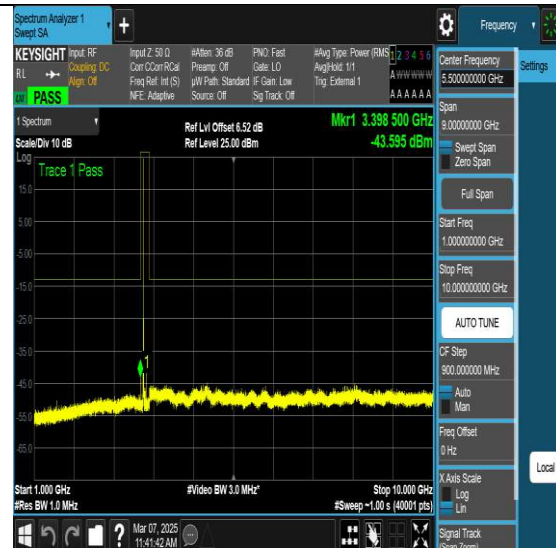




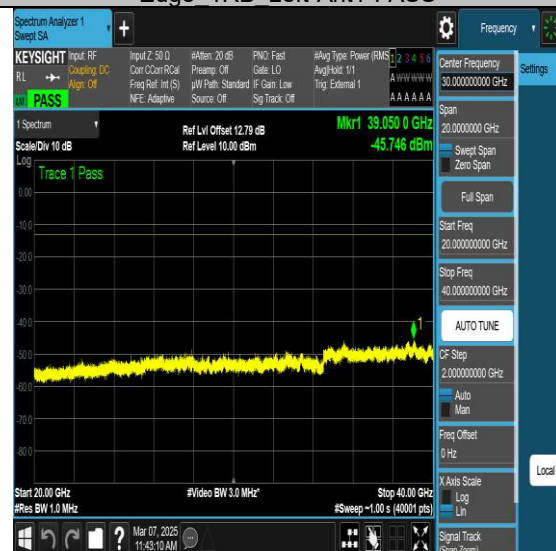
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Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



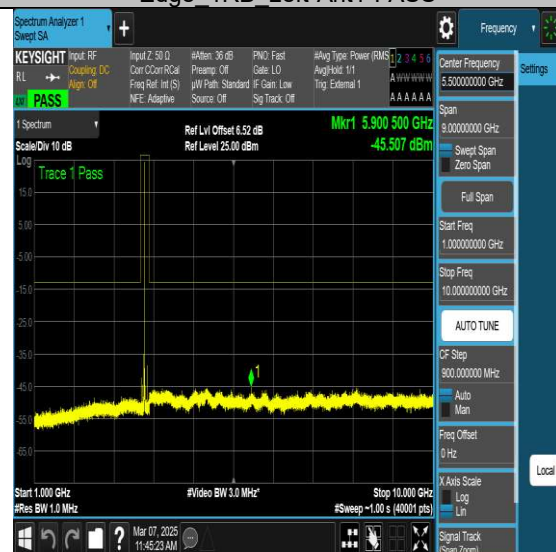
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Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



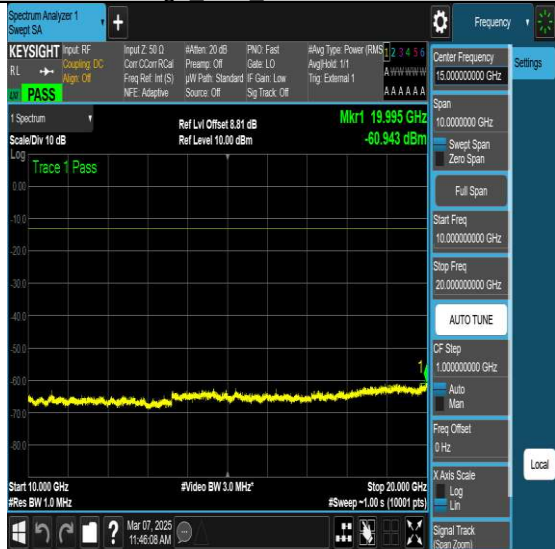
NTNV-N77-3450-3550-PC2-30-70-H-DFT-QPSK-



NTNV-N77-3450-3550-PC2-30-70-H-DFT-QPSK-



Edge 1RB Left-Ant1-PASS



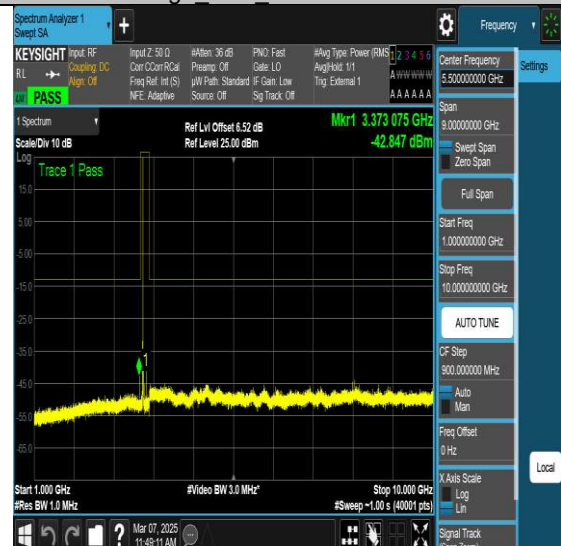
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



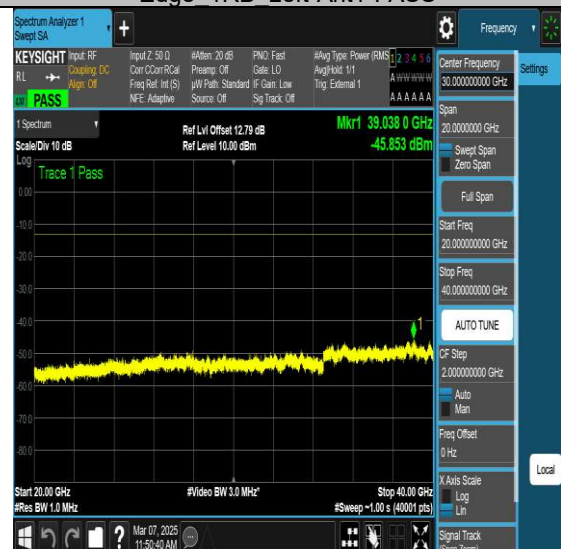
NTNV-N77-3450-3550-PC2-30-70-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-
Edge 1RB Left-Ant1-PASS

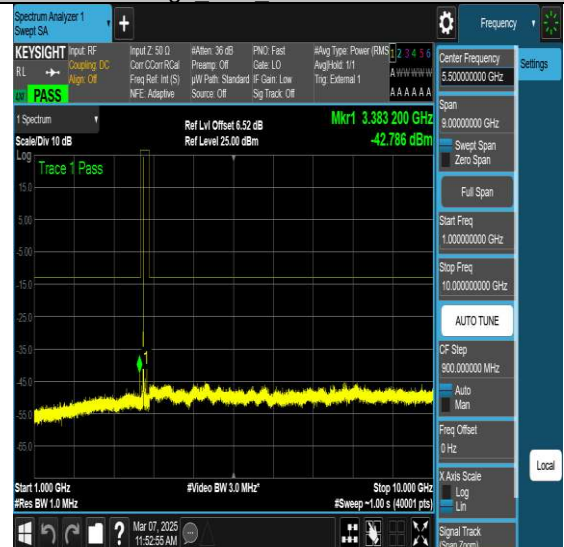




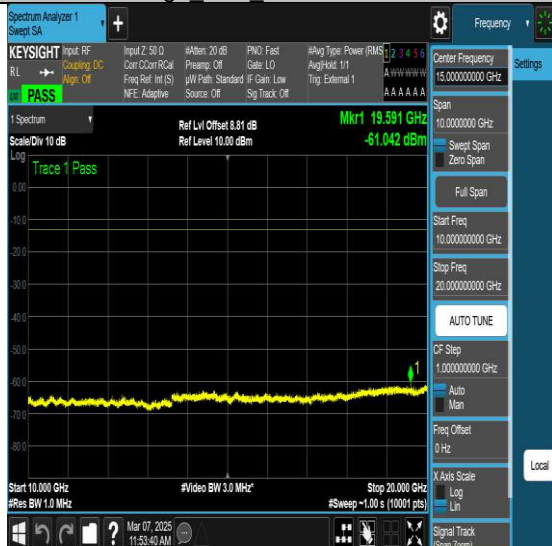
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Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS

