



Reference No.: W7L-P24090003RF08

N41	30	20	DFT-QPS K	H	Outer_Fu II	NV	30	12.00	0.004478	---	2684.65 80	2496- 2490	PASS
N41	30	20	DFT-QPS K	H	Outer_Fu II	NV	40	9.00	0.003358	---	2684.64 75	2496- 2490	PASS
N41	30	20	DFT-QPS K	H	Outer_Fu II	NV	50	19.00	0.007090	---	2684.64 40	2496- 2490	PASS



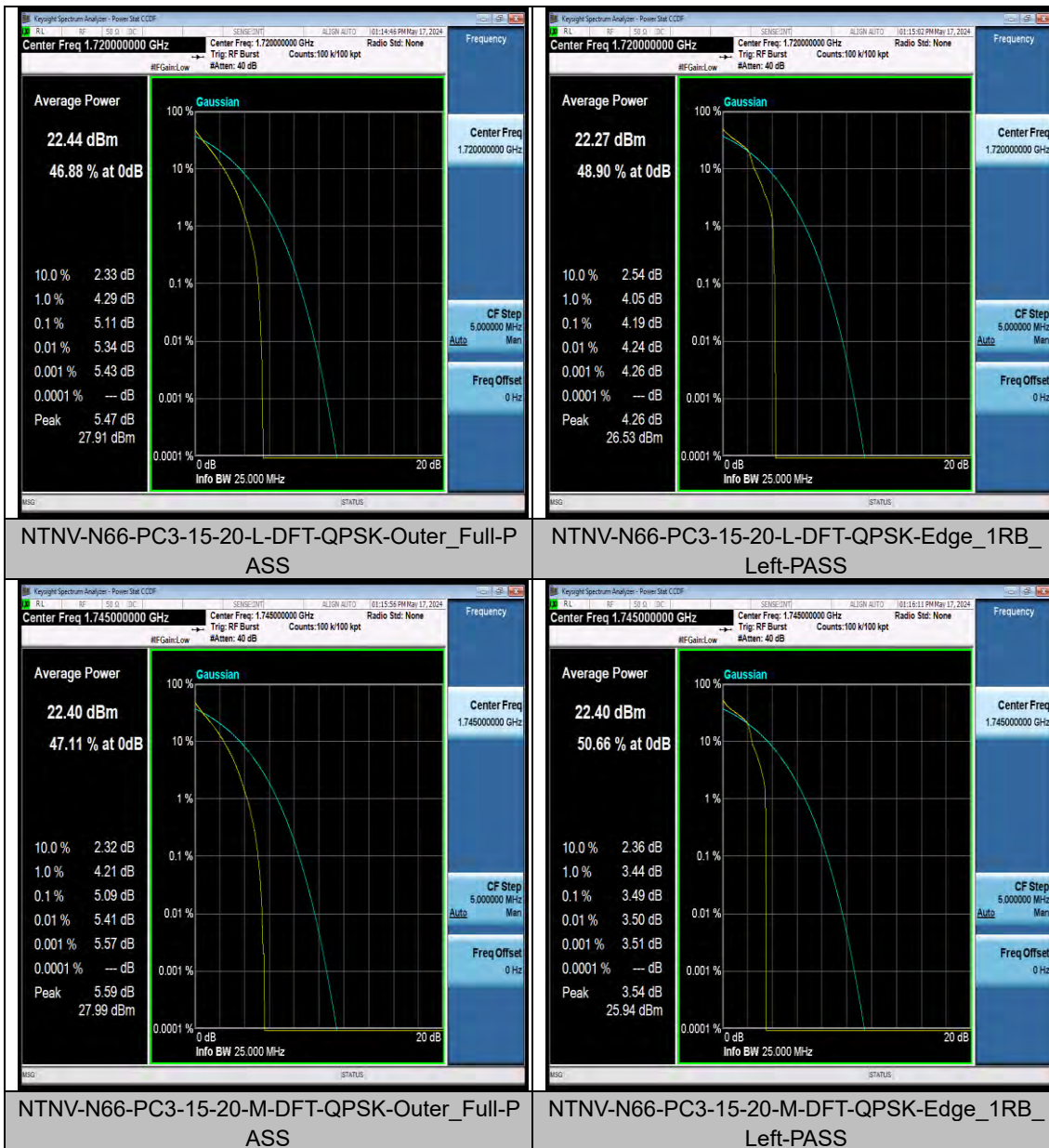
Reference No.: W7L-P24090003RF08

N66 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	20	DFT-QPSK	L	Outer_Full	5.11	≤ 13	PASS
N66	15	20	DFT-QPSK	L	Edge_1RB_Left	4.19	≤ 13	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	5.09	≤ 13	PASS
N66	15	20	DFT-QPSK	M	Edge_1RB_Left	3.49	≤ 13	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	5.20	≤ 13	PASS
N66	15	20	DFT-QPSK	H	Edge_1RB_Left	4.11	≤ 13	PASS

TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08





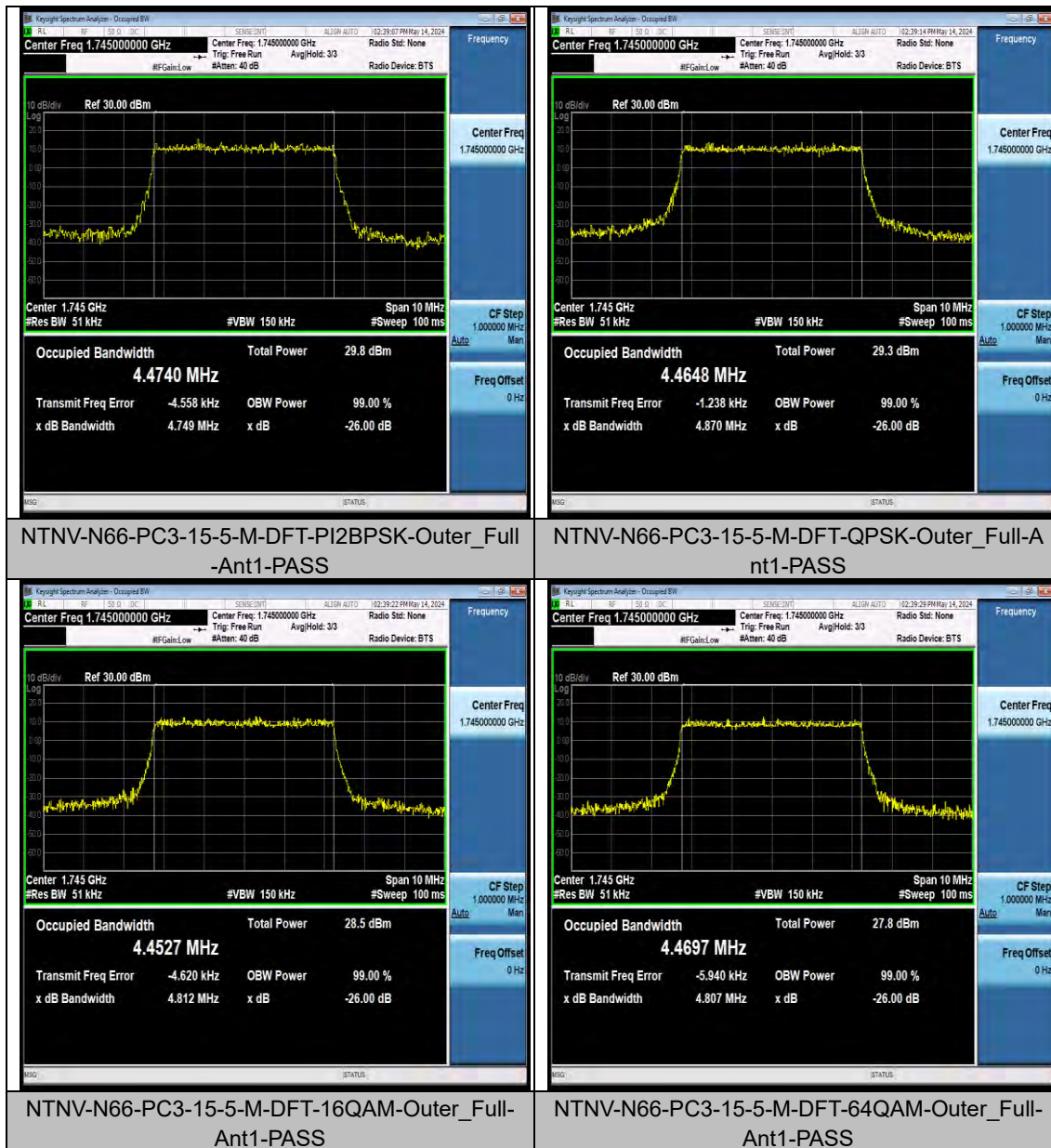
Reference No.: W7L-P24090003RF08

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

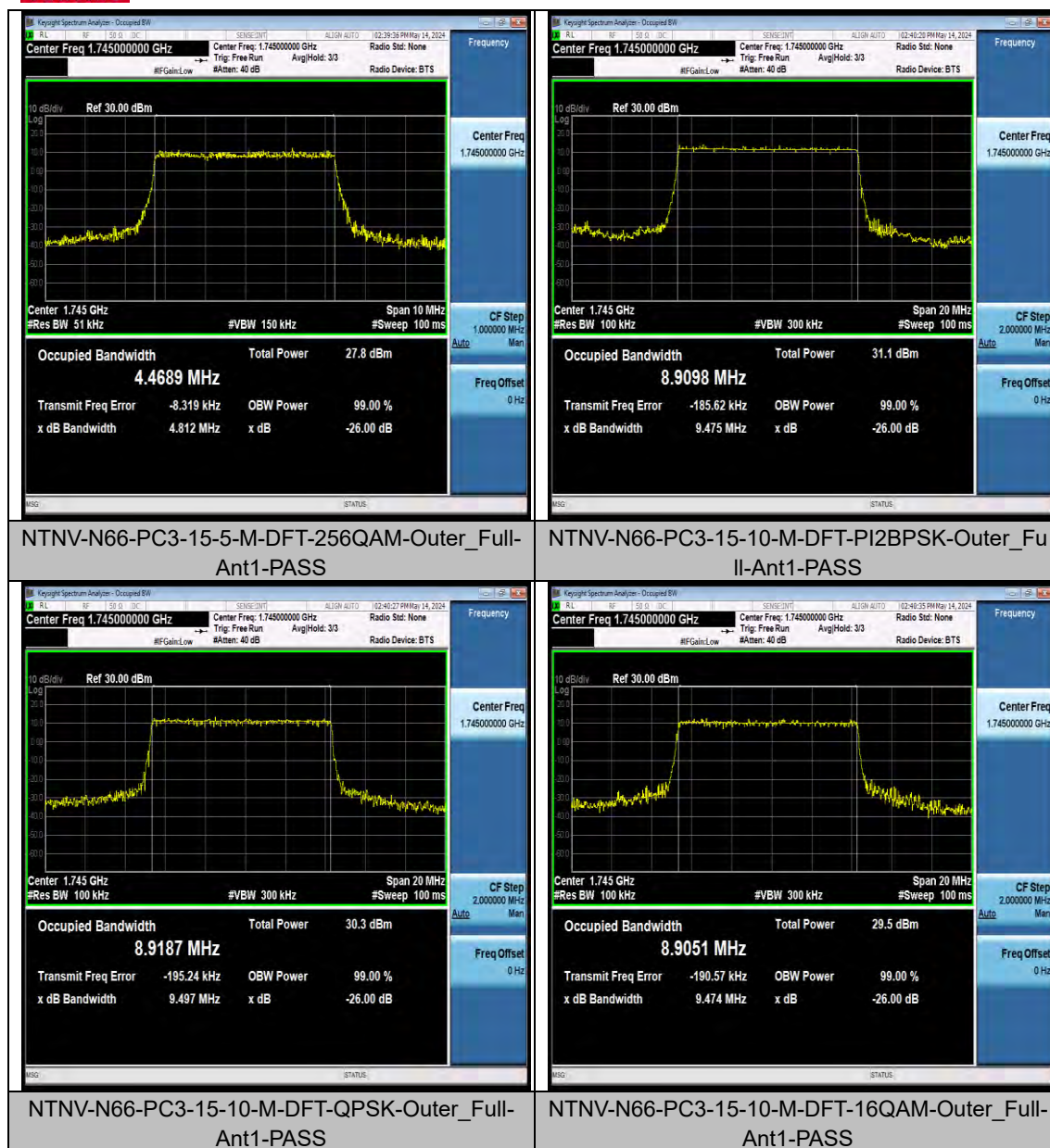
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.4740	4.749	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.4648	4.870	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.4527	4.812	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.4697	4.807	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.4689	4.812	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.9098	9.475	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.9187	9.497	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.9051	9.474	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.9136	9.477	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.9056	9.330	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.383	14.13	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.381	14.10	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.386	14.17	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.392	14.04	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.394	14.11	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.861	18.63	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.857	18.66	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.896	18.62	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.886	18.72	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.849	18.64	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.509	29.62	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.560	29.67	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.534	29.55	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.558	29.52	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.566	29.52	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.528	39.93	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.594	39.89	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.464	39.86	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.543	39.94	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.507	39.88	PASS

