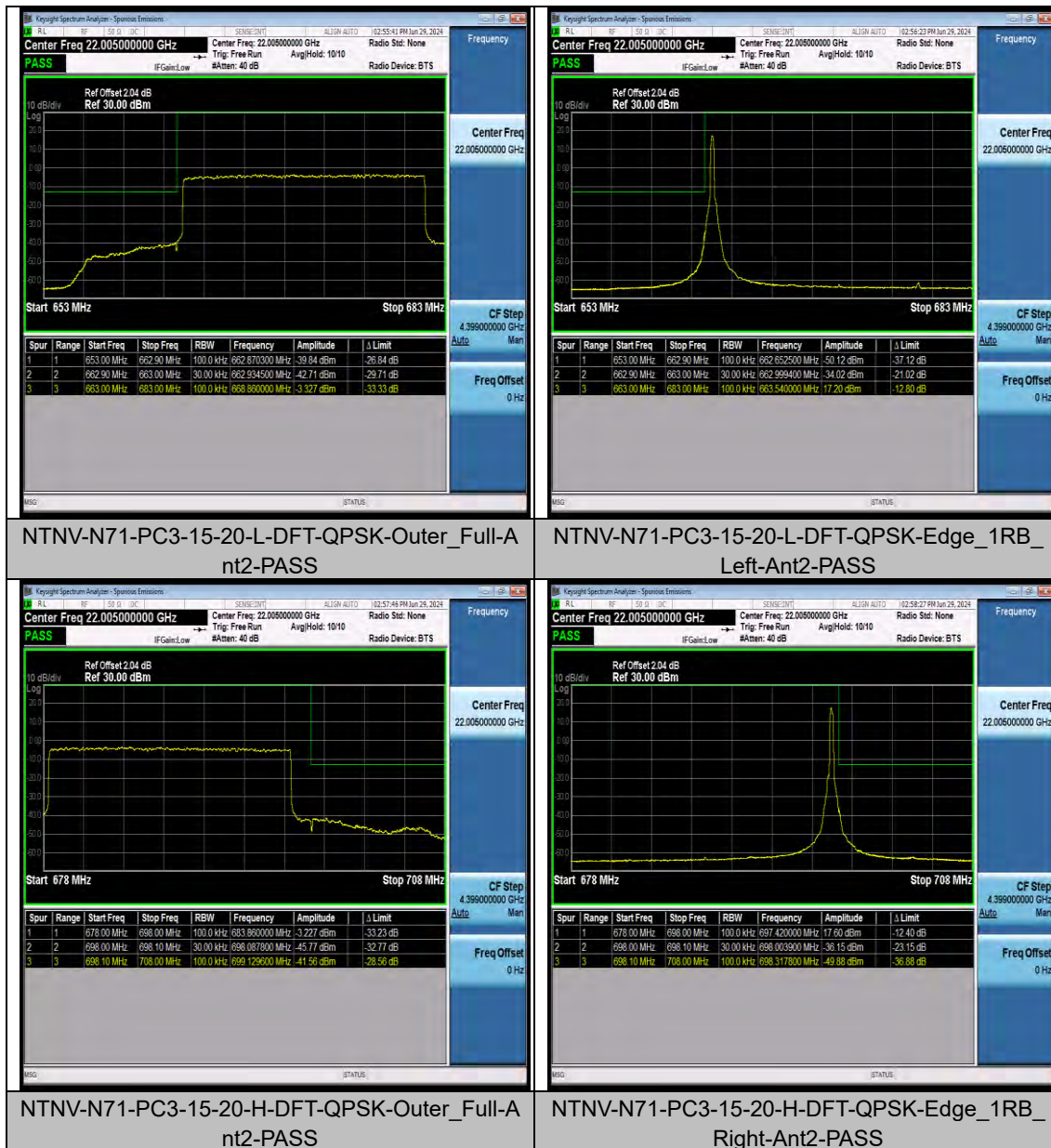




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Reference No.: W7L-P24050018RF11



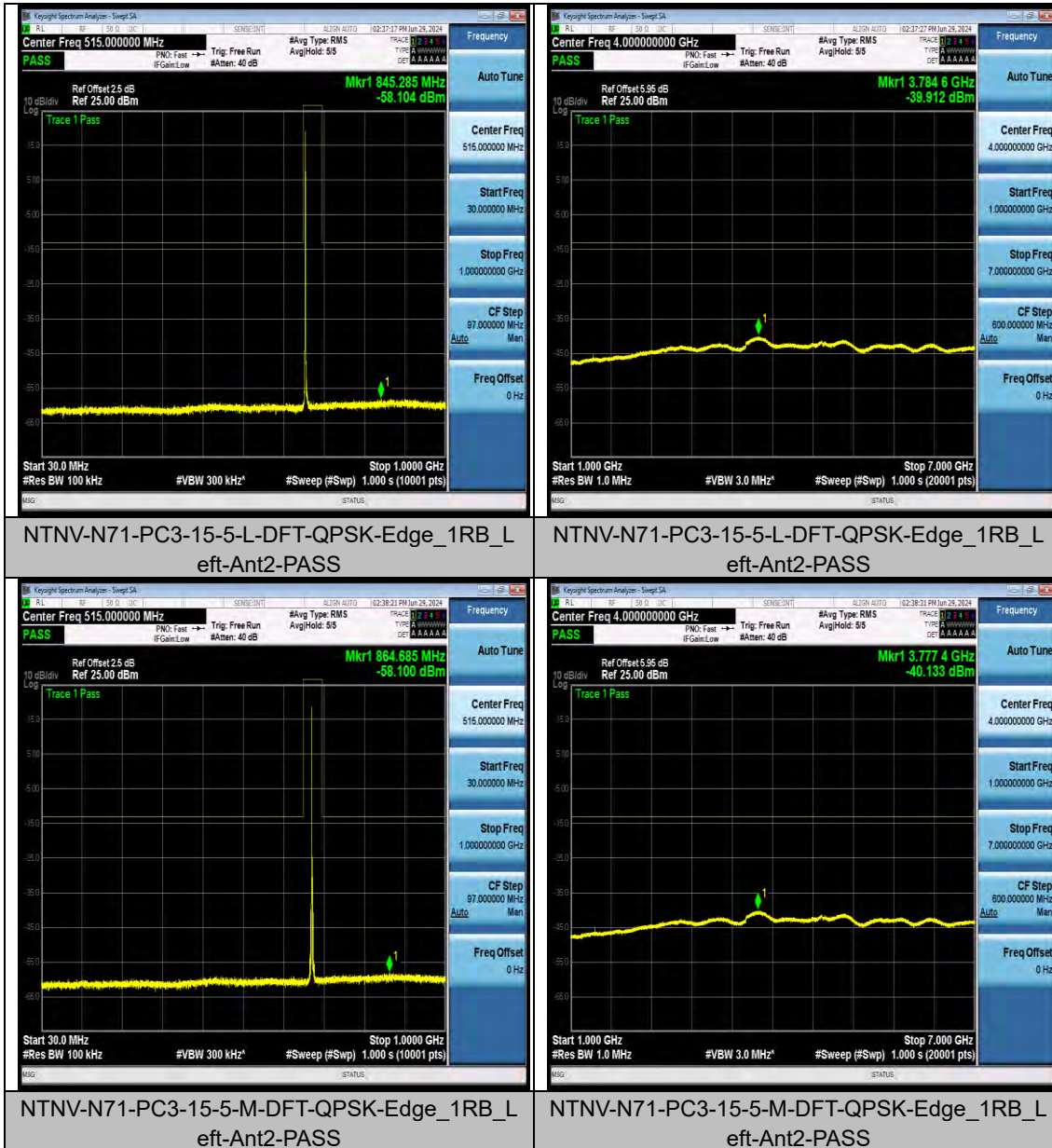


Reference No.: W7L-P24050018RF11

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	-58.10	-13	PASS
N71	15	5	DFT-QPSK	L	Edge 1RB Left	1000	7000	-39.91	-13	PASS
N71	15	5	DFT-QPSK	M	Edge 1RB Left	30	1000	-58.10	-13	PASS
N71	15	5	DFT-QPSK	M	Edge 1RB Left	1000	7000	-40.13	-13	PASS
N71	15	5	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.84	-13	PASS
N71	15	5	DFT-QPSK	H	Edge 1RB Left	1000	7000	-40.17	-13	PASS
N71	15	10	DFT-QPSK	L	Edge 1RB Left	30	1000	-57.67	-13	PASS
N71	15	10	DFT-QPSK	L	Edge 1RB Left	1000	7000	-40.15	-13	PASS
N71	15	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-58.12	-13	PASS
N71	15	10	DFT-QPSK	M	Edge 1RB Left	1000	7000	-40.13	-13	PASS
N71	15	10	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.95	-13	PASS
N71	15	10	DFT-QPSK	H	Edge 1RB Left	1000	7000	-40.09	-13	PASS
N71	15	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-58.08	-13	PASS
N71	15	20	DFT-QPSK	L	Edge 1RB Left	1000	7000	-40.28	-13	PASS
N71	15	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-58.12	-13	PASS
N71	15	20	DFT-QPSK	M	Edge 1RB Left	1000	7000	-40.12	-13	PASS
N71	15	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-57.86	-13	PASS
N71	15	20	DFT-QPSK	H	Edge 1RB Left	1000	7000	-40.16	-13	PASS