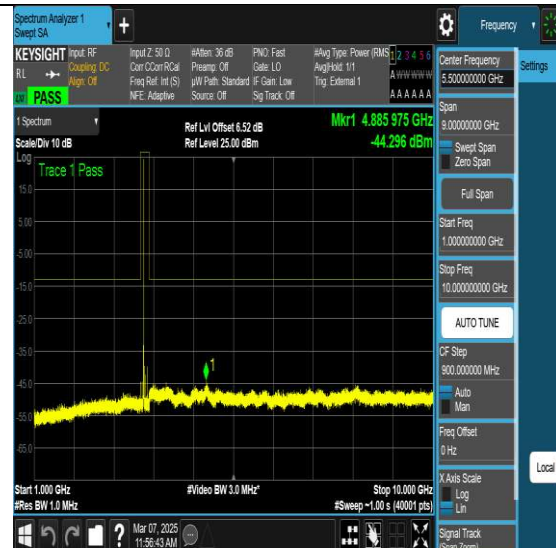


NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS

NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



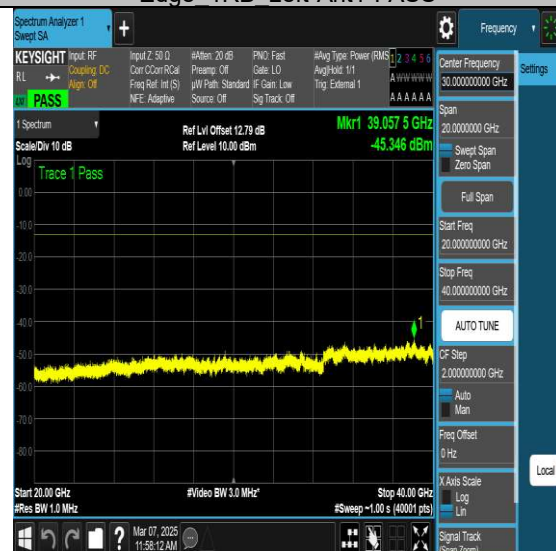
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Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



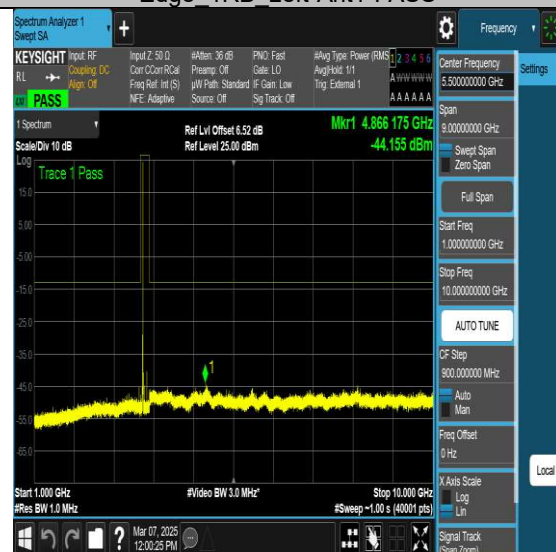
NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-L-DFT-QPSK-



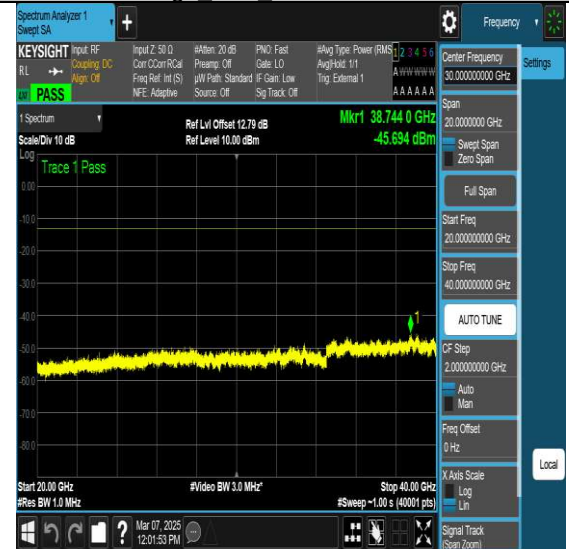
NTNV-N77-3450-3550-PC2-30-90-L-DFT-QPSK-



Edge 1RB Left-Ant1-PASS



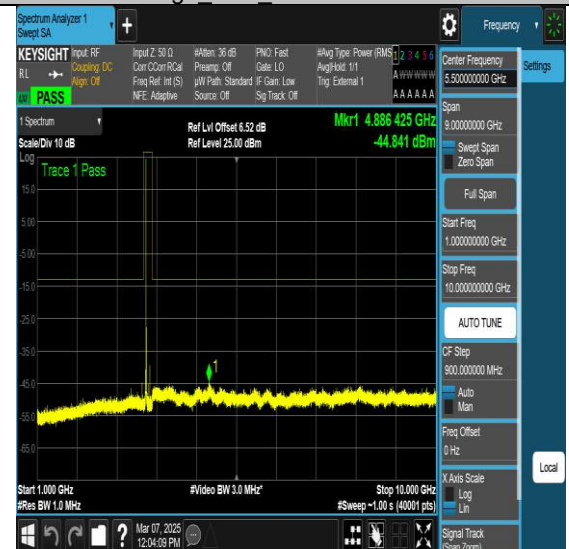
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-L-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-L-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS

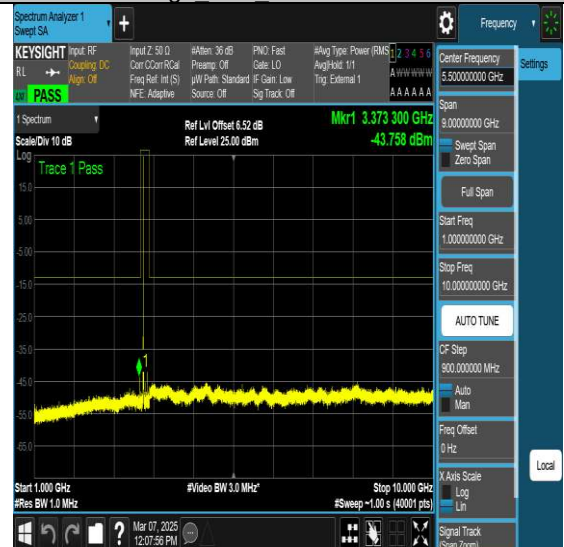




NTNV-N77-3450-3550-PC2-30-90-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-M-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-90-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS

