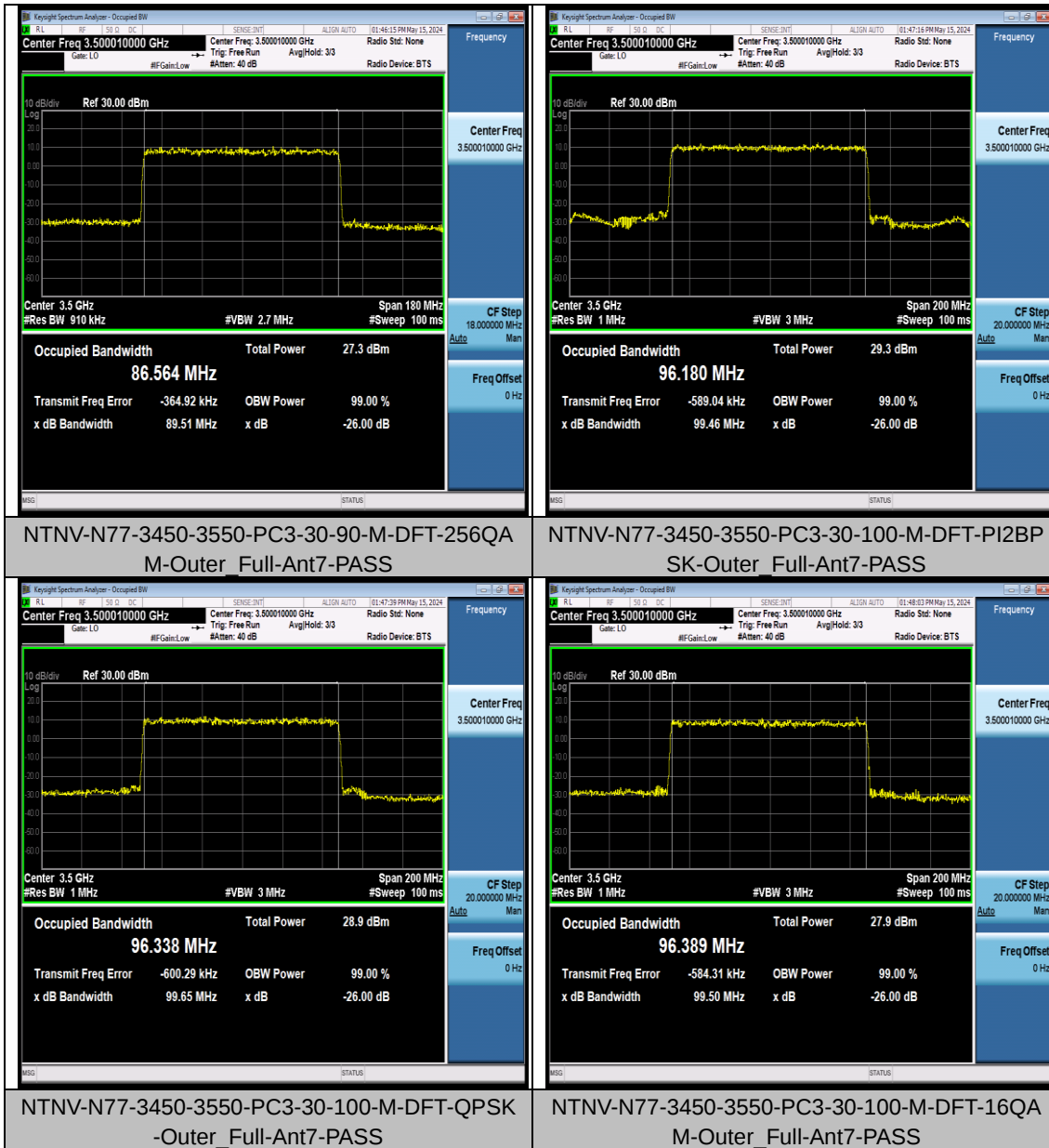




BUREAU
VERITAS

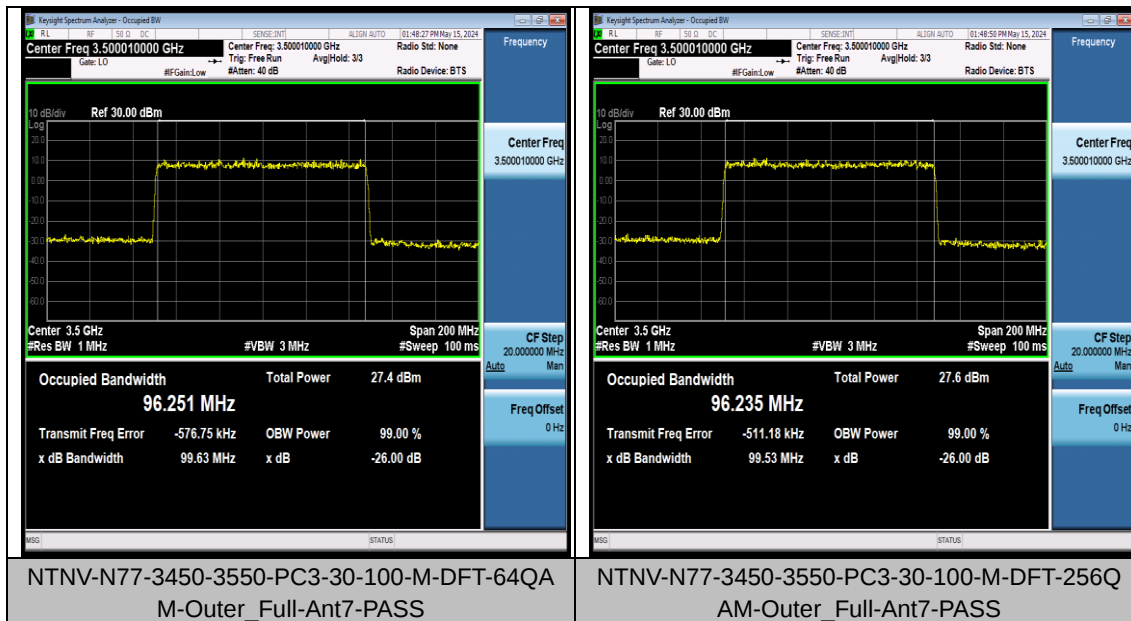
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

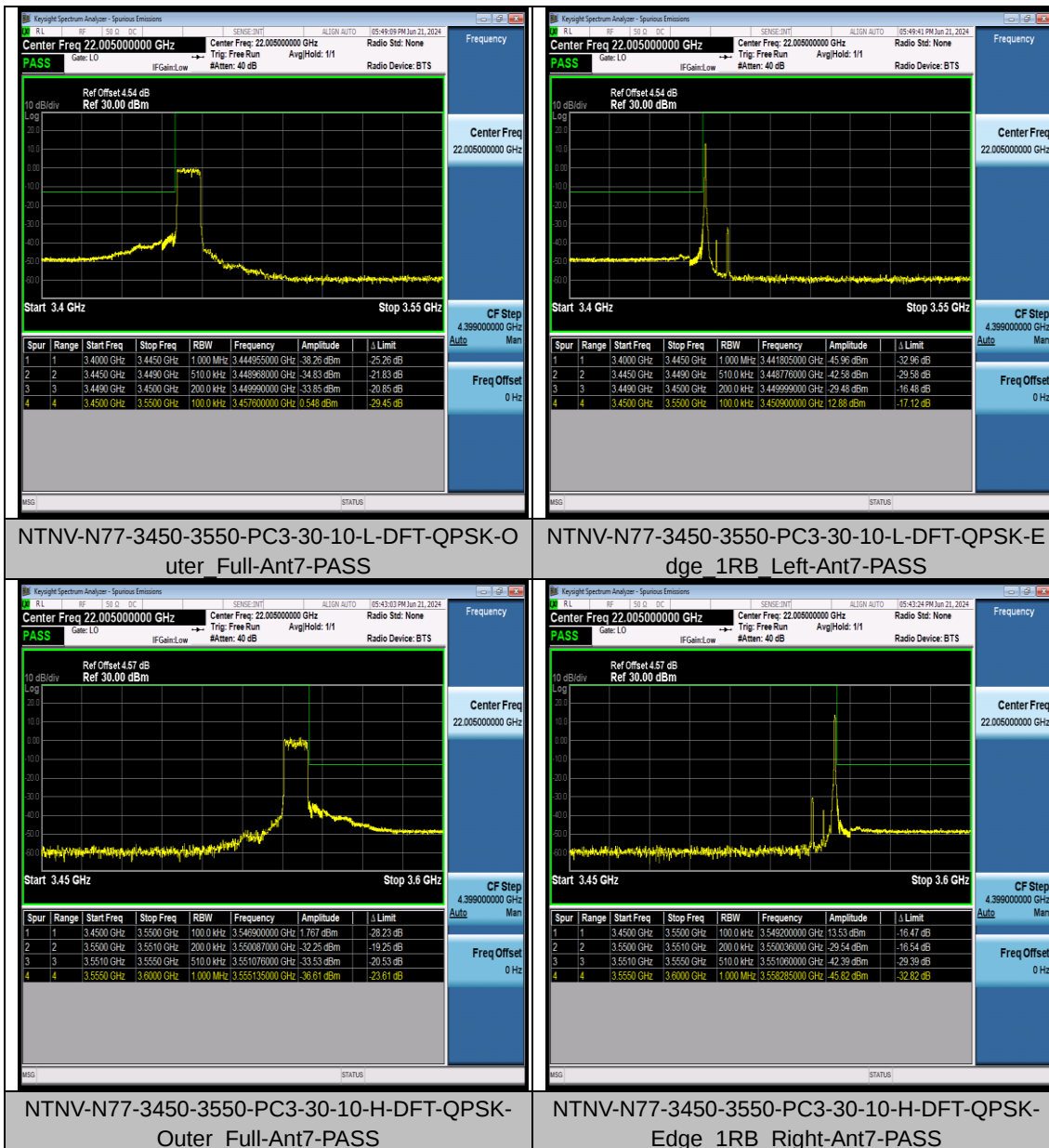
Reference No.: PSZ-NQN2412090319RF08



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	-33.85	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	-29.48	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	-32.25	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Right	-29.54	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	-40.64	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Edge_1RB_Left	-37.71	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	-37.99	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Edge_1RB_Right	-37.48	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	-37.38	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Edge_1RB_Left	-33.38	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Edge_1RB_Right	-30.84	PASS

