

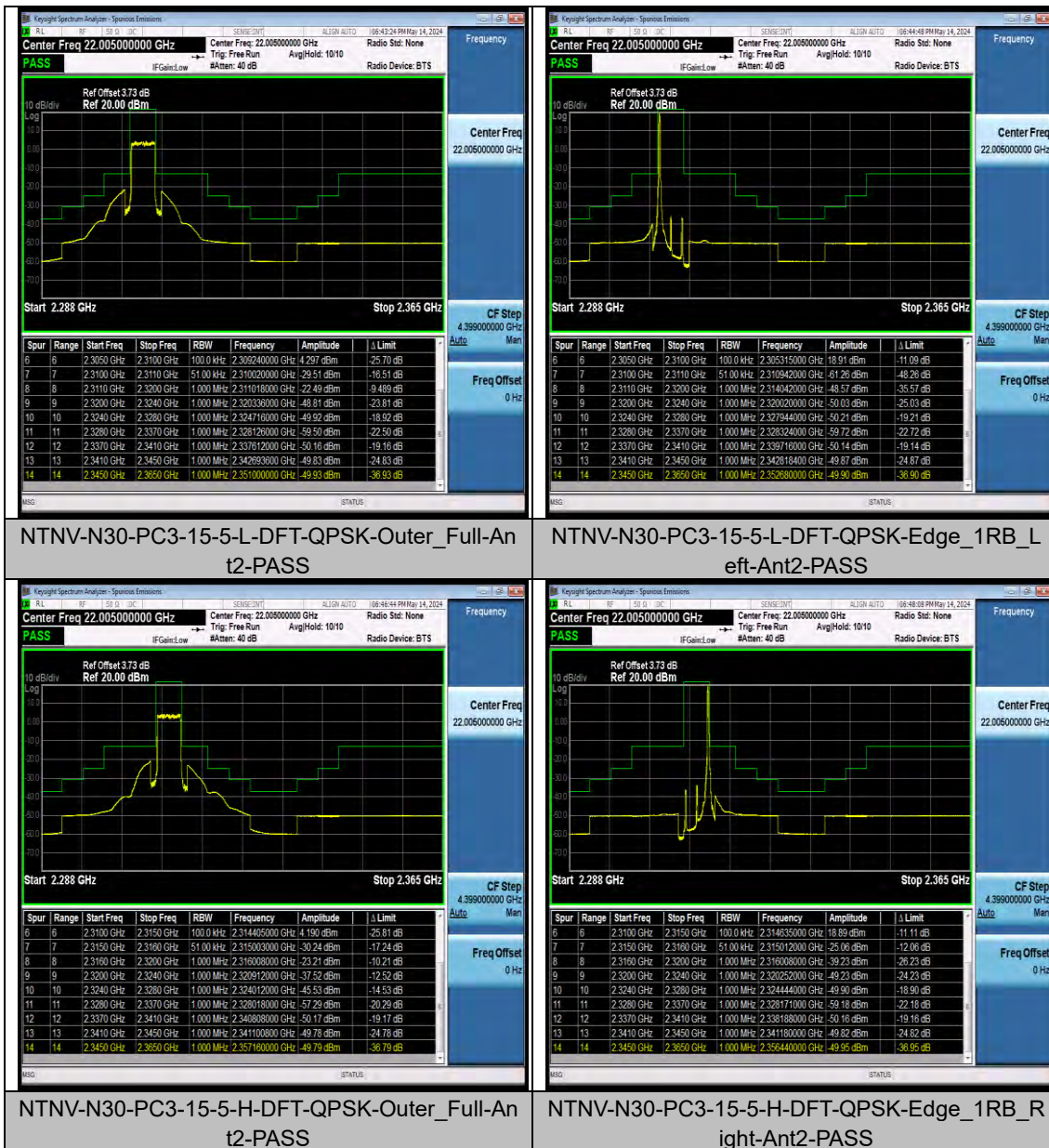


Reference No.: W7L-P24090003RF08

BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N30	15	5	DFT-QPSK	L	Outer Full	-21.33	PASS
N30	15	5	DFT-QPSK	L	Edge 1RB Left	-25.53	PASS
N30	15	5	DFT-QPSK	H	Outer Full	-20.88	PASS
N30	15	5	DFT-QPSK	H	Edge 1RB Right	-25.06	PASS
N30	15	10	DFT-QPSK	M	Outer Full	-31.34	PASS
N30	15	10	DFT-QPSK	M	Edge 1RB Left	-29.85	PASS
N30	15	10	DFT-QPSK	M	Edge 1RB Right	-29.16	PASS

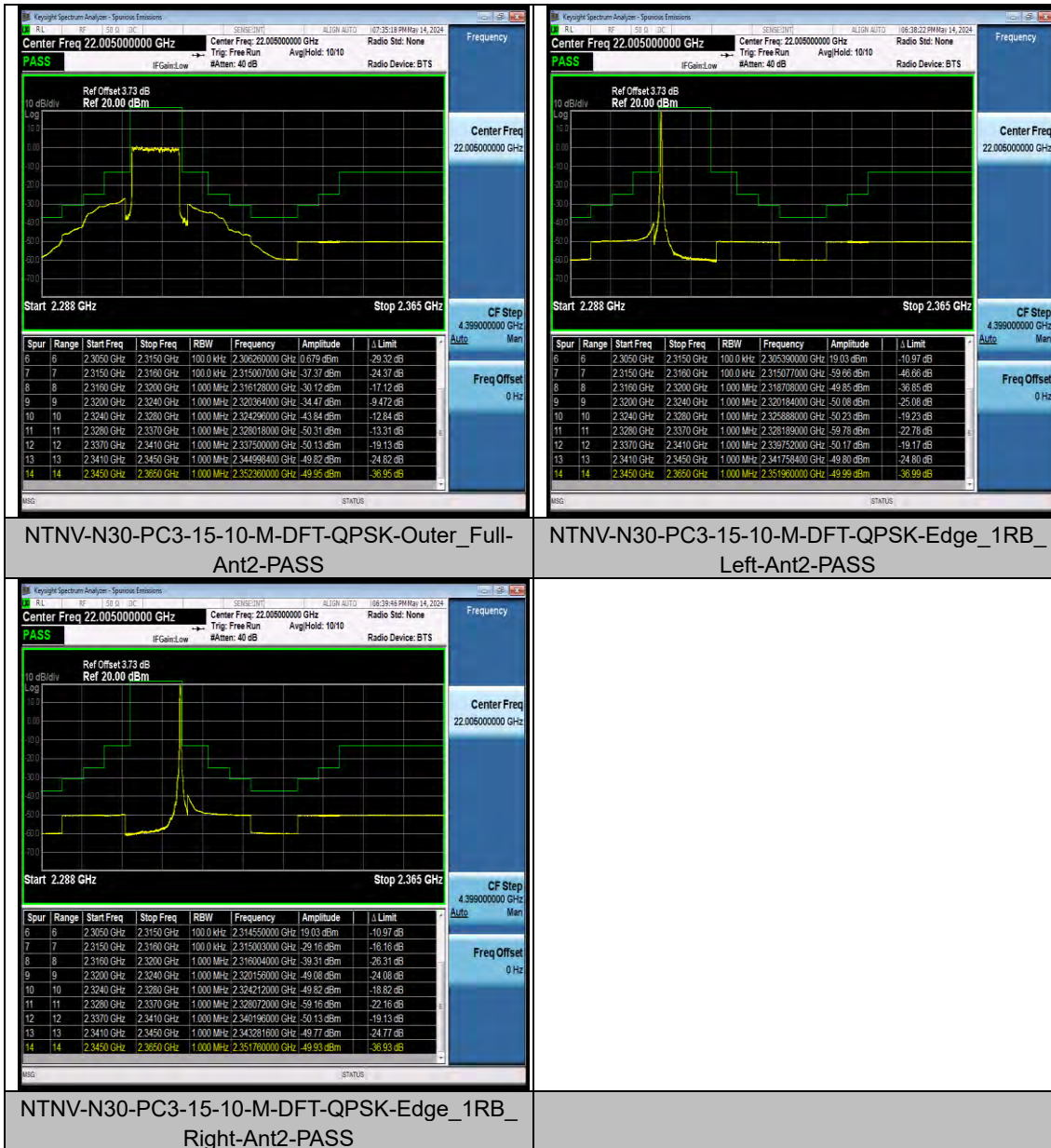
TEST GRAPHS





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Reference No.: W7L-P24090003RF08



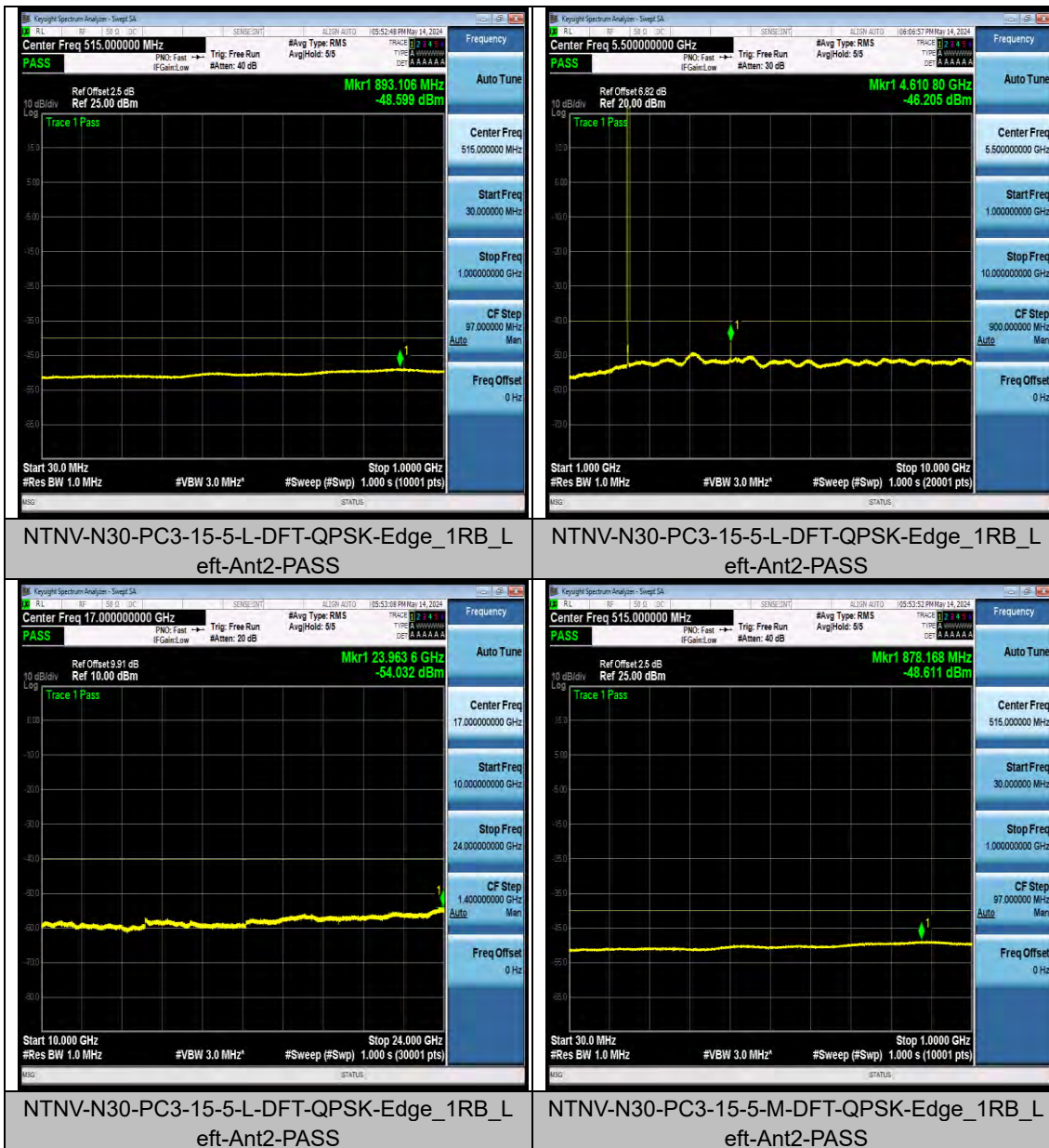


Reference No.: W7L-P24090003RF08

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.60	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-46.20	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	10000	24000	-54.03	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.61	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-45.76	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	10000	24000	-53.89	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.76	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-46.05	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	10000	24000	-53.99	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.73	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-46.08	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	10000	24000	-53.84	-40	PASS

