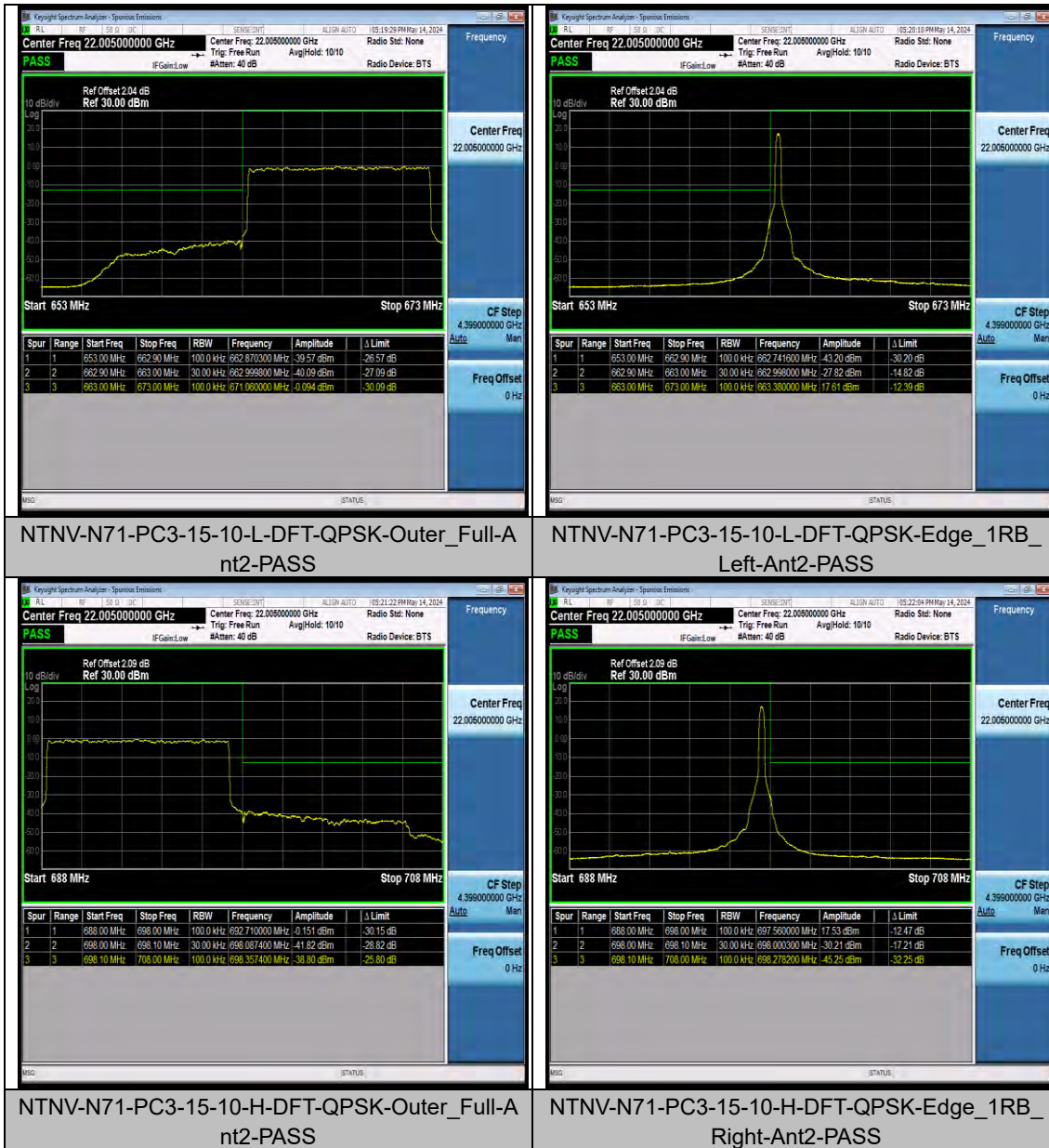




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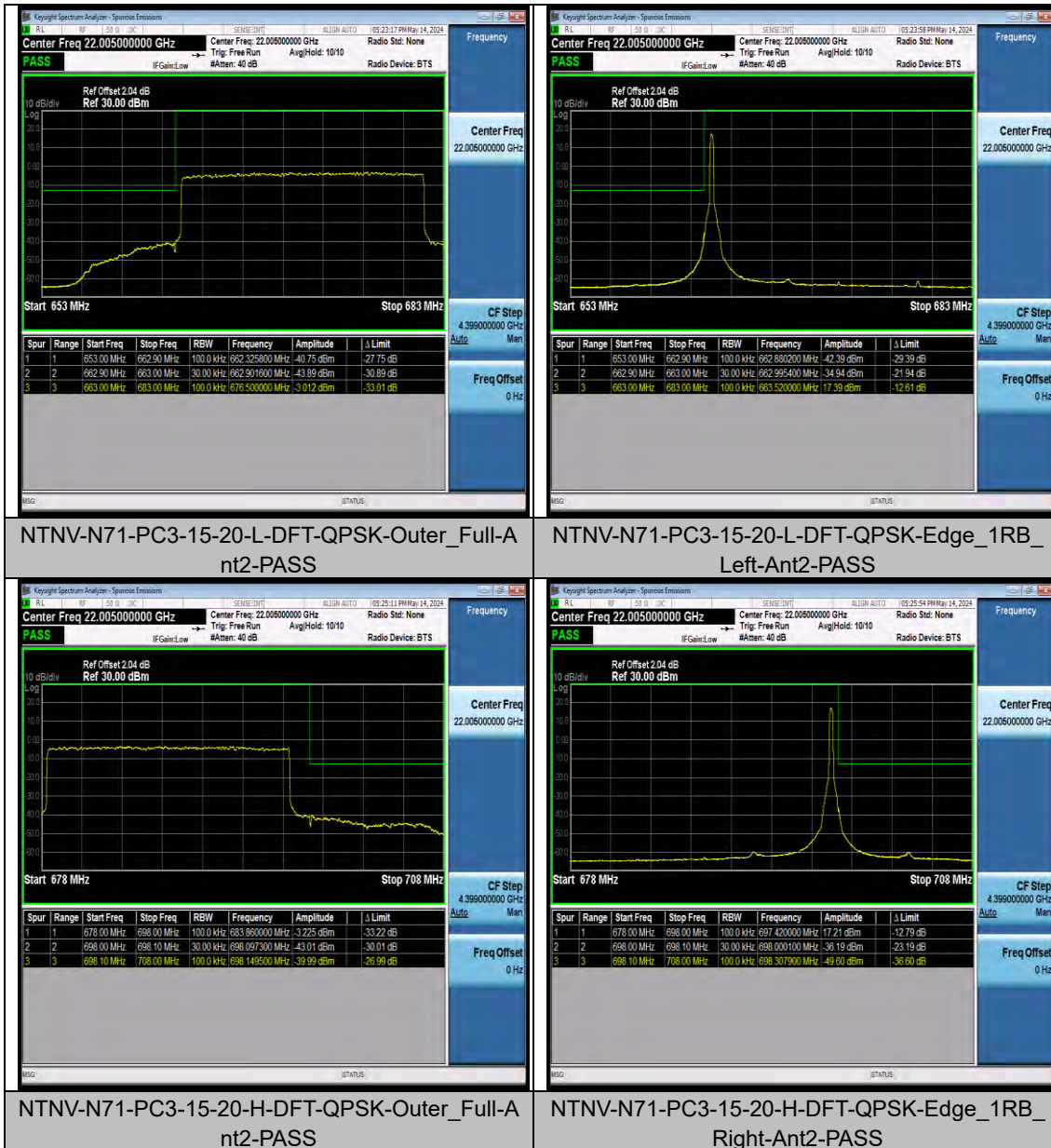
Reference No.: W7L-P24090003RF08





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Reference No.: W7L-P24090003RF08



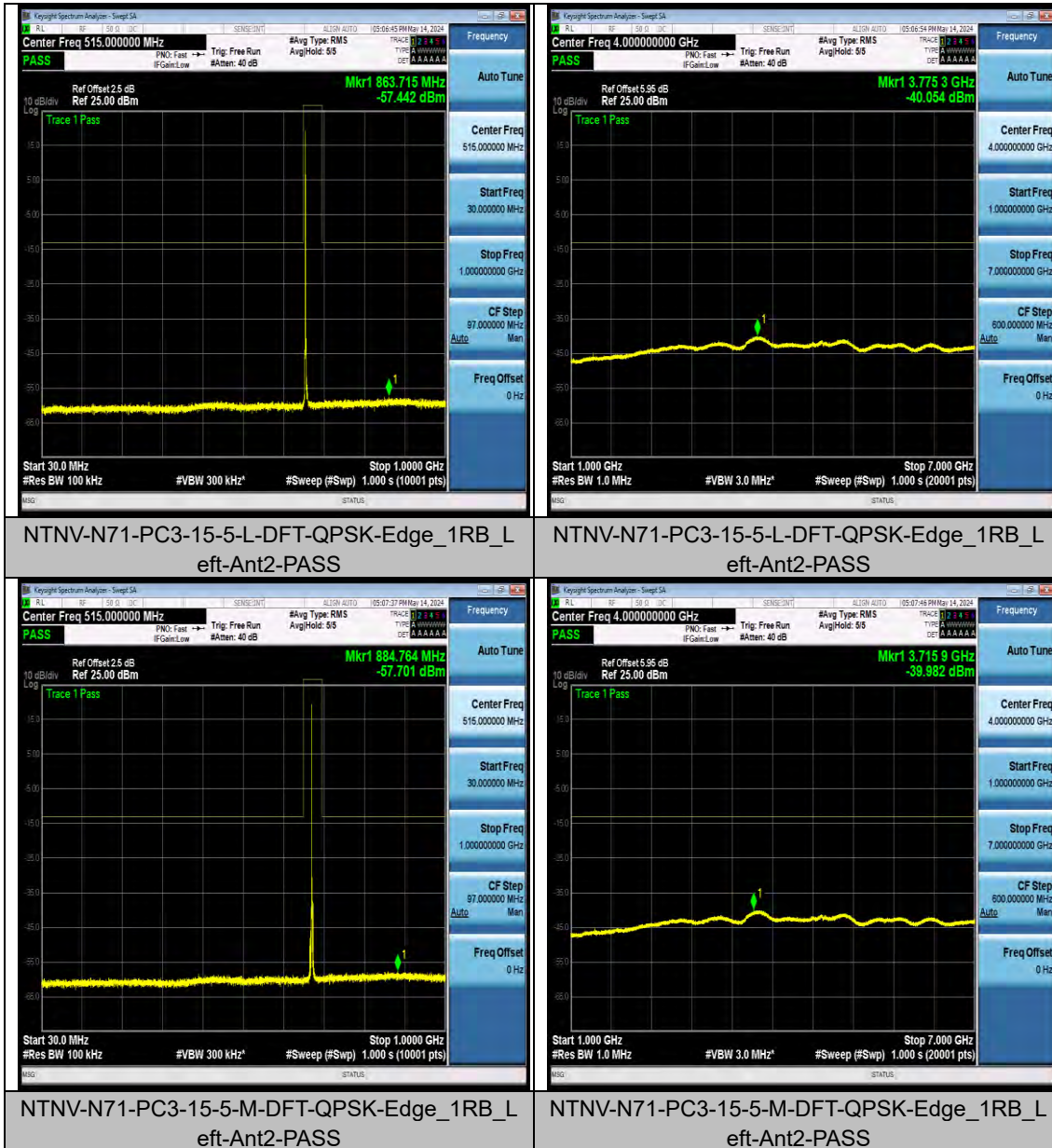


Reference No.: W7L-P24090003RF08

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N71	15	5	DFT-QPSK	L	Edge 1RB Left	30	1000	-57.44	-13	PASS
N71	15	5	DFT-QPSK	L	Edge 1RB Left	1000	7000	-40.05	-13	PASS
N71	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.70	-13	PASS
N71	15	5	DFT-QPSK	M	Edge 1RB Left	1000	7000	-39.98	-13	PASS
N71	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.30	-13	PASS
N71	15	5	DFT-QPSK	H	Edge 1RB Left	1000	7000	-39.89	-13	PASS
N71	15	10	DFT-QPSK	L	Edge 1RB Left	30	1000	-57.52	-13	PASS
N71	15	10	DFT-QPSK	L	Edge 1RB Left	1000	7000	-39.91	-13	PASS
N71	15	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.69	-13	PASS
N71	15	10	DFT-QPSK	M	Edge 1RB Left	1000	7000	-39.85	-13	PASS
N71	15	10	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.56	-13	PASS
N71	15	10	DFT-QPSK	H	Edge 1RB Left	1000	7000	-39.99	-13	PASS
N71	15	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-57.71	-13	PASS
N71	15	20	DFT-QPSK	L	Edge 1RB Left	1000	7000	-39.82	-13	PASS
N71	15	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-57.58	-13	PASS
N71	15	20	DFT-QPSK	M	Edge 1RB Left	1000	7000	-39.95	-13	PASS
N71	15	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.41	-13	PASS
N71	15	20	DFT-QPSK	H	Edge 1RB Left	1000	7000	-39.83	-13	PASS

