

**N25****Peak-to-Average Ratio(CCDF)****Test Result**

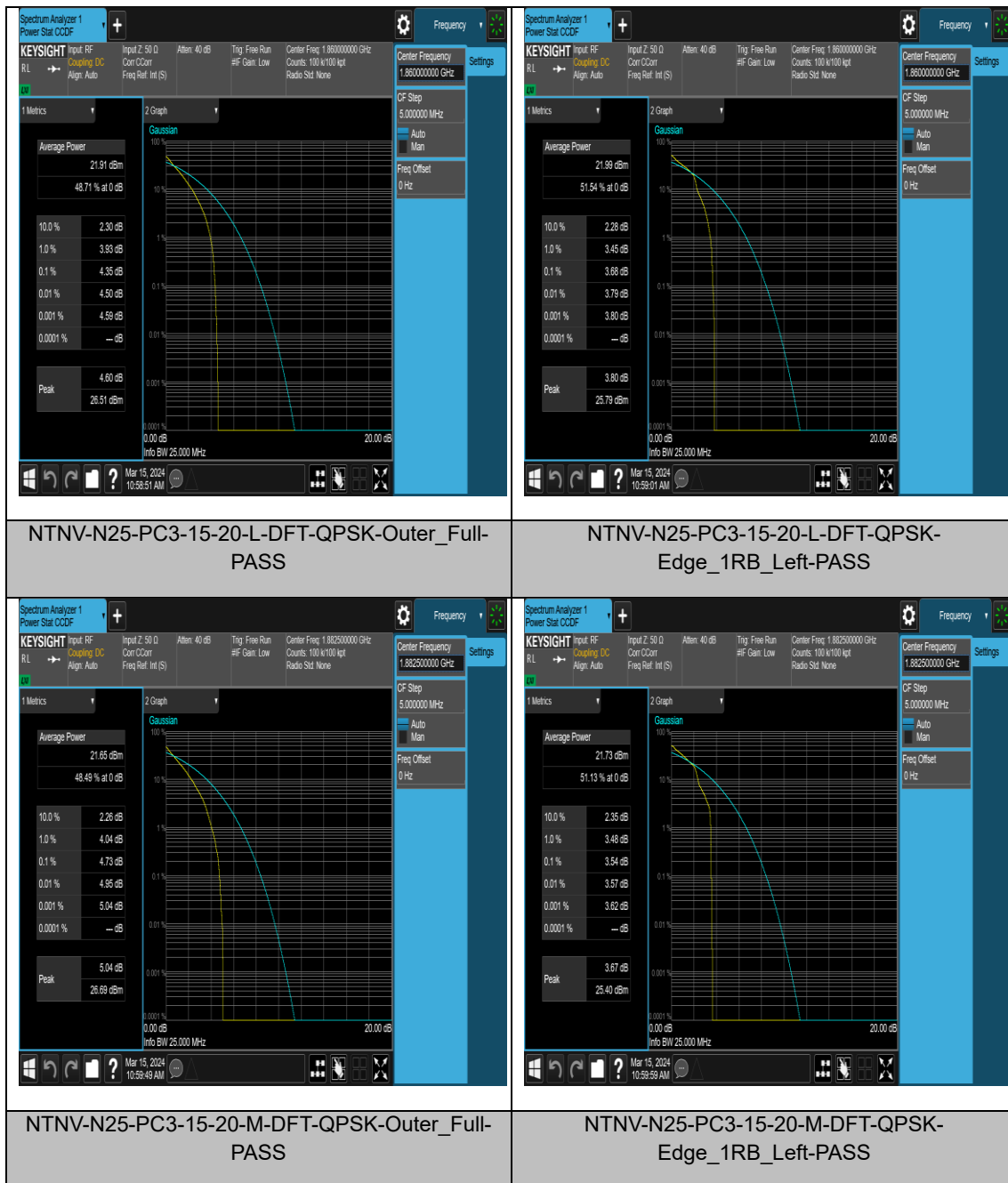
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	4.35	≤13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	3.68	≤13	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	4.73	≤13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	3.54	≤13	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	4.78	≤13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	4.05	≤13	PASS



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Reference No.: W7L-231218W001RF11

Test Graphs



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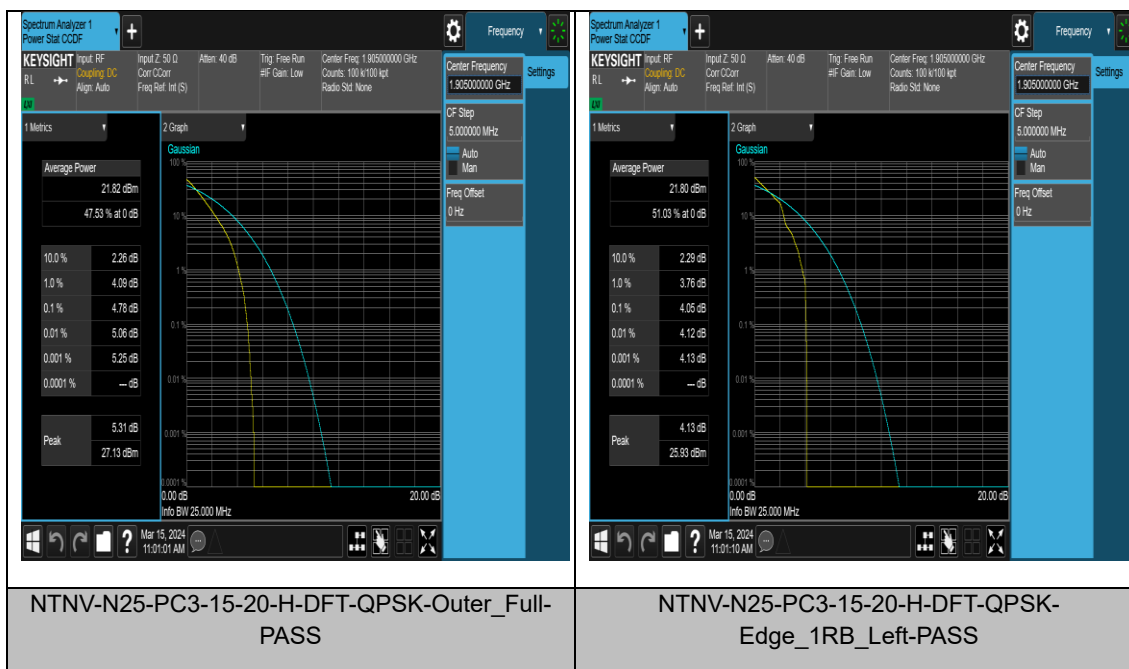
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26dB Bandwidth and Occupied Bandwidth

