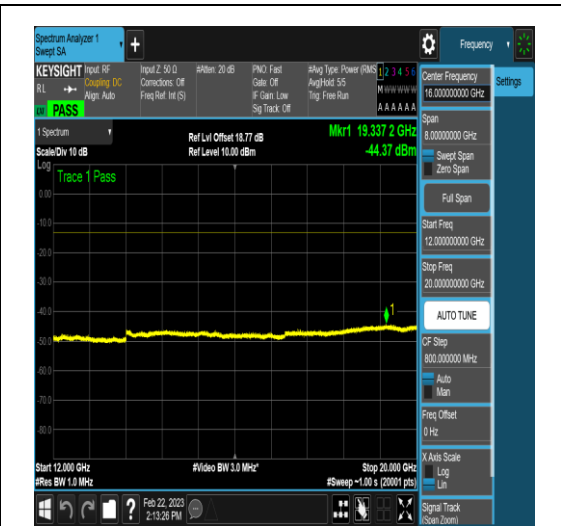
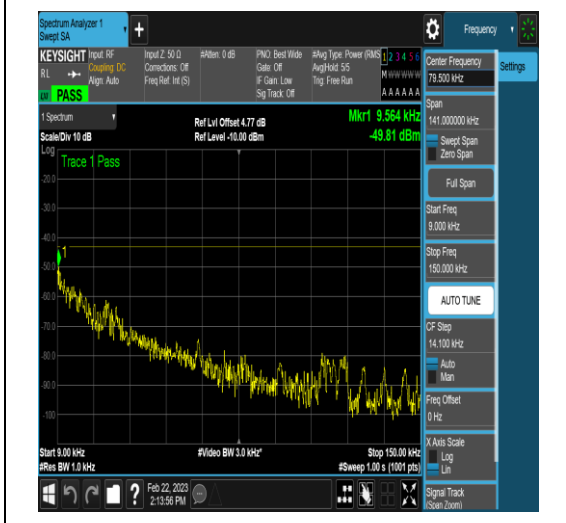


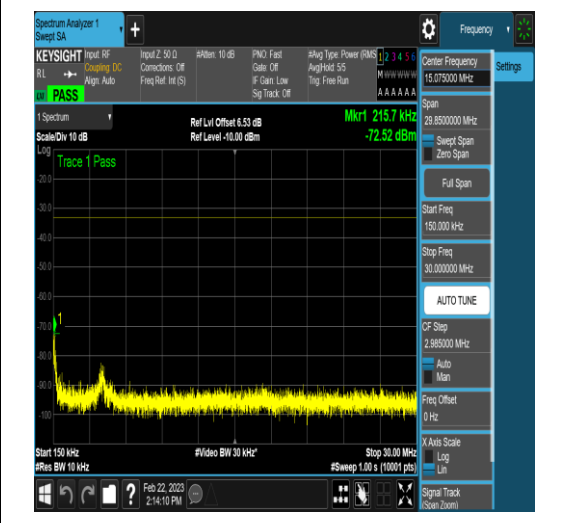
NTNV_N78-3650-3700_PC2_30_50_M_TID17_N/
A_3000_12000_#1



