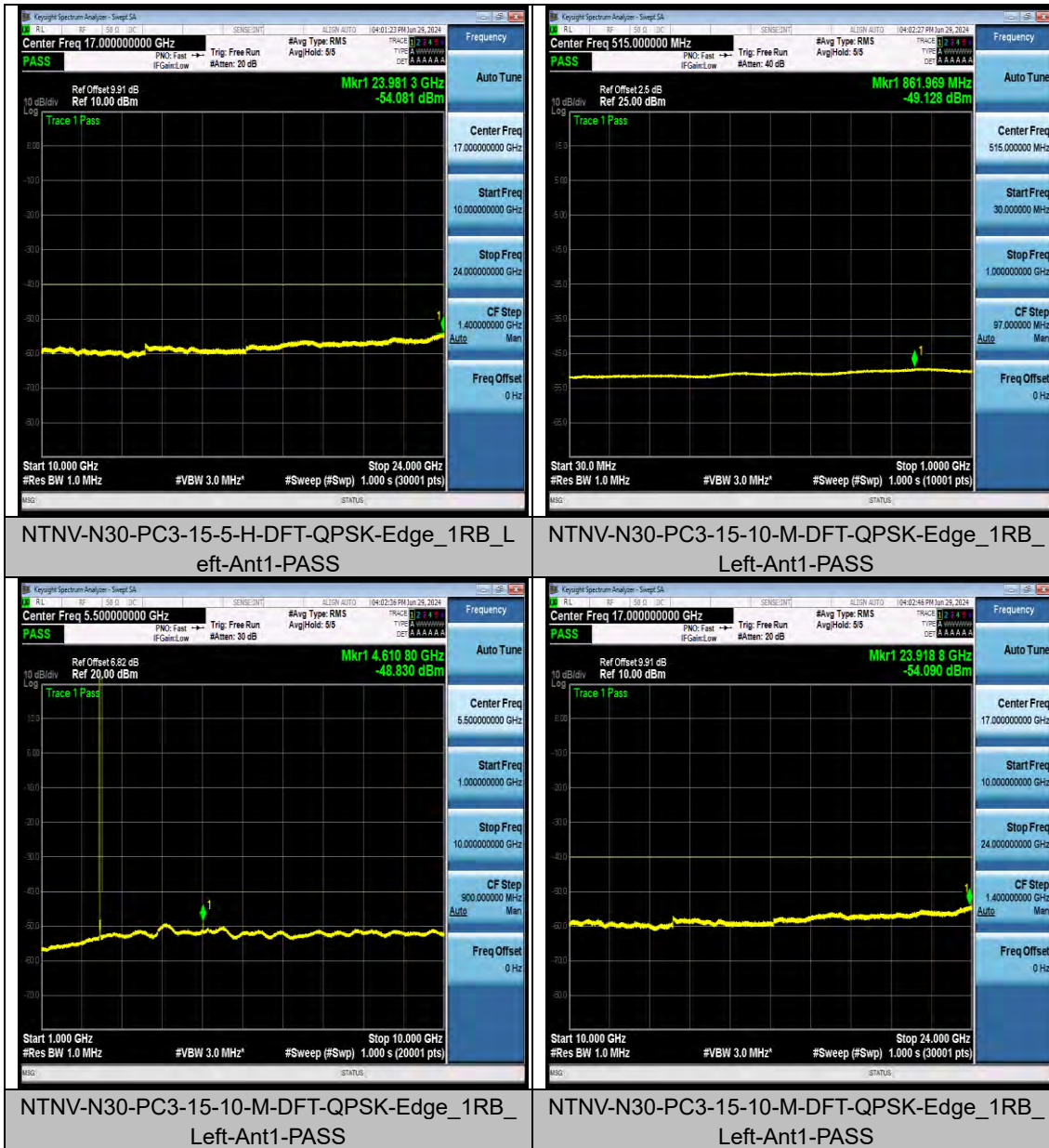




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Reference No.: W7L-P24050018RF11





Reference No.: W7L-P24050018RF11

FREQUENCY STABILITY FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N30	15	5	DFT-QPSK	L	Outer Full	VL	NT	7.000000	0.003034	PASS
N30	15	5	DFT-QPSK	L	Outer Full	VN	NT	2.000000	0.000867	PASS
N30	15	5	DFT-QPSK	L	Outer Full	VH	NT	7.000000	0.003034	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	-30	18.000000	0.007801	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	-20	6.000000	0.002600	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	-10	17.000000	0.007367	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	0	3.000000	0.001300	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	10	13.000000	0.005634	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	20	5.000000	0.002167	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	30	5.000000	0.002167	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	40	3.000000	0.001300	PASS
N30	15	5	DFT-QPSK	L	Outer Full	NV	50	4.000000	0.001733	PASS
N30	15	5	DFT-QPSK	M	Outer Full	VL	NT	10.000000	0.004329	PASS
N30	15	5	DFT-QPSK	M	Outer Full	VN	NT	5.000000	0.002165	PASS
N30	15	5	DFT-QPSK	M	Outer Full	VH	NT	16.000000	0.006926	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	-30	12.000000	0.005195	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	-20	4.000000	0.001732	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	-10	4.000000	0.001732	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	0	15.000000	0.006494	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	10	13.000000	0.005628	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	20	1.000000	0.000433	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	30	12.000000	0.005195	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	40	3.000000	0.001299	PASS
N30	15	5	DFT-QPSK	M	Outer Full	NV	50	10.000000	0.004329	PASS
N30	15	5	DFT-QPSK	H	Outer Full	VL	NT	15.000000	0.006486	PASS
N30	15	5	DFT-QPSK	H	Outer Full	VN	NT	17.000000	0.007351	PASS
N30	15	5	DFT-QPSK	H	Outer Full	VH	NT	3.000000	0.001297	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	-30	14.000000	0.006054	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	-20	5.000000	0.002162	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	-10	16.000000	0.006919	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	0	7.000000	0.003027	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	10	9.000000	0.003892	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	20	1.000000	0.000432	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	30	11.000000	0.004757	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	40	19.000000	0.008216	PASS
N30	15	5	DFT-QPSK	H	Outer Full	NV	50	17.000000	0.007351	PASS



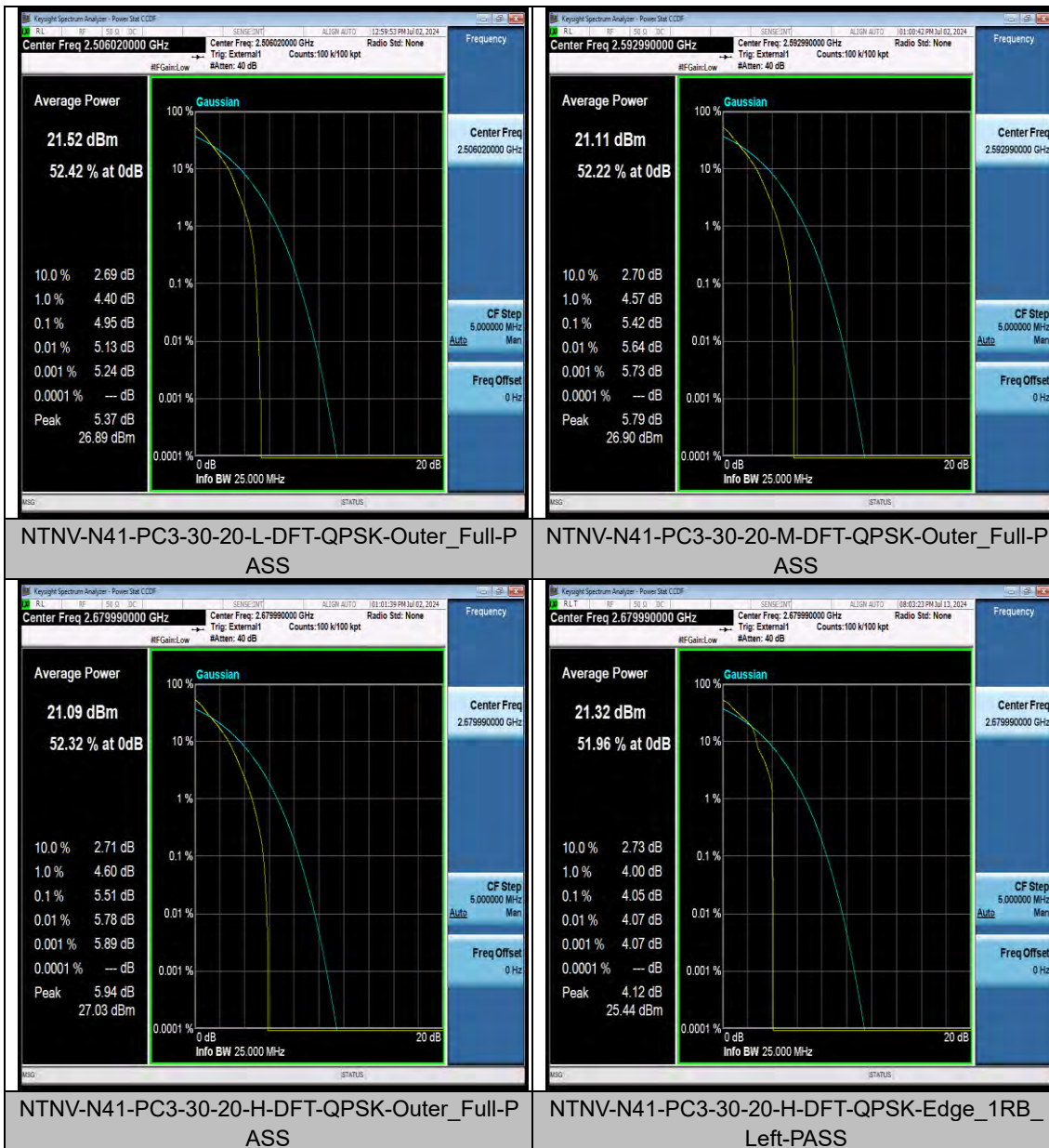
Reference No.: W7L-P24050018RF11

N41(INCLUDING N38) PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	4.95	≤ 13	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	5.42	≤ 13	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	5.51	≤ 13	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Left	4.05	≤ 13	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	3.93	≤ 13	PASS
N41	30	20	DFT-QPSK	M	Edge_1RB_Left	4.53	≤ 13	PASS

TEST GRAPHS





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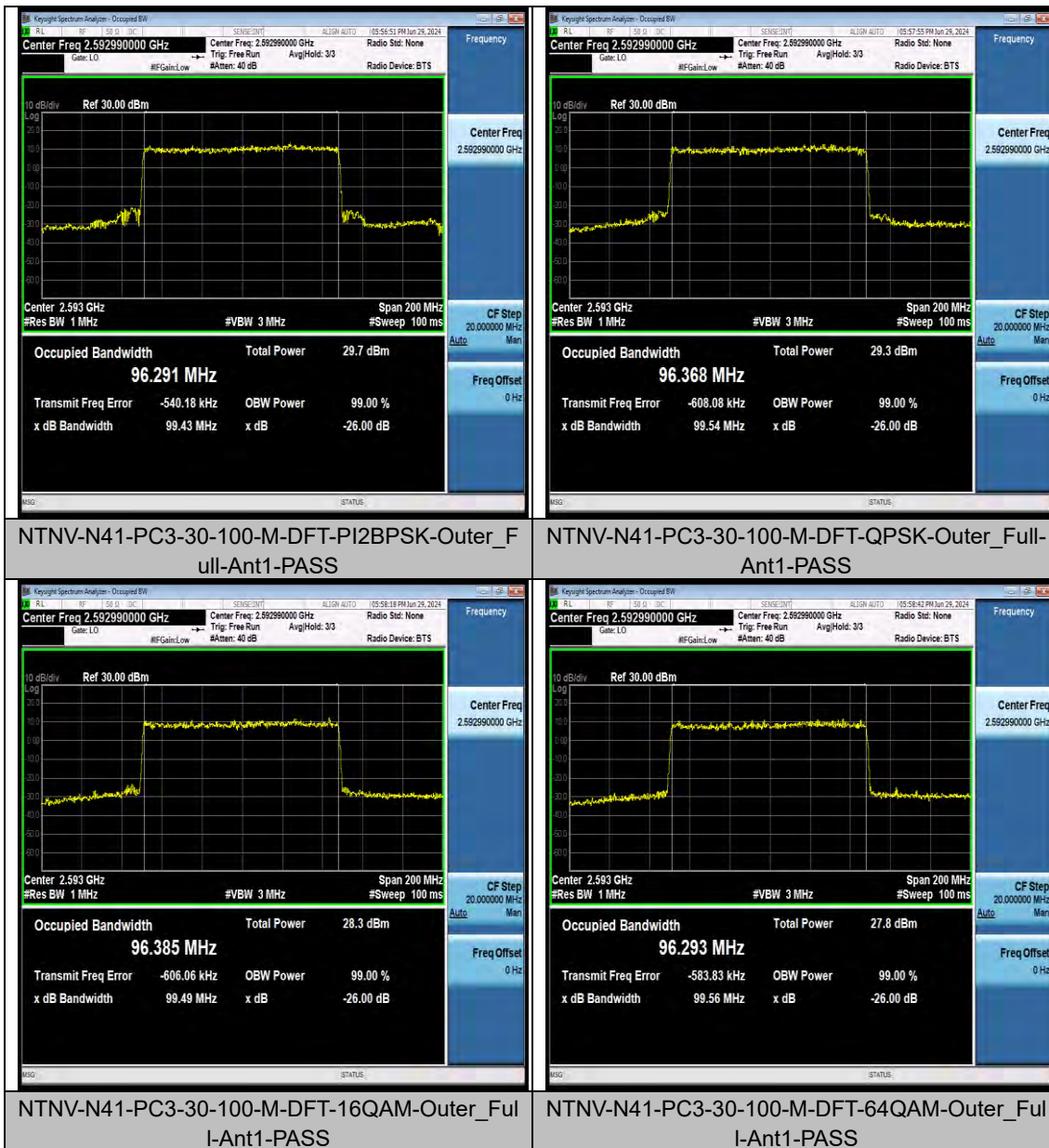
Reference No.: W7L-P24050018RF11



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.291	99.43	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.368	99.54	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.385	99.49	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.293	99.56	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.217	99.51	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.795	19.17	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.796	18.74	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.882	19.03	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.786	18.94	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.801	18.86	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.765	28.24	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.712	28.05	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.741	28.20	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.748	28.25	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.769	28.18	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.660	37.18	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.730	37.44	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.758	37.26	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.776	37.29	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.748	37.34	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.711	47.46	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.653	47.32	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.686	47.37	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.680	47.44	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.690	47.49	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.754	59.94	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.876	59.85	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.712	59.93	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.738	59.94	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.768	59.94	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.092	79.87	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.040	79.57	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.845	79.62	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.117	79.78	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.016	79.73	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	86.614	89.55	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	86.595	89.58	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	86.851	89.63	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	86.451	89.44	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	86.529	89.52	PASS

