



BUREAU
VERITAS

Reference No.: W7L-240430W002RF01

			SK		ull			0	399		239	915	
N25	15	20	DFT-QP SK	H	Outer_F ull	NV	50	19.0 0	0.009 974	---	1914.7 396	1850-1 915	PASS



Reference No.: W7L-240430W002RF01

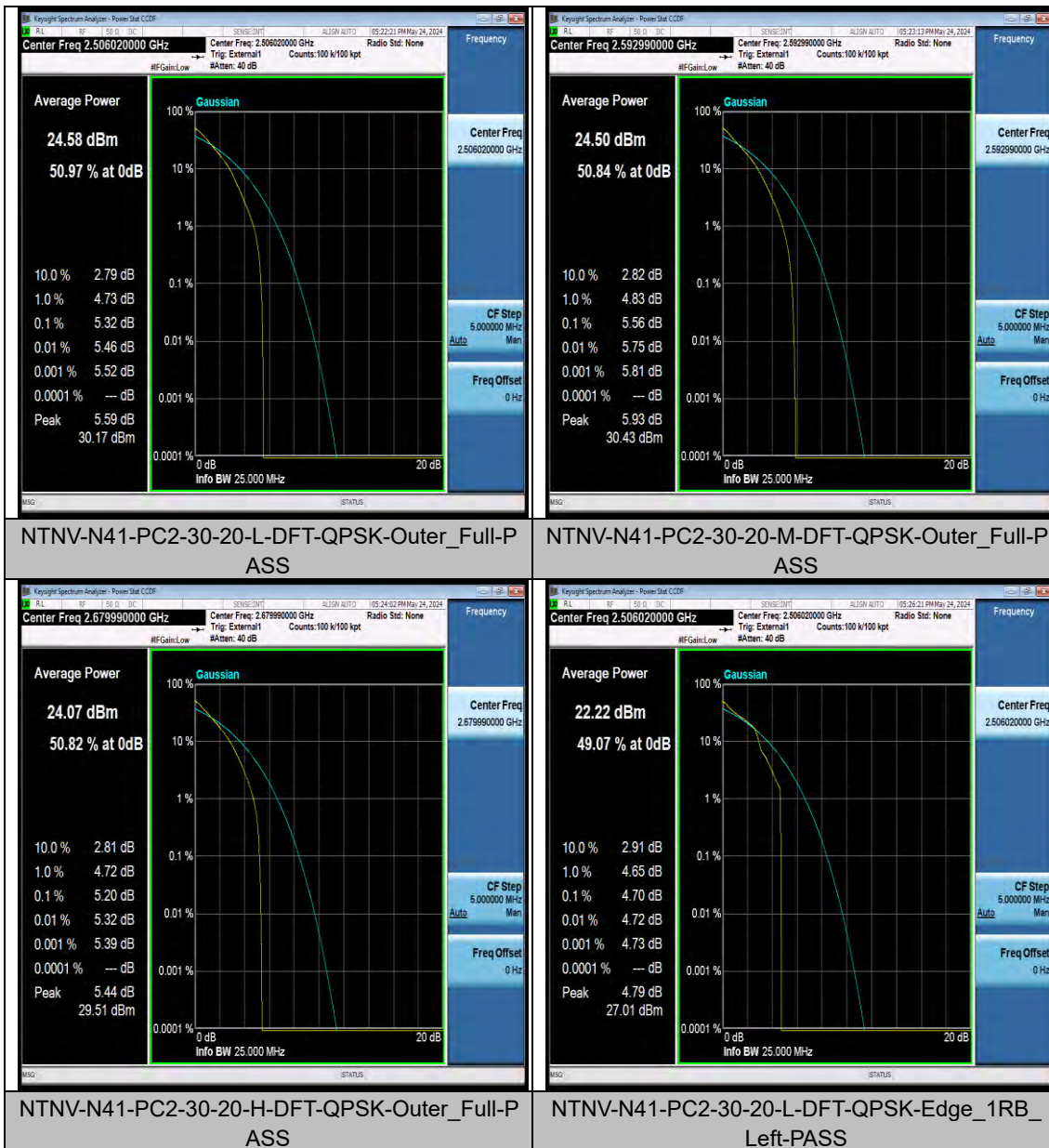
N41

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	5.32	≤13	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	5.56	≤13	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	5.20	≤13	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	4.70	≤13	PASS
N41	30	20	DFT-QPSK	M	Edge_1RB_Left	5.45	≤13	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Left	5.06	≤13	PASS

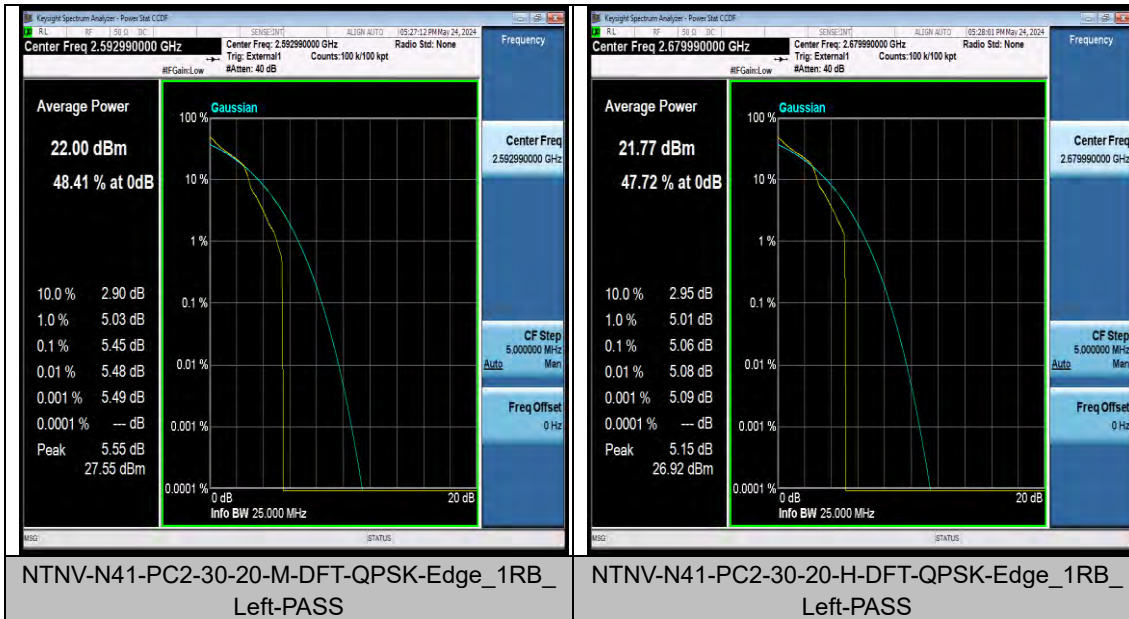
TEST GRAPHS





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Reference No.: W7L-240430W002RF01





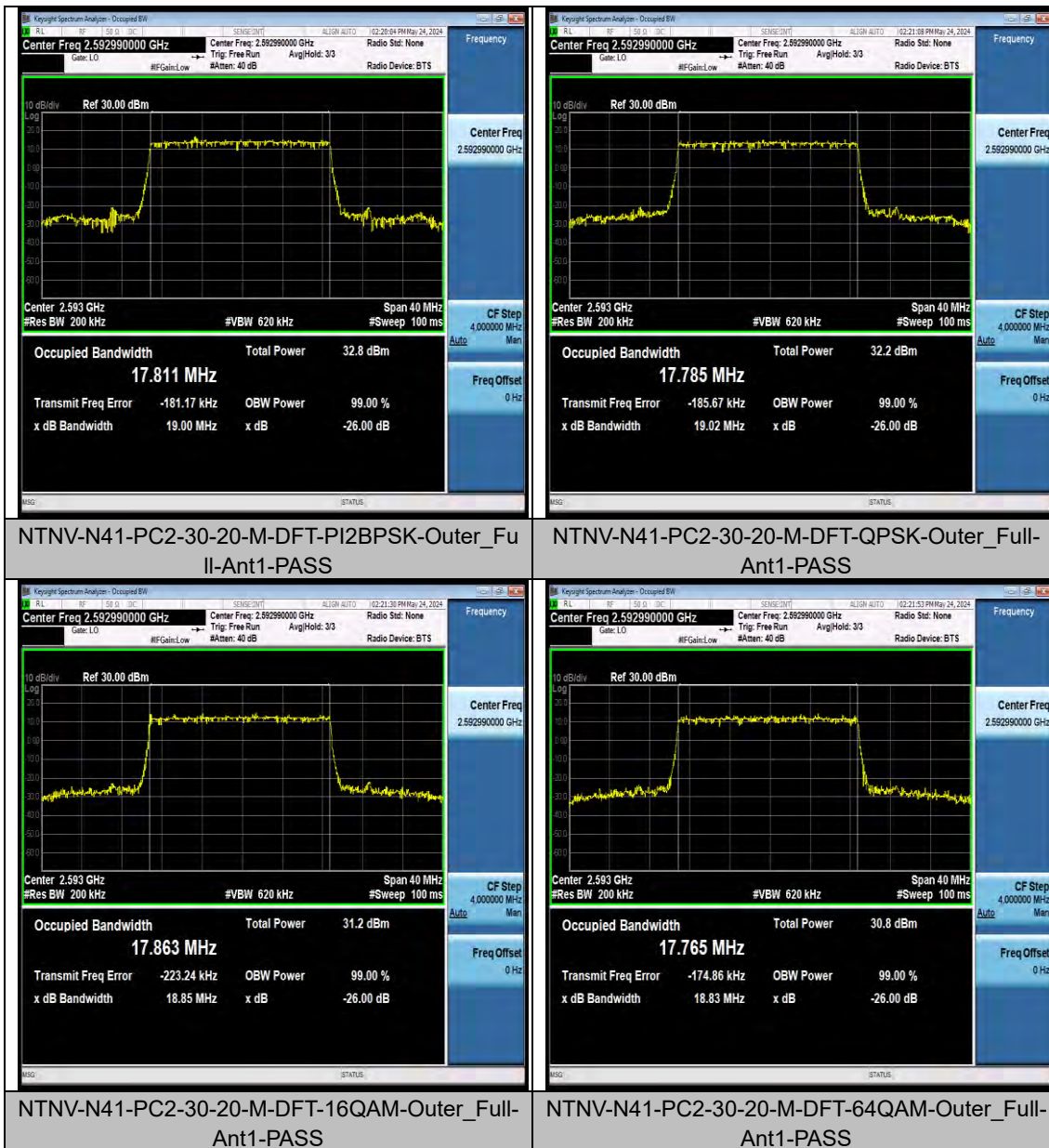
Reference No.: W7L-240430W002RF01

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	17.811	19.00	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.785	19.02	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.863	18.85	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.765	18.83	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.779	18.72	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.779	28.21	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.695	28.20	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.723	28.20	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.718	28.10	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.743	28.04	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.617	37.09	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.686	37.30	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.711	37.30	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.710	37.27	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.689	37.35	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.694	47.41	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.660	47.26	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.665	47.44	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.639	47.44	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.652	47.43	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.718	59.96	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.830	59.83	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.674	59.91	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.685	59.83	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.704	59.96	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	76.964	79.74	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.014	79.58	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.767	79.63	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.070	79.73	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	76.955	79.71	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	86.635	89.45	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	86.516	89.59	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	86.733	89.67	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	86.364	89.43	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	86.421	89.51	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.106	99.45	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.125	99.53	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.217	99.50	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.132	99.43	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.087	99.51	PASS