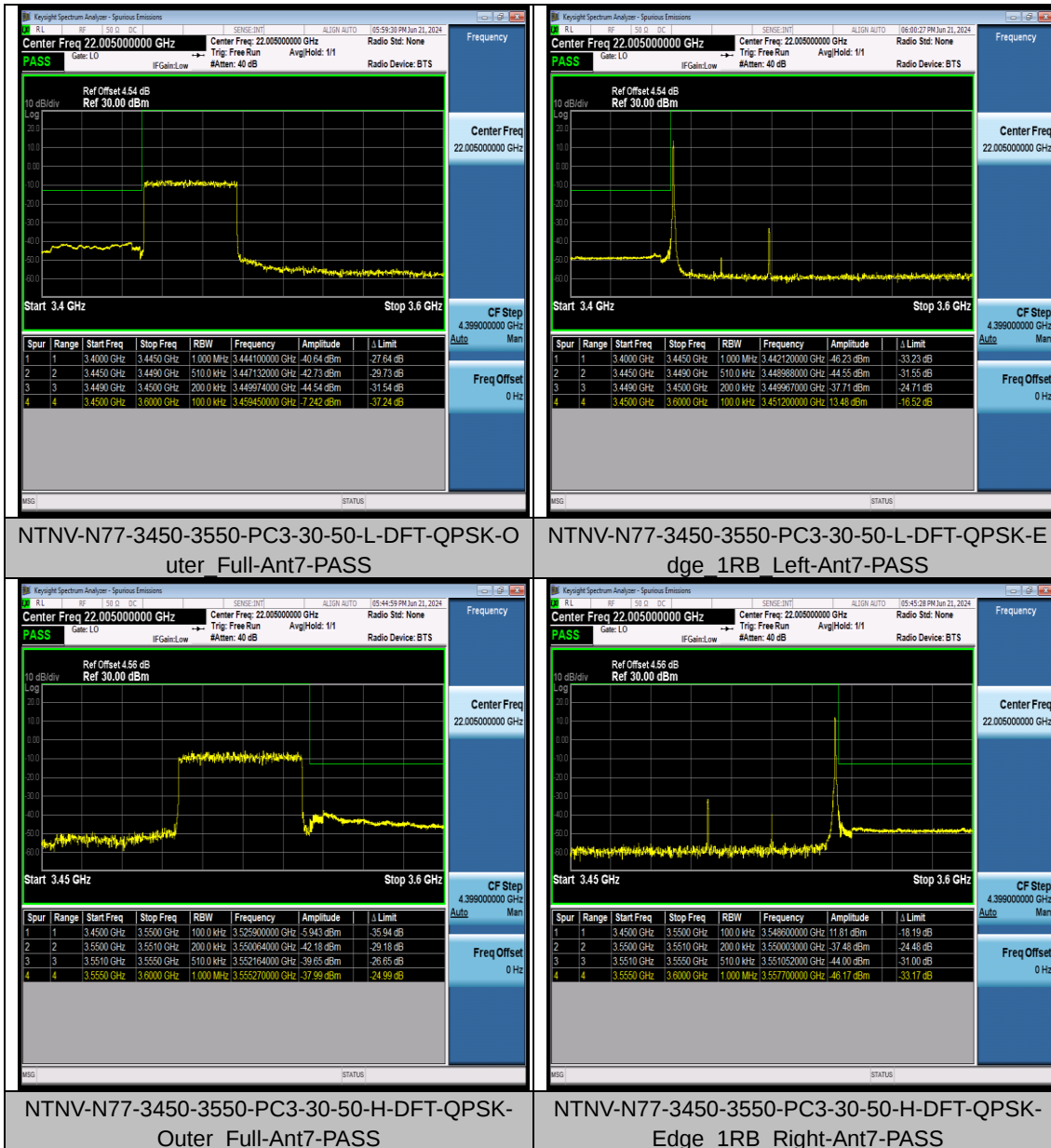
TEST GRAPHS





BUREAU
VERITAS

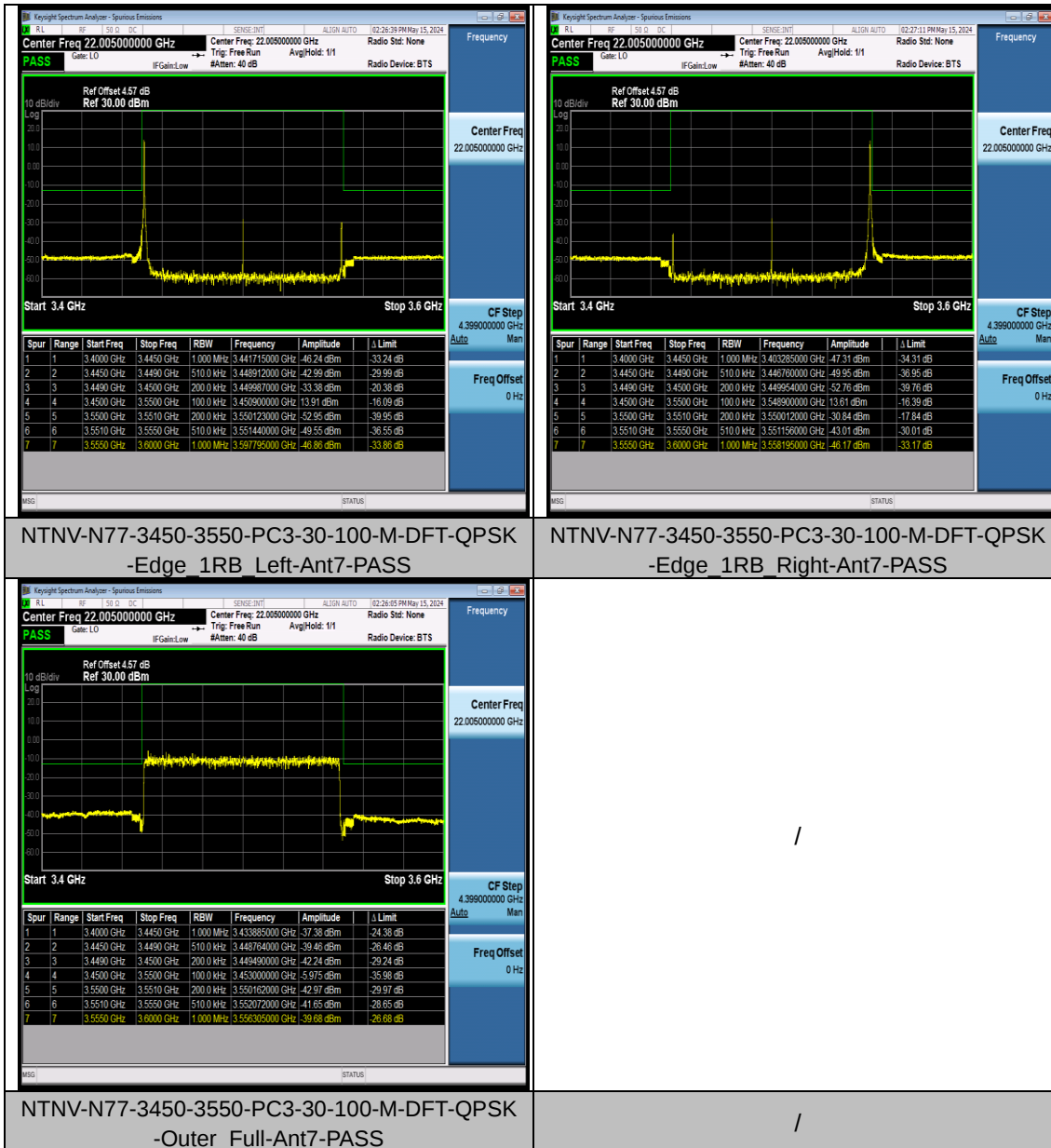
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

Reference No.: PSZ-NQN2412090319RF08



CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3 450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-47.89	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-37.65	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.66	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-45.24	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.15	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-37.88	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.44	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-45.37	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.11	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-37.93	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-56.49	-13	PASS
N77-3 450-3550	30	10	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-45.18	-13	PASS
N77-3 450-3550	30	50	DFT-QPSK	L	Edge_1RB_Left	30	1000	-47.93	-13	PASS
N77-3 450-3550	30	50	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-37.39	-13	PASS
N77-3 450-3550	30	50	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.56	-13	PASS

