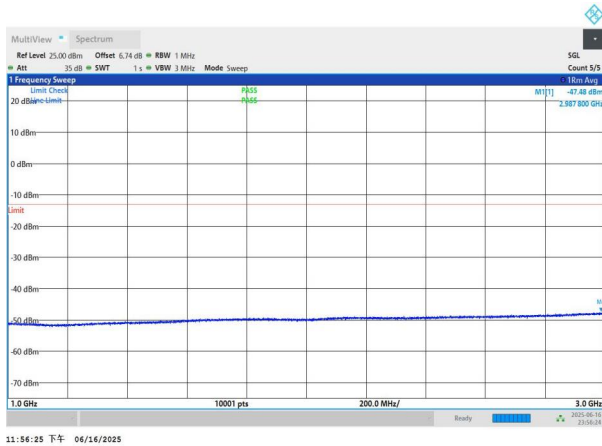
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-0.009-0.15-PASS



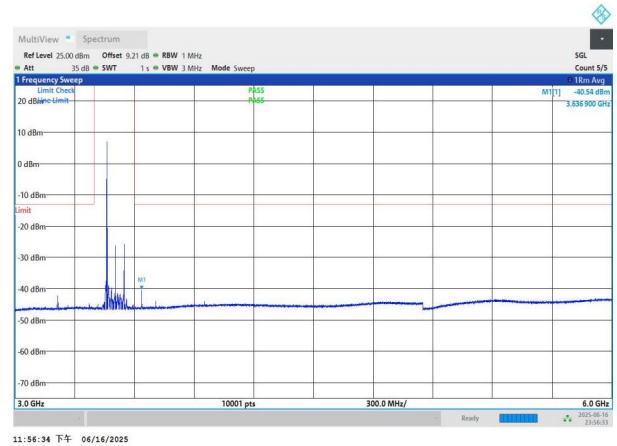
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-0.15-30-PASS



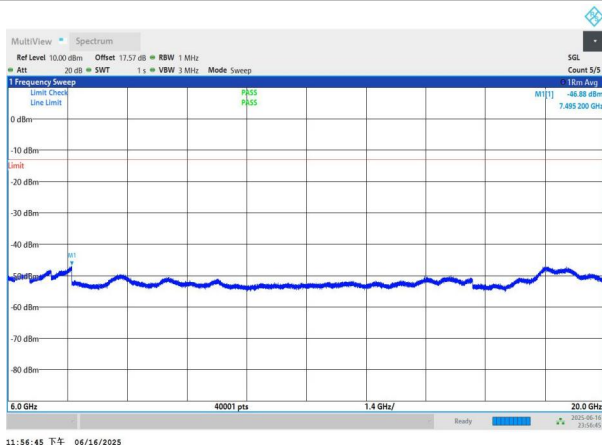
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-30-1000-PASS



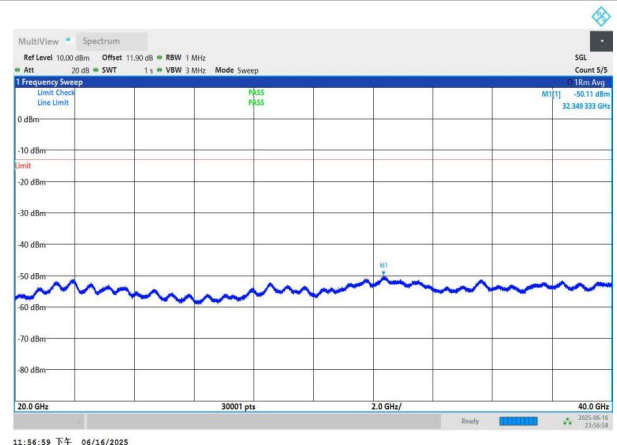
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-1000-3000-PASS



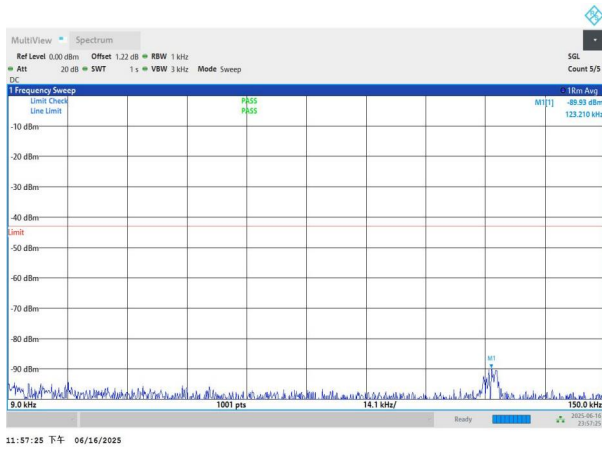
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-3000-6000-PASS



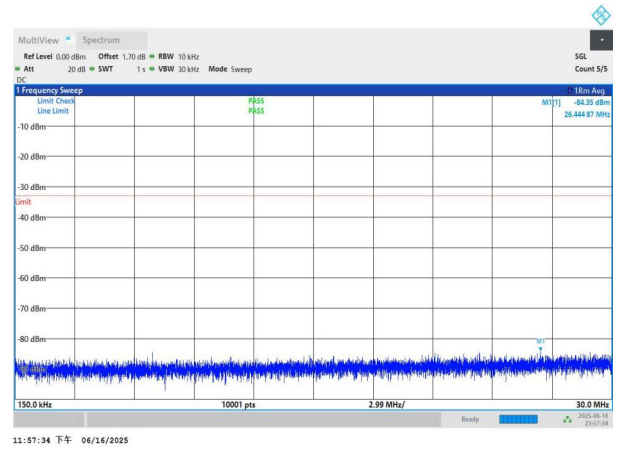
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-6000-20000-PASS