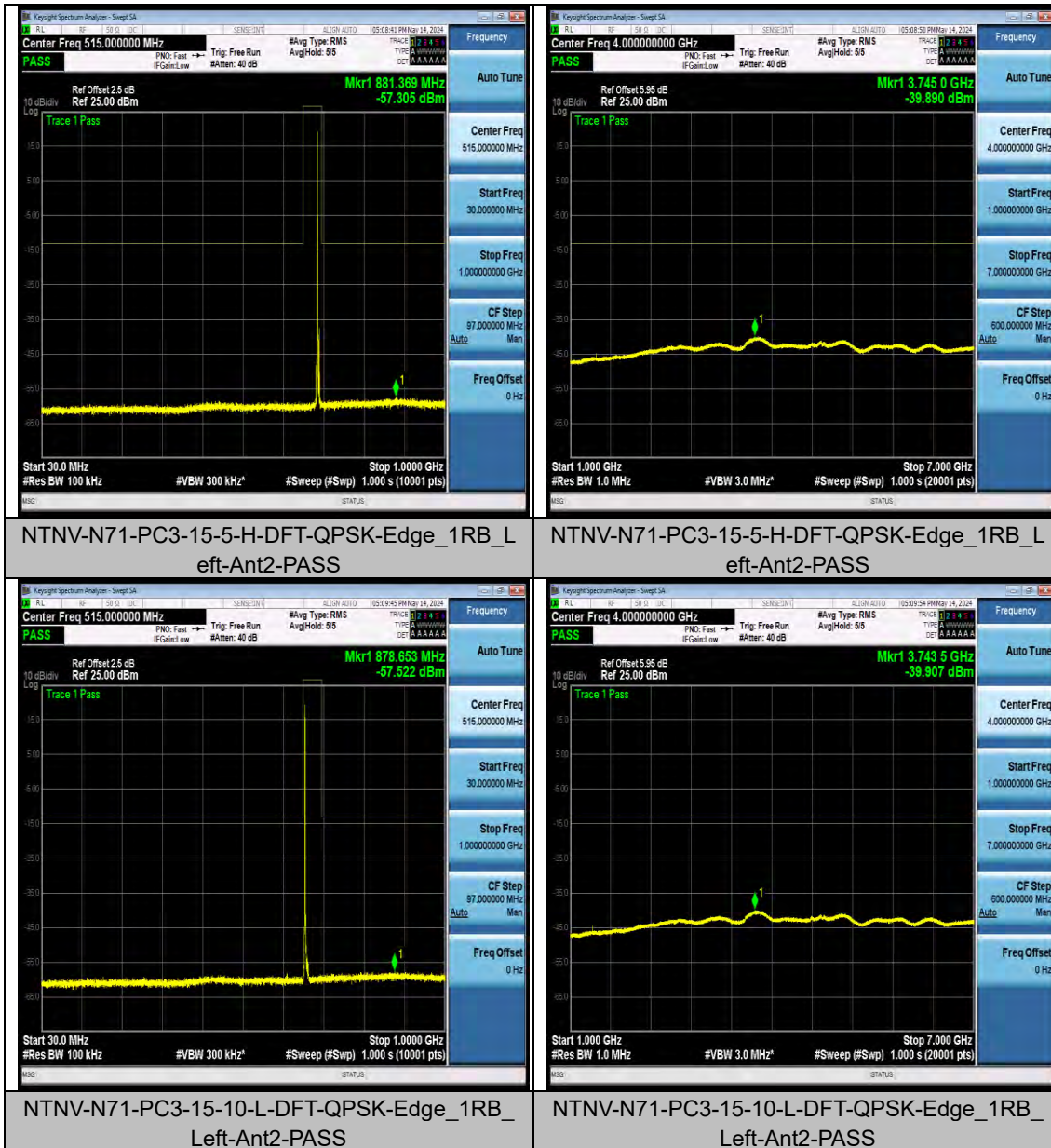
TEST GRAPHS





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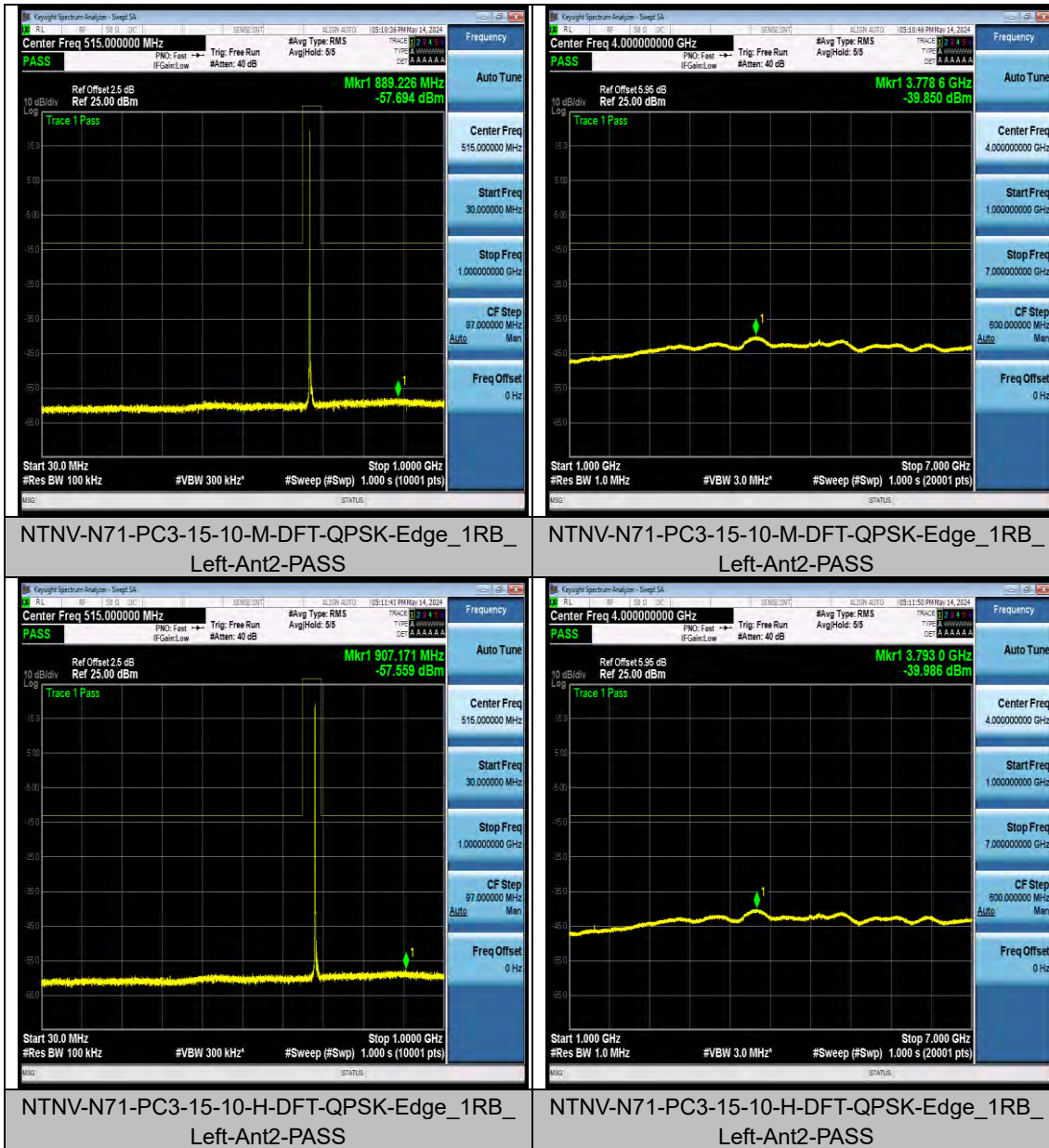
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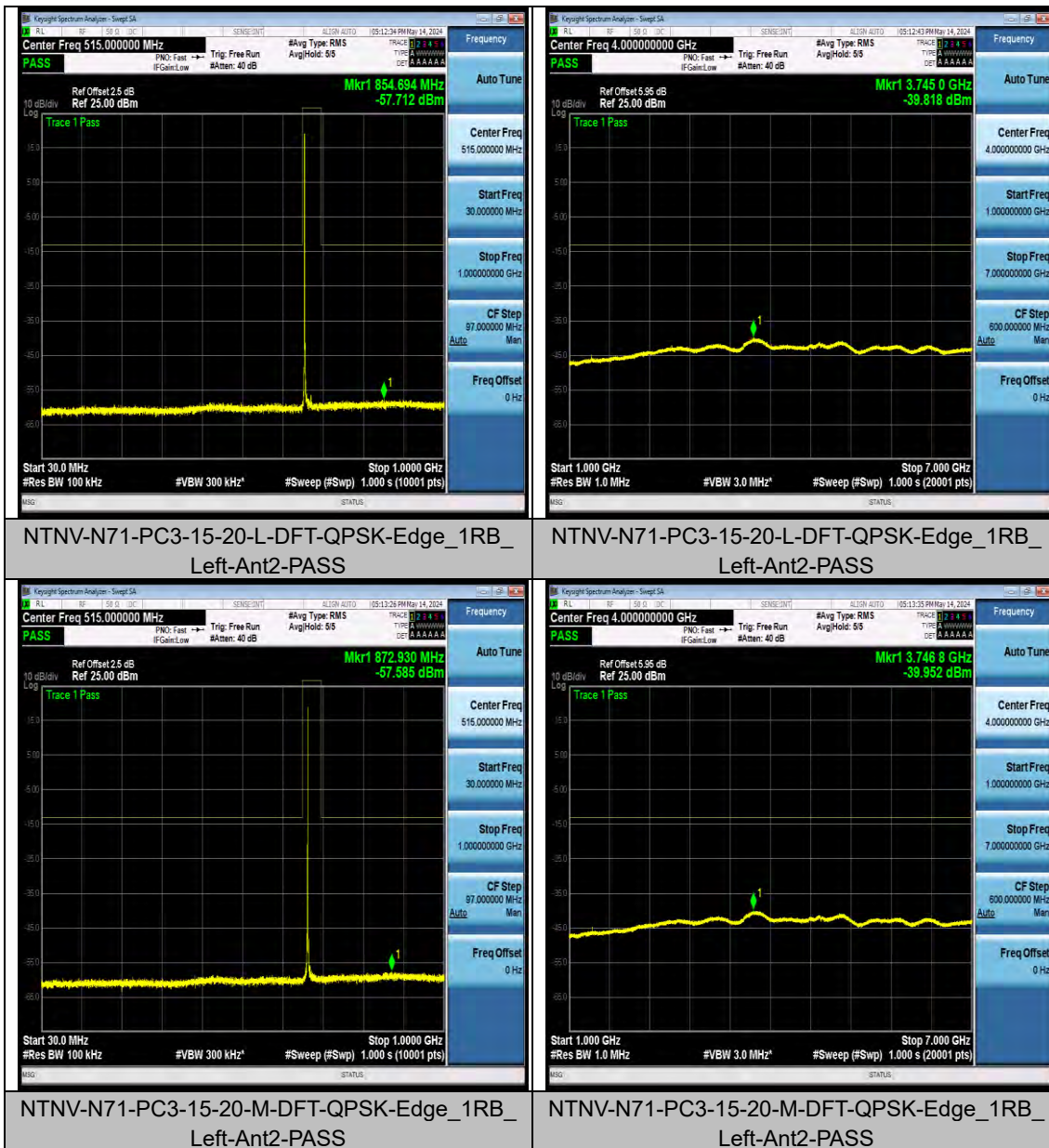
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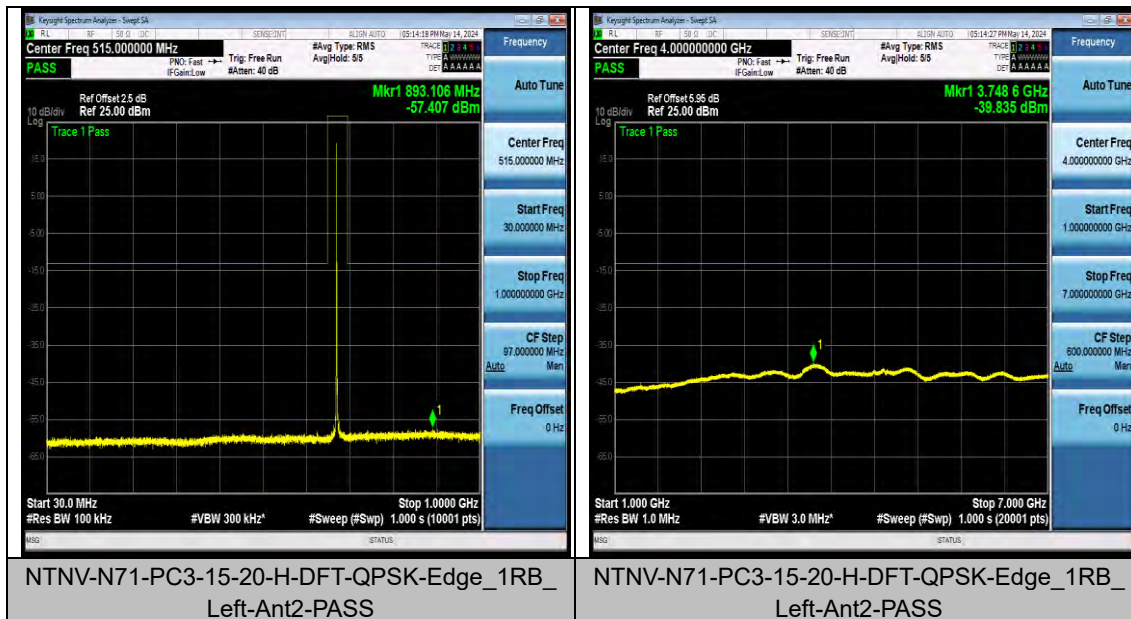
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Reference No.: W7L-P24090003RF08





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
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	6.00	0.008915	668.5523	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	8.00	0.011887	668.2658	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	6.00	0.008915	668.4871	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	17.00	0.025260	668.3624	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	12.00	0.017831	668.4344	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	3.00	0.004458	668.3884	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	14.00	0.020802	668.3207	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	6.00	0.008915	668.4289	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	14.00	0.020802	668.5964	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	6.00	0.008915	668.1901	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	6.00	0.008915	668.1848	---	663-698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	17.00	0.025260	668.4716	---	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	10.00	0.014535	---	692.7211	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	12.00	0.017442	---	692.6959	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	9.00	0.013081	---	692.6317	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	1.00	0.001453	---	692.7348	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	11.00	0.015987	---	692.6769	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	12.00	0.017442	---	692.7528	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	3.00	0.004360	---	692.7153	663-698	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	14.00	0.020349	---	692.6968	663-698	PASS