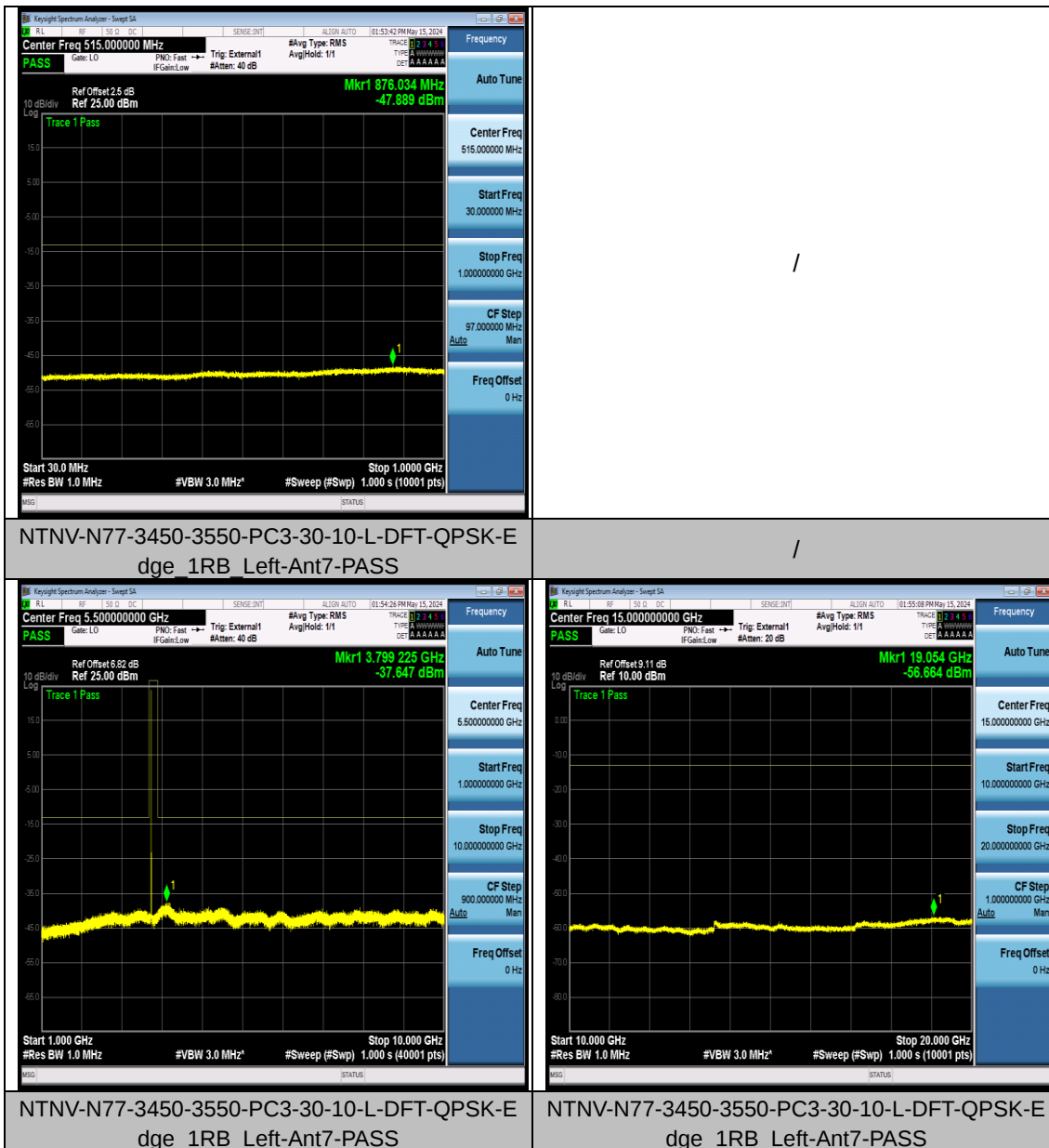


**BUREAU
VERITAS**

Reference No.: PSZ-NQN2412090319RF08

N77-3 450-35 50	30	50	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-44.87	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	30	1000	-47.94	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-37.84	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.56	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-44.99	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.01	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-37.77	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-56.57	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-45.35	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	30	1000	-47.76	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-37.92	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.45	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-45.30	-13	PASS

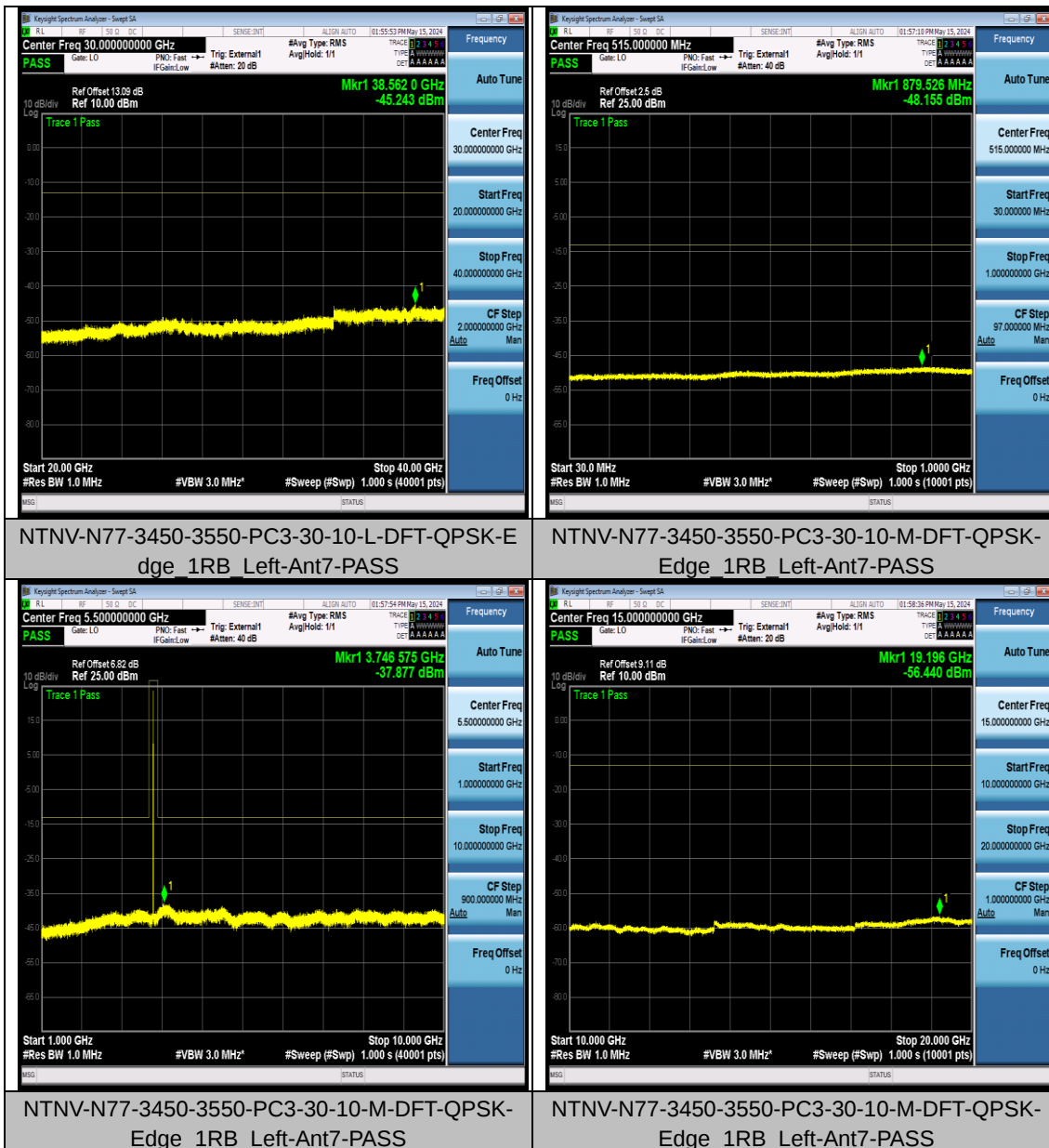
TEST GRAPHS





BUREAU
VERITAS

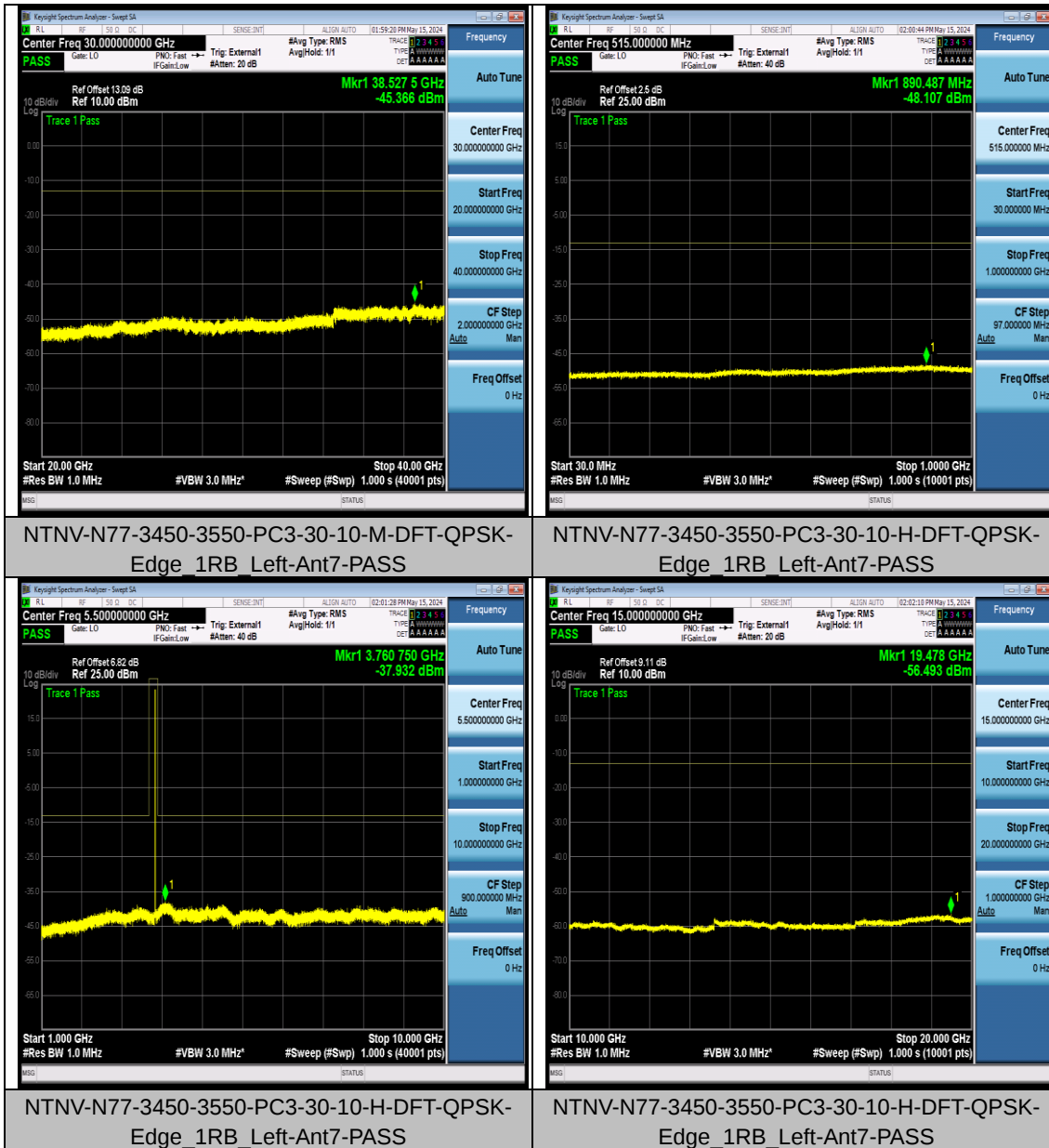
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