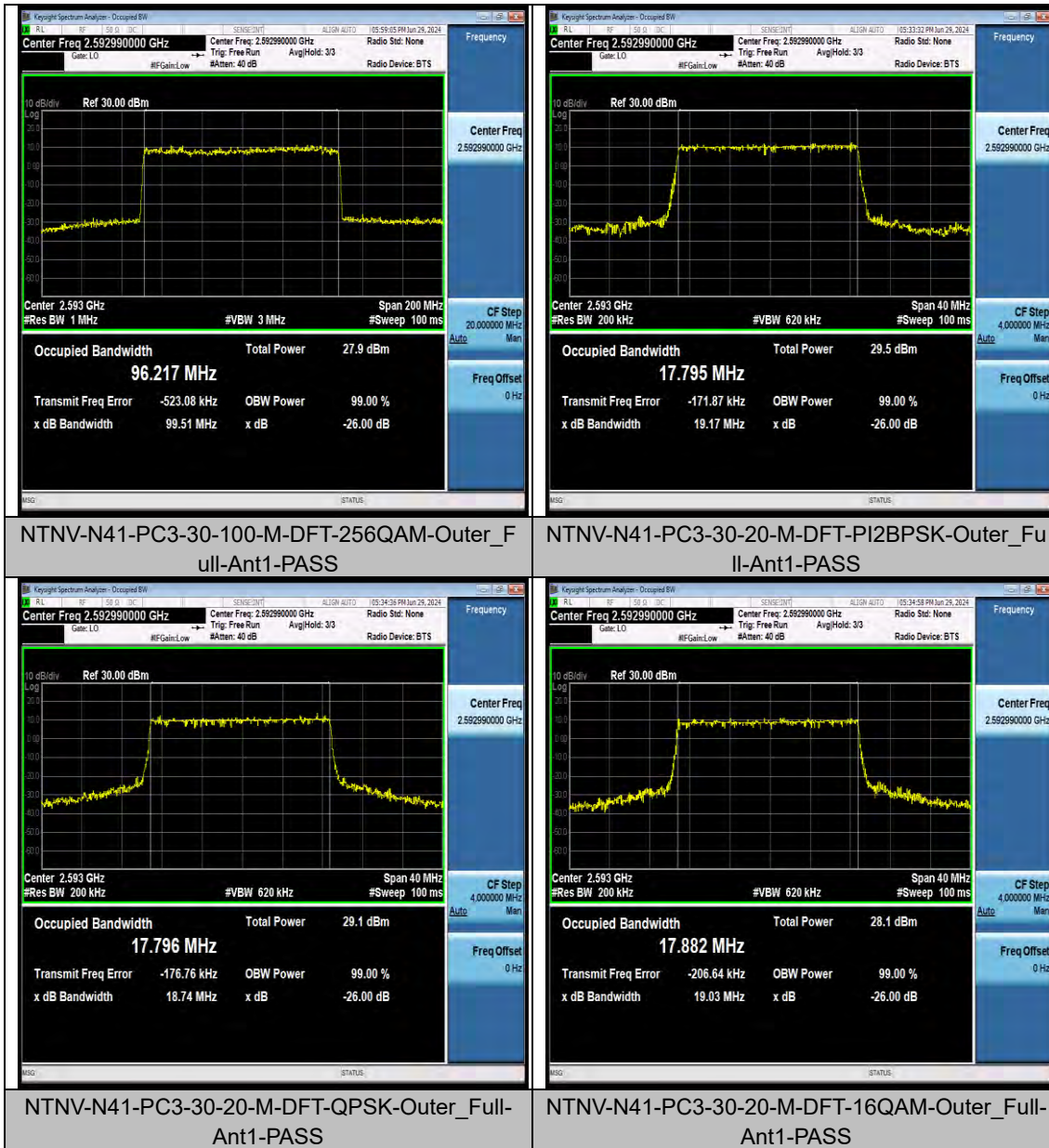
TEST GRAPHS





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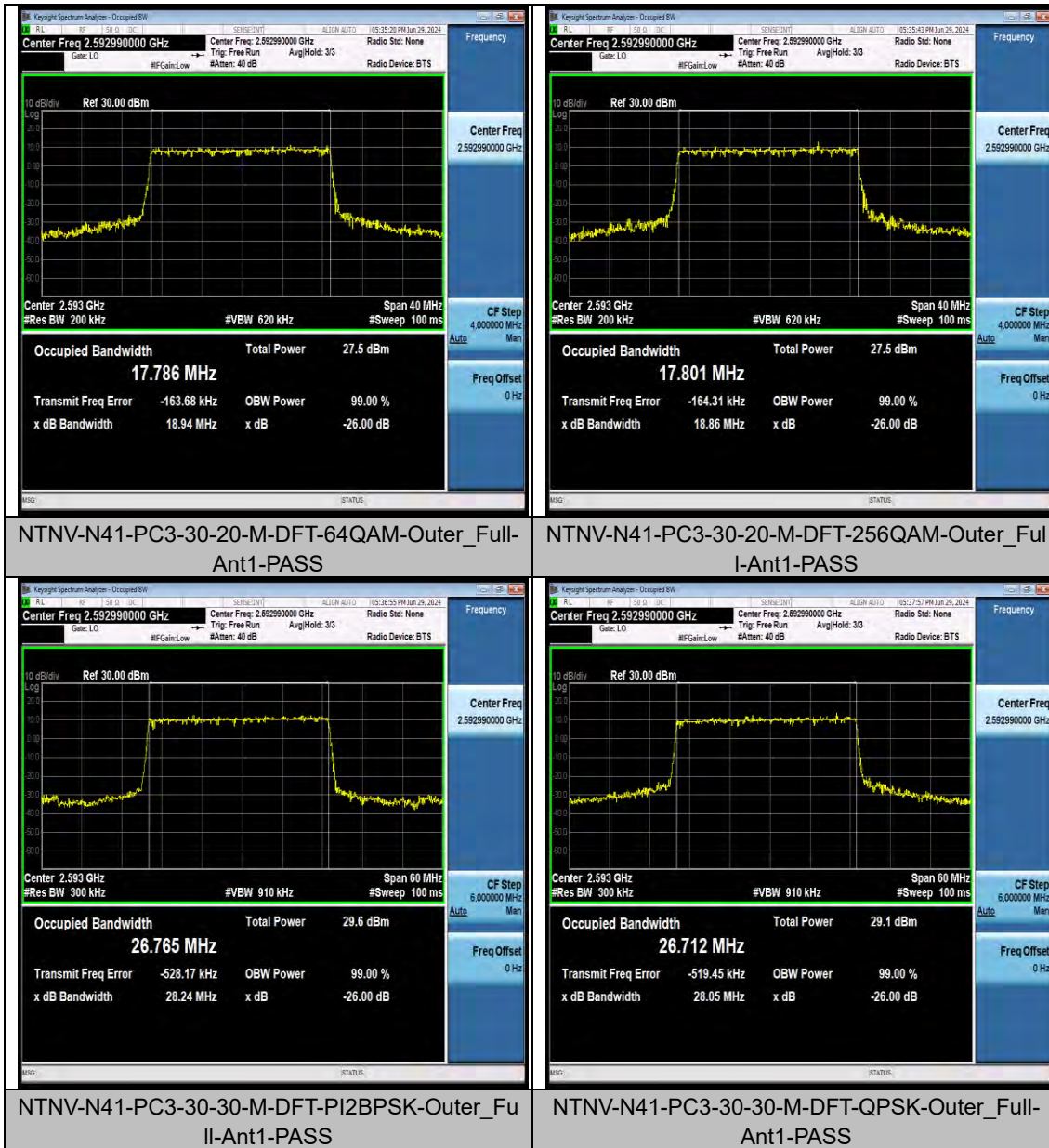
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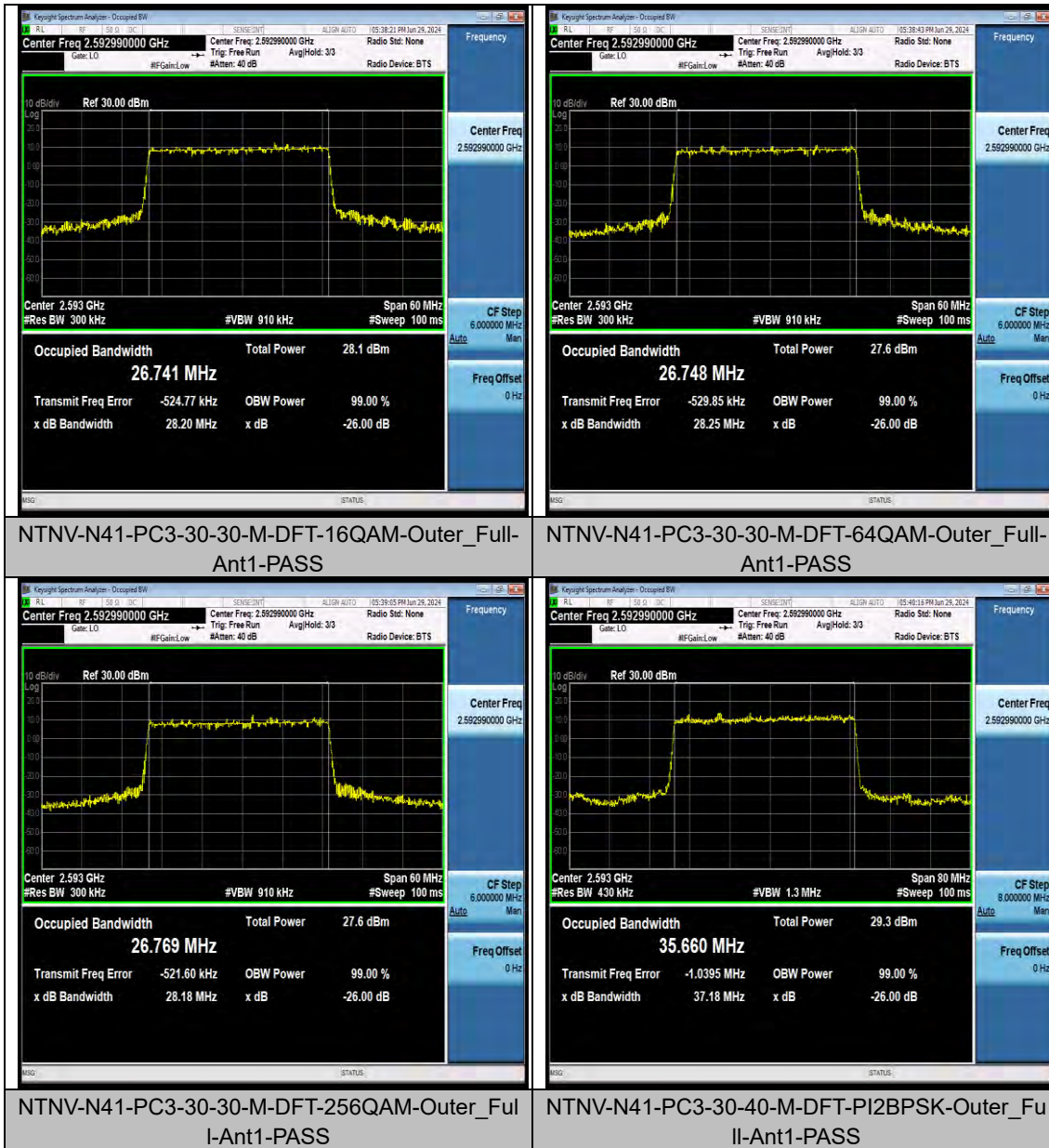
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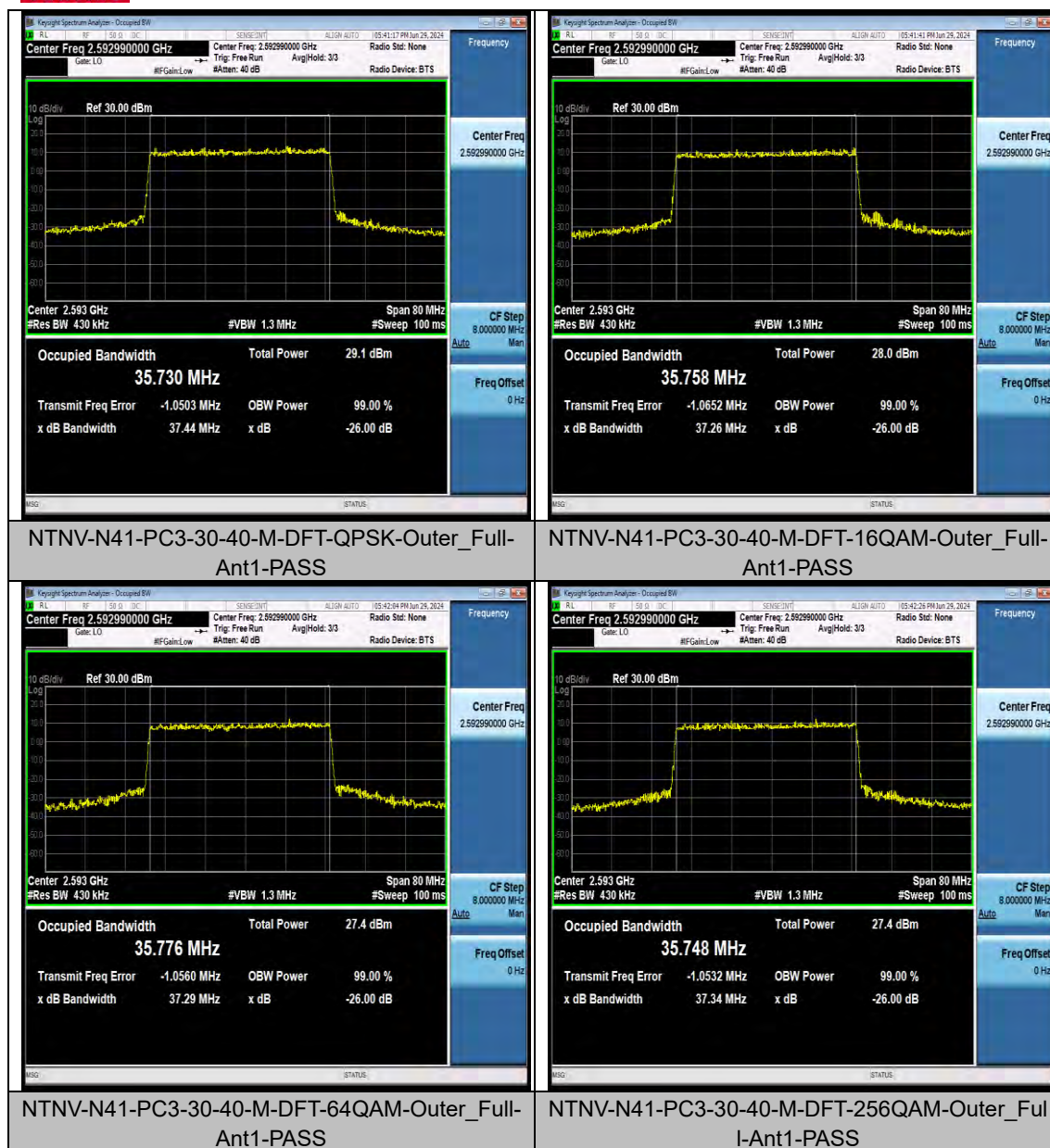
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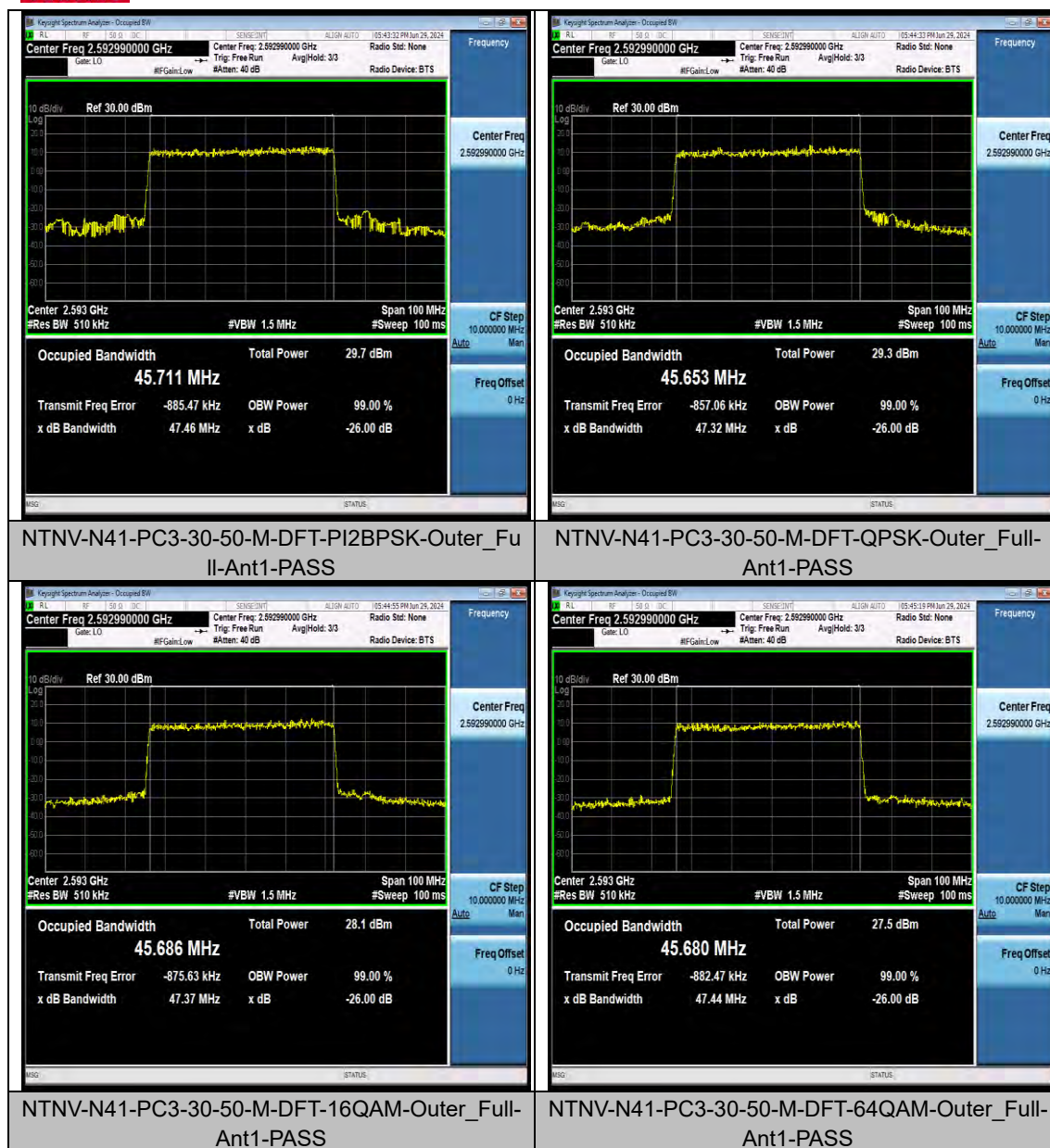


