























## 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
N66	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-103.87	-0.06	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	VN	NT	0.16	0.00	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-84.48	-0.05	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	VL	NT	43.26	0.03	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	VN	NT	42.82	0.03	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-2.62	0.00	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-1.00	0.00	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VN	NT	68.63	0.04	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-2.00	0.00	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	VL	NT	0.80	0.00	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-0.83	0.00	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	VH	NT	0.66	0.00	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	VL	NT	0.55	0.00	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	VN	NT	0.16	0.00	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-0.08	0.00	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	VL	NT	0.61	0.00	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	VN	NT	0.27	0.00	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	VH	NT	1.50	0.00	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	VL	NT	48.66	0.03	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-3.71	0.00	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-3.96	0.00	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-9.74	-0.01	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	VN	NT	117.48	0.07	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	VH	NT	50.73	0.03	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-31.86	-0.02	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VN	NT	0.61	0.00	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VH	NT	0.57	0.00	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-6.90	0.00	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	VN	NT	120.86	0.07	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	VH	NT	133.86	0.08	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	VL	NT	31.37	0.02	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	VN	NT	3.81	0.00	PASS

N66	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-0.24	0.00	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	VL	NT	0.35	0.00	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	VN	NT	12.23	0.01	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	VH	NT	12.69	0.01	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-4.42	0.00	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-4.23	0.00	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	VH	NT	7.92	0.00	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-35.84	-0.02	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	VN	NT	-42.22	-0.02	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-0.31	0.00	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-4.89	0.00	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-2.28	0.00	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-2.66	0.00	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-29.40	-0.02	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-73.18	-0.04	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	VH	NT	39.75	0.02	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	VL	NT	-56.28	-0.03	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-29.81	-0.02	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-58.62	-0.03	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	VL	NT	17.83	0.01	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	VN	NT	45.24	0.03	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-3.01	0.00	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VL	NT	92.96	0.05	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VN	NT	2.22	0.00	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VH	NT	89.32	0.05	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-58.04	-0.03	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	VN	NT	74.49	0.04	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-7.74	0.00	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-0.88	0.00	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VN	NT	38.66	0.02	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-0.59	0.00	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-116.96	-0.07	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-163.11	-0.09	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-136.22	-0.08	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-38.89	-0.02	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-5.35	0.00	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-7.42	0.00	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-27.13	-0.02	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	VN	NT	15.12	0.01	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	VH	NT	106.05	0.06	PASS

## Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-4.279854	-0.002499	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-3.157939	-0.001844	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-31.556475	-0.018427	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	0	-14.719268	-0.008595	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	10	77.435524	0.045218	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	20	2.140938	0.001250	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	30	0.656953	0.000384	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	40	1.769802	0.001033	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	NV	50	-13.804604	-0.008061	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-0.108035	-0.000063	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-120.207825	-0.070194	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	-10	11.172438	0.006524	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	0	-1.863034	-0.001088	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	10	-1.551594	-0.000906	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	20	-1.478012	-0.000863	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	30	58.696007	0.034275	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	40	-11.251654	-0.006570	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	NV	50	-27.794529	-0.016230	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-1.356573	-0.000777	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-1.332307	-0.000763	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-1.591138	-0.000912	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	0	-79.451263	-0.045531	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	10	-0.078627	-0.000045	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	20	28.418978	0.016286	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	30	-25.643133	-0.014695	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	40	-42.264580	-0.024220	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	50	-1.409821	-0.000808	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-1.018917	-0.000584	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	-20	0.244710	0.000140	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	-10	5.336029	0.003058	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	0	-1.725311	-0.000989	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	10	0.855835	0.000490	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	20	41.030602	0.023513	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	30	-0.728866	-0.000418	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	40	-1.403970	-0.000805	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	NV	50	-103.518745	-0.059323	PASS



N66	15	5	DFT-QPSK	H	Outer_Full	NV	-30	1.533639	0.000863	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-36.054585	-0.020284	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	-10	0.074402	0.000042	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	0	0.927606	0.000522	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	10	-111.063088	-0.062483	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	20	0.512229	0.000288	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	30	1.253072	0.000705	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	40	-1.456089	-0.000819	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	50	-0.354841	-0.000200	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-0.540569	-0.000304	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-22.136314	-0.012454	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-45.895943	-0.025821	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	0	1.994235	0.001122	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	10	-15.687015	-0.008825	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	20	36.364391	0.020458	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	30	1.206833	0.000679	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	40	-42.272144	-0.023782	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	NV	50	-120.254417	-0.067654	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-4.020241	-0.002344	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-3.123885	-0.001822	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-4.174336	-0.002434	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	0	-4.058995	-0.002367	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	10	-2.956900	-0.001724	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	20	-3.306412	-0.001928	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	30	-3.603046	-0.002101	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	40	-4.789544	-0.002793	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	50	-2.901420	-0.001692	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-1.766897	-0.001030	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-4.286931	-0.002500	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	-10	0.801969	0.000468	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	0	-3.798897	-0.002215	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	10	-4.123234	-0.002404	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	20	-3.381804	-0.001972	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	30	-49.717815	-0.028990	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	40	-2.924948	-0.001706	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	NV	50	-4.457449	-0.002599	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	-30	90.998016	0.052148	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-3.939054	-0.002257	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-5.065343	-0.002903	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	0	-5.074446	-0.002908	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	10	-4.887967	-0.002801	PASS

