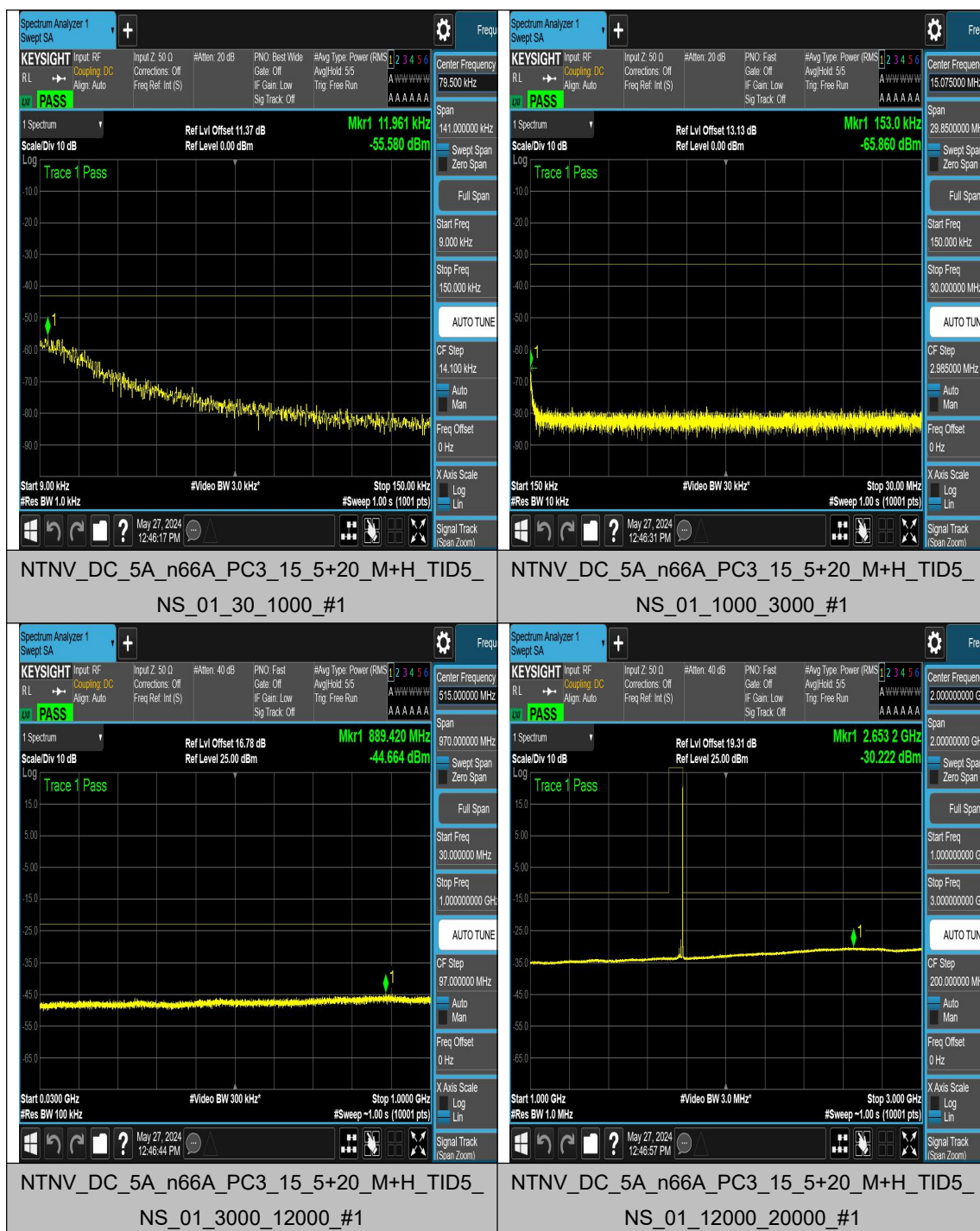