Reference No.: W7L-P24090003RF08

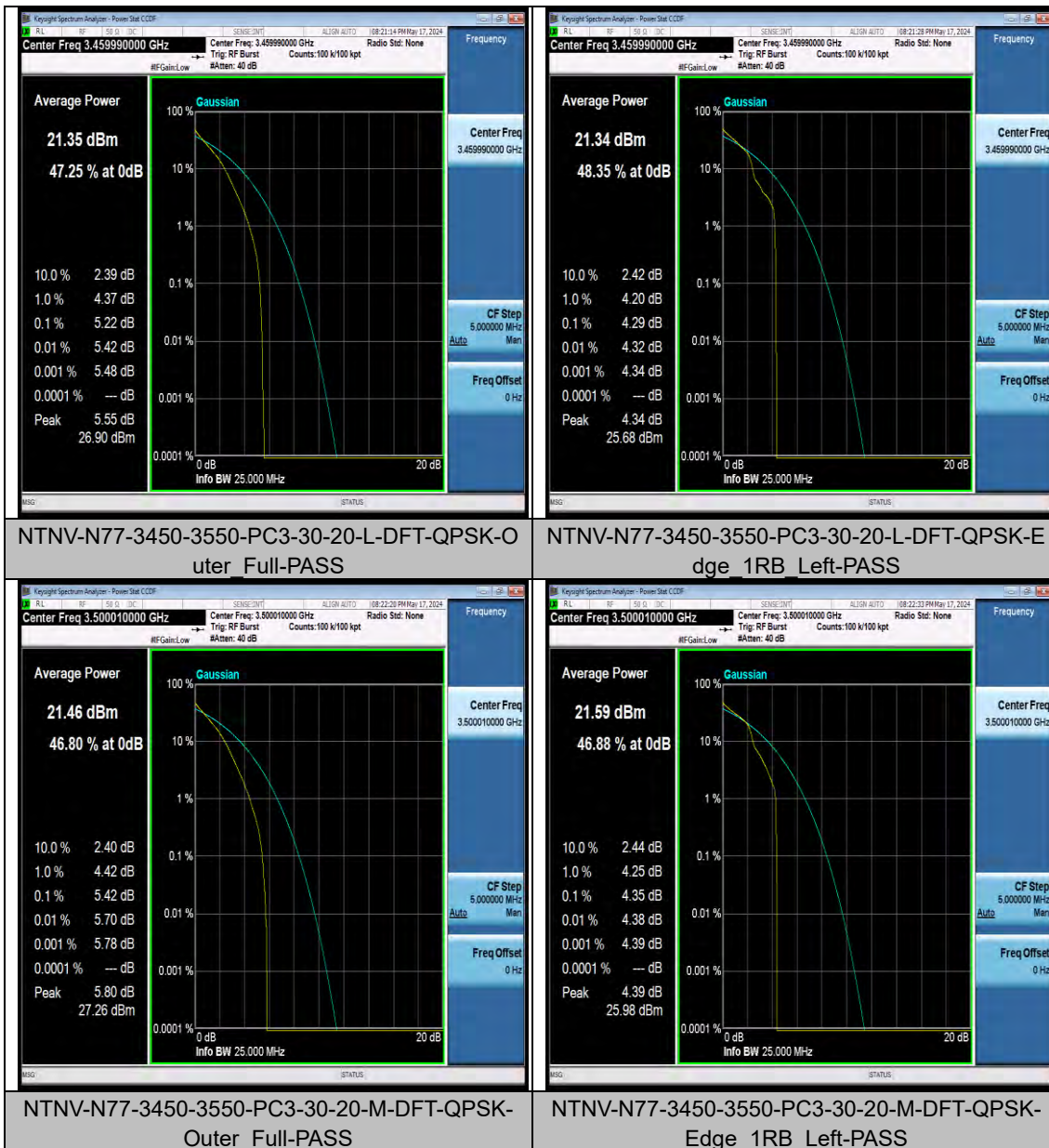
N71	15	20	DFT-QP SK	H	Outer_Fu II	NV	20	4.00	0.005814	---	692.66 54	663-6 98	PASS
N71	15	20	DFT-QP SK	H	Outer_Fu II	NV	30	14.00	0.020349	---	692.68 04	663-6 98	PASS
N71	15	20	DFT-QP SK	H	Outer_Fu II	NV	40	6.00	0.008721	---	692.72 28	663-6 98	PASS
N71	15	20	DFT-QP SK	H	Outer_Fu II	NV	50	8.00	0.011628	---	692.72 01	663-6 98	PASS

N77-3450-3550 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.22	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	4.29	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.42	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	4.35	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.38	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	4.55	≤13	PASS

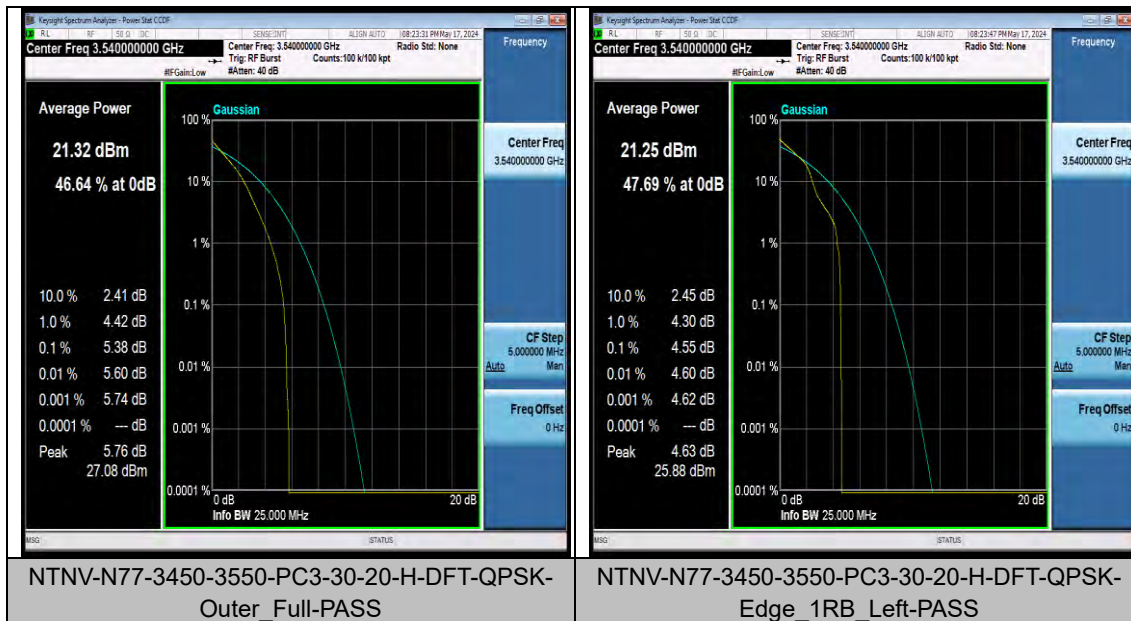
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Reference No.: W7L-P24090003RF08





Reference No.: W7L-P24090003RF08

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

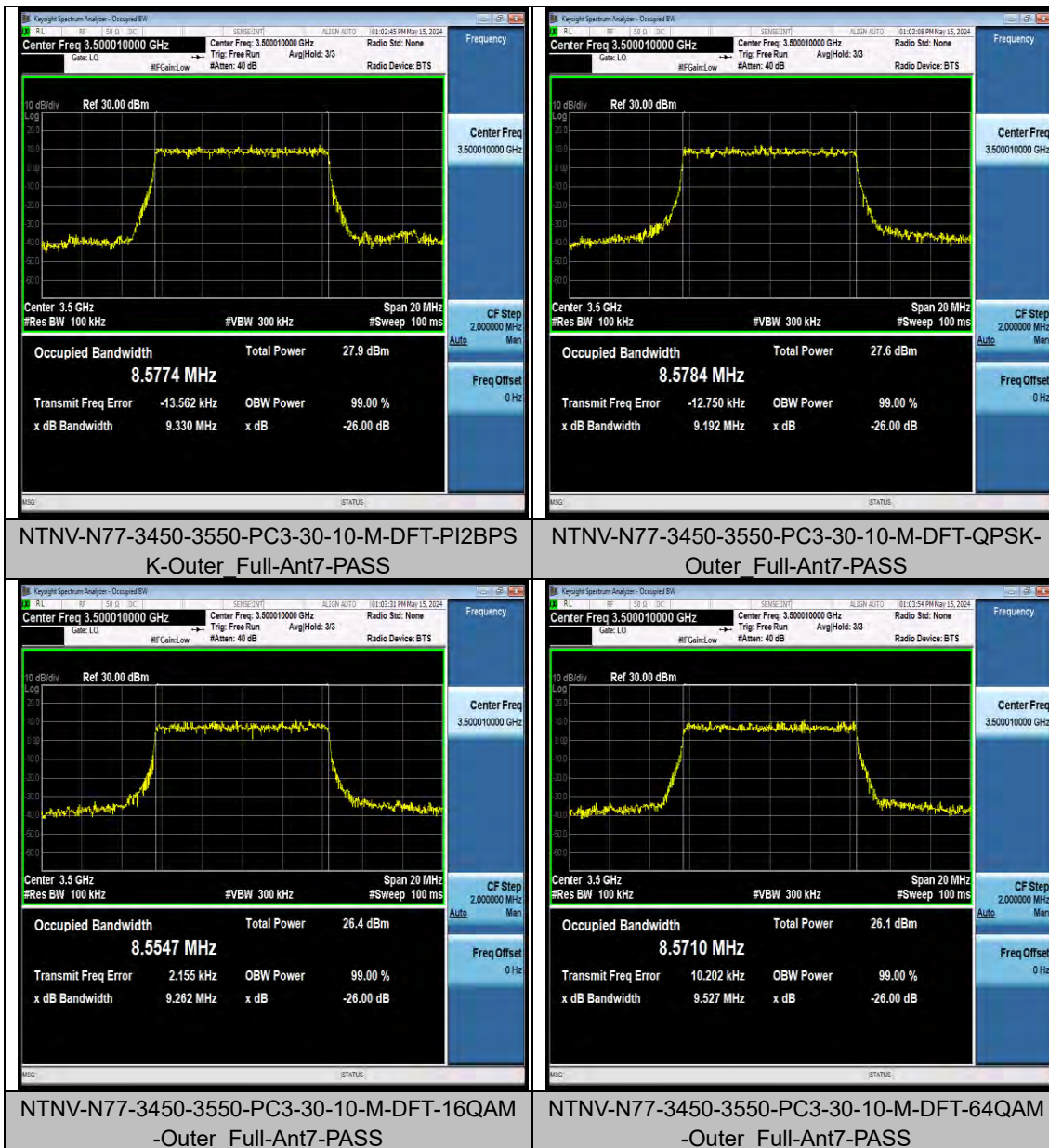
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5774	9.330	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.5784	9.192	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.5547	9.262	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.5710	9.527	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.5572	9.486	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.784	19.00	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.758	18.87	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.861	18.88	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.786	18.92	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.796	18.87	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.750	28.14	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.754	28.14	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.747	28.23	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	26.759	28.05	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.715	28.04	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.663	37.44	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.741	37.21	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.761	37.27	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.761	37.39	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.742	37.41	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.695	47.45	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.659	47.46	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.670	47.45	PASS
N77-3450	30	50	DFT-64QAM	M	Outer_Full	45.672	47.41	PASS



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-3550								
N77-3450 -3550	30	50	DFT-256QAM	M	Outer_Full	45.680	47.57	PASS
N77-3450 -3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.830	59.96	PASS
N77-3450 -3550	30	60	DFT-QPSK	M	Outer_Full	57.893	59.93	PASS
N77-3450 -3550	30	60	DFT-16QAM	M	Outer_Full	57.711	59.76	PASS
N77-3450 -3550	30	60	DFT-64QAM	M	Outer_Full	57.763	59.93	PASS
N77-3450 -3550	30	60	DFT-256QAM	M	Outer_Full	57.756	59.97	PASS
N77-3450 -3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.178	66.69	PASS
N77-3450 -3550	30	70	DFT-QPSK	M	Outer_Full	64.254	66.80	PASS
N77-3450 -3550	30	70	DFT-16QAM	M	Outer_Full	64.210	66.65	PASS
N77-3450 -3550	30	70	DFT-64QAM	M	Outer_Full	64.184	66.60	PASS
N77-3450 -3550	30	70	DFT-256QAM	M	Outer_Full	64.152	66.70	PASS
N77-3450 -3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.053	79.72	PASS
N77-3450 -3550	30	80	DFT-QPSK	M	Outer_Full	77.101	79.82	PASS
N77-3450 -3550	30	80	DFT-16QAM	M	Outer_Full	76.905	79.70	PASS
N77-3450 -3550	30	80	DFT-64QAM	M	Outer_Full	77.202	79.63	PASS
N77-3450 -3550	30	80	DFT-256QAM	M	Outer_Full	77.054	79.75	PASS
N77-3450 -3550	30	90	DFT-PI2BPSK	M	Outer_Full	86.720	89.56	PASS
N77-3450 -3550	30	90	DFT-QPSK	M	Outer_Full	86.633	89.58	PASS
N77-3450 -3550	30	90	DFT-16QAM	M	Outer_Full	86.865	89.65	PASS
N77-3450 -3550	30	90	DFT-64QAM	M	Outer_Full	86.488	89.49	PASS
N77-3450 -3550	30	90	DFT-256QAM	M	Outer_Full	86.564	89.51	PASS
N77-3450 -3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.180	99.46	PASS
N77-3450 -3550	30	100	DFT-QPSK	M	Outer_Full	96.338	99.65	PASS
N77-3450 -3550	30	100	DFT-16QAM	M	Outer_Full	96.389	99.50	PASS
N77-3450 -3550	30	100	DFT-64QAM	M	Outer_Full	96.251	99.63	PASS
N77-3450 -3550	30	100	DFT-256QAM	M	Outer_Full	96.235	99.53	PASS