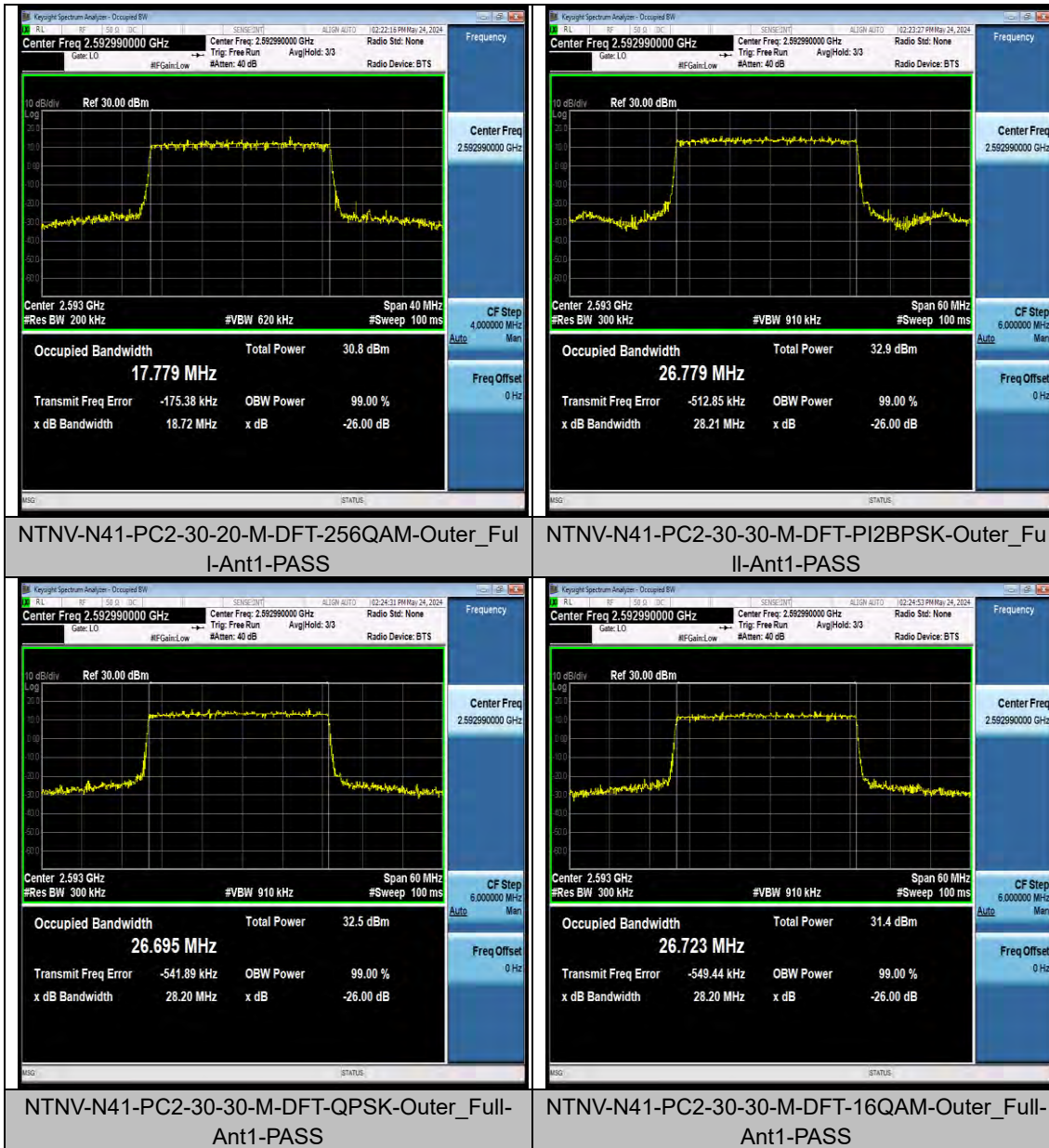
TEST GRAPHS





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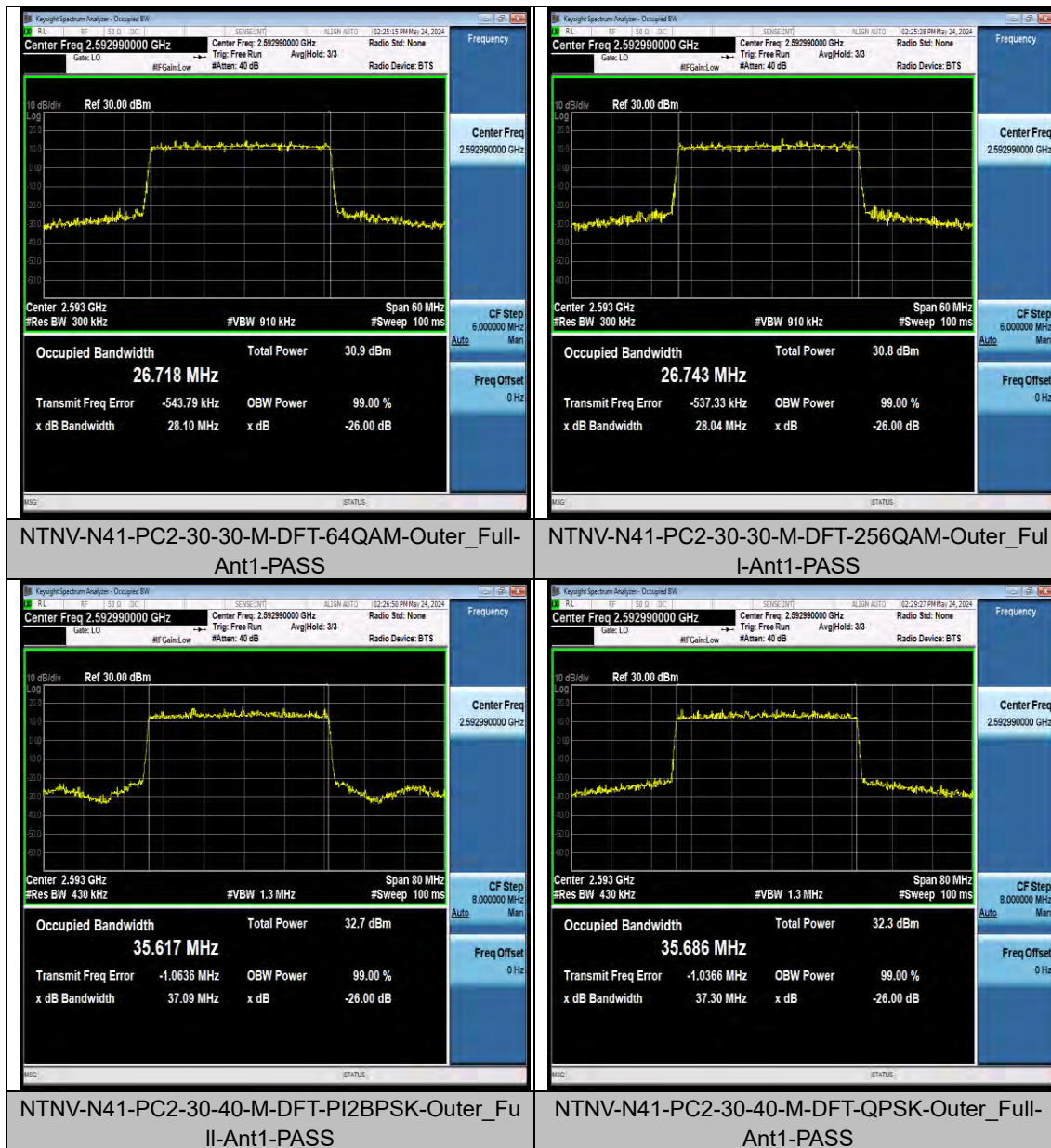
Reference No.: W7L-240430W002RF01