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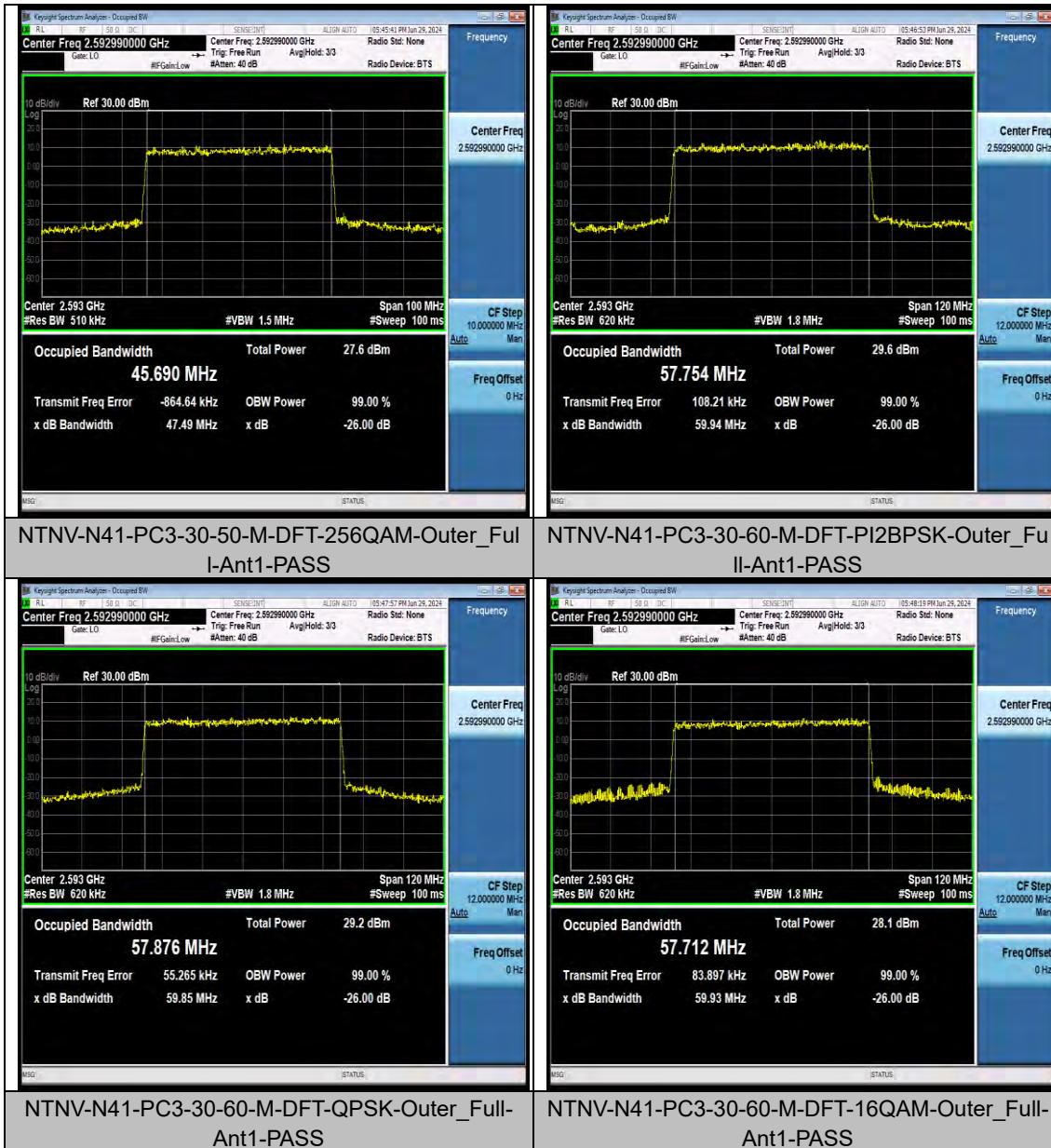
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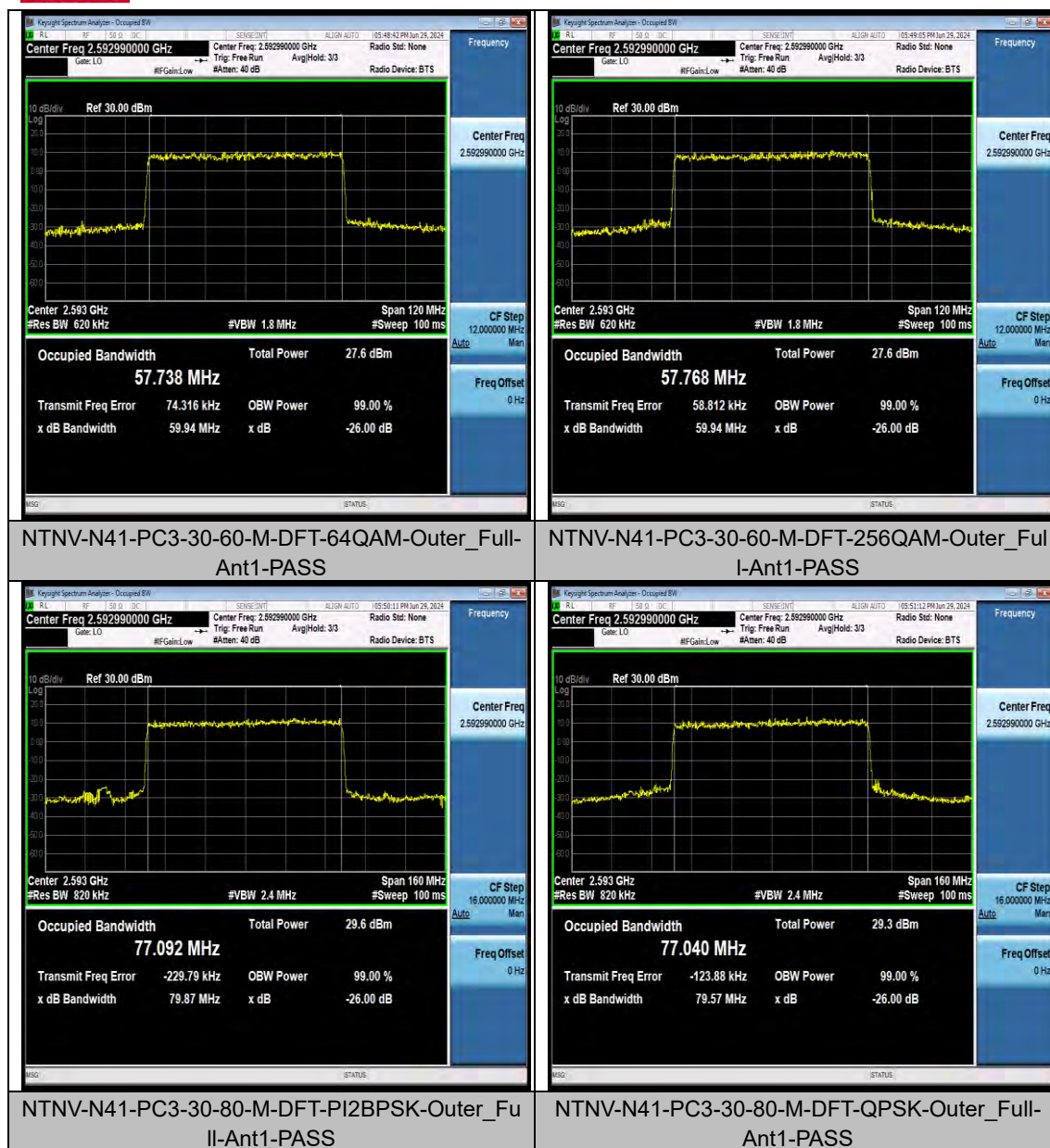
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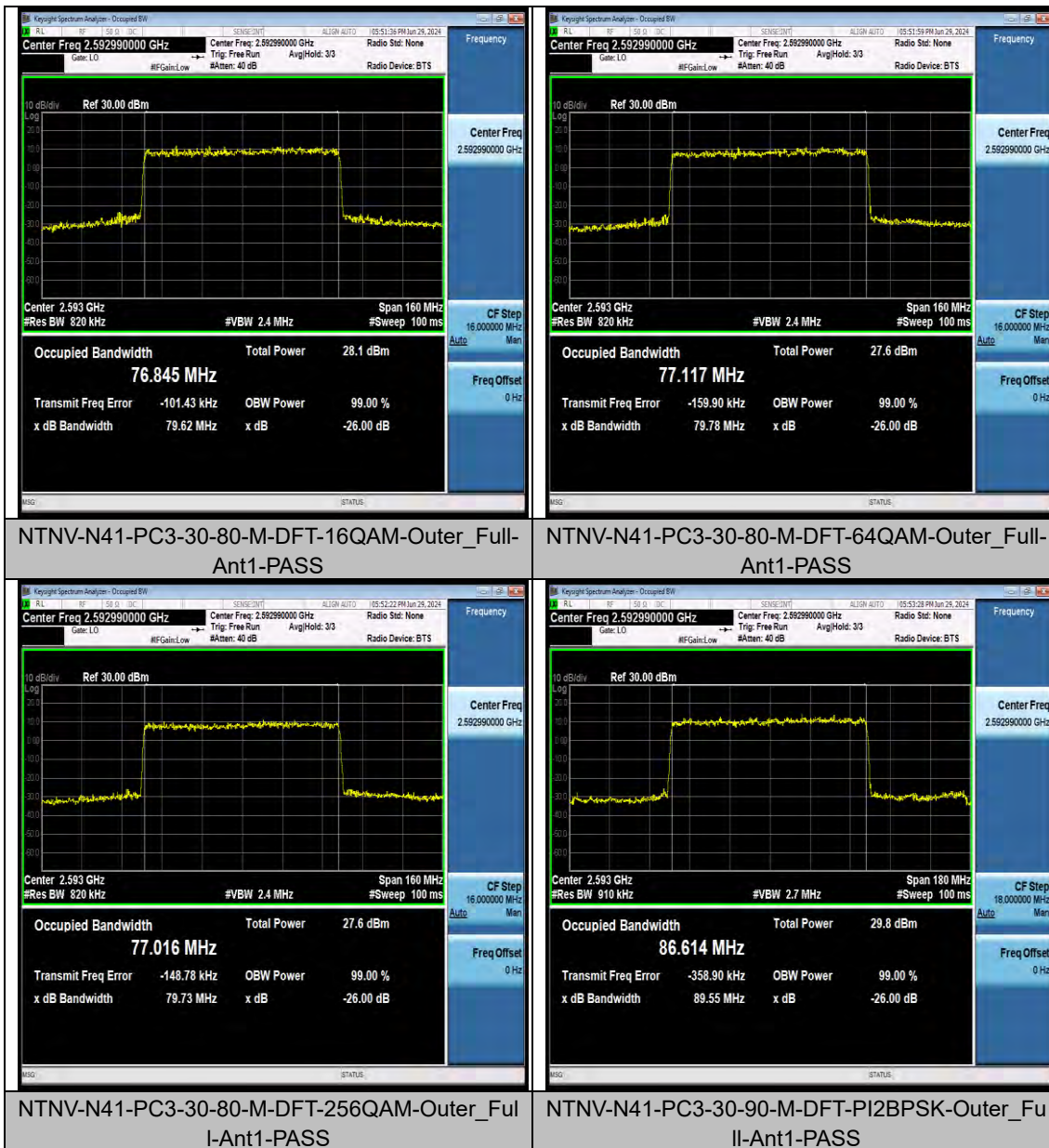
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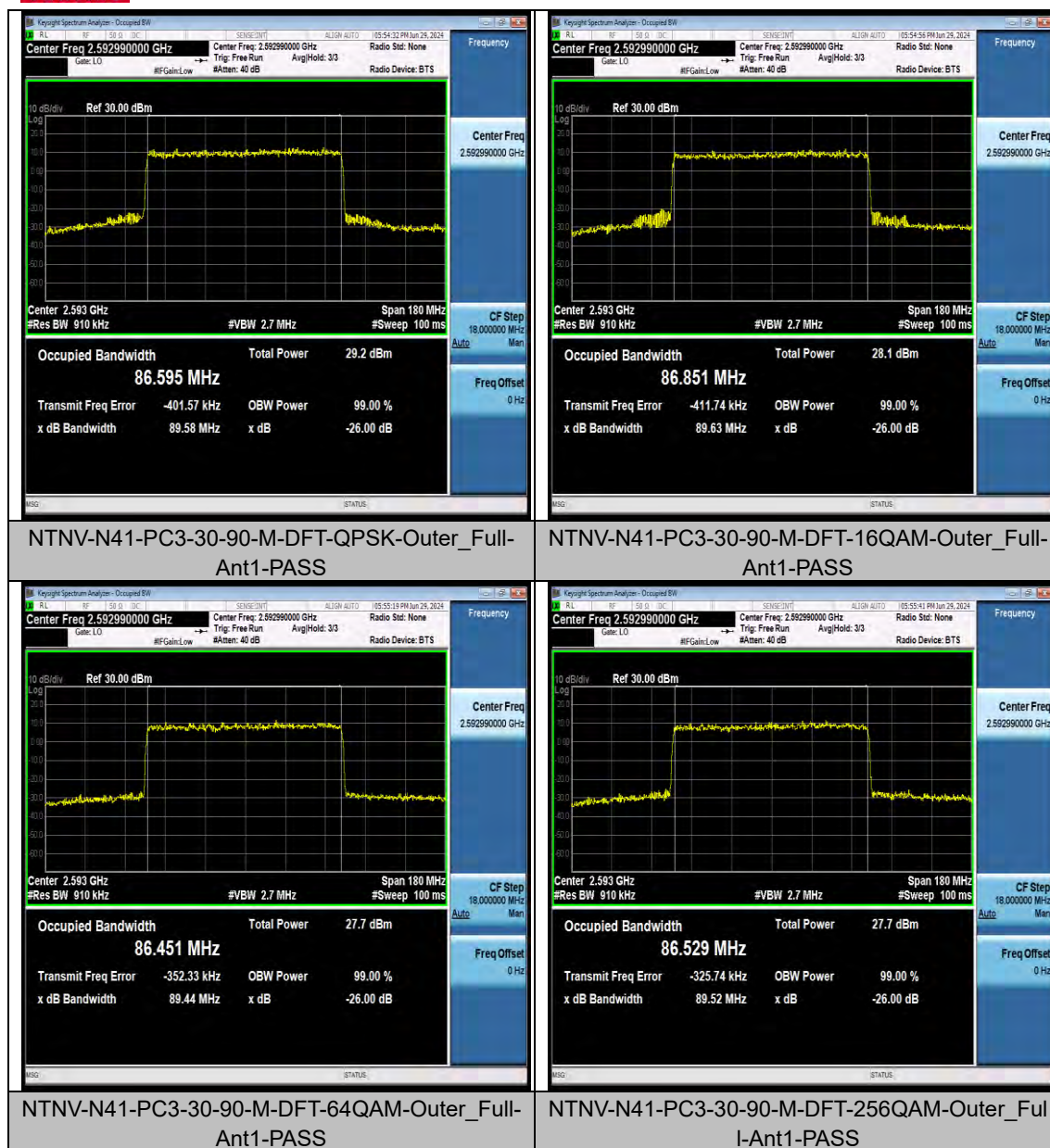
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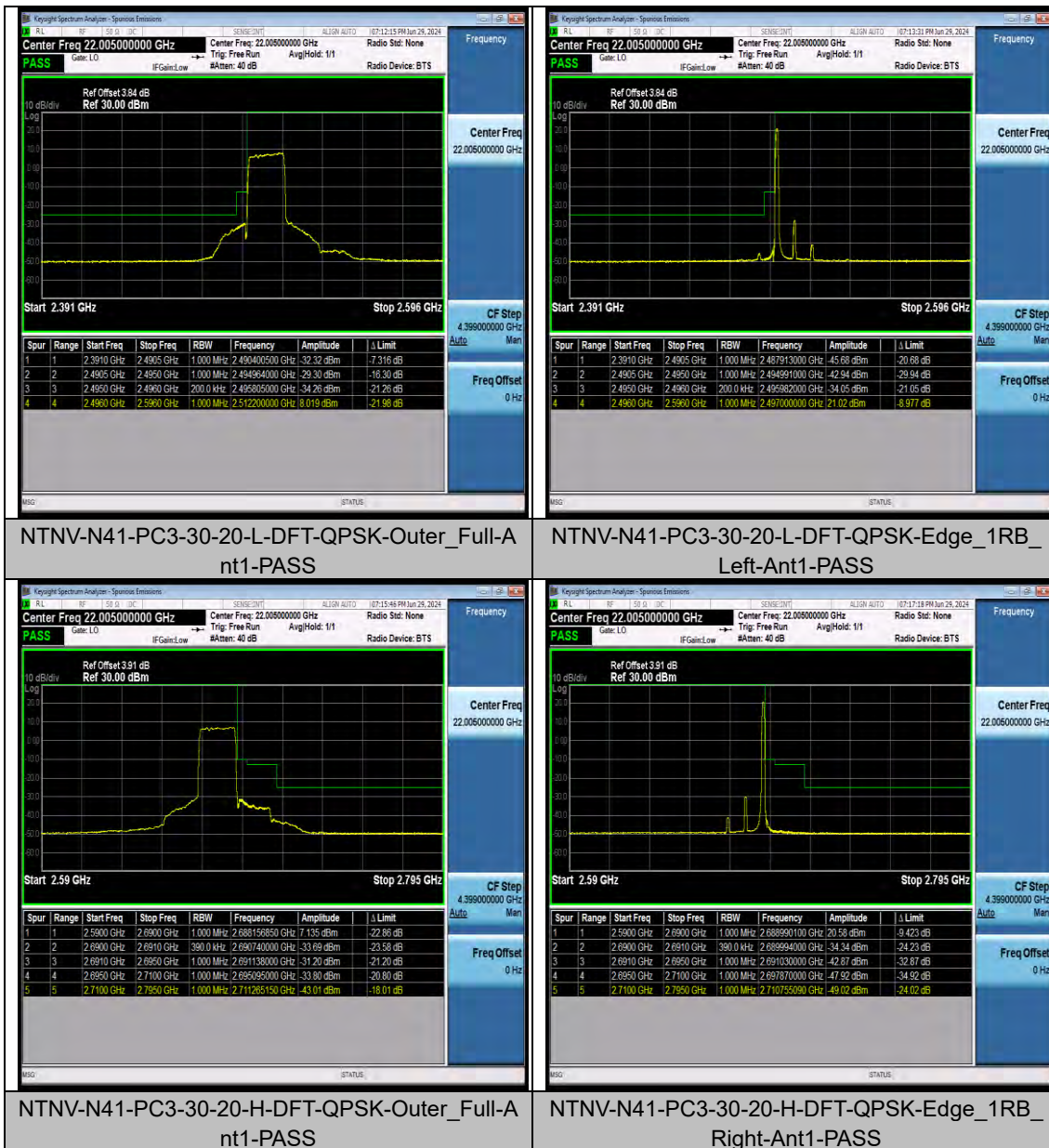
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BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	-32.32	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	-45.68	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	-43.01	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Right	-49.02	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	-38.34	PASS
N41	30	60	DFT-QPSK	L	Edge_1RB_Left	-32.13	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	-41.10	PASS
N41	30	60	DFT-QPSK	H	Edge_1RB_Right	-17.82	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	-36.83	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	-18.50	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	-42.20	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Right	-17.73	PASS

