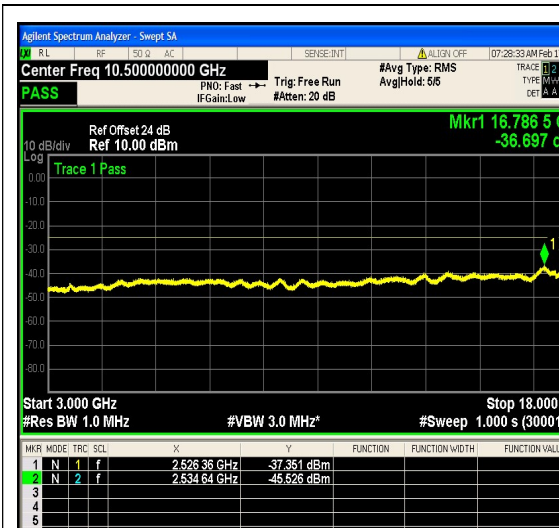
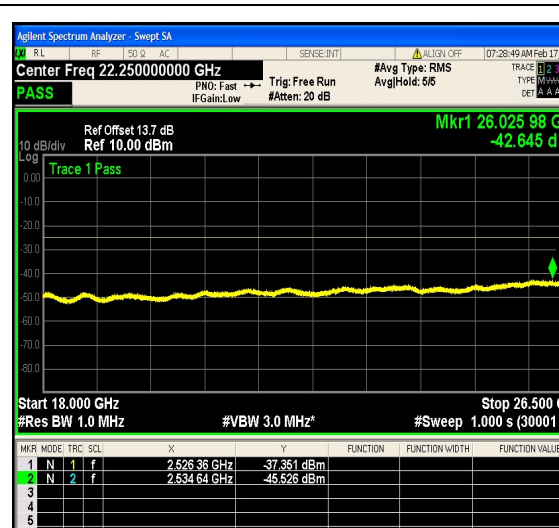
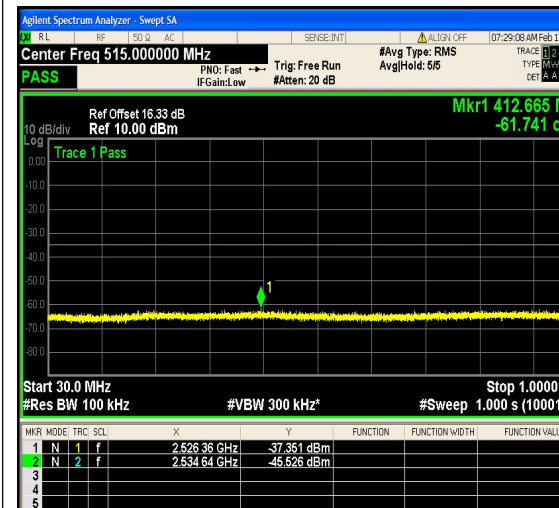




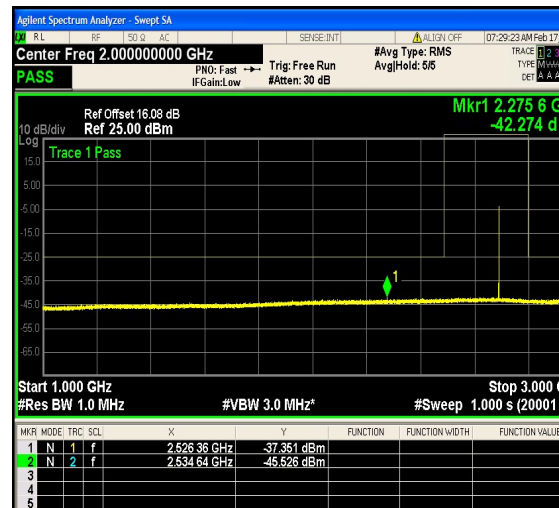
1-N41-PC2-30-100-H-25-CP-256QAM-Edge_1RB_Left-1@0-3000-18000-Ant1--36.70--25-PASS



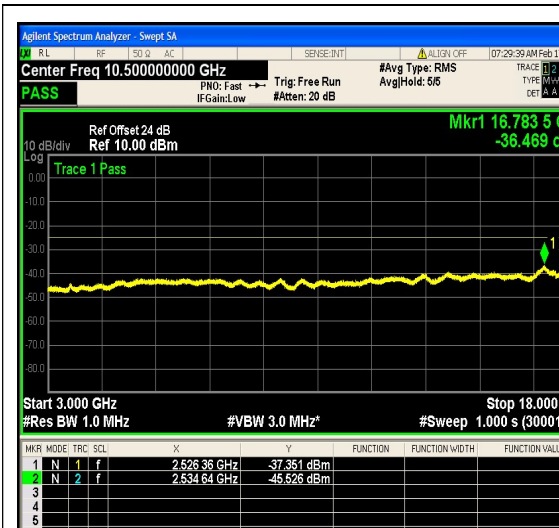
1-N41-PC2-30-100-H-25-CP-256QAM-Edge_1RB_Left-1@0-18000-26500-Ant1--42.65--25-PASS



1-N41-PC2-30-100-H-26-CP-256QAM-Edge_1RB_Right-1@272-30-1000-Ant1--61.74--35-PASS



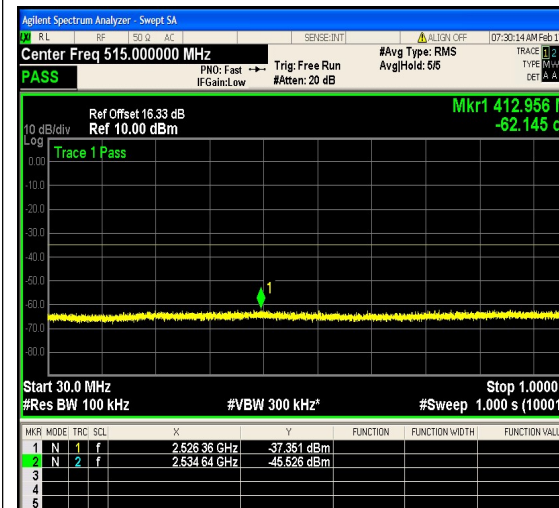
1-N41-PC2-30-100-H-26-CP-256QAM-Edge_1RB_Right-1@272-1000-3000-Ant1--42.27--25-PASS



