

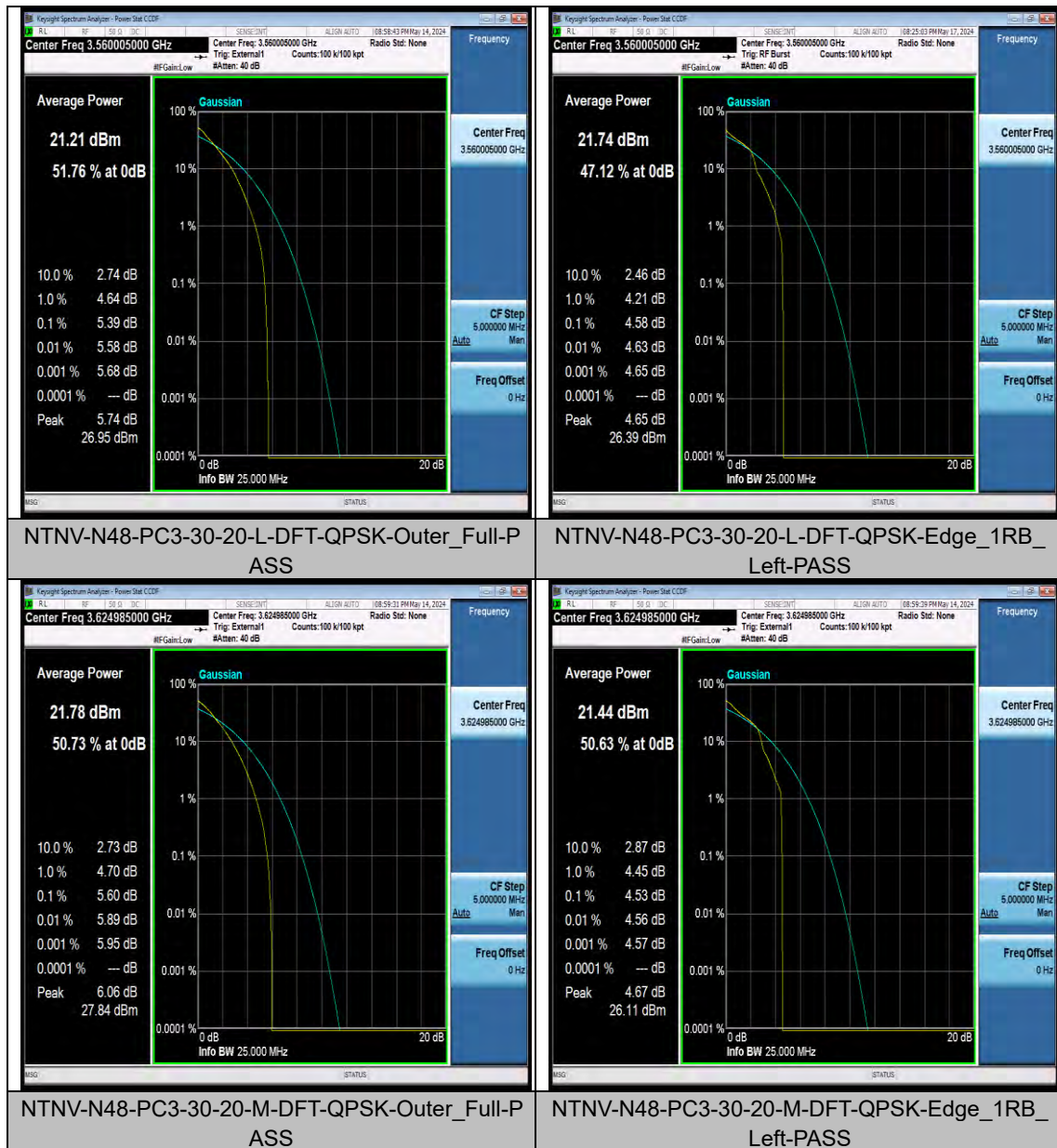
APPENDIX D

N48

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N48	30	20	DFT-QPSK	L	Outer_Full	5.39	≤13	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Left	4.58	≤13	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	5.60	≤13	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Left	4.53	≤13	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	5.48	≤13	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Left	4.38	≤13	PASS

TEST GRAPHS



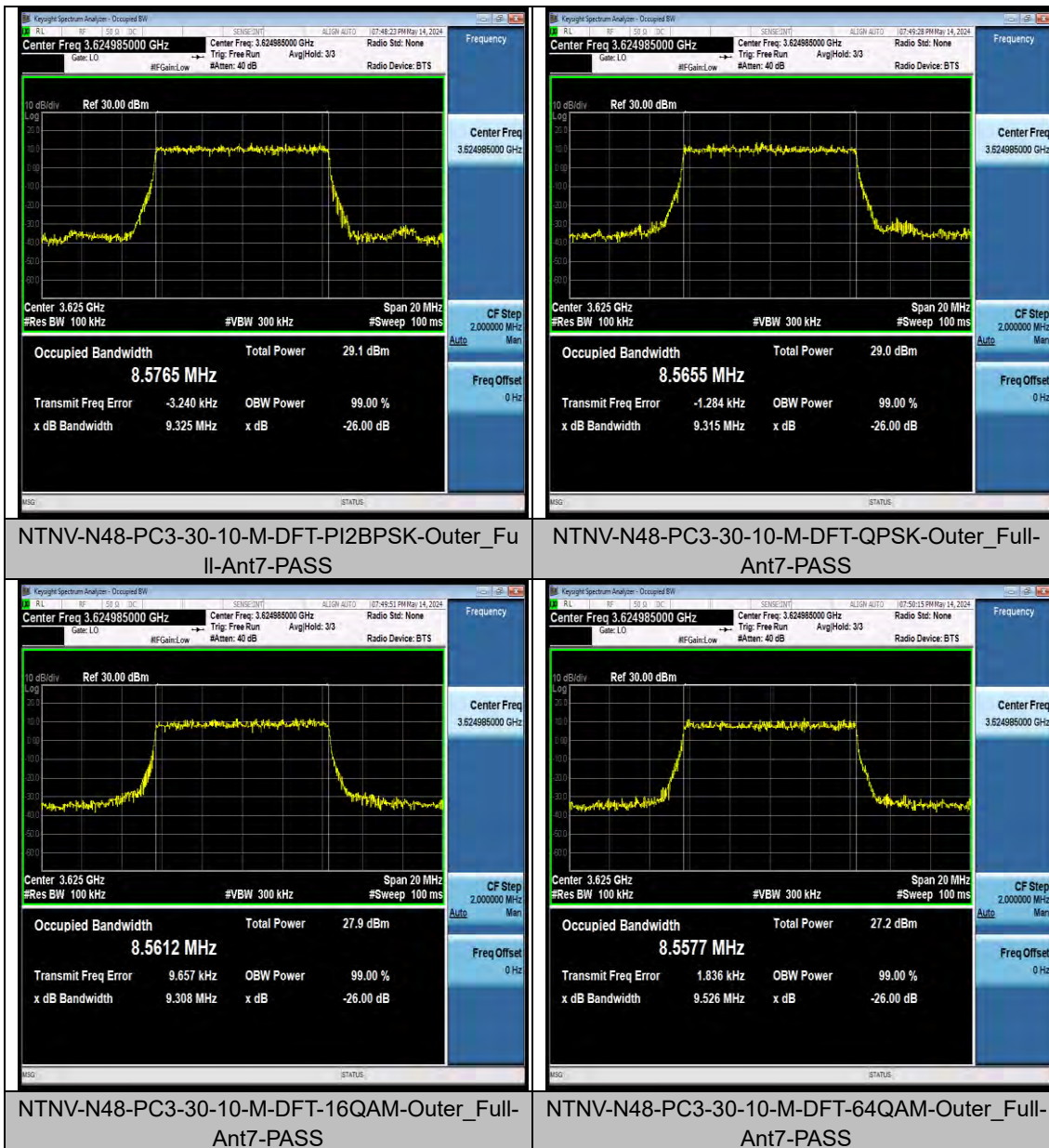


26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	10	DFT-PI2BPSK	M	Outer_Full	8.5765	9.325	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	8.5655	9.315	PASS
N48	30	10	DFT-16QAM	M	Outer_Full	8.5612	9.308	PASS
N48	30	10	DFT-64QAM	M	Outer_Full	8.5577	9.526	PASS
N48	30	10	DFT-256QAM	M	Outer_Full	8.5599	9.388	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.788	18.88	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.758	18.88	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.869	18.88	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.790	19.13	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.804	18.90	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.661	37.29	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.720	37.05	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.749	37.25	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	35.750	37.30	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	35.723	37.41	PASS

