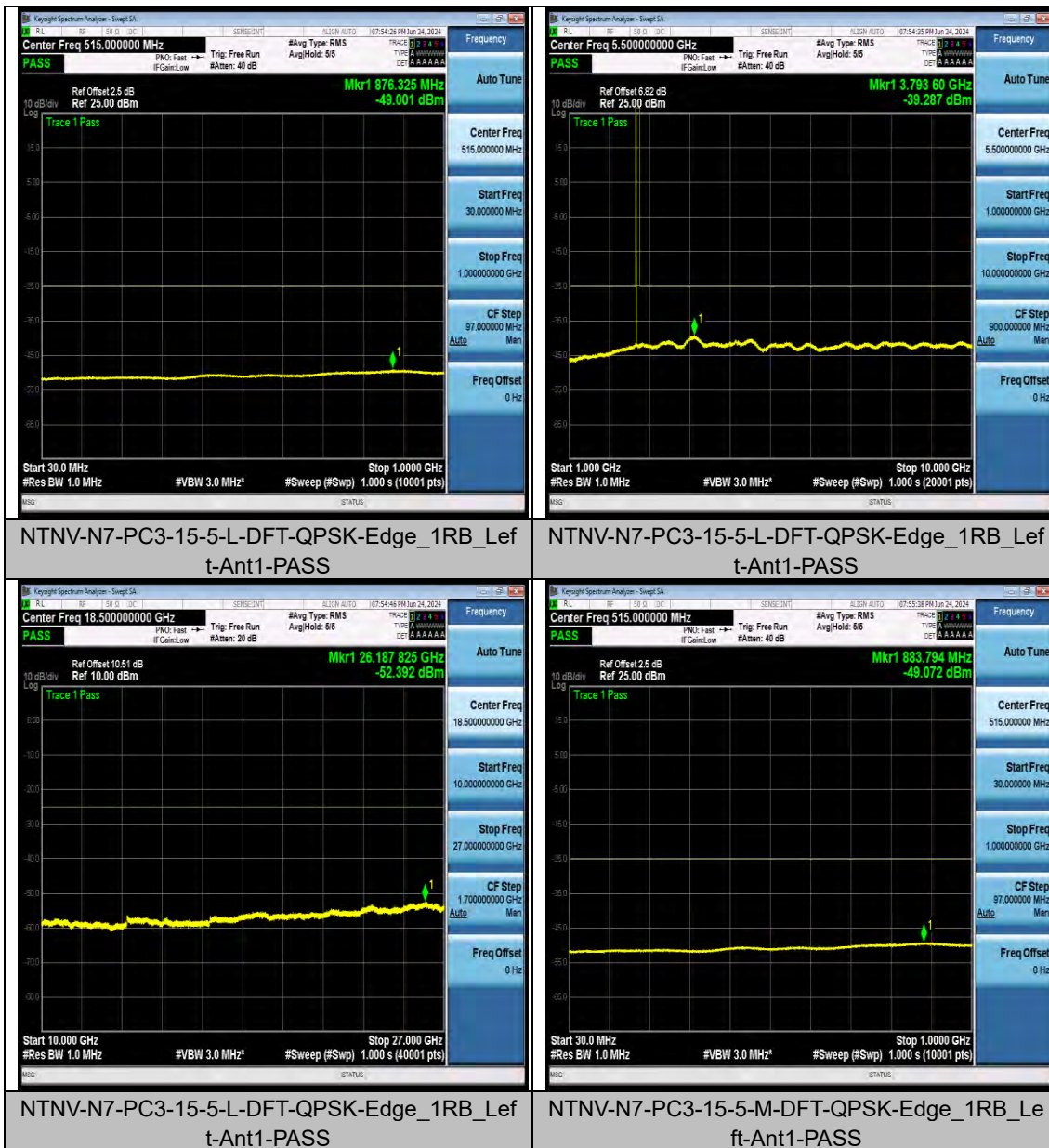


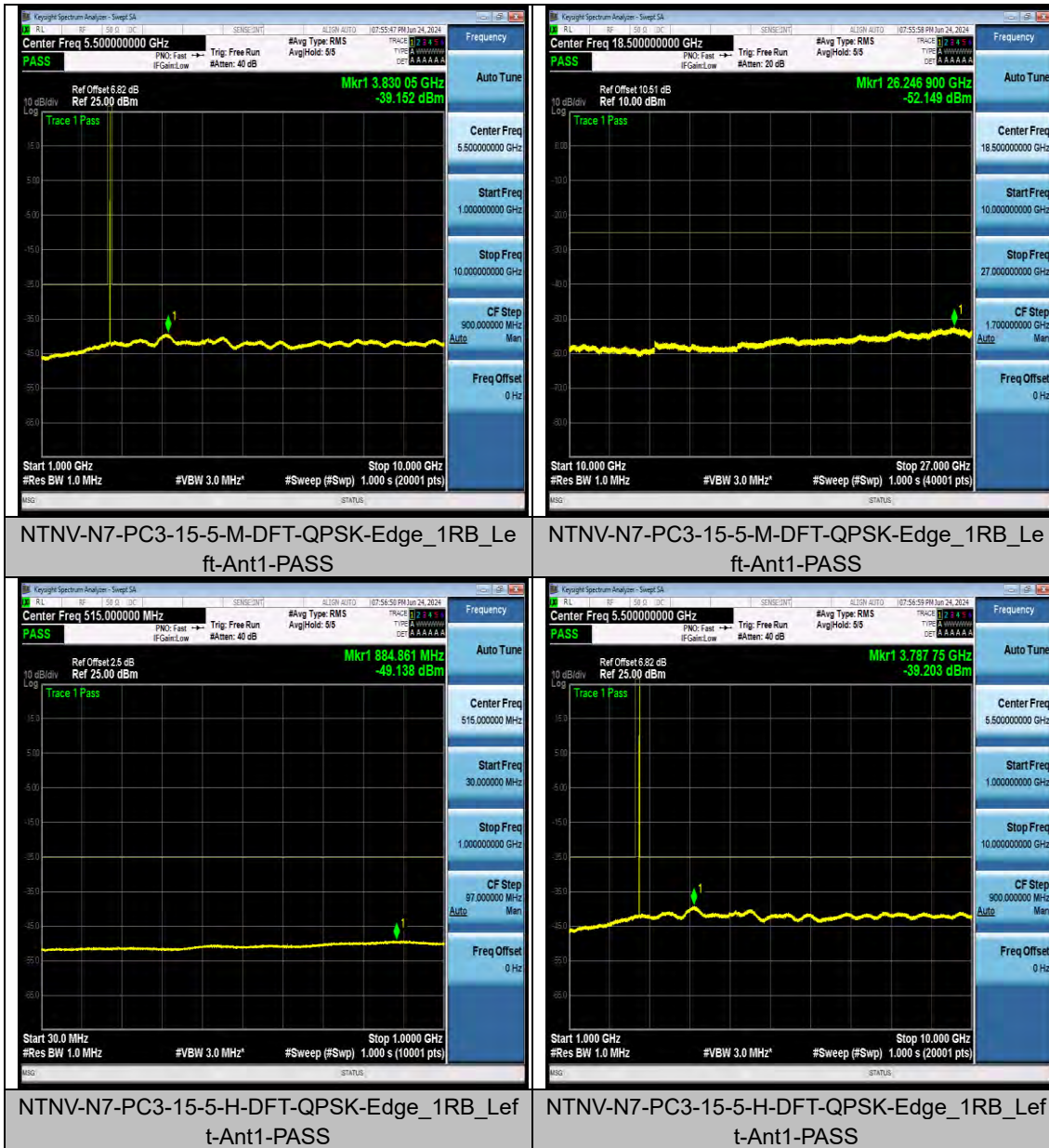
TEST GRAPHS





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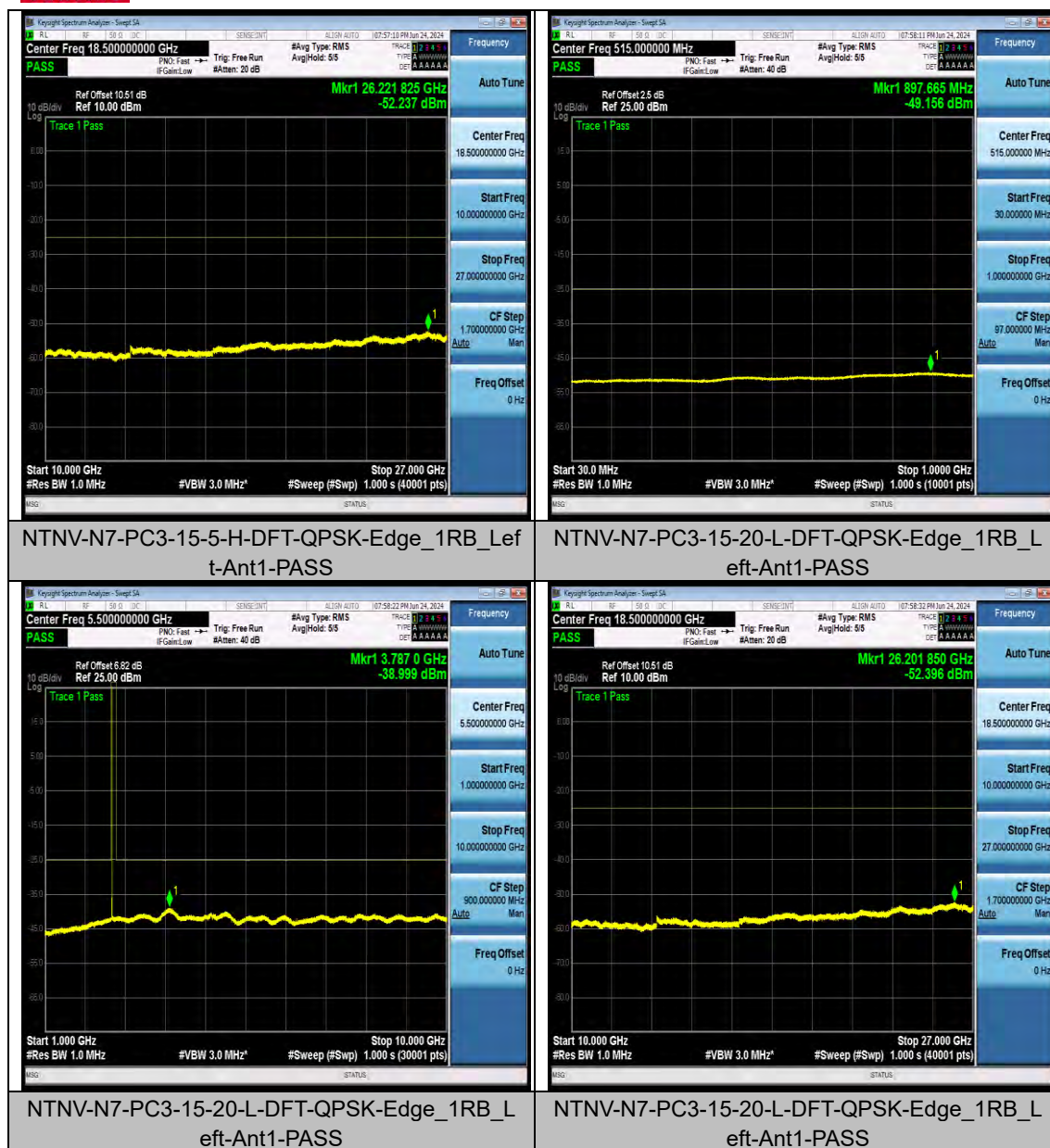
Reference No.: W7L-P24050018RF11





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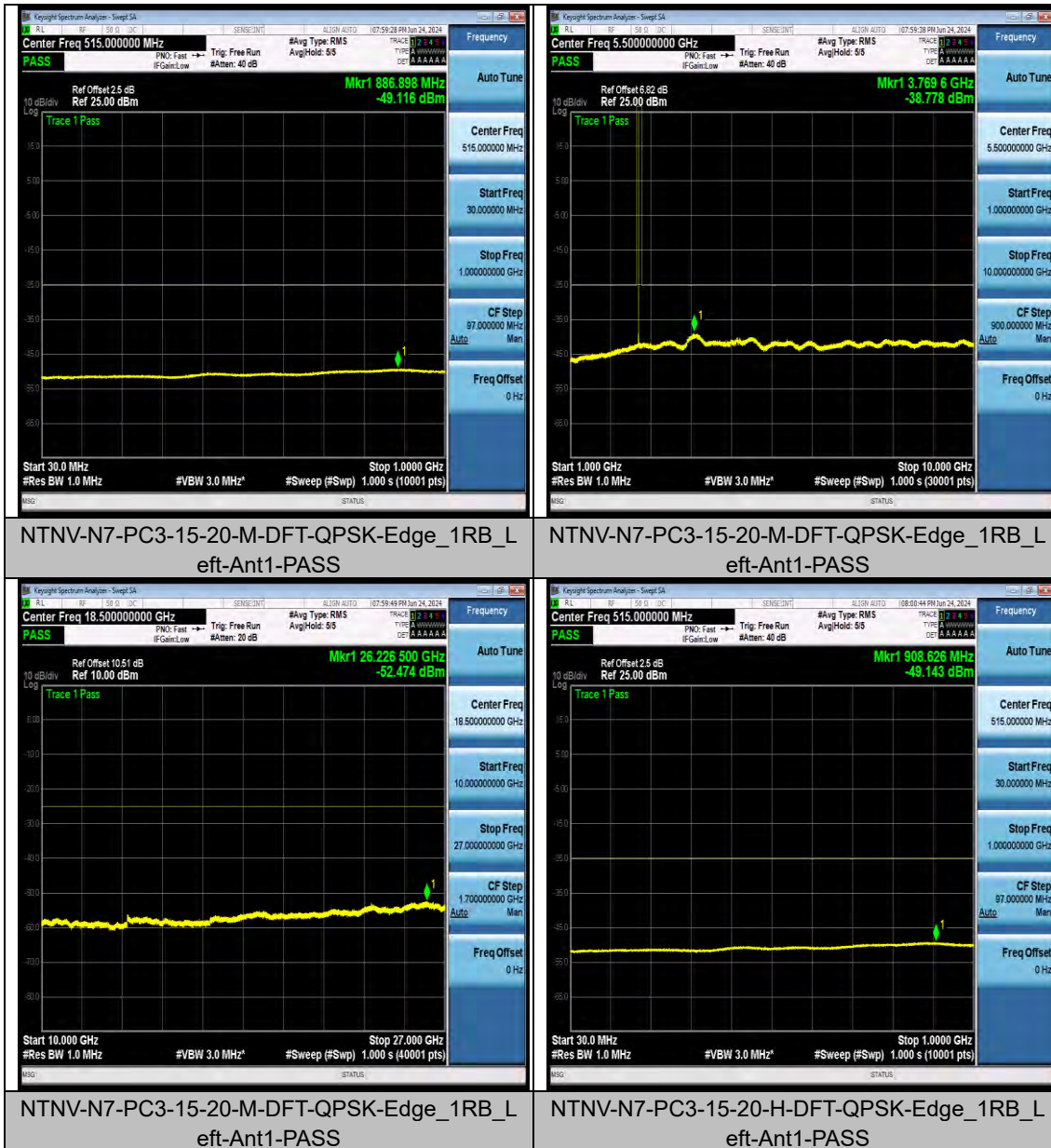
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VERITAS