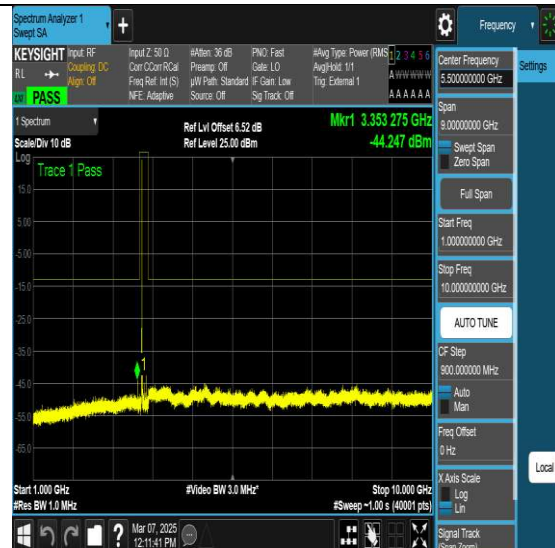


NTNV-N77-3450-3550-PC2-30-90-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS

NTNV-N77-3450-3550-PC2-30-90-H-DFT-QPSK-
Edge 1RB Left-Ant1-PASS



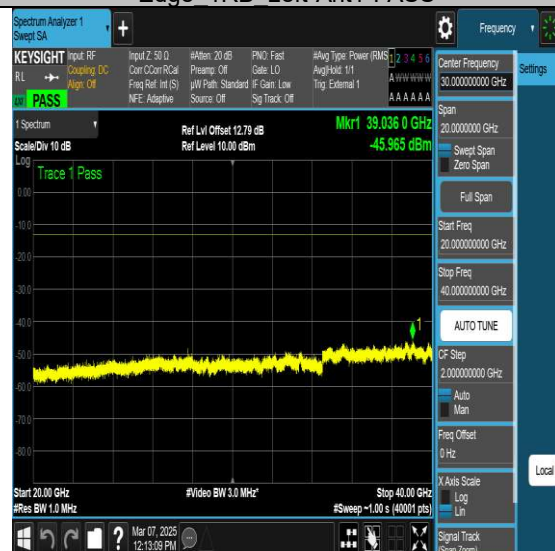
NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Edge 1RB Left-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Edge 1RB Left-Ant1-PASS



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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
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VL	NT	-9.812000	- 0.002840	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-8.978000	- 0.002599	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-6.168000	- 0.001785	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-3.831000	- 0.001095	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-8.466000	- 0.002419	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	0.430000	0.000123	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-8.279999	- 0.002336	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VN	NT	-2.581000	- 0.000728	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VH	NT	-0.326000	- 0.000092	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-8.992000	- 0.002601	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	VN	NT	0.360000	0.000104	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-5.159000	- 0.001492	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-5.281000	- 0.001509	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	0.704000	0.000201	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-3.215000	- 0.000919	PASS
N77-	30	15	DFT-QPSK	H	Outer_Full	VL	NT	-4.614000	-	PASS



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3450-3550									0.001302	
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	VN	NT	-1.112000	- 0.000314	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-8.106000	- 0.002288	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-11.503000	- 0.003325	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-5.158000	- 0.001491	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-10.304000	- 0.002978	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-6.103000	- 0.001744	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-2.780000	- 0.000794	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-4.393000	- 0.001255	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.600000	- 0.001299	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	2.608000	0.000737	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-5.250000	- 0.001483	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	VL	NT	-6.092000	- 0.001759	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	VN	NT	-4.304000	- 0.001243	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	VH	NT	-2.967000	- 0.000857	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VL	NT	-4.675000	- 0.001336	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VN	NT	-6.281000	- 0.001795	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	VH	NT	-2.696000	- 0.000770	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	VL	NT	-2.444000	- 0.000691	PASS



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3550										
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	VN	NT	-0.266000	- 0.000075	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	VH	NT	-5.112000	- 0.001445	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-8.218999	- 0.002372	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	VN	NT	-10.176000	- 0.002937	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-6.291000	- 0.001816	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-4.311000	- 0.001232	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-7.302000	- 0.002086	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-8.241000	- 0.002355	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	VL	NT	-3.512000	- 0.000993	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	VN	NT	-8.673000	- 0.002453	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	VH	NT	-6.355000	- 0.001798	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-4.861000	- 0.001401	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	VN	NT	0.708000	0.000204	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	1.016000	0.000293	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-8.878000	- 0.002537	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-13.567000	- 0.003876	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-8.212999	- 0.002347	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-4.646000	- 0.001316	PASS

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N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-6.298000	- 0.001784	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-11.862000	- 0.003360	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-12.504000	- 0.003598	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-1.319000	- 0.000380	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-11.106000	- 0.003196	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-6.737000	- 0.001925	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-7.081000	- 0.002023	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-4.268000	- 0.001219	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-3.926000	- 0.001114	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-12.098000	- 0.003432	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-5.126000	- 0.001454	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-3.304000	- 0.000949	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-7.673000	- 0.002205	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-11.269000	- 0.003238	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-4.878000	- 0.001394	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-3.486000	- 0.000995	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-0.651000	- 0.000186	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-4.902000	- 0.001393	PASS
N77-	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-3.696000	-	PASS



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3450-3550									0.001050	
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-1.429000	- 0.000406	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-11.249000	- 0.003228	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-8.298000	- 0.002381	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-2.764000	- 0.000793	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-0.841000	- 0.000240	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-5.515000	- 0.001576	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-8.231999	- 0.002352	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-9.718000	- 0.002765	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-2.659000	- 0.000756	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-9.482000	- 0.002698	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-10.214000	- 0.002927	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-1.884000	- 0.000540	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-7.333000	- 0.002101	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-1.181000	- 0.000337	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-8.122000	- 0.002321	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-4.558000	- 0.001302	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	0.304000	0.000087	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-0.867000	- 0.000247	PASS



3550										
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-3.710000	- 0.001057	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	0.504000	0.000144	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-6.234000	- 0.001784	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-4.049000	- 0.001159	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	2.593000	0.000741	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-1.376000	- 0.000393	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-1.176000	- 0.000336	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-2.930000	- 0.000836	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-12.703000	- 0.003624	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-0.754000	- 0.000215	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	4.206000	0.001202	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-1.494000	- 0.000427	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-0.616000	- 0.000176	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-30	-8.127000	- 0.002352	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-12.085000	- 0.003498	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-7.541000	- 0.002183	PASS



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3550										
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	0	-8.279999	- 0.002397	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	10	-5.985000	- 0.001732	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	20	-5.679000	- 0.001644	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	30	-12.646000	- 0.003660	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	40	-7.060000	- 0.002043	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	NV	50	-13.667000	- 0.003956	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-11.058000	- 0.003159	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-0.515000	- 0.000147	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-4.794000	- 0.001370	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	-6.140000	- 0.001754	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	10	-4.909000	- 0.001403	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-6.298000	- 0.001799	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-2.846000	- 0.000813	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-6.583000	- 0.001881	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	-5.787000	- 0.001653	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-6.275000	- 0.001770	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-4.349000	- 0.001227	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-2.514000	- 0.000709	PASS



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N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	0	-5.262000	- 0.001484	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	10	2.916000	0.000823	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	20	-5.683000	- 0.001603	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	30	-1.302000	- 0.000367	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	40	-1.074000	- 0.000303	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	NV	50	-3.297000	- 0.000930	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-30	-1.843000	- 0.000533	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-4.386000	- 0.001269	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-4.449000	- 0.001287	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	0	-3.473000	- 0.001003	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	10	1.076000	0.000311	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	20	-1.666000	- 0.000482	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	30	-2.867000	- 0.000829	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	40	-12.560000	- 0.003633	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	NV	50	-1.571000	- 0.000454	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-6.602000	- 0.001886	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-6.197000	- 0.001771	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-4.913000	- 0.001404	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	-2.351000	-	PASS