Test Result

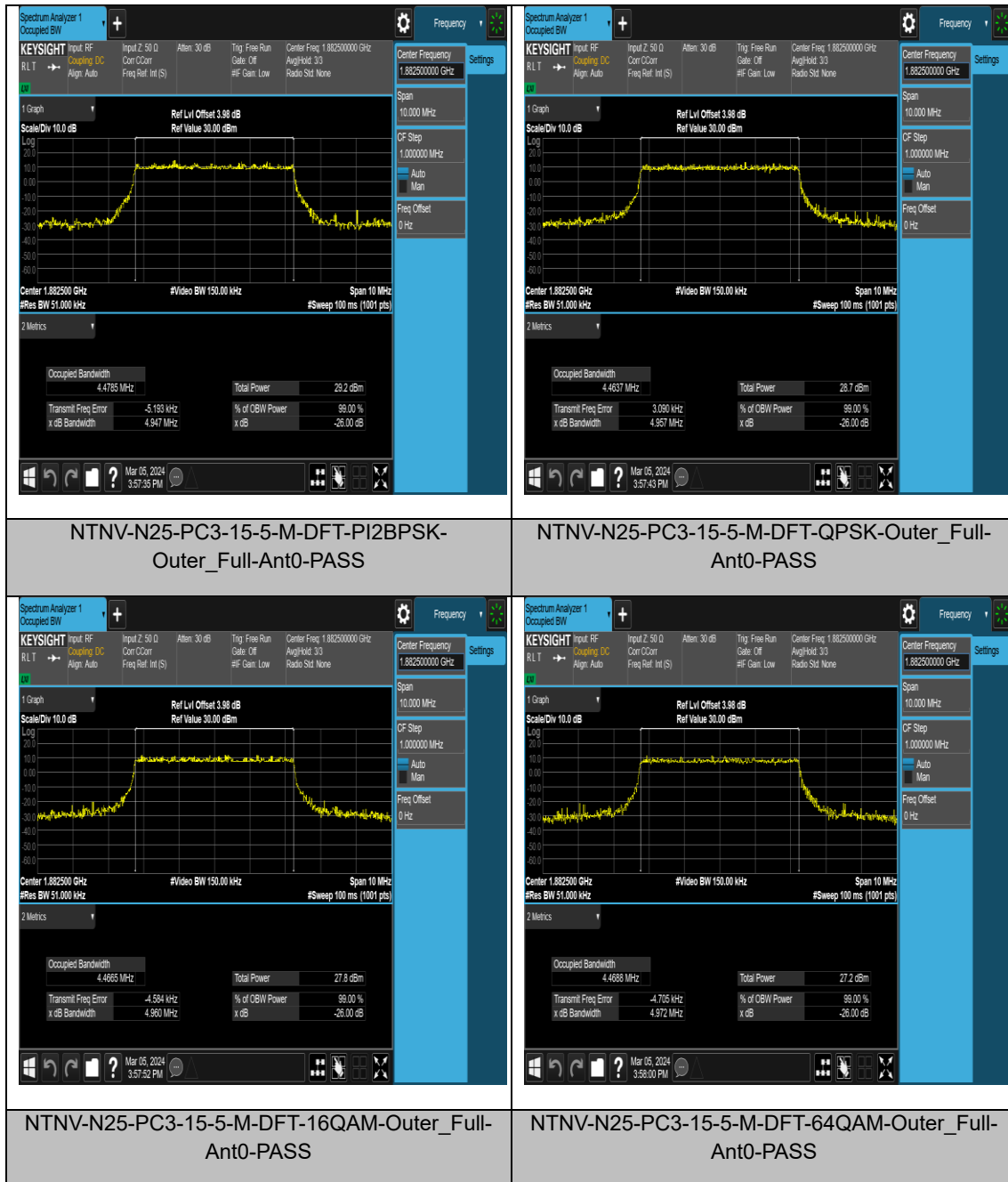
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N25	15	5	DFT-PI2BPSK	M	Outer_Full	4.4785	4.947	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	4.4637	4.957	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.4665	4.960	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.4688	4.972	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.4741	4.996	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	8.9162	9.603	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.9137	10.14	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.9309	9.515	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.9218	9.739	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.9252	9.628	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	13.411	14.29	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.400	14.28	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.411	14.34	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.389	14.24	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	13.402	14.19	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	17.875	18.76	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.878	18.85	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.898	18.80	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.871	18.83	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	17.882	19.82	PASS



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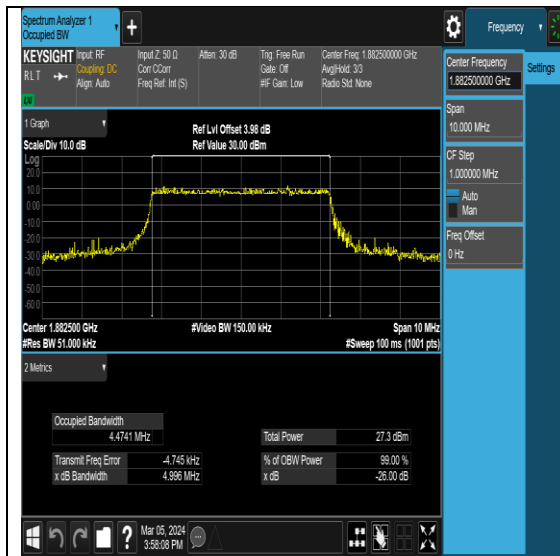
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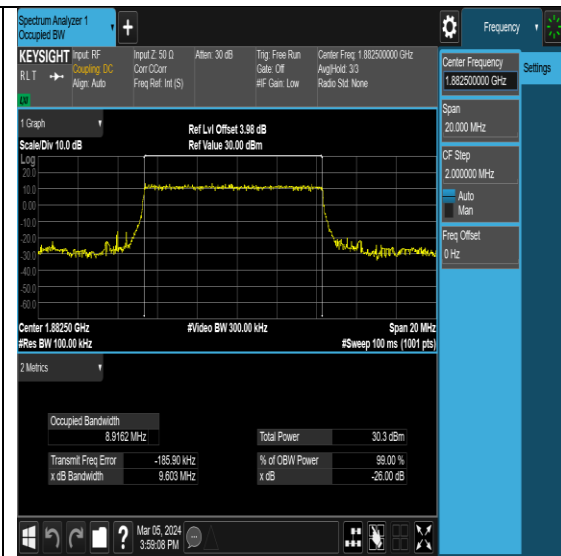


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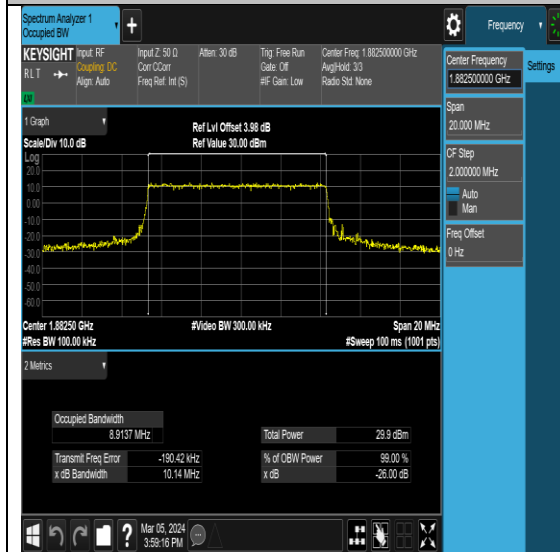
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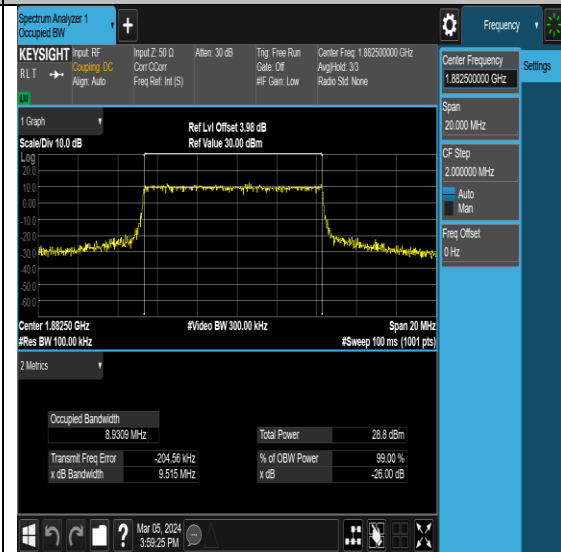
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NTNV-N25-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant0-PASS