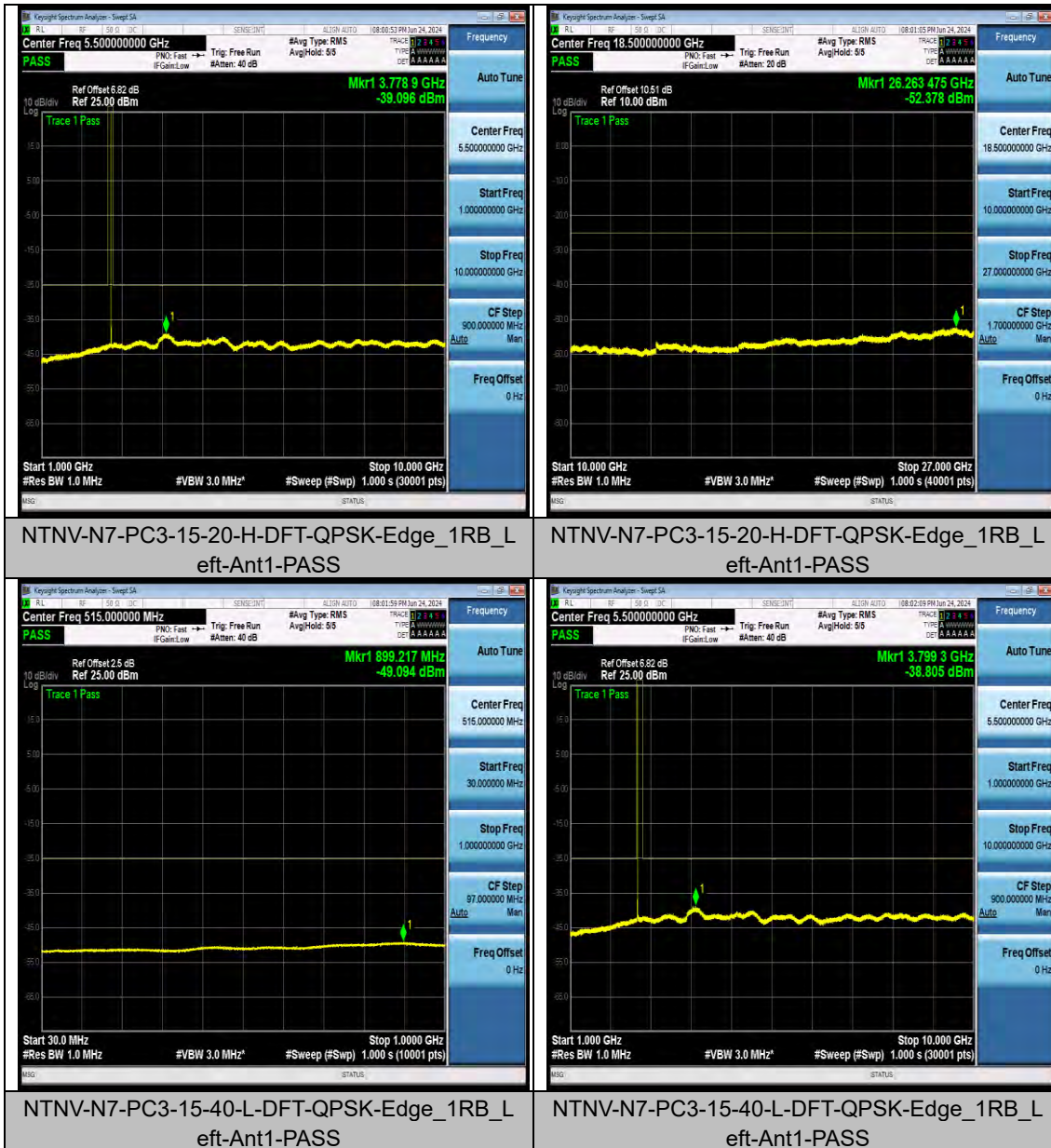
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VERITAS

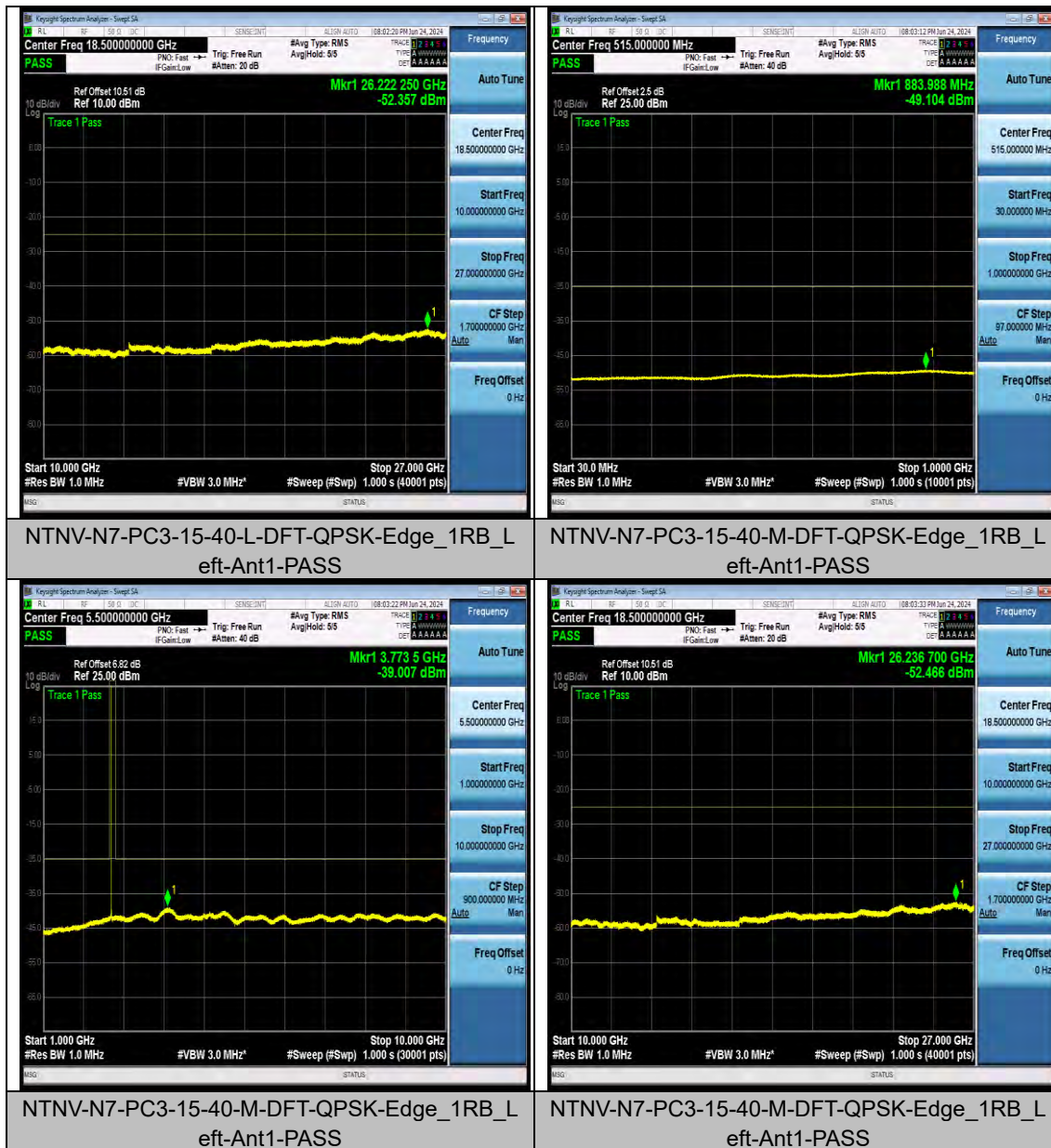
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VERITAS

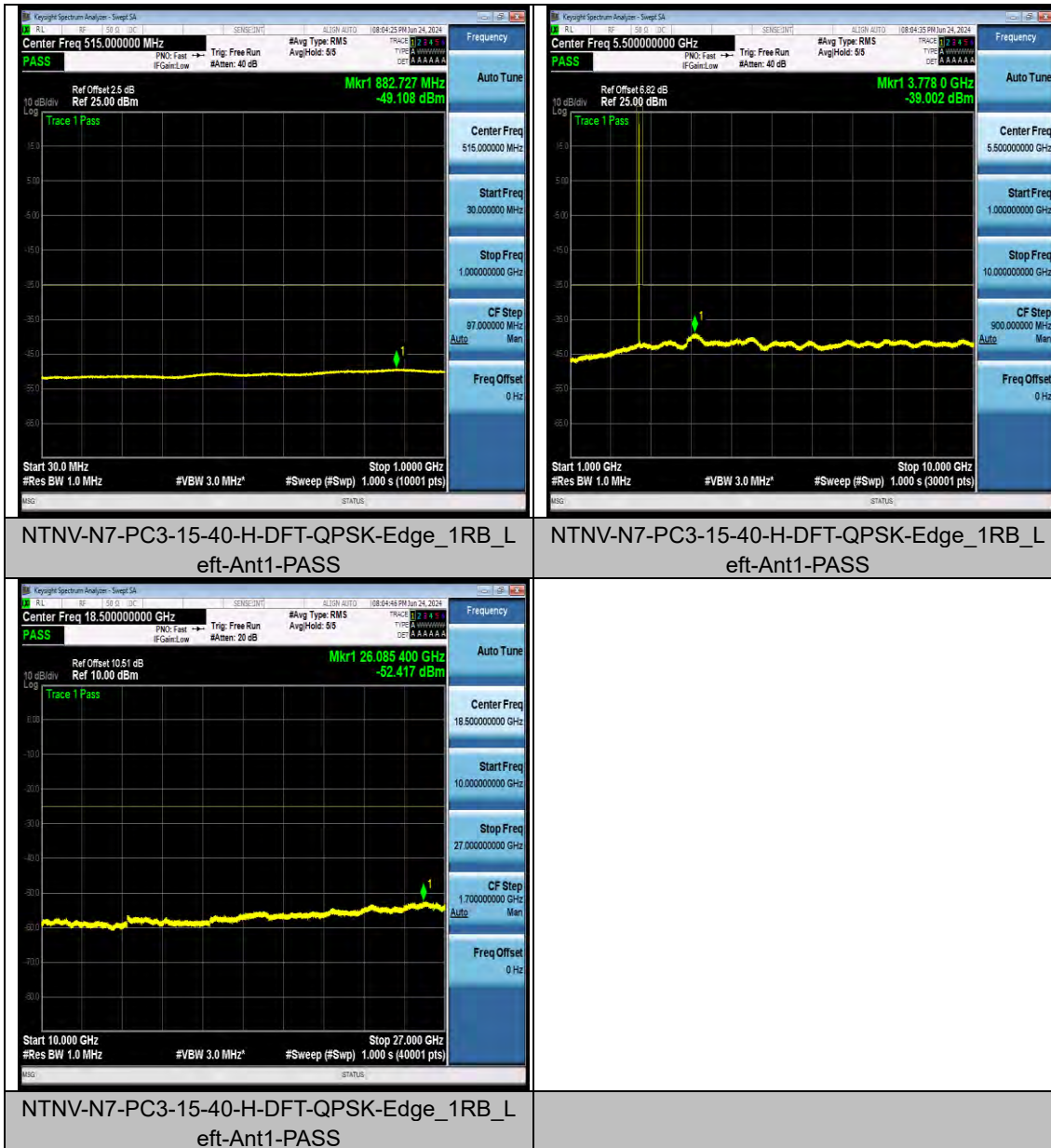
Reference No.: W7L-P24050018RF11





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VERITAS

Reference No.: W7L-P24050018RF11





Reference No.: W7L-P24050018RF11

FREQUENCY STABILITY FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-QPSK	L	Outer Full	VL	NT	7.000000	0.002789	PASS
N7	15	20	DFT-QPSK	L	Outer Full	VN	NT	8.000000	0.003187	PASS
N7	15	20	DFT-QPSK	L	Outer Full	VH	NT	16.000000	0.006375	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	-30	14.000000	0.005578	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	-20	18.000000	0.007171	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	-10	6.000000	0.002390	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	0	15.000000	0.005976	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	10	7.000000	0.002789	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	20	17.000000	0.006773	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	30	9.000000	0.003586	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	40	19.000000	0.007570	PASS
N7	15	20	DFT-QPSK	L	Outer Full	NV	50	8.000000	0.003187	PASS
N7	15	20	DFT-QPSK	M	Outer Full	VL	NT	10.000000	0.003944	PASS
N7	15	20	DFT-QPSK	M	Outer Full	VN	NT	12.000000	0.004734	PASS
N7	15	20	DFT-QPSK	M	Outer Full	VH	NT	4.000000	0.001578	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	-30	9.000000	0.003550	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	-20	9.000000	0.003550	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	-10	1.000000	0.000394	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	0	11.000000	0.004339	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	10	3.000000	0.001183	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	20	12.000000	0.004734	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	30	3.000000	0.001183	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	40	14.000000	0.005523	PASS
N7	15	20	DFT-QPSK	M	Outer Full	NV	50	2.000000	0.000789	PASS
N7	15	20	DFT-QPSK	H	Outer Full	VL	NT	1.000000	0.000391	PASS
N7	15	20	DFT-QPSK	H	Outer Full	VN	NT	3.000000	0.001172	PASS
N7	15	20	DFT-QPSK	H	Outer Full	VH	NT	2.000000	0.000781	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	-30	2.000000	0.000781	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	-20	13.000000	0.005078	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	-10	11.000000	0.004297	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	0	6.000000	0.002344	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	10	17.000000	0.006641	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	20	15.000000	0.005859	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	30	7.000000	0.002734	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	40	17.000000	0.006641	PASS
N7	15	20	DFT-QPSK	H	Outer Full	NV	50	18.000000	0.007031	PASS