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3450-3550									0.000672	
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-3.564000	- 0.001018	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-1.736000	- 0.000496	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-3.553000	- 0.001015	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-3.651000	- 0.001043	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-5.753000	- 0.001644	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-6.758000	- 0.001908	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-20	-6.909000	- 0.001950	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-1.583000	- 0.000447	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	0	-4.491000	- 0.001268	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	10	-1.010999	- 0.000285	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	20	0.642000	0.000181	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	30	-5.483000	- 0.001548	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	40	-1.324000	- 0.000374	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	NV	50	-11.115000	- 0.003138	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-3.399000	- 0.000982	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-3.303000	- 0.000955	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-3.786000	- 0.001094	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-6.286000	- 0.001817	PASS



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3550										
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-6.767000	- 0.001955	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-10.998000	- 0.003179	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-3.778000	- 0.001092	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-1.952000	- 0.000564	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-4.167000	- 0.001204	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-1.991000	- 0.000569	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	1.519000	0.000434	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-1.892000	- 0.000541	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	0.676000	0.000193	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-4.538000	- 0.001297	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	0.056000	0.000016	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	1.747000	0.000499	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-4.237000	- 0.001211	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-3.949000	- 0.001128	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-3.659000	- 0.001034	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-1.020000	- 0.000288	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-3.491000	- 0.000985	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	-2.182000	- 0.000616	PASS



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N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	10	-7.119000	- 0.002011	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	1.658000	0.000468	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-2.121000	- 0.000599	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	-5.170000	- 0.001460	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-0.753000	- 0.000213	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	-30	-3.257000	- 0.000941	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	-20	-5.496000	- 0.001587	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	-10	-3.221000	- 0.000930	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	0	-4.261000	- 0.001231	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	10	-5.579000	- 0.001611	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	20	-6.549000	- 0.001891	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	30	-5.827000	- 0.001683	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	40	-3.071000	- 0.000887	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	NV	50	-7.960000	- 0.002299	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-30	-0.170000	- 0.000049	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-20	-4.136000	- 0.001182	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	-10	-5.115000	- 0.001461	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	0	-6.154000	- 0.001758	PASS
N77-	30	25	DFT-QPSK	M	Outer_Full	NV	10	-3.261000	-	PASS



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3450-3550									0.000932	
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	20	-7.357000	- 0.002102	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	30	-6.065000	- 0.001733	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	40	-4.922000	- 0.001406	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	NV	50	-5.963000	- 0.001704	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	-30	-4.447000	- 0.001257	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	-20	-3.332000	- 0.000942	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	-10	-5.774000	- 0.001632	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	0	-5.668000	- 0.001602	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	10	2.527000	0.000714	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	20	-5.065000	- 0.001432	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	30	-1.604000	- 0.000453	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	40	-3.188000	- 0.000901	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	NV	50	-8.825000	- 0.002495	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-9.671000	- 0.002791	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-20	-9.078000	- 0.002620	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-10	-5.954000	- 0.001718	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	0	-6.842000	- 0.001975	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	10	-6.965000	- 0.002010	PASS



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3550										
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	20	-3.176000	- 0.000917	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	30	-9.687000	- 0.002796	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	40	-2.352000	- 0.000679	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	NV	50	-6.342000	- 0.001830	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-4.662000	- 0.001332	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-7.659000	- 0.002188	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-7.543000	- 0.002155	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	0	-3.007000	- 0.000859	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	10	-4.835000	- 0.001381	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	20	-6.144000	- 0.001755	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	30	-5.333000	- 0.001524	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	40	-3.184000	- 0.000910	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	NV	50	-3.506000	- 0.001002	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-9.709000	- 0.002747	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-10.026000	- 0.002836	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-10	-10.651000	- 0.003013	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	0	-6.230000	- 0.001762	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	10	-6.347000	- 0.001795	PASS



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N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	20	-3.860000	- 0.001092	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	30	-3.838000	- 0.001086	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	40	-2.371000	- 0.000671	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	NV	50	-7.703000	- 0.002179	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-5.577000	- 0.001607	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-1.490000	- 0.000429	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-1.566000	- 0.000451	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	-3.268000	- 0.000942	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	-8.830000	- 0.002545	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-5.639000	- 0.001625	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	30	-0.945000	- 0.000272	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	40	-3.795000	- 0.001094	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	-4.837000	- 0.001394	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-2.277000	- 0.000651	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-5.335000	- 0.001524	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-13.495000	- 0.003856	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-7.076000	- 0.002022	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-7.675000	- 0.002193	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	-8.533000	-	PASS



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3450-3550									0.002438	
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-10.323000	- 0.002949	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-6.212000	- 0.001775	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-9.325000	- 0.002664	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	0.295000	0.000084	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-8.699000	- 0.002464	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-9.821000	- 0.002782	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	-4.771000	- 0.001352	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-2.609000	- 0.000739	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	-3.527000	- 0.000999	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-7.913000	- 0.002242	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-5.501000	- 0.001558	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-3.155000	- 0.000894	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-4.916000	- 0.001415	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-2.599000	- 0.000748	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-8.646000	- 0.002488	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-6.658000	- 0.001916	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	10	-7.206000	- 0.002074	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-0.941000	- 0.000271	PASS



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3550										
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-6.225000	- 0.001791	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	-4.886000	- 0.001406	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-4.987000	- 0.001435	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-2.043000	- 0.000584	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	2.036000	0.000582	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-8.363000	- 0.002389	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-6.526000	- 0.001865	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-2.668000	- 0.000762	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	1.189000	0.000340	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-3.212000	- 0.000918	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-0.811000	- 0.000232	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-4.262000	- 0.001218	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-7.787000	- 0.002209	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-5.325000	- 0.001511	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-6.404000	- 0.001817	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-5.702000	- 0.001618	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	-10.660000	- 0.003024	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-4.046000	- 0.001148	PASS



N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-8.013999	- 0.002273	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	-4.222000	- 0.001198	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-1.759000	- 0.000499	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-0.918000	- 0.000264	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-2.138000	- 0.000614	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-5.534000	- 0.001590	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	0	-6.614000	- 0.001901	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	10	-7.937000	- 0.002281	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	-1.924000	- 0.000553	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-10.385000	- 0.002984	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-11.259000	- 0.003235	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-5.991000	- 0.001722	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-1.038999	- 0.000297	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	9.219000	0.002634	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-7.425000	- 0.002121	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-0.404000	- 0.000115	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	0.622000	0.000178	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	1.135000	0.000324	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	3.040000	0.000869	PASS



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3450-3550										
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	0.227000	0.000065	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	1.386000	0.000396	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-2.047000	- 0.000582	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-5.936000	- 0.001686	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-2.083000	- 0.000592	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-4.553000	- 0.001293	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-2.008000	- 0.000570	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	-5.741000	- 0.001631	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	0.613000	0.000174	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	-2.295000	- 0.000652	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	-4.387000	- 0.001246	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	-6.624000	- 0.001901	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-5.174000	- 0.001485	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-9.245000	- 0.002653	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	-3.363000	- 0.000965	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-1.934000	- 0.000555	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-3.113000	- 0.000893	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	-2.844000	- 0.000816	PASS



