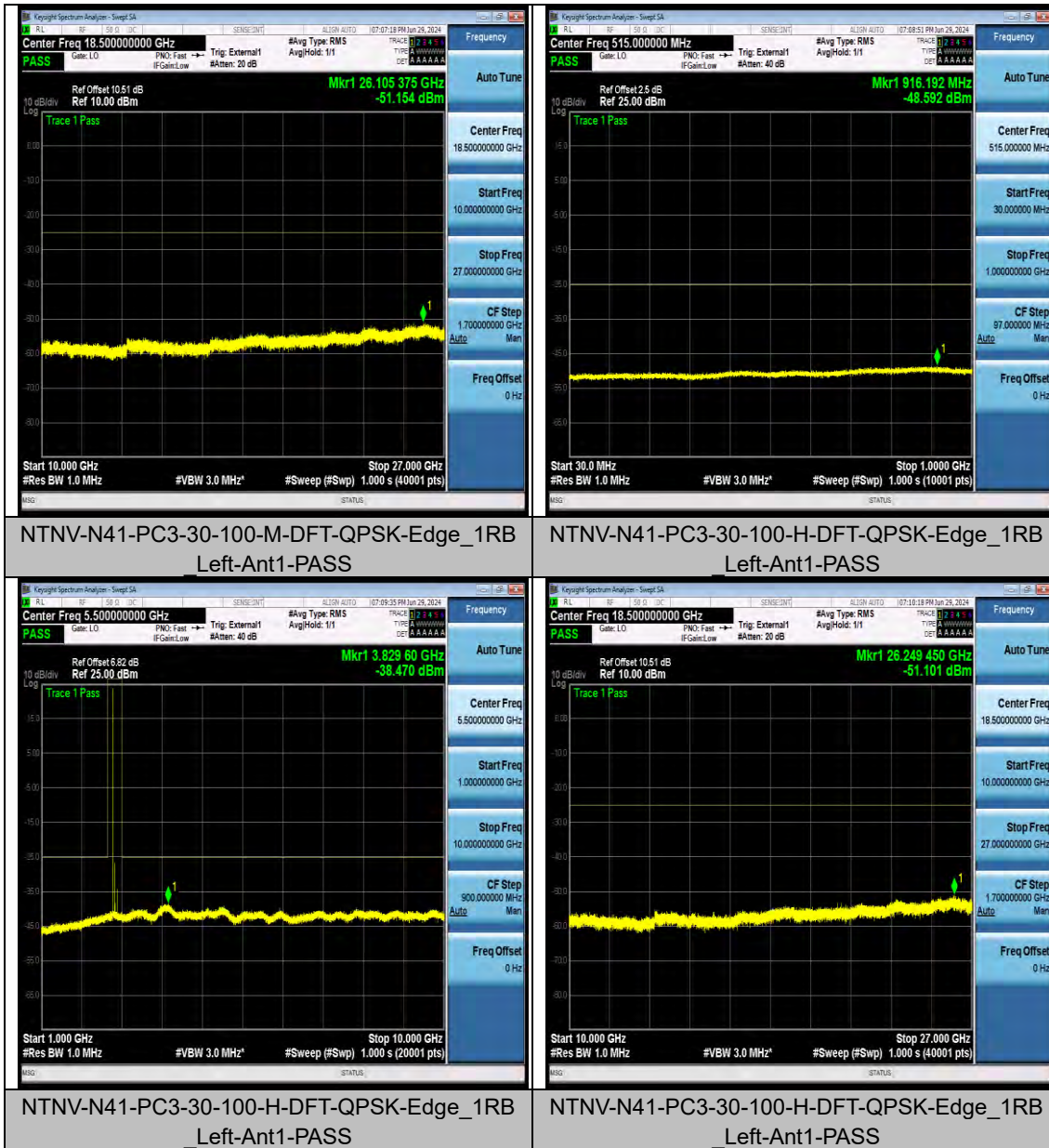




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VERITAS

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
N41	30	20	DFT-QPSK	L	Outer Full	VL	NT	5.000000	0.001994	PASS
N41	30	20	DFT-QPSK	L	Outer Full	VN	NT	17.000000	0.006784	PASS
N41	30	20	DFT-QPSK	L	Outer Full	VH	NT	15.000000	0.005986	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	-30	7.000000	0.002793	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	-20	10.000000	0.003989	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	-10	2.000000	0.000798	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	0	12.000000	0.004788	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	10	16.000000	0.006385	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	20	8.000000	0.003192	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	30	8.000000	0.003192	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	40	6.000000	0.002394	PASS
N41	30	20	DFT-QPSK	L	Outer Full	NV	50	10.000000	0.003989	PASS
N41	30	20	DFT-QPSK	M	Outer Full	VL	NT	16.000000	0.006170	PASS
N41	30	20	DFT-QPSK	M	Outer Full	VN	NT	15.000000	0.005785	PASS
N41	30	20	DFT-QPSK	M	Outer Full	VH	NT	6.000000	0.002314	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	-30	17.000000	0.006556	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	-20	8.000000	0.003085	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	-10	19.000000	0.007327	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	0	19.000000	0.007327	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	10	10.000000	0.003857	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	20	2.000000	0.000771	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	30	12.000000	0.004628	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	40	4.000000	0.001543	PASS
N41	30	20	DFT-QPSK	M	Outer Full	NV	50	4.000000	0.001543	PASS
N41	30	20	DFT-QPSK	H	Outer Full	VL	NT	5.000000	0.001866	PASS
N41	30	20	DFT-QPSK	H	Outer Full	VN	NT	3.000000	0.001119	PASS
N41	30	20	DFT-QPSK	H	Outer Full	VH	NT	14.000000	0.005224	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	-30	12.000000	0.004478	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	-20	12.000000	0.004478	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	-10	18.000000	0.006716	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	0	6.000000	0.002239	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	10	17.000000	0.006343	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	20	8.000000	0.002985	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	30	19.000000	0.007090	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	40	7.000000	0.002612	PASS
N41	30	20	DFT-QPSK	H	Outer Full	NV	50	14.000000	0.005224	PASS



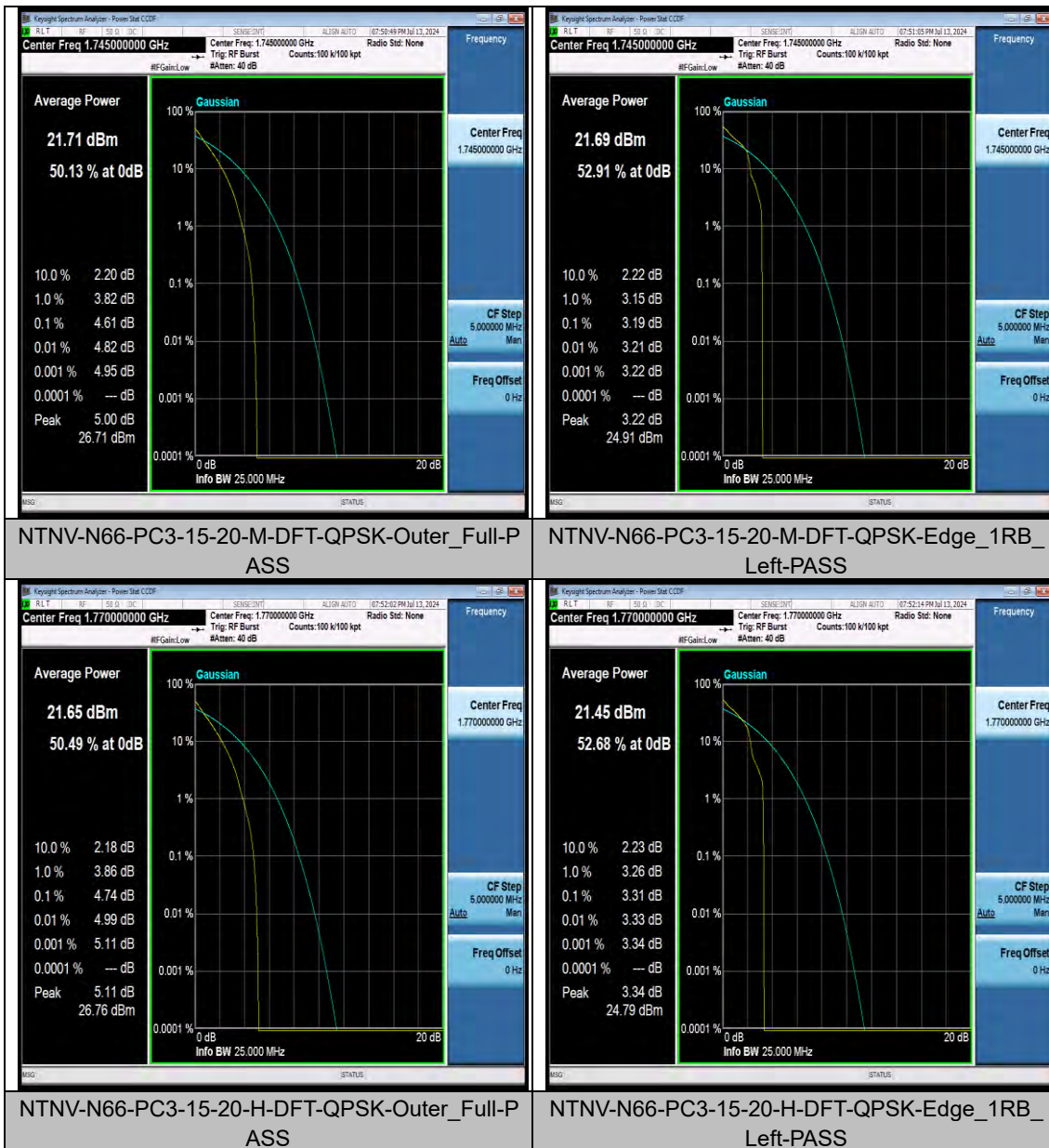
Reference No.: W7L-P24050018RF11

N66 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	20	DFT-QPSK	M	Outer_Full	4.61	≤13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	3.19	≤13	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	4.74	≤13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	3.31	≤13	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	4.72	≤13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	3.50	≤13	PASS

TEST GRAPHS





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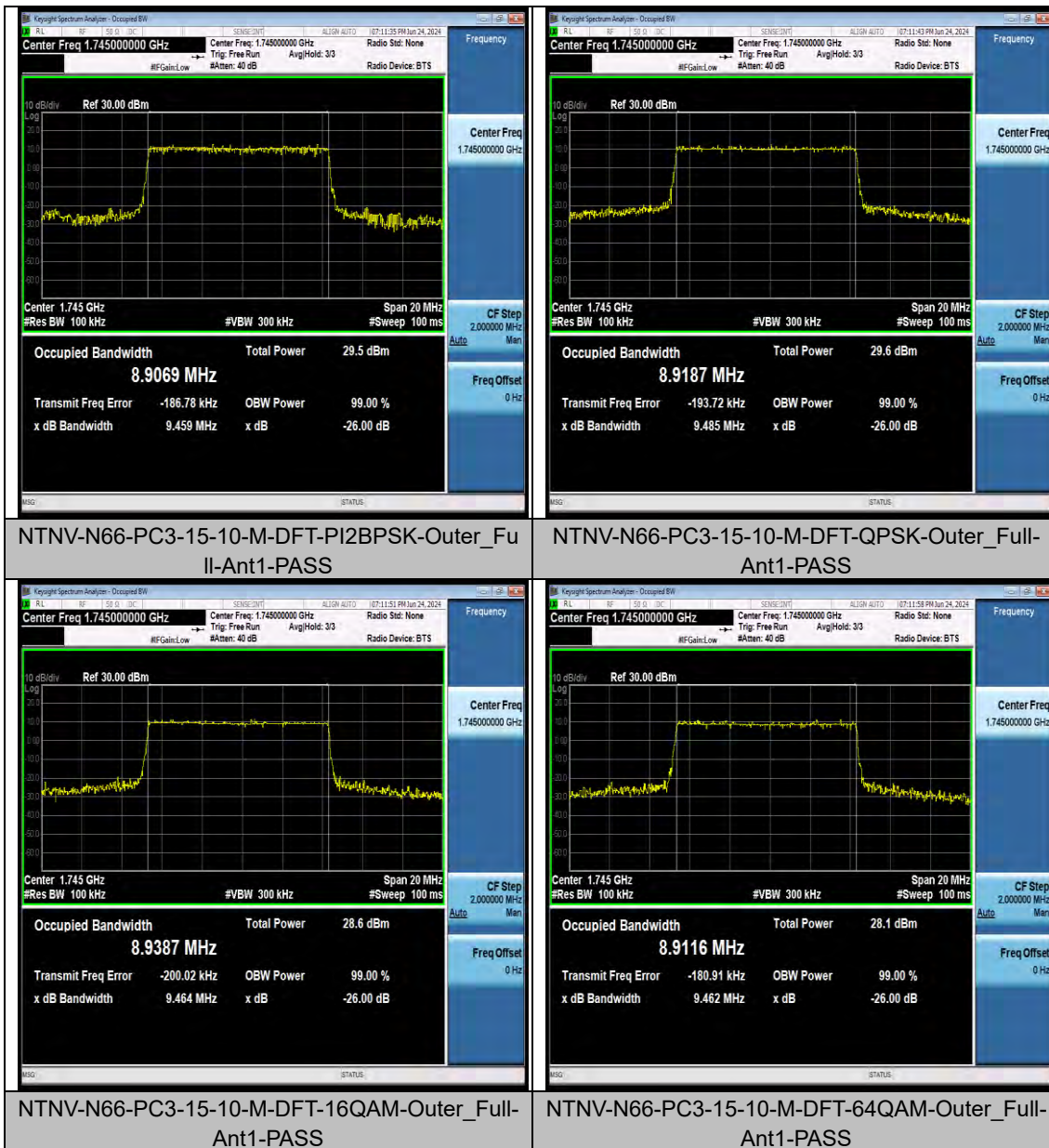
Reference No.: W7L-P24050018RF11