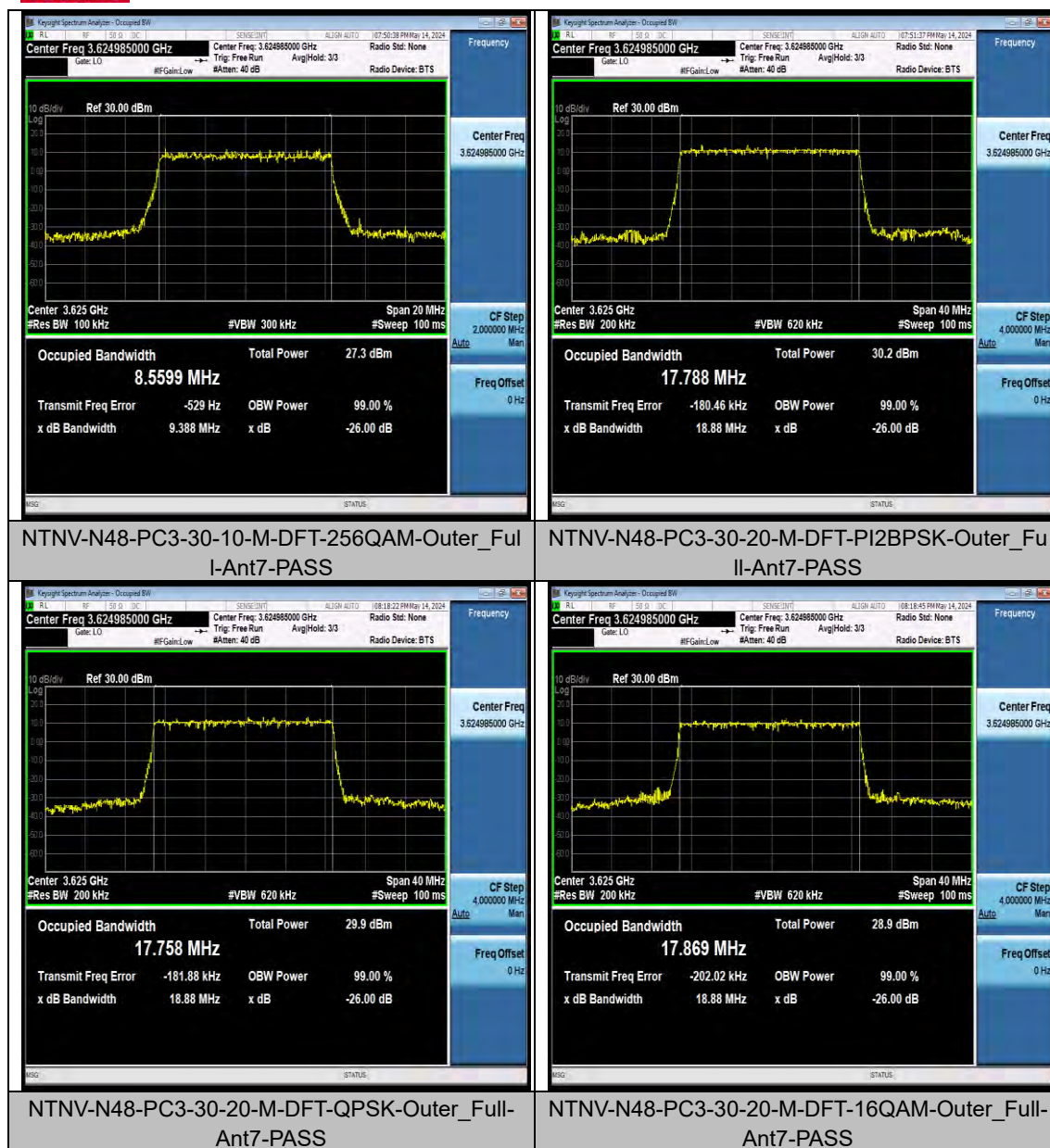
TEST GRAPHS





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VERITAS

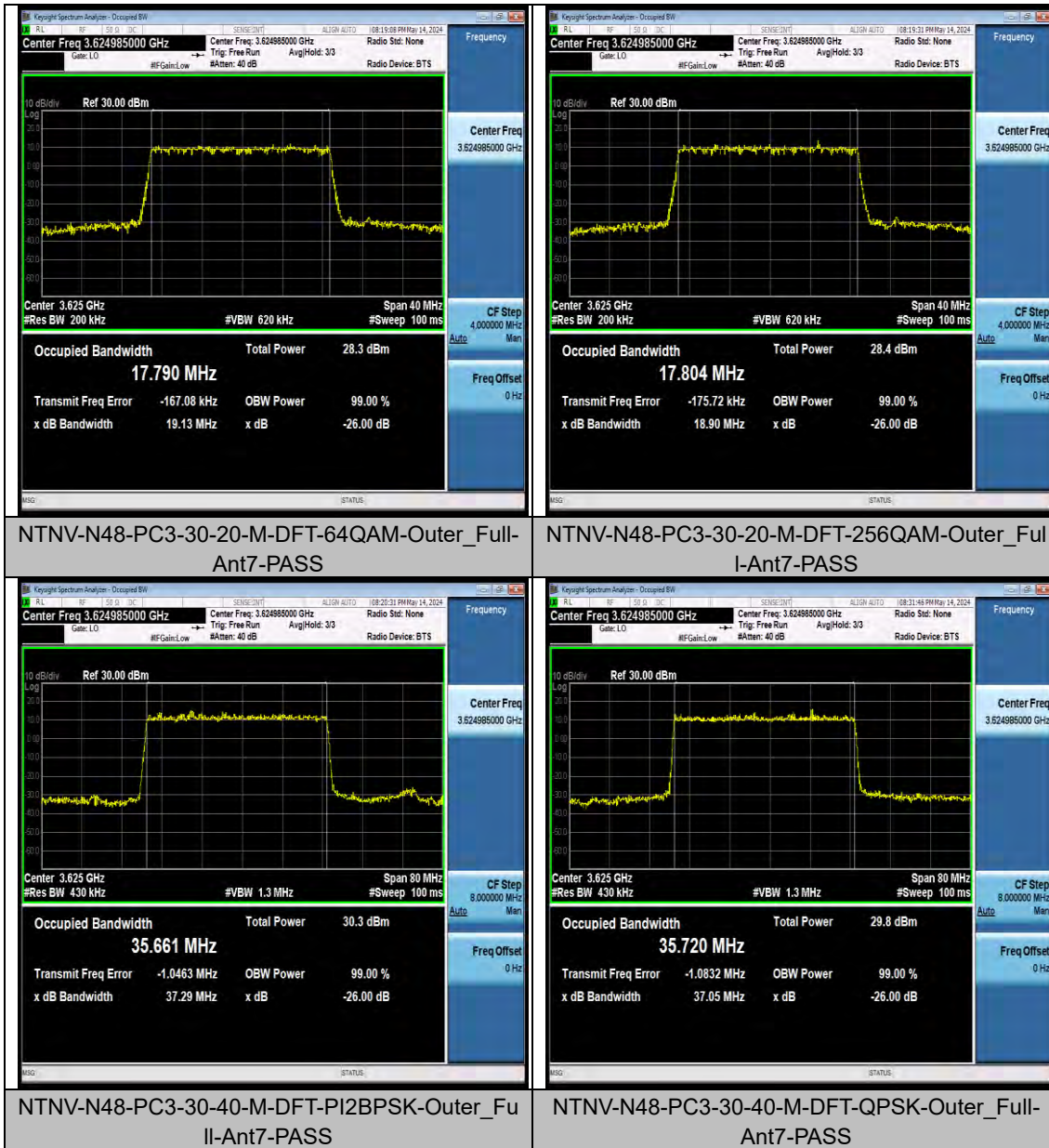
Reference No.: W7L-P24030018RF12





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VERITAS

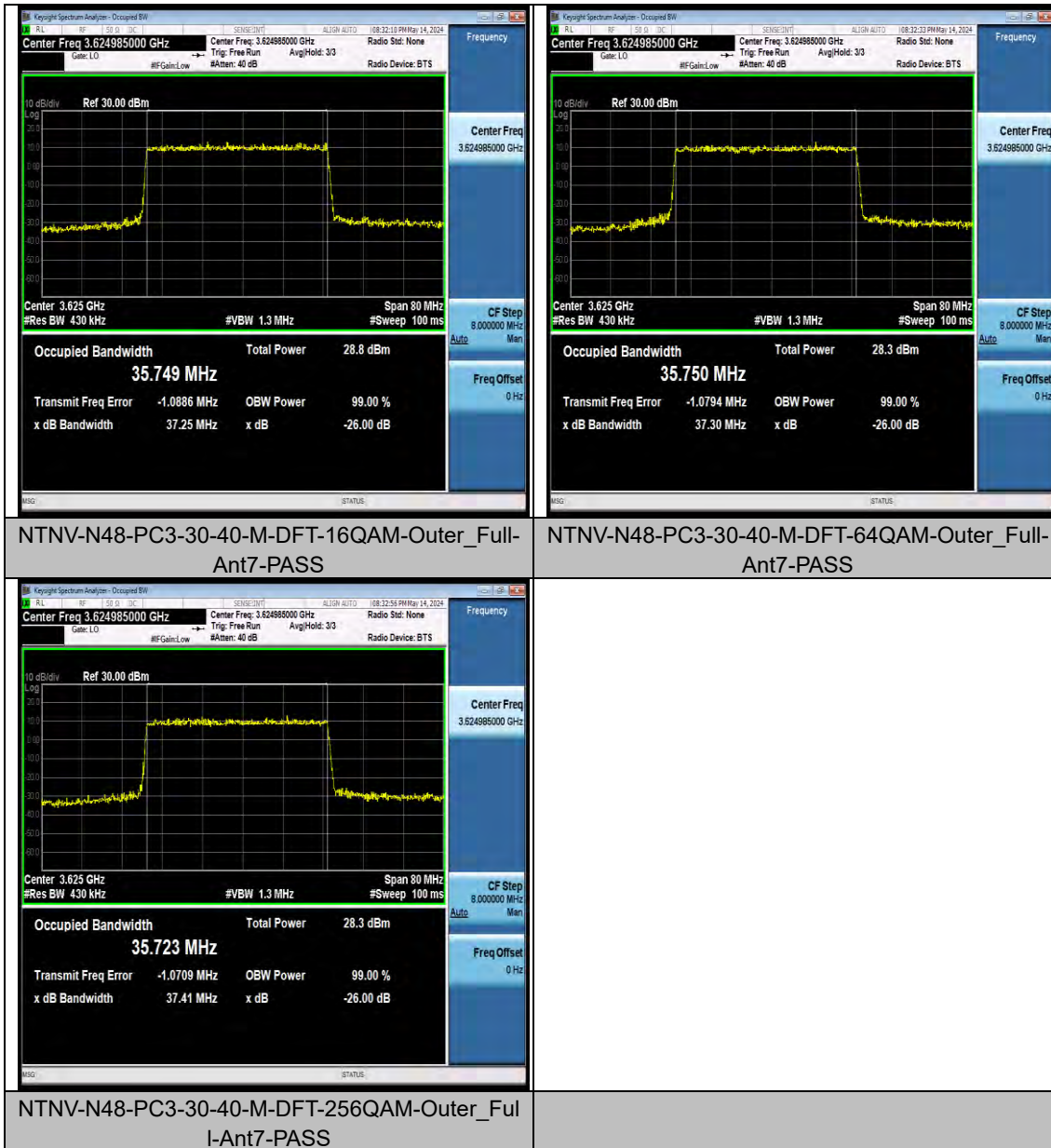
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VERITAS

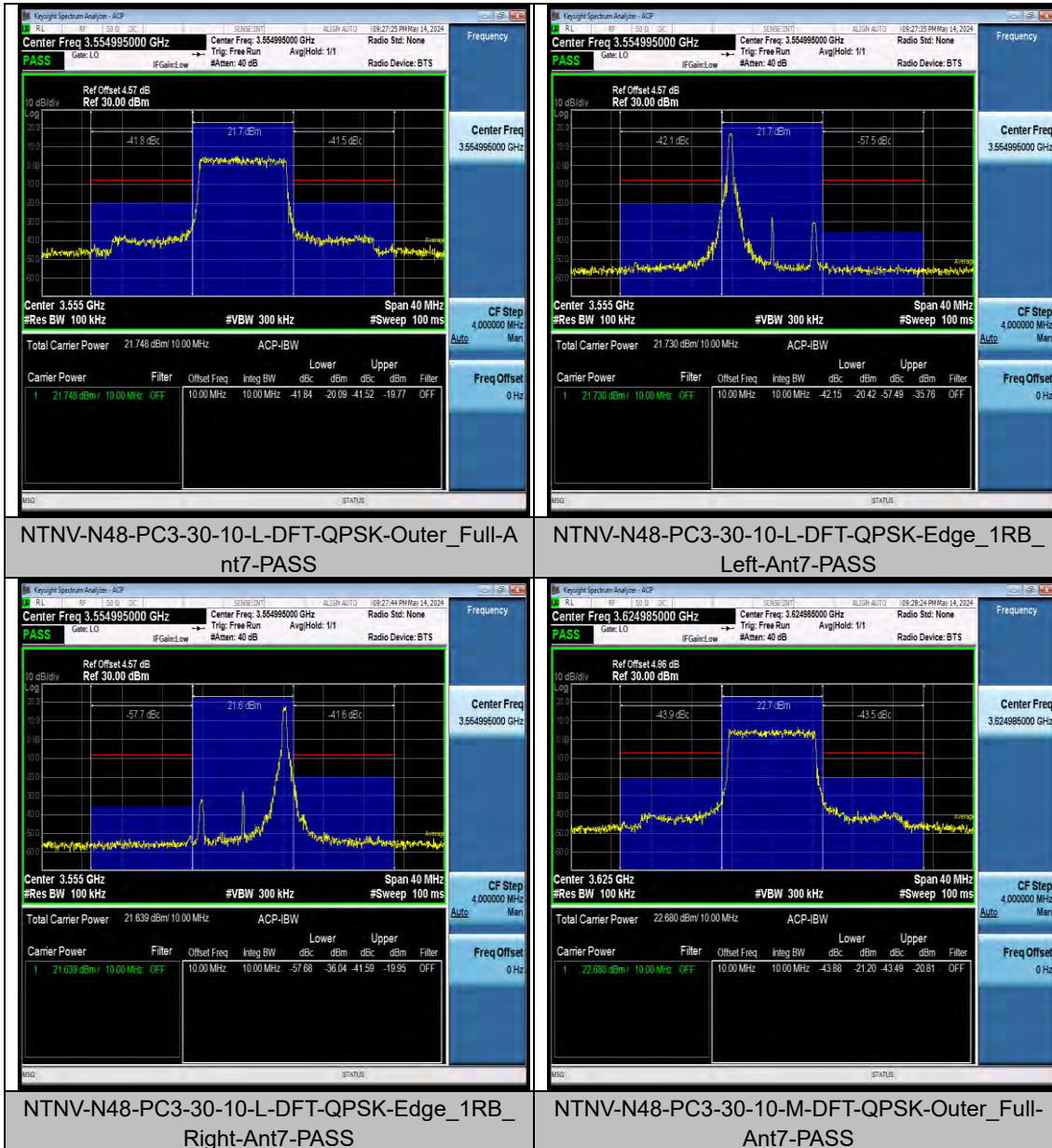
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ACLR FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N48	30	10	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	40	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	40	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	40	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	40	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	40	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	40	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS

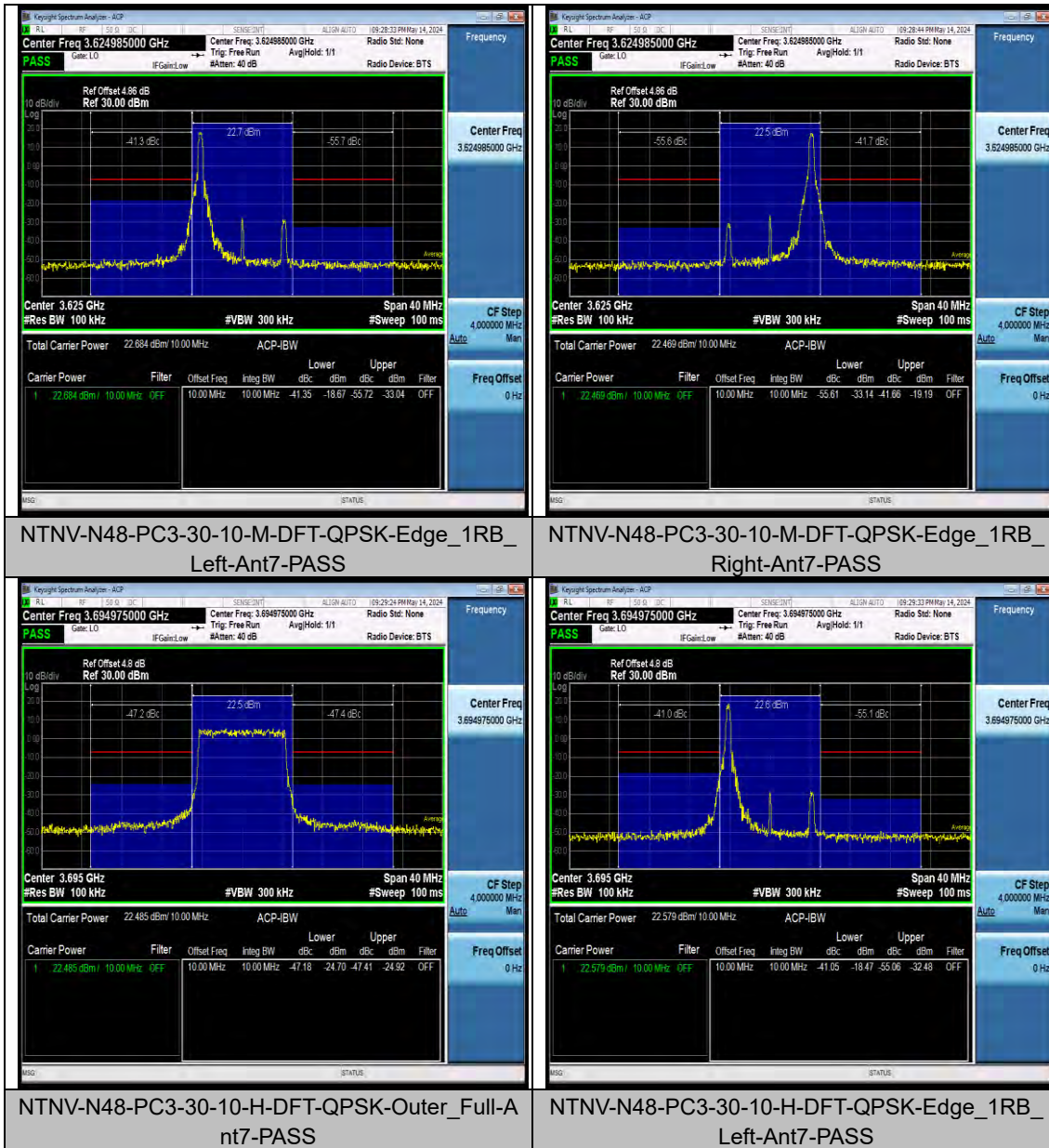
TEST GRAPHS





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VERITAS

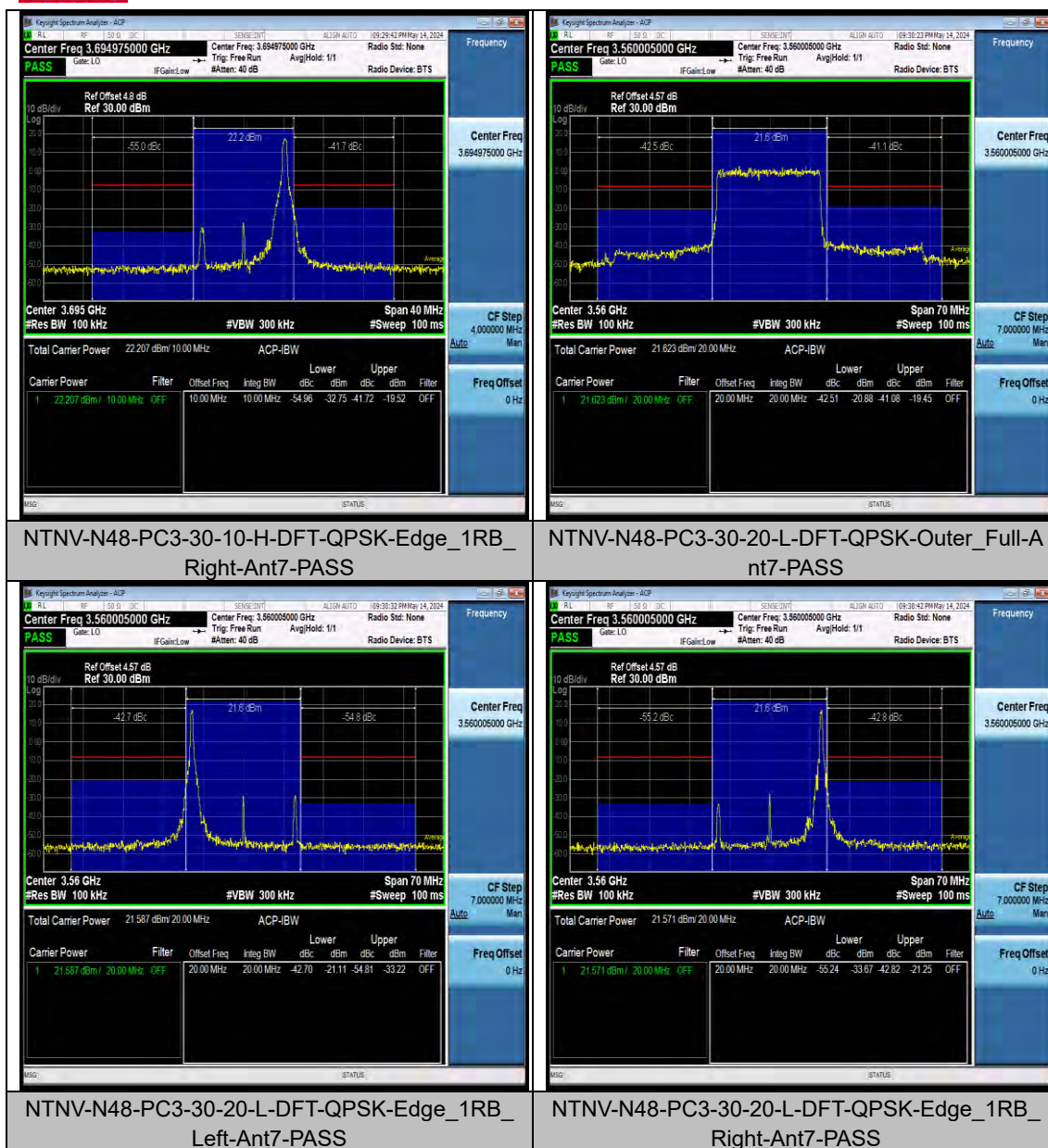
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VERITAS

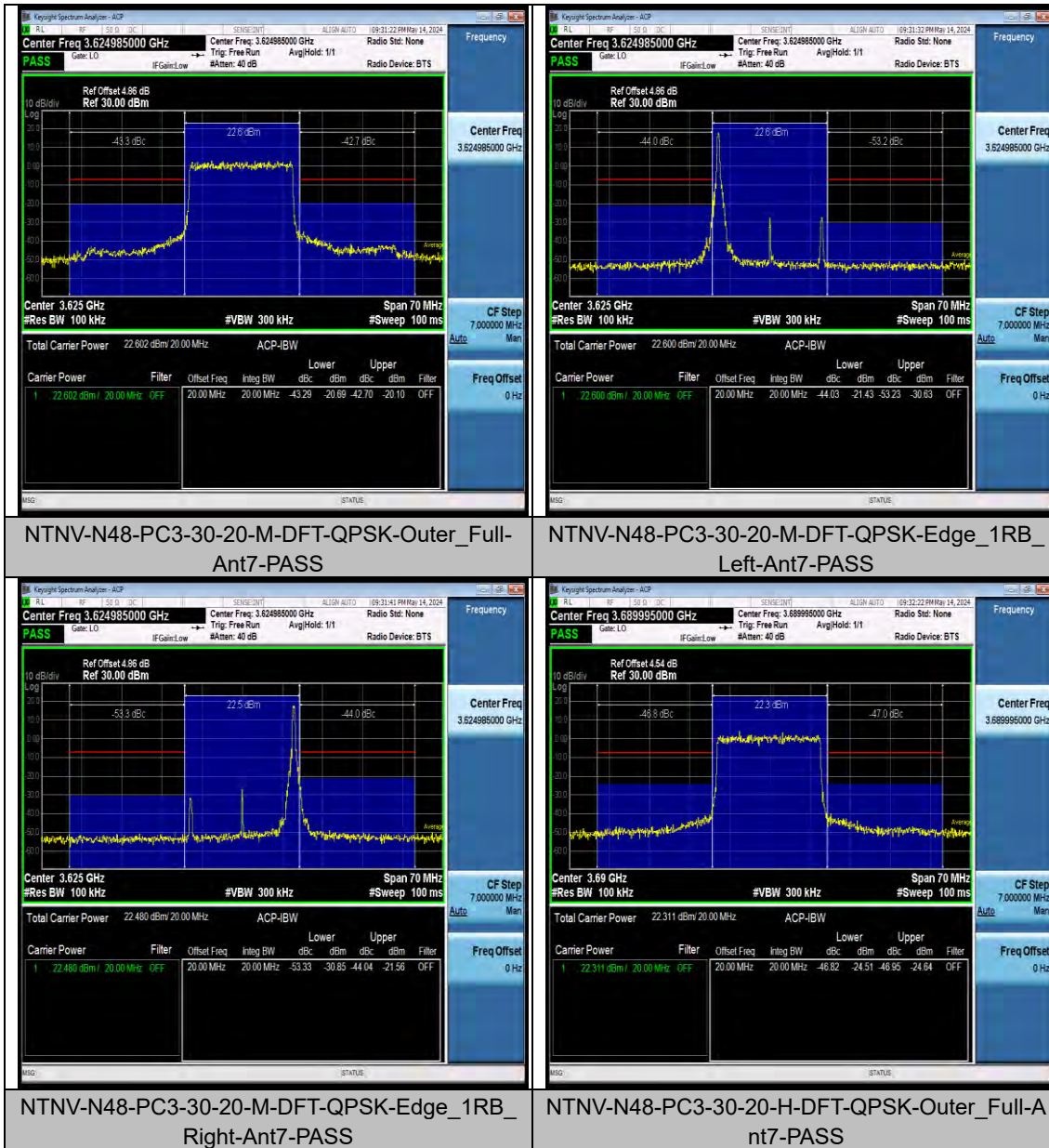
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VERITAS

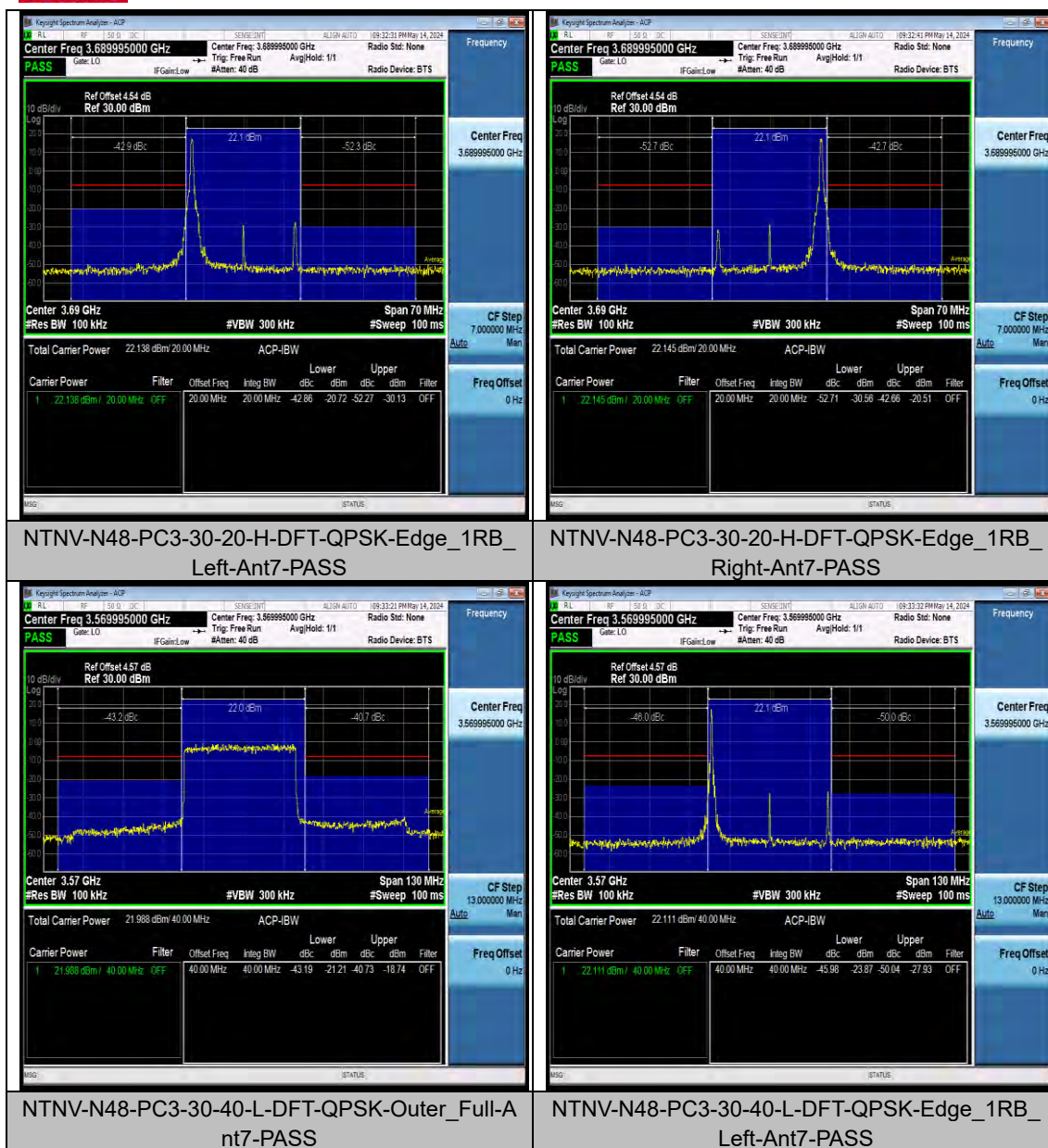
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VERITAS

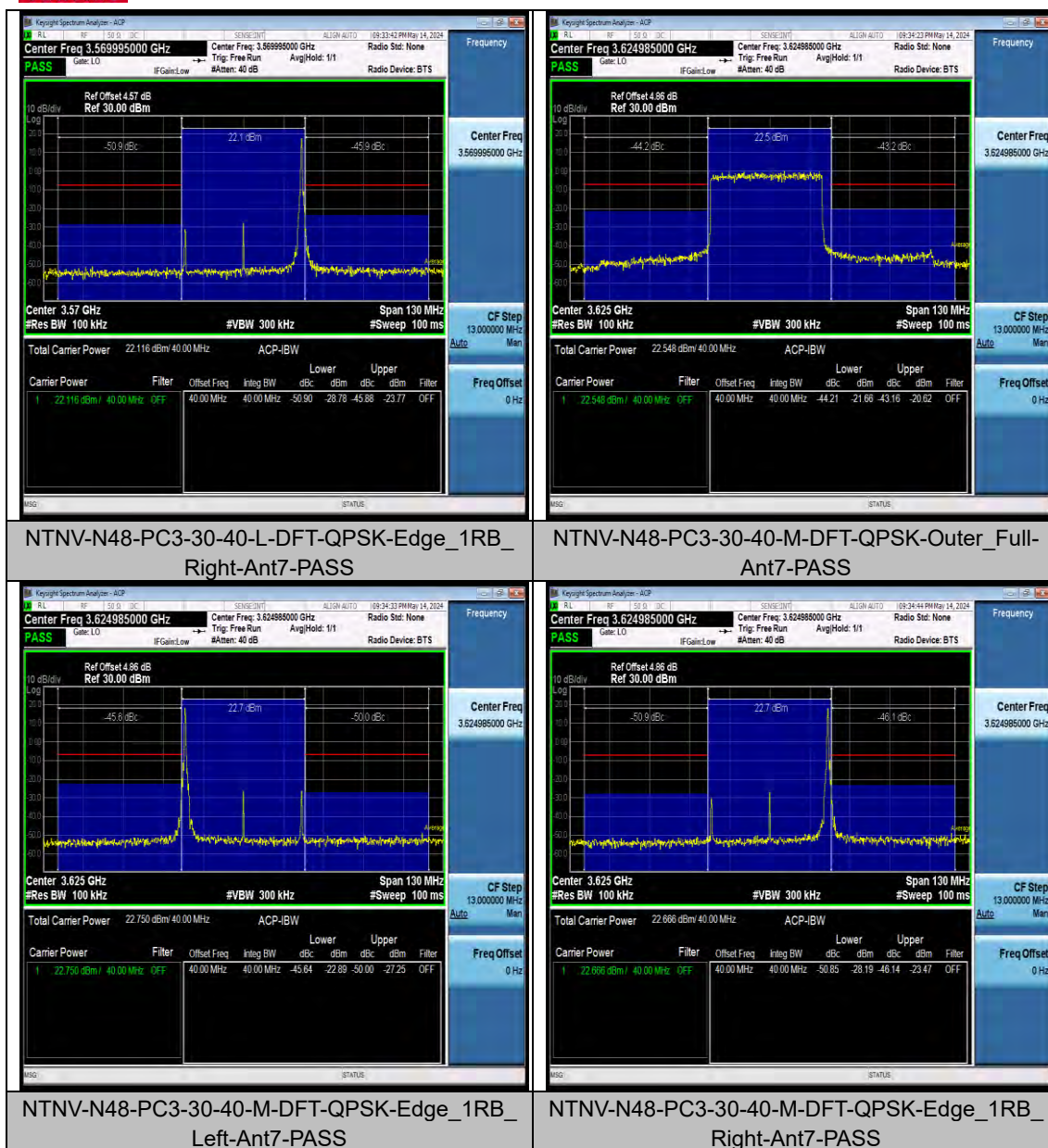
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VERITAS