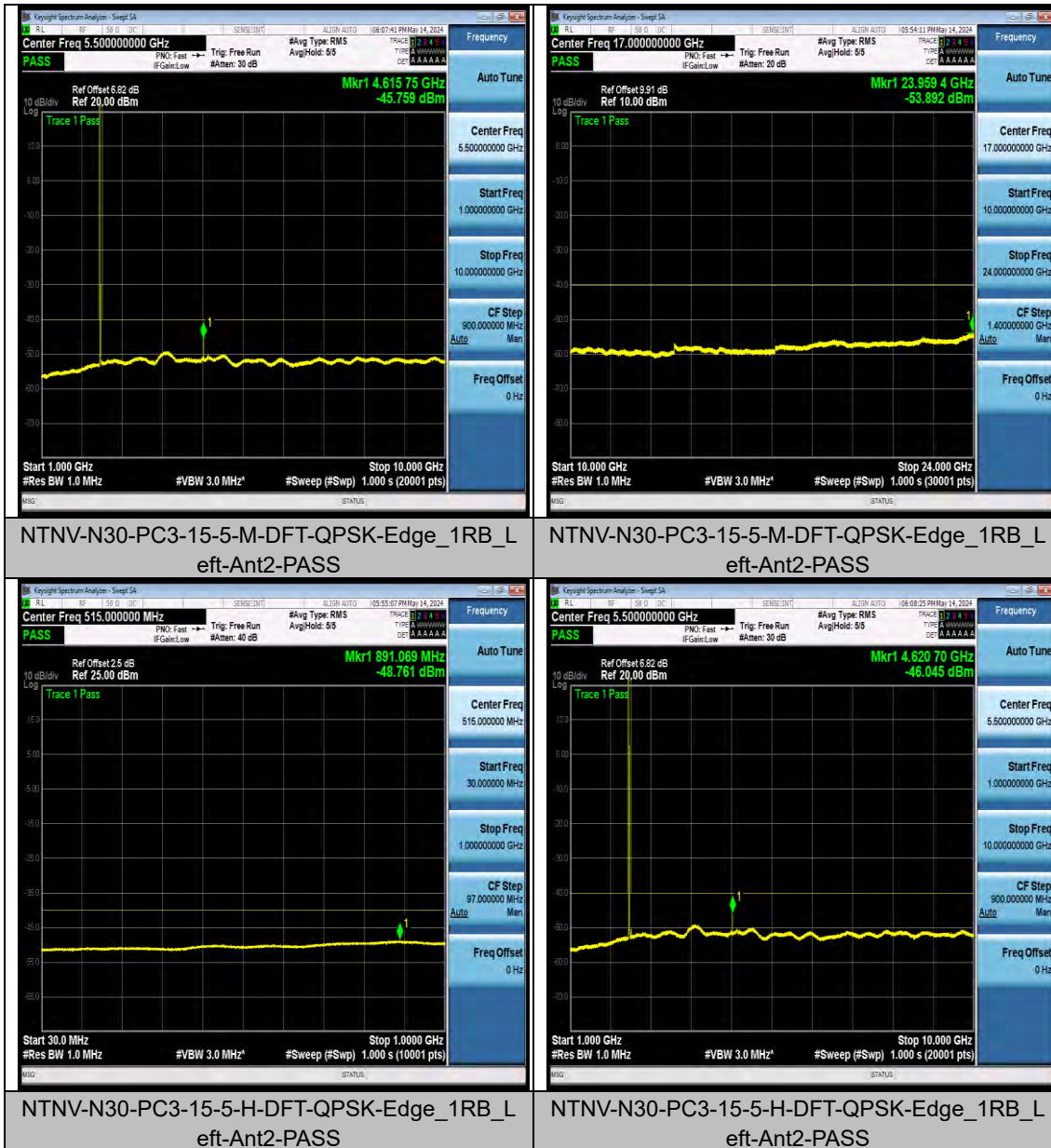
TEST GRAPHS





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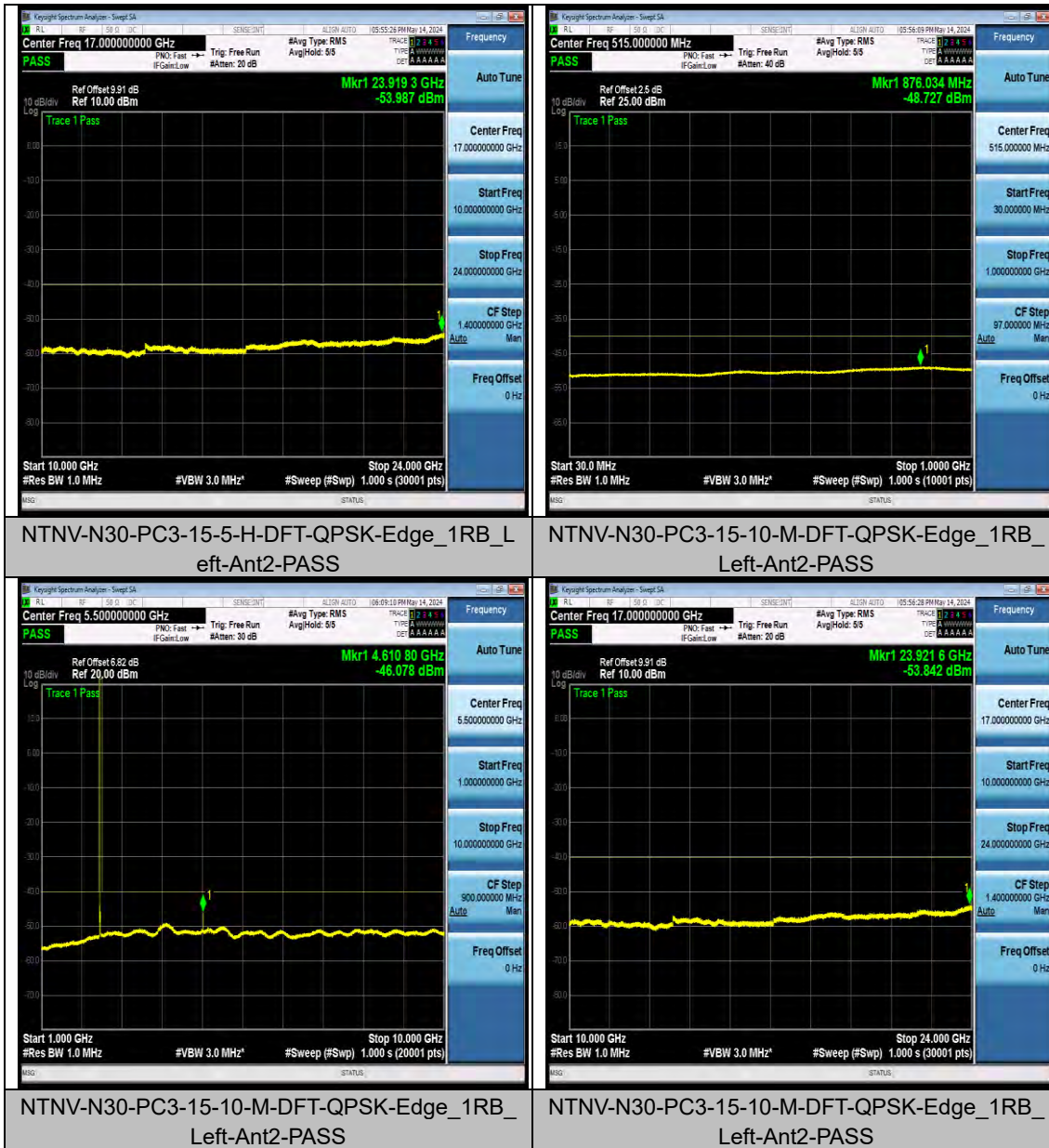
Reference No.: W7L-P24090003RF08





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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
N30	15	10	DFT-Q PSK	L	Outer Full	VL	NT	10.00	0.004329	2307.6582	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	VN	NT	8.00	0.003463	2308.0163	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	VH	NT	9.00	0.003896	2307.6833	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	-30	18.00	0.007792	2308.0367	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	-20	16.00	0.006926	2308.0305	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	-10	8.00	0.003463	2307.8544	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	0	16.00	0.006926	2308.0953	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	10	17.00	0.007359	2307.8428	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	20	8.00	0.003463	2307.7436	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	30	19.00	0.008225	2307.9016	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	40	17.00	0.007359	2307.8210	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	L	Outer Full	NV	50	9.00	0.003896	2308.0173	---	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	VL	NT	14.00	0.006061	---	2312.1922	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	VN	NT	16.00	0.006926	---	2312.1760	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	VH	NT	13.00	0.005628	---	2312.1932	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	-30	5.00	0.002165	---	2312.2323	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	-20	15.00	0.006494	---	2312.2485	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	-10	5.00	0.002165	---	2312.2438	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	0	6.00	0.002597	---	2312.2315	2305-2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	10	16.00	0.006926	---	2312.1425	2305-2315	PASS



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Reference No.: W7L-P24090003RF08

N30	15	10	DFT-Q PSK	H	Outer Full	NV	20	8.00	0.003463	---	2312.178 3	2305- 2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	30	18.00	0.007792	---	2312.151 8	2305- 2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	40	4.00	0.001732	---	2312.159 9	2305- 2315	PASS
N30	15	10	DFT-Q PSK	H	Outer Full	NV	50	15.00	0.006494	---	2312.225 8	2305- 2315	PASS



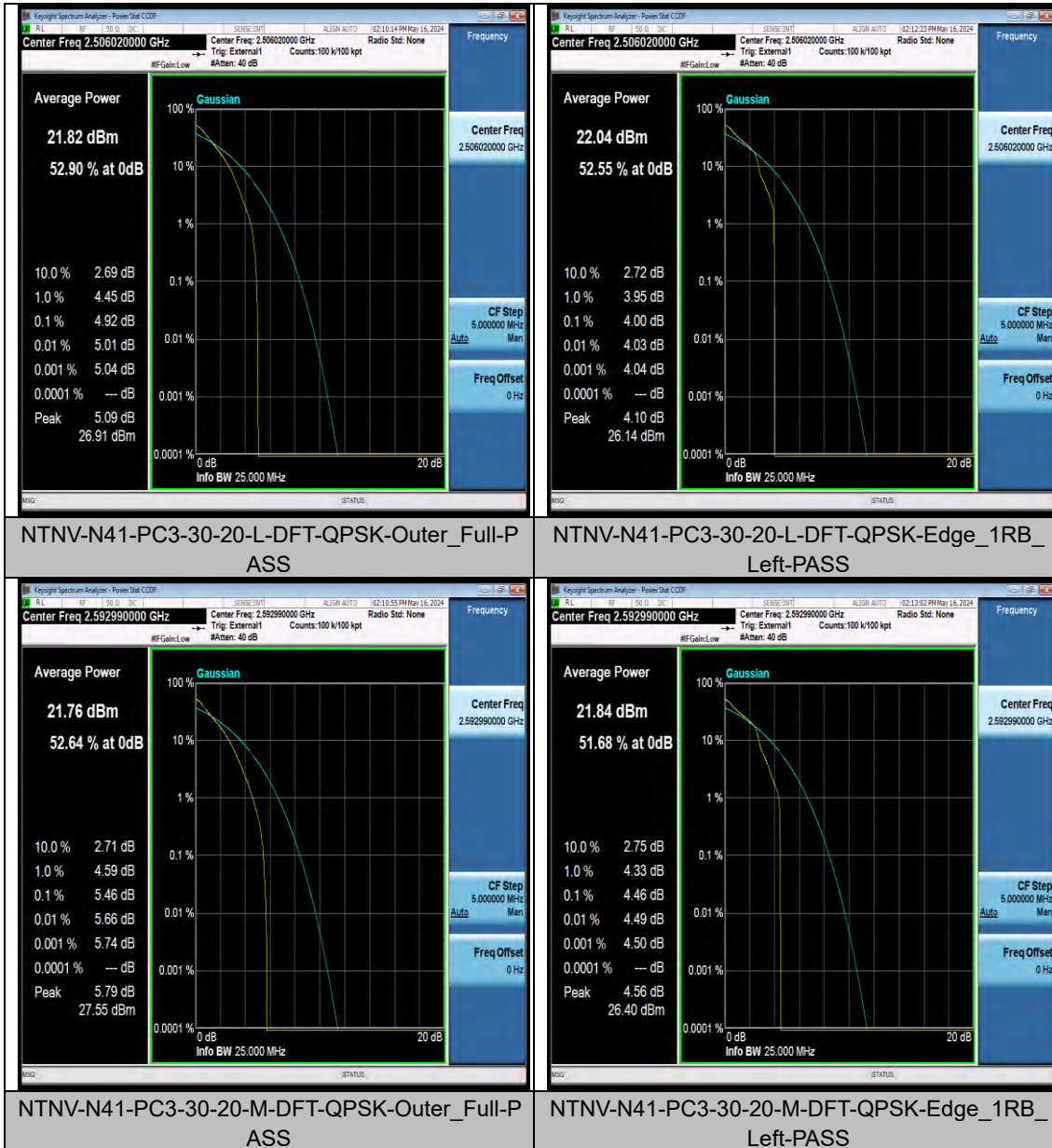
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N41 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	4.92	≤13	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	4.00	≤13	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	5.46	≤13	PASS
N41	30	20	DFT-QPSK	M	Edge_1RB_Left	4.46	≤13	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	4.88	≤13	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Left	3.95	≤13	PASS

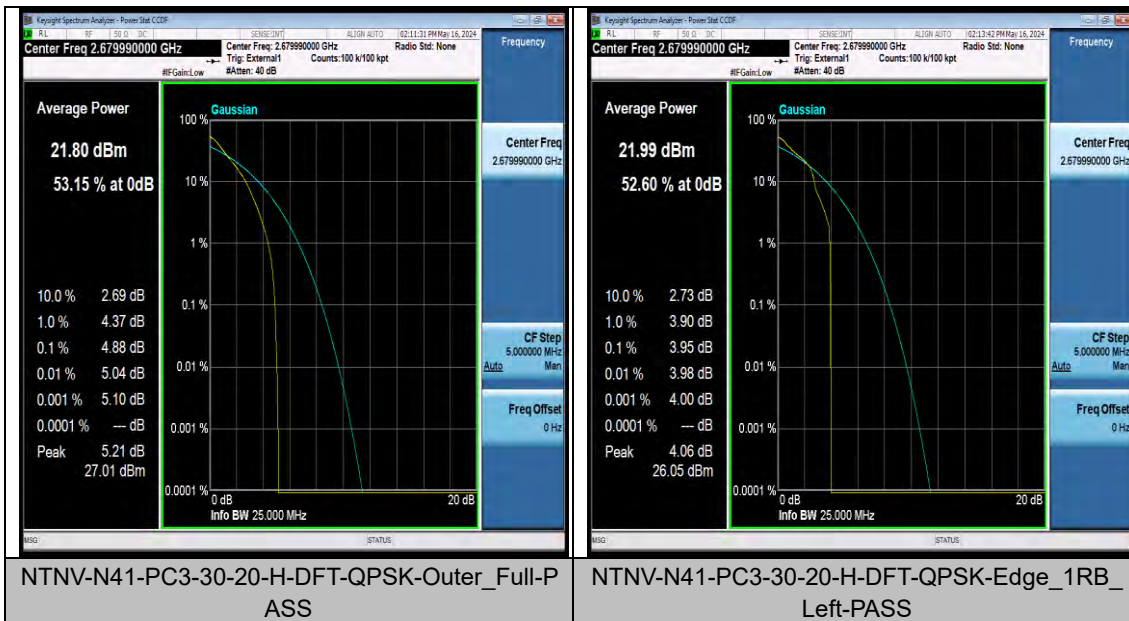
TEST GRAPHS





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Reference No.: W7L-P24090003RF08