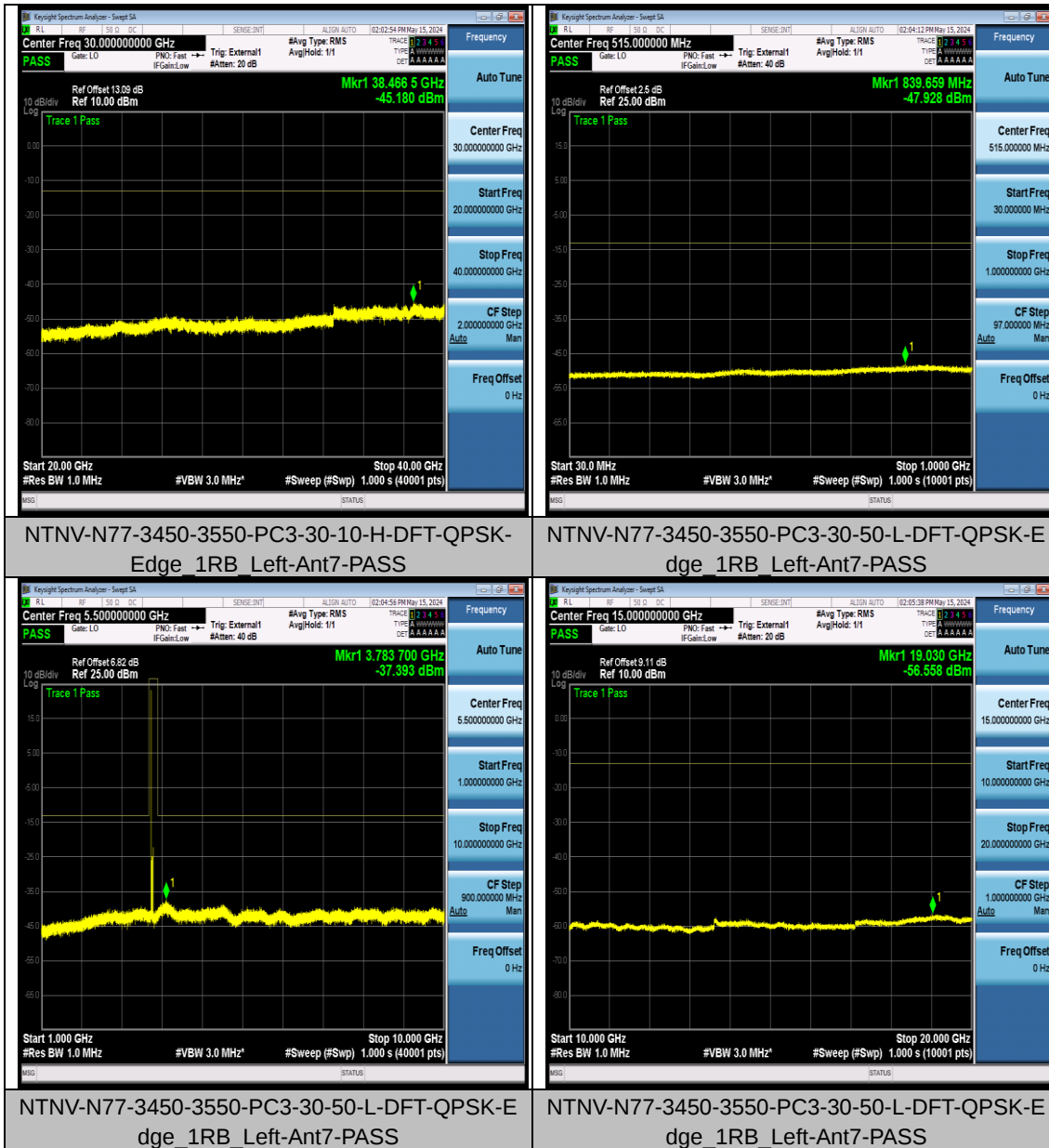
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

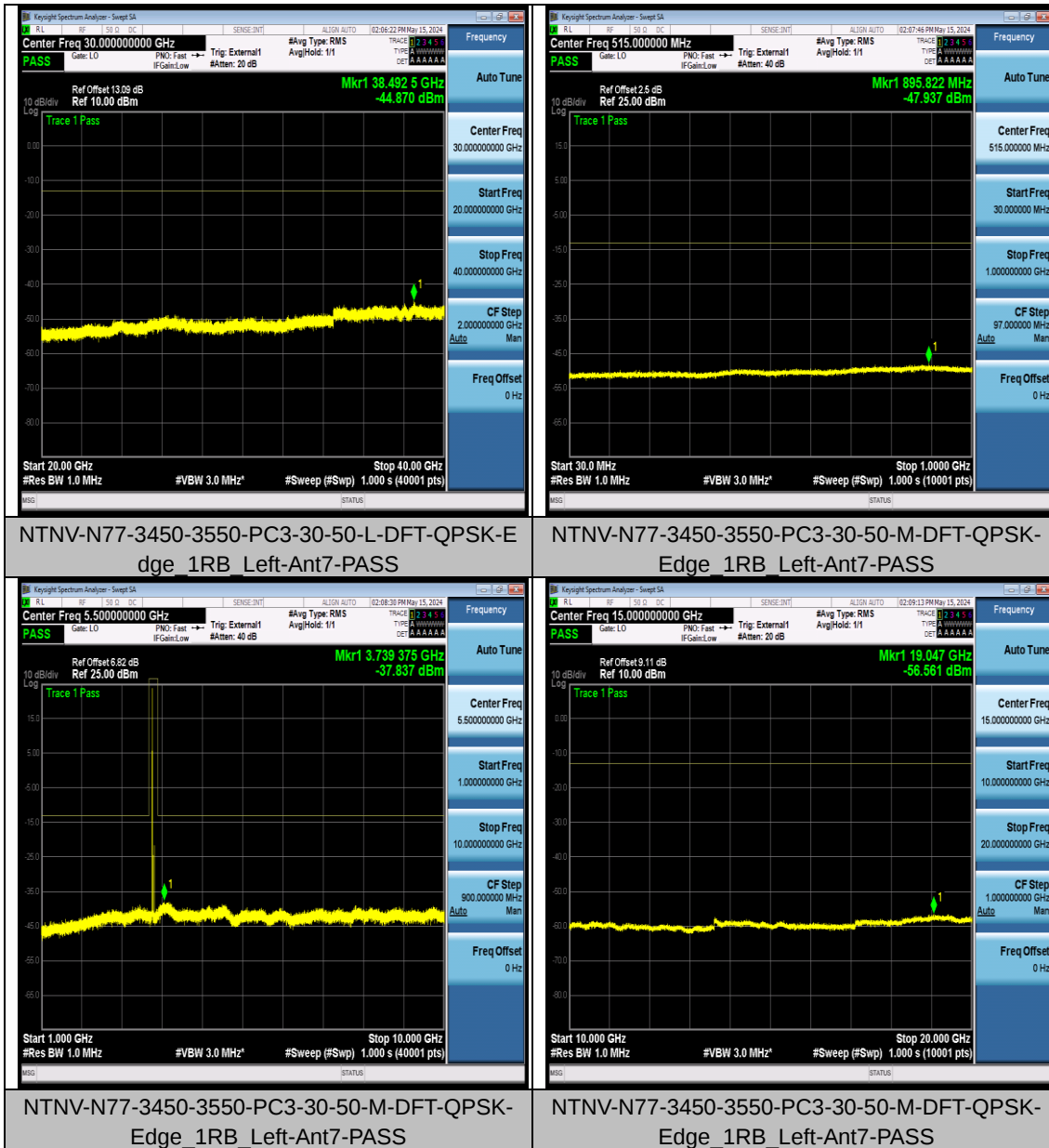
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