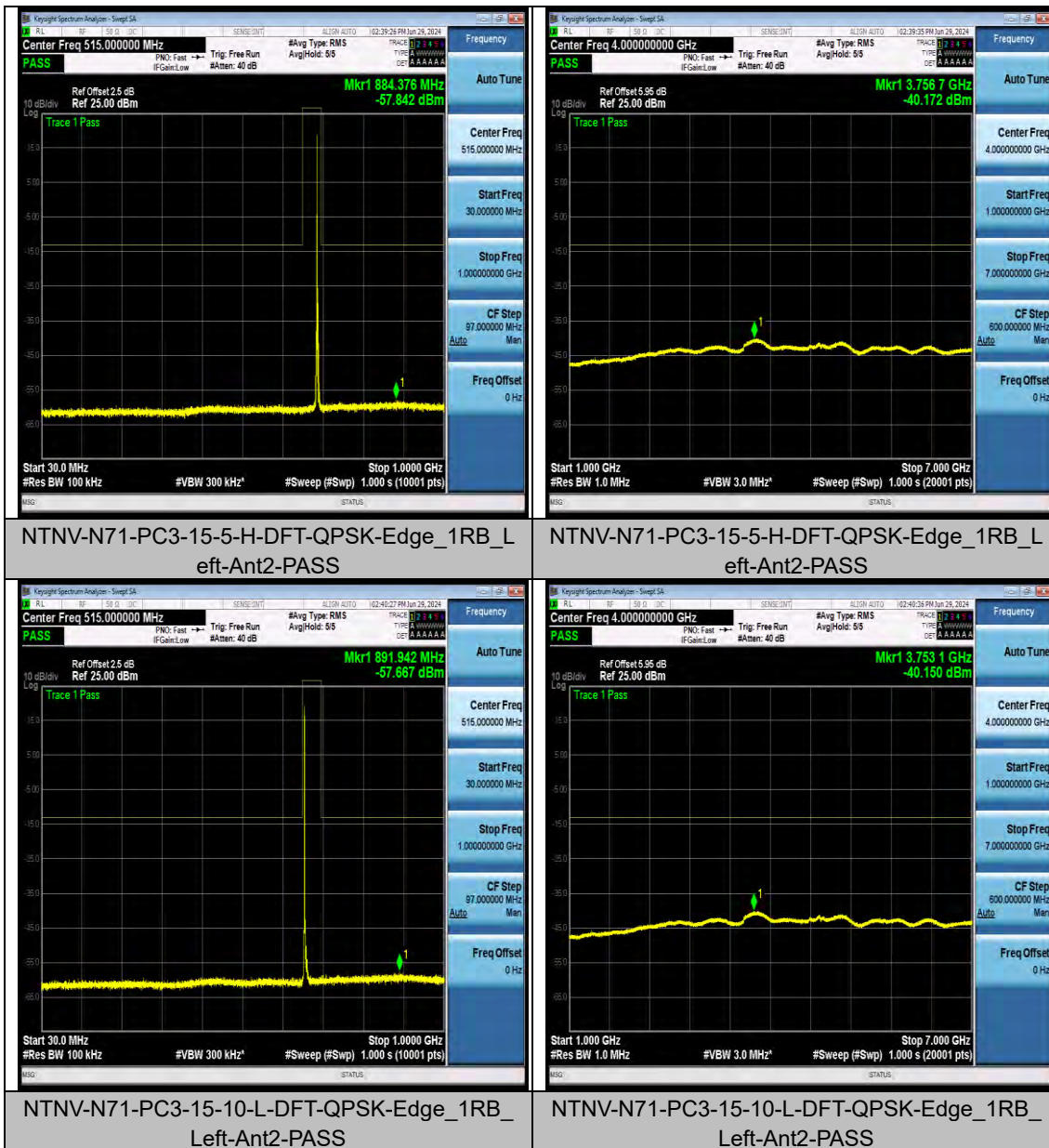
TEST GRAPHS





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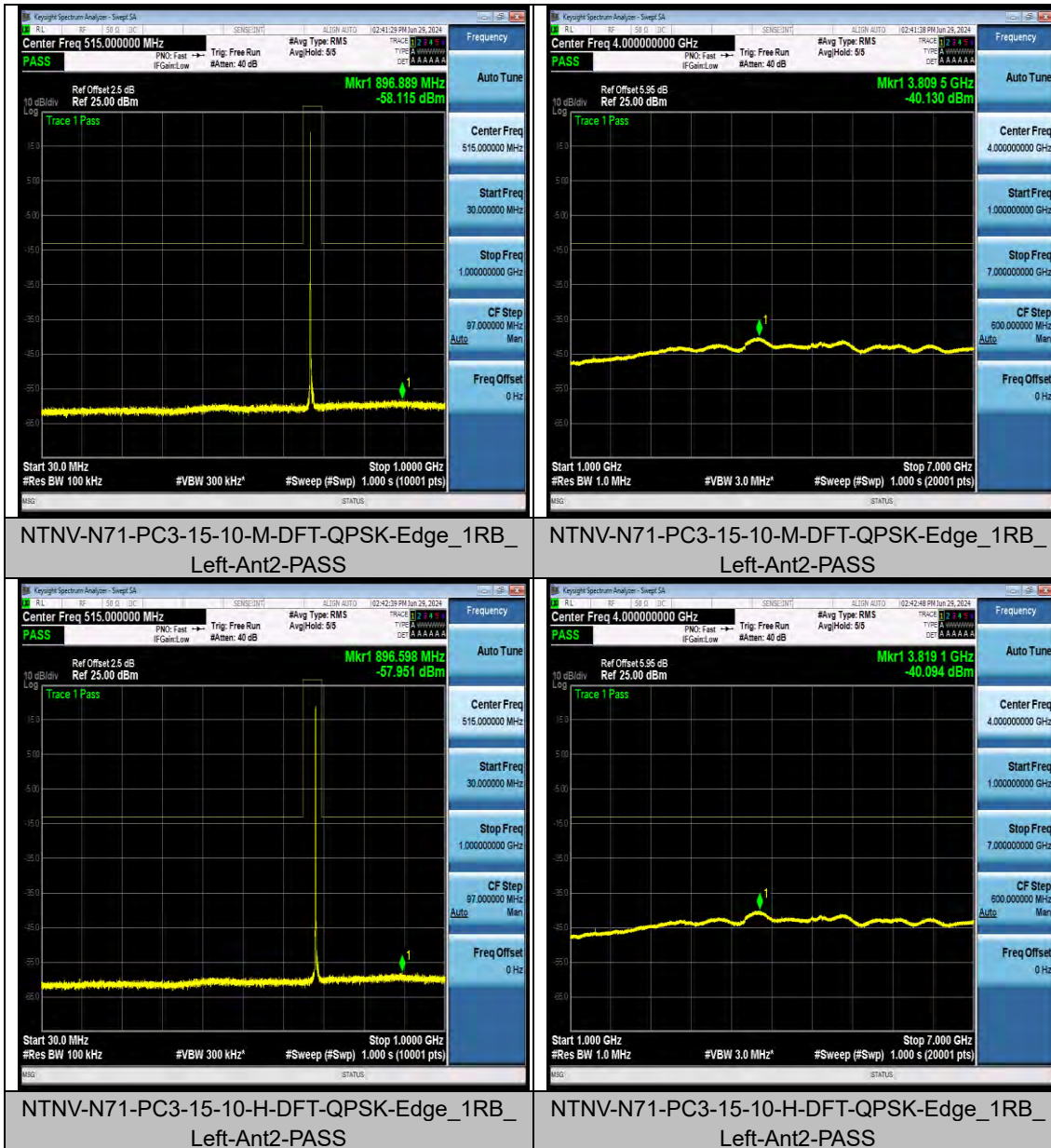
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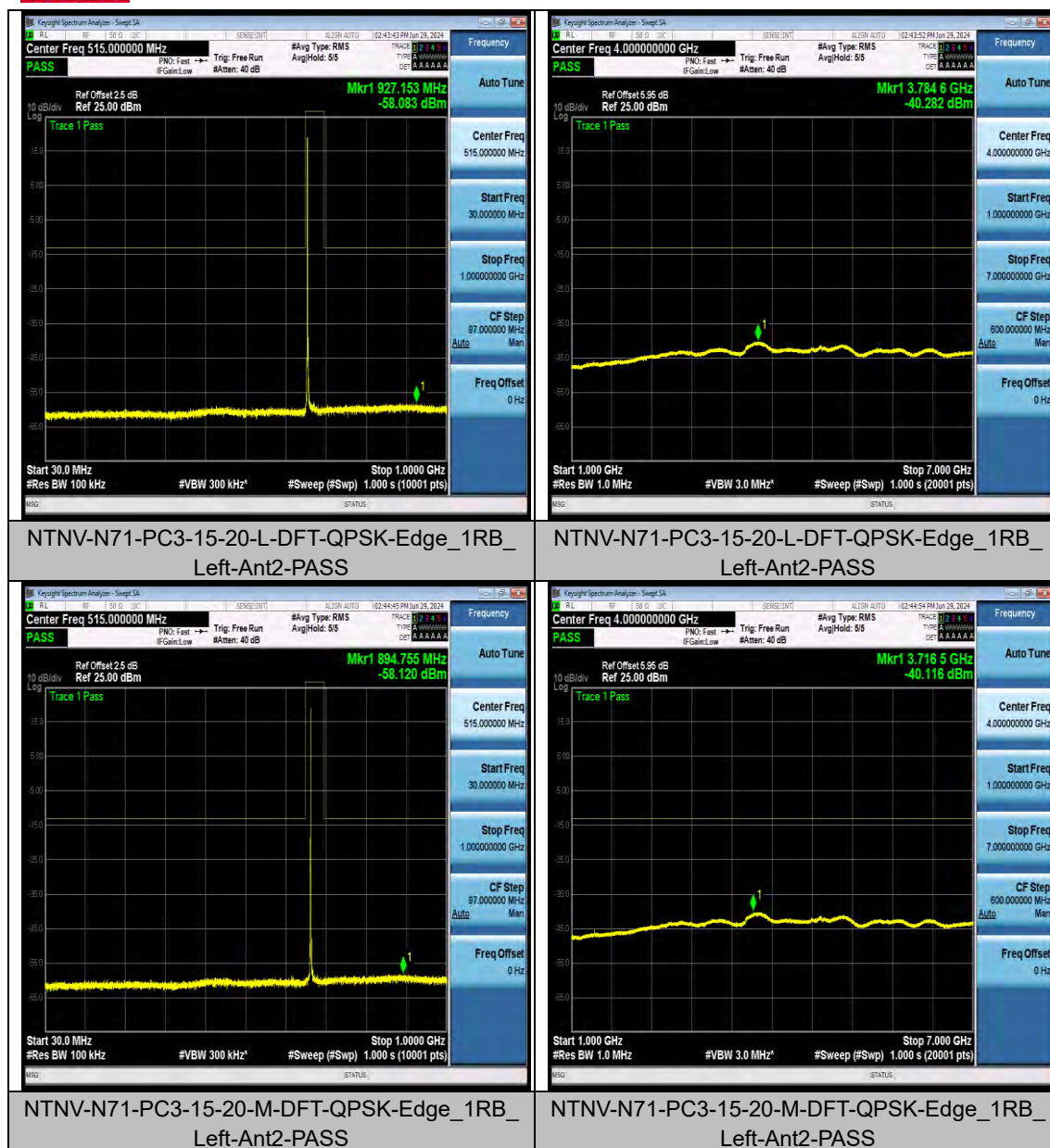
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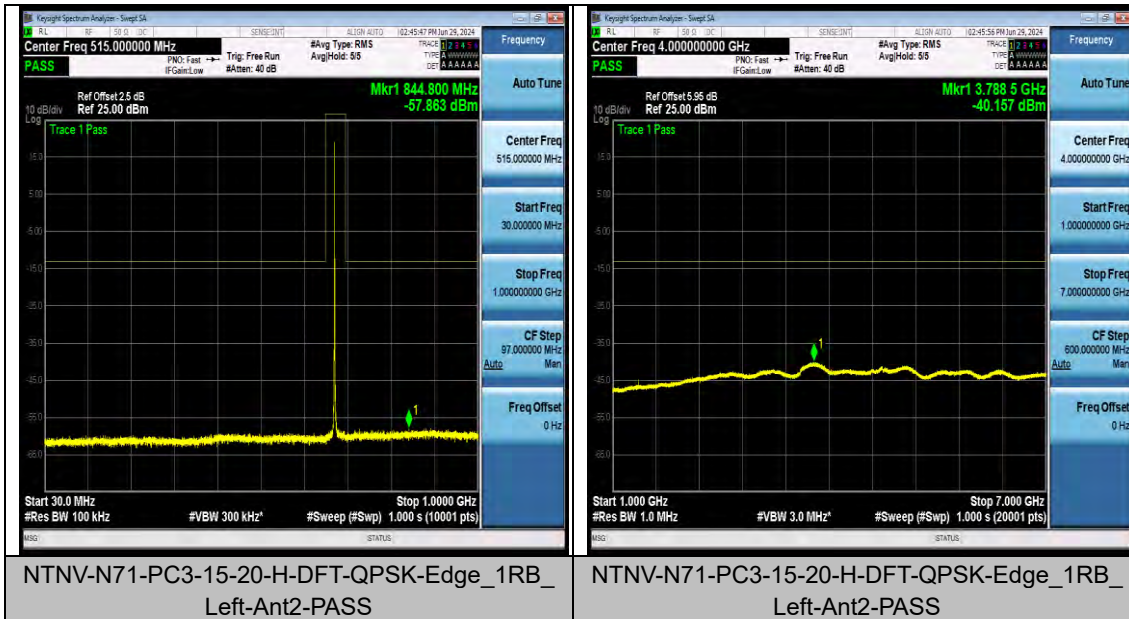
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Reference No.: W7L-P24050018RF11

FREQUENCY STABILITY FOR SA TEST RESULT

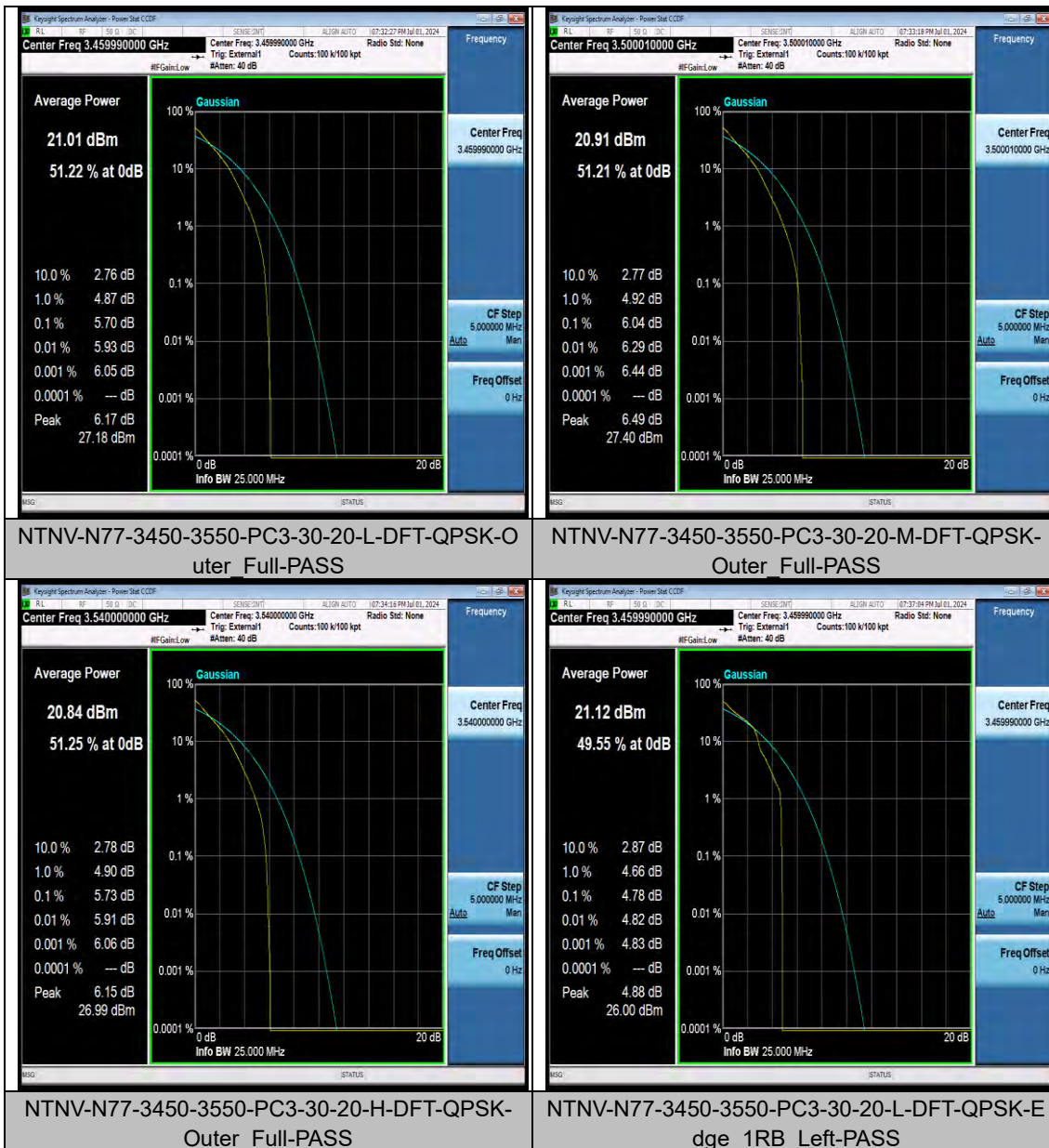
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-QPSK	L	Outer Full	VL	NT	8.000000	0.011887	PASS
N71	15	20	DFT-QPSK	L	Outer Full	VN	NT	13.000000	0.019316	PASS
N71	15	20	DFT-QPSK	L	Outer Full	VH	NT	1.000000	0.001486	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	-30	3.000000	0.004458	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	-20	14.000000	0.020802	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	-10	2.000000	0.002972	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	0	13.000000	0.019316	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	10	4.000000	0.005944	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	20	6.000000	0.008915	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	30	17.000000	0.025260	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	40	15.000000	0.022288	PASS
N71	15	20	DFT-QPSK	L	Outer Full	NV	50	16.000000	0.023774	PASS
N71	15	20	DFT-QPSK	M	Outer Full	VL	NT	3.000000	0.004409	PASS
N71	15	20	DFT-QPSK	M	Outer Full	VN	NT	8.000000	0.011756	PASS
N71	15	20	DFT-QPSK	M	Outer Full	VH	NT	15.000000	0.022043	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	-30	7.000000	0.010287	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	-20	19.000000	0.027921	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	-10	18.000000	0.026451	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	0	2.000000	0.002939	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	10	13.000000	0.019104	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	20	4.000000	0.005878	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	30	15.000000	0.022043	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	40	2.000000	0.002939	PASS
N71	15	20	DFT-QPSK	M	Outer Full	NV	50	12.000000	0.017634	PASS
N71	15	20	DFT-QPSK	H	Outer Full	VL	NT	16.000000	0.023256	PASS
N71	15	20	DFT-QPSK	H	Outer Full	VN	NT	18.000000	0.026163	PASS
N71	15	20	DFT-QPSK	H	Outer Full	VH	NT	6.000000	0.008721	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	-30	17.000000	0.024709	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	-20	8.000000	0.011628	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	-10	16.000000	0.023256	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	0	18.000000	0.026163	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	10	16.000000	0.023256	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	20	7.000000	0.010174	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	30	18.000000	0.026163	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	40	9.000000	0.013081	PASS
N71	15	20	DFT-QPSK	H	Outer Full	NV	50	17.000000	0.024709	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	5.70	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	6.04	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.73	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	4.78	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	4.92	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	4.54	≤13	PASS