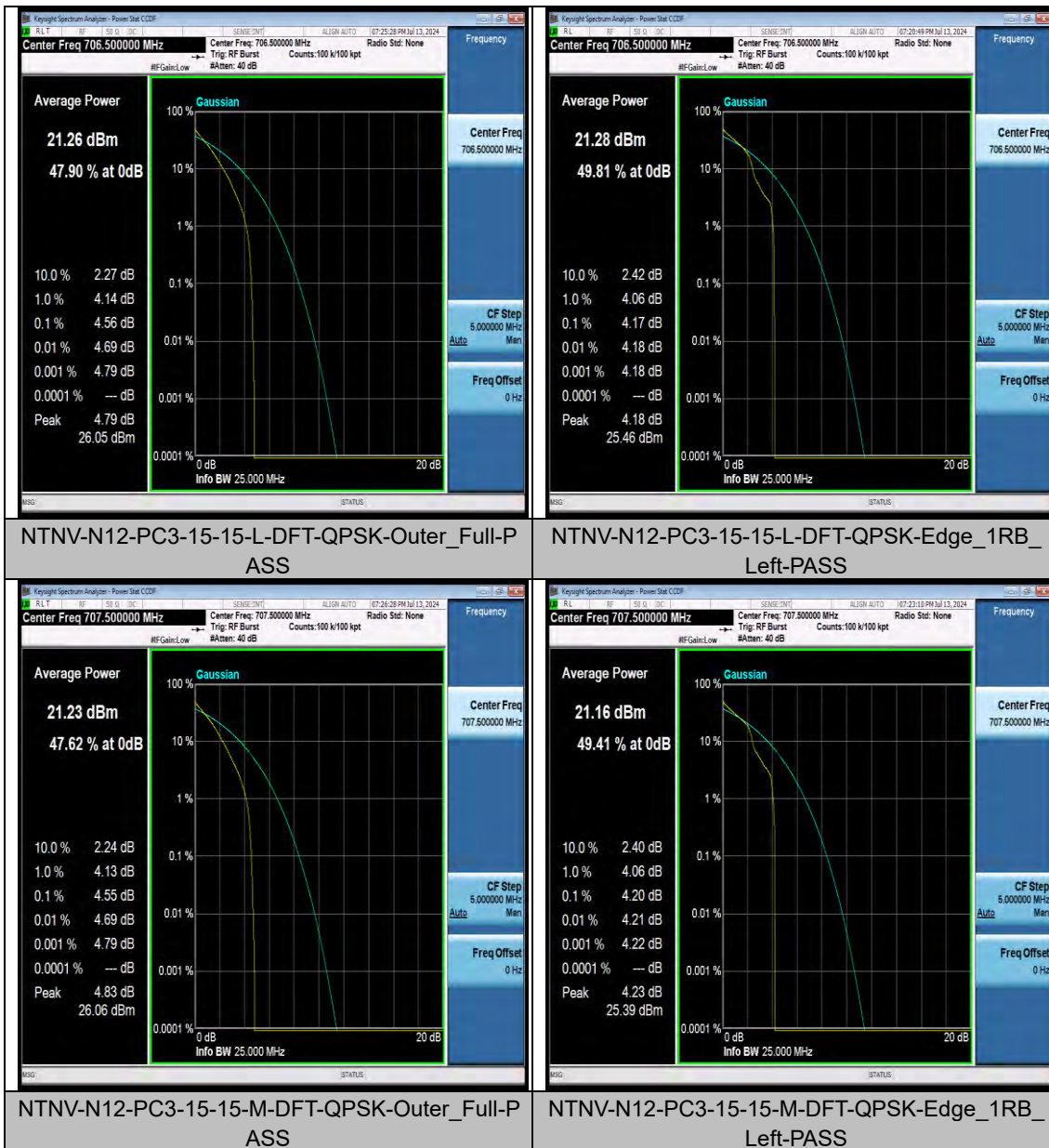
Reference No.: W7L-P24050018RF11

N12 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N12	15	15	DFT-QPSK	L	Outer_Full	4.56	≤ 13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	4.17	≤ 13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	4.55	≤ 13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	4.20	≤ 13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	4.56	≤ 13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	4.18	≤ 13	PASS

TEST GRAPHS





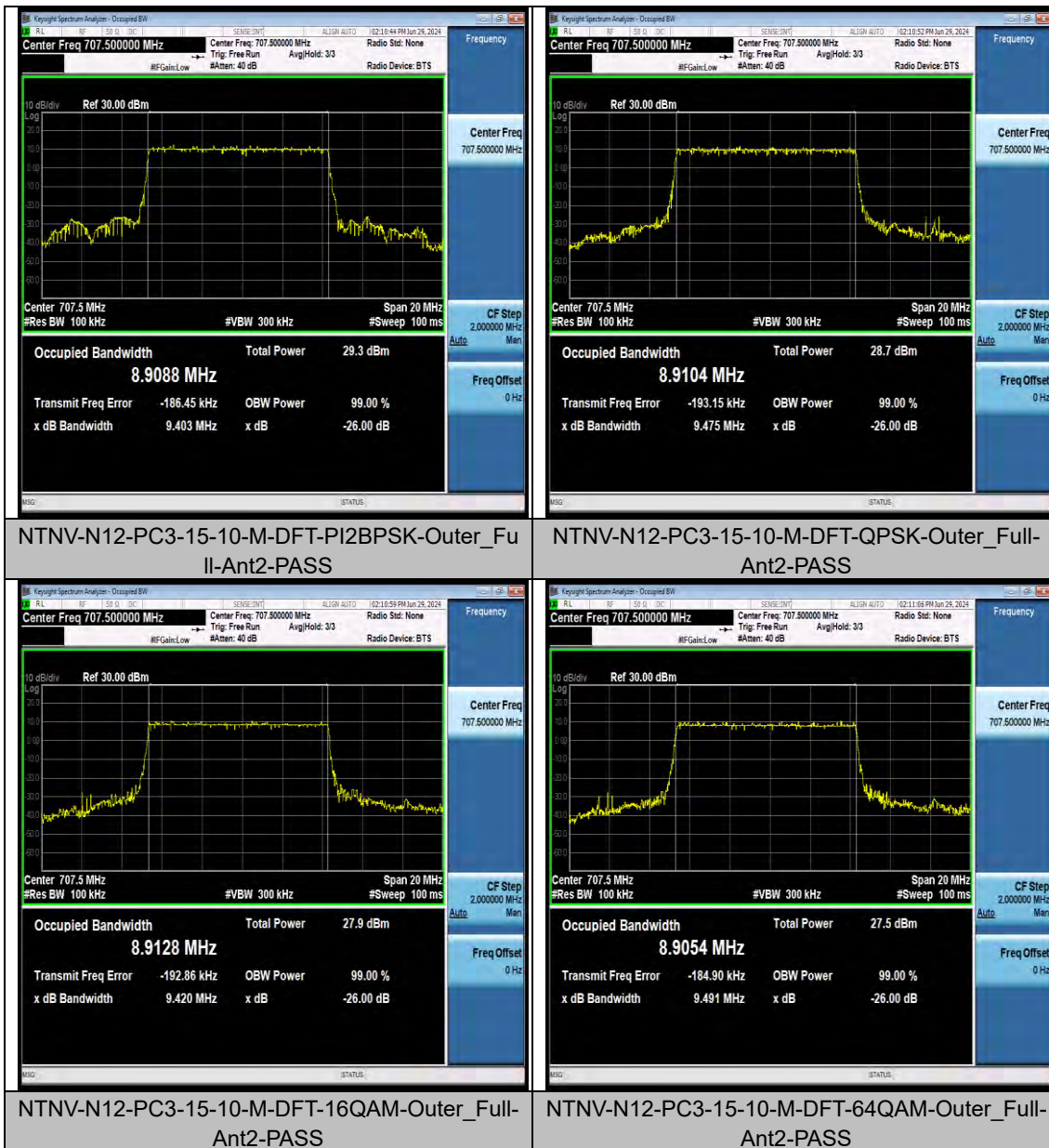
Reference No.: W7L-P24050018RF11



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N12	15	10	DFT-PI2BPSK	M	Outer_Full	8.9088	9.403	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	8.9104	9.475	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	8.9128	9.420	PASS
N12	15	10	DFT-64QAM	M	Outer_Full	8.9054	9.491	PASS
N12	15	10	DFT-256QAM	M	Outer_Full	8.9186	9.440	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	13.390	14.18	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	13.383	14.05	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	13.399	14.14	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	13.383	14.11	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	13.386	14.15	PASS
N12	15	5	DFT-PI2BPSK	M	Outer_Full	4.4709	4.783	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	4.4542	4.843	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	4.4615	4.833	PASS
N12	15	5	DFT-64QAM	M	Outer_Full	4.4655	4.830	PASS
N12	15	5	DFT-256QAM	M	Outer_Full	4.4639	4.825	PASS