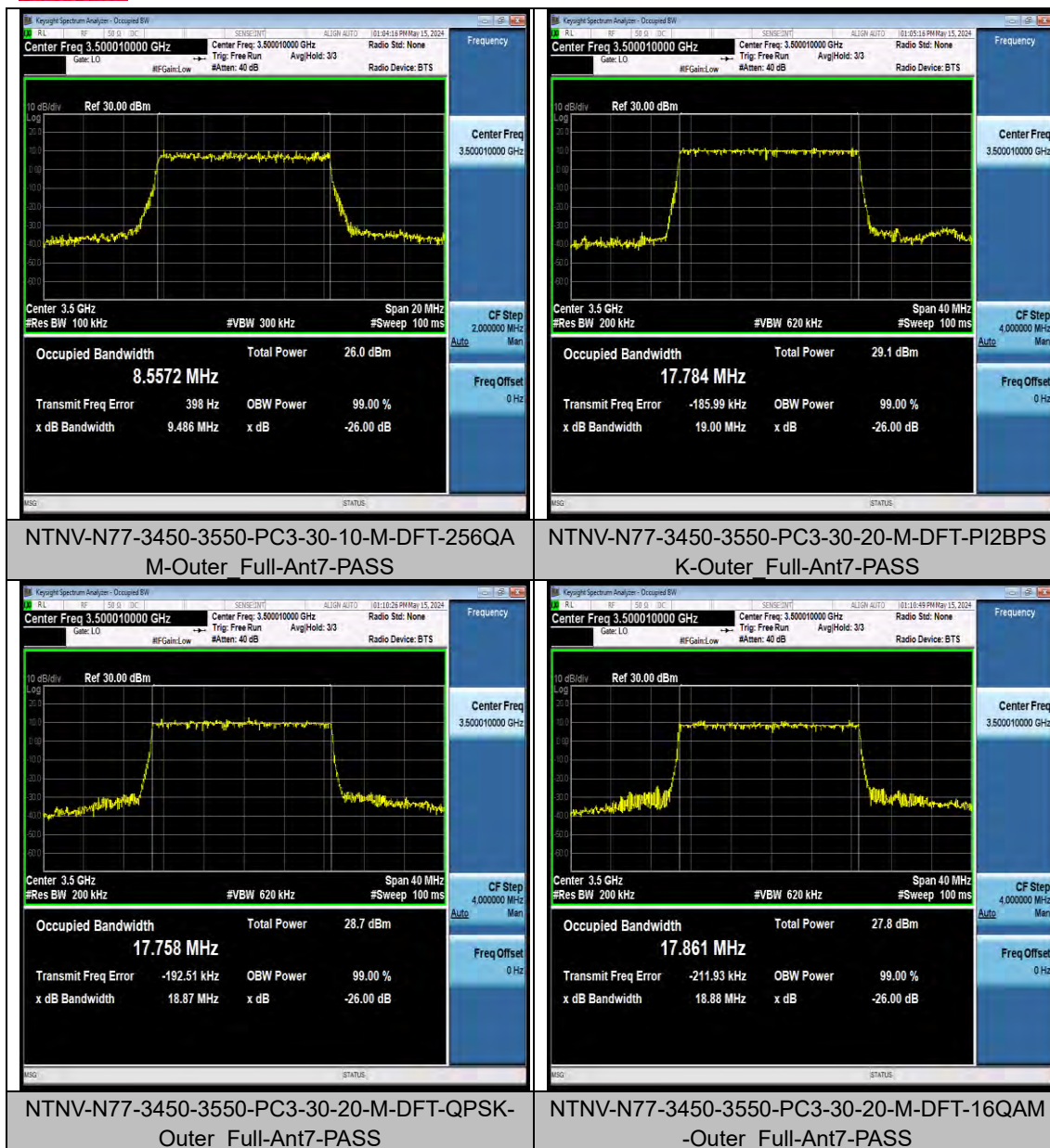
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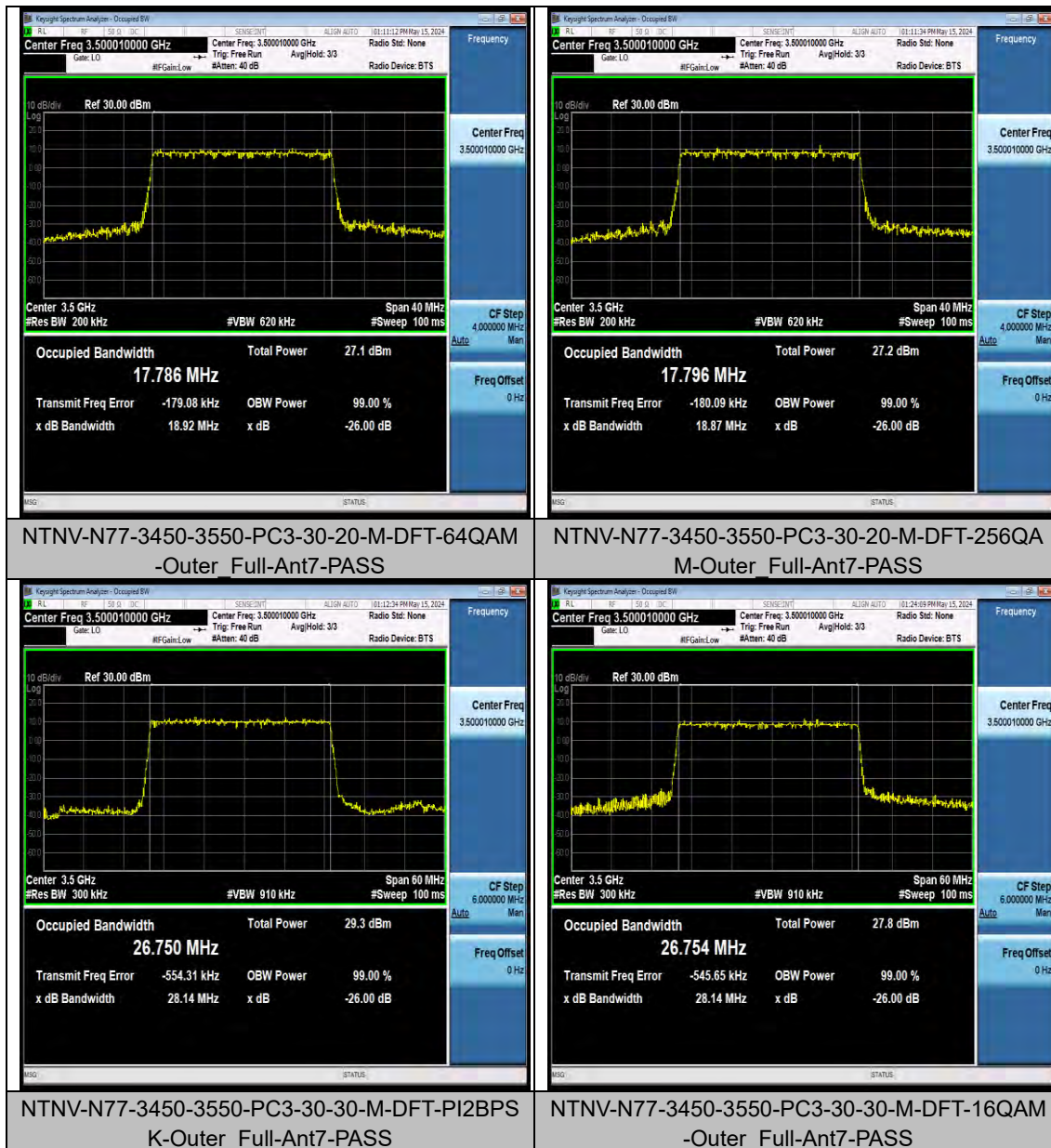
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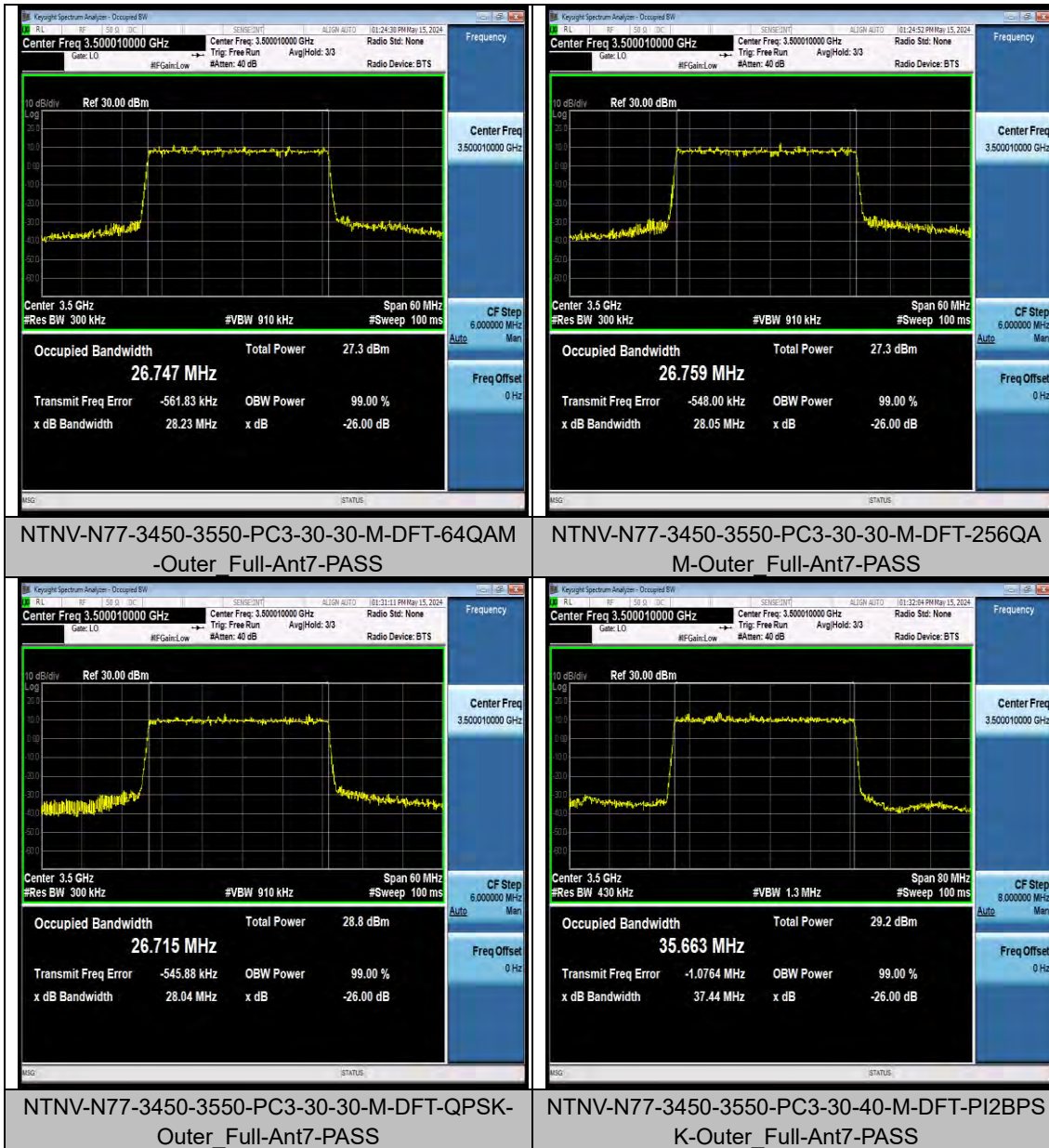
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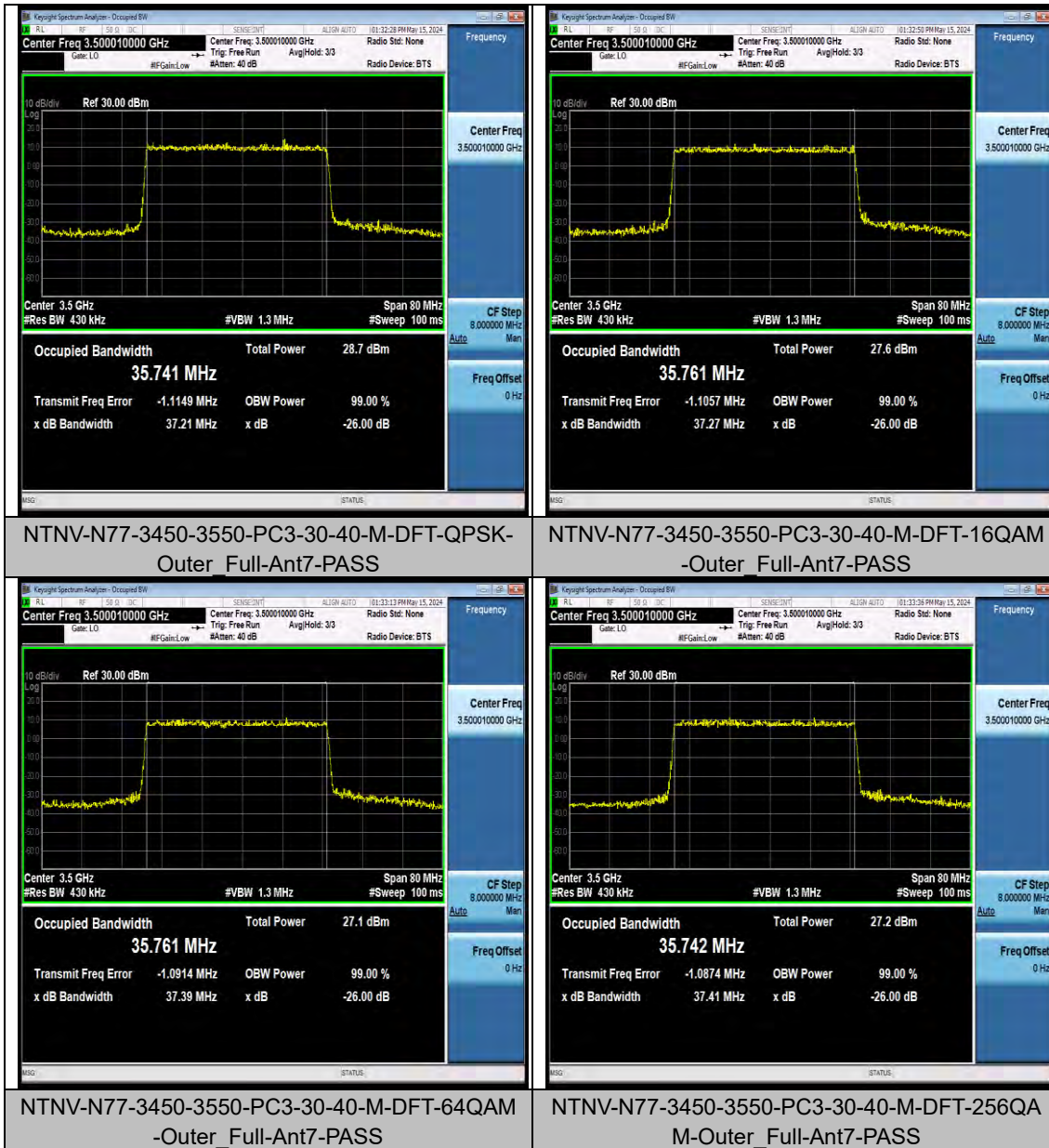
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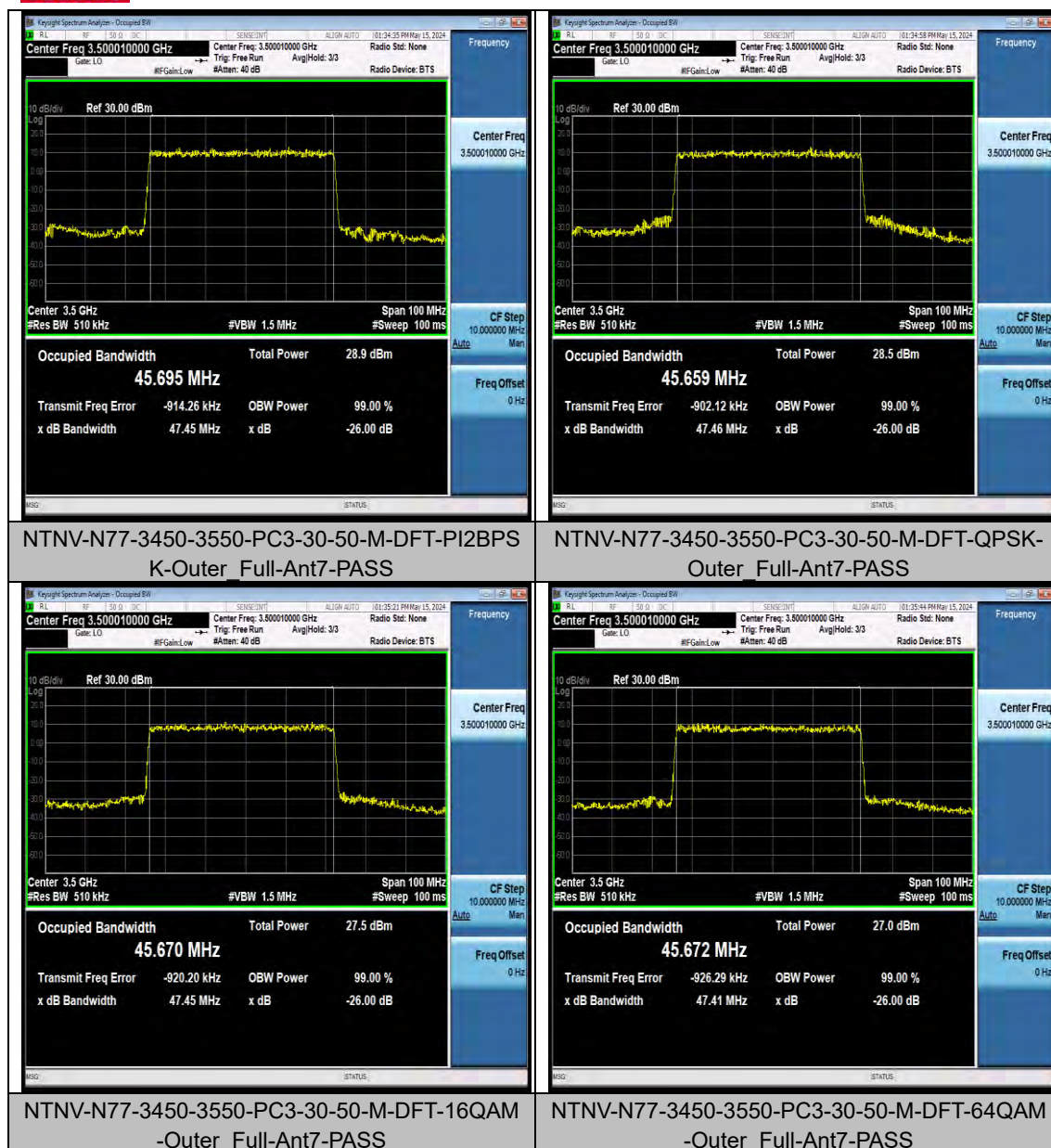
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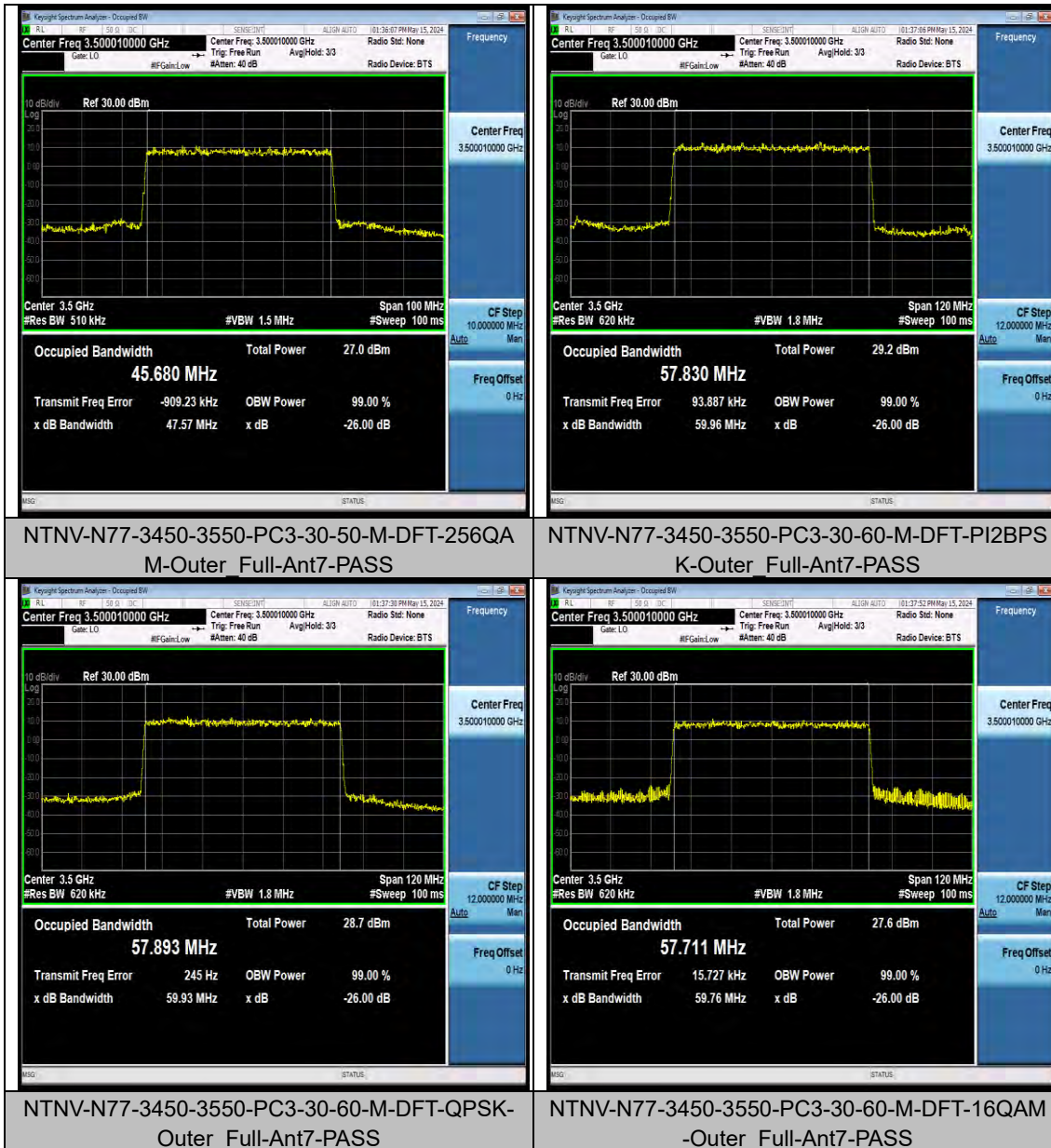
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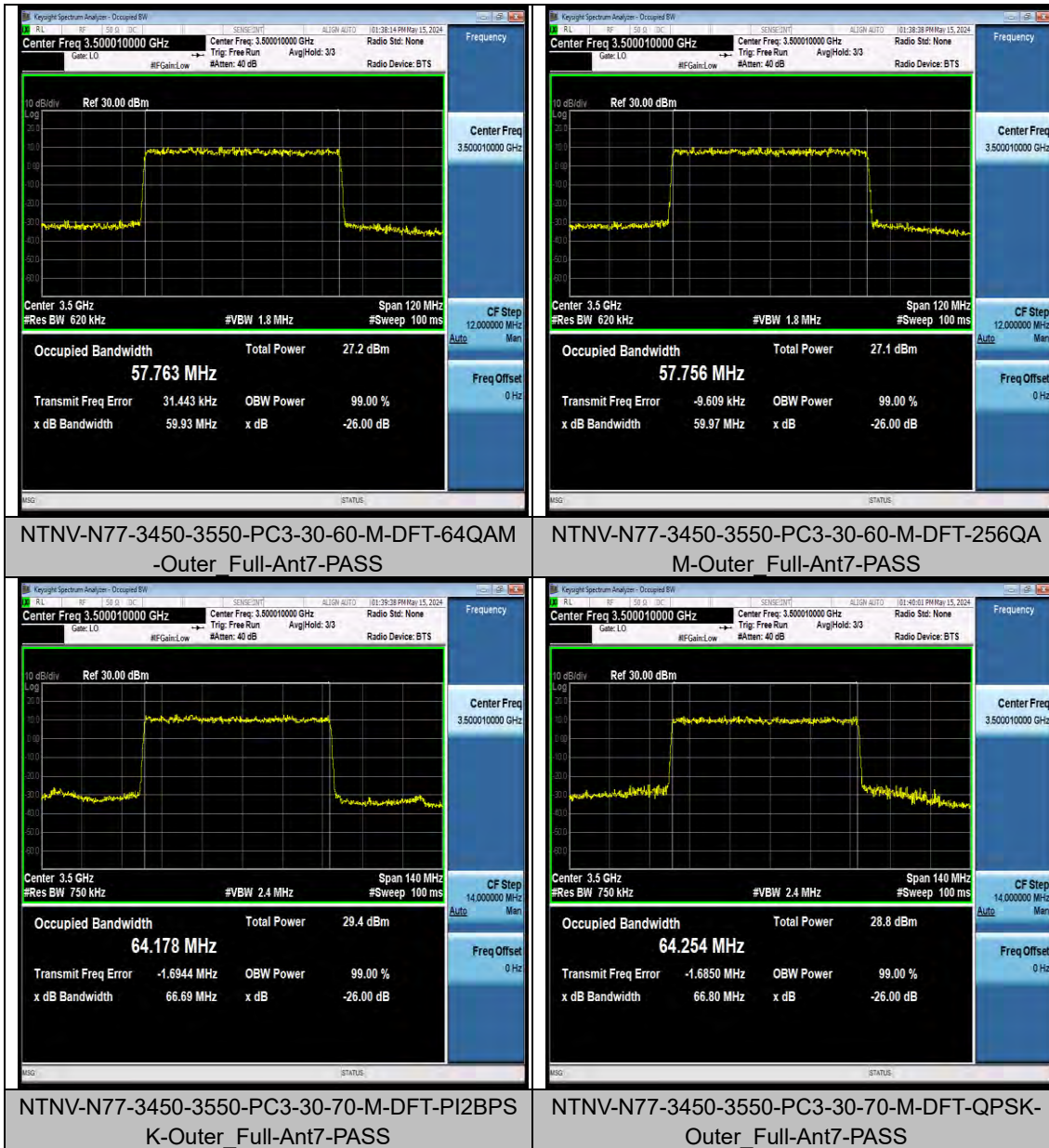
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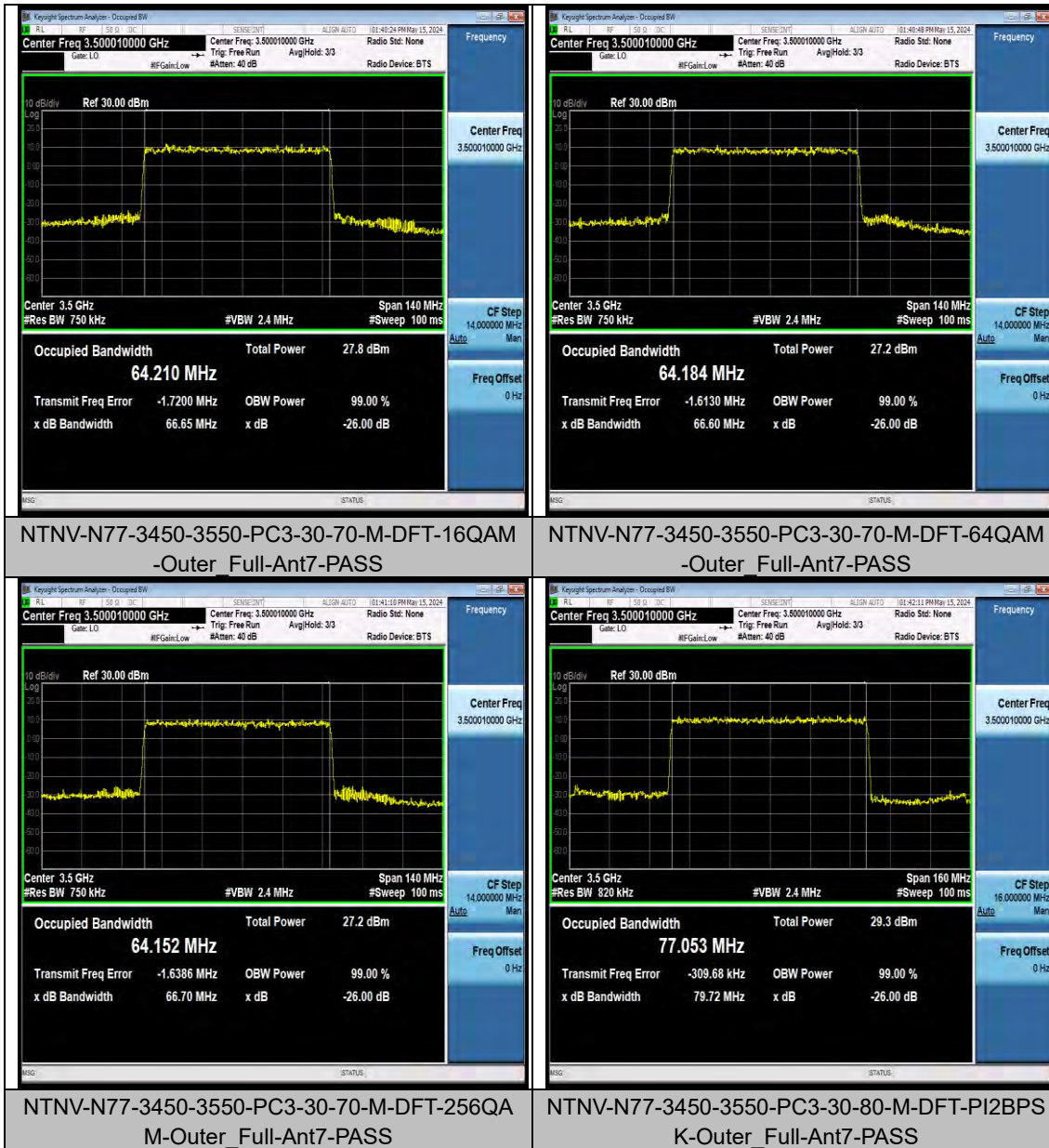
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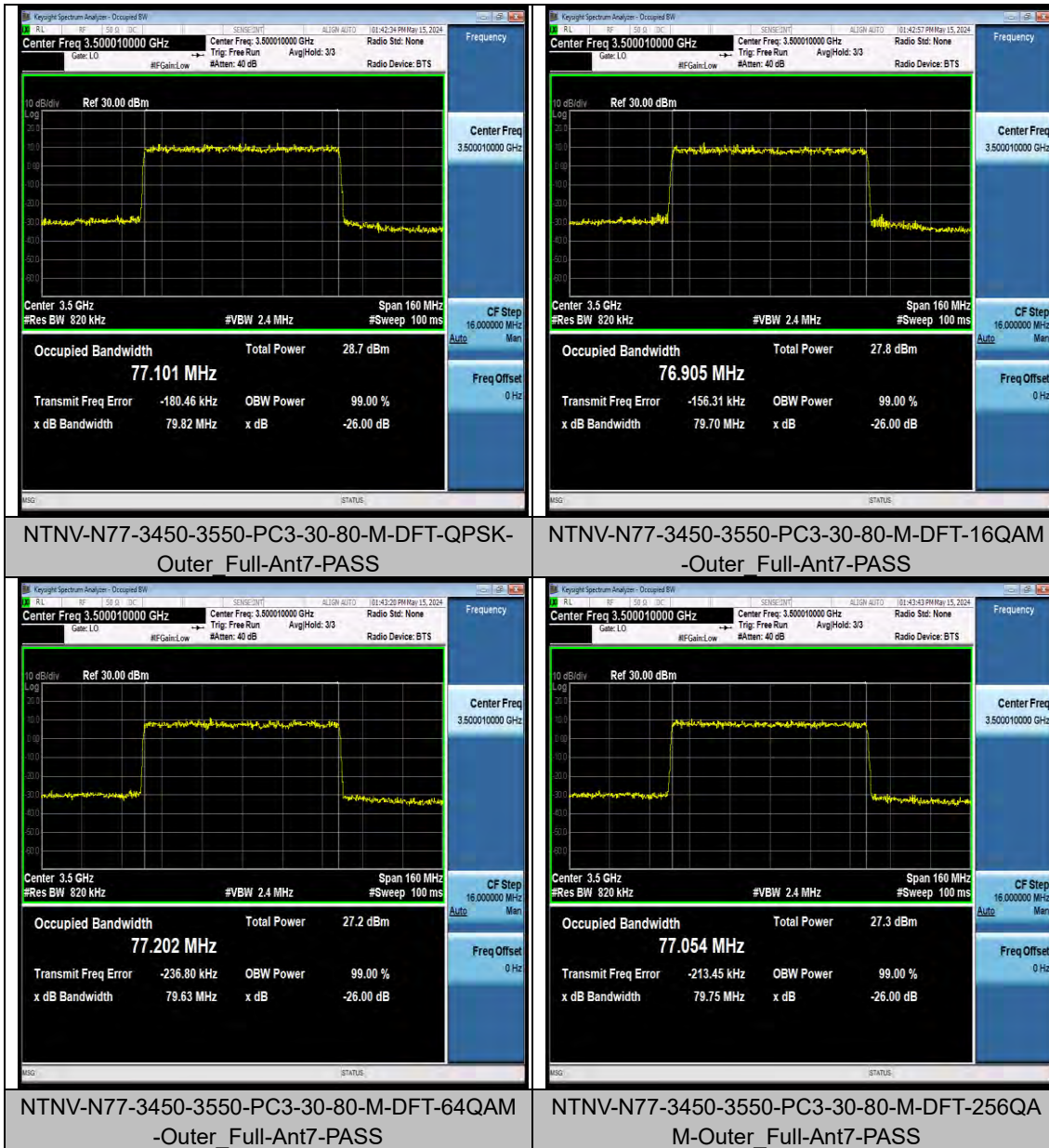
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VERITAS

