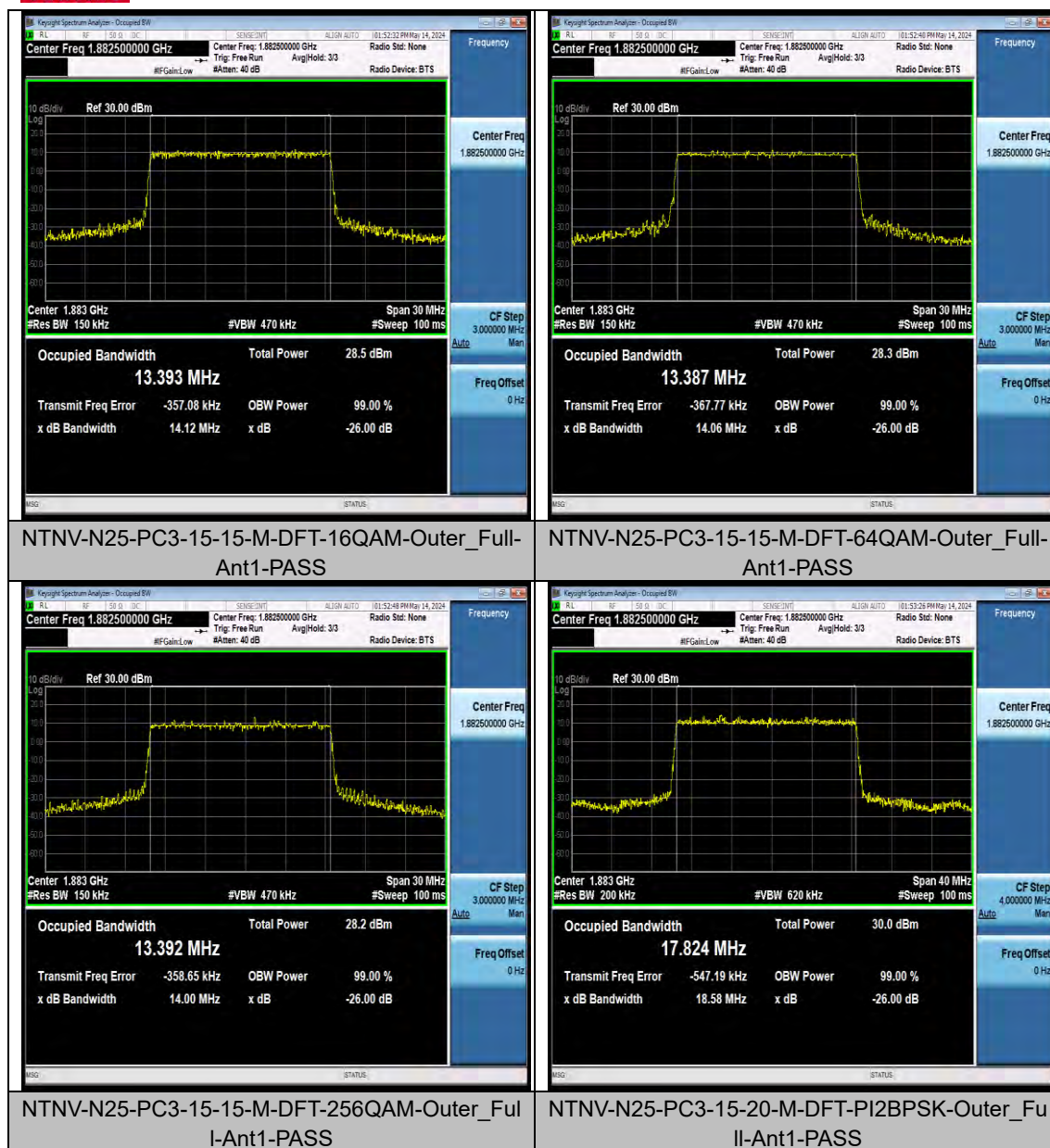


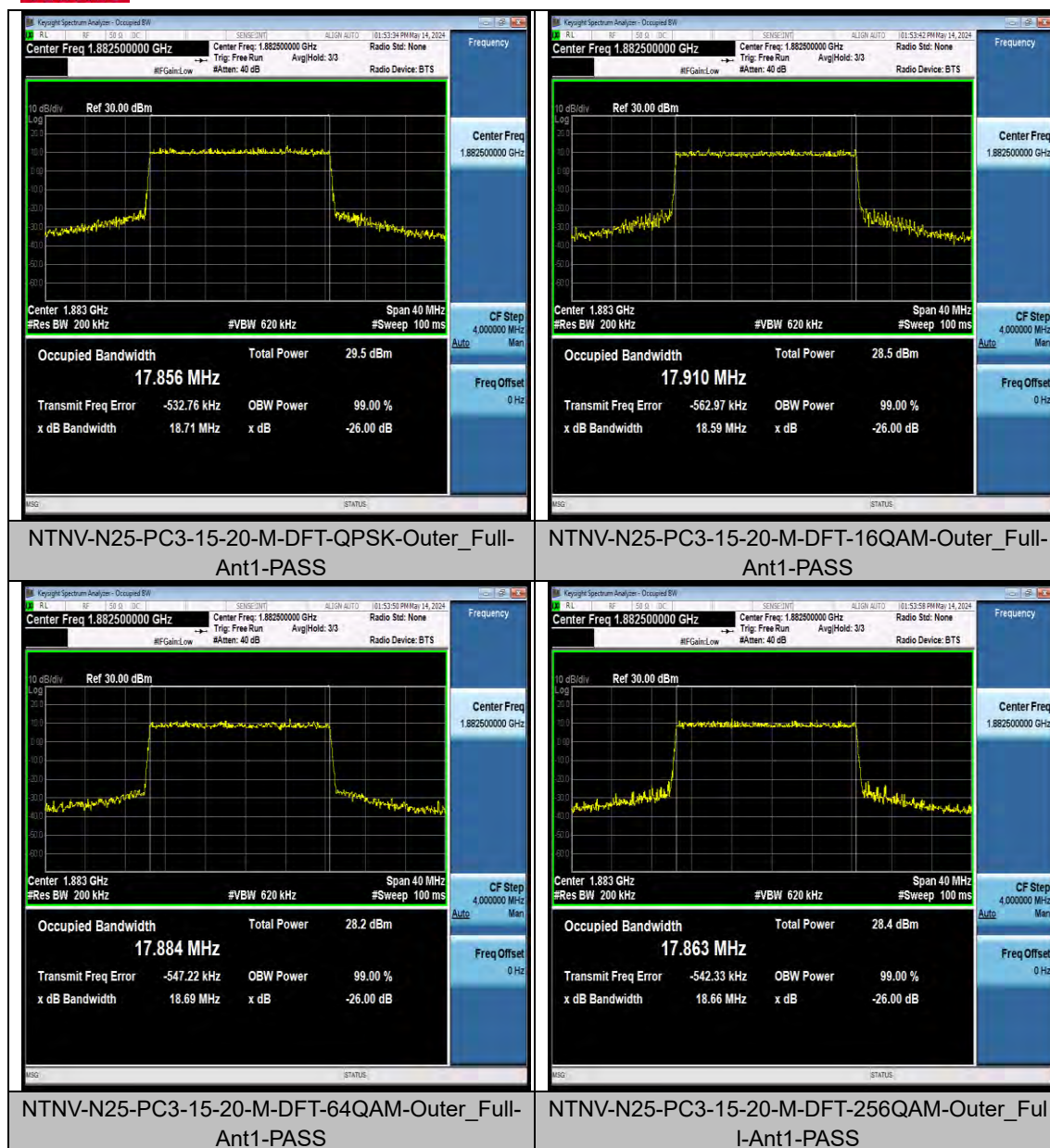


Reference No.: W7L-P24090003RF08





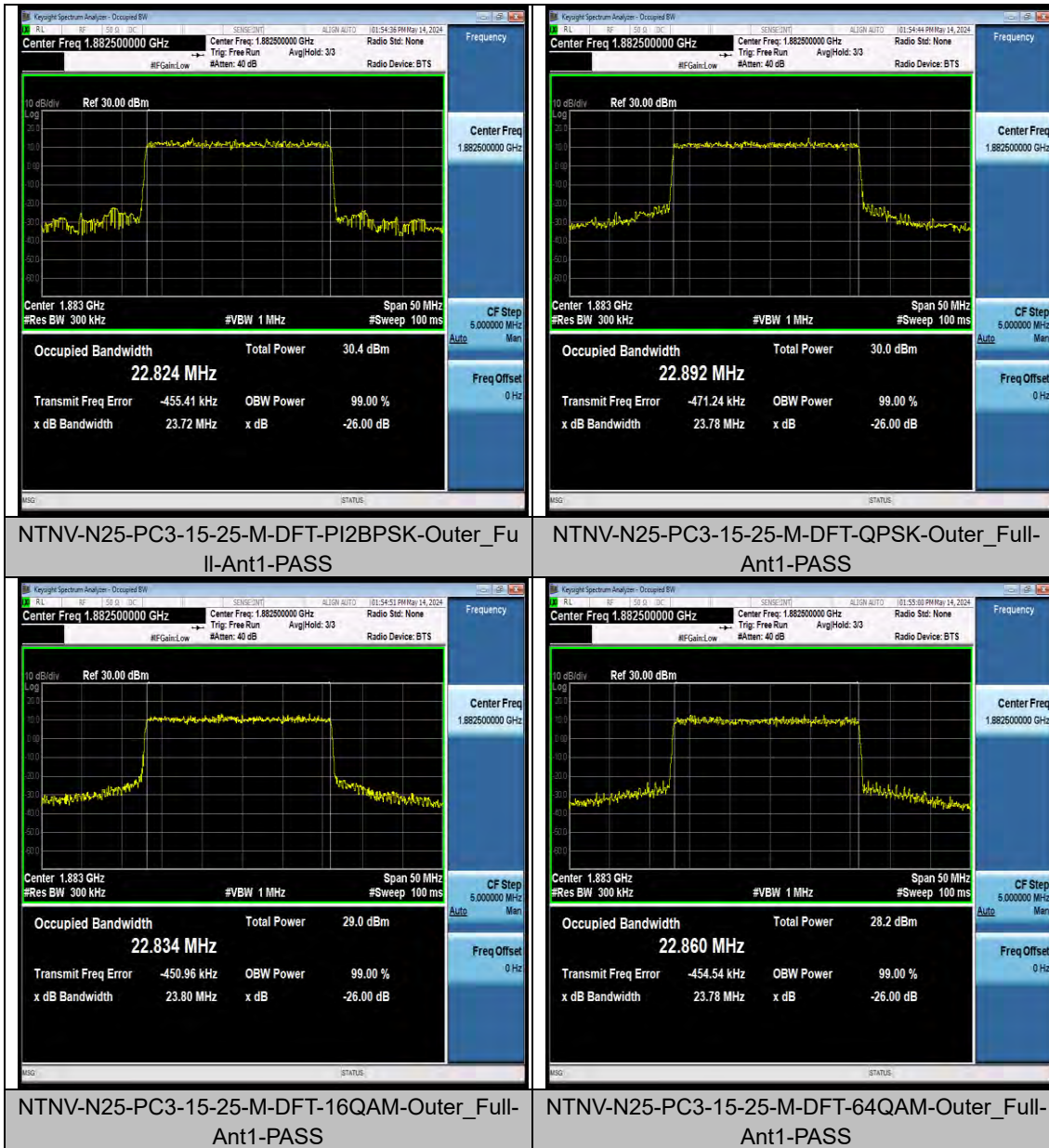
Reference No.: W7L-P24090003RF08





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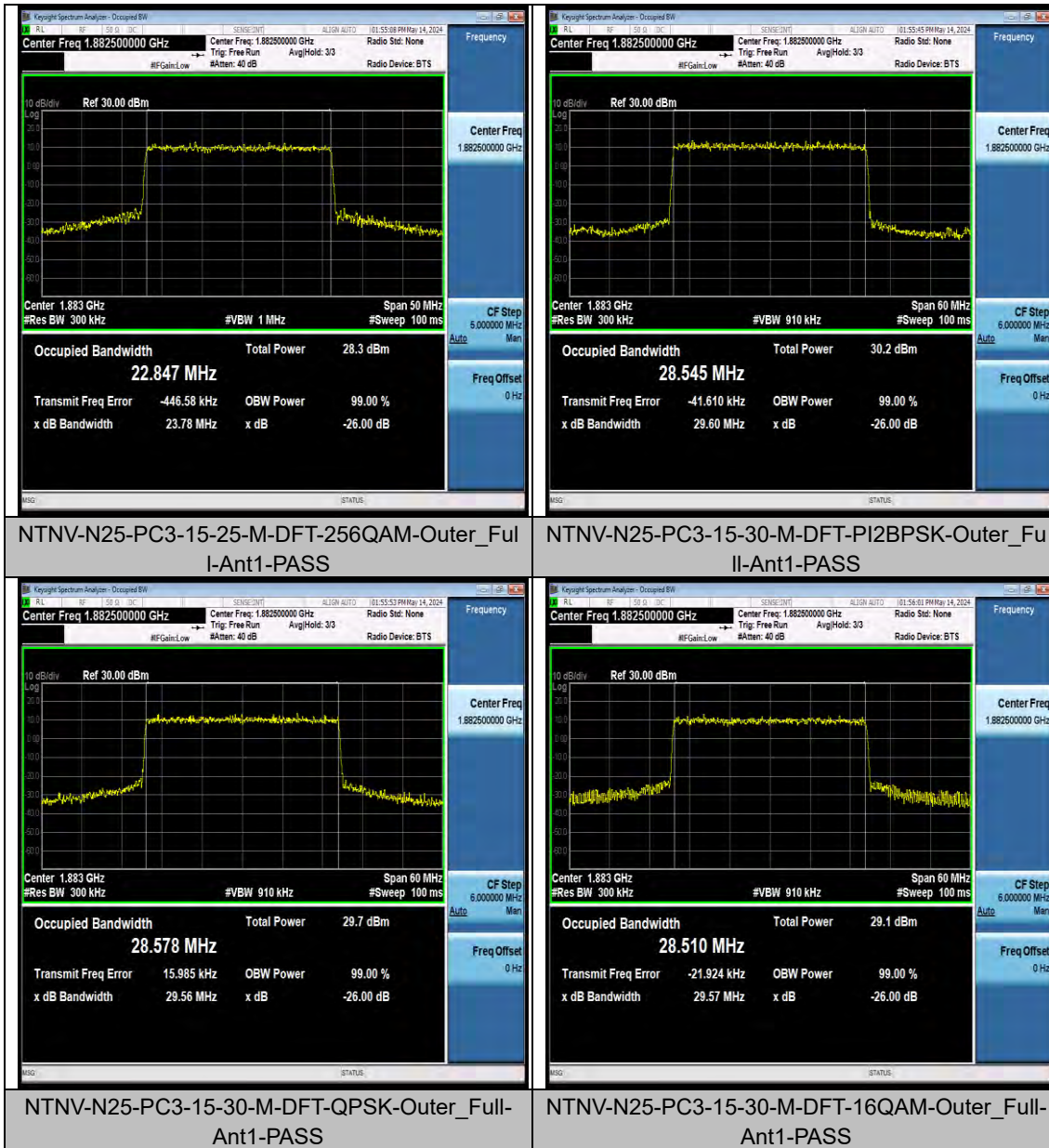
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VERITAS

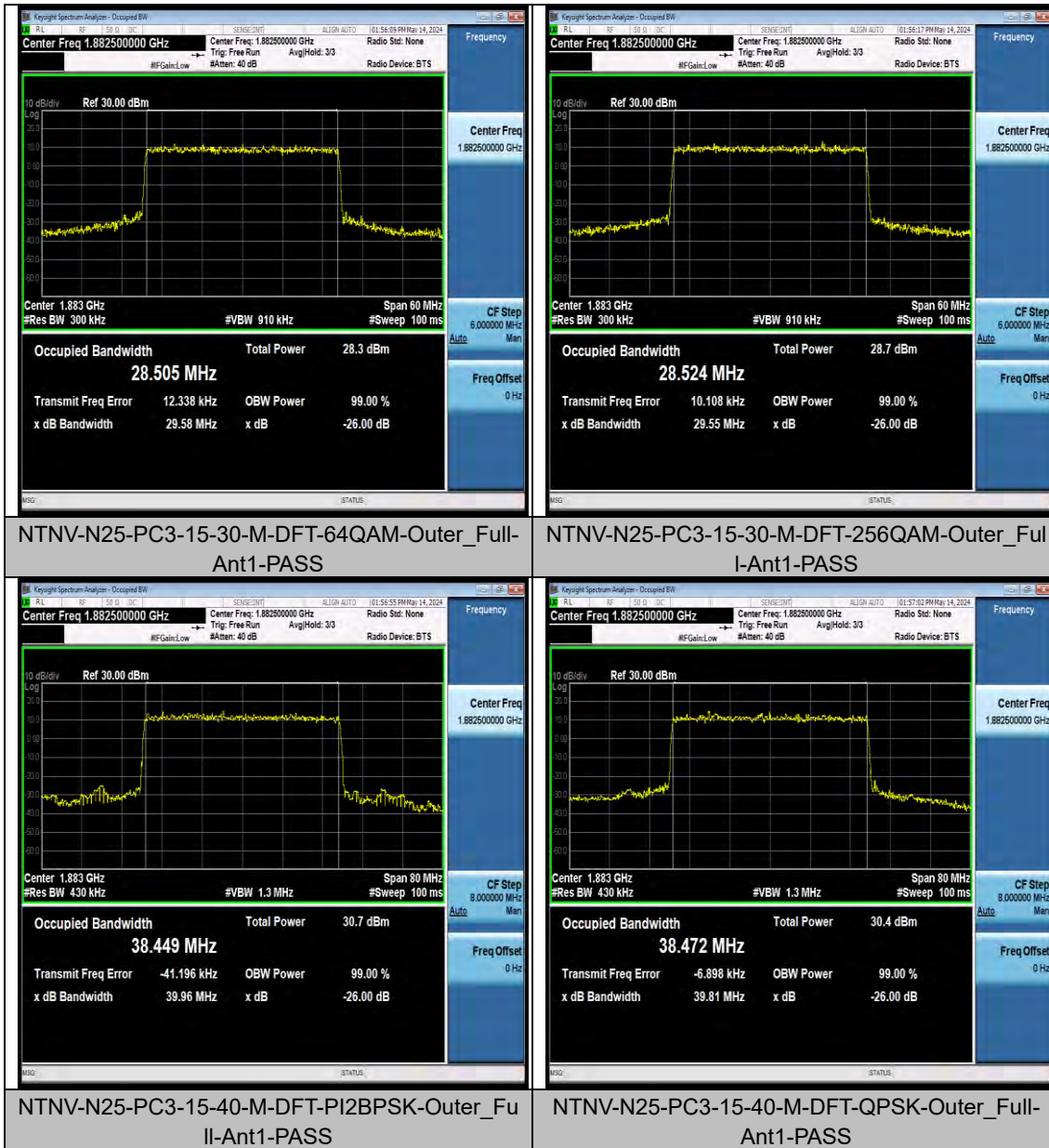
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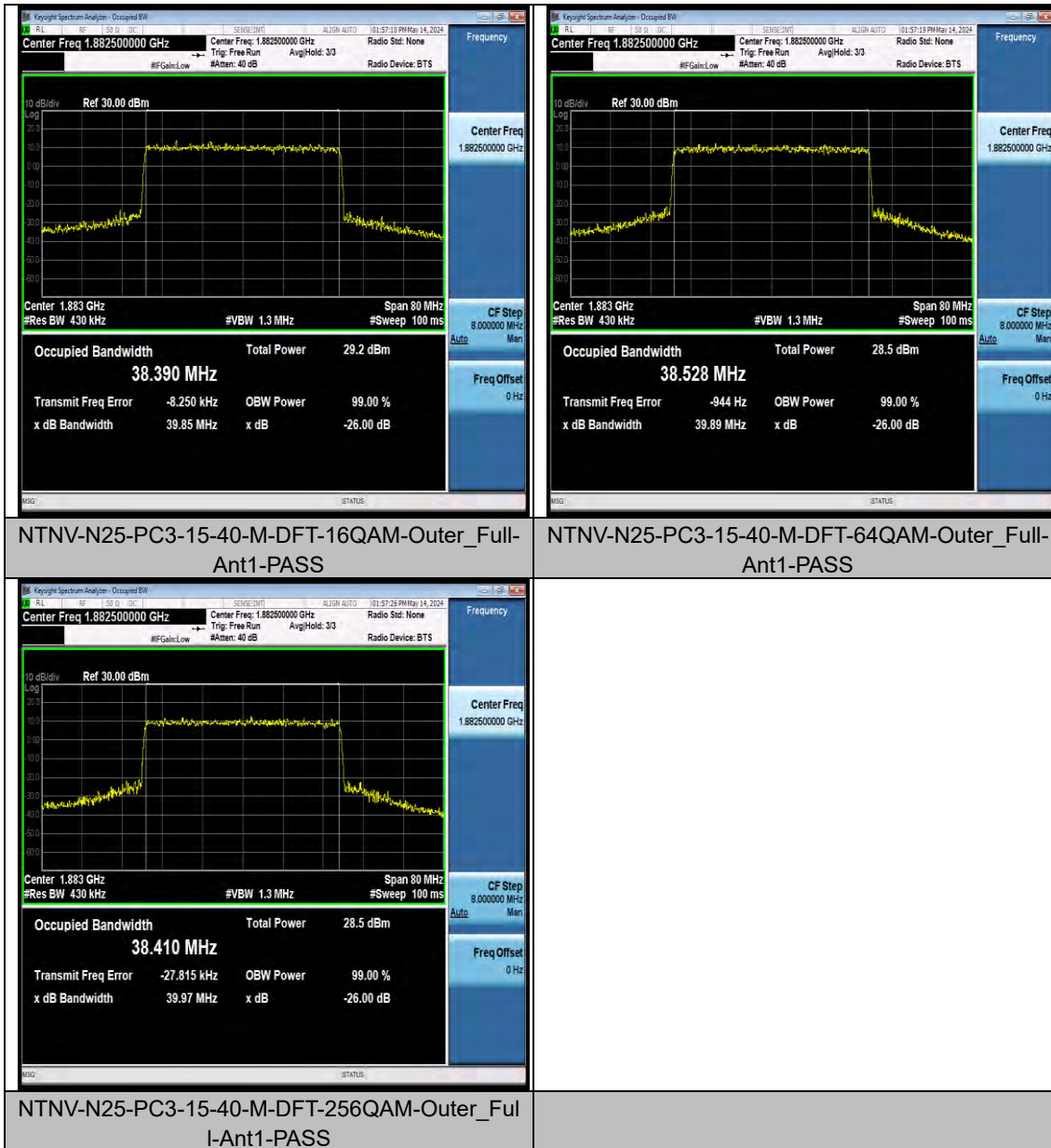
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VERITAS

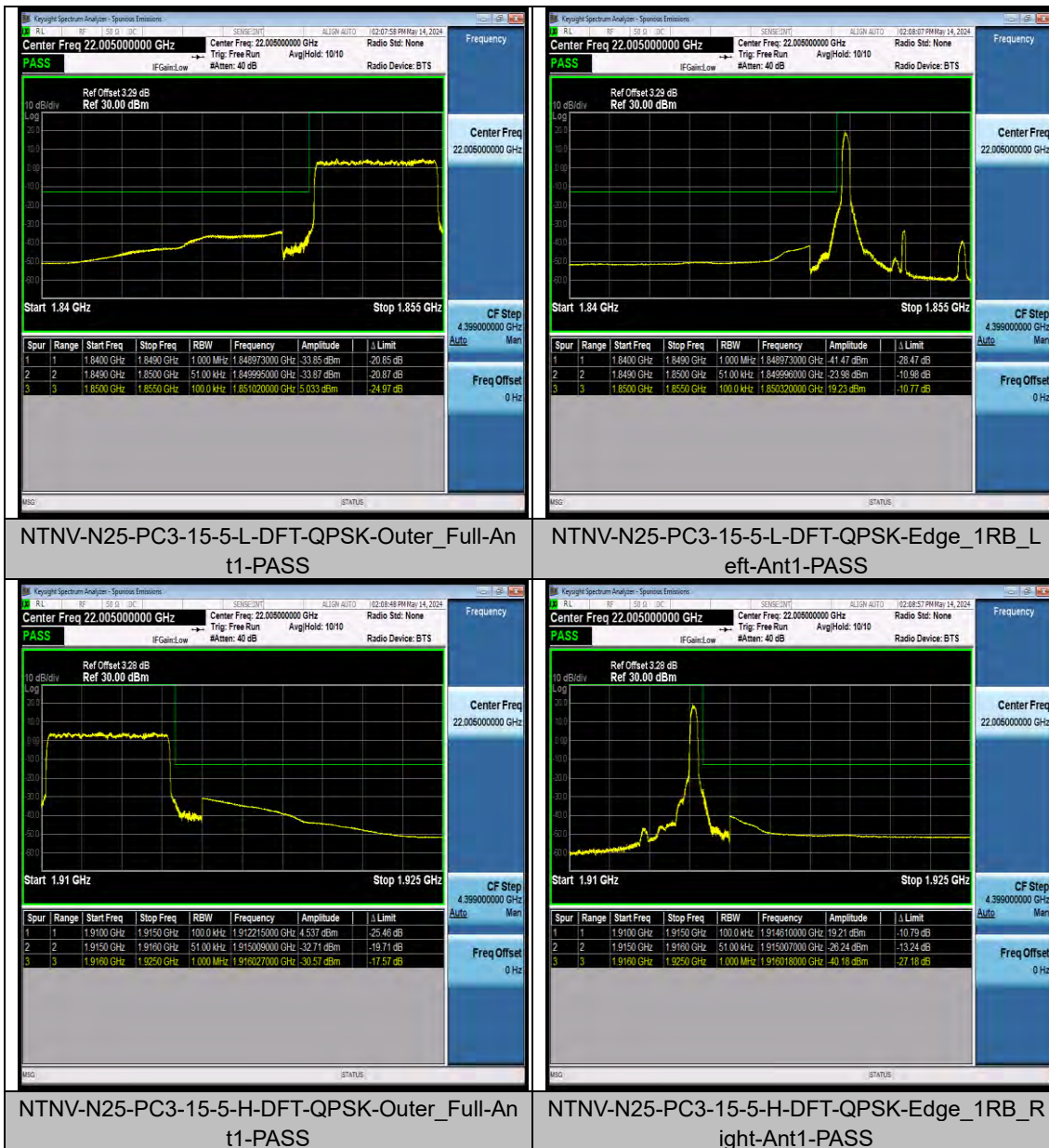
Reference No.: W7L-P24090003RF08



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	-33.85	PASS
N25	15	5	DFT-QPSK	L	Edge_1RB_Left	-23.98	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	-30.57	PASS
N25	15	5	DFT-QPSK	H	Edge_1RB_Right	-26.24	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	-35.07	PASS
N25	15	20	DFT-QPSK	L	Edge_1RB_Left	-37.43	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	-34.69	PASS
N25	15	20	DFT-QPSK	H	Edge_1RB_Right	-37.43	PASS
N25	15	40	DFT-QPSK	L	Outer_Full	-33.16	PASS
N25	15	40	DFT-QPSK	L	Edge_1RB_Left	-37.73	PASS
N25	15	40	DFT-QPSK	H	Outer_Full	-35.09	PASS
N25	15	40	DFT-QPSK	H	Edge_1RB_Right	-37.99	PASS