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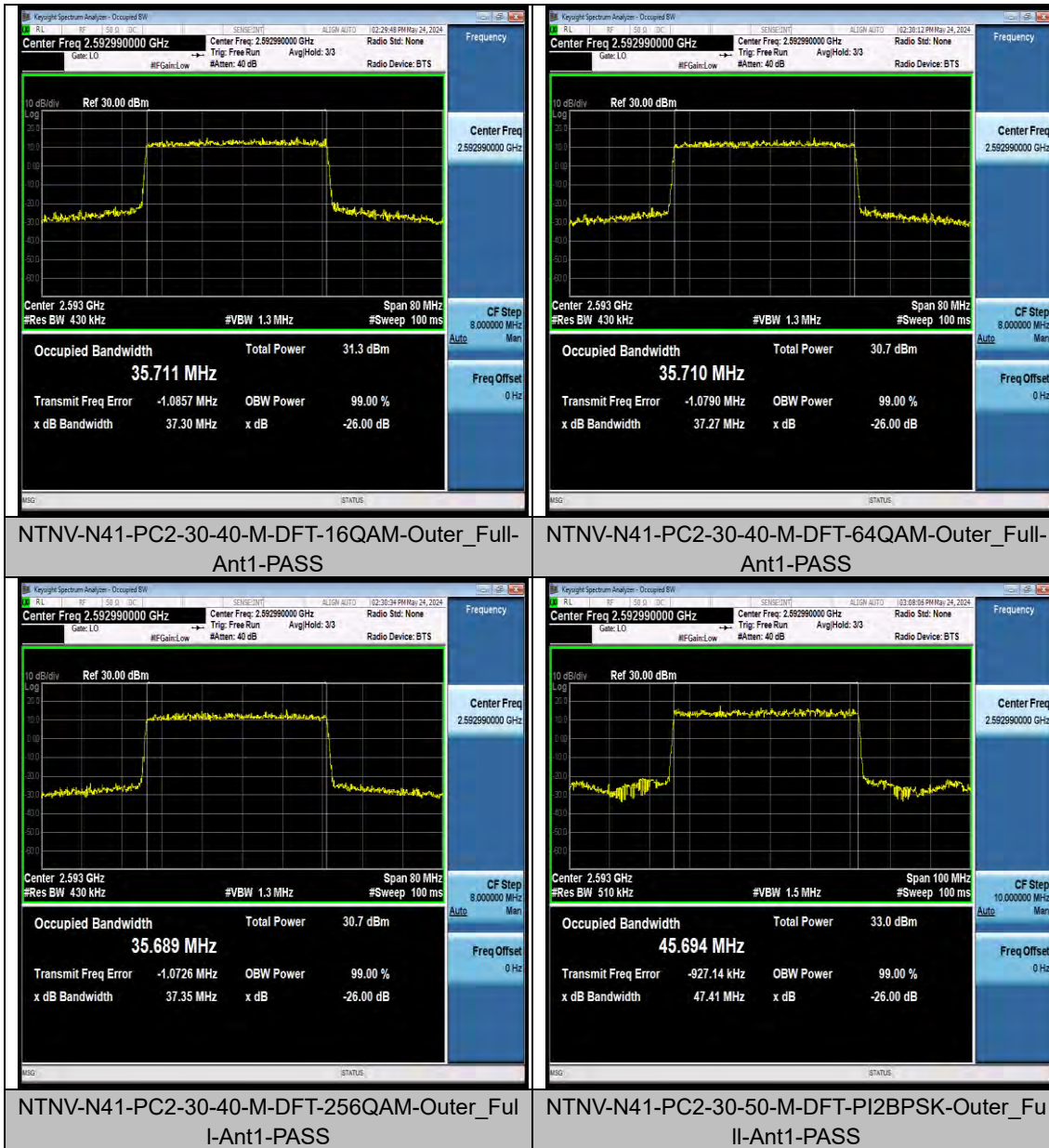
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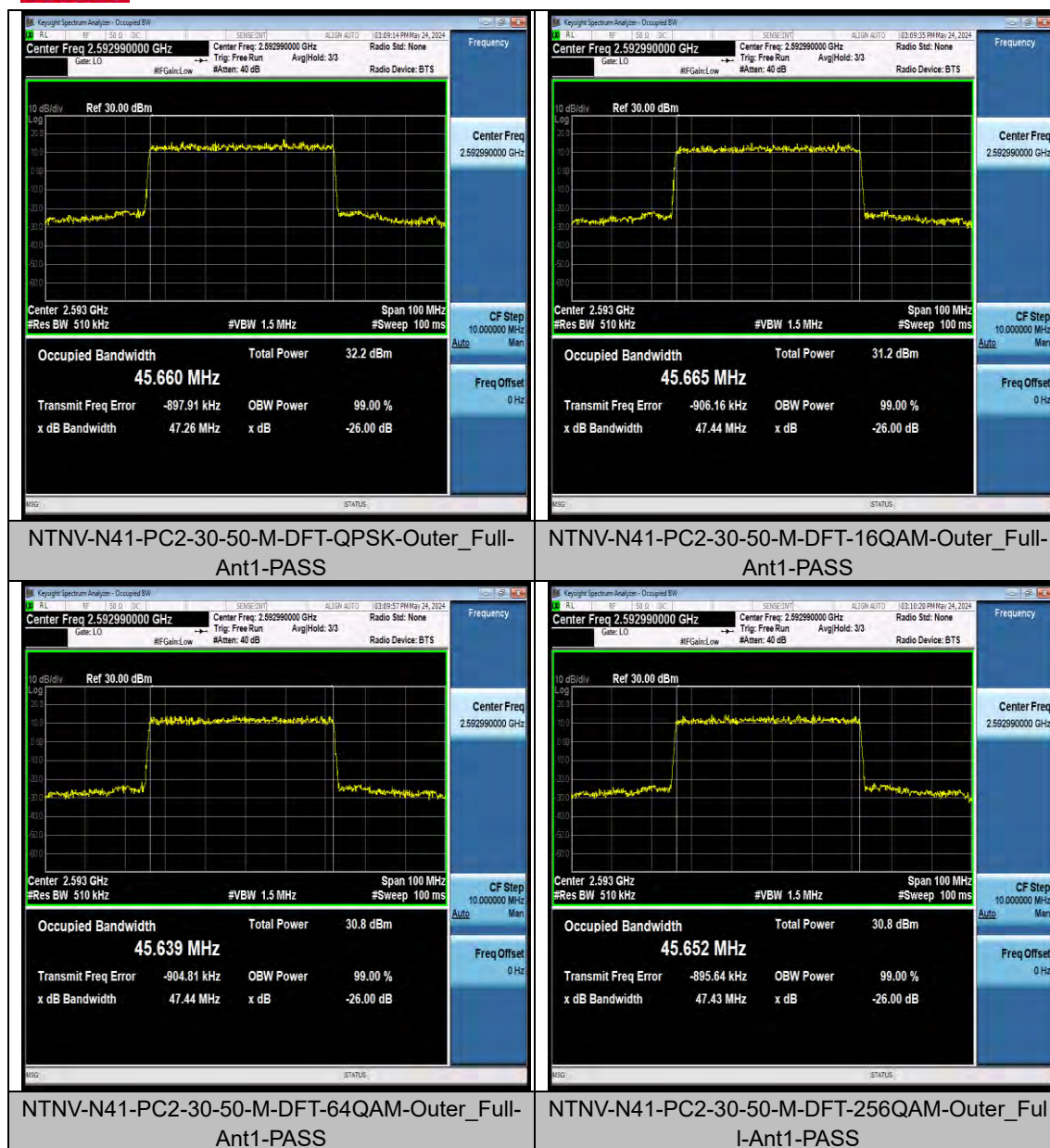
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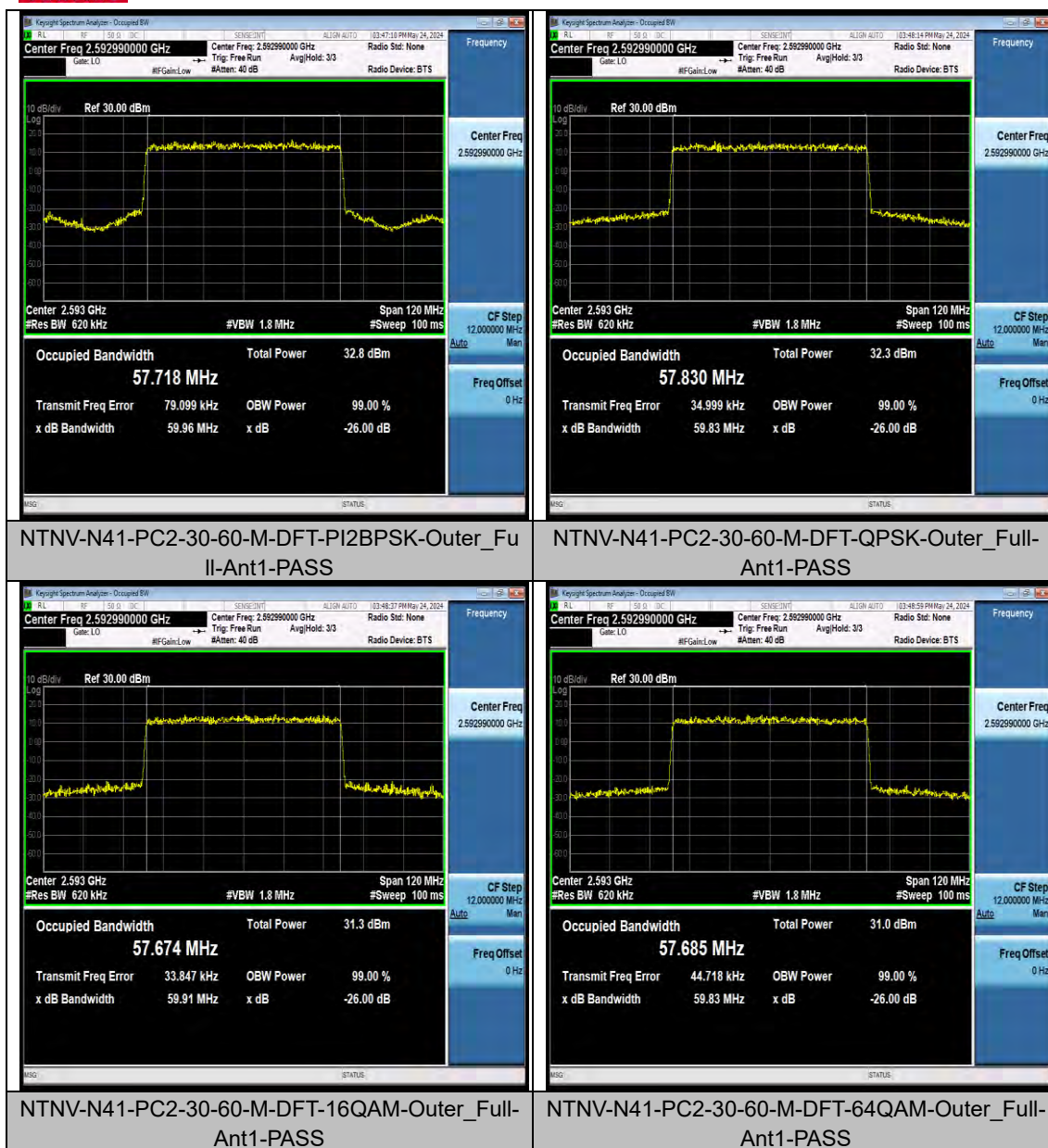
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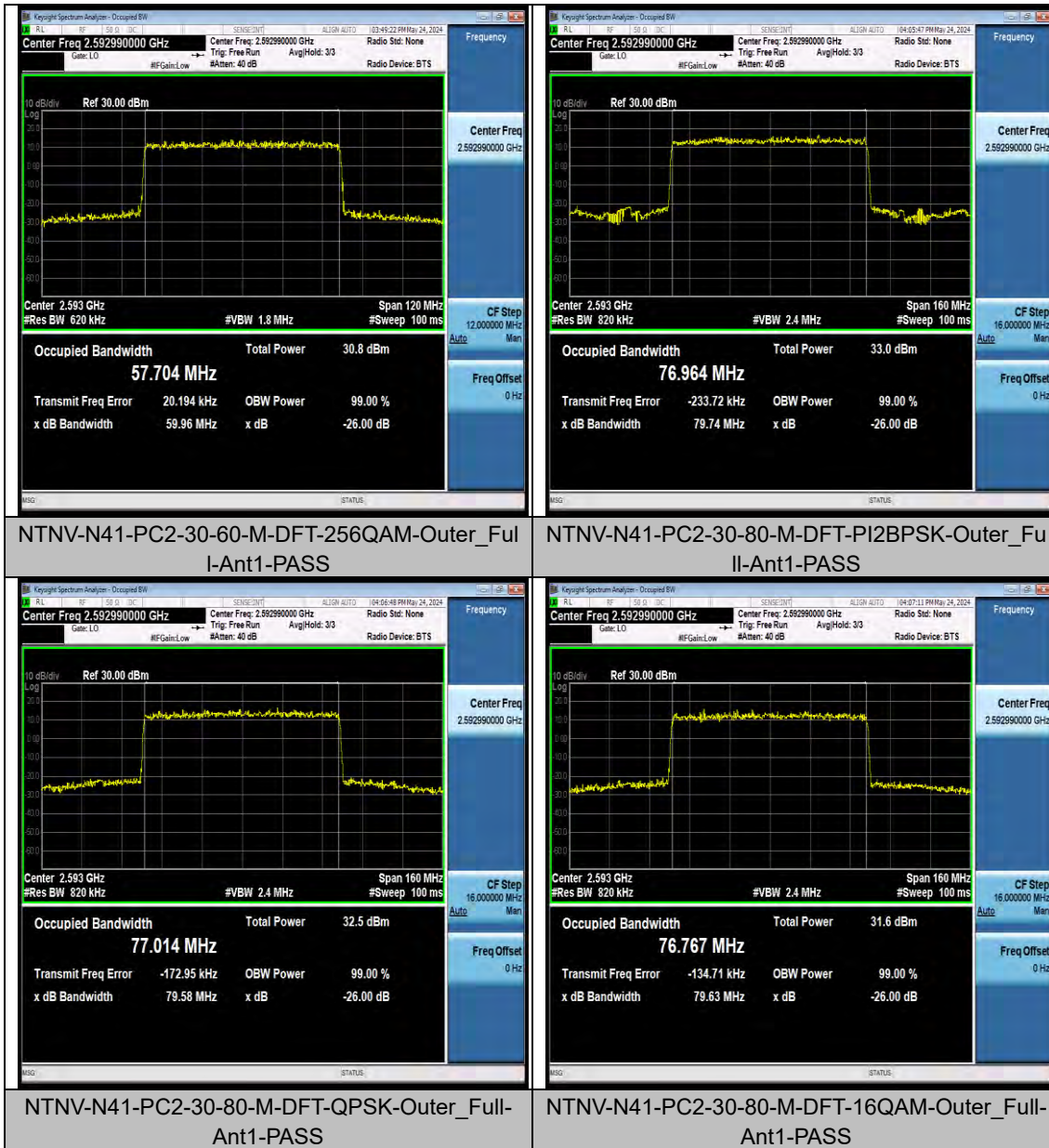
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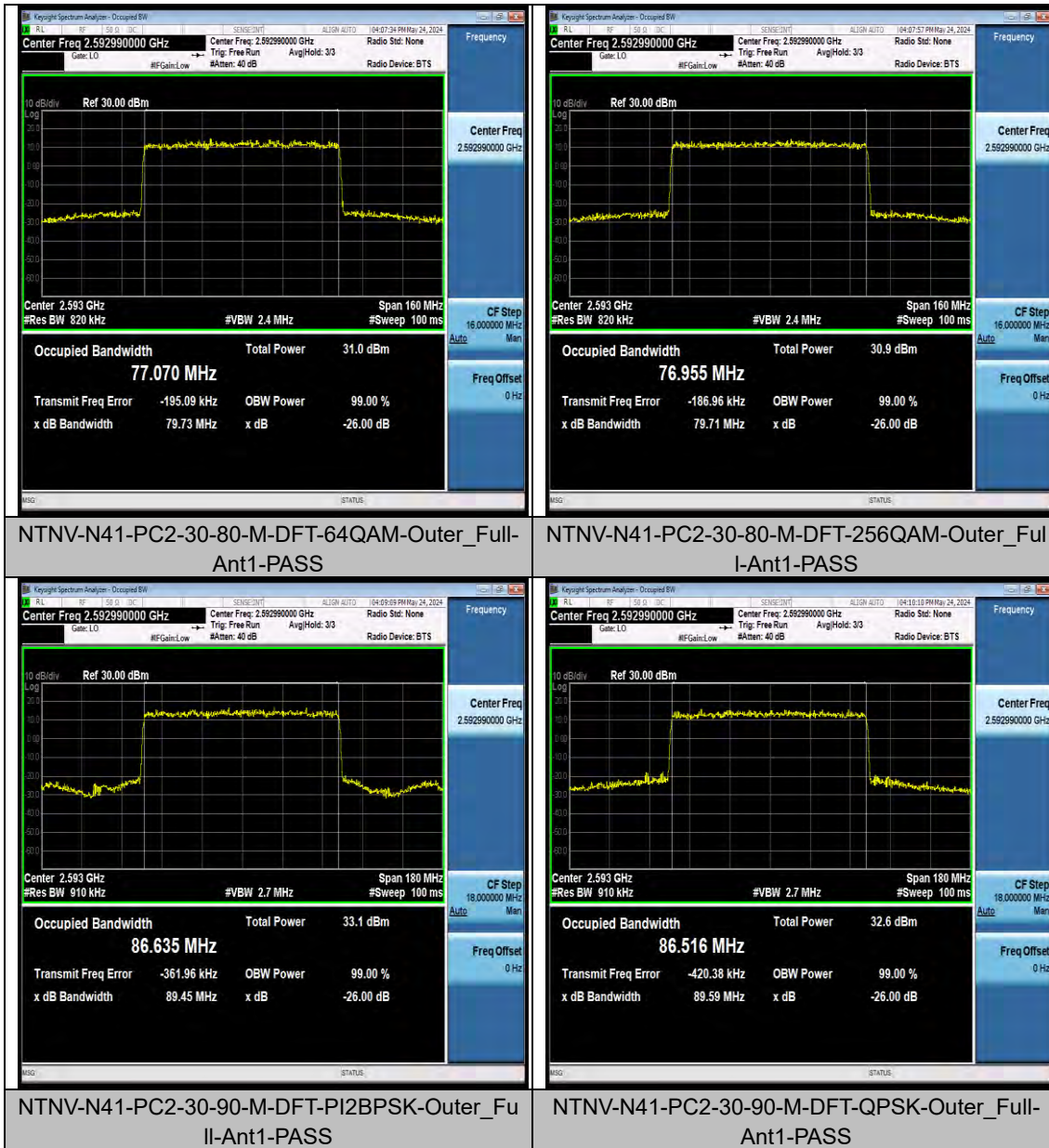
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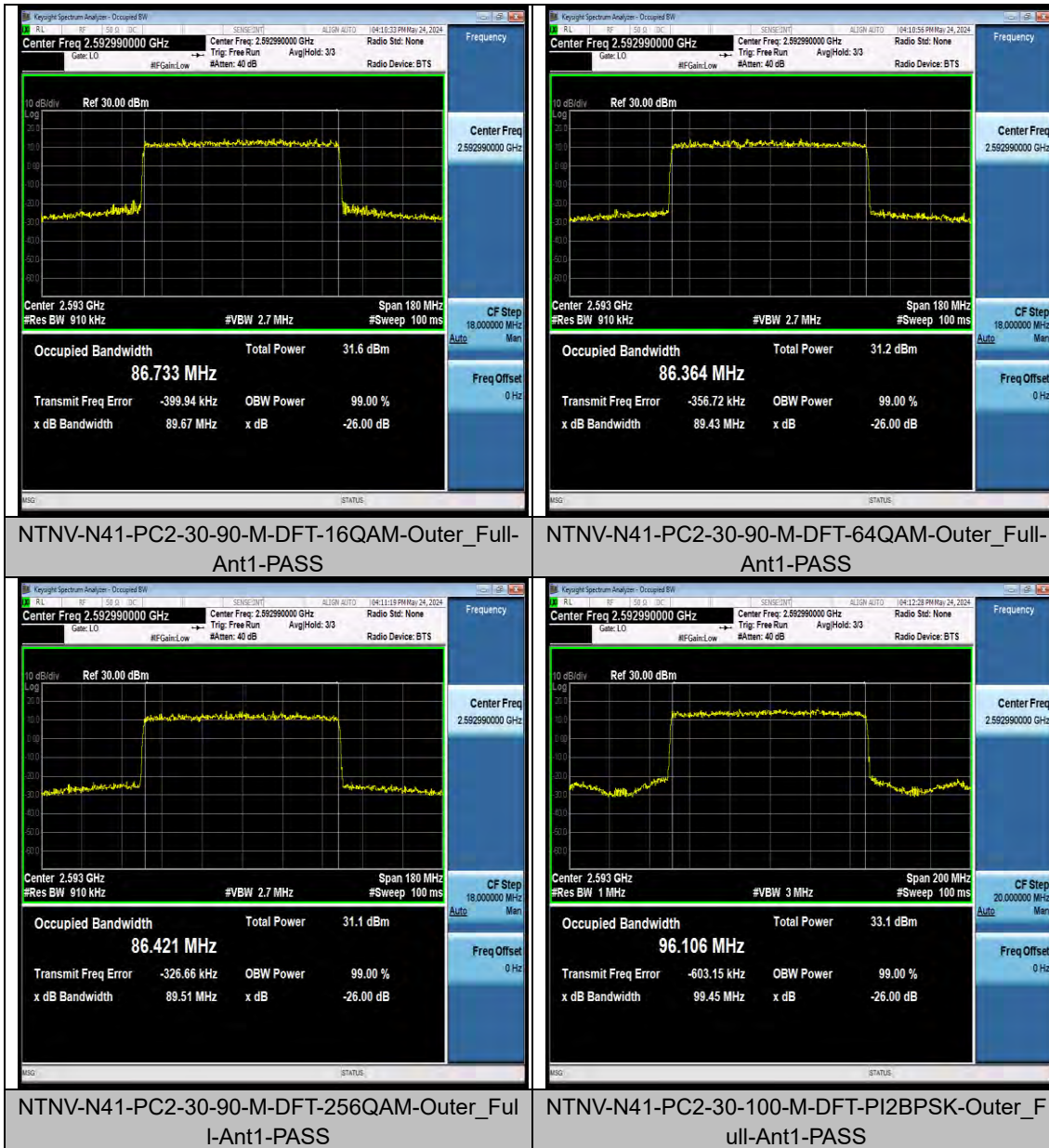
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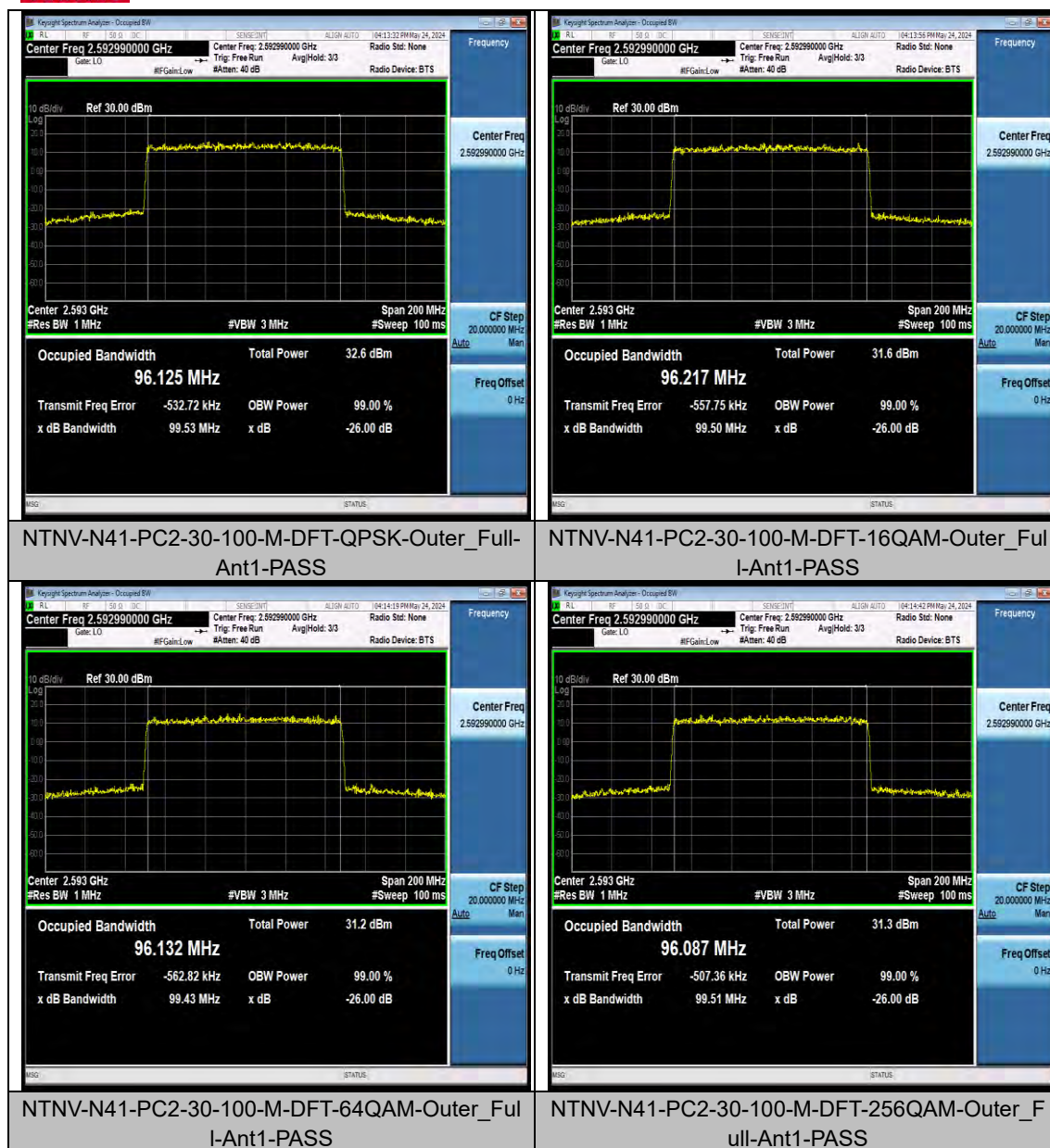
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VERITAS