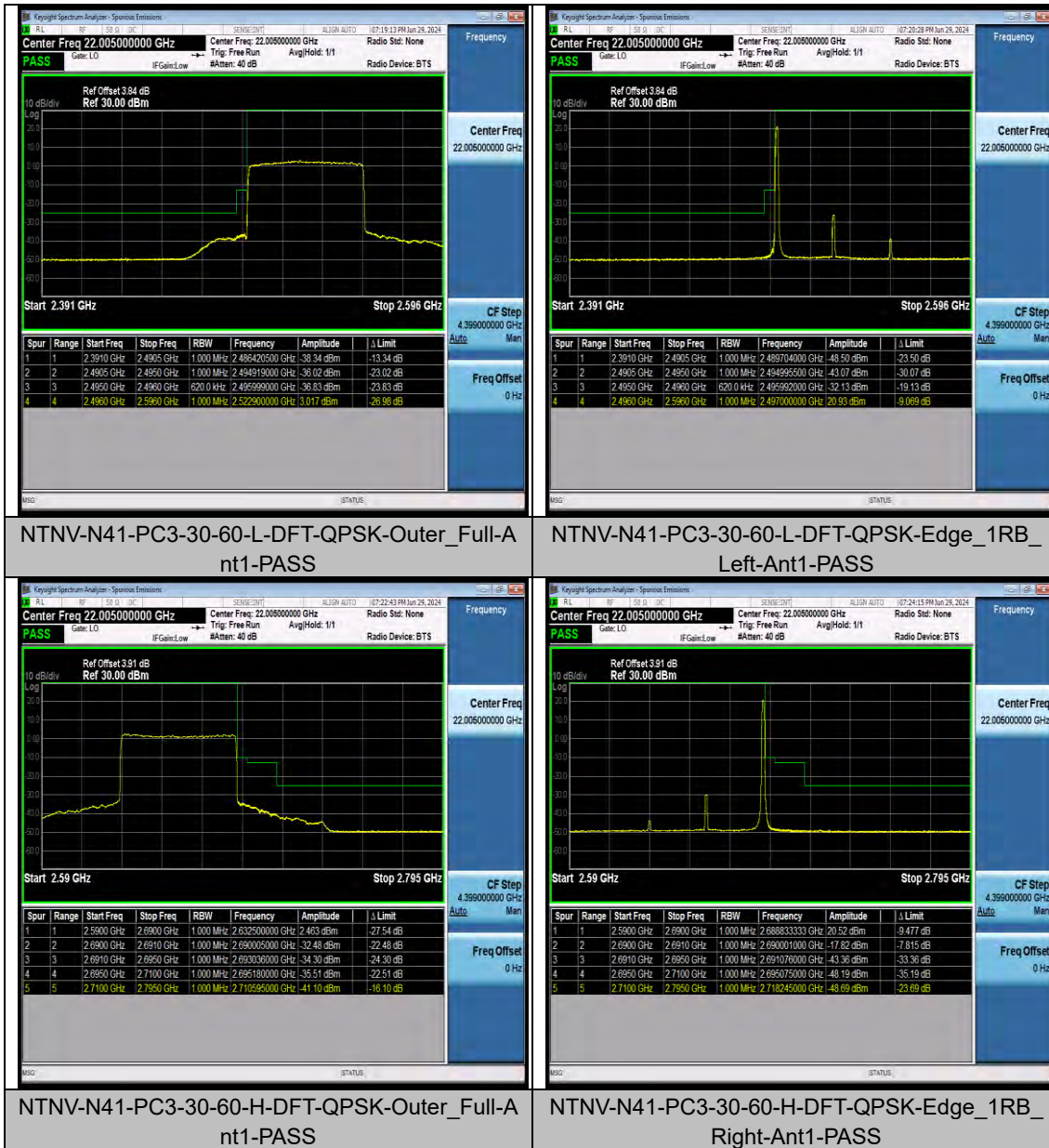
TEST GRAPHS





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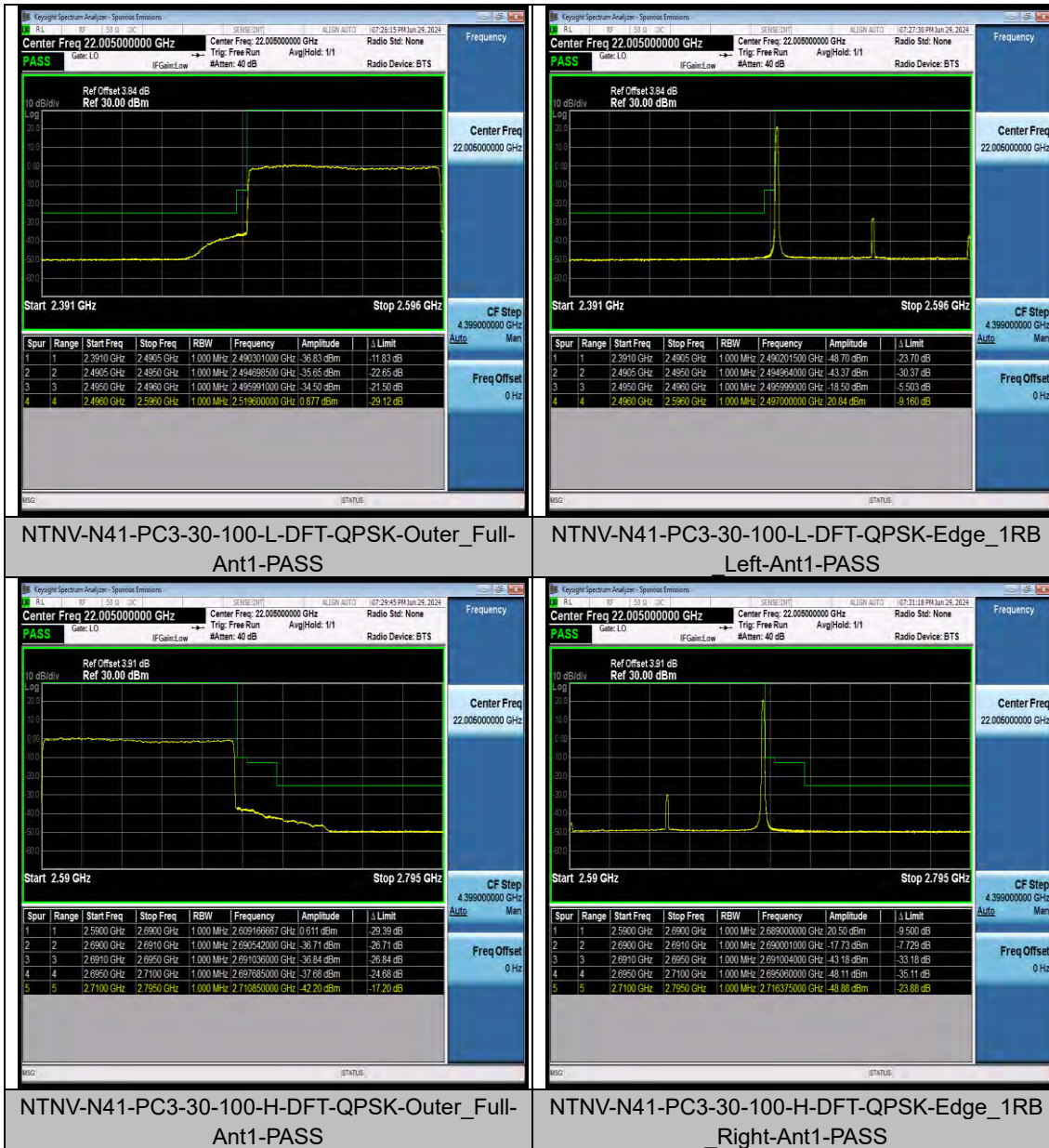
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Reference No.: W7L-P24050018RF11