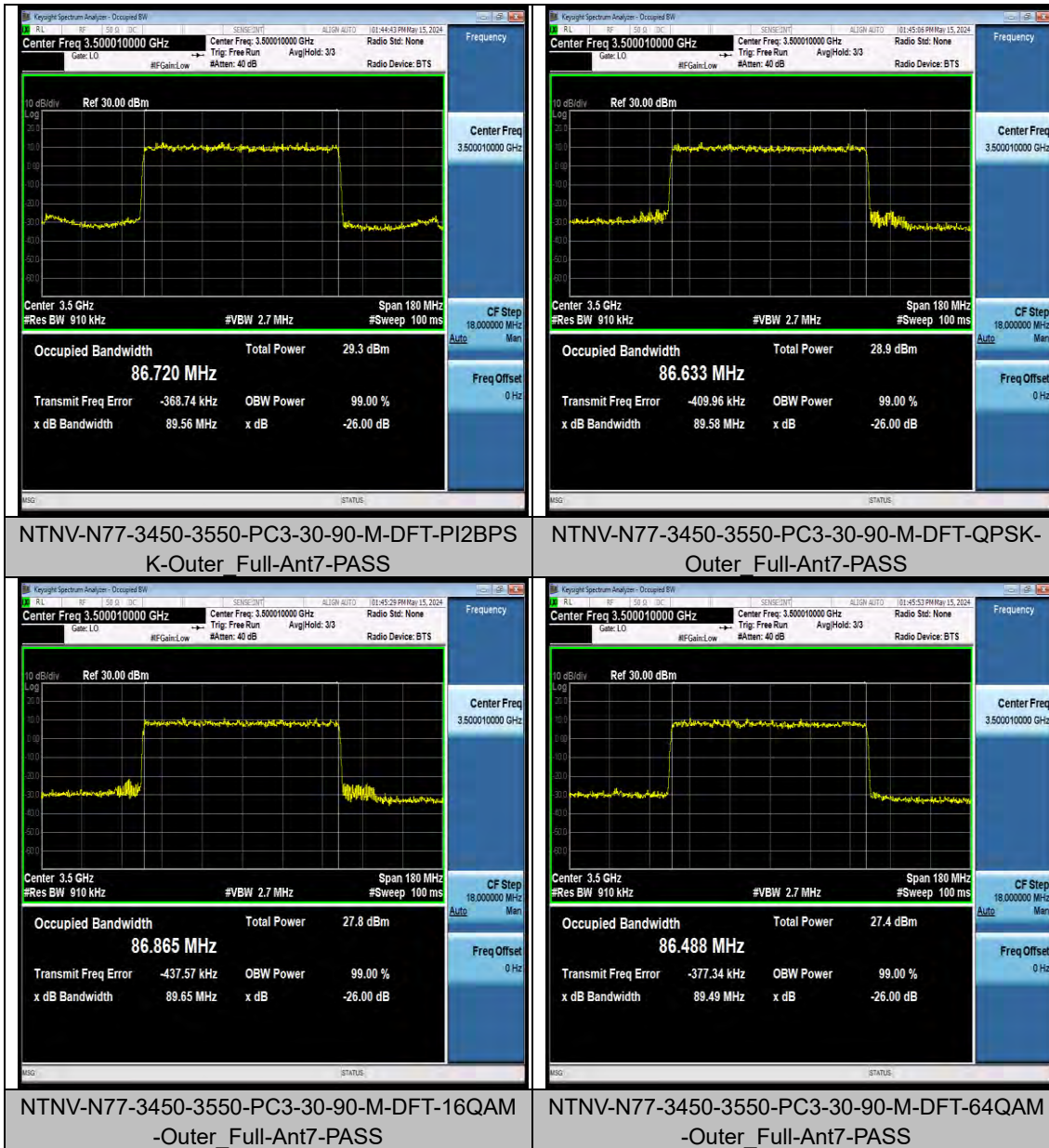
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VERITAS