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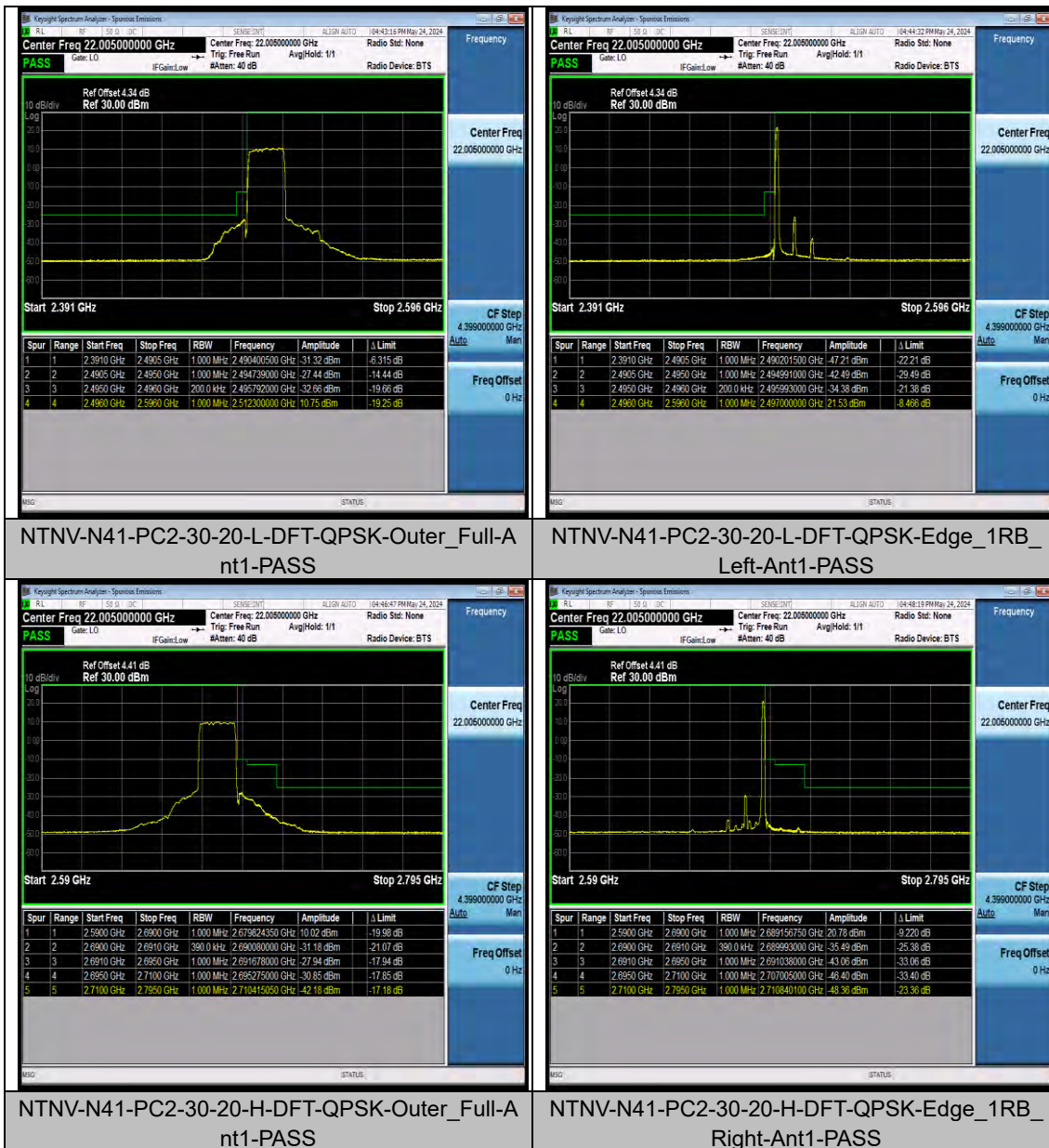
Reference No.: W7L-240430W002RF01