TEST GRAPHS





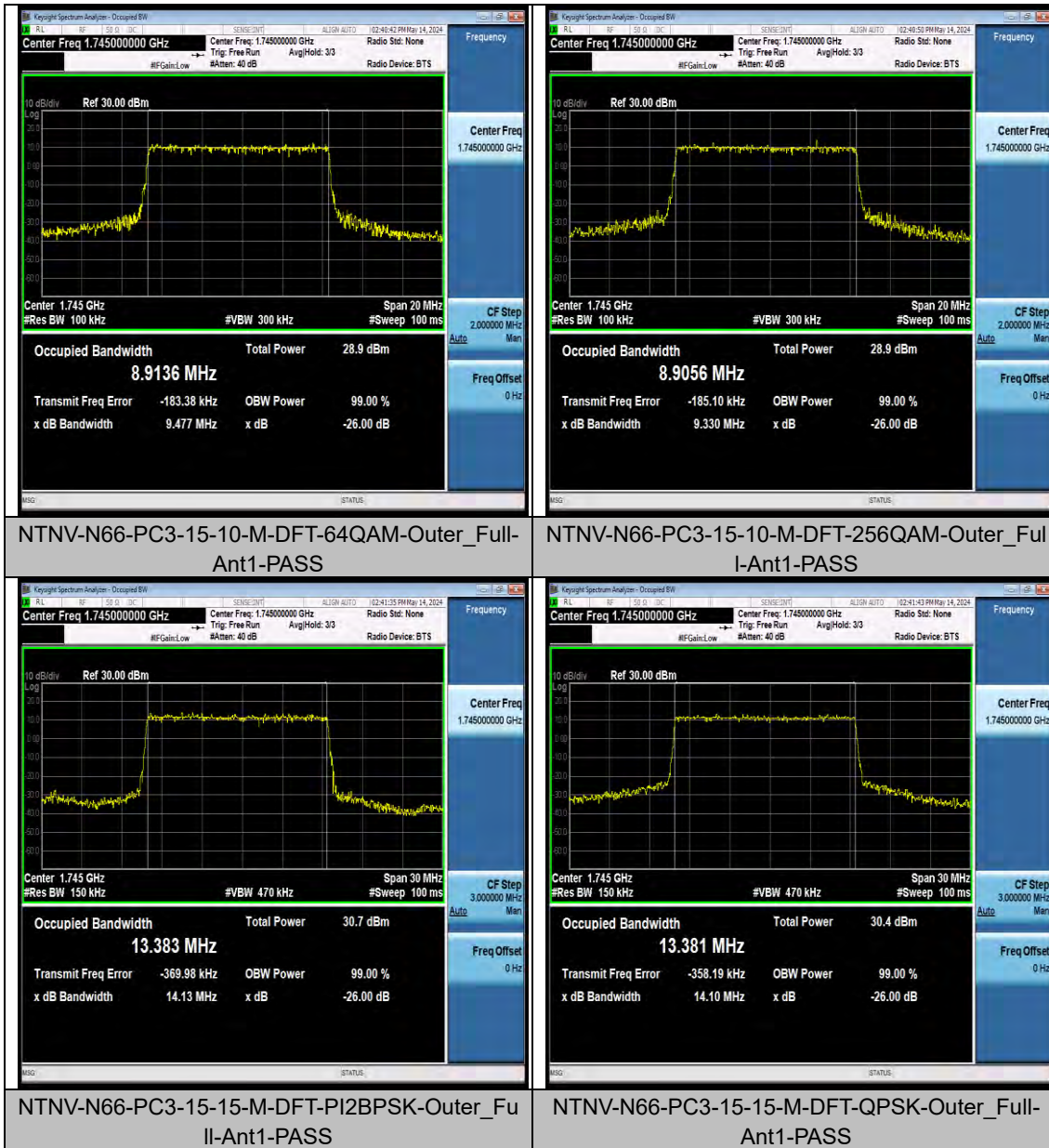
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