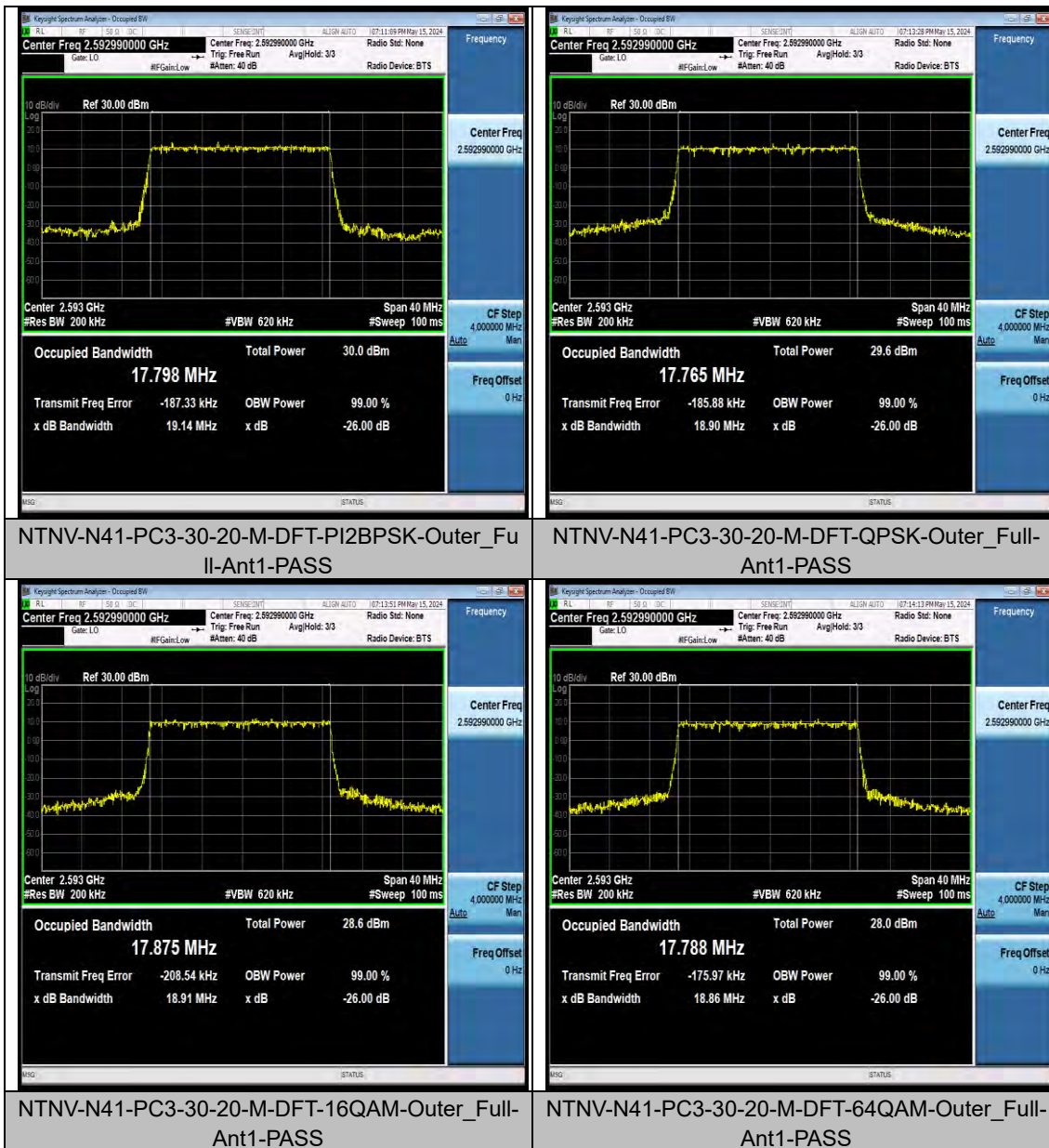
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26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.798	19.14	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.765	18.90	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.875	18.91	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.788	18.86	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.802	18.77	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.758	28.04	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.702	28.08	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.721	28.21	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.744	28.21	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.764	28.16	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.695	37.26	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.715	37.15	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.770	37.43	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.766	37.32	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.742	37.36	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.707	47.46	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.684	47.27	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.706	47.38	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.688	47.61	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.699	47.51	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.835	60.00	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.911	59.85	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.755	59.92	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.769	60.02	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.784	59.97	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.178	66.53	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.253	66.67	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.220	66.69	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.185	66.64	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.156	66.73	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	76.961	79.72	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.075	79.60	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.883	79.61	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.162	79.77	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.037	79.79	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	86.700	89.53	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	86.634	89.60	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	86.868	89.67	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	86.477	89.49	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	86.563	89.55	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.203	99.70	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.376	99.56	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.396	99.48	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.306	99.61	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.244	99.52	PASS

