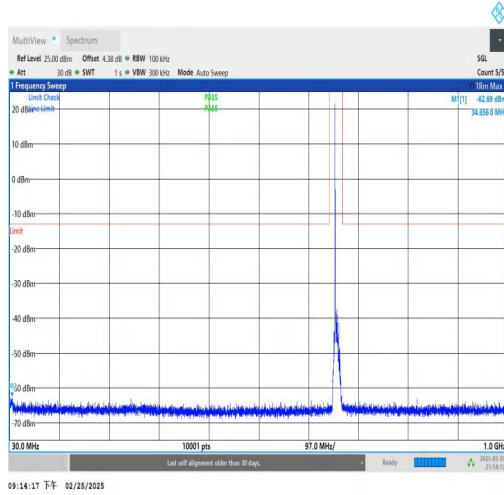




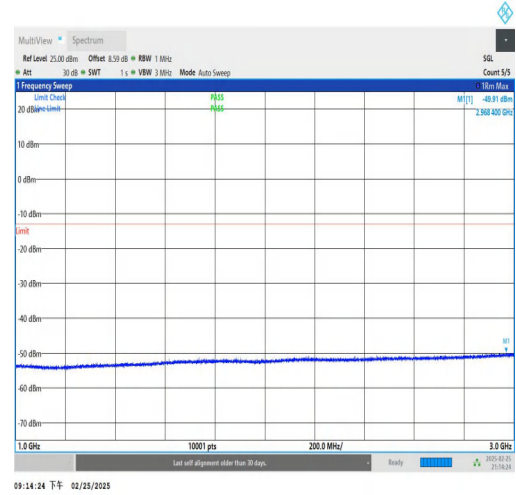
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-62.28	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-49.73	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-46.77	-13	PASS
N71	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-46.60	-13	PASS
N71	15	10	DFT-PI2BPSK	H	Edge_1RB_Left	30	1000	-62.53	-13	PASS
N71	15	10	DFT-PI2BPSK	H	Edge_1RB_Left	1000	3000	-49.83	-13	PASS
N71	15	10	DFT-PI2BPSK	H	Edge_1RB_Left	3000	12000	-47.20	-13	PASS
N71	15	10	DFT-PI2BPSK	H	Edge_1RB_Left	12000	20000	-46.36	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-61.86	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-49.83	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-47.01	-13	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-46.49	-13	PASS
N71	15	20	DFT-PI2BPSK	L	Edge_1RB_Left	30	1000	-63.06	-13	PASS
N71	15	20	DFT-PI2BPSK	L	Edge_1RB_Left	1000	3000	-49.97	-13	PASS
N71	15	20	DFT-PI2BPSK	L	Edge_1RB_Left	3000	12000	-46.66	-13	PASS
N71	15	20	DFT-PI2BPSK	L	Edge_1RB_Left	12000	20000	-46.40	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-62.63	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-49.91	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-46.89	-13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-46.54	-13	PASS
N71	15	20	DFT-PI2BPSK	M	Edge_1RB_Left	30	1000	-62.46	-13	PASS
N71	15	20	DFT-PI2BPSK	M	Edge_1RB_Left	1000	3000	-49.87	-13	PASS
N71	15	20	DFT-PI2BPSK	M	Edge_1RB_Left	3000	12000	-47.22	-13	PASS
N71	15	20	DFT-PI2BPSK	M	Edge_1RB_Left	12000	20000	-46.58	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-62.57	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-49.88	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-46.86	-13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-46.26	-13	PASS
N71	15	20	DFT-PI2BPSK	H	Edge_1RB_Left	30	1000	-63.01	-13	PASS
N71	15	20	DFT-PI2BPSK	H	Edge_1RB_Left	1000	3000	-49.72	-13	PASS
N71	15	20	DFT-PI2BPSK	H	Edge_1RB_Left	3000	12000	-47.21	-13	PASS
N71	15	20	DFT-PI2BPSK	H	Edge_1RB_Left	12000	20000	-46.46	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-62.40	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-49.89	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-47.19	-13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-46.55	-13	PASS



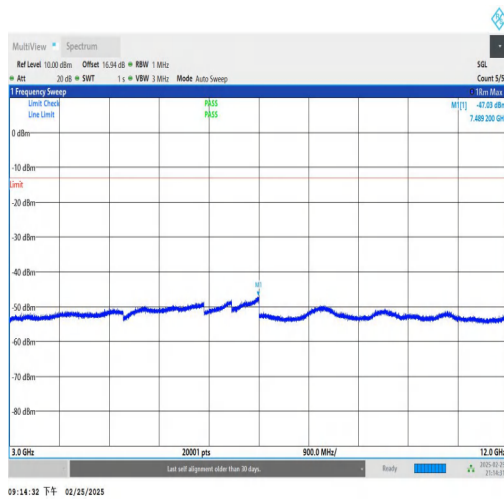
Test Graphs



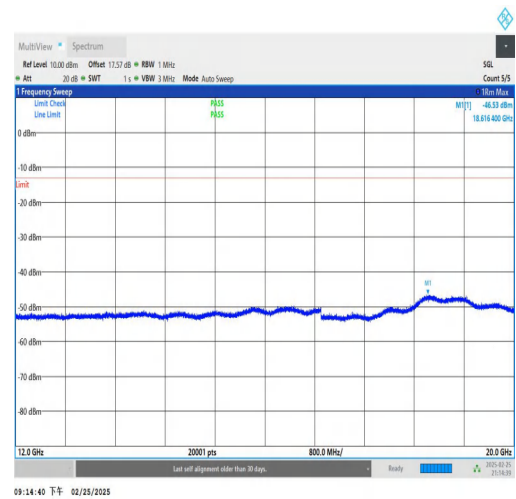
NTNV_N71_PC3_15_5_L_TID1_N/A_30_1000_#1



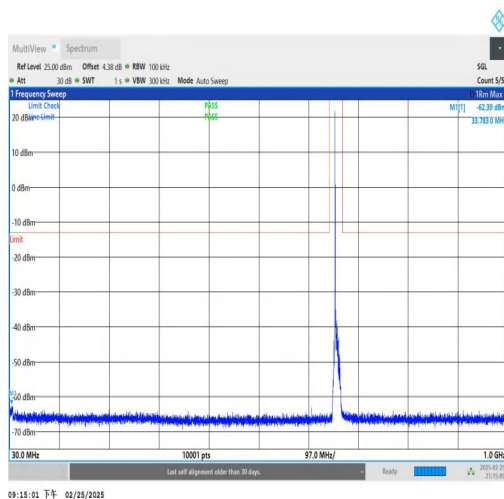
NTNV_N71_PC3_15_5_L_TID1_N/A_1000_3000_#1



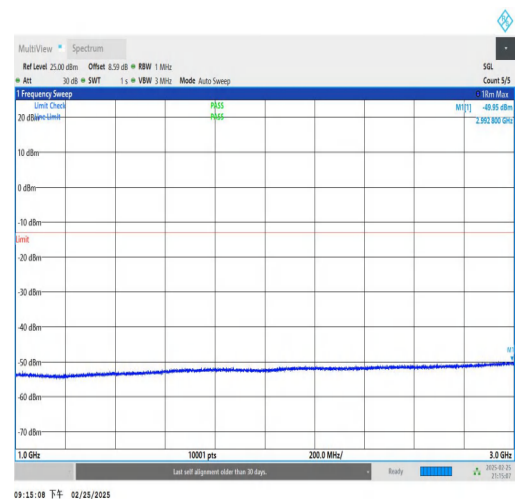
NTNV_N71_PC3_15_5_L_TID1_N/A_3000_12000_#1



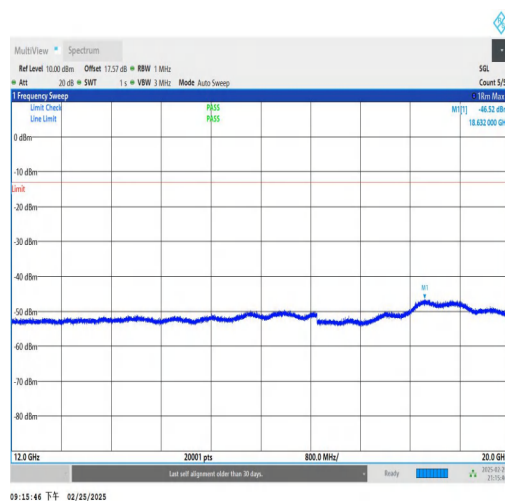
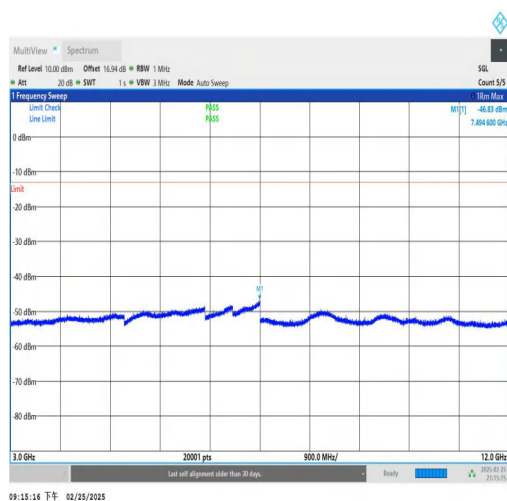
NTNV_N71_PC3_15_5_L_TID1_N/A_12000_20000_#1