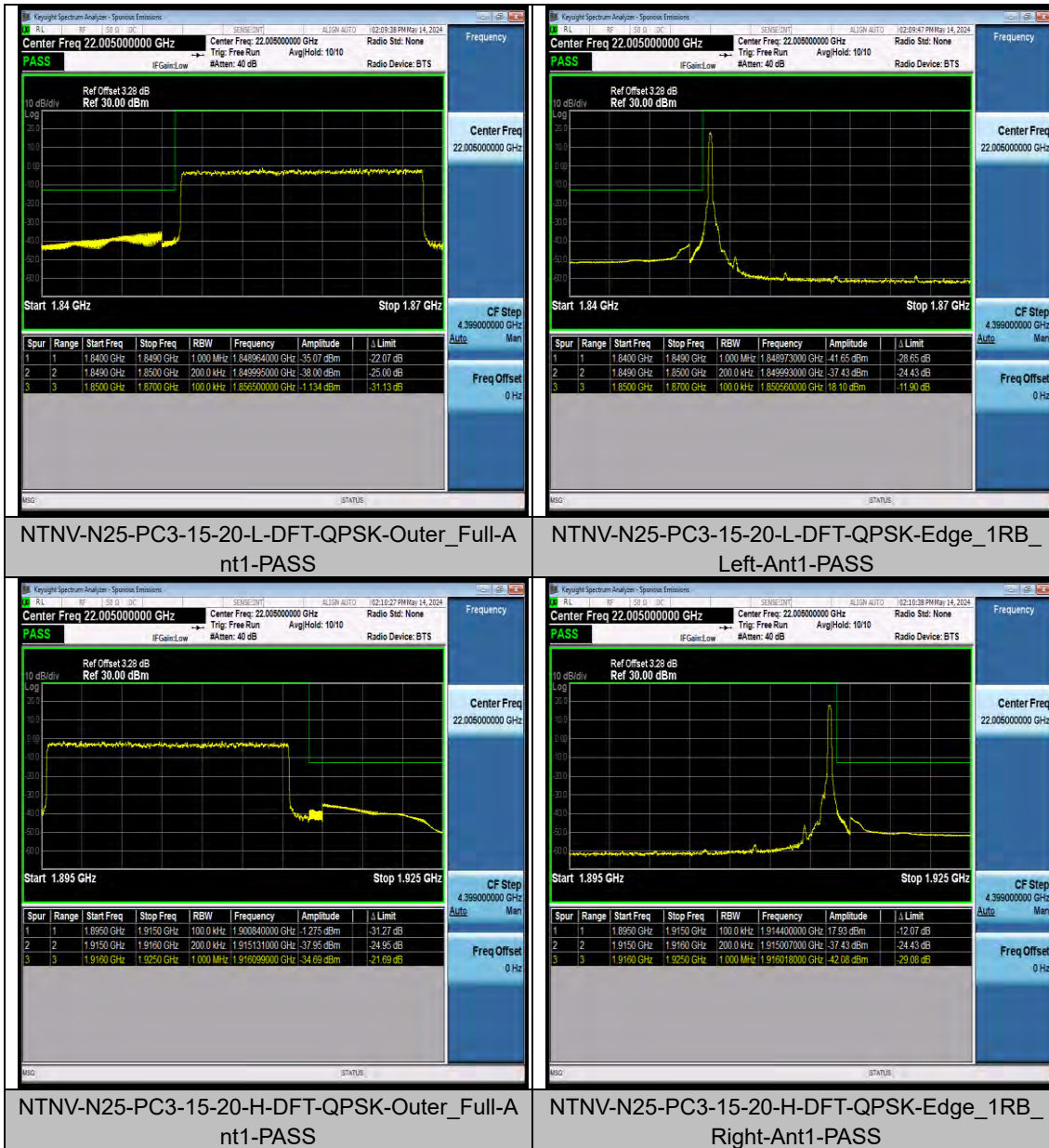
TEST GRAPHS





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VERITAS

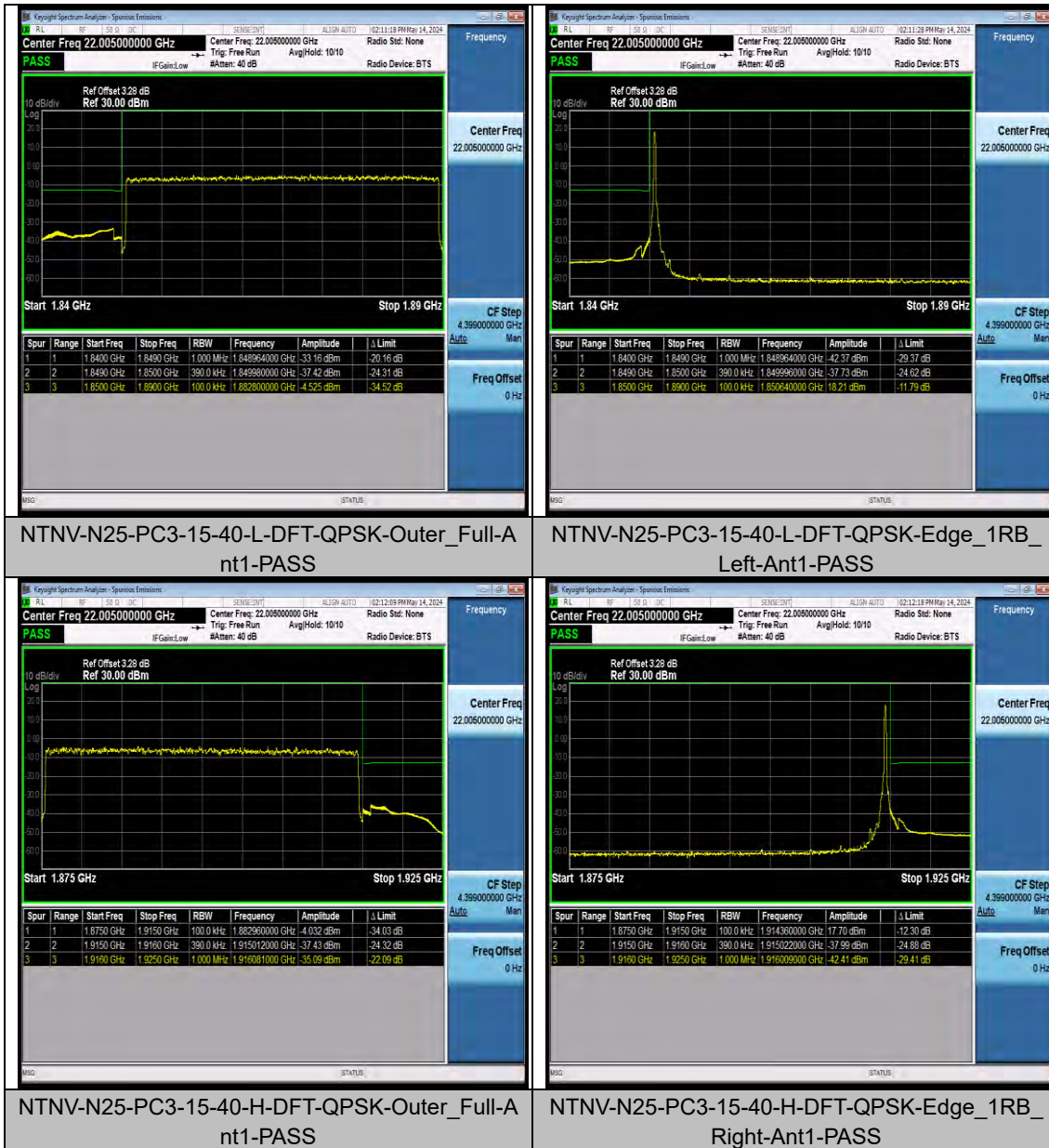
Reference No.: W7L-P24090003RF08





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VERITAS

Reference No.: W7L-P24090003RF08



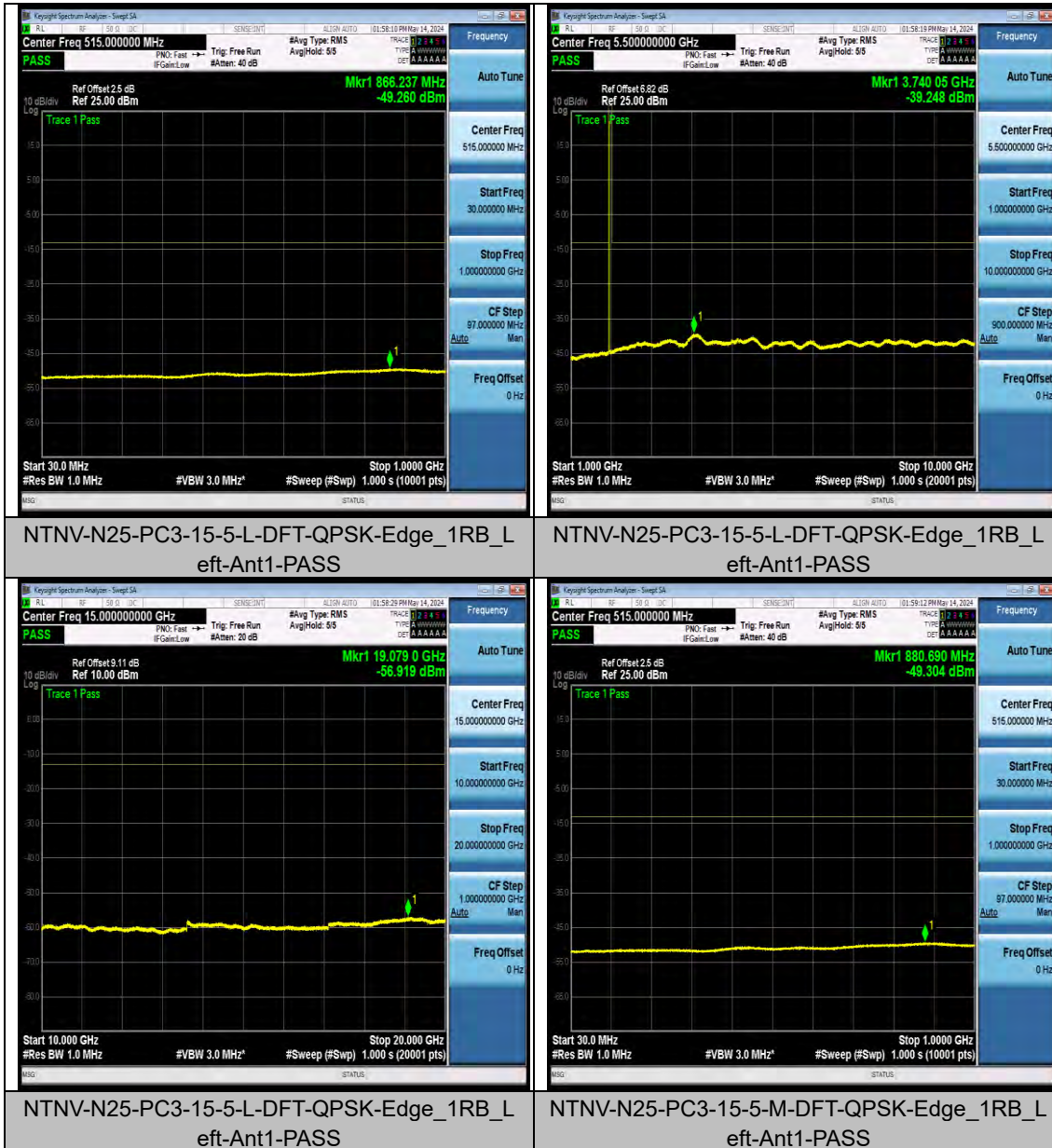


Reference No.: W7L-P24090003RF08

CONDUCTED SPURIOUS EMISSION FOR SA 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	-49.26	-13	PASS
N25	15	5	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.25	-13	PASS
N25	15	5	DFT-QPSK	L	Edge 1RB Left	10000	20000	-56.92	-13	PASS
N25	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-49.30	-13	PASS
N25	15	5	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.18	-13	PASS
N25	15	5	DFT-QPSK	M	Edge 1RB Left	10000	20000	-56.77	-13	PASS
N25	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-49.22	-13	PASS
N25	15	5	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.18	-13	PASS
N25	15	5	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.90	-13	PASS
N25	15	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-49.21	-13	PASS
N25	15	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.29	-13	PASS
N25	15	20	DFT-QPSK	L	Edge 1RB Left	10000	20000	-56.89	-13	PASS
N25	15	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-49.28	-13	PASS
N25	15	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.20	-13	PASS
N25	15	20	DFT-QPSK	M	Edge 1RB Left	10000	20000	-57.03	-13	PASS
N25	15	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-49.34	-13	PASS
N25	15	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.22	-13	PASS
N25	15	20	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.86	-13	PASS
N25	15	40	DFT-QPSK	L	Edge 1RB Left	30	1000	-49.22	-13	PASS
N25	15	40	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.27	-13	PASS
N25	15	40	DFT-QPSK	L	Edge 1RB Left	10000	20000	-56.67	-13	PASS
N25	15	40	DFT-QPSK	M	Edge 1RB Left	30	1000	-49.23	-13	PASS
N25	15	40	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.05	-13	PASS
N25	15	40	DFT-QPSK	M	Edge 1RB Left	10000	20000	-56.95	-13	PASS
N25	15	40	DFT-QPSK	H	Edge 1RB Left	30	1000	-49.11	-13	PASS
N25	15	40	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.25	-13	PASS
N25	15	40	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.75	-13	PASS