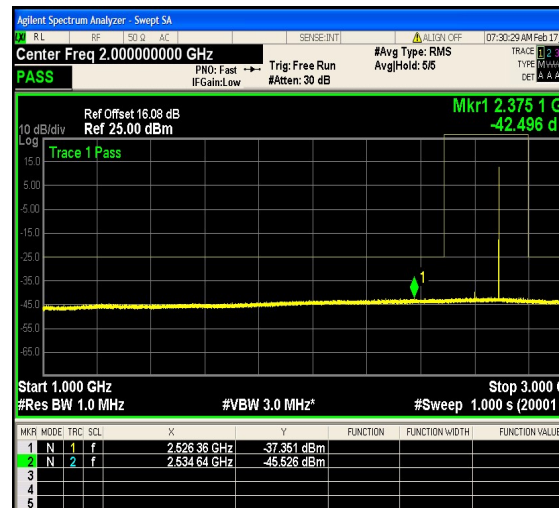
1-N41-PC2-30-100-H-26-CP-256QAM-Edge_1RB_Right-1@272-3000-18000-Ant1--36.47--25-PASS



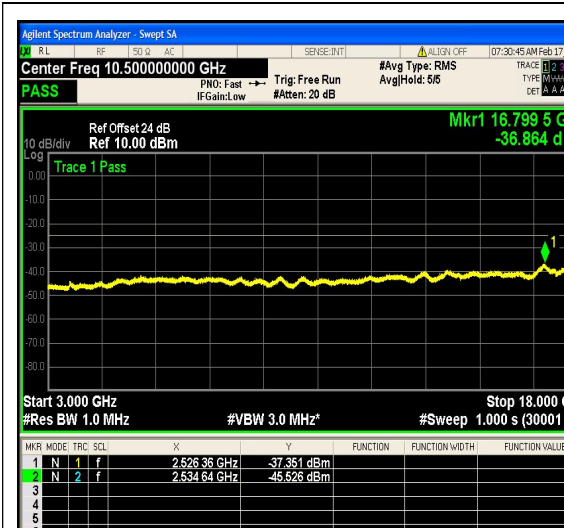
1-N41-PC2-30-100-H-26-CP-256QAM-Edge_1RB_Right-1@272-18000-26500-Ant1--42.69--25-PASS



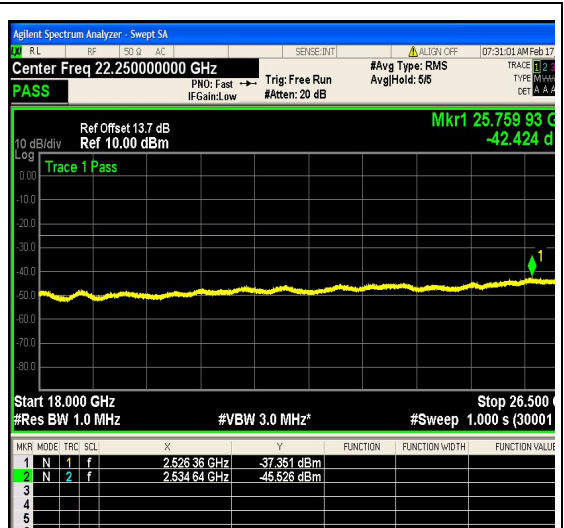
1-N41-PC2-30-100-H-27-CP-256QAM-Outer_Full-273@0-30-1000-Ant1--62.15--35-PASS



1-N41-PC2-30-100-H-27-CP-256QAM-Outer_Full-273@0-1000-3000-Ant1--42.50--25-PASS



1-N41-PC2-30-100-H-27-CP-256QAM-Outer
_Full-273@0-3000-18000-Ant1--36.86--25-P
ASS



1-N41-PC2-30-100-H-27-CP-256QAM-Outer
_Full-273@0-18000-26500-Ant1--42.42--25-
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
N41	30	20	DFT-PI2B PSK	L	Outer_Full	VN	NT	-8.932614	-0.003564	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VN	NT	6.305375	0.002516	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VN	NT	5.254479	0.002097	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	VN	NT	-9.458062	-0.003774	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	VN	NT	0.000000	0.000000	PASS
N41	30	20	CP-QPSK	L	Outer_Full	VN	NT	-6.830823	-0.002726	PASS
N41	30	20	CP-16QAM	L	Outer_Full	VN	NT	-2.627239	-0.001048	PASS
N41	30	20	CP-64QAM	L	Outer_Full	VN	NT	-3.678135	-0.001468	PASS
N41	30	20	CP-256QAM	L	Outer_Full	VN	NT	0.000000	0.000000	PASS
N41	30	20	DFT-PI2B PSK	M	Outer_Full	VN	NT	3.152687	0.001216	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VN	NT	4.729031	0.001824	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-9.458062	-0.003648	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	VN	NT	4.203583	0.001621	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	VN	NT	-3.152687	-0.001216	PASS
N41	30	20	CP-QPSK	M	Outer_Full	VN	NT	-5.779927	-0.002229	PASS

N4 1	30	20	CP-16QAM	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	20	CP-64QAM	M	Outer_Full	VN	NT	-3.678135	-0.001418	PASS
N4 1	30	20	CP-256QAM	M	Outer_Full	VN	NT	1.576344	0.000608	PASS
N4 1	30	20	DFT-PI2BPSK	H	Outer_Full	VN	NT	-3.152687	-0.001176	PASS
N4 1	30	20	DFT-QPSK	H	Outer_Full	VN	NT	1.576344	0.000588	PASS
N4 1	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-0.525448	-0.000196	PASS
N4 1	30	20	DFT-64QAM	H	Outer_Full	VN	NT	-1.050896	-0.000392	PASS
N4 1	30	20	DFT-256QAM	H	Outer_Full	VN	NT	-5.254479	-0.001961	PASS
N4 1	30	20	CP-QPSK	H	Outer_Full	VN	NT	-8.407166	-0.003137	PASS
N4 1	30	20	CP-16QAM	H	Outer_Full	VN	NT	6.305375	0.002353	PASS
N4 1	30	20	CP-64QAM	H	Outer_Full	VN	NT	-9.458062	-0.003529	PASS
N4 1	30	20	CP-256QAM	H	Outer_Full	VN	NT	4.203583	0.001569	PASS
N4 1	30	40	DFT-PI2BPSK	L	Outer_Full	VN	NT	-3.678135	-0.001462	PASS
N4 1	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-4.203583	-0.001671	PASS
N4 1	30	40	DFT-16QAM	L	Outer_Full	VN	NT	2.101792	0.000835	PASS
N4 1	30	40	DFT-64QAM	L	Outer_Full	VN	NT	6.305375	0.002506	PASS
N4 1	30	40	DFT-256QAM	L	Outer_Full	VN	NT	-1.050896	-0.000418	PASS
N4 1	30	40	CP-QPSK	L	Outer_Full	VN	NT	-6.830823	-0.002715	PASS
N4 1	30	40	CP-16QAM	L	Outer_Full	VN	NT	-4.729031	-0.001880	PASS
N4 1	30	40	CP-64QAM	L	Outer_Full	VN	NT	6.830823	0.002715	PASS
N4 1	30	40	CP-256QAM	L	Outer_Full	VN	NT	6.305375	0.002506	PASS

