



1-N77-3700-3980-PC2-30-100-H-26-CP-256
QAM-Edge_1RB_Right-1@272-1000-3000-A
nt1--52.88--13-PASS



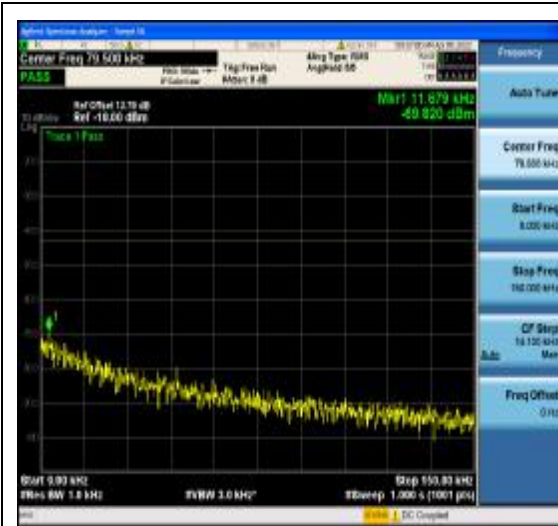
1-N77-3700-3980-PC2-30-100-H-26-CP-256
QAM-Edge_1RB_Right-1@272-3000-6000-A
nt1--49.21--13-PASS



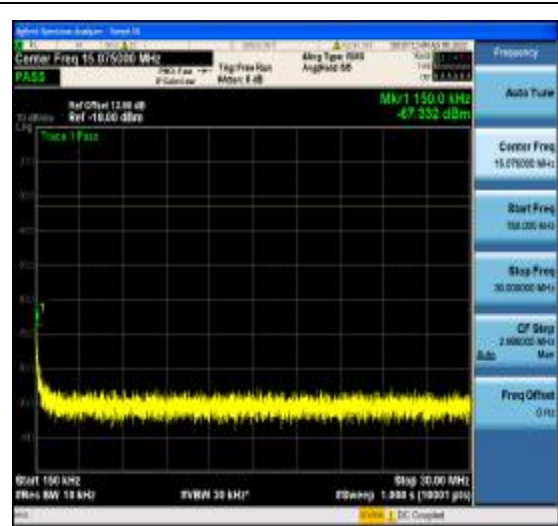
1-N77-3700-3980-PC2-30-100-H-26-CP-256
QAM-Edge_1RB_Right-1@272-6000-26000-
Ant1--33.48--13-PASS



1-N77-3700-3980-PC2-30-100-H-26-CP-256
QAM-Edge_1RB_Right-1@272-26000-40000
-Ant1--33.26--13-PASS



1-N77-3700-3980-PC2-30-100-H-27-CP-256
 QAM-Outer_Full-273@0-0.009-0.15-Ant1--69
 .82--43-PASS



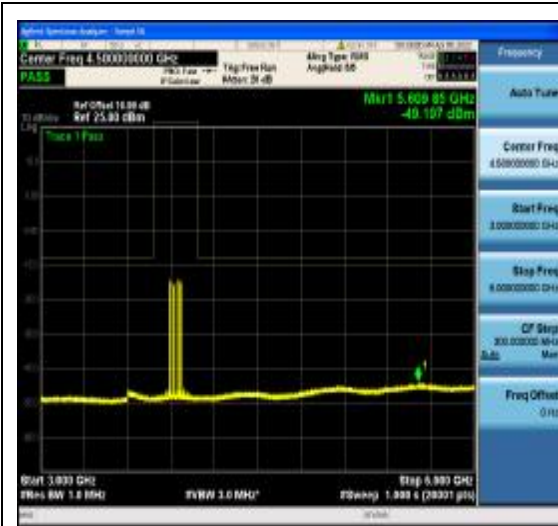
1-N77-3700-3980-PC2-30-100-H-27-CP-256
 QAM-Outer_Full-273@0-0.15-30-Ant1--67.33
 --33-PASS



1-N77-3700-3980-PC2-30-100-H-27-CP-256
 QAM-Outer_Full-273@0-30-1000-Ant1--63.9
 4--23-PASS



1-N77-3700-3980-PC2-30-100-H-27-CP-256
 QAM-Outer_Full-273@0-1000-3000-Ant1--52
 .55--13-PASS



1-N77-3700-3980-PC2-30-100-H-27-CP-256
QAM-Outer_Full-273@0-3000-6000-Ant1--49
.20--13-PASS



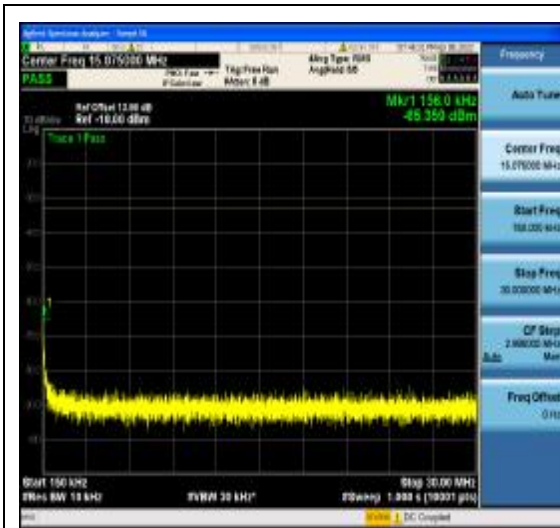
1-N77-3700-3980-PC2-30-100-H-27-CP-256
QAM-Outer_Full-273@0-6000-26000-Ant1--3
3.41--13-PASS



