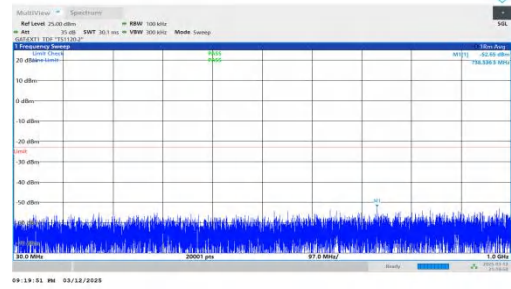
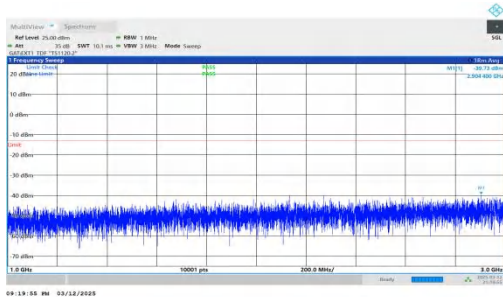
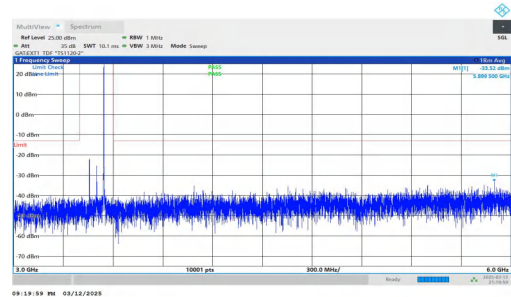
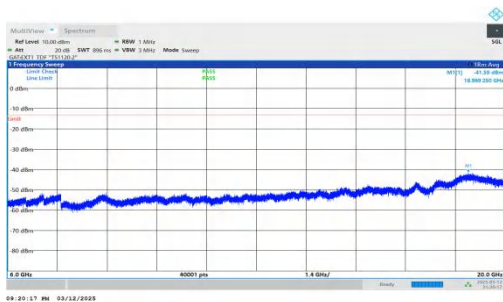
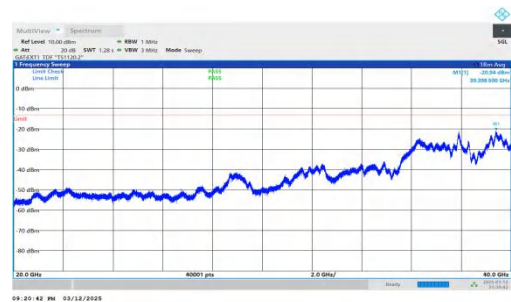
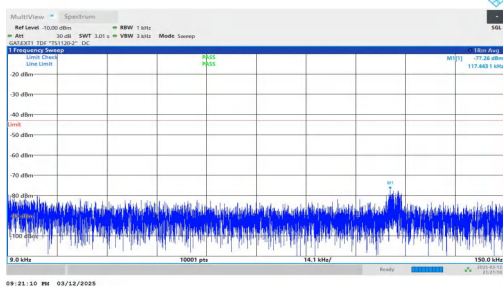
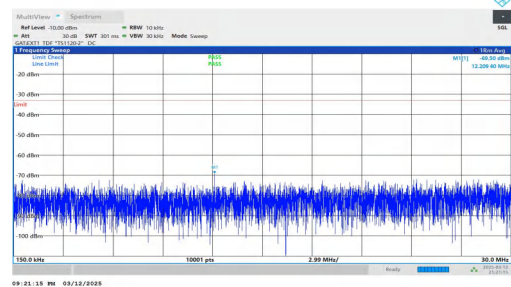
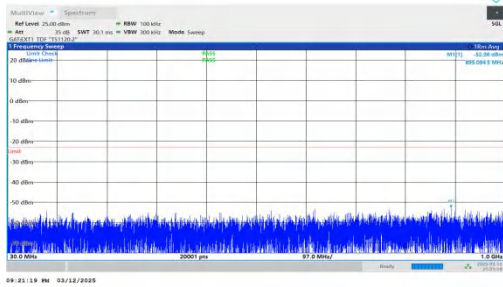
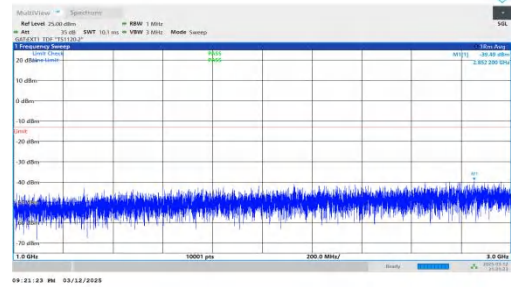
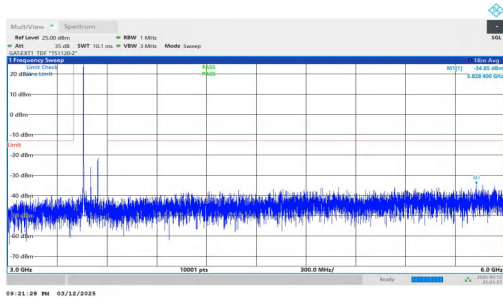
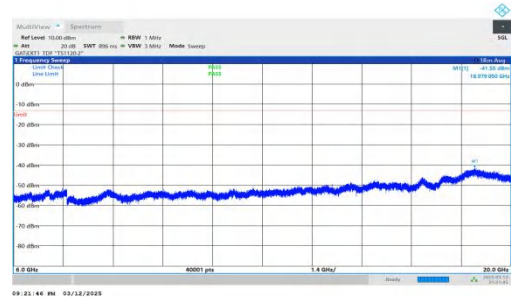
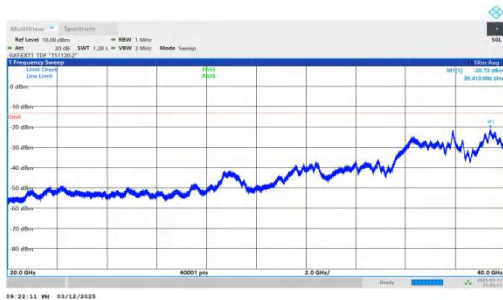
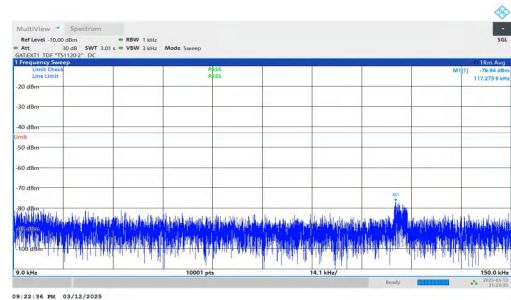
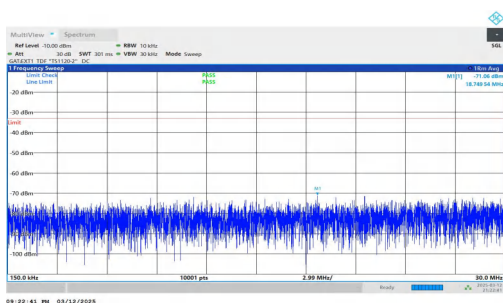
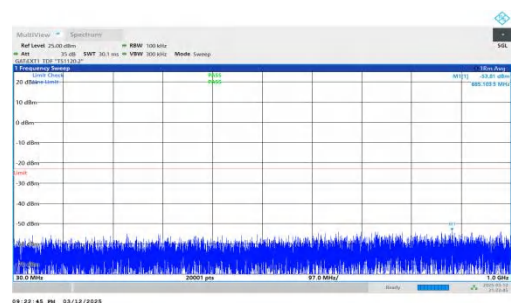
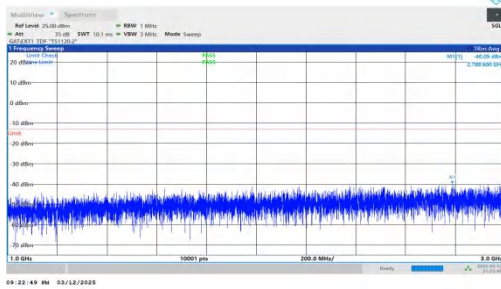
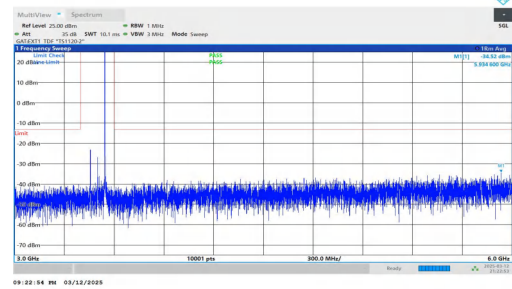