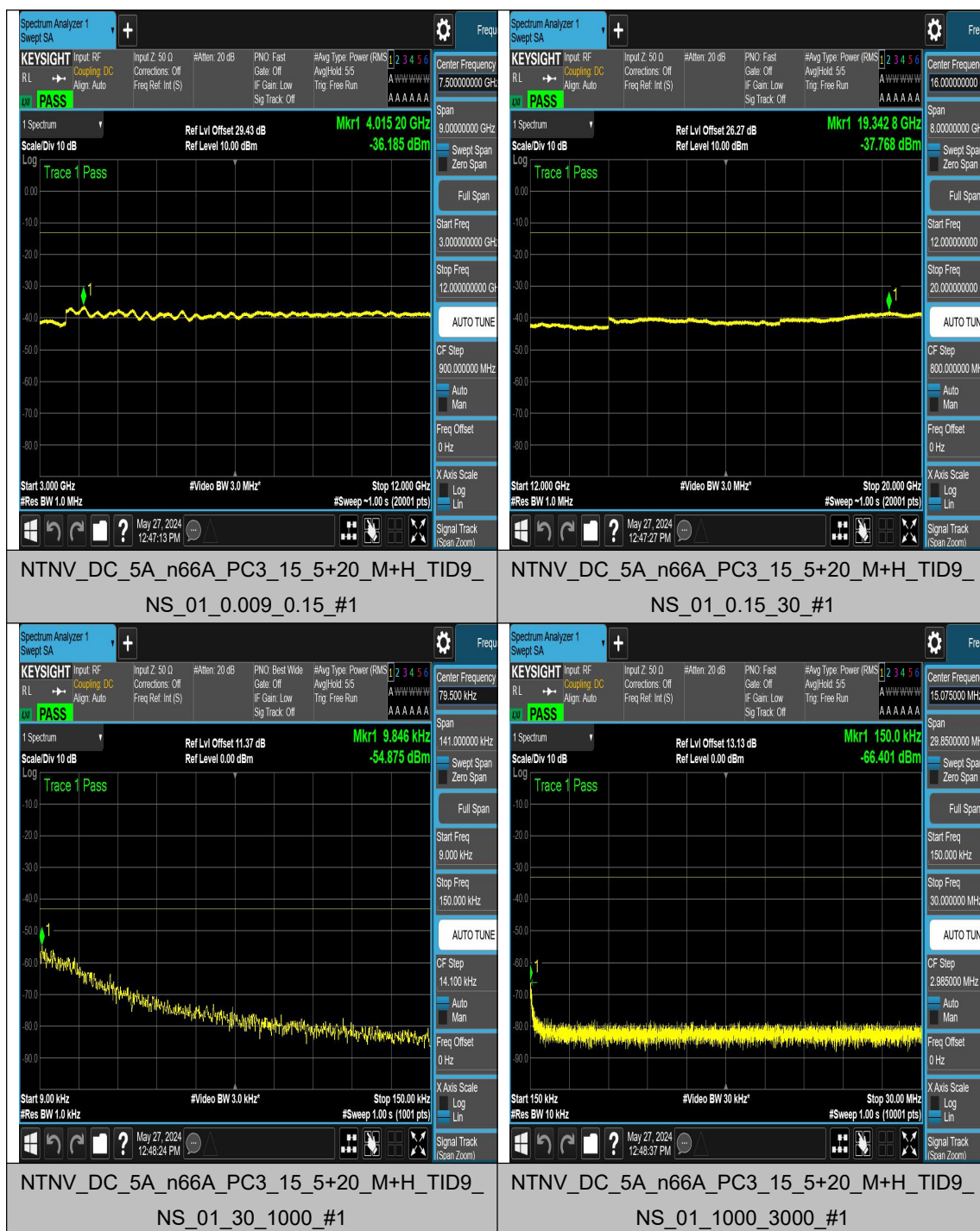