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.9069	9.459	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.9187	9.485	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.9387	9.464	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.9116	9.462	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.9124	9.384	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.407	14.10	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.390	14.11	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.397	14.16	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.406	14.20	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.398	14.20	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.856	18.65	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.898	18.70	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.925	18.62	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.862	18.70	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.884	18.63	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.549	29.65	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.560	29.61	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.538	29.56	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.592	29.68	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.585	29.44	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.540	39.96	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.556	39.92	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.447	39.82	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.615	39.94	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.507	39.90	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.4779	4.808	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.4578	4.883	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.4571	4.840	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.4704	4.828	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.4725	4.806	PASS

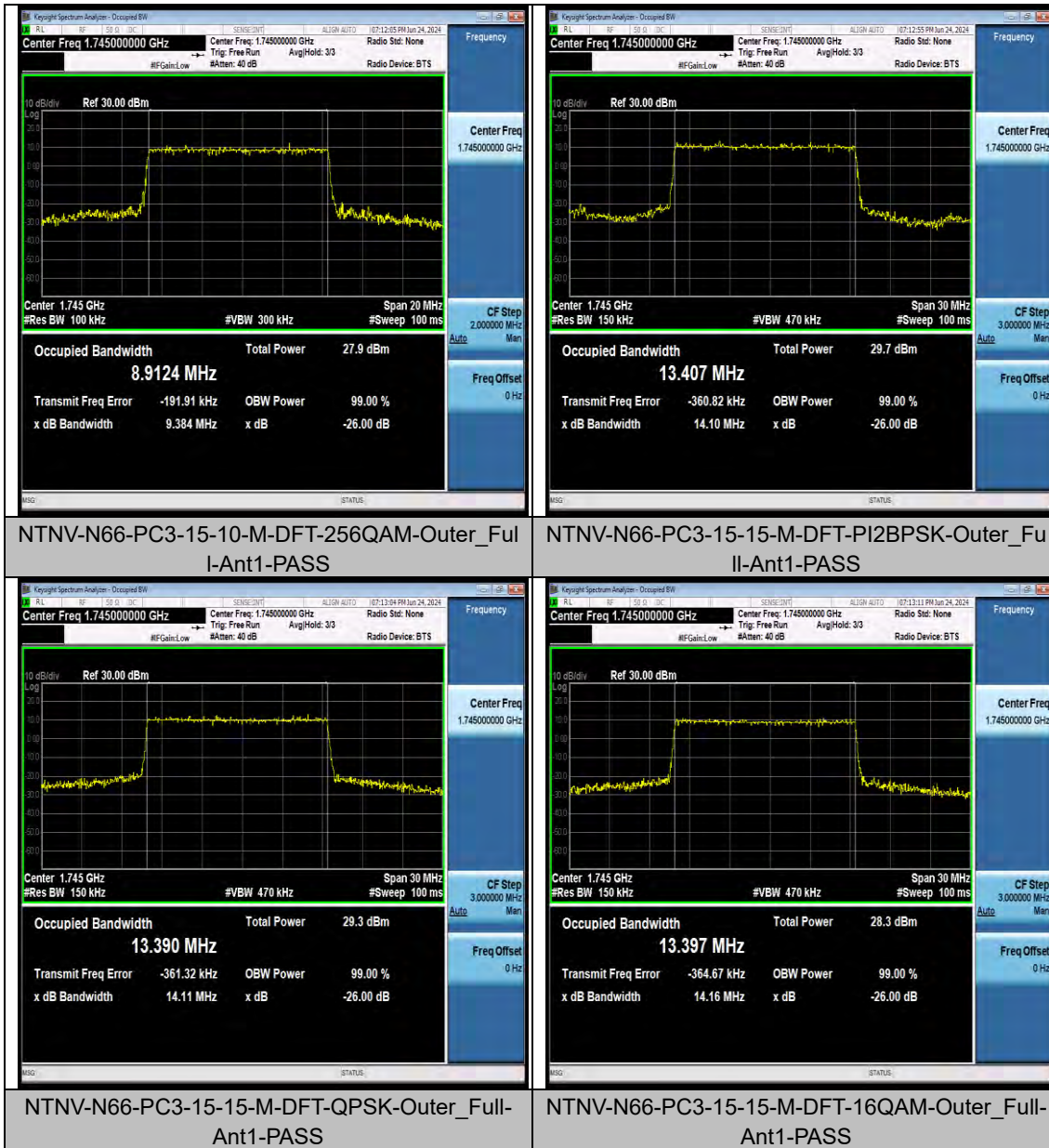
TEST GRAPHS





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VERITAS

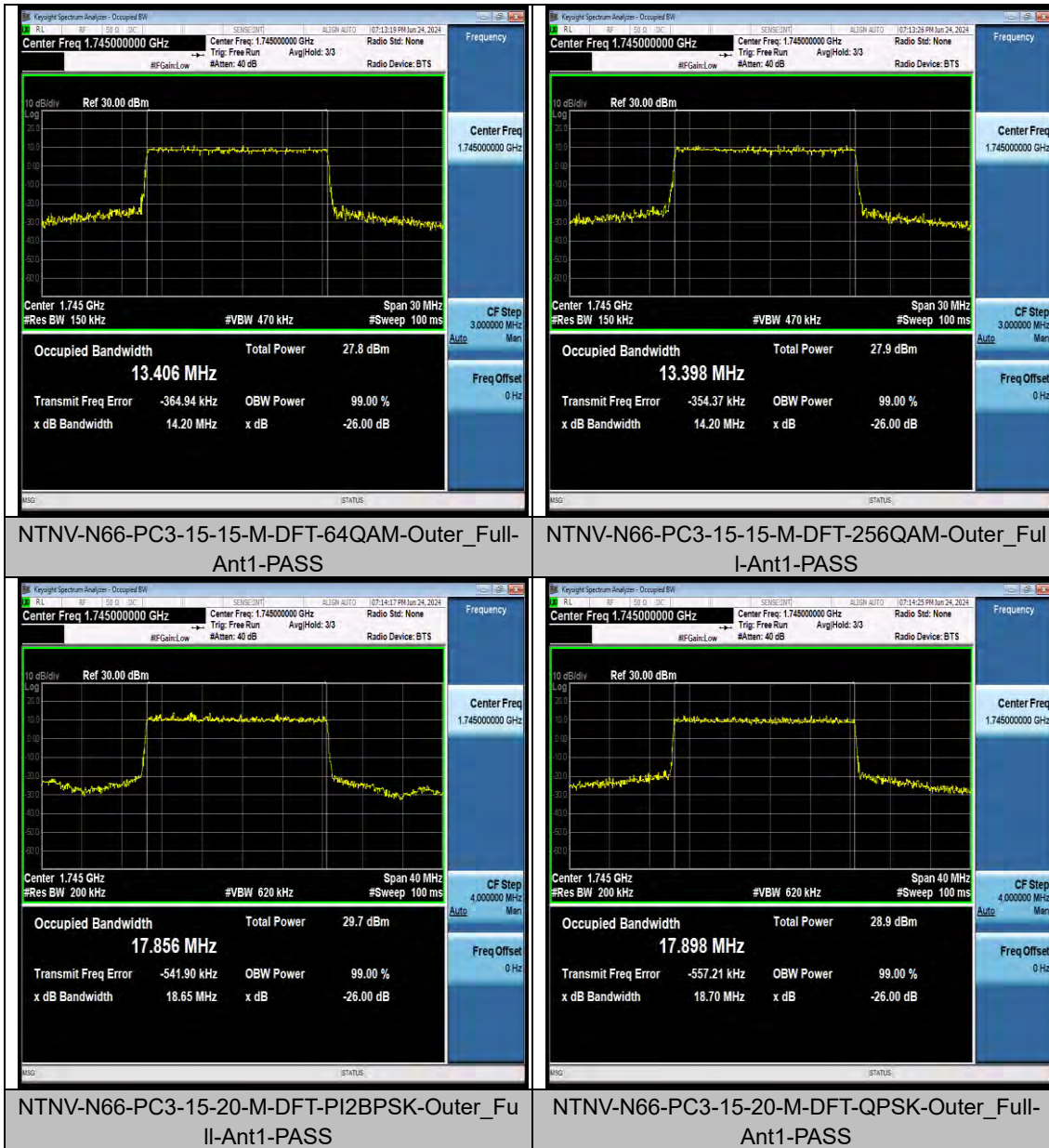
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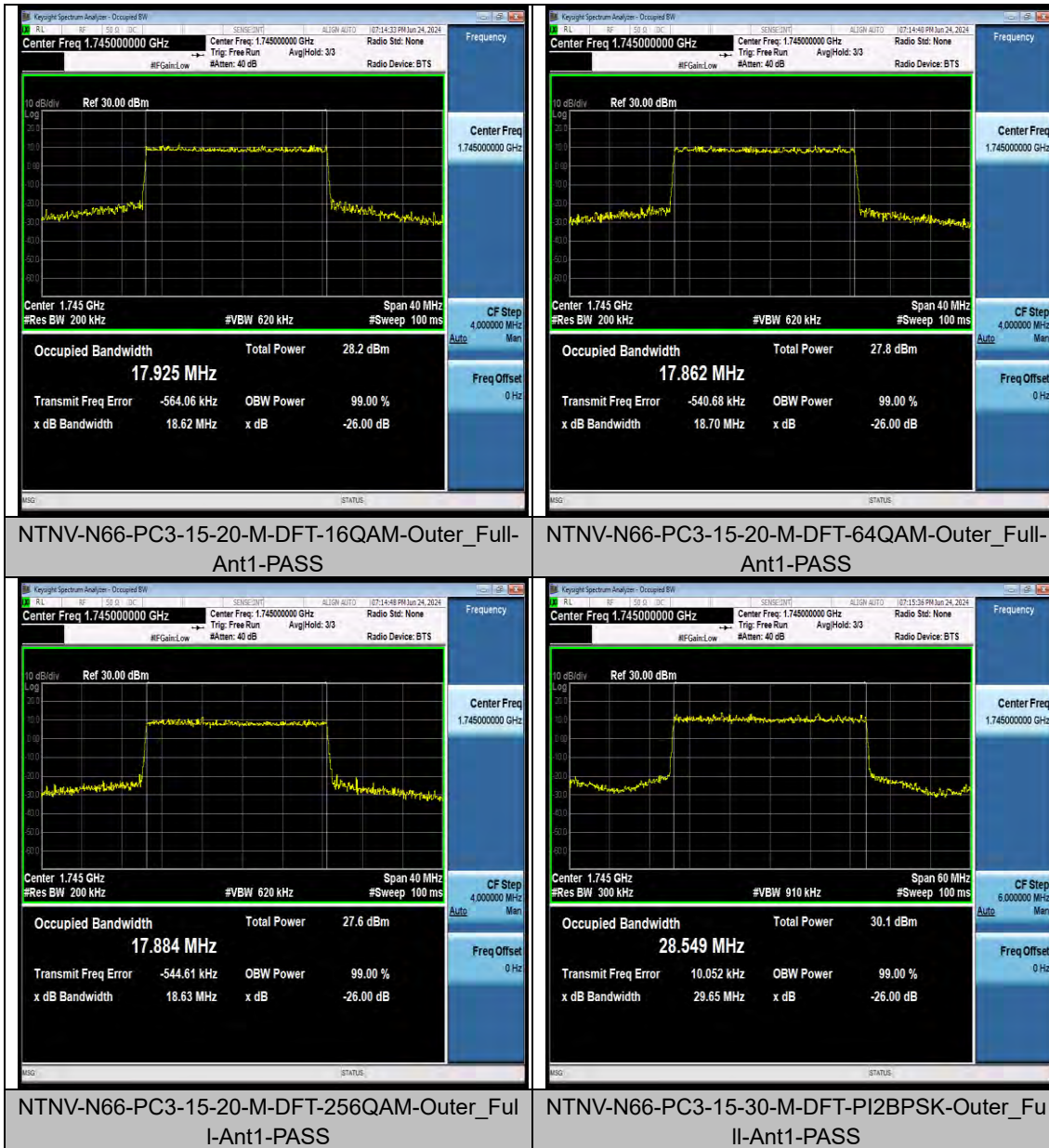
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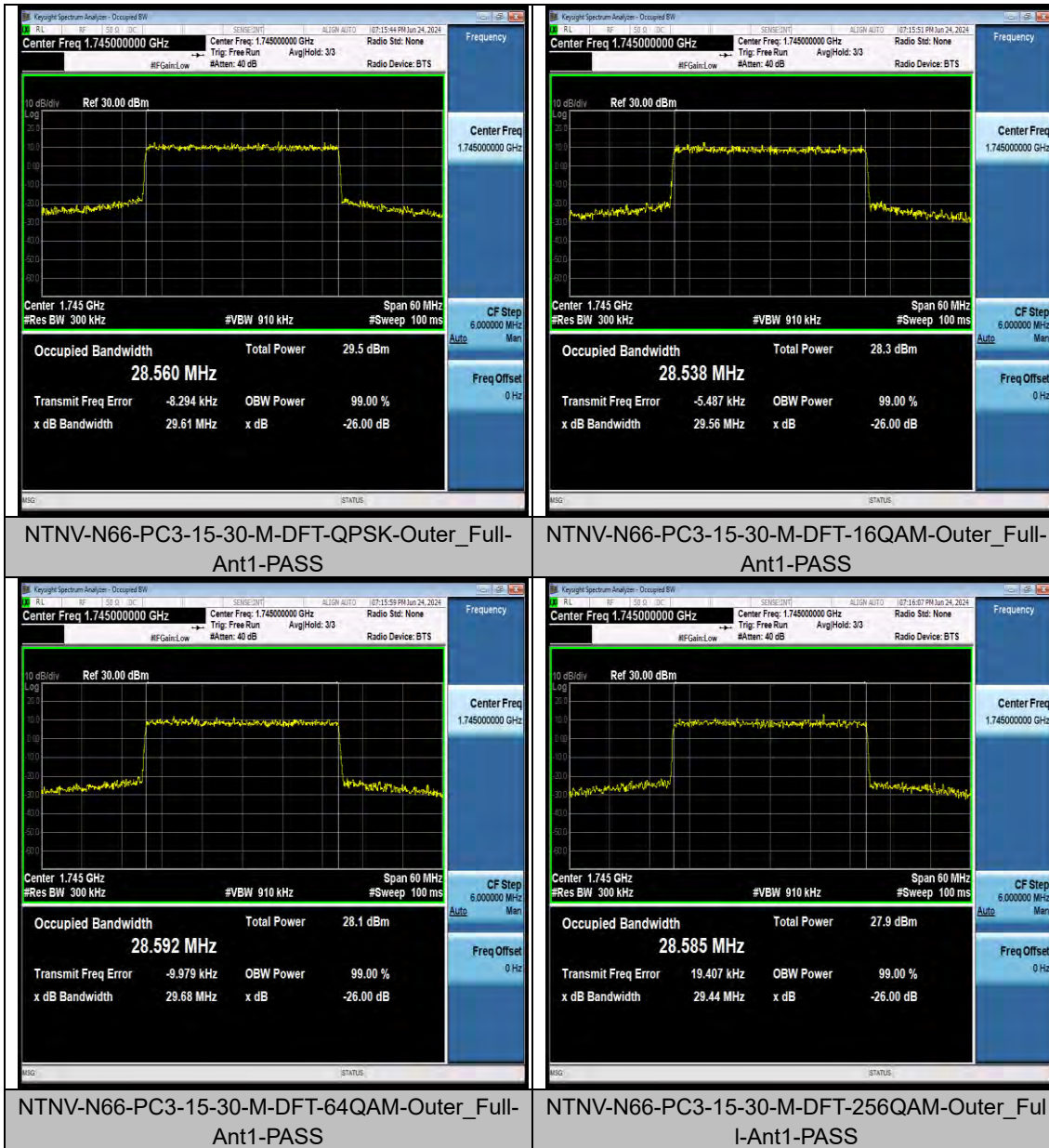
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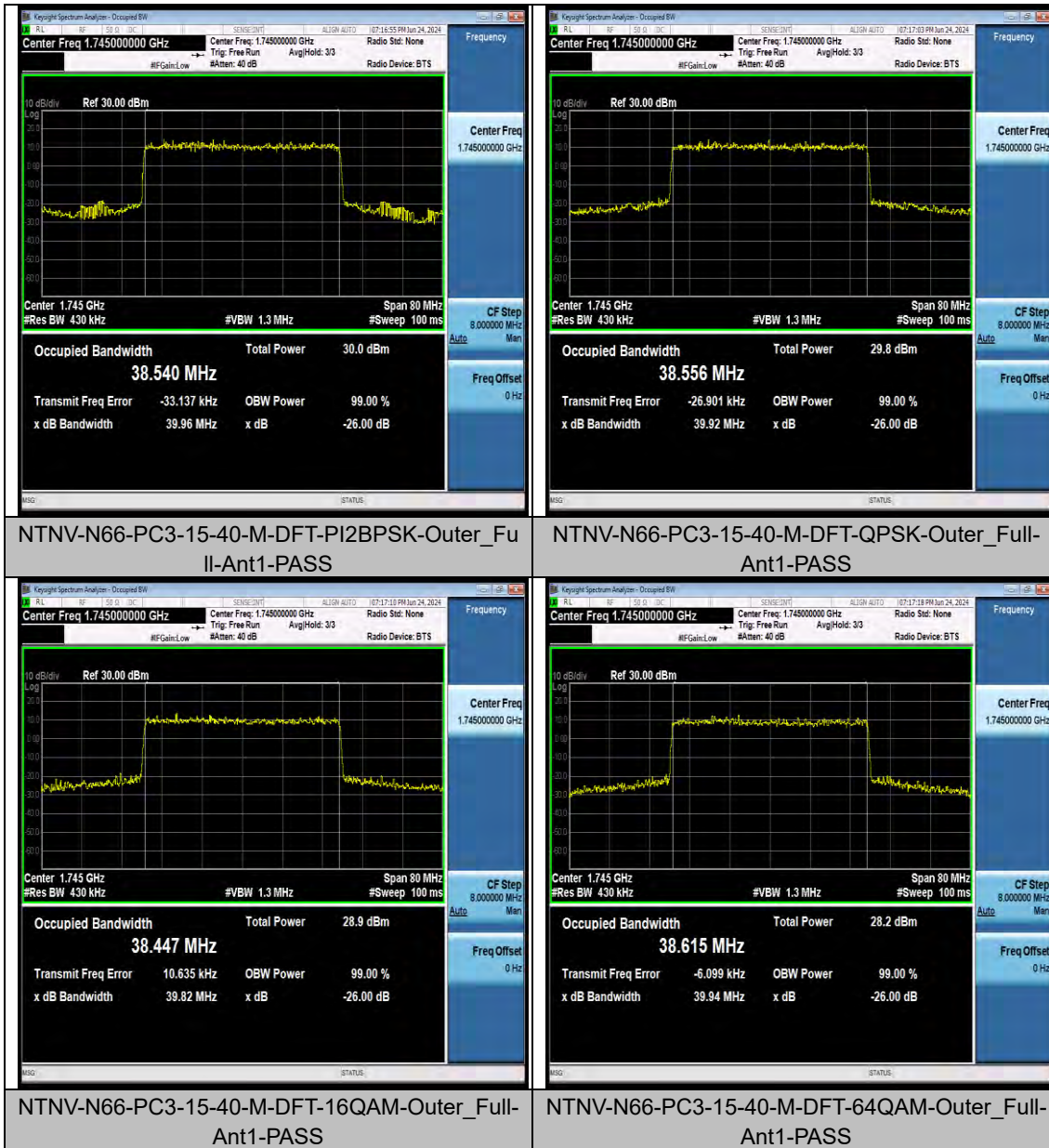
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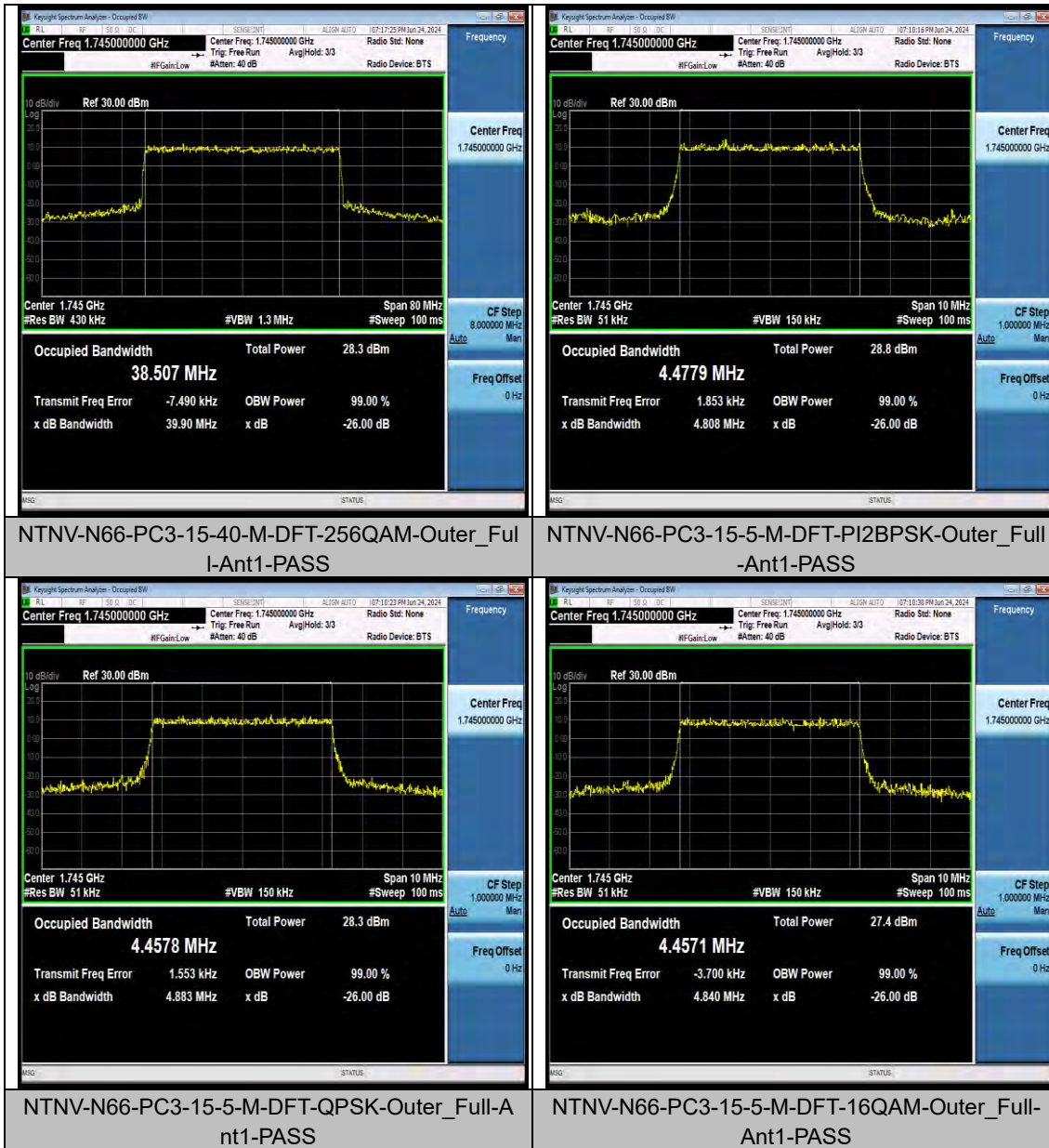
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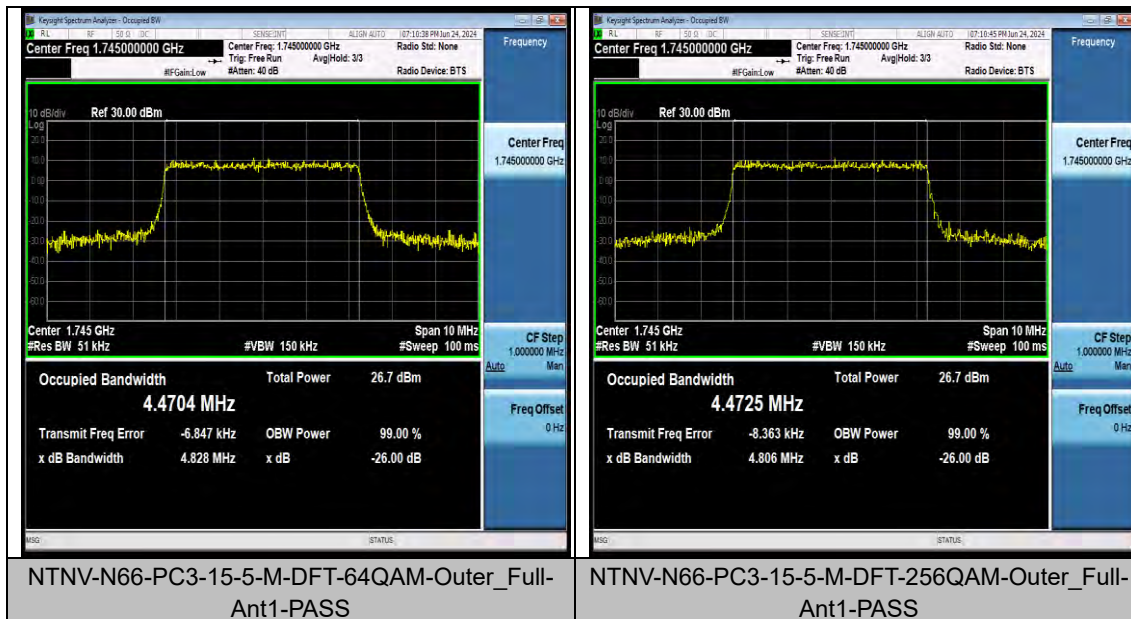
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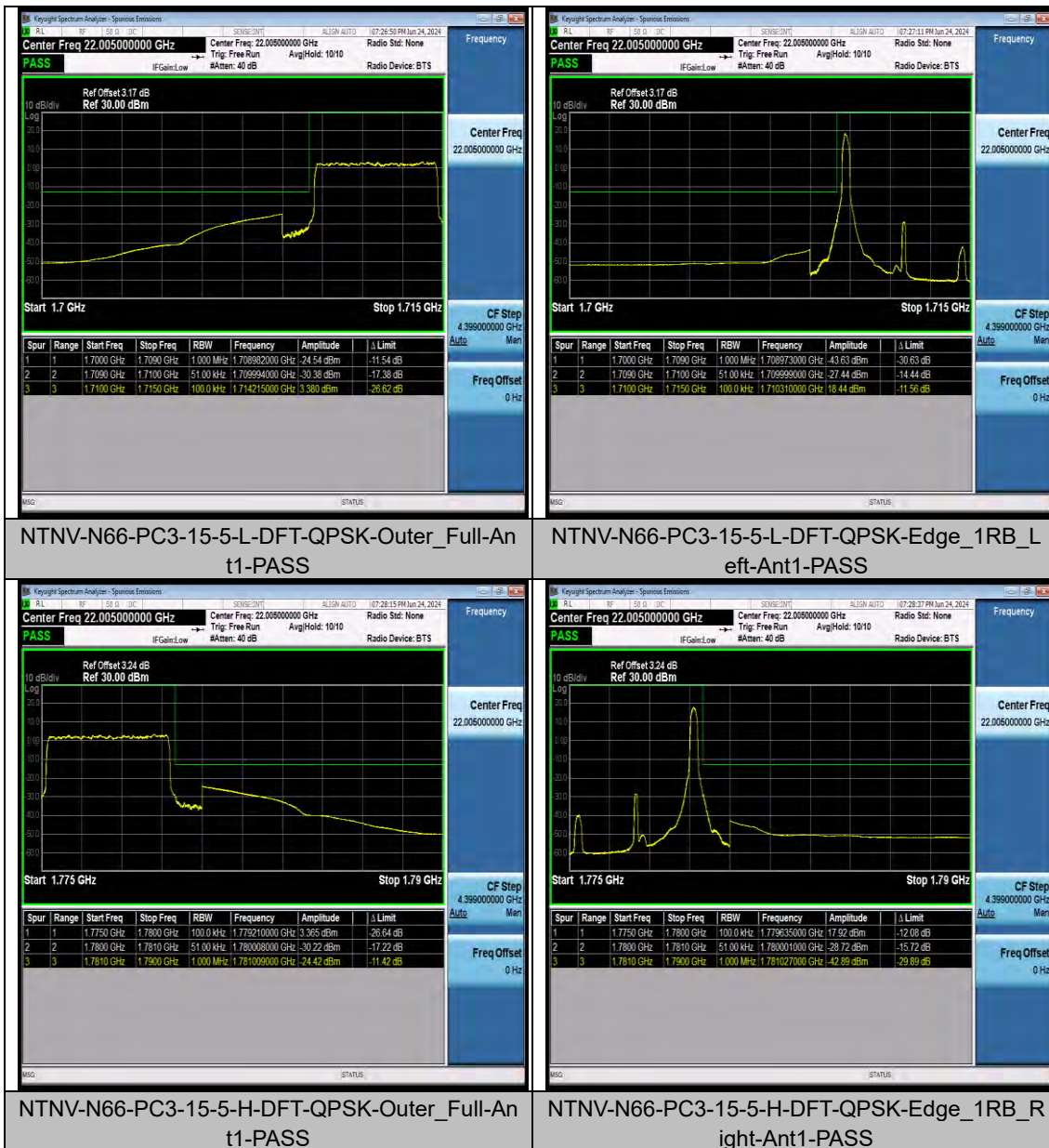
Reference No.: W7L-P24050018RF11