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3550										
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	-1.257000	- 0.000361	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-11.021000	- 0.003162	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-6.374000	- 0.001821	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-1.227000	- 0.000351	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-3.517000	- 0.001005	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-7.483000	- 0.002138	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-4.566000	- 0.001305	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-10.376000	- 0.002965	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-5.061000	- 0.001446	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-5.853000	- 0.001672	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-6.254000	- 0.001787	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-8.329000	- 0.002370	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-7.775000	- 0.002212	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-8.368000	- 0.002381	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-8.589000	- 0.002444	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-6.015000	- 0.001711	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	-8.735000	- 0.002485	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-6.304000	- 0.001793	PASS



N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	40	-8.210000	- 0.002336	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	-7.816000	- 0.002224	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-10.009000	- 0.002868	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-7.231000	- 0.002072	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-6.360000	- 0.001822	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	-5.664000	- 0.001623	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-4.716000	- 0.001351	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	-9.734000	- 0.002789	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-15.639000	- 0.004481	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	-3.720000	- 0.001066	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-12.581000	- 0.003605	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-3.007000	- 0.000859	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-1.505000	- 0.000430	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	1.330000	0.000380	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	-3.230000	- 0.000923	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	-2.799000	- 0.000800	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	2.467000	0.000705	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-4.315000	- 0.001233	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-1.321000	-	PASS



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3450-3550									0.000377	
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-5.210000	- 0.001489	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-4.912000	- 0.001399	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-2.131000	- 0.000607	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-1.698000	- 0.000484	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	0	1.265000	0.000360	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	-2.545000	- 0.000725	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	-3.400000	- 0.000969	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	30	-1.213000	- 0.000346	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	40	1.207000	0.000344	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	-6.658000	- 0.001897	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-1.546000	- 0.000442	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-2.811000	- 0.000804	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-3.906000	- 0.001118	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	2.437000	0.000697	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-1.637000	- 0.000468	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	1.965000	0.000562	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-3.558000	- 0.001018	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	-4.942000	- 0.001414	PASS



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3550										
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-0.595000	- 0.000170	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-0.302000	- 0.000086	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-3.897000	- 0.001113	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	0.277000	0.000079	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-8.577000	- 0.002451	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-7.491000	- 0.002140	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-2.472000	- 0.000706	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-5.514000	- 0.001575	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-5.058000	- 0.001445	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-1.975000	- 0.000564	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-8.045999	- 0.002296	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-10.833000	- 0.003091	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-0.128000	- 0.000037	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	-7.189000	- 0.002051	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	10	-8.244000	- 0.002352	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-5.884000	- 0.001679	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	-6.998000	- 0.001997	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-0.218000	- 0.000062	PASS



N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-5.562000	- 0.001587	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-2.994000	- 0.000855	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-0.738000	- 0.000211	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-2.327000	- 0.000665	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-2.924000	- 0.000835	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	1.187000	0.000339	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-3.858000	- 0.001102	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-0.198000	- 0.000057	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-2.909000	- 0.000831	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	0.740000	0.000211	PASS



PEAK-TO-AVERAGE RATIO FOR SA PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	5.08	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	4.87	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	5.06	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	4.80	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	5.11	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	4.86	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	4.99	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	4.84	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Left	5.01	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	4.81	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	5.06	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	4.79	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	4.81	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	4.85	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	4.96	≤13	PASS



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3980								
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	4.81	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	4.88	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	4.79	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Edge_1RB_Left	4.85	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	4.74	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Edge_1RB_Left	4.89	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	4.70	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Edge_1RB_Left	4.91	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	4.71	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Edge_1RB_Left	4.98	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	4.87	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Edge_1RB_Left	4.93	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	4.85	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Edge_1RB_Left	4.90	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	4.85	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Edge_1RB_Left	4.77	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	4.83	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Edge_1RB_Left	4.76	≤13	PASS
N77-	30	50	DFT-QPSK	M	Outer_Full	4.81	≤13	PASS

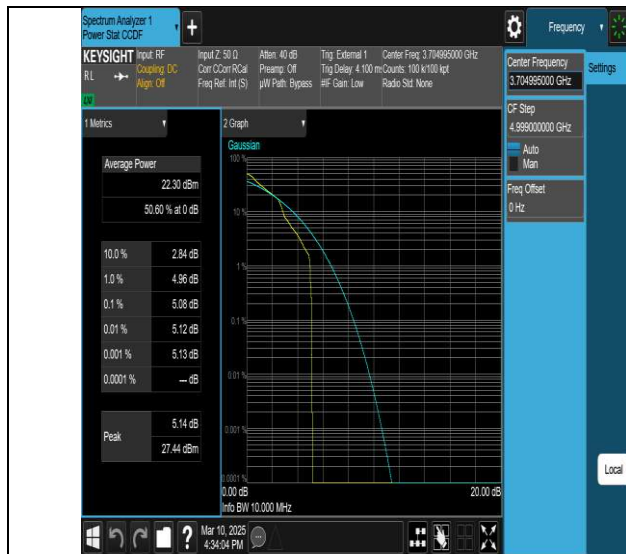


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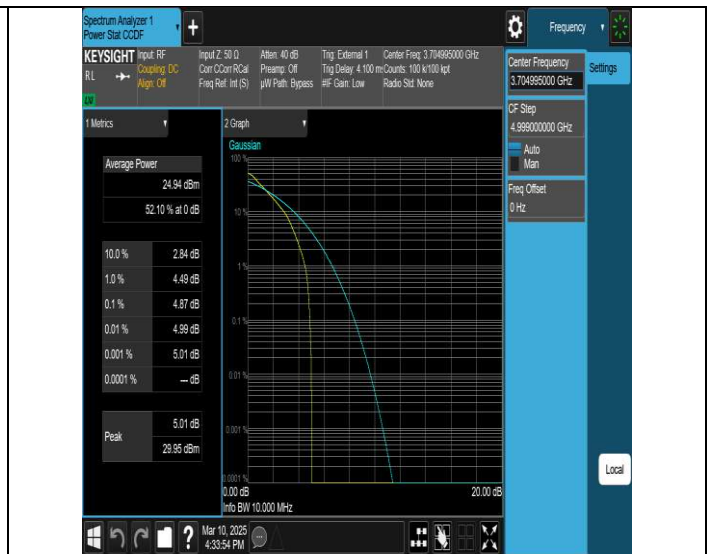
3700-3980								
N77-3700-3980	30	50	DFT-QPSK	H	Edge_1RB_Left	4.77	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	4.78	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Edge_1RB_Left	4.79	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	4.94	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Edge_1RB_Left	4.83	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	4.88	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Edge_1RB_Left	4.86	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	4.89	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Edge_1RB_Left	5.00	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	4.89	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Edge_1RB_Left	4.99	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	4.96	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Edge_1RB_Left	5.03	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	4.93	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Edge_1RB_Left	5.05	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	5.19	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Edge_1RB_Left	5.08	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	5.13	≤13	PASS



N77-3700-3980	30	80	DFT-QPSK	H	Edge_1RB_Left	5.18	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	5.15	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Edge_1RB_Left	4.36	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	4.54	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Edge_1RB_Left	4.43	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	4.49	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Edge_1RB_Left	4.52	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	4.50	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Edge_1RB_Left	4.29	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	4.79	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Edge_1RB_Left	4.40	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	4.80	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Edge_1RB_Left	4.52	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	4.84	≤13	PASS



NTNV-N77-3700-3980-PC2-30-10-L-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-10-L-DFT-QPSK-Outer_Full-PASS



