









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
N7	15	5	CP-QPSK	L	Outer_Full	VL	NT	3.59	0.00	PASS
N7	15	5	CP-QPSK	L	Outer_Full	VN	NT	-58.57	-0.02	PASS
N7	15	5	CP-QPSK	L	Outer_Full	VH	NT	-37.18	-0.01	PASS
N7	15	5	CP-16QAM	L	Outer_Full	VL	NT	-83.60	-0.03	PASS
N7	15	5	CP-16QAM	L	Outer_Full	VN	NT	3.53	0.00	PASS
N7	15	5	CP-16QAM	L	Outer_Full	VH	NT	-23.52	-0.01	PASS
N7	15	5	CP-QPSK	M	Outer_Full	VL	NT	-1.43	0.00	PASS
N7	15	5	CP-QPSK	M	Outer_Full	VN	NT	-2.30	0.00	PASS
N7	15	5	CP-QPSK	M	Outer_Full	VH	NT	-30.04	-0.01	PASS
N7	15	5	CP-16QAM	M	Outer_Full	VL	NT	1.42	0.00	PASS
N7	15	5	CP-16QAM	M	Outer_Full	VN	NT	1.75	0.00	PASS
N7	15	5	CP-16QAM	M	Outer_Full	VH	NT	5.56	0.00	PASS
N7	15	5	CP-QPSK	H	Outer_Full	VL	NT	47.28	0.02	PASS
N7	15	5	CP-QPSK	H	Outer_Full	VN	NT	-16.22	-0.01	PASS
N7	15	5	CP-QPSK	H	Outer_Full	VH	NT	-5.45	0.00	PASS
N7	15	5	CP-16QAM	H	Outer_Full	VL	NT	-10.02	0.00	PASS
N7	15	5	CP-16QAM	H	Outer_Full	VN	NT	-3.51	0.00	PASS
N7	15	5	CP-16QAM	H	Outer_Full	VH	NT	-18.71	-0.01	PASS
N7	15	10	CP-QPSK	L	Outer_Full	VL	NT	36.40	0.01	PASS
N7	15	10	CP-QPSK	L	Outer_Full	VN	NT	-8.39	0.00	PASS
N7	15	10	CP-QPSK	L	Outer_Full	VH	NT	-4.49	0.00	PASS
N7	15	10	CP-16QAM	L	Outer_Full	VL	NT	8.34	0.00	PASS
N7	15	10	CP-16QAM	L	Outer_Full	VN	NT	9.14	0.00	PASS
N7	15	10	CP-16QAM	L	Outer_Full	VH	NT	-10.05	0.00	PASS
N7	15	10	CP-QPSK	M	Outer_Full	VL	NT	-9.24	0.00	PASS
N7	15	10	CP-QPSK	M	Outer_Full	VN	NT	103.30	0.04	PASS
N7	15	10	CP-QPSK	M	Outer_Full	VH	NT	-13.09	-0.01	PASS
N7	15	10	CP-16QAM	M	Outer_Full	VL	NT	50.43	0.02	PASS
N7	15	10	CP-16QAM	M	Outer_Full	VN	NT	51.74	0.02	PASS
N7	15	10	CP-16QAM	M	Outer_Full	VH	NT	53.56	0.02	PASS
N7	15	10	CP-QPSK	H	Outer_Full	VL	NT	13.65	0.01	PASS
N7	15	10	CP-QPSK	H	Outer_Full	VN	NT	-2.39	0.00	PASS

