

N5

Peak-to-Average Ratio(CCDF)

Test Result

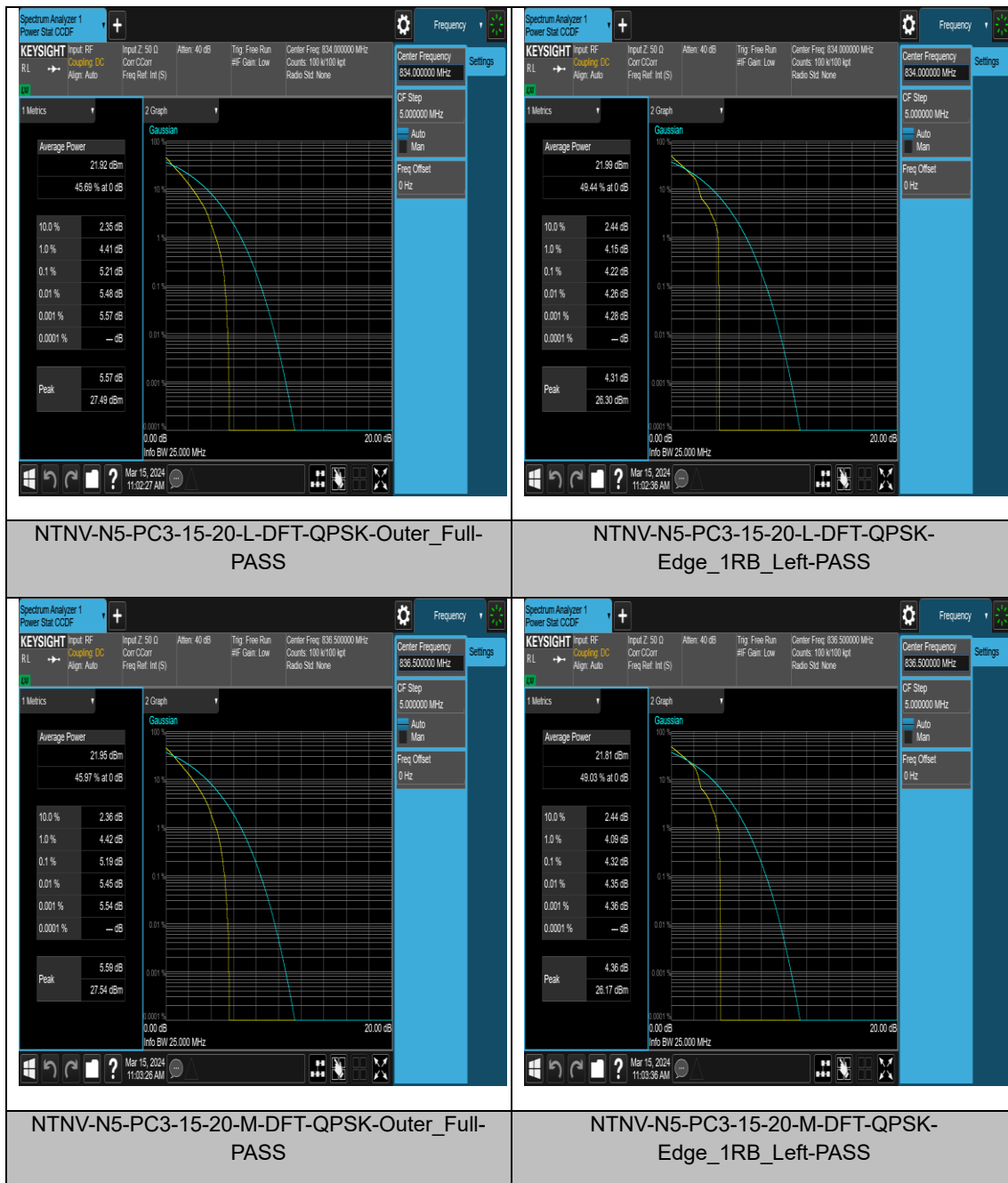
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N5	15	20	DFT-QPSK	L	Outer_Full	5.21	≤13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	4.22	≤13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	5.19	≤13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	4.32	≤13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	5.10	≤13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	4.27	≤13	PASS



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Reference No.: W7L-231218W001RF11

Test Graphs



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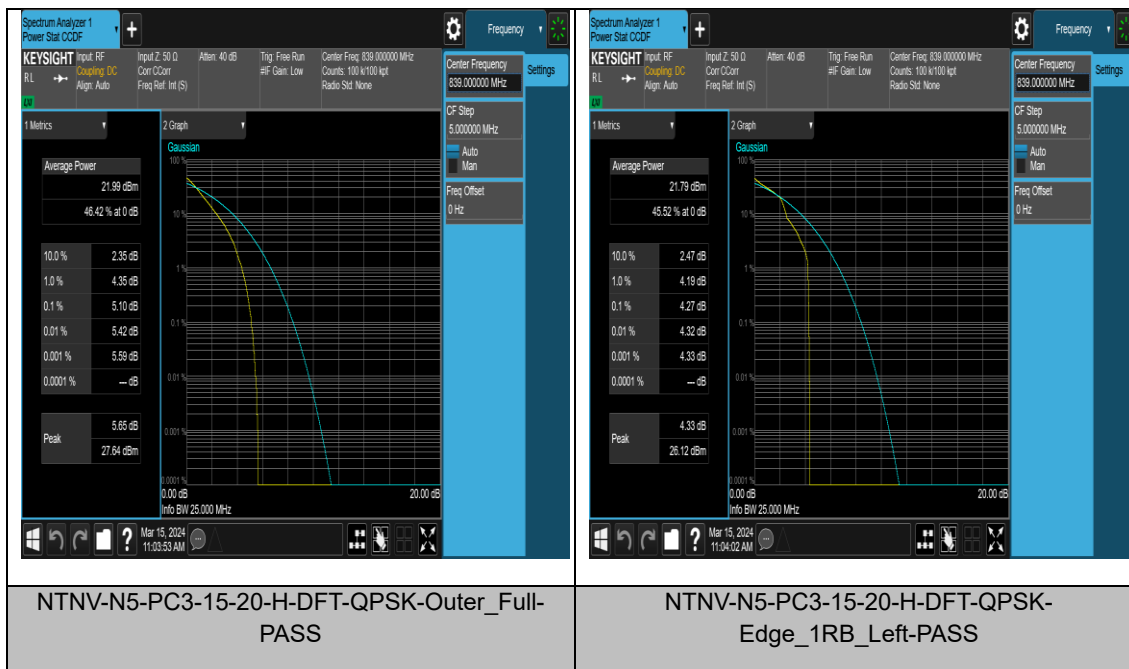
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26dB Bandwidth and Occupied Bandwidth