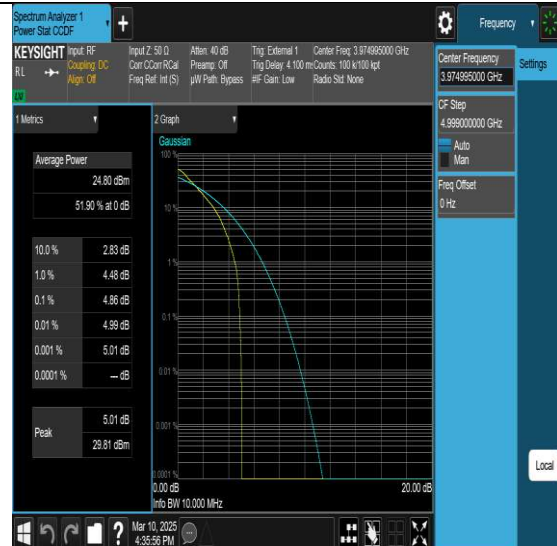
NTNV-N77-3700-3980-PC2-30-10-M-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-10-M-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC2-30-10-H-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-10-H-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC2-30-15-L-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-15-L-DFT-QPSK-Outer_Full-PASS



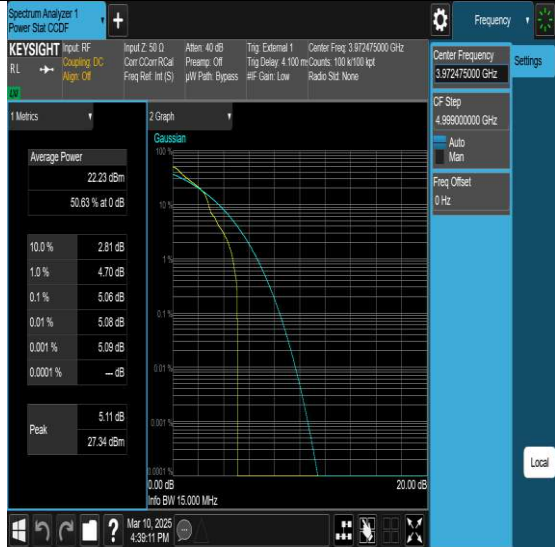
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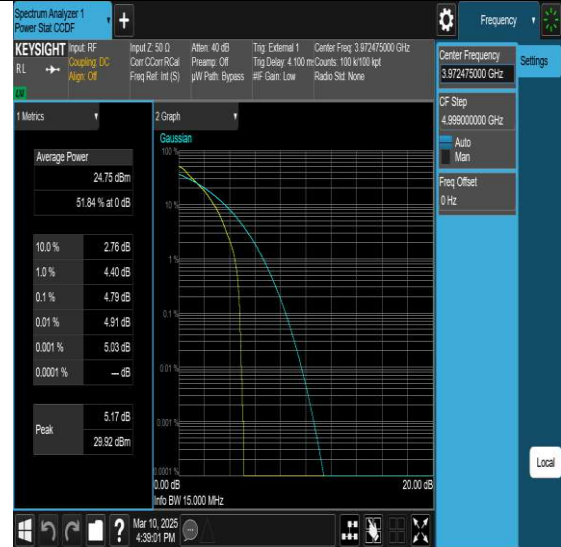
NTNV-N77-3700-3980-PC2-30-15-M-DFT-QPSK-Outer_Full-PASS



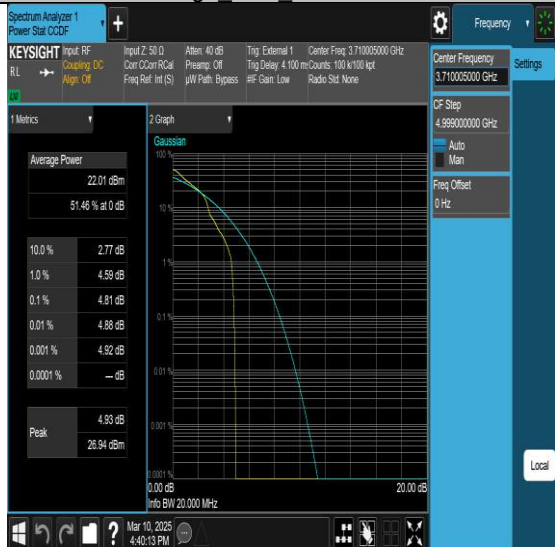
Edge 1RB Left-PASS



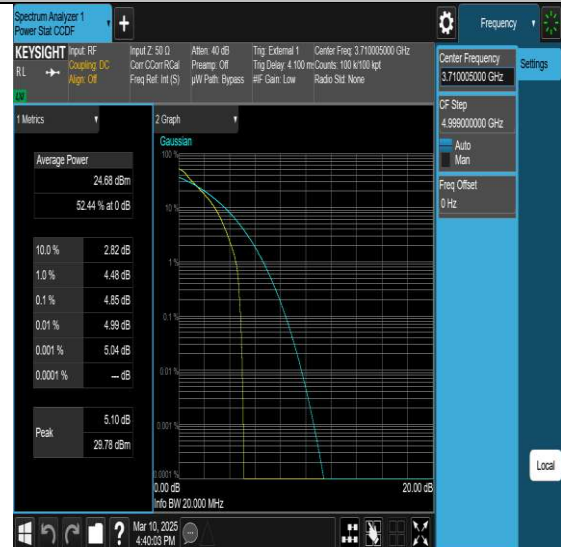
PASS



NTNV-N77-3700-3980-PC2-30-15-H-DFT-QPSK-
Edge 1RB Left-PASS



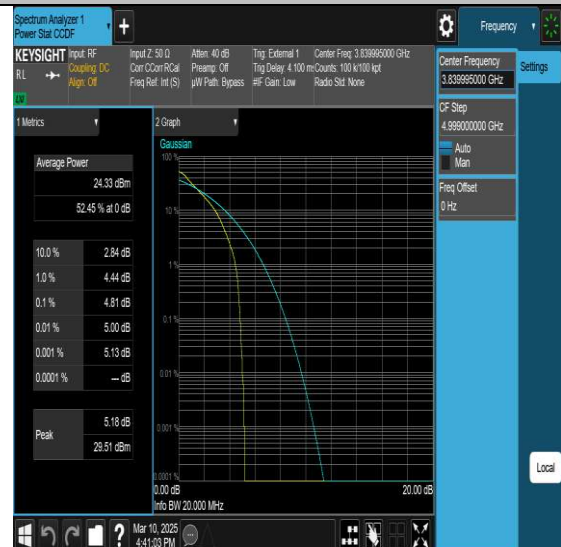
NTNV-N77-3700-3980-PC2-30-15-H-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-20-L-DFT-QPSK-
Edge 1RB Left-PASS

