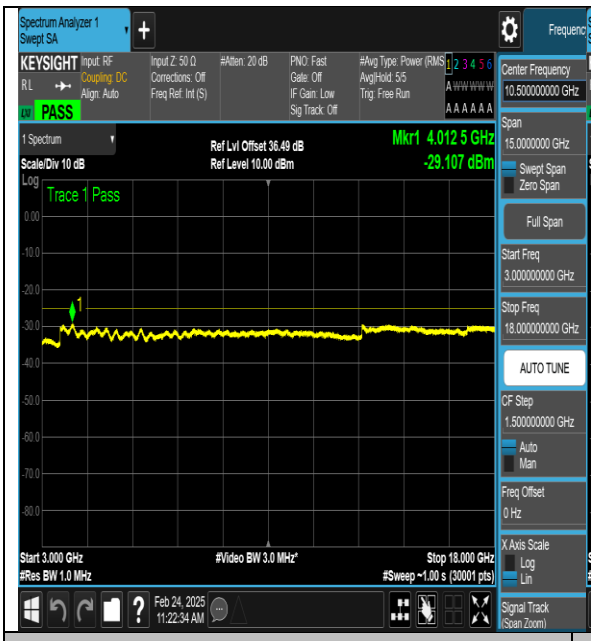
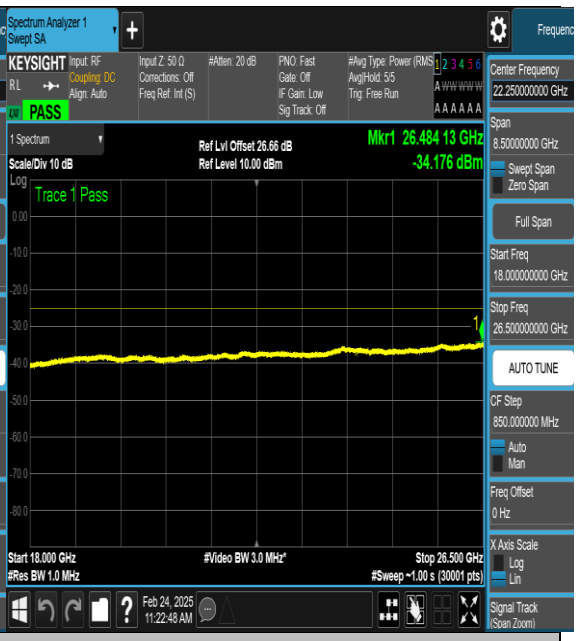
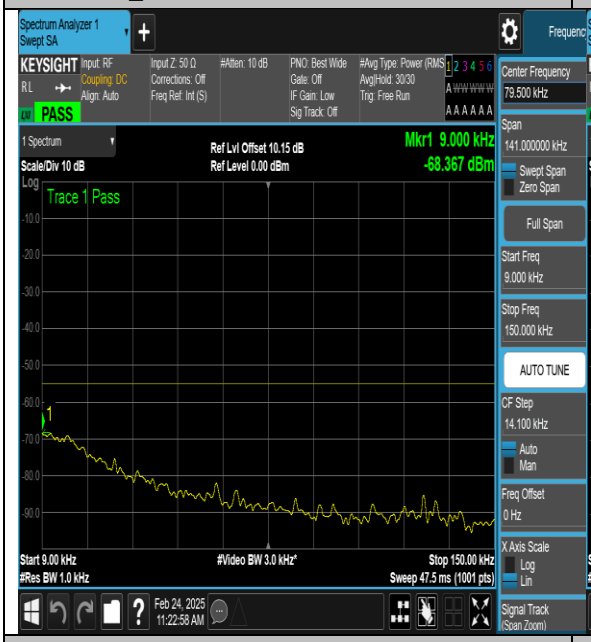


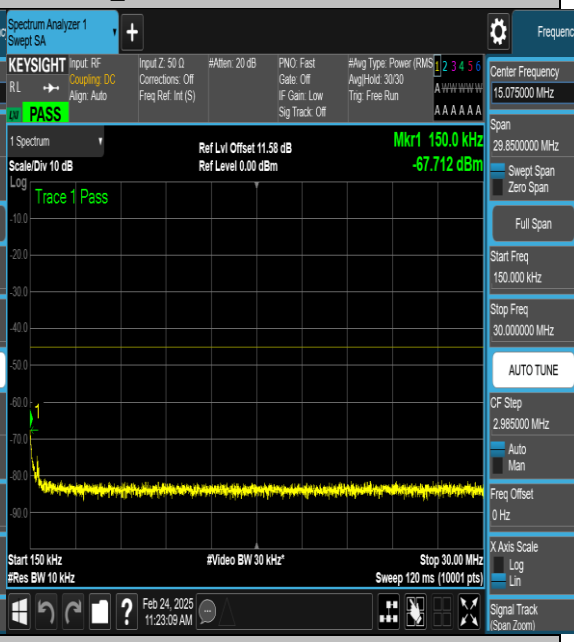
NTNV-N41-PC2-30-100-M-DFT-QPSK-Edge_1RB _Left-3000-18000-Ant1-PASS



NTNV-N41-PC2-30-100-M-DFT-QPSK-Edge_1RB _Left-18000-26500-Ant1-PASS



NTNV-N41-PC2-30-100-M-DFT-QPSK-Edge_1RB _Right-0.009-0.15-Ant1-PASS



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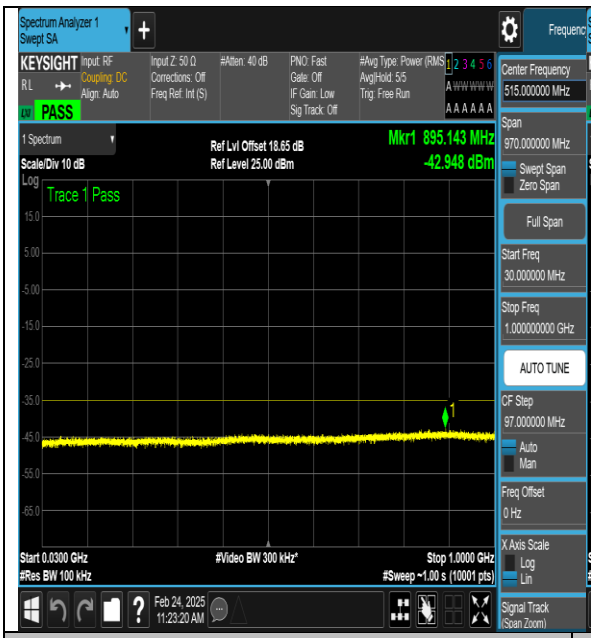