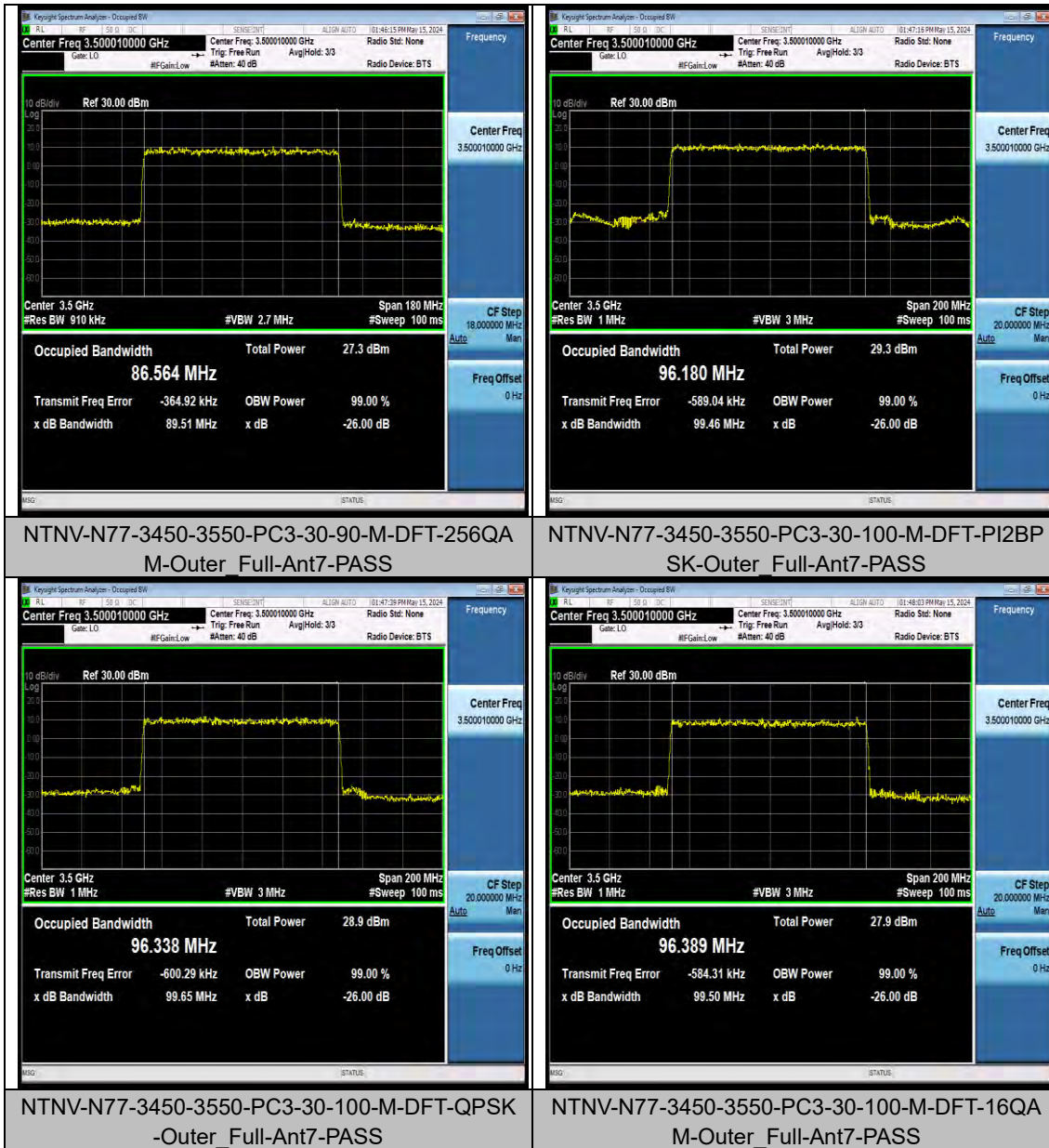
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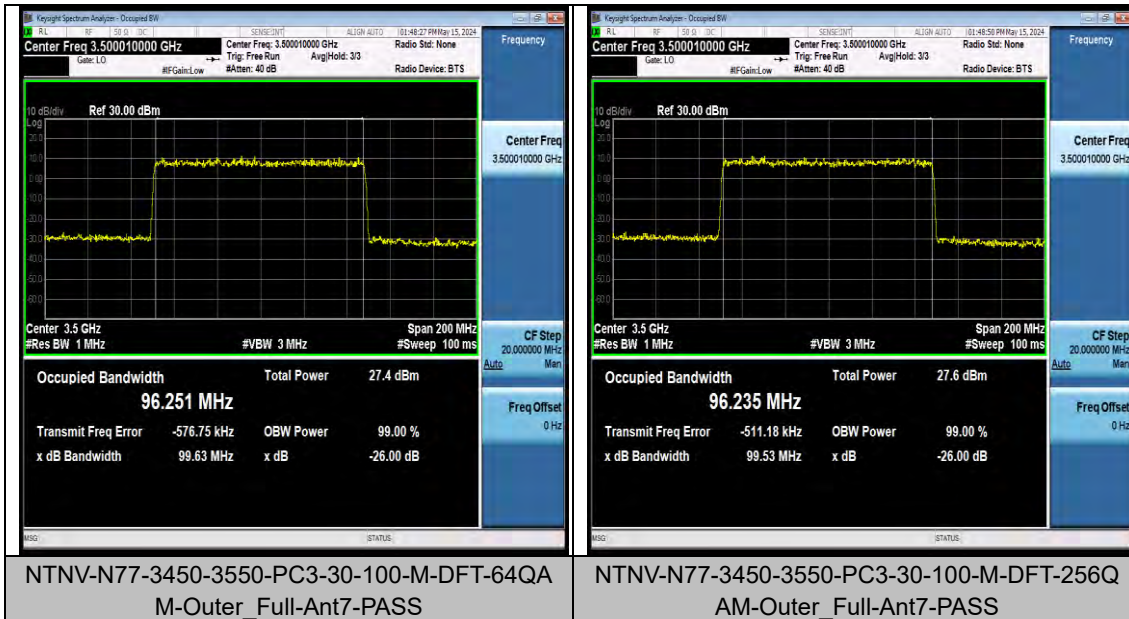
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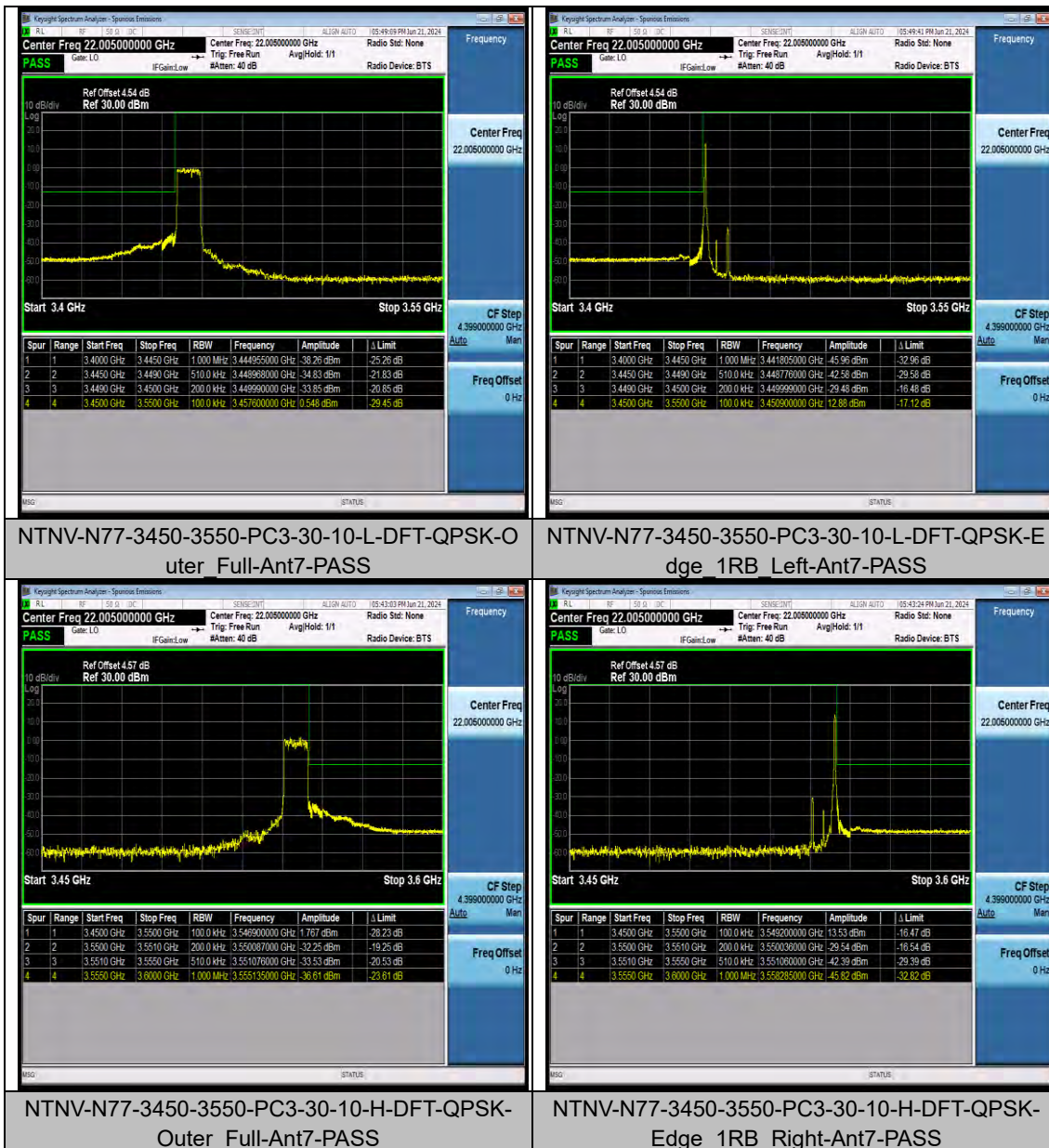
Reference No.: W7L-P24090003RF08