Test Result

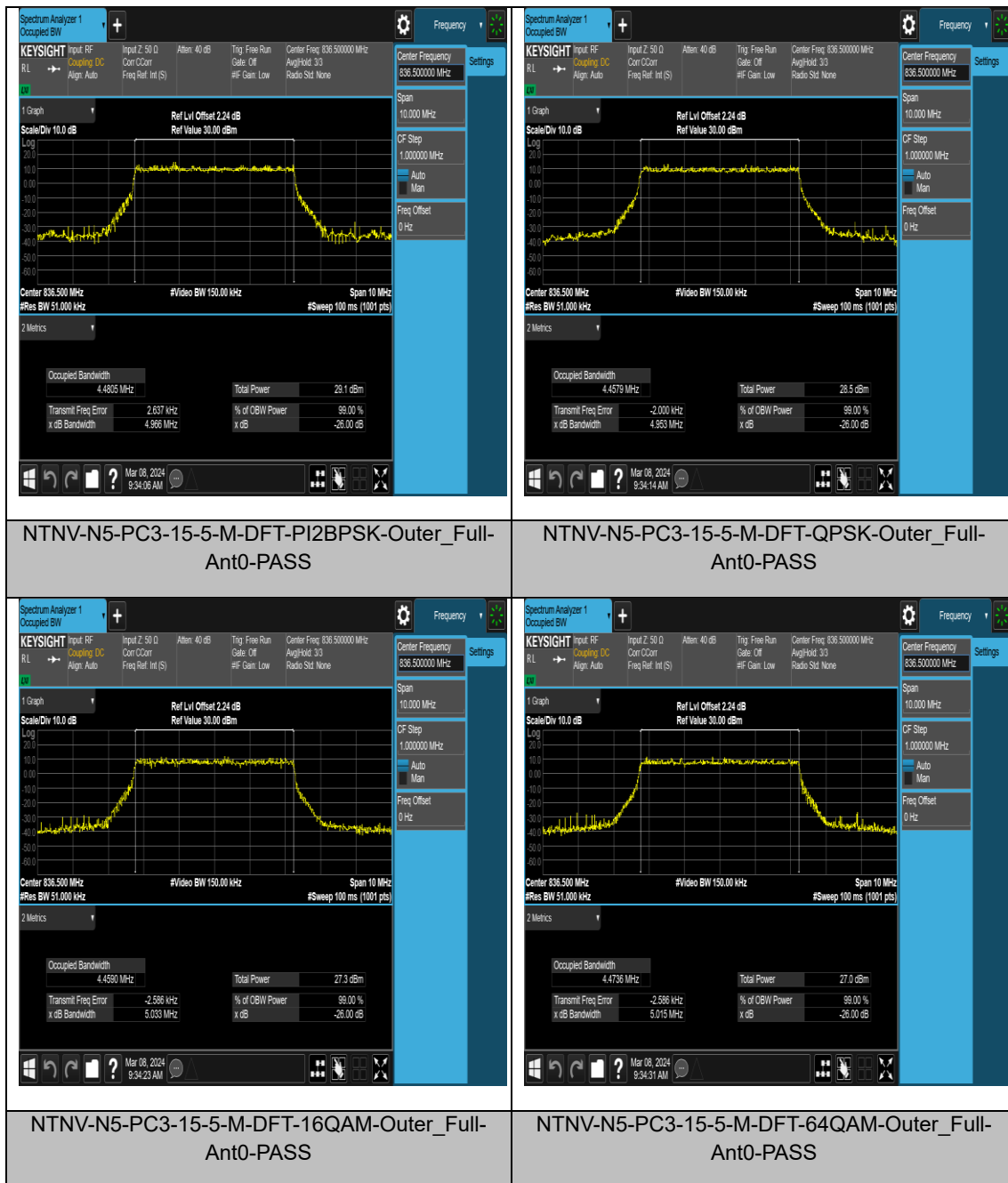
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.4805	4.966	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.4579	4.953	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.4590	5.033	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.4736	5.015	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.4764	4.942	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.9128	9.599	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.9220	9.730	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.9140	9.538	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.9138	9.537	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.8966	9.495	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.398	14.34	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.392	14.19	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.401	14.26	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.400	14.29	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.401	14.17	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.850	18.73	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.865	18.90	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.879	18.77	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.864	18.78	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.863	18.82	PASS



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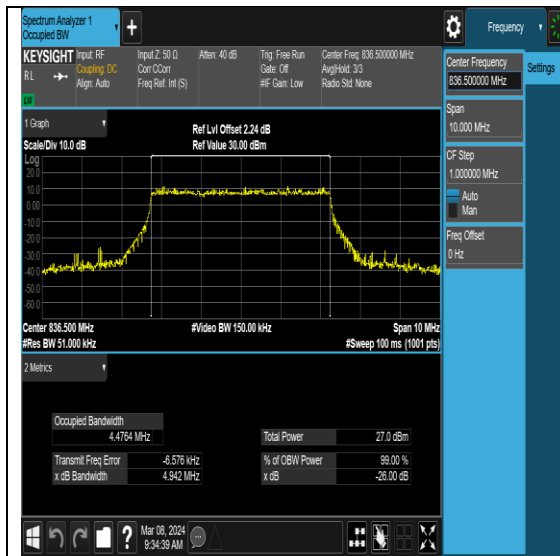
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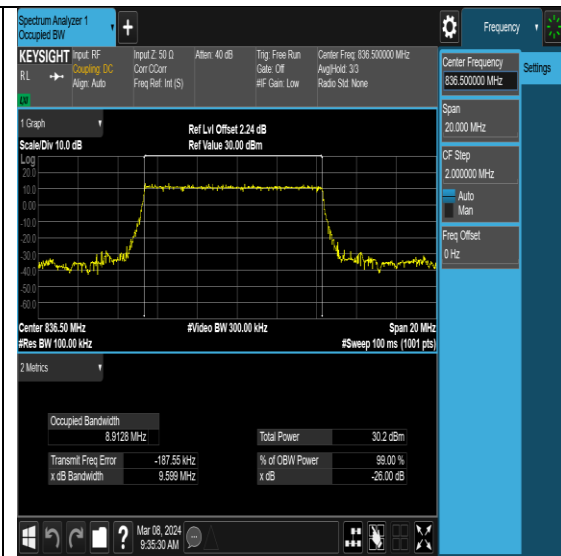


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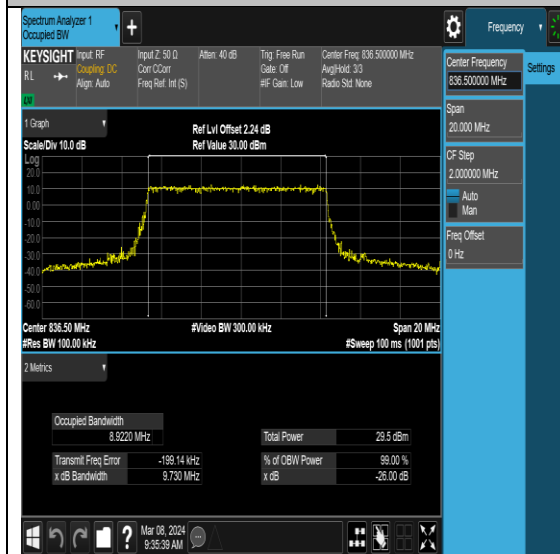
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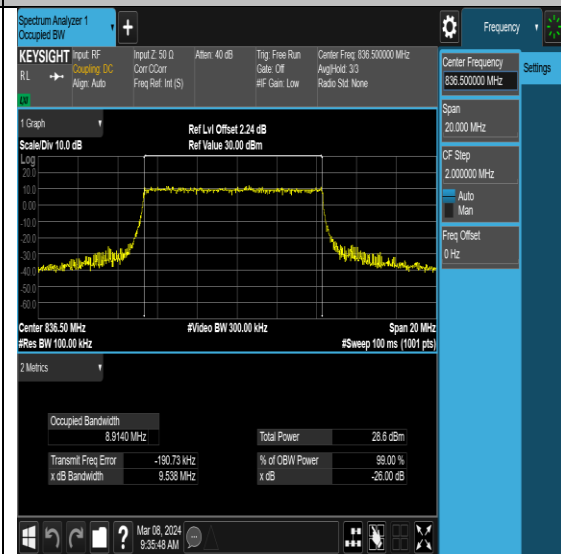
NTNV-N5-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant0-PASS