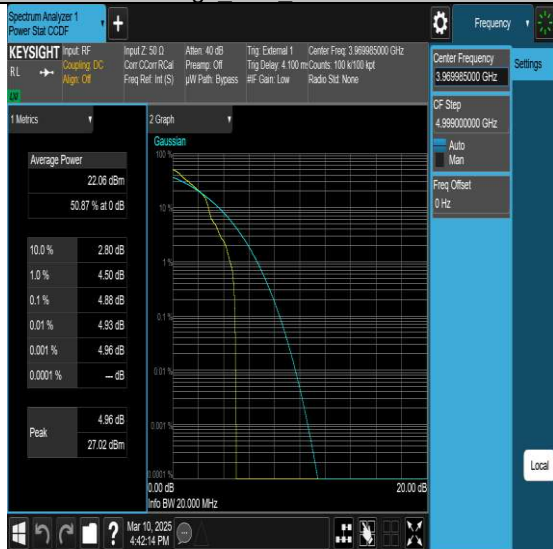


NTNV-N77-3700-3980-PC2-30-20-L-DFT-QPSK-Outer_Full-
PASS





NTNV-N77-3700-3980-PC2-30-20-M-DFT-QPSK-
Edge 1RB Left-PASS



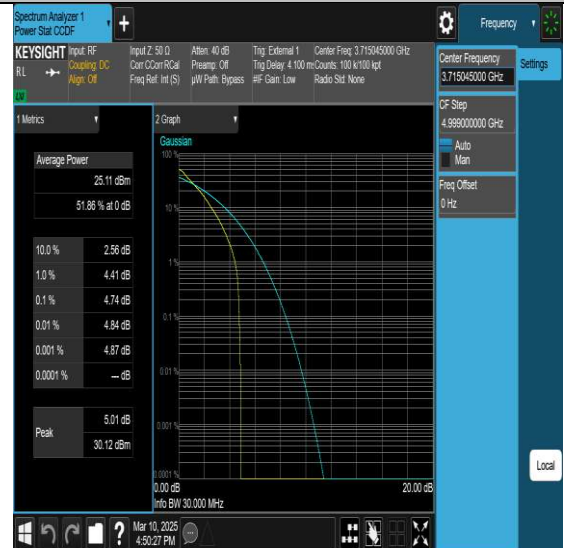
NTNV-N77-3700-3980-PC2-30-20-M-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-20-H-DFT-QPSK-
Edge 1RB Left-PASS



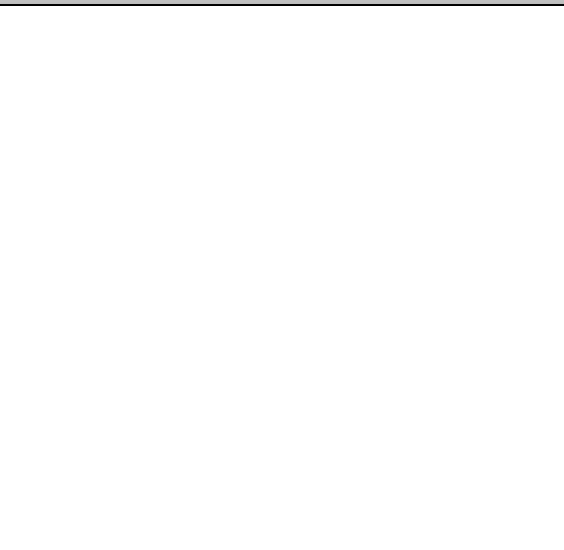
NTNV-N77-3700-3980-PC2-30-20-H-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-30-L-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-30-L-DFT-QPSK-Outer_Full-
PASS

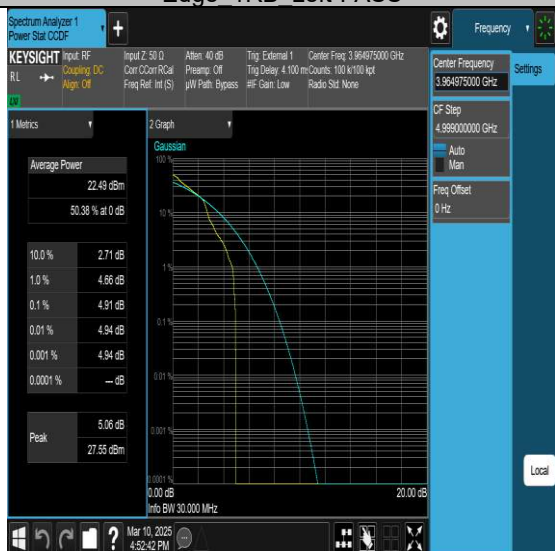




NTNV-N77-3700-3980-PC2-30-30-M-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-30-M-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC2-30-30-H-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-30-H-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC2-30-40-L-DFT-QPSK



NTNV-N77-3700-3980-PC2-30-40-L-DFT-QPSK-Outer_Full-PASS



Edge 1RB Left-PASS



PASS



NTNV-N77-3700-3980-PC2-30-40-M-DFT-QPSK-

Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-40-M-DFT-QPSK-Outter_Full-

PASS



NTNV-N77-3700-3980-PC2-30-40-H-DFT-QPSK-

Edge 1RB Left-PASS



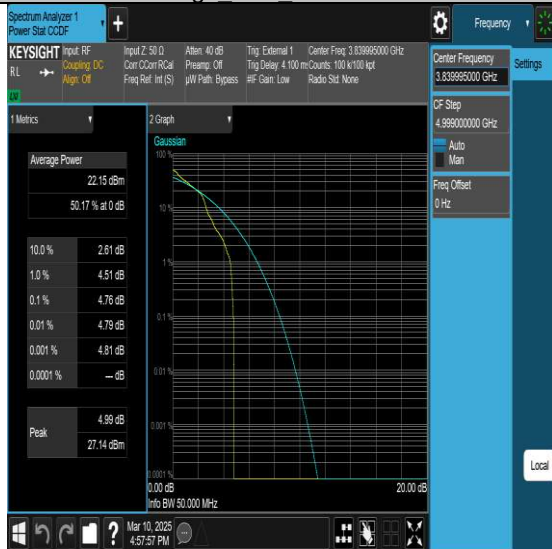
NTNV-N77-3700-3980-PC2-30-40-H-DFT-QPSK-Outter_Full-

PASS

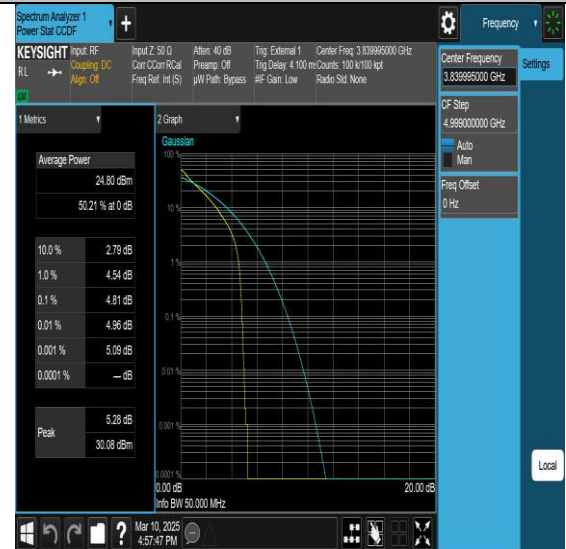




NTNV-N77-3700-3980-PC2-30-50-L-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-50-L-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-50-M-DFT-QPSK-
Edge 1RB Left-PASS



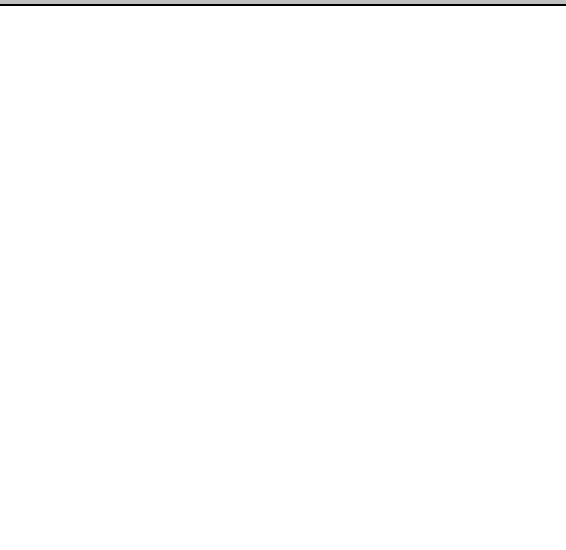
NTNV-N77-3700-3980-PC2-30-50-M-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-50-H-DFT-QPSK-
Edge 1RB Left-PASS