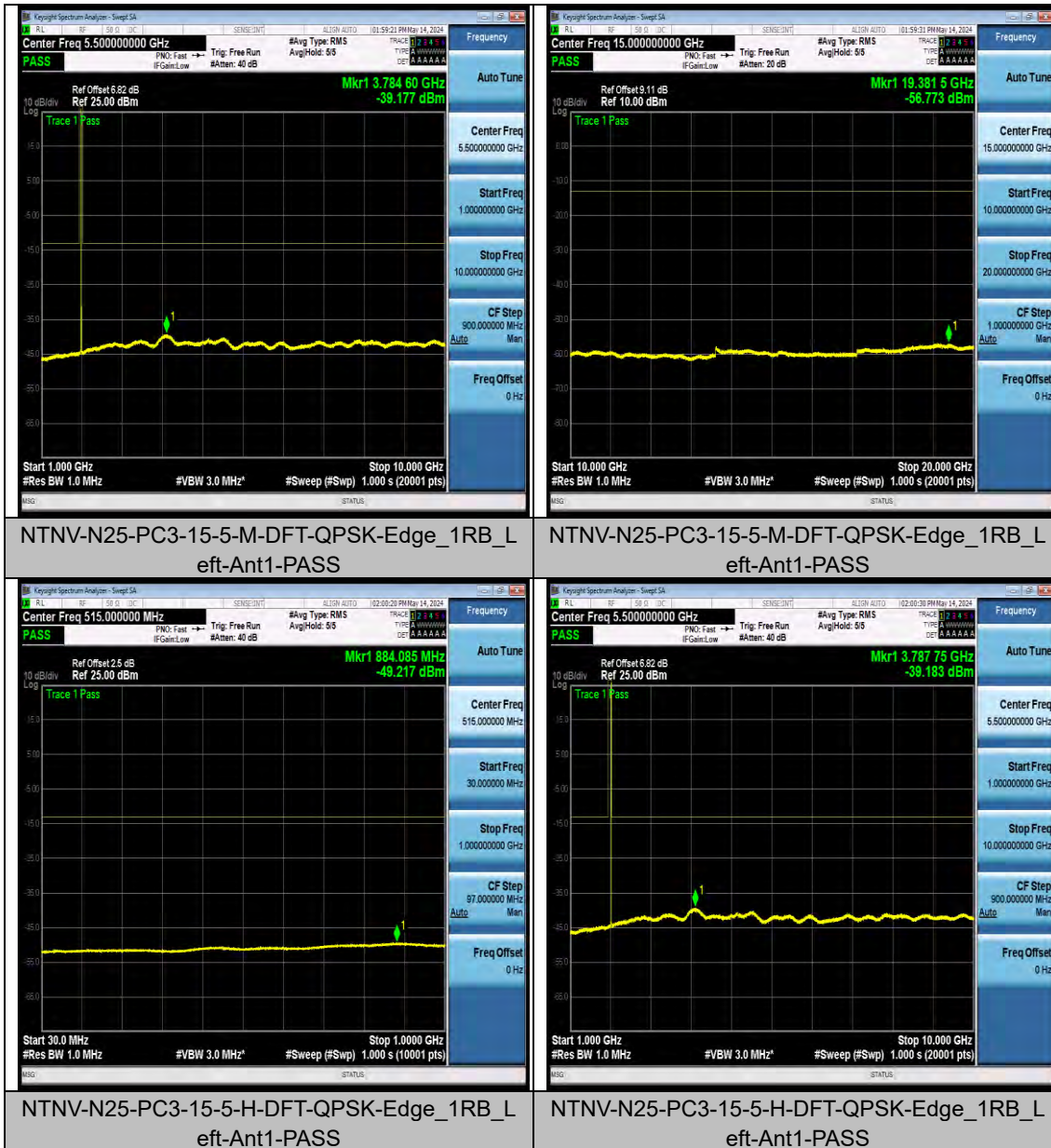
TEST GRAPHS





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VERITAS

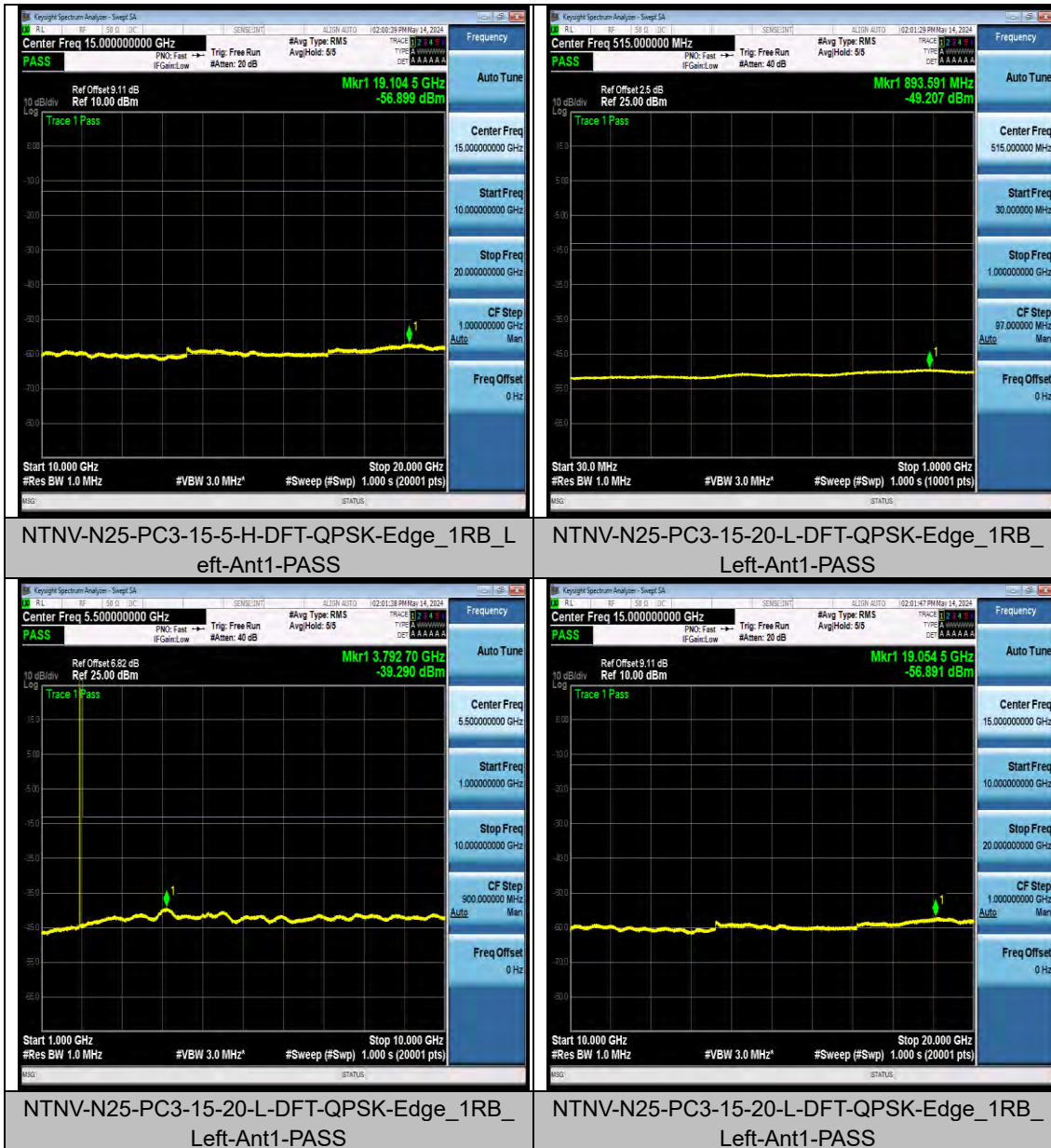
Reference No.: W7L-P24090003RF08





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VERITAS

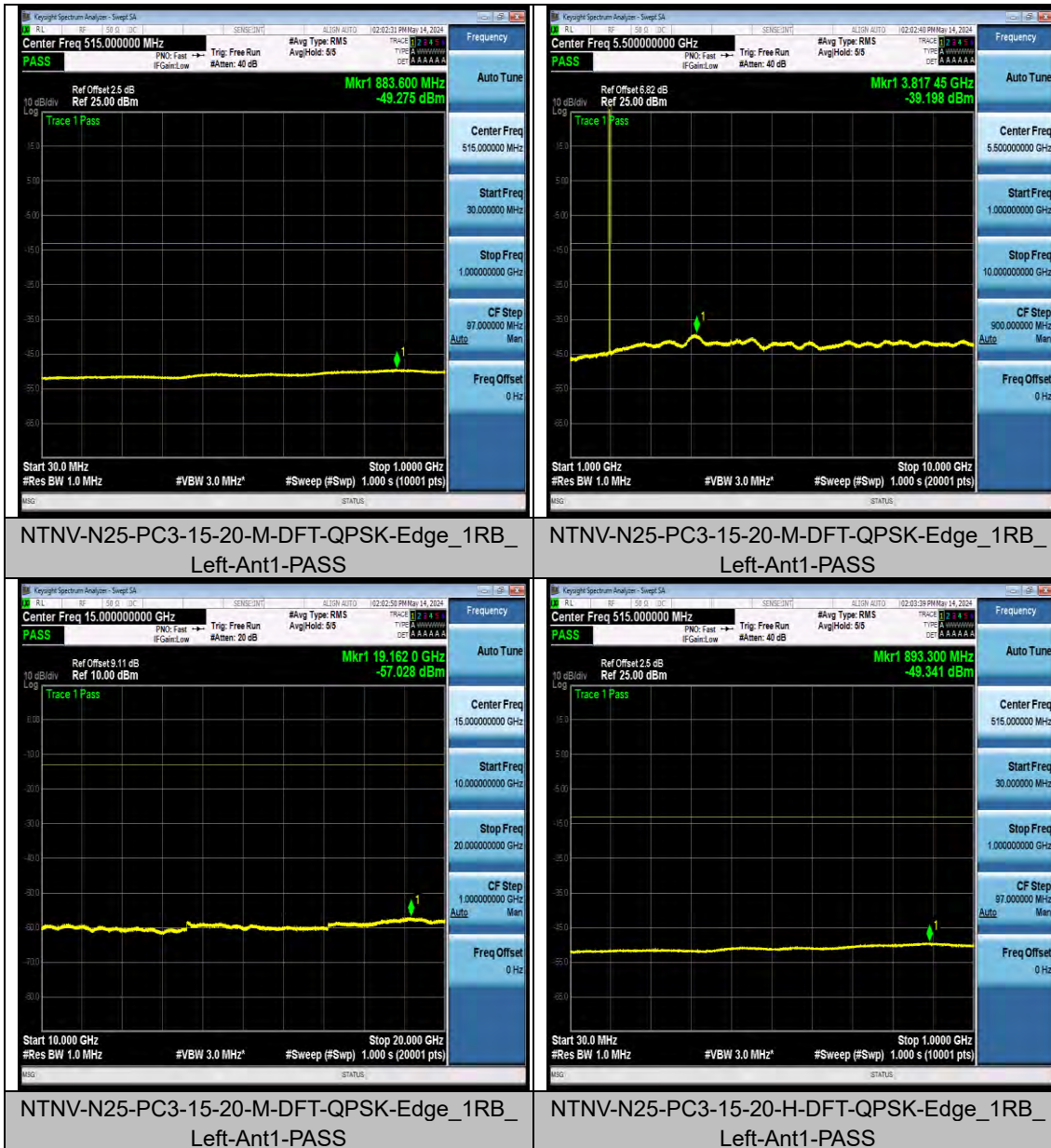
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VERITAS