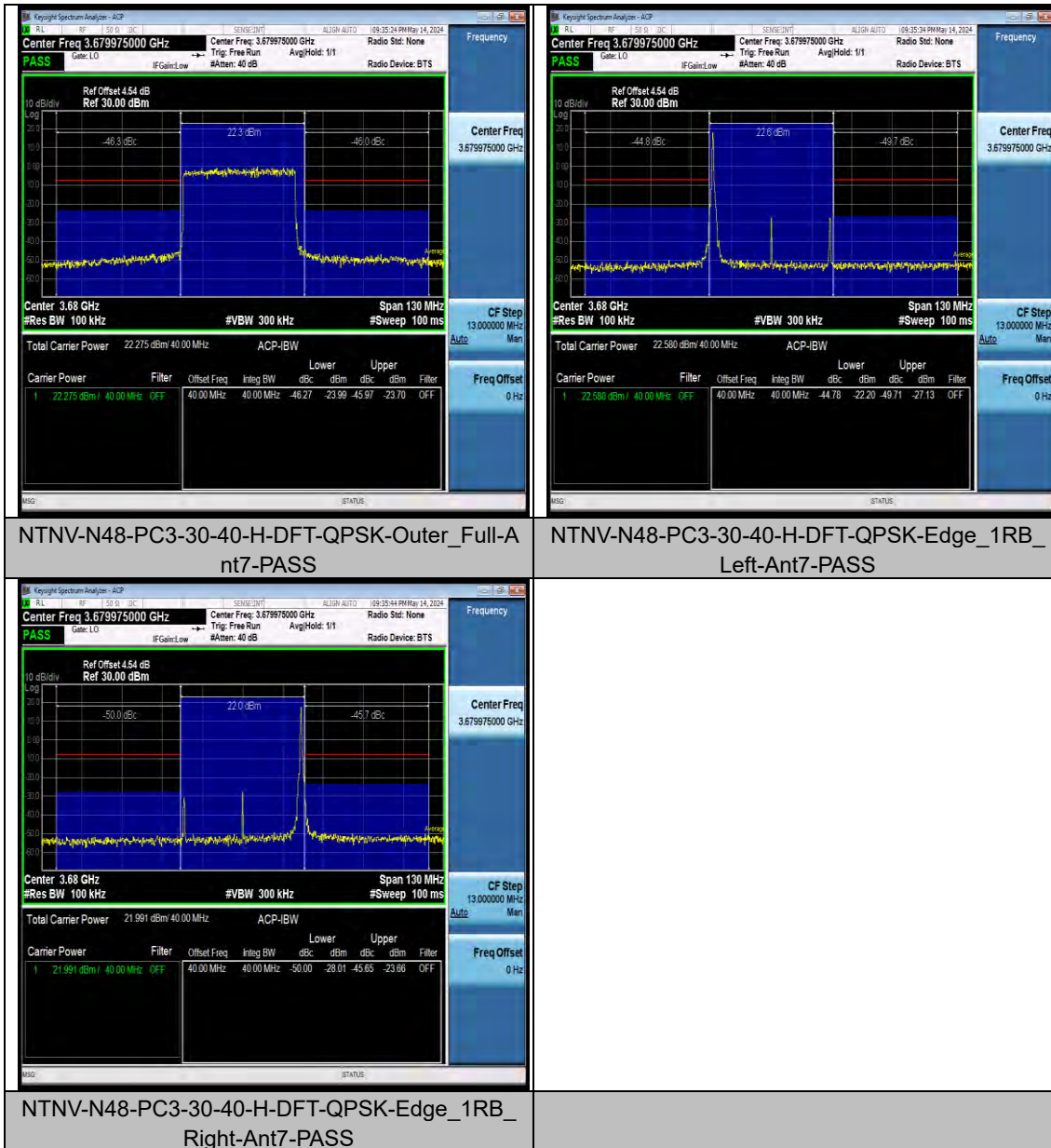
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VERITAS

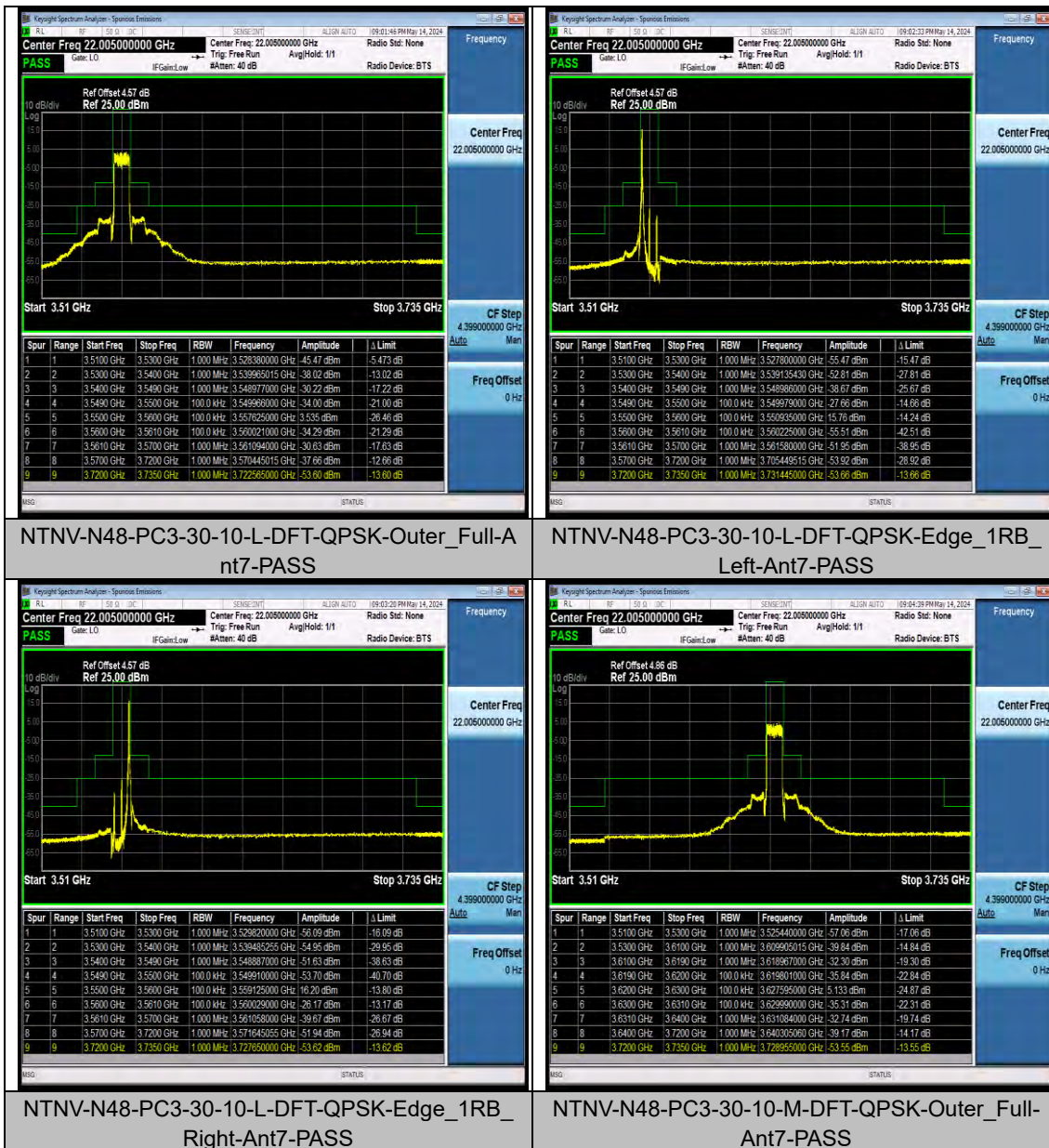
Reference No.: W7L-P24030018RF12



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N48	30	10	DFT-QPSK	L	Outer_Full	-45.47	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	-53.66	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	-26.17	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	-53.55	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Left	-52.95	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Right	-53.59	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	-47.21	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	-52.98	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Right	-52.45	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	-42.94	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Left	-53.65	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Right	-53.73	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	-53.10	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Left	-53.45	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Right	-53.45	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	-44.49	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Left	-53.67	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Right	-52.64	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	-41.01	PASS
N48	30	40	DFT-QPSK	L	Edge_1RB_Left	-53.61	PASS
N48	30	40	DFT-QPSK	L	Edge_1RB_Right	-53.63	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	-49.75	PASS
N48	30	40	DFT-QPSK	M	Edge_1RB_Left	-53.48	PASS
N48	30	40	DFT-QPSK	M	Edge_1RB_Right	-53.19	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	-43.61	PASS
N48	30	40	DFT-QPSK	H	Edge_1RB_Left	-53.89	PASS
N48	30	40	DFT-QPSK	H	Edge_1RB_Right	-52.24	PASS