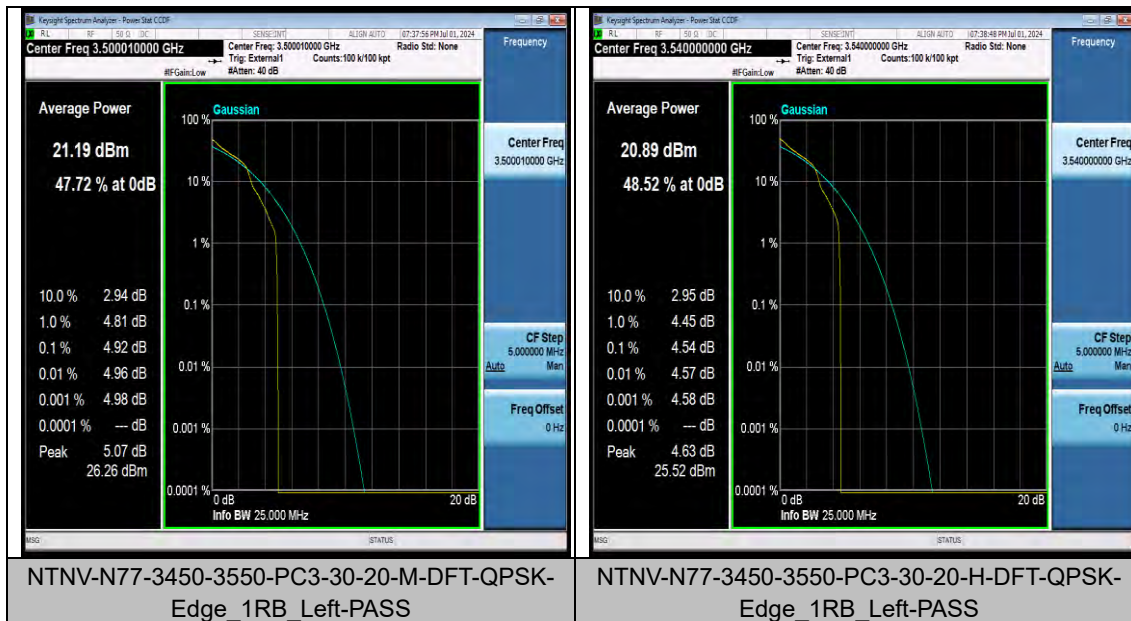
TEST GRAPHS





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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
N77-3450 -3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5845	9.340	PASS
N77-3450 -3550	30	10	DFT-QPSK	M	Outer_Full	8.5939	9.355	PASS
N77-3450 -3550	30	10	DFT-16QAM	M	Outer_Full	8.5690	9.231	PASS
N77-3450 -3550	30	10	DFT-64QAM	M	Outer_Full	8.5675	9.504	PASS
N77-3450 -3550	30	10	DFT-256QAM	M	Outer_Full	8.5604	9.444	PASS
N77-3450 -3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.261	99.51	PASS
N77-3450 -3550	30	100	DFT-QPSK	M	Outer_Full	96.615	99.67	PASS
N77-3450 -3550	30	100	DFT-16QAM	M	Outer_Full	96.427	99.51	PASS
N77-3450 -3550	30	100	DFT-64QAM	M	Outer_Full	96.319	99.64	PASS
N77-3450 -3550	30	100	DFT-256QAM	M	Outer_Full	96.262	99.51	PASS
N77-3450 -3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.781	18.99	PASS
N77-3450 -3550	30	20	DFT-QPSK	M	Outer_Full	17.775	19.00	PASS
N77-3450 -3550	30	20	DFT-16QAM	M	Outer_Full	17.870	18.90	PASS
N77-3450 -3550	30	20	DFT-64QAM	M	Outer_Full	17.790	18.79	PASS
N77-3450 -3550	30	20	DFT-256QAM	M	Outer_Full	17.808	18.89	PASS
N77-3450 -3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.795	28.11	PASS
N77-3450 -3550	30	30	DFT-QPSK	M	Outer_Full	26.718	28.05	PASS
N77-3450 -3550	30	30	DFT-16QAM	M	Outer_Full	26.749	28.22	PASS
N77-3450 -3550	30	30	DFT-64QAM	M	Outer_Full	26.755	28.22	PASS
N77-3450 -3550	30	30	DFT-256QAM	M	Outer_Full	26.762	28.05	PASS
N77-3450 -3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.714	37.30	PASS
N77-3450 -3550	30	40	DFT-QPSK	M	Outer_Full	35.732	37.28	PASS
N77-3450 -3550	30	40	DFT-16QAM	M	Outer_Full	35.756	37.24	PASS

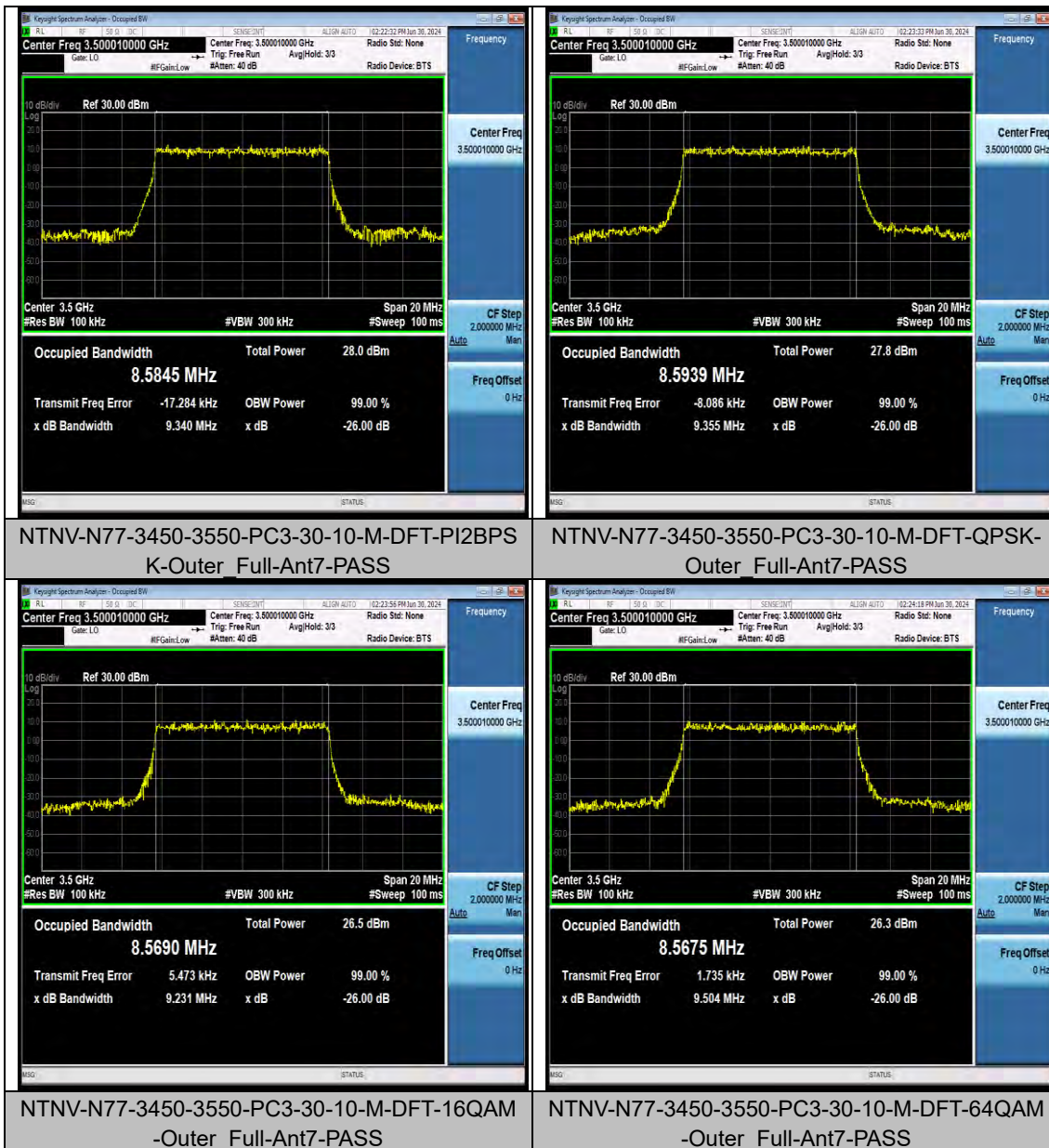


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Reference No.: W7L-P24050018RF11

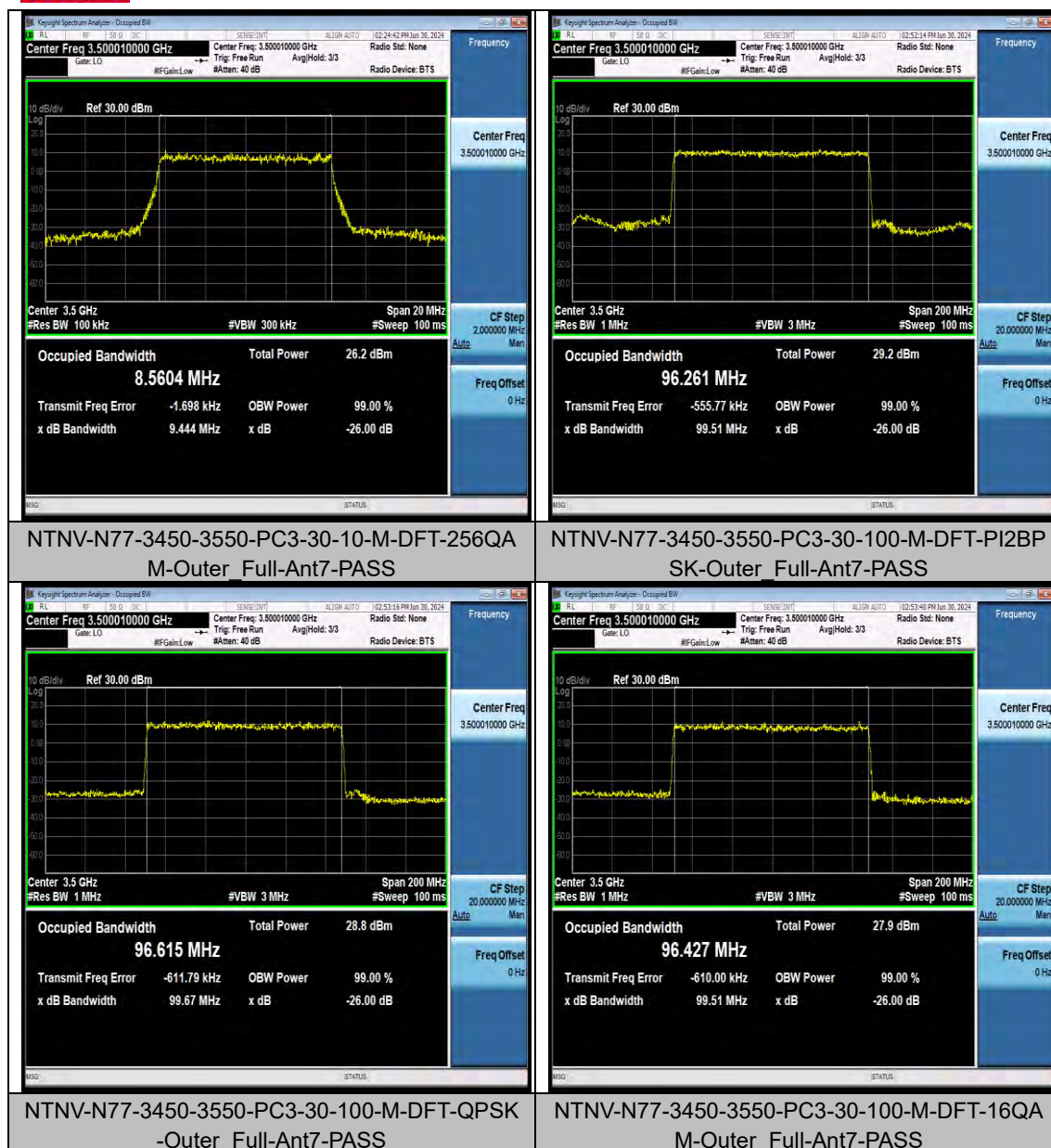
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.767	37.40	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.747	37.40	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.694	47.63	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.649	47.38	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.680	47.44	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.677	47.41	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.683	47.57	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.777	59.93	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.909	59.78	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.742	59.77	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.777	59.92	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.779	59.99	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.195	66.71	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.265	66.80	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.238	66.67	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.214	66.61	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.168	66.70	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.139	79.77	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	77.113	79.83	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	76.917	79.71	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.208	79.65	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	77.072	79.74	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	86.712	89.46	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	86.631	89.58	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	86.877	89.64	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	86.487	89.51	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	86.577	89.53	PASS