N4 1	30	40	DFT-PI2B PSK	M	Outer_F ull	VN	NT	-8.932614	-0.003445	PASS
N4 1	30	40	DFT-QPSK	M	Outer_F ull	VN	NT	5.779927	0.002229	PASS
N4 1	30	40	DFT-16QA M	M	Outer_F ull	VN	NT	-6.305375	-0.002432	PASS
N4 1	30	40	DFT-64QA M	M	Outer_F ull	VN	NT	-1.576344	-0.000608	PASS
N4 1	30	40	DFT-256Q AM	M	Outer_F ull	VN	NT	-7.881718	-0.003040	PASS
N4 1	30	40	CP-QPSK	M	Outer_F ull	VN	NT	2.101792	0.000811	PASS
N4 1	30	40	CP-16QA M	M	Outer_F ull	VN	NT	0.000000	0.000000	PASS
N4 1	30	40	CP-64QA M	M	Outer_F ull	VN	NT	-2.101792	-0.000811	PASS
N4 1	30	40	CP-256QA M	M	Outer_F ull	VN	NT	-7.356270	-0.002837	PASS
N4 1	30	40	DFT-PI2B PSK	H	Outer_F ull	VN	NT	-3.152687	-0.001181	PASS
N4 1	30	40	DFT-QPSK	H	Outer_F ull	VN	NT	3.152687	0.001181	PASS
N4 1	30	40	DFT-16QA M	H	Outer_F ull	VN	NT	4.729031	0.001771	PASS
N4 1	30	40	DFT-64QA M	H	Outer_F ull	VN	NT	-0.525448	-0.000197	PASS
N4 1	30	40	DFT-256Q AM	H	Outer_F ull	VN	NT	-9.458062	-0.003542	PASS
N4 1	30	40	CP-QPSK	H	Outer_F ull	VN	NT	-6.305375	-0.002362	PASS
N4 1	30	40	CP-16QA M	H	Outer_F ull	VN	NT	-3.152687	-0.001181	PASS
N4 1	30	40	CP-64QA M	H	Outer_F ull	VN	NT	2.627239	0.000984	PASS
N4 1	30	40	CP-256QA M	H	Outer_F ull	VN	NT	5.779927	0.002165	PASS
N4 1	30	50	DFT-PI2B PSK	L	Outer_F ull	VN	NT	6.305375	0.002501	PASS
N4 1	30	50	DFT-QPSK	L	Outer_F ull	VN	NT	-1.050896	-0.000417	PASS
N4 1	30	50	DFT-16QA M	L	Outer_F ull	VN	NT	3.152687	0.001251	PASS

N4 1	30	50	DFT-64QAM	L	Outer_Full	VN	NT	-9.458062	-0.003752	PASS
N4 1	30	50	DFT-256QAM	L	Outer_Full	VN	NT	6.830823	0.002710	PASS
N4 1	30	50	CP-QPSK	L	Outer_Full	VN	NT	-0.525448	-0.000208	PASS
N4 1	30	50	CP-16QAM	L	Outer_Full	VN	NT	5.254479	0.002084	PASS
N4 1	30	50	CP-64QAM	L	Outer_Full	VN	NT	-6.830823	-0.002710	PASS
N4 1	30	50	CP-256QAM	L	Outer_Full	VN	NT	2.101792	0.000834	PASS
N4 1	30	50	DFT-PI2BPSK	M	Outer_Full	VN	NT	-1.576344	-0.000608	PASS
N4 1	30	50	DFT-QPSK	M	Outer_Full	VN	NT	5.254479	0.002026	PASS
N4 1	30	50	DFT-16QAM	M	Outer_Full	VN	NT	3.678135	0.001418	PASS
N4 1	30	50	DFT-64QAM	M	Outer_Full	VN	NT	-6.830823	-0.002634	PASS
N4 1	30	50	DFT-256QAM	M	Outer_Full	VN	NT	6.830823	0.002634	PASS
N4 1	30	50	CP-QPSK	M	Outer_Full	VN	NT	0.000000	0.000000	PASS
N4 1	30	50	CP-16QAM	M	Outer_Full	VN	NT	-2.101792	-0.000811	PASS
N4 1	30	50	CP-64QAM	M	Outer_Full	VN	NT	6.830823	0.002634	PASS
N4 1	30	50	CP-256QAM	M	Outer_Full	VN	NT	5.254479	0.002026	PASS
N4 1	30	50	DFT-PI2BPSK	H	Outer_Full	VN	NT	2.627239	0.000986	PASS
N4 1	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-3.678135	-0.001380	PASS
N4 1	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-8.407166	-0.003155	PASS
N4 1	30	50	DFT-64QAM	H	Outer_Full	VN	NT	-9.458062	-0.003549	PASS
N4 1	30	50	DFT-256QAM	H	Outer_Full	VN	NT	3.152687	0.001183	PASS
N4 1	30	50	CP-QPSK	H	Outer_Full	VN	NT	3.152687	0.001183	PASS