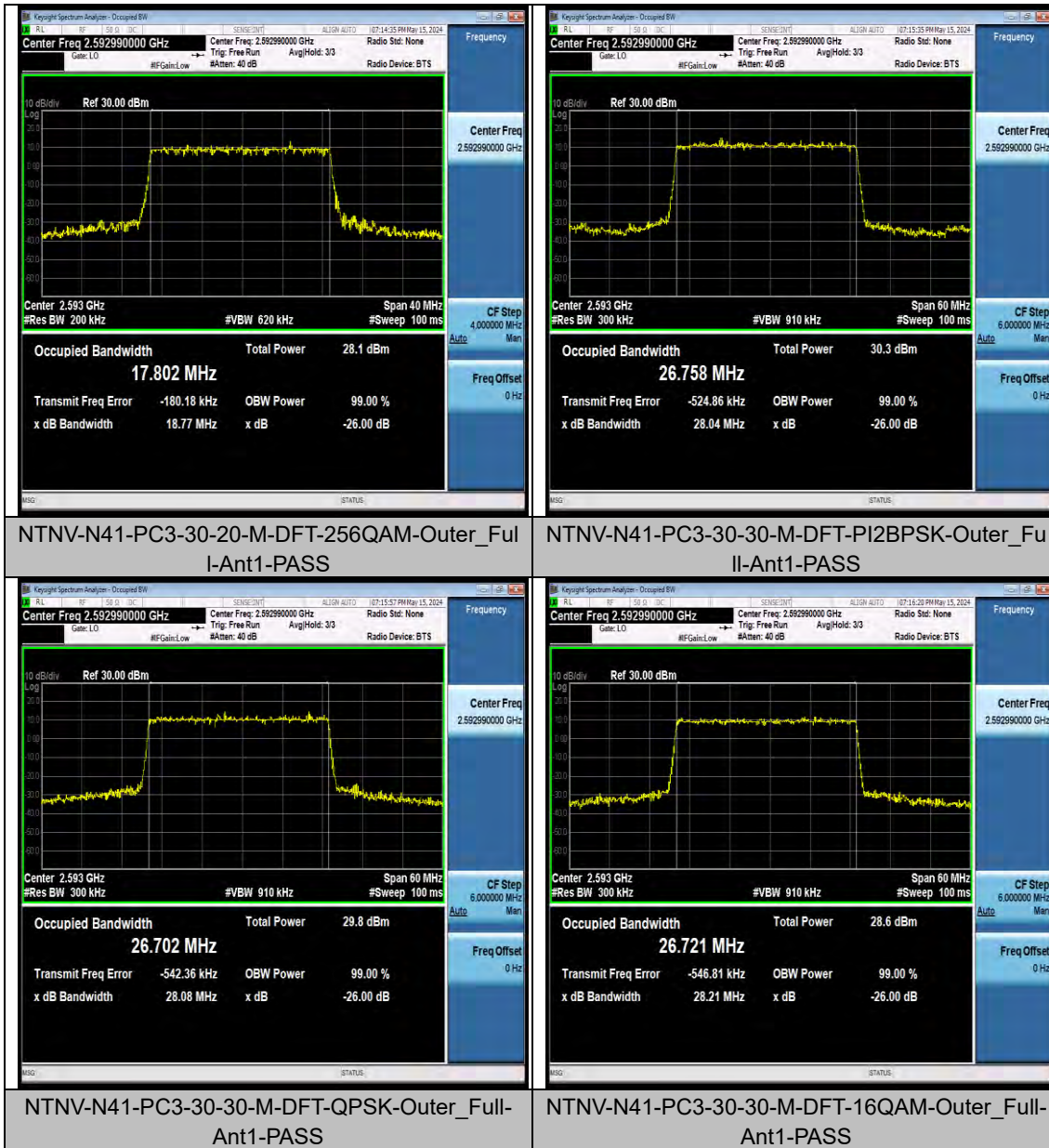
TEST GRAPHS





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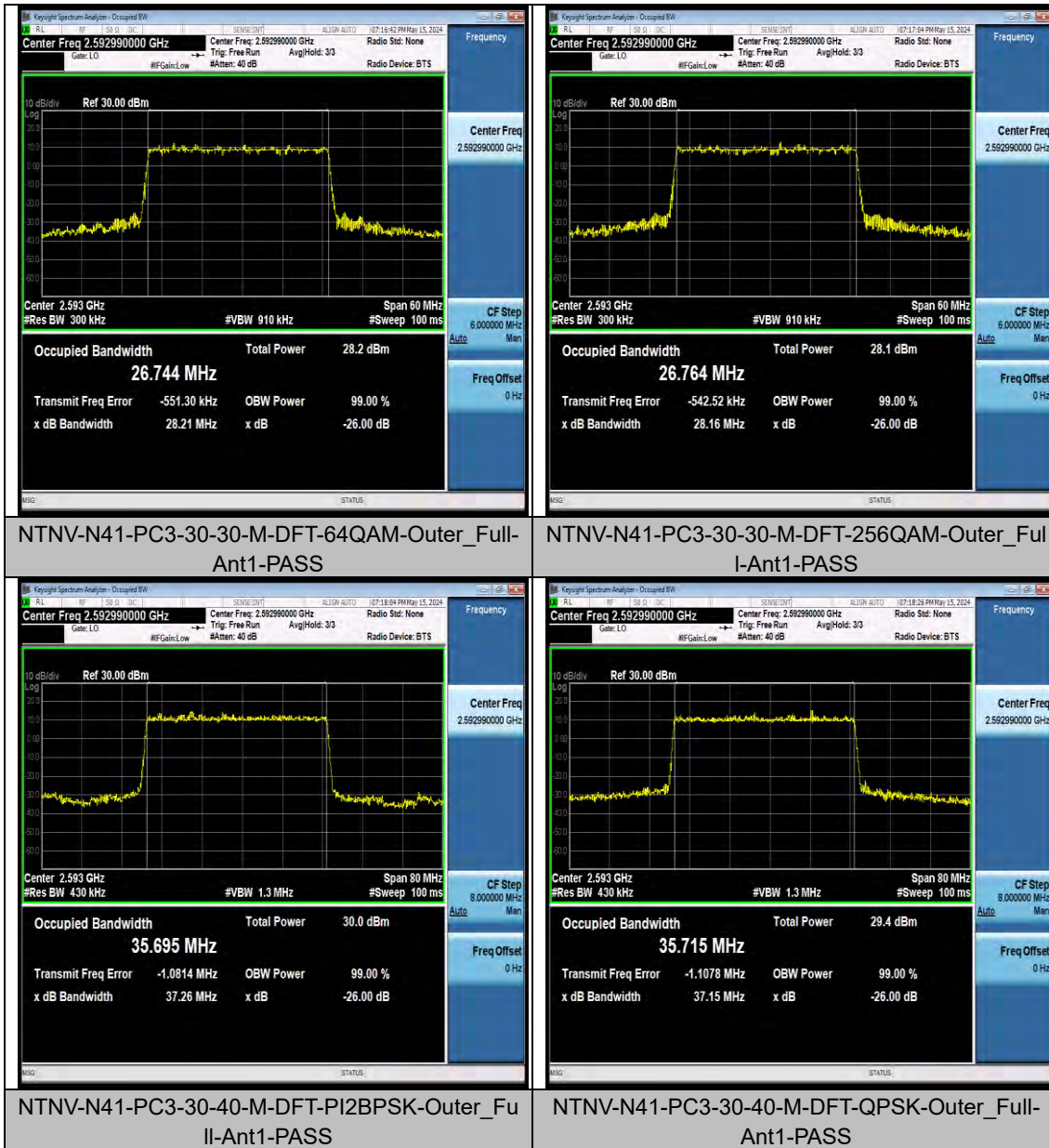
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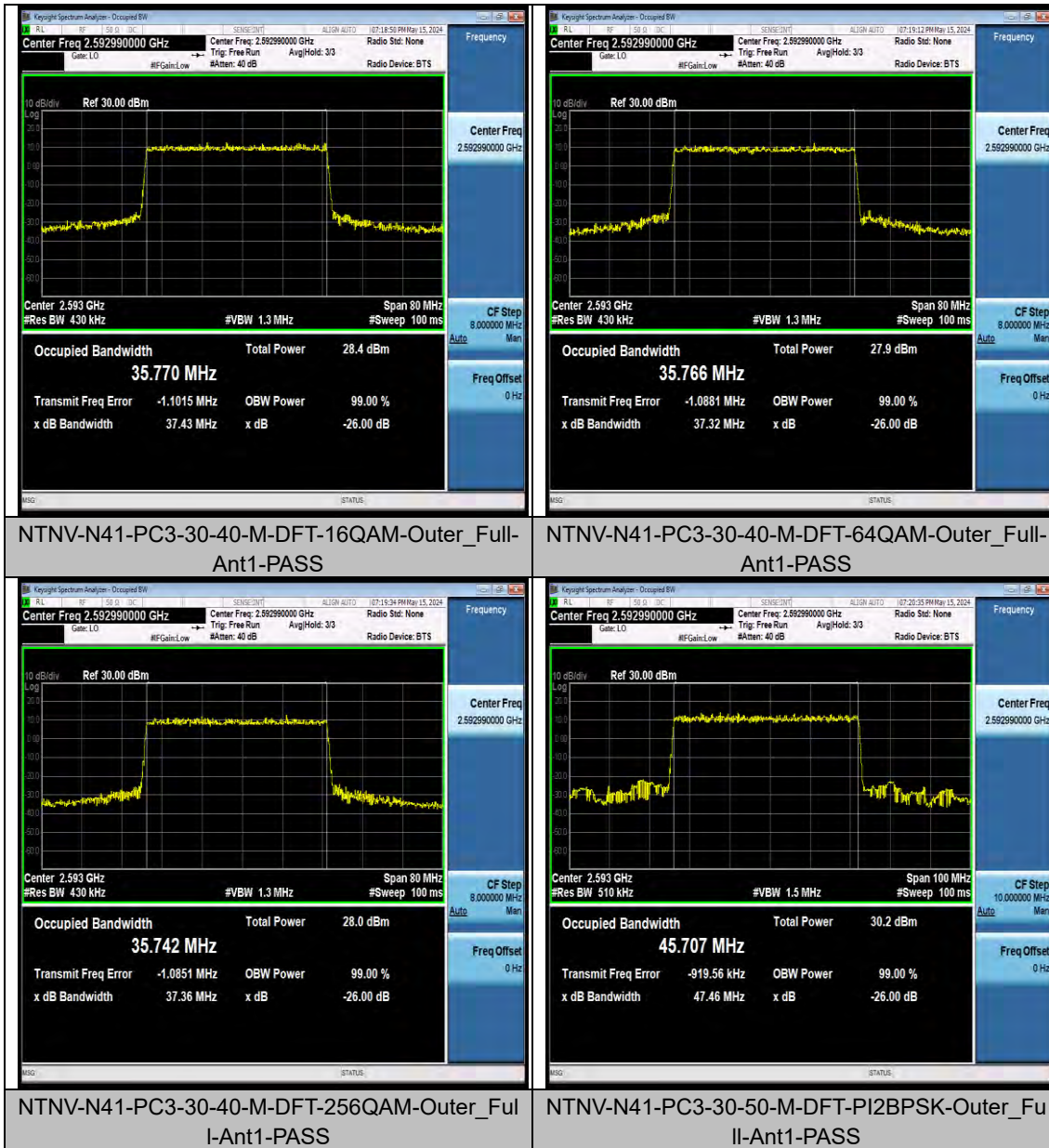
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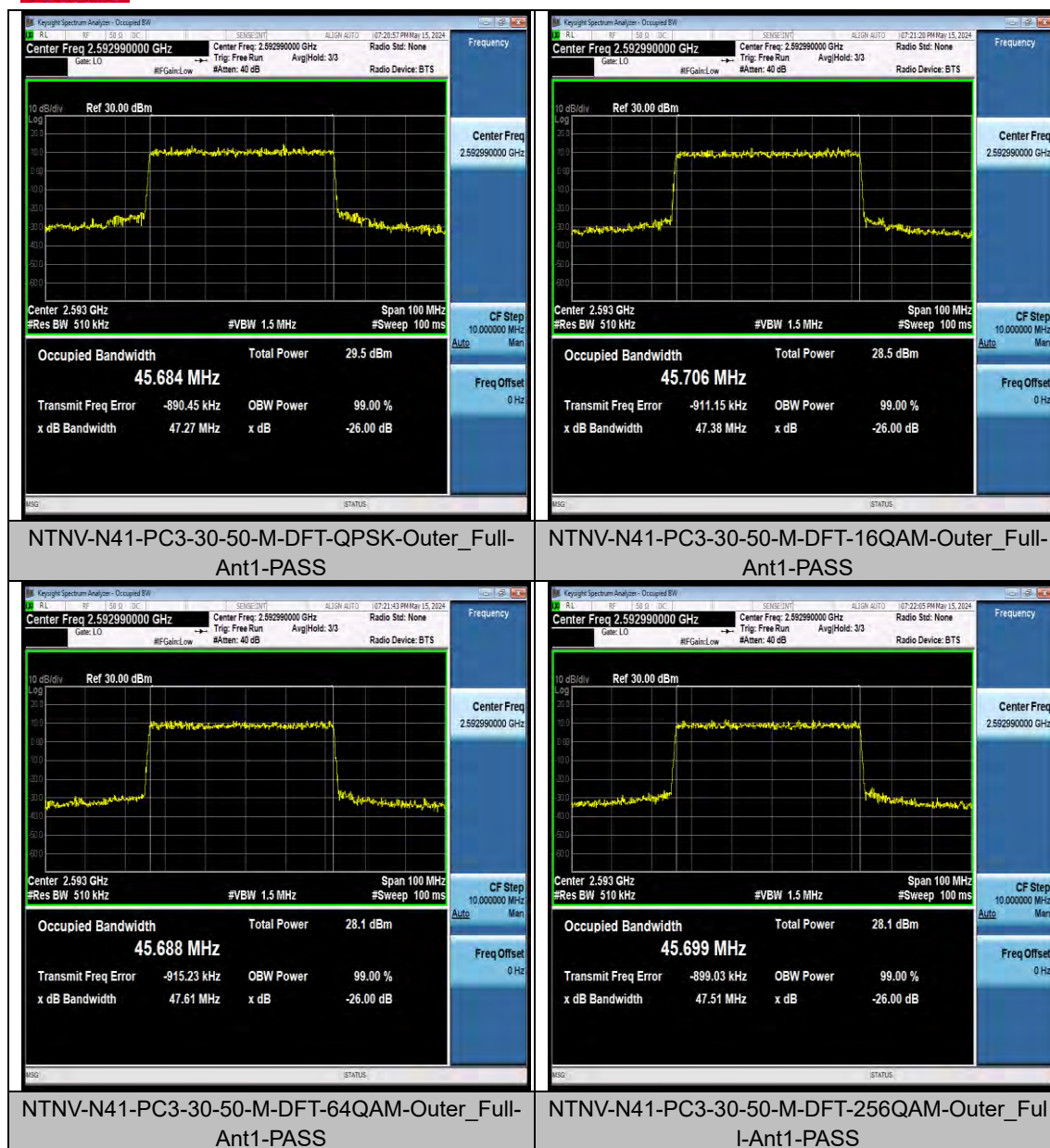
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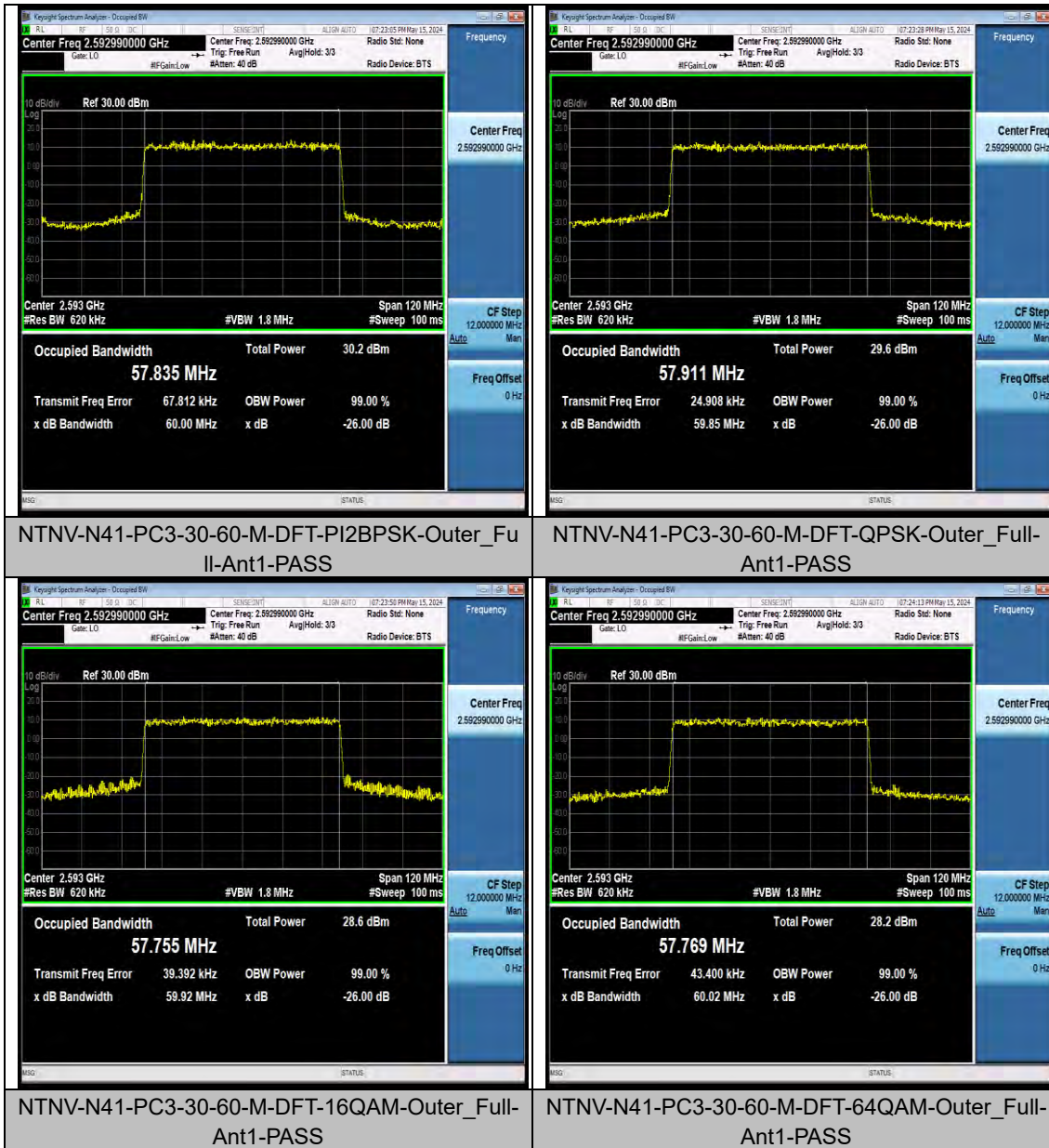
