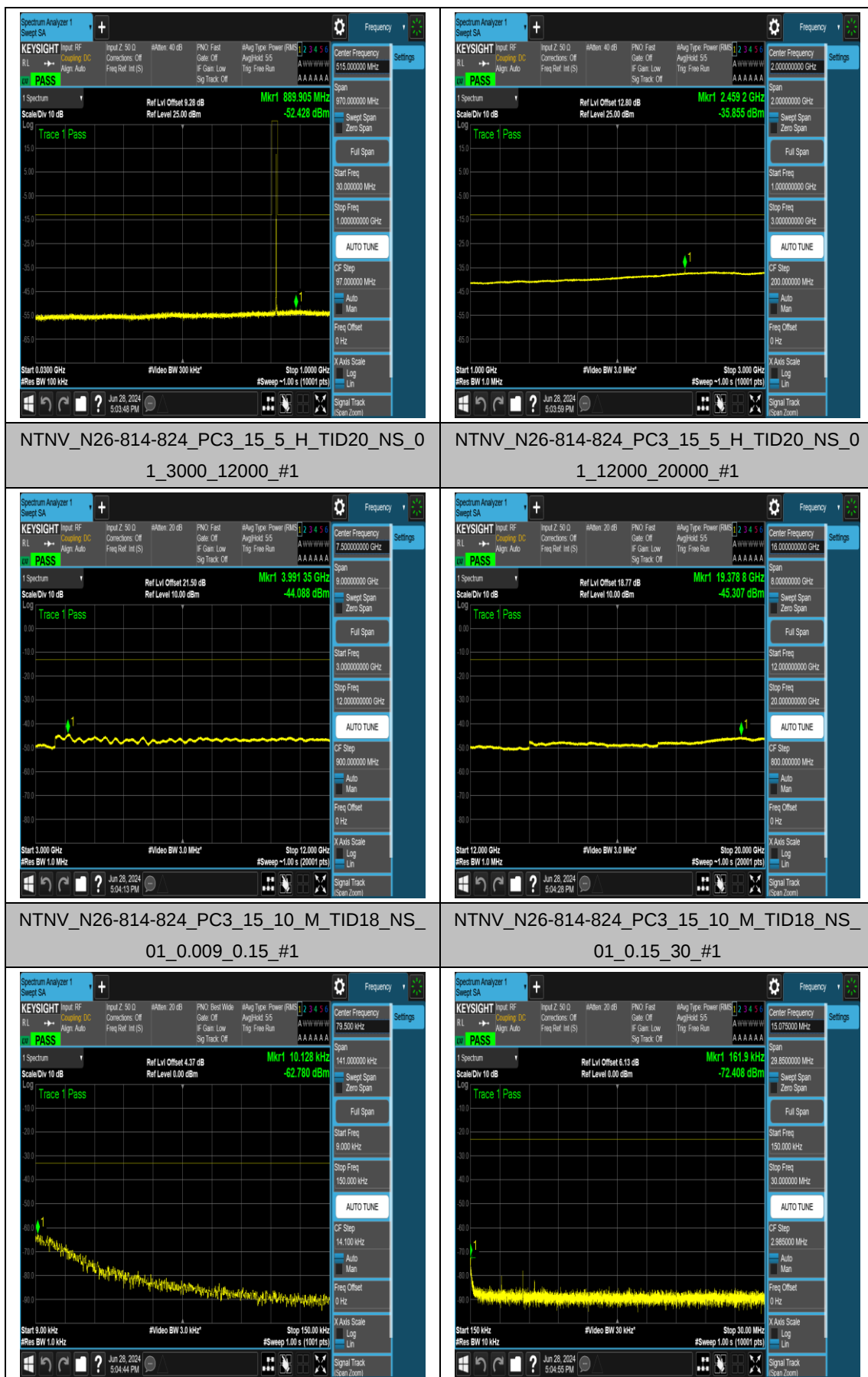
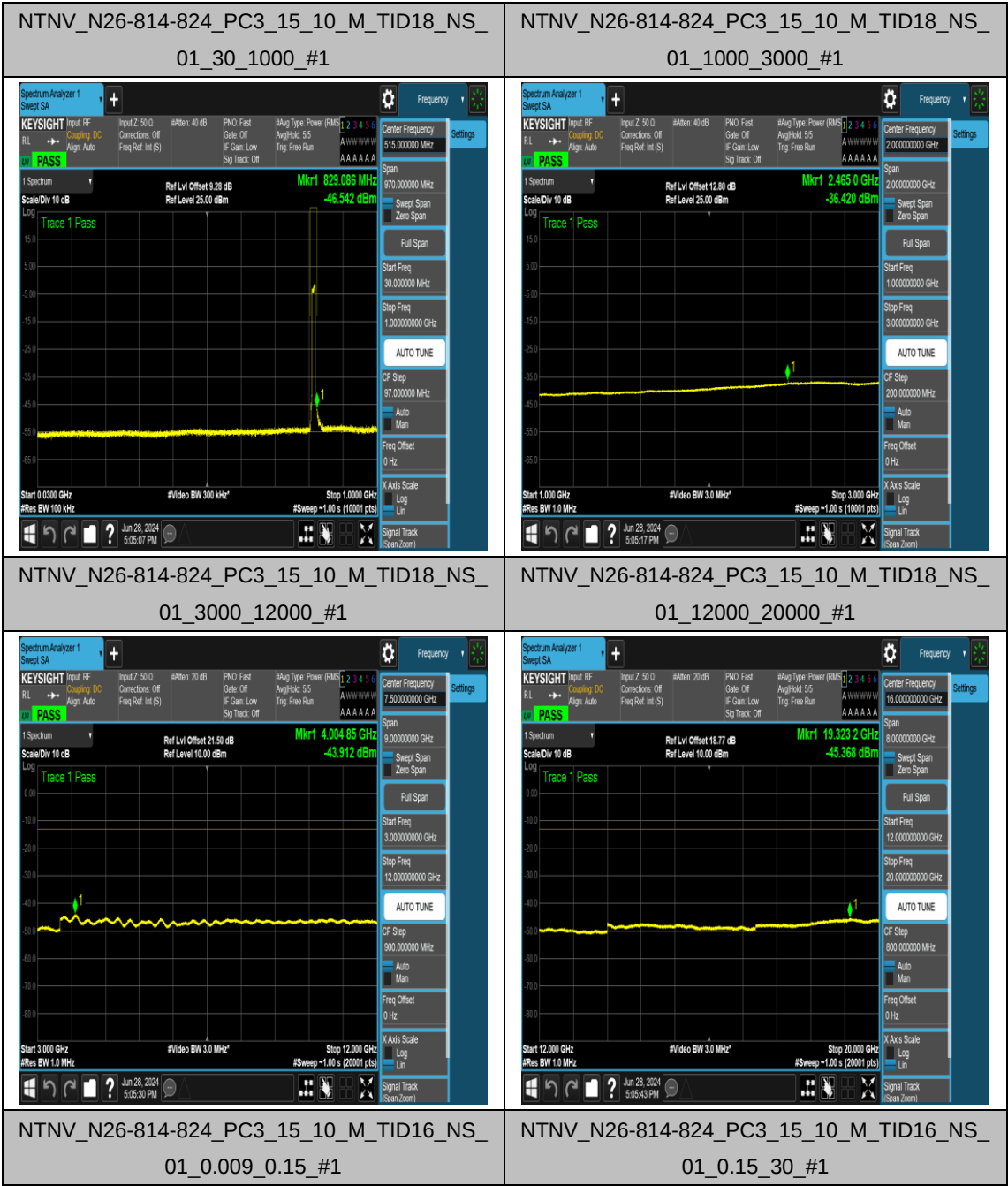
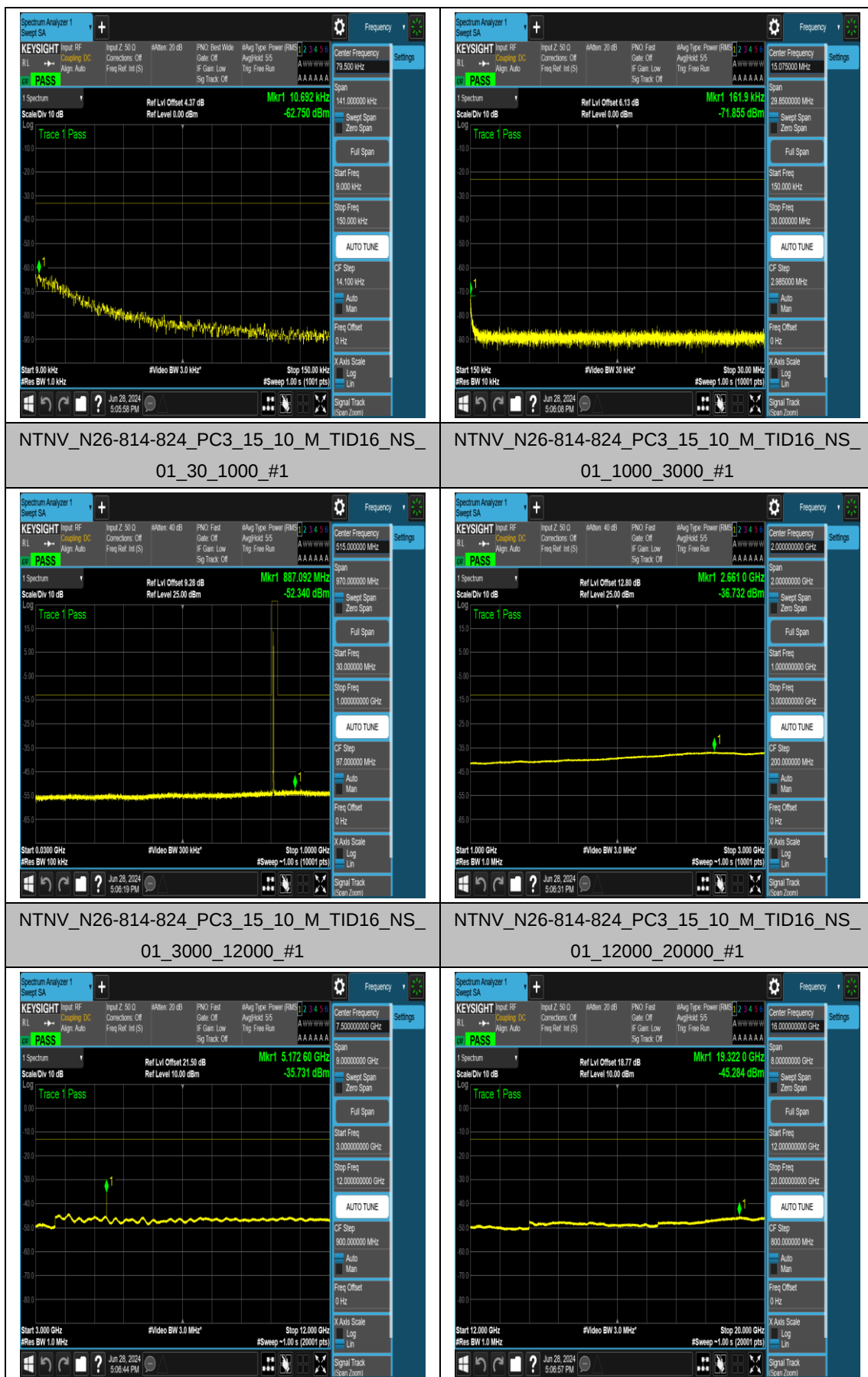
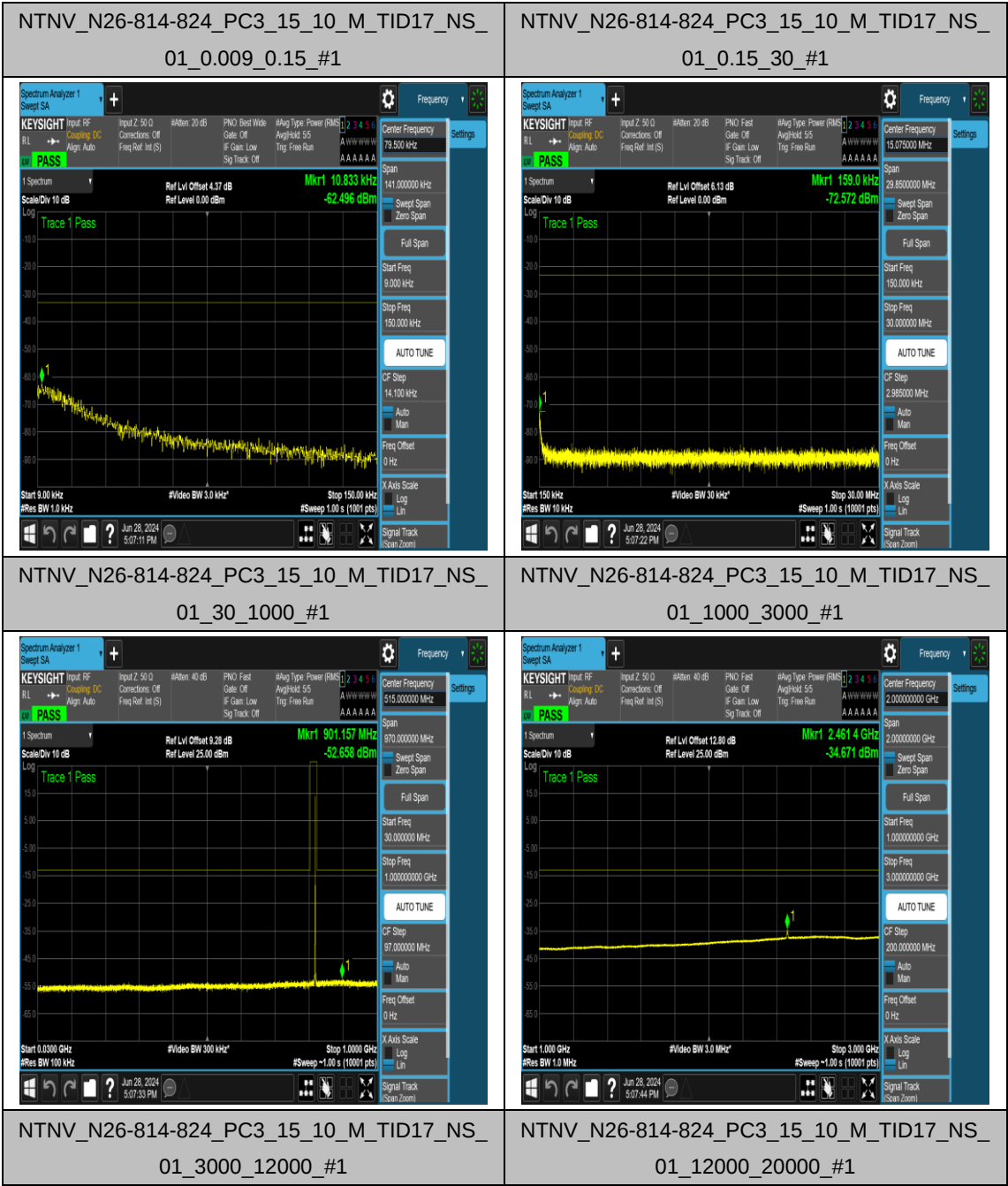
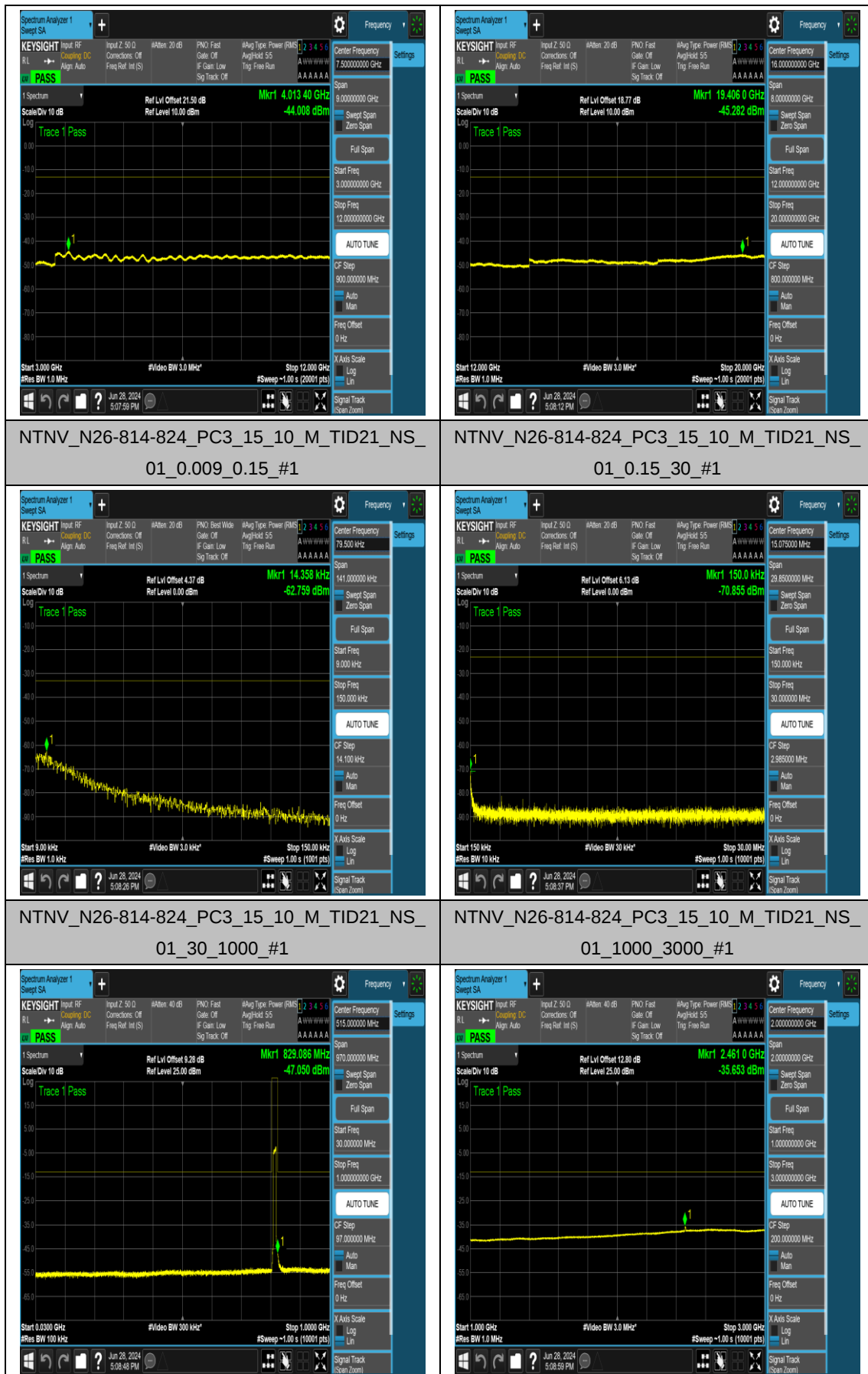


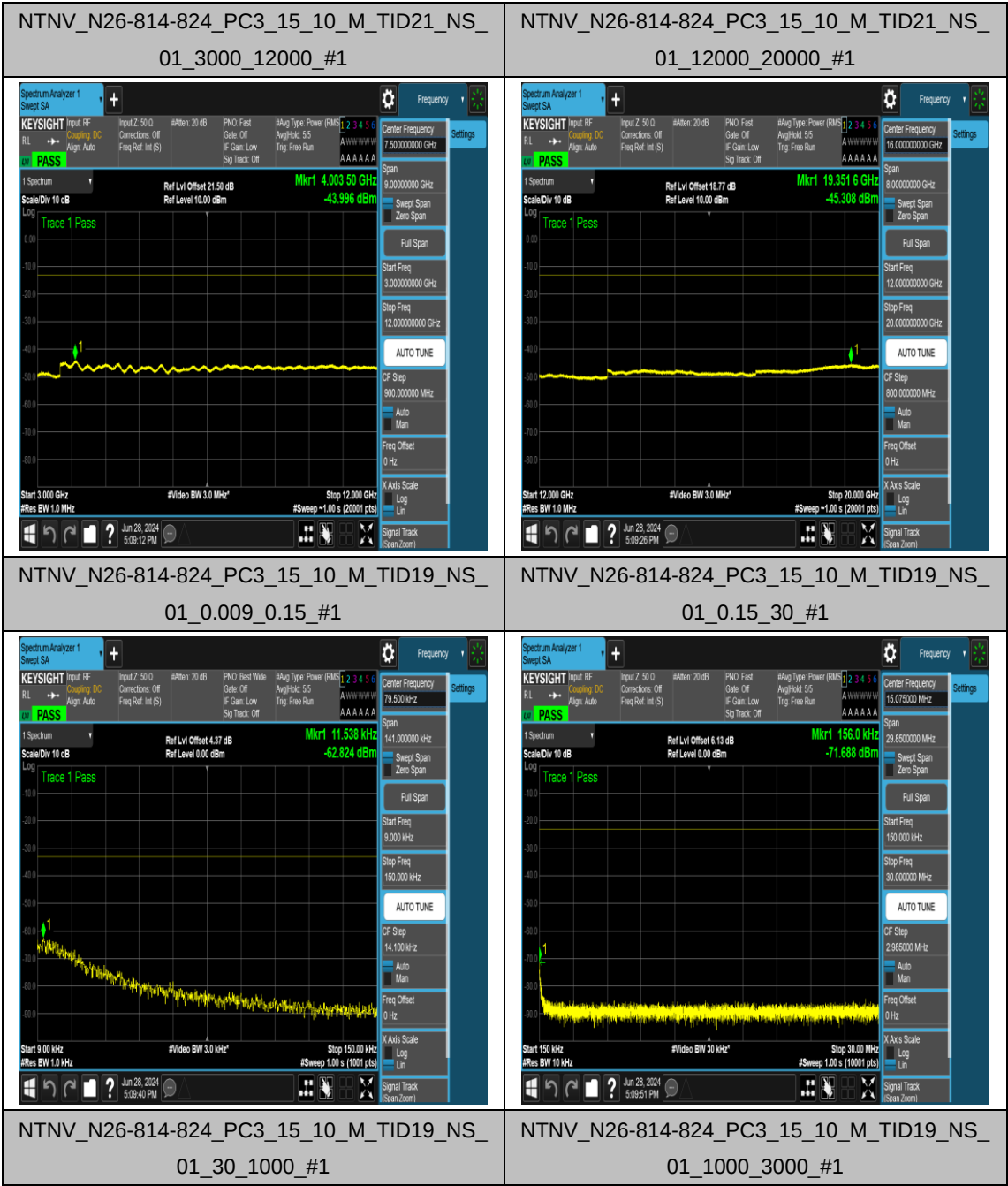


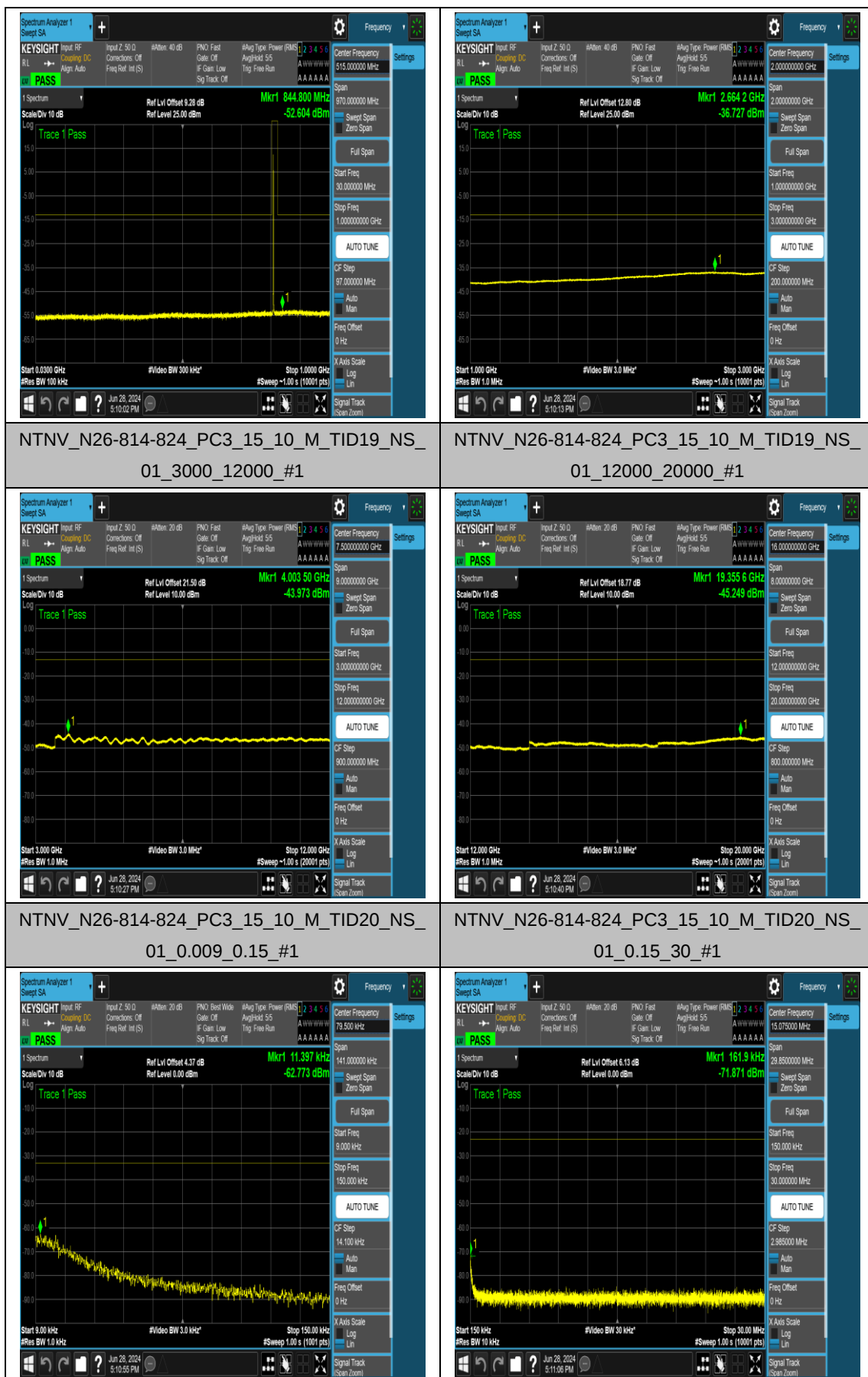


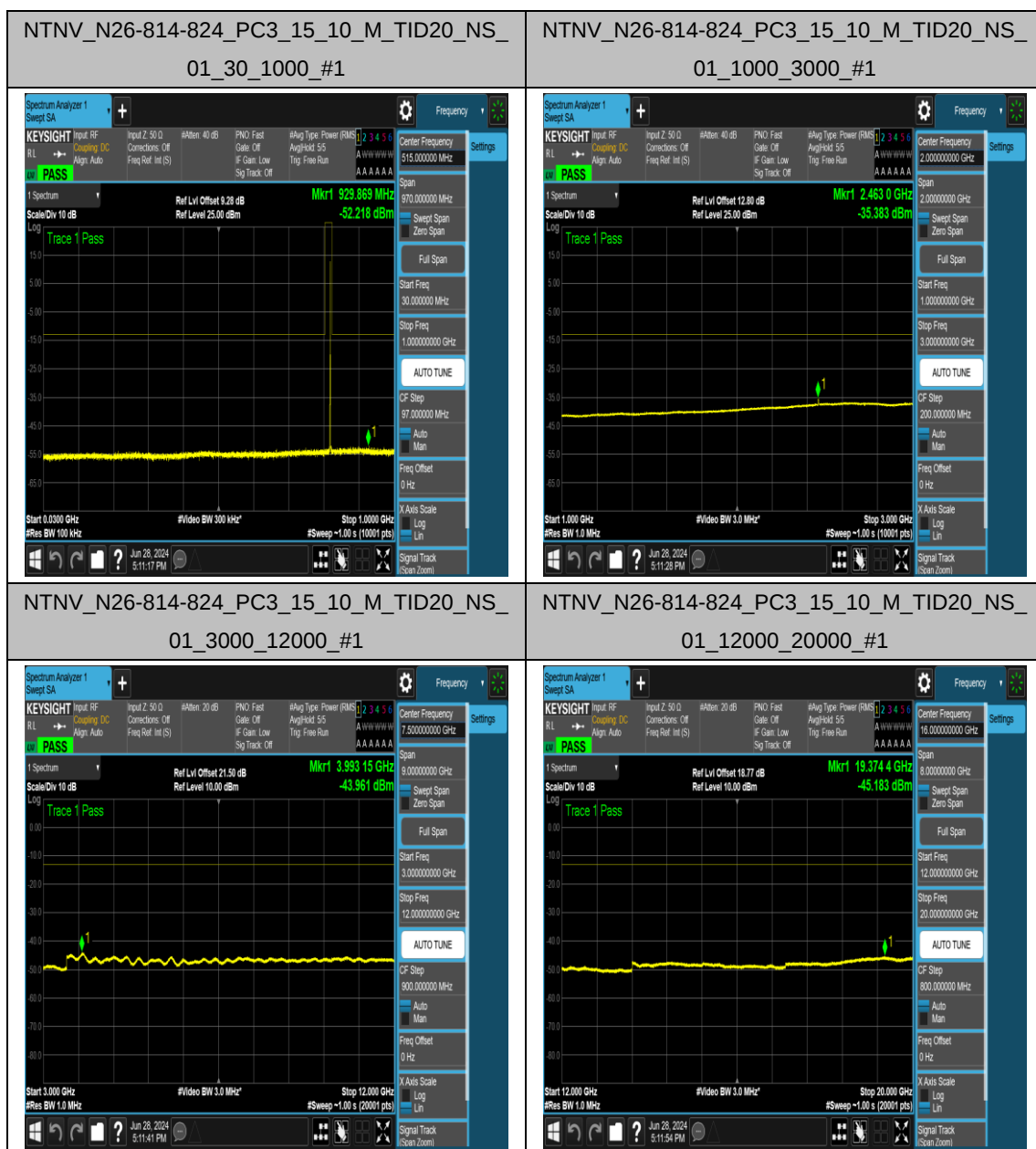












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	VL	NT	2.480000	0.003037	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	VN	NT	1.940000	0.002376	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	VH	NT	1.910000	0.002339	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	VL	NT	2.310000	0.002829	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	VN	NT	2.570000	0.003148	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	VH	NT	2.020000	0.002474	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	VL	NT	0.920000	0.001123	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	VN	NT	0.340000	