N4 1	30	50	CP-16QAM	H	Outer_Full	VN	NT	4.729031	0.001775	PASS
N4 1	30	50	CP-64QAM	H	Outer_Full	VN	NT	6.830823	0.002563	PASS
N4 1	30	50	CP-256QAM	H	Outer_Full	VN	NT	-1.576344	-0.000592	PASS
N4 1	30	60	DFT-PI2BPSK	L	Outer_Full	VN	NT	3.678135	0.001456	PASS
N4 1	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-7.356270	-0.002912	PASS
N4 1	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-8.407166	-0.003328	PASS
N4 1	30	60	DFT-64QAM	L	Outer_Full	VN	NT	-9.458062	-0.003744	PASS
N4 1	30	60	DFT-256QAM	L	Outer_Full	VN	NT	2.101792	0.000832	PASS
N4 1	30	60	CP-QPSK	L	Outer_Full	VN	NT	1.576344	0.000624	PASS
N4 1	30	60	CP-16QAM	L	Outer_Full	VN	NT	5.254479	0.002080	PASS
N4 1	30	60	CP-64QAM	L	Outer_Full	VN	NT	-6.305375	-0.002496	PASS
N4 1	30	60	CP-256QAM	L	Outer_Full	VN	NT	0.000000	0.000000	PASS
N4 1	30	60	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.932614	-0.003445	PASS
N4 1	30	60	DFT-QPSK	M	Outer_Full	VN	NT	1.576344	0.000608	PASS
N4 1	30	60	DFT-16QAM	M	Outer_Full	VN	NT	5.254479	0.002026	PASS
N4 1	30	60	DFT-64QAM	M	Outer_Full	VN	NT	-1.576344	-0.000608	PASS
N4 1	30	60	DFT-256QAM	M	Outer_Full	VN	NT	1.050896	0.000405	PASS
N4 1	30	60	CP-QPSK	M	Outer_Full	VN	NT	-0.525448	-0.000203	PASS
N4 1	30	60	CP-16QAM	M	Outer_Full	VN	NT	3.152687	0.001216	PASS
N4 1	30	60	CP-64QAM	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	60	CP-256QAM	M	Outer_Full	VN	NT	-2.101792	-0.000811	PASS

N4 1	30	60	DFT-PI2B PSK	H	Outer_F ull	VN	NT	0.000000	0.000000	PASS
N4 1	30	60	DFT-QPSK	H	Outer_F ull	VN	NT	-1.576344	-0.000593	PASS
N4 1	30	60	DFT-16QA M	H	Outer_F ull	VN	NT	-9.458062	-0.003556	PASS
N4 1	30	60	DFT-64QA M	H	Outer_F ull	VN	NT	-1.576344	-0.000593	PASS
N4 1	30	60	DFT-256Q AM	H	Outer_F ull	VN	NT	-4.203583	-0.001580	PASS
N4 1	30	60	CP-QPSK	H	Outer_F ull	VN	NT	-1.576344	-0.000593	PASS
N4 1	30	60	CP-16QA M	H	Outer_F ull	VN	NT	-8.407166	-0.003161	PASS
N4 1	30	60	CP-64QA M	H	Outer_F ull	VN	NT	2.101792	0.000790	PASS
N4 1	30	60	CP-256QA M	H	Outer_F ull	VN	NT	6.305375	0.002370	PASS
N4 1	30	80	DFT-PI2B PSK	L	Outer_F ull	VN	NT	-9.458062	-0.003729	PASS
N4 1	30	80	DFT-QPSK	L	Outer_F ull	VN	NT	-9.458062	-0.003729	PASS
N4 1	30	80	DFT-16QA M	L	Outer_F ull	VN	NT	3.152687	0.001243	PASS
N4 1	30	80	DFT-64QA M	L	Outer_F ull	VN	NT	1.576344	0.000622	PASS
N4 1	30	80	DFT-256Q AM	L	Outer_F ull	VN	NT	-2.101792	-0.000829	PASS
N4 1	30	80	CP-QPSK	L	Outer_F ull	VN	NT	-8.407166	-0.003315	PASS
N4 1	30	80	CP-16QA M	L	Outer_F ull	VN	NT	-4.729031	-0.001865	PASS
N4 1	30	80	CP-64QA M	L	Outer_F ull	VN	NT	5.254479	0.002072	PASS
N4 1	30	80	CP-256QA M	L	Outer_F ull	VN	NT	-5.254479	-0.002072	PASS
N4 1	30	80	DFT-PI2B PSK	M	Outer_F ull	VN	NT	-9.458062	-0.003648	PASS
N4 1	30	80	DFT-QPSK	M	Outer_F ull	VN	NT	-9.983510	-0.003850	PASS
N4 1	30	80	DFT-16QA M	M	Outer_F ull	VN	NT	-3.678135	-0.001418	PASS

N4 1	30	80	DFT-64QAM	M	Outer_Full	VN	NT	-8.407166	-0.003242	PASS
N4 1	30	80	DFT-256QAM	M	Outer_Full	VN	NT	-2.627239	-0.001013	PASS
N4 1	30	80	CP-QPSK	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	80	CP-16QAM	M	Outer_Full	VN	NT	-8.407166	-0.003242	PASS
N4 1	30	80	CP-64QAM	M	Outer_Full	VN	NT	5.779927	0.002229	PASS
N4 1	30	80	CP-256QAM	M	Outer_Full	VN	NT	3.152687	0.001216	PASS
N4 1	30	80	DFT-PI2BPSK	H	Outer_Full	VN	NT	3.152687	0.001190	PASS
N4 1	30	80	DFT-QPSK	H	Outer_Full	VN	NT	6.305375	0.002379	PASS
N4 1	30	80	DFT-16QAM	H	Outer_Full	VN	NT	0.000000	0.000000	PASS
N4 1	30	80	DFT-64QAM	H	Outer_Full	VN	NT	6.830823	0.002578	PASS
N4 1	30	80	DFT-256QAM	H	Outer_Full	VN	NT	-6.830823	-0.002578	PASS
N4 1	30	80	CP-QPSK	H	Outer_Full	VN	NT	6.830823	0.002578	PASS
N4 1	30	80	CP-16QAM	H	Outer_Full	VN	NT	-5.254479	-0.001983	PASS
N4 1	30	80	CP-64QAM	H	Outer_Full	VN	NT	-8.932614	-0.003371	PASS
N4 1	30	80	CP-256QAM	H	Outer_Full	VN	NT	0.525448	0.000198	PASS
N4 1	30	90	DFT-PI2BPSK	L	Outer_Full	VN	NT	-8.407166	-0.003309	PASS
N4 1	30	90	DFT-QPSK	L	Outer_Full	VN	NT	2.627239	0.001034	PASS
N4 1	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-0.525448	-0.000207	PASS
N4 1	30	90	DFT-64QAM	L	Outer_Full	VN	NT	-5.779927	-0.002275	PASS
N4 1	30	90	DFT-256QAM	L	Outer_Full	VN	NT	6.830823	0.002688	PASS
N4 1	30	90	CP-QPSK	L	Outer_Full	VN	NT	-3.152687	-0.001241	PASS