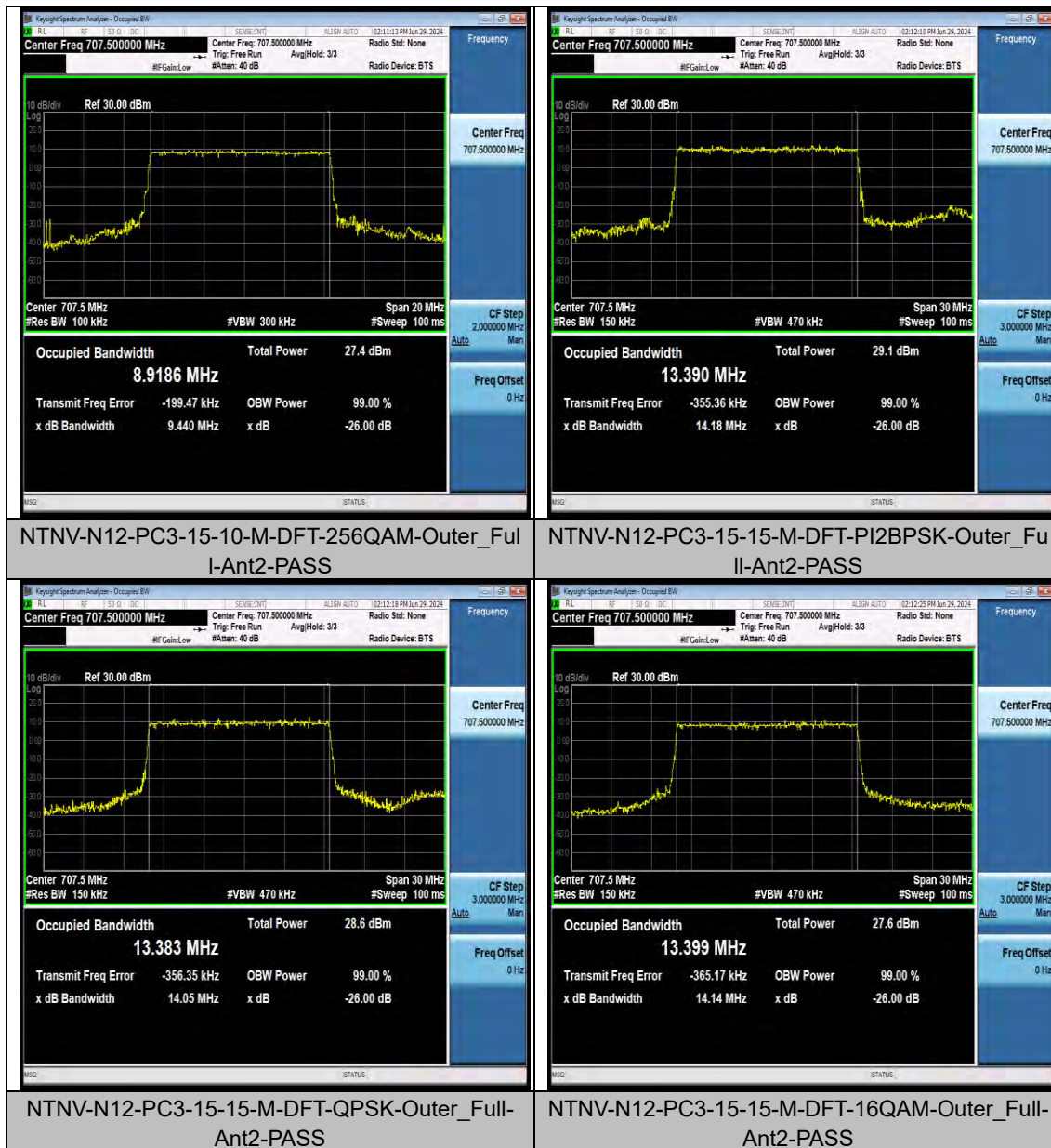
TEST GRAPHS





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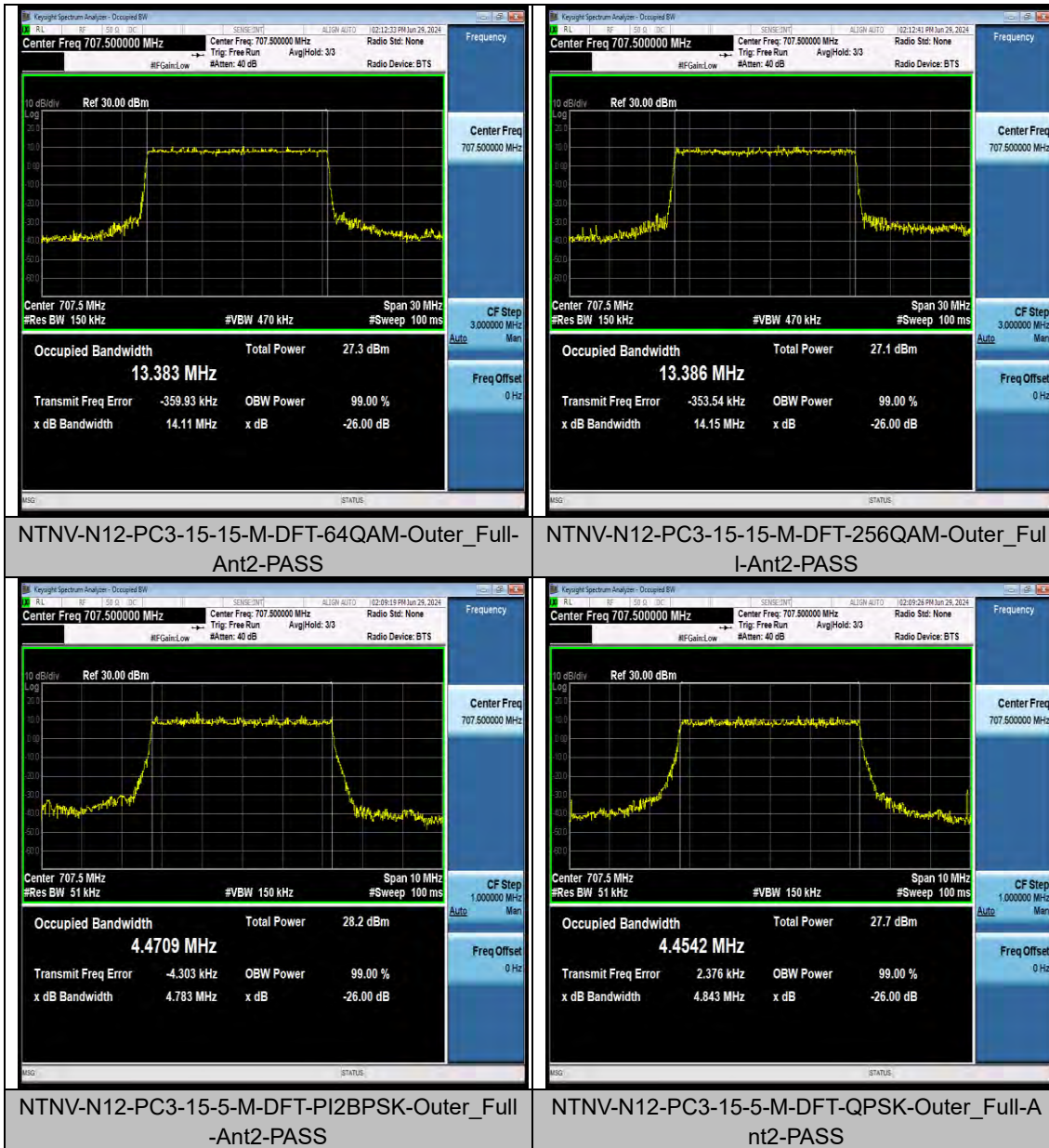
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VERITAS

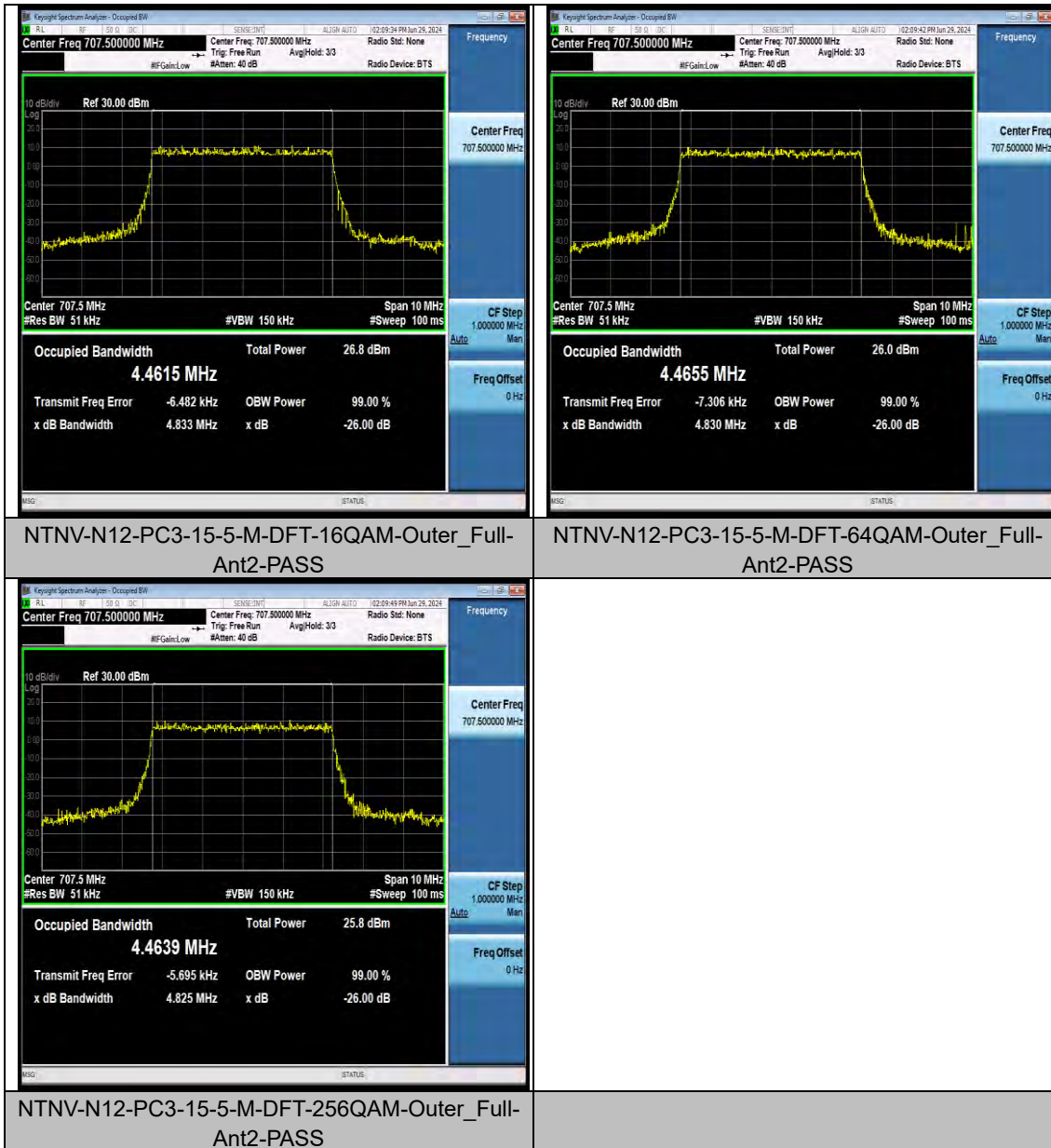
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VERITAS

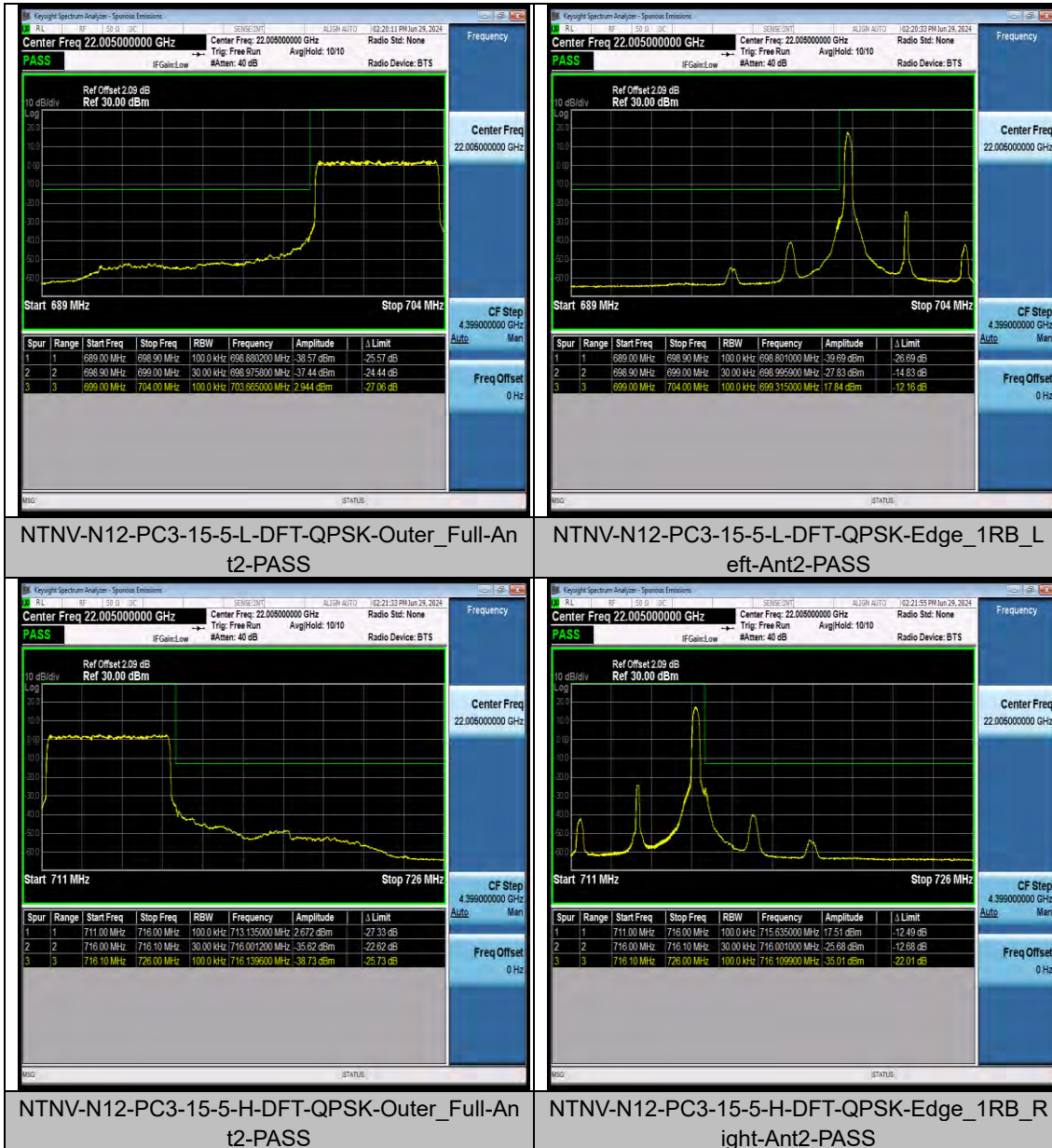
Reference No.: W7L-P24050018RF11



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	-37.44	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	-27.83	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	-35.62	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	-25.68	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	-39.30	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	-30.22	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	-41.21	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	-27.56	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	-39.16	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	-33.16	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	-42.11	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	-30.83	PASS