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	-24.54	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	-27.44	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	-24.42	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Right	-28.72	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	-27.62	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	-38.39	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	-27.20	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Right	-38.03	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	-29.07	PASS
N66	15	40	DFT-QPSK	L	Edge_1RB_Left	-39.18	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	-27.41	PASS
N66	15	40	DFT-QPSK	H	Edge_1RB_Right	-38.45	PASS

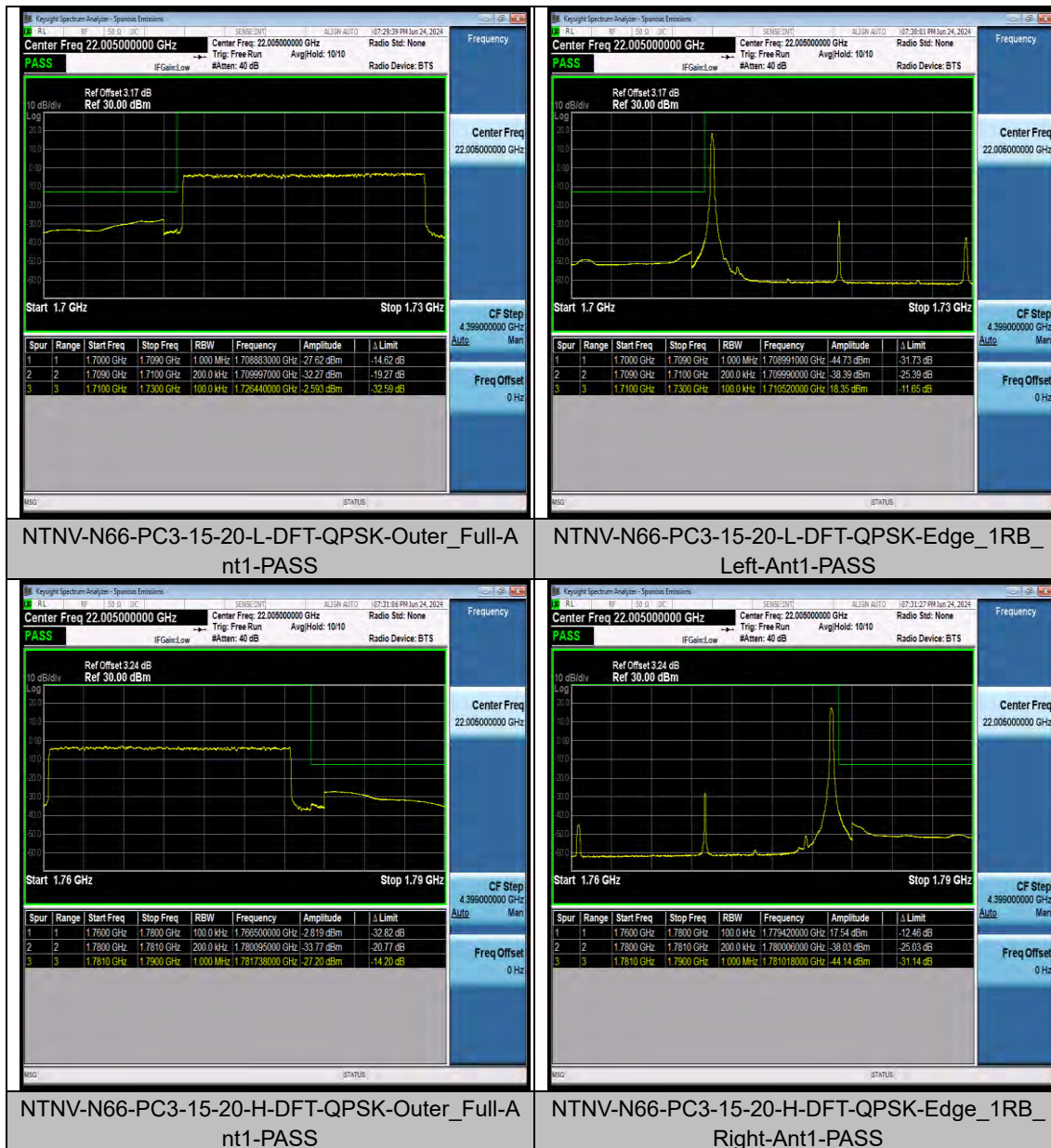
TEST GRAPHS





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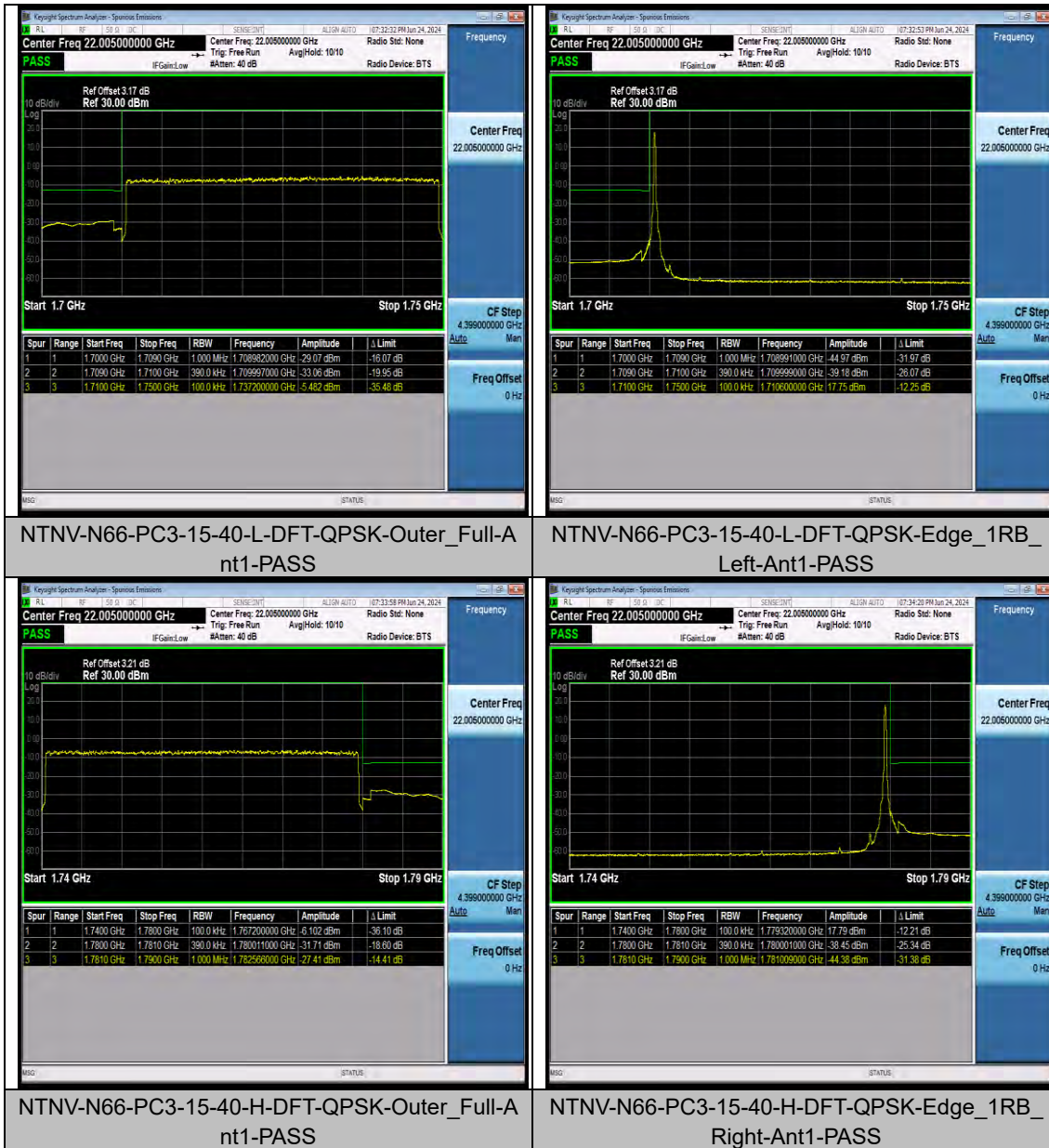
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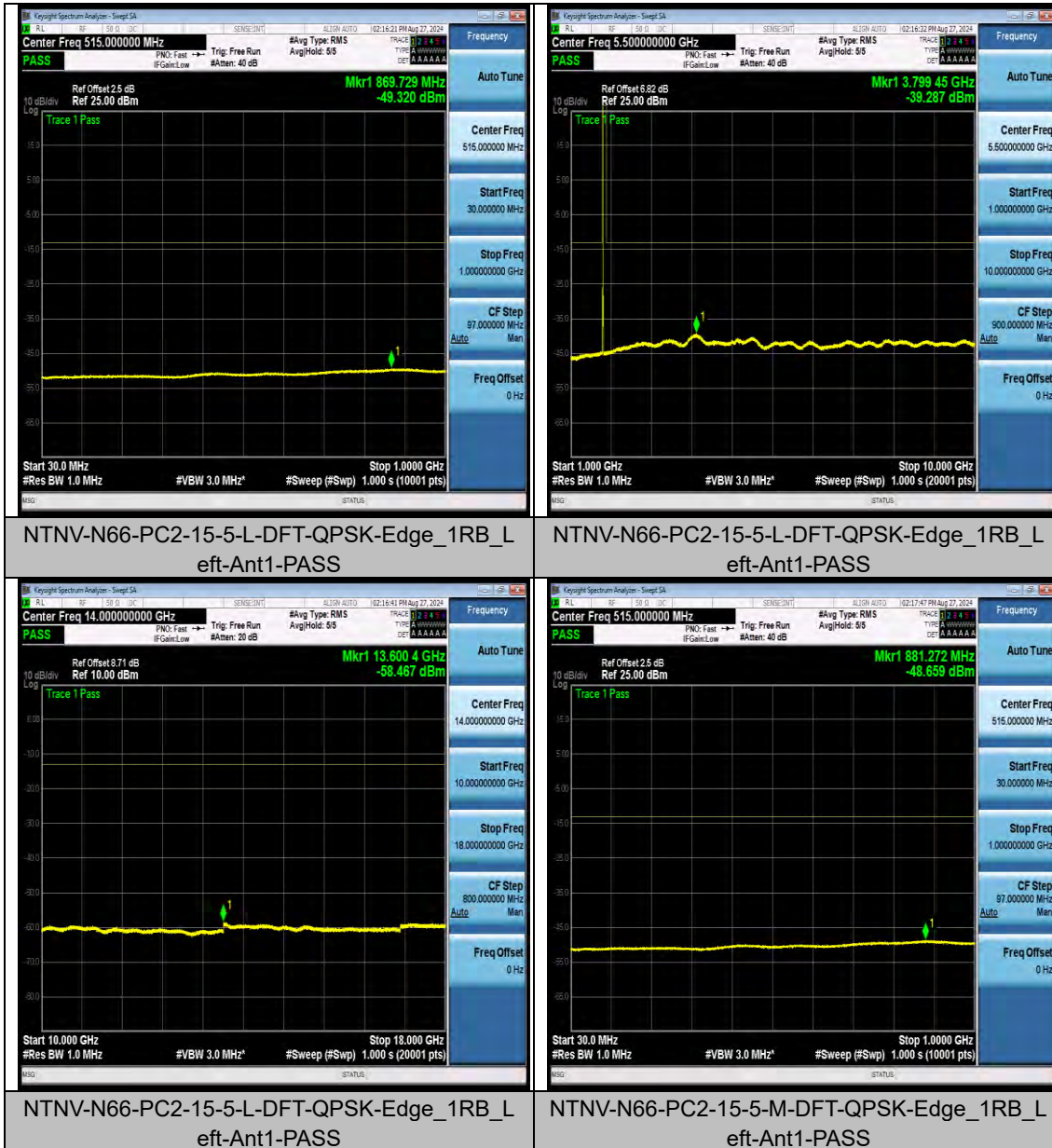