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N41	30	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.67	-25	PASS
N41	30	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-38.19	-25	PASS
N41	30	20	DFT-QPSK	L	Edge 1RB Left	10000	27000	-51.15	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.62	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.17	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.41	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.70	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.34	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	10000	27000	-51.16	-25	PASS
N41	30	30	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.60	-25	PASS
N41	30	30	DFT-QPSK	L	Edge 1RB Left	1000	10000	-38.58	-25	PASS
N41	30	30	DFT-QPSK	L	Edge 1RB Left	10000	27000	-51.00	-25	PASS
N41	30	30	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.63	-25	PASS
N41	30	30	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.32	-25	PASS
N41	30	30	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.03	-25	PASS
N41	30	30	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.34	-25	PASS
N41	30	30	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.56	-25	PASS
N41	30	30	DFT-QPSK	H	Edge 1RB Left	10000	27000	-51.08	-25	PASS
N41	30	40	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.50	-25	PASS
N41	30	40	DFT-QPSK	L	Edge 1RB Left	1000	10000	-38.45	-25	PASS
N41	30	40	DFT-QPSK	L	Edge 1RB Left	10000	27000	-50.85	-25	PASS
N41	30	40	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.61	-25	PASS
N41	30	40	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.54	-25	PASS
N41	30	40	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.27	-25	PASS
N41	30	40	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.45	-25	PASS
N41	30	40	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.33	-25	PASS
N41	30	40	DFT-QPSK	H	Edge 1RB Left	10000	27000	-51.05	-25	PASS
N41	30	50	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.55	-25	PASS
N41	30	50	DFT-QPSK	L	Edge 1RB Left	1000	10000	-38.60	-25	PASS
N41	30	50	DFT-QPSK	L	Edge 1RB Left	10000	27000	-50.91	-25	PASS
N41	30	50	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.55	-25	PASS
N41	30	50	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.06	-25	PASS
N41	30	50	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.23	-25	PASS
N41	30	50	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.50	-25	PASS
N41	30	50	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.51	-25	PASS
N41	30	50	DFT-QPSK	H	Edge 1RB Left	10000	27000	-51.32	-25	PASS
N41	30	60	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.46	-25	PASS
N41	30	60	DFT-QPSK	L	Edge 1RB Left	1000	10000	-38.55	-25	PASS
N41	30	60	DFT-QPSK	L	Edge 1RB Left	10000	27000	-51.08	-25	PASS
N41	30	60	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.46	-25	PASS
N41	30	60	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.24	-25	PASS
N41	30	60	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.06	-25	PASS
N41	30	60	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.45	-25	PASS

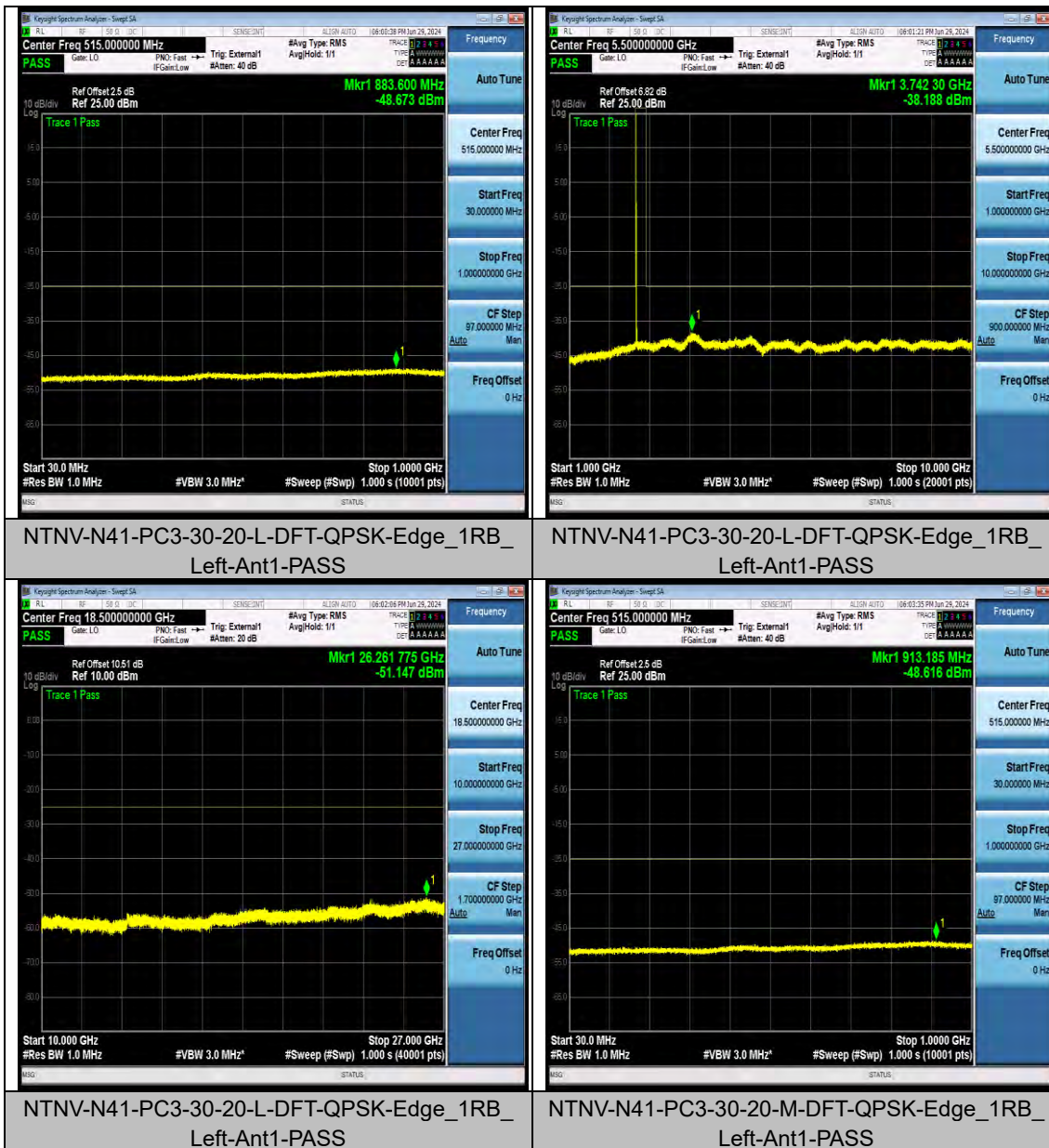


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Reference No.: W7L-P24050018RF11

N41	30	60	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.73	-25	PASS
N41	30	60	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.41	-25	PASS
N41	30	80	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.28	-25	PASS
N41	30	80	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.50	-25	PASS
N41	30	80	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-51.04	-25	PASS
N41	30	80	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.12	-25	PASS
N41	30	80	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.28	-25	PASS
N41	30	80	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-51.21	-25	PASS
N41	30	80	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.46	-25	PASS
N41	30	80	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.15	-25	PASS
N41	30	80	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.35	-25	PASS
N41	30	90	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.57	-25	PASS
N41	30	90	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.32	-25	PASS
N41	30	90	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-51.18	-25	PASS
N41	30	90	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.64	-25	PASS
N41	30	90	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.54	-25	PASS
N41	30	90	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-50.95	-25	PASS
N41	30	90	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.41	-25	PASS
N41	30	90	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.26	-25	PASS
N41	30	90	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.30	-25	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.64	-25	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.56	-25	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-51.12	-25	PASS
N41	30	100	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.29	-25	PASS
N41	30	100	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.50	-25	PASS
N41	30	100	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-51.15	-25	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.59	-25	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.47	-25	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.10	-25	PASS