NTNV_N71_PC3_15_5_L_TID2_N/A_30_1000_#1

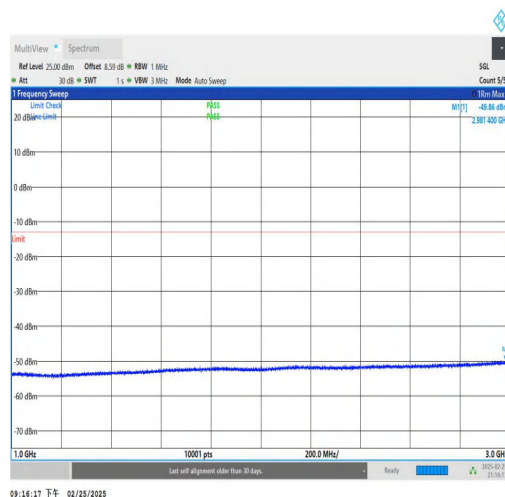
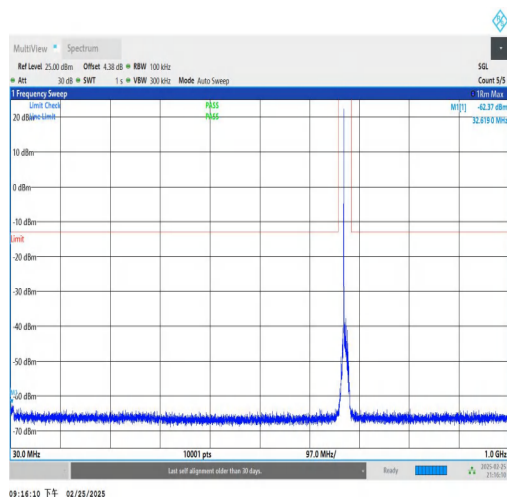


NTNV_N71_PC3_15_5_L_TID2_N/A_1000_3000_#1



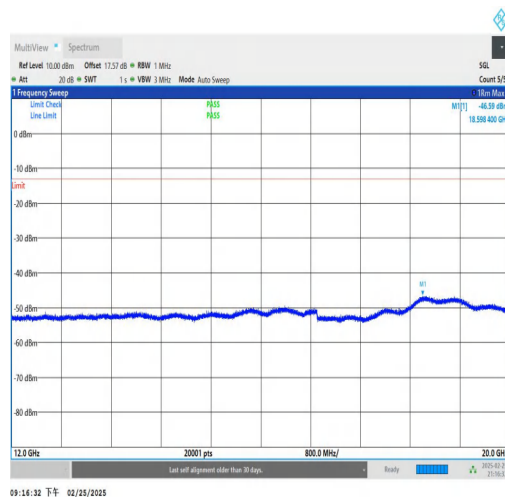
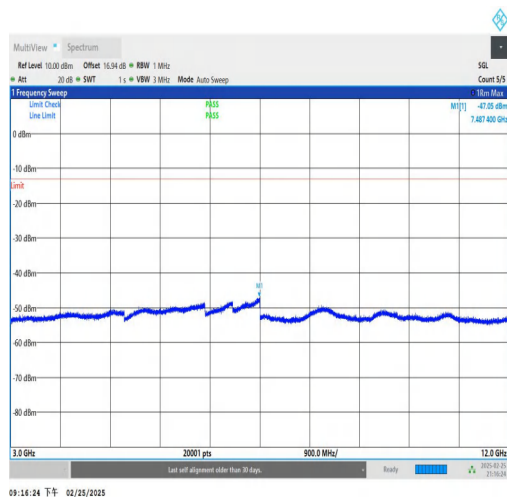
NTNV_N71_PC3_15_5_L_TID2_N/A_3000_12000_#1

NTNV_N71_PC3_15_5_L_TID2_N/A_12000_20000_#1



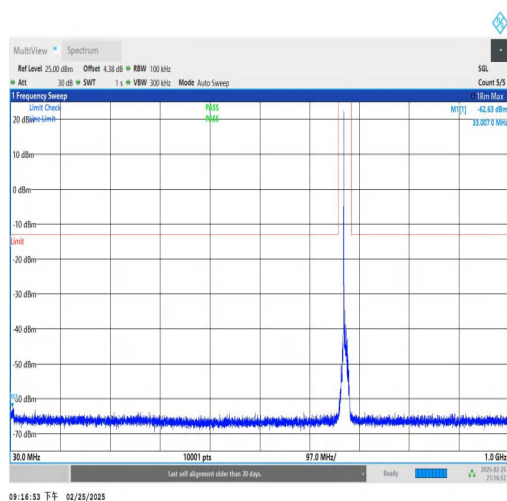
NTNV_N71_PC3_15_5_M_TID1_N/A_30_1000_#1

NTNV_N71_PC3_15_5_M_TID1_N/A_1000_3000_#1

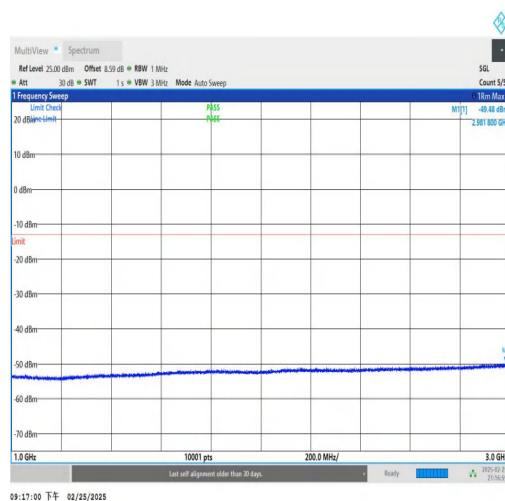


NTNV_N71_PC3_15_5_M_TID1_N/A_3000_12000_#1

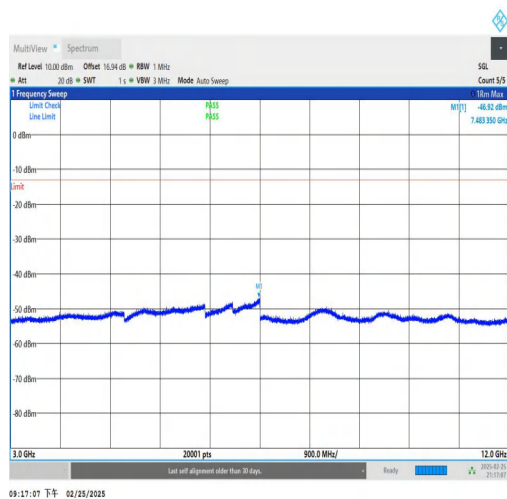
NTNV_N71_PC3_15_5_M_TID1_N/A_12000_20000_#1



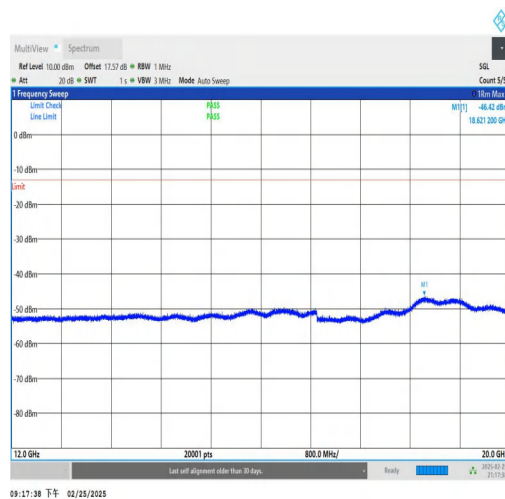
NTNV_N71_PC3_15_5_M_TID2_N/A_30_1000_#1



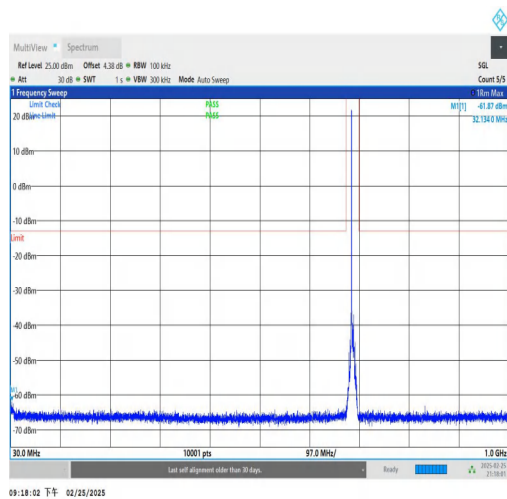
NTNV_N71_PC3_15_5_M_TID2_N/A_1000_3000_#1