N7	15	10	CP-QPSK	H	Outer_Full	VH	NT	-16.70	-0.01	PASS
N7	15	10	CP-16QAM	H	Outer_Full	VL	NT	63.34	0.02	PASS
N7	15	10	CP-16QAM	H	Outer_Full	VN	NT	-40.71	-0.02	PASS
N7	15	10	CP-16QAM	H	Outer_Full	VH	NT	-10.97	0.00	PASS
N7	15	15	CP-QPSK	L	Outer_Full	VL	NT	-140.33	-0.06	PASS
N7	15	15	CP-QPSK	L	Outer_Full	VN	NT	103.22	0.04	PASS
N7	15	15	CP-QPSK	L	Outer_Full	VH	NT	7.89	0.00	PASS
N7	15	15	CP-16QAM	L	Outer_Full	VL	NT	-19.24	-0.01	PASS
N7	15	15	CP-16QAM	L	Outer_Full	VN	NT	11.21	0.00	PASS
N7	15	15	CP-16QAM	L	Outer_Full	VH	NT	14.39	0.01	PASS
N7	15	15	CP-QPSK	M	Outer_Full	VL	NT	0.77	0.00	PASS
N7	15	15	CP-QPSK	M	Outer_Full	VN	NT	-38.01	-0.01	PASS
N7	15	15	CP-QPSK	M	Outer_Full	VH	NT	-2.15	0.00	PASS
N7	15	15	CP-16QAM	M	Outer_Full	VL	NT	4.87	0.00	PASS
N7	15	15	CP-16QAM	M	Outer_Full	VN	NT	-11.66	0.00	PASS
N7	15	15	CP-16QAM	M	Outer_Full	VH	NT	-5.30	0.00	PASS
N7	15	15	CP-QPSK	H	Outer_Full	VL	NT	-17.19	-0.01	PASS
N7	15	15	CP-QPSK	H	Outer_Full	VN	NT	3.01	0.00	PASS
N7	15	15	CP-QPSK	H	Outer_Full	VH	NT	122.75	0.05	PASS
N7	15	15	CP-16QAM	H	Outer_Full	VL	NT	69.01	0.03	PASS
N7	15	15	CP-16QAM	H	Outer_Full	VN	NT	-10.64	0.00	PASS
N7	15	15	CP-16QAM	H	Outer_Full	VH	NT	-5.65	0.00	PASS
N7	15	20	CP-QPSK	L	Outer_Full	VL	NT	-30.50	-0.01	PASS
N7	15	20	CP-QPSK	L	Outer_Full	VN	NT	-10.14	0.00	PASS
N7	15	20	CP-QPSK	L	Outer_Full	VH	NT	-29.35	-0.01	PASS
N7	15	20	CP-16QAM	L	Outer_Full	VL	NT	-3.33	0.00	PASS
N7	15	20	CP-16QAM	L	Outer_Full	VN	NT	75.39	0.03	PASS
N7	15	20	CP-16QAM	L	Outer_Full	VH	NT	113.10	0.05	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VL	NT	-68.21	-0.03	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VN	NT	-1.39	0.00	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VH	NT	6.14	0.00	PASS
N7	15	20	CP-16QAM	M	Outer_Full	VL	NT	-11.91	0.00	PASS
N7	15	20	CP-16QAM	M	Outer_Full	VN	NT	-6.53	0.00	PASS
N7	15	20	CP-16QAM	M	Outer_Full	VH	NT	1.43	0.00	PASS
N7	15	20	CP-QPSK	H	Outer_Full	VL	NT	3.20	0.00	PASS
N7	15	20	CP-QPSK	H	Outer_Full	VN	NT	-0.76	0.00	PASS
N7	15	20	CP-QPSK	H	Outer_Full	VH	NT	9.60	0.00	PASS
N7	15	20	CP-16QAM	H	Outer_Full	VL	NT	13.98	0.01	PASS
N7	15	20	CP-16QAM	H	Outer_Full	VN	NT	19.16	0.01	PASS
N7	15	20	CP-16QAM	H	Outer_Full	VH	NT	3.81	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	CP-QPSK	L	Outer_Full	NV	-30	-46.195801	-0.018460	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	-20	-44.848286	-0.017921	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	-10	-11.496088	-0.004594	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	0	3.675746	0.001469	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	10	20.258080	0.008095	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	20	-10.517968	-0.004203	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	30	-9.434168	-0.003770	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	40	-48.345955	-0.019319	PASS
N7	15	5	CP-QPSK	L	Outer_Full	NV	50	0.136177	0.000054	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	-30	-74.232590	-0.029663	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	-20	-6.629607	-0.002649	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	-10	-41.757477	-0.016686	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	0	-16.933548	-0.006767	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	10	8.375442	0.003347	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	20	0.137926	0.000055	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	30	20.842730	0.008329	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	40	-13.608130	-0.005438	PASS
N7	15	5	CP-16QAM	L	Outer_Full	NV	50	49.686314	0.019855	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	-30	-101.134743	-0.039895	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	-20	-5.109272	-0.002015	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	-10	-8.195420	-0.003233	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	0	51.216393	0.020204	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	10	-5.922382	-0.002336	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	20	16.602606	0.006549	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	30	-4.843647	-0.001911	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	40	-28.278799	-0.011155	PASS
N7	15	5	CP-QPSK	M	Outer_Full	NV	50	-4.281913	-0.001689	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	-30	4.528864	0.001787	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	-20	-98.482834	-0.038849	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	-10	56.791668	0.022403	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	0	-9.425493	-0.003718	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	10	74.149406	0.029250	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	20	-21.806698	-0.008602	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	30	-7.711679	-0.003042	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	40	96.582359	0.038100	PASS
N7	15	5	CP-16QAM	M	Outer_Full	NV	50	-0.935942	-0.000369	PASS