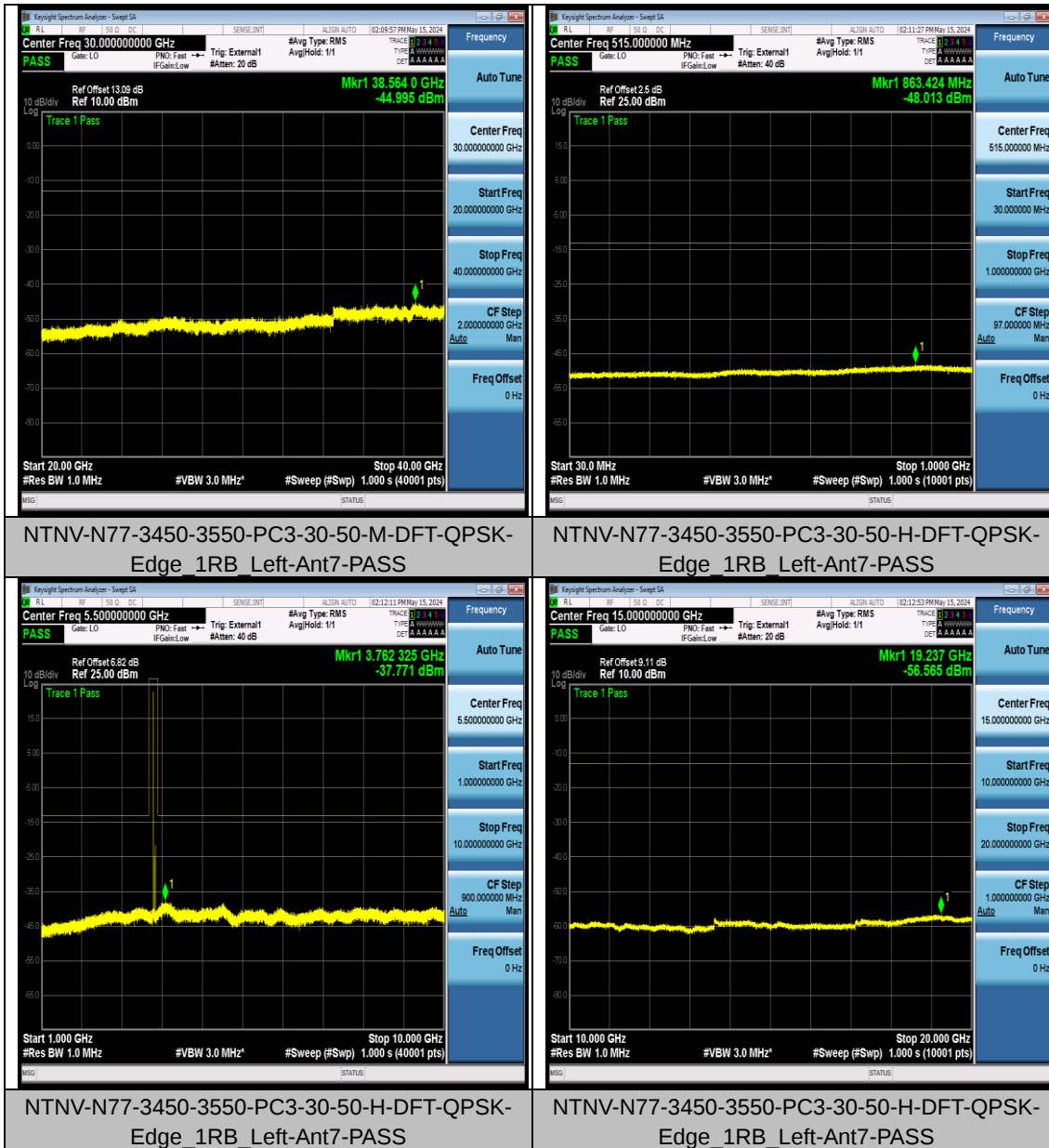
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

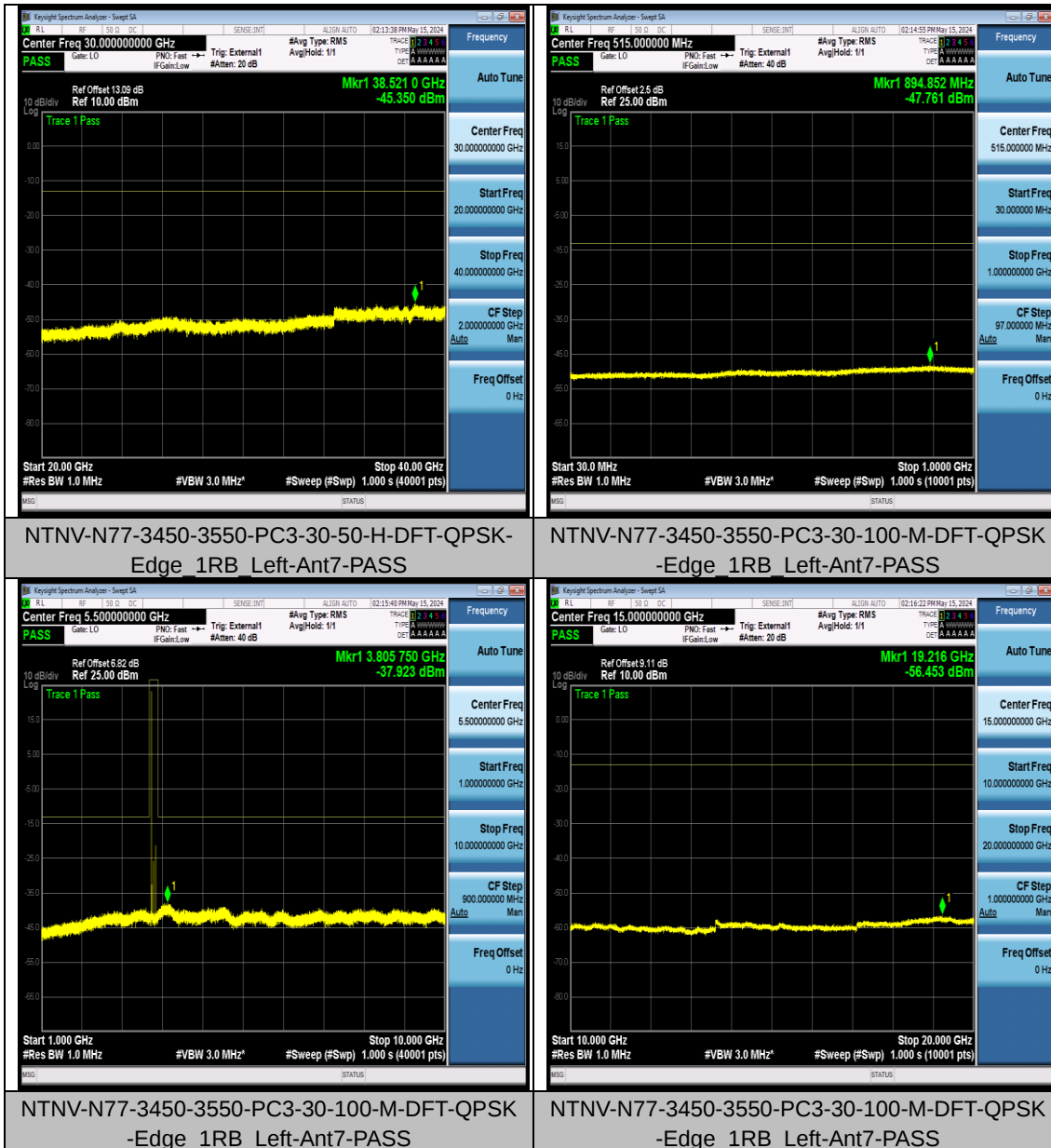
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

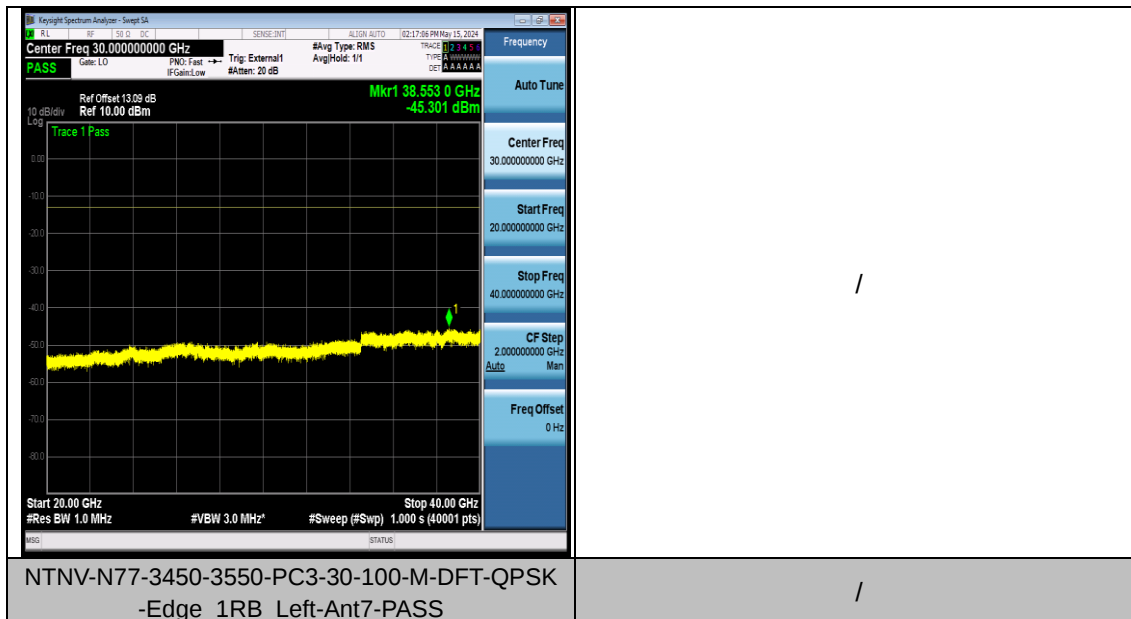
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

Reference No.: PSZ-NQN2412090319RF08



FREQUENCY STABILITY FOR SA TEST RESULT

Band	SC S	Bandw idth	Modulatio n	Chan nel	RB Config	Volt age	Temp eratur e	Devia tion(H z)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limite d (MHz)	Verdi ct
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	VL	NT	4.00	0.001156	3450.163 4	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	VN	NT	2.00	0.000578	3450.438 2	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	VH	NT	13.00	0.003757	3450.258 1	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	-30	1.00	0.000289	3450.579 0	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	-20	17.00	0.004913	3450.433 3	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	-10	5.00	0.001445	3450.391 9	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	0	16.00	0.004624	3450.294 7	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	10	7.00	0.002023	3450.339 4	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	20	18.00	0.005202	3450.537 7	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	30	14.00	0.004046	3450.162 9	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	40	18.00	0.005202	3450.561 8	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	L	Outer_Fu II	NV	50	9.00	0.002601	3450.224 9	---	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	VL	NT	15.00	0.004237	---	3549.6 690	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	VN	NT	4.00	0.001130	---	3549.6 318	3450- 3550	PASS
N77-3	30	20	DFT-QP	H	Outer_Fu	VH	NT	9.00	0.002542	---	3549.6	3450-	PASS