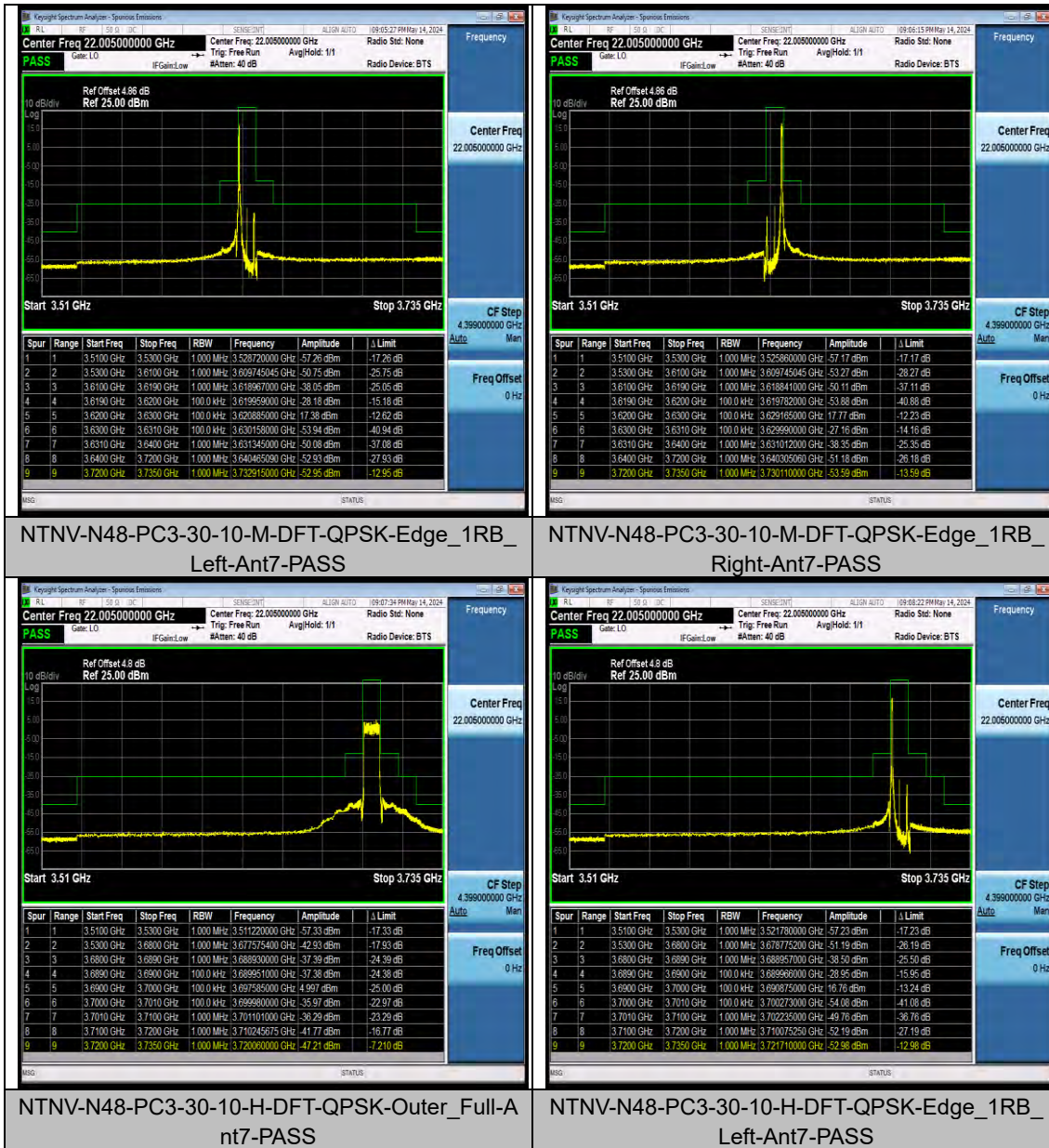
TEST GRAPHS





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VERITAS

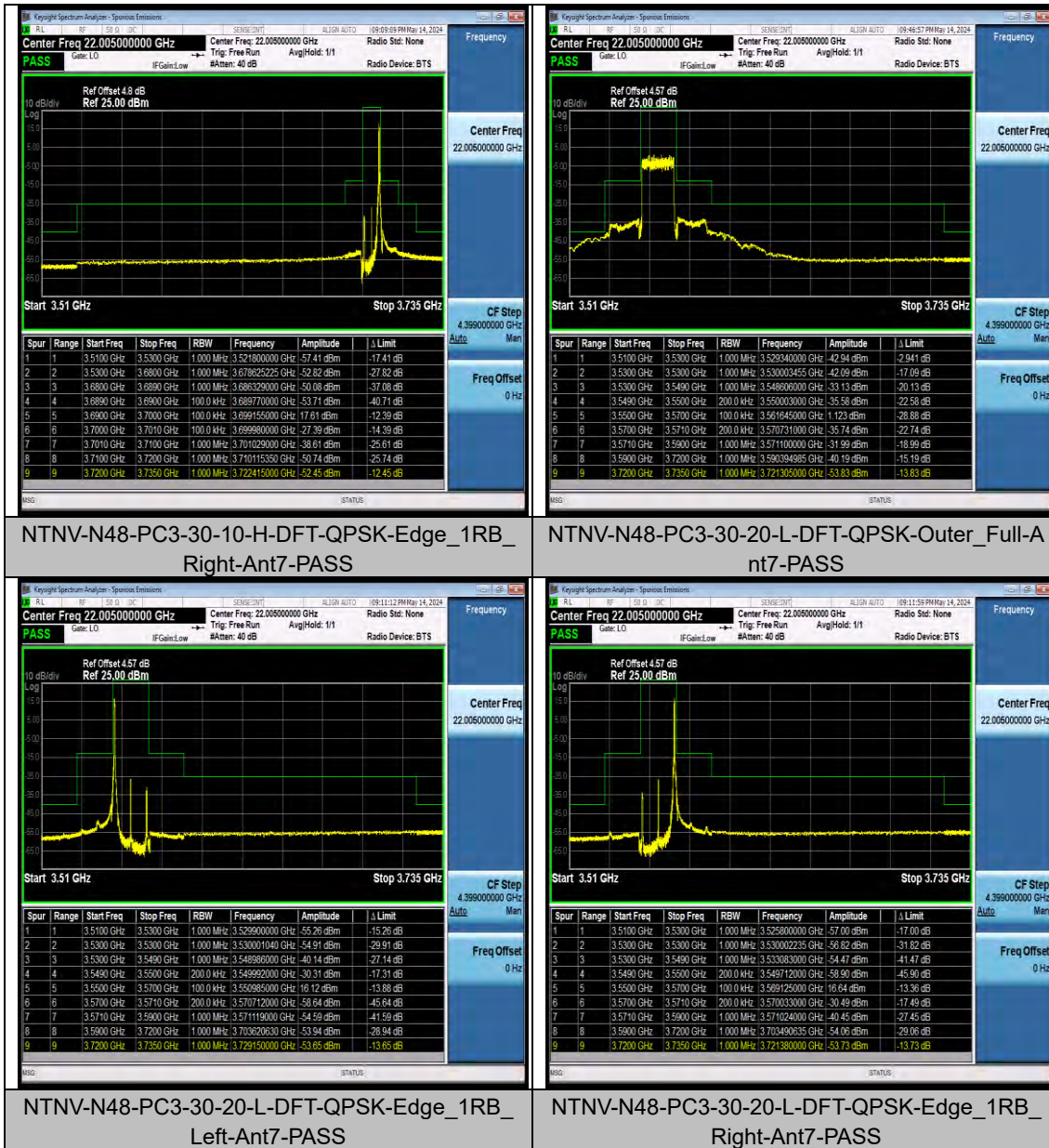
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VERITAS

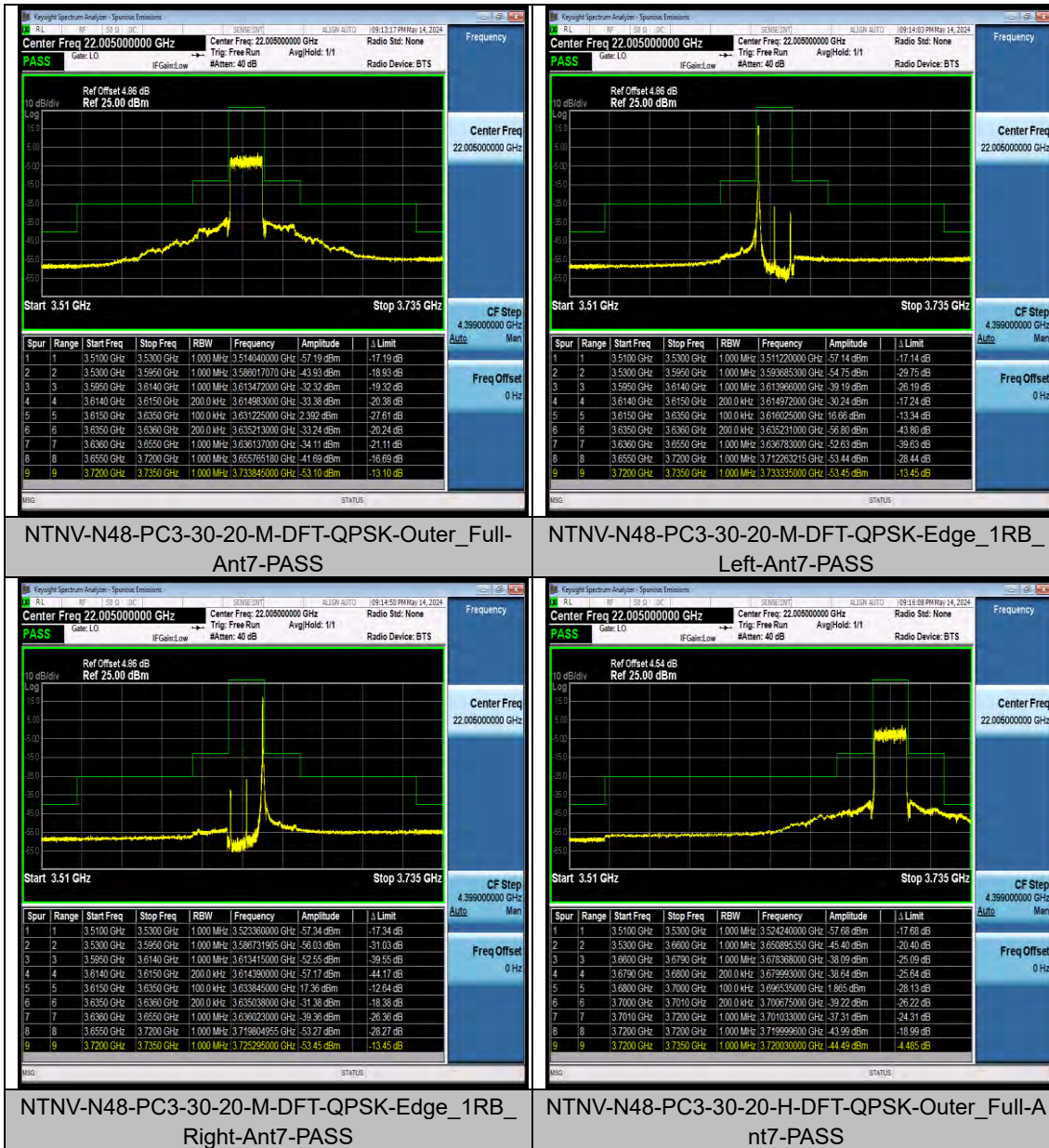
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VERITAS

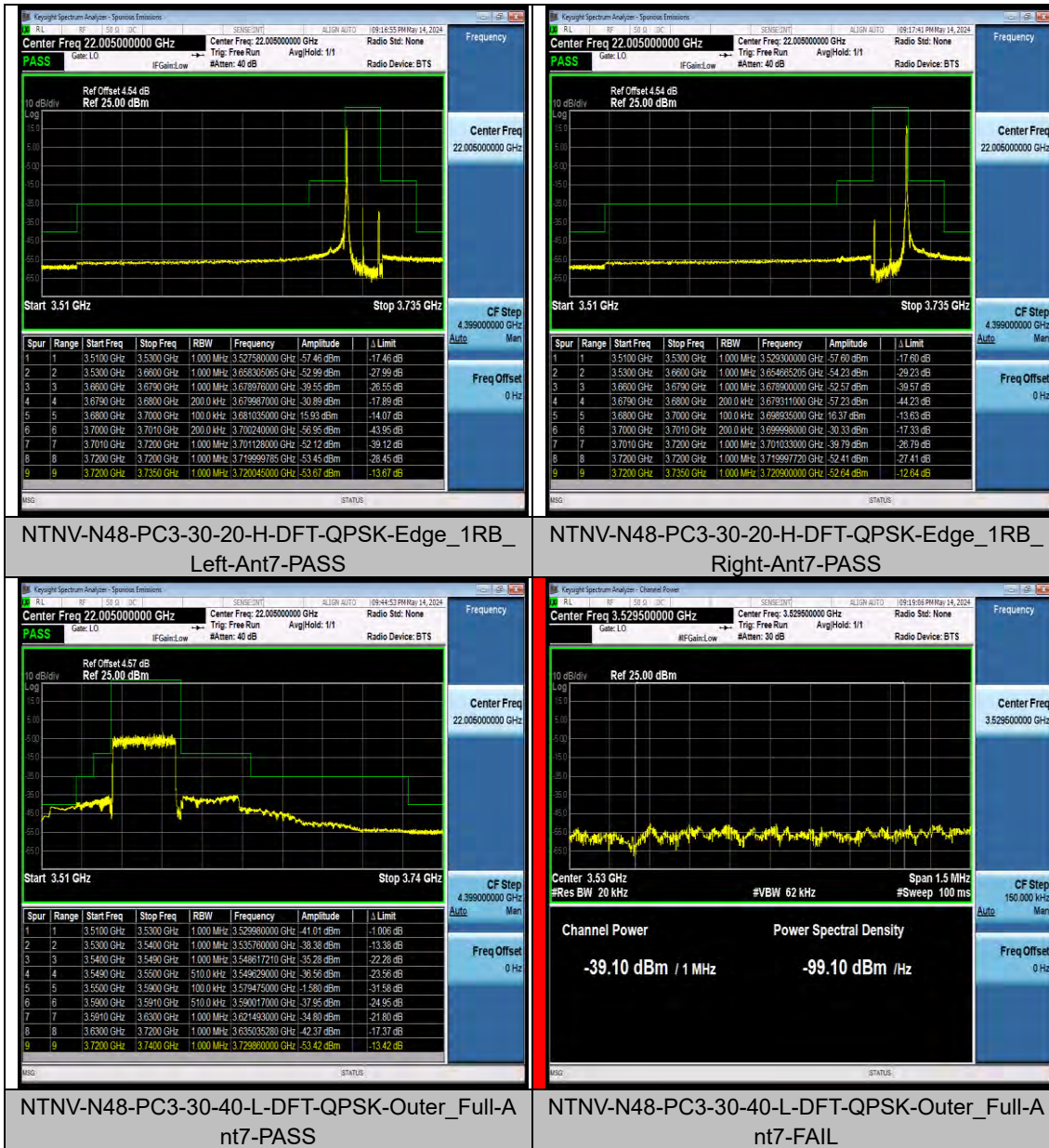
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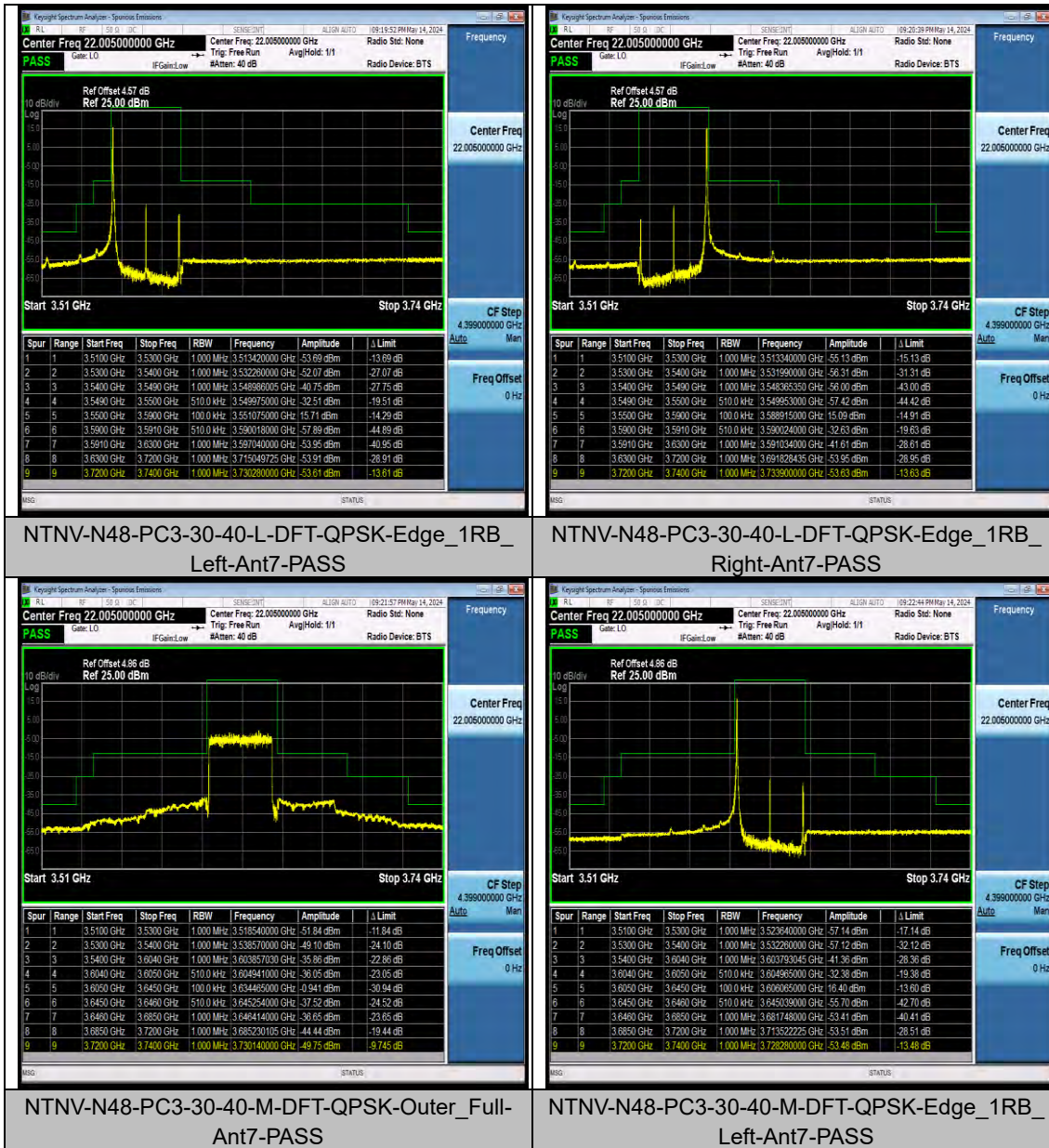
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VERITAS