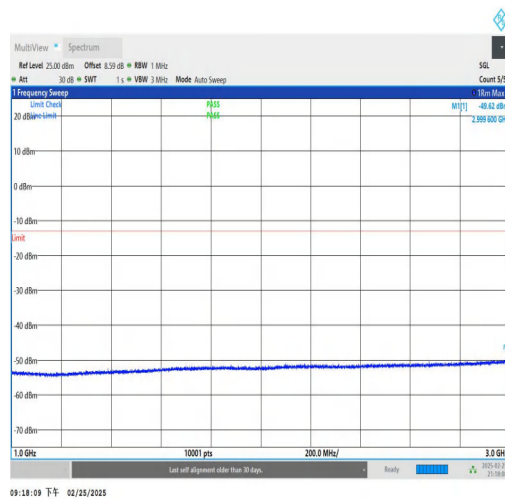
NTNV_N71_PC3_15_5_M_TID2_N/A_3000_12000_#1



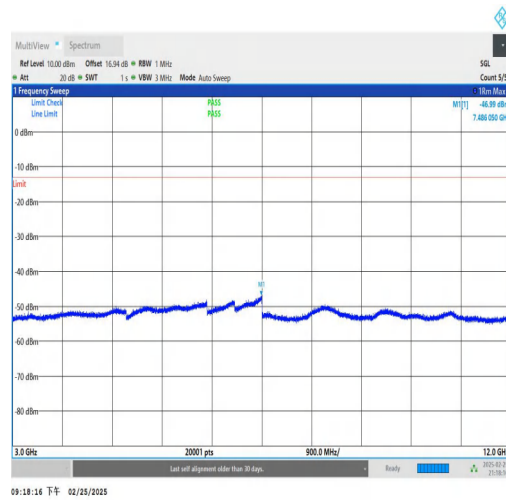
NTNV_N71_PC3_15_5_M_TID2_N/A_12000_20000_#1



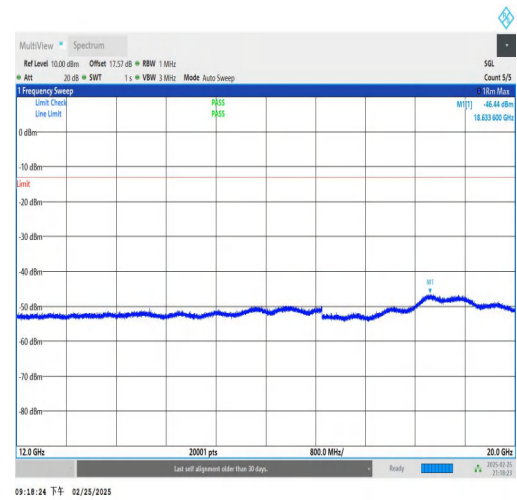
NTNV_N71_PC3_15_5_H_TID1_N/A_30_1000_#1



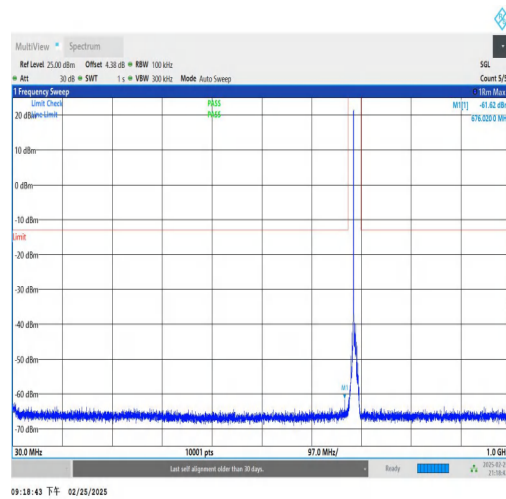
NTNV_N71_PC3_15_5_H_TID1_N/A_1000_3000_#1



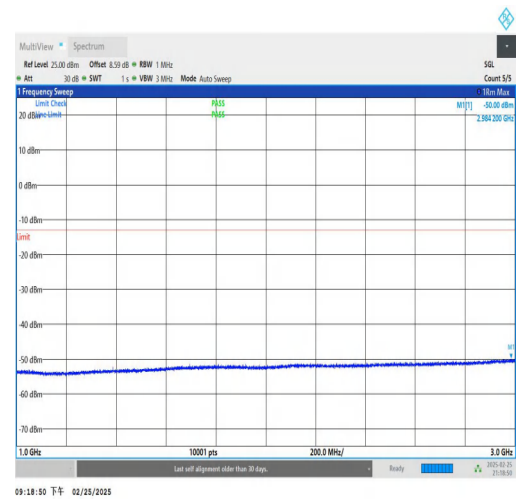
NTNV_N71_PC3_15_5_H_TID1_N/A_3000_12000_#1



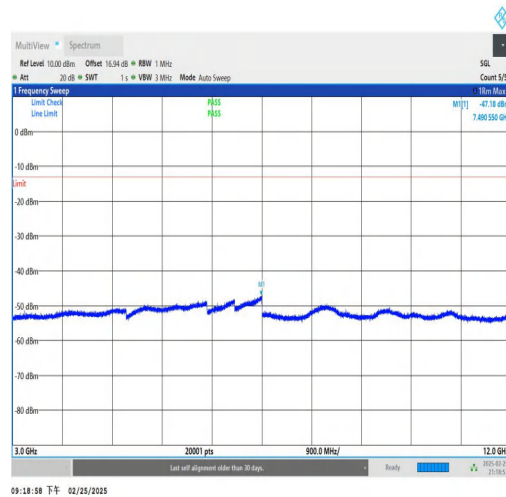
NTNV_N71_PC3_15_5_H_TID1_N/A_12000_20000_#1



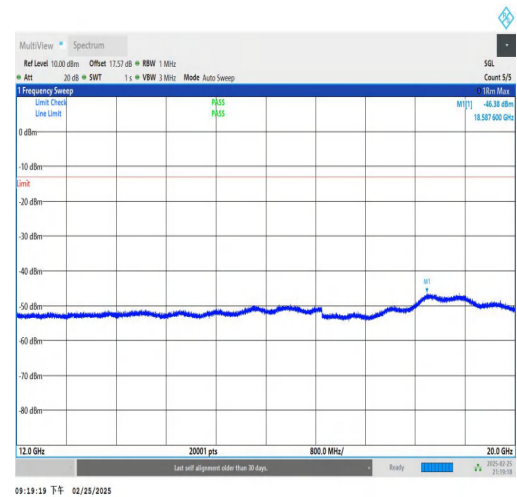
NTNV_N71_PC3_15_5_H_TID2_N/A_30_1000_#1



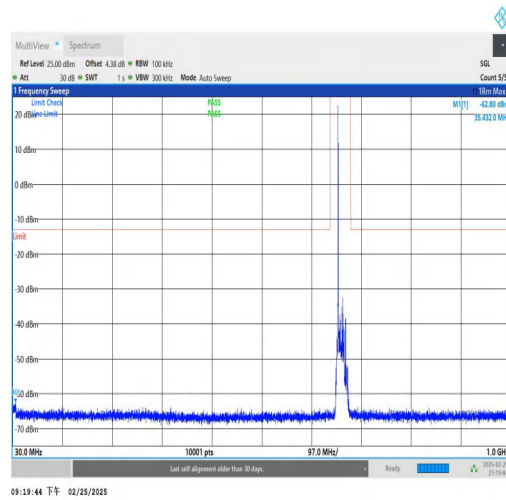
NTNV_N71_PC3_15_5_H_TID2_N/A_1000_3000_#1



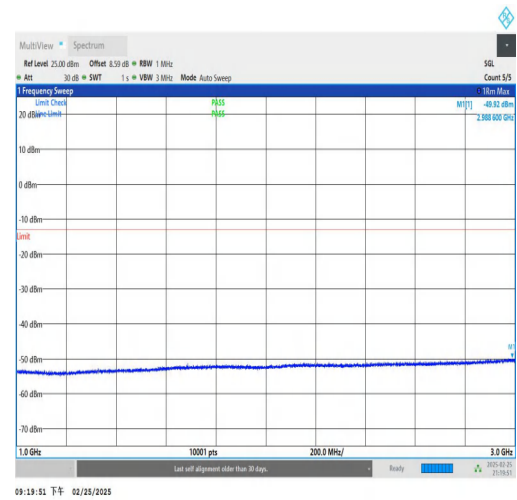
NTNV_N71_PC3_15_5_H_TID2_N/A_3000_12000_#1



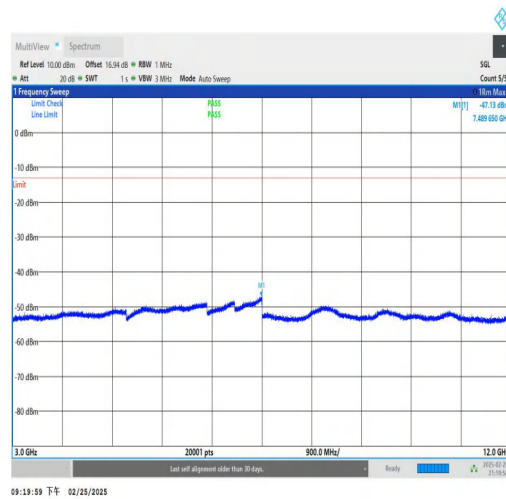
NTNV_N71_PC3_15_5_H_TID2_N/A_12000_20000_#1