**BUREAU
VERITAS**

Reference No.: PSZ-NQN2412090319RF08

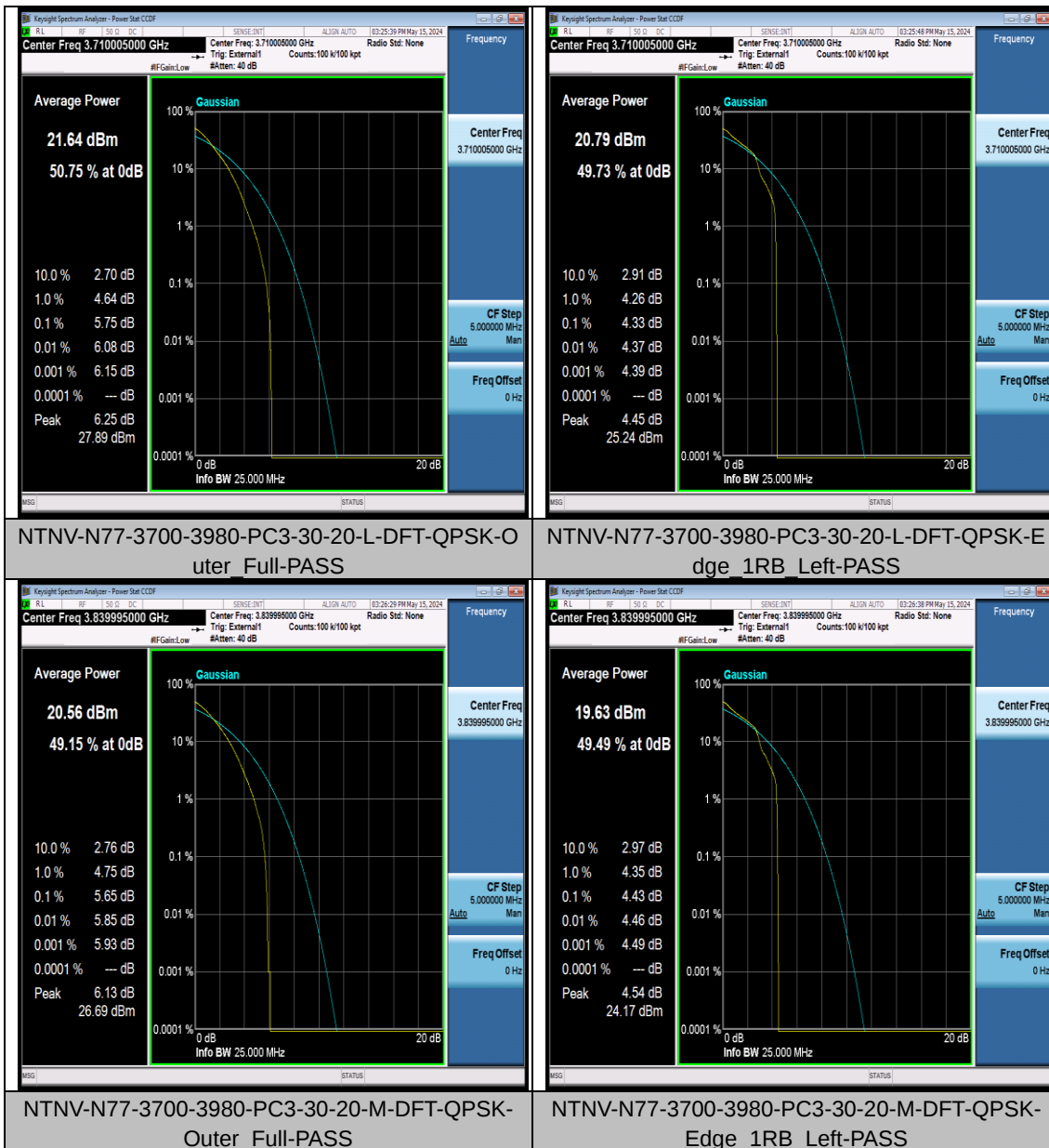
450-3 550			SK		II						468	3550	
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	-30	10.00	0.002825	---	3549.6 561	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	-20	1.00	0.000282	---	3549.7 034	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	-10	12.00	0.003390	---	3549.6 751	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	0	2.00	0.000565	---	3549.6 674	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	10	13.00	0.003672	---	3549.6 880	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	20	4.00	0.001130	---	3549.6 862	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	30	15.00	0.004237	---	3549.6 386	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	40	6.00	0.001695	---	3549.6 482	3450- 3550	PASS
N77-3 450-3 550	30	20	DFT-QP SK	H	Outer_Fu II	NV	50	5.00	0.001412	---	3549.7 445	3450- 3550	PASS

N77-3700-3980

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	5.75	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	4.33	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	5.65	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	4.43	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	5.30	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	4.39	≤13	PASS

TEST GRAPHS





BUREAU
VERITAS

Reference No.: PSZ-NQN2412090319RF08





Reference No.: PSZ-NQN2412090319RF08

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700 -3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.5931	9.468	PASS
N77-3700 -3980	30	10	DFT-QPSK	M	Outer_Full	8.5639	9.406	PASS
N77-3700 -3980	30	10	DFT-16QAM	M	Outer_Full	8.5660	9.426	PASS
N77-3700 -3980	30	10	DFT-64QAM	M	Outer_Full	8.5581	9.336	PASS
N77-3700 -3980	30	10	DFT-256QAM	M	Outer_Full	8.5603	9.284	PASS
N77-3700 -3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.784	18.80	PASS
N77-3700 -3980	30	20	DFT-QPSK	M	Outer_Full	17.783	18.90	PASS
N77-3700 -3980	30	20	DFT-16QAM	M	Outer_Full	17.871	18.96	PASS
N77-3700 -3980	30	20	DFT-64QAM	M	Outer_Full	17.798	19.14	PASS
N77-3700 -3980	30	20	DFT-256QAM	M	Outer_Full	17.808	18.91	PASS
N77-3700 -3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.751	28.20	PASS
N77-3700 -3980	30	30	DFT-QPSK	M	Outer_Full	26.733	28.11	PASS
N77-3700 -3980	30	30	DFT-16QAM	M	Outer_Full	26.755	28.17	PASS
N77-3700 -3980	30	30	DFT-64QAM	M	Outer_Full	26.746	28.10	PASS
N77-3700 -3980	30	30	DFT-256QAM	M	Outer_Full	26.758	28.07	PASS
N77-3700 -3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.677	37.35	PASS
N77-3700 -3980	30	40	DFT-QPSK	M	Outer_Full	35.758	37.08	PASS
N77-3700 -3980	30	40	DFT-16QAM	M	Outer_Full	35.756	37.24	PASS
N77-3700 -3980	30	40	DFT-64QAM	M	Outer_Full	35.741	37.30	PASS
N77-3700 -3980	30	40	DFT-256QAM	M	Outer_Full	35.731	37.40	PASS
N77-3700 -3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.661	47.59	PASS
N77-3700 -3980	30	50	DFT-QPSK	M	Outer_Full	45.636	47.34	PASS
N77-3700 -3980	30	50	DFT-16QAM	M	Outer_Full	45.658	47.40	PASS
N77-3700	30	50	DFT-64QAM	M	Outer_Full	45.654	47.40	PASS