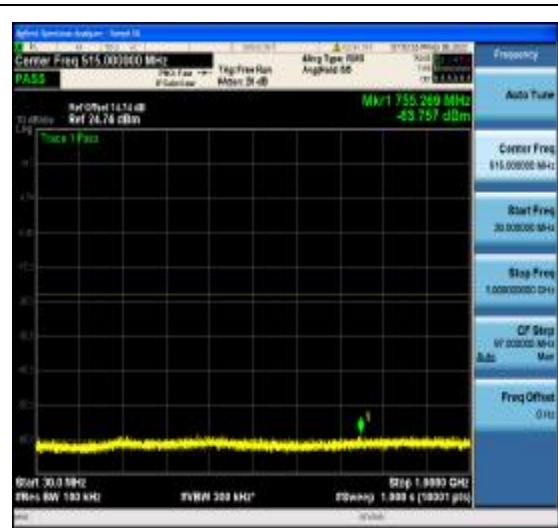
1-N77-3700-3980-PC2-30-100-H-27-CP-256
QAM-Outer_Full-273@0-26000-40000-Ant1--
33.31--13-PASS



1-N77-3700-3980-PC2-30-20-L-1-DFT-PI2BP
SK-Edge_1RB_Left-1@0-0.009-0.15-Ant1--6
9.46--43-PASS



1-N77-3700-3980-PC2-30-20-L-1-DFT-PI2BP
SK-Edge_1RB_Left-1@0-0.15-30-Ant1--65.3
6--33-PASS



1-N77-3700-3980-PC2-30-20-L-1-DFT-PI2BP
SK-Edge_1RB_Left-1@0-30-1000-Ant1--63.7
6--23-PASS

Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
n77A-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	VN	NT	-6.254479	-0.001686	PASS
n77A-3700-3980	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-10.632614	-0.002866	PASS
n77A-3700-3980	30	20	DFT-16QAM	L	Outer_Full	VN	NT	3.127239	0.000843	PASS
n77A-3700-3980	30	20	DFT-64QAM	L	Outer_Full	VN	NT	-3.752687	-0.001012	PASS
n77A-3700-3980	30	20	DFT-256QAM	L	Outer_Full	VN	NT	0.625448	0.000169	PASS
n77A-3700-3980	30	20	CP-QPSK	L	Outer_Full	VN	NT	-4.378135	-0.001180	PASS
n77A-3700-3980	30	20	CP-16QAM	L	Outer_Full	VN	NT	3.752687	0.001012	PASS
n77A-3700-3980	30	20	CP-64QAM	L	Outer_Full	VN	NT	9.381718	0.002529	PASS
n77A-3700-3980	30	20	CP-256QAM	L	Outer_Full	VN	NT	-2.501792	-0.000674	PASS
n77A-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-6.254479	-0.001629	PASS
n77A-3700-3980	30	20	DFT-QPSK	M	Outer_Full	VN	NT	7.505375	0.001955	PASS
n77A-3700-3980	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-13.759854	-0.003583	PASS
n77A-3700-3980	30	20	DFT-64QAM	M	Outer_Full	VN	NT	-13.134406	-0.003420	PASS
n77A-3700-3980	30	20	DFT-256QAM	M	Outer_Full	VN	NT	6.254479	0.001629	PASS
n77A-3700-3980	30	20	CP-QPSK	M	Outer_Full	VN	NT	0.625448	0.000163	PASS
n77A-3700-3980	30	20	CP-16QAM	M	Outer_Full	VN	NT	-13.759854	-0.003583	PASS
n77A-3700-3980	30	20	CP-64QAM	M	Outer_Full	VN	NT	-3.752687	-0.000977	PASS