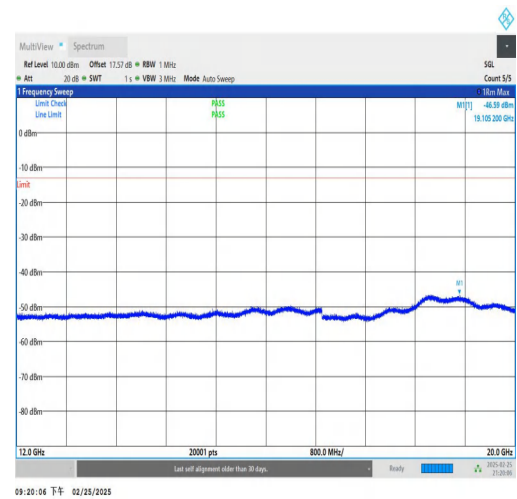
NTNV_N71_PC3_15_10_L_TID1_N/A_30_1000_#1



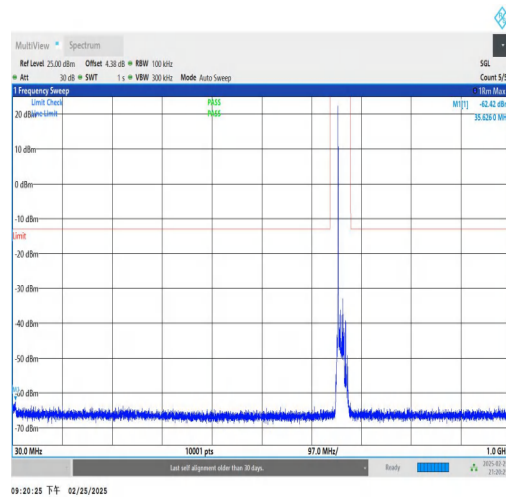
NTNV_N71_PC3_15_10_L_TID1_N/A_1000_3000_#1



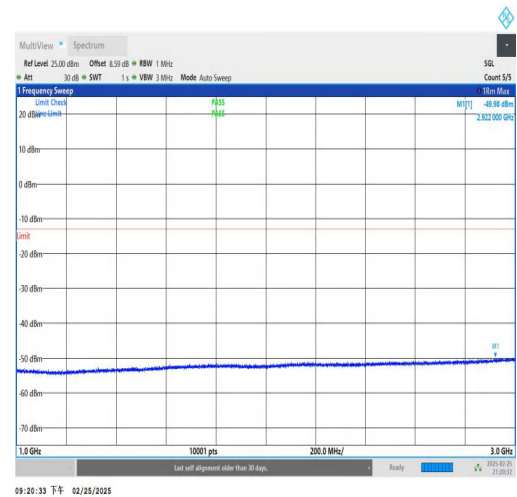
NTNV_N71_PC3_15_10_L_TID1_N/A_3000_12000_#1



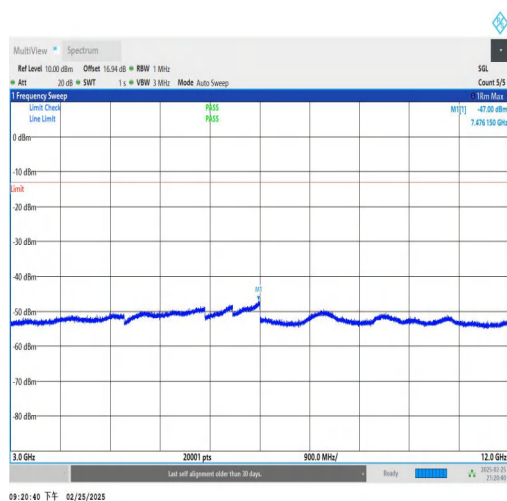
NTNV_N71_PC3_15_10_L_TID1_N/A_12000_20000_#1



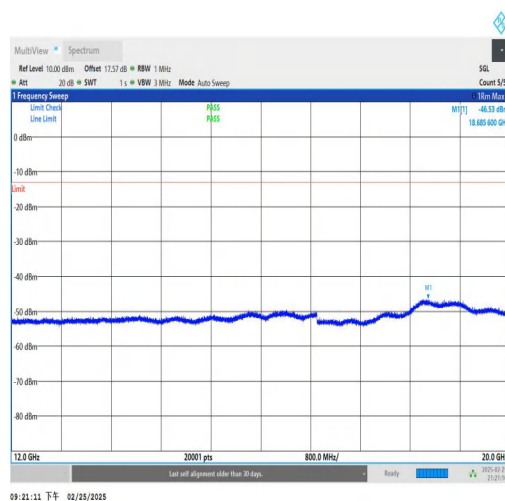
NTNV_N71_PC3_15_10_L_TID2_N/A_30_1000_#1



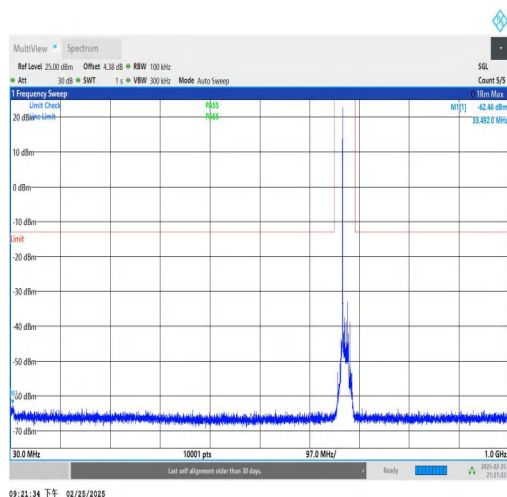
NTNV_N71_PC3_15_10_L_TID2_N/A_1000_3000_#1



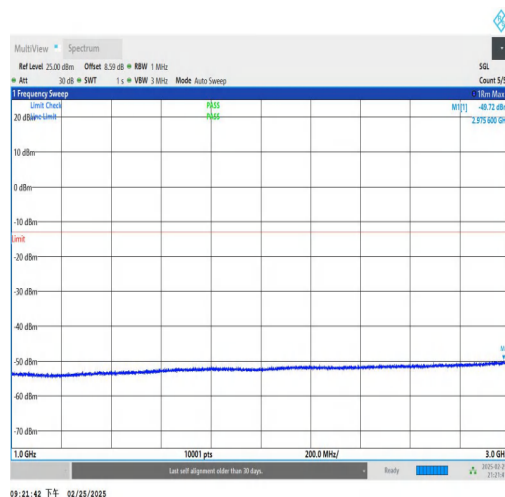
NTNV_N71_PC3_15_10_L_TID2_N/A_3000_12000_#1



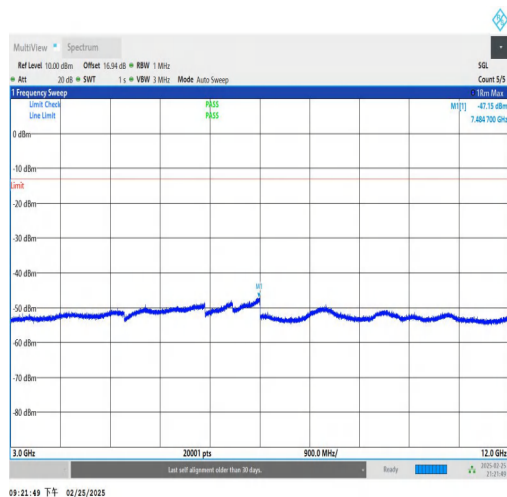
NTNV_N71_PC3_15_10_L_TID2_N/A_12000_20000_#1



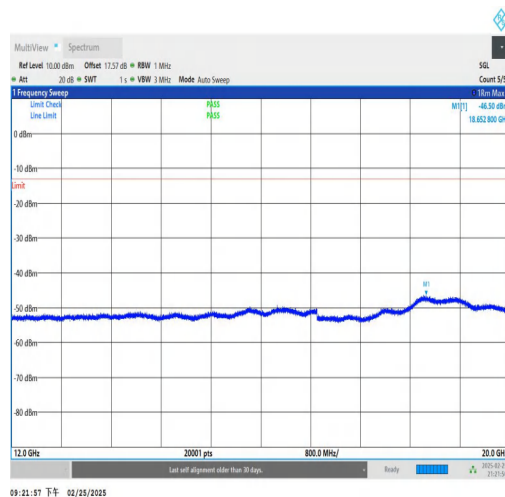
NTNV_N71_PC3_15_10_M_TID1_N/A_30_1000_#1