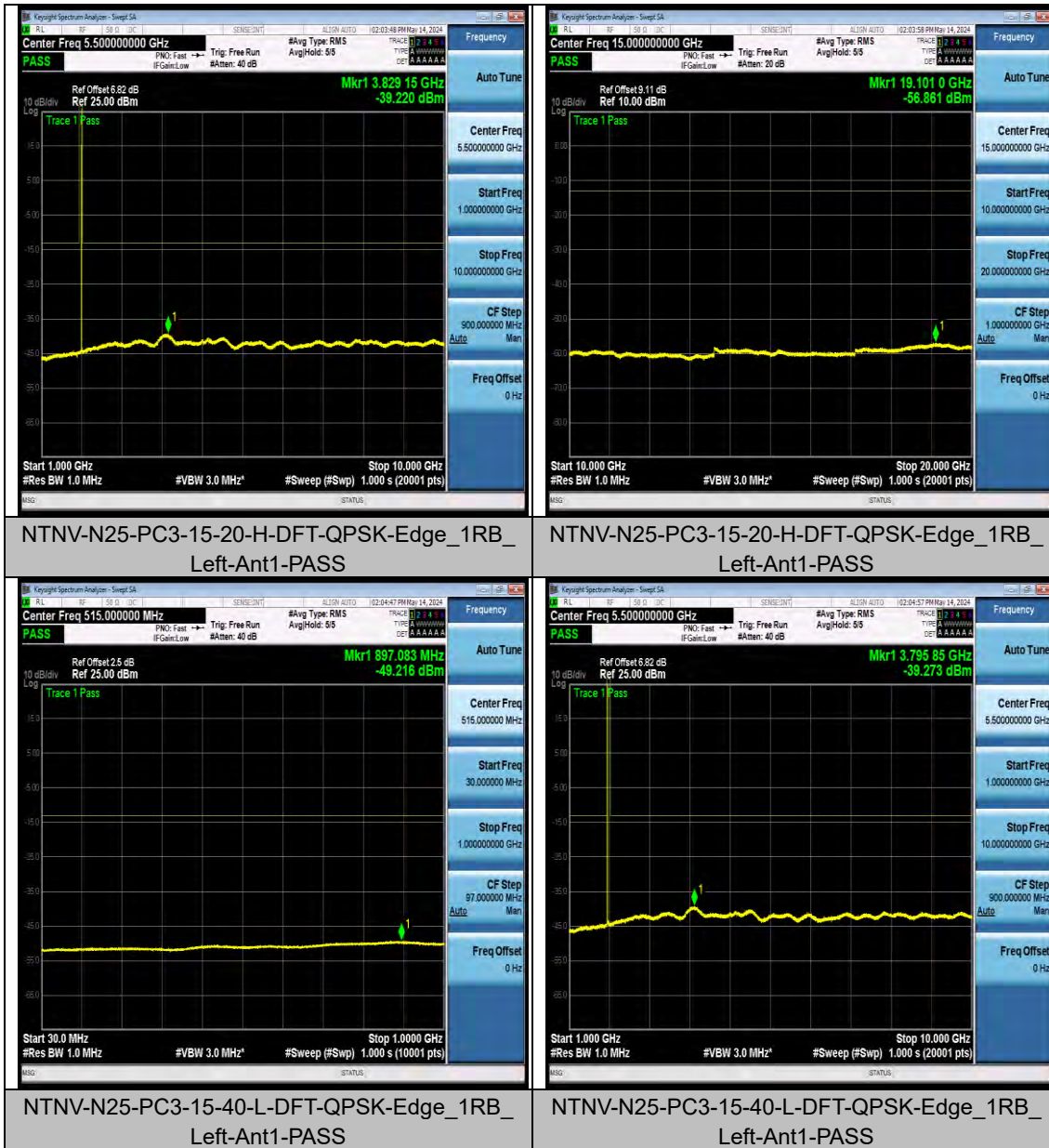
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VERITAS

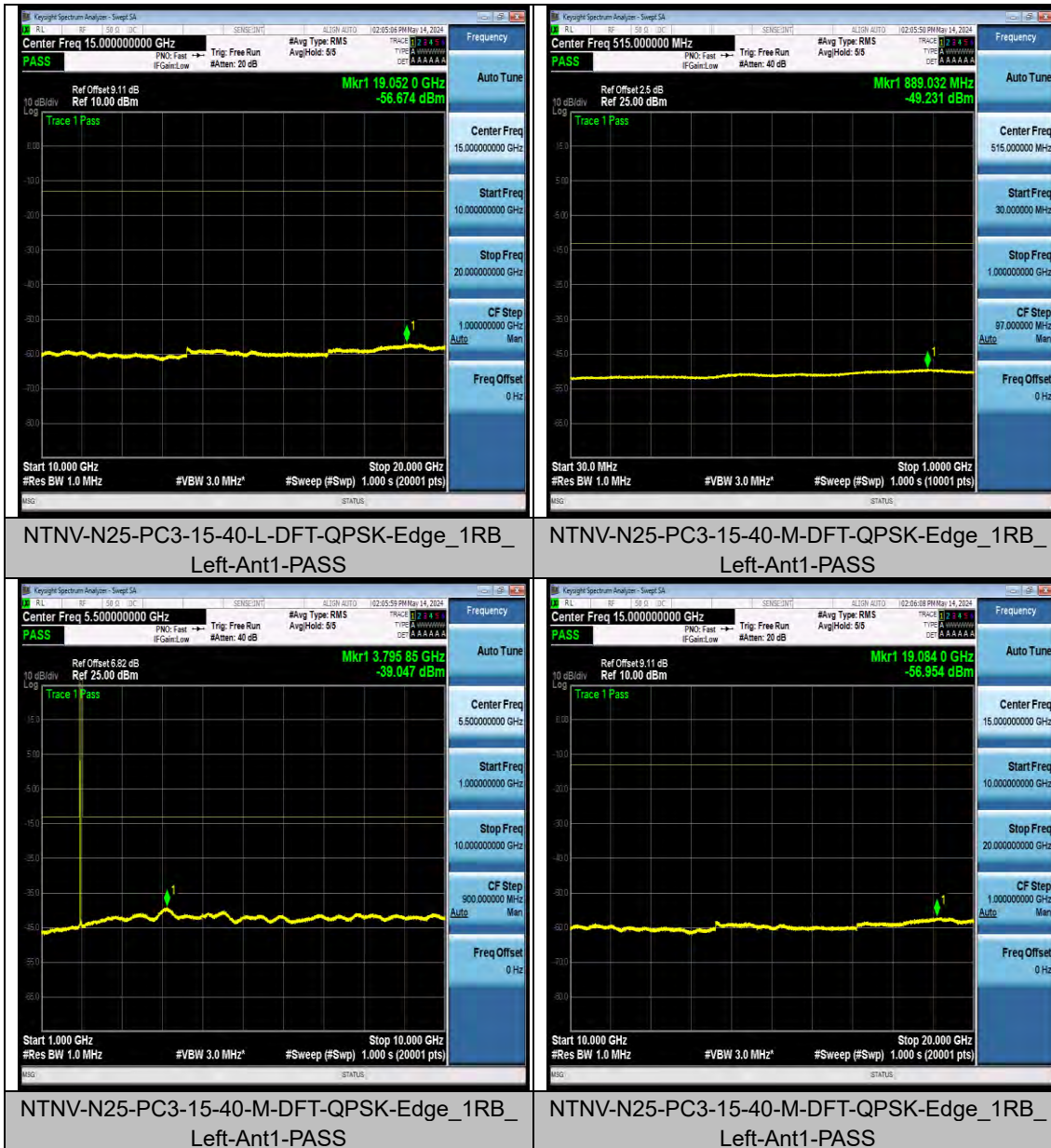
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VERITAS

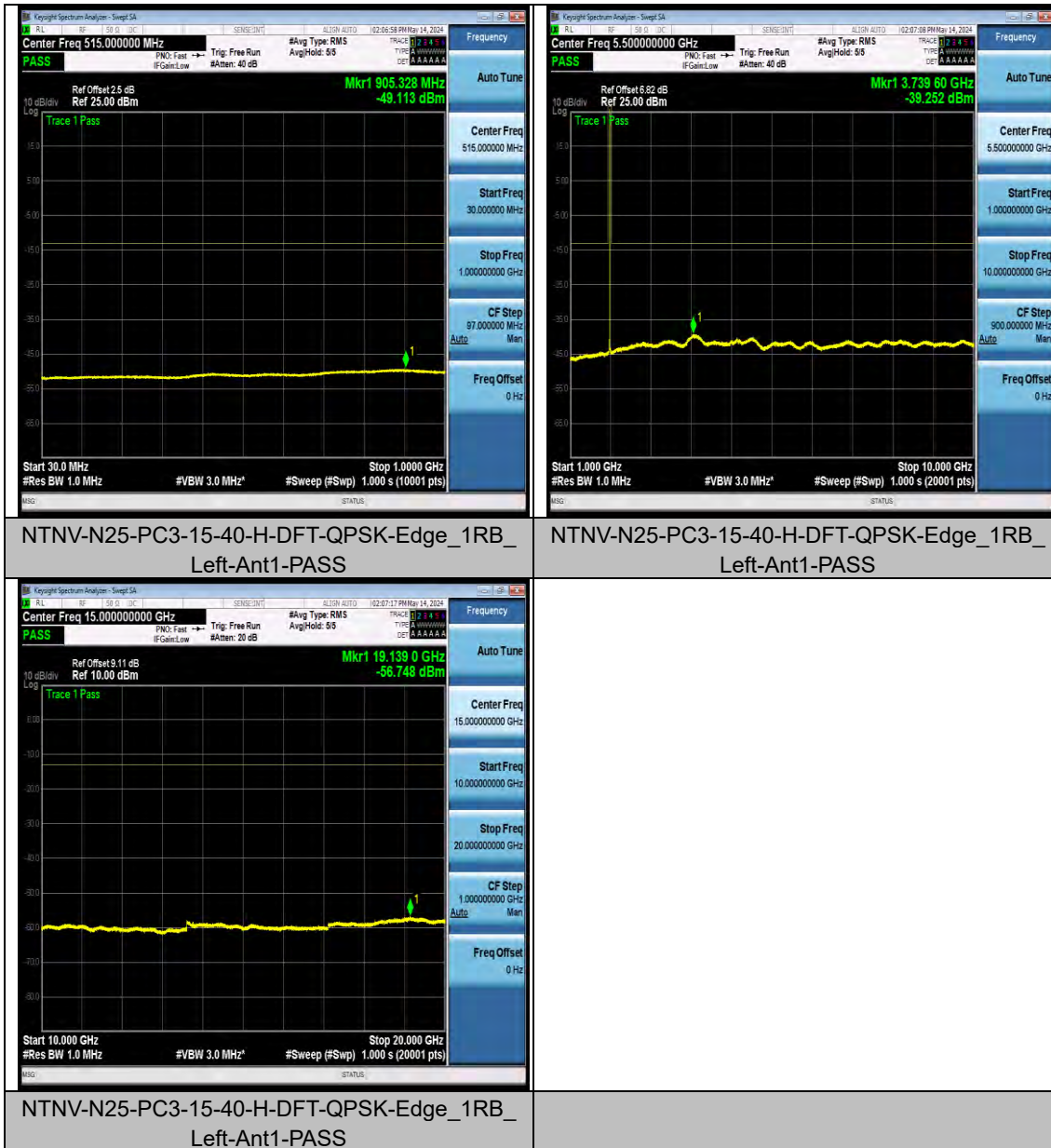
Reference No.: W7L-P24090003RF08





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VERITAS

Reference No.: W7L-P24090003RF08





Reference No.: W7L-P24090003RF08

FREQUENCY STABILITY FOR SA TEST RESULT

Voltage													
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	19.00	0.010215	1855.5806	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	4.00	0.002151	1855.4611	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	15.00	0.008064	1855.2664	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	6.00	0.003226	1855.2801	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	17.00	0.009140	1855.1999	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	8.00	0.004301	1855.2660	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	19.00	0.010215	1855.3990	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	11.00	0.005914	1855.5999	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	18.00	0.009677	1855.5689	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	9.00	0.004839	1855.3881	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	1.00	0.000538	1855.3194	---	1850-1915	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	5.00	0.002688	1855.4207	---	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	10.00	0.005249	---	1912.7243	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	12.00	0.006299	---	1912.7525	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	7.00	0.003675	---	1912.6452	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	17.00	0.008924	---	1912.6432	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	18.00	0.009449	---	1912.6370	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	16.00	0.008399	---	1912.6722	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	8.00	0.004199	---	1912.7178	1850-1915	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	18.00	0.009449	---	1912.7329	1850-1915	PASS