Reference No.: W7L-P24050018RF11

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N66	15	5	DFT-QPSK	L	Edge 1RB Left	30	1000	-49.32	-13	PASS
N66	15	5	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.29	-13	PASS
N66	15	5	DFT-QPSK	L	Edge 1RB Left	10000	18000	-58.47	-13	PASS
N66	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.66	-13	PASS
N66	15	5	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.30	-13	PASS
N66	15	5	DFT-QPSK	M	Edge 1RB Left	10000	18000	-58.49	-13	PASS
N66	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.69	-13	PASS
N66	15	5	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.31	-13	PASS
N66	15	5	DFT-QPSK	H	Edge 1RB Left	10000	18000	-58.31	-13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.62	-13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.26	-13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	10000	18000	-58.41	-13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.58	-13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.15	-13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	10000	18000	-58.40	-13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.56	-13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.21	-13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	10000	18000	-58.09	-13	PASS
N66	15	40	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.63	-13	PASS
N66	15	40	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.08	-13	PASS
N66	15	40	DFT-QPSK	L	Edge 1RB Left	10000	18000	-58.25	-13	PASS
N66	15	40	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.64	-13	PASS
N66	15	40	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.94	-13	PASS
N66	15	40	DFT-QPSK	M	Edge 1RB Left	10000	18000	-58.52	-13	PASS
N66	15	40	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.67	-13	PASS
N66	15	40	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.26	-13	PASS
N66	15	40	DFT-QPSK	H	Edge 1RB Left	10000	18000	-58.37	-13	PASS

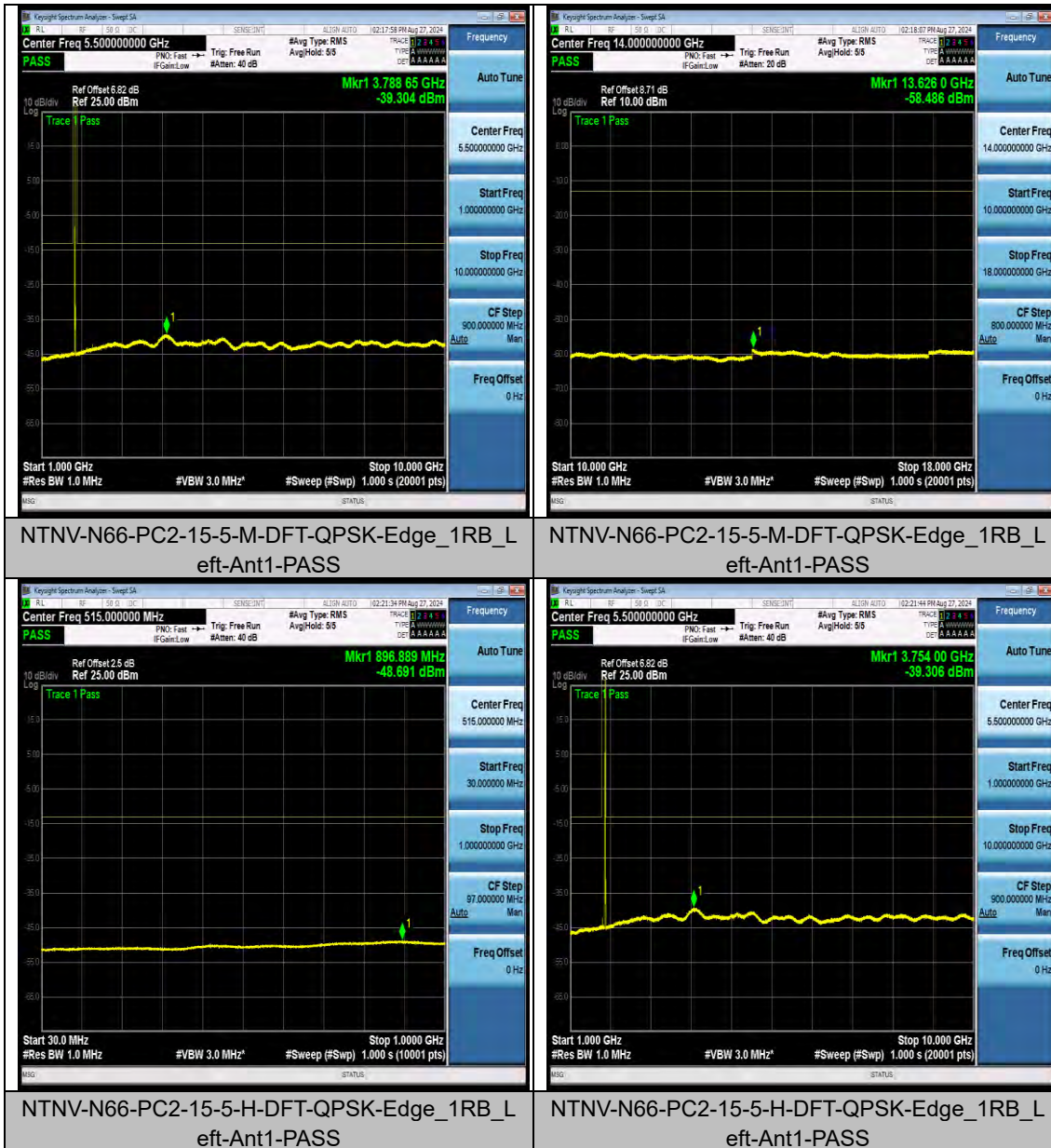
TEST GRAPHS





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VERITAS

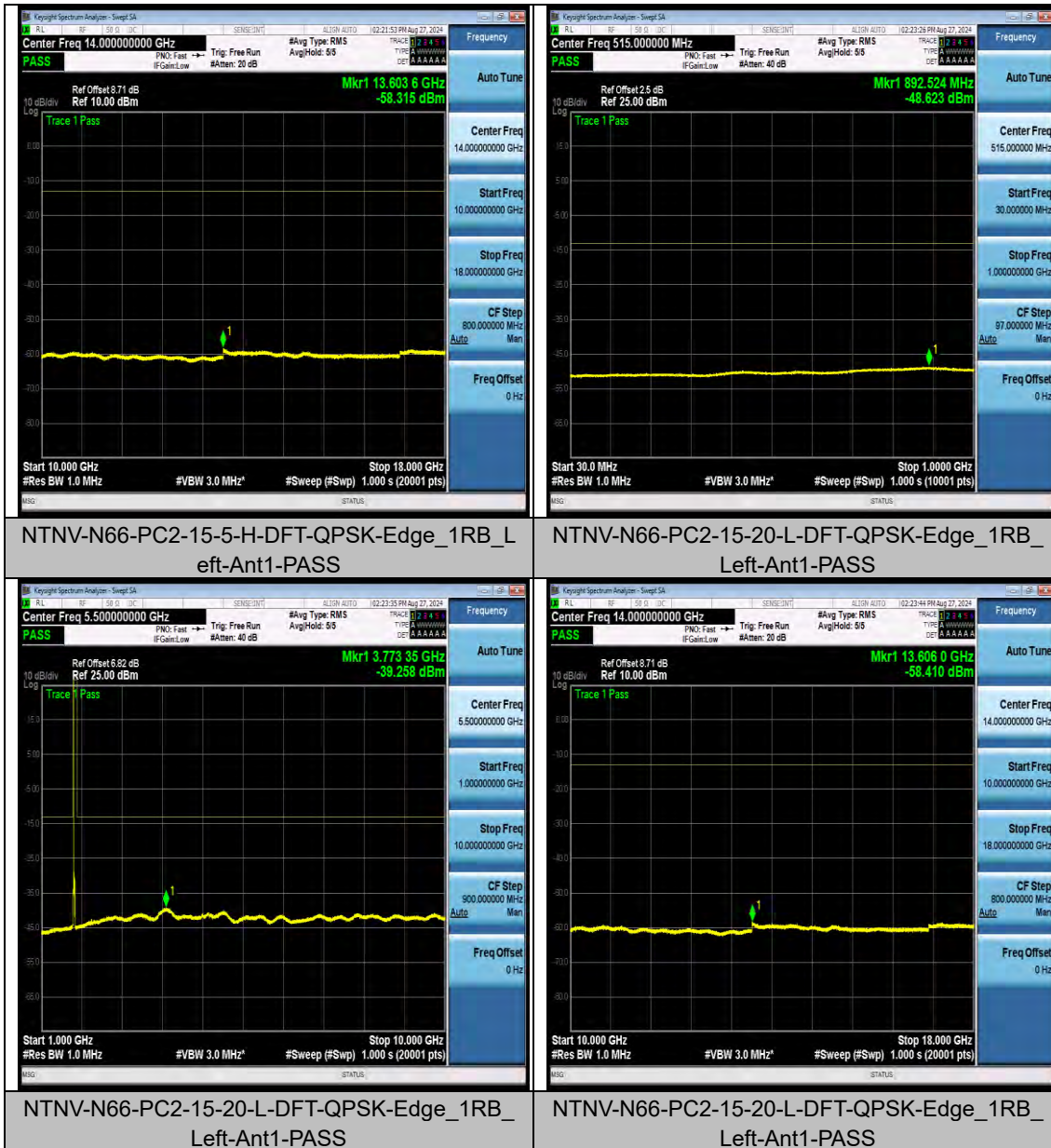
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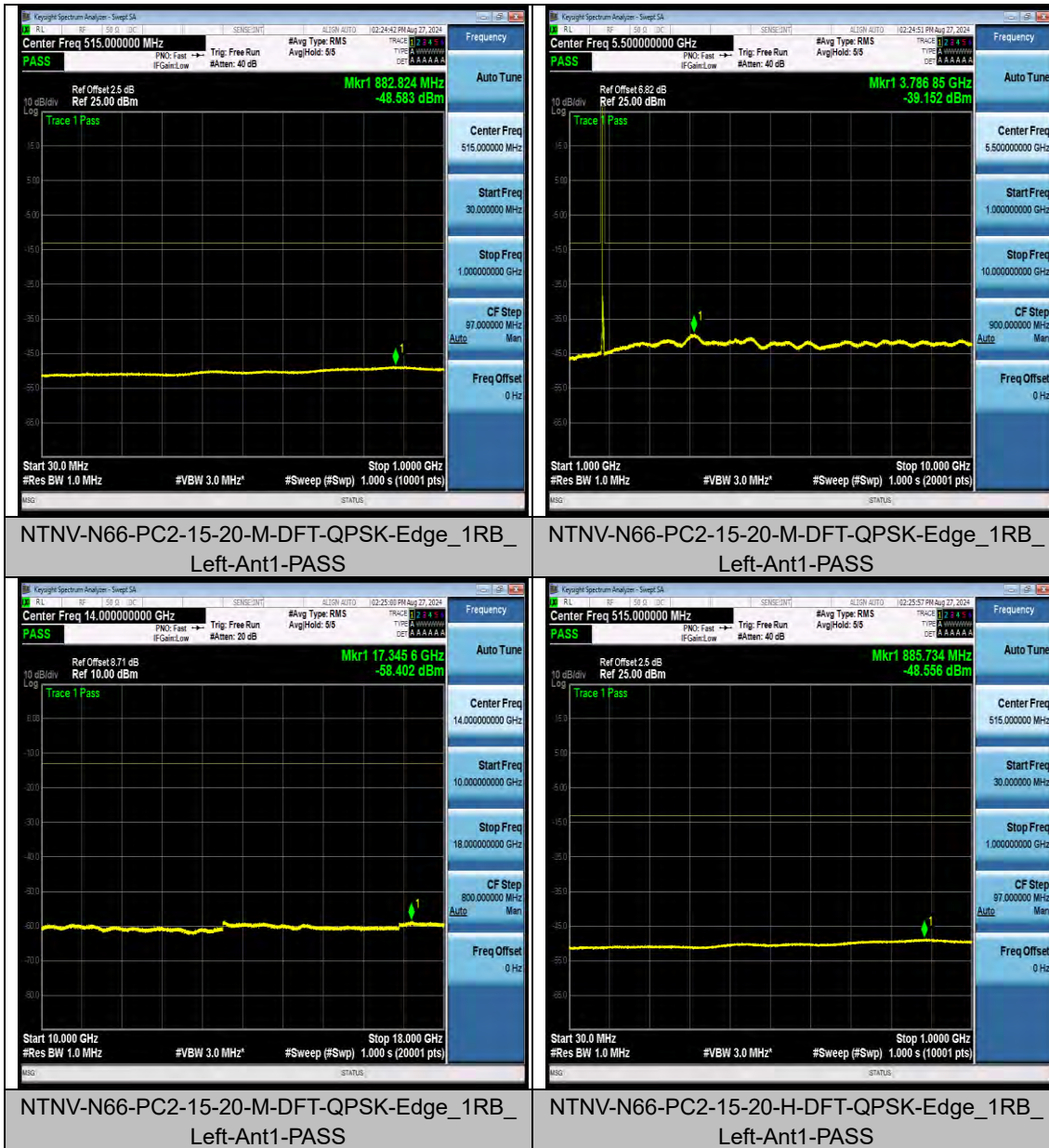
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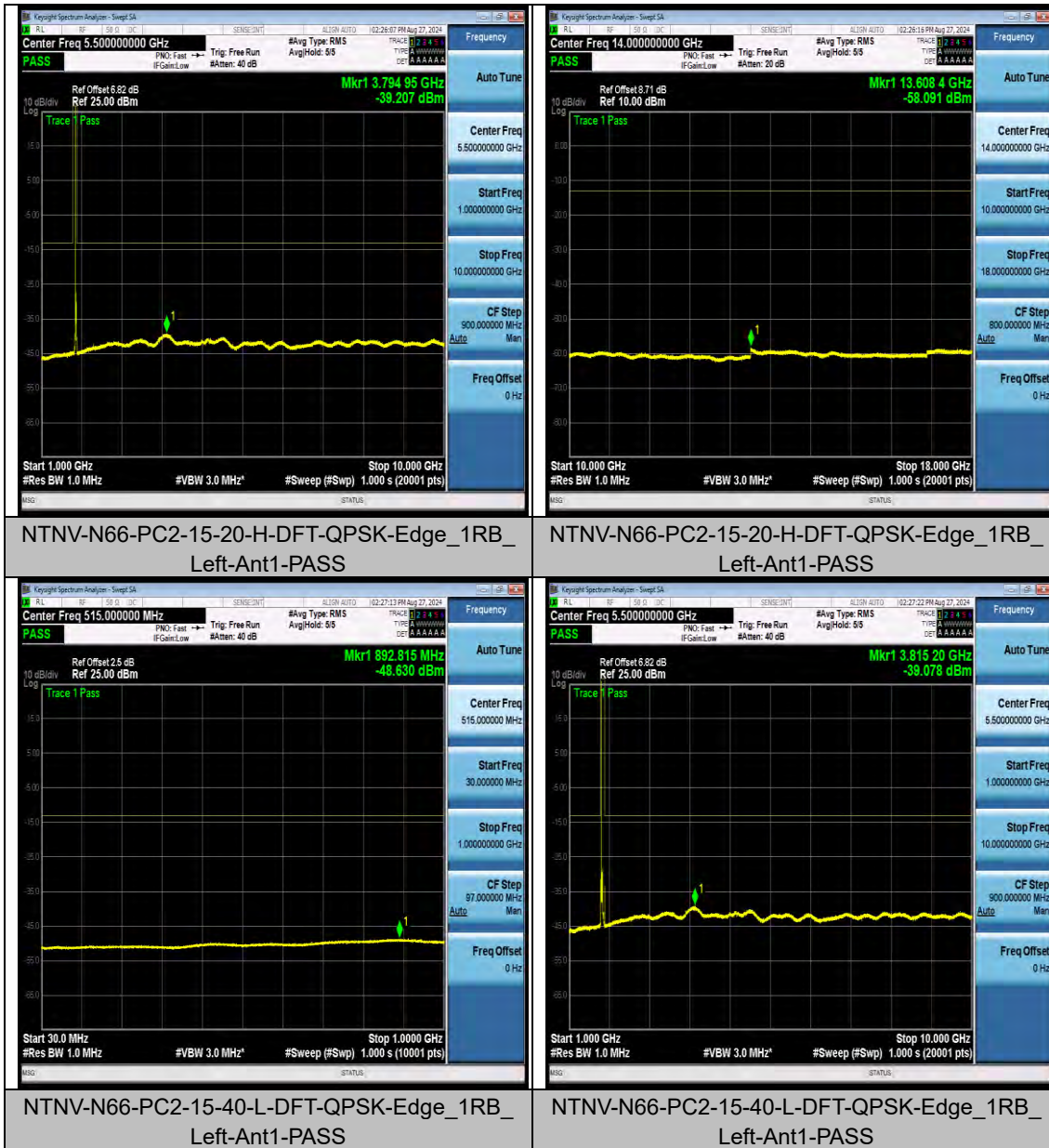
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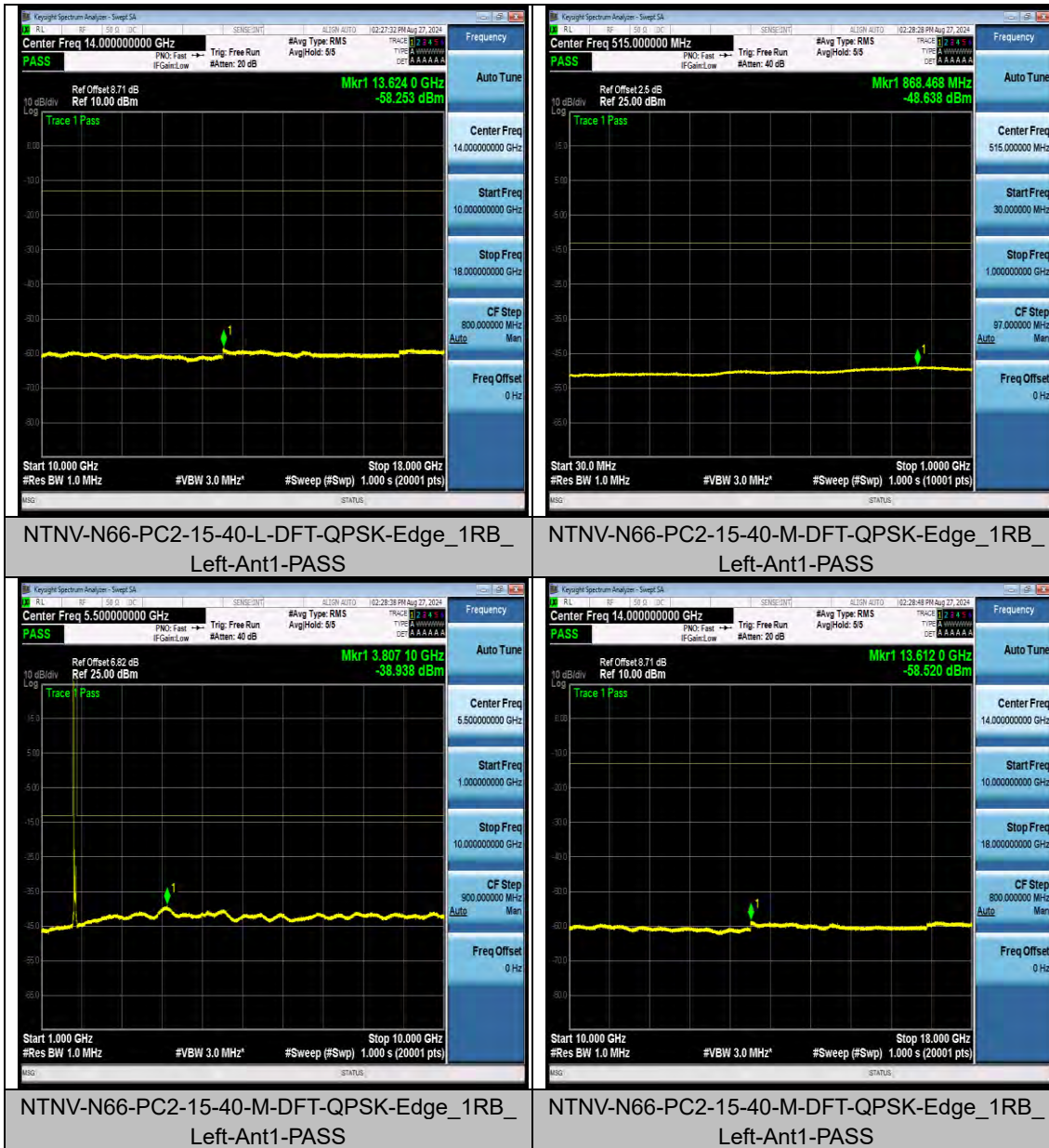
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VERITAS