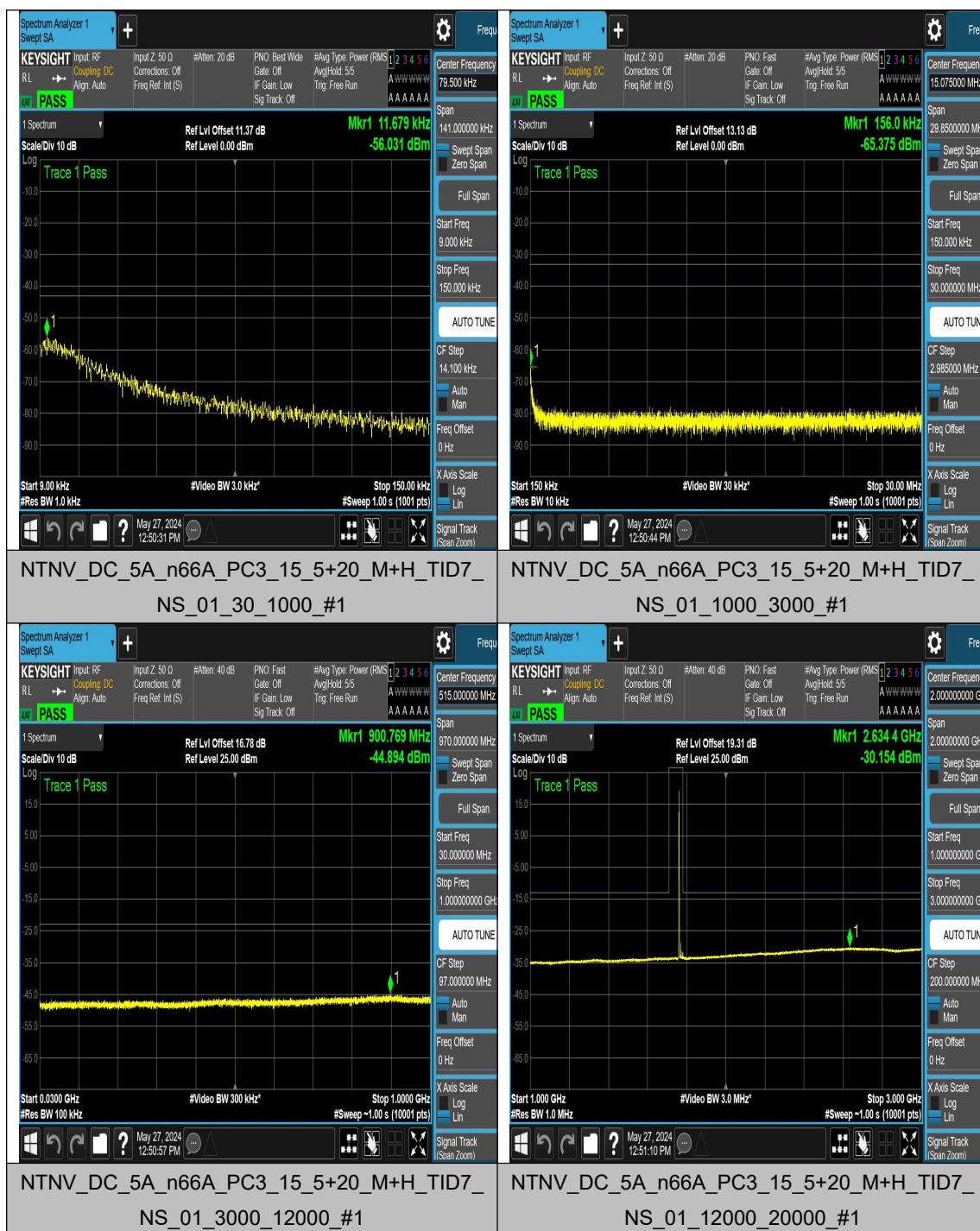