0.000415	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	VH	NT	0.710000	0.000867	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	VL	NT	0.360000	0.000440	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	VN	NT	0.120000	0.000147	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-0.150000	-0.000183	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	VL	NT	0.420000	0.000510	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	VN	NT	0.930000	0.001132	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	VH	NT	1.180000	0.001436	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-0.120000	-0.000146	PASS
N26-814-	15	5	DFT-16QAM	H	Outer_Full	VN	NT	1.620000	0.001971	PASS

824										
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-0.030000	-0.000037	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	VL	NT	1.110000	0.001355	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	VN	NT	0.390000	0.000476	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	VH	NT	1.400000	0.001709	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	VL	NT	0.810000	0.000989	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	VN	NT	0.710000	0.000867	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	VH	NT	1.040000	0.001270	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	-30	0.650000	0.000796	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	-20	1.990000	0.002437	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	-10	2.260000	0.002768	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	0	1.090000	0.001335	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	10	2.060000	0.002523	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	20	0.730000	0.000894	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	30	0.930000	0.001139	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	40	3.150000	0.003858	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	NV	50	1.190000	0.001457	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	-30	2.680000	0.003282	PASS

N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	-20	2.700000	0.003307	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	-10	1.240000	0.001519	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	0	1.400000	0.001715	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	10	2.370000	0.002903	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	20	1.820000	0.002229	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	30	1.660000	0.002033	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	40	2.080000	0.002547	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	NV	50	1.280000	0.001568	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	-30	1.170000	0.001429	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	-20	0.160000	0.000195	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	-10	0.630000	0.000769	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	