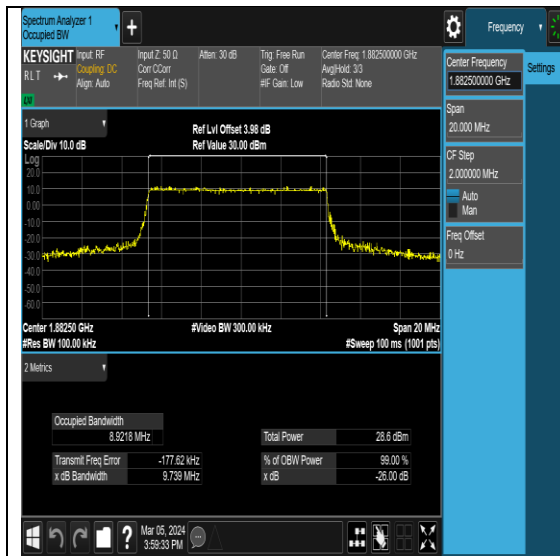


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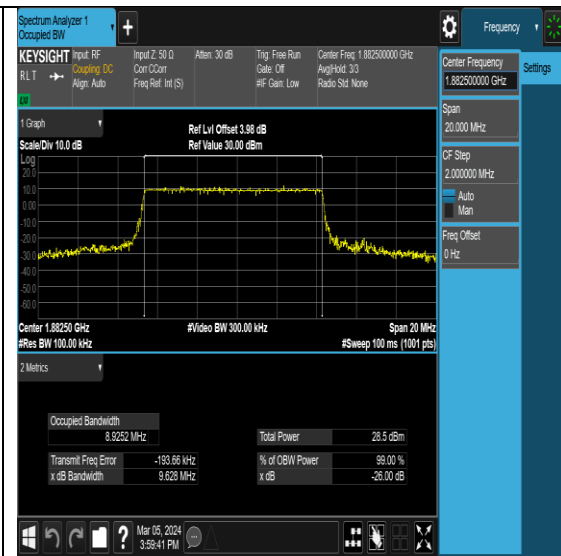


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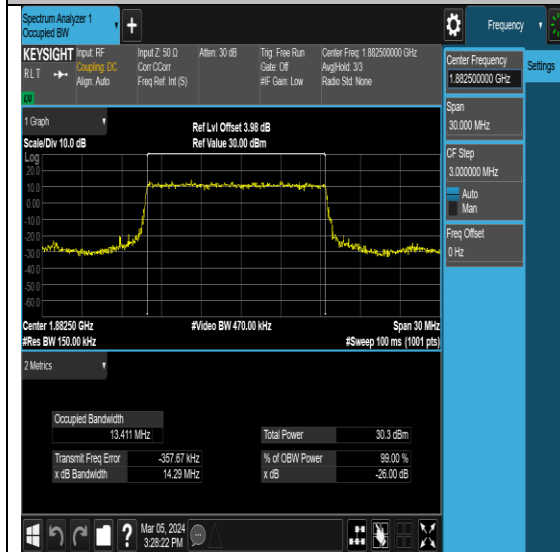
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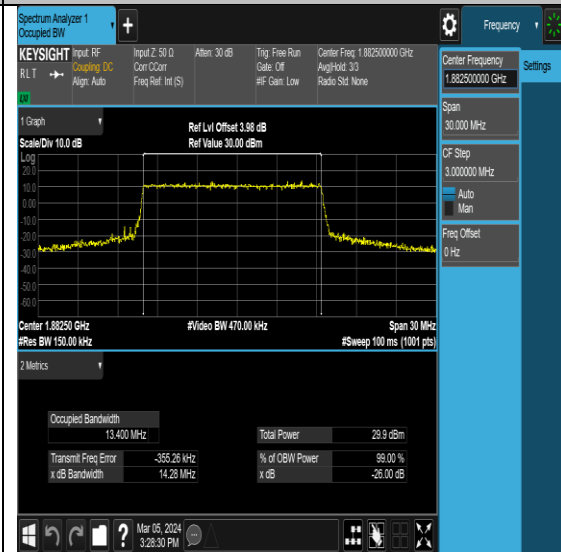
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NTNV-N25-PC3-15-15-M-DFT-PI2BPSK-Outer_Full-Ant0-PASS

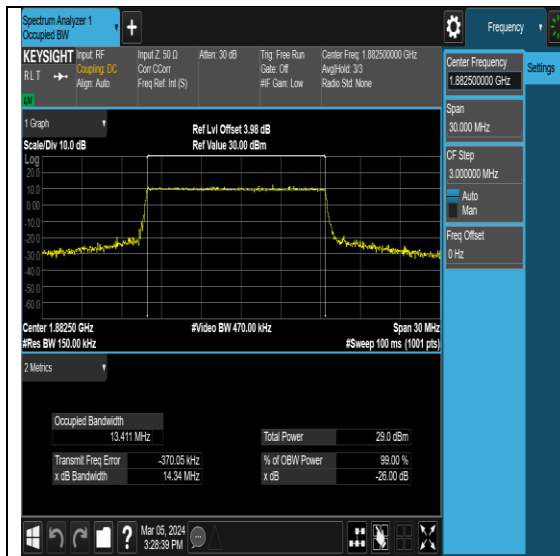


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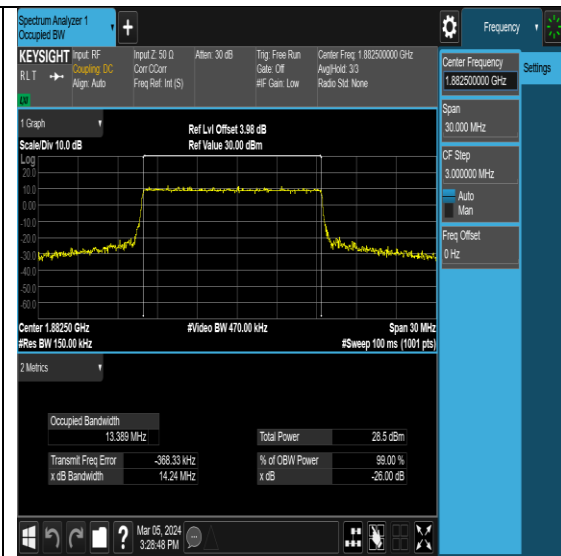