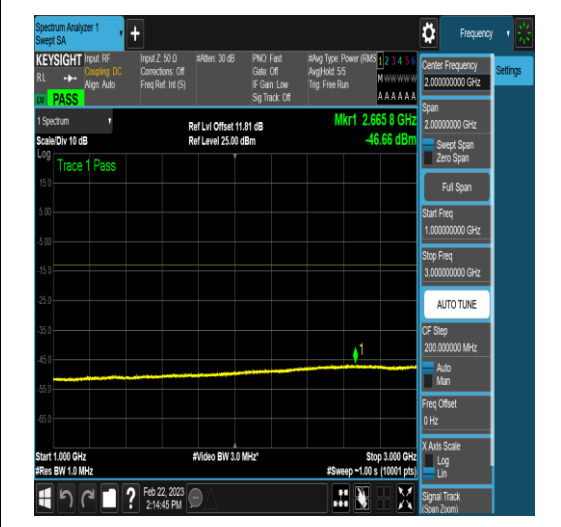
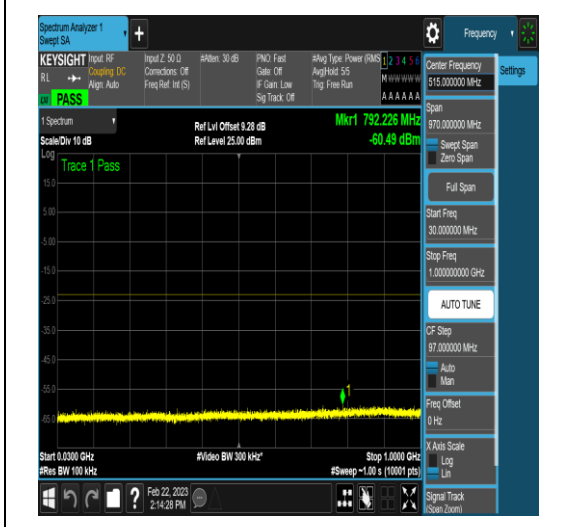
NTNV_N78-3650-3700_PC2_30_50_M_TID17_N/
A_12000_20000_#1