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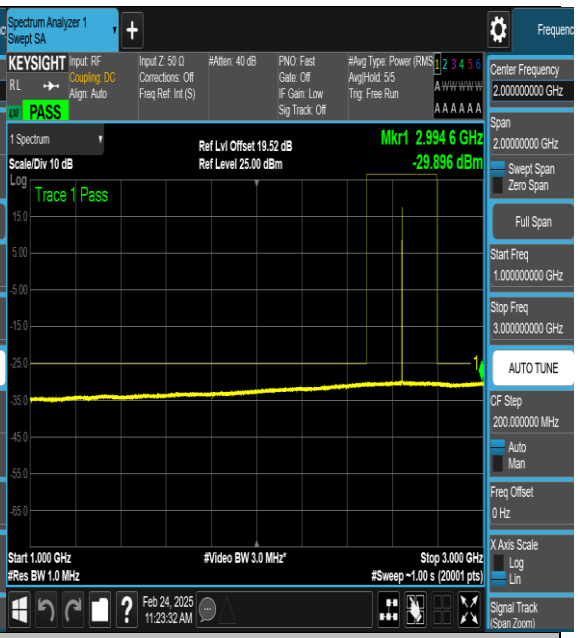

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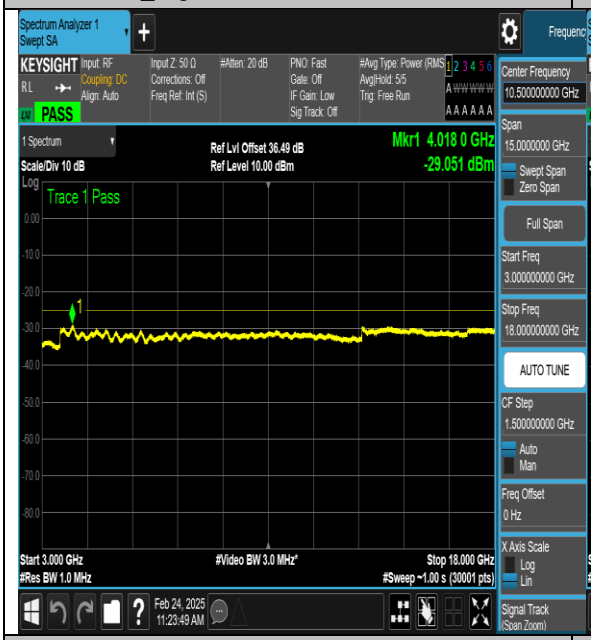
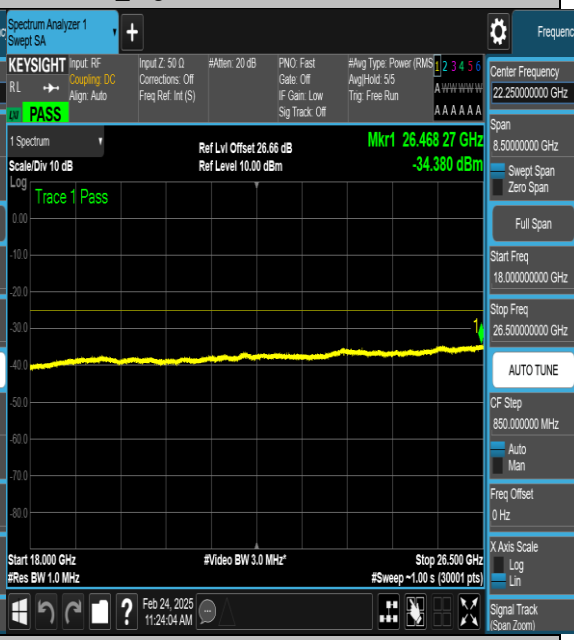


NTNV-N41-PC2-30-100-M-DFT-QPSK-Edge_1RB _Right-3000-18000-Ant1-PASS



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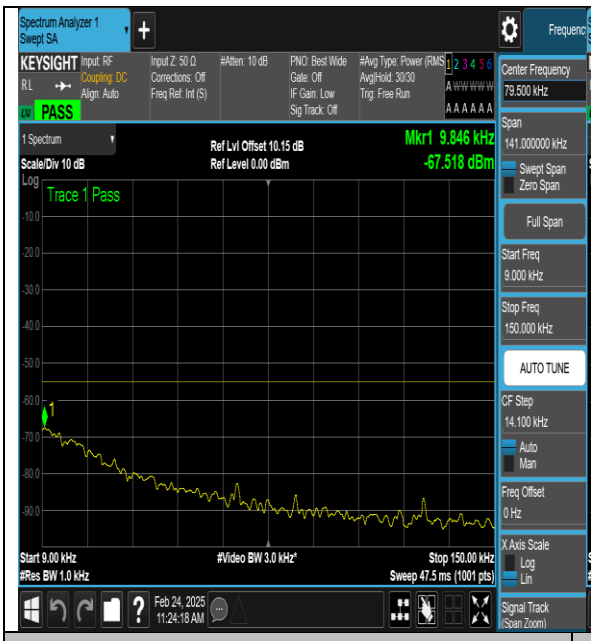

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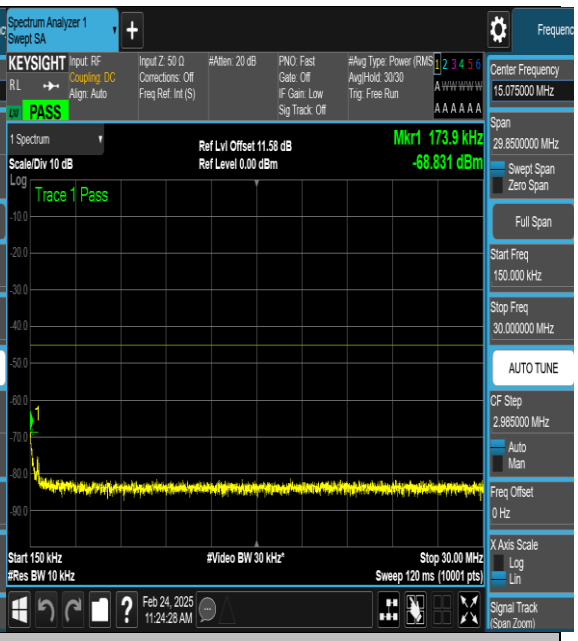