TEST GRAPHS





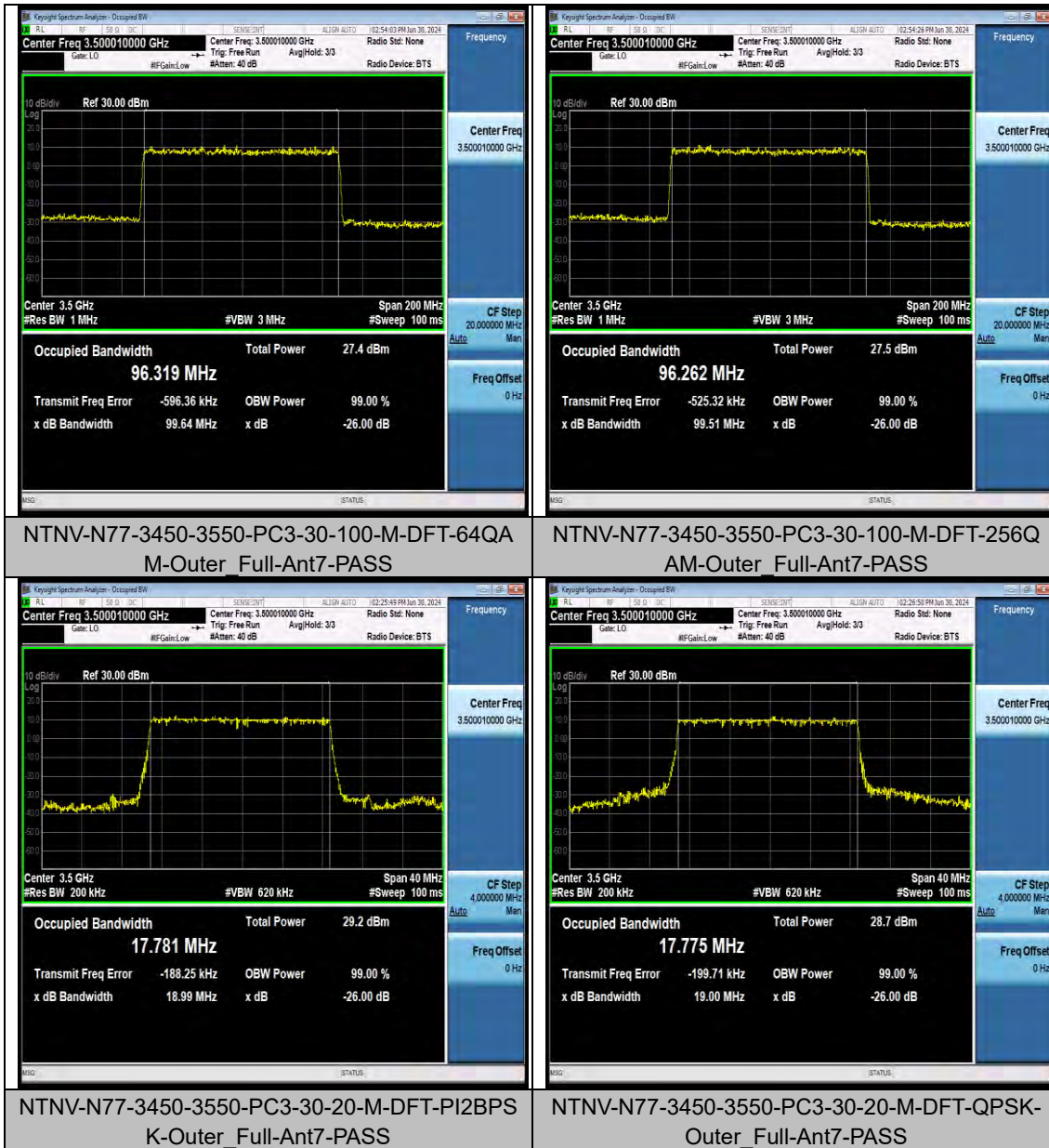
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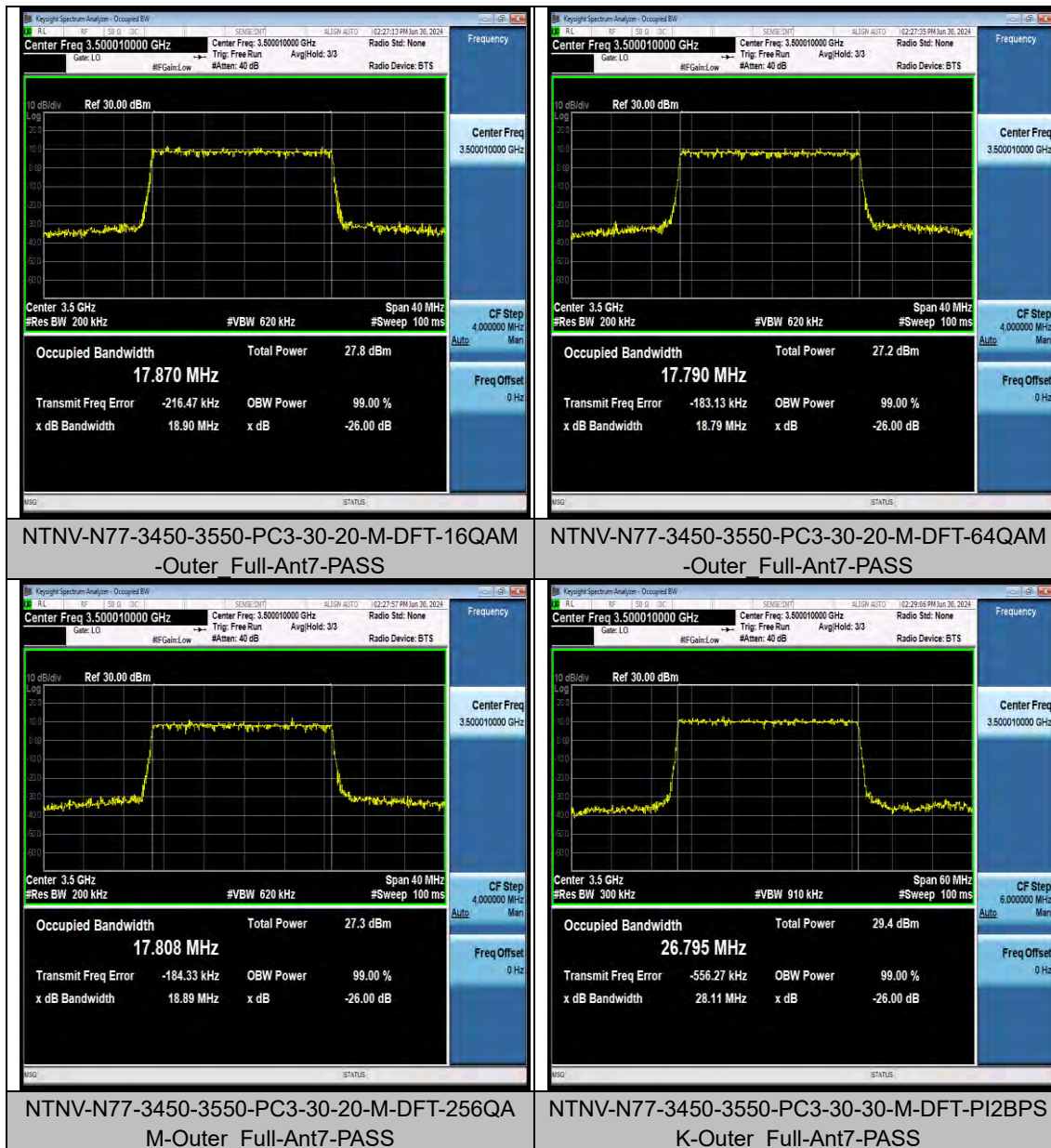
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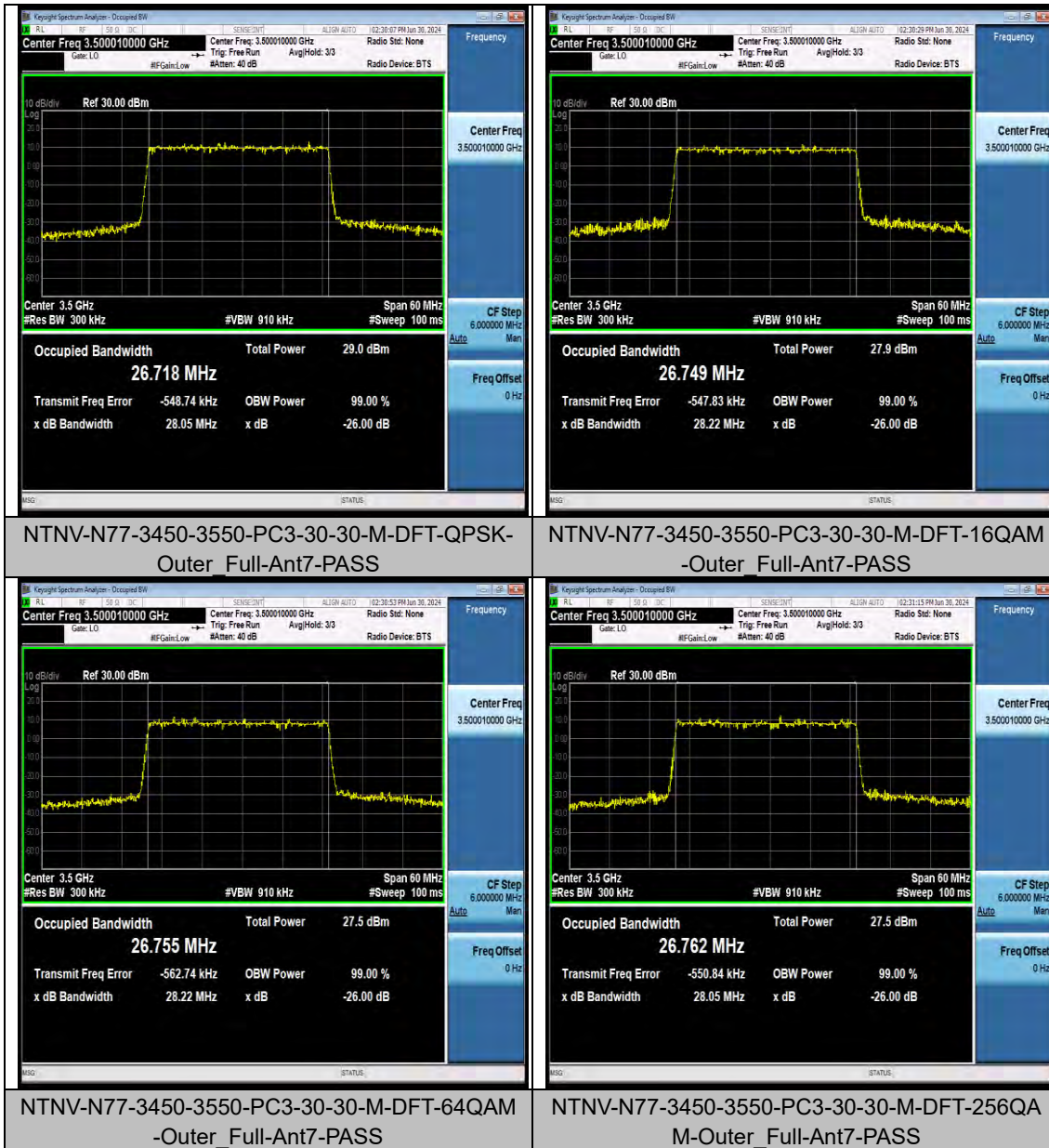