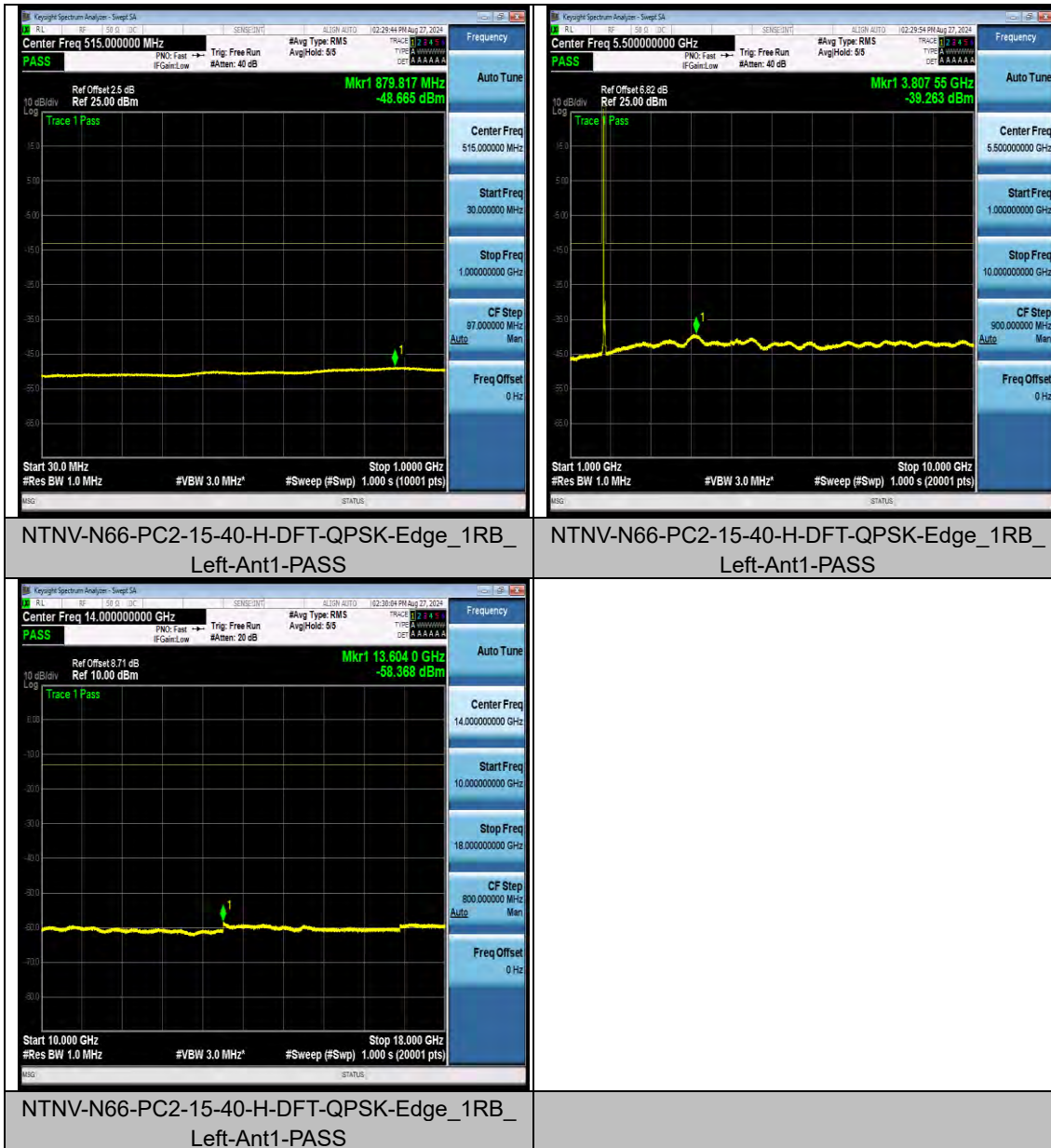
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VERITAS

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
N66	15	20	DFT-QPSK	L	Outer Full	VL	NT	7.000000	0.004070	PASS
N66	15	20	DFT-QPSK	L	Outer Full	VN	NT	2.000000	0.001163	PASS
N66	15	20	DFT-QPSK	L	Outer Full	VH	NT	12.000000	0.006977	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	-30	4.000000	0.002326	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	-20	14.000000	0.008140	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	-10	3.000000	0.001744	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	0	16.000000	0.009302	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	10	5.000000	0.002907	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	20	10.000000	0.005814	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	30	17.000000	0.009884	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	40	9.000000	0.005233	PASS
N66	15	20	DFT-QPSK	L	Outer Full	NV	50	19.000000	0.011047	PASS
N66	15	20	DFT-QPSK	M	Outer Full	VL	NT	19.000000	0.010888	PASS
N66	15	20	DFT-QPSK	M	Outer Full	VN	NT	12.000000	0.006877	PASS
N66	15	20	DFT-QPSK	M	Outer Full	VH	NT	4.000000	0.002292	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	-30	8.000000	0.004585	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	-20	18.000000	0.010315	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	-10	6.000000	0.003438	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	0	16.000000	0.009169	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	10	8.000000	0.004585	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	20	8.000000	0.004585	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	30	19.000000	0.010888	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	40	14.000000	0.008023	PASS
N66	15	20	DFT-QPSK	M	Outer Full	NV	50	14.000000	0.008023	PASS
N66	15	20	DFT-QPSK	H	Outer Full	VL	NT	17.000000	0.009605	PASS
N66	15	20	DFT-QPSK	H	Outer Full	VN	NT	19.000000	0.010734	PASS
N66	15	20	DFT-QPSK	H	Outer Full	VH	NT	17.000000	0.009605	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	-30	8.000000	0.004520	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	-20	9.000000	0.005085	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	-10	4.000000	0.002260	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	0	14.000000	0.007910	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	10	13.000000	0.007345	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	20	5.000000	0.002825	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	30	15.000000	0.008475	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	40	19.000000	0.010734	PASS
N66	15	20	DFT-QPSK	H	Outer Full	NV	50	10.000000	0.005650	PASS