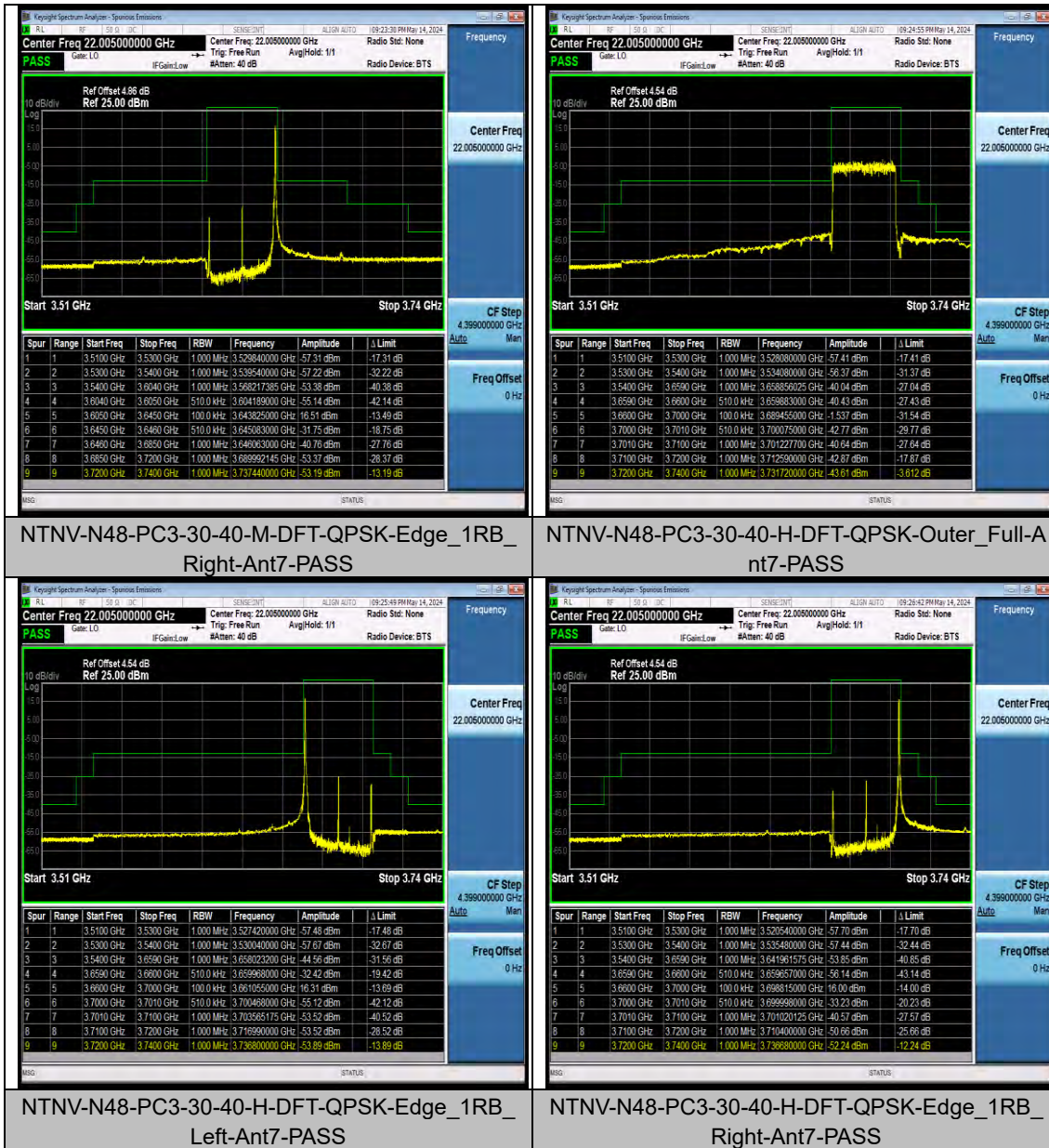
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VERITAS

Reference No.: W7L-P24030018RF12





Reference No.: W7L-P24030018RF12

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

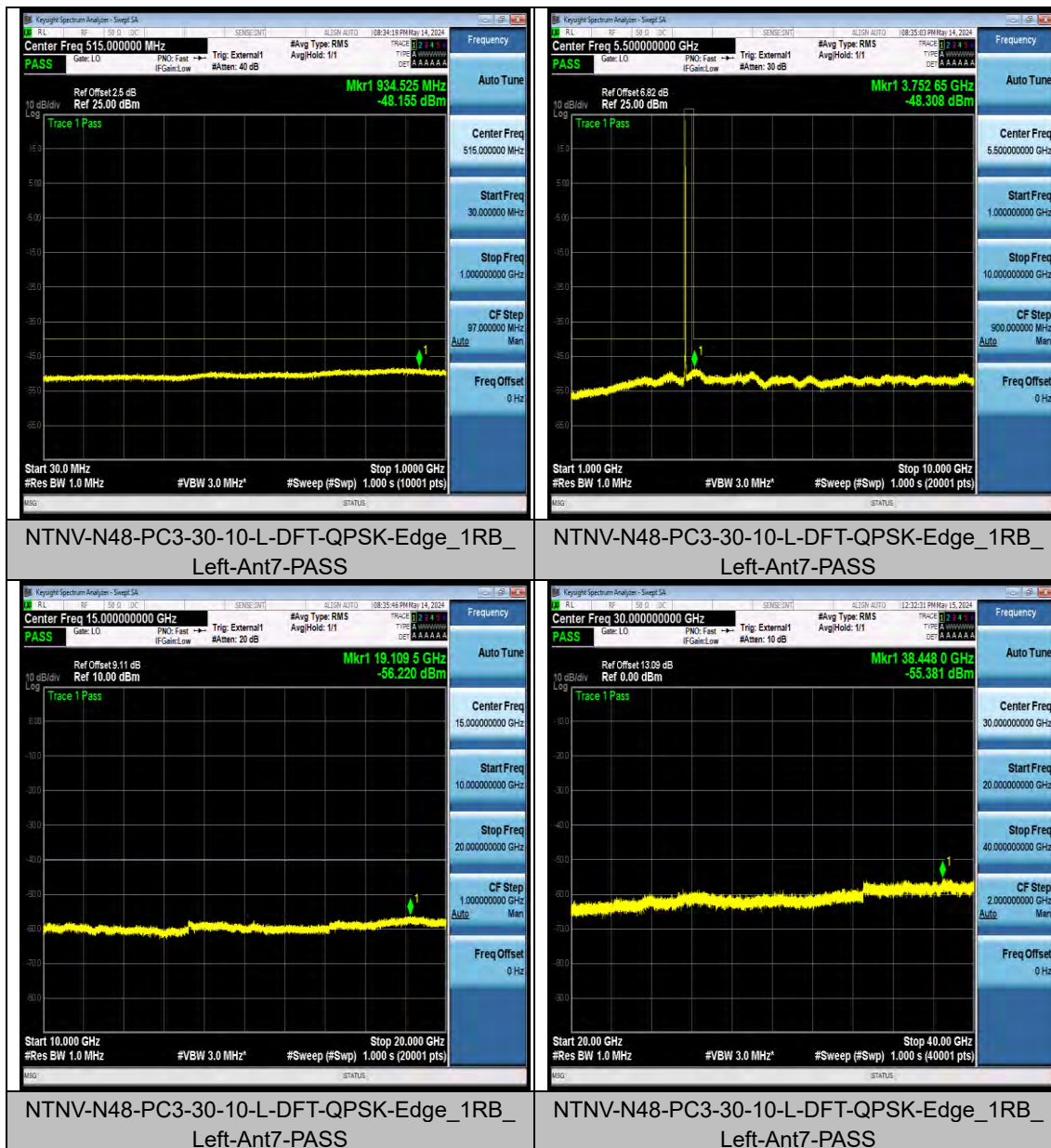
Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N48	30	10	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.16	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	1000	10000	-48.31	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	10000	20000	-56.22	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	20000	40000	-55.38	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-47.96	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	1000	10000	-47.43	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	10000	20000	-55.94	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	20000	40000	-55.13	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.05	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	1000	10000	-48.41	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.03	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	20000	40000	-55.18	-40	PASS
N48	30	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-47.93	-40	PASS
N48	30	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-48.36	-40	PASS
N48	30	20	DFT-QPSK	L	Edge 1RB Left	10000	20000	-56.03	-40	PASS
N48	30	20	DFT-QPSK	L	Edge 1RB Left	20000	40000	-55.30	-40	PASS
N48	30	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.19	-40	PASS
N48	30	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-48.52	-40	PASS
N48	30	20	DFT-QPSK	M	Edge 1RB Left	10000	20000	-55.99	-40	PASS
N48	30	20	DFT-QPSK	M	Edge 1RB Left	20000	40000	-55.16	-40	PASS
N48	30	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.09	-40	PASS
N48	30	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-48.32	-40	PASS
N48	30	20	DFT-QPSK	H	Edge 1RB Left	10000	20000	-55.78	-40	PASS
N48	30	20	DFT-QPSK	H	Edge 1RB Left	20000	40000	-54.75	-40	PASS
N48	30	40	DFT-QPSK	L	Edge 1RB Left	30	1000	-47.97	-40	PASS
N48	30	40	DFT-QPSK	L	Edge 1RB Left	1000	10000	-48.21	-40	PASS
N48	30	40	DFT-QPSK	L	Edge 1RB Left	10000	20000	-55.99	-40	PASS
N48	30	40	DFT-QPSK	L	Edge 1RB Left	20000	40000	-55.23	-40	PASS
N48	30	40	DFT-QPSK	M	Edge 1RB Left	30	1000	-47.98	-40	PASS
N48	30	40	DFT-QPSK	M	Edge 1RB Left	1000	10000	-48.34	-40	PASS
N48	30	40	DFT-QPSK	M	Edge 1RB Left	10000	20000	-56.03	-40	PASS
N48	30	40	DFT-QPSK	M	Edge 1RB Left	20000	40000	-54.78	-40	PASS
N48	30	40	DFT-QPSK	H	Edge 1RB Left	30	1000	-47.89	-40	PASS
N48	30	40	DFT-QPSK	H	Edge 1RB Left	1000	10000	-48.08	-40	PASS
N48	30	40	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.16	-40	PASS
N48	30	40	DFT-QPSK	H	Edge 1RB Left	20000	40000	-55.10	-40	PASS