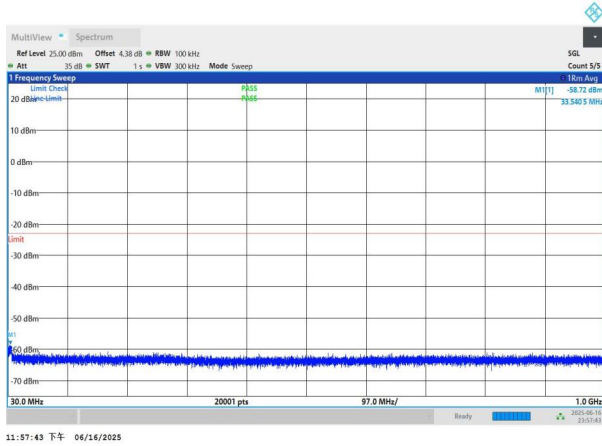
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left
-20000-40000-PASS



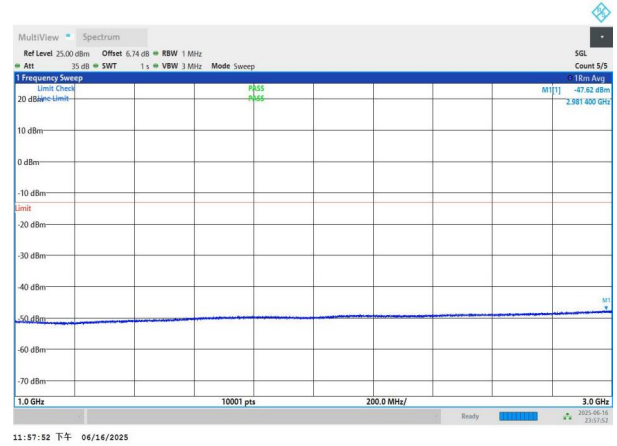
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Lef
t-0.009-0.15-PASS



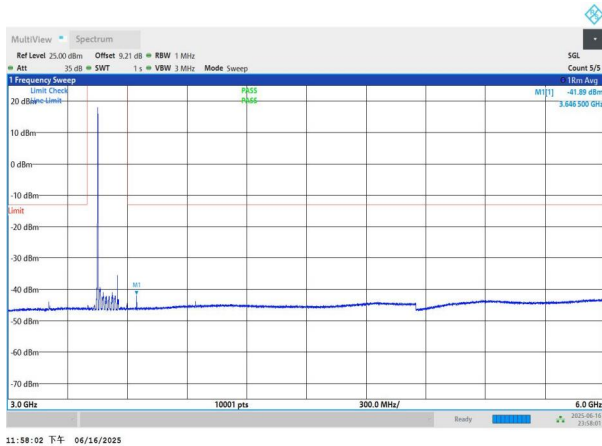
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left
-0.15-30-PASS



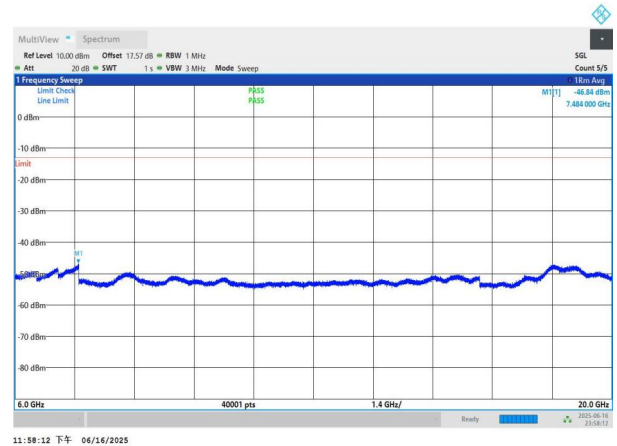
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Lef
t-30-1000-PASS



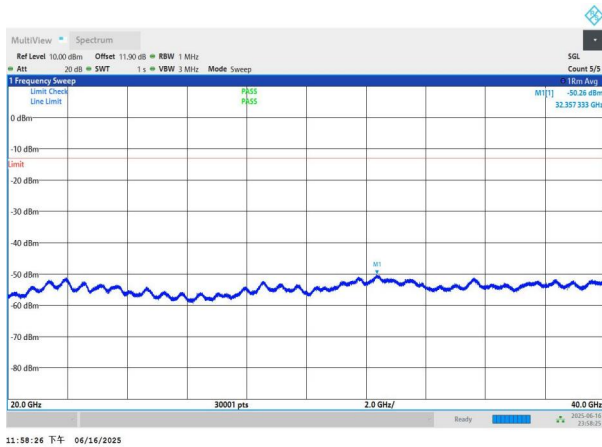
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left
-1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Lef
t-3000-6000-PASS



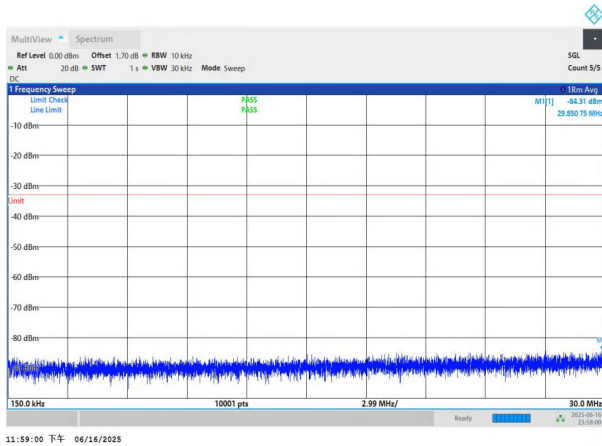
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left
-6000-20000-PASS