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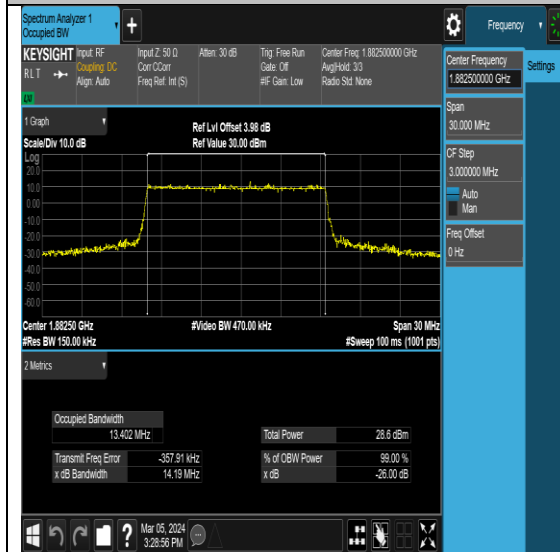
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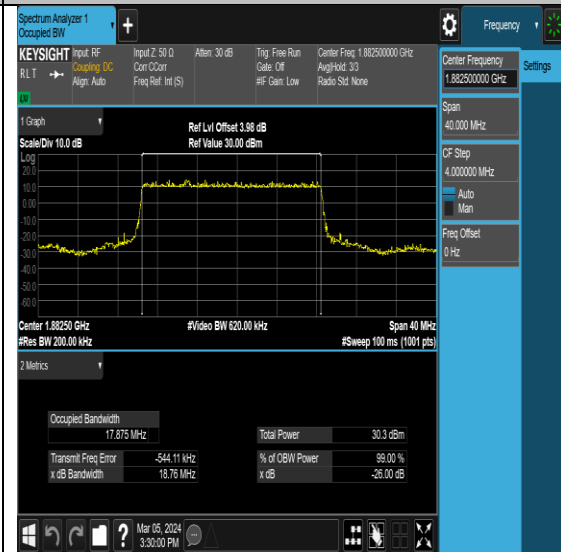
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NTNV-N25-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant0-PASS

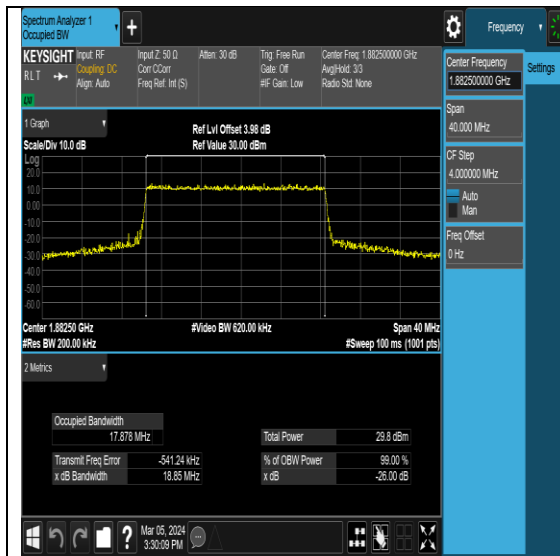


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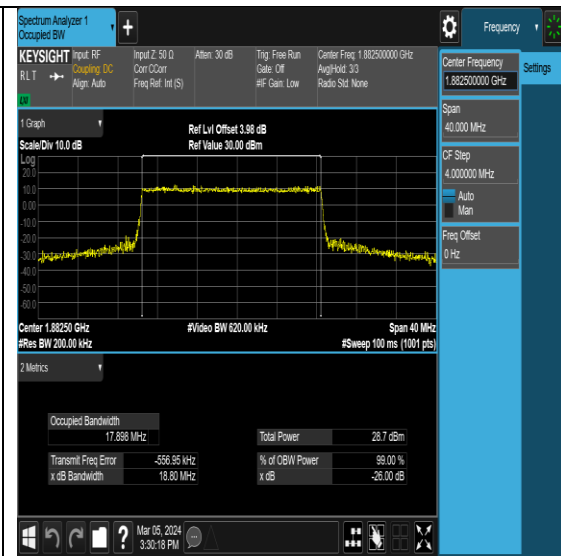


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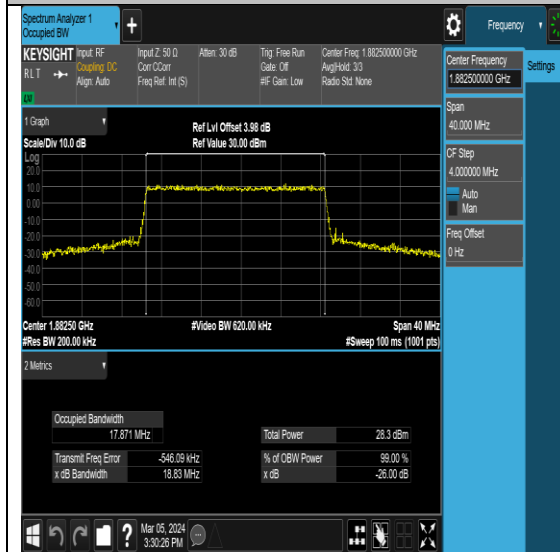
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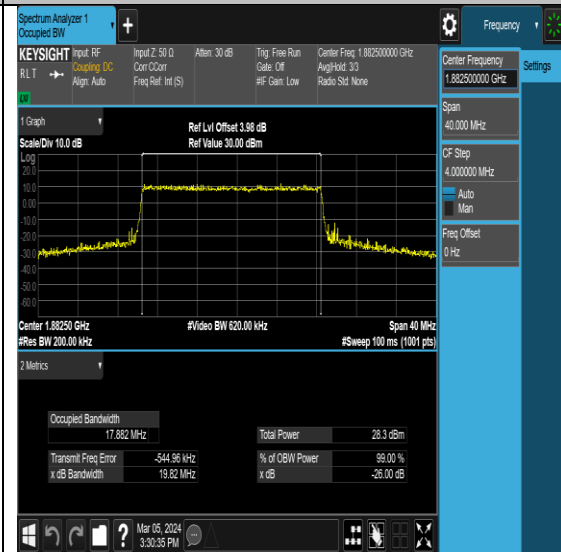
NTNV-N25-PC3-15-20-M-DFT-QPSK-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-20-M-DFT-16QAM-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-20-M-DFT-64QAM-Outer_Full-Ant0-PASS