n77A-37 00-3980	30	20	CP-256QAM	M	Outer_Full	VN	NT	-10.632614	-0.002769	PASS
n77A-37 00-3980	30	20	DFT-PI2BPSK	H	Outer_Full	VN	NT	6.879927	0.001733	PASS
n77A-37 00-3980	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-12.508958	-0.003151	PASS
n77A-37 00-3980	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-11.883510	-0.002993	PASS
n77A-37 00-3980	30	20	DFT-64QAM	H	Outer_Full	VN	NT	8.130823	0.002048	PASS
n77A-37 00-3980	30	20	DFT-256QAM	H	Outer_Full	VN	NT	-3.127239	-0.000788	PASS
n77A-37 00-3980	30	20	CP-QPSK	H	Outer_Full	VN	NT	3.127239	0.000788	PASS
n77A-37 00-3980	30	20	CP-16QAM	H	Outer_Full	VN	NT	-7.505375	-0.001891	PASS
n77A-37 00-3980	30	20	CP-64QAM	H	Outer_Full	VN	NT	0.000000	0.000000	PASS
n77A-37 00-3980	30	20	CP-256QAM	H	Outer_Full	VN	NT	-5.629031	-0.001418	PASS
n77A-37 00-3980	30	40	DFT-PI2BPSK	L	Outer_Full	VN	NT	8.756270	0.002354	PASS
n77A-37 00-3980	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-8.756270	-0.002354	PASS
n77A-37 00-3980	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-7.505375	-0.002018	PASS
n77A-37 00-3980	30	40	DFT-64QAM	L	Outer_Full	VN	NT	-12.508958	-0.003363	PASS
n77A-37 00-3980	30	40	DFT-256QAM	L	Outer_Full	VN	NT	2.501792	0.000673	PASS
n77A-37 00-3980	30	40	CP-QPSK	L	Outer_Full	VN	NT	4.378135	0.001177	PASS
n77A-37 00-3980	30	40	CP-16QAM	L	Outer_Full	VN	NT	-7.505375	-0.002018	PASS
n77A-37 00-3980	30	40	CP-64QAM	L	Outer_Full	VN	NT	2.501792	0.000673	PASS
n77A-37 00-3980	30	40	CP-256QAM	L	Outer_Full	VN	NT	3.752687	0.001009	PASS
n77A-37 00-3980	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-10.007166	-0.002606	PASS
n77A-37 00-3980	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-10.007166	-0.002606	PASS
n77A-37	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-6.879927	-0.001792	PASS

00-3980										
n77A-37 00-3980	30	40	DFT-64QAM	M	Outer_Full	VN	NT	-1.250896	-0.000326	PASS
n77A-37 00-3980	30	40	DFT-256QAM	M	Outer_Full	VN	NT	-6.254479	-0.001629	PASS
n77A-37 00-3980	30	40	CP-QPSK	M	Outer_Full	VN	NT	-7.505375	-0.001955	PASS
n77A-37 00-3980	30	40	CP-16QAM	M	Outer_Full	VN	NT	5.629031	0.001466	PASS
n77A-37 00-3980	30	40	CP-64QAM	M	Outer_Full	VN	NT	-0.625448	-0.000163	PASS
n77A-37 00-3980	30	40	CP-256QAM	M	Outer_Full	VN	NT	-5.003583	-0.001303	PASS
n77A-37 00-3980	30	40	DFT-PI2BPSK	H	Outer_Full	VN	NT	11.258062	0.002843	PASS
n77A-37 00-3980	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-2.501792	-0.000632	PASS
n77A-37 00-3980	30	40	DFT-16QAM	H	Outer_Full	VN	NT	5.003583	0.001264	PASS
n77A-37 00-3980	30	40	DFT-64QAM	H	Outer_Full	VN	NT	-7.505375	-0.001895	PASS
n77A-37 00-3980	30	40	DFT-256QAM	H	Outer_Full	VN	NT	-11.258062	-0.002843	PASS
n77A-37 00-3980	30	40	CP-QPSK	H	Outer_Full	VN	NT	6.254479	0.001579	PASS
n77A-37 00-3980	30	40	CP-16QAM	H	Outer_Full	VN	NT	10.007166	0.002527	PASS
n77A-37 00-3980	30	40	CP-64QAM	H	Outer_Full	VN	NT	-14.385301	-0.003633	PASS
n77A-37 00-3980	30	40	CP-256QAM	H	Outer_Full	VN	NT	11.883510	0.003001	PASS
n77A-37 00-3980	30	80	DFT-PI2BPSK	L	Outer_Full	VN	NT	-5.629031	-0.001505	PASS
n77A-37 00-3980	30	80	DFT-QPSK	L	Outer_Full	VN	NT	6.879927	0.001840	PASS
n77A-37 00-3980	30	80	DFT-16QAM	L	Outer_Full	VN	NT	8.756270	0.002341	PASS
n77A-37 00-3980	30	80	DFT-64QAM	L	Outer_Full	VN	NT	-4.378135	-0.001171	PASS
n77A-37 00-3980	30	80	DFT-256QAM	L	Outer_Full	VN	NT	1.250896	0.000334	PASS
n77A-37 00-3980	30	80	CP-QPSK	L	Outer_Full	VN	NT	-10.632614	-0.002843	PASS