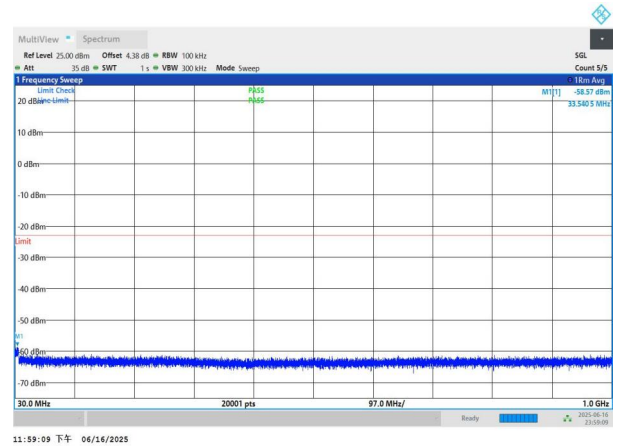
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Lef
t-20000-40000-PASS



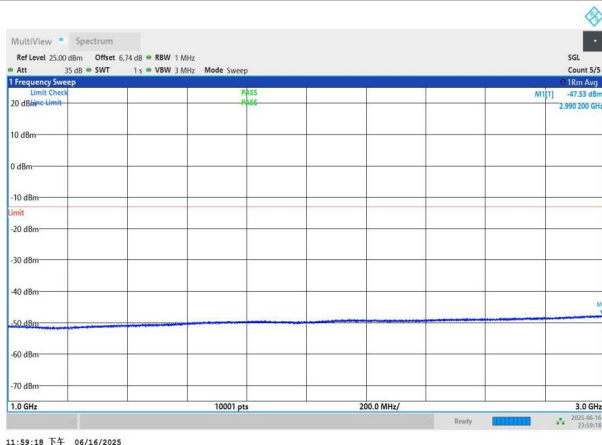
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-0.009-0.15-PASS



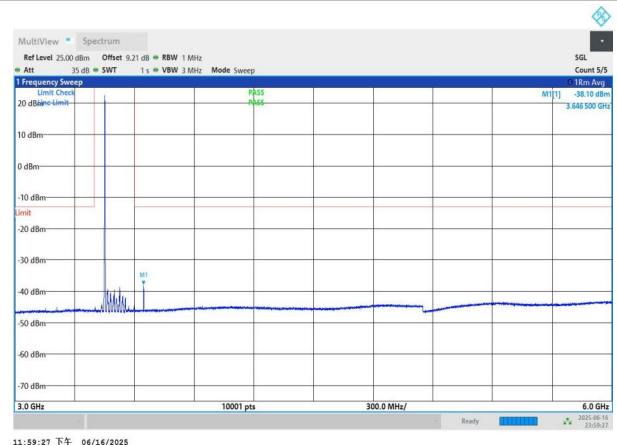
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-0.15-30-PASS



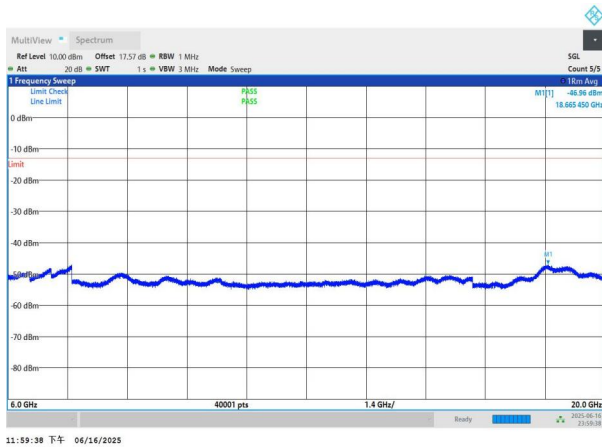
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-30-1000-PASS



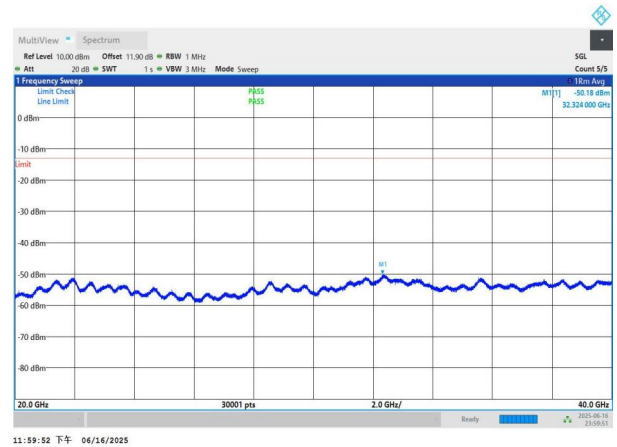
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-1000-3000-PASS



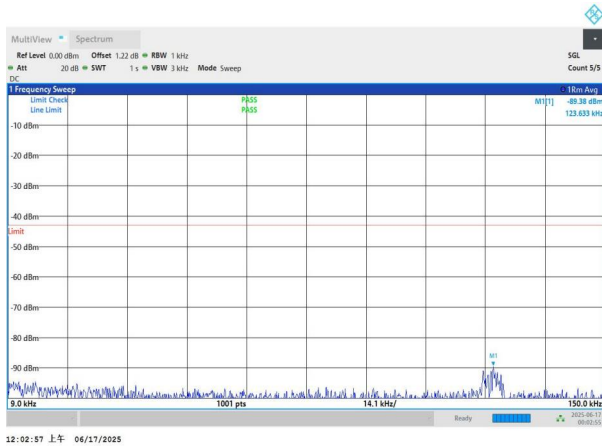
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-3000-6000-PASS