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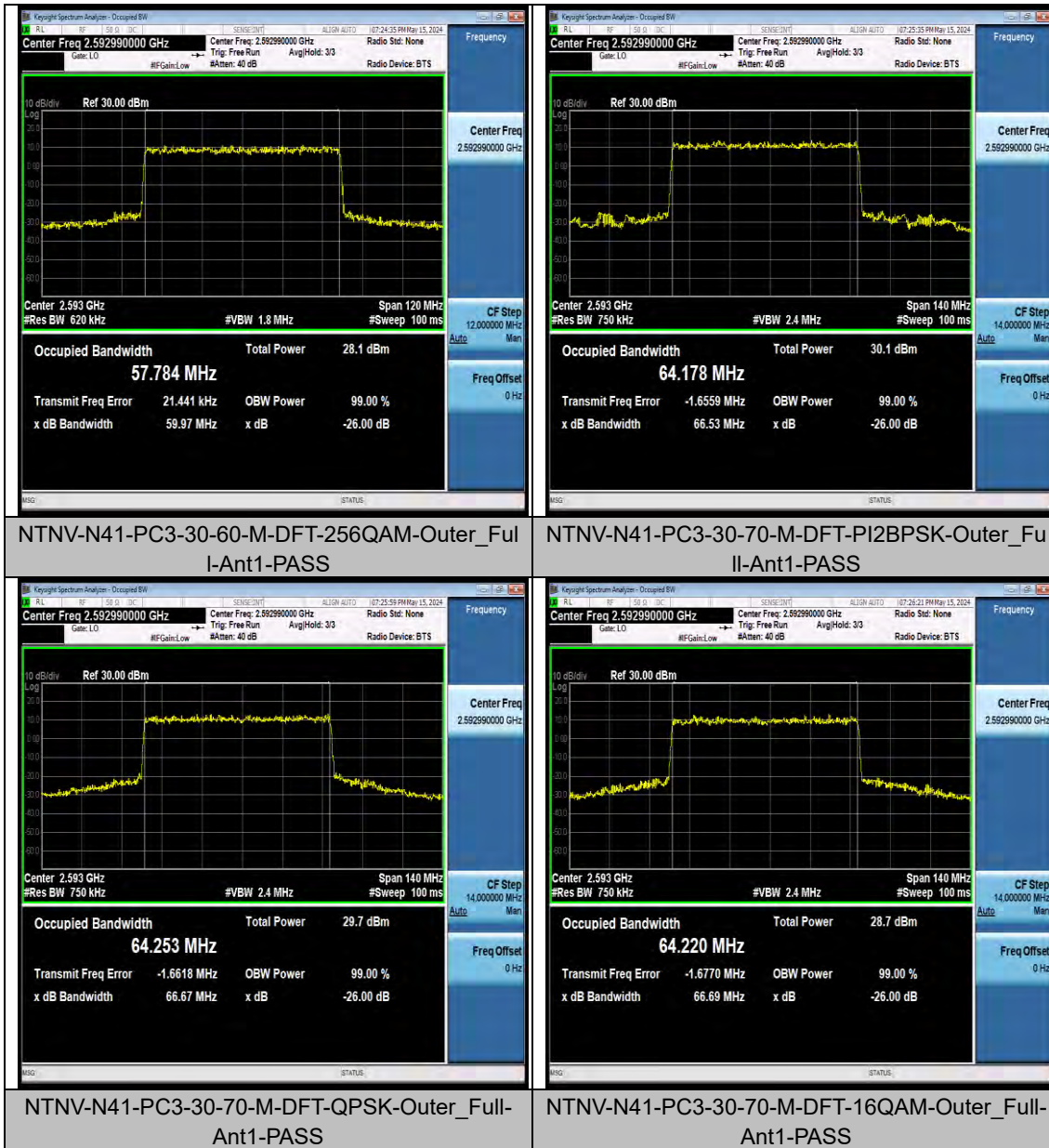
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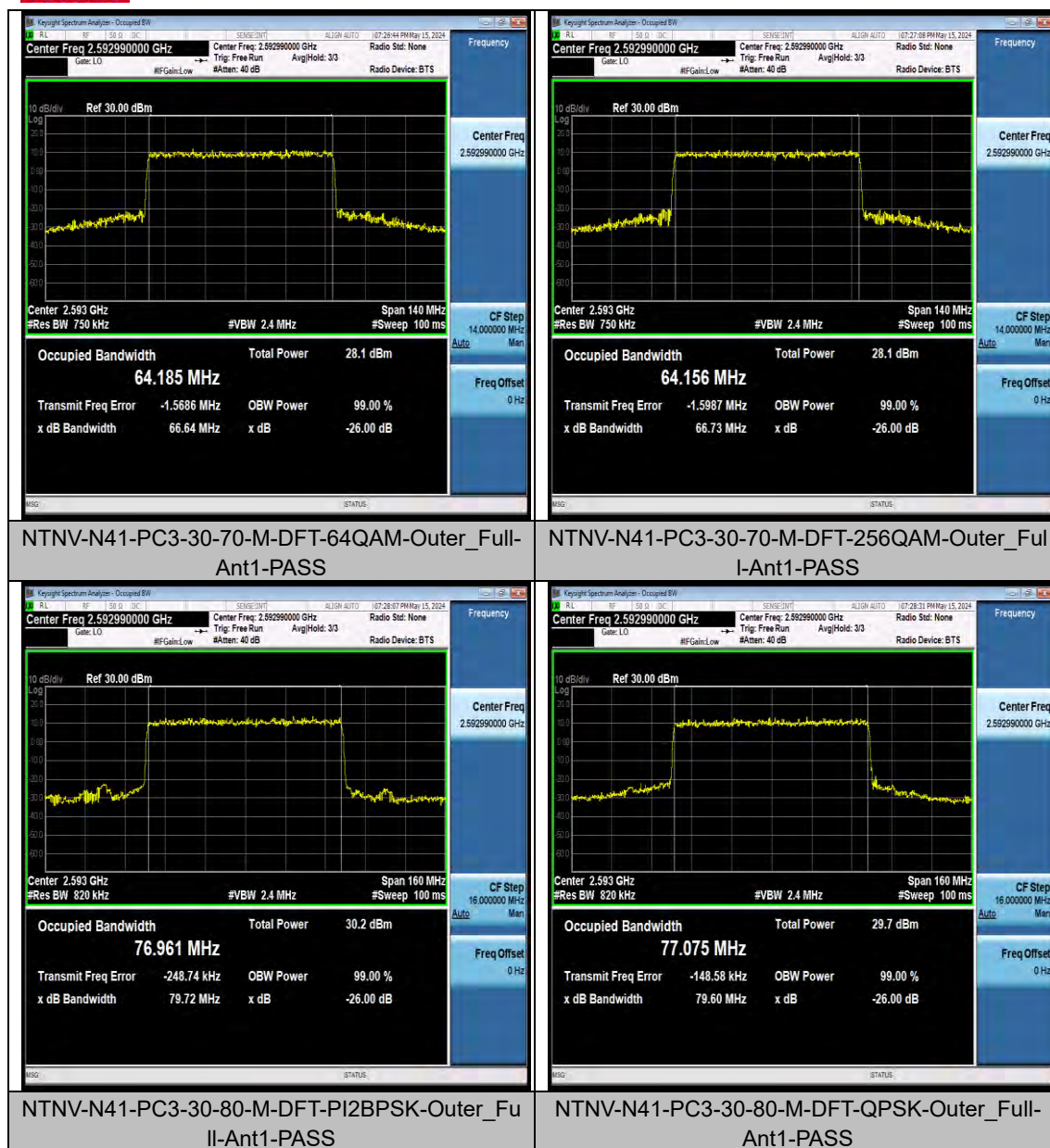
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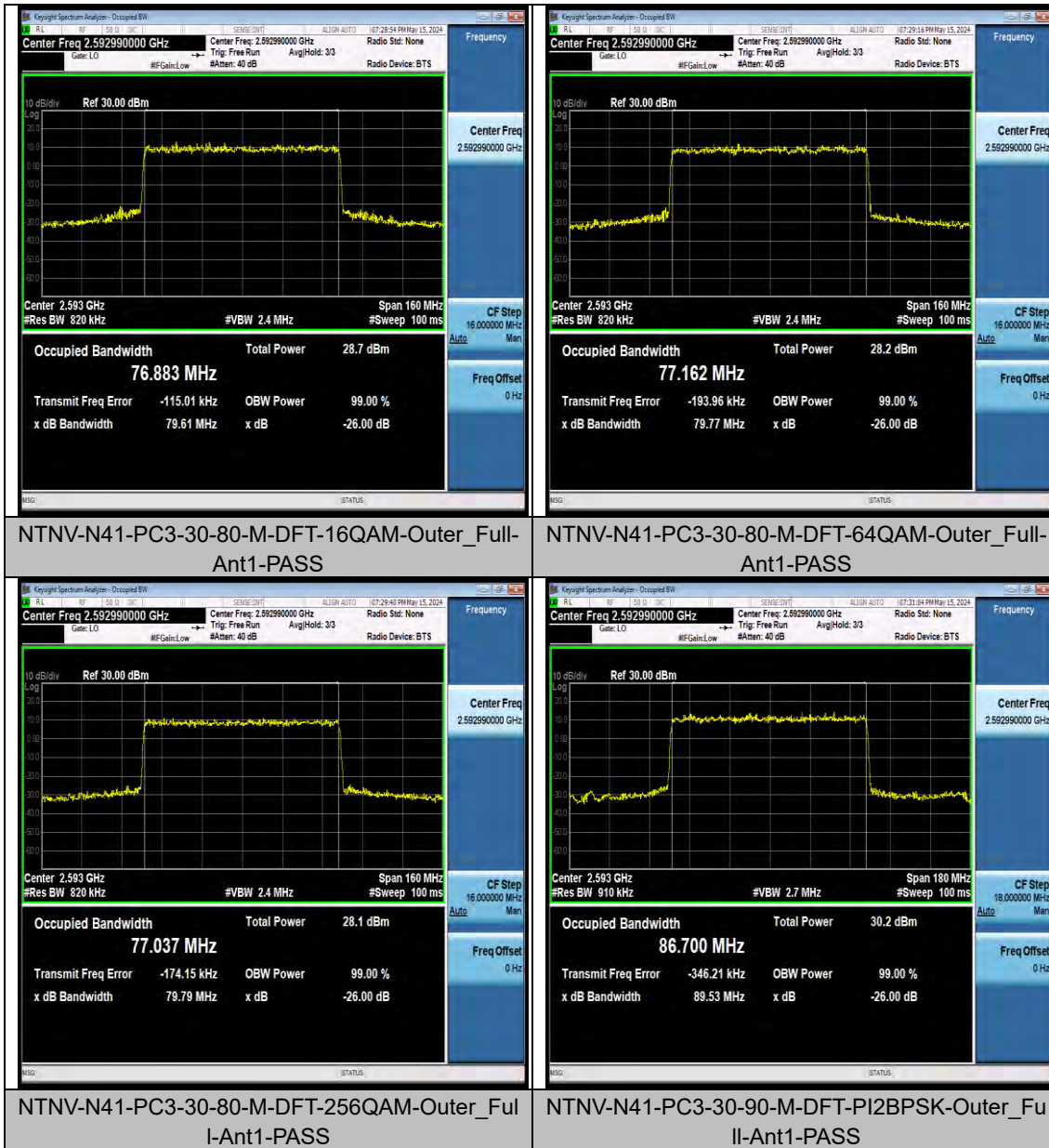
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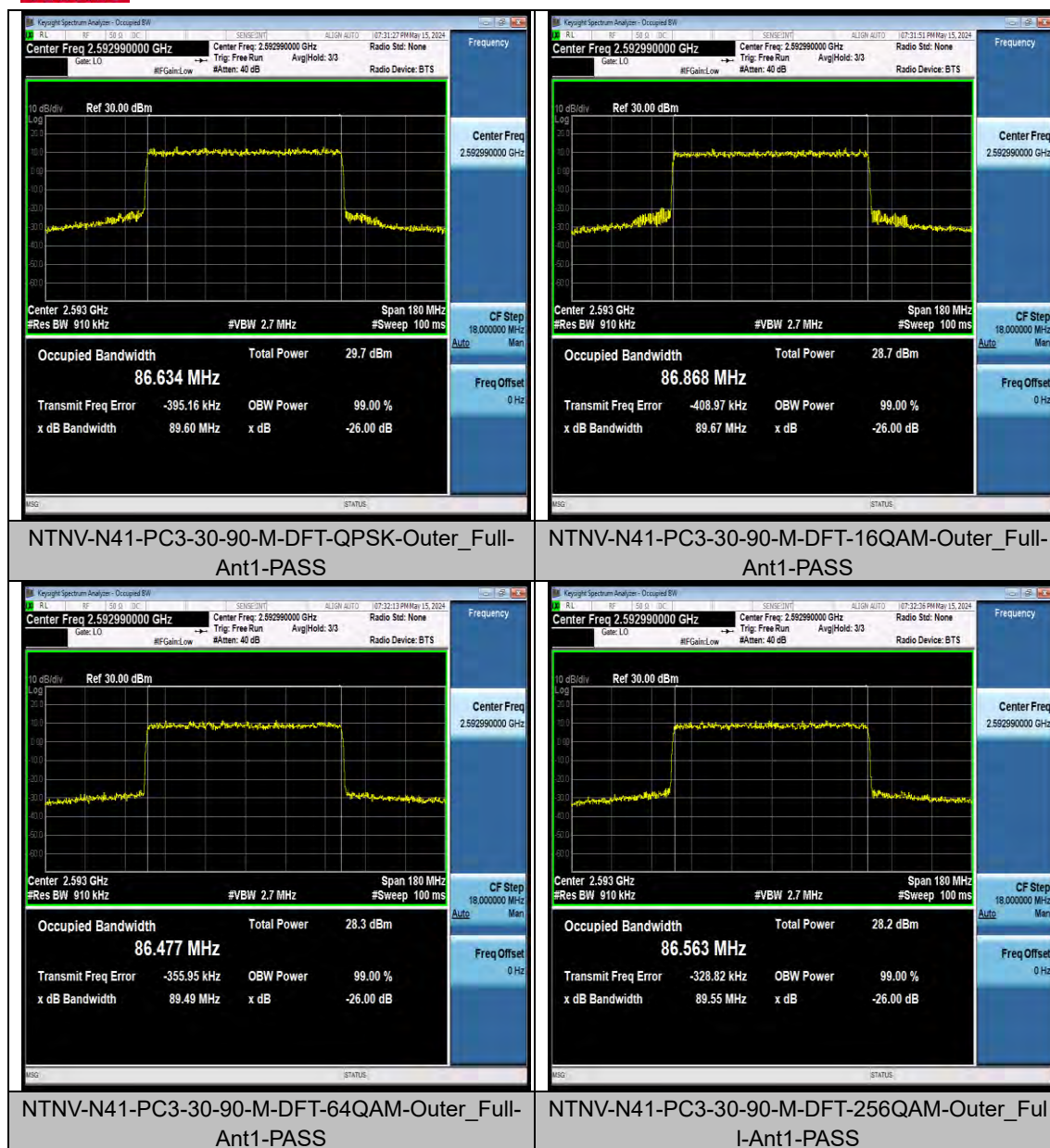
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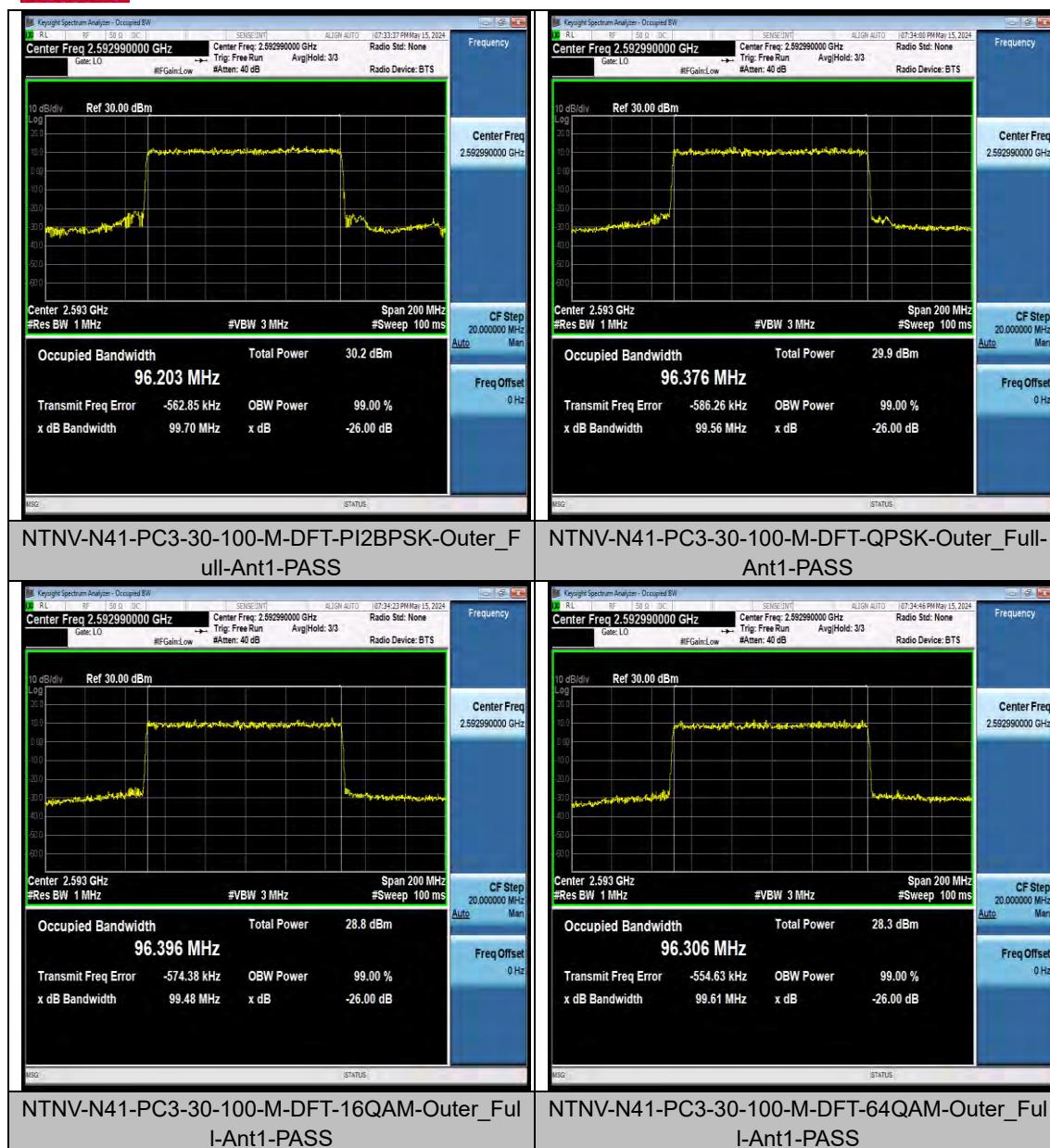