N4 1	30	90	CP-16QAM	L	Outer_Full	VN	NT	-6.830823	-0.002688	PASS
N4 1	30	90	CP-64QAM	L	Outer_Full	VN	NT	1.576344	0.000620	PASS
N4 1	30	90	CP-256QAM	L	Outer_Full	VN	NT	6.830823	0.002688	PASS
N4 1	30	90	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-3.152687	-0.001216	PASS
N4 1	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-3.152687	-0.001216	PASS
N4 1	30	90	DFT-64QAM	M	Outer_Full	VN	NT	-4.203583	-0.001621	PASS
N4 1	30	90	DFT-256QAM	M	Outer_Full	VN	NT	4.203583	0.001621	PASS
N4 1	30	90	CP-QPSK	M	Outer_Full	VN	NT	2.101792	0.000811	PASS
N4 1	30	90	CP-16QAM	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	90	CP-64QAM	M	Outer_Full	VN	NT	-1.576344	-0.000608	PASS
N4 1	30	90	CP-256QAM	M	Outer_Full	VN	NT	-1.576344	-0.000608	PASS
N4 1	30	90	DFT-PI2BPSK	H	Outer_Full	VN	NT	-5.254479	-0.001987	PASS
N4 1	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-5.254479	-0.001987	PASS
N4 1	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-2.101792	-0.000795	PASS
N4 1	30	90	DFT-64QAM	H	Outer_Full	VN	NT	0.525448	0.000199	PASS
N4 1	30	90	DFT-256QAM	H	Outer_Full	VN	NT	-7.356270	-0.002781	PASS
N4 1	30	90	CP-QPSK	H	Outer_Full	VN	NT	1.576344	0.000596	PASS
N4 1	30	90	CP-16QAM	H	Outer_Full	VN	NT	-1.050896	-0.000397	PASS
N4 1	30	90	CP-64QAM	H	Outer_Full	VN	NT	-8.932614	-0.003377	PASS
N4 1	30	90	CP-256QAM	H	Outer_Full	VN	NT	-2.627239	-0.000993	PASS

N4 1	30	100	DFT-PI2B PSK	L	Outer_F ull	VN	NT	-1.576344	-0.000619	PASS
N4 1	30	100	DFT-QPSK	L	Outer_F ull	VN	NT	4.203583	0.001651	PASS
N4 1	30	100	DFT-16QA M	L	Outer_F ull	VN	NT	-7.881718	-0.003096	PASS
N4 1	30	100	DFT-64QA M	L	Outer_F ull	VN	NT	-7.356270	-0.002889	PASS
N4 1	30	100	DFT-256Q AM	L	Outer_F ull	VN	NT	3.678135	0.001445	PASS
N4 1	30	100	CP-QPSK	L	Outer_F ull	VN	NT	-6.305375	-0.002477	PASS
N4 1	30	100	CP-16QA M	L	Outer_F ull	VN	NT	-1.576344	-0.000619	PASS
N4 1	30	100	CP-64QA M	L	Outer_F ull	VN	NT	-7.881718	-0.003096	PASS
N4 1	30	100	CP-256QA M	L	Outer_F ull	VN	NT	2.101792	0.000826	PASS
N4 1	30	100	DFT-PI2B PSK	M	Outer_F ull	VN	NT	3.678135	0.001418	PASS
N4 1	30	100	DFT-QPSK	M	Outer_F ull	VN	NT	0.000000	0.000000	PASS
N4 1	30	100	DFT-16QA M	M	Outer_F ull	VN	NT	-3.678135	-0.001418	PASS
N4 1	30	100	DFT-64QA M	M	Outer_F ull	VN	NT	-7.356270	-0.002837	PASS
N4 1	30	100	DFT-256Q AM	M	Outer_F ull	VN	NT	-4.729031	-0.001824	PASS
N4 1	30	100	CP-QPSK	M	Outer_F ull	VN	NT	5.779927	0.002229	PASS
N4 1	30	100	CP-16QA M	M	Outer_F ull	VN	NT	-0.525448	-0.000203	PASS
N4 1	30	100	CP-64QA M	M	Outer_F ull	VN	NT	-1.576344	-0.000608	PASS
N4 1	30	100	CP-256QA M	M	Outer_F ull	VN	NT	4.203583	0.001621	PASS
N4 1	30	100	DFT-PI2B PSK	H	Outer_F ull	VN	NT	-2.101792	-0.000796	PASS
N4 1	30	100	DFT-QPSK	H	Outer_F ull	VN	NT	-5.254479	-0.001990	PASS
N4 1	30	100	DFT-16QA M	H	Outer_F ull	VN	NT	-0.525448	-0.000199	PASS

N4 1	30	100	DFT-64QAM	H	Outer_Full	VN	NT	-1.050896	-0.000398	PASS
N4 1	30	100	DFT-256QAM	H	Outer_Full	VN	NT	3.152687	0.001194	PASS
N4 1	30	100	CP-QPSK	H	Outer_Full	VN	NT	3.152687	0.001194	PASS
N4 1	30	100	CP-16QAM	H	Outer_Full	VN	NT	-2.627239	-0.000995	PASS
N4 1	30	100	CP-64QAM	H	Outer_Full	VN	NT	4.729031	0.001791	PASS
N4 1	30	100	CP-256QAM	H	Outer_Full	VN	NT	-3.152687	-0.001194	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation(ppm)	Verdict
N4 1	30	20	DFT-PI2BPSK	L	Outer_Full	VN	NT	-7.356270	-0.002935	PASS
N4 1	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-1.050896	-0.000419	PASS
N4 1	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-6.830823	-0.002726	PASS
N4 1	30	20	DFT-64QAM	L	Outer_Full	VN	NT	5.254479	0.002097	PASS
N4 1	30	20	DFT-256QAM	L	Outer_Full	VN	NT	-3.678135	-0.001468	PASS
N4 1	30	20	CP-QPSK	L	Outer_Full	VN	NT	-9.458062	-0.003774	PASS
N4 1	30	20	CP-16QAM	L	Outer_Full	VN	NT	0.000000	0.000000	PASS
N4 1	30	20	CP-64QAM	L	Outer_Full	VN	NT	-4.729031	-0.001887	PASS
N4 1	30	20	CP-256QAM	L	Outer_Full	VN	NT	-0.525448	-0.000210	PASS
N4 1	30	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	5.779927	0.002229	PASS