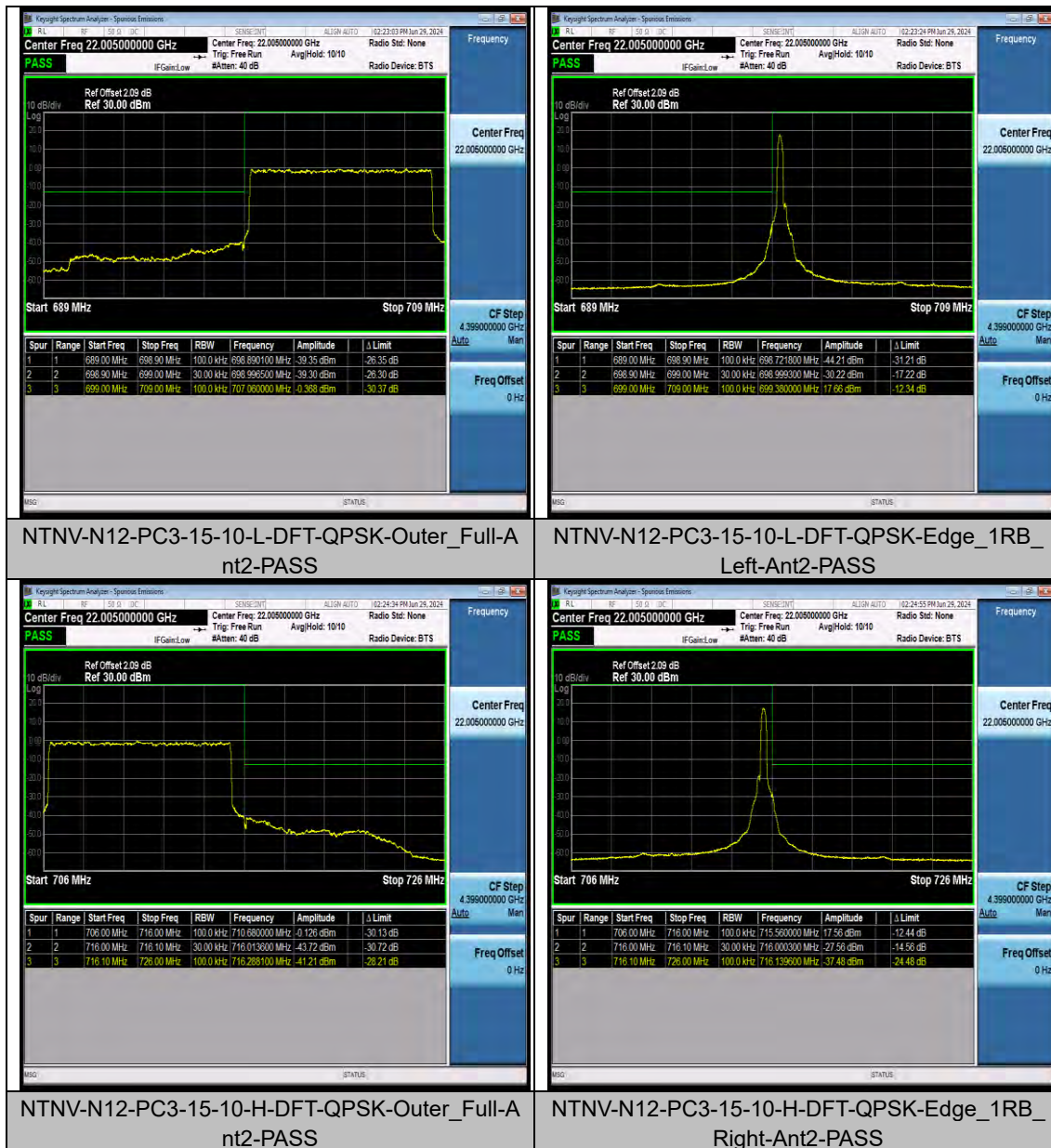
TEST GRAPHS





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VERITAS

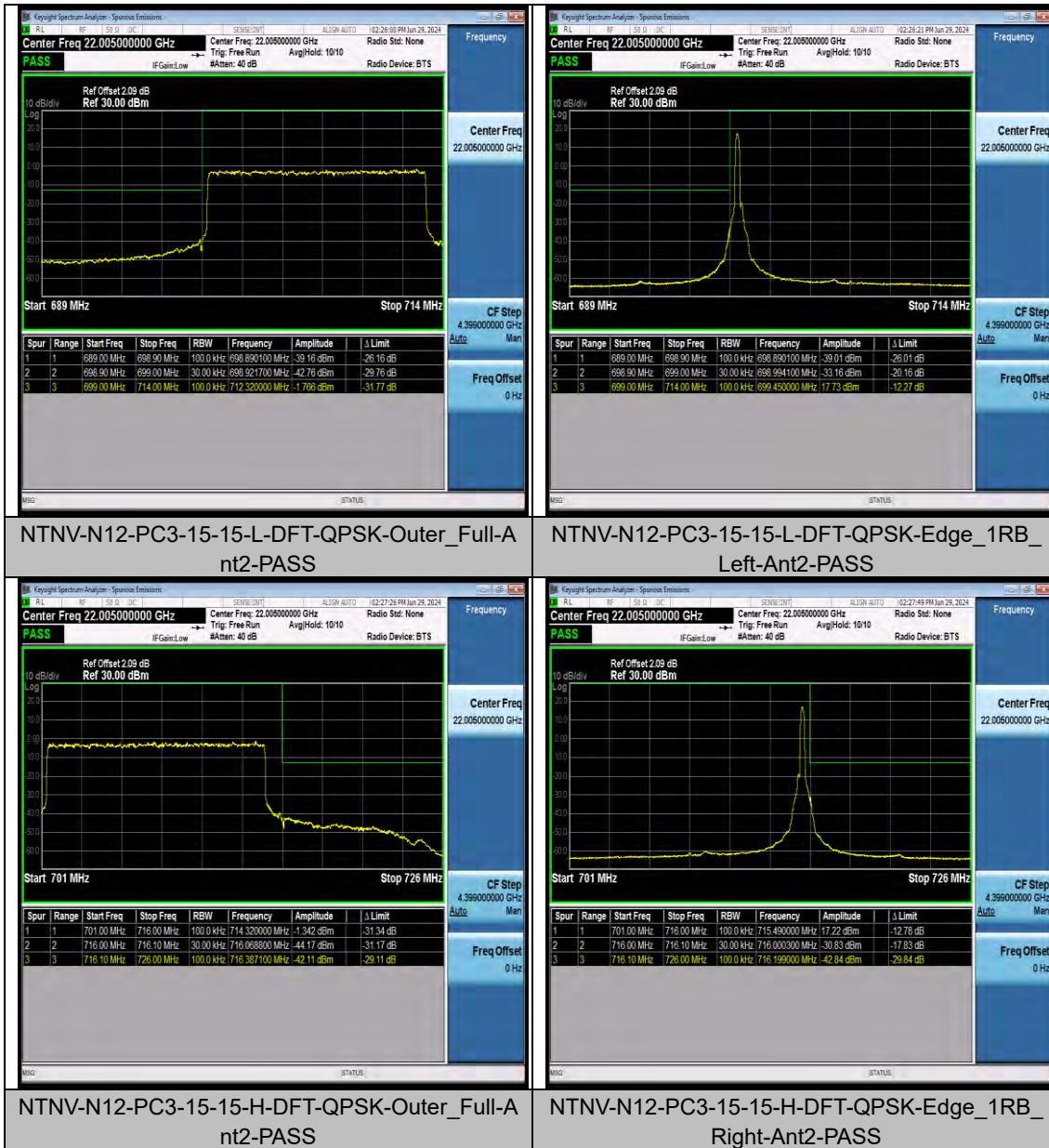
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VERITAS

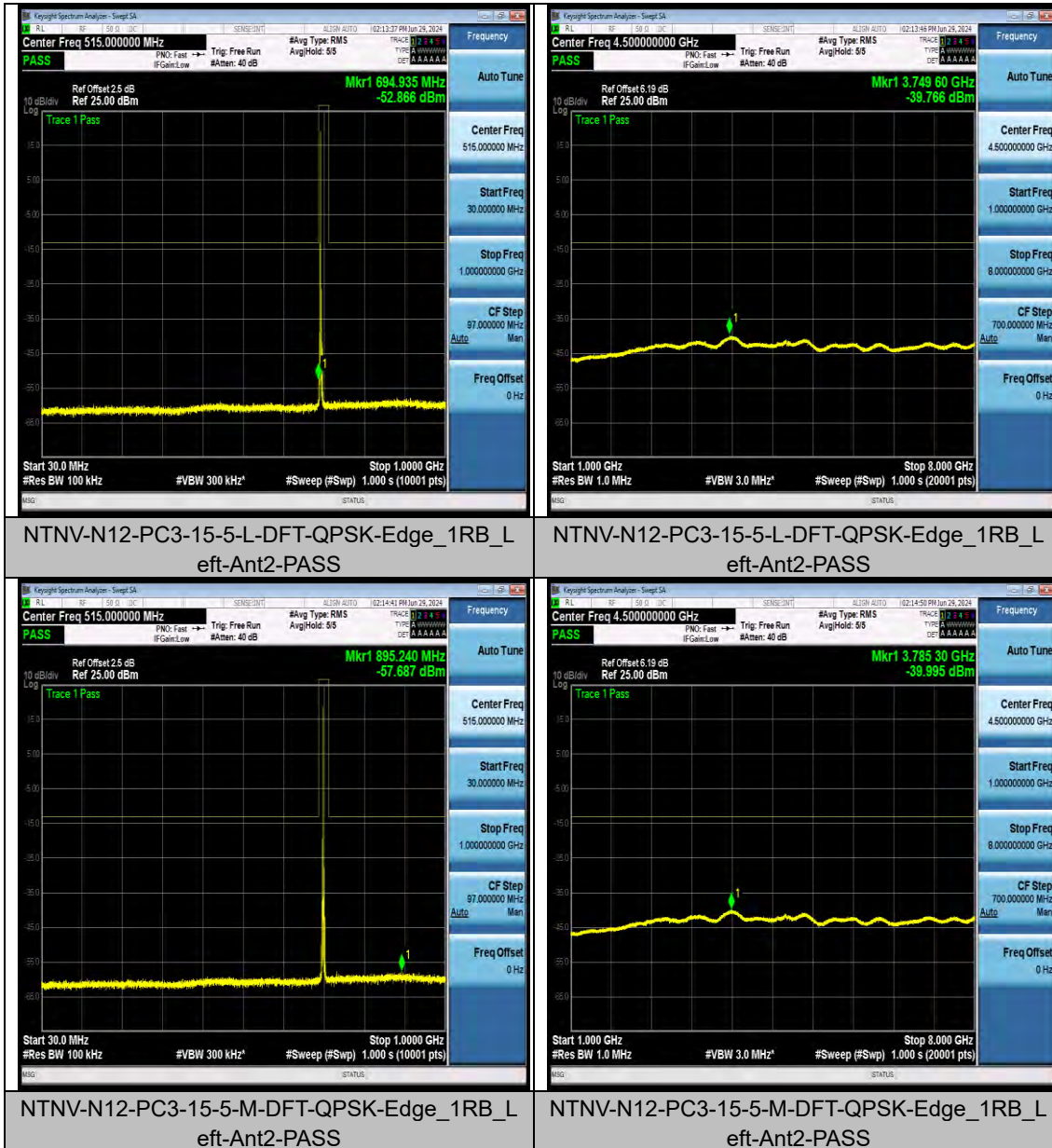
Reference No.: W7L-P24050018RF11



CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-52.87	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	8000	-39.77	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.69	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	8000	-39.99	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-58.07	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	8000	-39.86	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-57.99	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	8000	-39.87	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-57.66	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	8000	-39.89	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-57.91	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	8000	-40.04	-13	PASS