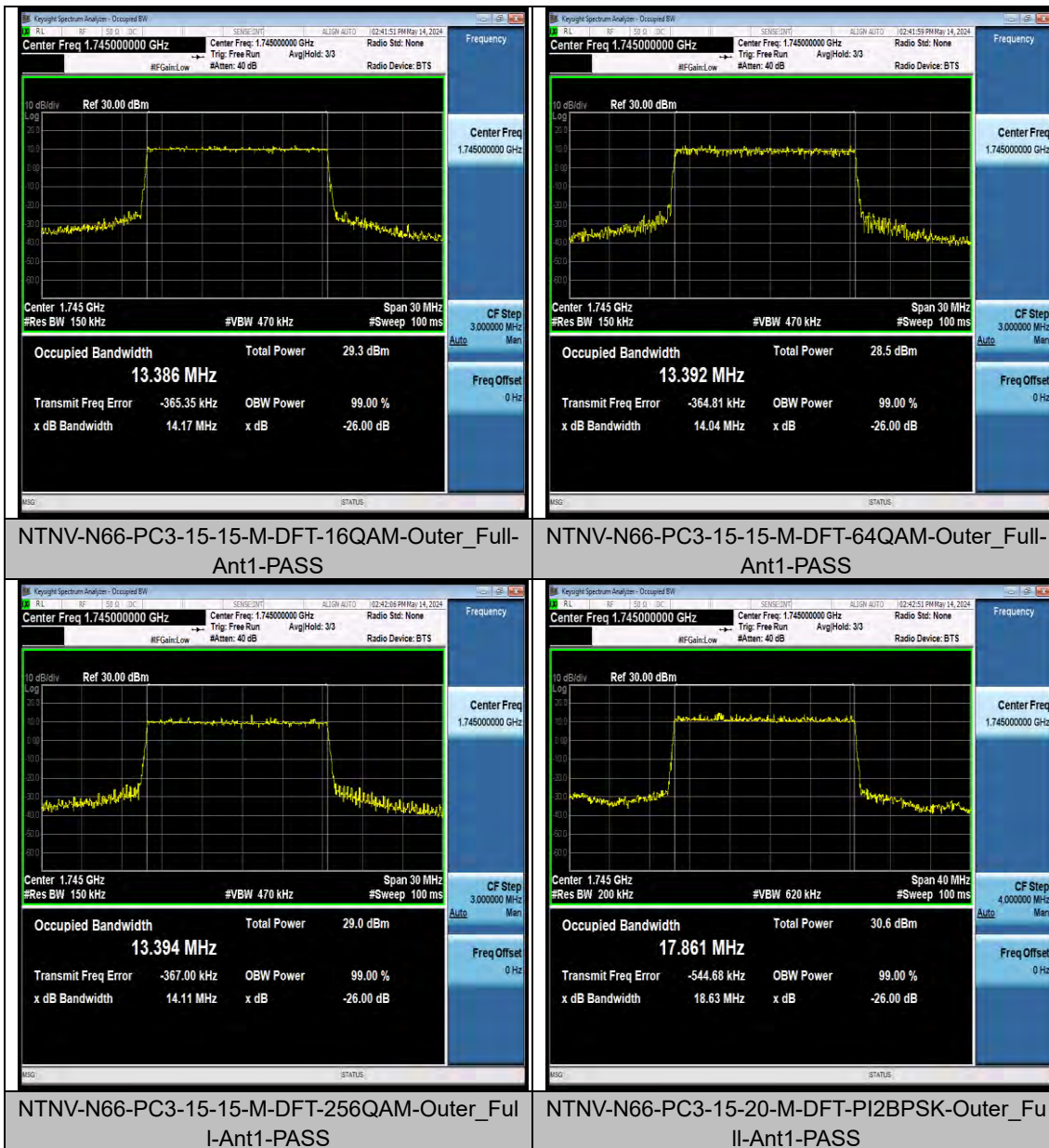
Reference No.: W7L-P24090003RF08





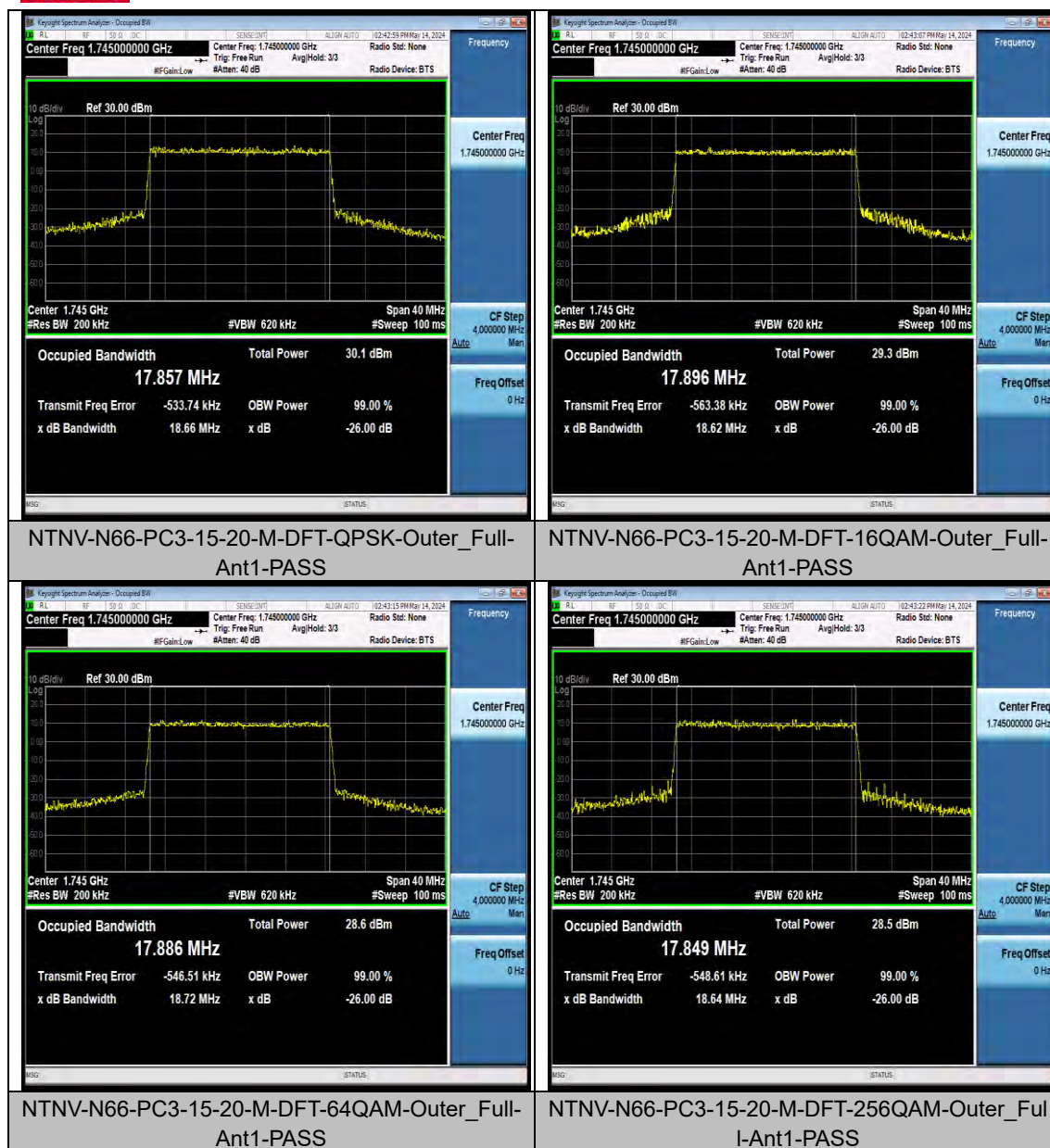
BUREAU
VERITAS

Reference No.: W7L-P24090003RF08





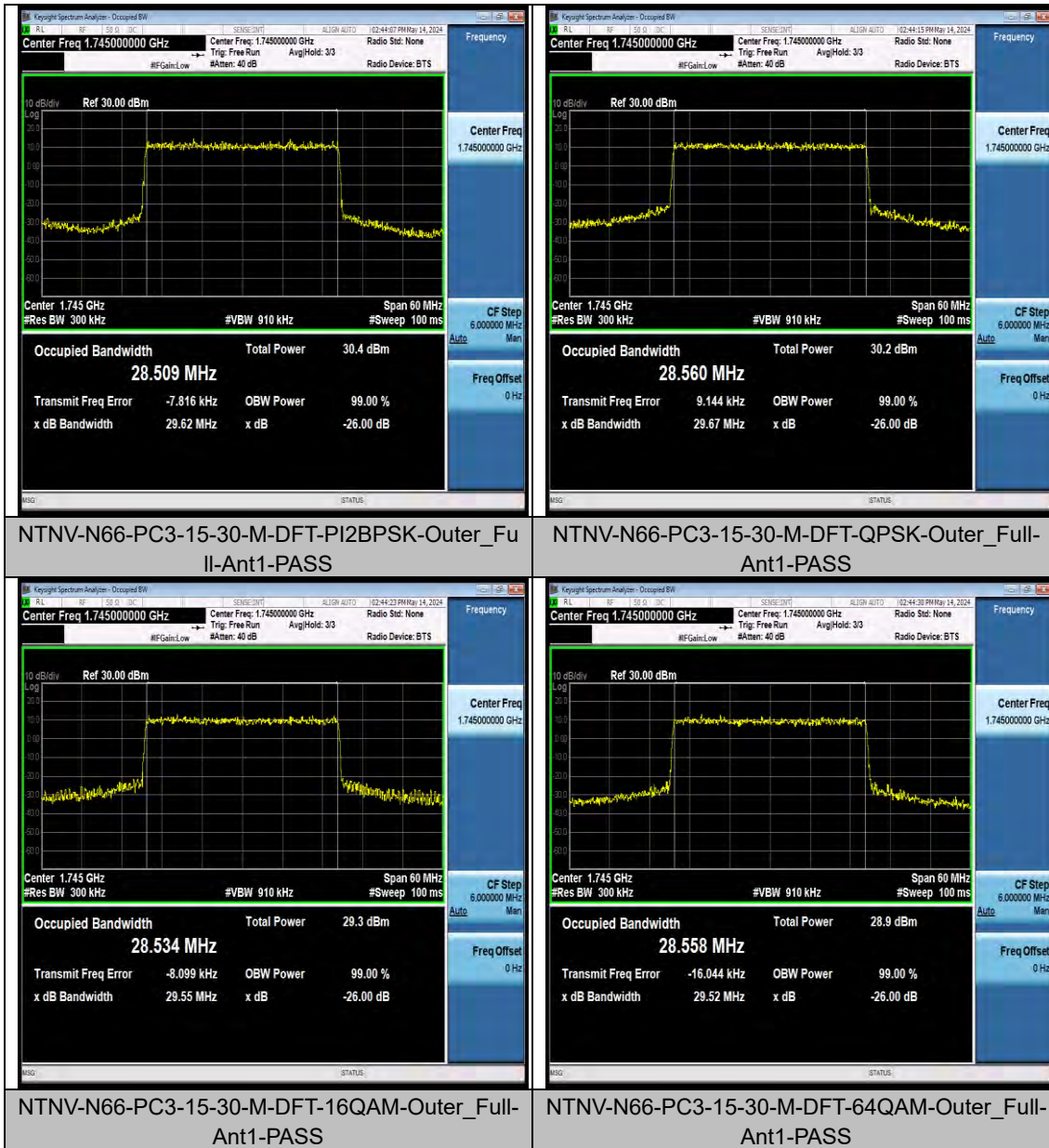
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

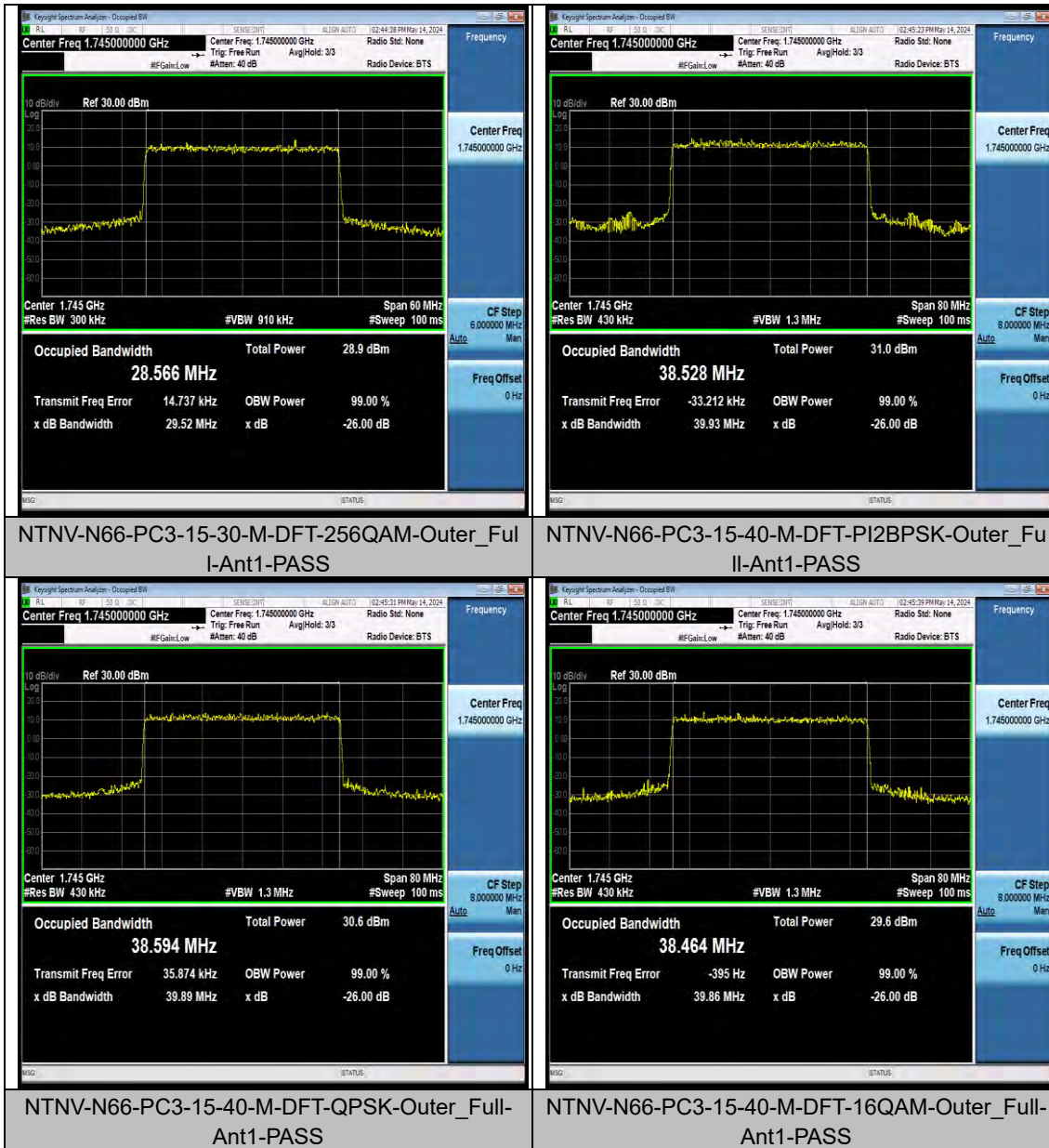
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

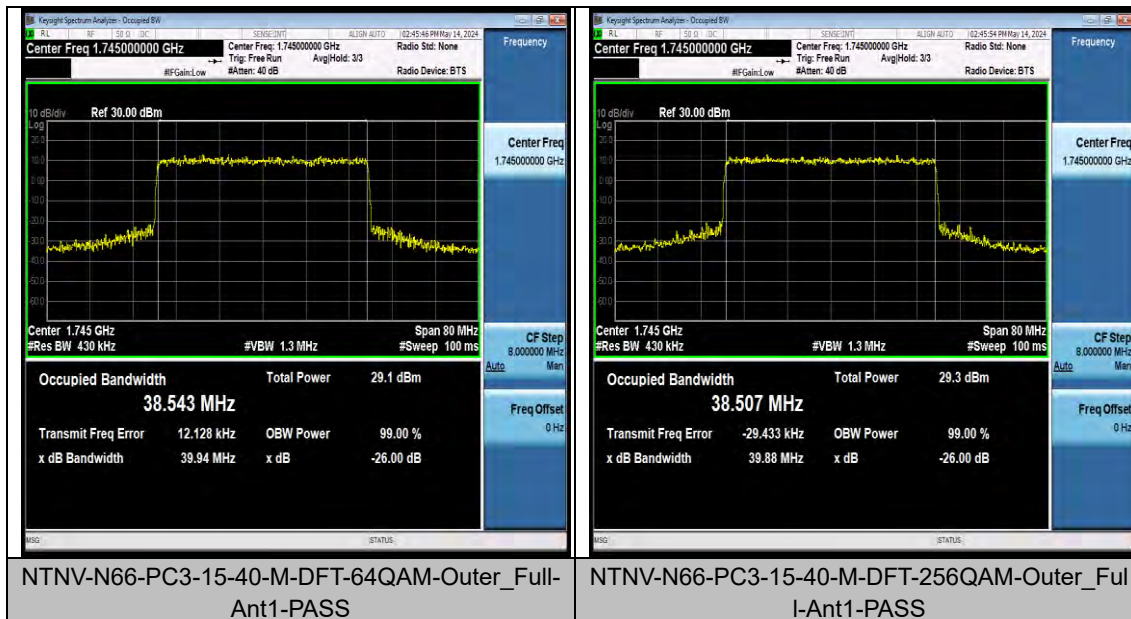
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

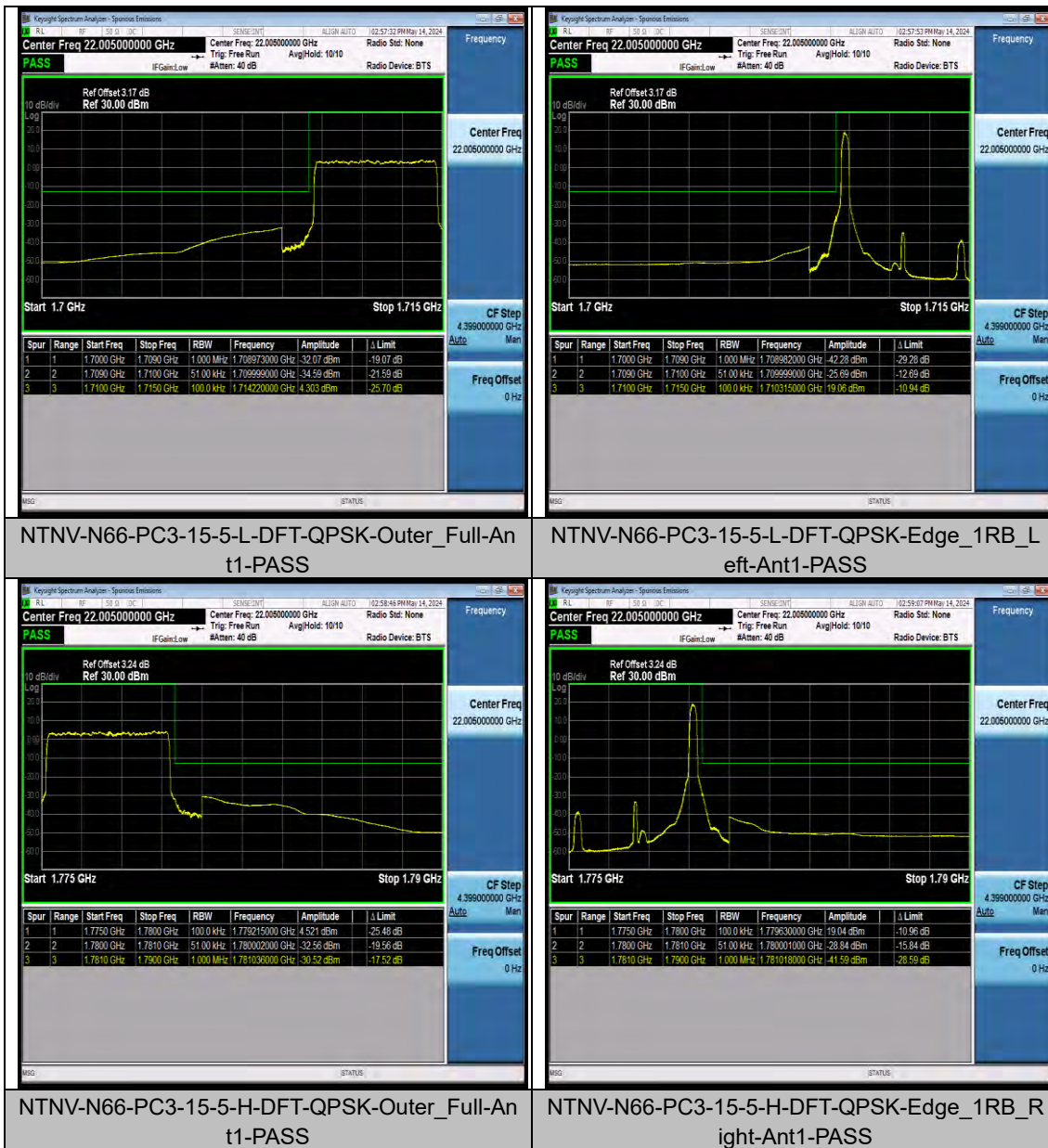
Reference No.: W7L-P24090003RF08



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	-32.07	PASS
N66	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.69	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	-30.52	PASS
N66	15	5	DFT-QPSK	H	Edge_1RB_Right	-28.84	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	-34.50	PASS
N66	15	15	DFT-QPSK	L	Edge_1RB_Left	-35.62	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	-34.07	PASS
N66	15	15	DFT-QPSK	H	Edge_1RB_Right	-36.80	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	-36.11	PASS
N66	15	40	DFT-QPSK	L	Edge_1RB_Left	-38.73	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	-34.48	PASS
N66	15	40	DFT-QPSK	H	Edge_1RB_Right	-38.02	PASS