n77A-37 00-3980	30	80	CP-16QAM	L	Outer_Full	VN	NT	6.254479	0.001672	PASS
n77A-37 00-3980	30	80	CP-64QAM	L	Outer_Full	VN	NT	9.381718	0.002508	PASS
n77A-37 00-3980	30	80	CP-256QAM	L	Outer_Full	VN	NT	10.632614	0.002843	PASS
n77A-37 00-3980	30	80	DFT-PI2BPSK	M	Outer_Full	VN	NT	7.505375	0.001955	PASS
n77A-37 00-3980	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-10.632614	-0.002769	PASS
n77A-37 00-3980	30	80	DFT-16QAM	M	Outer_Full	VN	NT	11.258062	0.002932	PASS
n77A-37 00-3980	30	80	DFT-64QAM	M	Outer_Full	VN	NT	8.130823	0.002117	PASS
n77A-37 00-3980	30	80	DFT-256QAM	M	Outer_Full	VN	NT	8.756270	0.002280	PASS
n77A-37 00-3980	30	80	CP-QPSK	M	Outer_Full	VN	NT	-0.625448	-0.000163	PASS
n77A-37 00-3980	30	80	CP-16QAM	M	Outer_Full	VN	NT	6.254479	0.001629	PASS
n77A-37 00-3980	30	80	CP-64QAM	H	Outer_Full	VN	NT	-8.130823	-0.002064	PASS
n77A-37 00-3980	30	80	CP-256QAM	H	Outer_Full	VN	NT	11.883510	0.003016	PASS
n77A-37 00-3980	30	80	DFT-PI2BPSK	H	Outer_Full	VN	NT	-3.752687	-0.000952	PASS
n77A-37 00-3980	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-13.134406	-0.003334	PASS
n77A-37 00-3980	30	80	DFT-16QAM	H	Outer_Full	VN	NT	1.250896	0.000317	PASS
n77A-37 00-3980	30	80	DFT-64QAM	H	Outer_Full	VN	NT	7.505375	0.001905	PASS
n77A-37 00-3980	30	80	DFT-256QAM	H	Outer_Full	VN	NT	-3.752687	-0.000952	PASS
n77A-37 00-3980	30	80	CP-QPSK	H	Outer_Full	VN	NT	-11.883510	-0.003016	PASS
n77A-37 00-3980	30	80	CP-16QAM	H	Outer_Full	VN	NT	-5.003583	-0.001270	PASS
n77A-37 00-3980	30	80	CP-64QAM	H	Outer_Full	VN	NT	-7.505375	-0.001905	PASS
n77A-37 00-3980	30	80	CP-256QAM	H	Outer_Full	VN	NT	-10.007166	-0.002540	PASS
n77A-37	30	100	DFT-PI2BPSK	L	Outer_Full	VN	NT	7.505375	0.002001	PASS

00-3980										
n77A-37 00-3980	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-1.876344	-0.000500	PASS
n77A-37 00-3980	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-3.752687	-0.001001	PASS
n77A-37 00-3980	30	100	DFT-64QAM	L	Outer_Full	VN	NT	-3.127239	-0.000834	PASS
n77A-37 00-3980	30	100	DFT-256QAM	L	Outer_Full	VN	NT	-11.883510	-0.003169	PASS
n77A-37 00-3980	30	100	CP-QPSK	L	Outer_Full	VN	NT	6.254479	0.001668	PASS
n77A-37 00-3980	30	100	CP-16QAM	L	Outer_Full	VN	NT	-10.632614	-0.002835	PASS
n77A-37 00-3980	30	100	CP-64QAM	L	Outer_Full	VN	NT	-6.879927	-0.001835	PASS
n77A-37 00-3980	30	100	CP-256QAM	L	Outer_Full	VN	NT	3.127239	0.000834	PASS
n77A-37 00-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-13.759854	-0.003583	PASS
n77A-37 00-3980	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-10.007166	-0.002606	PASS
n77A-37 00-3980	30	100	DFT-16QAM	M	Outer_Full	VN	NT	3.127239	0.000814	PASS
n77A-37 00-3980	30	100	DFT-64QAM	M	Outer_Full	VN	NT	-13.759854	-0.003583	PASS
n77A-37 00-3980	30	100	DFT-256QAM	M	Outer_Full	VN	NT	-11.883510	-0.003095	PASS
n77A-37 00-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	-0.625448	-0.000163	PASS
n77A-37 00-3980	30	100	CP-16QAM	M	Outer_Full	VN	NT	6.879927	0.001792	PASS
n77A-37 00-3980	30	100	CP-64QAM	M	Outer_Full	VN	NT	1.876344	0.000489	PASS
n77A-37 00-3980	30	100	CP-256QAM	M	Outer_Full	VN	NT	-9.381718	-0.002443	PASS
n77A-37 00-3980	30	100	DFT-PI2BPSK	H	Outer_Full	VN	NT	-13.134406	-0.003342	PASS
n77A-37 00-3980	30	100	DFT-QPSK	H	Outer_Full	VN	NT	11.258062	0.002865	PASS
n77A-37 00-3980	30	100	DFT-16QAM	H	Outer_Full	VN	NT	6.879927	0.001751	PASS
n77A-37 00-3980	30	100	DFT-64QAM	H	Outer_Full	VN	NT	-7.505375	-0.001910	PASS