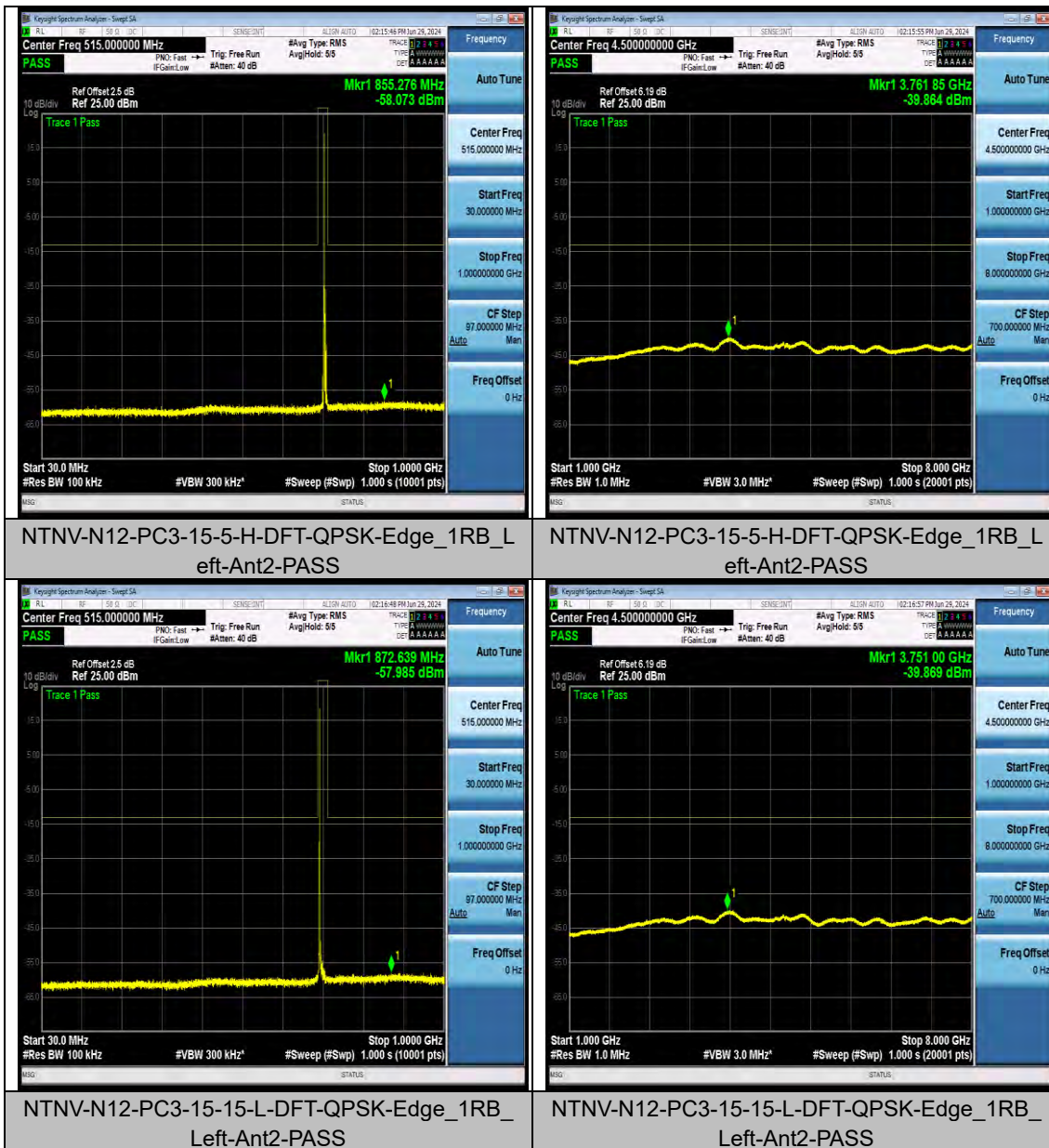
TEST GRAPHS





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VERITAS

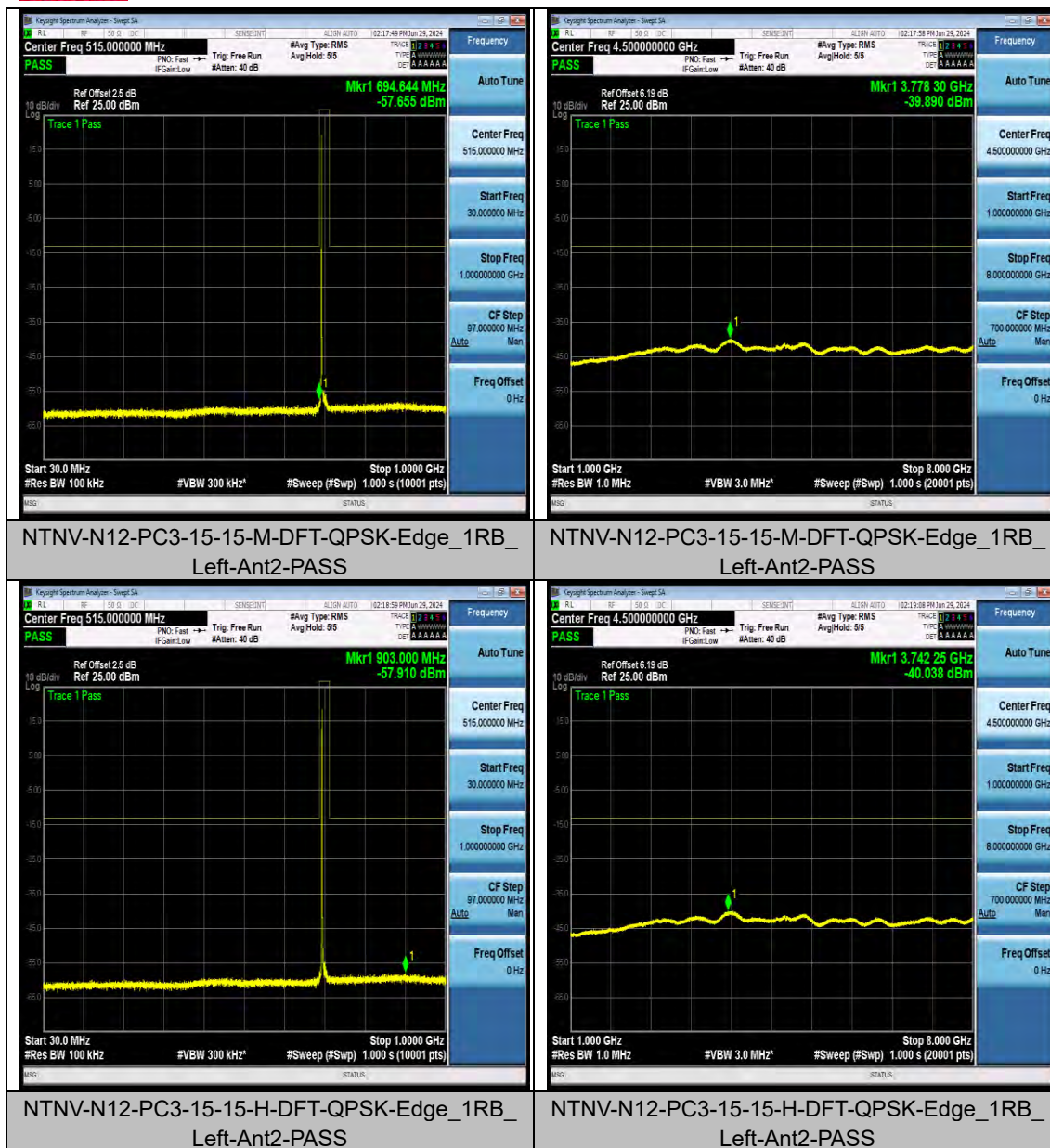
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VERITAS

Reference No.: W7L-P24050018RF11





Reference No.: W7L-P24050018RF11

FREQUENCY STABILITY FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N12	15	15	DFT-QPSK	L	Outer Full	VL	NT	14.000000	0.019816	PASS
N12	15	15	DFT-QPSK	L	Outer Full	VN	NT	3.000000	0.004246	PASS
N12	15	15	DFT-QPSK	L	Outer Full	VH	NT	14.000000	0.019816	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	-30	14.000000	0.019816	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	-20	6.000000	0.008493	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	-10	15.000000	0.021231	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	0	13.000000	0.018401	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	10	5.000000	0.007077	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	20	5.000000	0.007077	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	30	19.000000	0.026893	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	40	7.000000	0.009908	PASS
N12	15	15	DFT-QPSK	L	Outer Full	NV	50	2.000000	0.002831	PASS
N12	15	15	DFT-QPSK	M	Outer Full	VL	NT	1.000000	0.001413	PASS
N12	15	15	DFT-QPSK	M	Outer Full	VN	NT	3.000000	0.004240	PASS
N12	15	15	DFT-QPSK	M	Outer Full	VH	NT	14.000000	0.019788	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	-30	2.000000	0.002827	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	-20	13.000000	0.018375	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	-10	4.000000	0.005654	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	0	15.000000	0.021201	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	10	3.000000	0.004240	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	20	8.000000	0.011307	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	30	16.000000	0.022615	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	40	7.000000	0.009894	PASS
N12	15	15	DFT-QPSK	M	Outer Full	NV	50	18.000000	0.025442	PASS
N12	15	15	DFT-QPSK	H	Outer Full	VL	NT	8.000000	0.011291	PASS
N12	15	15	DFT-QPSK	H	Outer Full	VN	NT	3.000000	0.004234	PASS
N12	15	15	DFT-QPSK	H	Outer Full	VH	NT	14.000000	0.019760	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	-30	9.000000	0.012703	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	-20	19.000000	0.026817	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	-10	18.000000	0.025406	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	0	9.000000	0.012703	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	10	18.000000	0.025406	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	20	19.000000	0.026817	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	30	17.000000	0.023994	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	40	2.000000	0.002823	PASS
N12	15	15	DFT-QPSK	H	Outer Full	NV	50	8.000000	0.011291	PASS

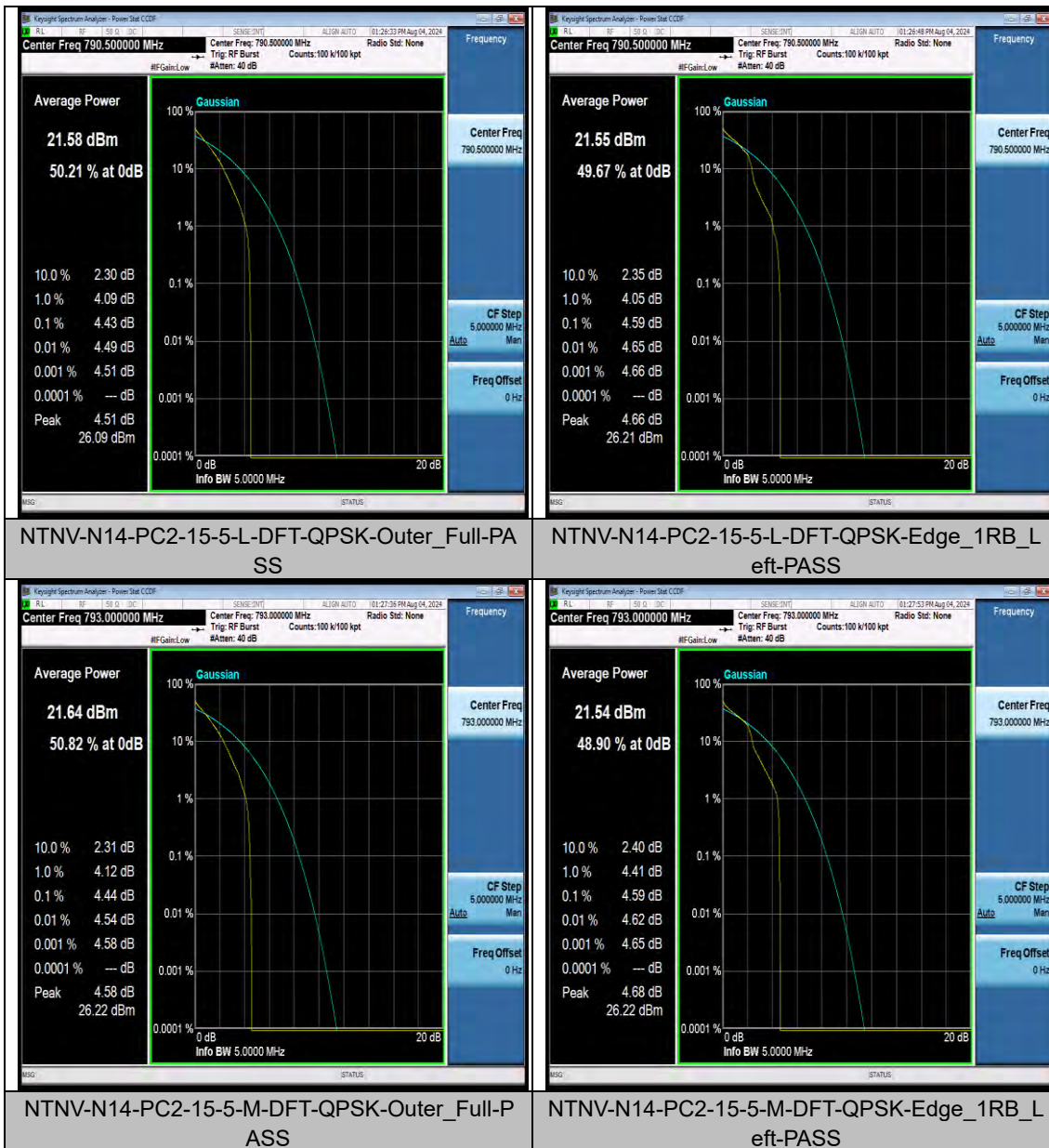
N14

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

TEST RESULT

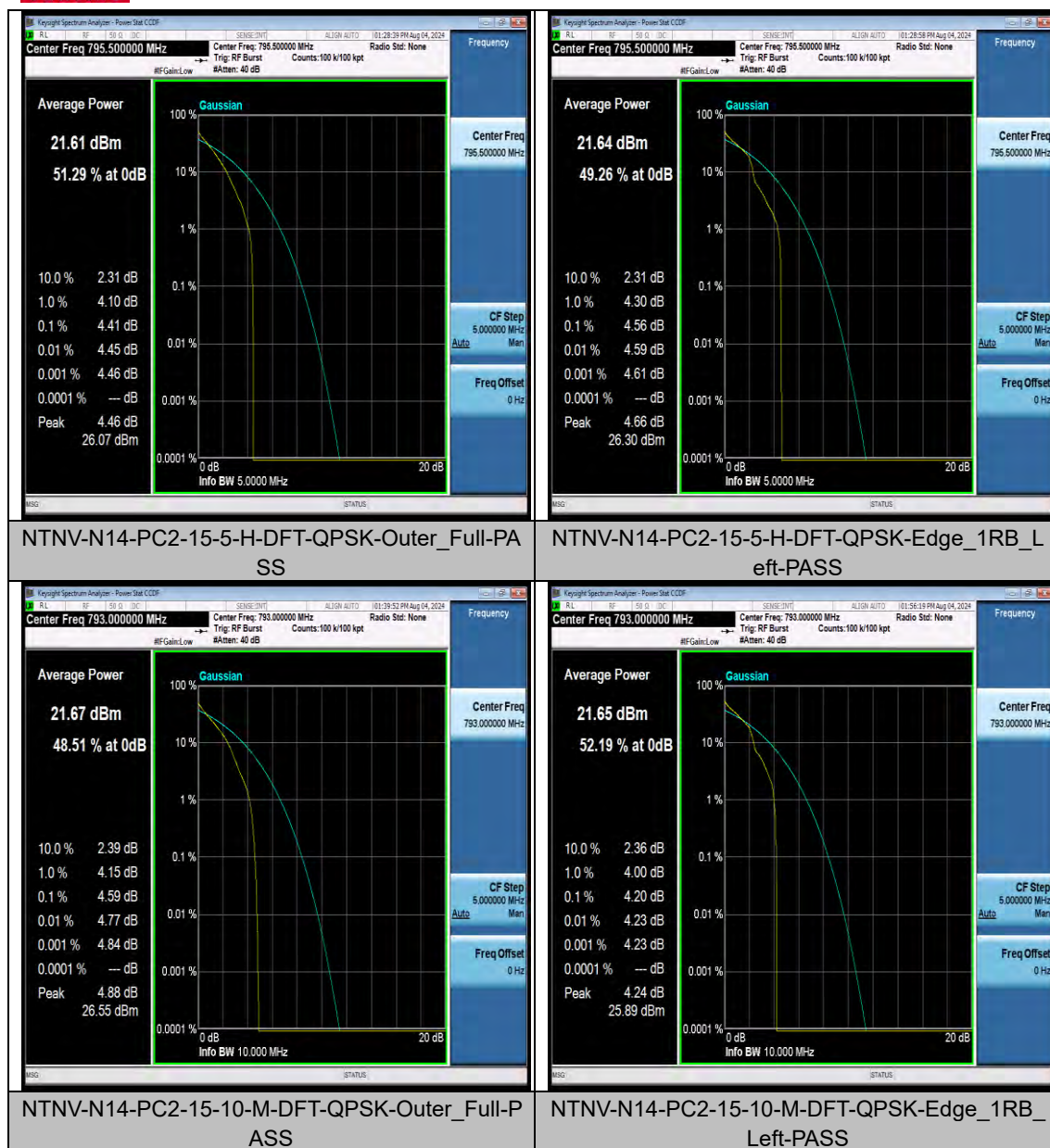
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N14	15	5	DFT-QPSK	L	Outer_Full	4.43	≤13	PASS
N14	15	5	DFT-QPSK	L	Edge_1RB_Left	4.59	≤13	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	4.44	≤13	PASS
N14	15	5	DFT-QPSK	M	Edge_1RB_Left	4.59	≤13	PASS
N14	15	5	DFT-QPSK	H	Outer_Full	4.41	≤13	PASS
N14	15	5	DFT-QPSK	H	Edge_1RB_Left	4.56	≤13	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	4.59	≤13	PASS
N14	15	10	DFT-QPSK	M	Edge_1RB_Left	4.20	≤13	PASS