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	-31.32	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	-34.38	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	-42.18	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Right	-48.36	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	-32.03	PASS
N41	30	50	DFT-QPSK	L	Edge_1RB_Left	-45.26	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	-32.69	PASS
N41	30	50	DFT-QPSK	H	Edge_1RB_Right	-48.51	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	-33.89	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	-15.96	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	-36.39	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Right	-18.21	PASS

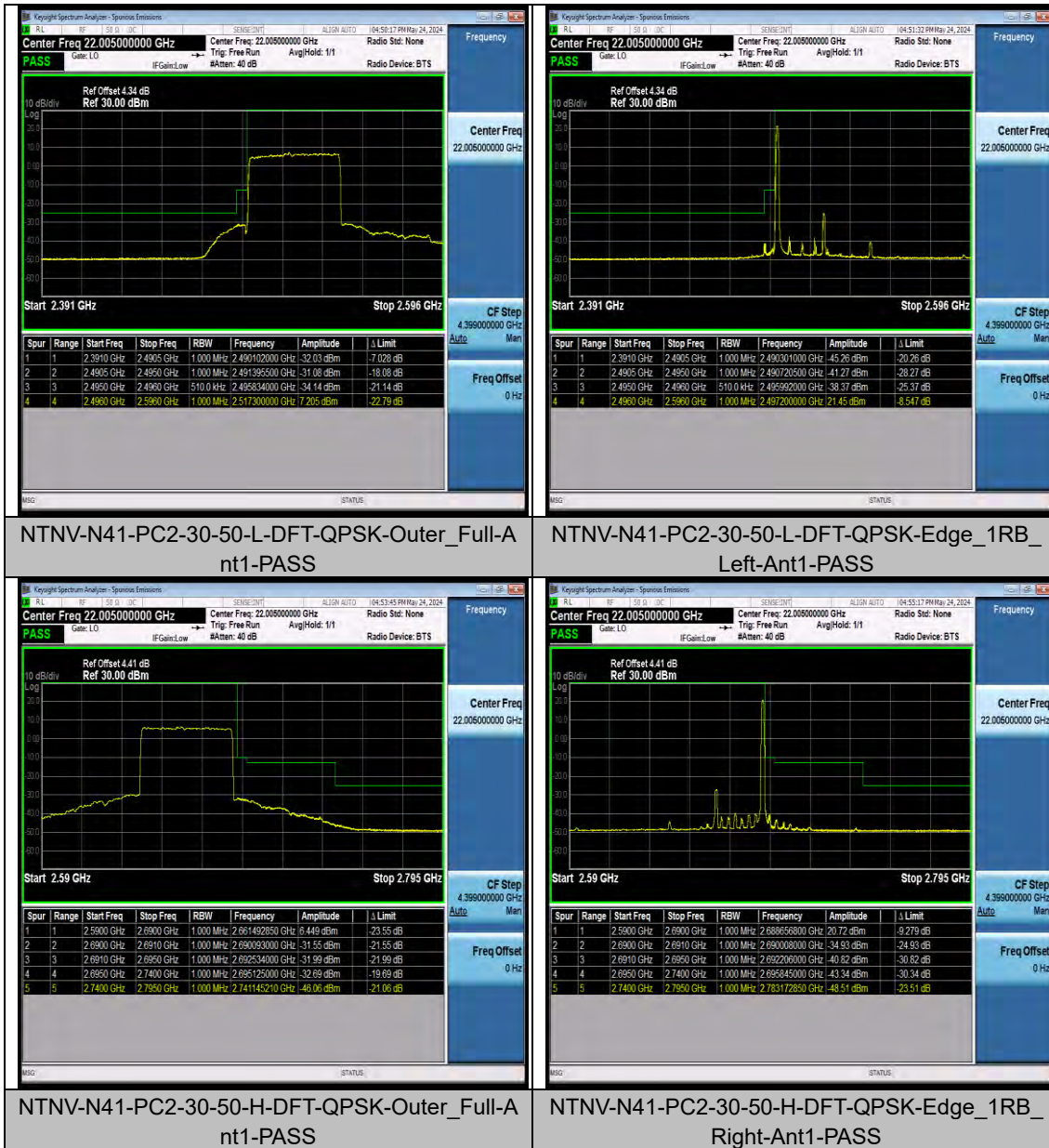
TEST GRAPHS





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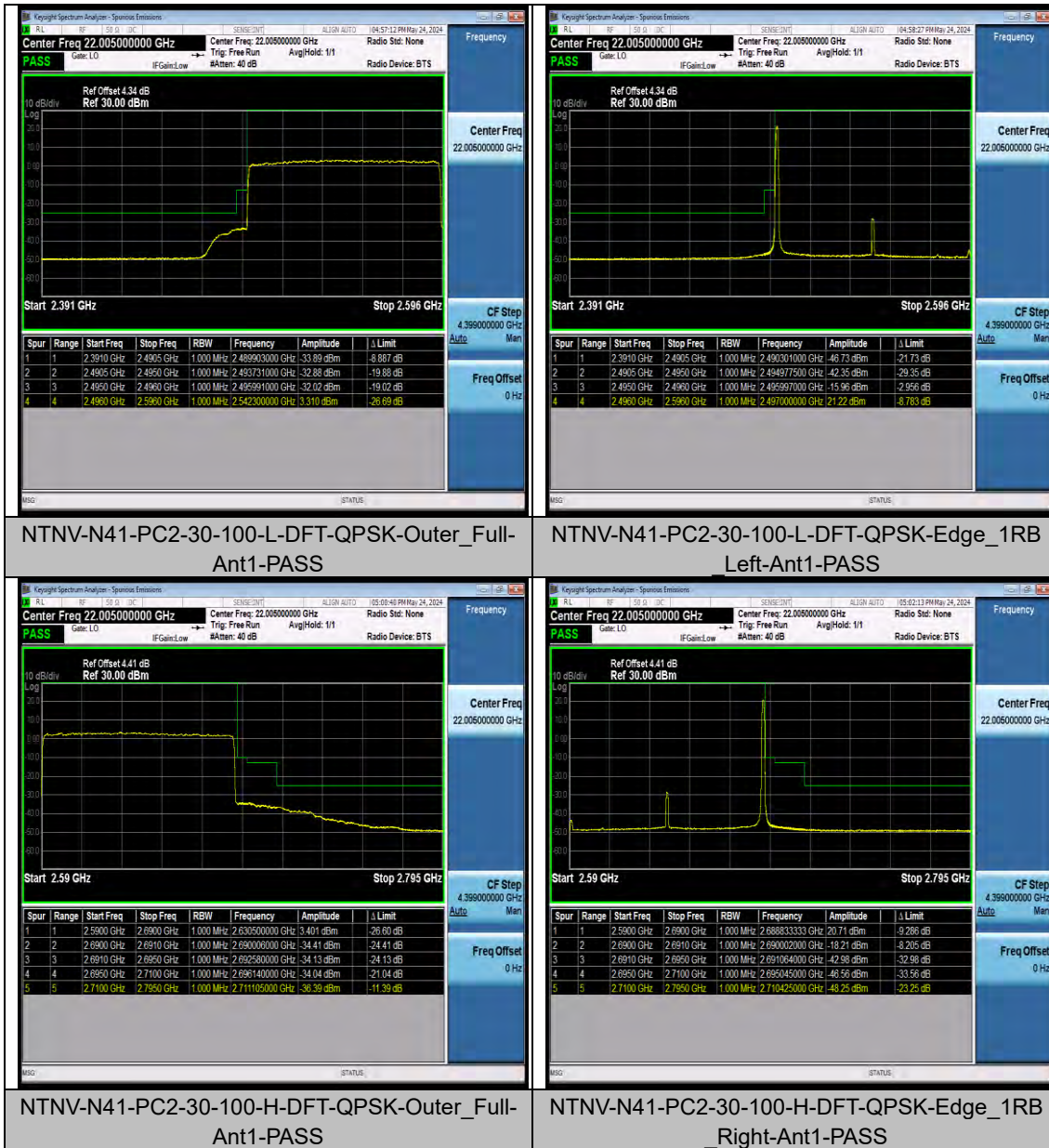
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VERITAS