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Rig
ht-0.15-30-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Righ
t-30-1000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Rig
ht-1000-3000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Righ
t-3000-6000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Rig
ht-6000-20000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-BPSK-Inner_1RB_Righ
t-20000-40000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Lef
t-0.009-0.15-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-
0.15-30-PASS

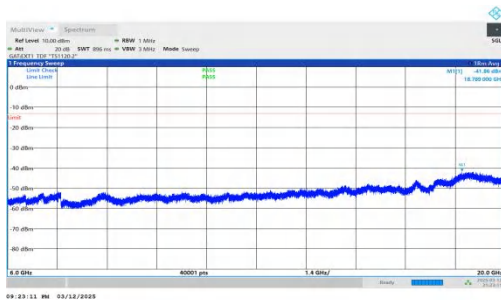

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Lef
t-30-1000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-
1000-3000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Lef
t-3000-6000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Left-
6000-20000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Lef
t-20000-40000-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right
t-0.009-0.15-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Rig
ht-0.15-30-PASS

NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Right
t-30-1000-PASS



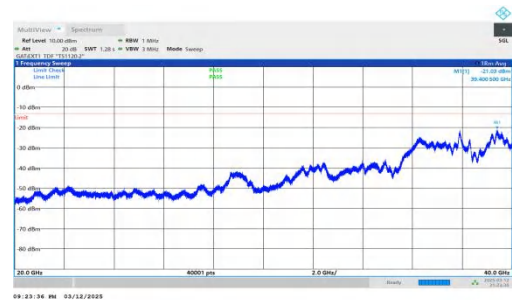
NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Rig
ht-1000-3000-PASS



