





















## 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
N2	15	5	DFT-QPSK	L	Outer_Full	VL	NT	29.72	0.02	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-2.16	0.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-70.19	-0.04	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VL	NT	6.92	0.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-5.94	0.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-4.69	0.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VL	NT	21.39	0.01	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-2.14	0.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VH	NT	70.45	0.04	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VL	NT	2.16	0.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VN	NT	98.88	0.05	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-0.13	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-1.72	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-0.28	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-0.56	0.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-20.82	-0.01	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-37.89	-0.02	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VH	NT	6.55	0.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-4.97	0.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-12.14	-0.01	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-3.78	0.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-104.21	-0.06	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VN	NT	0.38	0.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-6.11	0.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-4.81	0.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-31.76	-0.02	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-4.17	0.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VL	NT	35.49	0.02	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-1.78	0.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-2.77	0.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VL	NT	2.44	0.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-32.46	-0.02	PASS

N2	15	10	DFT-QPSK	H	Outer_Full	VH	NT	2.38	0.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VL	NT	11.15	0.01	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VN	NT	51.39	0.03	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VH	NT	16.00	0.01	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-8.17	0.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VN	NT	105.68	0.06	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VH	NT	14.56	0.01	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-4.71	0.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VN	NT	29.49	0.02	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VH	NT	64.36	0.03	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VL	NT	124.09	0.07	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VN	NT	49.35	0.03	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-6.36	0.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VL	NT	27.25	0.01	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-36.84	-0.02	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VH	NT	3.19	0.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VL	NT	87.24	0.05	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-5.50	0.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-54.59	-0.03	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-4.87	0.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-42.58	-0.02	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VH	NT	4.25	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-6.14	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-5.16	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-15.61	-0.01	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-8.32	0.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-33.10	-0.02	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-3.18	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.12	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-6.44	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-28.83	-0.02	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-1.14	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-1.14	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-109.29	-0.06	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.58	0.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-58.79	-0.03	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VH	NT	31.10	0.02	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-38.46	-0.02	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VN	NT	17.63	0.01	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-0.40	0.00	PASS

## Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-1.756854	-0.000948	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-103.379898	-0.055806	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-10	0.062643	0.000034	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	0	-5.533773	-0.002987	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	10	-3.370755	-0.001820	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	20	-9.159493	-0.004944	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	30	-5.987086	-0.003232	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	40	-5.338305	-0.002882	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	50	-4.693042	-0.002533	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-6.282973	-0.003392	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-20	19.902145	0.010743	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-3.306210	-0.001785	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	0	-4.164264	-0.002248	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	10	-3.129213	-0.001689	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	20	-3.729657	-0.002013	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	30	47.257271	0.025510	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	40	-39.154388	-0.021136	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	50	-66.610191	-0.035957	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-3.819292	-0.002032	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-2.573144	-0.001369	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-10	31.038193	0.016510	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	0	1.727214	0.000919	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	10	-26.715021	-0.014210	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	20	-0.575249	-0.000306	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	30	37.739109	0.020074	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	40	1.614032	0.000859	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	50	6.927823	0.003685	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-30	55.238285	0.029382	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-20	128.746811	0.068482	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-10	1.138062	0.000605	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	0	0.494907	0.000263	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	10	-0.445930	-0.000237	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	20	-19.475050	-0.010359	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	30	0.987140	0.000525	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	40	49.872387	0.026528	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	50	-0.651309	-0.000346	PASS

N2	15	5	DFT-QPSK	H	Outer_Full	NV	-30	17.080200	0.008954	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-20	0.663784	0.000348	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-10	0.097758	0.000051	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	0	-13.618855	-0.007140	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	10	-0.945822	-0.000496	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	20	2.909378	0.001525	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	30	0.824389	0.000432	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	40	0.749179	0.000393	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	50	141.337906	0.074096	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-30	2.181179	0.001143	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-20	0.650906	0.000341	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-10	1.936485	0.001015	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	0	16.107746	0.008444	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	10	1.373503	0.000720	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	20	1.879025	0.000985	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	30	1.533495	0.000804	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	40	0.535234	0.000281	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	50	2.807180	0.001472	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-31.743027	-0.017112	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-65.838005	-0.035492	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-0.774352	-0.000417	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	0	0.258685	0.000139	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	10	-121.478745	-0.065487	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	20	-1.040901	-0.000561	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	30	-4.216947	-0.002273	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	40	-5.157972	-0.002781	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	50	-5.411378	-0.002917	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-34.472050	-0.018583	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-5.965519	-0.003216	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-5.461725	-0.002944	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	0	103.692284	0.055899	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	10	96.664536	0.052110	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	20	-7.604435	-0.004099	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	30	-5.321786	-0.002869	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	40	-6.516041	-0.003513	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	50	-78.574905	-0.042358	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-62.920116	-0.033468	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-0.715835	-0.000381	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-0.954875	-0.000508	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	0	-4.907678	-0.002610	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	10	-5.273314	-0.002805	PASS