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VERITAS

Reference No.: W7L-P24090003RF08

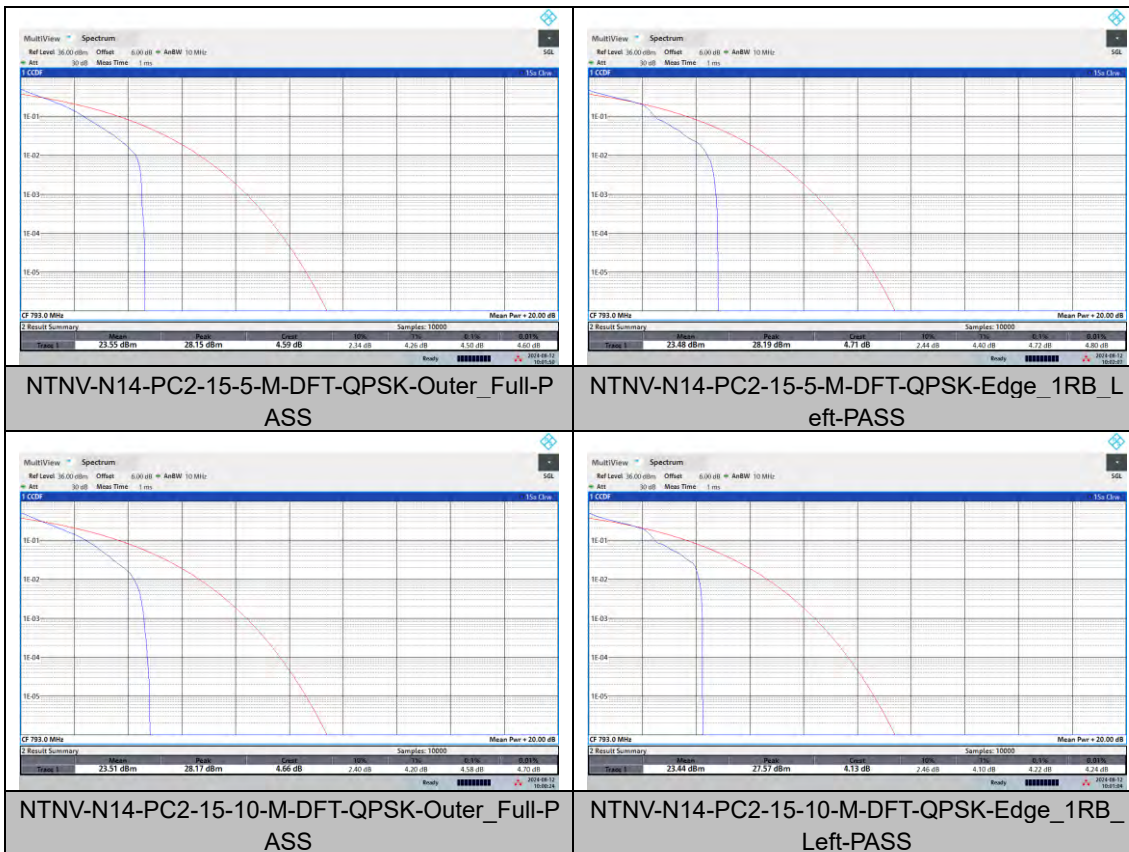
N25	15	20	DFT-QP SK	H	Outer_Fu II	NV	20	3.00	0.001575	---	1912.6 962	1850- 1915	PASS
N25	15	20	DFT-QP SK	H	Outer_Fu II	NV	30	14.00	0.007349	---	1912.6 349	1850- 1915	PASS
N25	15	20	DFT-QP SK	H	Outer_Fu II	NV	40	5.00	0.002625	---	1912.6 320	1850- 1915	PASS
N25	15	20	DFT-QP SK	H	Outer_Fu II	NV	50	16.00	0.008399	---	1912.7 022	1850- 1915	PASS

N14 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N14	15	5	DFT-QPSK	M	Outer_Full	4.50	≤13	PASS
N14	15	5	DFT-QPSK	M	Edge_1RB_Left	4.72	≤13	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	4.58	≤13	PASS
N14	15	10	DFT-QPSK	M	Edge_1RB_Left	4.20	≤13	PASS

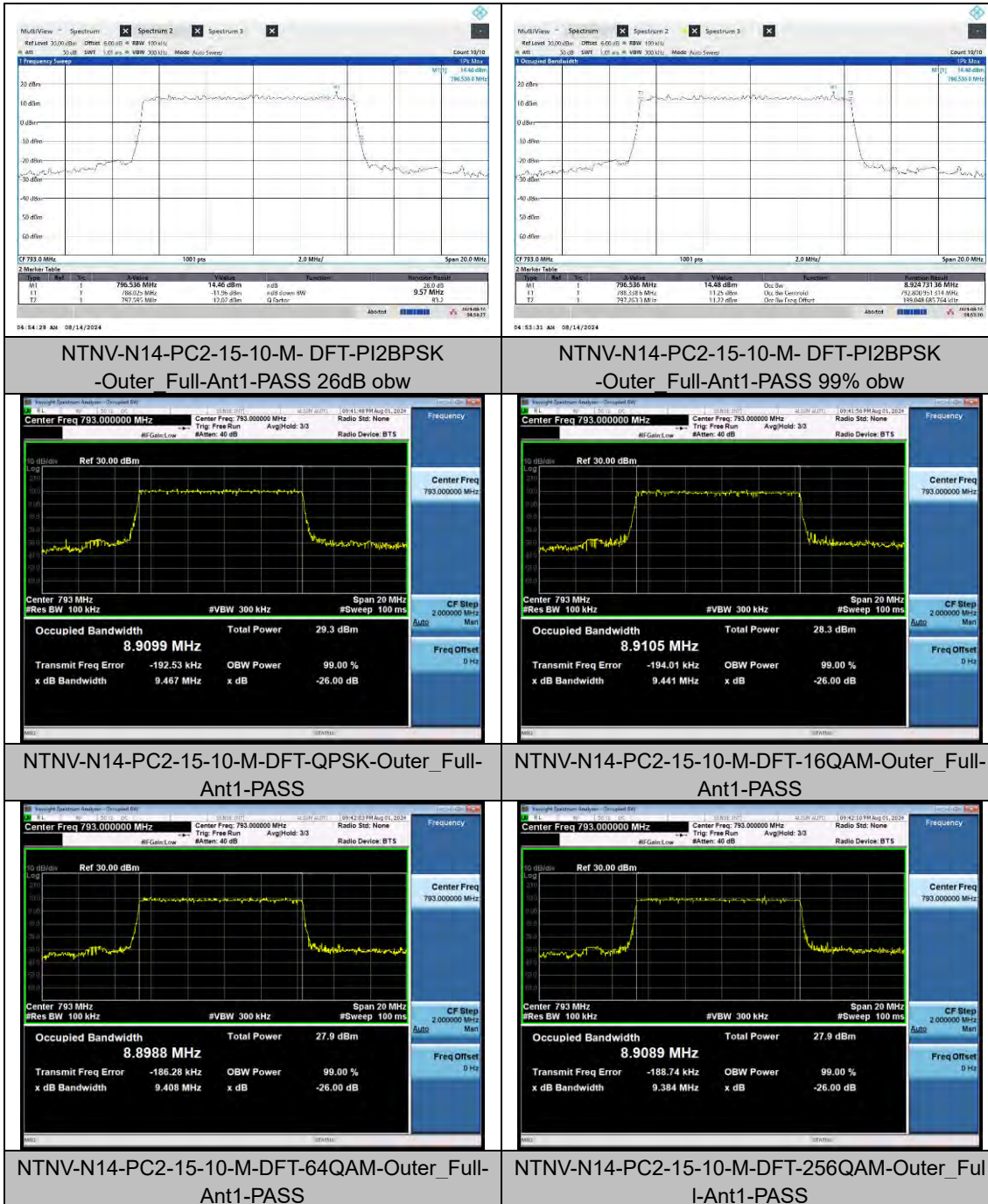
TEST GRAPHS

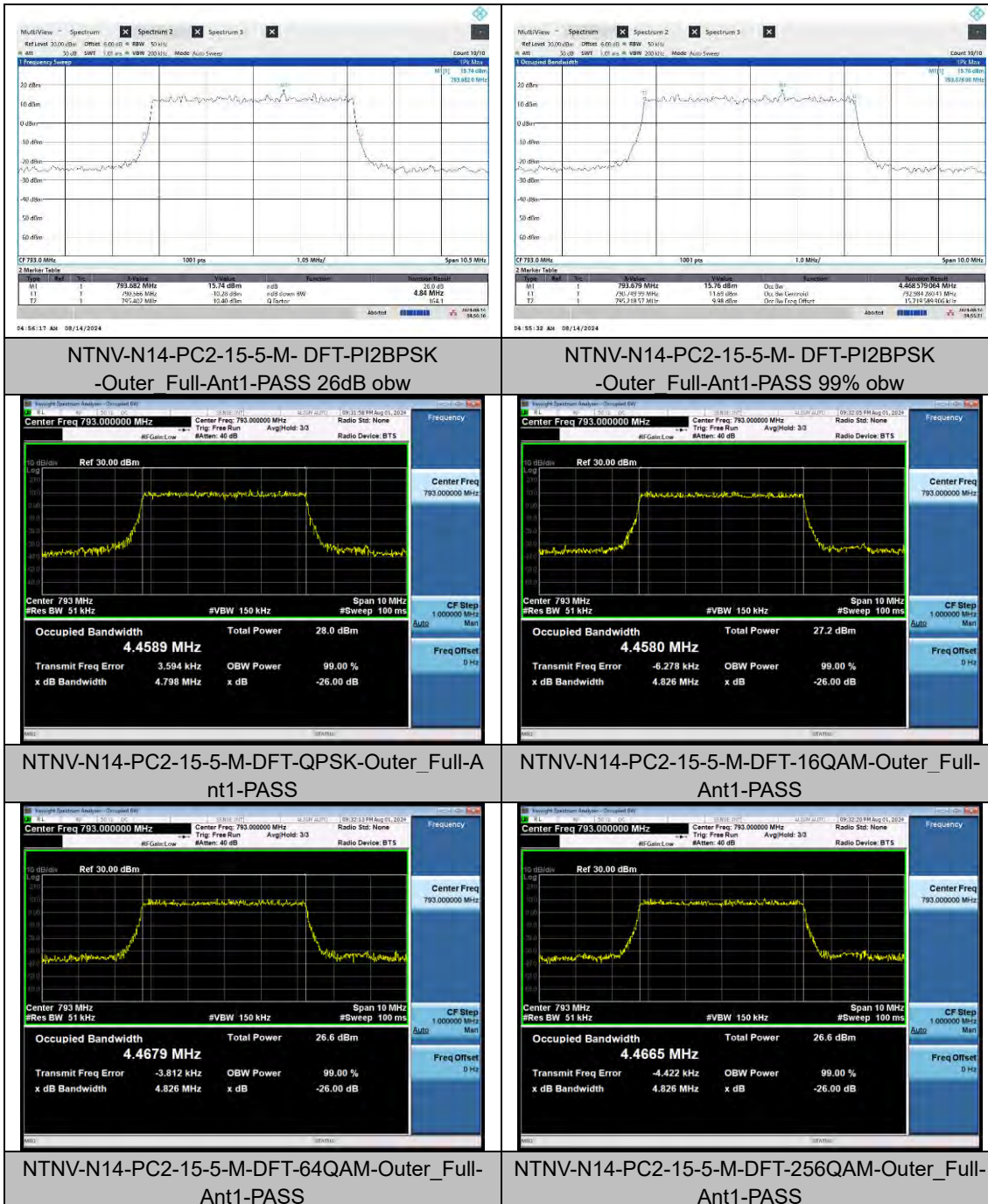


26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N14	15	10	DFT-PI2BPSK	M	Outer_Full	8.9247	9.570	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	8.9099	9.467	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	8.9105	9.441	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	8.8988	9.408	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	8.9089	9.384	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	4.4685	4.840	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	4.4589	4.798	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	4.4580	4.826	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	4.4679	4.826	PASS
N14	15	5	DFT-256QAM	M	Outer_Full	4.4665	4.826	PASS