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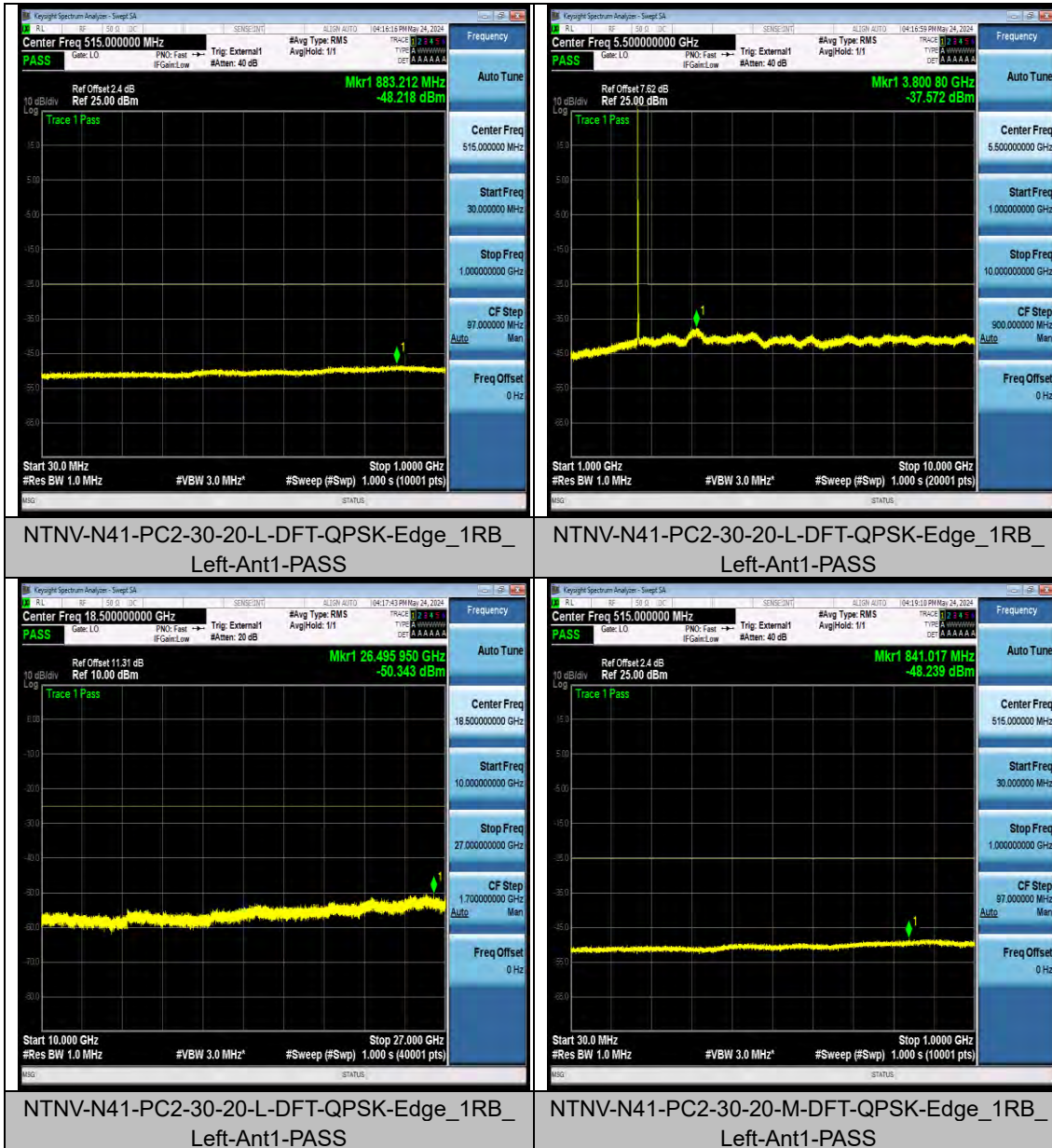


Reference No.: W7L-240430W002RF01

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	-48.22	-25	PASS
N41	30	20	DFT-QPSK	L	Edge 1RB Left	1000	10000	-37.57	-25	PASS
N41	30	20	DFT-QPSK	L	Edge 1RB Left	10000	27000	-50.34	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.24	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	1000	10000	-37.53	-25	PASS
N41	30	20	DFT-QPSK	M	Edge 1RB Left	10000	27000	-50.42	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.16	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	1000	10000	-37.30	-25	PASS
N41	30	20	DFT-QPSK	H	Edge 1RB Left	10000	27000	-50.25	-25	PASS
N41	30	50	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.22	-25	PASS
N41	30	50	DFT-QPSK	L	Edge 1RB Left	1000	10000	-37.27	-25	PASS
N41	30	50	DFT-QPSK	L	Edge 1RB Left	10000	27000	-50.46	-25	PASS
N41	30	50	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.29	-25	PASS
N41	30	50	DFT-QPSK	M	Edge 1RB Left	1000	10000	-37.73	-25	PASS
N41	30	50	DFT-QPSK	M	Edge 1RB Left	10000	27000	-50.03	-25	PASS
N41	30	50	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.25	-25	PASS
N41	30	50	DFT-QPSK	H	Edge 1RB Left	1000	10000	-37.85	-25	PASS
N41	30	50	DFT-QPSK	H	Edge 1RB Left	10000	27000	-50.44	-25	PASS
N41	30	100	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.19	-25	PASS
N41	30	100	DFT-QPSK	L	Edge 1RB Left	1000	10000	-37.57	-25	PASS
N41	30	100	DFT-QPSK	L	Edge 1RB Left	10000	27000	-50.31	-25	PASS
N41	30	100	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.33	-25	PASS
N41	30	100	DFT-QPSK	M	Edge 1RB Left	1000	10000	-37.42	-25	PASS
N41	30	100	DFT-QPSK	M	Edge 1RB Left	10000	27000	-50.12	-25	PASS
N41	30	100	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.26	-25	PASS
N41	30	100	DFT-QPSK	H	Edge 1RB Left	1000	10000	-37.77	-25	PASS
N41	30	100	DFT-QPSK	H	Edge 1RB Left	10000	27000	-49.93	-25	PASS