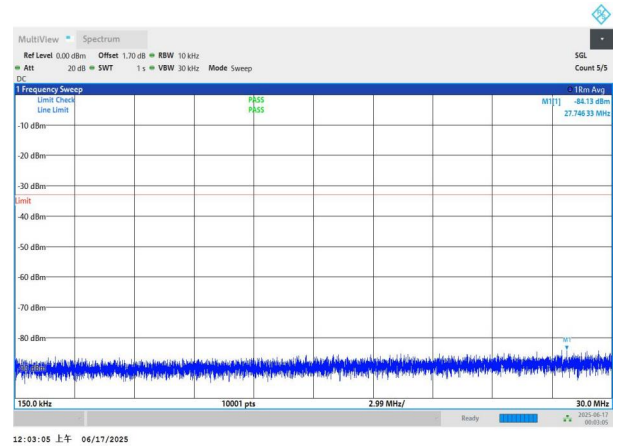
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-6000-20000-PASS



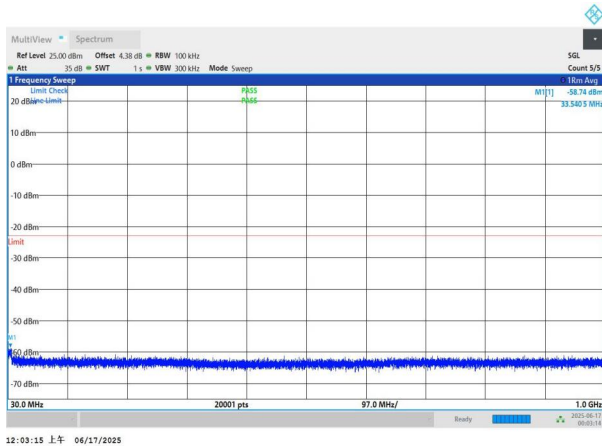
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Lef
t-20000-40000-PASS



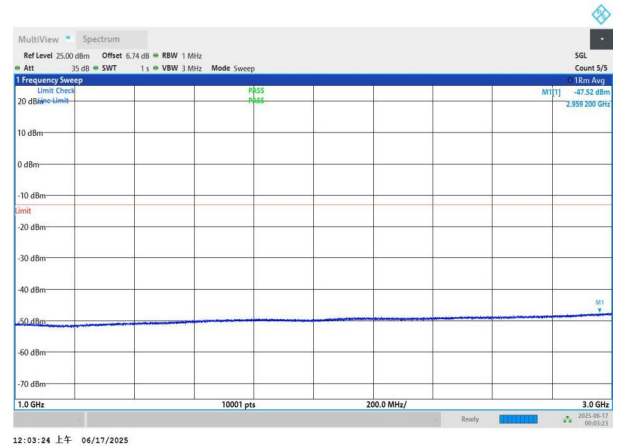
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Le
ft-0.009-0.15-PASS



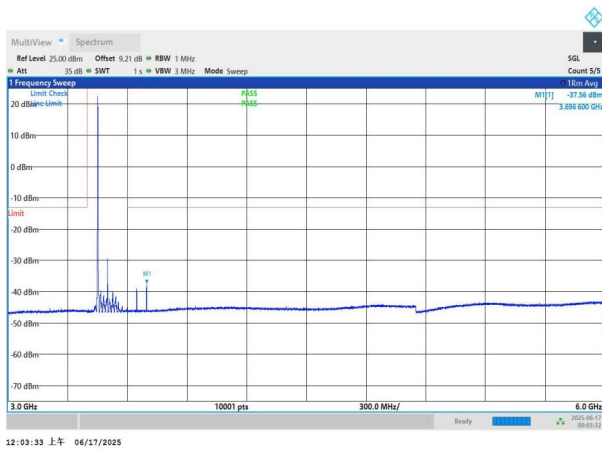
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Lef
t-0.15-30-PASS



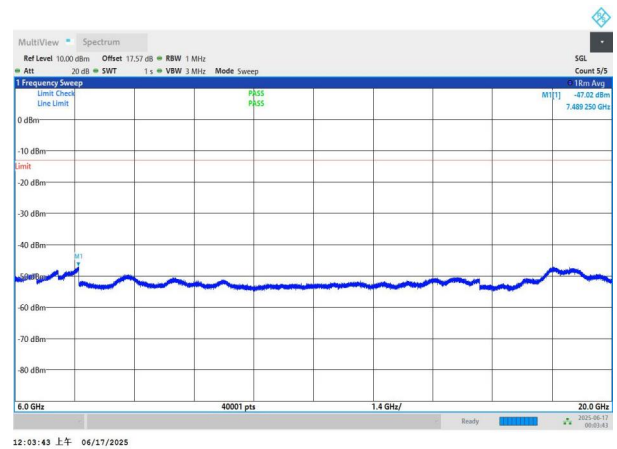
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Le
ft-30-1000-PASS



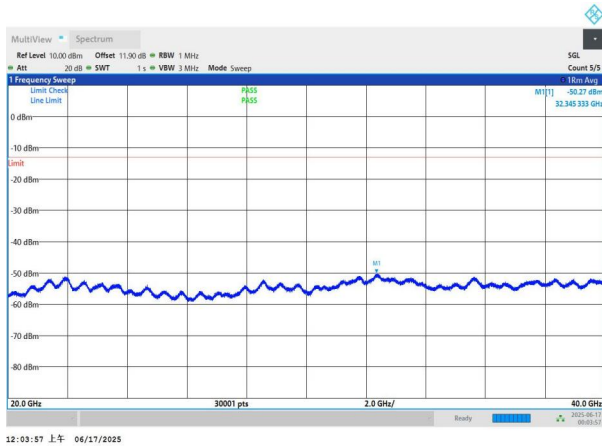
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Lef
t-1000-3000-PASS