NTNV-N25-PC3-15-20-M-DFT-256QAM-Outer_Full-Ant0-PASS



Band Edge

Test Result

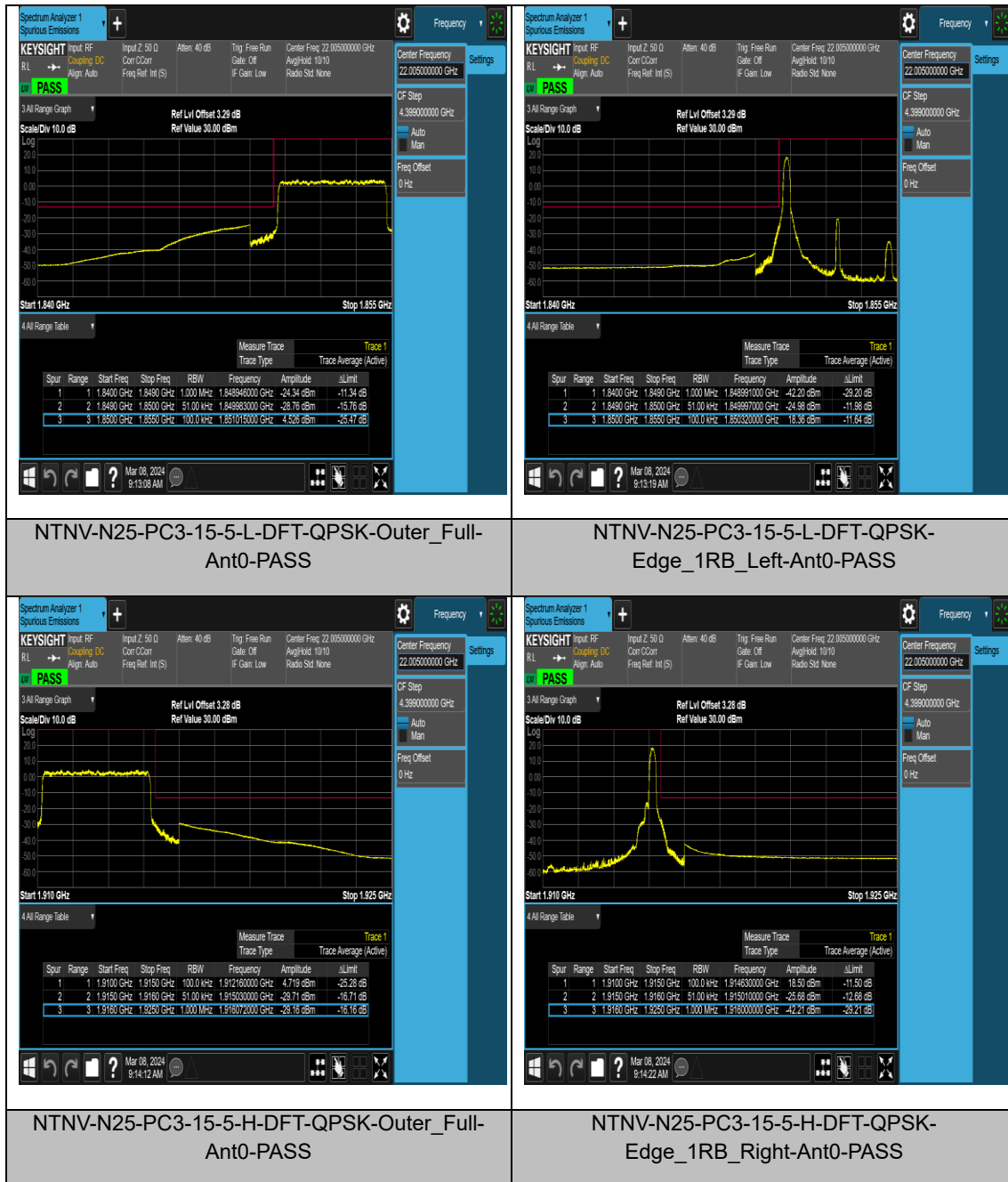
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	-24.34	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	-24.98	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	-29.16	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Right	-25.68	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	-25.91	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	-29.99	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	-32.02	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Right	-28.41	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	-26.89	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	-34.80	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	-29.50	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Right	-34.77	PASS



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Test Graphs



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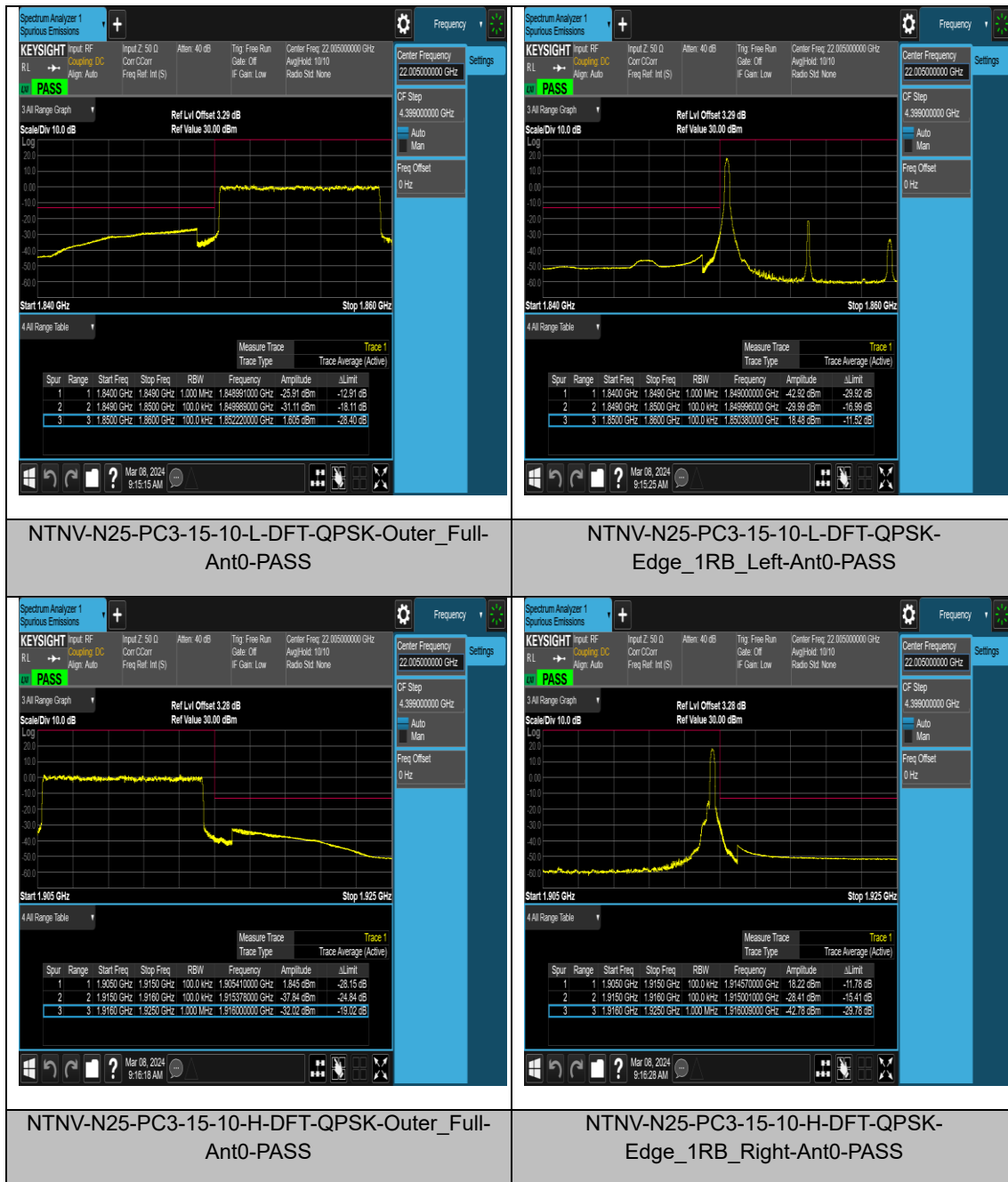
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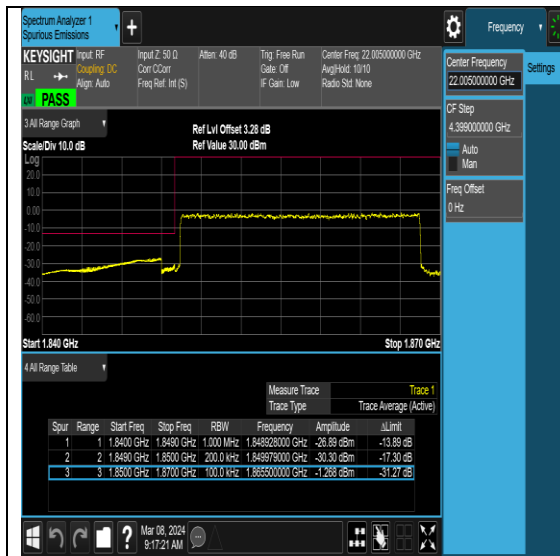
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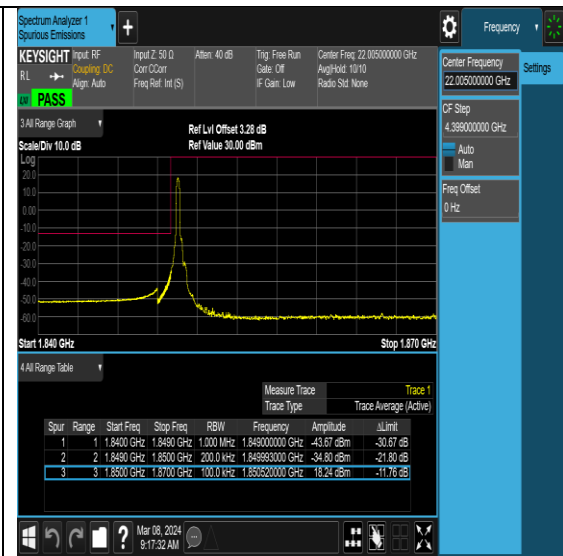