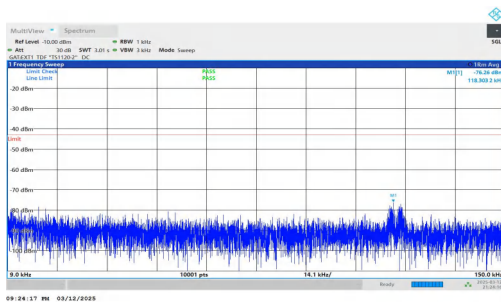
NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Righ
t-3000-6000-PASS



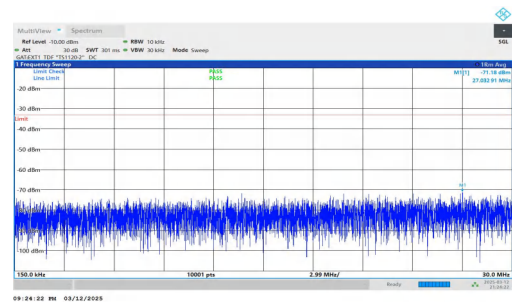
NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Rig
ht-6000-20000-PASS



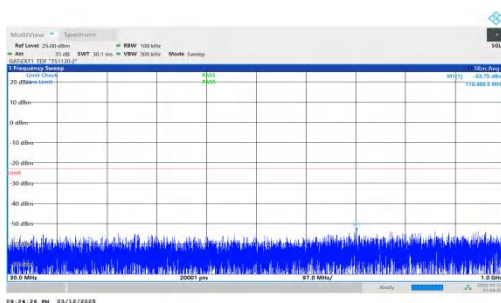
NTNV-n78(3450-3550)-PC2-30-90-M-DFT-QPSK-Inner_1RB_Righ
t-20000-40000-PASS



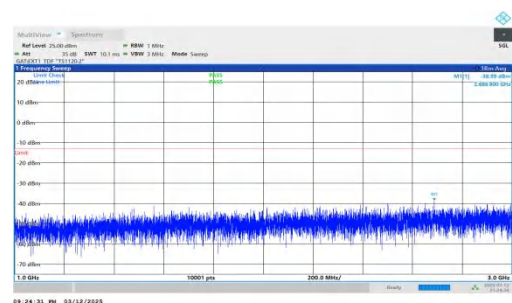
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left
-0.009-0.15-PASS



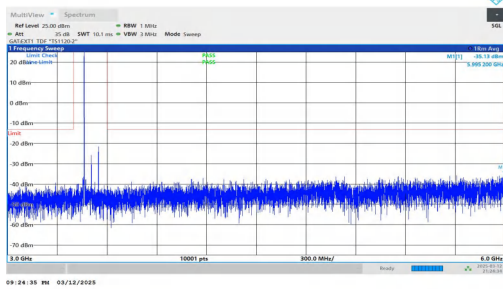
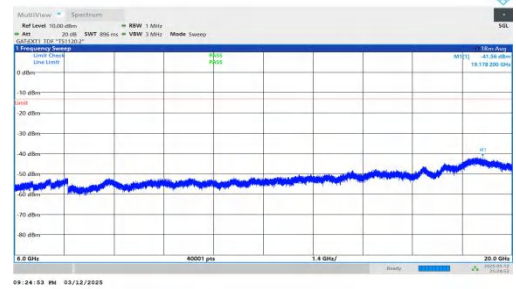
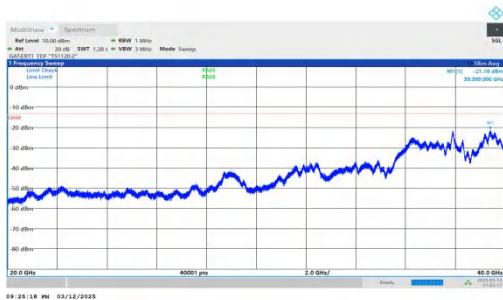
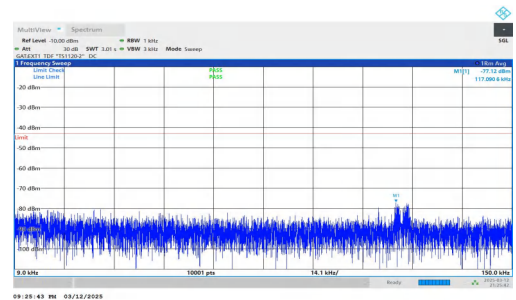
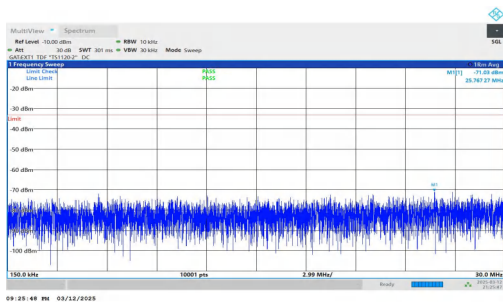
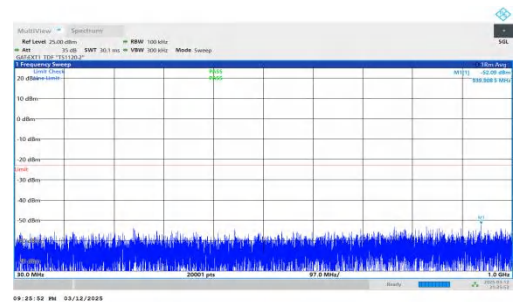
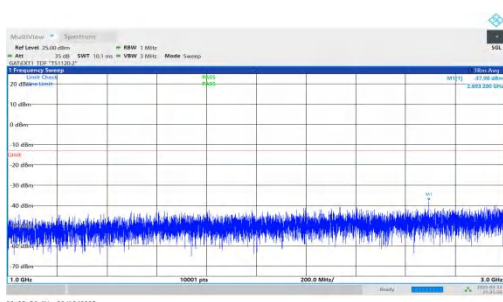
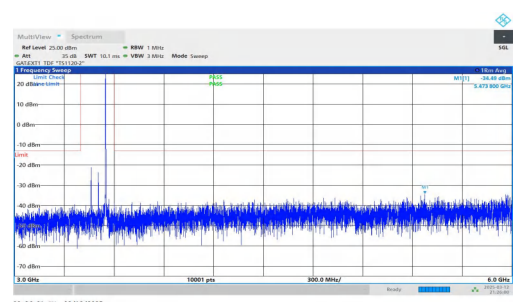
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-
0.15-30-PASS

