NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID5_NS_01_30_1000_#1	NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID5_NS_01_1000_3000_#1
NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID5_NS_01_3000_12000_#1	NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID5_NS_01_12000_20000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID9_
NS_01_0.009_0.15_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID9_
NS_01_0.15_30_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID9_
NS_01_30_1000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID9_
NS_01_1000_3000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID9_
NS_01_3000_12000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID9_
NS_01_12000_20000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID7_
NS_01_0.009_0.15_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID7_
NS_01_0.15_30_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID7_
NS_01_30_1000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID7_
NS_01_1000_3000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID7_
NS_01_3000_12000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID7_
NS_01_12000_20000_#1

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NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID8_
NS_01_0.009_0.15_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID8_
NS_01_0.15_30_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID8_
NS_01_30_1000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID8_
NS_01_1000_3000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID8_
NS_01_3000_12000_#1

NTNV_DC_66A_n5A_PC3_15_5+20_M+H_TID8_
NS_01_12000_20000_#1

Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.28	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.20	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.13	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.21	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.81	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.32	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	2.39	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	2.48	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	1.94	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	1.65	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.20	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	2.46	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	2.59	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	1.43	0.00	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	3.14	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	1.34	0.00	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.34	0.00	PASS

DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	1.72	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	1.83	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.57	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	0.51	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	1.52	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	0.48	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	0.29	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	0.88	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	0.86	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	0.98	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	0.69	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.01	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	1.52	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	0.20	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	1.67	0.00	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	2.00	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.86	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.65	0.00	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.21	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	2.00	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.79	0.00	PASS

DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.27	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	1.95	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.23	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	2.71	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	0.24	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.45	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.31	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	0.61	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.15	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	0.42	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.69	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.29	0.00	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-3.46	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.04	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.48	0.00	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.46	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.61	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.12	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.96	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.44	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.37	0.00	PASS

DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.99	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	0.15	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	1.57	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	1.05	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	0.19	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	0.22	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	1.96	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.73	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.20	0.00	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	0.05	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	1.25	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.51	0.00	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	1.29	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.617750	-0.003167	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.328753	-0.002818	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.088818	-0.003737	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	-0.516424	-0.000625	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	-1.650137	-0.001997	PASS
DC_66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	-1.964058	-0.002376	PASS

_n5A										
DC_66A _n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	-0.883596	-0.001069	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	-2.344755	-0.002837	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	-3.718444	-0.004499	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.204375	-0.001457	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.800691	-0.003389	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	-1.784965	-0.002160	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	-1.707784	-0.002066	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	-1.946613	-0.002355	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	-2.372501	-0.002871	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	-1.698657	-0.002055	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	-0.627540	-0.000759	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	-2.153171	-0.002605	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	1.478355	0.001767	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	1.568948	0.001876	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	0.291757	0.000349	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	0.369551	0.000442	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	2.990293	0.003575	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	1.111827	0.001329	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	0.594417	0.000711	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	1.462683	0.001749	PASS
DC_66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	2.039420	0.002438	PASS

_n5A										
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	2.402681	0.002872	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	0.385969	0.000461	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	0.662261	0.000792	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	1.472089	0.001760	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	2.007958	0.002400	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	1.129569	0.001350	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	0.652029	0.000779	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	-0.848679	-0.001015	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	3.172819	0.003793	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	0.305531	0.000361	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	1.845686	0.002180	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	0.547070	0.000646	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	1.423370	0.001681	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	1.681135	0.001986	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	0.700729	0.000828	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	1.382722	0.001633	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	1.619073	0.001913	PASS
DC_66A _n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	-0.029826	-0.000035	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	1.023144	0.001209	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	0.211612	0.000250	PASS
DC_66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	0.326598	0.000386	PASS

_n5A										
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	1.325818	0.001566	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	0.317936	0.000376	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	-0.030181	-0.000036	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	1.814877	0.002144	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	2.012714	0.002378	PASS
DC_66A _n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	1.504845	0.001778	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	0.641751	0.000774	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	0.403952	0.000487	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	2.143321	0.002585	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	0.665657	0.000803	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	0.736497	0.000888	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	1.430646	0.001726	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	0.184148	0.000222	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	1.920050	0.002316	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-0.216157	-0.000261	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	0.902732	0.001089	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	1.849007	0.002230	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	1.207297	0.001456	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	2.063434	0.002489	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	1.342196	0.001619	PASS
DC_66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	1.203927	0.001452	PASS