N4 1	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-9.983510	-0.003850	PASS
N4 1	30	20	DFT-16QA M	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	20	DFT-64QA M	M	Outer_Full	VN	NT	-6.830823	-0.002634	PASS
N4 1	30	20	DFT-256Q AM	M	Outer_Full	VN	NT	3.678135	0.001418	PASS
N4 1	30	20	CP-QPSK	M	Outer_Full	VN	NT	6.830823	0.002634	PASS
N4 1	30	20	CP-16QA M	M	Outer_Full	VN	NT	-0.525448	-0.000203	PASS
N4 1	30	20	CP-64QA M	M	Outer_Full	VN	NT	-8.932614	-0.003445	PASS
N4 1	30	20	CP-256QA M	M	Outer_Full	VN	NT	-1.050896	-0.000405	PASS
N4 1	30	20	DFT-PI2B PSK	H	Outer_Full	VN	NT	-0.525448	-0.000196	PASS
N4 1	30	20	DFT-QPSK	H	Outer_Full	VN	NT	6.305375	0.002353	PASS
N4 1	30	20	DFT-16QA M	H	Outer_Full	VN	NT	-7.356270	-0.002745	PASS
N4 1	30	20	DFT-64QA M	H	Outer_Full	VN	NT	3.152687	0.001176	PASS
N4 1	30	20	DFT-256Q AM	H	Outer_Full	VN	NT	-8.407166	-0.003137	PASS
N4 1	30	20	CP-QPSK	H	Outer_Full	VN	NT	-3.152687	-0.001176	PASS
N4 1	30	20	CP-16QA M	H	Outer_Full	VN	NT	-6.305375	-0.002353	PASS
N4 1	30	20	CP-64QA M	H	Outer_Full	VN	NT	-8.932614	-0.003333	PASS
N4 1	30	20	CP-256QA M	H	Outer_Full	VN	NT	-0.525448	-0.000196	PASS
N4 1	30	40	DFT-PI2B PSK	L	Outer_Full	VN	NT	5.779927	0.002297	PASS
N4 1	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-4.729031	-0.001880	PASS
N4 1	30	40	DFT-16QA M	L	Outer_Full	VN	NT	4.203583	0.001671	PASS
N4 1	30	40	DFT-64QA M	L	Outer_Full	VN	NT	5.254479	0.002088	PASS

N4 1	30	40	DFT-256Q AM	L	Outer_Full	VN	NT	5.254479	0.002088	PASS
N4 1	30	40	CP-QPSK	L	Outer_Full	VN	NT	1.576344	0.000627	PASS
N4 1	30	40	CP-16QA M	L	Outer_Full	VN	NT	3.152687	0.001253	PASS
N4 1	30	40	CP-64QA M	L	Outer_Full	VN	NT	6.305375	0.002506	PASS
N4 1	30	40	CP-256QA M	L	Outer_Full	VN	NT	2.101792	0.000835	PASS
N4 1	30	40	DFT-PI2B PSK	M	Outer_Full	VN	NT	-6.305375	-0.002432	PASS
N4 1	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-2.101792	-0.000811	PASS
N4 1	30	40	DFT-16QA M	M	Outer_Full	VN	NT	-6.305375	-0.002432	PASS
N4 1	30	40	DFT-64QA M	M	Outer_Full	VN	NT	-6.305375	-0.002432	PASS
N4 1	30	40	DFT-256Q AM	M	Outer_Full	VN	NT	2.101792	0.000811	PASS
N4 1	30	40	CP-QPSK	M	Outer_Full	VN	NT	3.152687	0.001216	PASS
N4 1	30	40	CP-16QA M	M	Outer_Full	VN	NT	0.525448	0.000203	PASS
N4 1	30	40	CP-64QA M	M	Outer_Full	VN	NT	-8.932614	-0.003445	PASS
N4 1	30	40	CP-256QA M	M	Outer_Full	VN	NT	-5.254479	-0.002026	PASS
N4 1	30	40	DFT-PI2B PSK	H	Outer_Full	VN	NT	3.152687	0.001181	PASS
N4 1	30	40	DFT-QPSK	H	Outer_Full	VN	NT	4.729031	0.001771	PASS
N4 1	30	40	DFT-16QA M	H	Outer_Full	VN	NT	0.525448	0.000197	PASS
N4 1	30	40	DFT-64QA M	H	Outer_Full	VN	NT	-3.678135	-0.001378	PASS
N4 1	30	40	DFT-256Q AM	H	Outer_Full	VN	NT	-3.678135	-0.001378	PASS
N4 1	30	40	CP-QPSK	H	Outer_Full	VN	NT	-3.678135	-0.001378	PASS
N4 1	30	40	CP-16QA M	H	Outer_Full	VN	NT	3.678135	0.001378	PASS

N4 1	30	40	CP-64QA M	H	Outer_Full	VN	NT	3.678135	0.001378	PASS
N4 1	30	40	CP-256QA M	H	Outer_Full	VN	NT	-9.983510	-0.003739	PASS
N4 1	30	50	DFT-PI2B PSK	L	Outer_Full	VN	NT	2.101792	0.000834	PASS
N4 1	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-7.356270	-0.002918	PASS
N4 1	30	50	DFT-16QA M	L	Outer_Full	VN	NT	-9.983510	-0.003960	PASS
N4 1	30	50	DFT-64QA M	L	Outer_Full	VN	NT	-5.779927	-0.002293	PASS
N4 1	30	50	DFT-256Q AM	L	Outer_Full	VN	NT	-9.458062	-0.003752	PASS
N4 1	30	50	CP-QPSK	L	Outer_Full	VN	NT	-7.881718	-0.003126	PASS
N4 1	30	50	CP-16QA M	L	Outer_Full	VN	NT	-5.254479	-0.002084	PASS
N4 1	30	50	CP-64QA M	L	Outer_Full	VN	NT	4.729031	0.001876	PASS
N4 1	30	50	CP-256QA M	L	Outer_Full	VN	NT	-4.203583	-0.001667	PASS
N4 1	30	50	DFT-PI2B PSK	M	Outer_Full	VN	NT	-4.203583	-0.001621	PASS
N4 1	30	50	DFT-QPSK	M	Outer_Full	VN	NT	1.050896	0.000405	PASS
N4 1	30	50	DFT-16QA M	M	Outer_Full	VN	NT	2.627239	0.001013	PASS
N4 1	30	50	DFT-64QA M	M	Outer_Full	VN	NT	-8.932614	-0.003445	PASS
N4 1	30	50	DFT-256Q AM	M	Outer_Full	VN	NT	1.576344	0.000608	PASS
N4 1	30	50	CP-QPSK	M	Outer_Full	VN	NT	0.000000	0.000000	PASS
N4 1	30	50	CP-16QA M	M	Outer_Full	VN	NT	6.830823	0.002634	PASS
N4 1	30	50	CP-64QA M	M	Outer_Full	VN	NT	5.254479	0.002026	PASS
N4 1	30	50	CP-256QA M	M	Outer_Full	VN	NT	-6.830823	-0.002634	PASS
N4 1	30	50	DFT-PI2B PSK	H	Outer_Full	VN	NT	-1.050896	-0.000394	PASS
N4	30	50	DFT-QPSK	H	Outer_Full	VN	NT	3.678135	0.001380	PASS