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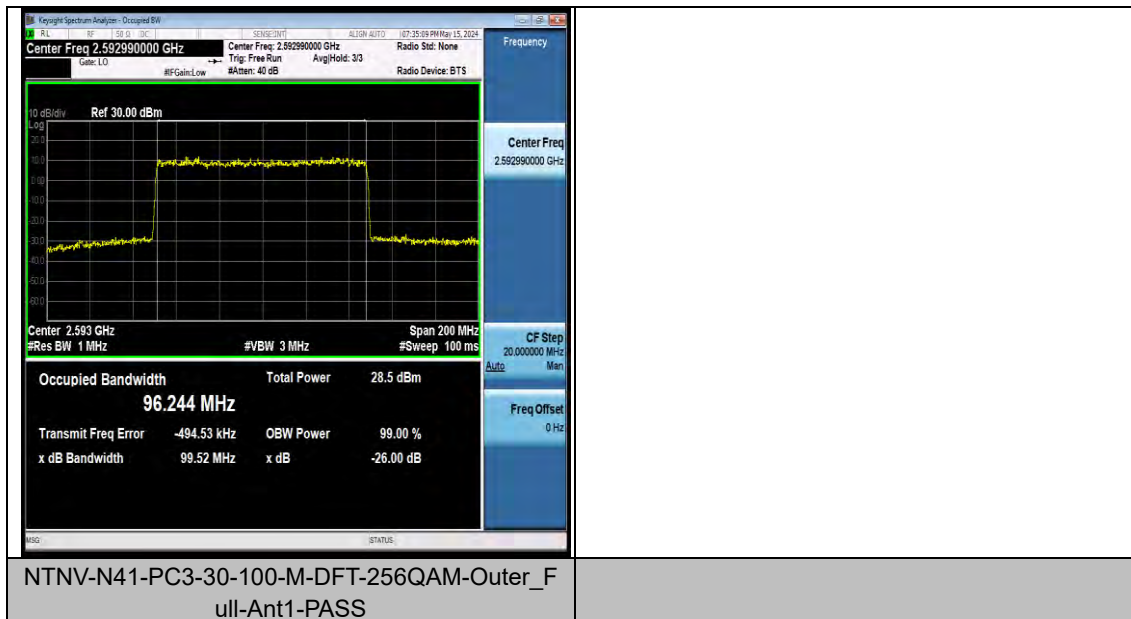
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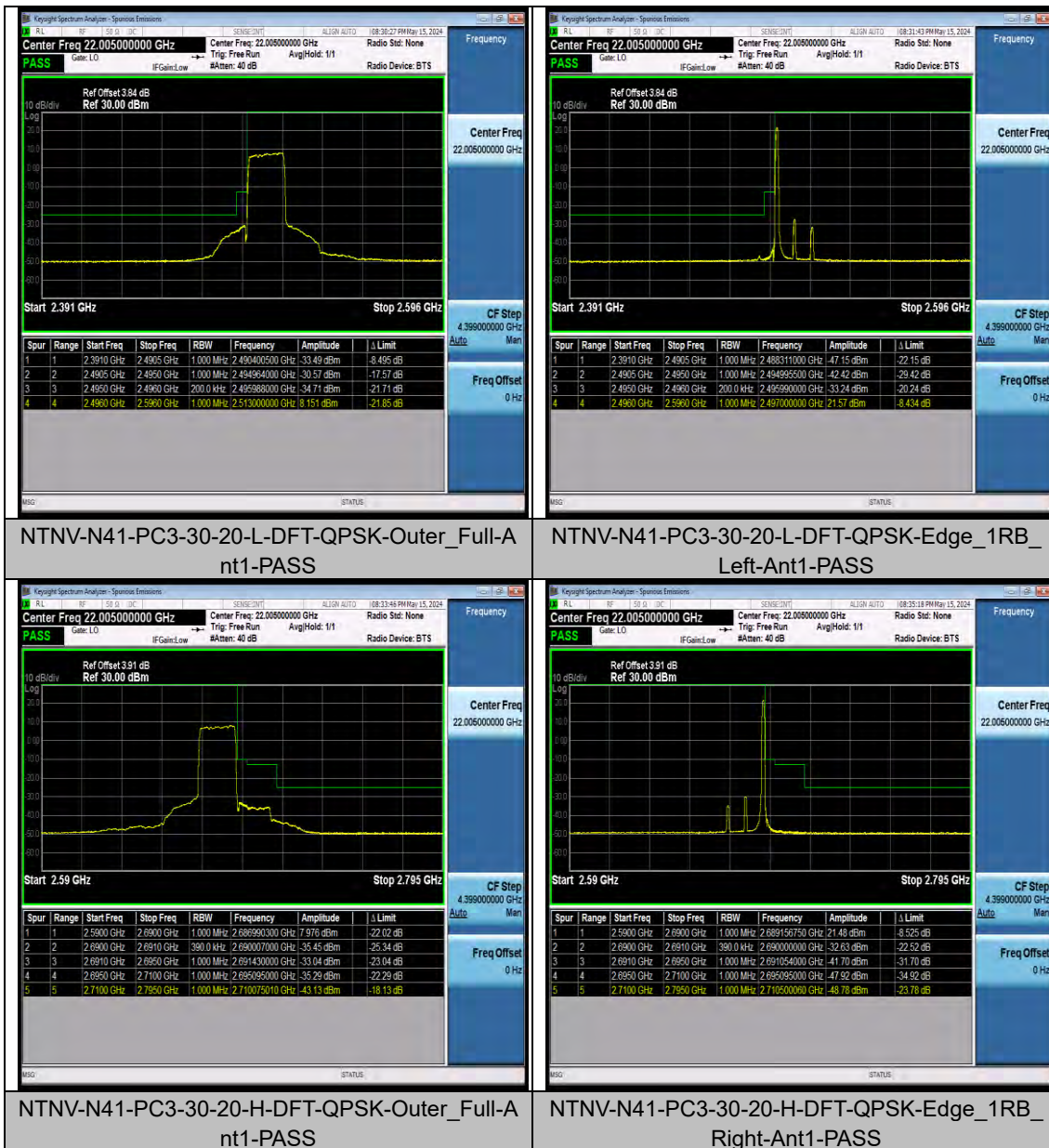
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BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	-33.49	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	-33.24	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	-43.13	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Right	-32.63	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	-36.62	PASS
N41	30	60	DFT-QPSK	L	Edge_1RB_Left	-32.77	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	-41.19	PASS
N41	30	60	DFT-QPSK	H	Edge_1RB_Right	-17.95	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	-36.46	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	-16.37	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	-43.17	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Right	-18.46	PASS