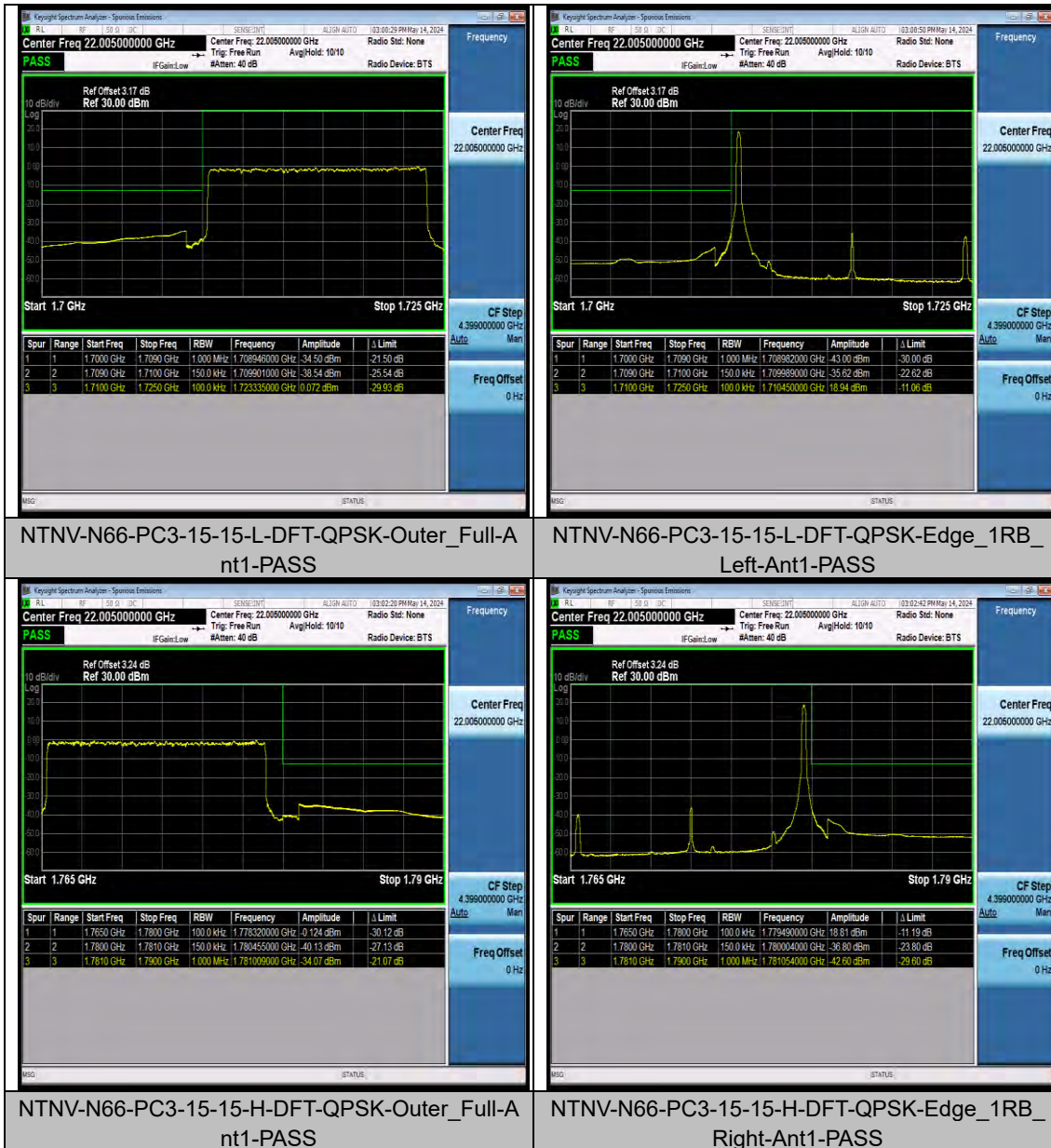
TEST GRAPHS





BUREAU
VERITAS

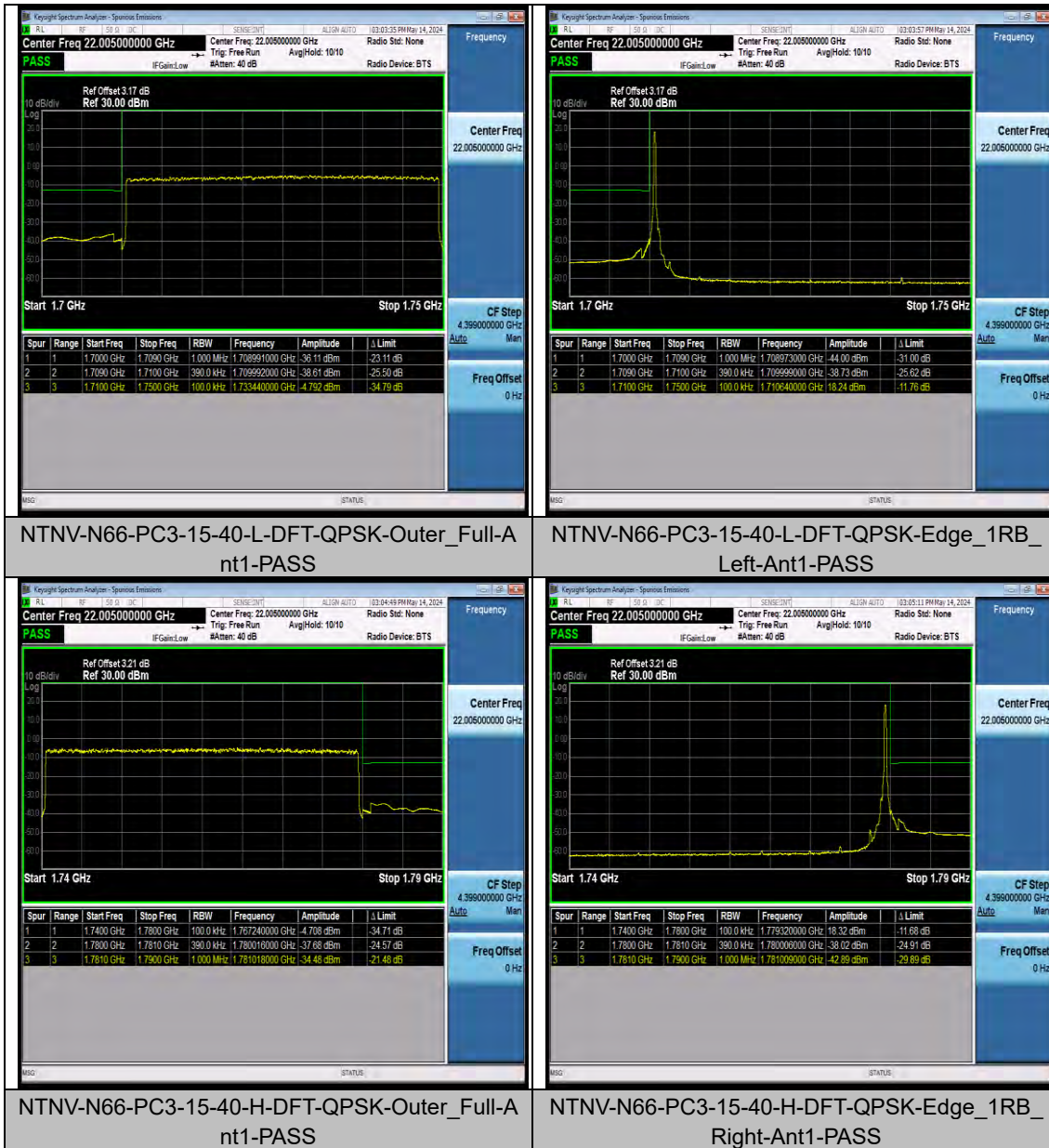
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08



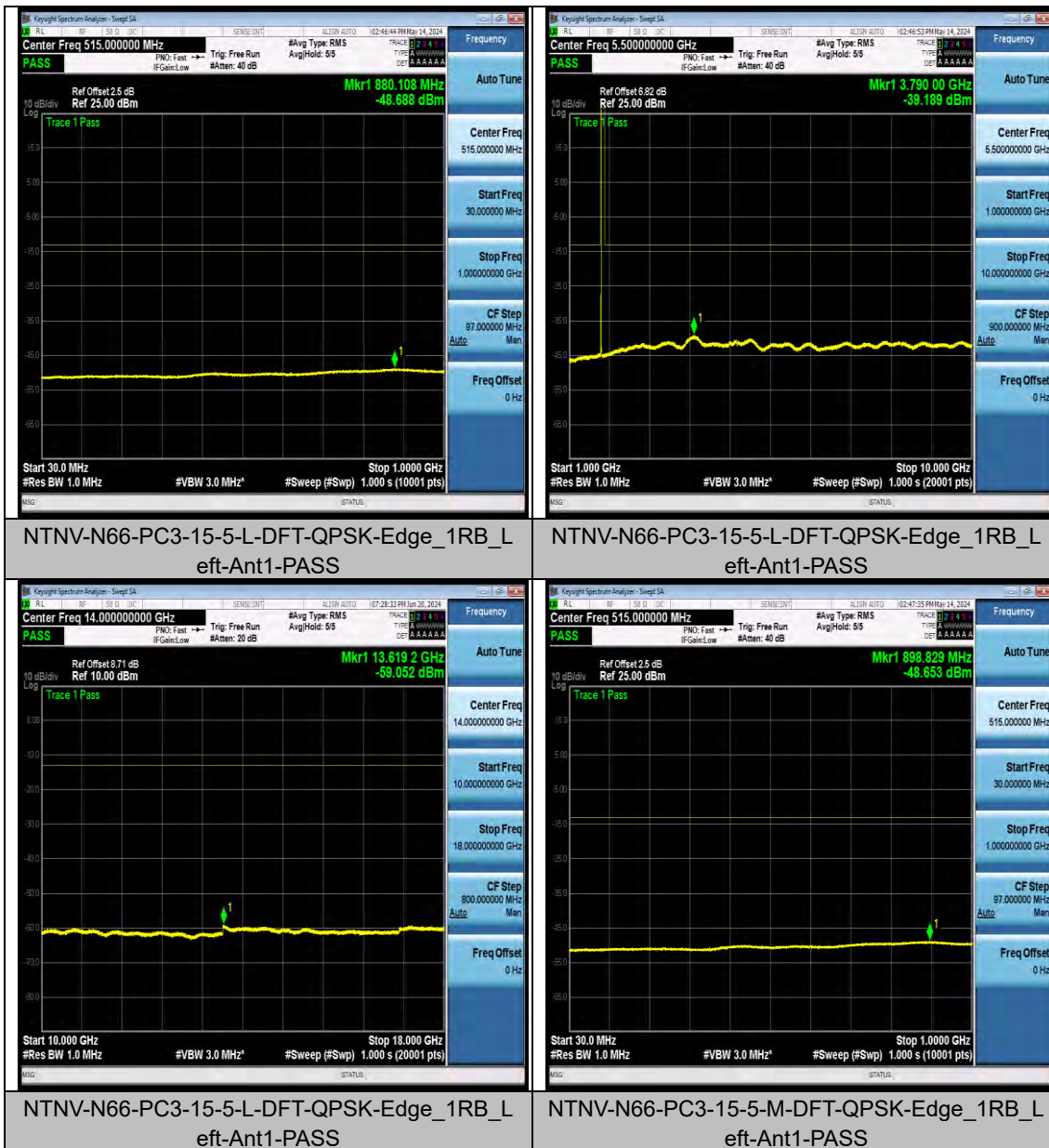


Reference No.: W7L-P24090003RF08

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N66	15	5	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.69	-13	PASS
N66	15	5	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.19	-13	PASS
N66	15	5	DFT-QPSK	L	Edge 1RB Left	10000	18000	-59.05	-13	PASS
N66	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.65	-13	PASS
N66	15	5	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.26	-13	PASS
N66	15	5	DFT-QPSK	M	Edge 1RB Left	10000	18000	-59.03	-13	PASS
N66	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.81	-13	PASS
N66	15	5	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.17	-13	PASS
N66	15	5	DFT-QPSK	H	Edge 1RB Left	10000	18000	-59.04	-13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.73	-13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.07	-13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	10000	18000	-59.01	-13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.75	-13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.11	-13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	10000	18000	-59.06	-13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.75	-13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.08	-13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	10000	18000	-59.00	-13	PASS
N66	15	40	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.65	-13	PASS
N66	15	40	DFT-QPSK	L	Edge 1RB Left	1000	10000	-39.18	-13	PASS
N66	15	40	DFT-QPSK	L	Edge 1RB Left	10000	18000	-59.09	-13	PASS
N66	15	40	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.68	-13	PASS
N66	15	40	DFT-QPSK	M	Edge 1RB Left	1000	10000	-39.16	-13	PASS
N66	15	40	DFT-QPSK	M	Edge 1RB Left	10000	18000	-59.10	-13	PASS
N66	15	40	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.60	-13	PASS
N66	15	40	DFT-QPSK	H	Edge 1RB Left	1000	10000	-39.16	-13	PASS
N66	15	40	DFT-QPSK	H	Edge 1RB Left	10000	18000	-58.90	-13	PASS