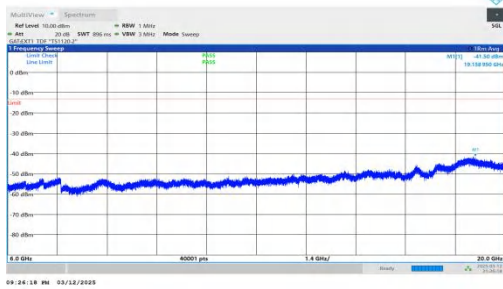


NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left
-30-1000-PASS

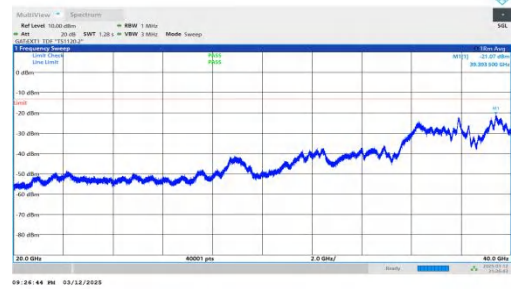


NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-
1000-3000-PASS

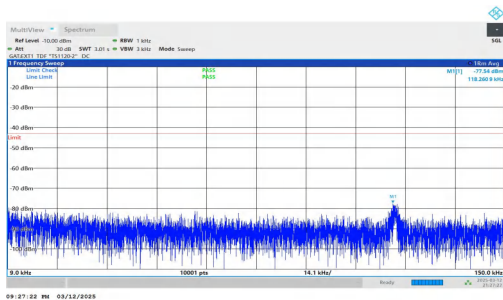

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left
-3000-6000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left-
6000-20000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Left
-20000-40000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right
t-0.009-0.15-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Rig
ht-0.15-30-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right
t-30-1000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Rig
ht-1000-3000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Right
t-3000-6000-PASS



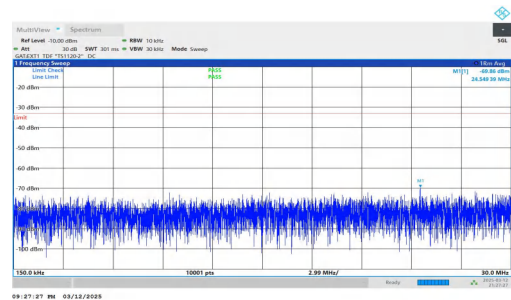
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Rig
ht-6000-20000-PASS



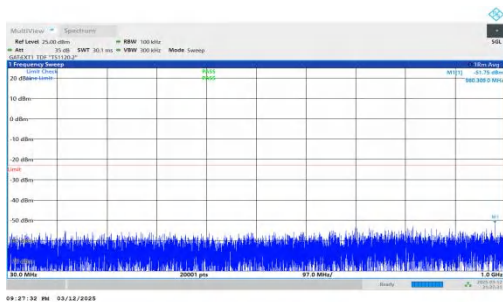
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-BPSK-Inner_1RB_Righ
t-20000-40000-PASS



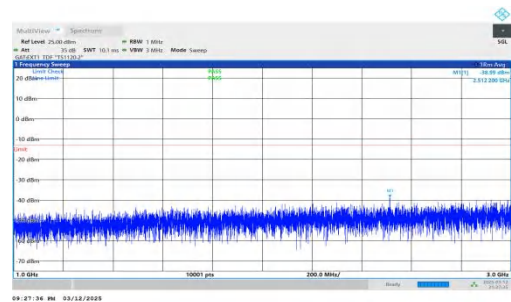
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left
-0.009-0.15-PASS



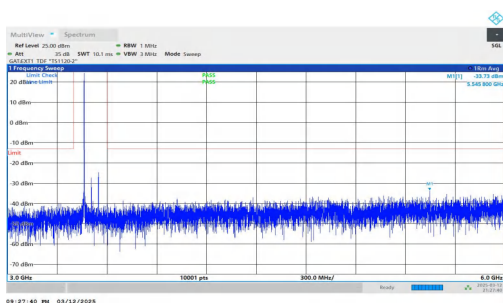
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-
0.15-30-PASS