N7	15	5	CP-QPSK	H	Outer_Full	NV	-30	-14.594644	-0.005684	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	-20	-16.339022	-0.006364	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	-10	-16.482540	-0.006420	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	0	-15.549730	-0.006056	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	10	-14.737042	-0.005740	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	20	-108.724205	-0.042346	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	30	-5.230642	-0.002037	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	40	103.729721	0.040401	PASS
N7	15	5	CP-QPSK	H	Outer_Full	NV	50	-16.526514	-0.006437	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	-30	-11.114821	-0.004329	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	-20	-3.259733	-0.001270	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	-10	-43.525505	-0.016952	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	0	-9.251322	-0.003603	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	10	27.273390	0.010623	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	20	-31.659811	-0.012331	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	30	5.422785	0.002112	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	40	-19.324638	-0.007527	PASS
N7	15	5	CP-16QAM	H	Outer_Full	NV	50	-105.079079	-0.040927	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	-30	-9.353661	-0.003734	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	-20	-4.037483	-0.001612	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	-10	-11.681646	-0.004663	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	0	15.083740	0.006021	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	10	9.436568	0.003767	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	20	83.271637	0.033242	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	30	19.719971	0.007872	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	40	-9.374371	-0.003742	PASS
N7	15	10	CP-QPSK	L	Outer_Full	NV	50	-10.018040	-0.003999	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	-30	-7.856139	-0.003136	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	-20	-4.873687	-0.001946	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	-10	-0.163862	-0.000065	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	0	2.091404	0.000835	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	10	4.739069	0.001892	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	20	-8.467370	-0.003380	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	30	31.734964	0.012669	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	40	0.208600	0.000083	PASS
N7	15	10	CP-16QAM	L	Outer_Full	NV	50	68.254387	0.027247	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	-30	-129.863541	-0.051228	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	-20	3.920674	0.001547	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	-10	7.703787	0.003039	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	0	-5.543737	-0.002187	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	10	-15.003709	-0.005919	PASS

N7	15	10	CP-QPSK	M	Outer_Full	NV	20	-2.557375	-0.001009	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	30	106.743637	0.042108	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	40	3.105705	0.001225	PASS
N7	15	10	CP-QPSK	M	Outer_Full	NV	50	-0.263722	-0.000104	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	-30	-0.107058	-0.000042	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	-20	35.945969	0.014180	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	-10	-147.610336	-0.058229	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	0	-77.067787	-0.030401	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	10	-10.697808	-0.004220	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	20	-44.754162	-0.017655	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	30	7.710183	0.003041	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	40	65.431900	0.025811	PASS
N7	15	10	CP-16QAM	M	Outer_Full	NV	50	-7.253204	-0.002861	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	-30	-8.851166	-0.003451	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	-20	-13.037024	-0.005083	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	-10	64.024605	0.024961	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	0	9.523910	0.003713	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	10	-23.988703	-0.009352	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	20	-26.615498	-0.010376	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	30	5.421390	0.002114	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	40	4.703162	0.001834	PASS
N7	15	10	CP-QPSK	H	Outer_Full	NV	50	4.160143	0.001622	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	-30	4.428710	0.001727	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	-20	-19.105434	-0.007449	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	-10	-166.229919	-0.064807	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	0	52.096684	0.020311	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	10	-42.720390	-0.016655	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	20	-4.346047	-0.001694	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	30	-8.418182	-0.003282	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	40	8.997589	0.003508	PASS
N7	15	10	CP-16QAM	H	Outer_Full	NV	50	15.341784	0.005981	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	-30	7.512597	0.002996	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	-20	100.858574	0.040223	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	-10	12.710592	0.005069	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	0	-0.652134	-0.000260	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	10	-4.163301	-0.001660	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	20	32.567600	0.012988	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	30	17.188374	0.006855	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	40	67.293877	0.026837	PASS
N7	15	15	CP-QPSK	L	Outer_Full	NV	50	7.267077	0.002898	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	-30	-8.270448	-0.003298	PASS