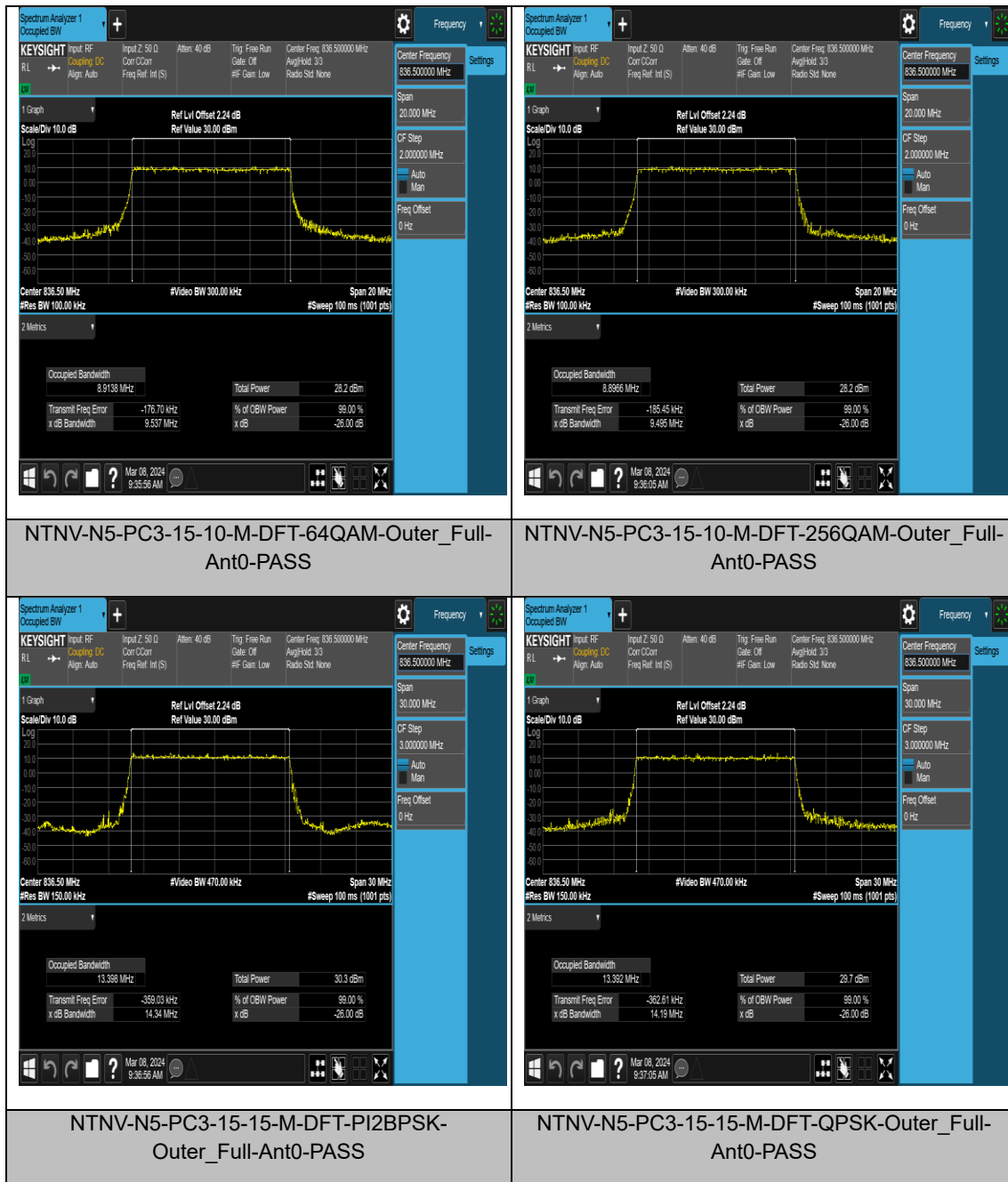


NTNV-N5-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant0-PASS



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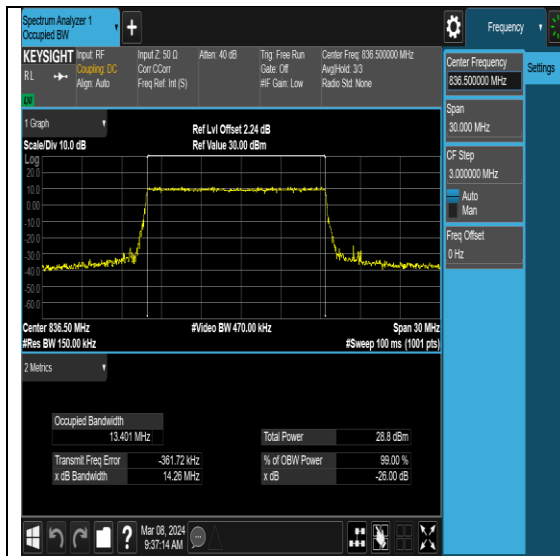
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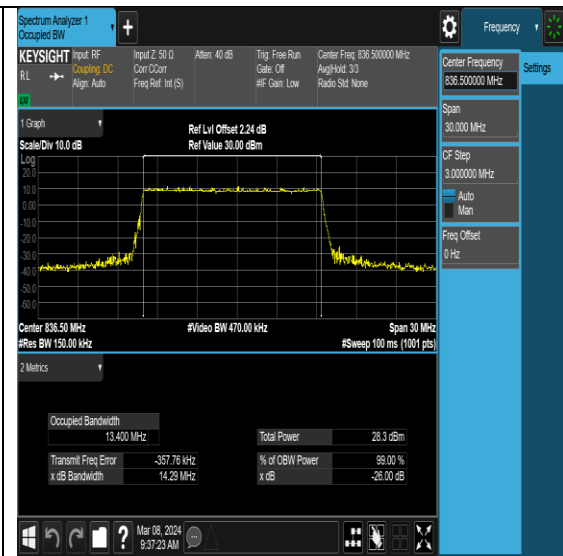