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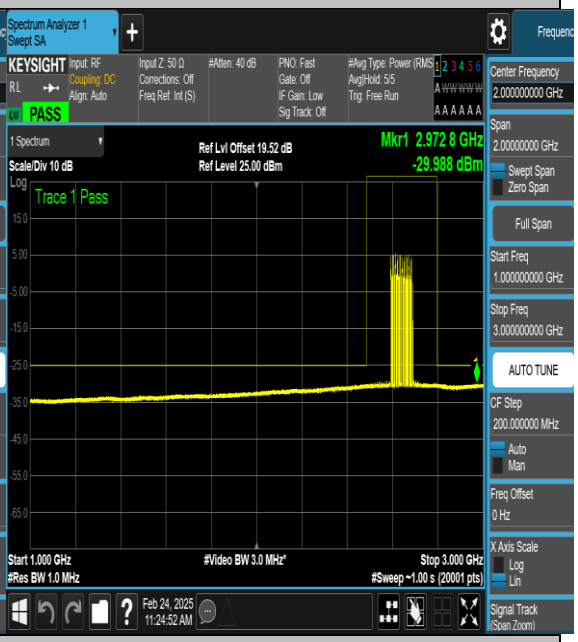

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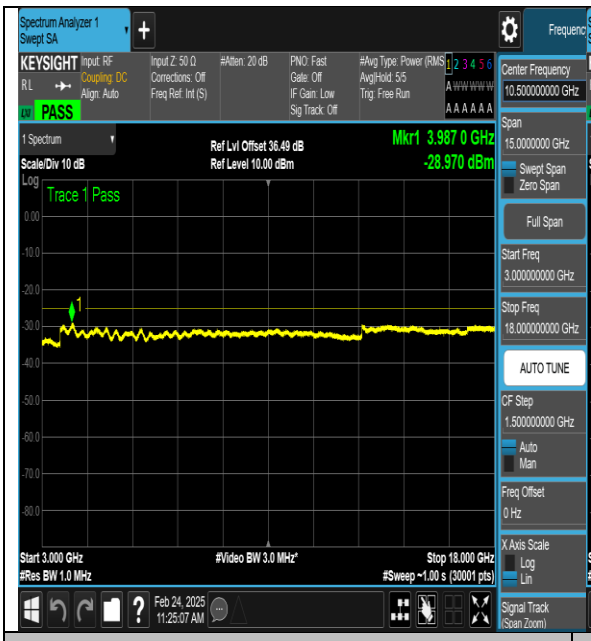

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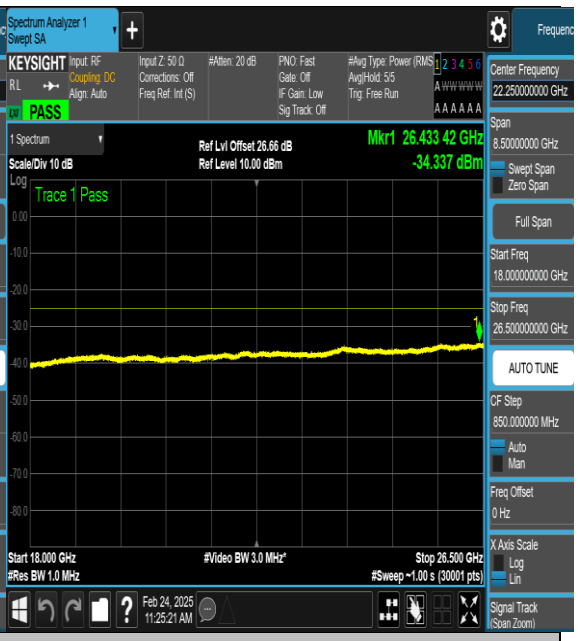

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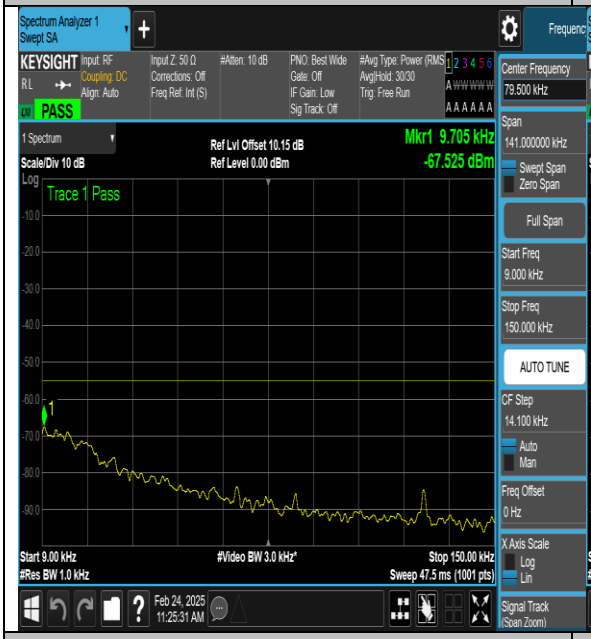

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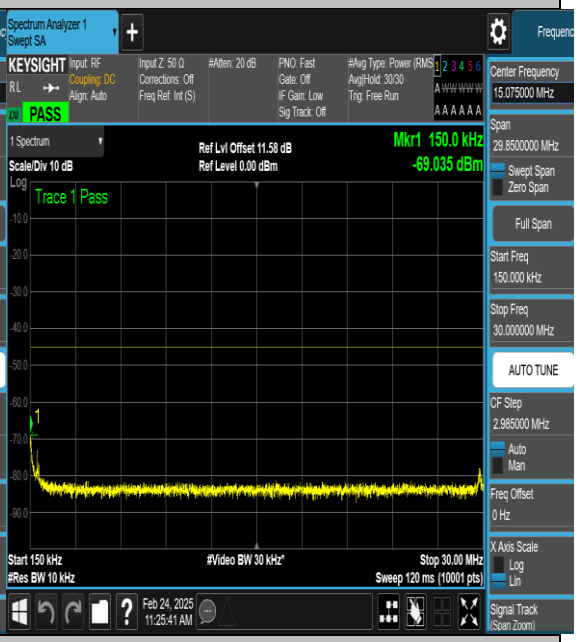
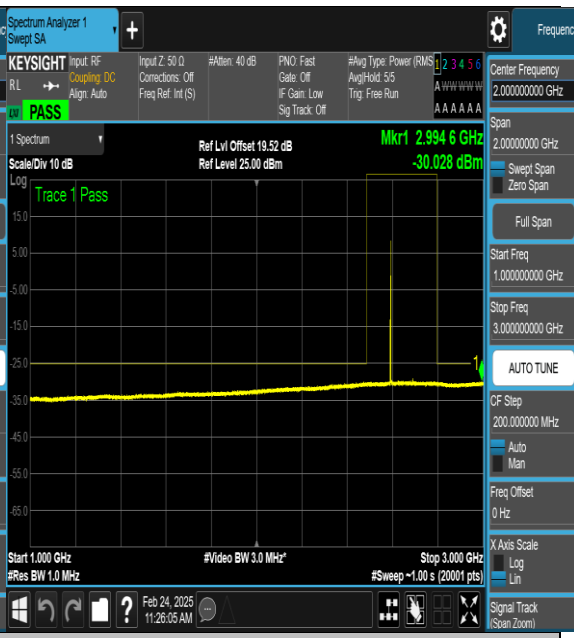
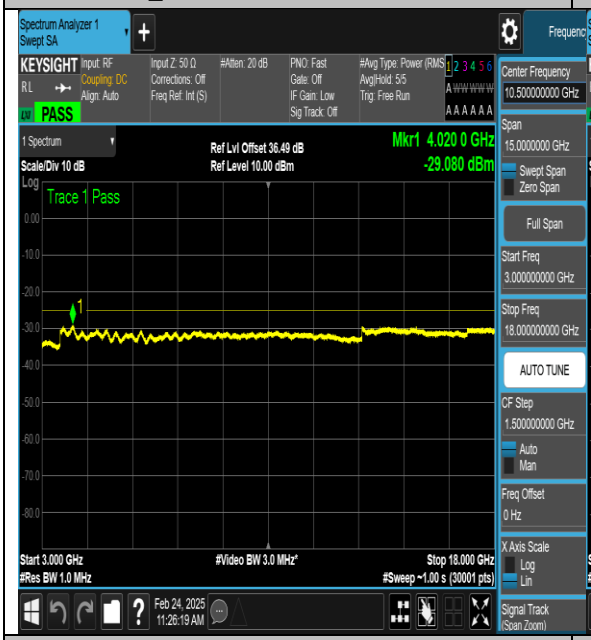


NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB_Left-0.15-30-Ant1-PASS

NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Left-30-1000-Ant1-PASS



NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Left-1000-3000-Ant1-PASS



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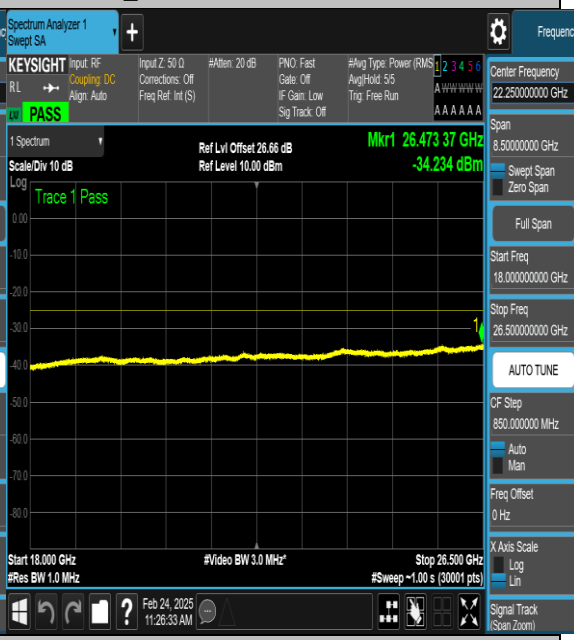
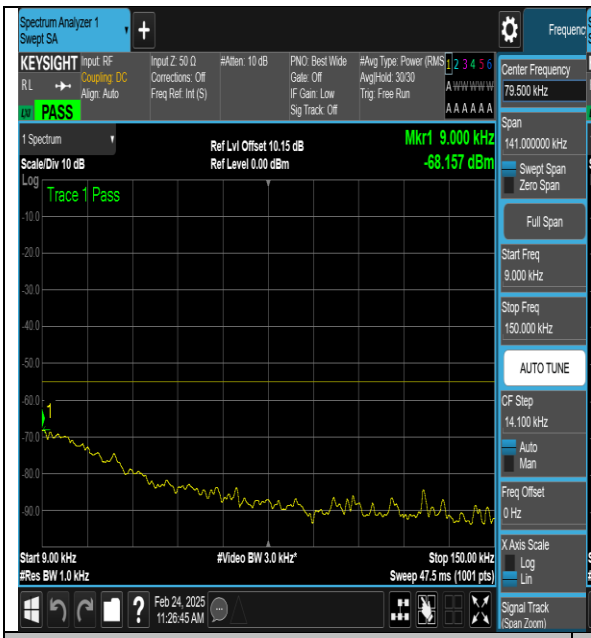


NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Left-18000-26500-Ant1-PASS



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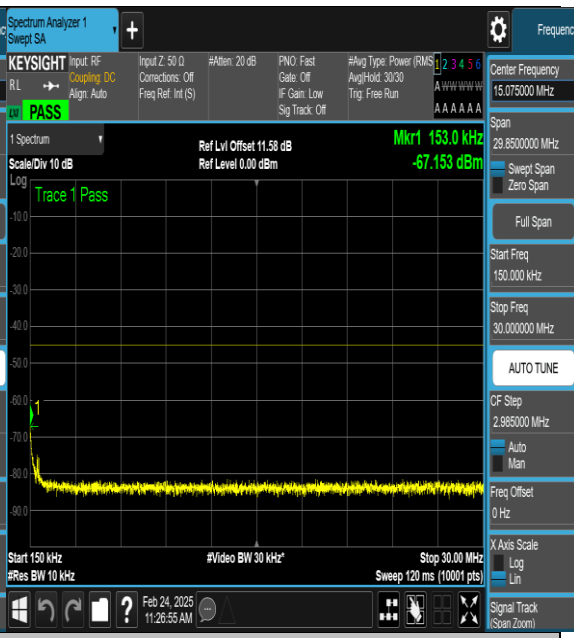
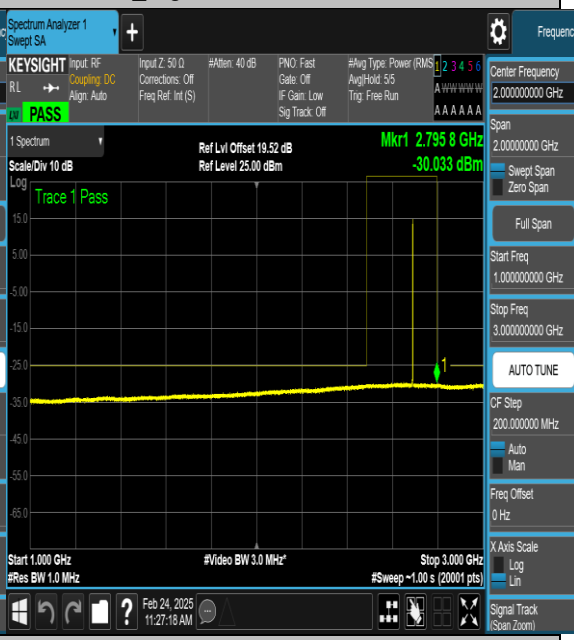


NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Right-0.15-30-Ant1-PASS

NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Right-30-1000-Ant1-PASS



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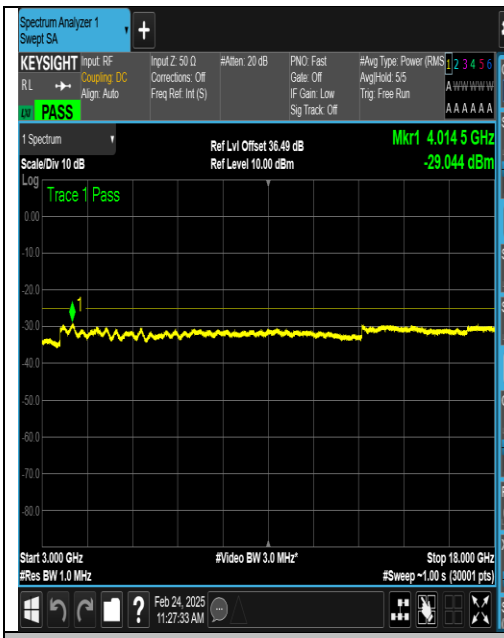
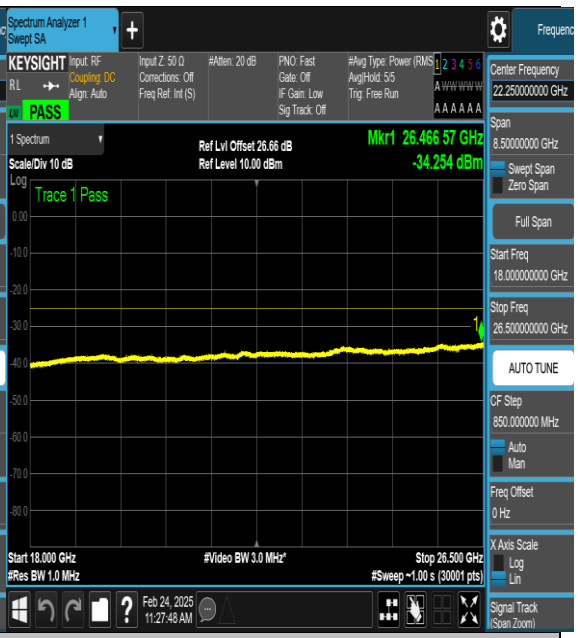


NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Right-3000-18000-Ant1-PASS



NTNV-N41-PC2-30-100-H-DFT-QPSK-Edge_1RB _Right-18000-26500-Ant1-PASS

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
N41	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-1.330000	-0.000531	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VN	NT	0.580000	0.000231	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-0.030000	-0.000012	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VL	NT	0.920000	0.000367	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VN	NT	2.730000	0.001089	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VH	NT	8.230000	0.003284	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VL	NT	1.130000	0.000436	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-3.820000	-0.001473	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VH	NT	0.170000	0.000066	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VL	NT	2.910000	0.001122	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-1.910000	-0.000737	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-1.330000	-0.000513	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-1.300000	-0.000485	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VN	NT	1.840000	0.000687	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-1.500000	-0.000560	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VL	NT	0.830000	0.000310	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-0.370000	-0.000138	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VH	NT	2.450000	0.000914	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-0.510000	-0.000203	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VN	NT	4.010000	0.001597	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-4.790000	-0.001908	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VL	NT	-4.170000	-0.001661	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VN	NT	2.220000	0.000884	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VH	NT	-2.400000	-0.000956	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-3.380000	-0.001304	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VN	NT	1.750000	0.000675	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-0.080000	-0.000031	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VL	NT	-0.160000	-0.000062	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VN	NT	-2.920000	-0.001126	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VH	NT	-2.490000	-0.000960	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VL	NT	0.610000	0.000228	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VN	NT	-4.720000	-0.001764	PASS

N41	30	30	DFT-QPSK	H	Outer_Full	VH	NT	2.009999	0.000751	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VL	NT	-2.450000	-0.000916	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VN	NT	-7.450000	-0.002785	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VH	NT	-4.480000	-0.001675	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-1.800000	-0.000715	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VN	NT	1.320000	0.000525	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VH	NT	1.120000	0.000445	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-2.200000	-0.000874	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-2.820000	-0.001121	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VH	NT	0.290000	0.000115	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-2.310000	-0.000891	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-5.390000	-0.002079	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-1.200000	-0.000463	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VL	NT	1.830000	0.000706	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-1.140000	-0.000440	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-4.300000	-0.001658	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-3.240000	-0.001213	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-3.540000	-0.001326	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-4.070000	-0.001524	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-4.950000	-0.001854	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-7.560000	-0.002831	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VH	NT	1.230000	0.000461	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VL	NT	1.570000	0.000623	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VN	NT	0.410000	0.000163	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VH	NT	1.090000	0.000432	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VL	NT	1.910000	0.000758	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VN	NT	1.460000	0.000579	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VH	NT	-5.950000	-0.002360	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-7.100000	-0.002738	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VN	NT	1.010000	0.000390	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VH	NT	4.510000	0.001739	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-3.840000	-0.001481	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VN	NT	0.890000	0.000343	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-1.260000	-0.000486	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-0.630000	-0.000236	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-5.090000	-0.001910	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-0.490000	-0.000184	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-3.770000	-0.001415	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-5.040000	-0.001891	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VH	NT	0.040000	0.000015	PASS

N41	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-1.650000	-0.000653	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-0.010000	-0.000004	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-4.480000	-0.001774	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-6.650000	-0.002633	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-3.760000	-0.001489	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VH	NT	2.210000	0.000875	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VL	NT	1.440000	0.000555	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-2.830000	-0.001091	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-5.620000	-0.002167	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-3.050000	-0.001176	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-6.420000	-0.002476	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-2.210000	-0.000852	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-8.140000	-0.003060	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-8.130000	-0.003056	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-4.210000	-0.001583	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-0.340000	-0.000128	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-6.020000	-0.002263	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-2.230000	-0.000838	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-5.480000	-0.002165	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VN	NT	4.730000	0.001869	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-0.480000	-0.000190	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VL	NT	1.010000	0.000399	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-0.830000	-0.000328	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VH	NT	0.060000	0.000024	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-4.290000	-0.001654	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-0.580000	-0.000224	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-3.220000	-0.001242	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-1.320000	-0.000509	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VN	NT	1.430000	0.000551	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-4.640000	-0.001789	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VL	NT	0.630000	0.000237	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-0.170000	-0.000064	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-0.640000	-0.000241	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-5.800000	-0.002185	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-2.760000	-0.001040	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-3.650000	-0.001375	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-1.160000	-0.000457	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VN	NT	3.480000	0.001372	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-0.990000	-0.000390	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VL	NT	3.660000	0.001443	PASS