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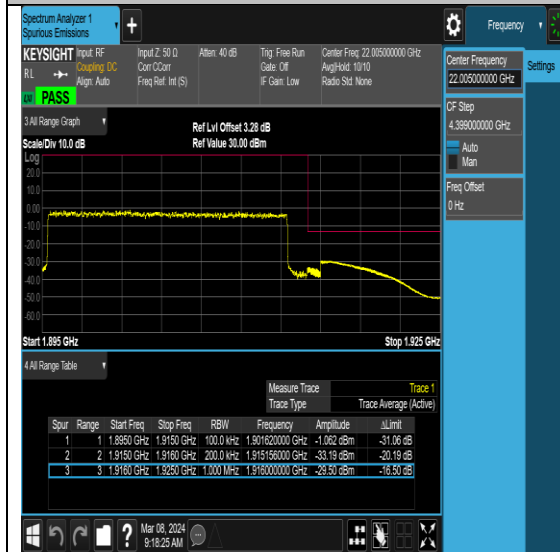
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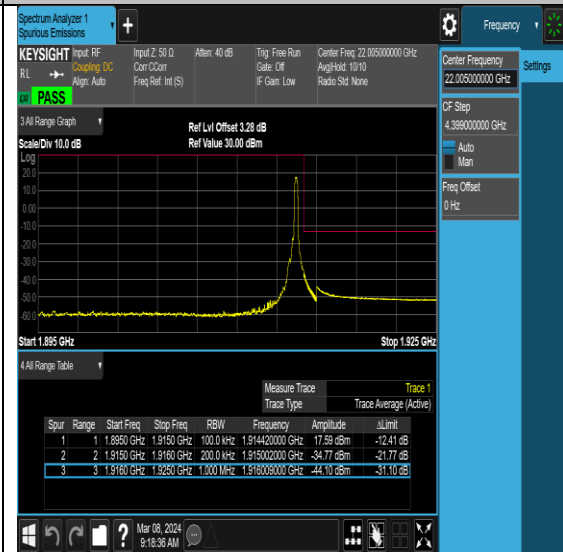
NTNV-N25-PC3-15-20-L-DFT-QPSK-Outter_Full-Ant0-PASS



NTNV-N25-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-Ant0-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Outter_Full-Ant0-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-Edge_1RB_Right-Ant0-PASS

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Conducted Spurious Emission

Test Result

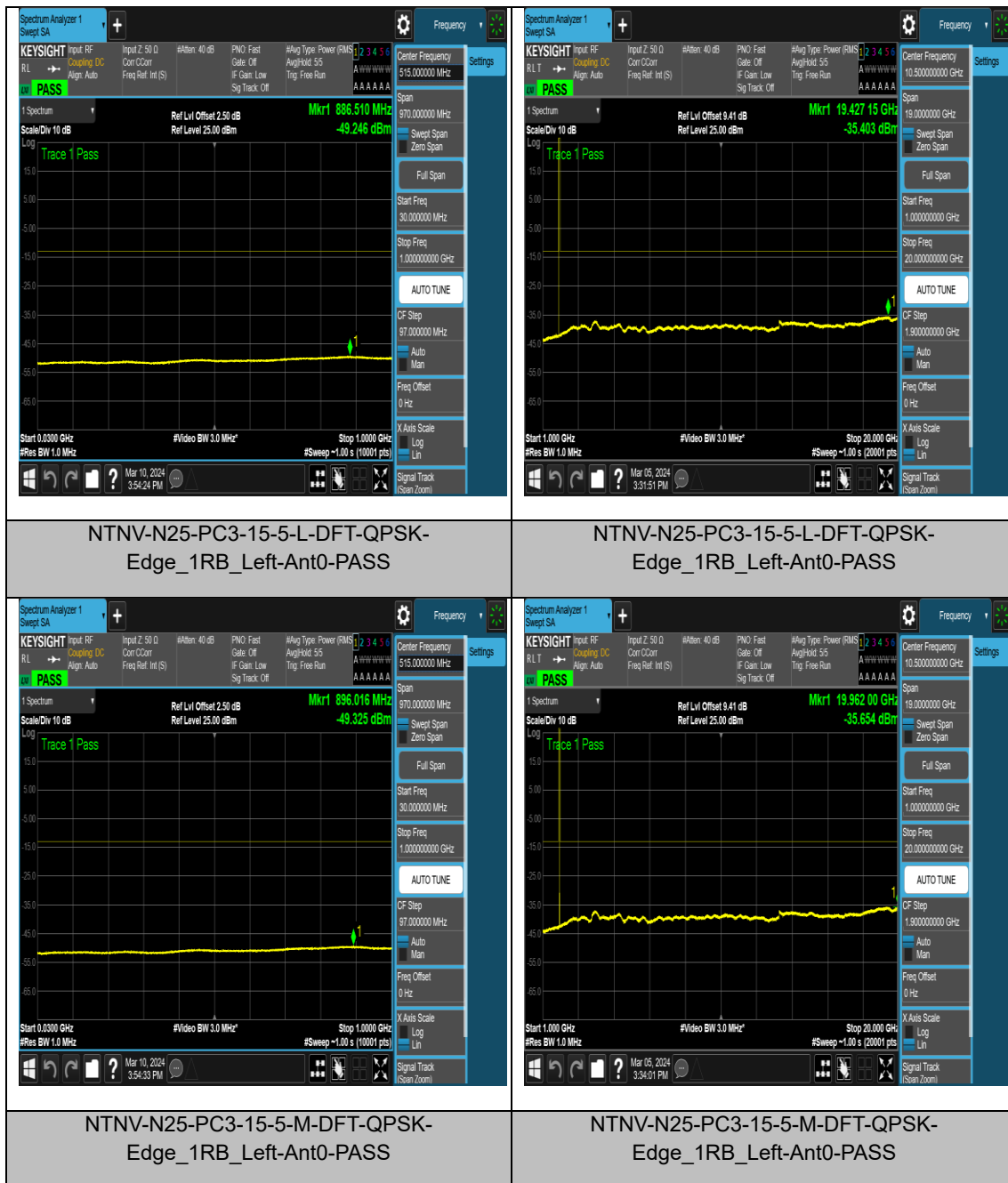
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.25	-13	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-35.40	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.32	-13	PASS
N25	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-35.65	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.19	-13	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-35.63	-13	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.28	-13	PASS
N25	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-35.63	-13	PASS
N25	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.26	-13	PASS
N25	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-35.65	-13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.26	-13	PASS
N25	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-35.72	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-49.04	-13	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	20000	-35.53	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-49.03	-13	PASS
N25	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	20000	-35.65	-13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-49.05	-13	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	20000	-35.67	-13	PASS