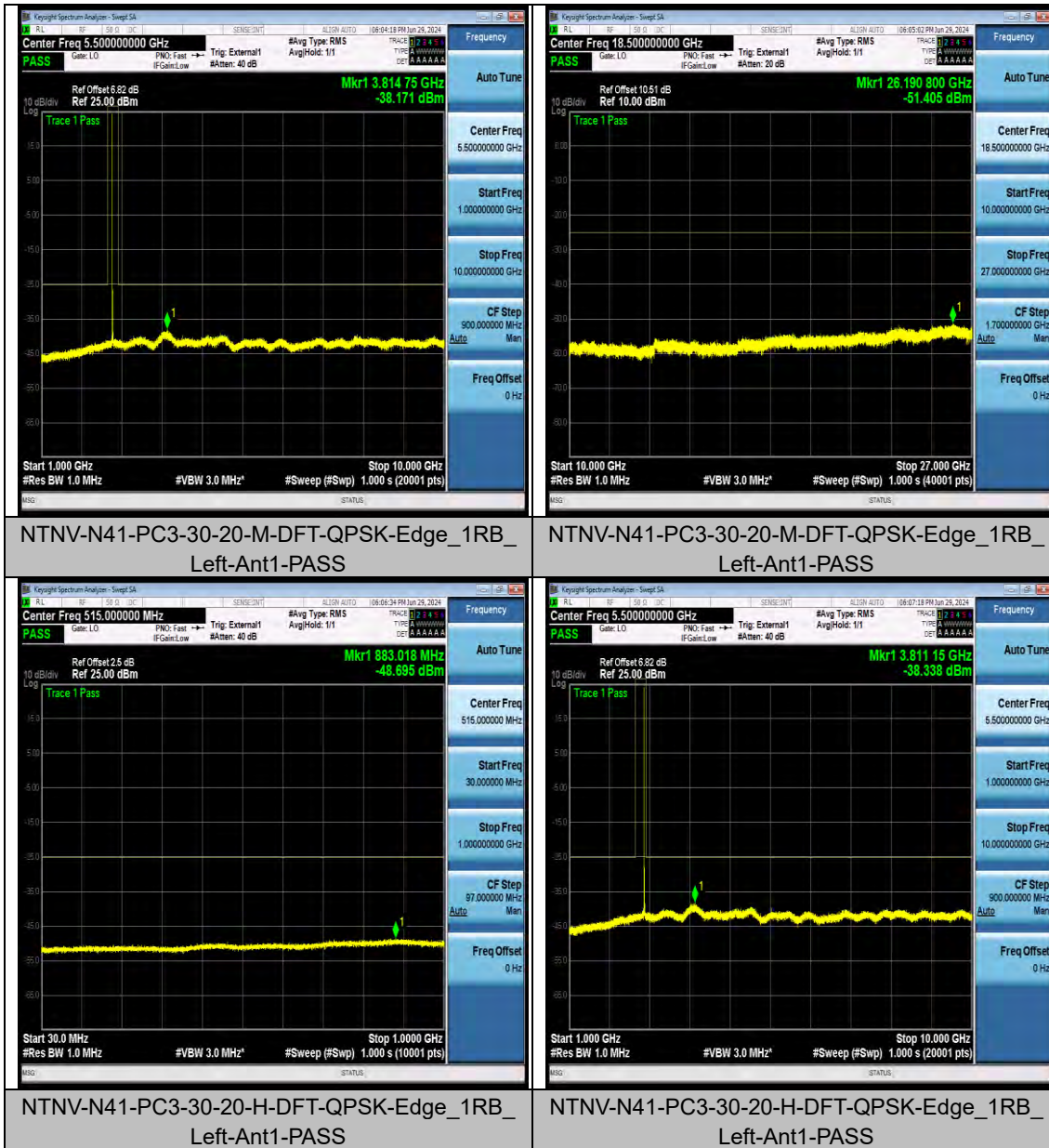
TEST GRAPHS





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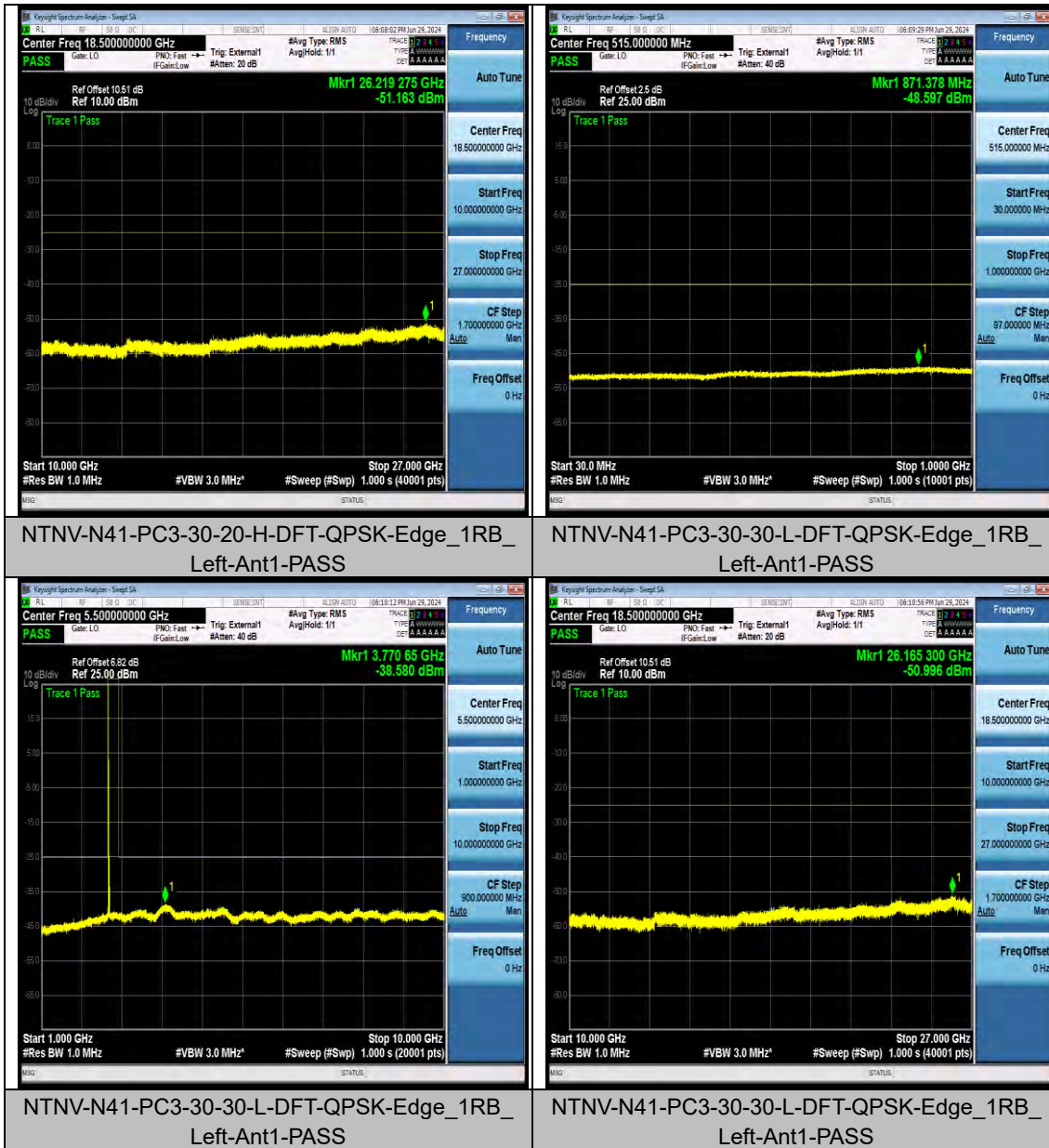
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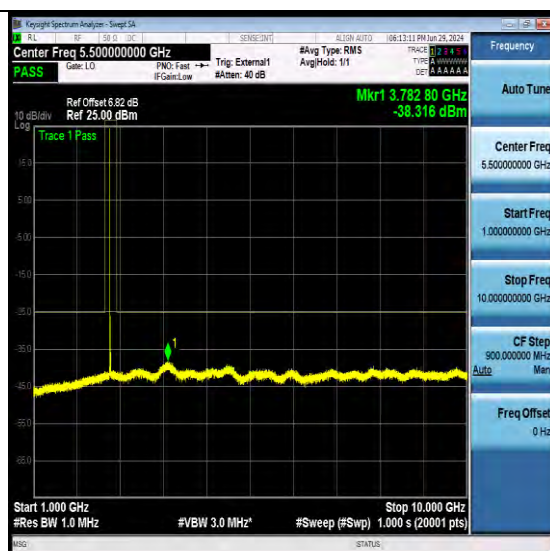
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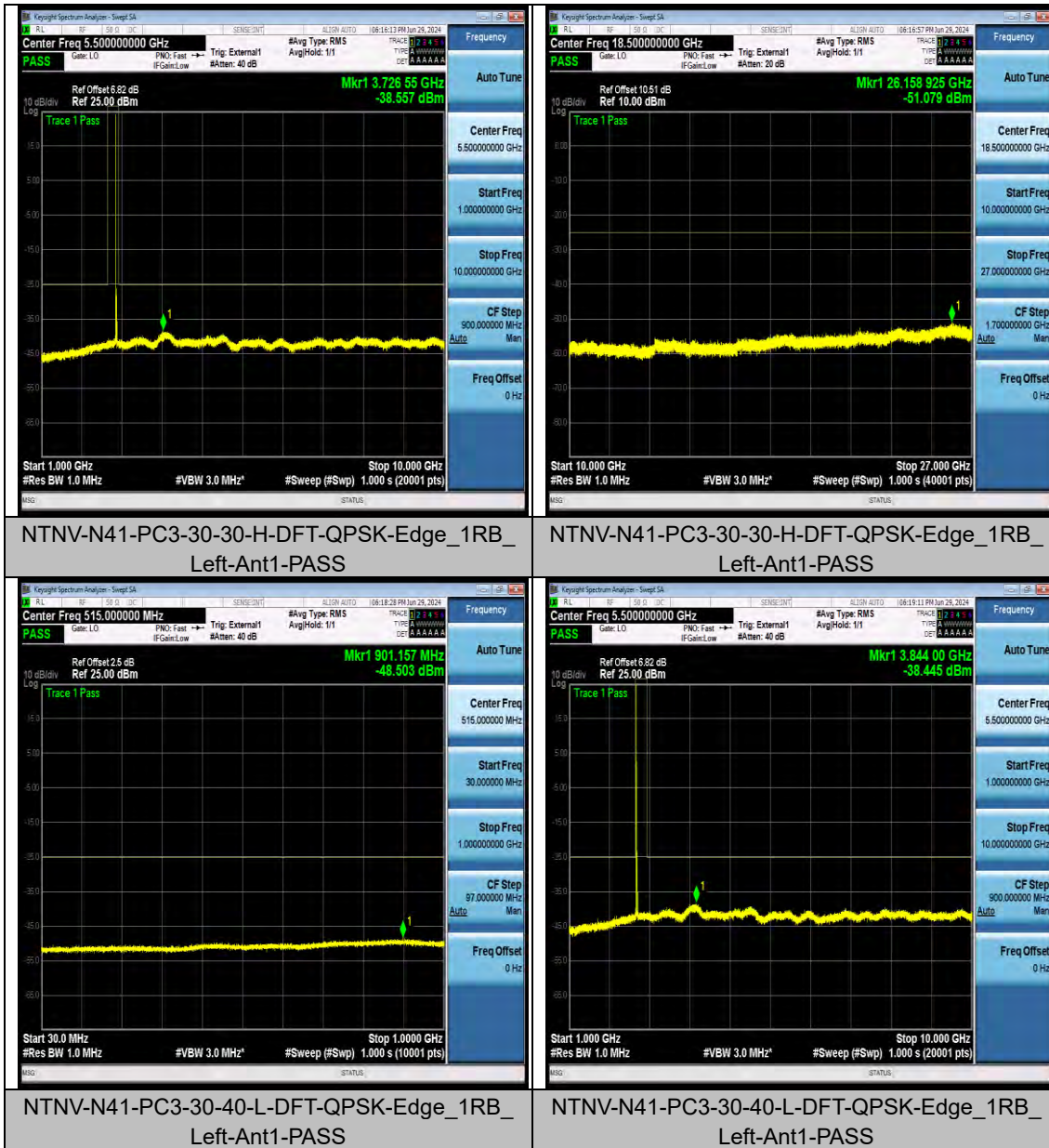
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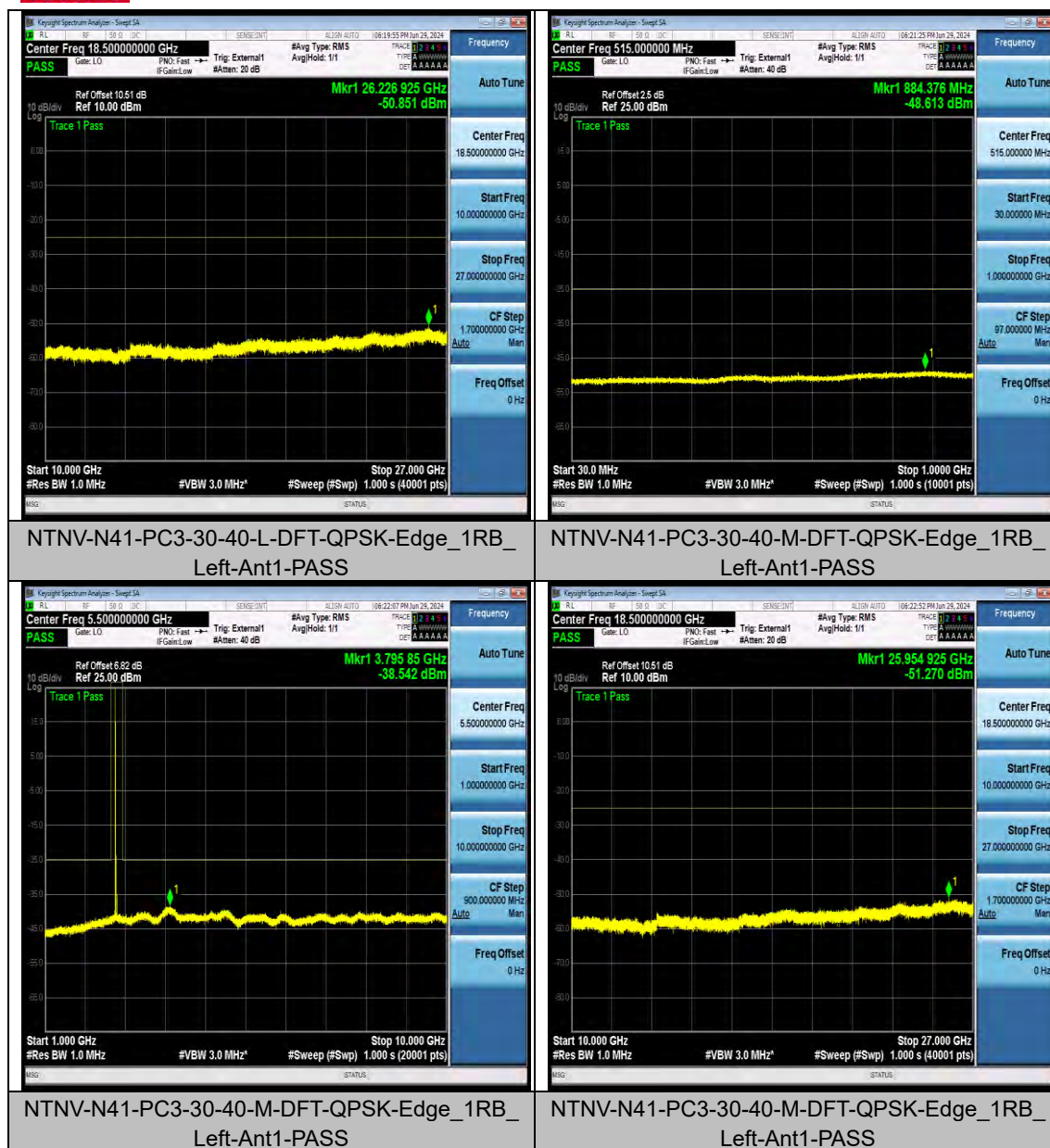