N41	30	80	DFT-16QAM	L	Outer_Full	VN	NT	0.680000	0.000268	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-1.690000	-0.000666	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-4.030000	-0.001554	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-0.330000	-0.000127	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VH	NT	0.120000	0.000046	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-5.870000	-0.002264	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VN	NT	0.960000	0.000370	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-1.430000	-0.000551	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-4.320000	-0.001630	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-3.710000	-0.001400	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-2.830000	-0.001068	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-2.029999	-0.000766	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-3.340000	-0.001260	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-0.660000	-0.000248	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-9.540000	-0.003754	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-3.230000	-0.001271	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-0.340000	-0.000134	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-2.910000	-0.001145	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-4.059999	-0.001598	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VH	NT	1.660000	0.000653	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-6.420000	-0.002476	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-2.330000	-0.000899	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VH	NT	0.420000	0.000162	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-8.000000	-0.003085	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-3.620000	-0.001396	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VH	NT	4.630000	0.001786	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-4.890000	-0.001849	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-3.330000	-0.001259	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-2.580000	-0.000975	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-3.250000	-0.001229	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-3.780000	-0.001429	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VH	NT	0.920000	0.000348	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-2.140000	-0.000841	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-0.920000	-0.000361	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-1.900000	-0.000746	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-2.490000	-0.000977	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-4.470000	-0.001756	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-1.300000	-0.000510	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-1.730000	-0.000667	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-2.029999	-0.000783	PASS

N41	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-0.800000	-0.000309	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-6.140000	-0.002368	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-1.270000	-0.000490	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VH	NT	3.750000	0.001446	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-5.460000	-0.002068	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-3.160000	-0.001197	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VH	NT	0.370000	0.000140	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-0.090000	-0.000034	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-3.170000	-0.001201	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-5.590000	-0.002117	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-30	3.230000	0.001289	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-20	3.650000	0.001456	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-1.890000	-0.000754	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	0	-0.490000	-0.000196	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	10	0.670000	0.000267	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	20	3.880000	0.001548	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	30	1.950000	0.000778	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	40	1.370000	0.000547	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	50	2.480000	0.000990	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-30	4.139999	0.001652	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-0.440000	-0.000176	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-3.730000	-0.001488	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	0	0.060000	0.000024	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	10	-1.540000	-0.000615	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	20	3.010000	0.001201	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	30	2.790000	0.001113	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	40	2.790000	0.001113	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	50	0.720000	0.000287	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-30	1.570000	0.000605	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-8.550000	-0.003297	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-2.110000	-0.000814	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	0	-3.190000	-0.001230	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	10	3.890000	0.001500	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	20	-0.920000	-0.000355	PASS

N41	30	20	DFT-QPSK	M	Outer_Full	NV	30	-3.150000	-0.001215	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	40	-4.680000	-0.001805	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	50	0.820000	0.000316	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-1.670000	-0.000644	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-0.390000	-0.000150	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-4.410000	-0.001701	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	0	-5.100000	-0.001967	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	10	-2.820000	-0.001088	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	20	-5.980000	-0.002306	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	30	6.940000	0.002676	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	40	-1.330000	-0.000513	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	50	-2.670000	-0.001030	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-3.870000	-0.001444	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-0.030000	-0.000011	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-0.090000	-0.000034	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	0	-3.100000	-0.001157	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	10	-2.850000	-0.001063	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	20	-1.270000	-0.000474	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	30	-2.330000	-0.000869	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	40	4.099999	0.001530	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	50	-1.160000	-0.000433	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-3.750000	-0.001399	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-20	0.600000	0.000224	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-3.450000	-0.001287	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	0	1.530000	0.000571	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	10	-1.310000	-0.000488	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	20	1.600000	0.000597	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	30	1.680000	0.000627	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	40	-1.950000	-0.000728	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	50	-7.030000	-0.002623	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-0.480000	-0.000191	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-20	0.630000	0.000250	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-10	-1.920000	-0.000765	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	0	-3.810000	-0.001517	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	10	4.700000	0.001872	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	20	-5.090000	-0.002027	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	30	-2.460000	-0.000980	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	40	-1.670000	-0.000665	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	50	-4.800000	-0.001912	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-30	-3.450000	-0.001374	PASS

N41	30	30	DFT-16QAM	L	Outer_Full	NV	-20	-4.380000	-0.001744	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-10	-6.220000	-0.002477	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	0	-5.350000	-0.002131	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	10	1.040000	0.000414	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	20	-3.640000	-0.001450	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	30	0.570000	0.000227	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	40	-4.410000	-0.001756	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	50	-1.820000	-0.000725	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-30	2.950000	0.001138	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-3.460000	-0.001334	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-2.089999	-0.000806	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	0	0.070000	0.000027	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	10	-6.170000	-0.002379	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	20	-6.510000	-0.002511	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	30	-2.800000	-0.001080	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	40	-1.070000	-0.000413	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	50	-0.460000	-0.000177	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-30	-0.040000	-0.000015	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-20	-6.350000	-0.002449	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-10	-6.900000	-0.002661	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	0	-2.420000	-0.000933	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	10	-4.310000	-0.001662	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	20	-3.320000	-0.001280	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	30	-0.110000	-0.000042	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	40	1.480000	0.000571	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	50	-5.540000	-0.002137	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-2.840000	-0.001062	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-7.140000	-0.002669	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-10	-2.410000	-0.000901	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	0	-2.910000	-0.001088	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	10	-0.330000	-0.000123	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	20	-4.620000	-0.001727	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	30	-5.710000	-0.002135	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	40	-3.140000	-0.001174	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	50	-4.090000	-0.001529	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-30	-6.130000	-0.002292	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-20	-5.760000	-0.002153	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-10	-8.460000	-0.003163	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	0	-8.380000	-0.003133	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	10	-2.590000	-0.000968	PASS

N41	30	30	DFT-16QAM	H	Outer_Full	NV	20	0.480000	0.000179	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	30	-0.560000	-0.000209	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	40	-3.260000	-0.001219	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	50	-1.100000	-0.000411	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-2.370000	-0.000942	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-5.820000	-0.002313	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-1.050000	-0.000417	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	0	-4.010000	-0.001594	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	10	-1.530000	-0.000608	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	20	0.310000	0.000123	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	30	-4.099999	-0.001630	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	40	-2.320000	-0.000922	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	50	1.480000	0.000588	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-0.820000	-0.000326	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-2.450000	-0.000974	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-10	2.040000	0.000811	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	0	4.760000	0.001892	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	10	2.020000	0.000803	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	20	-4.550000	-0.001808	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	30	4.470000	0.001777	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	40	0.870000	0.000346	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	50	-6.040000	-0.002401	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-1.510000	-0.000582	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-4.510000	-0.001739	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-3.080000	-0.001188	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	0	2.780000	0.001072	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	10	-1.590000	-0.000613	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	20	-3.910000	-0.001508	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	30	-0.730000	-0.000282	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	40	-2.360000	-0.000910	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	50	-6.160000	-0.002376	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-3.770000	-0.001454	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-2.450000	-0.000945	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-5.980000	-0.002306	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	0	-2.610000	-0.001007	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	10	-2.040000	-0.000787	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	20	-2.690000	-0.001037	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	30	-5.650000	-0.002179	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	40	-7.980000	-0.003078	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	50	1.190000	0.000459	PASS