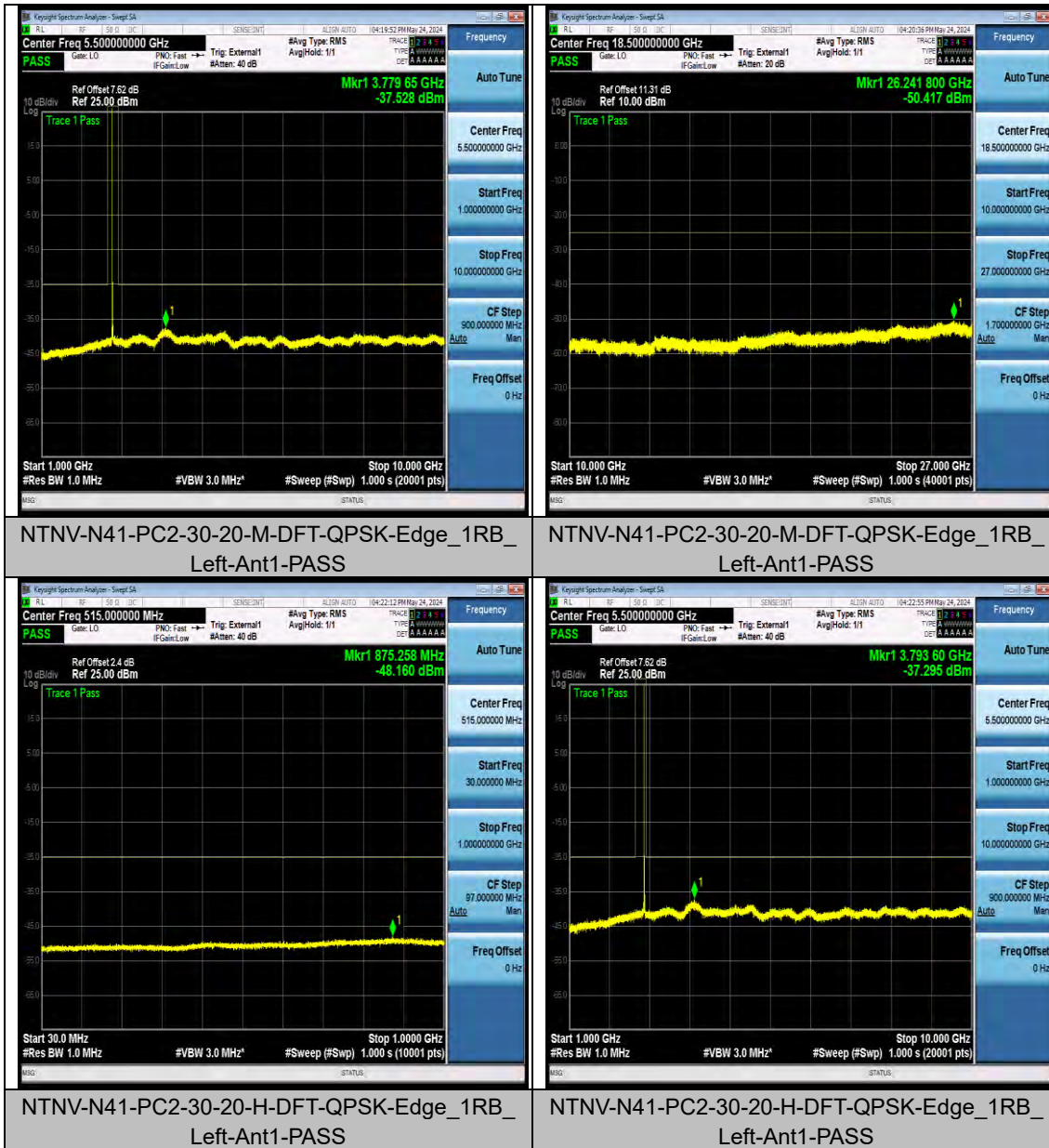
TEST GRAPHS





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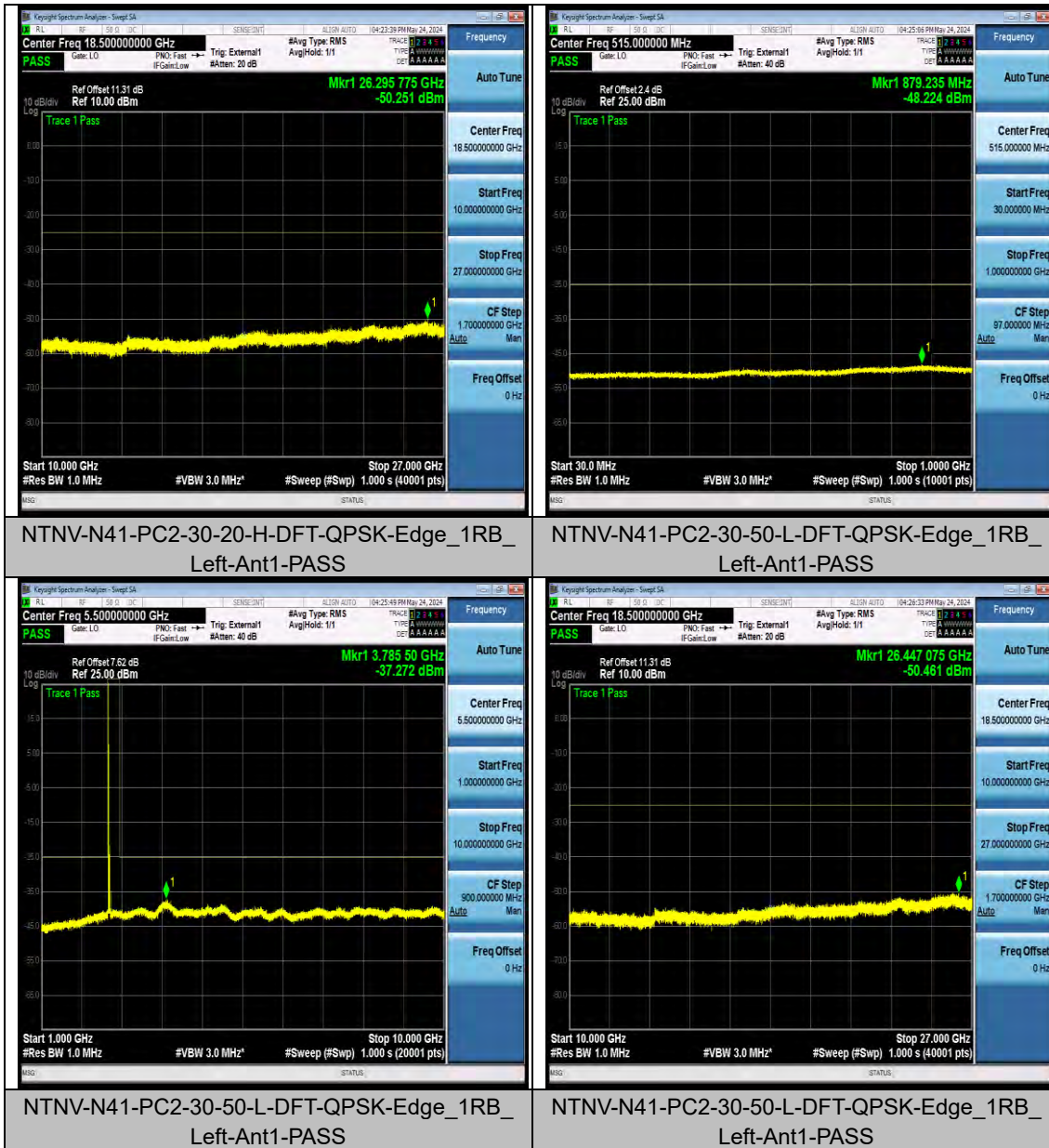
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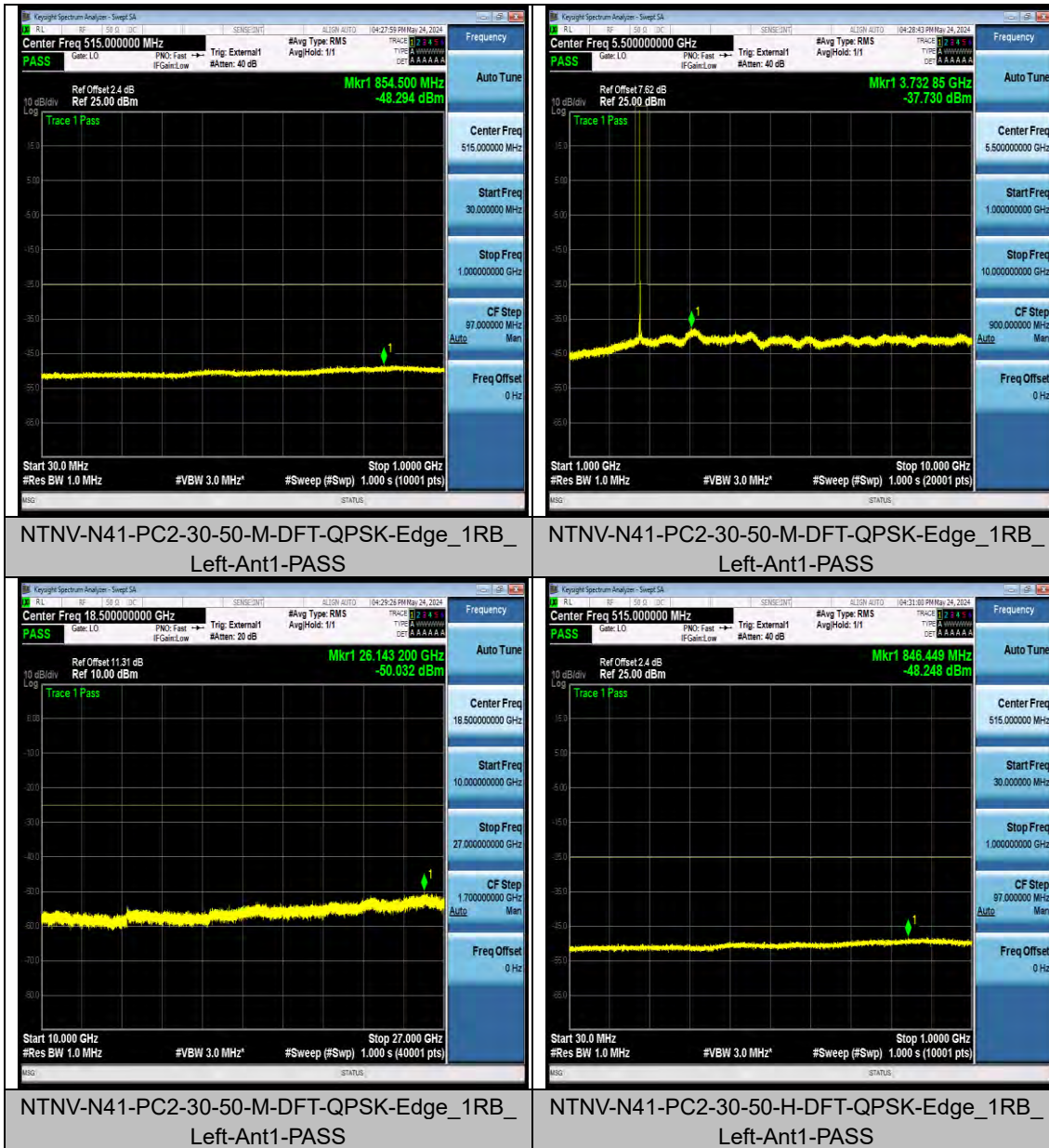
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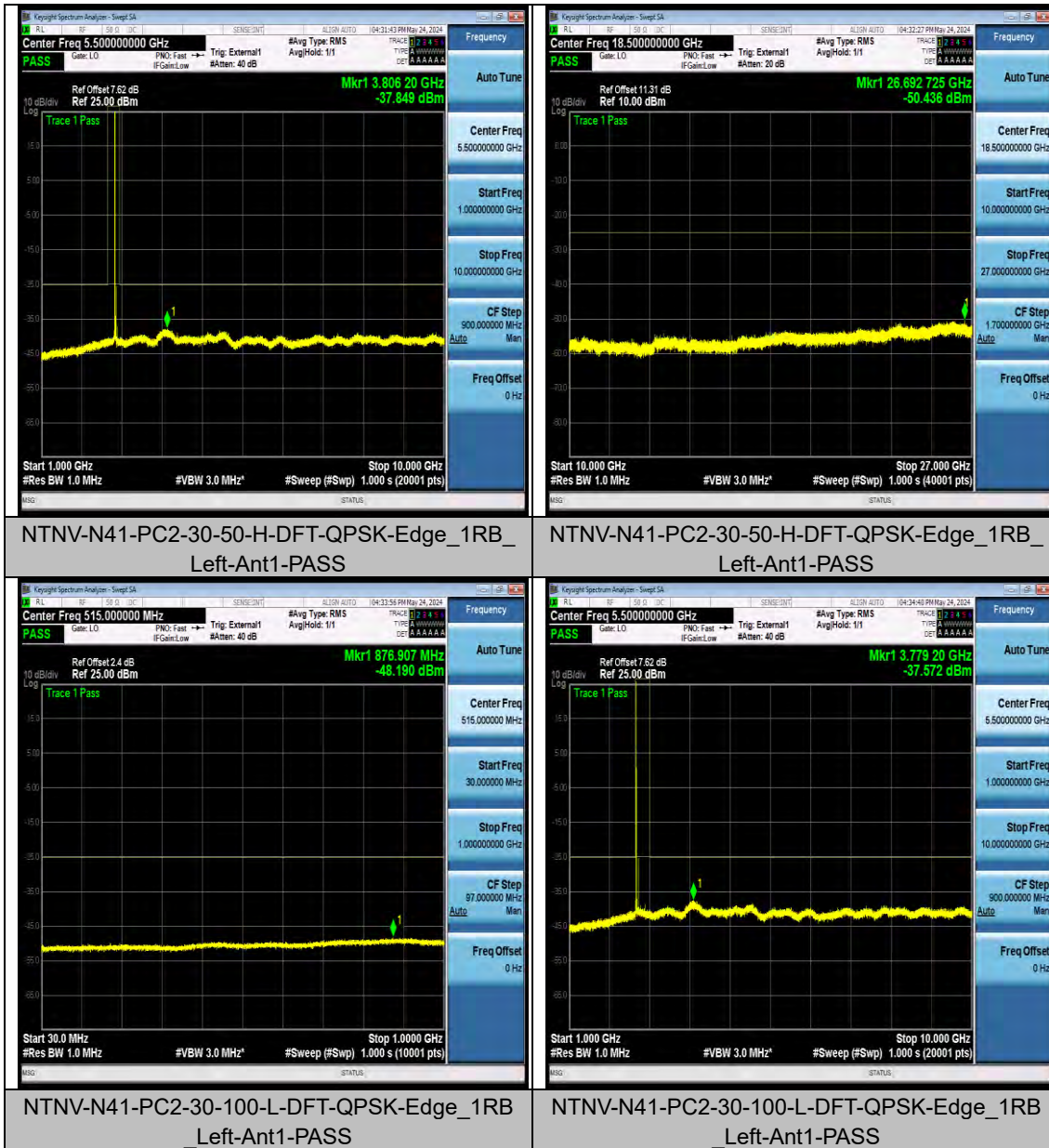
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VERITAS

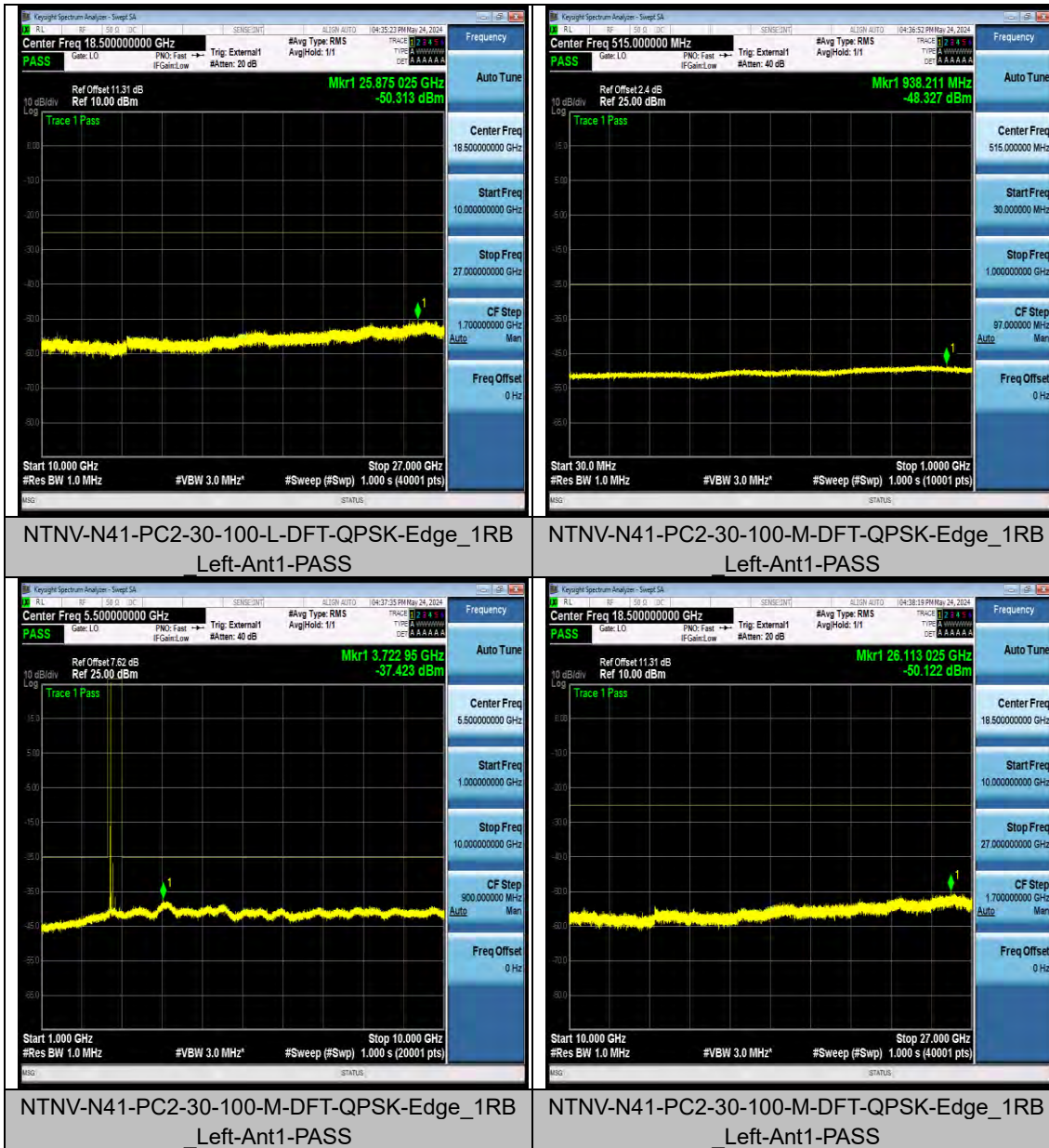
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VERITAS