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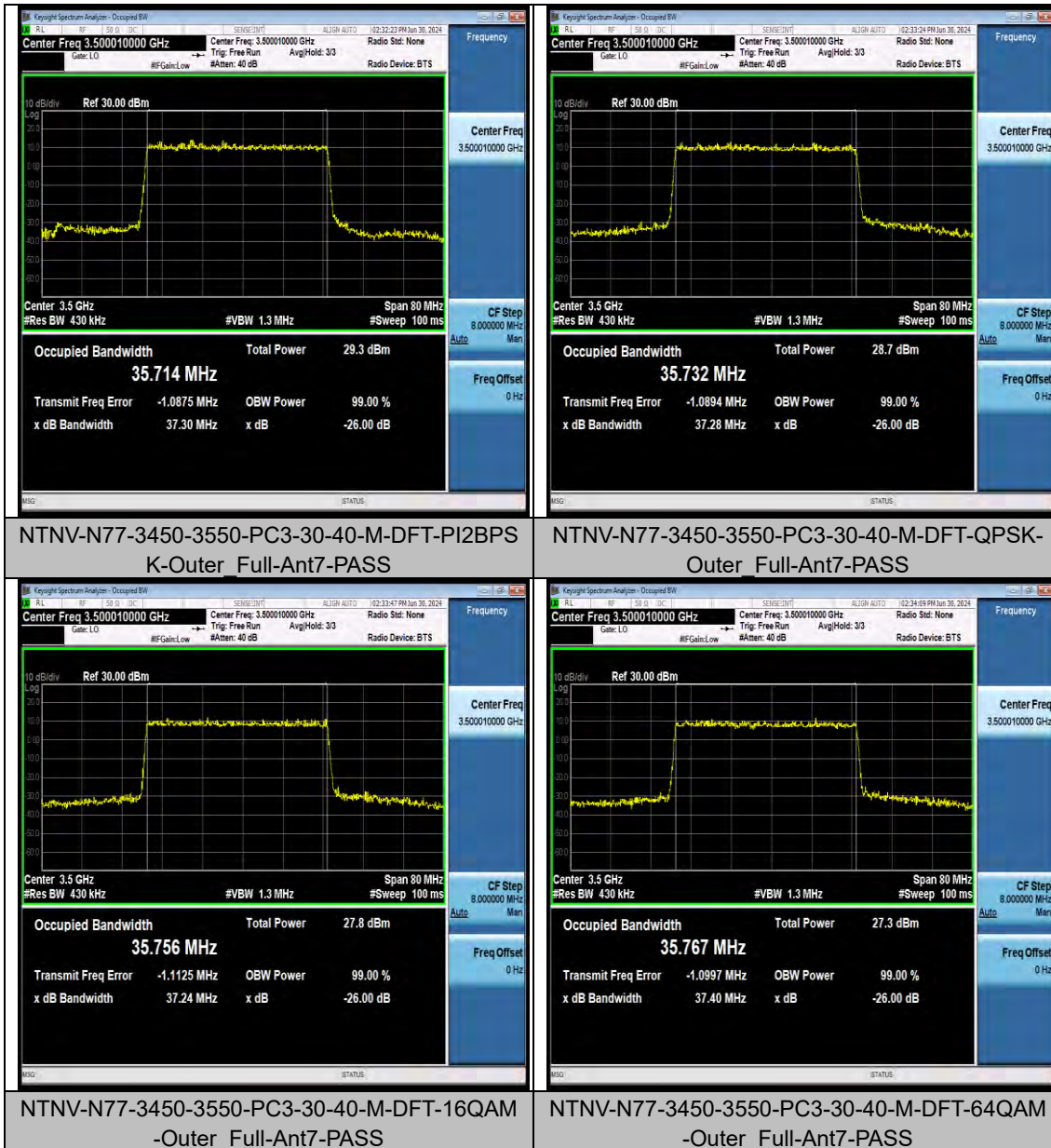
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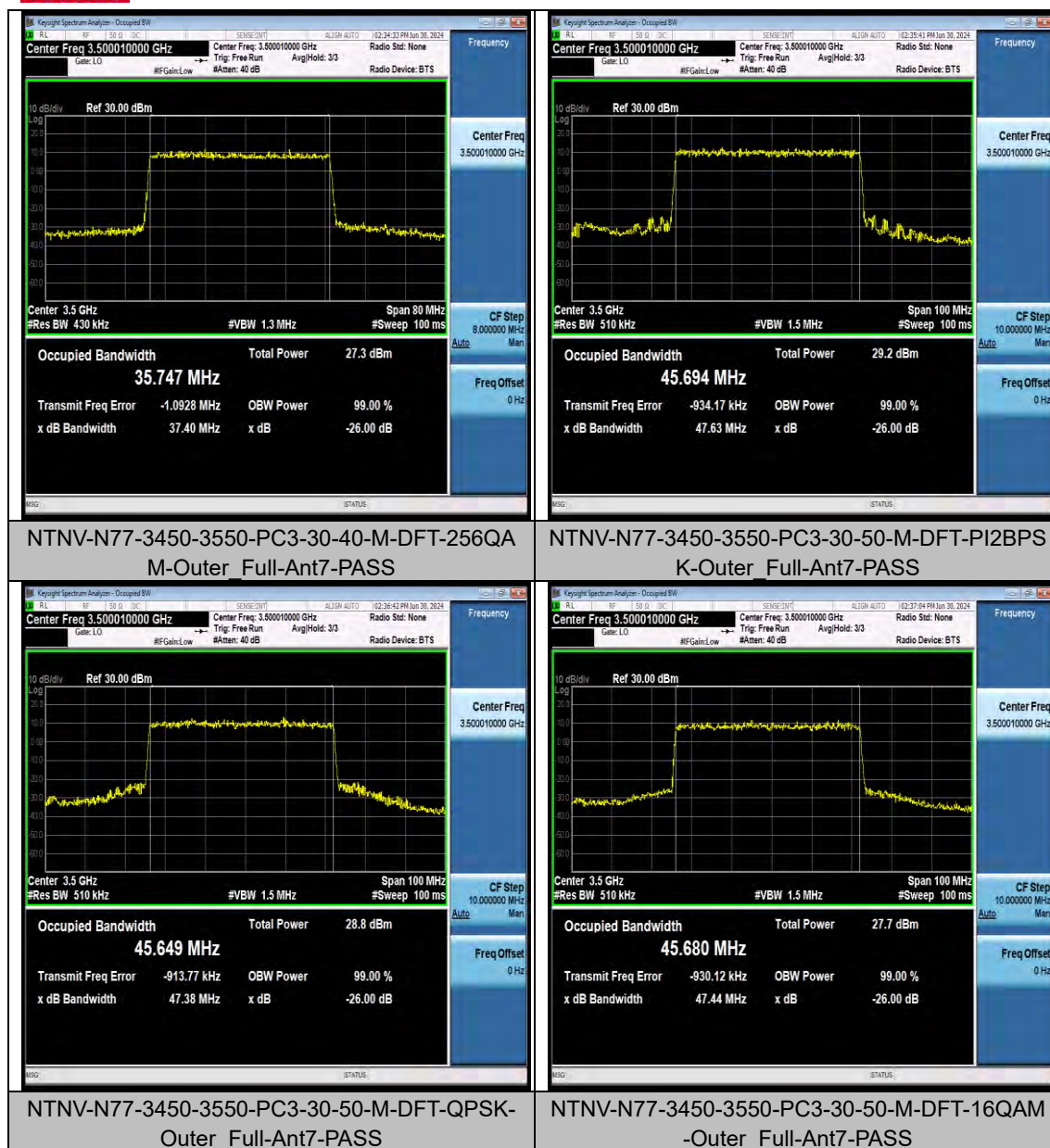
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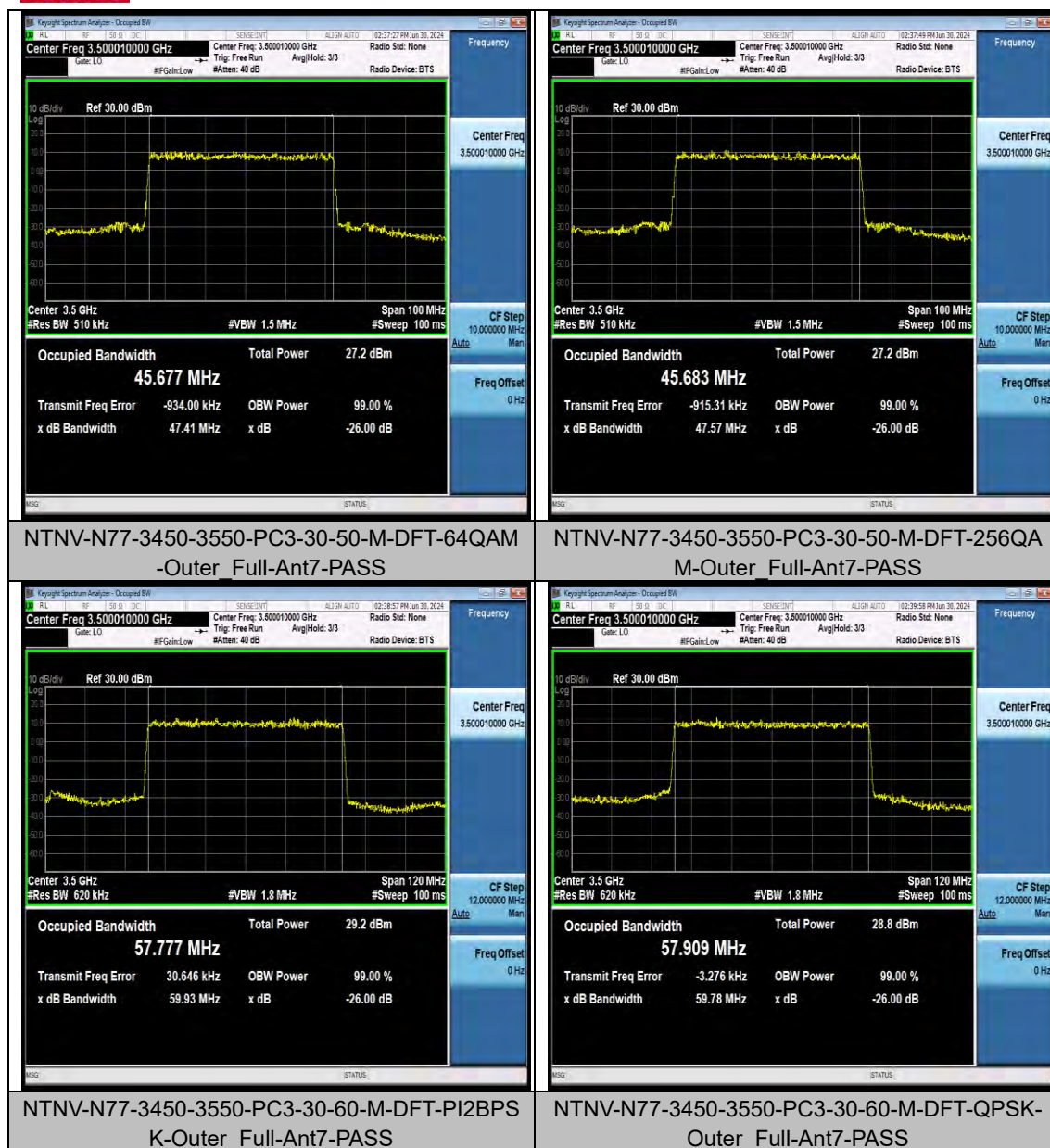