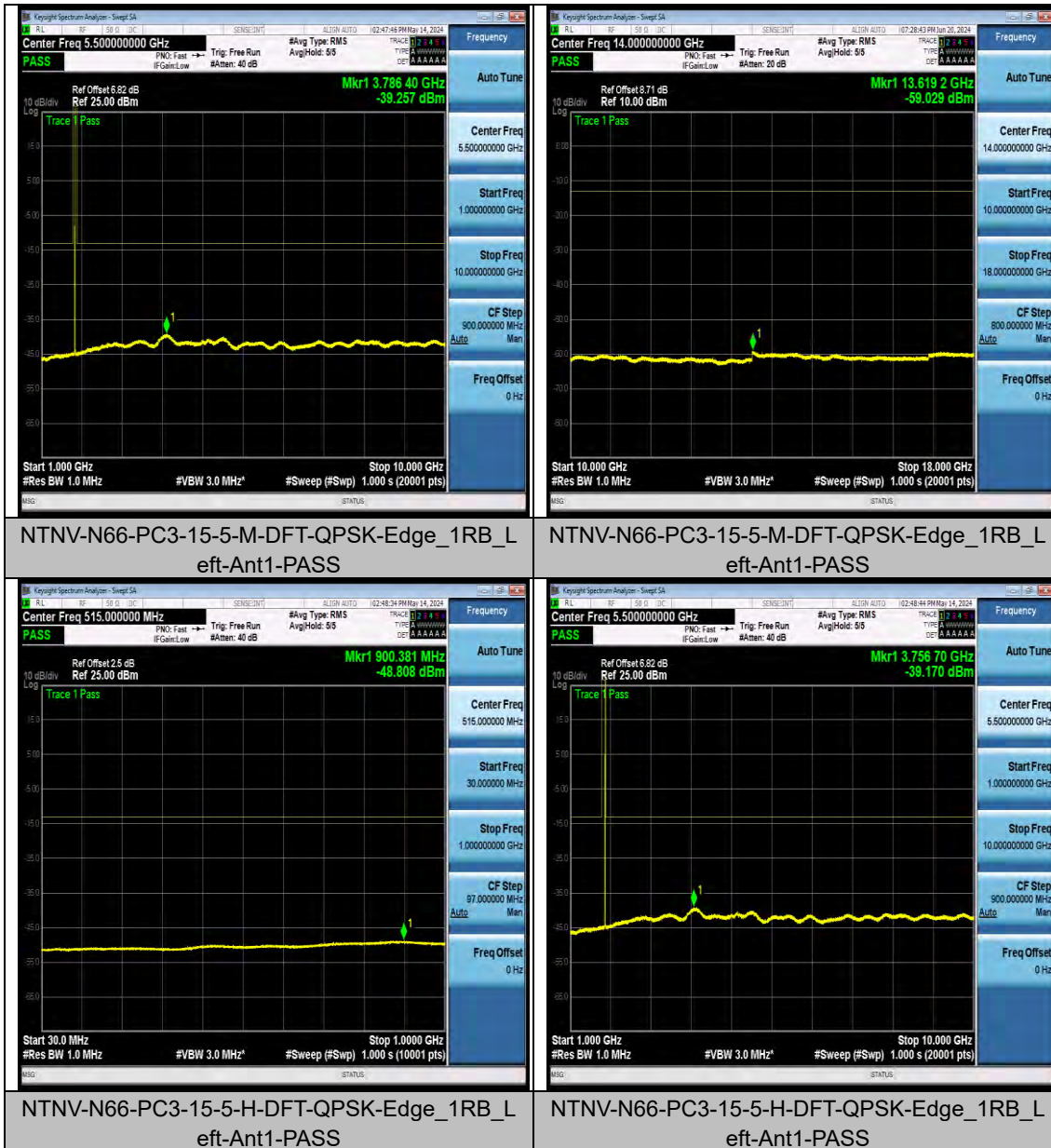
TEST GRAPHS





BUREAU
VERITAS

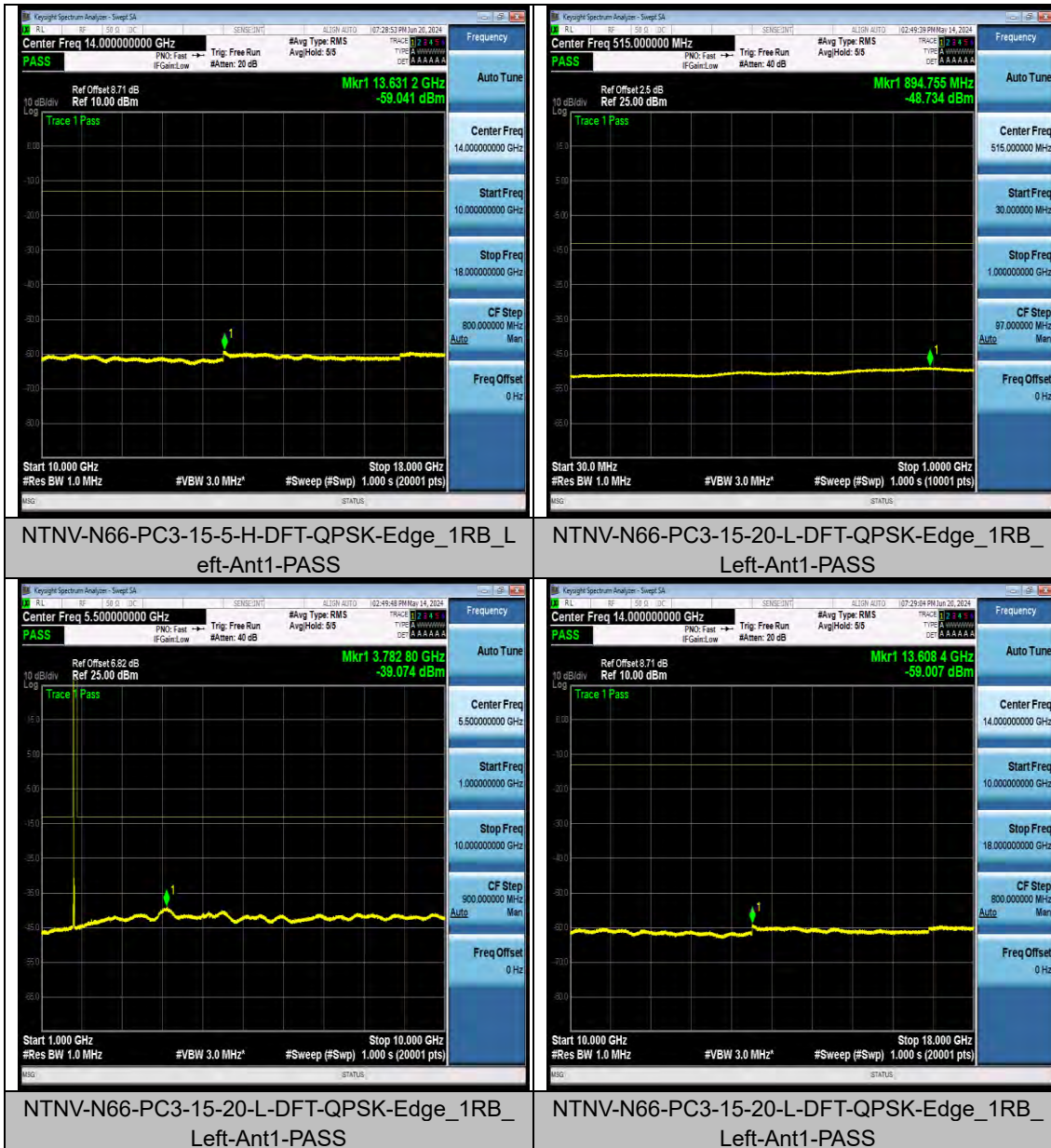
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

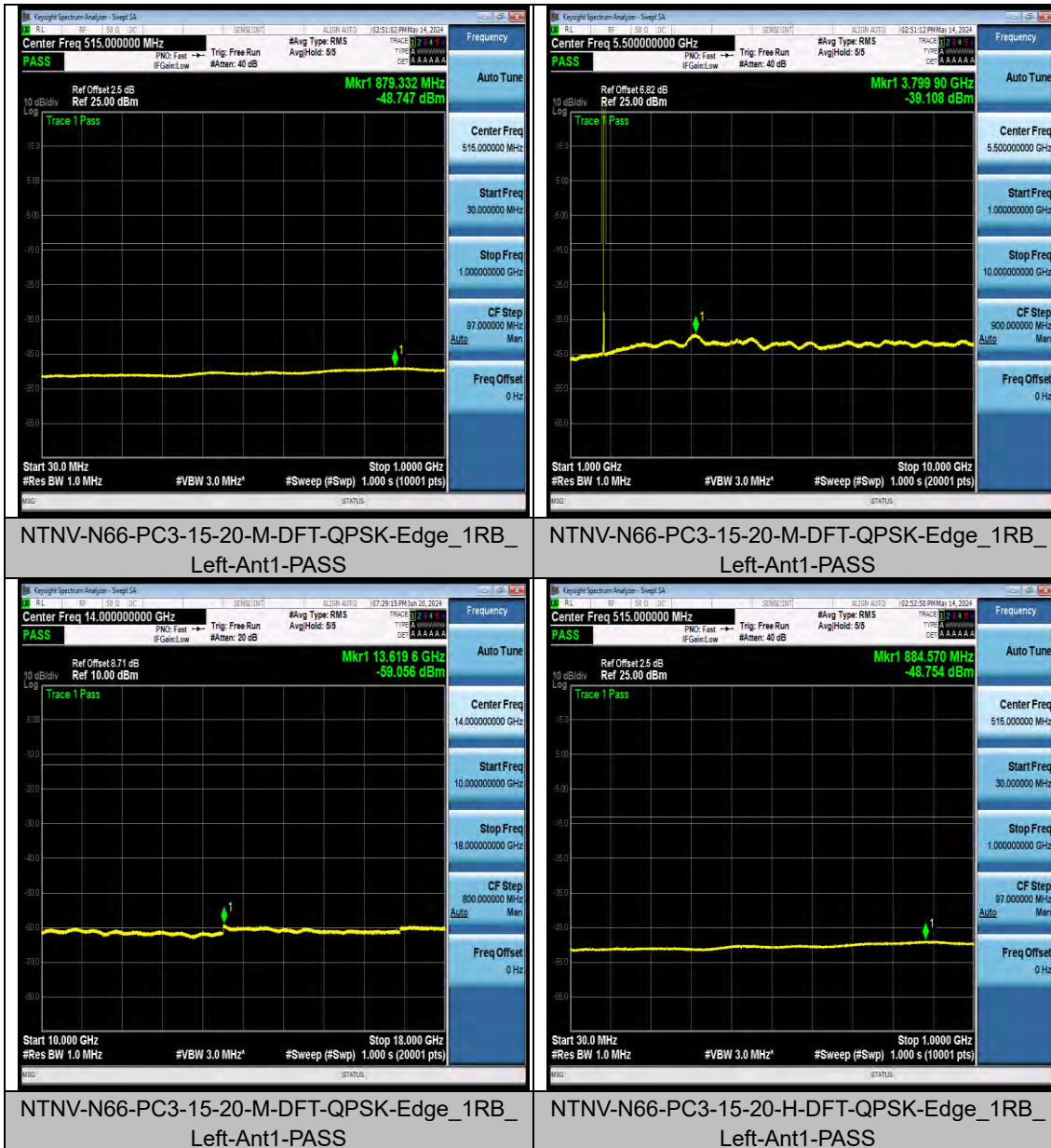
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