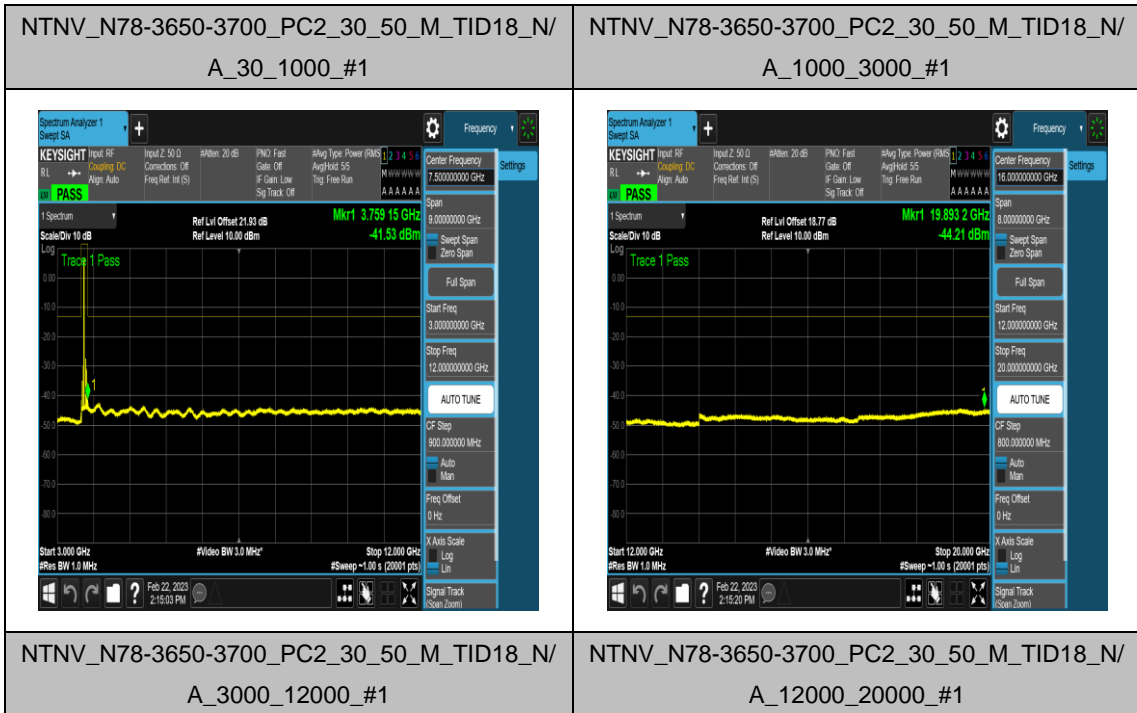


NTNV_N78-3650-3700_PC2_30_50_M_TID18_N/
A_0.009_0.15_#1



NTNV_N78-3650-3700_PC2_30_50_M_TID18_N/
A_0.15_30_#1





Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SC S	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3650-3700	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-1.51	0.00	PASS
N78-3650-3700	30	20	CP-QPSK	L	Outer_Full	VN	NT	-4.37	0.00	PASS
N78-3650-3700	30	20	DFT-QPSK	M	Outer_Full	VN	NT	4.41	0.00	PASS
N78-3650-3700	30	20	CP-QPSK	M	Outer_Full	VN	NT	-21.97	-0.01	PASS
N78-3650-3700	30	20	DFT-QPSK	H	Outer_Full	VN	NT	26.34	0.01	PASS
N78-3650-3700	30	20	CP-QPSK	H	Outer_Full	VN	NT	-14.55	0.00	PASS
N78-3650-3700	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-29.26	-0.01	PASS
N78-3650-3700	30	40	CP-QPSK	L	Outer_Full	VN	NT	8.79	0.00	PASS
N78-3650-3700	30	40	DFT-QPSK	M	Outer_Full	VN	NT	7.05	0.00	PASS
N78-3650-3700	30	40	CP-QPSK	M	Outer_Full	VN	NT	4.35	0.00	PASS
N78-3650-3700	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-13.38	0.00	PASS
N78-3650-3700	30	40	CP-QPSK	H	Outer_Full	VN	NT	0.52	0.00	PASS
N78-3650-3700	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-9.03	0.00	PASS
N78-3650-3700	30	50	CP-QPSK	M	Outer_Full	VN	NT	-14.01	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SC S	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3650-3700	30	20	DFT-QPSK	L	Outer_Full	NV	TN	-28.169390	-0.007697	PASS
N78-3650-3700	30	20	CP-QPSK	L	Outer_Full	NV	TN	-2.313636	-0.000632	PASS
N78-3650-3700	30	20	DFT-QPSK	M	Outer_Full	NV	TN	0.190131	0.000052	PASS
N78-3650-3700	30	20	CP-QPSK	M	Outer_Full	NV	TN	-6.942599	-0.001889	PASS
N78-3650-3700	30	20	DFT-QPSK	H	Outer_Full	NV	TN	-8.909548	-0.002415	PASS
N78-3650-3700	30	20	CP-QPSK	H	Outer_Full	NV	TN	-2.498053	-0.000677	PASS
N78-3650-3700	30	40	DFT-QPSK	L	Outer_Full	NV	TN	3.831398	0.001044	PASS
N78-3650-3700	30	40	CP-QPSK	L	Outer_Full	NV	TN	-19.316599	-0.005263	PASS
N78-3650-3700	30	40	DFT-QPSK	M	Outer_Full	NV	TN	-7.747194	-0.002108	PASS
N78-3650-3700	30	40	CP-QPSK	M	Outer_Full	NV	TN	8.023437	0.002183	PASS
N78-3650-3700	30	40	DFT-QPSK	H	Outer_Full	NV	TN	-15.433981	-0.004194	PASS
N78-3650-3700	30	40	CP-QPSK	H	Outer_Full	NV	TN	-11.649179	-0.003166	PASS
N78-3650-3700	30	50	DFT-QPSK	M	Outer_Full	NV	TN	2.536545	0.000690	PASS
N78-3650-3700	30	50	CP-QPSK	M	Outer_Full	NV	TN	-2.193593	-0.000597	PASS

Appendix F: Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N78-3650-3700	30	20	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3650-3700	30	20	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3650-3700	30	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3650-3700	30	20	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3650-3700	30	20	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3650-3700	30	20	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3650-3700	30	40	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3650-3700	30	40	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3650-3700	30	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3650-3700	30	40	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3650-3700	30	40	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3650-3700	30	40	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3650-3700	30	50	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3650-3700	30	50	CP-QPSK	M	Outer_Full	see graph	PASS

Test Graphs