TEST GRAPHS





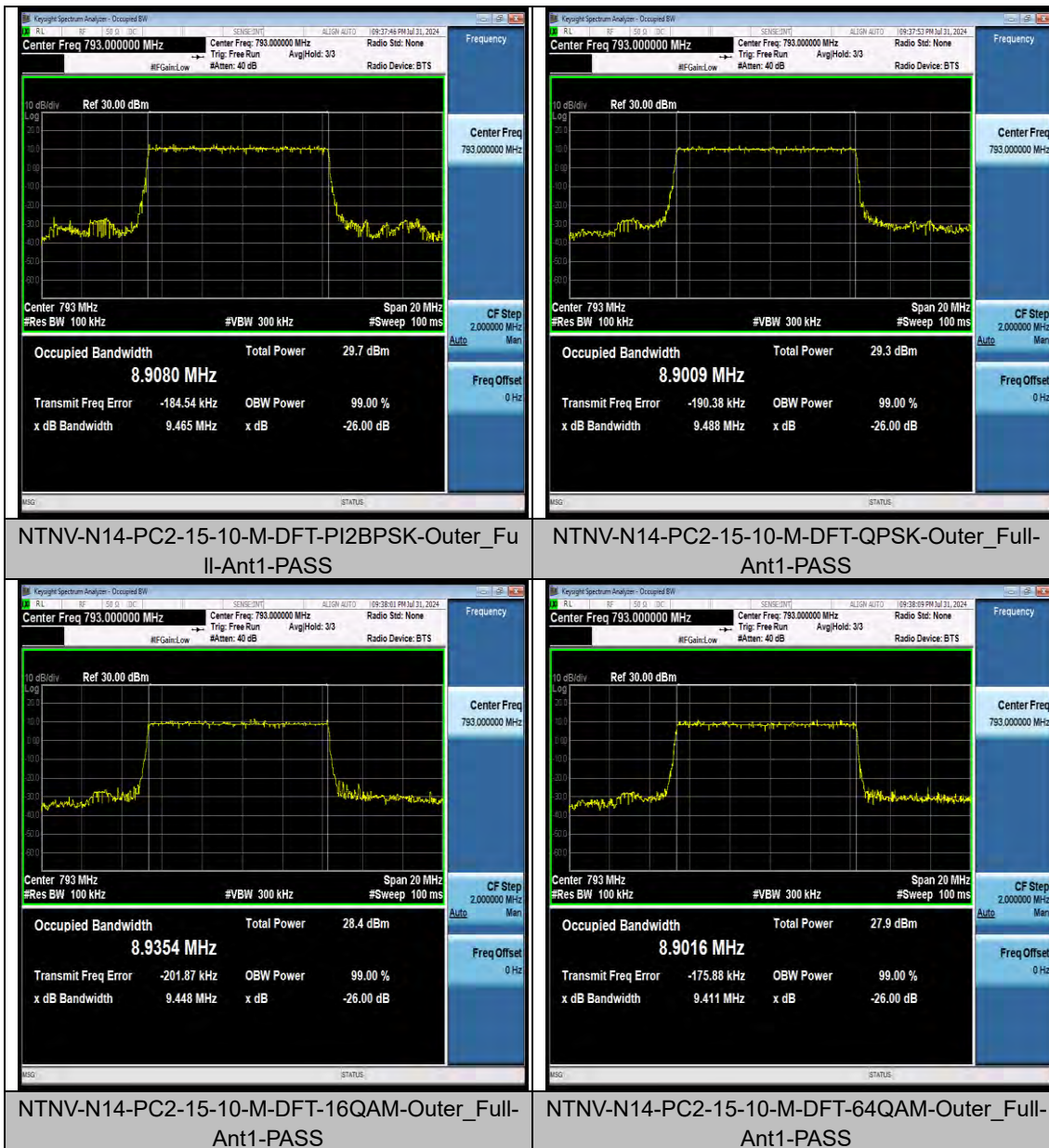
Reference No.: W7L-P24050018RF11



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	8.9080	9.465	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	8.9009	9.488	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	8.9354	9.448	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	8.9016	9.411	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	8.9040	9.381	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	4.4643	4.744	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	4.4584	4.808	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	4.4505	4.822	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	4.4754	4.854	PASS
N14	15	5	DFT-256QAM	M	Outer_Full	4.4691	4.832	PASS

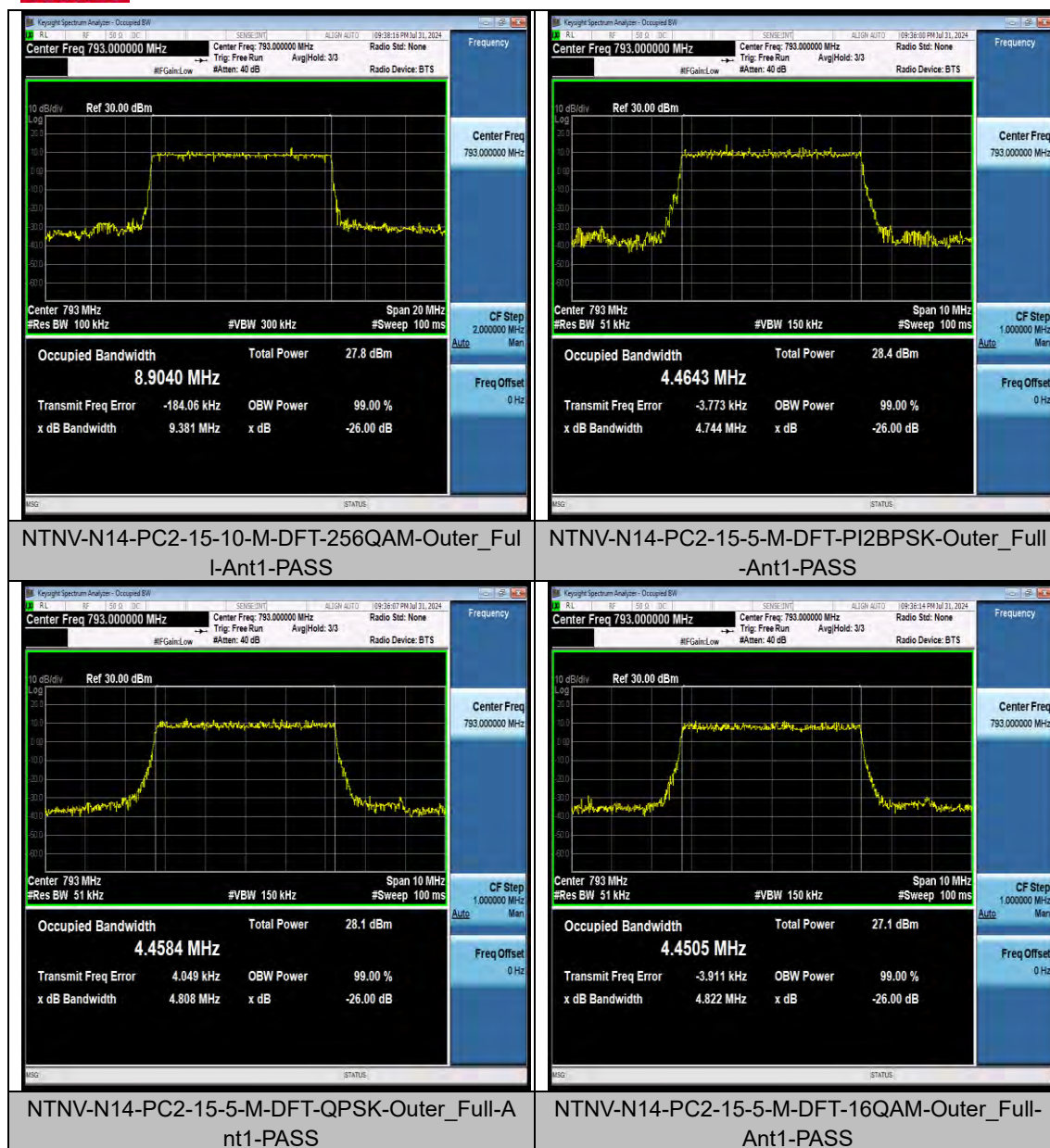
TEST GRAPHS





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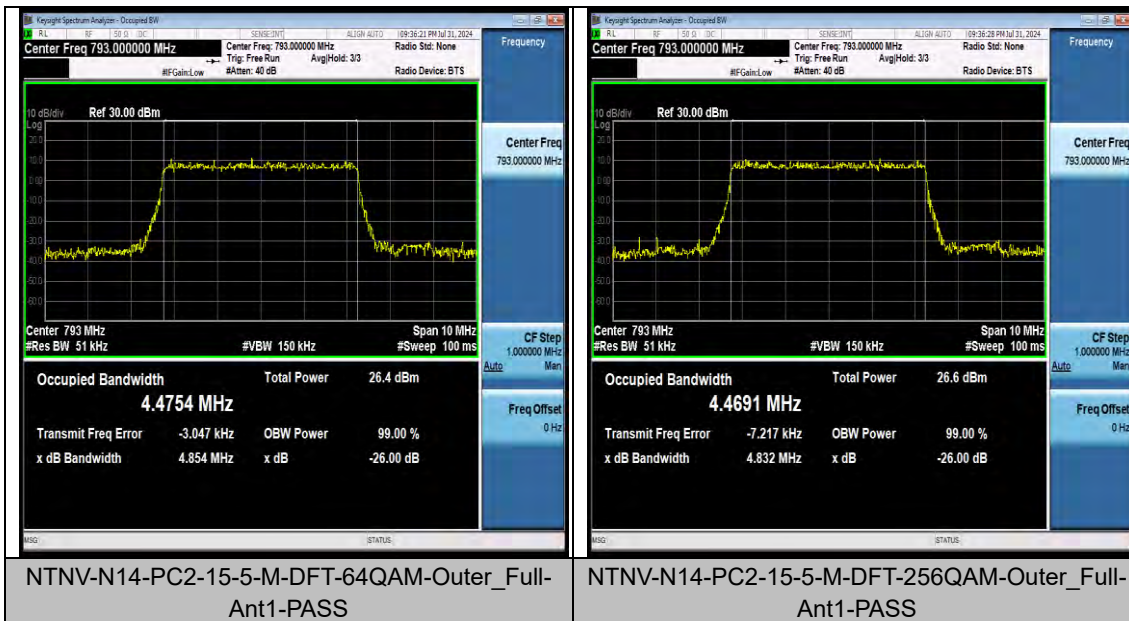
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VERITAS