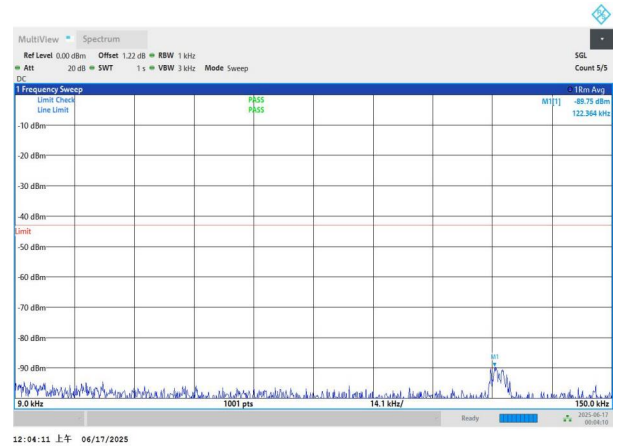
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Le
ft-3000-6000-PASS



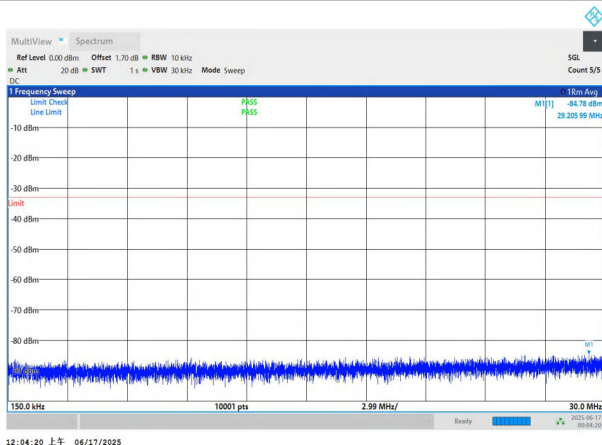
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Lef
t-6000-20000-PASS



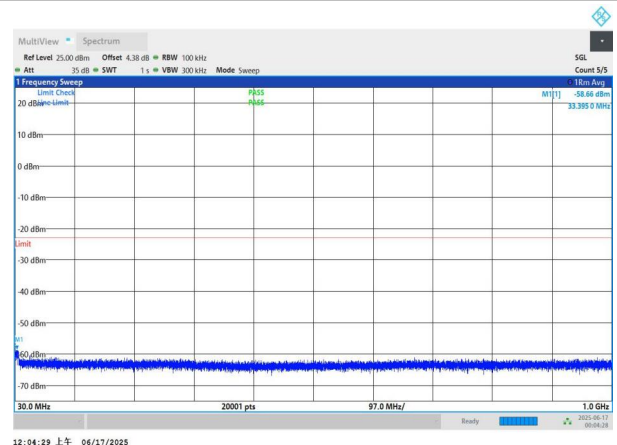
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Le
ft-20000-40000-PASS



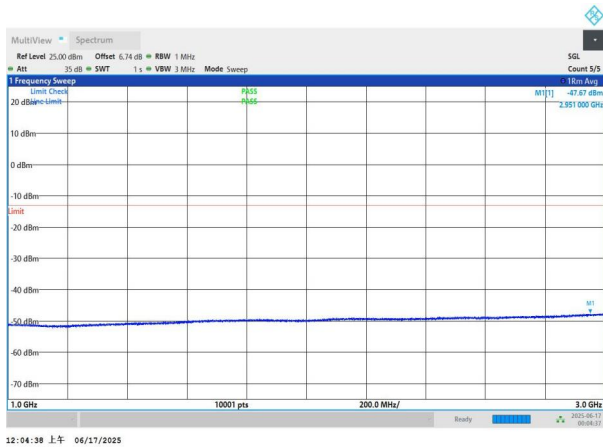
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-0.009-0.15-PASS



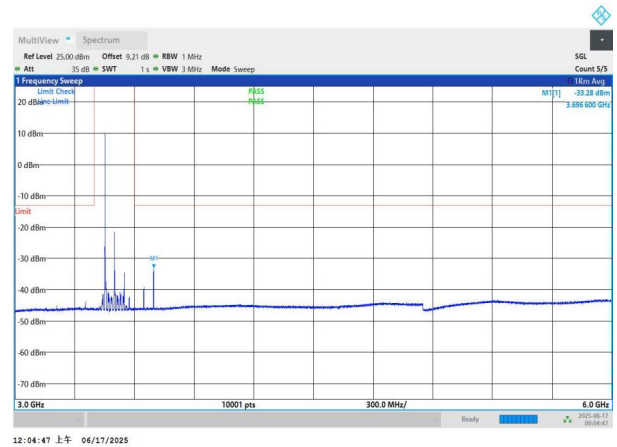
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-0.15-30-PASS



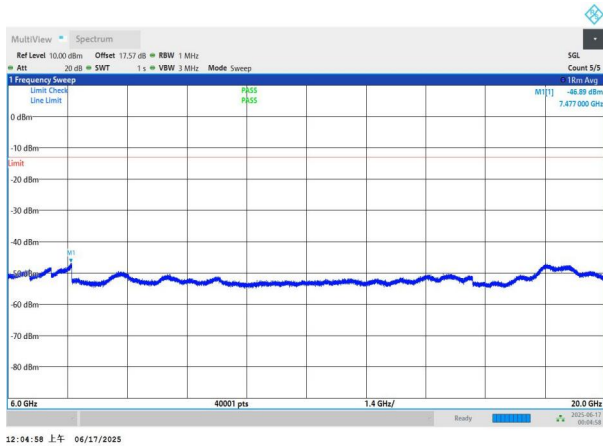
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-30-1000-PASS