TEST GRAPHS

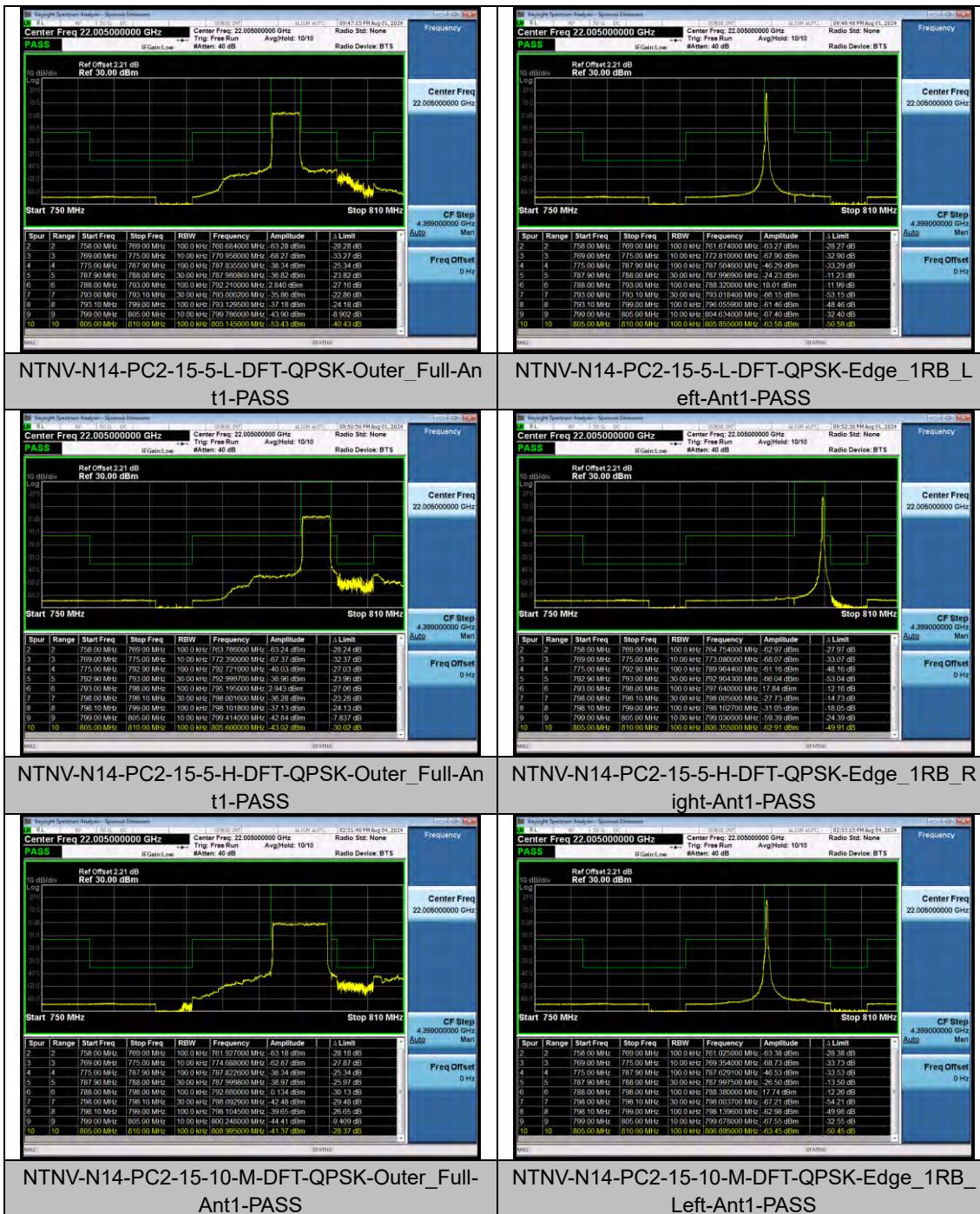




BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N14	15	5	DFT-QPSK	L	Outer Full	-43.90	PASS
N14	15	5	DFT-QPSK	L	Edge 1RB Left	-24.23	PASS
N14	15	5	DFT-QPSK	H	Outer Full	-42.84	PASS
N14	15	5	DFT-QPSK	H	Edge 1RB Right	-27.73	PASS
N14	15	10	DFT-QPSK	M	Outer Full	-44.41	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Left	-26.50	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Right	-26.91	PASS

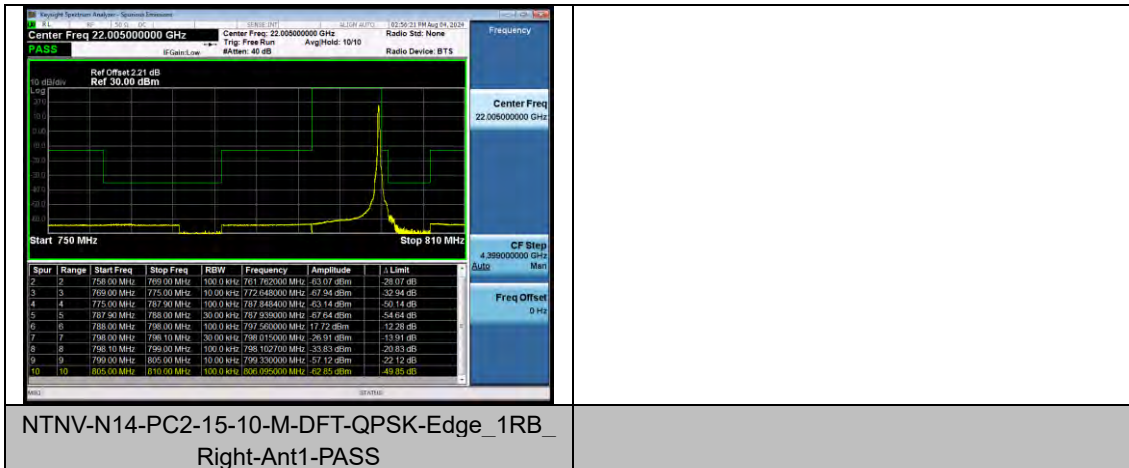
TEST GRAPHS





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VERITAS

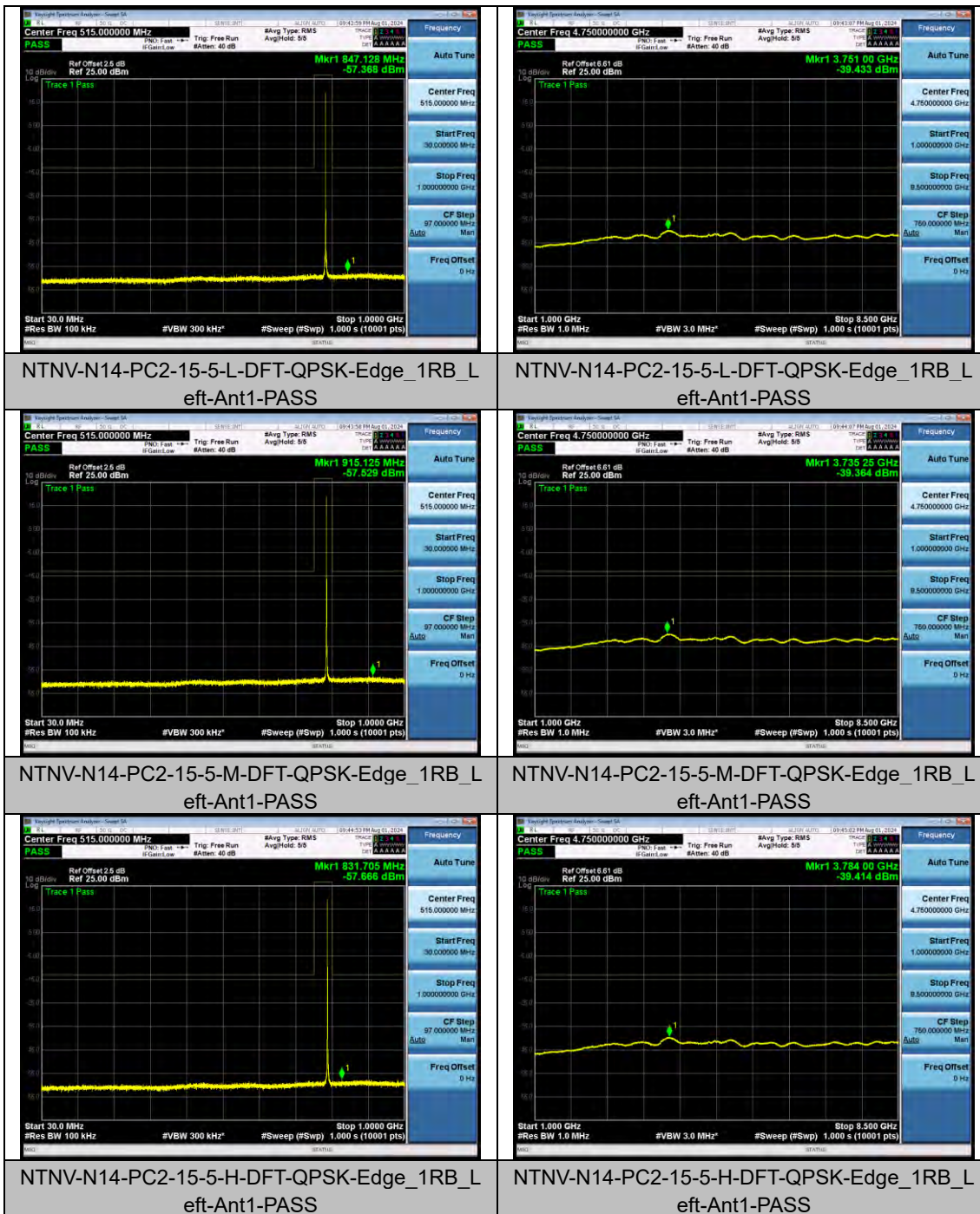
Reference No.: W7L-P24090003RF08



CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N14	15	5	DFT-QPSK	L	Edge 1RB Left	30	1000	-57.37	-13	PASS
N14	15	5	DFT-QPSK	L	Edge 1RB Left	1000	8500	-39.43	-13	PASS
N14	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.53	-13	PASS
N14	15	5	DFT-QPSK	M	Edge 1RB Left	1000	8500	-39.36	-13	PASS
N14	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.67	-13	PASS
N14	15	5	DFT-QPSK	H	Edge 1RB Left	1000	8500	-39.41	-13	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.57	-13	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Left	1000	8500	-39.60	-13	PASS

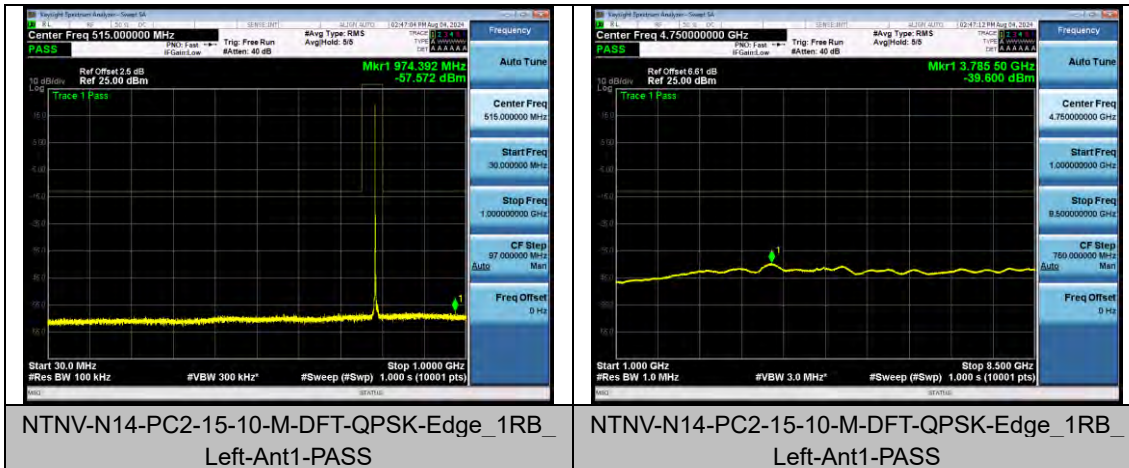
TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08



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
N14	15	10	DFT-QPSK	M	Outer Full	VL	NT	-0.112000	-0.000141	PASS
N14	15	10	DFT-QPSK	M	Outer Full	VN	NT	0.064000	0.000081	PASS
N14	15	10	DFT-QPSK	M	Outer Full	VH	NT	0.891000	0.001124	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	-30	-0.113000	-0.000142	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	-20	0.408000	0.000515	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	-10	-0.381000	-0.000480	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	0	0.140000	0.000177	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	10	-0.198000	-0.000250	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	20	-0.679000	-0.000856	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	30	0.272000	0.000343	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	40	0.165000	0.000208	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	50	0.732000	0.000923	PASS