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Test Graphs



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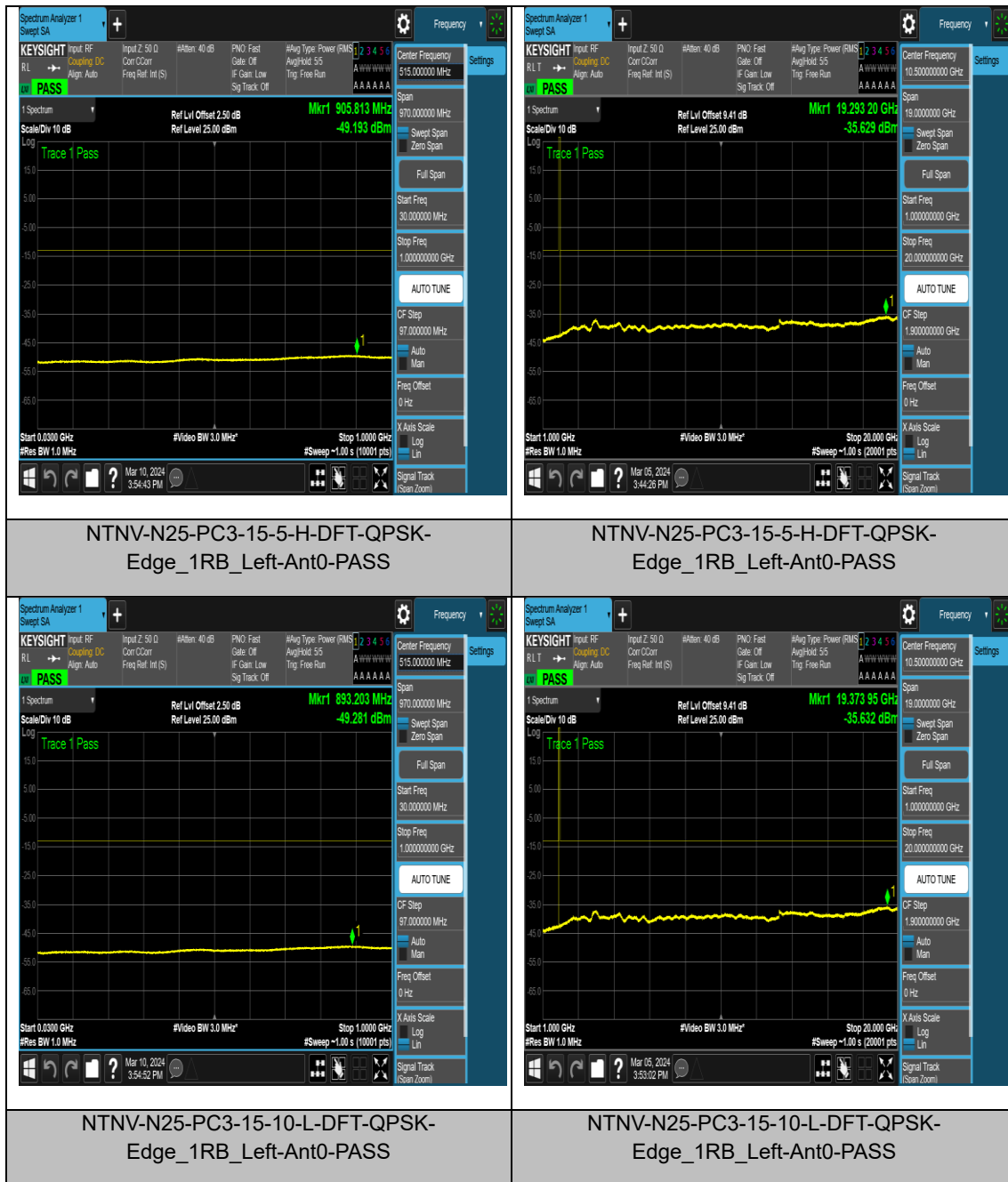
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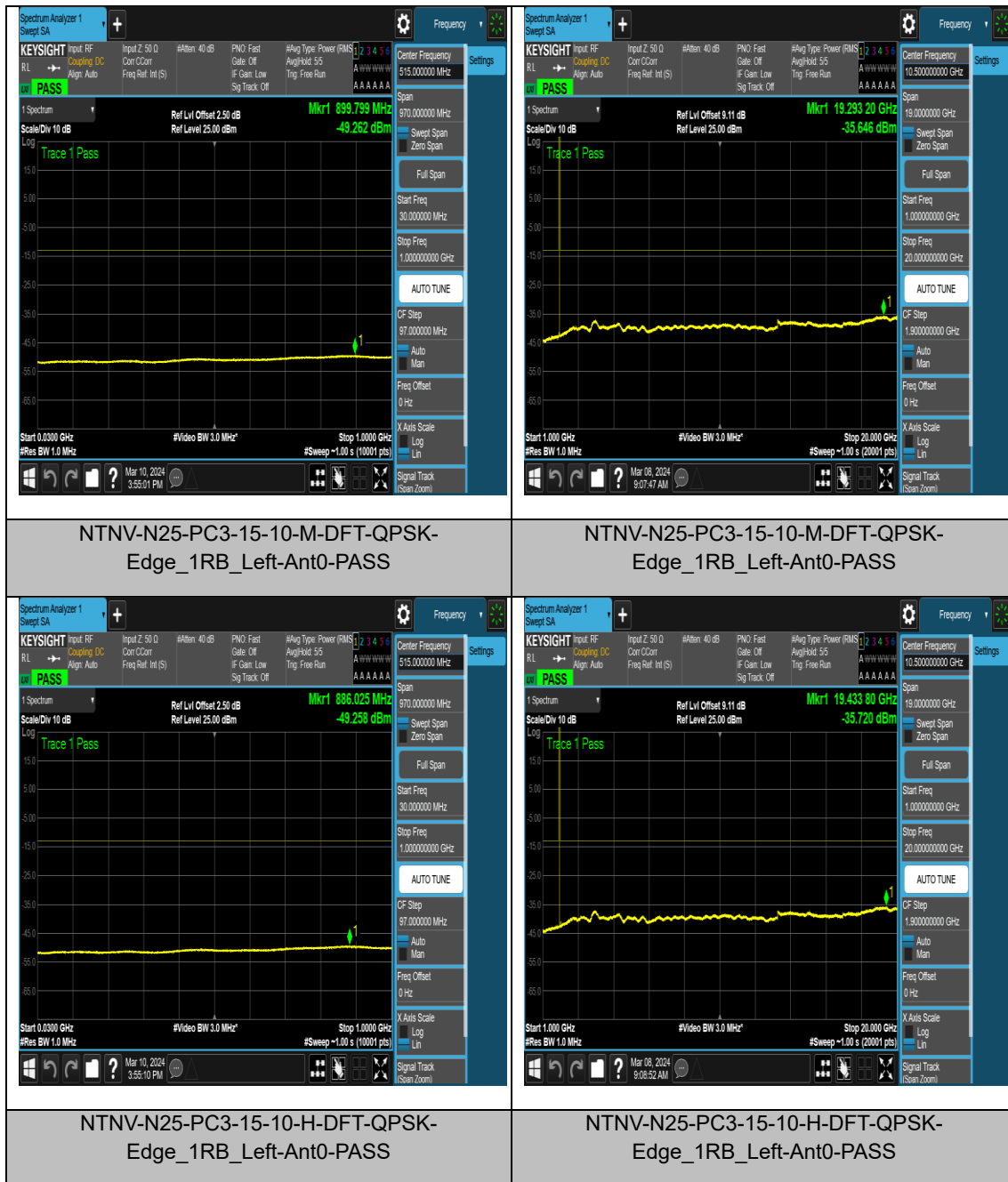
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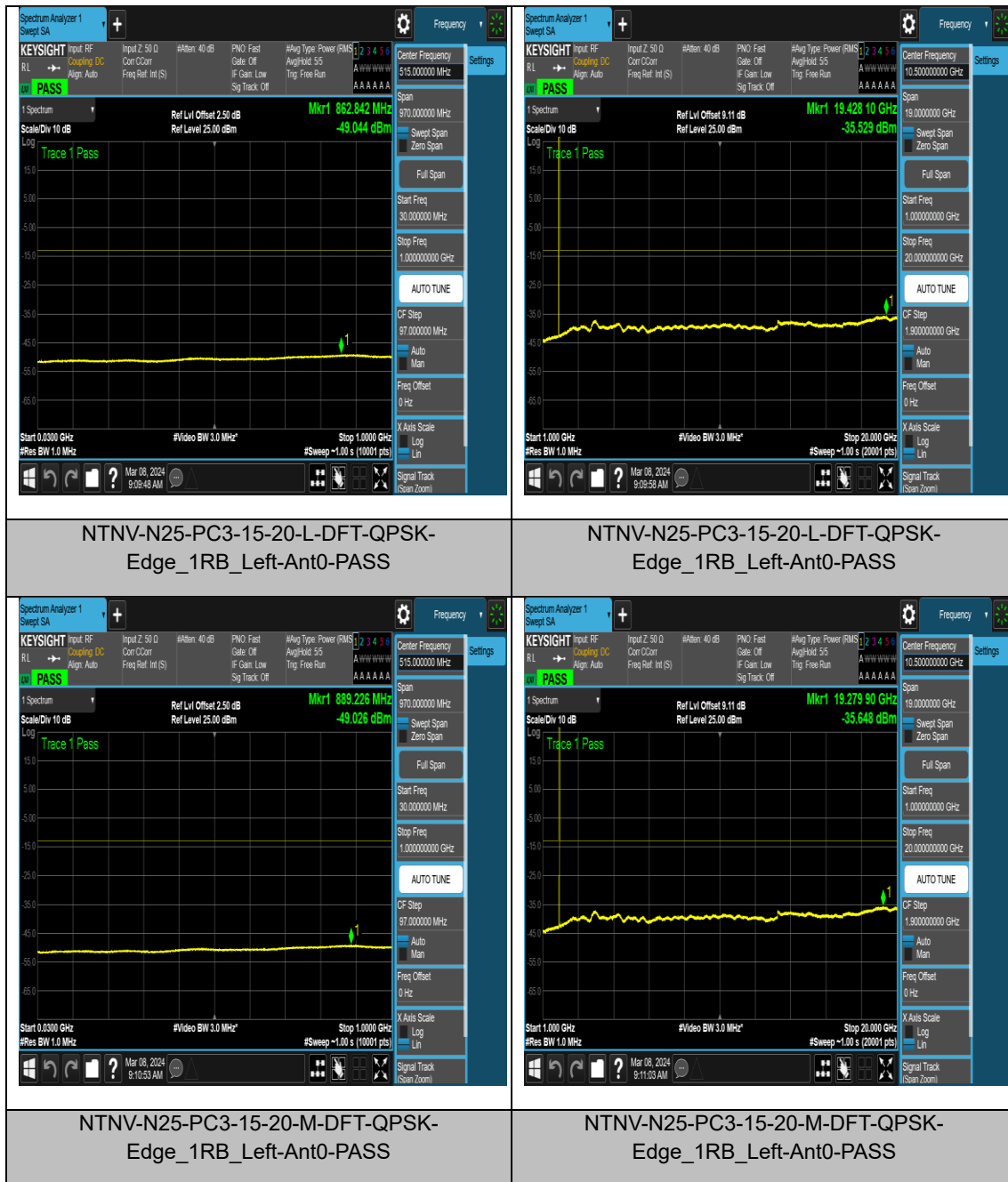
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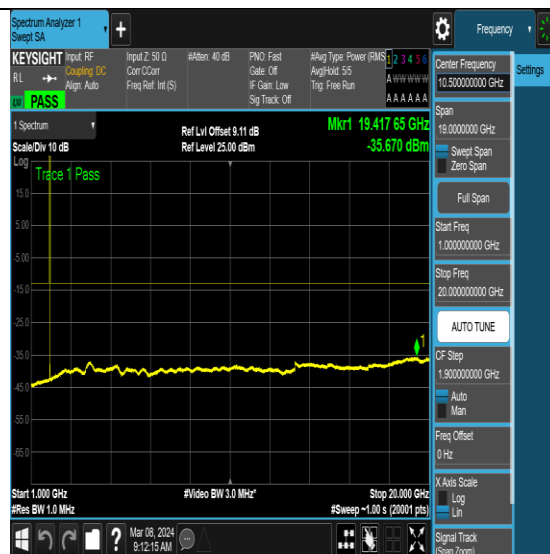