**BUREAU
VERITAS**

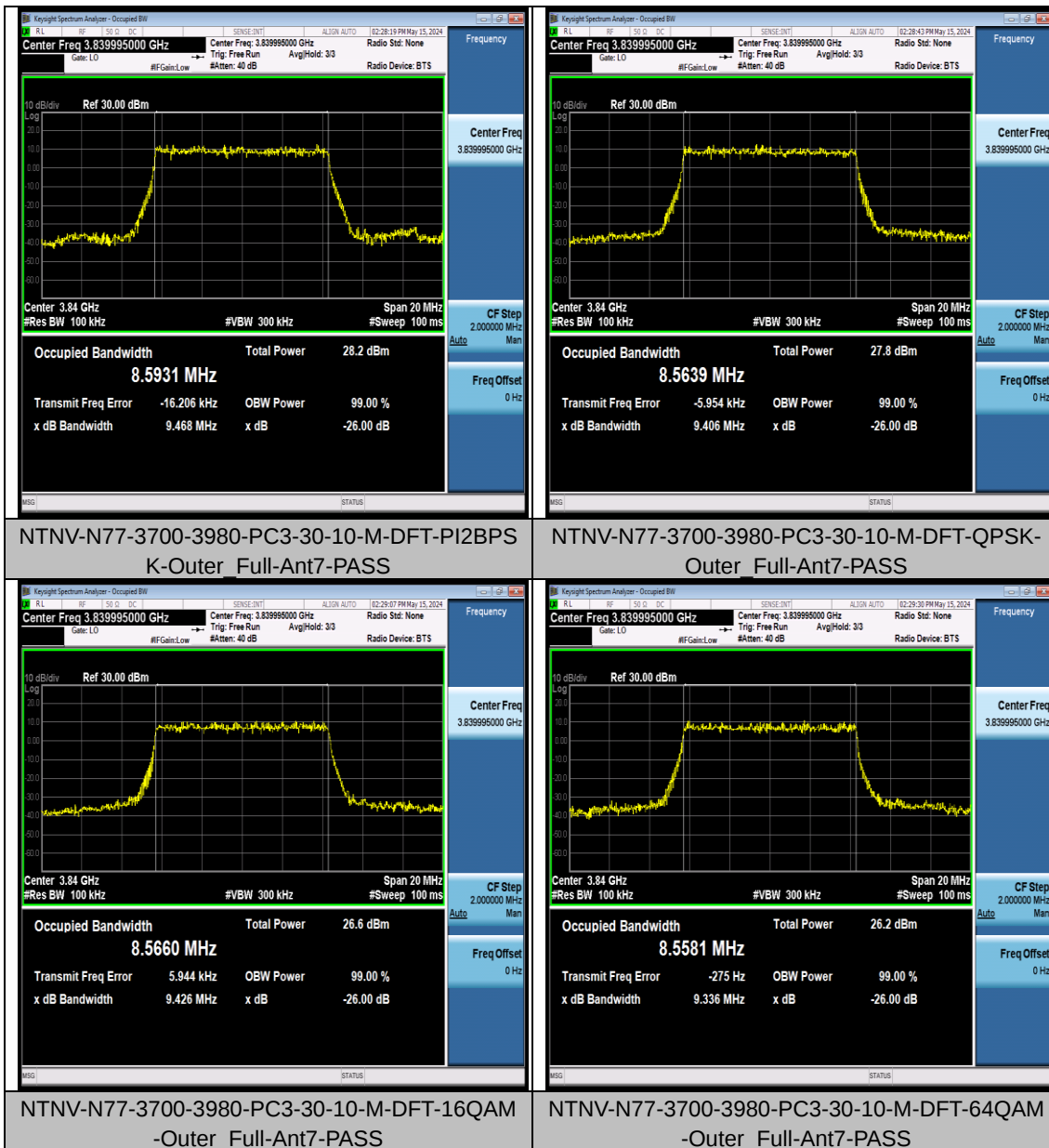
Reference No.: PSZ-NQN2412090319RF08

-3980								
N77-3700 -3980	30	50	DFT-256QAM	M	Outer_Full	45.669	47.57	PASS
N77-3700 -3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.824	59.99	PASS
N77-3700 -3980	30	60	DFT-QPSK	M	Outer_Full	57.857	59.95	PASS
N77-3700 -3980	30	60	DFT-16QAM	M	Outer_Full	57.716	59.90	PASS
N77-3700 -3980	30	60	DFT-64QAM	M	Outer_Full	57.762	59.97	PASS
N77-3700 -3980	30	60	DFT-256QAM	M	Outer_Full	57.755	59.99	PASS
N77-3700 -3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.206	66.72	PASS
N77-3700 -3980	30	70	DFT-QPSK	M	Outer_Full	64.240	66.80	PASS
N77-3700 -3980	30	70	DFT-16QAM	M	Outer_Full	64.202	66.76	PASS
N77-3700 -3980	30	70	DFT-64QAM	M	Outer_Full	64.183	66.61	PASS
N77-3700 -3980	30	70	DFT-256QAM	M	Outer_Full	64.152	66.67	PASS
N77-3700 -3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.014	79.73	PASS
N77-3700 -3980	30	80	DFT-QPSK	M	Outer_Full	77.074	79.64	PASS
N77-3700 -3980	30	80	DFT-16QAM	M	Outer_Full	76.874	79.72	PASS
N77-3700 -3980	30	80	DFT-64QAM	M	Outer_Full	77.184	79.59	PASS
N77-3700 -3980	30	80	DFT-256QAM	M	Outer_Full	77.035	79.62	PASS
N77-3700 -3980	30	90	DFT-PI2BPSK	M	Outer_Full	86.696	89.48	PASS
N77-3700 -3980	30	90	DFT-QPSK	M	Outer_Full	86.582	89.59	PASS
N77-3700 -3980	30	90	DFT-16QAM	M	Outer_Full	86.831	89.57	PASS
N77-3700 -3980	30	90	DFT-64QAM	M	Outer_Full	86.454	89.50	PASS
N77-3700 -3980	30	90	DFT-256QAM	M	Outer_Full	86.552	89.52	PASS
N77-3700 -3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.257	99.49	PASS
N77-3700 -3980	30	100	DFT-QPSK	M	Outer_Full	96.379	99.51	PASS
N77-3700 -3980	30	100	DFT-16QAM	M	Outer_Full	96.365	99.52	PASS
N77-3700 -3980	30	100	DFT-64QAM	M	Outer_Full	96.248	99.50	PASS
N77-3700 -3980	30	100	DFT-256QAM	M	Outer_Full	96.191	99.47	PASS