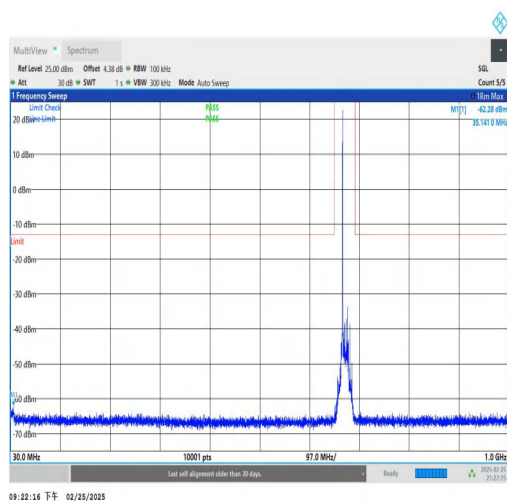
NTNV_N71_PC3_15_10_M_TID1_N/A_1000_3000_#1



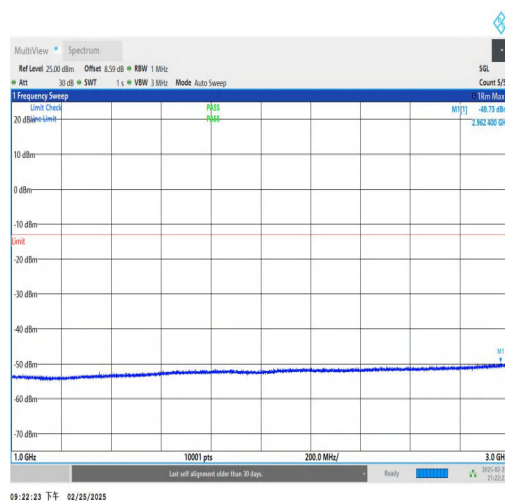
NTNV_N71_PC3_15_10_M_TID1_N/A_3000_12000_#1



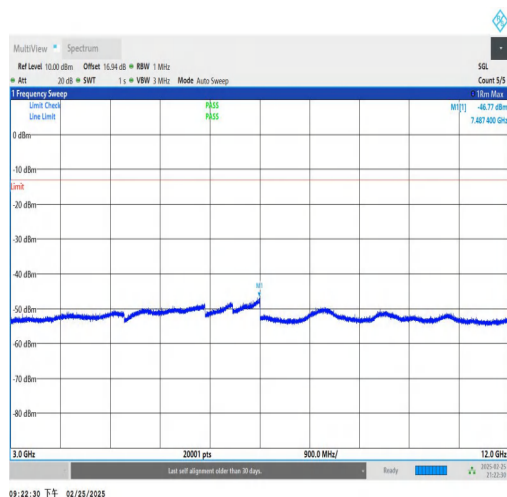
NTNV_N71_PC3_15_10_M_TID1_N/A_12000_20000_#1



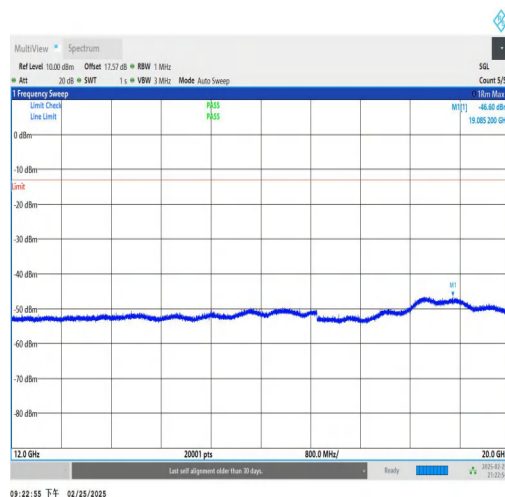
NTNV_N71_PC3_15_10_M_TID2_N/A_30_1000_#1



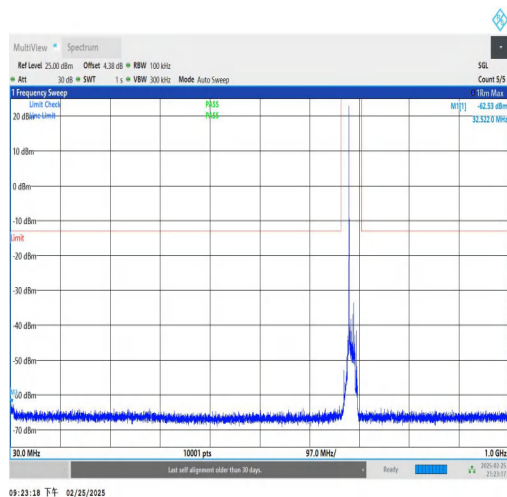
NTNV_N71_PC3_15_10_M_TID2_N/A_1000_3000_#1



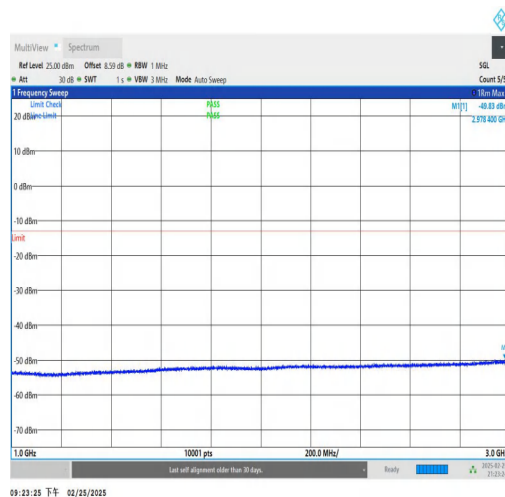
NTNV N71 PC3 15 10 M TID2 N/A 3000 12000 #1



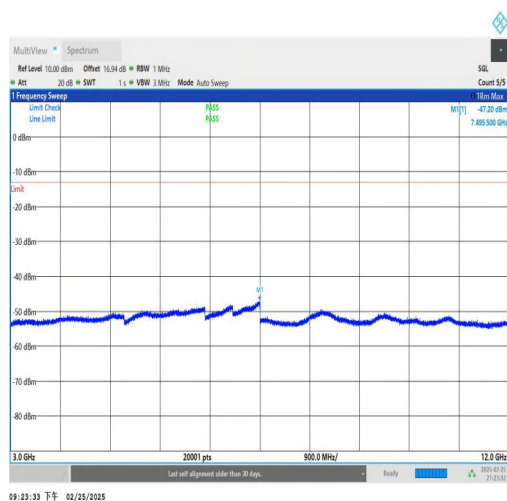
NTNV N71 PC3 15 10 M TID2 N/A 12000 20000 #1



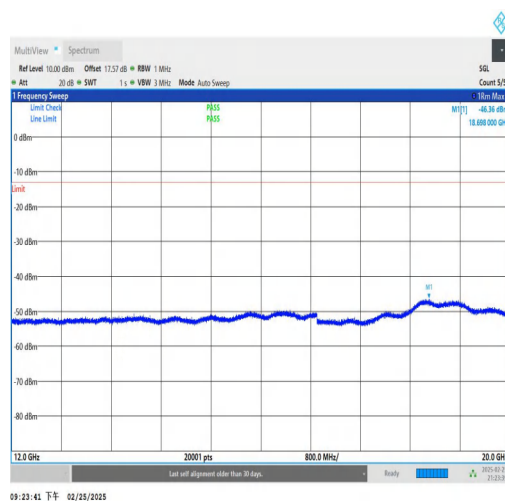
NTNV_N71_PC3_15_10_H_TID1_N/A_30_1000_#1



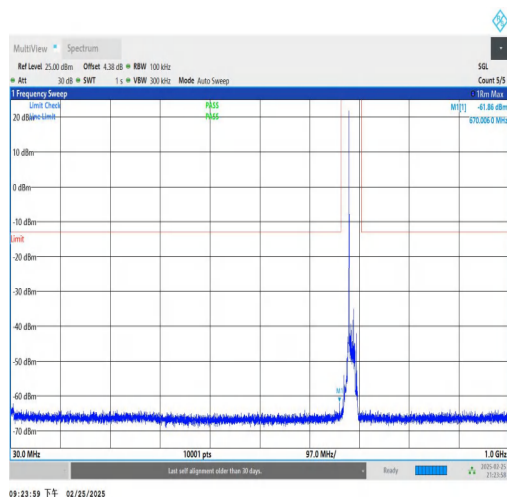
NTNV_N71_PC3_15_10_H_TID1_N/A_1000_3000_#1



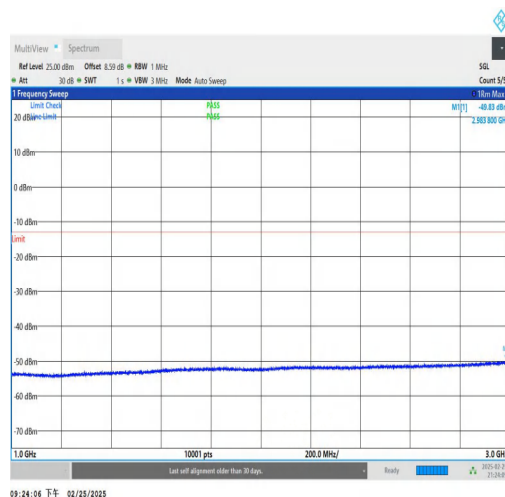
NTNV_N71_PC3_15_10_H_TID1_N/A_3000_12000_#1