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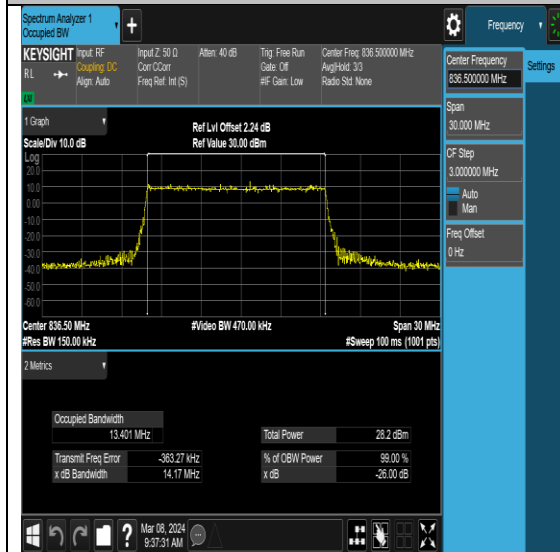
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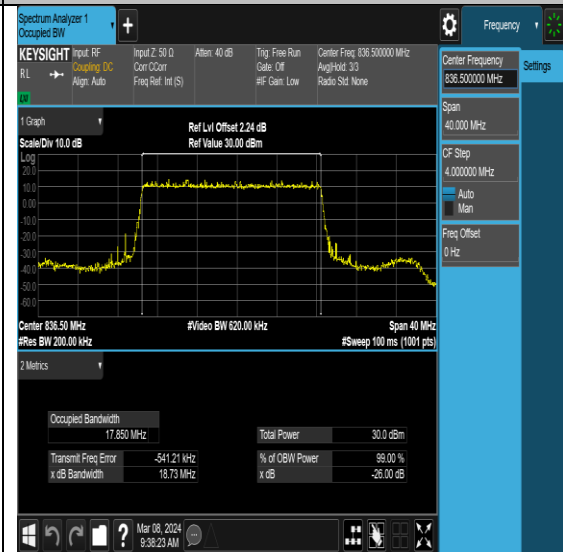
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NTNV-N5-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant0-PASS

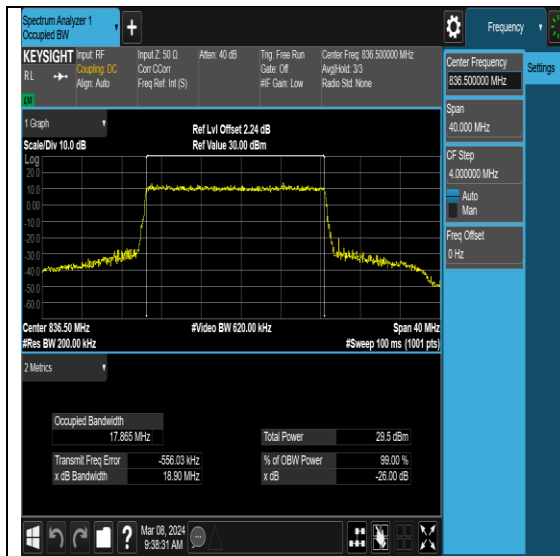


NTNV-N5-PC3-15-20-M-DFT-P12BPSK-Outer_Full-Ant0-PASS

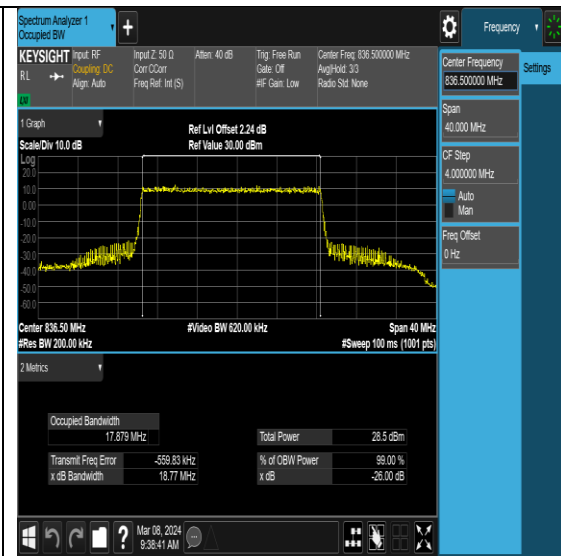


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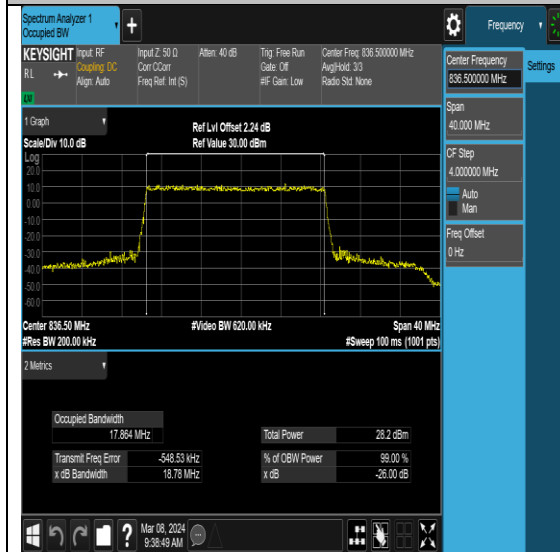
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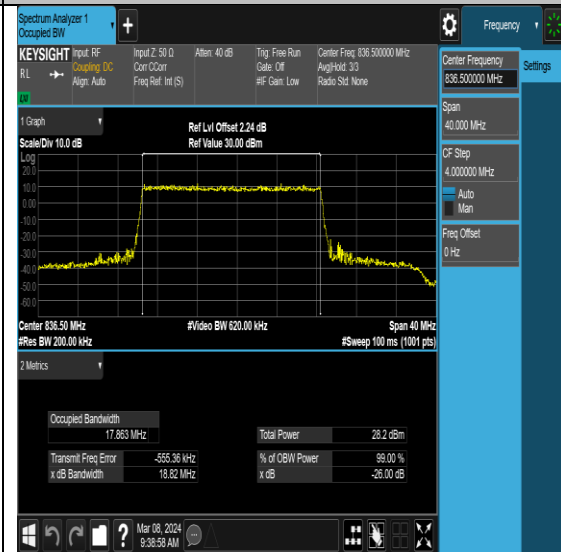
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NTNV-N5-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant0-PASS