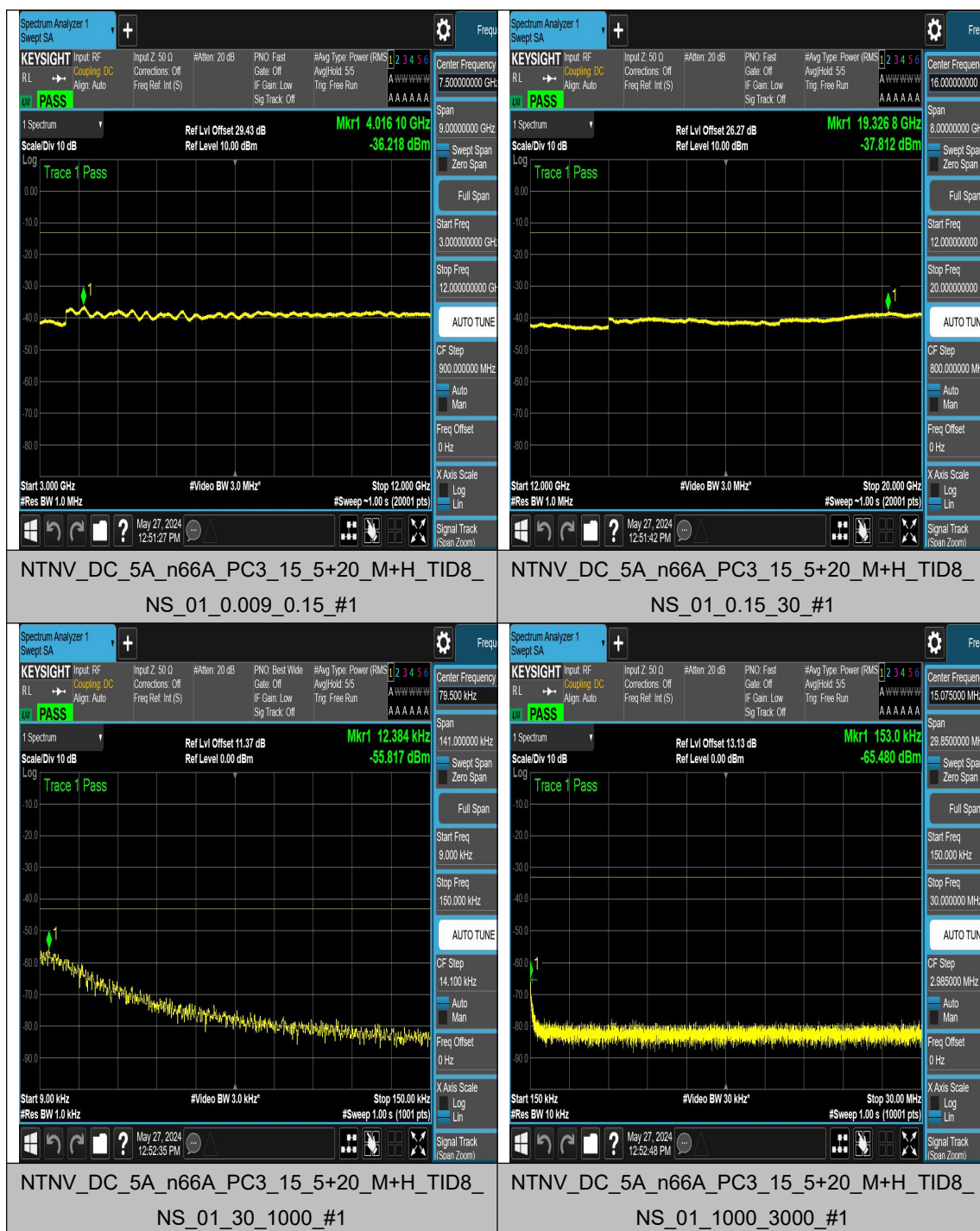














Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	1.20	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.56	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.48	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.14	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.54	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	1.04	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.52	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.78	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.45	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.85	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.18	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.15	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.43	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.40	0.00	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.60	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.05	0.00	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.08	0.00	PASS

DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.59	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.91	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.23	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.24	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.87	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.84	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.78	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	0.15	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	0.39	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	0.19	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.40	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.96	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.66	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.56	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.20	0.00	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.37	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.42	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.04	0.00	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.88	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.43	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.73	0.00	PASS

DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.56	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.25	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.09	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.29	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.05	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.95	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.17	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	1.23	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.33	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.32	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.15	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.33	0.00	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.91	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.46	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-5.16	0.00	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.20	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.74	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.24	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.39	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.79	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.25	0.00	PASS

DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.25	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.63	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.92	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.39	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.37	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.32	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.64	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.61	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.35	0.00	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.01	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.66	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.30	0.00	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.01	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.417870	-0.000244	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.482562	-0.001450	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.506855	-0.001464	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	-1.135691	-0.000663	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	1.050237	0.000613	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	-4.123309	-0.002408	PASS

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n66A										
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	-1.557551	-0.000910	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	0.016396	0.000010	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	1.059638	0.000619	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.135877	-0.000663	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.083362	-0.000049	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.642142	-0.000375	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	-0.363410	-0.000212	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	-1.080907	-0.000631	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	-1.186976	-0.000693	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	-0.966055	-0.000564	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	-2.568401	-0.001500	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	0.342502	0.000200	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	-0.261071	-0.000150	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	-1.207395	-0.000692	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.244961	-0.000713	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	-0.063726	-0.000037	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	0.144443	0.000083	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	-1.262707	-0.000724	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	-2.122464	-0.001216	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	-1.894570	-0.001086	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	-5.171572	-0.002964	PASS

n66A										
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	-0.016698	-0.000010	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.387416	-0.000222	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.466974	-0.000841	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	-2.287973	-0.001311	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	-1.517689	-0.000870	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	-1.331609	-0.000763	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	-1.227482	-0.000703	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	-0.646449	-0.000370	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	-3.058167	-0.001753	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.231563	-0.000693	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	0.209508	0.000118	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.742318	-0.000418	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	0.802827	0.000452	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	-2.037004	-0.001146	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	0.272158	0.000153	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	0.144335	0.000081	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	-0.469844	-0.000264	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	-2.574471	-0.001448	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	0.443305	0.000249	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.730215	-0.001536	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	-0.778205	-0.000438	PASS

n66A										
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	-3.137407	-0.001765	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	-3.987432	-0.002243	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	-2.994281	-0.001685	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	-3.471189	-0.001953	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	-0.924253	-0.000520	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	-3.634890	-0.002045	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.723555	-0.001588	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.519863	-0.001469	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.600441	-0.002099	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-3.016385	-0.001759	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-1.587610	-0.000926	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-2.552605	-0.001488	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-1.817643	-0.001060	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-3.903577	-0.002276	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-1.786598	-0.001042	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.291466	-0.001336	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.373320	-0.001384	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.823769	-0.001647	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-0.928805	-0.000542	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-1.828461	-0.001066	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-3.077169	-0.001794	PASS

n66A										
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-2.153504	-0.001256	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-4.270586	-0.002490	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-2.673000	-0.001559	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.353972	-0.000776	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.619080	-0.001501	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.135213	-0.001797	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-3.524744	-0.002020	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-3.907487	-0.002239	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-3.438877	-0.001971	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-4.846645	-0.002777	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-3.399265	-0.001948	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-4.879268	-0.002796	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.029904	-0.002309	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.043853	-0.001744	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.853304	-0.001635	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-3.953471	-0.002266	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-4.159059	-0.002383	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-4.747670	-0.002721	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-2.899035	-0.001661	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-4.319443	-0.002475	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-2.397744	-0.001374	PASS