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N4 1	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-4.203583	-0.001577	PASS
N4 1	30	50	DFT-64QAM	H	Outer_Full	VN	NT	-0.525448	-0.000197	PASS
N4 1	30	50	DFT-256QAM	H	Outer_Full	VN	NT	1.050896	0.000394	PASS
N4 1	30	50	CP-QPSK	H	Outer_Full	VN	NT	-8.407166	-0.003155	PASS
N4 1	30	50	CP-16QAM	H	Outer_Full	VN	NT	-4.729031	-0.001775	PASS
N4 1	30	50	CP-64QAM	H	Outer_Full	VN	NT	5.779927	0.002169	PASS
N4 1	30	50	CP-256QAM	H	Outer_Full	VN	NT	2.627239	0.000986	PASS
N4 1	30	60	DFT-PI2BPSK	L	Outer_Full	VN	NT	-8.932614	-0.003536	PASS
N4 1	30	60	DFT-QPSK	L	Outer_Full	VN	NT	4.729031	0.001872	PASS
N4 1	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-6.830823	-0.002704	PASS
N4 1	30	60	DFT-64QAM	L	Outer_Full	VN	NT	-4.729031	-0.001872	PASS
N4 1	30	60	DFT-256QAM	L	Outer_Full	VN	NT	6.830823	0.002704	PASS
N4 1	30	60	CP-QPSK	L	Outer_Full	VN	NT	-4.729031	-0.001872	PASS
N4 1	30	60	CP-16QAM	L	Outer_Full	VN	NT	-9.458062	-0.003744	PASS
N4 1	30	60	CP-64QAM	L	Outer_Full	VN	NT	-9.983510	-0.003952	PASS
N4 1	30	60	CP-256QAM	L	Outer_Full	VN	NT	-7.881718	-0.003120	PASS
N4 1	30	60	DFT-PI2BPSK	M	Outer_Full	VN	NT	1.050896	0.000405	PASS
N4 1	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-5.779927	-0.002229	PASS
N4 1	30	60	DFT-16QAM	M	Outer_Full	VN	NT	1.576344	0.000608	PASS
N4 1	30	60	DFT-64QAM	M	Outer_Full	VN	NT	-4.729031	-0.001824	PASS
N4 1	30	60	DFT-256QAM	M	Outer_Full	VN	NT	1.050896	0.000405	PASS

N4 1	30	60	CP-QPSK	M	Outer_Full	VN	NT	3.152687	0.001216	PASS
N4 1	30	60	CP-16QA M	M	Outer_Full	VN	NT	-5.779927	-0.002229	PASS
N4 1	30	60	CP-64QA M	M	Outer_Full	VN	NT	-3.152687	-0.001216	PASS
N4 1	30	60	CP-256QA M	M	Outer_Full	VN	NT	4.729031	0.001824	PASS
N4 1	30	60	DFT-PI2B PSK	H	Outer_Full	VN	NT	2.101792	0.000790	PASS
N4 1	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-5.779927	-0.002173	PASS
N4 1	30	60	DFT-16QA M	H	Outer_Full	VN	NT	1.050896	0.000395	PASS
N4 1	30	60	DFT-64QA M	H	Outer_Full	VN	NT	-8.407166	-0.003161	PASS
N4 1	30	60	DFT-256Q AM	H	Outer_Full	VN	NT	-3.152687	-0.001185	PASS
N4 1	30	60	CP-QPSK	H	Outer_Full	VN	NT	1.050896	0.000395	PASS
N4 1	30	60	CP-16QA M	H	Outer_Full	VN	NT	0.525448	0.000198	PASS
N4 1	30	60	CP-64QA M	H	Outer_Full	VN	NT	4.729031	0.001778	PASS
N4 1	30	60	CP-256QA M	H	Outer_Full	VN	NT	-3.678135	-0.001383	PASS
N4 1	30	80	DFT-PI2B PSK	L	Outer_Full	VN	NT	-3.678135	-0.001450	PASS
N4 1	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-9.458062	-0.003729	PASS
N4 1	30	80	DFT-16QA M	L	Outer_Full	VN	NT	1.576344	0.000622	PASS
N4 1	30	80	DFT-64QA M	L	Outer_Full	VN	NT	4.203583	0.001658	PASS
N4 1	30	80	DFT-256Q AM	L	Outer_Full	VN	NT	5.779927	0.002279	PASS
N4 1	30	80	CP-QPSK	L	Outer_Full	VN	NT	0.525448	0.000207	PASS
N4 1	30	80	CP-16QA M	L	Outer_Full	VN	NT	-3.678135	-0.001450	PASS
N4 1	30	80	CP-64QA M	L	Outer_Full	VN	NT	-4.729031	-0.001865	PASS

N4 1	30	80	CP-256QA M	L	Outer_Full	VN	NT	-6.830823	-0.002694	PASS
N4 1	30	80	DFT-PI2B PSK	M	Outer_Full	VN	NT	-3.152687	-0.001216	PASS
N4 1	30	80	DFT-QPSK	M	Outer_Full	VN	NT	6.830823	0.002634	PASS
N4 1	30	80	DFT-16QA M	M	Outer_Full	VN	NT	6.305375	0.002432	PASS
N4 1	30	80	DFT-64QA M	M	Outer_Full	VN	NT	-8.407166	-0.003242	PASS
N4 1	30	80	DFT-256Q AM	M	Outer_Full	VN	NT	-1.050896	-0.000405	PASS
N4 1	30	80	CP-QPSK	M	Outer_Full	VN	NT	-5.779927	-0.002229	PASS
N4 1	30	80	CP-16QA M	M	Outer_Full	VN	NT	5.779927	0.002229	PASS
N4 1	30	80	CP-64QA M	M	Outer_Full	VN	NT	-2.627239	-0.001013	PASS
N4 1	30	80	CP-256QA M	M	Outer_Full	VN	NT	3.678135	0.001418	PASS
N4 1	30	80	DFT-PI2B PSK	H	Outer_Full	VN	NT	4.729031	0.001785	PASS
N4 1	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-6.830823	-0.002578	PASS
N4 1	30	80	DFT-16QA M	H	Outer_Full	VN	NT	-2.627239	-0.000991	PASS
N4 1	30	80	DFT-64QA M	H	Outer_Full	VN	NT	-1.050896	-0.000397	PASS
N4 1	30	80	DFT-256Q AM	H	Outer_Full	VN	NT	1.576344	0.000595	PASS
N4 1	30	80	CP-QPSK	H	Outer_Full	VN	NT	1.576344	0.000595	PASS
N4 1	30	80	CP-16QA M	H	Outer_Full	VN	NT	2.101792	0.000793	PASS
N4 1	30	80	CP-64QA M	H	Outer_Full	VN	NT	2.627239	0.000991	PASS
N4 1	30	80	CP-256QA M	H	Outer_Full	VN	NT	3.678135	0.001388	PASS
N4 1	30	90	DFT-PI2B PSK	L	Outer_Full	VN	NT	-8.407166	-0.003309	PASS
N4 1	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-4.203583	-0.001654	PASS