Band Edge

Test Result

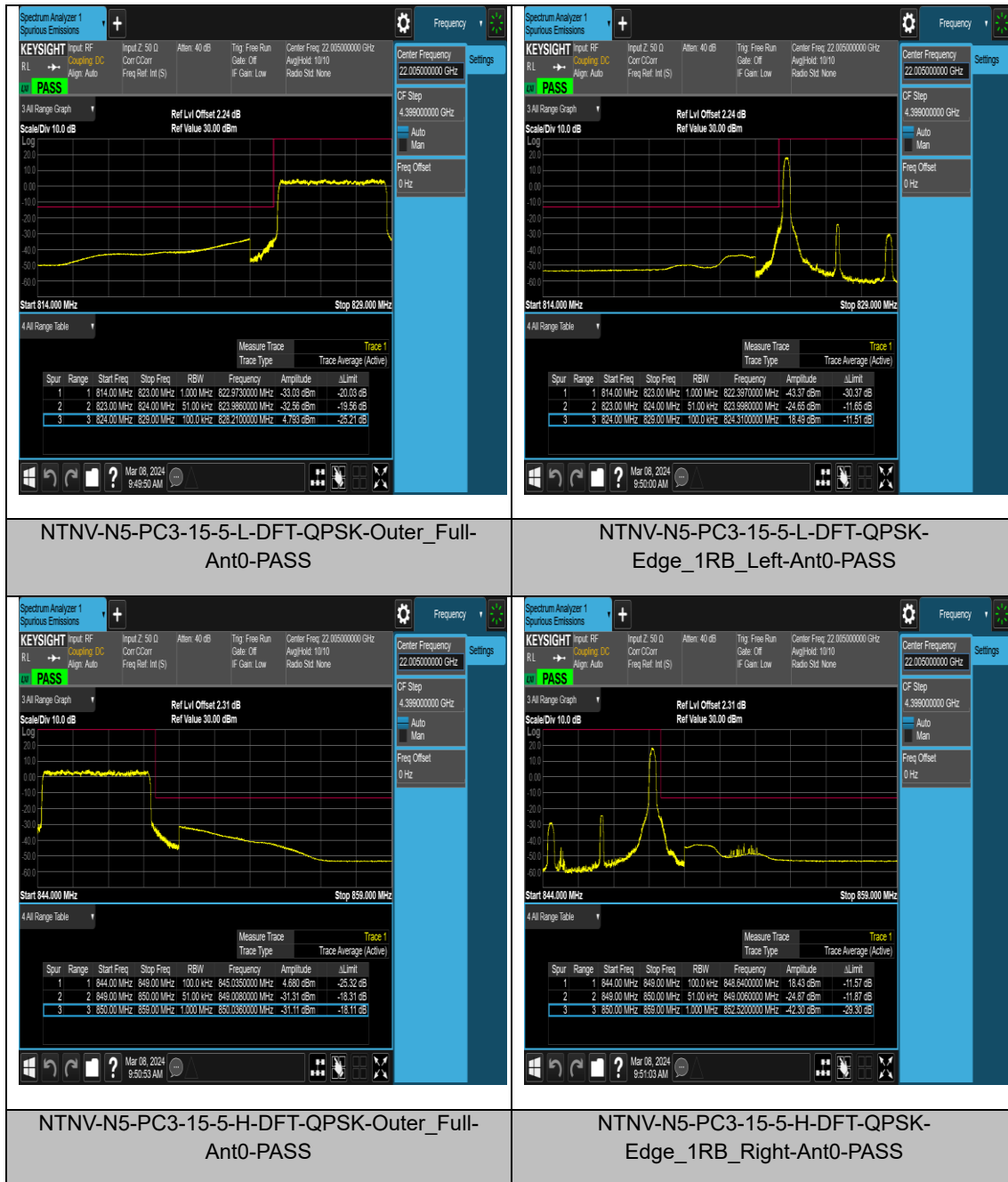
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	-32.56	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	-24.65	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	-31.11	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	-24.87	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	-34.11	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	-30.56	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	-34.13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	-28.80	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	-35.48	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	-35.93	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	-36.36	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	-35.89	PASS



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Test Graphs



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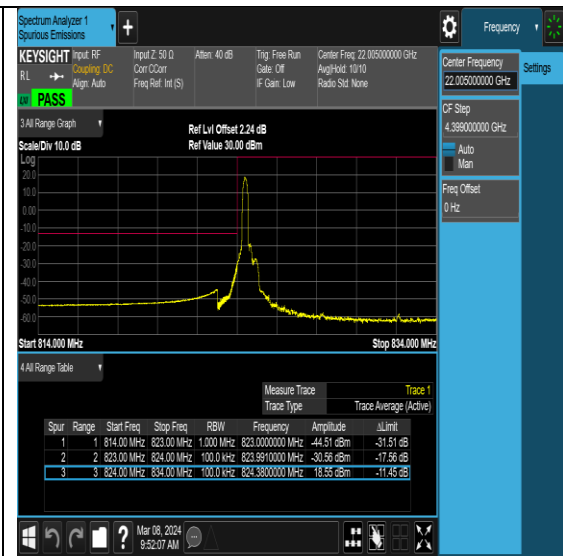


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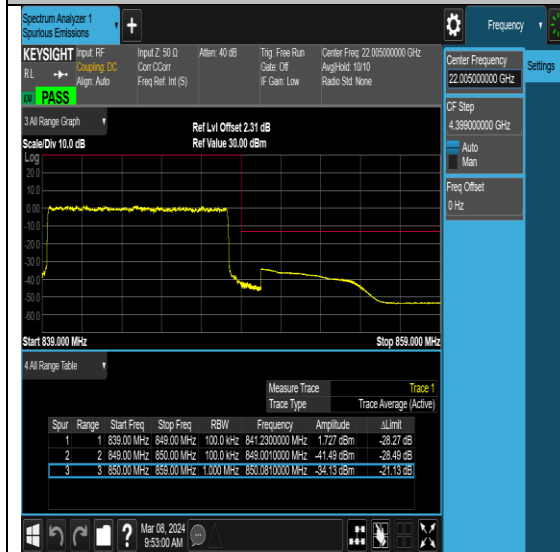
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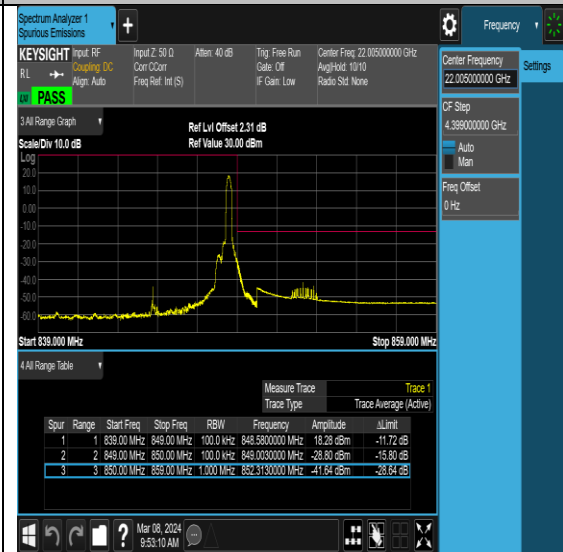
NTNV-N5-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N5-PC3-15-10-H-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N5-PC3-15-10-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS