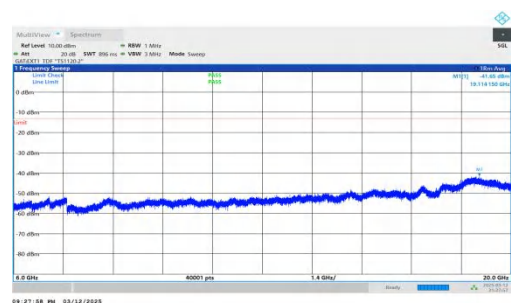
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left
-30-1000-PASS



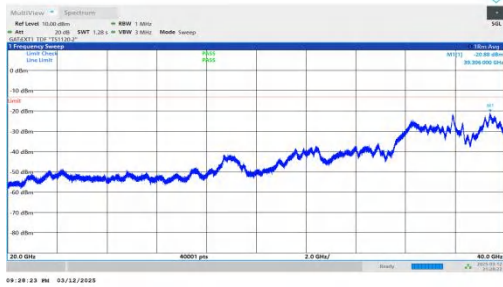
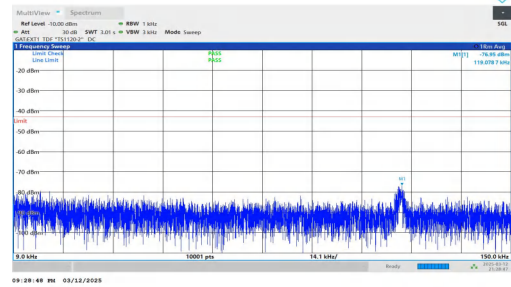
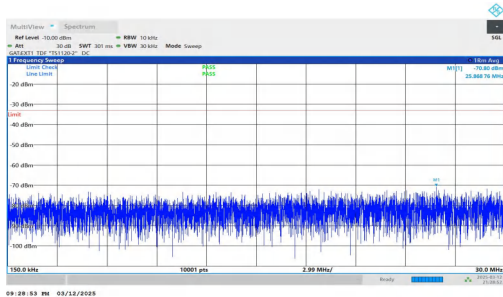
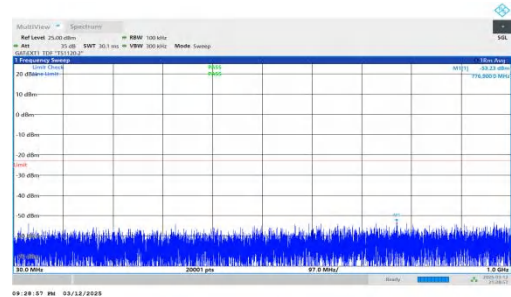
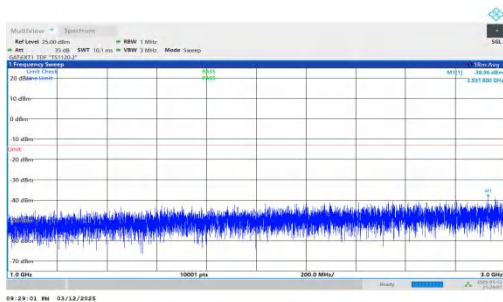
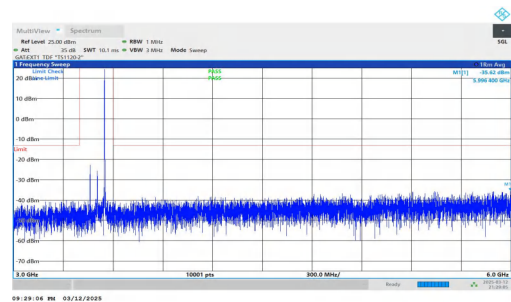
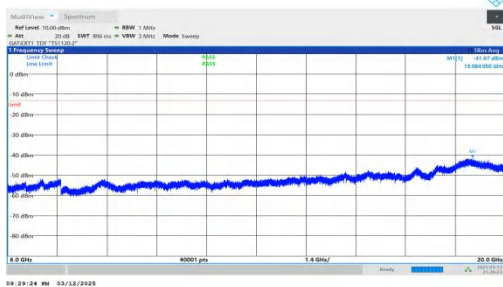
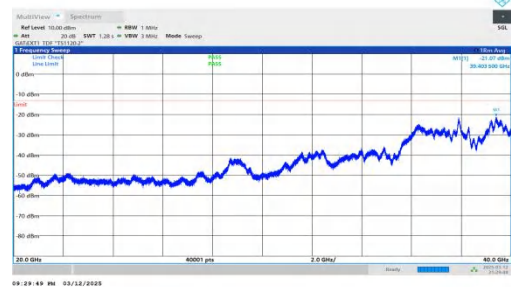
NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-
1000-3000-PASS