N41	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-5.600000	-0.002097	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-2.420000	-0.000906	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-10	1.220000	0.000457	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	0	-0.770000	-0.000288	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	10	-3.910000	-0.001464	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	20	4.130000	0.001547	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	30	-3.280000	-0.001228	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	40	-2.250000	-0.000843	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	50	-5.660000	-0.002120	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-30	0.160000	0.000060	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-4.560000	-0.001708	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-10	1.150000	0.000431	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	0	-3.440000	-0.001288	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	10	-1.830000	-0.000685	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	20	-2.029999	-0.000760	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	30	0.570000	0.000213	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	40	4.630000	0.001734	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	50	-1.160000	-0.000434	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-0.150000	-0.000059	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-20	5.830000	0.002313	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-1.680000	-0.000666	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	0	-0.840000	-0.000333	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	10	2.310000	0.000916	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	20	-6.150000	-0.002439	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	30	6.380000	0.002531	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	40	0.760000	0.000301	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	50	0.180000	0.000071	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-30	1.290000	0.000512	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-20	2.600000	0.001031	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-10	1.540000	0.000611	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	0	0.120000	0.000048	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	10	-3.870000	-0.001535	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	20	-2.540000	-0.001008	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	30	-4.019999	-0.001595	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	40	-3.920000	-0.001555	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	50	-0.800000	-0.000317	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-2.049999	-0.000791	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-5.290000	-0.002040	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-4.280000	-0.001651	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	0	2.690000	0.001037	PASS

N41	30	50	DFT-QPSK	M	Outer_Full	NV	10	1.100000	0.000424	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	20	-2.520000	-0.000972	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	30	-1.600000	-0.000617	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	40	-6.950000	-0.002680	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	50	0.130000	0.000050	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-0.340000	-0.000131	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-20	0.890000	0.000343	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-10	0.740000	0.000285	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	0	-2.130000	-0.000821	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	10	0.210000	0.000081	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	20	0.690000	0.000266	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	30	-5.580000	-0.002152	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	40	-1.300000	-0.000501	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	50	-2.400000	-0.000926	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-3.190000	-0.001197	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-1.490000	-0.000559	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-1.830000	-0.000687	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	0	-3.770000	-0.001415	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	10	-4.030000	-0.001512	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	20	-4.980000	-0.001869	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	30	-1.740000	-0.000653	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	40	-4.670000	-0.001752	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	50	-2.940000	-0.001103	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-2.060000	-0.000773	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-2.670000	-0.001002	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-1.510000	-0.000567	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	0	-0.720000	-0.000270	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	10	-7.120000	-0.002672	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	20	-3.880000	-0.001456	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	30	-1.350000	-0.000506	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	40	-7.330000	-0.002750	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	50	-5.110000	-0.001917	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-30	0.920000	0.000364	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-0.990000	-0.000392	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-1.230000	-0.000487	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	0	-1.150000	-0.000455	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	10	-2.630000	-0.001041	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	20	-1.710000	-0.000677	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	30	1.440000	0.000570	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	40	-2.270000	-0.000899	PASS

N41	30	60	DFT-QPSK	L	Outer_Full	NV	50	0.240000	0.000095	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-2.009999	-0.000796	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-0.380000	-0.000150	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-1.090000	-0.000432	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	0	4.080000	0.001615	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	10	-1.020000	-0.000404	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	20	-1.160000	-0.000459	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	30	-0.930000	-0.000368	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	40	-2.830000	-0.001120	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	50	2.270000	0.000899	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-30	0.970000	0.000374	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-1.640000	-0.000632	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-10	0.800000	0.000309	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	0	-2.200000	-0.000848	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	10	-1.210000	-0.000467	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	20	1.870000	0.000721	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	30	-2.710000	-0.001045	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	40	4.210000	0.001624	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	50	-2.250000	-0.000868	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-30	1.540000	0.000594	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-5.110000	-0.001971	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-10	-5.840000	-0.002252	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	0	0.220000	0.000085	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	10	0.300000	0.000116	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	20	0.280000	0.000108	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	30	-8.620000	-0.003324	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	40	-3.290000	-0.001269	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	50	4.240000	0.001635	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-2.730000	-0.001026	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-7.780000	-0.002925	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-3.840000	-0.001444	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	0	-6.690000	-0.002515	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	10	-5.340000	-0.002007	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	20	-6.380000	-0.002399	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	30	-5.140000	-0.001932	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	40	-1.510000	-0.000568	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	50	0.990000	0.000372	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-30	0.610000	0.000229	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-20	0.480000	0.000180	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-3.450000	-0.001297	PASS

N41	30	60	DFT-16QAM	H	Outer_Full	NV	0	0.980000	0.000368	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	10	-7.610000	-0.002861	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	20	-6.390000	-0.002402	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	30	-2.060000	-0.000774	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	40	-3.370000	-0.001267	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	50	-3.410000	-0.001282	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-30	0.860000	0.000340	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-20	4.460000	0.001762	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-4.870000	-0.001924	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	0	-0.230000	-0.000091	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	10	-3.010000	-0.001189	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	20	-1.260000	-0.000497	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	30	-0.650000	-0.000257	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	40	-4.620000	-0.001825	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	50	-3.180000	-0.001256	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-1.160000	-0.000458	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-1.150000	-0.000454	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-1.040000	-0.000411	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	0	0.670000	0.000265	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	10	-2.550000	-0.001008	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	20	-1.750000	-0.000691	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	30	-6.470000	-0.002556	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	40	-1.440000	-0.000569	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	50	-1.160000	-0.000458	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-2.440000	-0.000941	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-0.400000	-0.000154	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-2.720000	-0.001049	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	0	-3.170000	-0.001223	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	10	-6.240000	-0.002406	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	20	0.510000	0.000197	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	30	-1.450000	-0.000559	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	40	-3.100000	-0.001196	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	50	-6.660000	-0.002568	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-5.330000	-0.002056	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-2.620000	-0.001010	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-10	-2.940000	-0.001134	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	0	-2.620000	-0.001010	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	10	-0.310000	-0.000120	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	20	-5.150000	-0.001986	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	30	-1.380000	-0.000532	PASS