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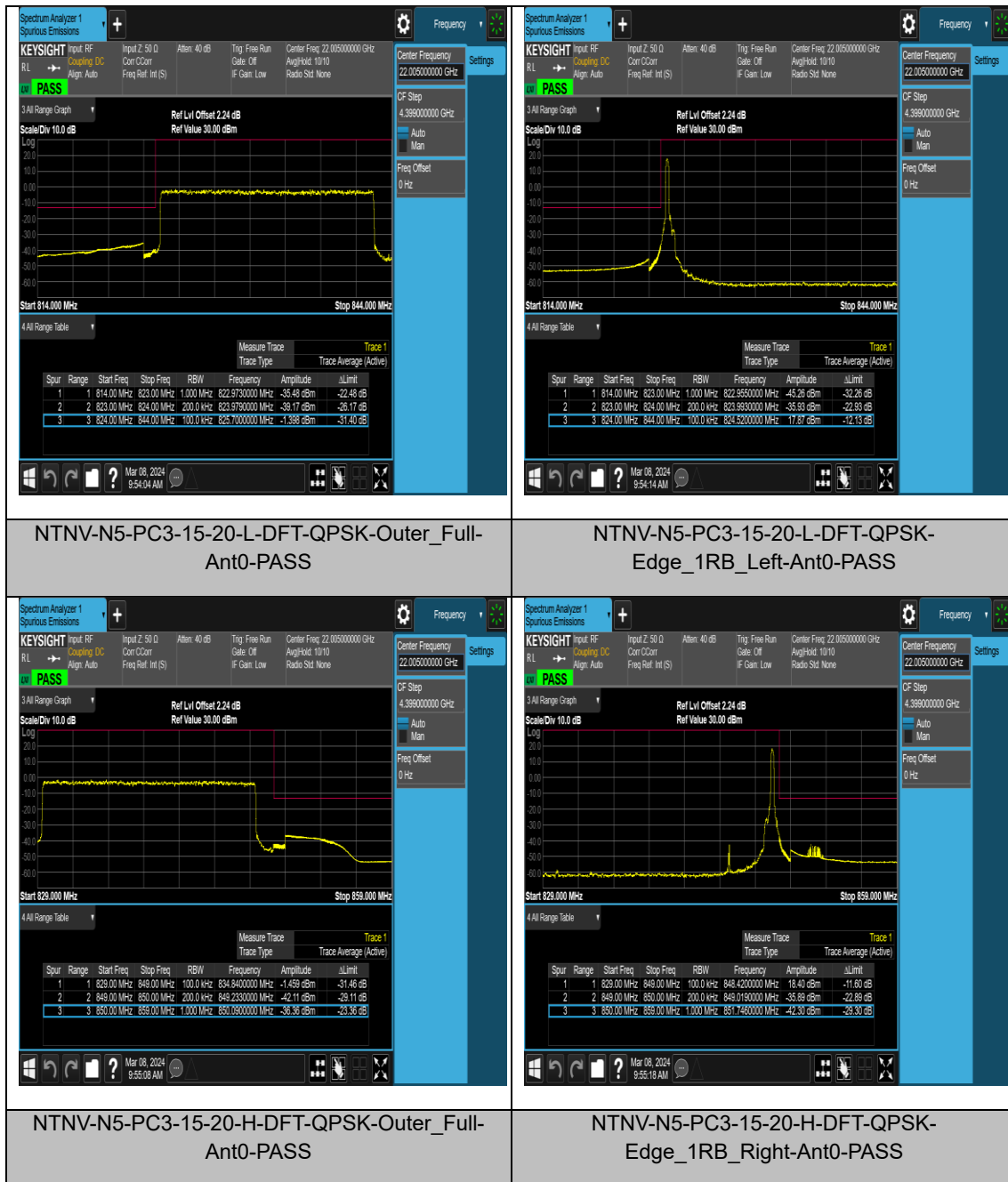
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Conducted Spurious Emission

Test Result

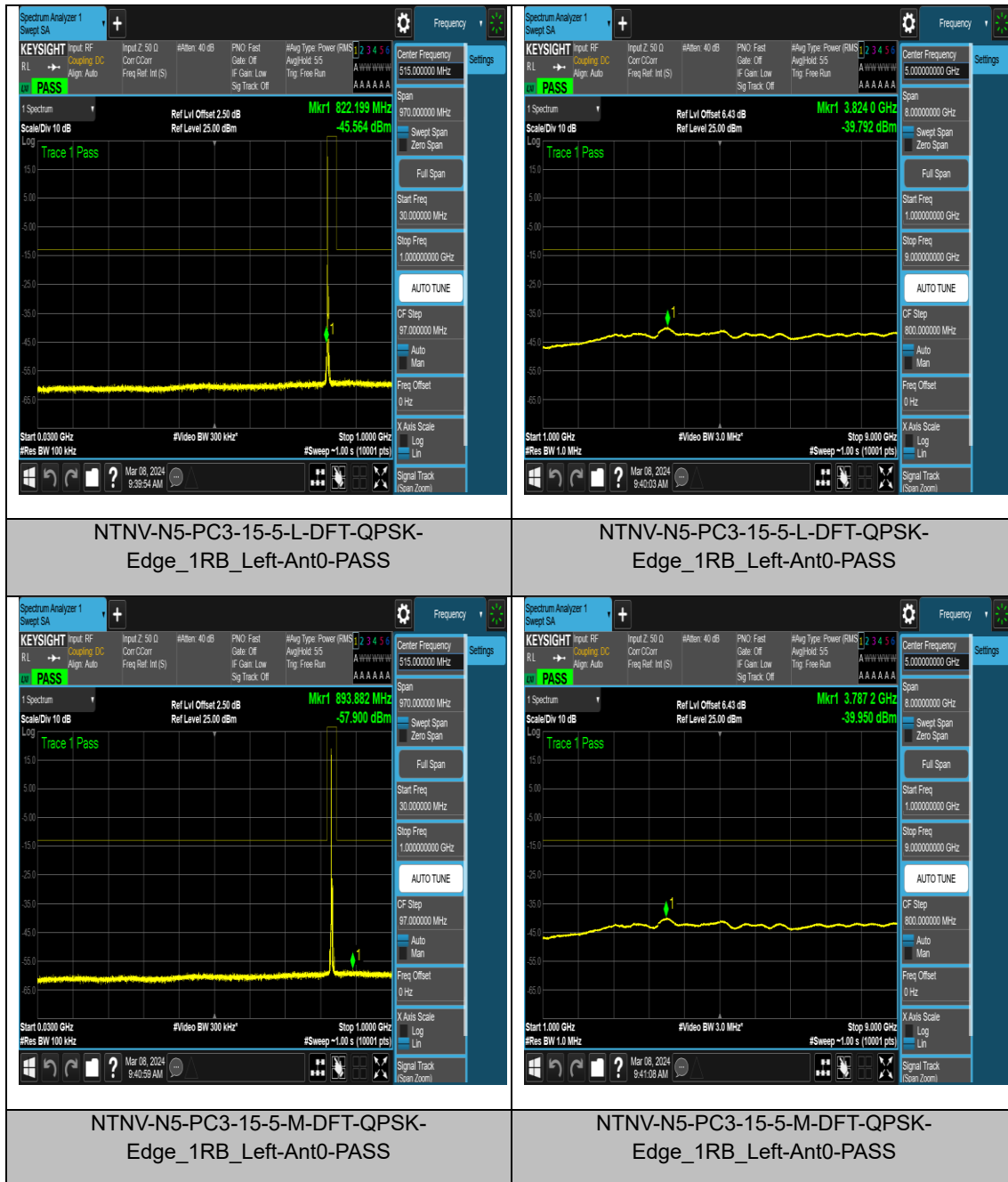
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-45.56	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.79	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.90	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.95	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-51.11	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.94	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-45.39	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.92	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-58.00	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.87	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.70	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.98	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-41.49	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	9000	-39.94	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-56.84	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	9000	-39.87	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.17	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	9000	-39.86	-13	PASS