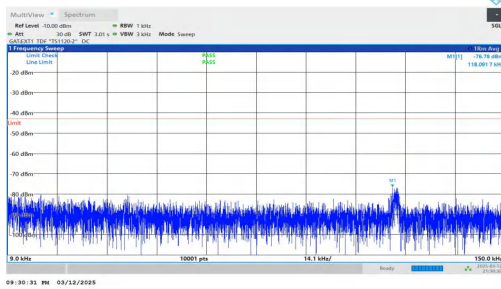


NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left
-3000-6000-PASS

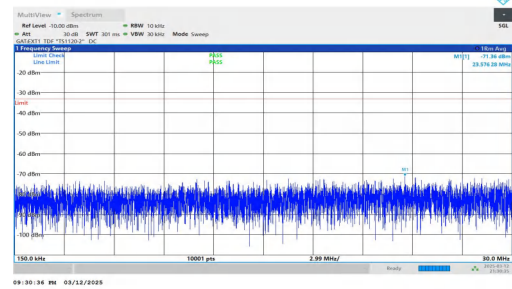


NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left-
6000-20000-PASS

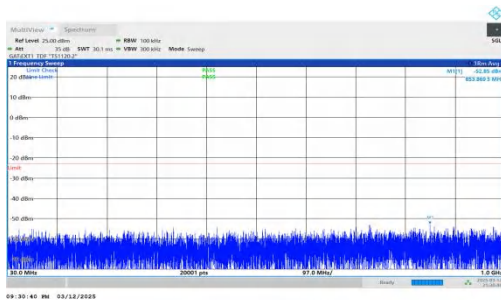

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Left
-20000-40000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
t.009-0.15-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
ht-0.15-30-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
t-30-1000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
ht-1000-3000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
t-3000-6000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
ht-6000-20000-PASS

NTNV-n78(3450-3550)-PC2-30-90-H-DFT-QPSK-Inner_1RB_Right
t-20000-40000-PASS



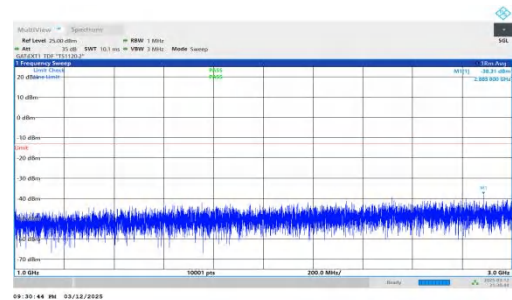
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Lef
t-0.009-0.15-PASS



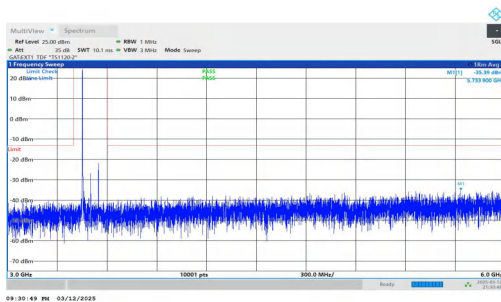
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left
-0.15-30-PASS



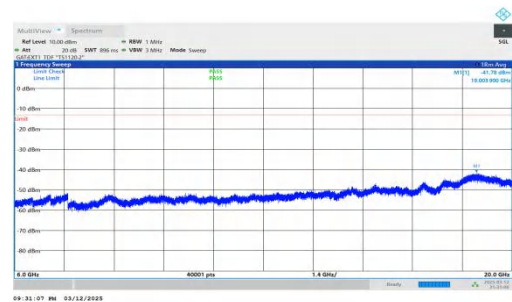
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Lef
t-30-1000-PASS



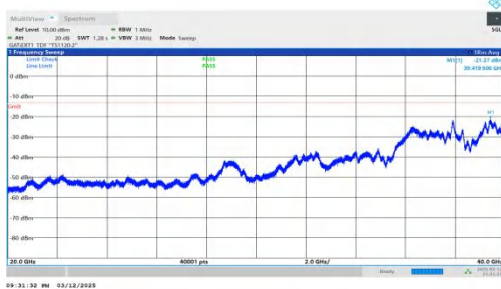
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left
-1000-3000-PASS



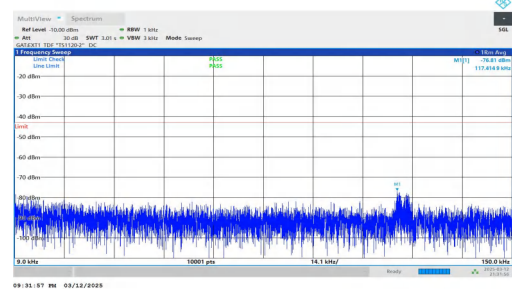
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Lef
t-3000-6000-PASS