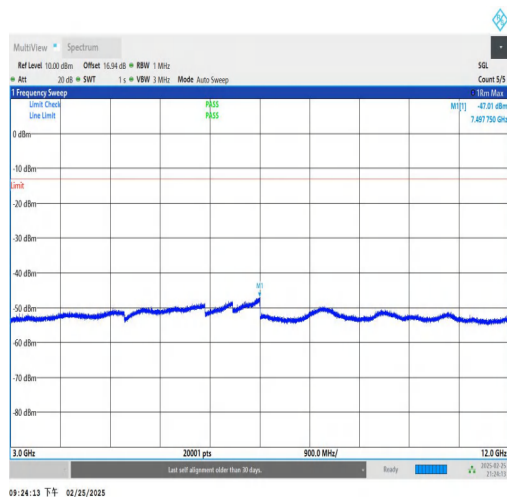
NTNV_N71_PC3_15_10_H_TID1_N/A_12000_20000_#1



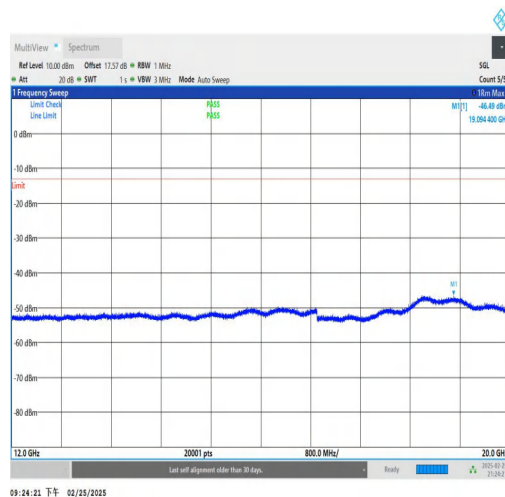
NTNV_N71_PC3_15_10_H_TID2_N/A_30_1000_#1



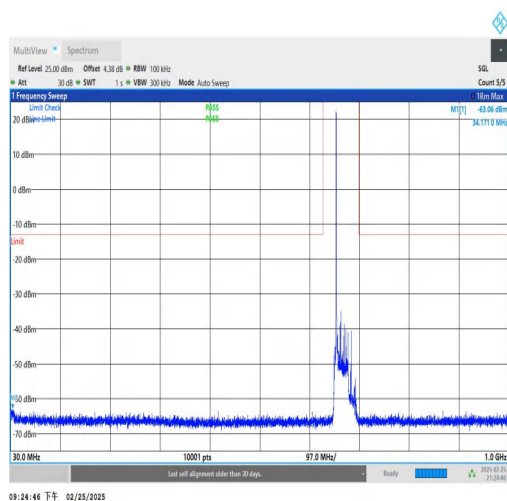
NTNV_N71_PC3_15_10_H_TID2_N/A_1000_3000_#1



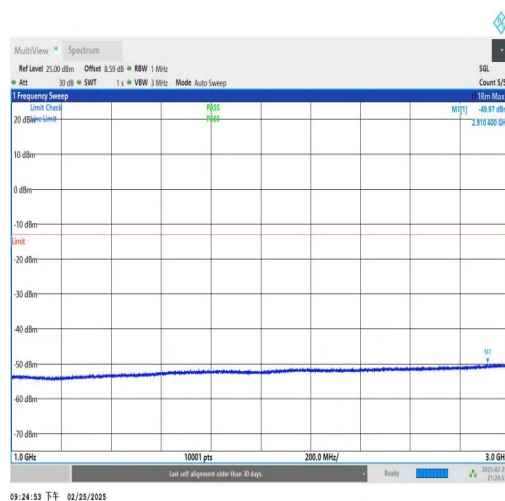
NTNV_N71_PC3_15_10_H_TID2_N/A_3000_12000_#1



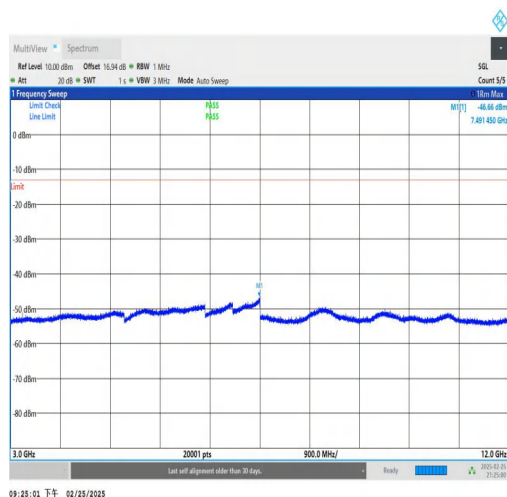
NTNV_N71_PC3_15_10_H_TID2_N/A_12000_20000_#1



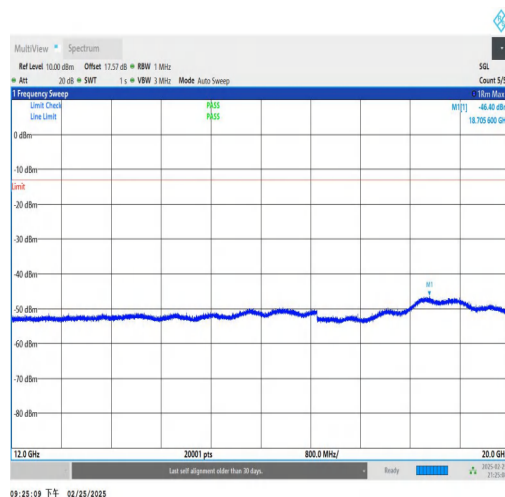
NTNV_N71_PC3_15_20_L_TID1_N/A_30_1000_#1



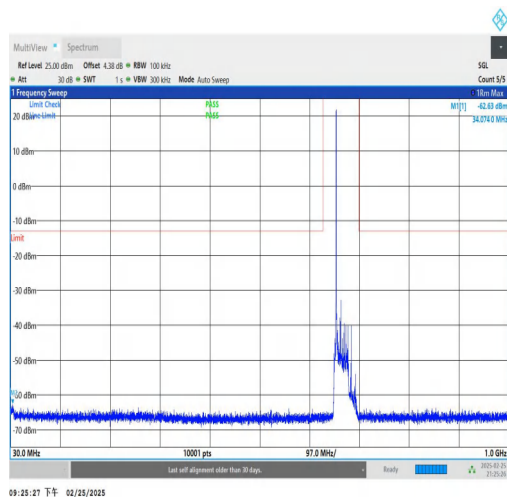
NTNV_N71_PC3_15_20_L_TID1_N/A_1000_3000_#1



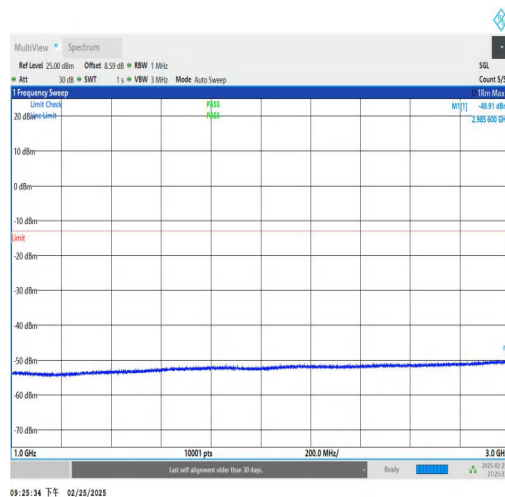
NTNV_N71_PC3_15_20_L_TID1_N/A_3000_12000_#1



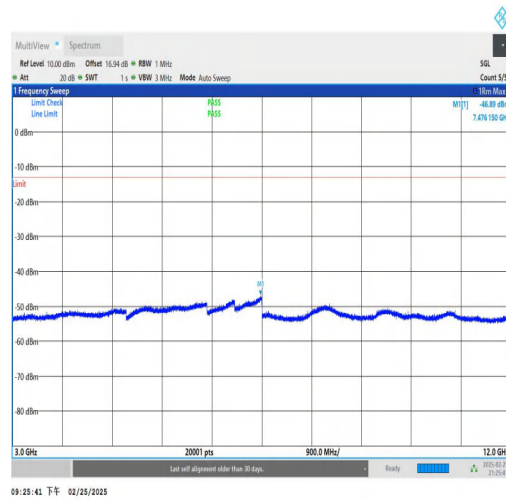
NTNV_N71_PC3_15_20_L_TID1_N/A_12000_20000_#1



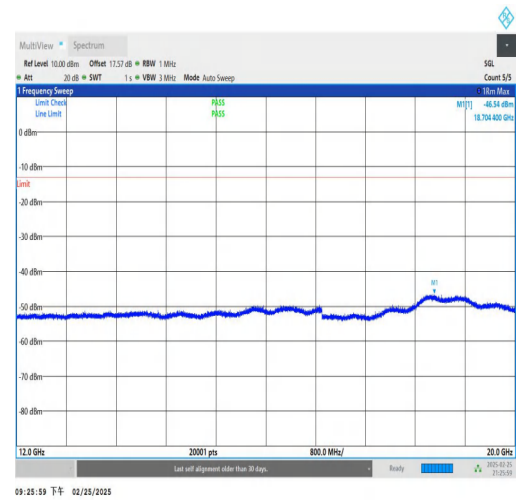
NTNV_N71_PC3_15_20_L_TID2_N/A_30_1000_#1