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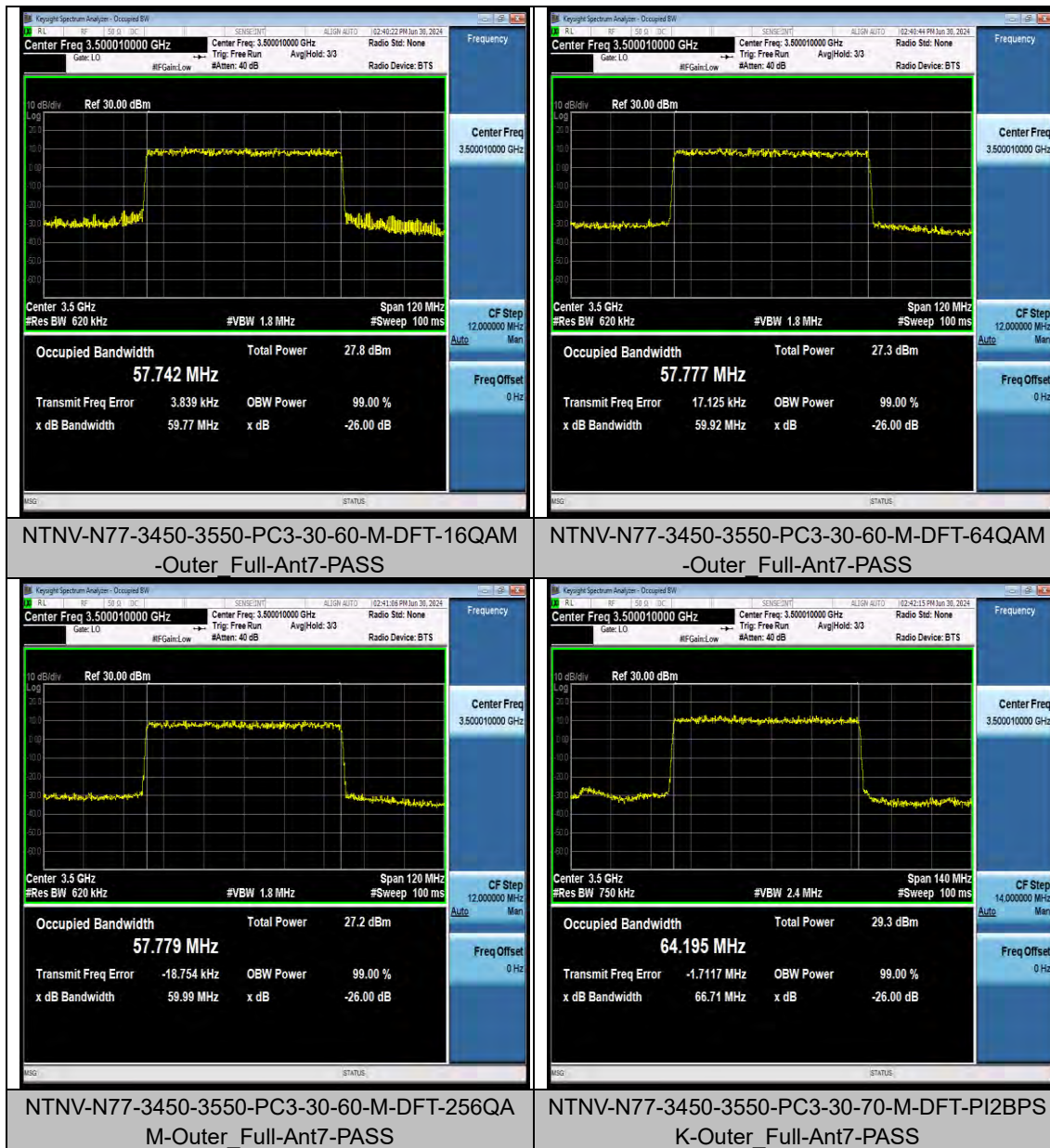
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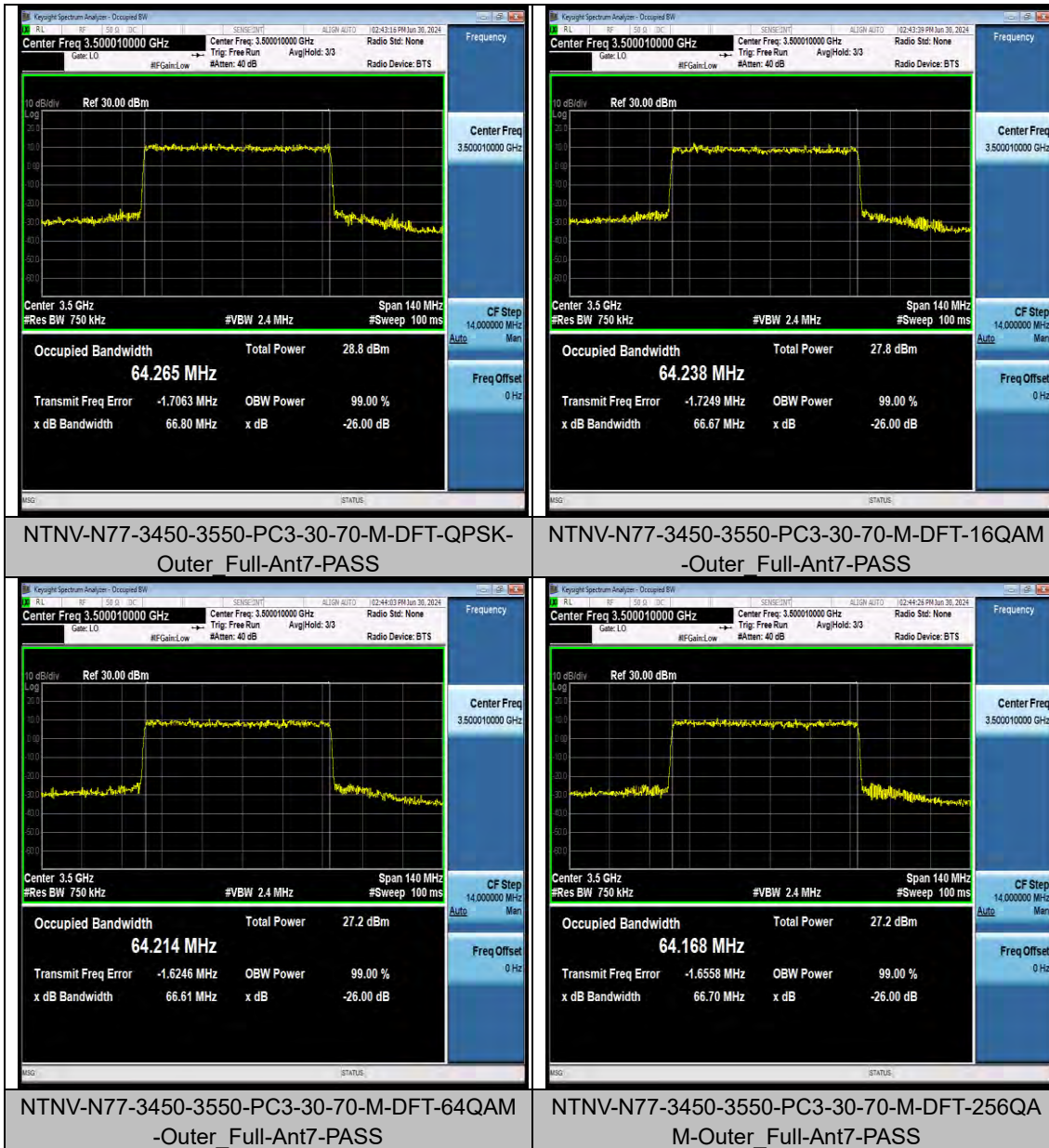
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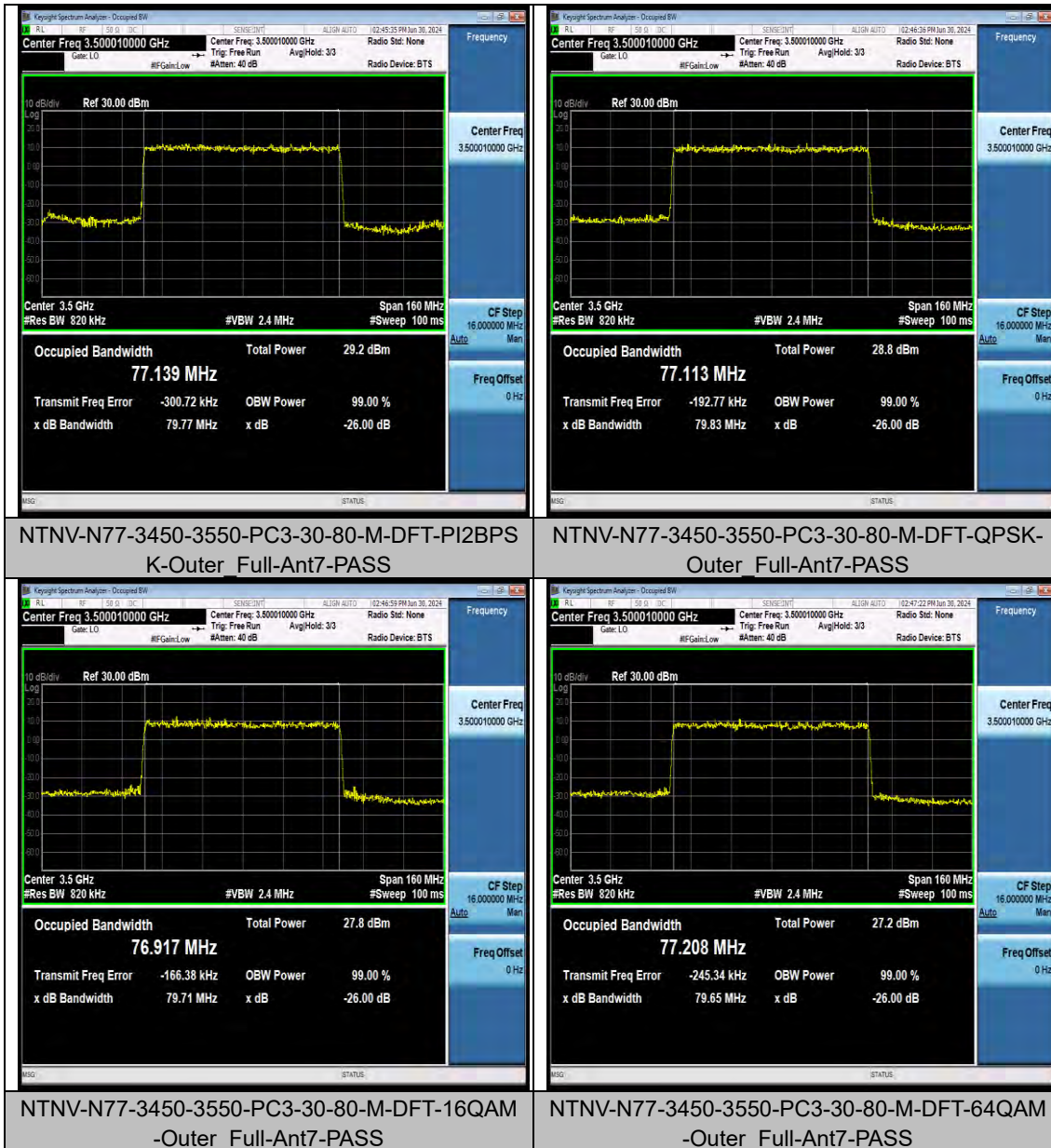
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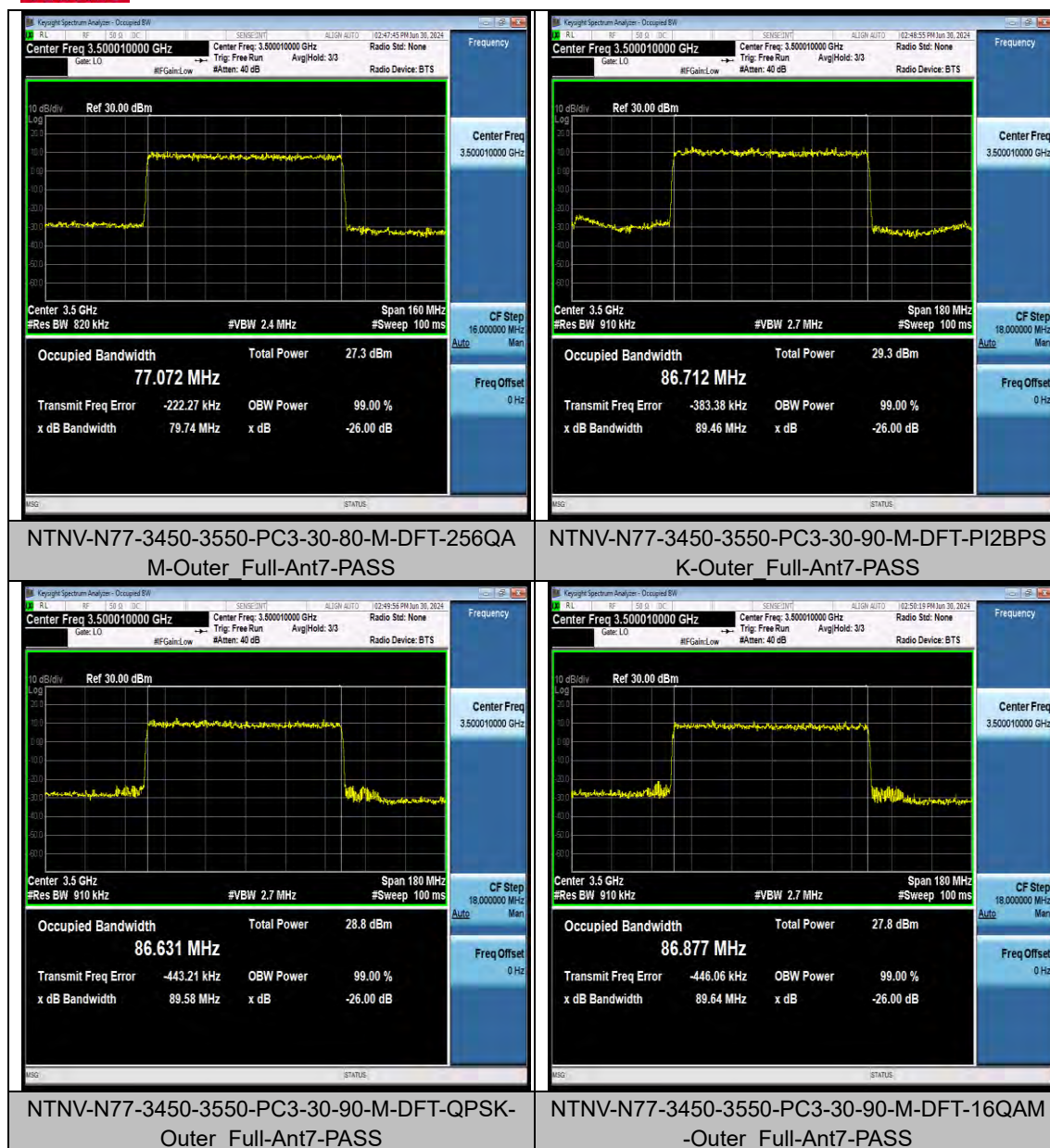
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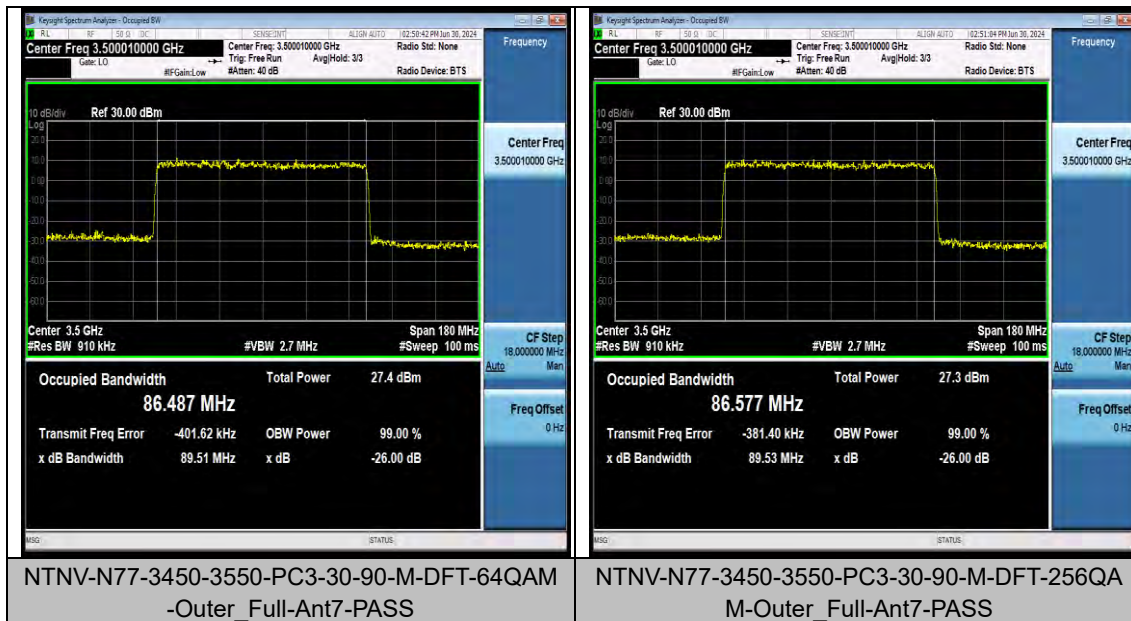
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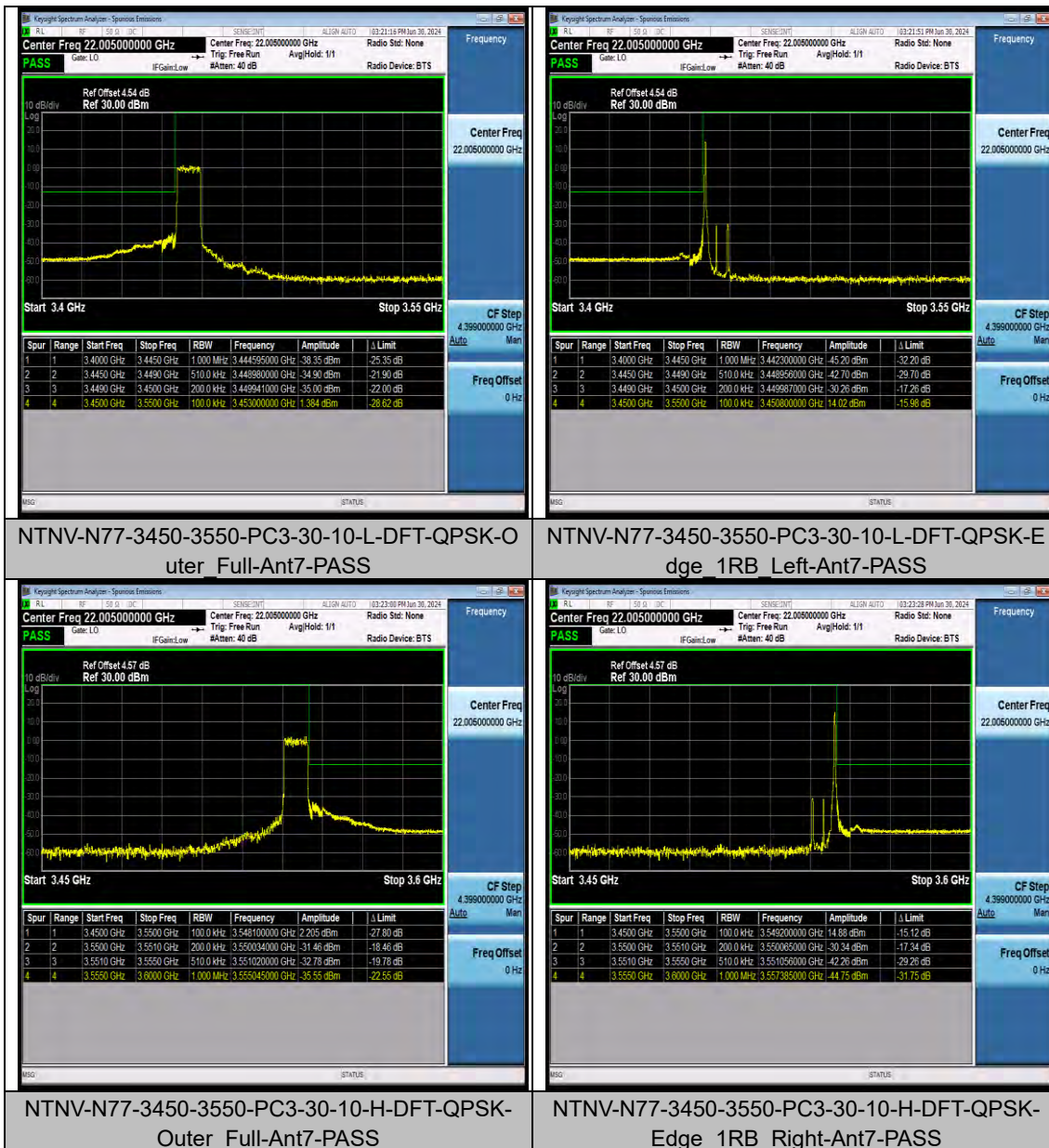
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BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	-34.90	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	-30.26	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	-31.46	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Edge_1RB_Right	-30.34	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	-37.76	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Edge_1RB_Left	-37.24	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	-37.11	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Edge_1RB_Right	-36.33	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	-36.63	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Edge_1RB_Left	-32.03	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Edge_1RB_Right	-31.73	PASS