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

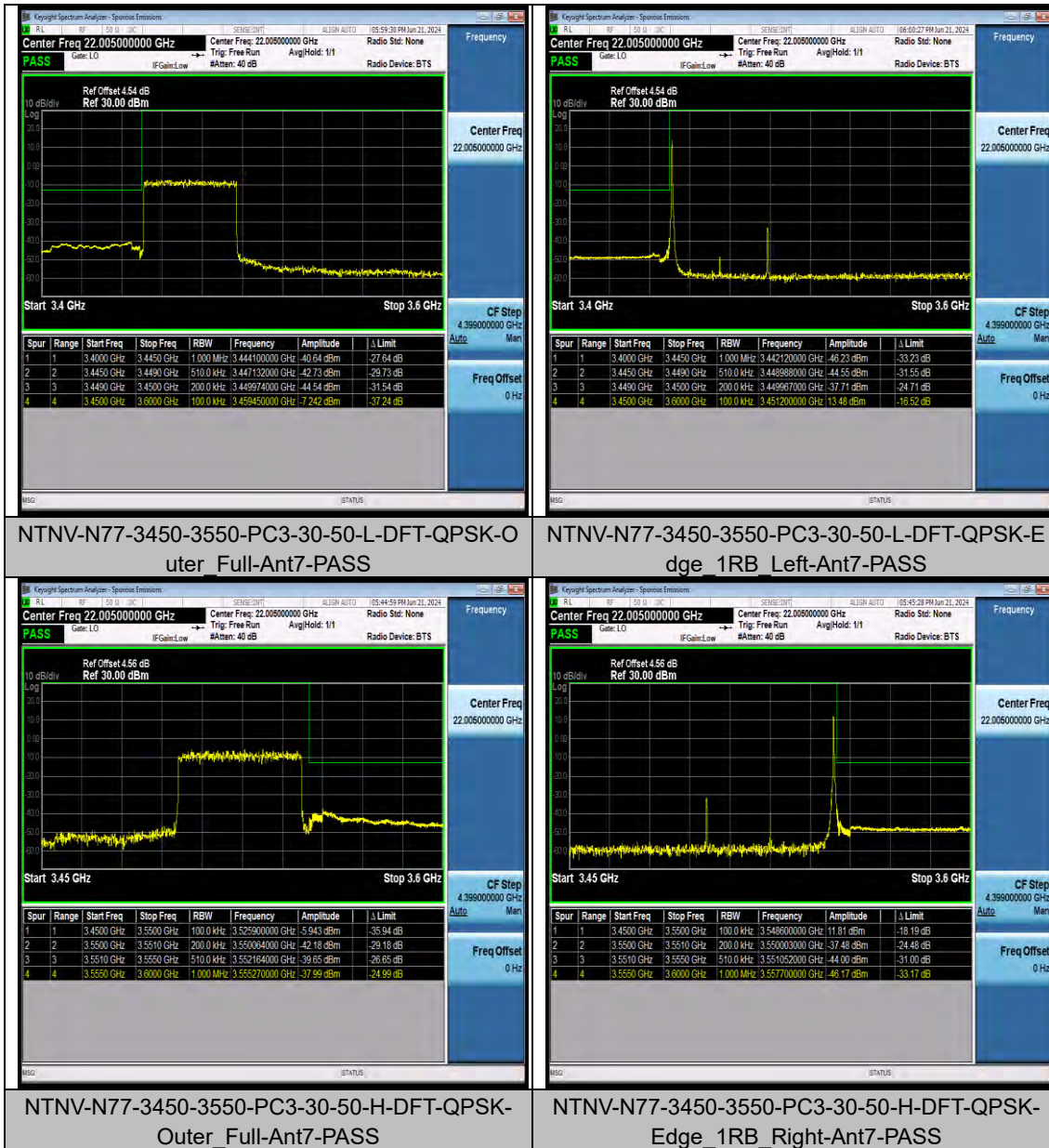
TEST GRAPHS





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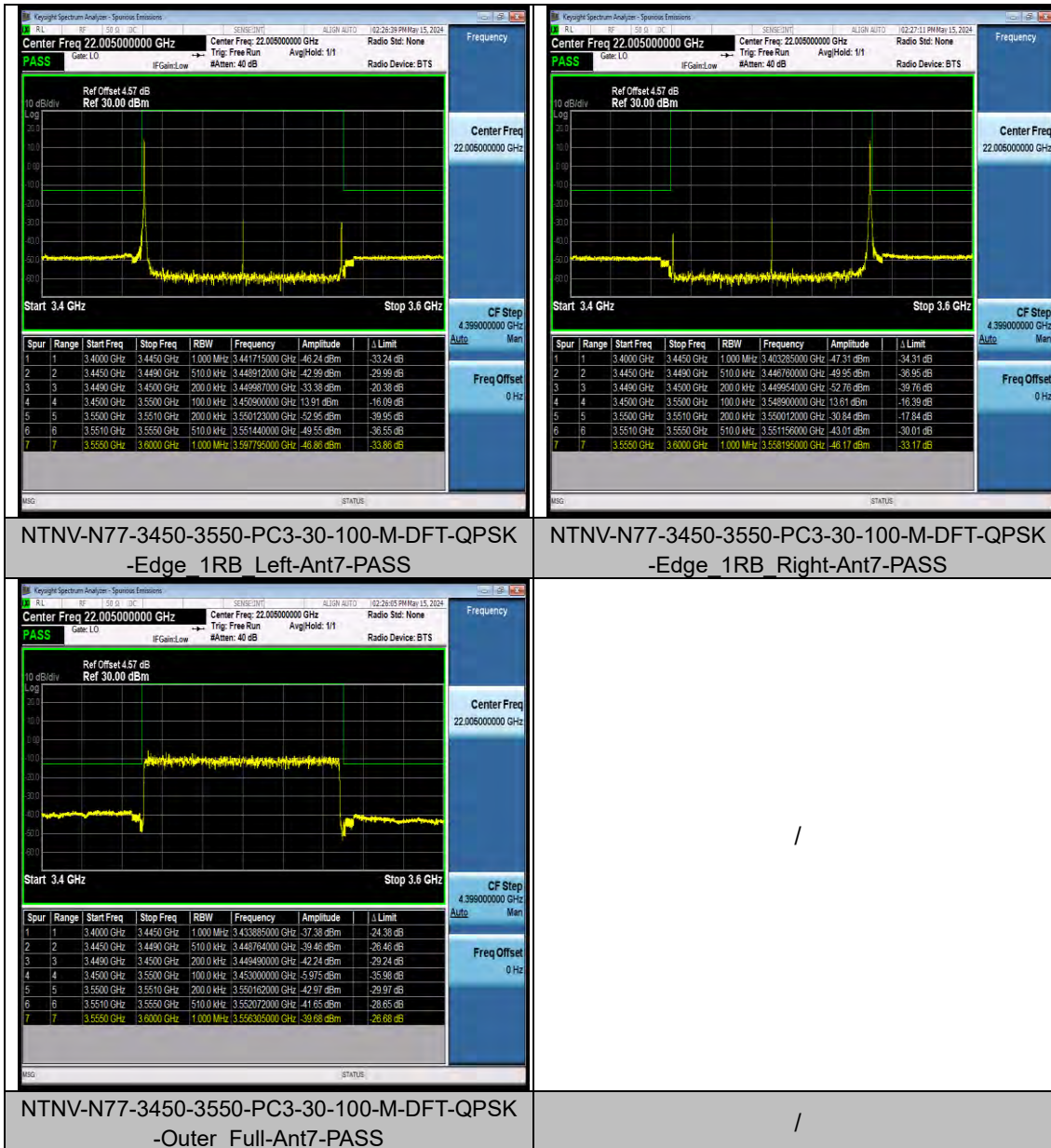
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Reference No.: W7L-P24090003RF08