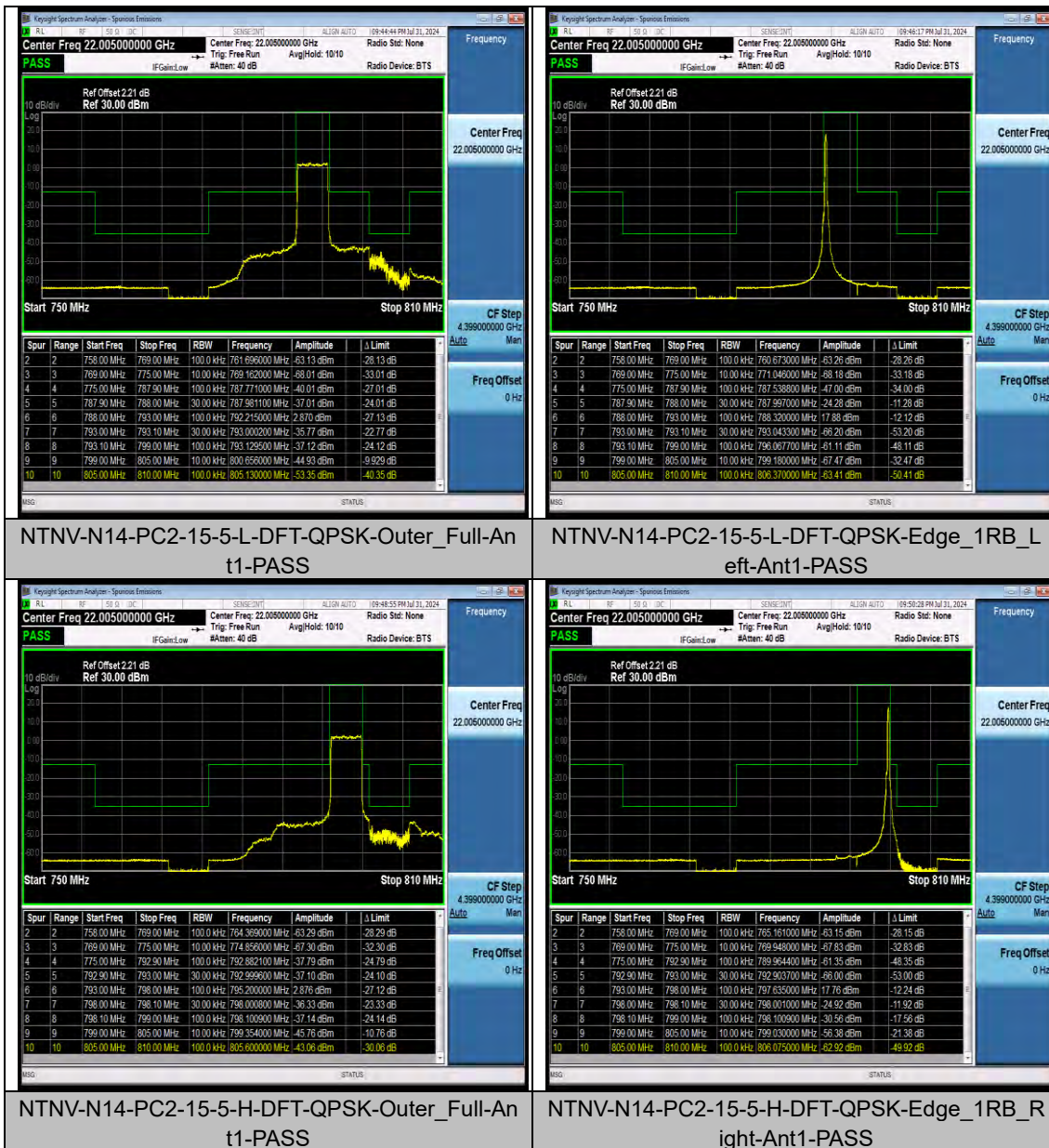
Reference No.: W7L-P24050018RF11



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N14	15	5	DFT-QPSK	L	Outer Full	-44.93	PASS
N14	15	5	DFT-QPSK	L	Edge 1RB Left	-24.28	PASS
N14	15	5	DFT-QPSK	H	Outer Full	-45.76	PASS
N14	15	5	DFT-QPSK	H	Edge 1RB Right	-24.92	PASS
N14	15	10	DFT-QPSK	M	Outer Full	-45.06	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Left	-26.55	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Right	-26.91	PASS

TEST GRAPHS



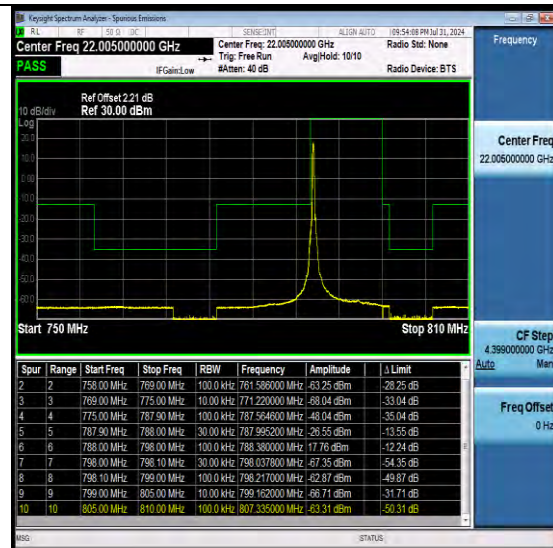


BUREAU
VERITAS

Reference No.: W7L-P24050018RF11



NTNV-N14-PC2-15-10-M-DFT-QPSK-Outter_Full-Ant1-PASS



NTNV-N14-PC2-15-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N14-PC2-15-10-M-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

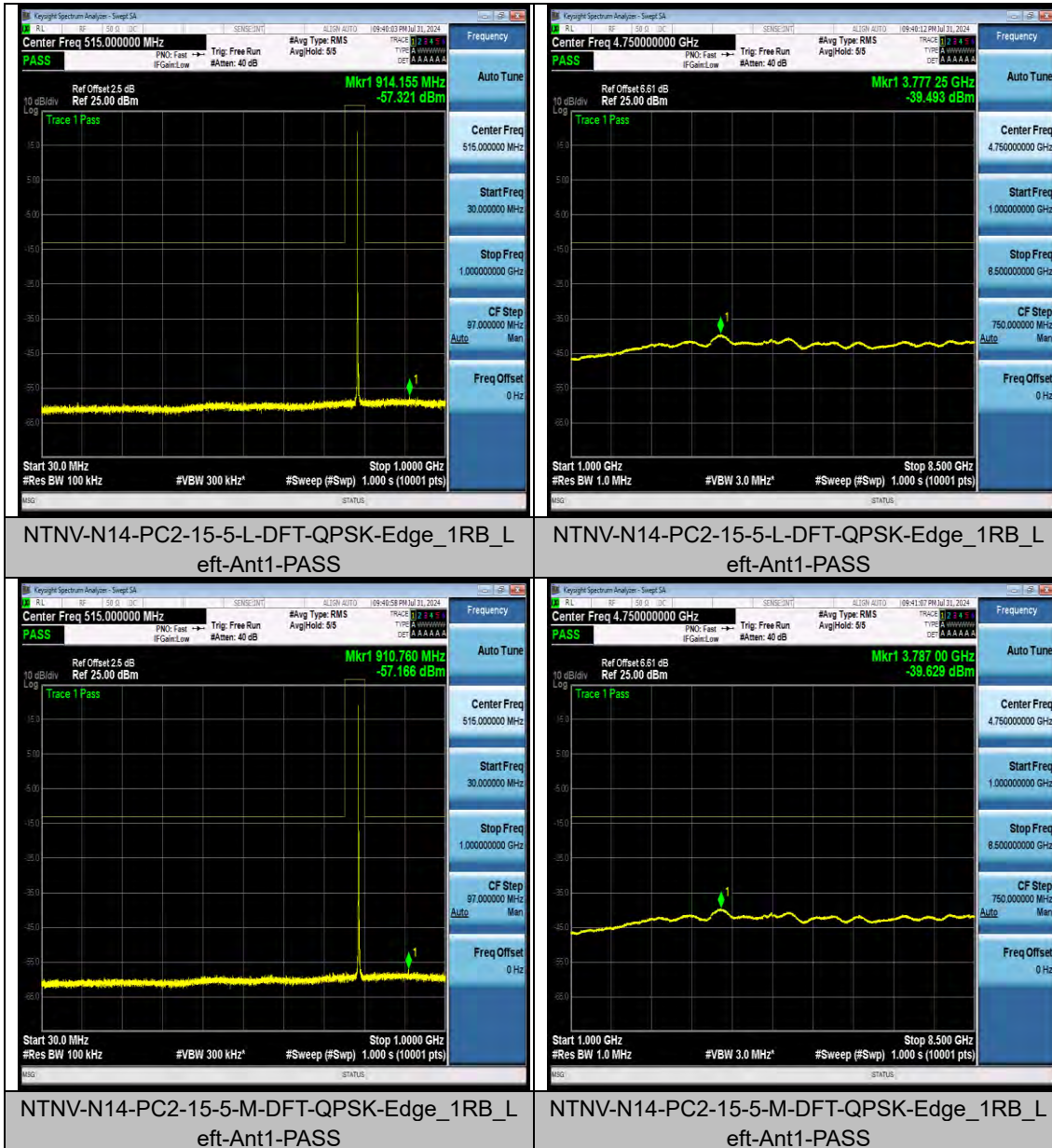


Reference No.: W7L-P24050018RF11

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	-57.32	-13	PASS
N14	15	5	DFT-QPSK	L	Edge 1RB Left	1000	8500	-39.49	-13	PASS
N14	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.17	-13	PASS
N14	15	5	DFT-QPSK	M	Edge 1RB Left	1000	8500	-39.63	-13	PASS
N14	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.66	-13	PASS
N14	15	5	DFT-QPSK	H	Edge 1RB Left	1000	8500	-39.58	-13	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.52	-13	PASS
N14	15	10	DFT-QPSK	M	Edge 1RB Left	1000	8500	-39.64	-13	PASS

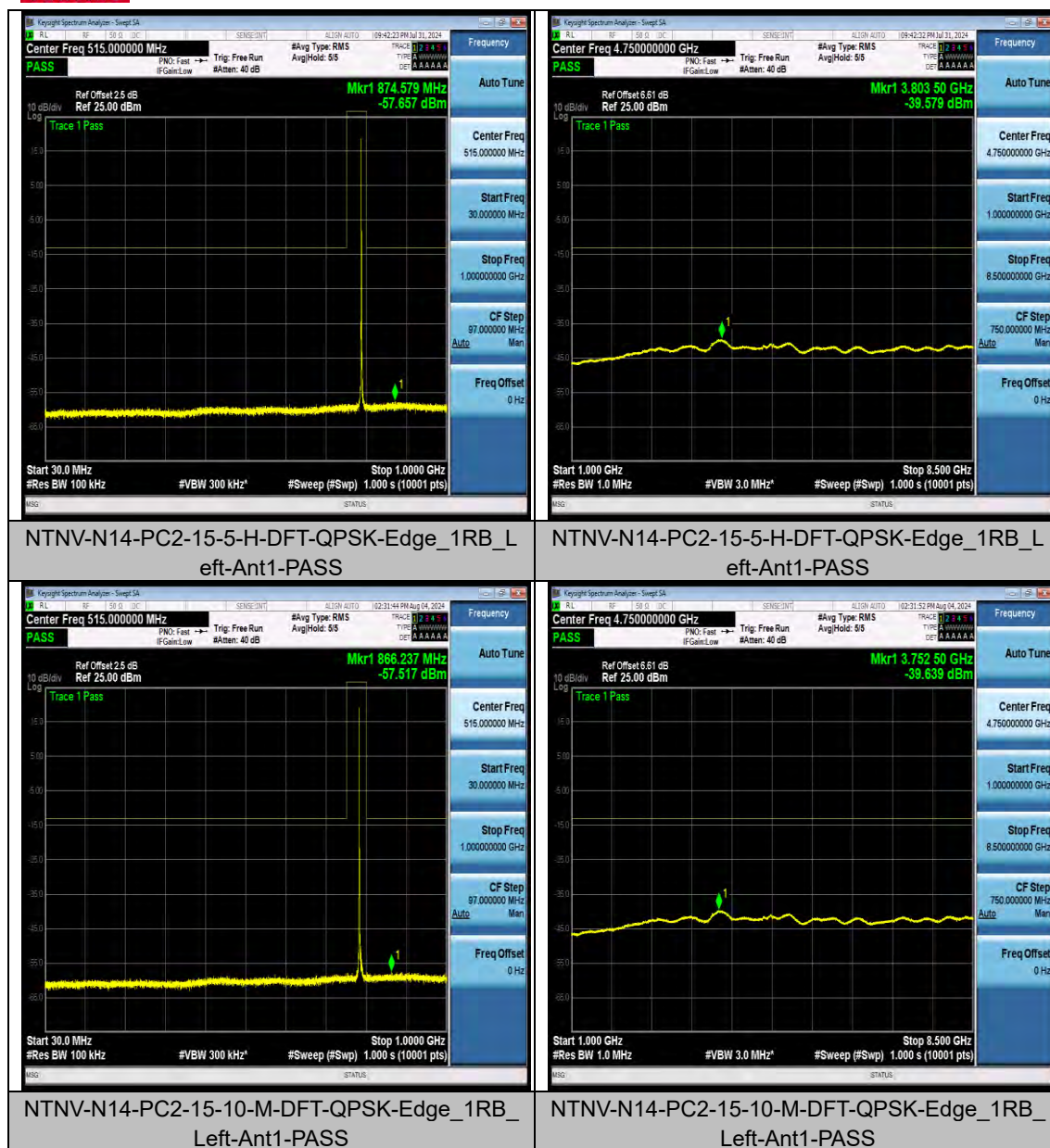
TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24050018RF11



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	0.471000	0.000594	PASS
N14	15	10	DFT-QPSK	M	Outer Full	VN	NT	0.191000	0.000241	PASS
N14	15	10	DFT-QPSK	M	Outer Full	VH	NT	0.023000	0.000029	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	-30	0.583000	0.000735	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	-20	0.742000	0.000936	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	-10	0.318000	0.000401	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	0	0.591000	0.000745	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	10	-0.700000	-0.000883	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	20	-0.478000	-0.000603	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	30	0.983000	0.001240	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	40	-0.279000	-0.000352	PASS
N14	15	10	DFT-QPSK	M	Outer Full	NV	50	0.821000	0.001035	PASS