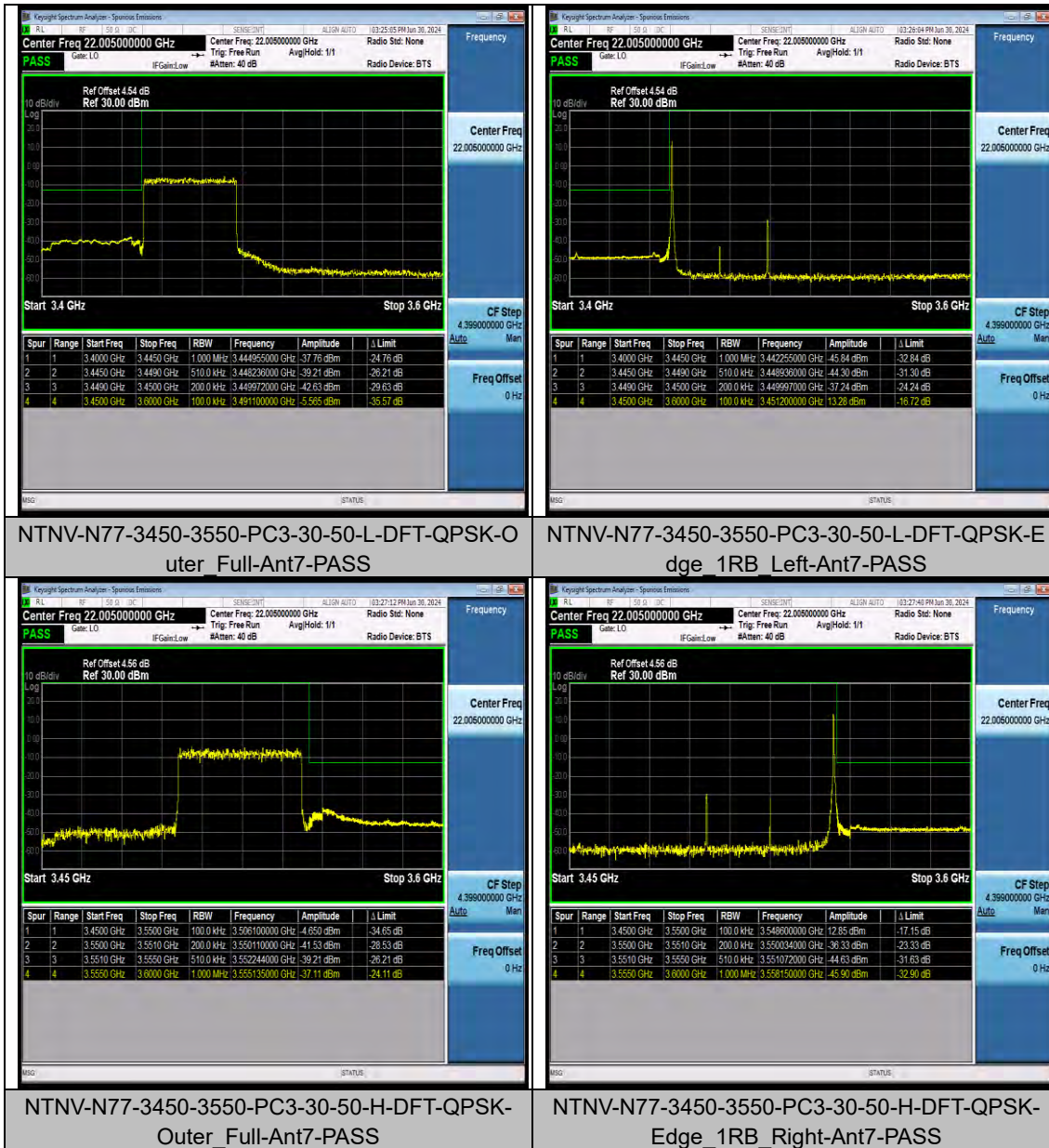
TEST GRAPHS





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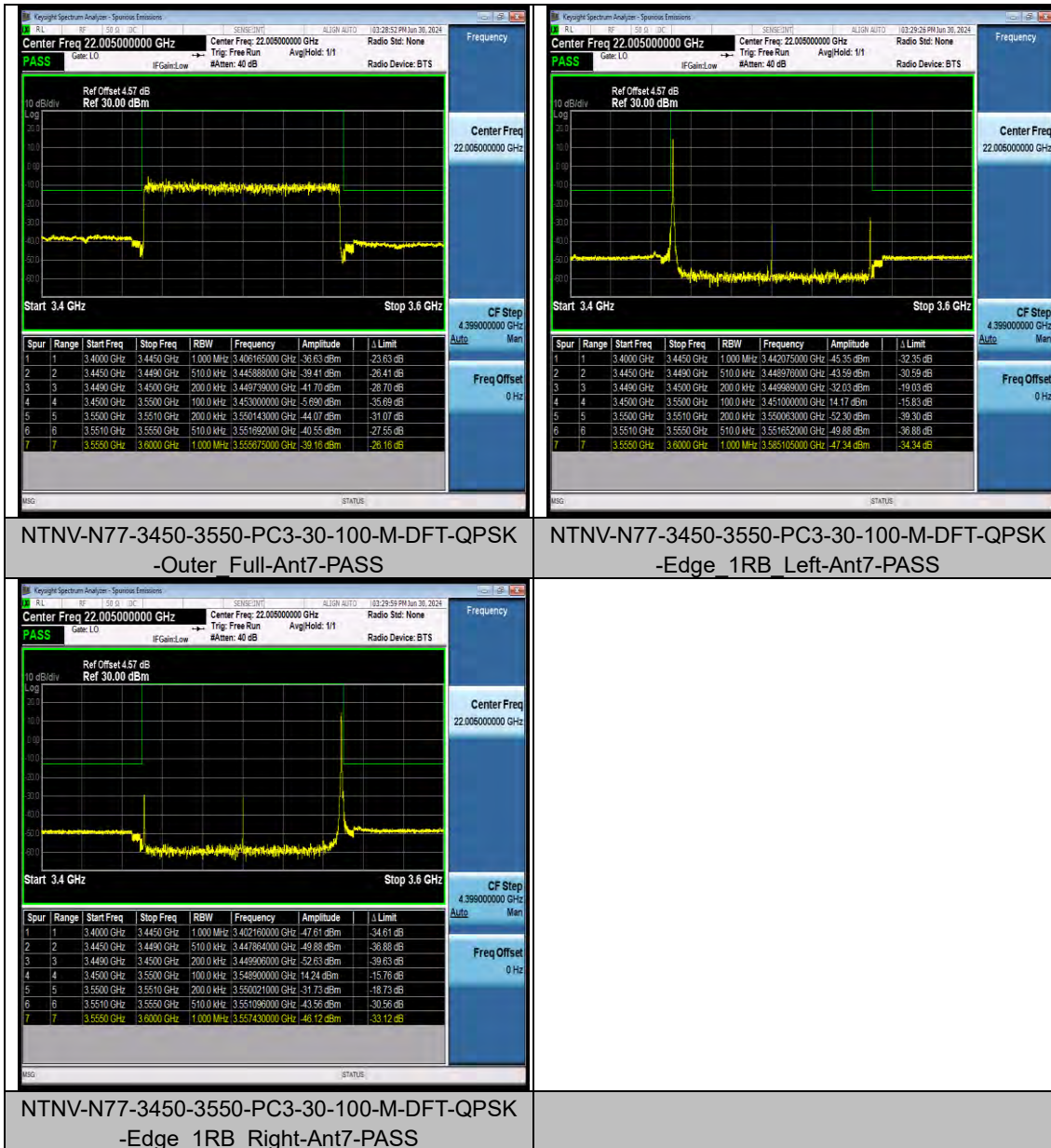
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Reference No.: W7L-P24050018RF11





Reference No.: W7L-P24050018RF11

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	-48.57	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-37.71	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.75	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-45.71	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.61	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.09	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.69	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-45.57	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.63	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-37.87	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-56.58	-13	PASS
N77-3 450-35 50	30	10	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-45.54	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.73	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.10	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.74	-13	PASS

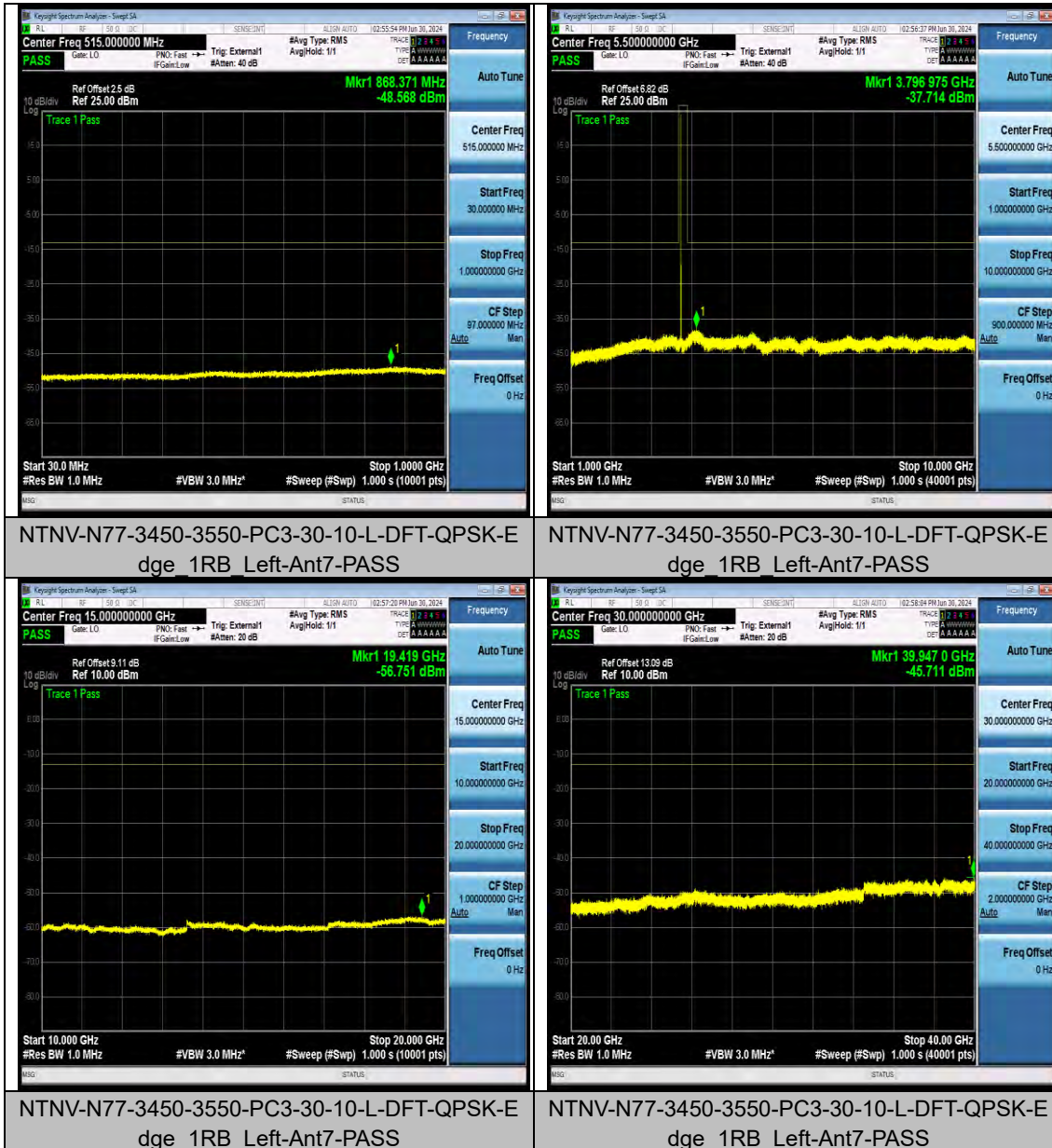


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VERITAS**

Reference No.: W7L-P24050018RF11

N77-3 450-35 50	30	50	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-45.58	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	30	1000	-47.89	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.03	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	10000	20000	-56.37	-13	PASS
N77-3 450-35 50	30	50	DFT-QPSK	H	Edge_1RB_Left	20000	40000	-45.44	-13	PASS
N77-3 450-35 50	30	60	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.12	-13	PASS
N77-3 450-35 50	30	60	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-37.81	-13	PASS
N77-3 450-35 50	30	60	DFT-QPSK	L	Edge_1RB_Left	10000	20000	-56.74	-13	PASS
N77-3 450-35 50	30	60	DFT-QPSK	L	Edge_1RB_Left	20000	40000	-45.53	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.14	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-37.82	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	10000	20000	-56.56	-13	PASS
N77-3 450-35 50	30	100	DFT-QPSK	M	Edge_1RB_Left	20000	40000	-45.69	-13	PASS