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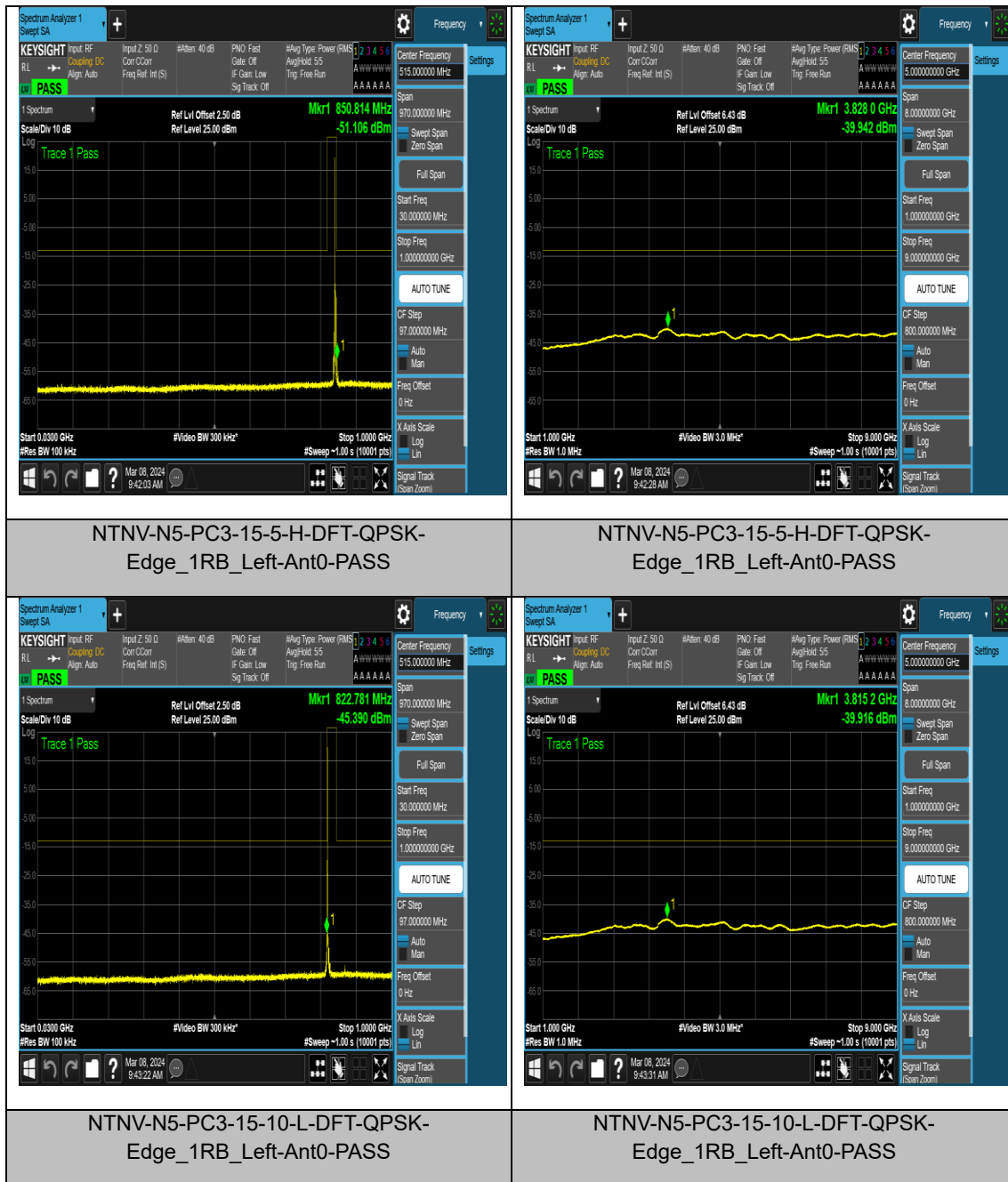
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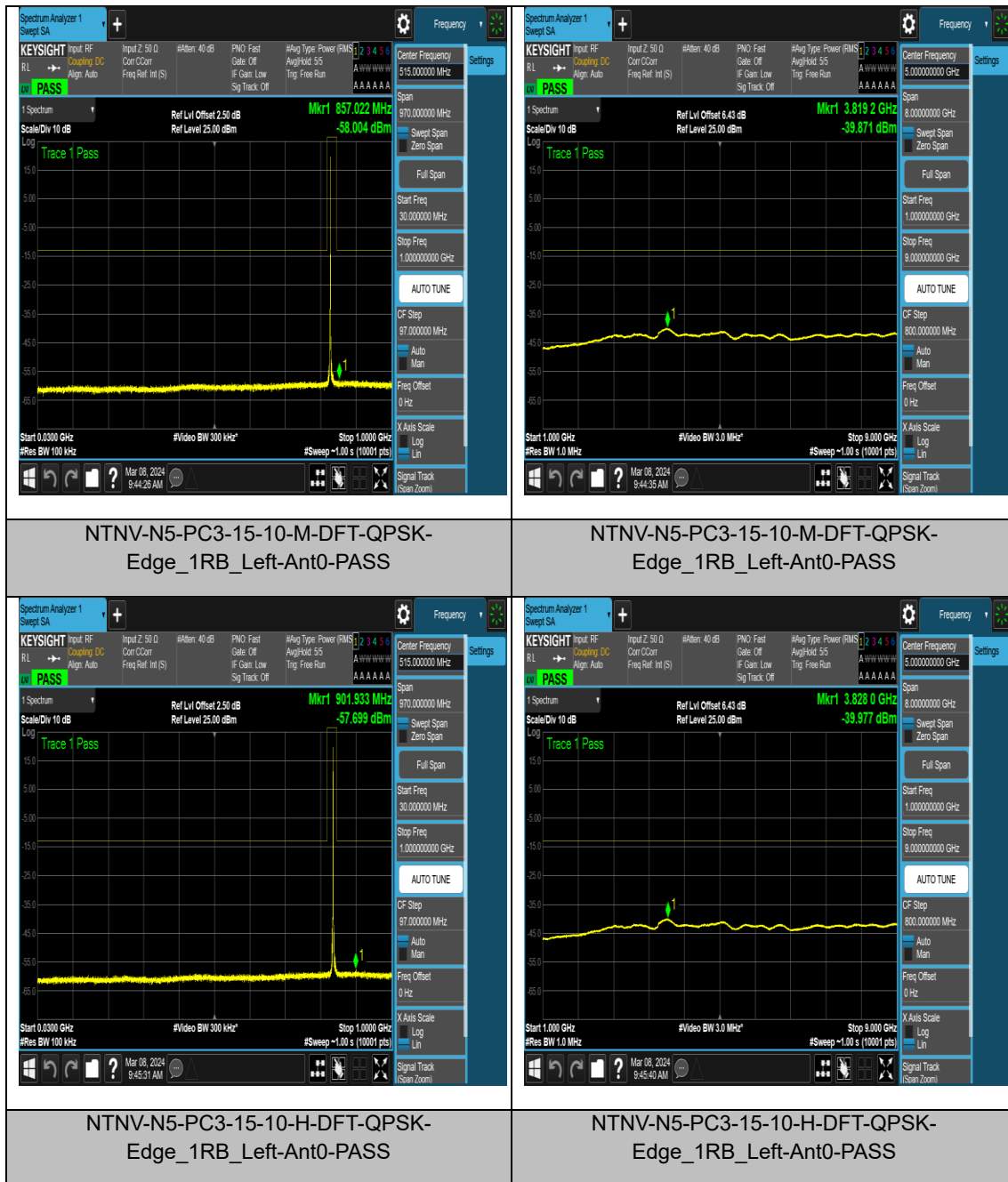
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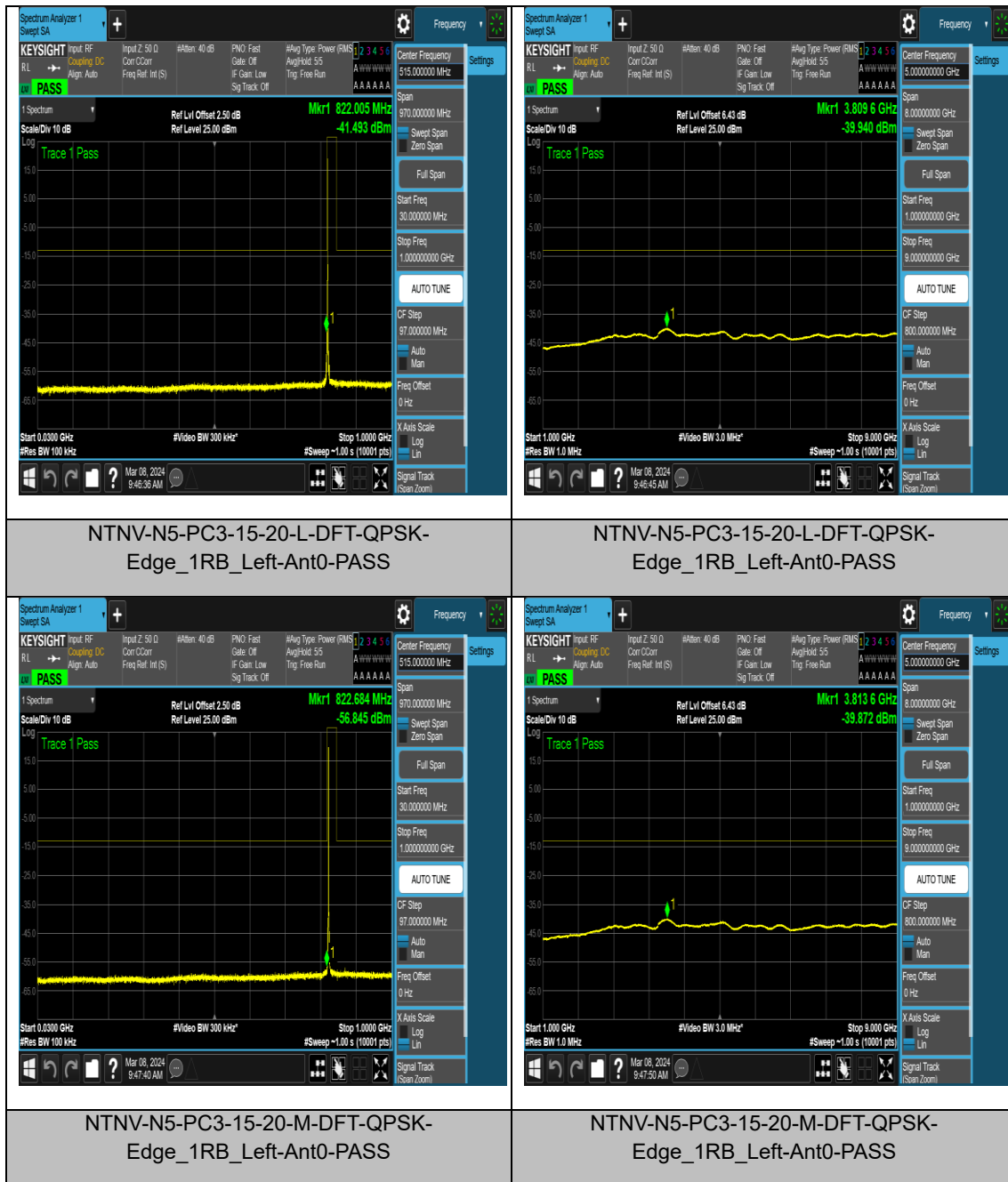
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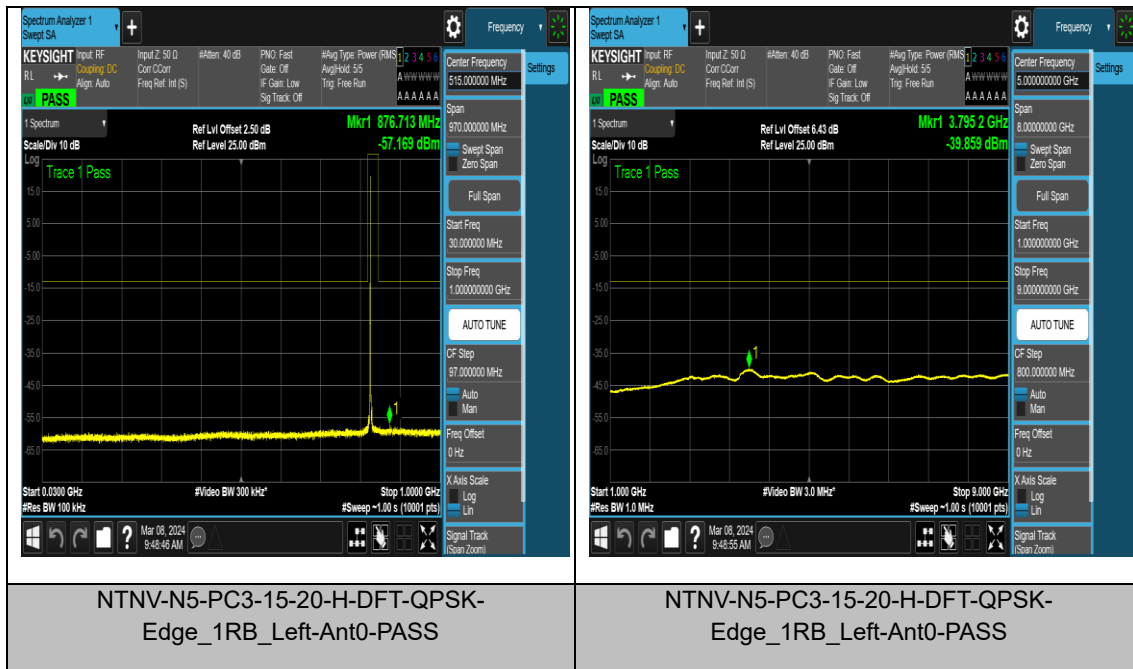
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Frequency Stability