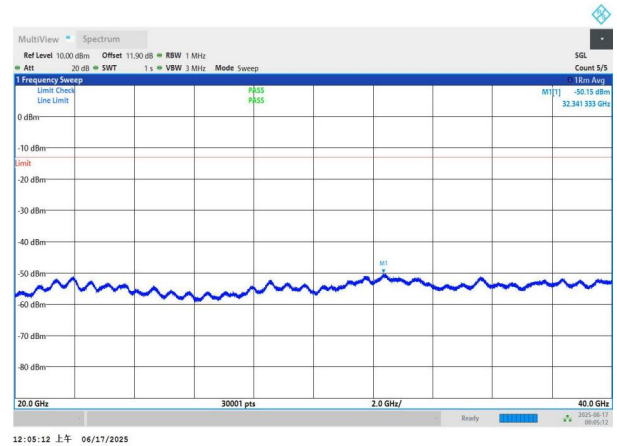
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-3000-6000-PASS



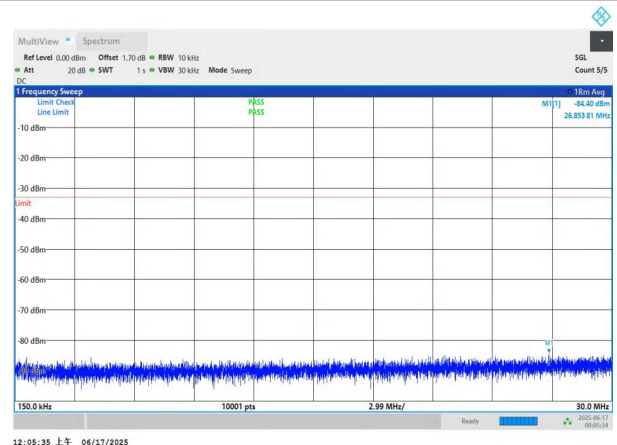
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-6000-20000-PASS



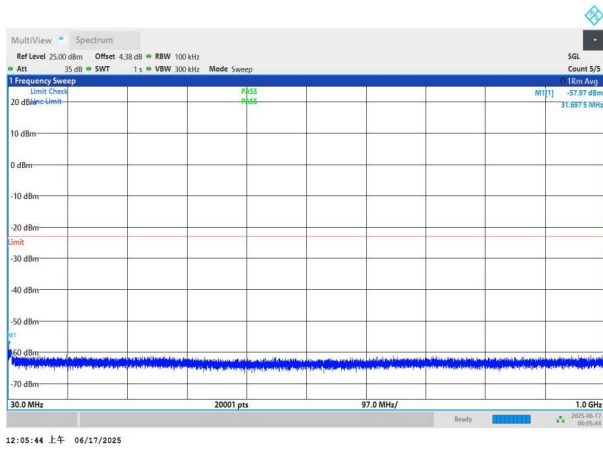
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Le
ft-20000-40000-PASS



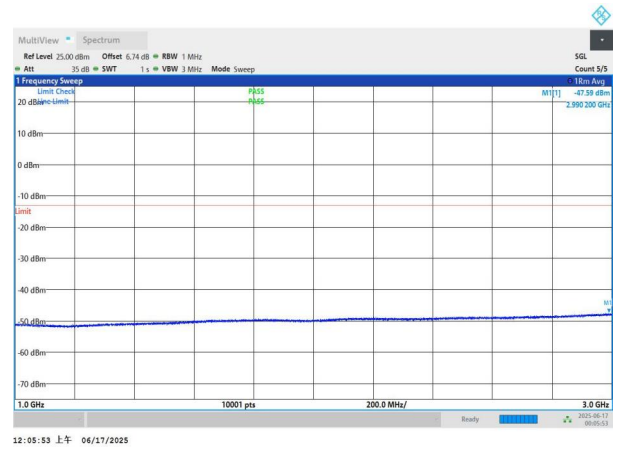
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-0.009-0.15-PASS



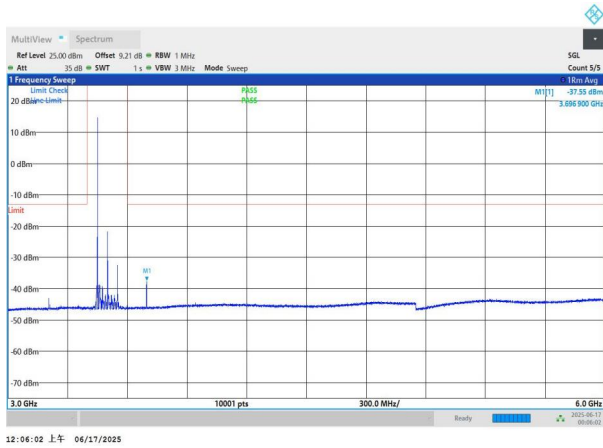
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-0.15-30-PASS