n77A-37 00-3980	30	100	DFT-256QAM	H	Outer_Full	VN	NT	-6.254479	-0.001591	PASS
n77A-37 00-3980	30	100	CP-QPSK	H	Outer_Full	VN	NT	-1.250896	-0.000318	PASS
n77A-37 00-3980	30	100	CP-16QAM	H	Outer_Full	VN	NT	-13.134406	-0.003342	PASS
n77A-37 00-3980	30	100	CP-64QAM	H	Outer_Full	VN	NT	3.127239	0.000796	PASS
n77A-37 00-3980	30	100	CP-256QAM	H	Outer_Full	VN	NT	-6.879927	-0.001751	PASS
n77A-37 00-3980	30	60	DFT-PI2BPSK	L	Outer_Full	VN	NT	11.258062	0.003018	PASS
n77A-37 00-3980	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-10.007166	-0.002683	PASS
n77A-37 00-3980	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-1.250896	-0.000335	PASS
n77A-37 00-3980	30	60	DFT-64QAM	L	Outer_Full	VN	NT	10.632614	0.002851	PASS
n77A-37 00-3980	30	60	DFT-256QAM	L	Outer_Full	VN	NT	-5.003583	-0.001341	PASS
n77A-37 00-3980	30	60	CP-QPSK	L	Outer_Full	VN	NT	5.003583	0.001341	PASS
n77A-37 00-3980	30	60	CP-16QAM	L	Outer_Full	VN	NT	-5.629031	-0.001509	PASS
n77A-37 00-3980	30	60	CP-64QAM	L	Outer_Full	VN	NT	5.003583	0.001341	PASS
n77A-37 00-3980	30	60	CP-256QAM	L	Outer_Full	VN	NT	-11.258062	-0.003018	PASS
n77A-37 00-3980	30	60	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.378135	-0.001140	PASS
n77A-37 00-3980	30	60	DFT-QPSK	M	Outer_Full	VN	NT	11.883510	0.003095	PASS
n77A-37 00-3980	30	60	DFT-16QAM	M	Outer_Full	VN	NT	2.501792	0.000652	PASS
n77A-37 00-3980	30	60	DFT-64QAM	M	Outer_Full	VN	NT	5.003583	0.001303	PASS
n77A-37 00-3980	30	60	DFT-256QAM	M	Outer_Full	VN	NT	0.000000	0.000000	PASS
n77A-37 00-3980	30	60	CP-QPSK	M	Outer_Full	VN	NT	-2.501792	-0.000652	PASS
n77A-37 00-3980	30	60	CP-16QAM	M	Outer_Full	VN	NT	-11.258062	-0.002932	PASS
n77A-37	30	60	CP-64QAM	M	Outer_Full	VN	NT	-11.258062	-0.002932	PASS

00-3980										
n77A-37 00-3980	30	60	CP-256QAM	M	Outer_Full	VN	NT	-13.759854	-0.003583	PASS
n77A-37 00-3980	30	60	DFT-PI2BPSK	H	Outer_Full	VN	NT	4.378135	0.001108	PASS
n77A-37 00-3980	30	60	DFT-QPSK	H	Outer_Full	VN	NT	10.007166	0.002533	PASS
n77A-37 00-3980	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-6.254479	-0.001583	PASS
n77A-37 00-3980	30	60	DFT-64QAM	H	Outer_Full	VN	NT	1.876344	0.000475	PASS
n77A-37 00-3980	30	60	DFT-256QAM	H	Outer_Full	VN	NT	-9.381718	-0.002375	PASS
n77A-37 00-3980	30	60	CP-QPSK	H	Outer_Full	VN	NT	1.250896	0.000317	PASS
n77A-37 00-3980	30	60	CP-16QAM	H	Outer_Full	VN	NT	-4.378135	-0.001108	PASS
n77A-37 00-3980	30	60	CP-64QAM	H	Outer_Full	VN	NT	11.883510	0.003008	PASS
n77A-37 00-3980	30	60	CP-256QAM	H	Outer_Full	VN	NT	-14.385301	-0.003642	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
n77A-37 00-3980	30	20	DFT-PI2BPSK	L	Outer_Full	VN	NT	-1.876344	-0.000506	PASS
n77A-37 00-3980	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-8.756270	-0.002360	PASS
n77A-37 00-3980	30	20	DFT-16QAM	L	Outer_Full	VN	NT	11.258062	0.003035	PASS
n77A-37 00-3980	30	20	DFT-64QAM	L	Outer_Full	VN	NT	-8.756270	-0.002360	PASS
n77A-37 00-3980	30	20	DFT-256QAM	L	Outer_Full	VN	NT	7.505375	0.002023	PASS
n77A-37 00-3980	30	20	CP-QPSK	L	Outer_Full	VN	NT	-4.378135	-0.001180	PASS
n77A-37 00-3980	30	20	CP-16QAM	L	Outer_Full	VN	NT	-13.134406	-0.003540	PASS