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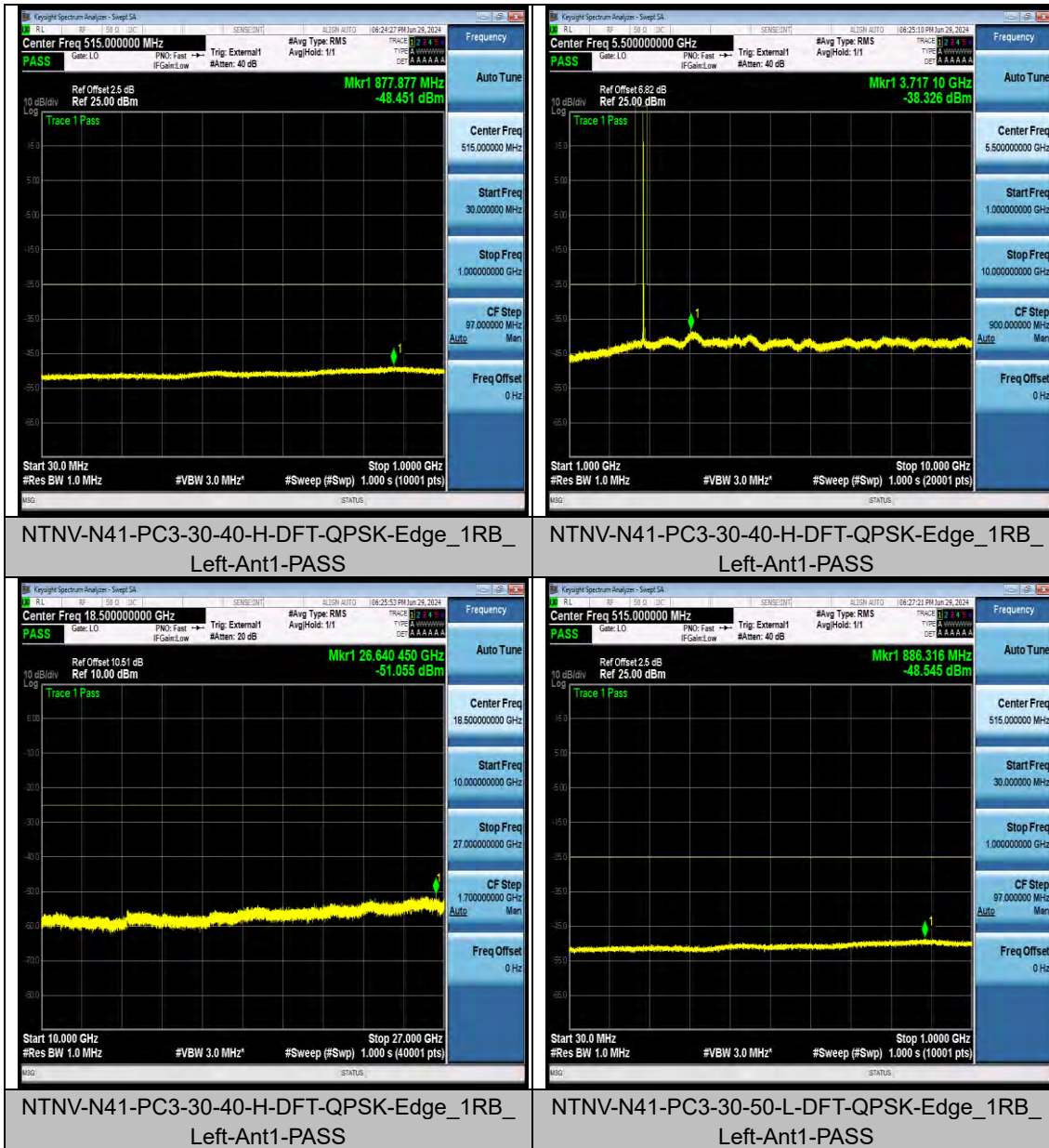
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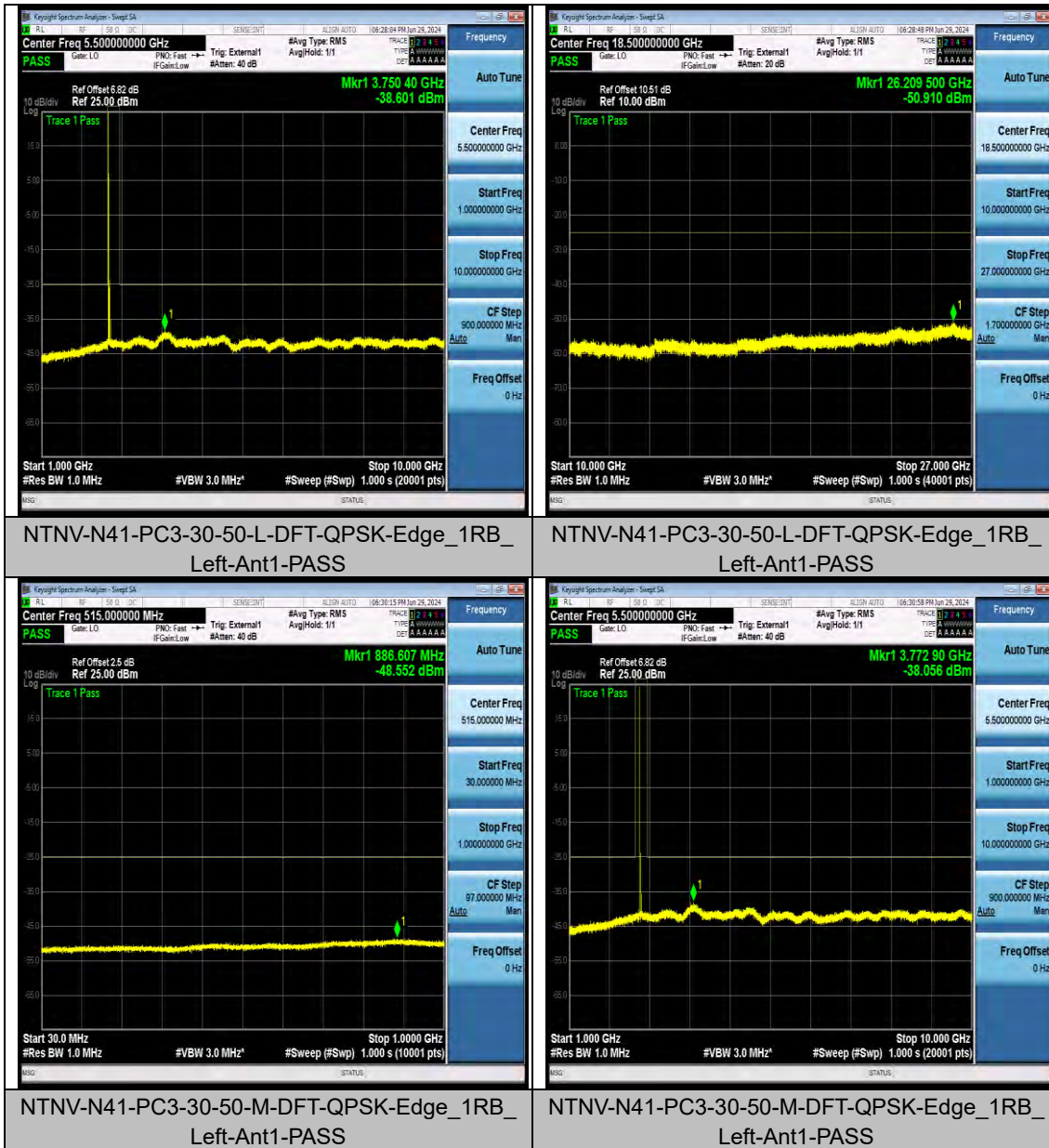
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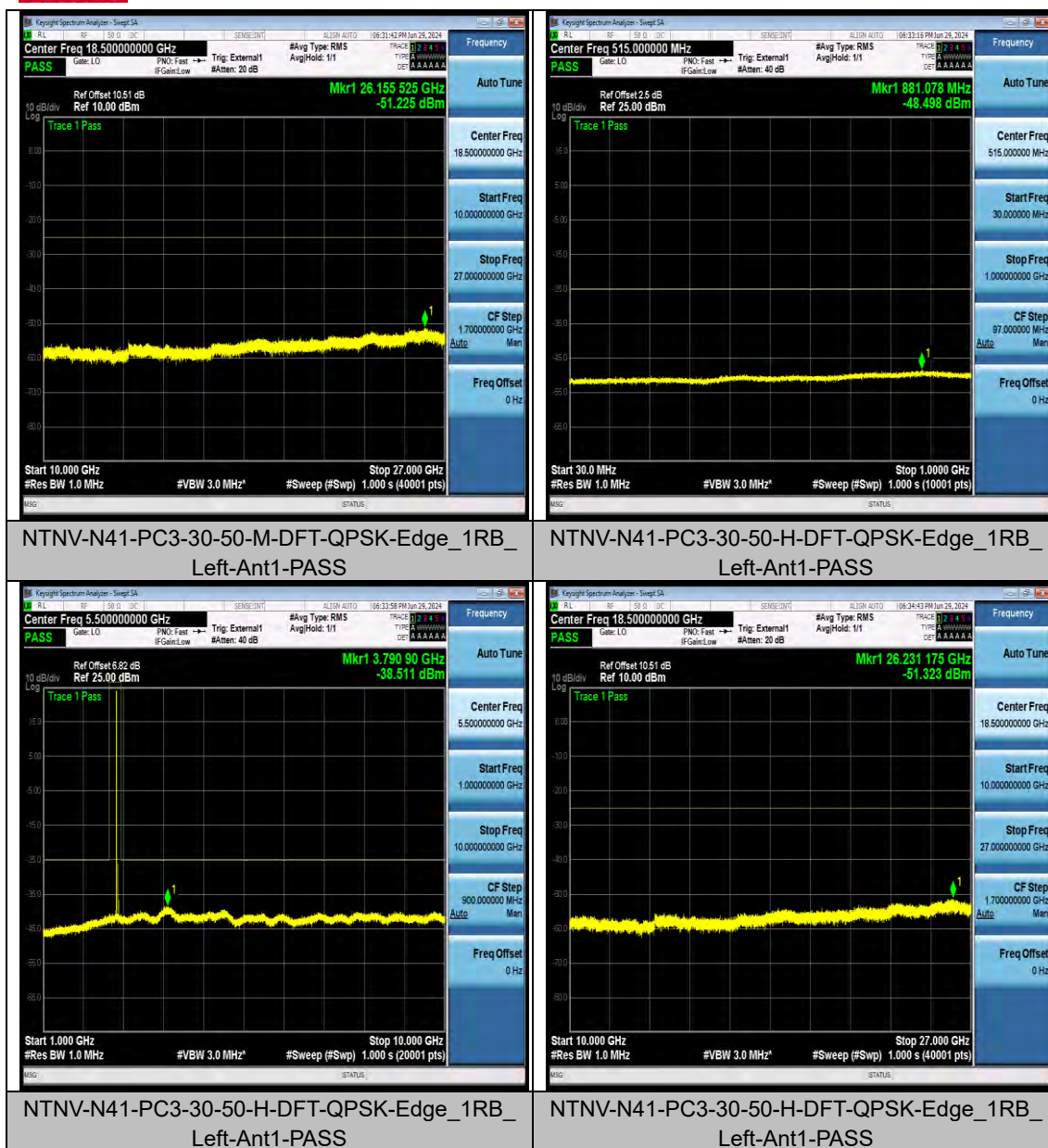
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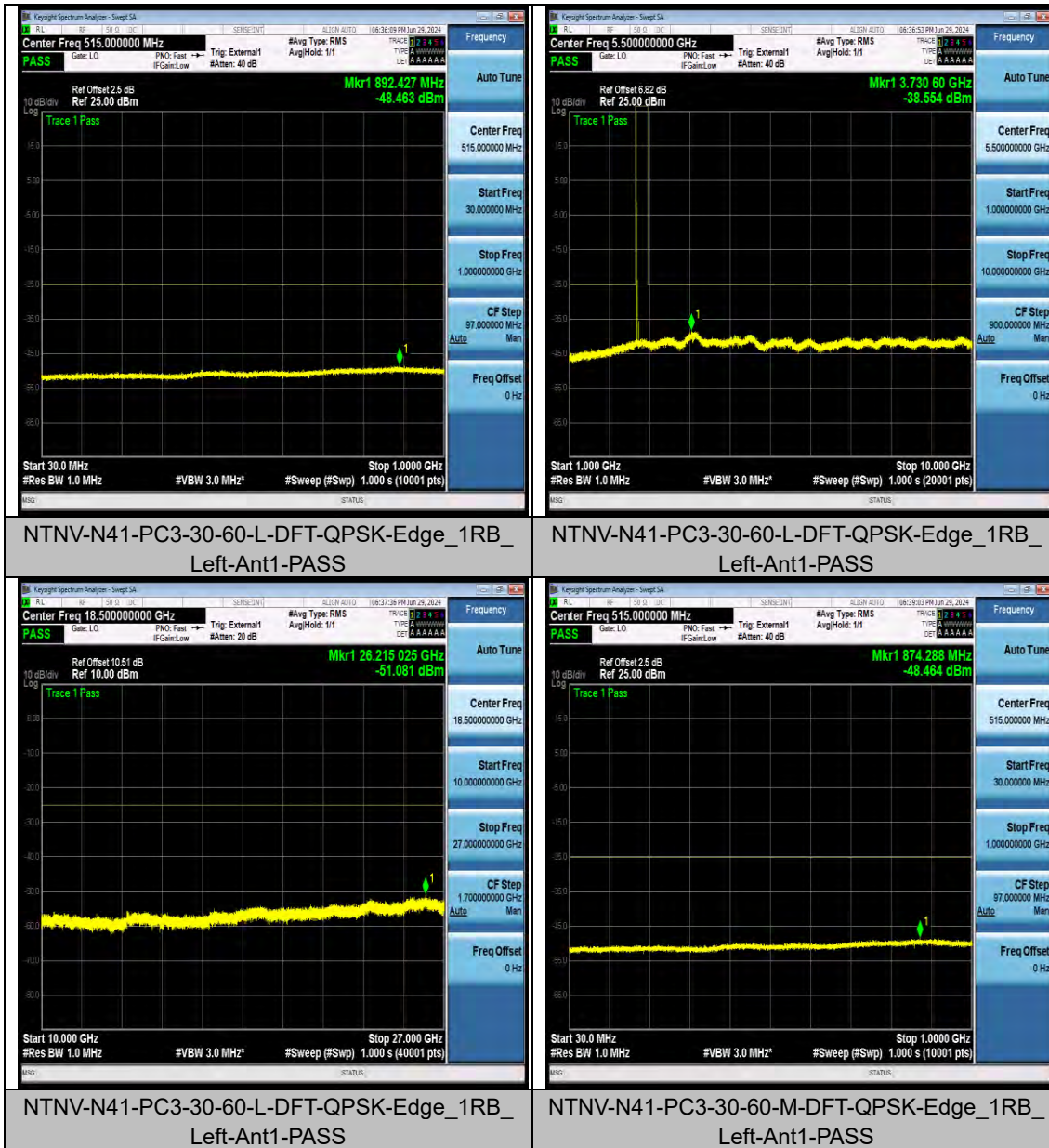
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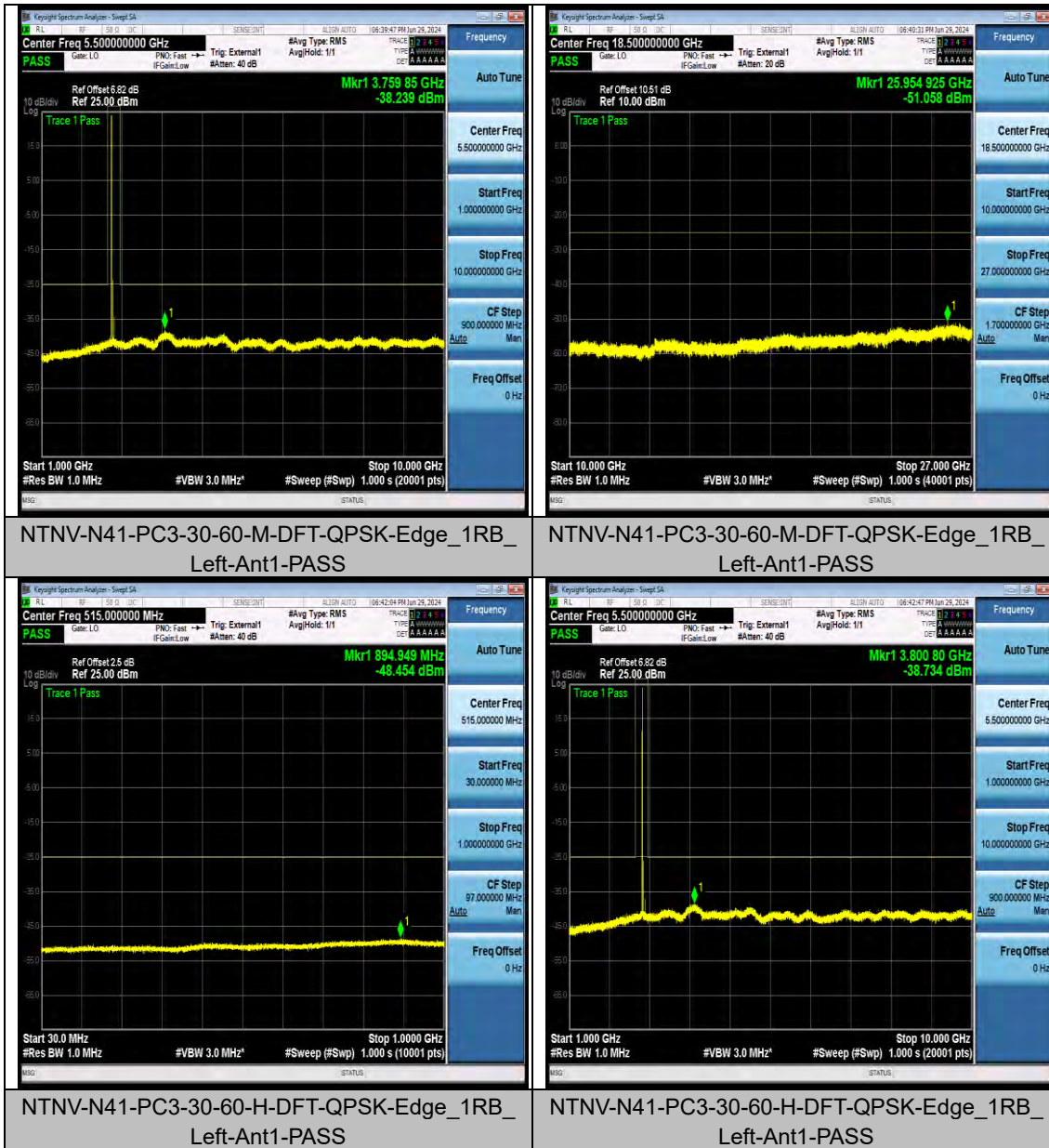
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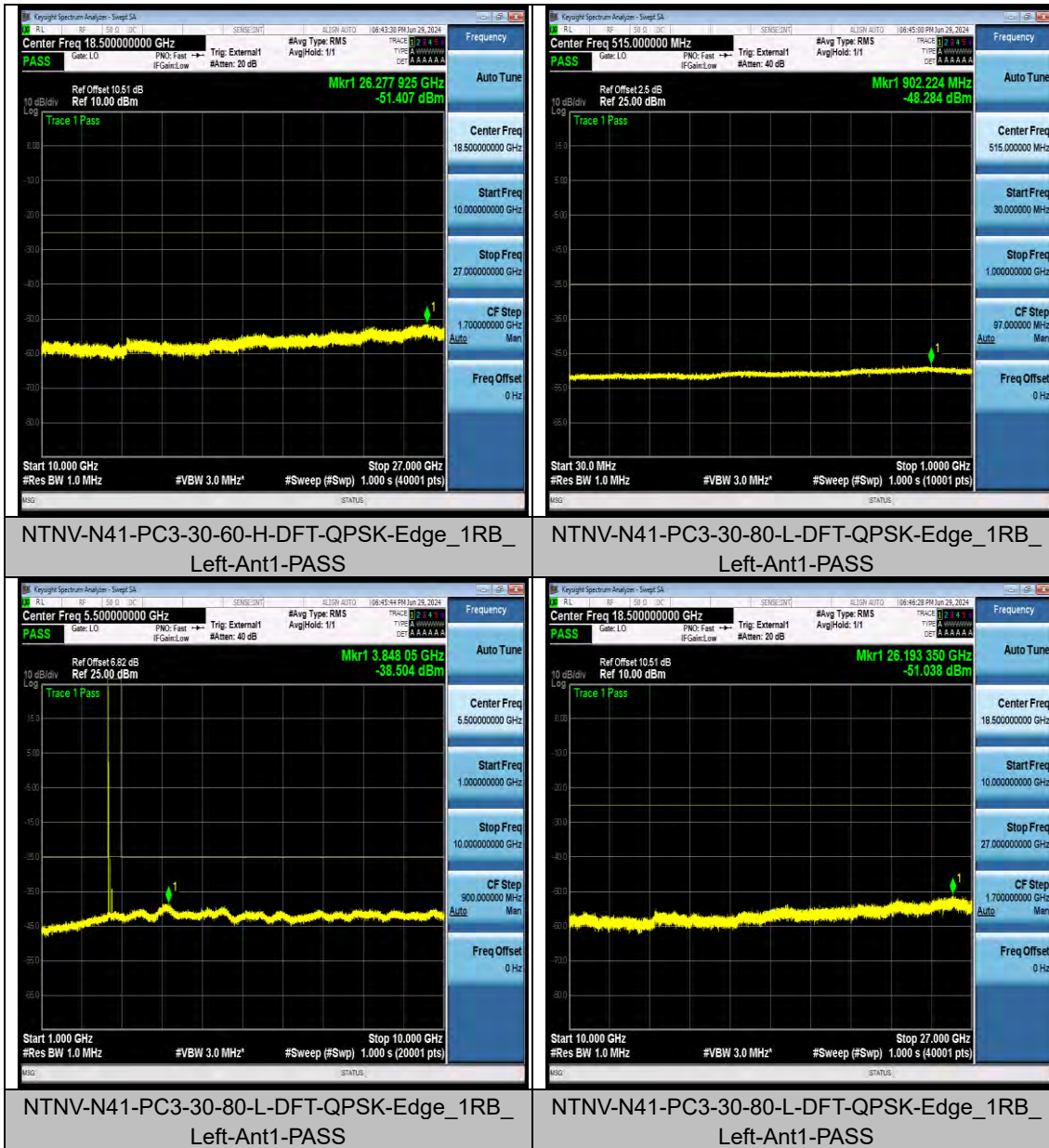