Reference No.: W7L-P24090003RF08

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-47.89	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-37.65	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.66	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-45.24	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.15	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-37.88	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.44	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-45.37	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.11	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-37.93	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-56.49	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-45.18	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	L	Edge_1RB_Left	30	1000	-47.93	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-37.39	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.56	-13	PASS

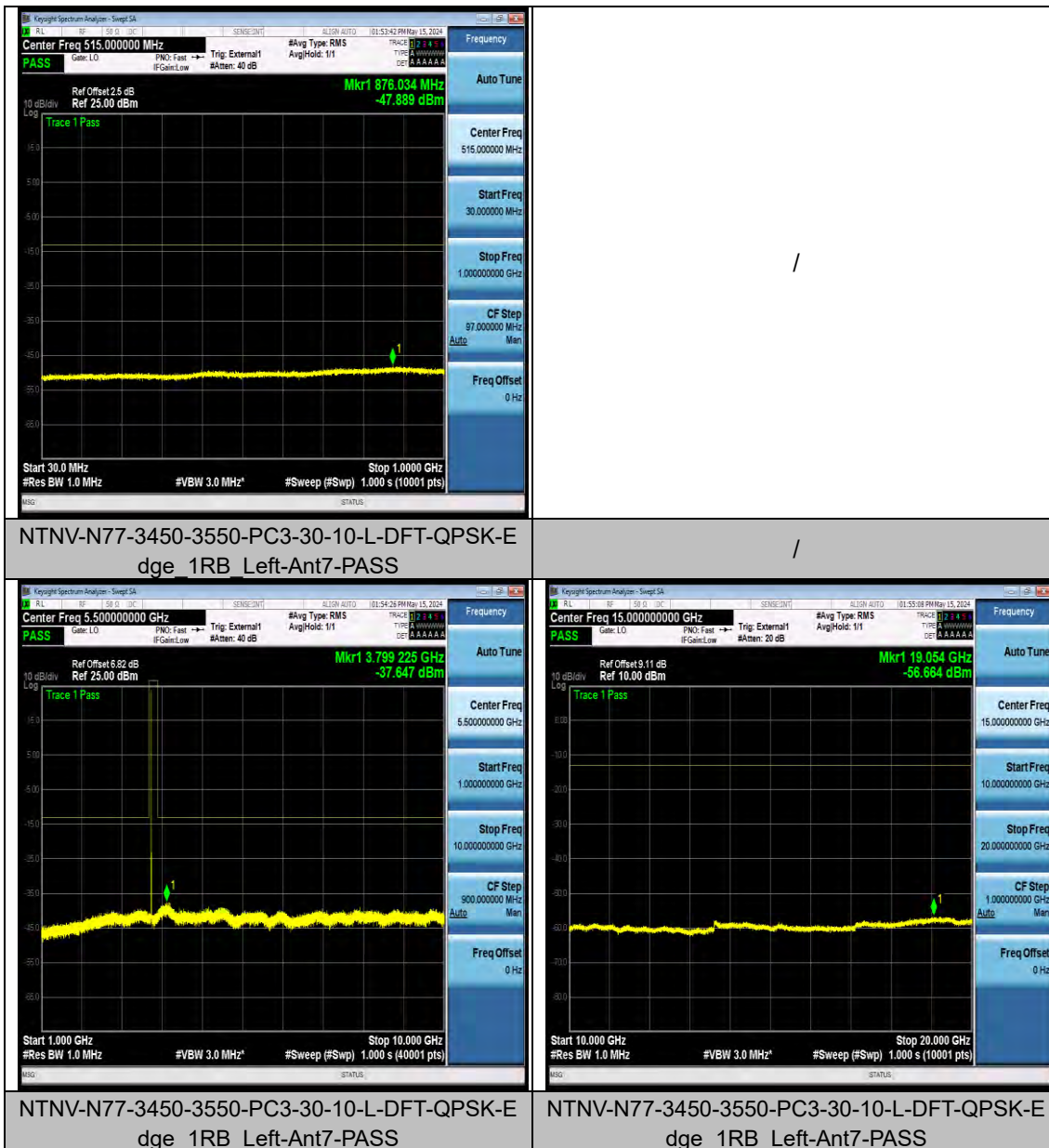


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VERITAS**

Reference No.: W7L-P24090003RF08

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

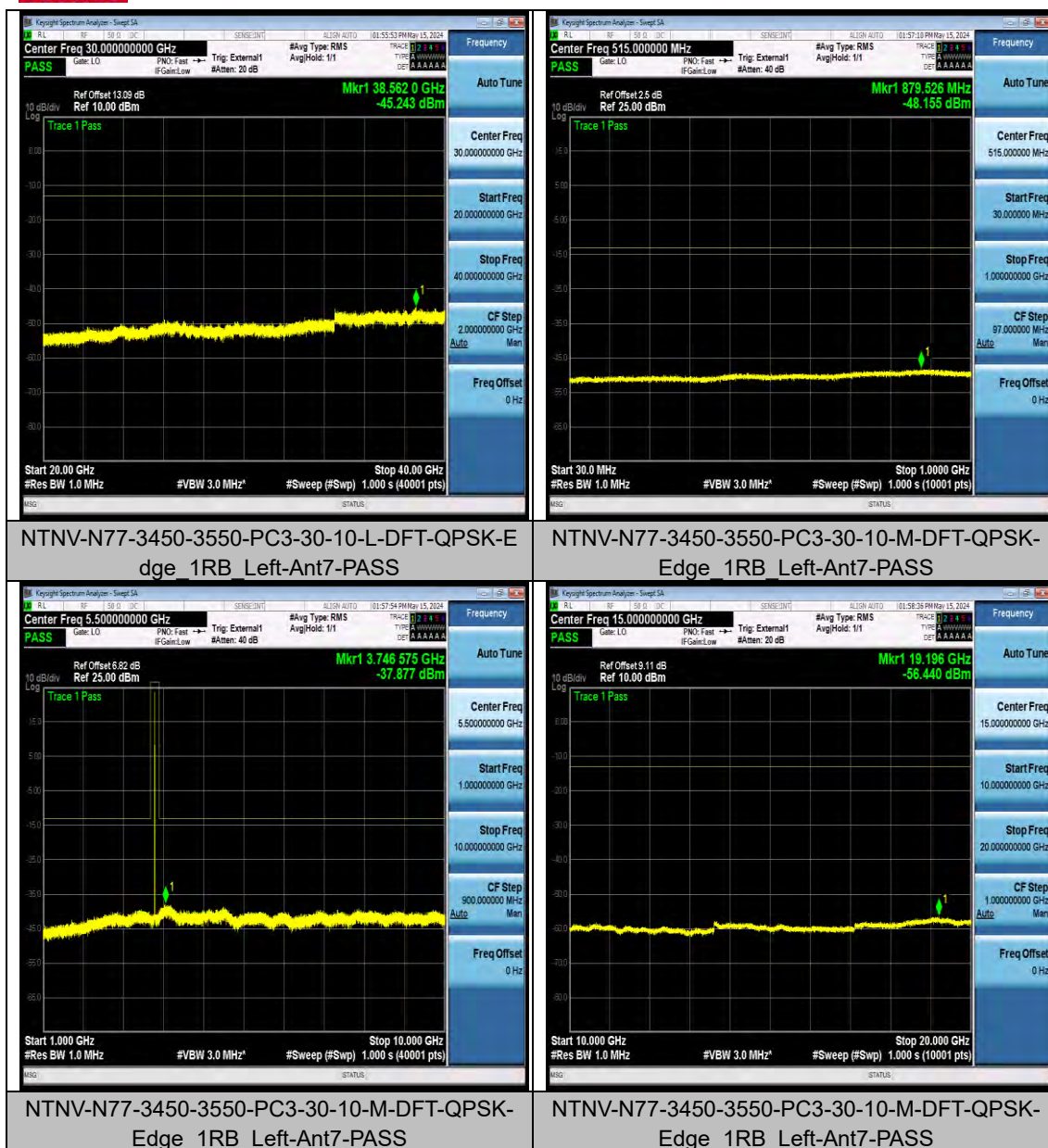
TEST GRAPHS





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VERITAS

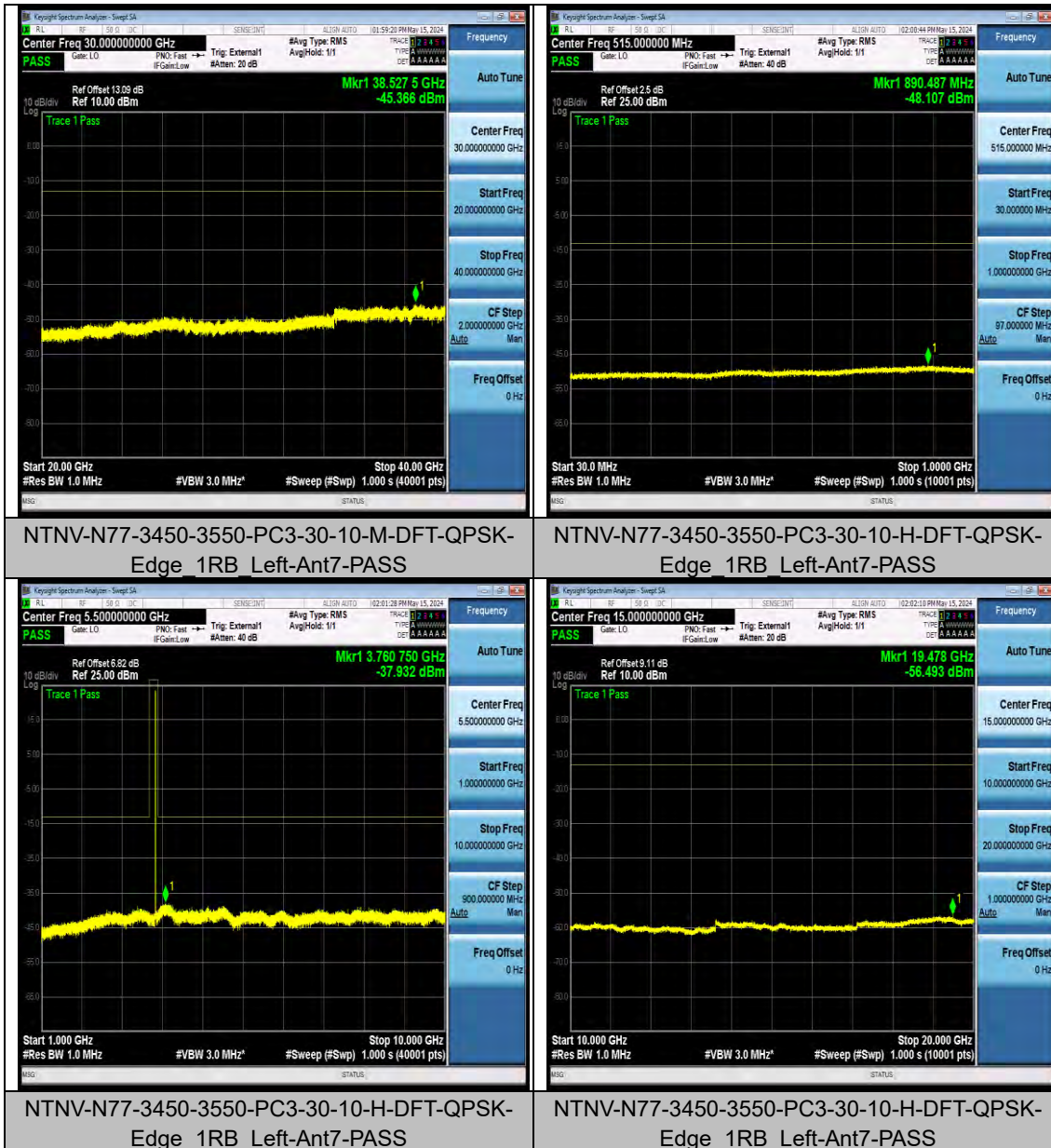
Reference No.: W7L-P24090003RF08





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