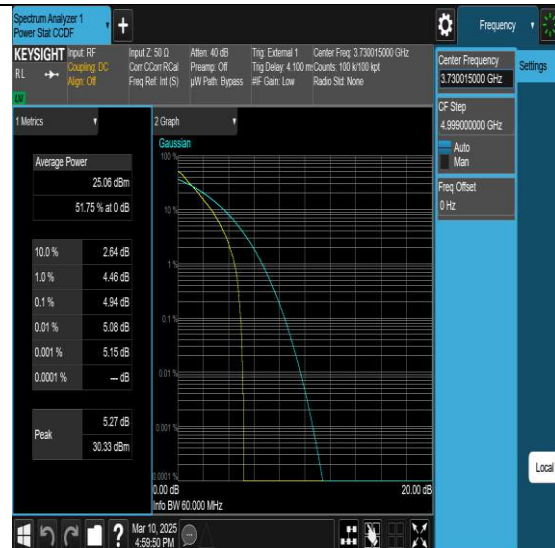


NTNV-N77-3700-3980-PC2-30-50-H-DFT-QPSK-Outer_Full-
PASS

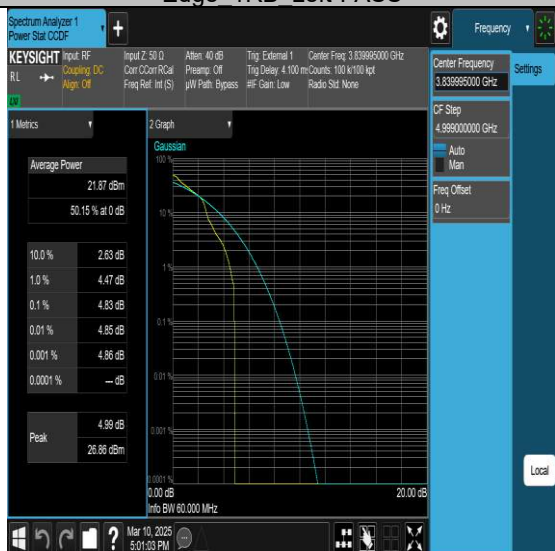




NTNV-N77-3700-3980-PC2-30-60-L-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-60-L-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3700-3980-PC2-30-60-M-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-60-M-DFT-QPSK-Outer_Full-PASS



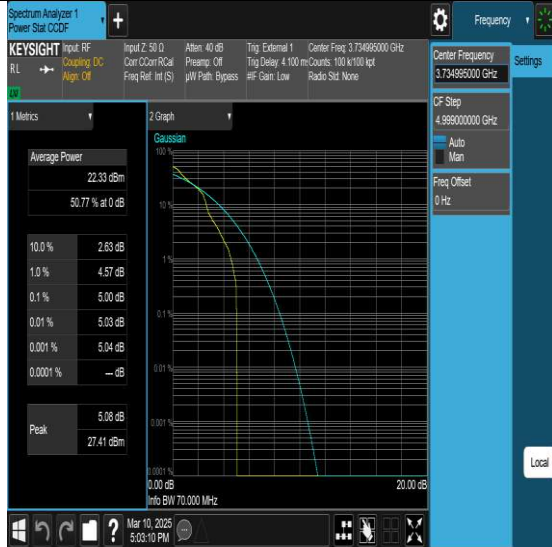
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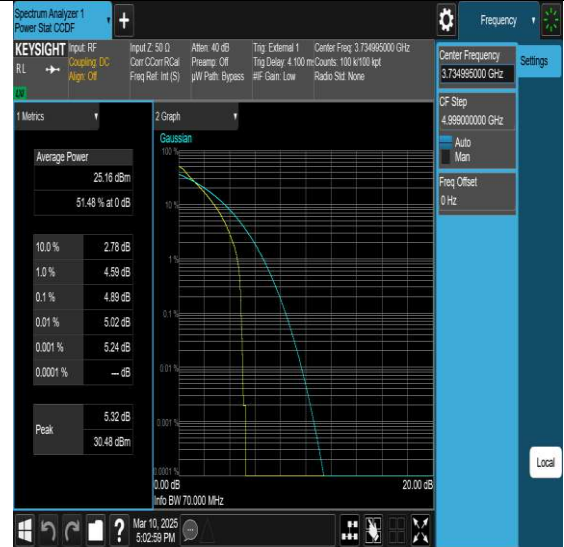
NTNV-N77-3700-3980-PC2-30-60-H-DFT-QPSK-Outer_Full-PASS



Edge 1RB Left-PASS



PASS



NTNV-N77-3700-3980-PC2-30-70-L-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-70-L-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-70-M-DFT-QPSK-
Edge 1RB Left-PASS

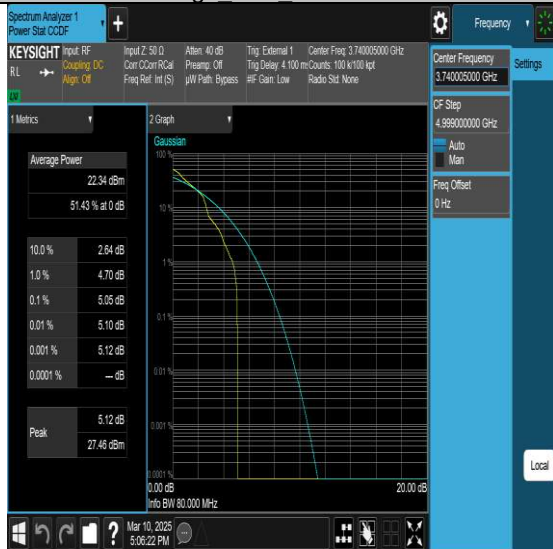


NTNV-N77-3700-3980-PC2-30-70-M-DFT-QPSK-Outer_Full-
PASS





NTNV-N77-3700-3980-PC2-30-70-H-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-70-H-DFT-QPSK-Outer_Full-
PASS



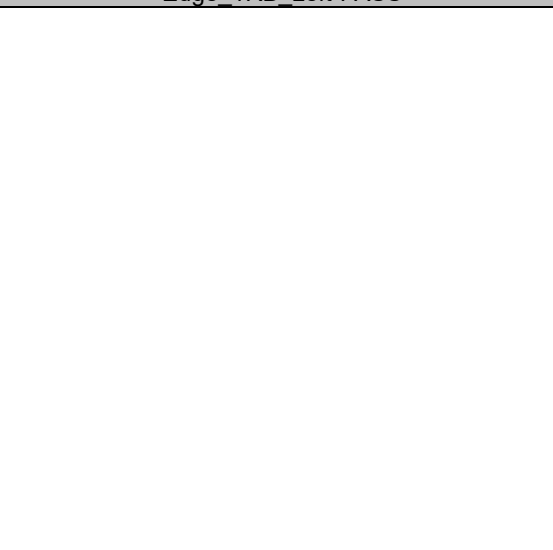
NTNV-N77-3700-3980-PC2-30-80-L-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-80-L-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3700-3980-PC2-30-80-M-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3700-3980-PC2-30-80-M-DFT-QPSK-Outer_Full-
PASS