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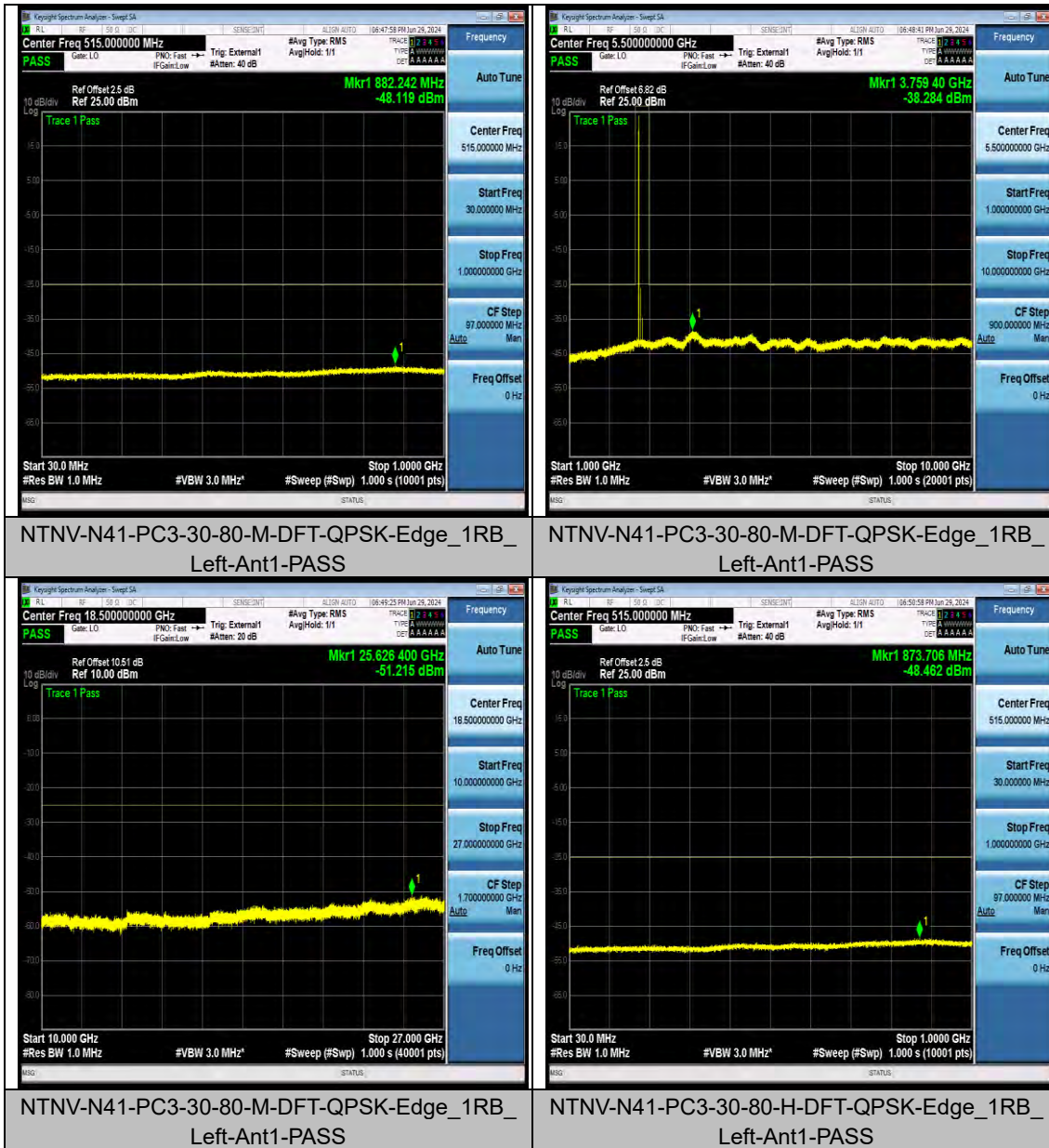
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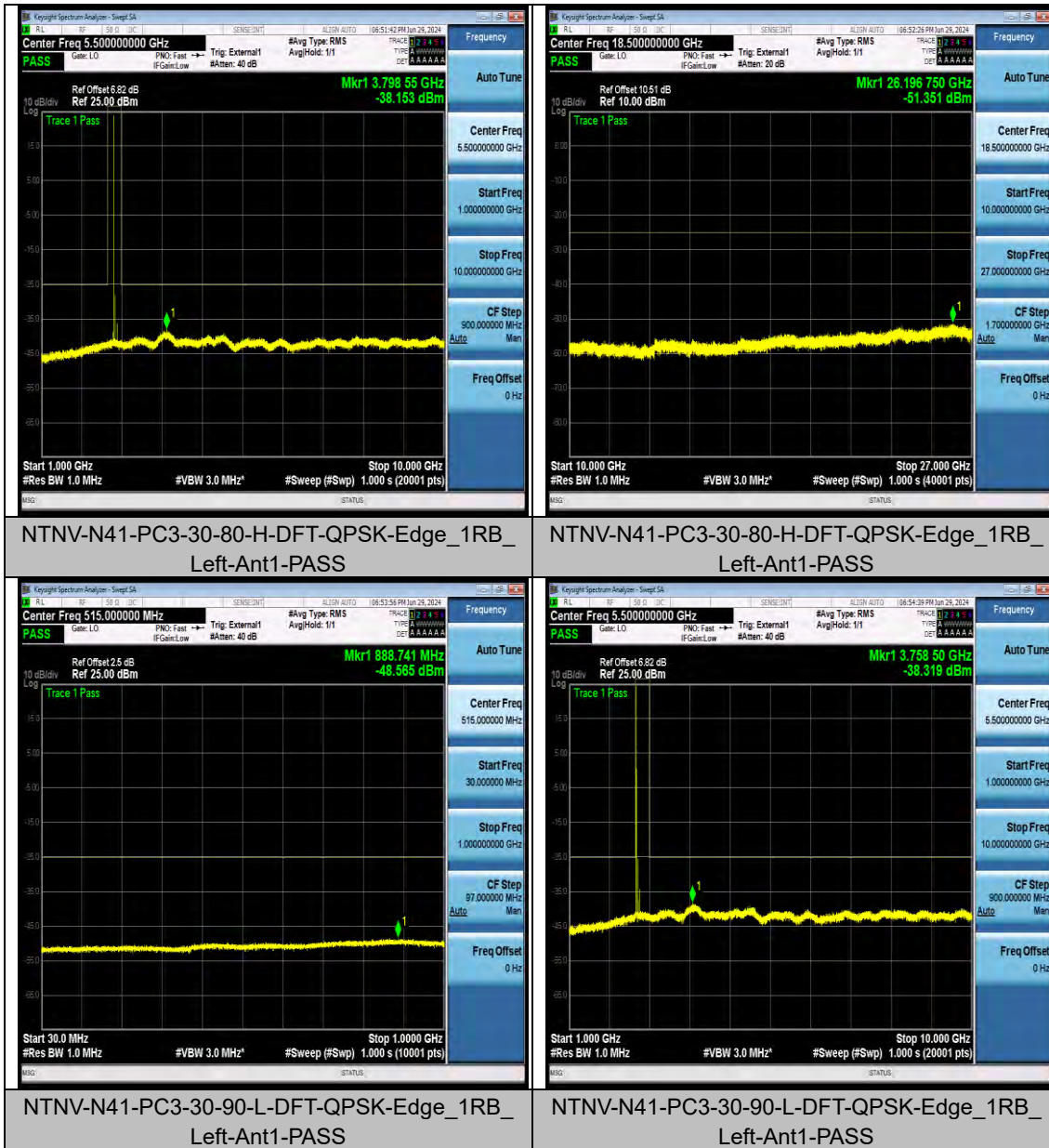
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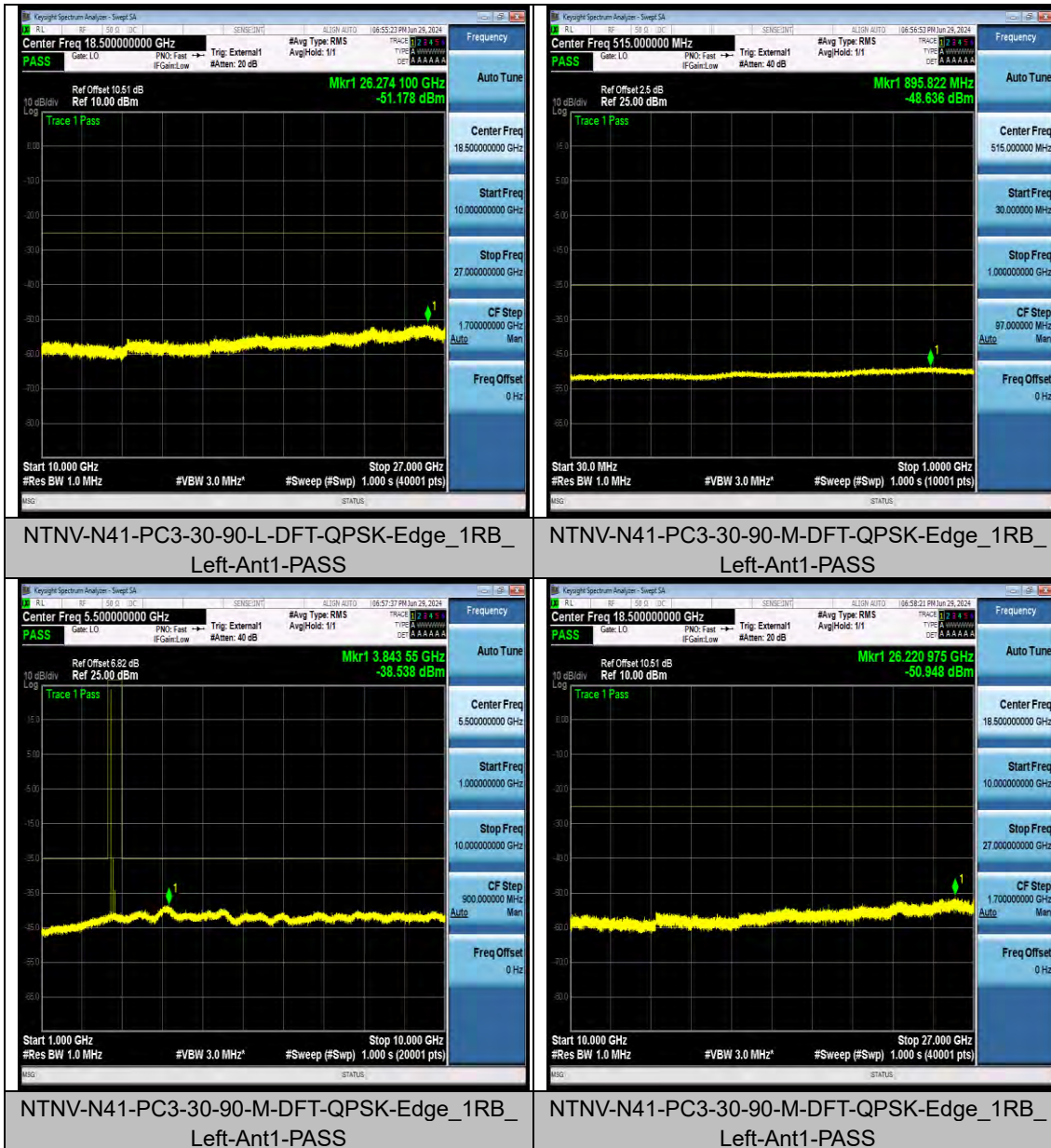
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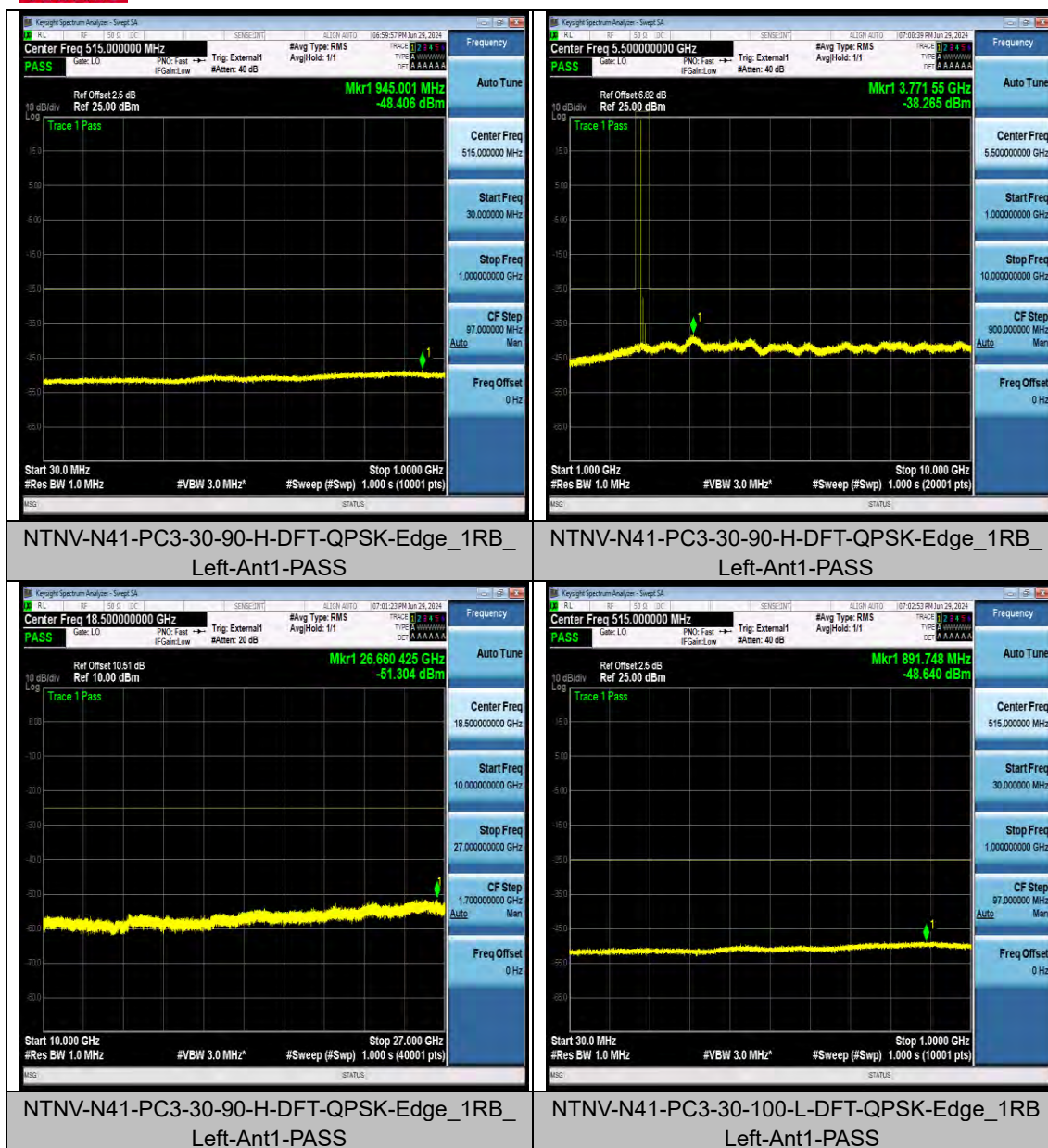
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