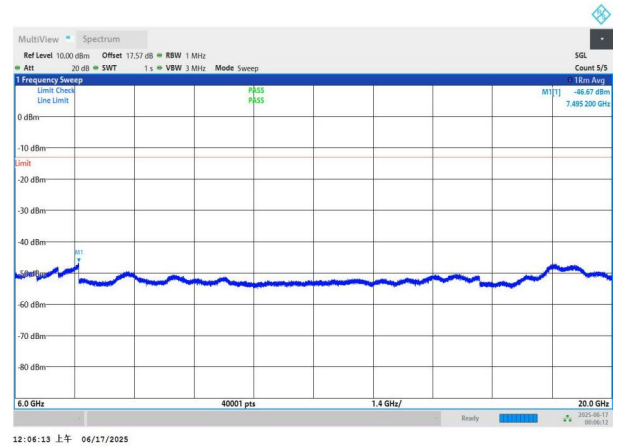
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-30-1000-PASS



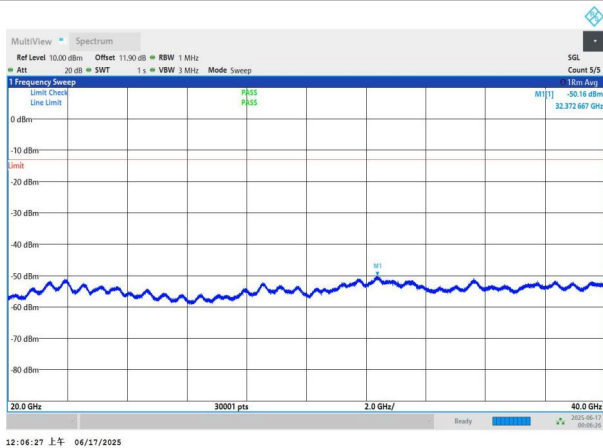
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-3000-6000-PASS



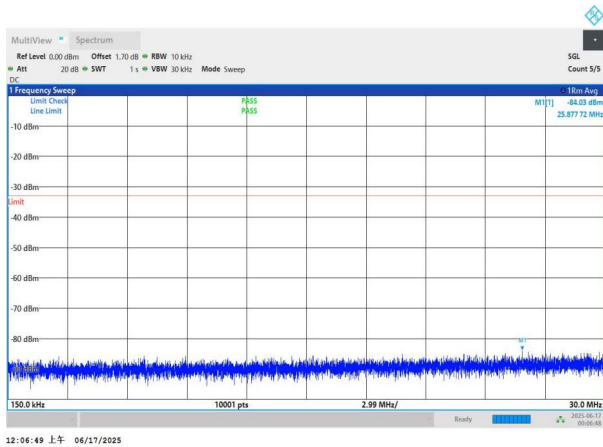
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-6000-20000-PASS



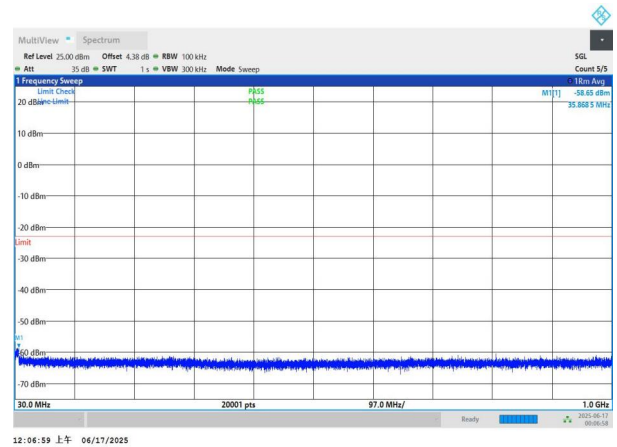
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Lef
t-20000-40000-PASS



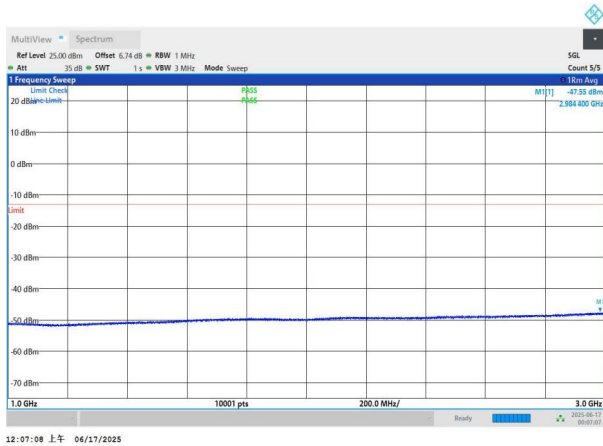
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Lef
t-0.009-0.15-PASS



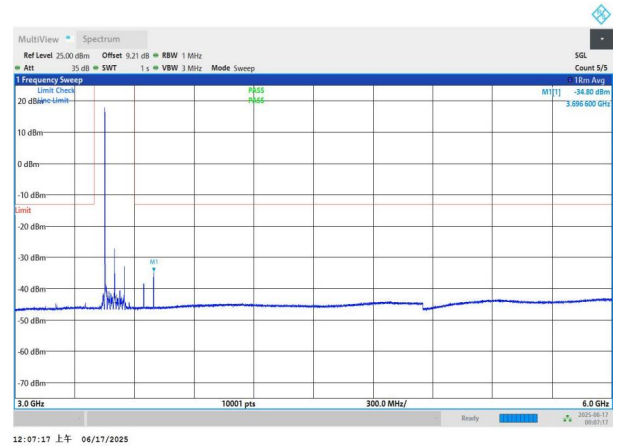
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Le
ft-0.15-30-PASS