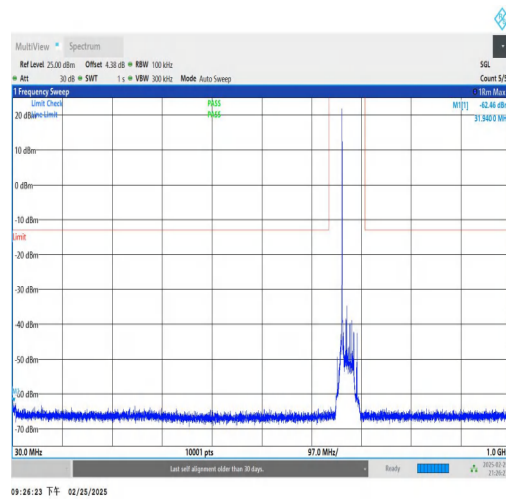
NTNV_N71_PC3_15_20_L_TID2_N/A_1000_3000_#1



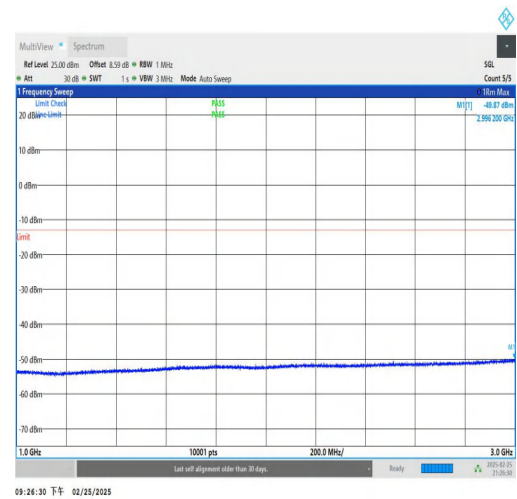
NTNV_N71_PC3_15_20_L_TID2_N/A_3000_12000_#1



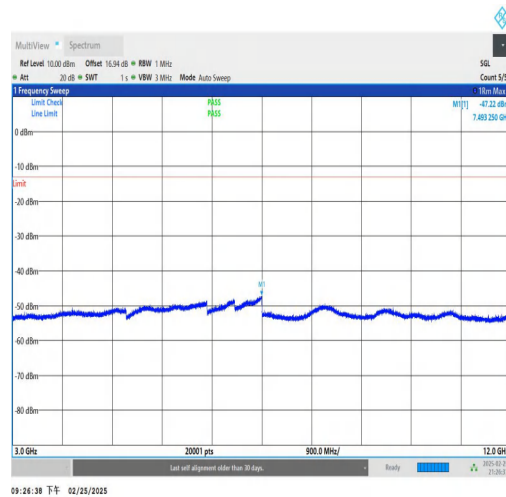
NTNV_N71_PC3_15_20_L_TID2_N/A_12000_20000_#1



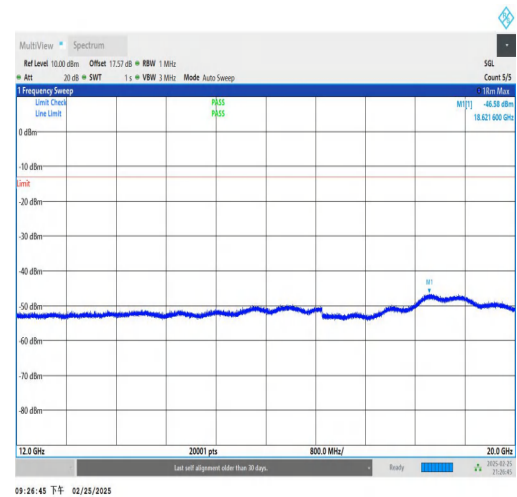
NTNV_N71_PC3_15_20_M_TID1_N/A_30_1000_#1



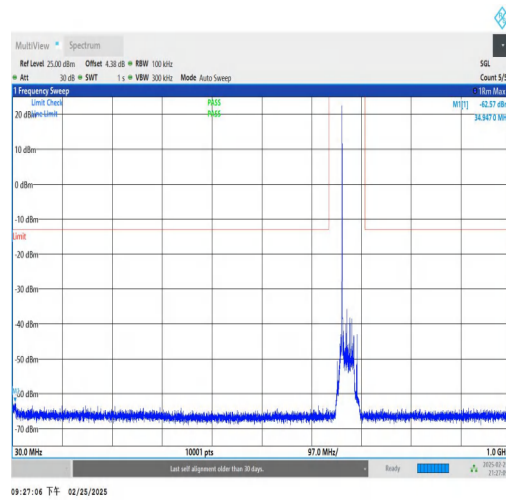
NTNV_N71_PC3_15_20_M_TID1_N/A_1000_3000_#1



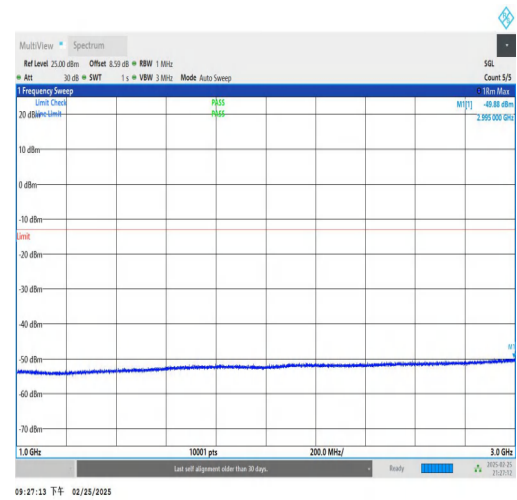
NTNV_N71_PC3_15_20_M_TID1_N/A_3000_12000_#1



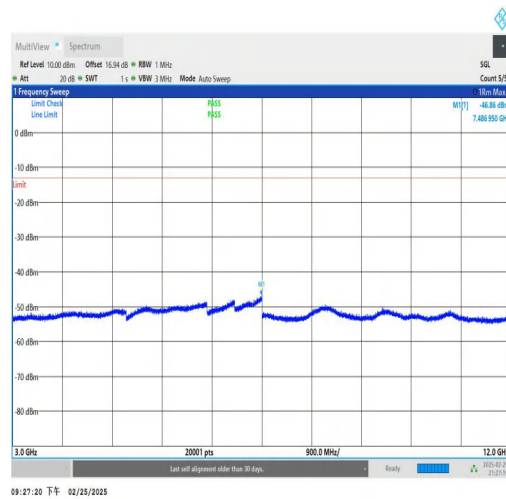
NTNV_N71_PC3_15_20_M_TID1_N/A_12000_20000_#1



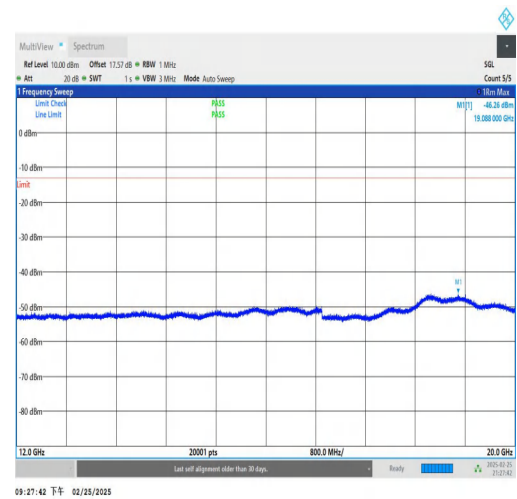
NTNV_N71_PC3_15_20_M_TID2_N/A_30_1000_#1



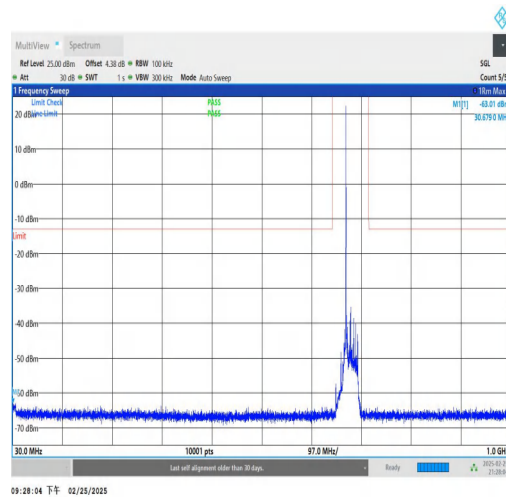
NTNV_N71_PC3_15_20_M_TID2_N/A_1000_3000_#1