n77A-37 00-3980	30	20	CP-64QAM	L	Outer_Full	VN	NT	-4.378135	-0.001180	PASS
n77A-37 00-3980	30	20	CP-256QAM	L	Outer_Full	VN	NT	3.127239	0.000843	PASS
n77A-37 00-3980	30	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.752687	0.000977	PASS
n77A-37 00-3980	30	20	DFT-QPSK	M	Outer_Full	VN	NT	5.003583	0.001303	PASS
n77A-37 00-3980	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-0.625448	-0.000163	PASS
n77A-37 00-3980	30	20	DFT-64QAM	M	Outer_Full	VN	NT	-6.879927	-0.001792	PASS
n77A-37 00-3980	30	20	DFT-256QAM	M	Outer_Full	VN	NT	-2.501792	-0.000652	PASS
n77A-37 00-3980	30	20	CP-QPSK	M	Outer_Full	VN	NT	0.625448	0.000163	PASS
n77A-37 00-3980	30	20	CP-16QAM	M	Outer_Full	VN	NT	-14.385301	-0.003746	PASS
n77A-37 00-3980	30	20	CP-64QAM	M	Outer_Full	VN	NT	8.130823	0.002117	PASS
n77A-37 00-3980	30	20	CP-256QAM	M	Outer_Full	VN	NT	-2.501792	-0.000652	PASS
n77A-37 00-3980	30	20	DFT-PI2BPSK	H	Outer_Full	VN	NT	9.381718	0.002363	PASS
n77A-37 00-3980	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-11.258062	-0.002836	PASS
n77A-37 00-3980	30	20	DFT-16QAM	H	Outer_Full	VN	NT	0.000000	0.000000	PASS
n77A-37 00-3980	30	20	DFT-64QAM	H	Outer_Full	VN	NT	10.007166	0.002521	PASS
n77A-37 00-3980	30	20	DFT-256QAM	H	Outer_Full	VN	NT	-3.752687	-0.000945	PASS
n77A-37 00-3980	30	20	CP-QPSK	H	Outer_Full	VN	NT	-6.879927	-0.001733	PASS
n77A-37 00-3980	30	20	CP-16QAM	H	Outer_Full	VN	NT	8.130823	0.002048	PASS
n77A-37 00-3980	30	20	CP-64QAM	H	Outer_Full	VN	NT	-1.876344	-0.000473	PASS
n77A-37 00-3980	30	20	CP-256QAM	H	Outer_Full	VN	NT	7.505375	0.001891	PASS
n77A-37 00-3980	30	40	DFT-PI2BPSK	L	Outer_Full	VN	NT	3.752687	0.001009	PASS
n77A-37	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-6.879927	-0.001849	PASS

00-3980										
n77A-37 00-3980	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-13.134406	-0.003531	PASS
n77A-37 00-3980	30	40	DFT-64QAM	L	Outer_Full	VN	NT	6.254479	0.001681	PASS
n77A-37 00-3980	30	40	DFT-256QAM	L	Outer_Full	VN	NT	10.007166	0.002690	PASS
n77A-37 00-3980	30	40	CP-QPSK	L	Outer_Full	VN	NT	10.632614	0.002858	PASS
n77A-37 00-3980	30	40	CP-16QAM	L	Outer_Full	VN	NT	-2.501792	-0.000673	PASS
n77A-37 00-3980	30	40	CP-64QAM	L	Outer_Full	VN	NT	10.632614	0.002858	PASS
n77A-37 00-3980	30	40	CP-256QAM	L	Outer_Full	VN	NT	-6.254479	-0.001681	PASS
n77A-37 00-3980	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.127239	0.000814	PASS
n77A-37 00-3980	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-10.007166	-0.002606	PASS
n77A-37 00-3980	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-13.134406	-0.003420	PASS
n77A-37 00-3980	30	40	DFT-64QAM	M	Outer_Full	VN	NT	5.629031	0.001466	PASS
n77A-37 00-3980	30	40	DFT-256QAM	M	Outer_Full	VN	NT	-9.381718	-0.002443	PASS
n77A-37 00-3980	30	40	CP-QPSK	M	Outer_Full	VN	NT	-10.632614	-0.002769	PASS
n77A-37 00-3980	30	40	CP-16QAM	M	Outer_Full	VN	NT	11.258062	0.002932	PASS
n77A-37 00-3980	30	40	CP-64QAM	M	Outer_Full	VN	NT	-5.629031	-0.001466	PASS
n77A-37 00-3980	30	40	CP-256QAM	M	Outer_Full	VN	NT	2.501792	0.000652	PASS
n77A-37 00-3980	30	40	DFT-PI2BPSK	H	Outer_Full	VN	NT	-6.254479	-0.001579	PASS
n77A-37 00-3980	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-4.378135	-0.001106	PASS
n77A-37 00-3980	30	40	DFT-16QAM	H	Outer_Full	VN	NT	1.876344	0.000474	PASS
n77A-37 00-3980	30	40	DFT-64QAM	H	Outer_Full	VN	NT	1.250896	0.000316	PASS
n77A-37 00-3980	30	40	DFT-256QAM	H	Outer_Full	VN	NT	-6.879927	-0.001737	PASS