_n5A										
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	0.583818	0.000704	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	0.202839	0.000245	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	0.486260	0.000587	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	0.696676	0.000833	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	2.238615	0.002676	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.209348	-0.000250	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	1.265254	0.001513	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	1.167884	0.001396	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	1.157818	0.001384	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	0.806193	0.000964	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-0.172139	-0.000206	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	0.895063	0.001070	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	1.958553	0.002341	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	0.752117	0.000899	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	1.811975	0.002166	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	1.728687	0.002067	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	0.669254	0.000800	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-0.457469	-0.000547	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	2.934108	0.003508	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	0.090153	0.000108	PASS
DC_66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-0.226921	-0.000271	PASS

_n5A										
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	0.960980	0.001139	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	1.002737	0.001188	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	0.170281	0.000202	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	0.729965	0.000865	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	0.744891	0.000883	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	3.053254	0.003618	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	1.473411	0.001746	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	1.111736	0.001317	PASS
DC_66A _n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	0.228322	0.000271	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	1.627486	0.001928	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	0.132505	0.000157	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	1.614761	0.001913	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-0.650113	-0.000770	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-0.460349	-0.000545	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	0.524620	0.000622	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-0.031297	-0.000037	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	1.239374	0.001468	PASS
DC_66A _n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	0.798668	0.000946	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	1.015424	0.001221	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	0.575640	0.000692	PASS
DC_66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	1.236005	0.001486	PASS

_n5A										
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	1.211917	0.001458	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-0.175935	-0.000212	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	2.149133	0.002585	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-0.457579	-0.000550	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	0.875093	0.001052	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-0.172366	-0.000207	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	1.894205	0.002278	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.737925	-0.000887	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	1.303531	0.001568	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	2.759257	0.003318	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	1.313339	0.001579	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	1.157683	0.001392	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	0.270957	0.000326	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-0.454992	-0.000547	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-0.576819	-0.000694	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	0.310713	0.000371	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.166319	-0.000199	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	0.589679	0.000705	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	1.394649	0.001667	PASS
DC_66A _n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-0.529146	-0.000633	PASS
DC_66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	1.105580	0.001322	PASS

_n5A										
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	0.646432	0.000773	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	2.434690	0.002911	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	1.312356	0.001569	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-0.960573	-0.001148	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	0.373340	0.000446	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	0.248847	0.000297	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	0.426665	0.000510	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	1.326075	0.001585	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	1.534494	0.001834	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-1.159971	-0.001387	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	0.070698	0.000085	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	2.369830	0.002833	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.886713	-0.003430	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.024391	-0.003594	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.310262	-0.006310	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-4.089673	-0.004860	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-2.422451	-0.002879	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-2.960469	-0.003518	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-3.998012	-0.004751	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-3.992516	-0.004745	PASS
DC_66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-2.775869	-0.003299	PASS

_n5A										
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.230491	-0.003839	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.468637	-0.002934	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-3.252796	-0.003865	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-3.381447	-0.004018	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-1.404500	-0.001669	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-3.531083	-0.004196	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-1.371491	-0.001630	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-3.669675	-0.004361	PASS
DC_66A _n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-1.717407	-0.002041	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.603286	-0.004320	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.278526	-0.003931	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.566878	-0.004277	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-2.684384	-0.003219	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-4.250392	-0.005096	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-3.648978	-0.004375	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-2.130923	-0.002555	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-2.936032	-0.003520	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-3.159425	-0.003788	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.188599	-0.002624	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	0.228609	0.000274	PASS
DC_66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.951247	-0.003539	PASS

_n5A										
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-3.913490	-0.004692	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-3.084658	-0.003699	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-1.267064	-0.001519	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-1.352694	-0.001622	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-1.801486	-0.002160	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-3.129710	-0.003753	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	1.055722	0.001262	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.400802	-0.000479	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	1.773468	0.002120	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	0.862815	0.001031	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-1.491506	-0.001783	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	0.882625	0.001055	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	1.810027	0.002164	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	1.561964	0.001867	PASS
DC_66A _n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-0.326949	-0.000391	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	0.780201	0.000933	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	0.875795	0.001047	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-0.501137	-0.000599	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	0.955282	0.001142	PASS
DC_66A _n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-0.811594	-0.000970	PASS
DC_66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-0.106685	-0.000128	PASS

_n5A										
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	1.022682	0.001223	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-0.059777	-0.000071	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	0.172673	0.000206	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-0.167153	-0.000199	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	0.863582	0.001029	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.116694	-0.000139	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-0.046939	-0.000056	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-0.463858	-0.000553	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	1.443637	0.001721	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-0.206535	-0.000246	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	0.779834	0.000929	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	1.119226	0.001334	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	1.197540	0.001427	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-0.226054	-0.000269	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-1.108884	-0.001322	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-0.718908	-0.000857	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	0.232078	0.000277	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-0.085829	-0.000102	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	0.202264	0.000241	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	0.563865	0.000672	PASS
DC_66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-0.338090	-0.000403	PASS

_n5A										