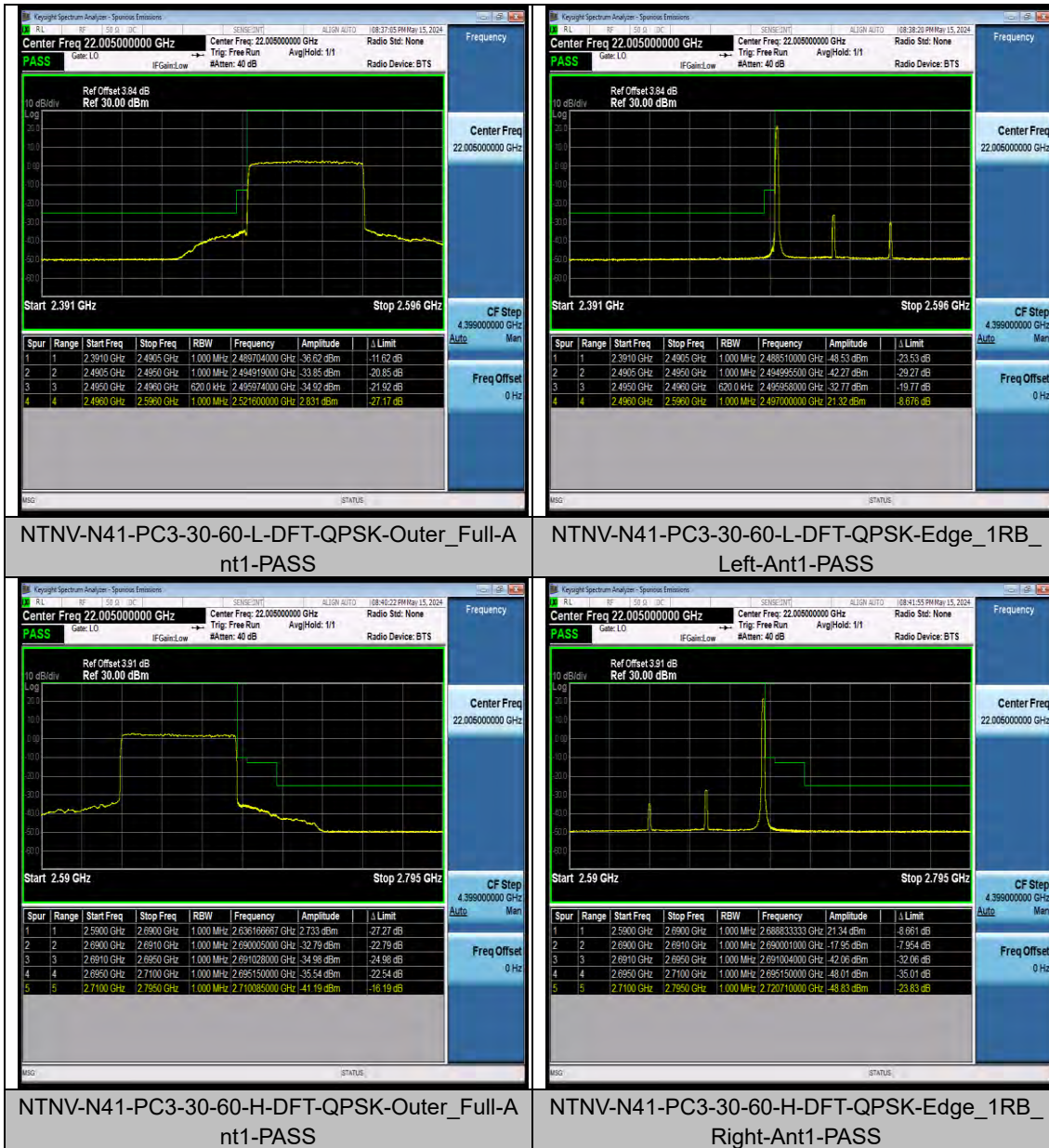
TEST GRAPHS





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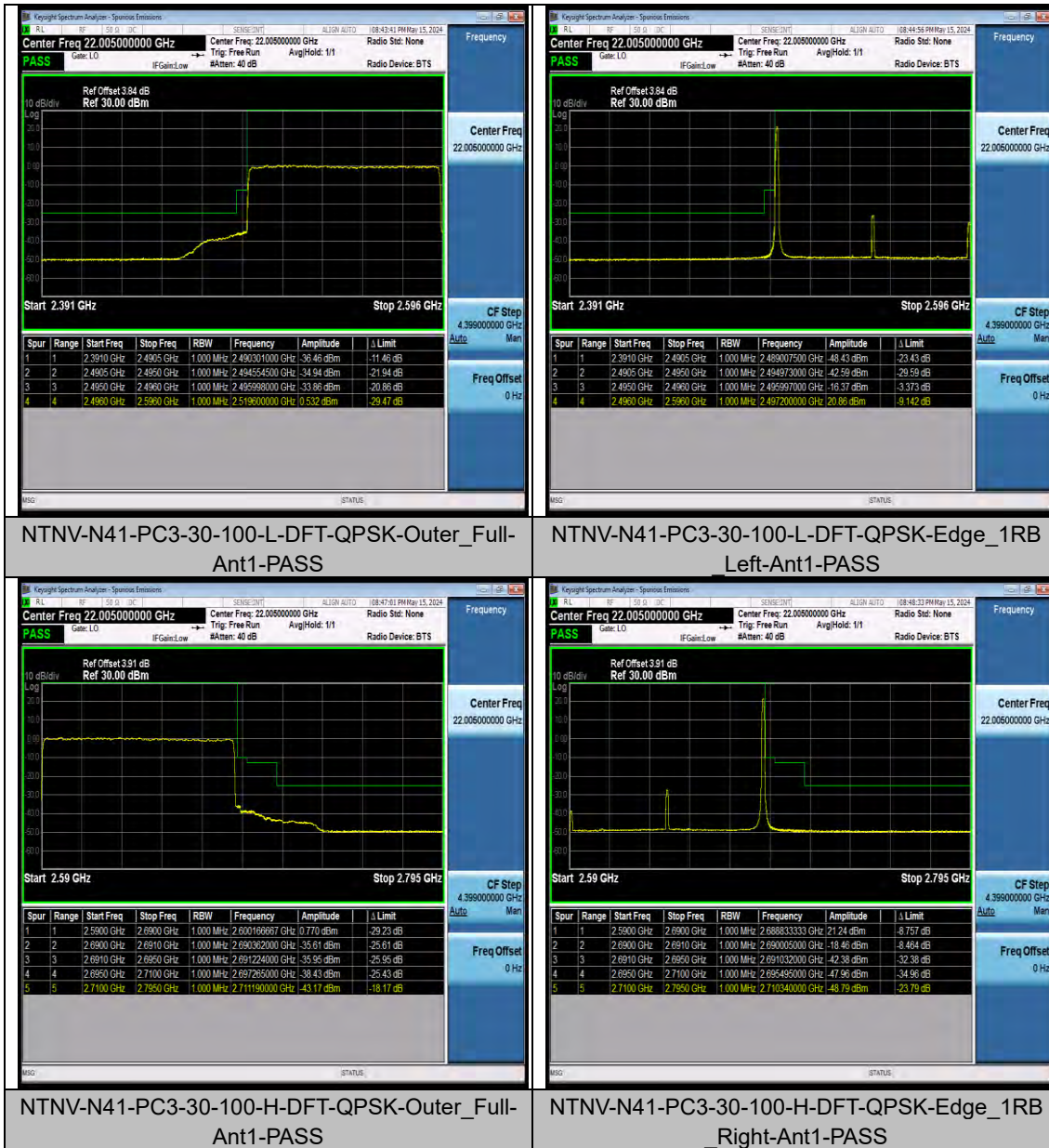
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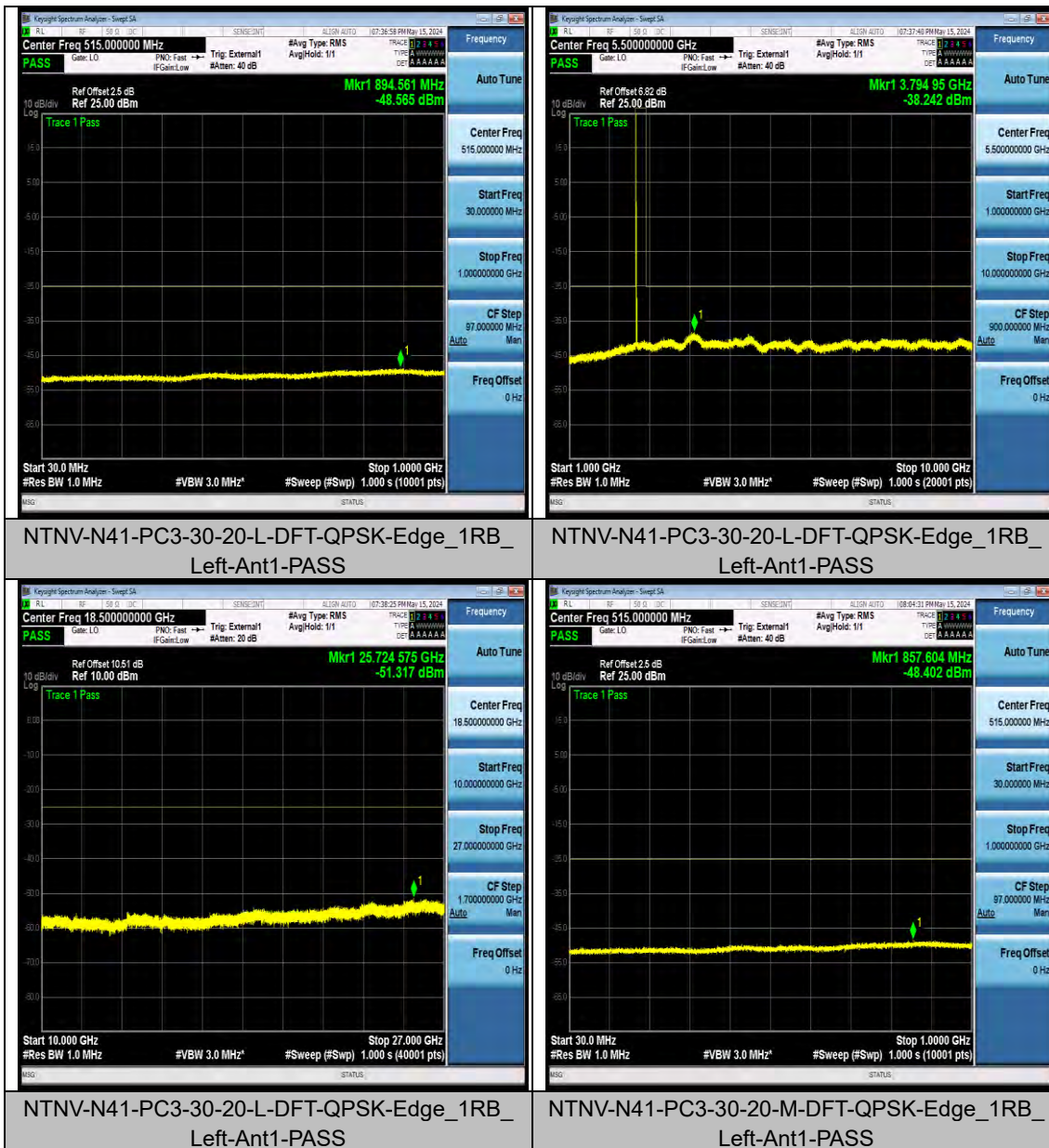


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CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N41	30	20	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.56	-25	PASS
N41	30	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-38.24	-25	PASS
N41	30	20	DFT-QPSK	L	Edge 1RB Left	10000	27000	-51.32	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.40	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.09	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.36	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.48	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.05	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	10000	27000	-50.86	-25	PASS
N41	30	60	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.59	-25	PASS
N41	30	60	DFT-QPSK	M	Edge 1RB Left	1000	10000	-37.87	-25	PASS
N41	30	60	DFT-QPSK	M	Edge 1RB Left	10000	27000	-51.25	-25	PASS
N41	30	60	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.62	-25	PASS
N41	30	60	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.41	-25	PASS
N41	30	60	DFT-QPSK	H	Edge 1RB Left	10000	27000	-50.87	-25	PASS
N41	30	100	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.54	-25	PASS
N41	30	100	DFT-QPSK	L	Edge 1RB Left	1000	10000	-37.94	-25	PASS
N41	30	100	DFT-QPSK	L	Edge 1RB Left	10000	27000	-51.14	-25	PASS
N41	30	100	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.47	-25	PASS
N41	30	100	DFT-QPSK	M	Edge 1RB Left	1000	10000	-38.37	-25	PASS
N41	30	100	DFT-QPSK	M	Edge 1RB Left	10000	27000	-50.85	-25	PASS
N41	30	100	DFT-QPSK	H	Edge 1RB Left	30	1000	-47.98	-25	PASS
N41	30	100	DFT-QPSK	H	Edge 1RB Left	1000	10000	-38.26	-25	PASS
N41	30	100	DFT-QPSK	H	Edge 1RB Left	10000	27000	-51.28	-25	PASS