n77A-37 00-3980	30	40	CP-QPSK	H	Outer_Full	VN	NT	1.250896	0.000316	PASS
n77A-37 00-3980	30	40	CP-16QAM	H	Outer_Full	VN	NT	-9.381718	-0.002369	PASS
n77A-37 00-3980	30	40	CP-64QAM	H	Outer_Full	VN	NT	-10.632614	-0.002685	PASS
n77A-37 00-3980	30	40	CP-256QAM	H	Outer_Full	VN	NT	11.258062	0.002843	PASS
n77A-37 00-3980	30	80	DFT-PI2BPSK	L	Outer_Full	VN	NT	-5.629031	-0.001505	PASS
n77A-37 00-3980	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-5.003583	-0.001338	PASS
n77A-37 00-3980	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-13.759854	-0.003679	PASS
n77A-37 00-3980	30	80	DFT-64QAM	L	Outer_Full	VN	NT	-6.254479	-0.001672	PASS
n77A-37 00-3980	30	80	DFT-256QAM	L	Outer_Full	VN	NT	3.752687	0.001003	PASS
n77A-37 00-3980	30	80	CP-QPSK	L	Outer_Full	VN	NT	1.876344	0.000502	PASS
n77A-37 00-3980	30	80	CP-16QAM	L	Outer_Full	VN	NT	7.505375	0.002007	PASS
n77A-37 00-3980	30	80	CP-64QAM	L	Outer_Full	VN	NT	-12.508958	-0.003345	PASS
n77A-37 00-3980	30	80	CP-256QAM	L	Outer_Full	VN	NT	2.501792	0.000669	PASS
n77A-37 00-3980	30	80	DFT-PI2BPSK	M	Outer_Full	VN	NT	11.883510	0.003095	PASS
n77A-37 00-3980	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-14.385301	-0.003746	PASS
n77A-37 00-3980	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-10.632614	-0.002769	PASS
n77A-37 00-3980	30	80	DFT-64QAM	M	Outer_Full	VN	NT	5.629031	0.001466	PASS
n77A-37 00-3980	30	80	DFT-256QAM	M	Outer_Full	VN	NT	-11.258062	-0.002932	PASS
n77A-37 00-3980	30	80	CP-QPSK	M	Outer_Full	VN	NT	9.381718	0.002443	PASS
n77A-37 00-3980	30	80	CP-16QAM	M	Outer_Full	VN	NT	-3.752687	-0.000977	PASS
n77A-37 00-3980	30	80	CP-64QAM	H	Outer_Full	VN	NT	-8.756270	-0.002222	PASS
n77A-37	30	80	CP-256QAM	H	Outer_Full	VN	NT	9.381718	0.002381	PASS

00-3980										
n77A-37 00-3980	30	80	DFT-PI2BPSK	H	Outer_Full	VN	NT	-3.752687	-0.000952	PASS
n77A-37 00-3980	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-13.134406	-0.003334	PASS
n77A-37 00-3980	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-12.508958	-0.003175	PASS
n77A-37 00-3980	30	80	DFT-64QAM	H	Outer_Full	VN	NT	8.756270	0.002222	PASS
n77A-37 00-3980	30	80	DFT-256QAM	H	Outer_Full	VN	NT	8.130823	0.002064	PASS
n77A-37 00-3980	30	80	CP-QPSK	H	Outer_Full	VN	NT	0.625448	0.000159	PASS
n77A-37 00-3980	30	80	CP-16QAM	H	Outer_Full	VN	NT	6.879927	0.001746	PASS
n77A-37 00-3980	30	80	CP-64QAM	H	Outer_Full	VN	NT	-12.508958	-0.003175	PASS
n77A-37 00-3980	30	80	CP-256QAM	H	Outer_Full	VN	NT	0.625448	0.000159	PASS
n77A-37 00-3980	30	100	DFT-PI2BPSK	L	Outer_Full	VN	NT	7.505375	0.002001	PASS
n77A-37 00-3980	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-3.127239	-0.000834	PASS
n77A-37 00-3980	30	100	DFT-16QAM	L	Outer_Full	VN	NT	0.625448	0.000167	PASS
n77A-37 00-3980	30	100	DFT-64QAM	L	Outer_Full	VN	NT	7.505375	0.002001	PASS
n77A-37 00-3980	30	100	DFT-256QAM	L	Outer_Full	VN	NT	11.258062	0.003002	PASS
n77A-37 00-3980	30	100	CP-QPSK	L	Outer_Full	VN	NT	-6.254479	-0.001668	PASS
n77A-37 00-3980	30	100	CP-16QAM	L	Outer_Full	VN	NT	5.629031	0.001501	PASS
n77A-37 00-3980	30	100	CP-64QAM	L	Outer_Full	VN	NT	4.378135	0.001168	PASS
n77A-37 00-3980	30	100	CP-256QAM	L	Outer_Full	VN	NT	7.505375	0.002001	PASS
n77A-37 00-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.629031	-0.001466	PASS
n77A-37 00-3980	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-14.385301	-0.003746	PASS
n77A-37 00-3980	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-8.130823	-0.002117	PASS