0	0.550000	0.000672	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	10	2.000000	0.002442	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	20	-0.300000	-0.000366	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	30	1.380000	0.001685	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	40	2.320000	0.002833	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.330000	0.000403	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	-30	1.690000	0.002063	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	-20	0.130000	0.000159	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	-10	1.710000	0.002088	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	0	1.320000	0.001612	PASS

N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	10	1.530000	0.001868	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	20	0.720000	0.000879	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	30	0.770000	0.000940	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	40	0.220000	0.000269	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	NV	50	1.470000	0.001795	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	-30	0.450000	0.000548	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	-20	0.650000	0.000791	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	-10	1.210000	0.001473	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	0	0.060000	0.000073	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	10	0.540000	0.000657	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	20	0.790000	0.000962	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	30	0.310000	0.000377	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	40	-0.260000	-0.000316	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	NV	50	-0.710000	-0.000864	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	-30	0.300000	0.000365	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	-20	0.100000	0.000122	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	-10	0.520000	0.000633	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	0	-0.490000	-0.000596	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	10	1.320000	0.001607	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	20	1.110000	0.001351	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	30	0.670000	0.000816	PASS

N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	40	0.170000	0.000207	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	NV	50	-0.540000	-0.000657	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	-30	0.140000	0.000171	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	-20	1.320000	0.001612	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	-10	0.650000	0.000794	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	0	1.040000	0.001270	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	10	0.050000	0.000061	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	20	0.250000	0.000305	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	30	2.020000	0.002466	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	40	2.029999	0.002479	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	NV	50	0.510000	0.000623	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-0.030000	-0.000037	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	-20	1.980000	0.002418	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-0.420000	-0.000513	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	0	2.400000	0.002930	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	10	0.360000	0.000440	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	20	1.080000	0.001319	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	30	0.230000	0.000281	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	40	0.560000	0.000684	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	NV	50	0.660000	0.000806	PASS