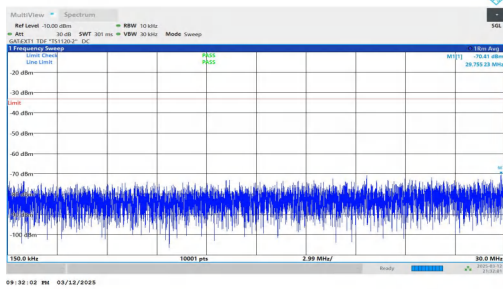
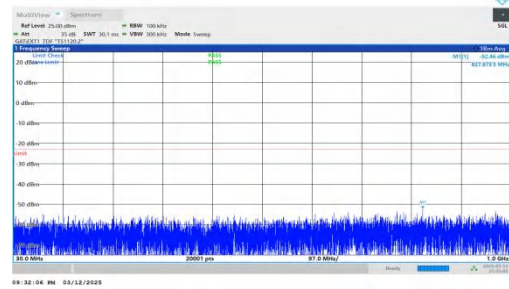
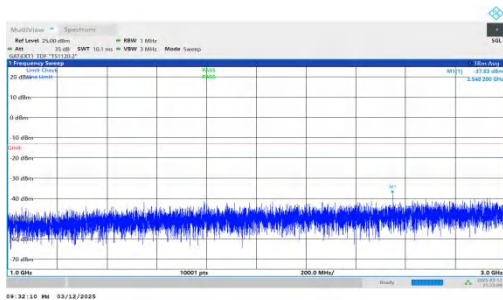
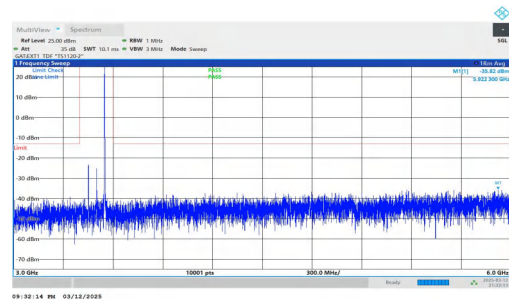
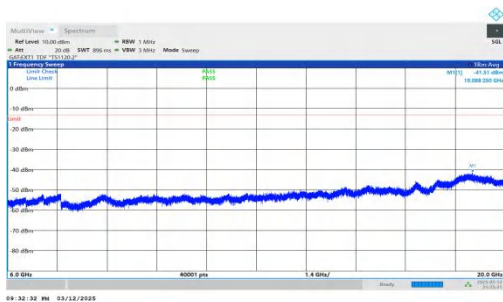
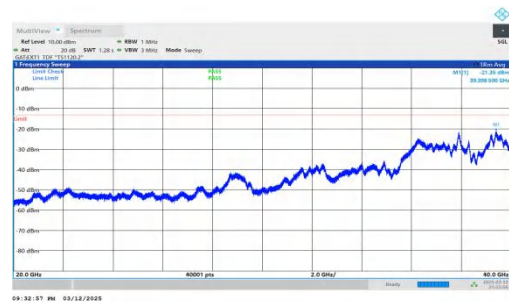
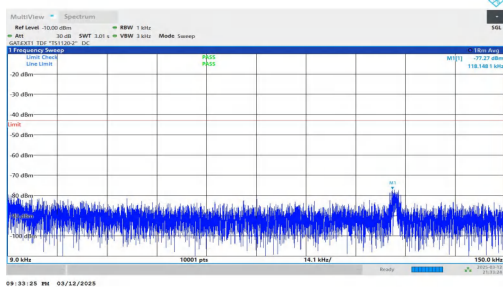
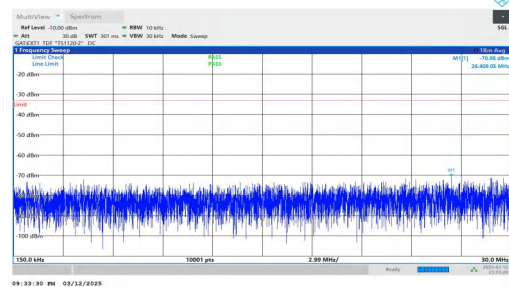
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Left
-6000-20000-PASS

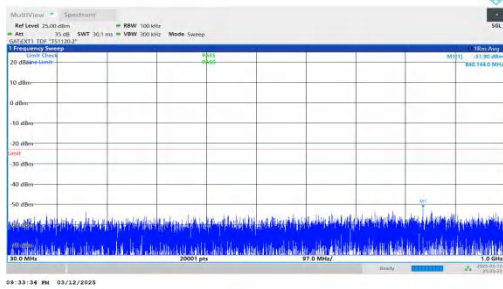
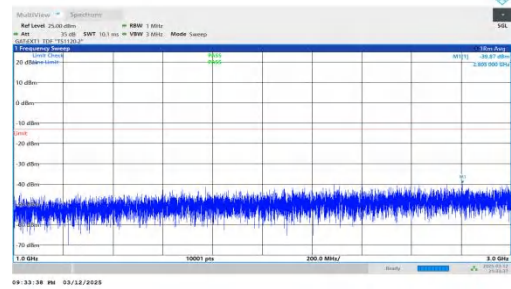
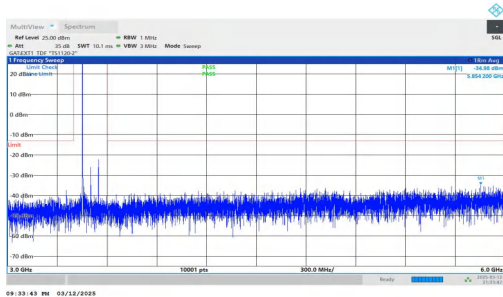
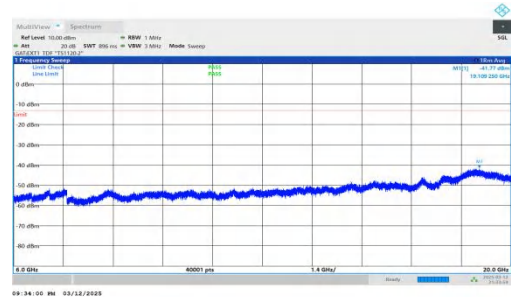
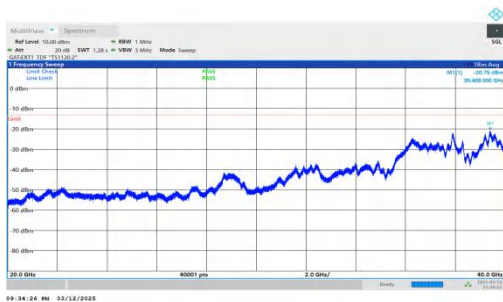
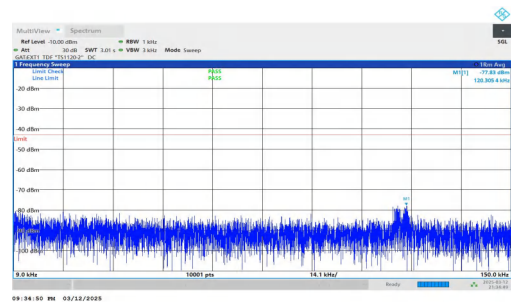
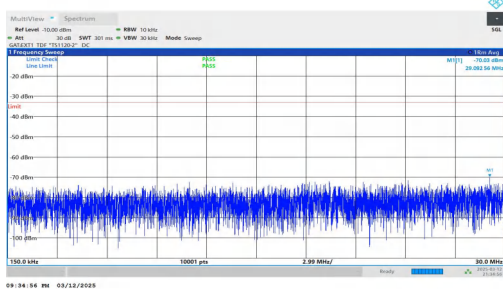
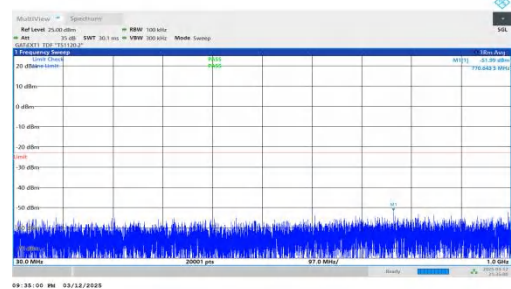