N7	15	15	CP-16QAM	L	Outer_Full	NV	-20	143.173859	0.057098	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	-10	116.910851	0.046624	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	0	-4.483363	-0.001788	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	10	39.676613	0.015823	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	20	24.936356	0.009945	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	30	115.165253	0.045928	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	40	-4.095158	-0.001633	PASS
N7	15	15	CP-16QAM	L	Outer_Full	NV	50	13.451641	0.005365	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	-30	-8.636729	-0.003407	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	-20	-173.671570	-0.068509	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	-10	4.515953	0.001781	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	0	107.762123	0.042510	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	10	-8.774469	-0.003461	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	20	-11.231770	-0.004431	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	30	43.457100	0.017143	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	40	6.985442	0.002756	PASS
N7	15	15	CP-QPSK	M	Outer_Full	NV	50	-65.762215	-0.025942	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	-30	-124.549461	-0.049132	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	-20	6.530961	0.002576	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	-10	-6.165519	-0.002432	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	0	0.660497	0.000261	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	10	-10.694005	-0.004219	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	20	-2.207750	-0.000871	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	30	-80.607498	-0.031798	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	40	-3.594347	-0.001418	PASS
N7	15	15	CP-16QAM	M	Outer_Full	NV	50	-18.924046	-0.007465	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	-30	-21.935713	-0.008560	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	-20	78.375870	0.030586	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	-10	3.148229	0.001229	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	0	25.324652	0.009883	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	10	-10.497231	-0.004096	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	20	-27.047642	-0.010555	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	30	-11.463122	-0.004473	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	40	-13.711871	-0.005351	PASS
N7	15	15	CP-QPSK	H	Outer_Full	NV	50	92.512413	0.036102	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	-30	8.741659	0.003411	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	-20	72.511337	0.028297	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	-10	-16.686728	-0.006512	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	0	-35.816200	-0.013977	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	10	-7.930805	-0.003095	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	20	57.129459	0.022294	PASS

N7	15	15	CP-16QAM	H	Outer_Full	NV	30	-25.397419	-0.009911	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	40	-99.214104	-0.038718	PASS
N7	15	15	CP-16QAM	H	Outer_Full	NV	50	1.471476	0.000574	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	-30	0.081419	0.000032	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	-20	57.588989	0.022944	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	-10	-11.672903	-0.004651	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	0	-34.827999	-0.013876	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	10	-6.293978	-0.002508	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	20	-11.408034	-0.004545	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	30	-52.753960	-0.021018	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	40	-91.679222	-0.036526	PASS
N7	15	20	CP-QPSK	L	Outer_Full	NV	50	-12.165778	-0.004847	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	-30	-13.169437	-0.005247	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	-20	-7.001179	-0.002789	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	-10	17.380110	0.006924	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	0	62.196369	0.024779	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	10	-8.238339	-0.003282	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	20	1.436431	0.000572	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	30	-7.088207	-0.002824	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	40	0.159899	0.000064	PASS
N7	15	20	CP-16QAM	L	Outer_Full	NV	50	-48.992191	-0.019519	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-30	3.559586	0.001404	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-20	2.969980	0.001172	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-10	-5.752272	-0.002269	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	0	-36.091373	-0.014237	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	10	5.529232	0.002181	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	20	32.979370	0.013010	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	30	84.348648	0.033274	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	40	6.161239	0.002430	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	50	-10.205318	-0.004026	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	-30	-12.958395	-0.005112	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	-20	-1.609714	-0.000635	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	-10	6.421574	0.002533	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	0	-56.076763	-0.022121	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	10	-41.336765	-0.016306	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	20	-0.799138	-0.000315	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	30	-20.092035	-0.007926	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	40	-81.983604	-0.032341	PASS
N7	15	20	CP-16QAM	M	Outer_Full	NV	50	-6.164466	-0.002432	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	-30	38.395390	0.014998	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	-20	12.849809	0.005019	PASS

N7	15	20	CP-QPSK	H	Outer_Full	NV	-10	88.085297	0.034408	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	0	124.864258	0.048775	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	10	133.841904	0.052282	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	20	20.397442	0.007968	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	30	-2.357103	-0.000921	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	40	148.951675	0.058184	PASS
N7	15	20	CP-QPSK	H	Outer_Full	NV	50	-3.711567	-0.001450	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	-30	10.555430	0.004123	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	-20	82.282387	0.032142	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	-10	95.502304	0.037306	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	0	29.520895	0.011532	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	10	3.676612	0.001436	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	20	-57.620094	-0.022508	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	30	0.873911	0.000341	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	40	13.511482	0.005278	PASS
N7	15	20	CP-16QAM	H	Outer_Full	NV	50	3.762359	0.001470	PASS