N2	15	10	DFT-QPSK	M	Outer_Full	NV	20	89.001198	0.047341	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	30	-2.122705	-0.001129	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	40	-4.017750	-0.002137	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	50	10.940574	0.005819	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-3.962175	-0.002108	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-3.816780	-0.002030	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-61.310322	-0.032612	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	0	-27.634083	-0.014699	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	10	-10.118154	-0.005382	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	20	16.983360	0.009034	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	30	-2.213094	-0.001177	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	40	-104.083443	-0.055364	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	50	-0.943379	-0.000502	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-22.696550	-0.011914	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-20	32.577553	0.017101	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-10	2.792556	0.001466	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	0	1.007621	0.000529	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	10	-2.440627	-0.001281	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	20	-4.203031	-0.002206	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	30	-3.988864	-0.002094	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	40	-5.494885	-0.002884	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	50	-5.229736	-0.002745	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-6.463198	-0.003393	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-20	16.260670	0.008536	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-130.041885	-0.068263	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	0	-35.210247	-0.018483	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	10	-3.681542	-0.001933	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	20	-69.167000	-0.036308	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	30	-3.128829	-0.001642	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	40	-8.123593	-0.004264	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	50	-3.599921	-0.001890	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-30	-3.321787	-0.001788	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-4.251627	-0.002289	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-10	2.634406	0.001418	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	0	-4.851093	-0.002612	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	10	-6.214611	-0.003346	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	20	41.663792	0.022430	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	30	47.318867	0.025474	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	40	-7.688039	-0.004139	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	50	-3.139803	-0.001690	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-30	10.345901	0.005570	PASS

N2	15	15	DFT-16QAM	L	Outer_Full	NV	-20	35.577179	0.019153	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-5.053275	-0.002720	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	0	-12.130379	-0.006530	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	10	69.405701	0.037365	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	20	5.080393	0.002735	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	30	-2.969936	-0.001599	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	40	-2.105347	-0.001133	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	50	-2.695832	-0.001451	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-26.268095	-0.013972	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-20	74.016533	0.039370	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-3.008568	-0.001600	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	0	-6.856376	-0.003647	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	10	-5.346972	-0.002844	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	20	-87.194962	-0.046380	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	30	-4.030739	-0.002144	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	40	-5.264765	-0.002800	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	50	-5.816653	-0.003094	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-30	48.809551	0.025963	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-3.540946	-0.001883	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-10	57.319515	0.030489	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	0	-2.593638	-0.001380	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	10	-5.357704	-0.002850	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	20	-54.835430	-0.029168	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	30	-105.003388	-0.055853	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	40	-89.523735	-0.047619	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	50	-2.972101	-0.001581	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-115.730766	-0.060831	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-4.522526	-0.002377	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-18.503366	-0.009726	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	0	83.125847	0.043693	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	10	-2.861806	-0.001504	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	20	-21.721312	-0.011417	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	30	-3.603817	-0.001894	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	40	-4.744863	-0.002494	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	50	45.862450	0.024106	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-2.499546	-0.001314	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-20	2.656603	0.001396	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-3.222914	-0.001694	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	0	-3.122354	-0.001641	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	10	-3.564424	-0.001874	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	20	-1.669060	-0.000877	PASS

N2	15	15	DFT-16QAM	H	Outer_Full	NV	30	21.599773	0.011353	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	40	-1.791373	-0.000942	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	50	-4.058460	-0.002133	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-30	117.599297	0.063225	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-20	71.117546	0.038235	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-3.772974	-0.002028	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	0	-30.193121	-0.016233	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	10	-1.657685	-0.000891	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	20	-1.622102	-0.000872	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	30	-2.328573	-0.001252	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	40	73.541428	0.039538	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	50	-2.312957	-0.001244	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-58.777451	-0.031601	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-3.716986	-0.001998	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-10	57.701908	0.031023	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	0	-3.334924	-0.001793	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	10	-1.211444	-0.000651	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	20	-4.222657	-0.002270	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	30	97.674690	0.052513	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	40	76.403938	0.041077	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	50	61.813587	0.033233	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-38.619396	-0.020542	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-6.293134	-0.003347	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-4.923613	-0.002619	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	0	-46.463577	-0.024715	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	10	-3.367958	-0.001791	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	20	-2.479347	-0.001319	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	30	55.316139	0.029423	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	40	-24.577557	-0.013073	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	50	-78.836662	-0.041934	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-1.449235	-0.000771	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-20	51.203438	0.027236	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-2.223951	-0.001183	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	0	-1.568094	-0.000834	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	10	-93.145508	-0.049545	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	20	-0.377730	-0.000201	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	30	-31.608337	-0.016813	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	40	-1.790375	-0.000952	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	50	-33.094563	-0.017603	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-30	0.409805	0.000216	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-20	209.110718	0.110058	PASS



N2	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-2.628168	-0.001383	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	0	-2.634575	-0.001387	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	10	-2.746527	-0.001446	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	20	-20.084469	-0.010571	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	30	0.684380	0.000360	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	40	-143.628922	-0.075594	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	50	-2.182262	-0.001149	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-1.760512	-0.000927	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-20	62.419945	0.032853	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-1.476044	-0.000777	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	0	-17.345087	-0.009129	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	10	34.502216	0.018159	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	20	-1.361802	-0.000717	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	30	14.378295	0.007568	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	40	1.129467	0.000594	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	50	-22.111870	-0.011638	PASS