n66A										
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.836242	-0.001035	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.178289	-0.001227	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.382276	-0.000779	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-1.007268	-0.000567	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-1.910394	-0.001076	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-2.526377	-0.001423	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-0.939938	-0.000530	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-2.052083	-0.001156	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-2.516867	-0.001418	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.018149	-0.000010	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.213804	-0.001247	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-1.131701	-0.000638	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-0.596299	-0.000336	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	0.369052	0.000208	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-0.847155	-0.000477	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-0.382335	-0.000215	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-1.110835	-0.000626	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-2.238161	-0.001261	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.401864	-0.000816	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.697321	-0.000988	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.322339	-0.000770	PASS

n66A										
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-2.297707	-0.001338	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-2.955021	-0.001721	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-1.208548	-0.000704	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-2.120825	-0.001235	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-3.035403	-0.001767	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-4.323628	-0.002517	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.679947	-0.002143	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.874898	-0.001092	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.117247	-0.001233	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-1.973366	-0.001149	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-1.512451	-0.000881	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-3.716126	-0.002164	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-1.959766	-0.001141	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-0.769036	-0.000448	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-2.770193	-0.001613	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.268265	-0.001873	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.628928	-0.002080	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.945781	-0.000542	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	0.913346	0.000523	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	1.181384	0.000677	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-0.346794	-0.000199	PASS

n66A										
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-0.598699	-0.000343	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	1.559486	0.000894	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	0.538151	0.000308	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.050287	-0.000602	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.362915	-0.000781	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.635580	-0.000937	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-2.289121	-0.001312	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-1.437668	-0.000824	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-2.786305	-0.001597	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-2.795655	-0.001602	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-2.532228	-0.001451	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-2.384994	-0.001367	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.427255	-0.000805	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.846904	-0.000478	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.524269	-0.001988	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-3.585342	-0.002023	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-3.083745	-0.001740	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-3.110317	-0.001755	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-5.382164	-0.003036	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-1.916034	-0.001081	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-5.286877	-0.002983	PASS

n66A										
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.580412	-0.002584	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.076949	-0.002864	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.289375	-0.002984	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-3.814385	-0.002152	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-4.864521	-0.002744	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-4.024862	-0.002271	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-4.380847	-0.002472	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-2.724351	-0.001537	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-5.206844	-0.002938	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-5.569633	-0.003238	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.727280	-0.002748	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.890095	-0.002262	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-4.772965	-0.002775	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-4.660547	-0.002710	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-1.948845	-0.001133	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-2.573847	-0.001496	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-2.215121	-0.001288	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-3.459925	-0.002012	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.426675	-0.001992	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-3.734900	-0.002171	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.560037	-0.002070	PASS

n66A										
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-5.741392	-0.003338	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-6.452454	-0.003751	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-4.316319	-0.002509	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-3.077527	-0.001789	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-3.425502	-0.001992	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-3.567537	-0.002074	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.471063	-0.002562	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.581256	-0.002052	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.914682	-0.002243	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-4.693264	-0.002690	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-4.500310	-0.002579	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-3.611208	-0.002069	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-3.139220	-0.001799	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-2.209366	-0.001266	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-4.506625	-0.002583	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	0.278826	0.000160	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.220302	-0.000126	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-0.071749	-0.000041	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-0.876098	-0.000502	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-2.073504	-0.001188	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	0.547919	0.000314	PASS

n66A										
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-0.748628	-0.000429	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	1.382648	0.000792	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	1.553281	0.000890	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.684057	-0.002081	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.257276	-0.001275	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-2.890093	-0.001633	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-4.048791	-0.002287	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-3.060586	-0.001729	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-1.222815	-0.000691	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-5.150603	-0.002910	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-3.090103	-0.001746	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-4.387226	-0.002479	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.780769	-0.002136	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.796333	-0.001580	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.312900	-0.003002	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-3.589078	-0.002028	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-3.699023	-0.002090	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-4.507207	-0.002546	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-2.177624	-0.001230	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-2.712305	-0.001532	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-4.806178	-0.002715	PASS

n66A										
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