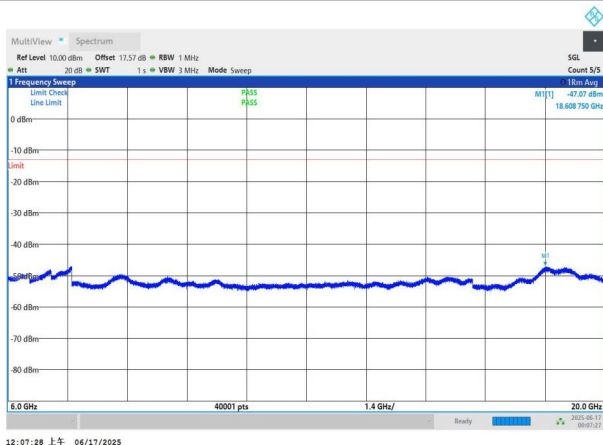
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Lef
t-30-1000-PASS



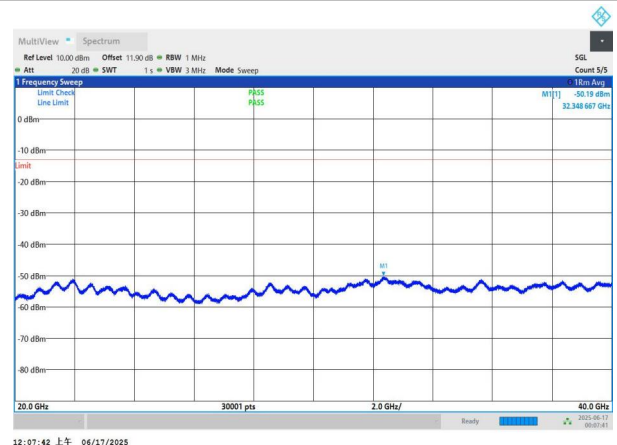
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Le
ft-1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Lef
t-3000-6000-PASS



NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Le
ft-6000-20000-PASS



NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Lef
t-20000-40000-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
n77(3450-3550)	30	10	DFT-BPSK	L	Outer_Full	VL	NT	16	0.004631	PASS
n77(3450-3550)	30	10	DFT-BPSK	L	Outer_Full	VN	NT	10	0.002894	PASS
n77(3450-3550)	30	10	DFT-BPSK	L	Outer_Full	VH	NT	13	0.003763	PASS
n77(3450-3550)	30	10	DFT-QPSK	L	Outer_Full	VL	NT	6	0.001737	PASS
n77(3450-3550)	30	10	DFT-QPSK	L	Outer_Full	VN	NT	18	0.00521	PASS
n77(3450-3550)	30	10	DFT-QPSK	L	Outer_Full	VH	NT	12	0.003473	PASS
n77(3450-3550)	30	10	DFT-BPSK	M	Outer_Full	VL	NT	10	0.002857	PASS
n77(3450-3550)	30	10	DFT-BPSK	M	Outer_Full	VN	NT	16	0.004571	PASS
n77(3450-3550)	30	10	DFT-BPSK	M	Outer_Full	VH	NT	9	0.002571	PASS
n77(3450-3550)	30	10	DFT-QPSK	M	Outer_Full	VL	NT	13	0.003714	PASS
n77(3450-3550)	30	10	DFT-QPSK	M	Outer_Full	VN	NT	13	0.003714	PASS
n77(3450-3550)	30	10	DFT-QPSK	M	Outer_Full	VH	NT	7	0.002	PASS
n77(3450-3550)	30	10	DFT-BPSK	H	Outer_Full	VL	NT	12	0.003385	PASS
n77(3450-3550)	30	10	DFT-BPSK	H	Outer_Full	VN	NT	9	0.002539	PASS
n77(3450-3550)	30	10	DFT-BPSK	H	Outer_Full	VH	NT	3	0.000846	PASS
n77(3450-3550)	30	10	DFT-QPSK	H	Outer_Full	VL	NT	4	0.001128	PASS
n77(3450-3550)	30	10	DFT-QPSK	H	Outer_Full	VN	NT	17	0.004796	PASS
n77(3450-3550)	30	10	DFT-QPSK	H	Outer_Full	VH	NT	3	0.000846	PASS
n77(3450-3550)	30	15	DFT-BPSK	L	Outer_Full	VL	NT	1	0.000289	PASS
n77(3450-3550)	30	15	DFT-BPSK	L	Outer_Full	VN	NT	13	0.00376	PASS
n77(3450-3550)	30	15	DFT-BPSK	L	Outer_Full	VH	NT	17	0.004917	PASS
n77(3450-3550)	30	15	DFT-QPSK	L	Outer_Full	VL	NT	4	0.001157	PASS
n77(3450-3550)	30	15	DFT-QPSK	L	Outer_Full	VN	NT	4	0.001157	PASS
n77(3450-3550)	30	15	DFT-QPSK	L	Outer_Full	VH	NT	17	0.004917	PASS
n77(3450-3550)	30	15	DFT-BPSK	M	Outer_Full	VL	NT	9	0.002571	PASS
n77(3450-3550)	30	15	DFT-BPSK	M	Outer_Full	VN	NT	9	0.002571	PASS
n77(3450-3550)	30	15	DFT-BPSK	M	Outer_Full	VH	NT	3	0.000857	PASS
n77(3450-3550)	30	15	DFT-QPSK	M	Outer_Full	VL	NT	2	0.000571	PASS
n77(3450-3550)	30	15	DFT-QPSK	M	Outer_Full	VN	NT	5	0.001429	PASS
n77(3450-3550)	30	15	DFT-QPSK	M	Outer_Full	VH	NT	17	0.004857	PASS
n77(3450-3550)	30	15	DFT-BPSK	H	Outer_Full	VL	NT	12	0.003387	PASS
n77(3450-3550)	30	15	DFT-BPSK	H	Outer_Full	VN	NT	5	0.001411	PASS
n77(3450-3550)	30	15	DFT-BPSK	H	Outer_Full	VH	NT	5	0.001411	PASS