N41	30	70	DFT-16QAM	M	Outer_Full	NV	40	-1.290000	-0.000497	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	50	-6.430000	-0.002480	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-2.320000	-0.000874	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-3.750000	-0.001412	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-6.880000	-0.002591	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	0	-6.460000	-0.002433	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	10	-1.430000	-0.000539	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	20	5.380000	0.002026	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	30	-4.790000	-0.001804	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	40	0.160000	0.000060	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	50	-3.110000	-0.001171	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-30	-0.950000	-0.000358	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-1.230000	-0.000463	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-2.300000	-0.000866	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	0	-3.230000	-0.001217	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	10	-1.510000	-0.000569	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	20	-5.120000	-0.001928	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	30	-2.350000	-0.000885	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	40	-4.420000	-0.001665	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	50	2.060000	0.000776	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-1.550000	-0.000611	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-4.220000	-0.001664	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-1.120000	-0.000442	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	0	-4.910000	-0.001936	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	10	1.050000	0.000414	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	20	0.730000	0.000288	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	30	-2.530000	-0.000998	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	40	2.840000	0.001120	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	50	1.120000	0.000442	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-2.069999	-0.000816	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-20	1.980000	0.000781	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-10	2.670000	0.001053	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	0	4.080000	0.001609	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	10	-3.200000	-0.001262	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	20	1.250000	0.000492	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	30	-3.280000	-0.001293	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	40	-2.620000	-0.001033	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	50	-0.730000	-0.000288	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-4.270000	-0.001647	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-5.870000	-0.002264	PASS

N41	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-1.890000	-0.000729	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	0	-5.170000	-0.001994	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	10	-5.120000	-0.001975	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	20	-7.710000	-0.002973	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	30	-9.040000	-0.003486	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	40	-3.320000	-0.001280	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	50	-1.040000	-0.000401	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-2.040000	-0.000787	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-3.190000	-0.001230	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-5.440000	-0.002098	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	0	1.110000	0.000428	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	10	-7.960000	-0.003070	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	20	-0.070000	-0.000027	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	30	-0.070000	-0.000027	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	40	-1.240000	-0.000478	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	50	-2.140000	-0.000825	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-6.280000	-0.002370	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-4.480000	-0.001691	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-2.670000	-0.001008	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	0	-9.170000	-0.003460	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	10	-4.300000	-0.001623	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	20	-3.680000	-0.001389	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	30	-1.470000	-0.000555	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	40	-8.220000	-0.003102	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	50	-5.470000	-0.002064	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-5.960000	-0.002249	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-8.530000	-0.003219	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-10	-1.610000	-0.000608	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	0	-0.340000	-0.000128	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	10	-7.850000	-0.002962	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	20	-3.530000	-0.001332	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	30	-6.950000	-0.002623	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	40	-2.730000	-0.001030	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	50	-9.000000	-0.003396	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-30	0.150000	0.000059	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-0.740000	-0.000291	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-4.179999	-0.001645	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	0	-4.220000	-0.001661	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	10	-1.890000	-0.000744	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	20	-0.660000	-0.000260	PASS

N41	30	90	DFT-QPSK	L	Outer_Full	NV	30	-2.450000	-0.000964	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	40	-4.710000	-0.001854	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	50	1.250000	0.000492	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-0.650000	-0.000256	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-3.770000	-0.001484	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-1.400000	-0.000551	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	0	-1.600000	-0.000630	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	10	-3.170000	-0.001248	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	20	3.110000	0.001224	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	30	-1.530000	-0.000602	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	40	-1.170000	-0.000460	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	50	-2.850000	-0.001122	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-30	1.270000	0.000490	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-8.050000	-0.003105	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-1.780000	-0.000686	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	0	1.660000	0.000640	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	10	-0.450000	-0.000174	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	20	2.630000	0.001013	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	30	-1.360000	-0.000524	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	40	-2.660000	-0.001026	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	50	-1.850000	-0.000713	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-30	-3.670000	-0.001415	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-7.170000	-0.002765	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-4.440000	-0.001712	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	0	-3.010000	-0.001161	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	10	-2.980000	-0.001149	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	20	-4.179999	-0.001612	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	30	-4.090000	-0.001577	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	40	-6.090000	-0.002349	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	50	-2.910000	-0.001122	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-3.440000	-0.001301	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-6.310000	-0.002386	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-7.410000	-0.002802	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	0	-1.930000	-0.000730	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	10	-3.040000	-0.001149	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	20	-0.900000	-0.000340	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	30	-5.980000	-0.002261	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	40	1.340000	0.000506	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	50	2.069999	0.000783	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-5.480000	-0.002072	PASS

N41	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-4.850000	-0.001834	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-2.570000	-0.000972	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	0	-0.810000	-0.000306	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	10	-2.480000	-0.000938	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	20	-1.810000	-0.000684	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	30	-5.800000	-0.002193	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	40	-1.560000	-0.000590	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	50	0.840000	0.000318	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-30	1.440000	0.000566	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-0.220000	-0.000086	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-1.020000	-0.000401	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	0	1.790000	0.000703	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	10	-2.500000	-0.000982	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	20	-0.670000	-0.000263	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	30	-6.870000	-0.002698	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	40	2.360000	0.000927	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	50	-2.490000	-0.000977	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-1.960000	-0.000770	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-20	0.670000	0.000263	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-3.510000	-0.001379	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	0	-2.410000	-0.000947	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	10	-3.920000	-0.001540	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	20	2.150000	0.000844	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	30	-1.020000	-0.000401	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	40	-1.610000	-0.000632	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	50	-4.240000	-0.001665	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-1.430000	-0.000551	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-3.650000	-0.001408	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-2.029999	-0.000783	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	0	0.850000	0.000328	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	10	-6.260000	-0.002414	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	20	-6.350000	-0.002449	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	30	-1.590000	-0.000613	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	40	-2.840000	-0.001095	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	50	-3.220000	-0.001242	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-5.440000	-0.002098	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-2.590000	-0.000999	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-6.560000	-0.002530	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	0	-3.010000	-0.001161	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	10	-5.360000	-0.002067	PASS

N41	30	100	DFT-16QAM	M	Outer_Full	NV	20	-3.240000	-0.001250	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	30	-2.550000	-0.000982	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	40	-1.690000	-0.000652	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	50	-0.420000	-0.000162	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-8.550000	-0.003239	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-20	1.600000	0.000606	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-1.170000	-0.000443	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	0	1.420000	0.000538	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	10	-6.930000	-0.002625	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	20	-9.600000	-0.003636	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	30	-3.310000	-0.001254	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	40	0.310000	0.000117	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	50	2.200000	0.000833	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-30	0.540000	0.000205	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-20	3.090000	0.001170	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-3.380000	-0.001280	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	0	-3.650000	-0.001383	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	10	-0.370000	-0.000140	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	20	-0.530000	-0.000201	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	30	2.950000	0.001117	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	40	-0.310000	-0.000117	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	50	-5.700000	-0.002159	PASS