Reference No.: PSZ-NQN2412090319RF08

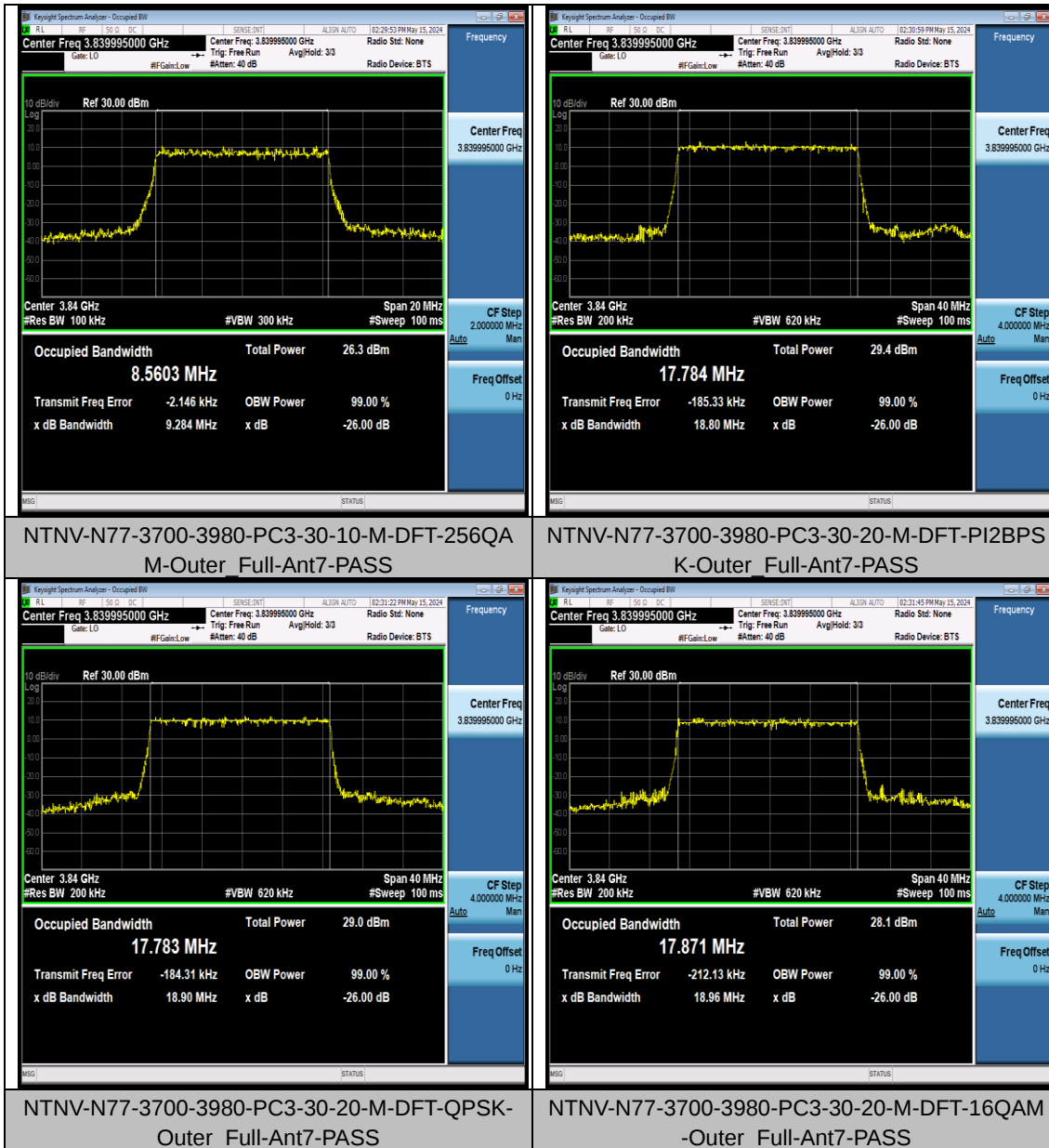
TEST GRAPHS





BUREAU
VERITAS

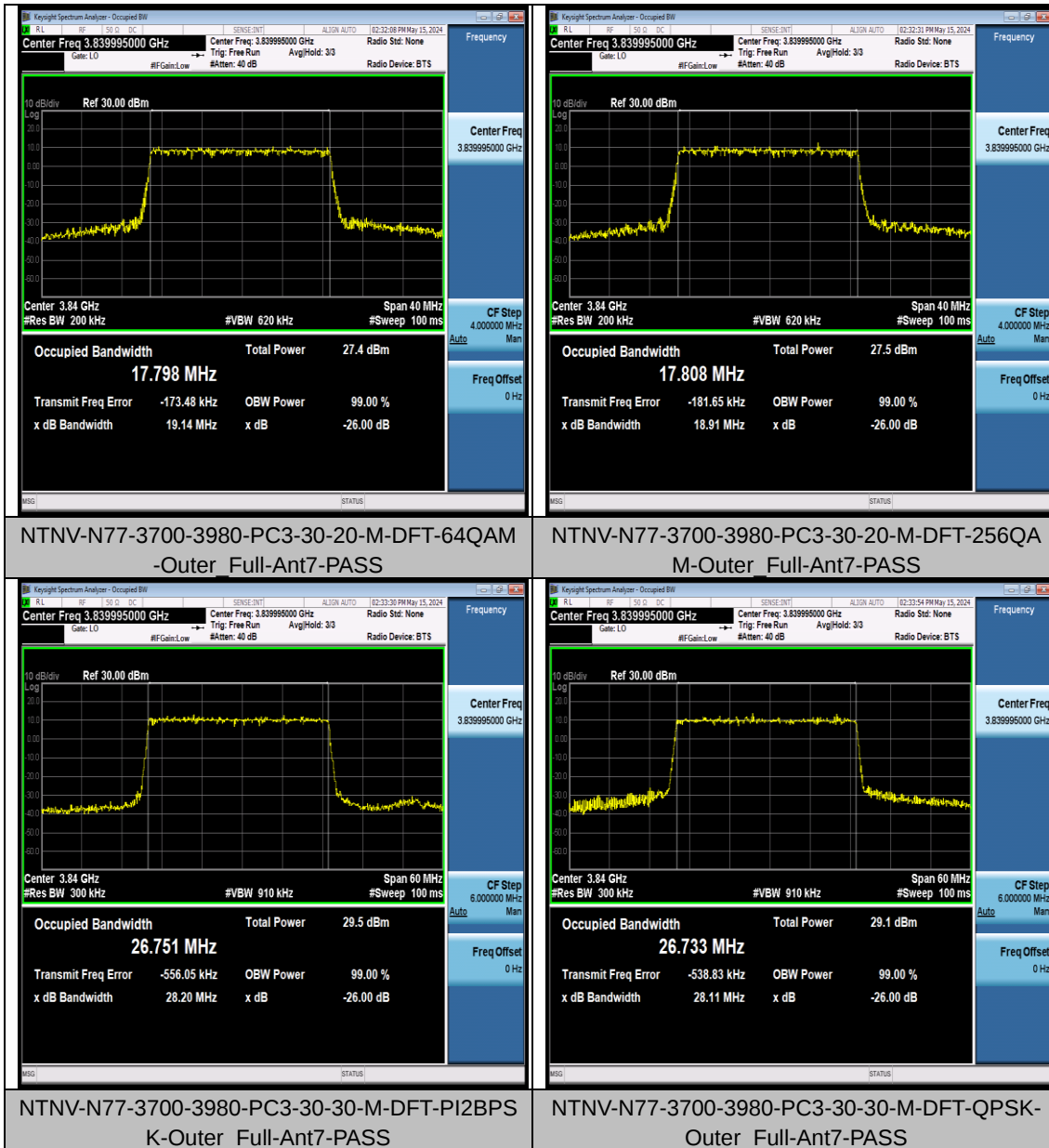
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

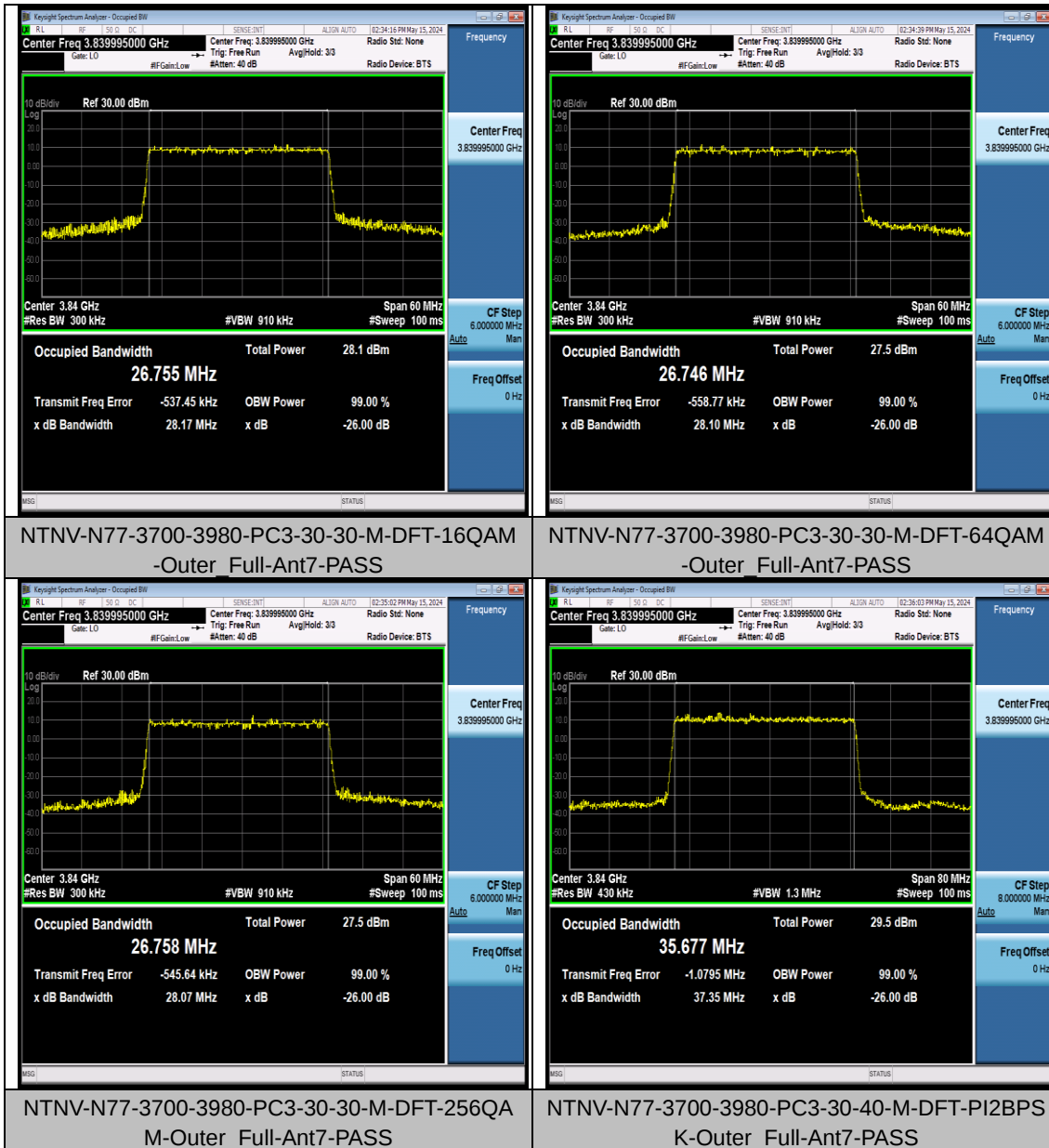
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

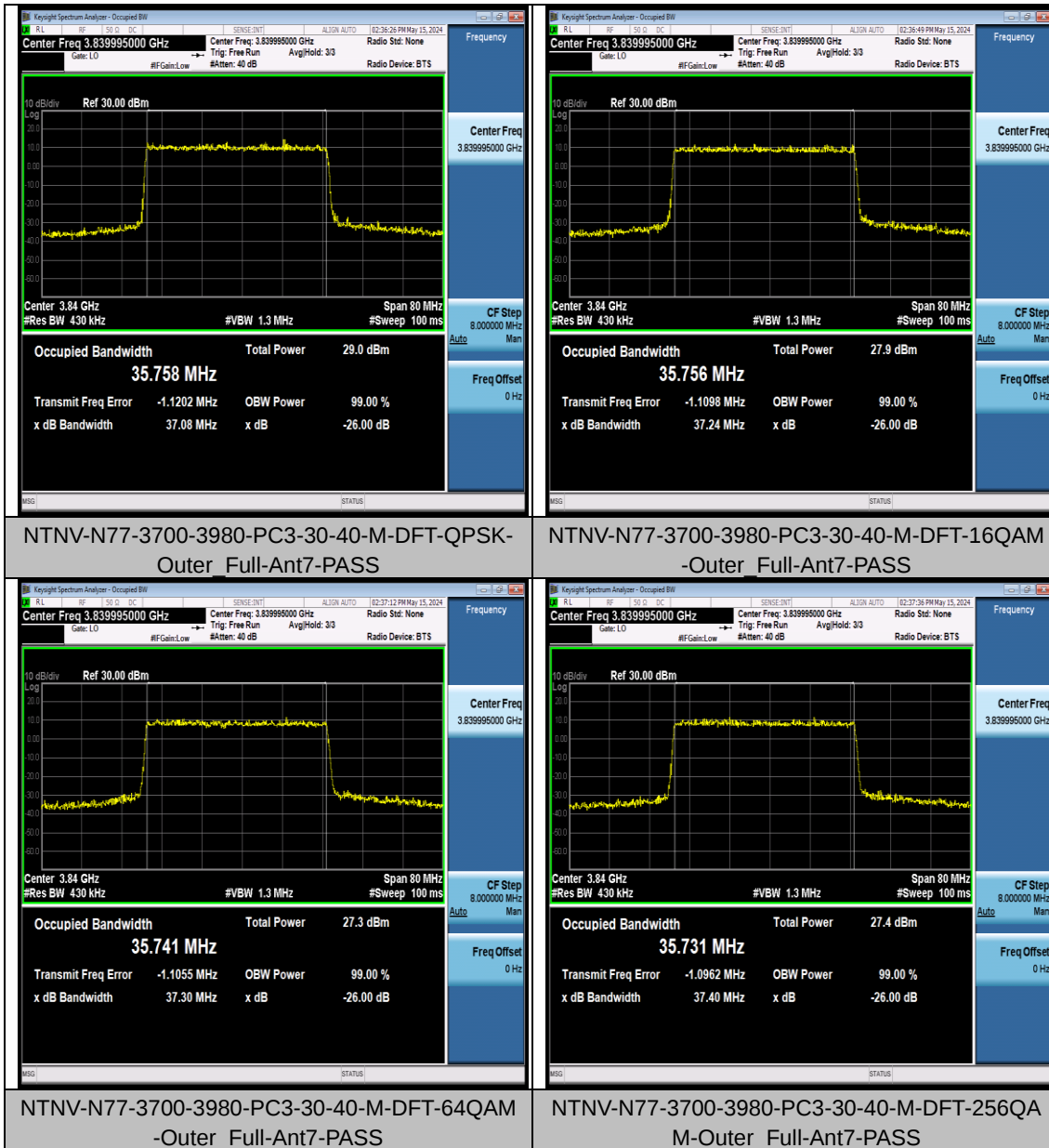
Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

Reference No.: PSZ-NQN2412090319RF08





BUREAU
VERITAS

Reference No.: PSZ-NQN2412090319RF08