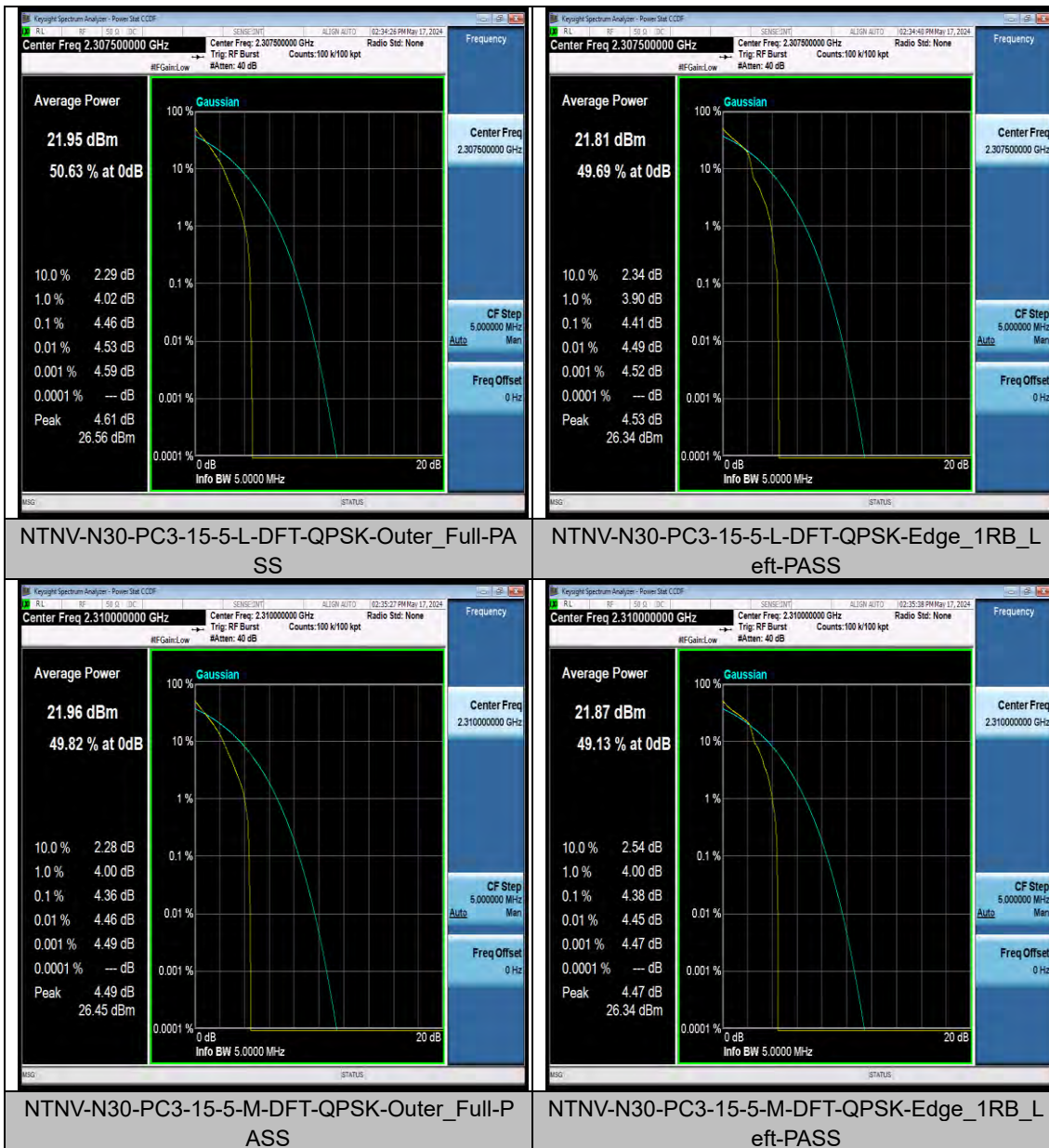
Reference No.: W7L-P24090003RF08

N30

**PEAK-TO-AVERAGE RATIO(CCDF)
TEST RESULT**

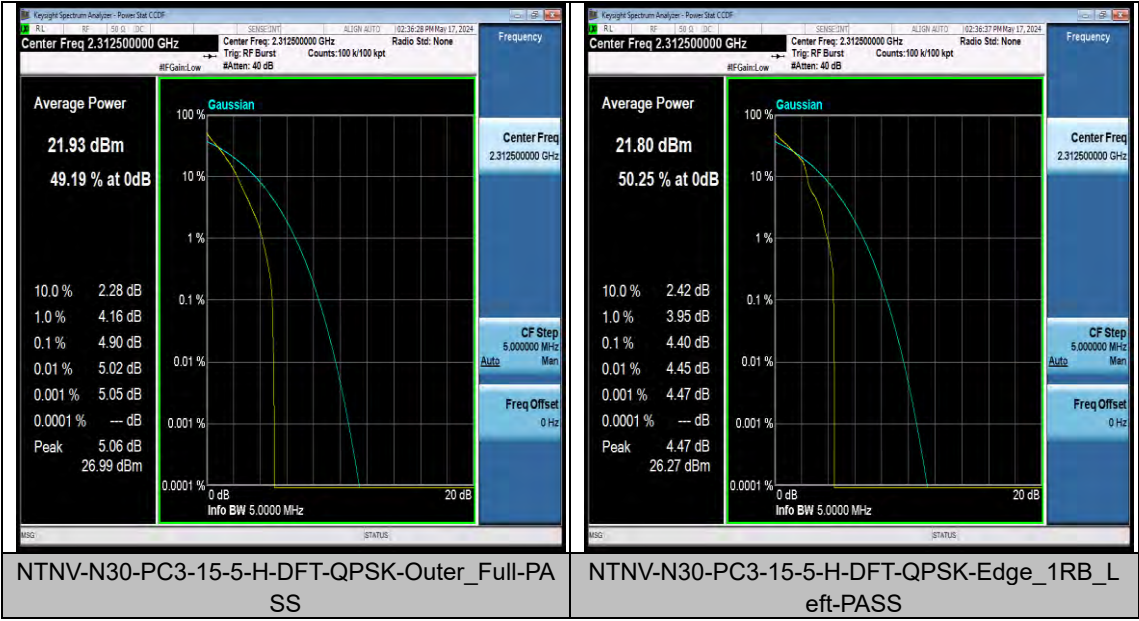
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N30	15	5	DFT-QPSK	L	Outer Full	4.46	≤13	PASS
N30	15	5	DFT-QPSK	L	Edge 1RB Left	4.41	≤13	PASS
N30	15	5	DFT-QPSK	M	Outer Full	4.36	≤13	PASS
N30	15	5	DFT-QPSK	M	Edge 1RB Left	4.38	≤13	PASS
N30	15	5	DFT-QPSK	H	Outer Full	4.90	≤13	PASS
N30	15	5	DFT-QPSK	H	Edge 1RB Left	4.40	≤13	PASS

TEST GRAPHS





Reference No.: W7L-P24090003RF08





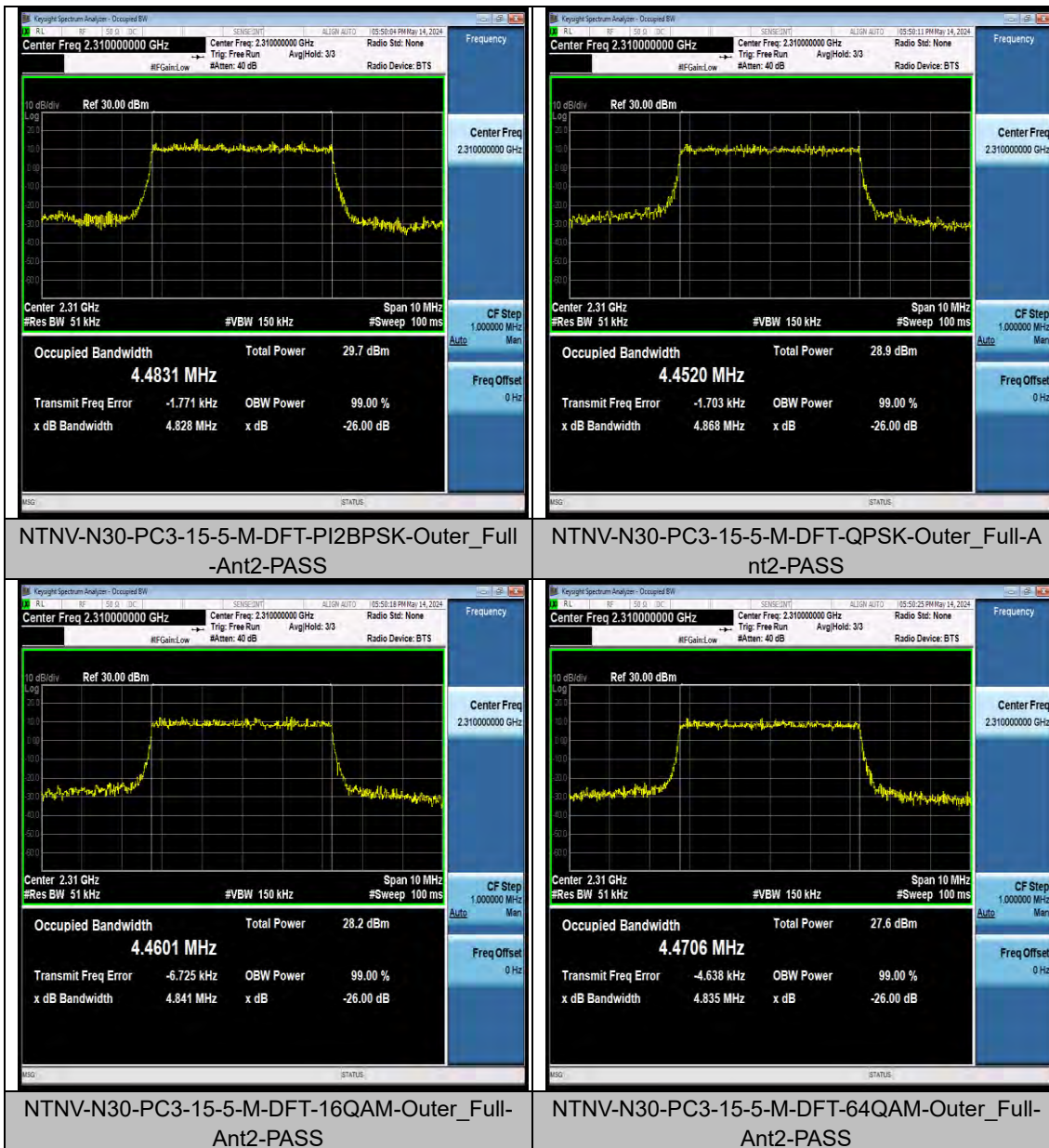
Reference No.: W7L-P24090003RF08

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.4831	4.828	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.4520	4.868	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.4601	4.841	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	4.4706	4.835	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	4.4792	4.828	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	8.9058	9.447	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.9064	9.475	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.9309	9.450	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	8.9077	9.467	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	8.8997	9.409	PASS

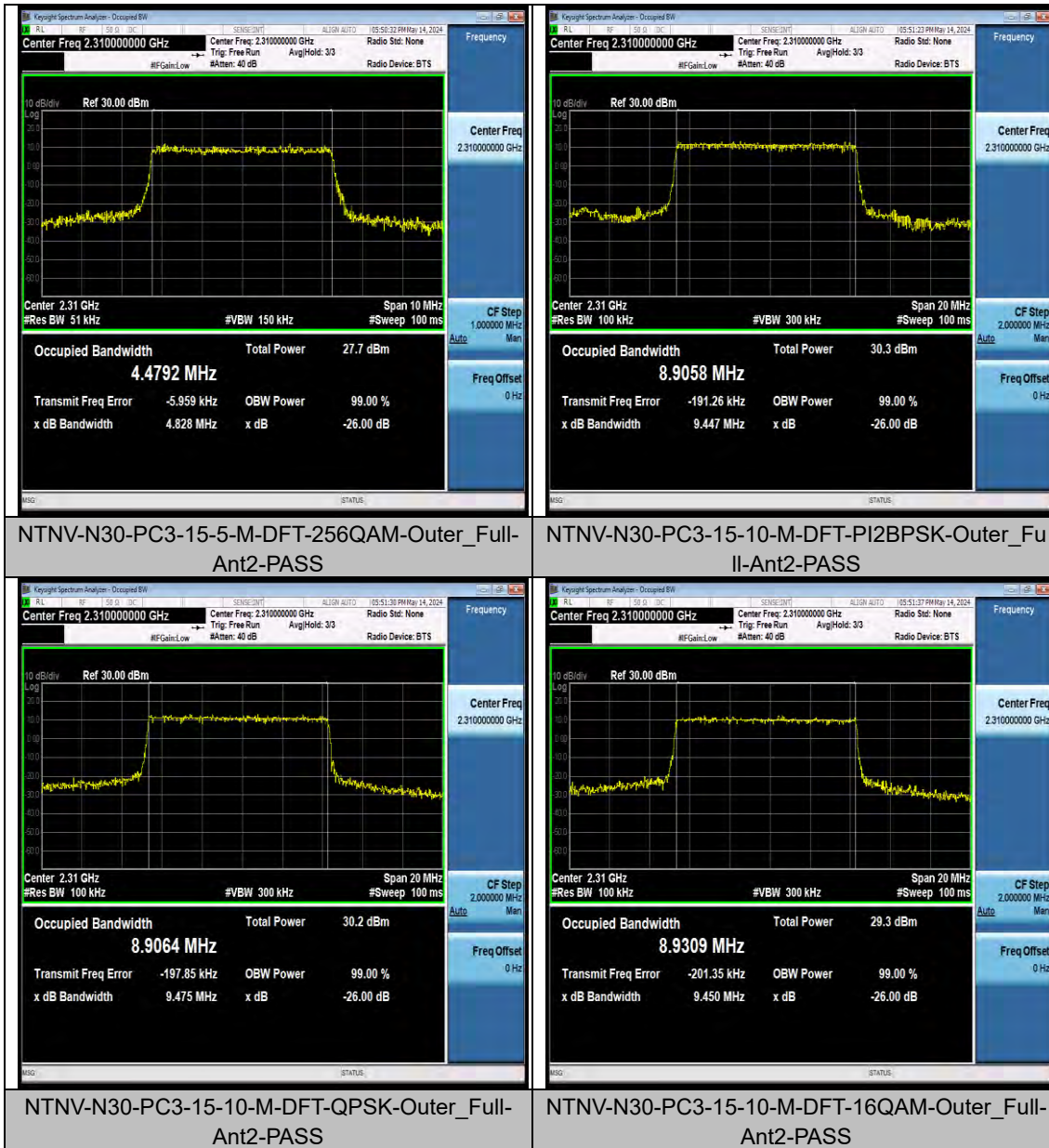
TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08