N66	15	10	DFT-QPSK	M	Outer_Full	NV	20	72.213623	0.041383	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	30	-4.115347	-0.002358	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	40	-4.087425	-0.002342	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	50	-5.517437	-0.003162	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-28.490948	-0.016327	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-3.699075	-0.002120	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-2.212915	-0.001268	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	0	36.360088	0.020837	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	10	-4.891809	-0.002803	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	20	-2.661715	-0.001525	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	30	62.755024	0.035963	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	40	-4.249921	-0.002435	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	NV	50	-3.065884	-0.001757	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-0.304680	-0.000172	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-52.836357	-0.029767	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	-10	37.370056	0.021054	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	0	-24.562254	-0.013838	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	10	-41.467403	-0.023362	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	20	-114.373177	-0.064436	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	30	-0.574642	-0.000324	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	40	-21.183887	-0.011935	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	50	167.501328	0.094367	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	-30	20.509270	0.011555	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-0.149390	-0.000084	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	-10	13.794276	0.007771	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	0	-102.188225	-0.057571	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	10	-1.093761	-0.000616	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	20	-0.864907	-0.000487	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	30	-1.195900	-0.000674	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	40	-0.487577	-0.000275	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	NV	50	-31.239916	-0.017600	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	-30	37.394691	0.021773	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-44.359180	-0.025828	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	-10	98.030624	0.057078	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	0	-1.531967	-0.000892	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	10	-74.933960	-0.043630	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	20	31.809189	0.018521	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	30	1.560793	0.000909	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	40	-1.931413	-0.001125	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	50	-2.489526	-0.001450	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-41.174465	-0.023973	PASS

N66	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-83.587395	-0.048668	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-0.998564	-0.000581	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	0	-51.434448	-0.029947	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	10	-1.247242	-0.000726	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	20	0.343529	0.000200	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	30	0.014912	0.000009	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	40	100.198692	0.058340	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	NV	50	-0.419006	-0.000244	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-66.723068	-0.038237	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-75.418297	-0.043220	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-1.531238	-0.000878	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	0	-1.692712	-0.000970	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	10	-84.203857	-0.048254	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	20	-55.208630	-0.031638	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	30	22.102119	0.012666	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	40	-1.616217	-0.000926	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	50	68.245125	0.039109	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	-30	103.900948	0.059542	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	-20	83.673553	0.047950	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	-10	89.500175	0.051289	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	0	44.060665	0.025250	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	10	-3.873786	-0.002220	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	20	40.266987	0.023076	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	30	-1.223058	-0.000701	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	40	-4.350281	-0.002493	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	NV	50	-4.972553	-0.002850	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-9.109102	-0.005139	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	-20	12.972882	0.007319	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-37.881588	-0.021372	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	0	-66.737984	-0.037652	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	10	17.927687	0.010114	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	20	-3.274777	-0.001848	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	30	-4.429586	-0.002499	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	40	51.082054	0.028819	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	50	-3.781178	-0.002133	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-51.853249	-0.029254	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-6.015065	-0.003394	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-121.621582	-0.068616	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	0	-25.035368	-0.014124	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	10	-5.928664	-0.003345	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	20	-4.176328	-0.002356	PASS

N66	15	15	DFT-16QAM	H	Outer_Full	NV	30	-6.043232	-0.003409	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	40	-4.308178	-0.002431	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	NV	50	11.985262	0.006762	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-50.603069	-0.029420	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-0.583096	-0.000339	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-49.852512	-0.028984	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	0	18.609571	0.010820	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	10	-0.972632	-0.000565	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	20	-63.750839	-0.037064	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	30	15.004000	0.008723	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	40	15.783749	0.009177	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	50	-123.115059	-0.071579	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-0.715562	-0.000416	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-126.662064	-0.073641	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-1.560942	-0.000908	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	0	47.629360	0.027691	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	10	-0.147609	-0.000086	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	20	0.500782	0.000291	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	30	-11.014268	-0.006404	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	40	-51.828976	-0.030133	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	NV	50	0.327113	0.000190	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-30	0.030935	0.000018	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-20	1.291183	0.000740	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-64.243103	-0.036816	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	0	-4.480678	-0.002568	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	10	-17.724131	-0.010157	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	20	-70.611336	-0.040465	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	30	-5.411521	-0.003101	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	40	-4.522017	-0.002591	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	50	11.198043	0.006417	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-61.712242	-0.035365	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-27.000248	-0.015473	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-4.637092	-0.002657	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	0	-4.513661	-0.002587	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	10	-5.562124	-0.003187	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	20	-3.985255	-0.002284	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	30	0.333702	0.000191	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	40	-20.544525	-0.011773	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	NV	50	0.272768	0.000156	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-8.658250	-0.004892	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-5.873392	-0.003318	PASS



N66	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-5.795492	-0.003274	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	0	103.586426	0.058523	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	10	-64.139038	-0.036237	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	20	-4.171402	-0.002357	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	30	-5.066799	-0.002863	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	40	-45.089012	-0.025474	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	50	69.754395	0.039409	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-74.856422	-0.042292	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	-20	44.536533	0.025162	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-5.368070	-0.003033	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.220872	-0.002950	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	10	-148.566376	-0.083936	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	20	-28.293278	-0.015985	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	30	-104.980804	-0.059311	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	40	-3.599349	-0.002034	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	NV	50	5.709688	0.003226	PASS