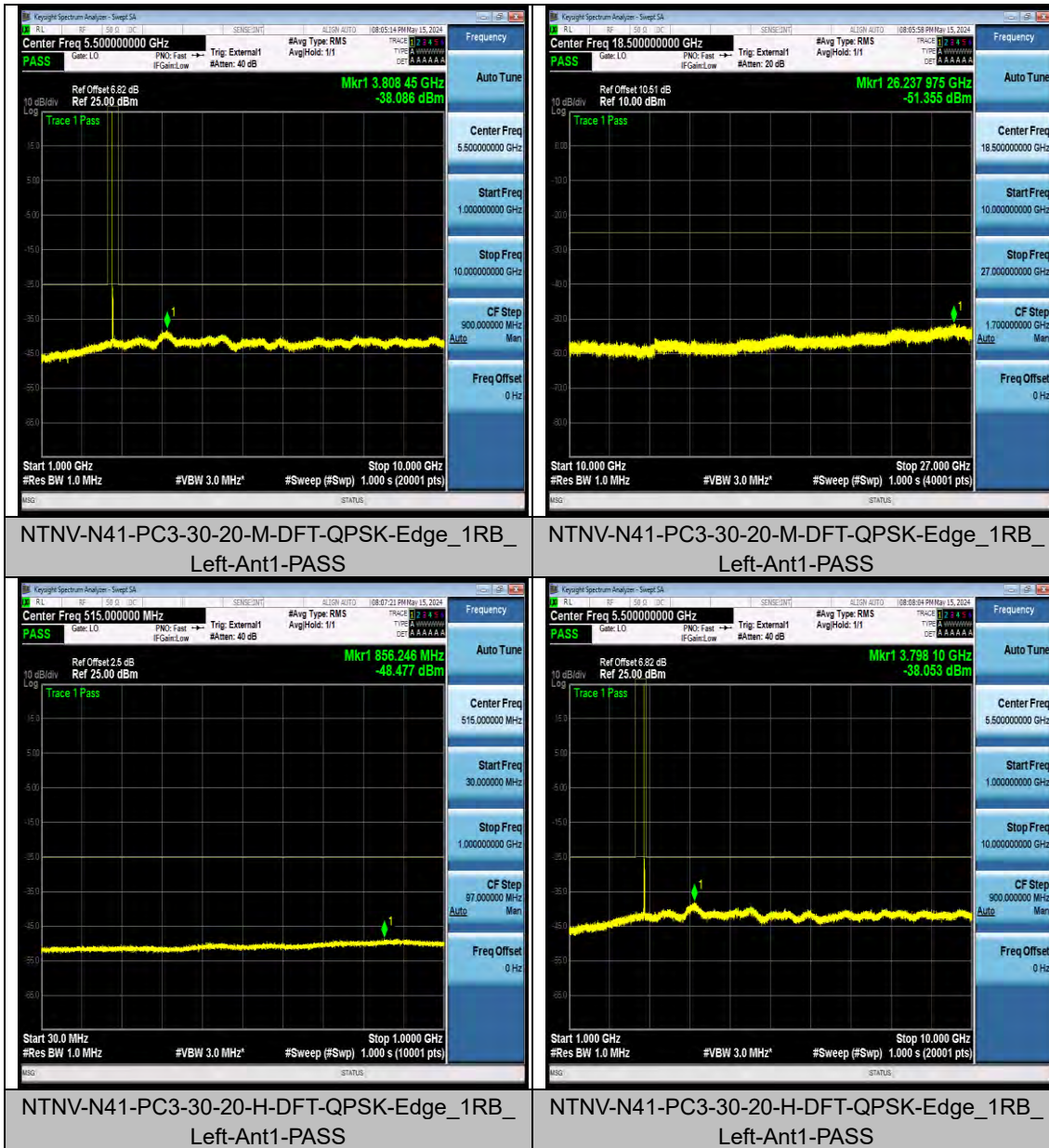
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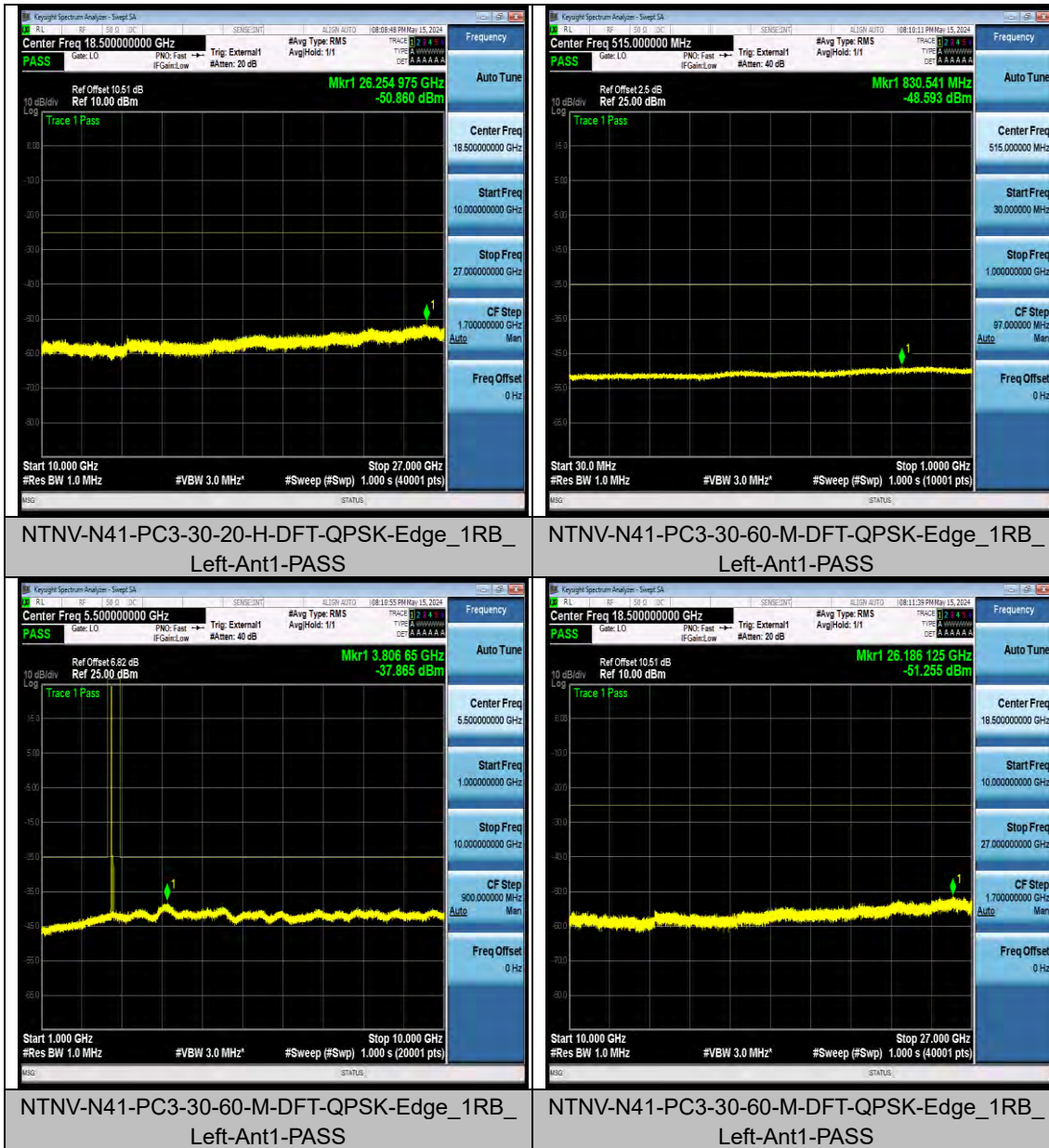
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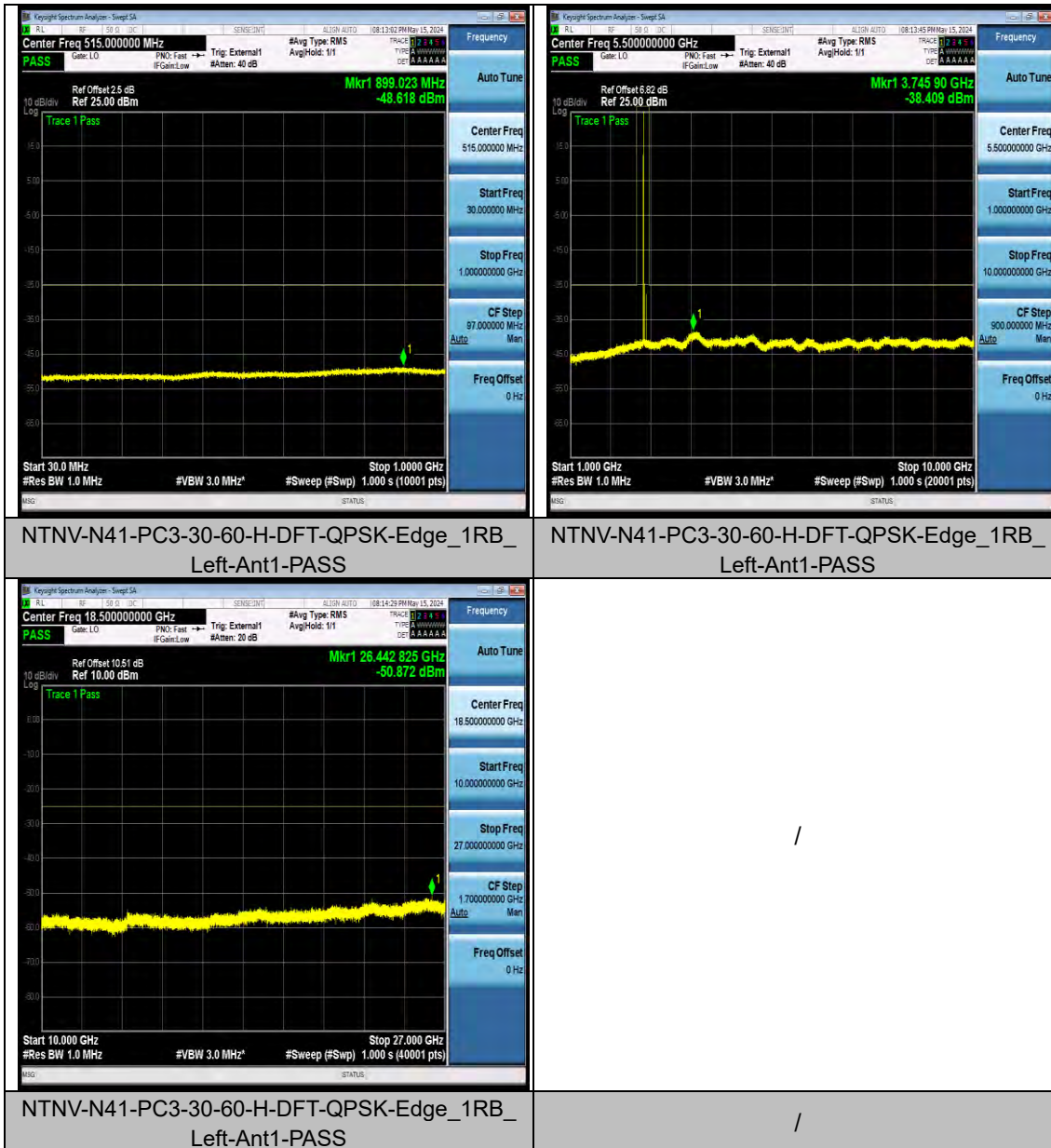
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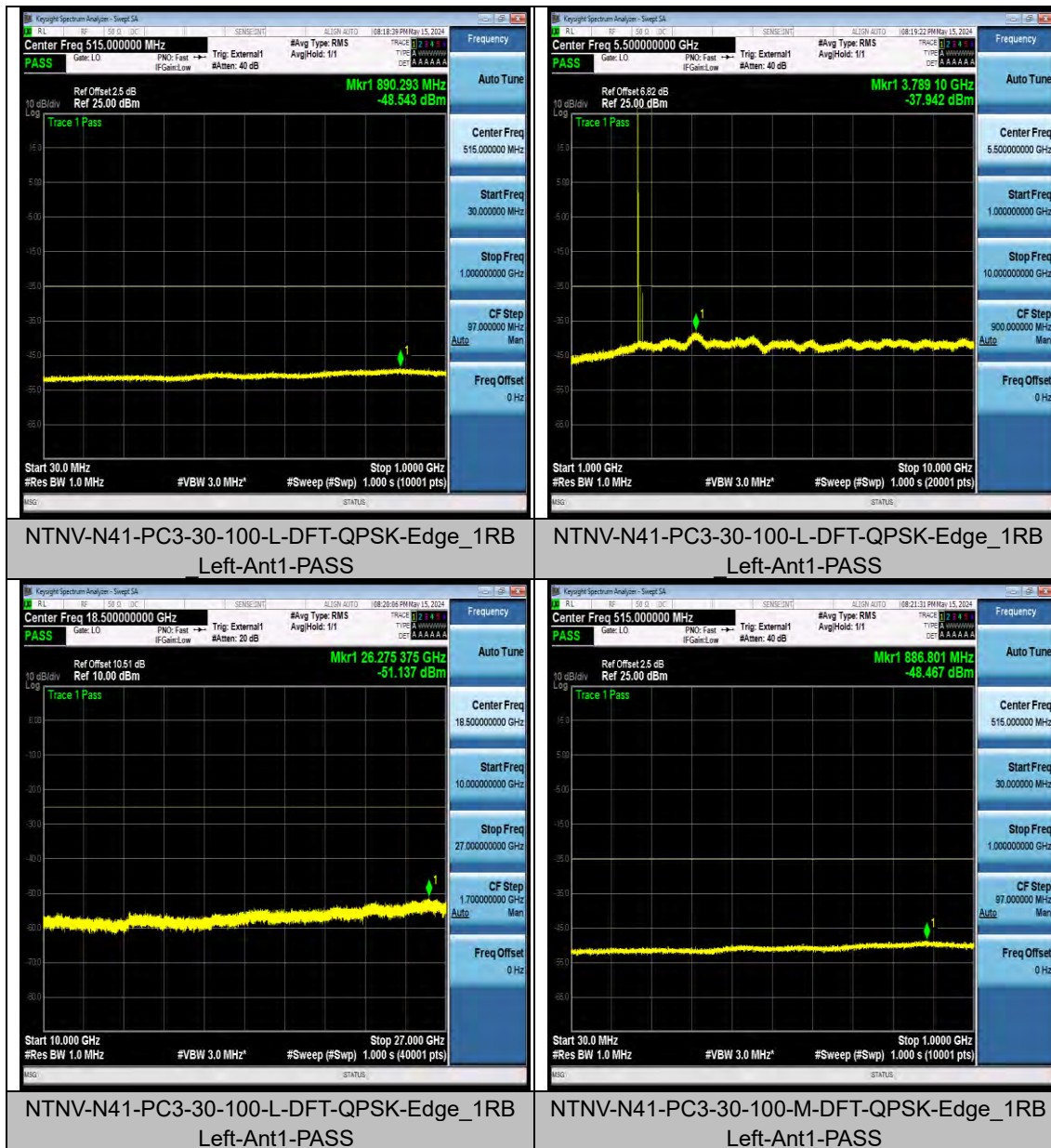
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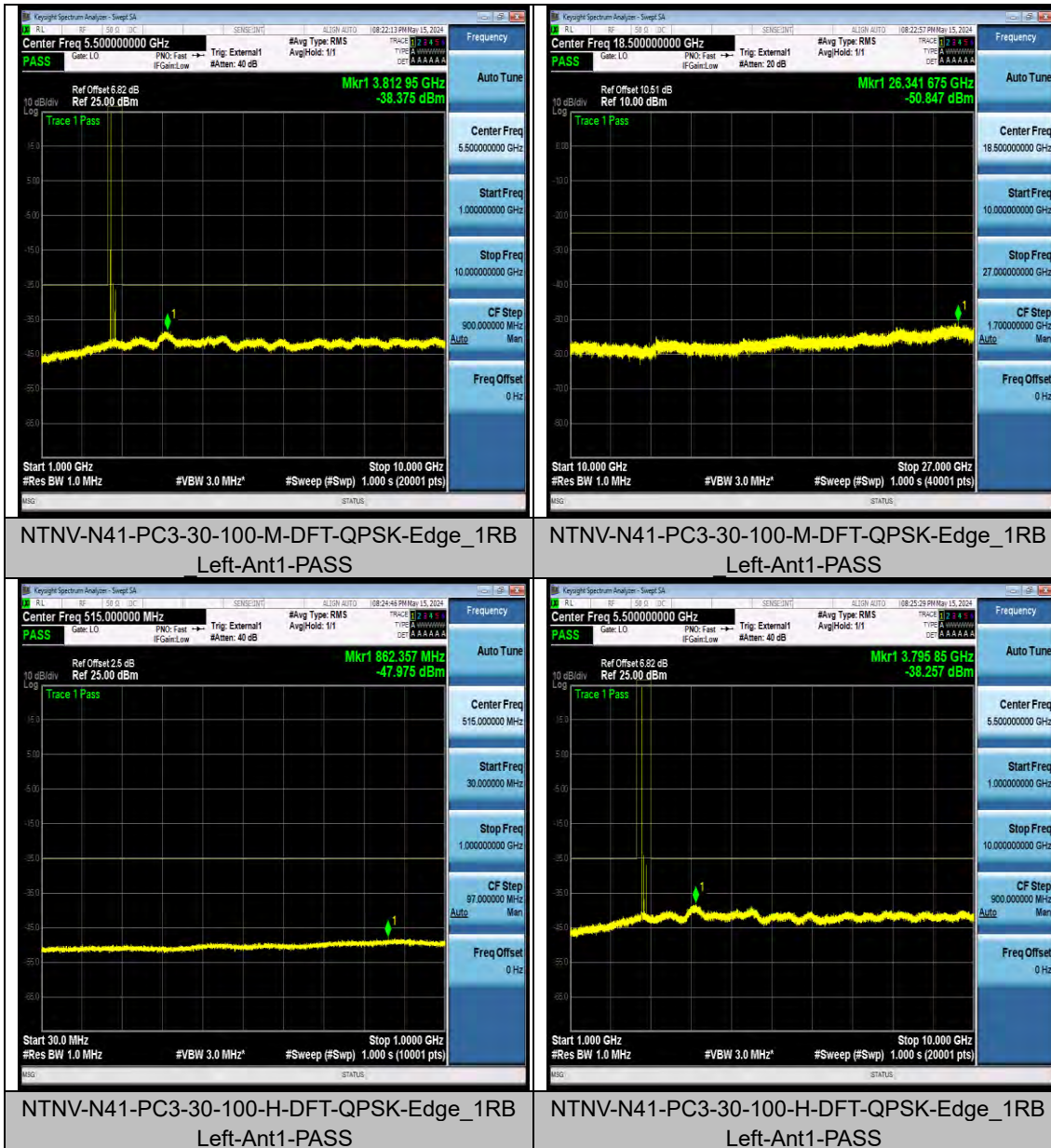
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VERITAS

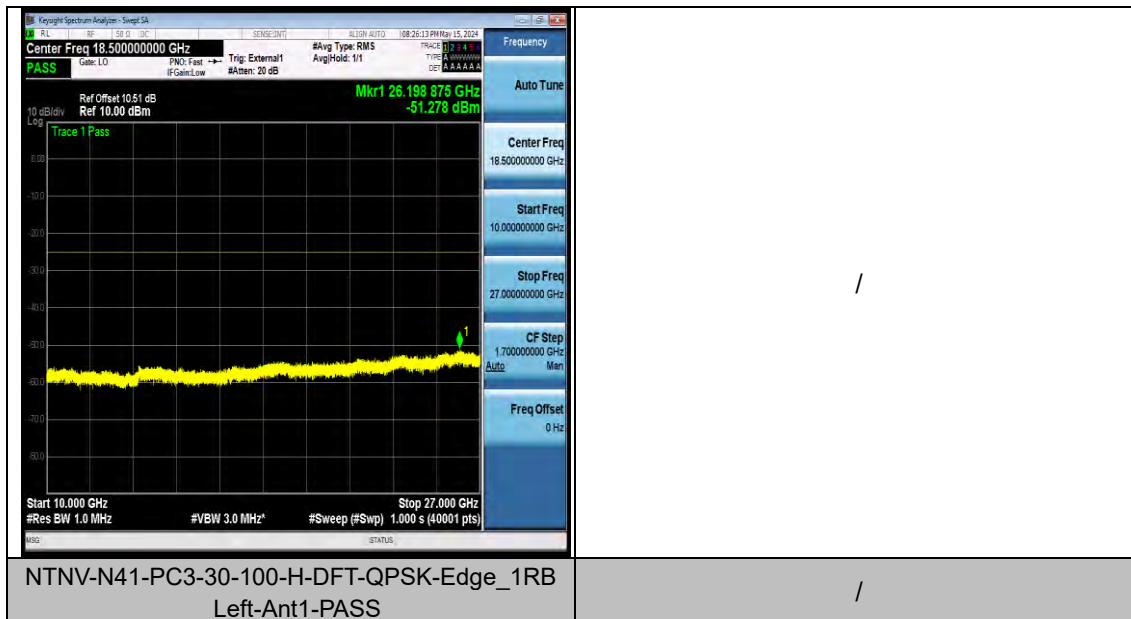
Reference No.: W7L-P24090003RF08





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FREQUENCY STABILITY FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Fu II	VL	NT	6.00	0.002394	2501.2657	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	VN	NT	8.00	0.003192	2501.2341	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	VH	NT	15.00	0.005986	2501.5643	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	-30	7.00	0.002793	2501.3841	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	-20	17.00	0.006784	2501.5717	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	-10	16.00	0.006385	2501.5752	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	0	18.00	0.007183	2501.2418	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	10	6.00	0.002394	2501.4777	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	20	4.00	0.001596	2501.3719	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	30	4.00	0.001596	2501.2553	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	40	15.00	0.005986	2501.5555	---	2496-2490	PASS
N41	30	20	DFT-QPSK	L	Outer_Fu II	NV	50	13.00	0.005188	2501.4634	---	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	VL	NT	12.00	0.004478	---	2684.7313	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	VN	NT	7.00	0.002612	---	2684.6764	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	VH	NT	17.00	0.006343	---	2684.6549	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	NV	-30	4.00	0.001493	---	2684.7005	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	NV	-20	9.00	0.003358	---	2684.7014	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	NV	-10	1.00	0.000373	---	2684.6573	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	NV	0	11.00	0.004104	---	2684.6368	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	NV	10	10.00	0.003731	---	2684.6846	2496-2490	PASS
N41	30	20	DFT-QPSK	H	Outer_Fu II	NV	20	2.00	0.000746	---	2684.6630	2496-2490	PASS