Test Result

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-QPSK	L	Outer_Full	VL	NT	1.000000	0.001199	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VN	NT	15.000000	0.017986	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VH	NT	9.000000	0.010791	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-30	5.000000	0.005995	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-20	19.000000	0.022782	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-10	18.000000	0.021583	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	0	13.000000	0.015588	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	10	8.000000	0.009592	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	20	13.000000	0.015588	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	30	6.000000	0.007194	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	40	7.000000	0.008393	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	50	18.000000	0.021583	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VL	NT	14.000000	0.016736	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VN	NT	8.000000	0.009564	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VH	NT	3.000000	0.003586	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-30	18.000000	0.021518	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-20	4.000000	0.004782	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-10	6.000000	0.007173	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	0	5.000000	0.005977	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	10	7.000000	0.008368	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	20	10.000000	0.011955	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	30	4.000000	0.004782	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	40	15.000000	0.017932	PASS



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N5	15	20	DFT-QPSK	M	Outer_Full	NV	50	1.000000	0.001195	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VL	NT	6.000000	0.007151	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VN	NT	1.000000	0.001192	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VH	NT	12.000000	0.014303	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-30	14.000000	0.016687	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-20	1.000000	0.001192	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-10	9.000000	0.010727	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	0	5.000000	0.005959	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	10	15.000000	0.017878	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	20	2.000000	0.002384	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	30	4.000000	0.004768	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	40	18.000000	0.021454	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	50	12.000000	0.014303	PASS