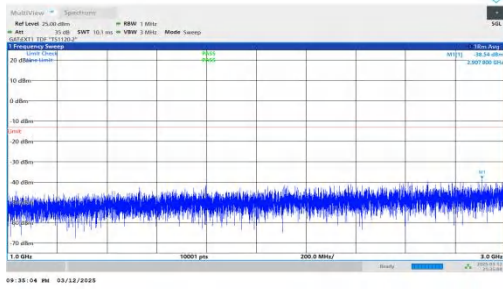
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Lef
t-20000-40000-PASS



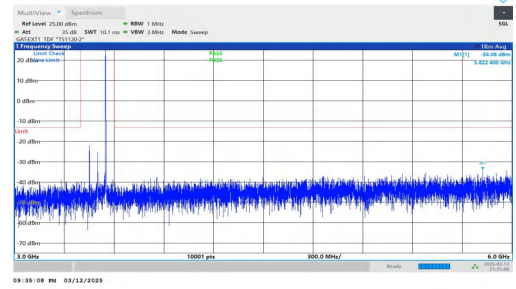
NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Rig
ht-0.009-0.15-PASS


NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Ri
ght-0.15-30-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Rig
ht-30-1000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Ri
ght-1000-3000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Rig
ht-3000-6000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Ri
ght-6000-20000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-BPSK-Inner_1RB_Rig
ht-20000-40000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Le
ft-0.009-0.15-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left
-0.15-30-PASS

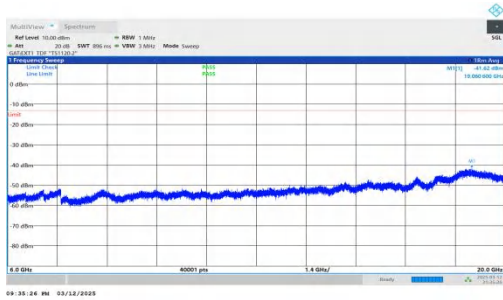

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Le
ft-30-1000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left
-1000-3000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Le
ft-3000-6000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Left
-6000-20000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Le
ft-20000-40000-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Rig
ht-0.009-0.15-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Ri
ght-0.15-30-PASS

NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Rig
ht-30-1000-PASS



NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Ri
ght-1000-3000-PASS



NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Rig
ht-3000-6000-PASS



NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Ri
ght-6000-20000-PASS



NTNV-n78(3450-3550)-PC2-30-100-L-DFT-QPSK-Inner_1RB_Rig
ht-20000-40000-PASS

Frequency Stability for SA

Test Result

Voltage														
Band	SC S	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	FL(MHz)	FH(MHz)	Limit(MHz)	Verdict
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-1.2	-0.000343	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-6.8	-0.001943	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-7.4	-0.002114	±2.5	---	---	---	PASS

Temperature														
Band	SC S	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	FL(MHz)	FH(MHz)	Limit(MHz)	Verdict
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-13.5	-0.003857	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-10.2	-0.002914	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-11.6	-0.003314	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	0	-2.7	-0.000771	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	10	-6.1	-0.001743	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	20	3	0.000857	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	30	-6.7	-0.001914	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	40	1.6	0.000457	±2.5	---	---	---	PASS
n78(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	50	-2.5	-0.000714	±2.5	---	---	---	PASS