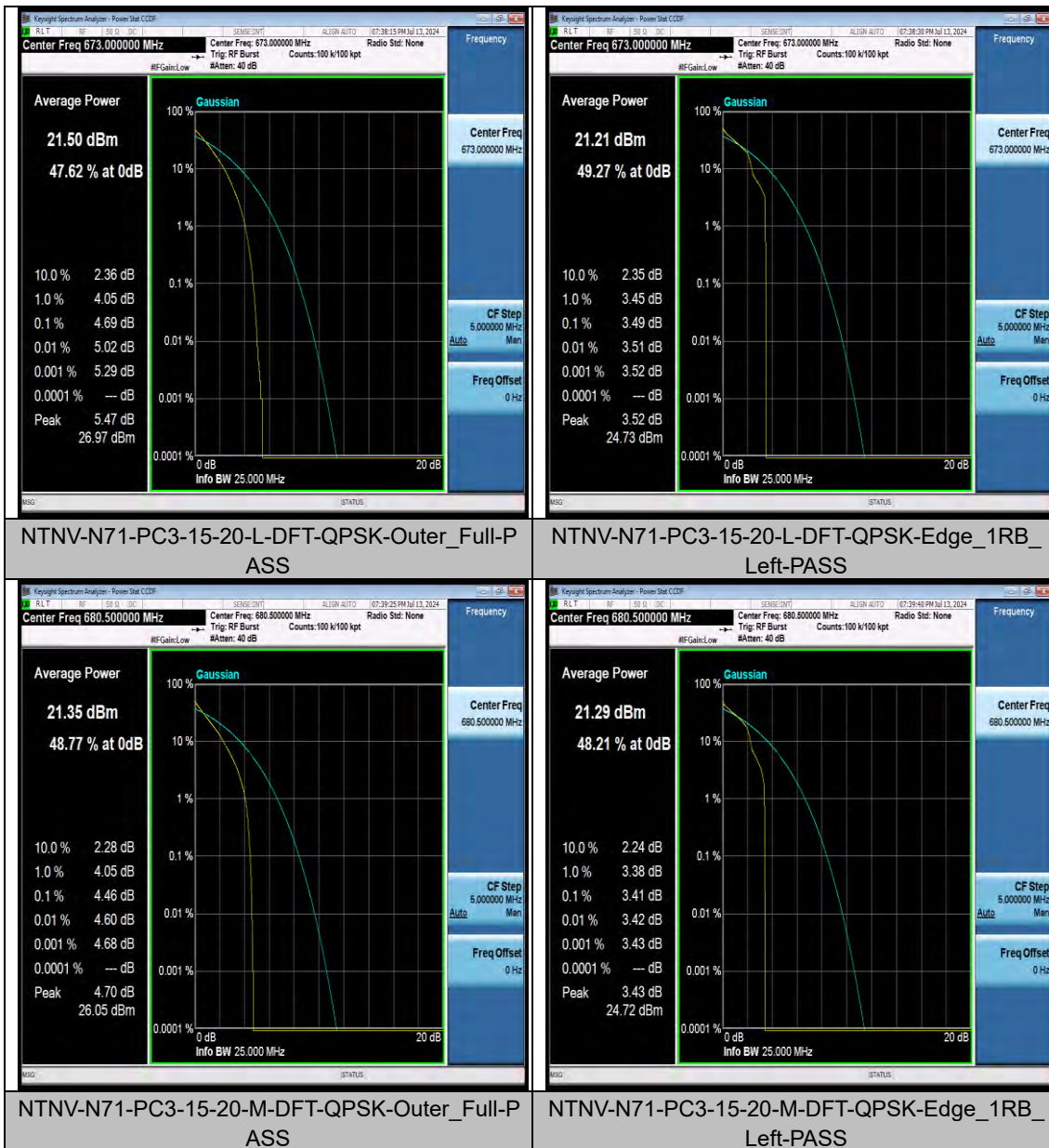
Reference No.: W7L-P24050018RF11

N71 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N71	15	20	DFT-QPSK	L	Outer_Full	4.69	≤ 13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	3.49	≤ 13	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	4.46	≤ 13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	3.41	≤ 13	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	4.46	≤ 13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	3.69	≤ 13	PASS

TEST GRAPHS





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VERITAS

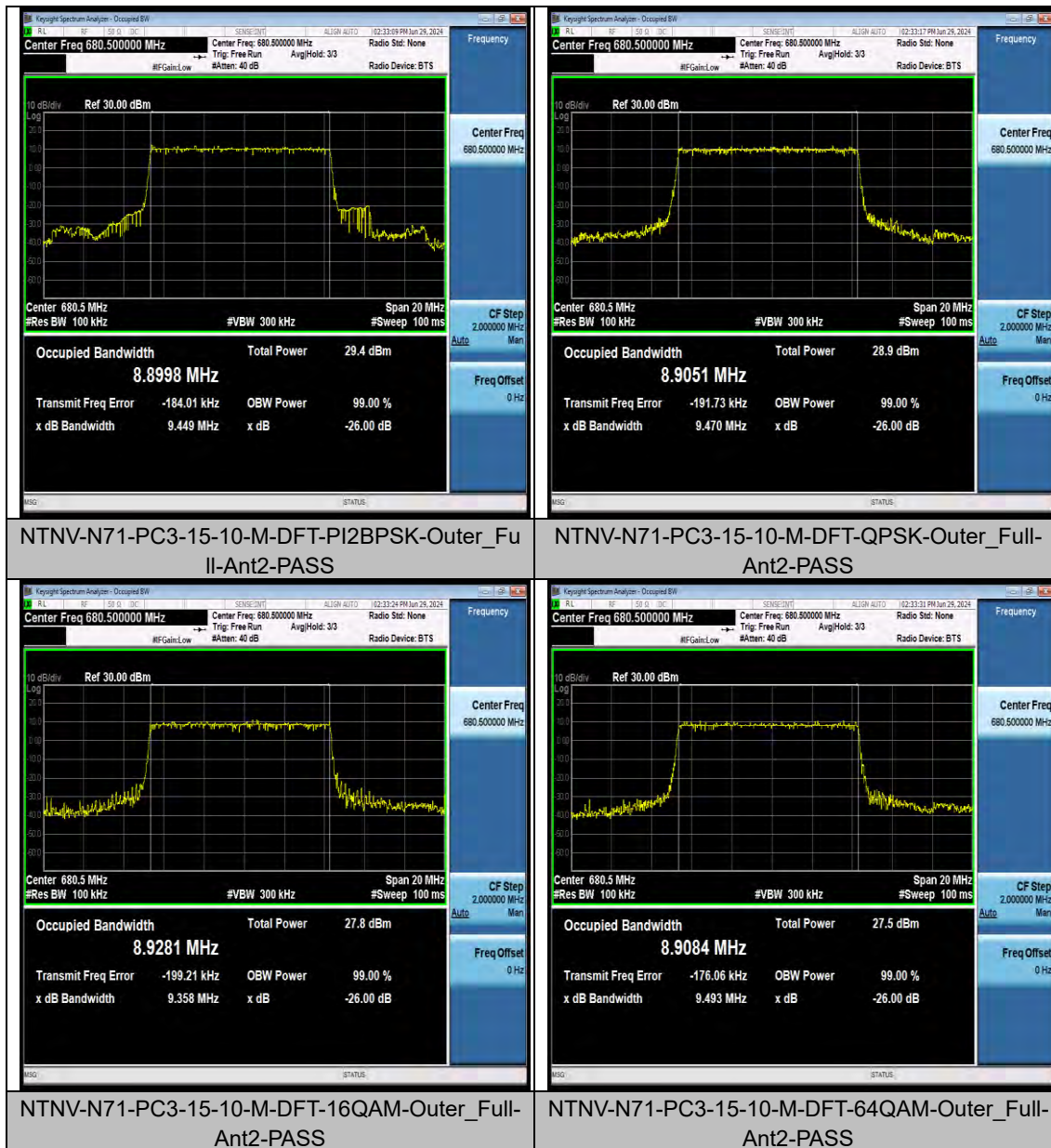
Reference No.: W7L-P24050018RF11



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.8998	9.449	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.9051	9.470	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.9281	9.358	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.9084	9.493	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.9112	9.474	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.389	14.11	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.367	14.07	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.395	14.16	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.367	14.07	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.389	14.09	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.828	18.65	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.837	18.66	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.847	18.62	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.836	18.64	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.862	18.64	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.4797	4.853	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.4599	4.857	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.4702	4.883	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.4735	4.837	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.4687	4.858	PASS