BUREAU
VERITAS

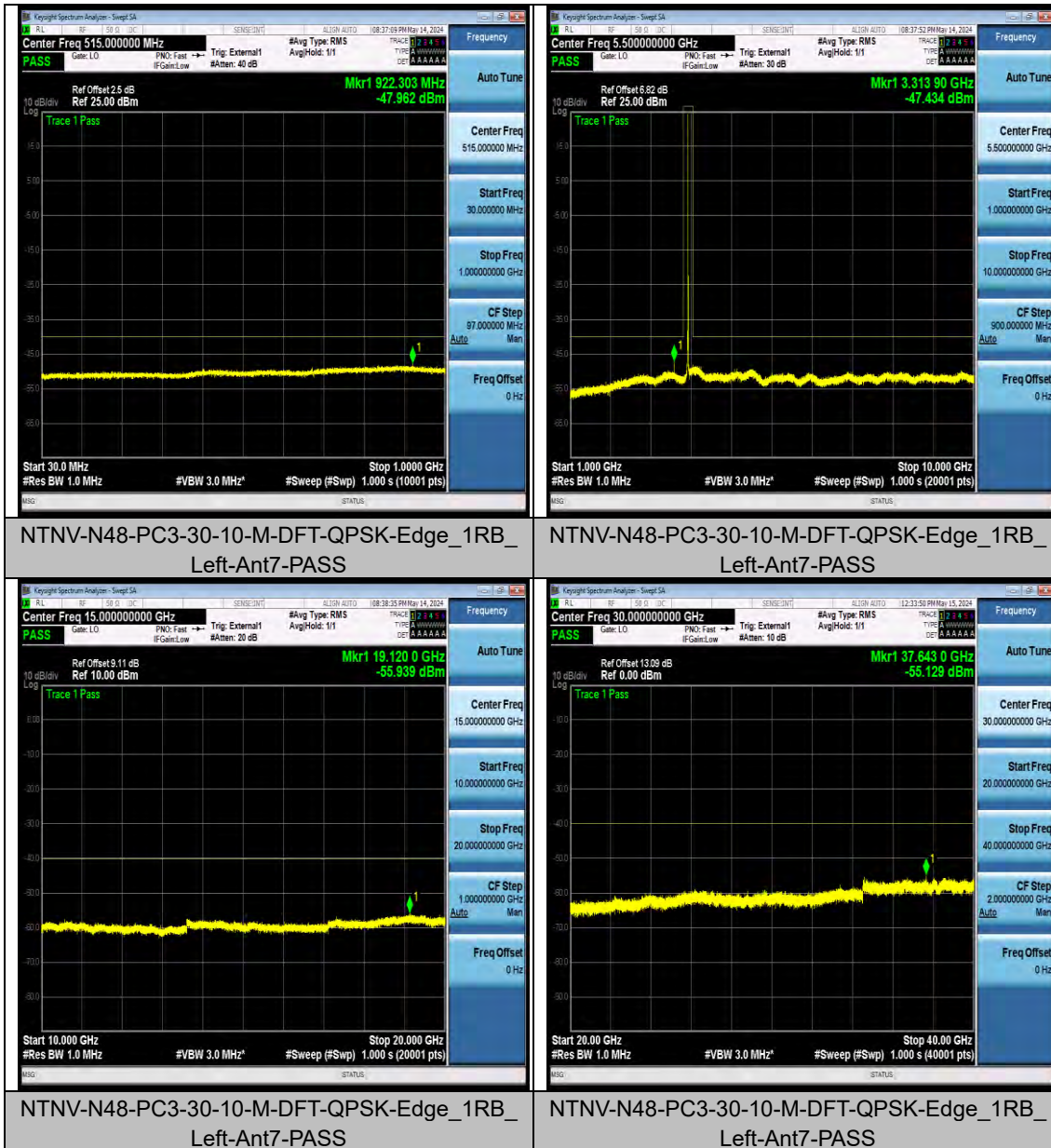
Reference No.: W7L-P24030018RF12

TEST GRAPHS



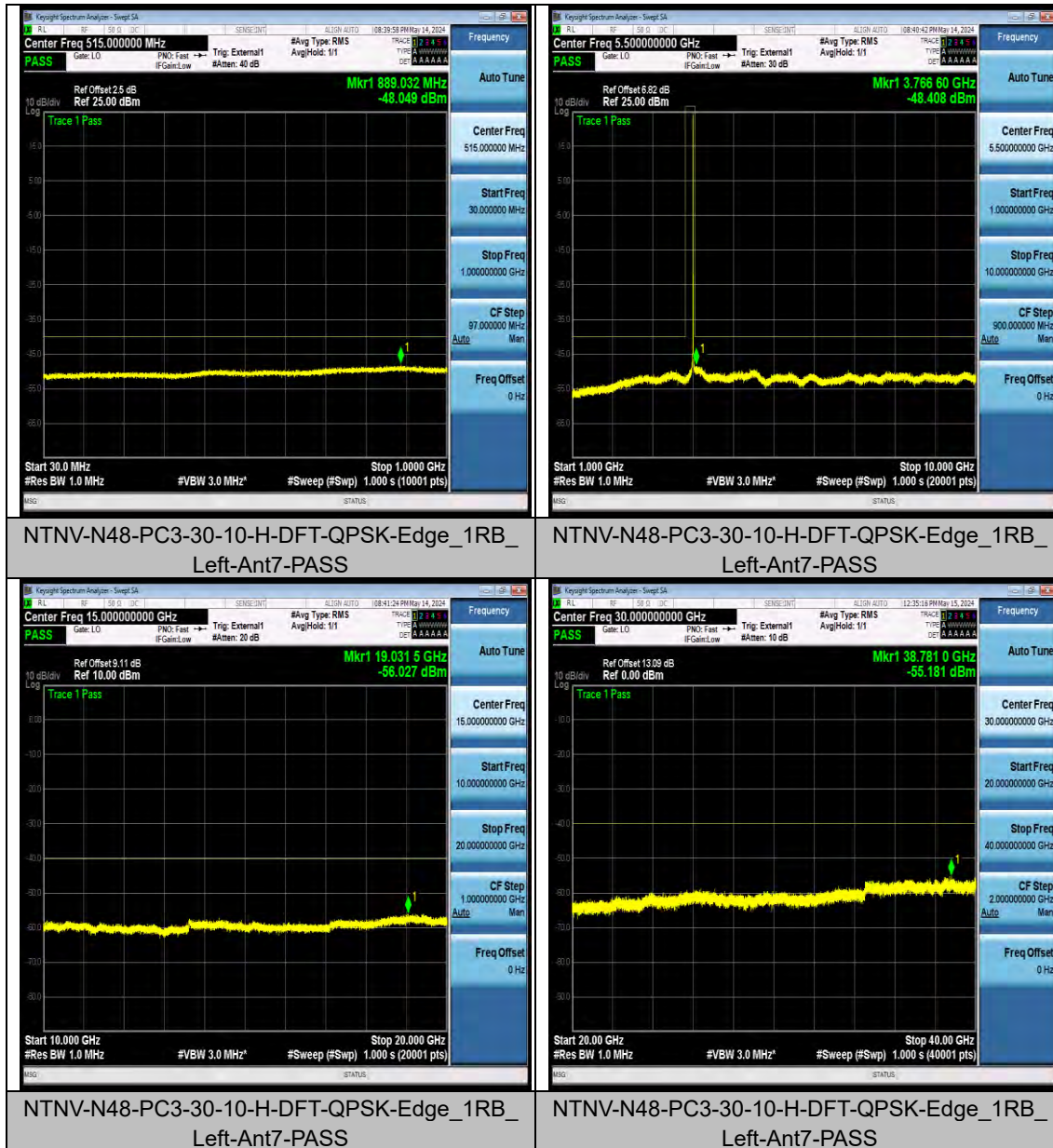


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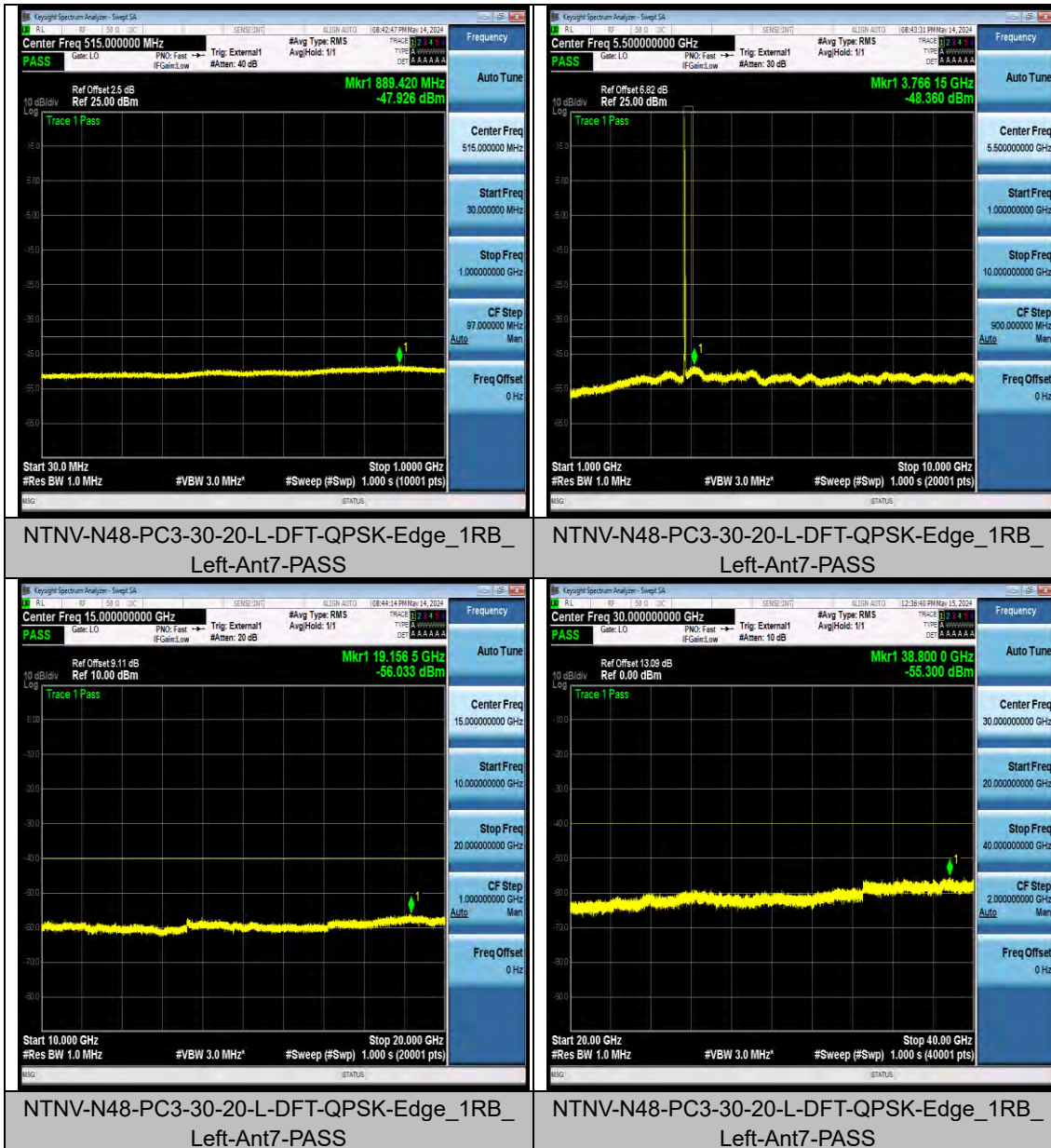
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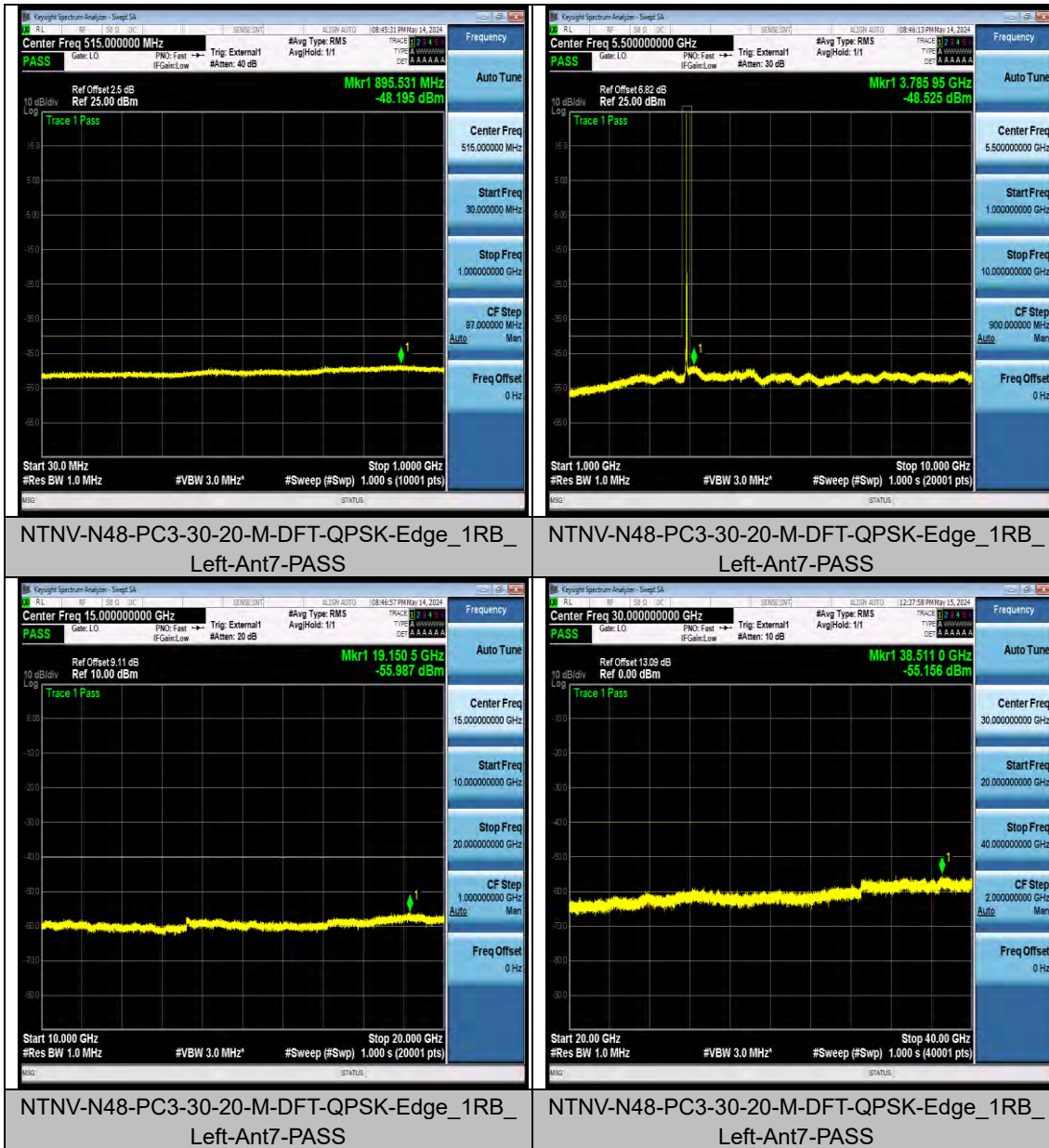
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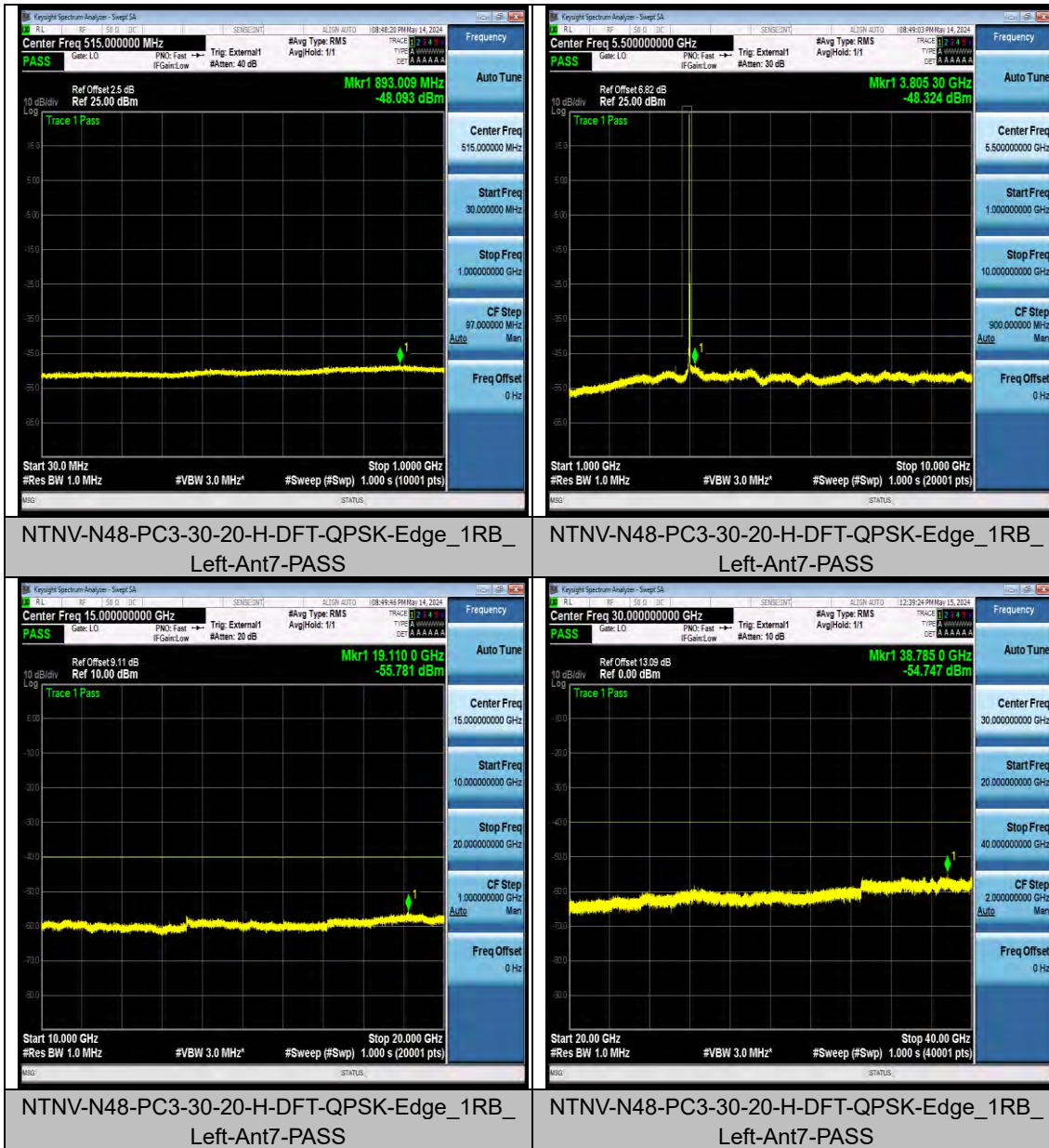
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VERITAS