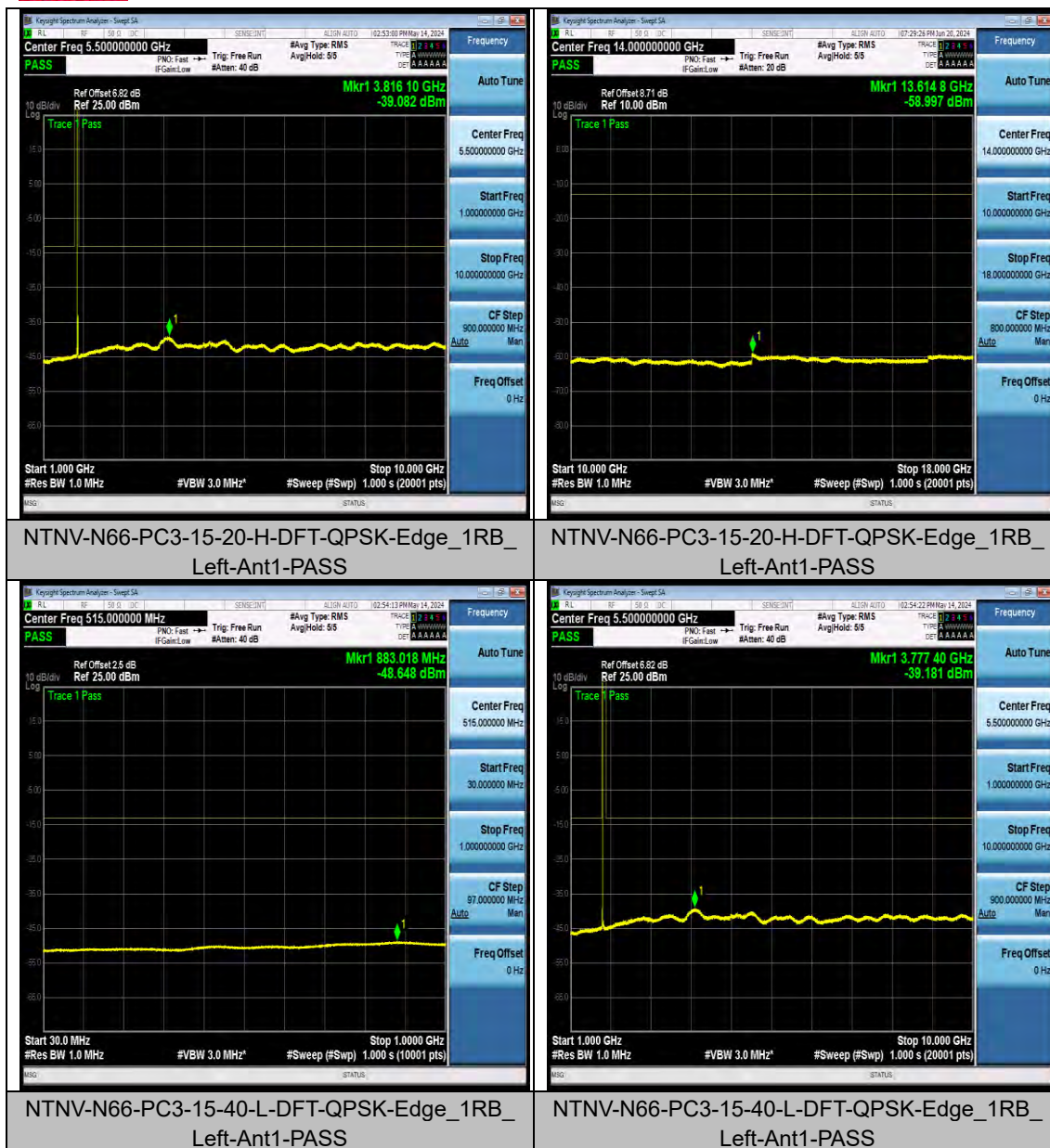
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

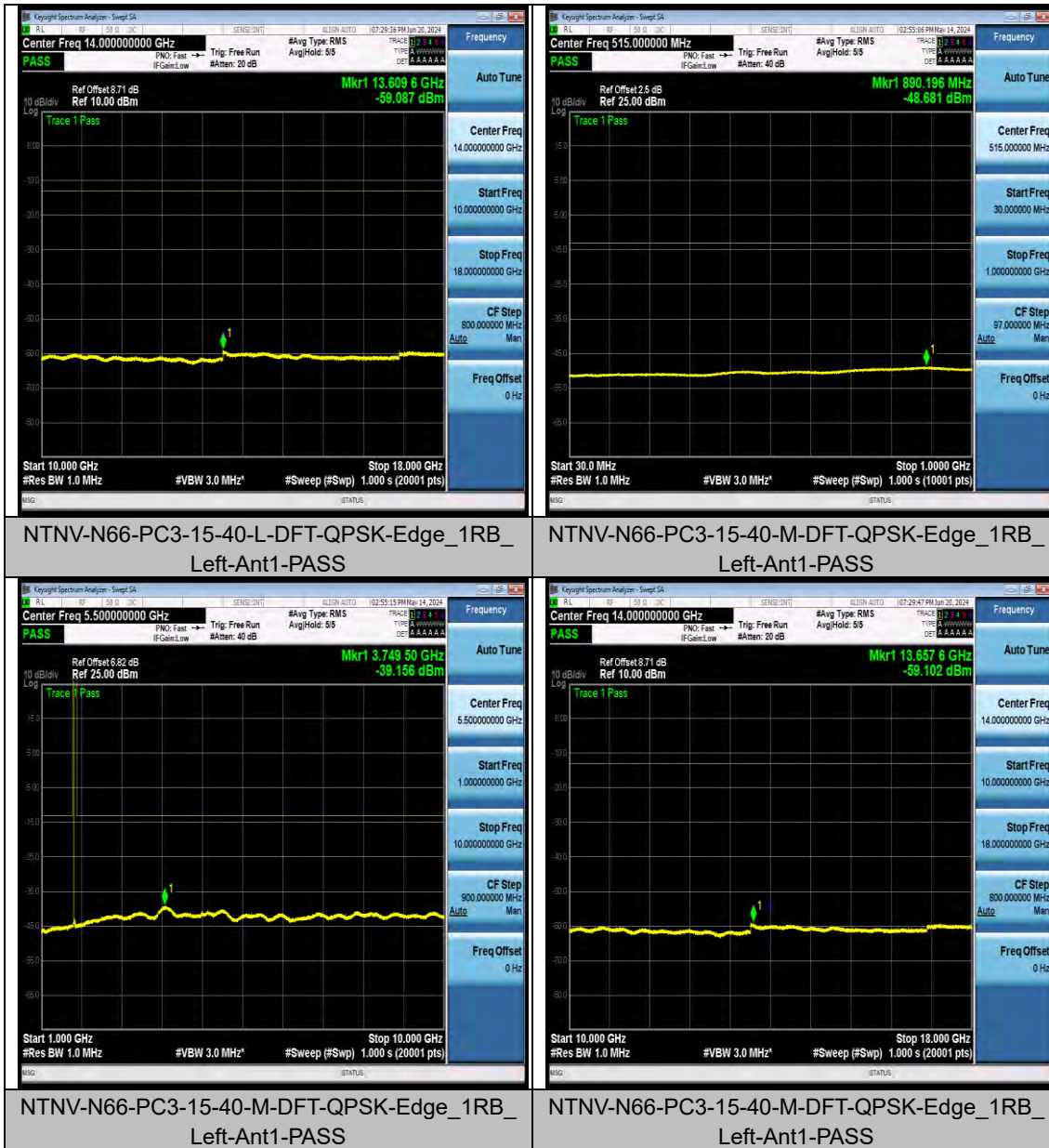
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

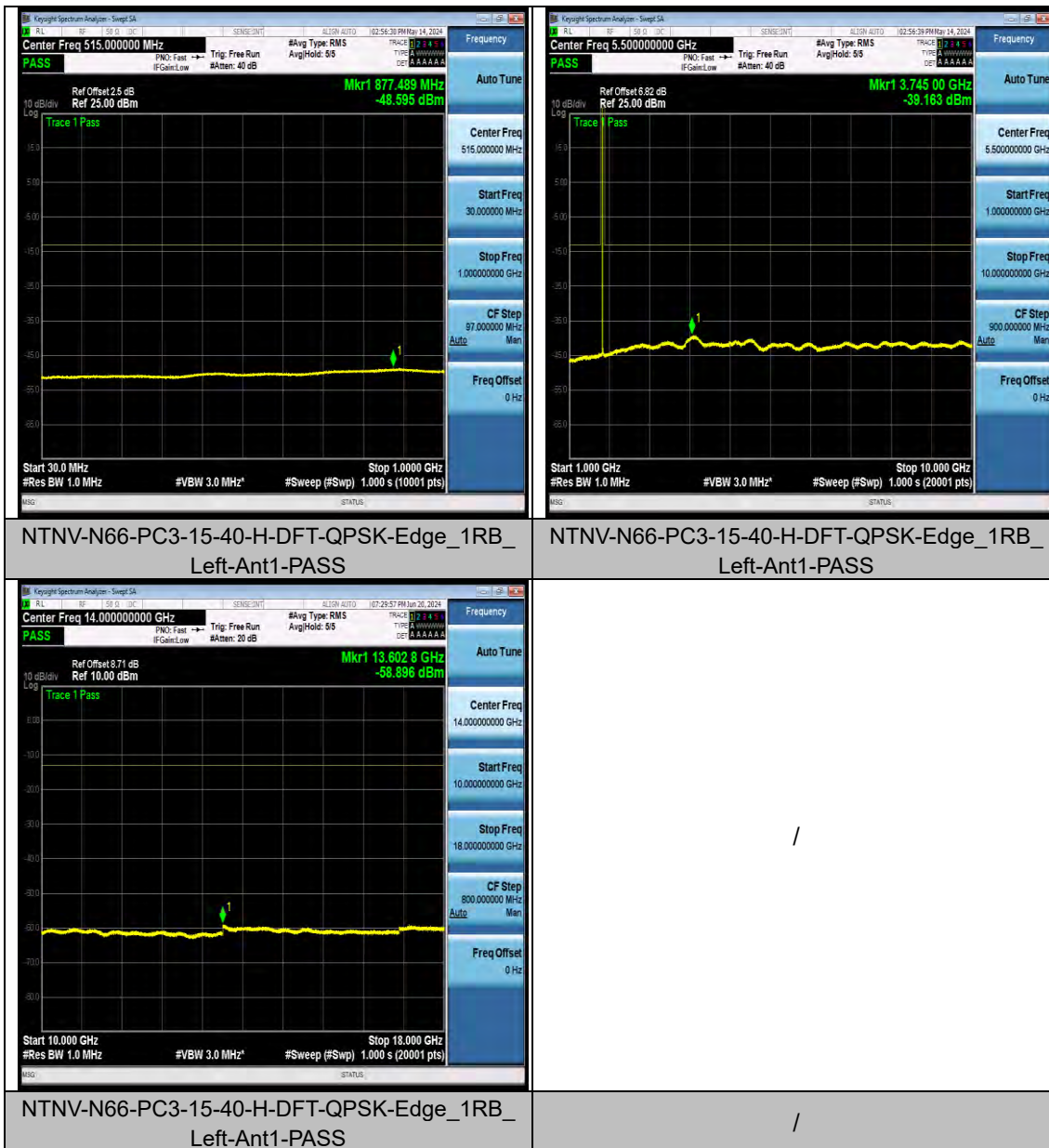
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08





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)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N66	15	20	DFT-QPSK	L	Outer_Fu II	VL	NT	13.00	0.007558	1715.5873	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	VN	NT	5.00	0.002907	1715.3473	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	VH	NT	15.00	0.008721	1715.5650	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	-30	3.00	0.001744	1715.4790	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	-20	14.00	0.008140	1715.5576	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	-10	11.00	0.006395	1715.4041	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	0	2.00	0.001163	1715.4809	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	10	13.00	0.007558	1715.5089	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	20	13.00	0.007558	1715.4853	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	30	5.00	0.002907	1715.3121	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	40	15.00	0.008721	1715.5119	---	1710-1780	PASS
N66	15	20	DFT-QPSK	L	Outer_Fu II	NV	50	7.00	0.004070	1715.4971	---	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	VL	NT	14.00	0.007910	---	1774.6996	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	VN	NT	1.00	0.000565	---	1774.7051	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	VH	NT	18.00	0.010169	---	1774.7511	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	-30	19.00	0.010734	---	1774.6490	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	-20	17.00	0.009605	---	1774.7424	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	-10	5.00	0.002825	---	1774.7048	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	0	15.00	0.008475	---	1774.6969	1710-1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	10	4.00	0.002260	---	1774.70	1710-1780	PASS