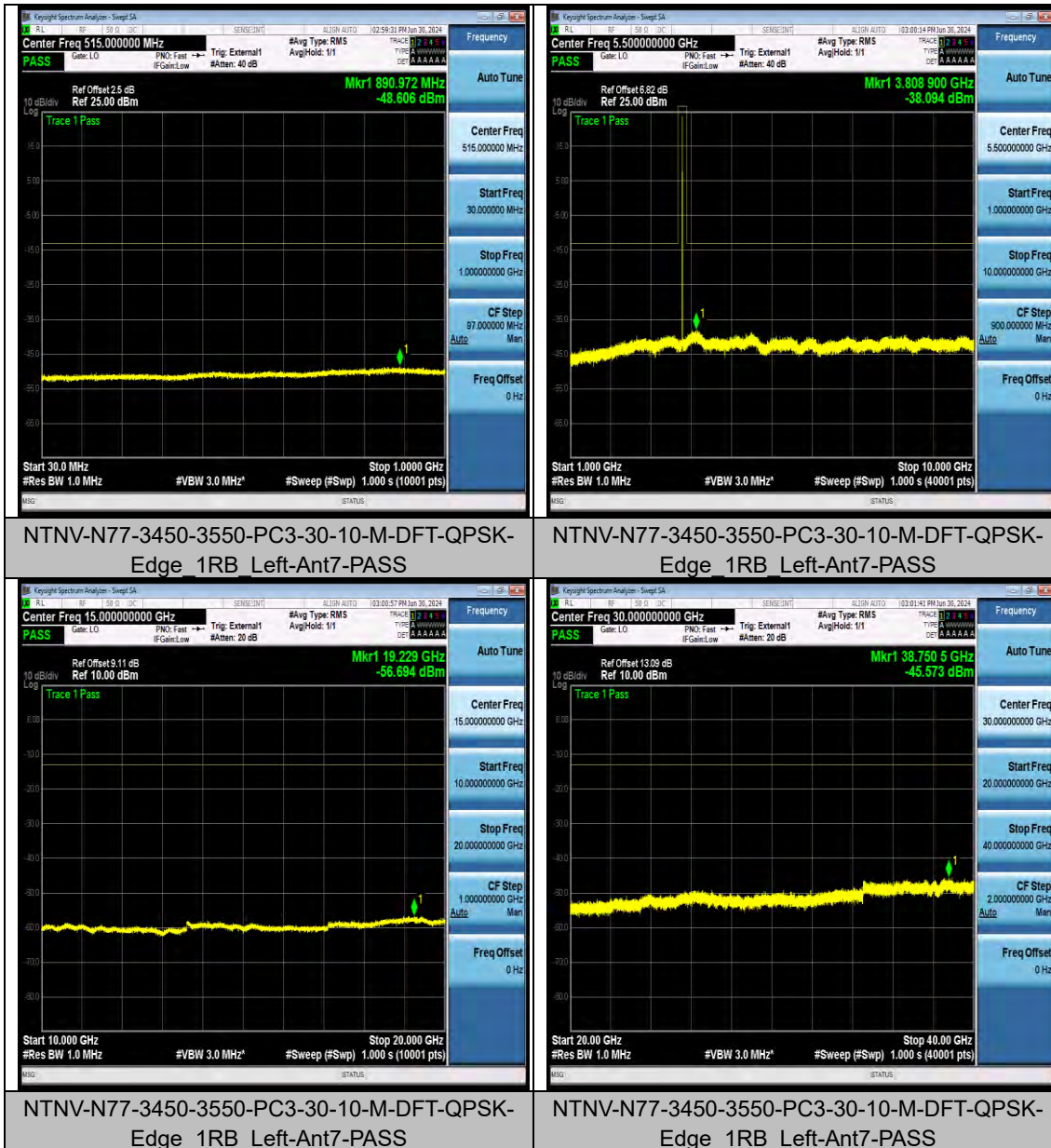
TEST GRAPHS





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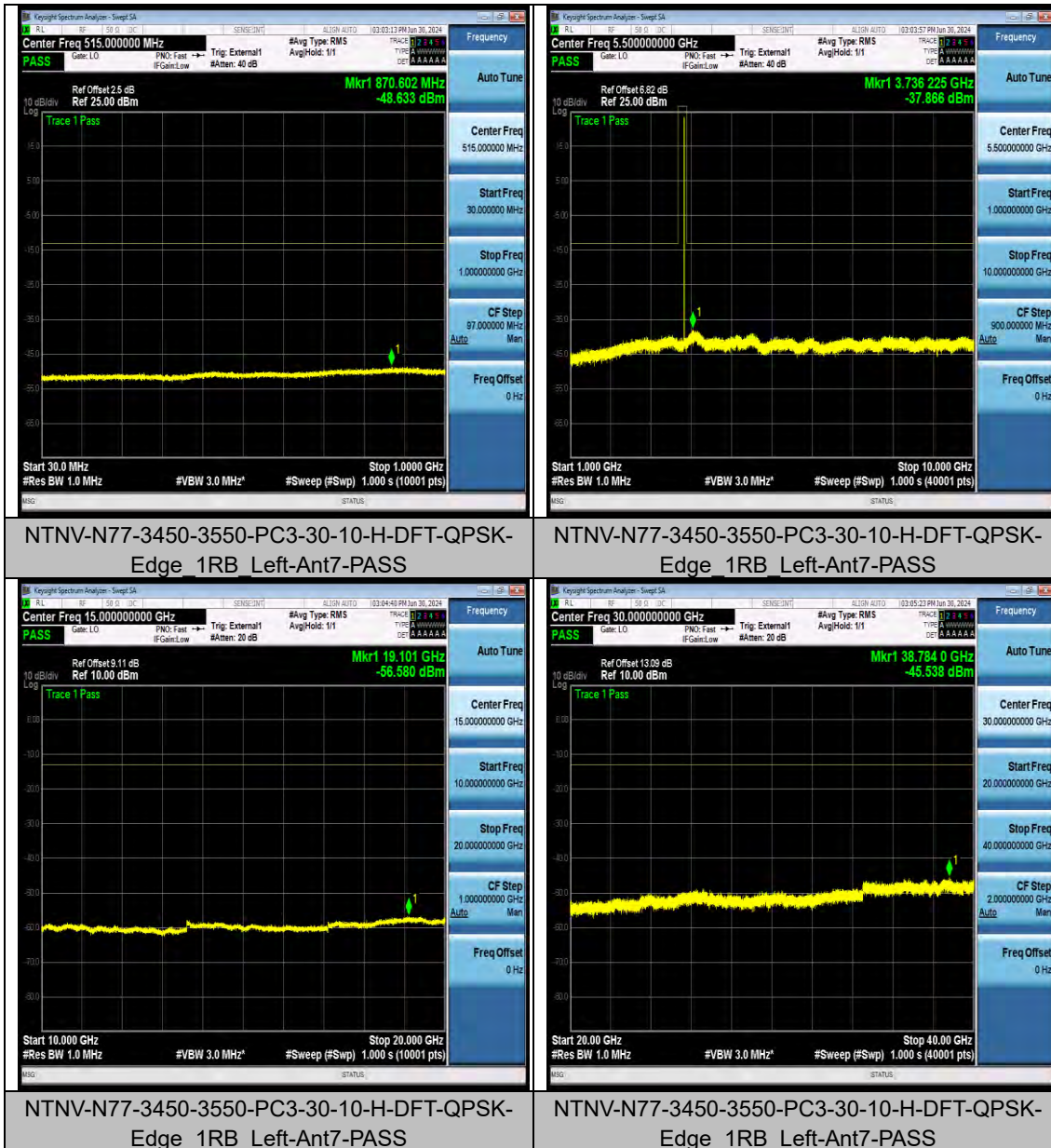
Reference No.: W7L-P24050018RF11





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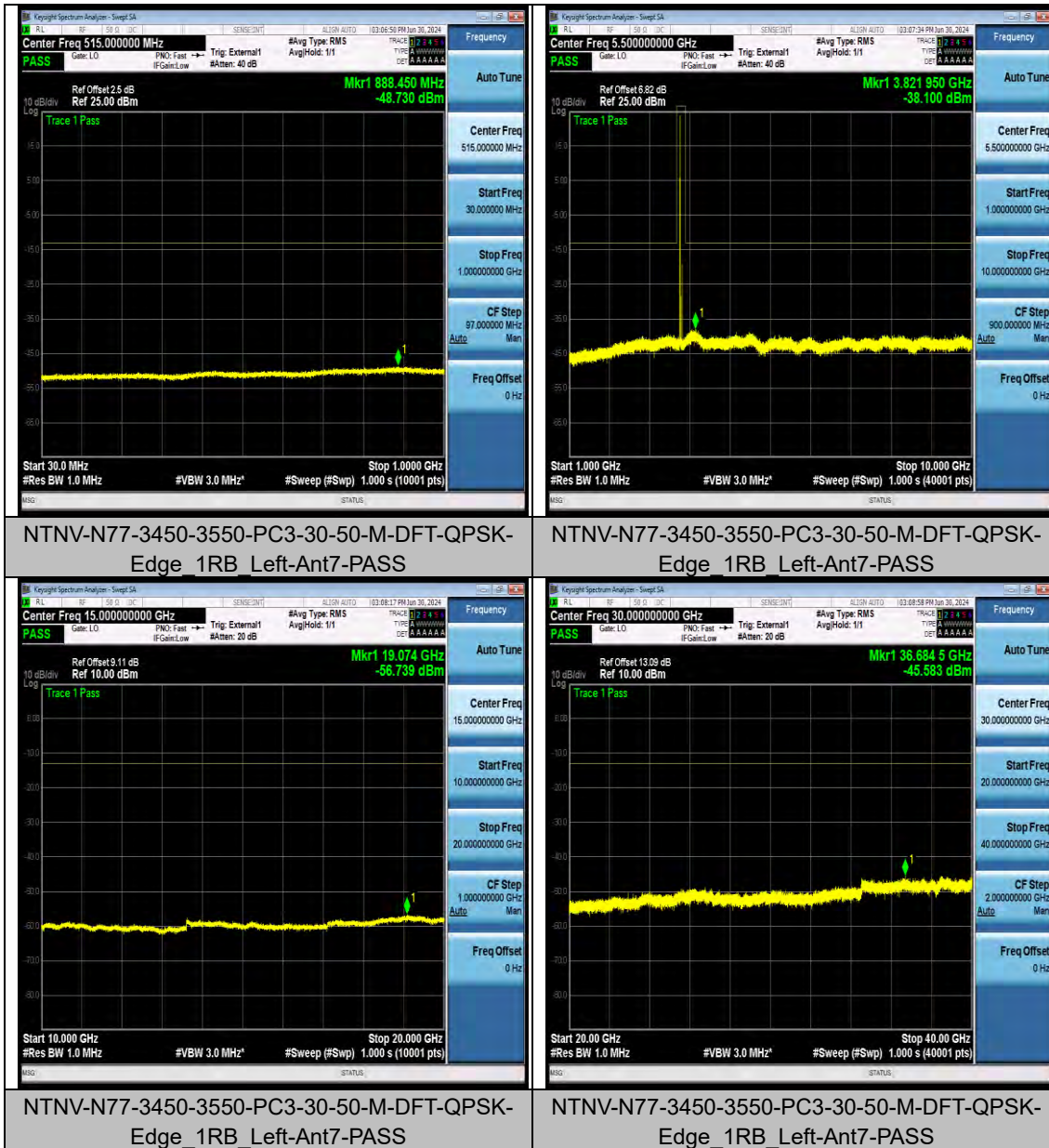
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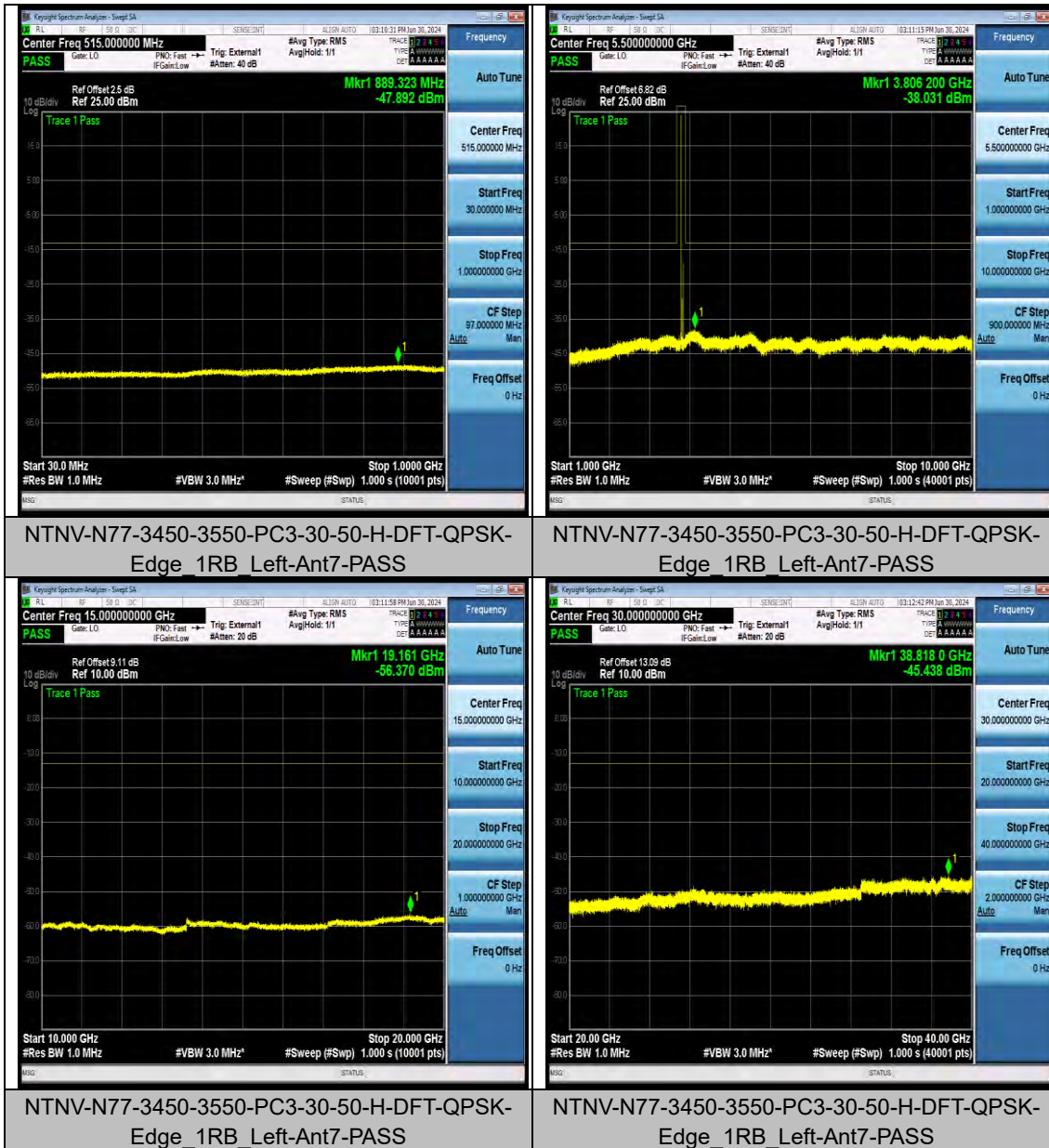
Reference No.: W7L-P24050018RF11





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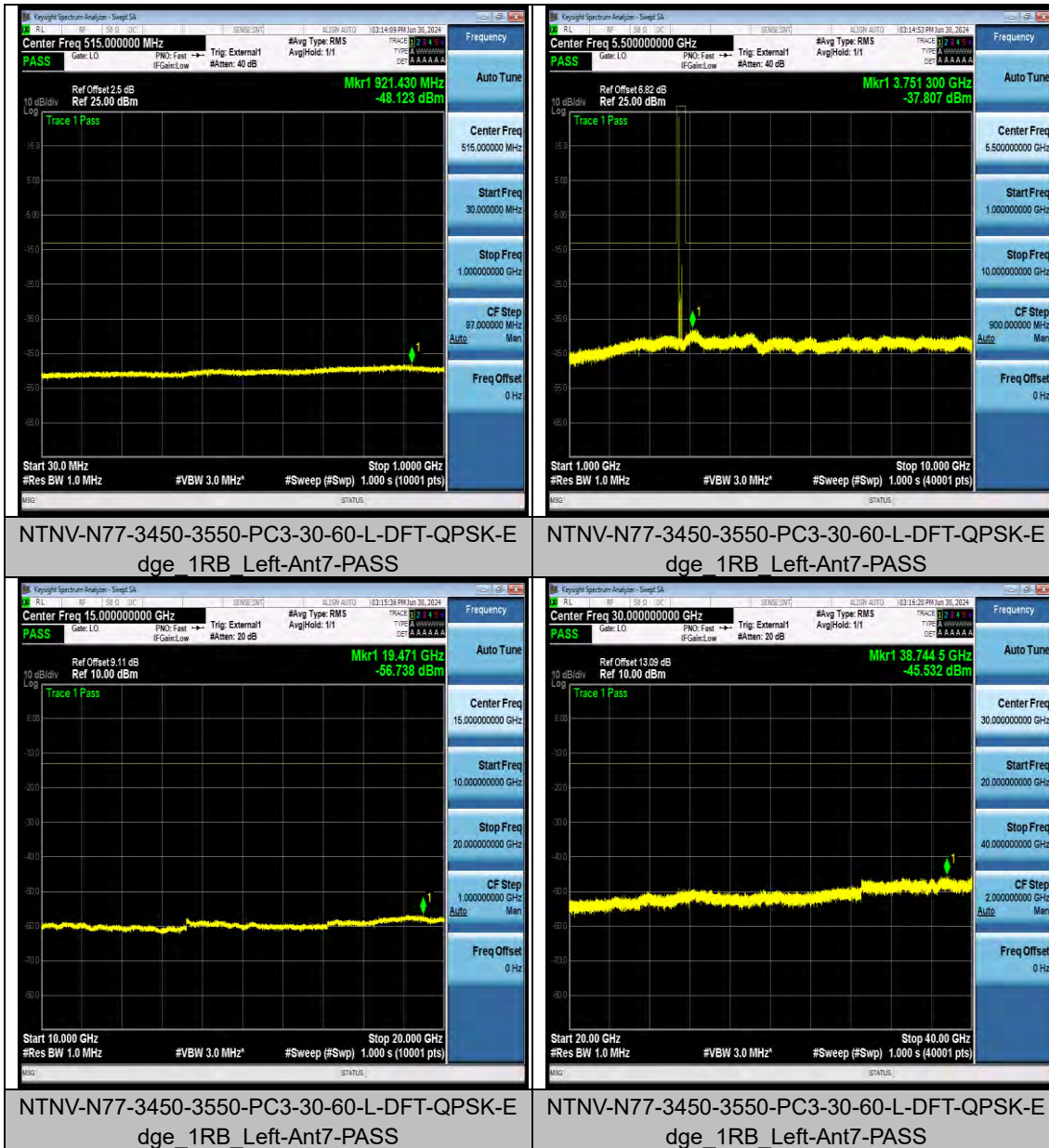
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Reference No.: W7L-P24050018RF11





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Reference No.: W7L-P24050018RF11