n77A-37 00-3980	30	100	DFT-64QAM	M	Outer_Full	VN	NT	-9.381718	-0.002443	PASS
n77A-37 00-3980	30	100	DFT-256QAM	M	Outer_Full	VN	NT	2.501792	0.000652	PASS
n77A-37 00-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	1.250896	0.000326	PASS
n77A-37 00-3980	30	100	CP-16QAM	M	Outer_Full	VN	NT	-7.505375	-0.001955	PASS
n77A-37 00-3980	30	100	CP-64QAM	M	Outer_Full	VN	NT	2.501792	0.000652	PASS
n77A-37 00-3980	30	100	CP-256QAM	M	Outer_Full	VN	NT	-6.254479	-0.001629	PASS
n77A-37 00-3980	30	100	DFT-PI2BPSK	H	Outer_Full	VN	NT	-13.759854	-0.003501	PASS
n77A-37 00-3980	30	100	DFT-QPSK	H	Outer_Full	VN	NT	1.250896	0.000318	PASS
n77A-37 00-3980	30	100	DFT-16QAM	H	Outer_Full	VN	NT	4.378135	0.001114	PASS
n77A-37 00-3980	30	100	DFT-64QAM	H	Outer_Full	VN	NT	-3.752687	-0.000955	PASS
n77A-37 00-3980	30	100	DFT-256QAM	H	Outer_Full	VN	NT	6.254479	0.001591	PASS
n77A-37 00-3980	30	100	CP-QPSK	H	Outer_Full	VN	NT	-5.629031	-0.001432	PASS
n77A-37 00-3980	30	100	CP-16QAM	H	Outer_Full	VN	NT	9.381718	0.002387	PASS
n77A-37 00-3980	30	100	CP-64QAM	H	Outer_Full	VN	NT	-11.258062	-0.002865	PASS
n77A-37 00-3980	30	100	CP-256QAM	H	Outer_Full	VN	NT	6.254479	0.001591	PASS
n77A-37 00-3980	30	60	DFT-PI2BPSK	L	Outer_Full	VN	NT	-14.385301	-0.003857	PASS
n77A-37 00-3980	30	60	DFT-QPSK	L	Outer_Full	VN	NT	5.629031	0.001509	PASS
n77A-37 00-3980	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-7.505375	-0.002012	PASS
n77A-37 00-3980	30	60	DFT-64QAM	L	Outer_Full	VN	NT	-11.258062	-0.003018	PASS
n77A-37 00-3980	30	60	DFT-256QAM	L	Outer_Full	VN	NT	5.003583	0.001341	PASS
n77A-37 00-3980	30	60	CP-QPSK	L	Outer_Full	VN	NT	10.632614	0.002851	PASS
n77A-37	30	60	CP-16QAM	L	Outer_Full	VN	NT	4.378135	0.001174	PASS

00-3980										
n77A-37 00-3980	30	60	CP-64QAM	L	Outer_Full	VN	NT	9.381718	0.002515	PASS
n77A-37 00-3980	30	60	CP-256QAM	L	Outer_Full	VN	NT	-11.883510	-0.003186	PASS
n77A-37 00-3980	30	60	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.625448	-0.000163	PASS
n77A-37 00-3980	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-13.134406	-0.003420	PASS
n77A-37 00-3980	30	60	DFT-16QAM	M	Outer_Full	VN	NT	5.629031	0.001466	PASS
n77A-37 00-3980	30	60	DFT-64QAM	M	Outer_Full	VN	NT	6.879927	0.001792	PASS
n77A-37 00-3980	30	60	DFT-256QAM	M	Outer_Full	VN	NT	-12.508958	-0.003258	PASS
n77A-37 00-3980	30	60	CP-QPSK	M	Outer_Full	VN	NT	5.003583	0.001303	PASS
n77A-37 00-3980	30	60	CP-16QAM	M	Outer_Full	VN	NT	-0.625448	-0.000163	PASS
n77A-37 00-3980	30	60	CP-64QAM	M	Outer_Full	VN	NT	6.879927	0.001792	PASS
n77A-37 00-3980	30	60	CP-256QAM	M	Outer_Full	VN	NT	-14.385301	-0.003746	PASS
n77A-37 00-3980	30	60	DFT-PI2BPSK	H	Outer_Full	VN	NT	4.378135	0.001108	PASS
n77A-37 00-3980	30	60	DFT-QPSK	H	Outer_Full	VN	NT	6.879927	0.001742	PASS
n77A-37 00-3980	30	60	DFT-16QAM	H	Outer_Full	VN	NT	4.378135	0.001108	PASS
n77A-37 00-3980	30	60	DFT-64QAM	H	Outer_Full	VN	NT	-6.254479	-0.001583	PASS
n77A-37 00-3980	30	60	DFT-256QAM	H	Outer_Full	VN	NT	-11.258062	-0.002850	PASS
n77A-37 00-3980	30	60	CP-QPSK	H	Outer_Full	VN	NT	3.127239	0.000792	PASS
n77A-37 00-3980	30	60	CP-16QAM	H	Outer_Full	VN	NT	9.381718	0.002375	PASS
n77A-37 00-3980	30	60	CP-64QAM	H	Outer_Full	VN	NT	-5.629031	-0.001425	PASS
n77A-37 00-3980	30	60	CP-256QAM	H	Outer_Full	VN	NT	2.501792	0.000633	PASS