Reference No.: W7L-P24090003RF08

					II						64	1780	
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	20	14.00	0.007910	---	1774.73 19	1710- 1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	30	15.00	0.008475	---	1774.69 21	1710- 1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	40	7.00	0.003955	---	1774.67 05	1710- 1780	PASS
N66	15	20	DFT-QPSK	H	Outer_Fu II	NV	50	17.00	0.009605	---	1774.71 96	1710- 1780	PASS



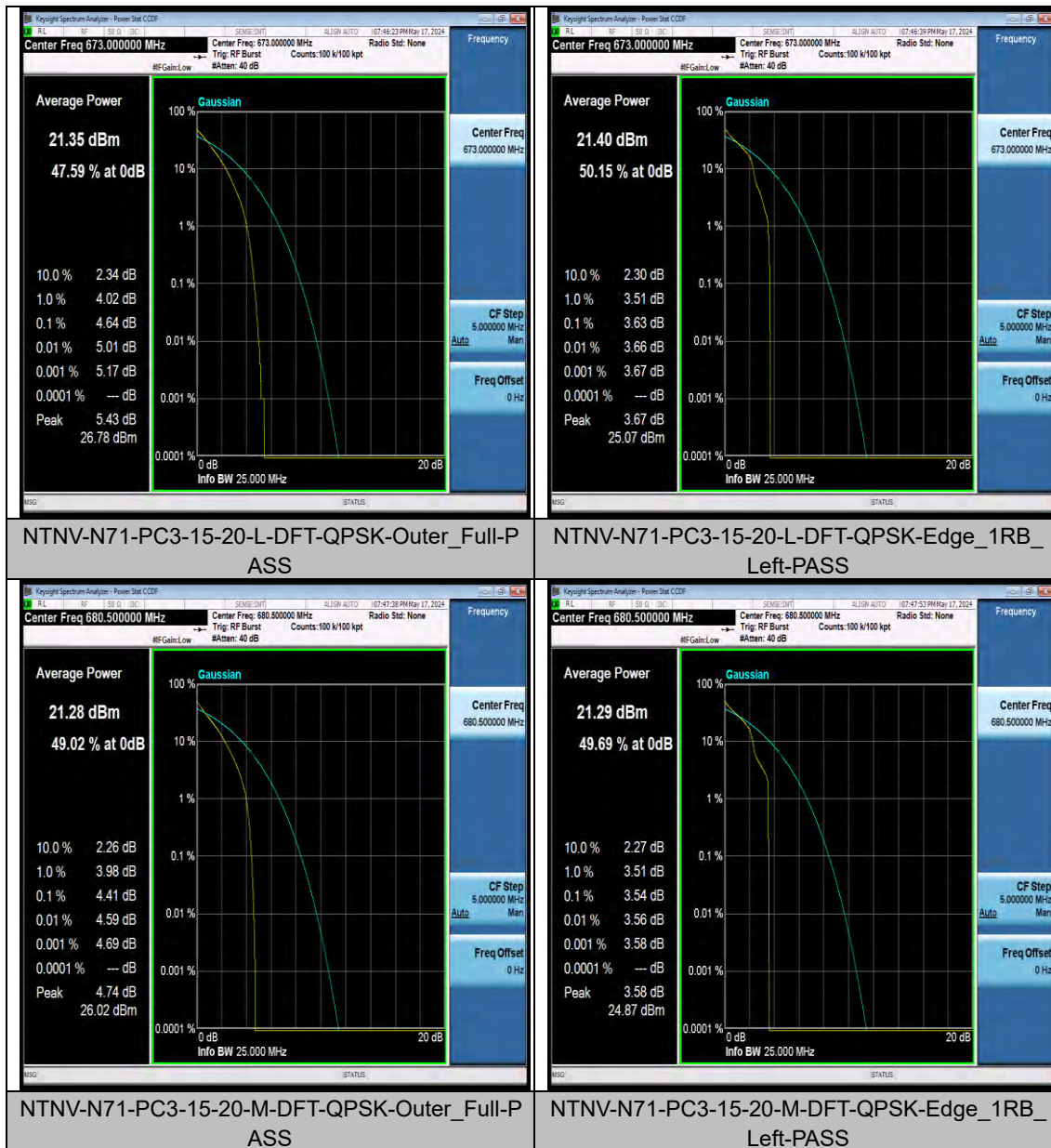
Reference No.: W7L-P24090003RF08

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	4.64	≤ 13	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	3.63	≤ 13	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	4.41	≤ 13	PASS
N71	15	20	DFT-QPSK	M	Edge_1RB_Left	3.54	≤ 13	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	4.55	≤ 13	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Left	3.83	≤ 13	PASS

TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08





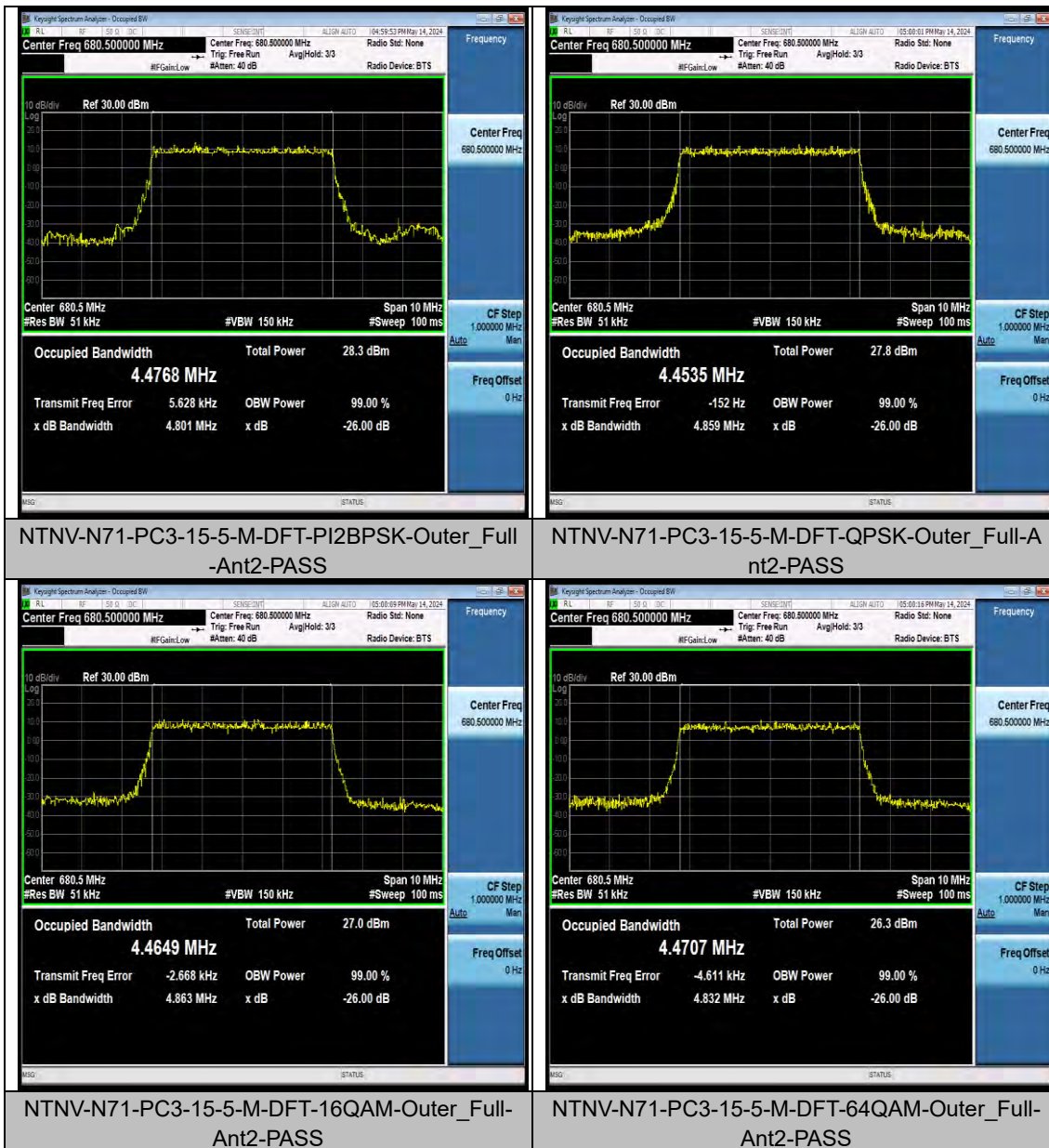
Reference No.: W7L-P24090003RF08

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.4768	4.801	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.4535	4.859	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.4649	4.863	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.4707	4.832	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.4706	4.832	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.9055	9.394	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.9000	9.415	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.9244	9.362	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.8992	9.497	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.8978	9.329	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.381	14.09	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.371	13.98	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.393	14.04	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.353	14.06	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.370	14.06	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.850	18.53	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.820	18.61	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.872	18.66	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.846	18.58	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.822	18.65	PASS