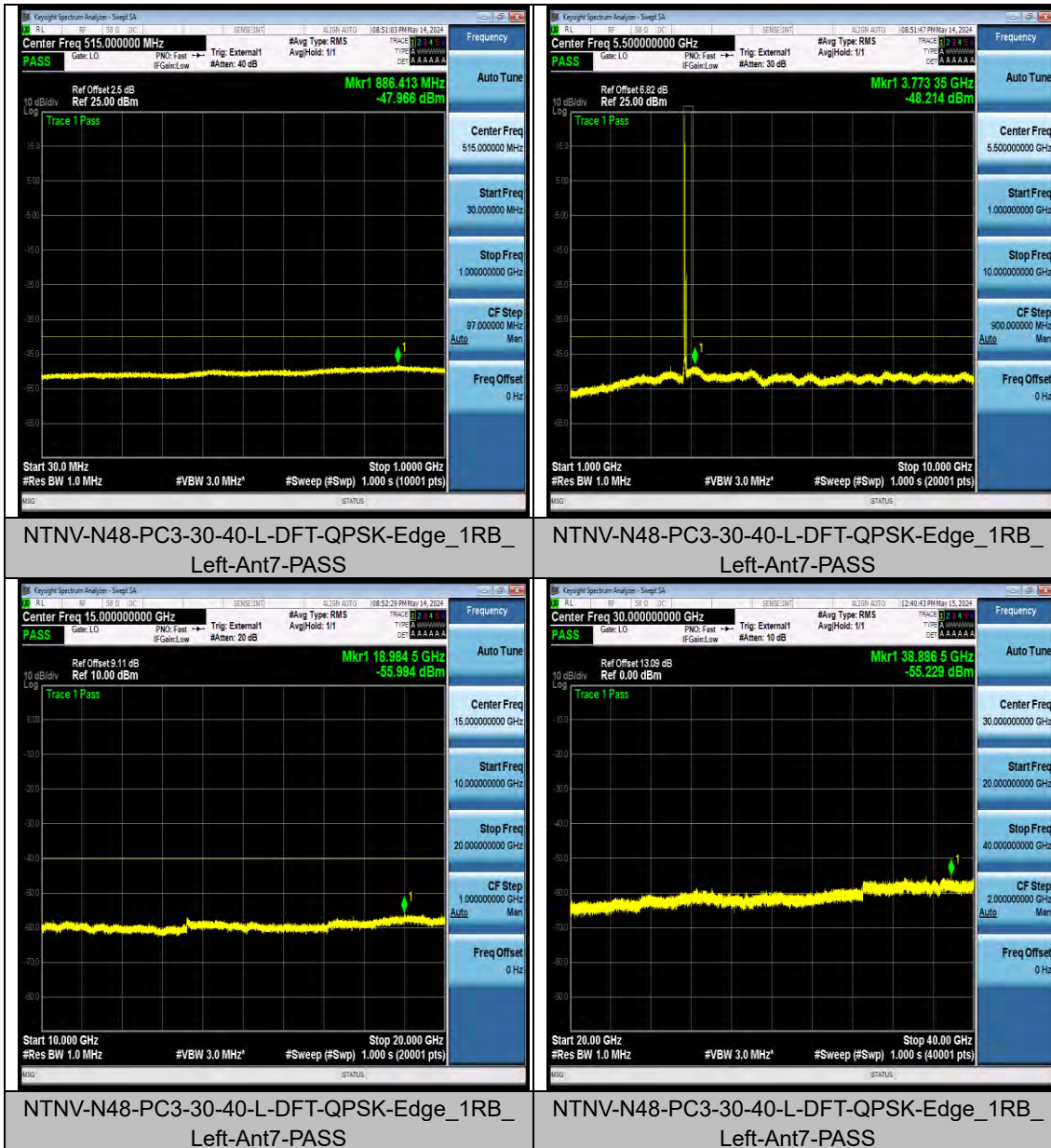
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VERITAS

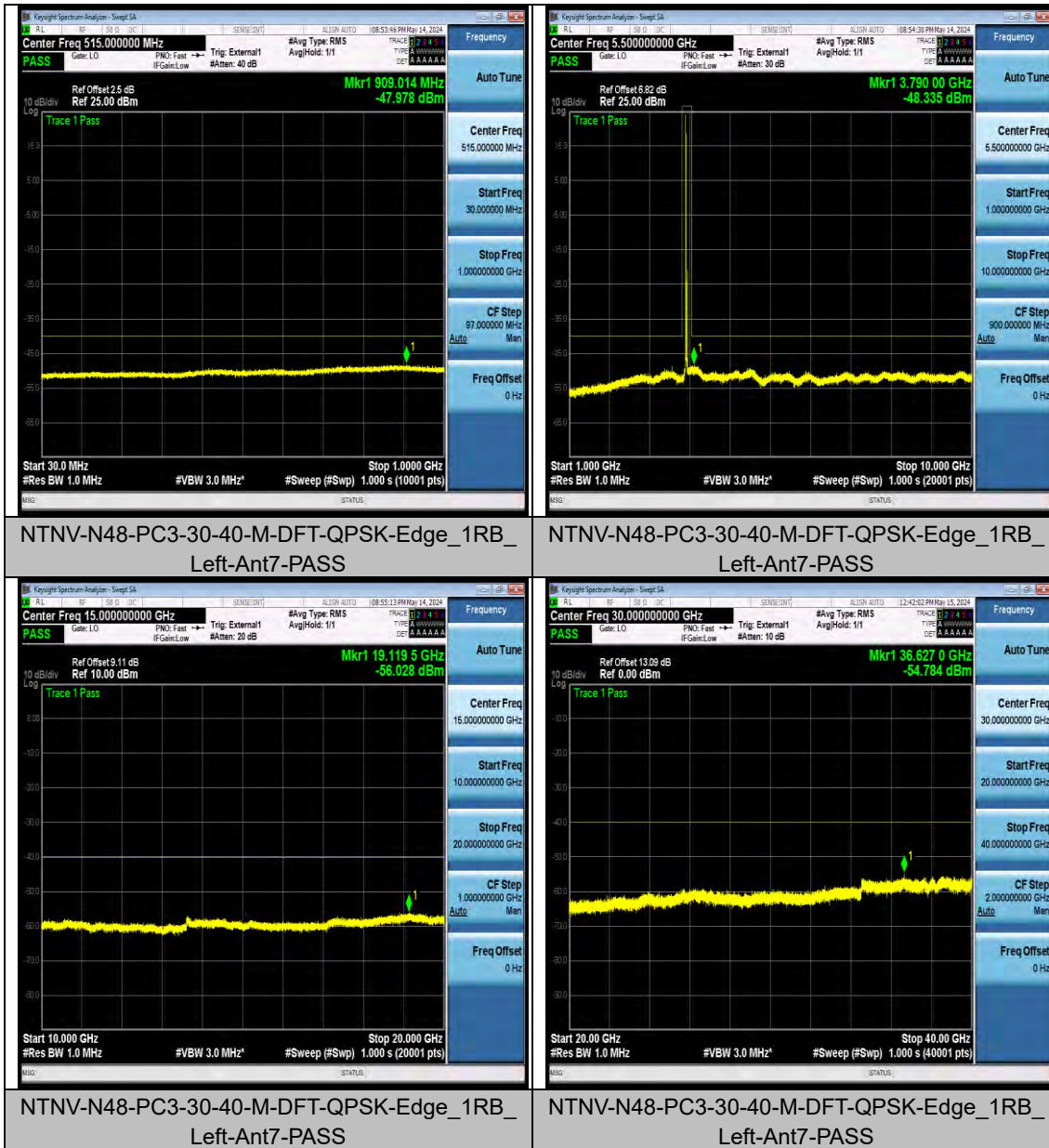
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VERITAS

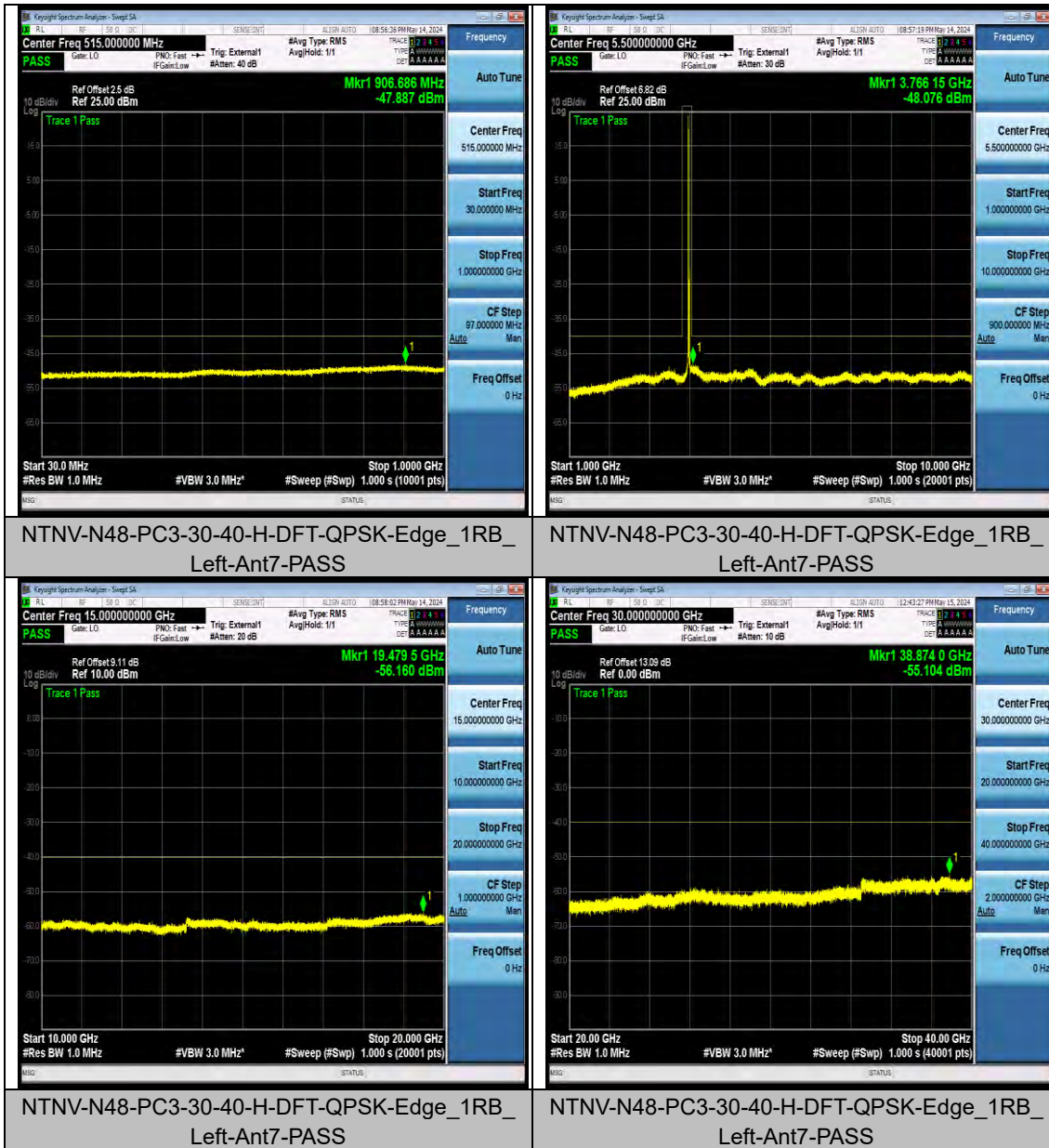
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BUREAU
VERITAS

Reference No.: W7L-P24030018RF12





Reference No.: W7L-P24030018RF12

FREQUENCY STABILITY FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N48	30	20	DFT-QPSK	L	Outer_Fu II	VL	NT	17.00	0.004775	3550.2810	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	VN	NT	12.00	0.003371	3550.5315	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	VH	NT	6.00	0.001685	3550.3589	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	-30	7.00	0.001965	3550.4665	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	-20	18.00	0.005056	3550.1607	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	-10	7.00	0.001965	3550.4849	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	0	18.00	0.005056	3550.2783	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	10	9.00	0.002528	3550.3228	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	20	1.00	0.000281	3550.3080	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	30	12.00	0.003371	3550.4989	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	40	3.00	0.000843	3550.4063	---	3550-3700	PASS
N48	30	20	DFT-QPSK	L	Outer_Fu II	NV	50	14.00	0.003933	3550.2518	---	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	VL	NT	6.00	0.001626	---	3694.6629	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	VN	NT	4.00	0.001084	---	3694.6316	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	VH	NT	14.00	0.003794	---	3694.6410	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	NV	-30	13.00	0.003523	---	3694.6556	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	NV	-20	4.00	0.001084	---	3694.7485	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	NV	-10	5.00	0.001355	---	3694.6773	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	NV	0	1.00	0.000271	---	3694.6764	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	NV	10	12.00	0.003252	---	3694.7476	3550-3700	PASS
N48	30	20	DFT-QPSK	H	Outer_Fu II	NV	20	4.00	0.001084	---	3694.7472	3550-3700	PASS



Reference No.: W7L-P24030018RF12

N48	30	20	DFT-QP SK	H	Outer_Fu II	NV	30	14.00	0.003794	---	3694.68 83	3550- 3700	PASS
N48	30	20	DFT-QP SK	H	Outer_Fu II	NV	40	18.00	0.004878	---	3694.71 83	3550- 3700	PASS
N48	30	20	DFT-QP SK	H	Outer_Fu II	NV	50	6.00	0.001626	---	3694.63 24	3550- 3700	PASS

--END--