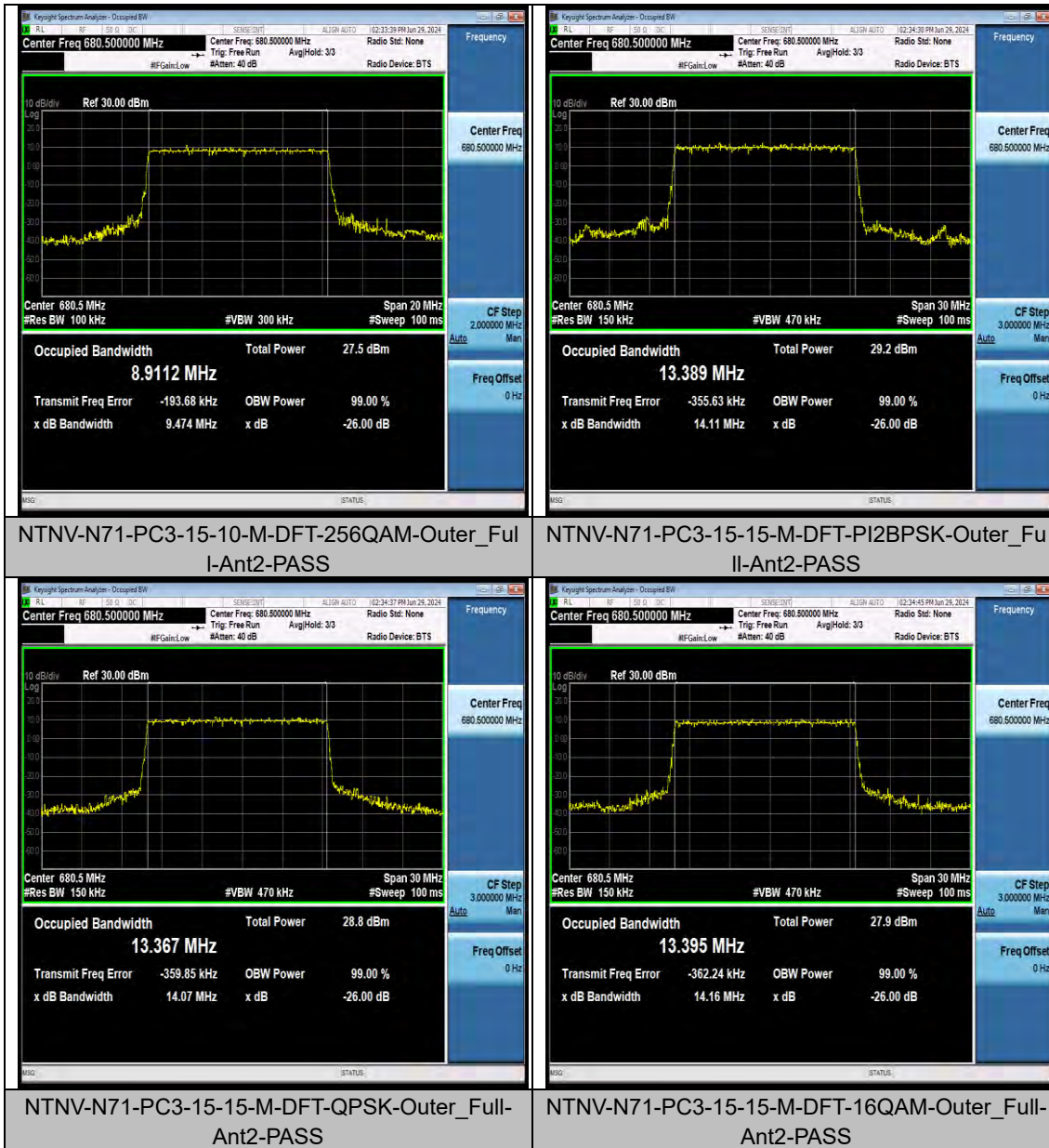
TEST GRAPHS





BUREAU
VERITAS

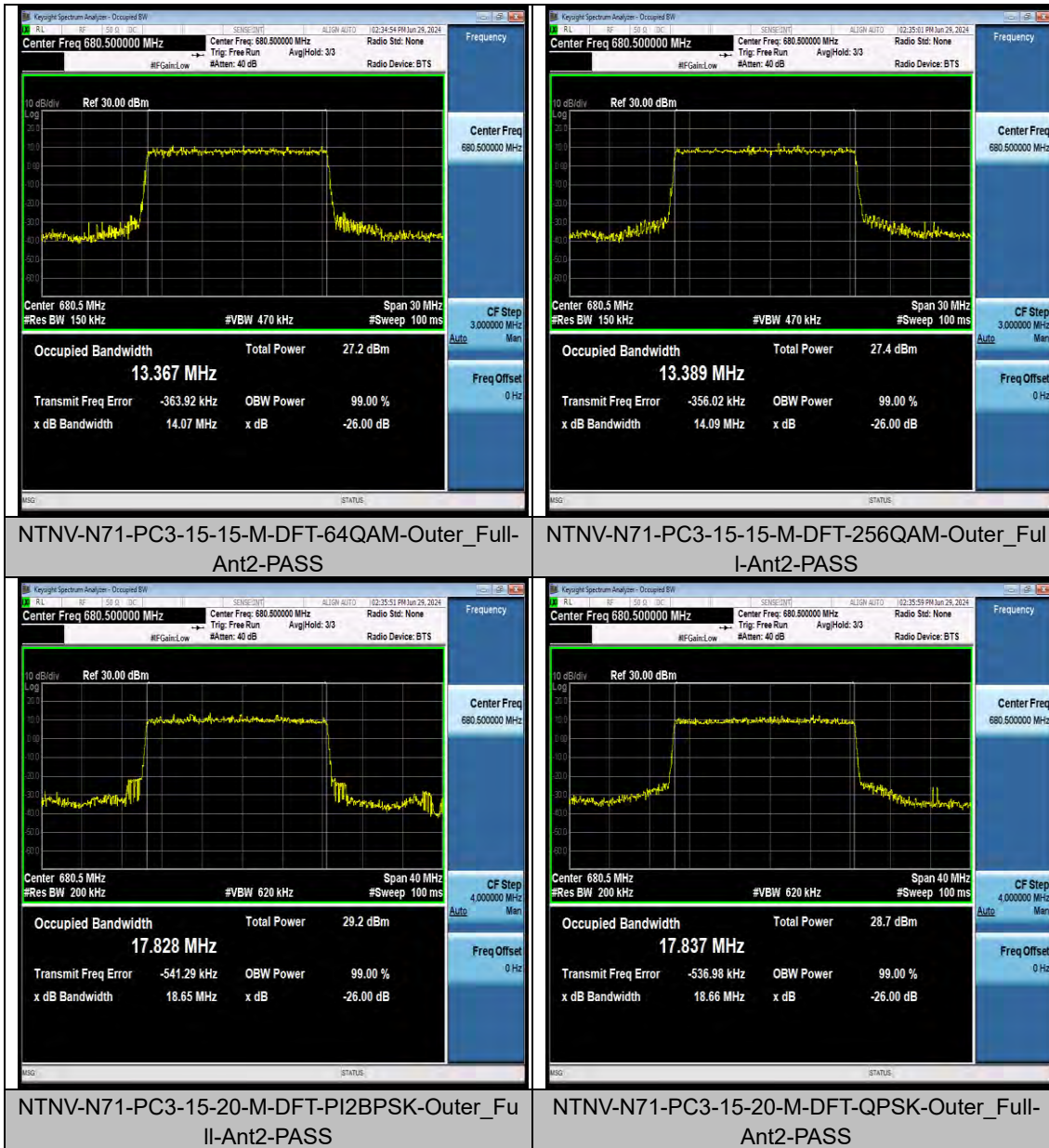
Reference No.: W7L-P24050018RF11





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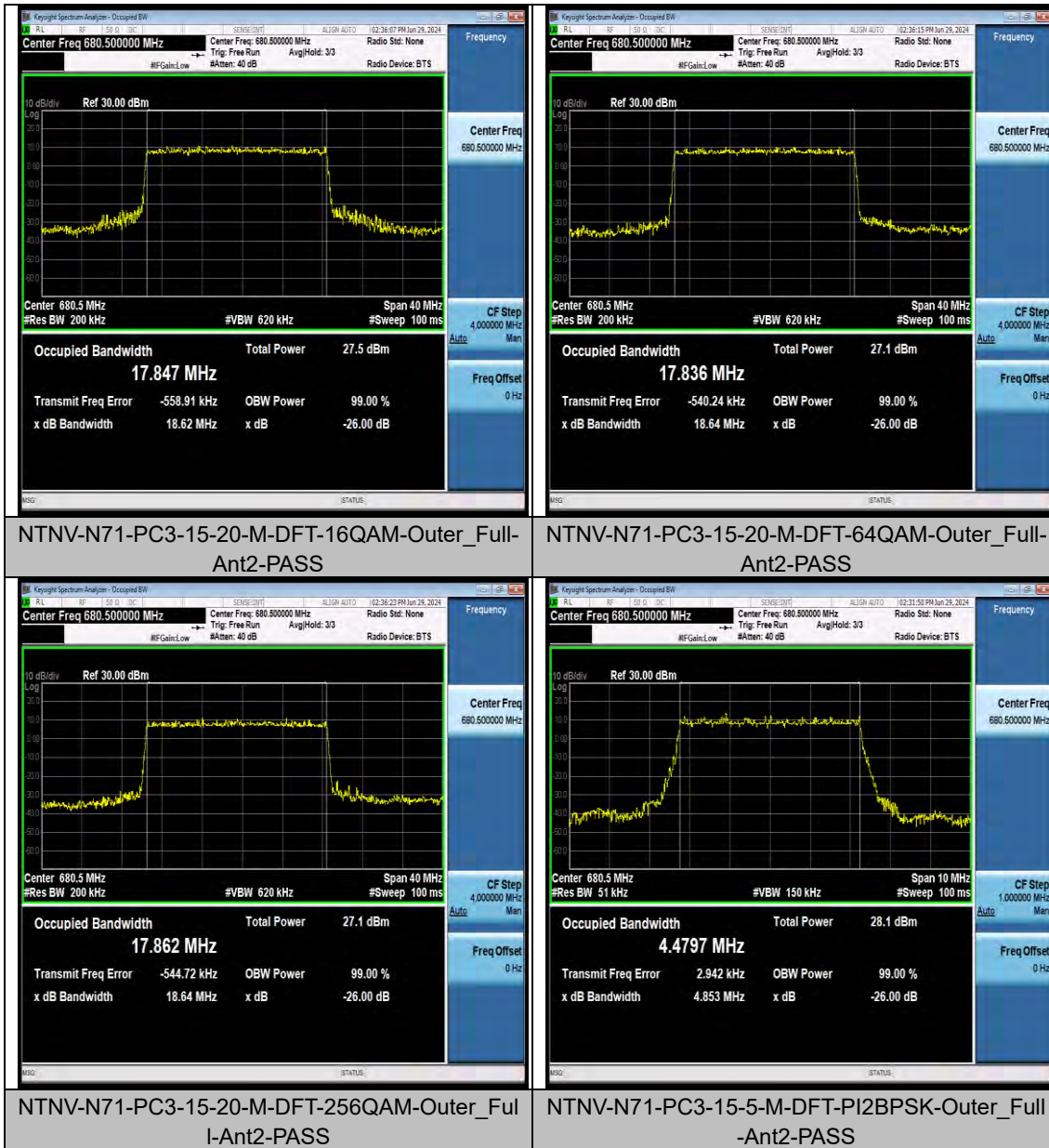
Reference No.: W7L-P24050018RF11





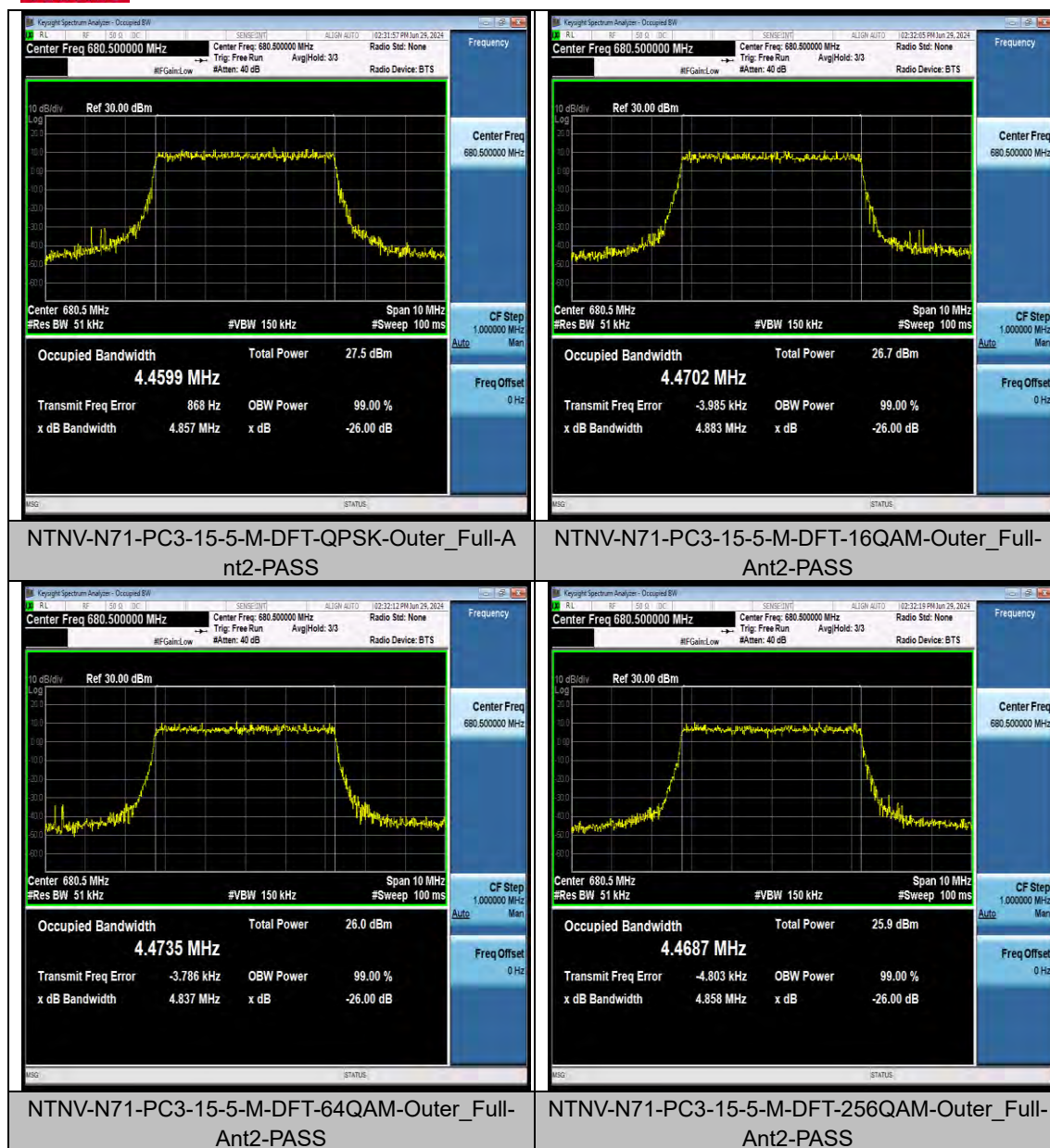
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VERITAS

Reference No.: W7L-P24050018RF11





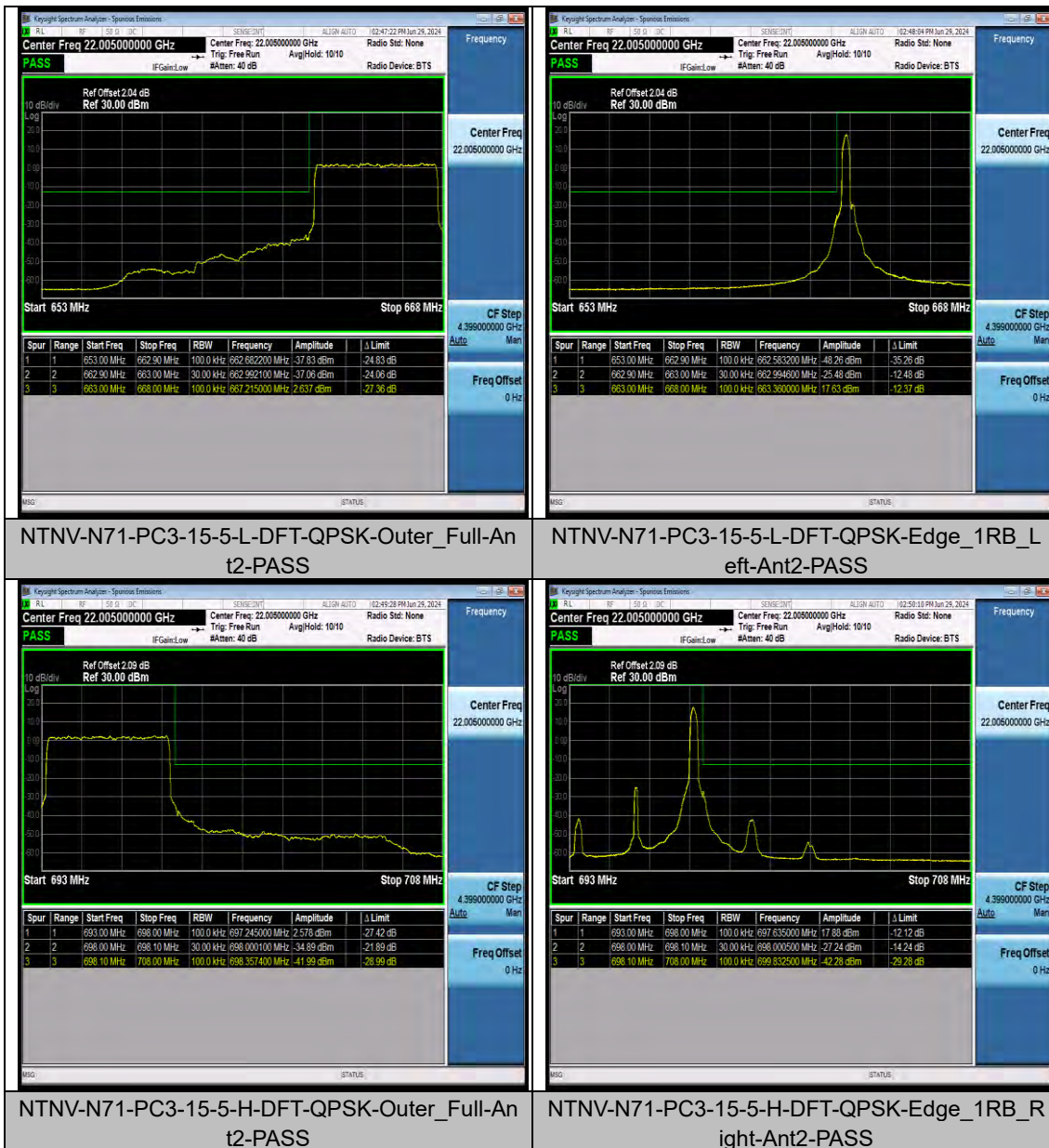
Reference No.: W7L-P24050018RF11



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	-37.06	PASS
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.48	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	-34.89	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Right	-27.24	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	-34.43	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	-27.02	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	-41.30	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Right	-28.65	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	-39.84	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	-34.02	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	-41.56	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Right	-36.15	PASS

TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24050018RF11