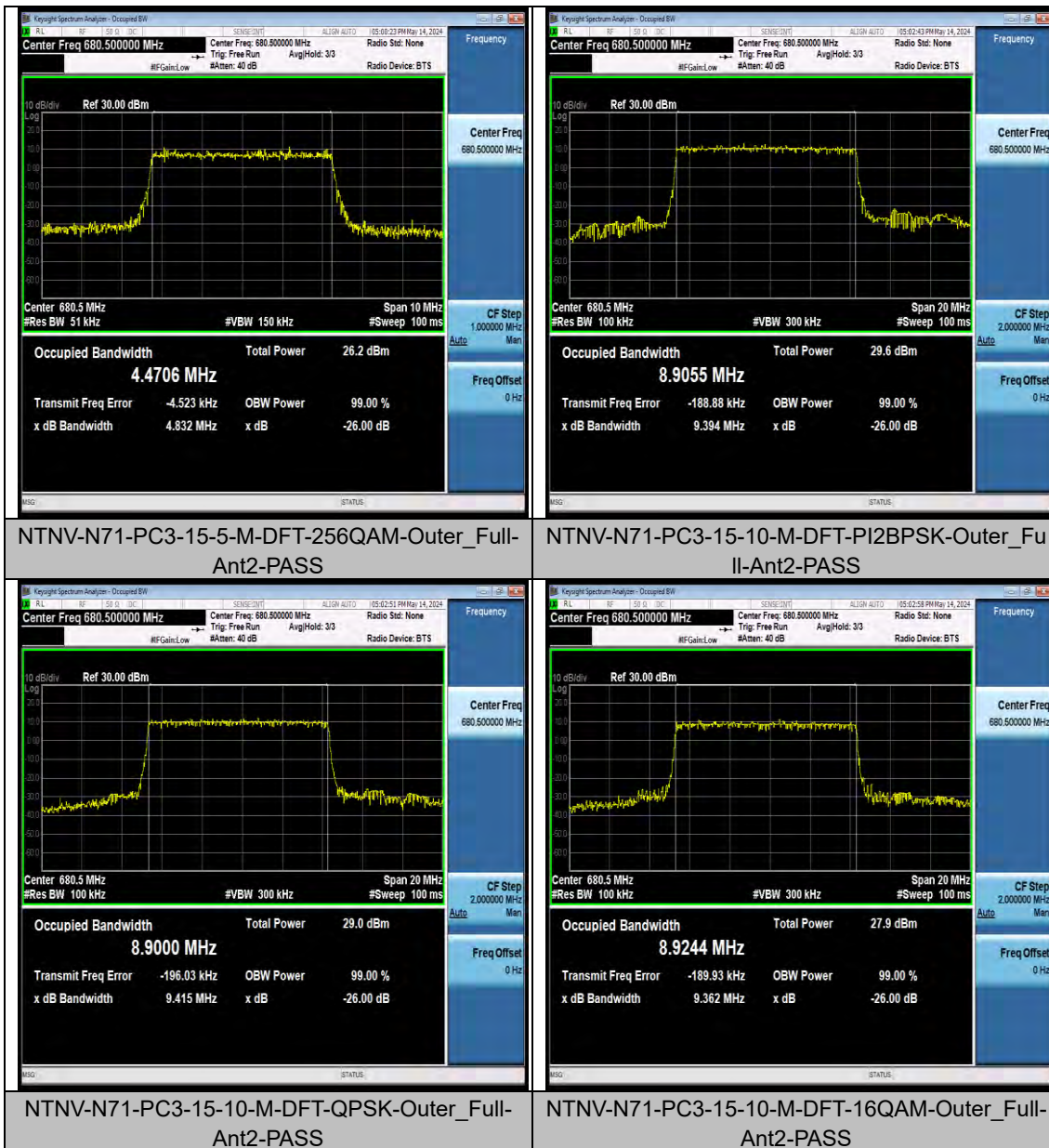
TEST GRAPHS





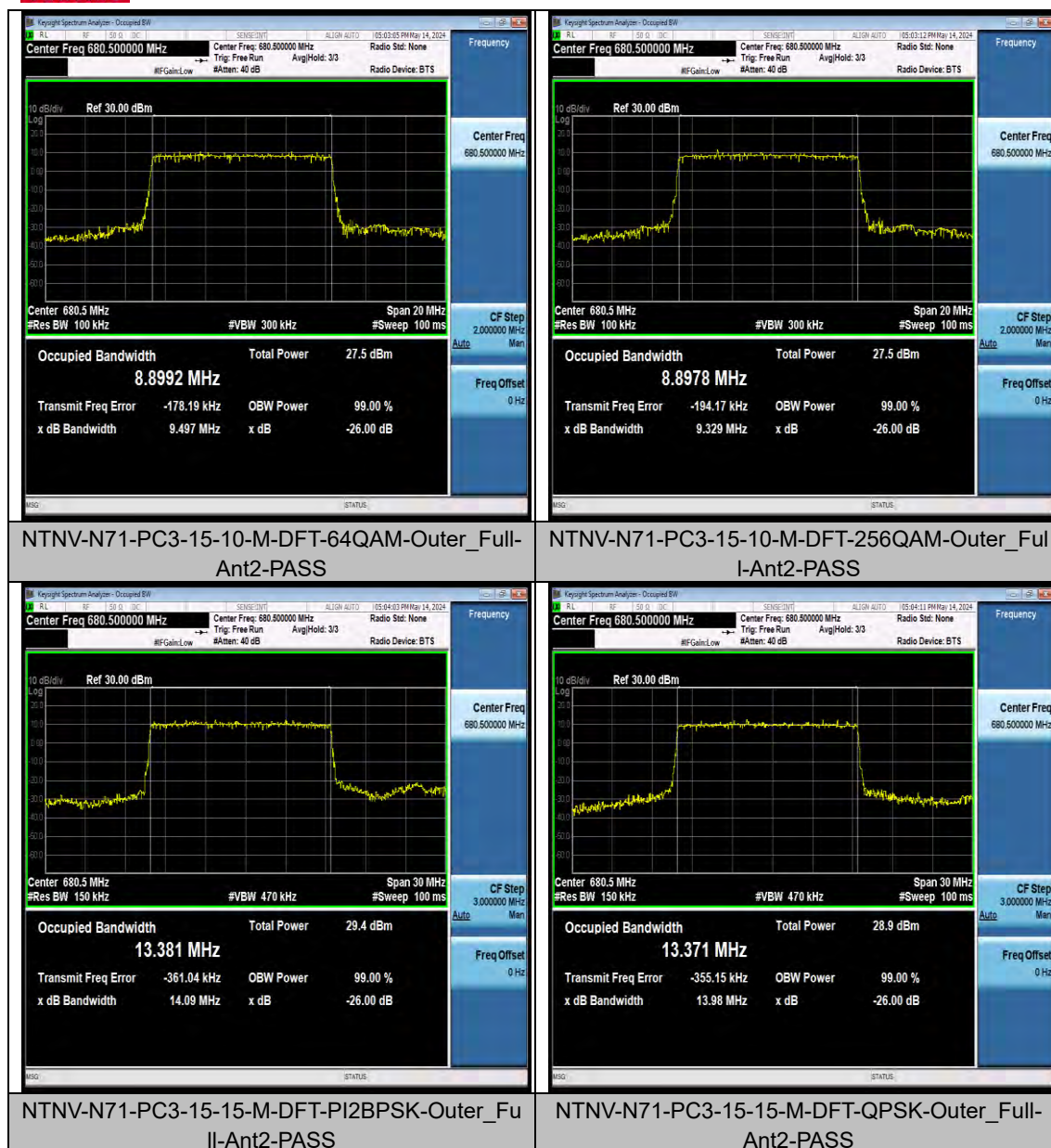
BUREAU
VERITAS

Reference No.: W7L-P24090003RF08





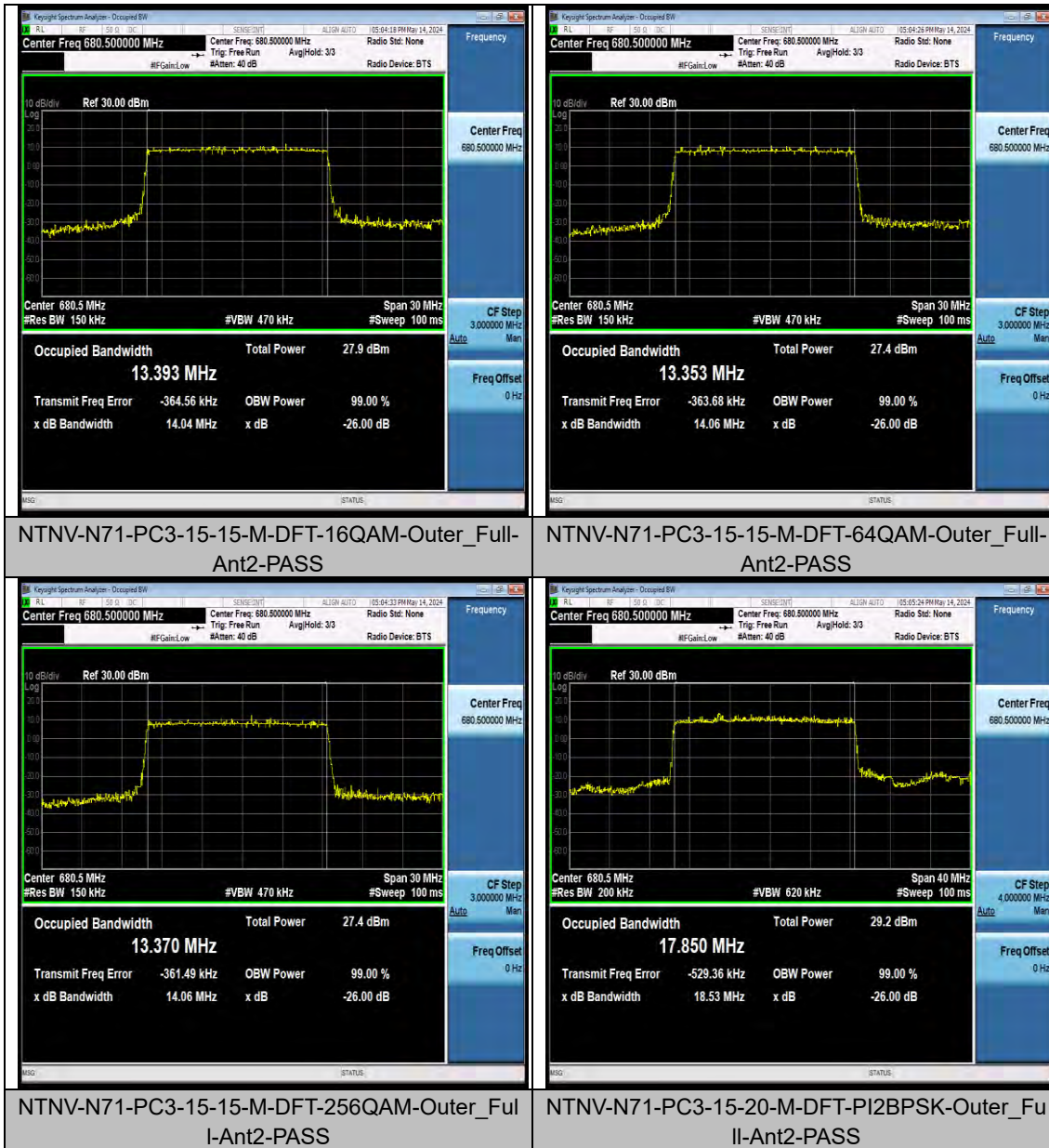
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

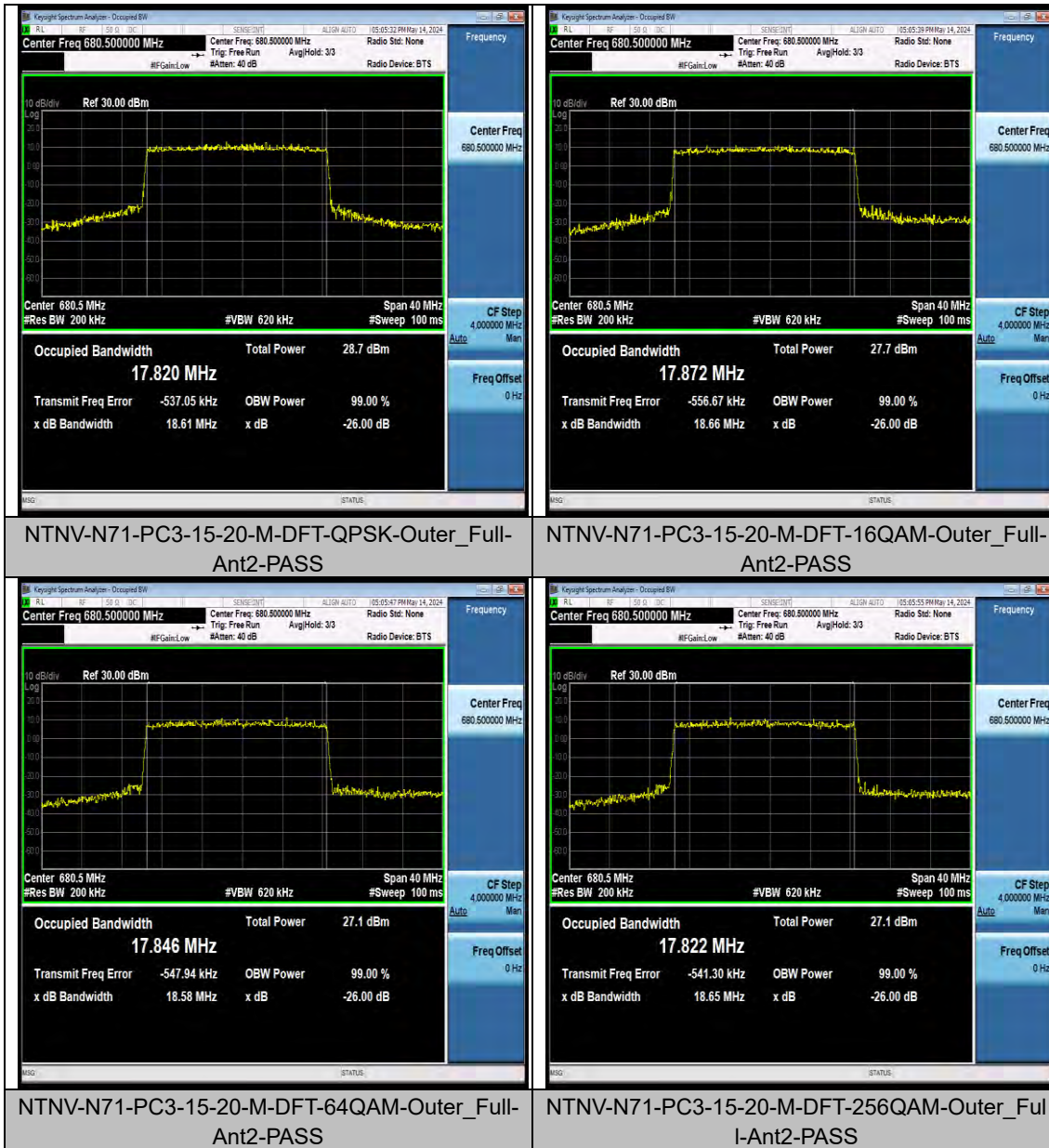
Reference No.: W7L-P24090003RF08





BUREAU
VERITAS

Reference No.: W7L-P24090003RF08



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	-36.49	PASS
N71	15	5	DFT-QPSK	L	Edge_1RB_Left	-25.88	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	-34.49	PASS
N71	15	5	DFT-QPSK	H	Edge_1RB_Right	-27.92	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	-39.57	PASS
N71	15	10	DFT-QPSK	L	Edge_1RB_Left	-27.82	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	-38.80	PASS
N71	15	10	DFT-QPSK	H	Edge_1RB_Right	-30.21	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	-40.75	PASS
N71	15	20	DFT-QPSK	L	Edge_1RB_Left	-34.94	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	-39.99	PASS
N71	15	20	DFT-QPSK	H	Edge_1RB_Right	-36.19	PASS

TEST GRAPHS