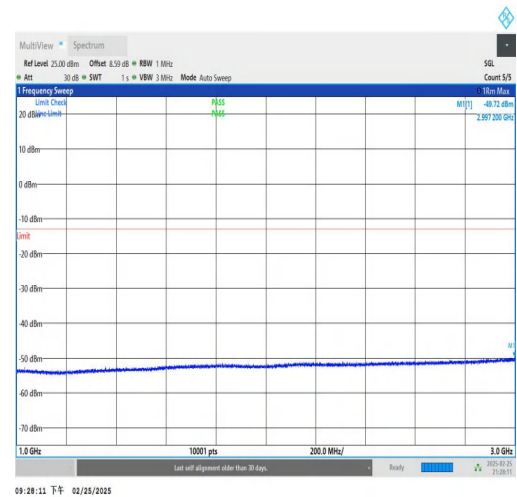
NTNV_N71_PC3_15_20_M_TID2_N/A_3000_12000_#1



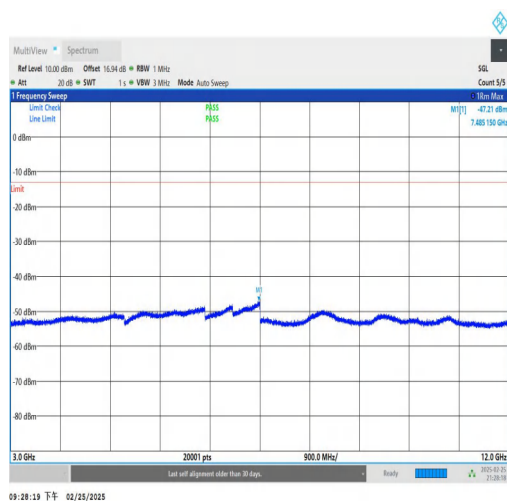
NTNV_N71_PC3_15_20_M_TID2_N/A_12000_20000_#1



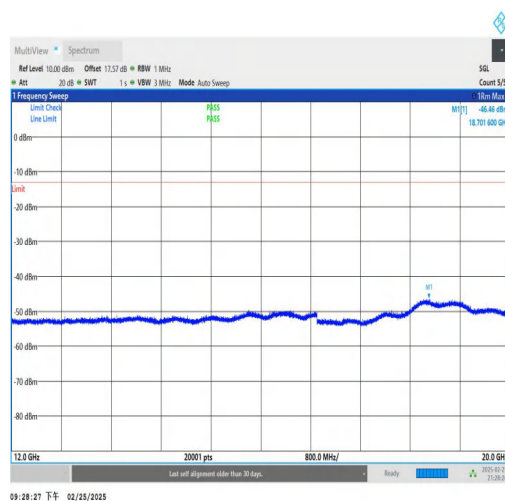
NTNV_N71_PC3_15_20_H_TID1_N/A_30_1000_#1



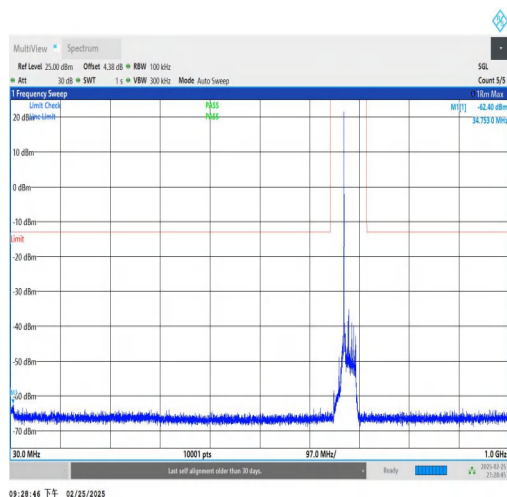
NTNV_N71_PC3_15_20_H_TID1_N/A_1000_3000_#1



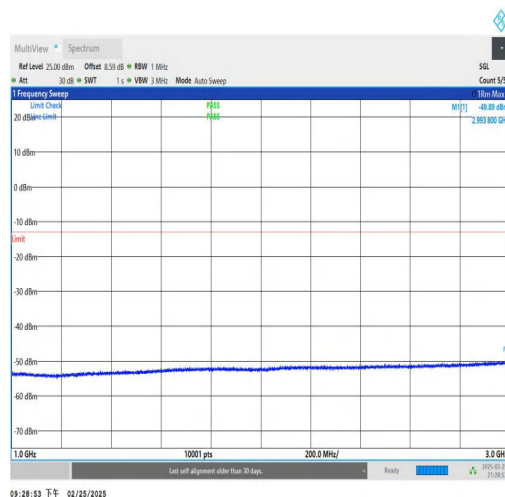
NTNV_N71_PC3_15_20_H_TID1_N/A_3000_12000_#1



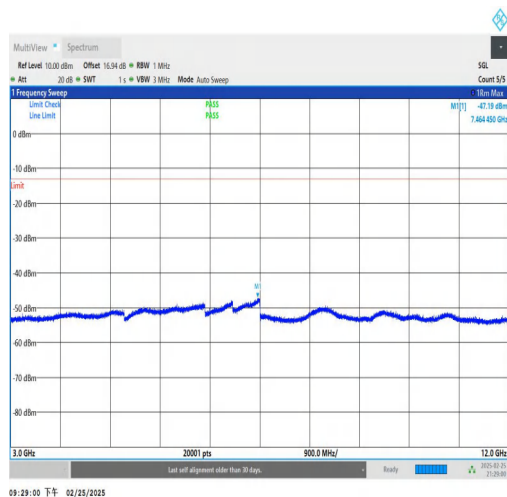
NTNV_N71_PC3_15_20_H_TID1_N/A_12000_20000_#1



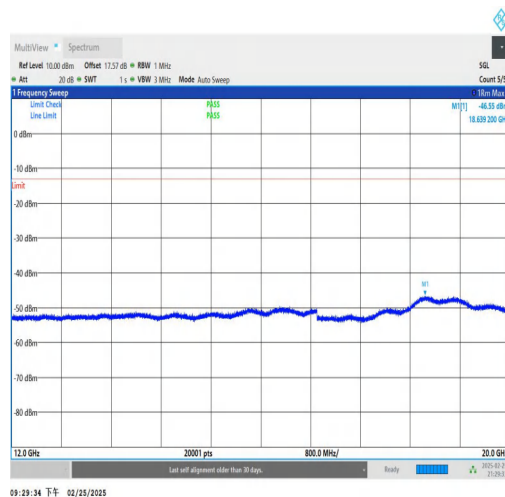
NTNV_N71_PC3_15_20_H_TID2_N/A_30_1000_#1



NTNV_N71_PC3_15_20_H_TID2_N/A_1000_3000_#1



NTNV_N71_PC3_15_20_H_TID2_N/A_3000_12000_#1



NTNV_N71_PC3_15_20_H_TID2_N/A_12000_20000_#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
N71	15	20	DFT-PI2BPSK	L	Outer_Full	VN	NT	13.00	0.02	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	VL	NT	19.00	0.03	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	VH	NT	8.00	0.01	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	7.00	0.01	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	13.00	0.02	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	19.00	0.03	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	11.00	0.02	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	17.00	0.02	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	4.00	0.01	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	8.00	0.01	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	14.00	0.02	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	19.00	0.03	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	VN	NT	8.00	0.01	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	VL	NT	13.00	0.02	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	VH	NT	19.00	0.03	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	10.00	0.01	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	16.00	0.02	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	2.00	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	-30	7.000000	0.010401	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	-20	13.000000	0.019316	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	-10	19.000000	0.028232	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	0	6.000000	0.008915	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	10	11.000000	0.016345	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	20	17.000000	0.025260	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	30	4.000000	0.005944	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	40	10.000000	0.014859	PASS



N71	15	20	DFT-PI2BPSK	L	Outer_Full	NV	50	15.000000	0.022288	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	6.000000	0.008915	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	12.000000	0.017831	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	17.000000	0.025260	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	4.000000	0.005944	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	10.000000	0.014859	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	3.000000	0.004458	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	9.000000	0.013373	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	3.000000	0.004458	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	8.000000	0.011887	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	9.000000	0.013226	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	15.000000	0.022043	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	9.000000	0.013226	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	14.000000	0.020573	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	1.000000	0.001470	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	7.000000	0.010287	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	13.000000	0.019104	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	18.000000	0.026451	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	5.000000	0.007348	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	13.000000	0.019104	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	19.000000	0.027921	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	18.000000	0.026451	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	4.000000	0.005878	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	17.000000	0.024982	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	4.000000	0.005878	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	9.000000	0.013226	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	15.000000	0.022043	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	2.000000	0.002939	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	-30	3.000000	0.004360	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	-20	9.000000	0.013081	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	-10	14.000000	0.020349	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	0	4.000000	0.005814	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	10	7.000000	0.010174	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	20	13.000000	0.018895	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	30	18.000000	0.026163	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	40	12.000000	0.017442	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	NV	50	18.000000	0.026163	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	15.000000	0.021802	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	2.000000	0.002907	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	7.000000	0.010174	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	13.000000	0.018895	PASS



N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	12.000000	0.017442	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	6.000000	0.008721	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	11.000000	0.015988	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	17.000000	0.024709	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	4.000000	0.005814	PASS

-----END-----