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NTNV-N25-PC3-15-20-H-DFT-QPSK-
Edge_1RB_Left-Ant0-PASS



NTNV-N25-PC3-15-20-H-DFT-QPSK-
Edge_1RB_Left-Ant0-PASS

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Frequency Stability

Test Result

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	19.000000	0.010215	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	12.000000	0.006452	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	10.000000	0.005376	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	3.000000	0.001613	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	17.000000	0.009140	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	11.000000	0.005914	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	13.000000	0.006989	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	15.000000	0.008064	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	11.000000	0.005914	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	13.000000	0.006989	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	8.000000	0.004301	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	7.000000	0.003763	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VL	NT	18.000000	0.009562	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VN	NT	10.000000	0.005312	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VH	NT	8.000000	0.004250	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	3.000000	0.001594	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	17.000000	0.009031	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	19.000000	0.010093	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	3.000000	0.001594	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	17.000000	0.009031	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	19.000000	0.010093	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	2.000000	0.001062	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	16.000000	0.008499	PASS



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N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	15.000000	0.007967	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	19.000000	0.009974	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	14.000000	0.007349	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	12.000000	0.006299	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	4.000000	0.002100	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	19.000000	0.009974	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	2.000000	0.001050	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	7.000000	0.003675	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	9.000000	0.004724	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	20	9.000000	0.004724	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	30	1.000000	0.000525	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	40	3.000000	0.001575	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	50	17.000000	0.008924	PASS