N4 1	30	90	DFT-16QAM	L	Outer_Full	VN	NT	4.729031	0.001861	PASS
N4 1	30	90	DFT-64QAM	L	Outer_Full	VN	NT	6.305375	0.002481	PASS
N4 1	30	90	DFT-256QAM	L	Outer_Full	VN	NT	-1.576344	-0.000620	PASS
N4 1	30	90	CP-QPSK	L	Outer_Full	VN	NT	0.525448	0.000207	PASS
N4 1	30	90	CP-16QAM	L	Outer_Full	VN	NT	3.152687	0.001241	PASS
N4 1	30	90	CP-64QAM	L	Outer_Full	VN	NT	2.627239	0.001034	PASS
N4 1	30	90	CP-256QAM	L	Outer_Full	VN	NT	-1.050896	-0.000414	PASS
N4 1	30	90	DFT-PI2BPSK	M	Outer_Full	VN	NT	-1.050896	-0.000405	PASS
N4 1	30	90	DFT-QPSK	M	Outer_Full	VN	NT	3.678135	0.001418	PASS
N4 1	30	90	DFT-16QAM	M	Outer_Full	VN	NT	2.101792	0.000811	PASS
N4 1	30	90	DFT-64QAM	M	Outer_Full	VN	NT	-0.525448	-0.000203	PASS
N4 1	30	90	DFT-256QAM	M	Outer_Full	VN	NT	-4.203583	-0.001621	PASS
N4 1	30	90	CP-QPSK	M	Outer_Full	VN	NT	6.305375	0.002432	PASS
N4 1	30	90	CP-16QAM	M	Outer_Full	VN	NT	-8.932614	-0.003445	PASS
N4 1	30	90	CP-64QAM	M	Outer_Full	VN	NT	-0.525448	-0.000203	PASS
N4 1	30	90	CP-256QAM	M	Outer_Full	VN	NT	-9.458062	-0.003648	PASS
N4 1	30	90	DFT-PI2BPSK	H	Outer_Full	VN	NT	0.525448	0.000199	PASS
N4 1	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-4.729031	-0.001788	PASS
N4 1	30	90	DFT-16QAM	H	Outer_Full	VN	NT	5.779927	0.002185	PASS
N4 1	30	90	DFT-64QAM	H	Outer_Full	VN	NT	0.525448	0.000199	PASS
N4 1	30	90	DFT-256QAM	H	Outer_Full	VN	NT	6.830823	0.002583	PASS

N4 1	30	90	CP-QPSK	H	Outer_Full	VN	NT	-6.305375	-0.002384	PASS
N4 1	30	90	CP-16QAM	H	Outer_Full	VN	NT	-8.407166	-0.003179	PASS
N4 1	30	90	CP-64QAM	H	Outer_Full	VN	NT	2.627239	0.000993	PASS
N4 1	30	90	CP-256QAM	H	Outer_Full	VN	NT	4.729031	0.001788	PASS
N4 1	30	100	DFT-PI2BPSK	L	Outer_Full	VN	NT	3.678135	0.001445	PASS
N4 1	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-4.203583	-0.001651	PASS
N4 1	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-2.101792	-0.000826	PASS
N4 1	30	100	DFT-64QAM	L	Outer_Full	VN	NT	-5.254479	-0.002064	PASS
N4 1	30	100	DFT-256QAM	L	Outer_Full	VN	NT	-7.356270	-0.002889	PASS
N4 1	30	100	CP-QPSK	L	Outer_Full	VN	NT	4.203583	0.001651	PASS
N4 1	30	100	CP-16QAM	L	Outer_Full	VN	NT	6.305375	0.002477	PASS
N4 1	30	100	CP-64QAM	L	Outer_Full	VN	NT	-6.830823	-0.002683	PASS
N4 1	30	100	CP-256QAM	L	Outer_Full	VN	NT	6.830823	0.002683	PASS
N4 1	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	2.627239	0.001013	PASS
N4 1	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-7.881718	-0.003040	PASS
N4 1	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-9.458062	-0.003648	PASS
N4 1	30	100	DFT-64QAM	M	Outer_Full	VN	NT	2.101792	0.000811	PASS
N4 1	30	100	DFT-256QAM	M	Outer_Full	VN	NT	1.576344	0.000608	PASS
N4 1	30	100	CP-QPSK	M	Outer_Full	VN	NT	5.779927	0.002229	PASS
N4 1	30	100	CP-16QAM	M	Outer_Full	VN	NT	-2.101792	-0.000811	PASS
N4 1	30	100	CP-64QAM	M	Outer_Full	VN	NT	-2.627239	-0.001013	PASS

N4 1	30	100	CP-256QAM	M	Outer_Full	VN	NT	1.050896	0.000405	PASS
N4 1	30	100	DFT-PI2BPSK	H	Outer_Full	VN	NT	-2.627239	-0.000995	PASS
N4 1	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-7.356270	-0.002786	PASS
N4 1	30	100	DFT-16QAM	H	Outer_Full	VN	NT	3.152687	0.001194	PASS
N4 1	30	100	DFT-64QAM	H	Outer_Full	VN	NT	-9.458062	-0.003583	PASS
N4 1	30	100	DFT-256QAM	H	Outer_Full	VN	NT	3.678135	0.001393	PASS
N4 1	30	100	CP-QPSK	H	Outer_Full	VN	NT	-7.881718	-0.002985	PASS
N4 1	30	100	CP-16QAM	H	Outer_Full	VN	NT	3.152687	0.001194	PASS
N4 1	30	100	CP-64QAM	H	Outer_Full	VN	NT	-3.678135	-0.001393	PASS
N4 1	30	100	CP-256QAM	H	Outer_Full	VN	NT	-7.356270	-0.002786	PASS