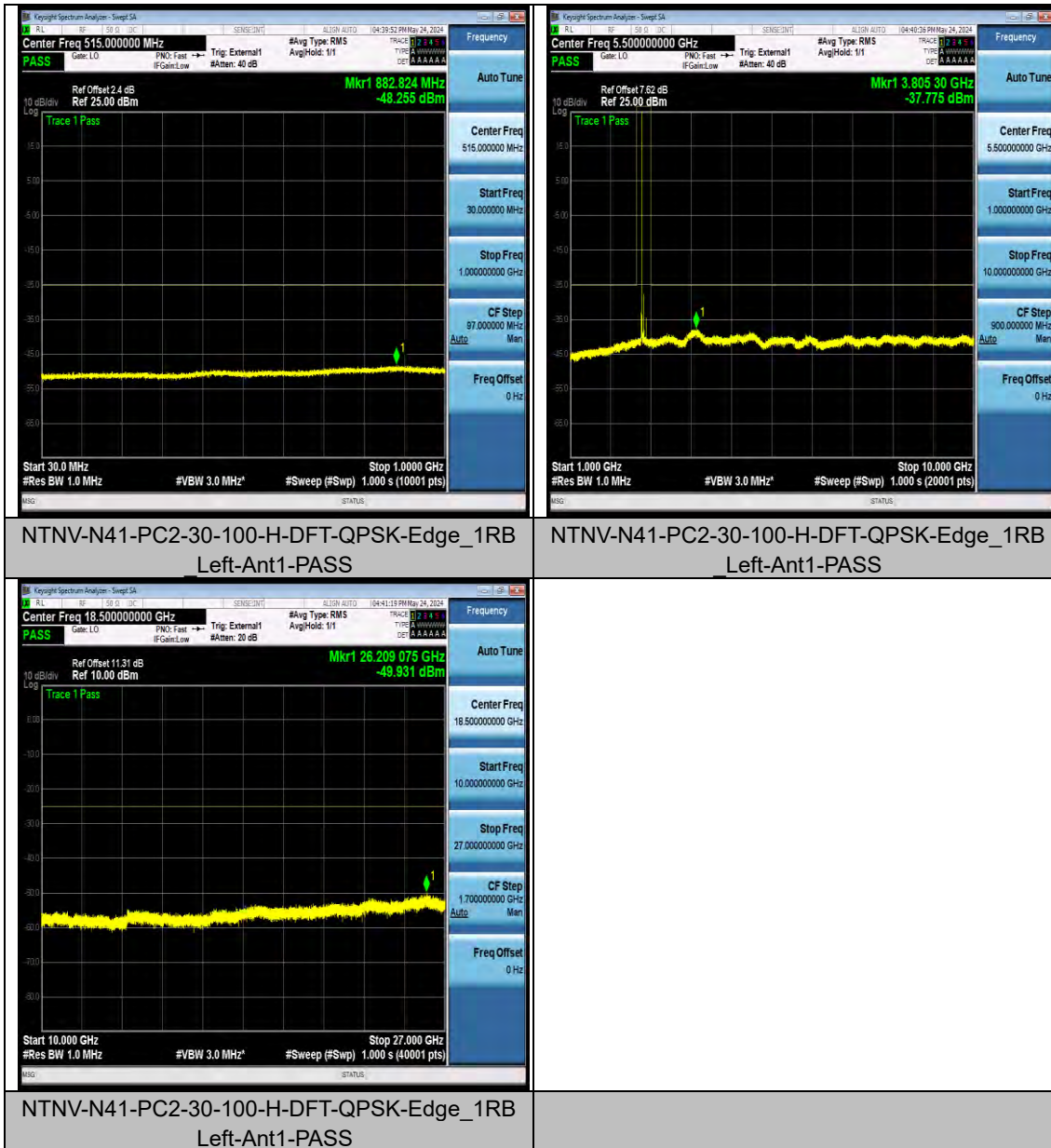
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Reference No.: W7L-240430W002RF01





Reference No.: W7L-240430W002RF01

FREQUENCY STABILITY FOR SA TEST RESULT

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
N41	30	20	DFT-QP SK	L	Outer_Full	VL	NT	10.00000	0.003989	2496.5249	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	VN	NT	12.00000	0.004788	2496.5958	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	VH	NT	19.00000	0.007582	2496.3156	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	-30	11.00000	0.004389	2496.3715	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	-20	2.00000	0.000798	2496.4509	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	-10	11.00000	0.004389	2496.5911	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	0	3.00000	0.001197	2496.5560	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	10	13.00000	0.005188	2496.4422	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	20	2.00000	0.000798	2496.1733	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	30	4.00000	0.001596	2496.2943	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	40	2.00000	0.000798	2496.2973	---	2496-2650	PASS
N41	30	20	DFT-QP SK	L	Outer_Full	NV	50	12.00000	0.004788	2496.5613	---	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	VL	NT	3.00000	0.001119	---	2649.6969	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	VN	NT	5.00000	0.001866	---	2649.7255	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	VH	NT	4.00000	0.001493	---	2649.6945	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	-30	7.00000	0.002612	---	2649.6633	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	-20	8.00000	0.002985	---	2649.6459	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	-10	8.00000	0.002985	---	2649.6811	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	0	7.00000	0.002612	---	2649.7324	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	10	10.00000	0.003731	---	2649.6419	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	20	7.00000	0.002612	---	2649.6974	2496-2650	PASS
N41	30	20	DFT-QP SK	H	Outer_Full	NV	30	17.00000	0.006343	---	2649.6559	2496-2650	PASS



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N41	30	20	DFT-QP SK	H	Outer_F ull	NV	40	18.00 0000	0.006 716	---	2649.735 9	2496-2 650	PASS
N41	30	20	DFT-QP SK	H	Outer_F ull	NV	50	16.00 0000	0.005 97	---	2649.646 9	2496-2 650	PASS



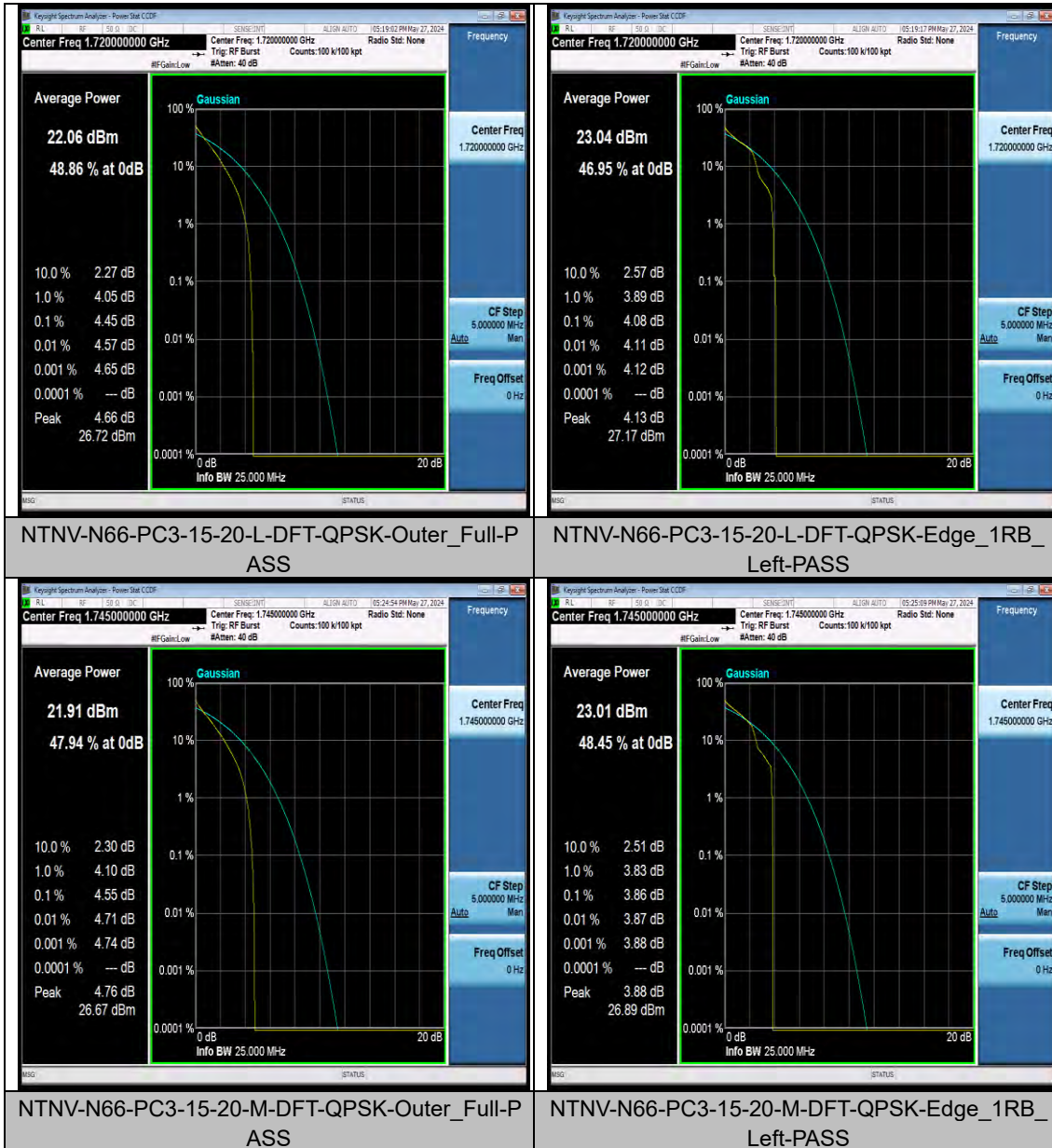
Reference No.: W7L-240430W002RF01

N66 PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	20	DFT-QPSK	L	Outer Full	4.45	≤13	PASS
N66	15	20	DFT-QPSK	L	Edge 1RB Left	4.08	≤13	PASS
N66	15	20	DFT-QPSK	M	Outer Full	4.55	≤13	PASS
N66	15	20	DFT-QPSK	M	Edge 1RB Left	3.86	≤13	PASS
N66	15	20	DFT-QPSK	H	Outer Full	4.60	≤13	PASS
N66	15	20	DFT-QPSK	H	Edge 1RB Left	3.77	≤13	PASS

TEST GRAPHS





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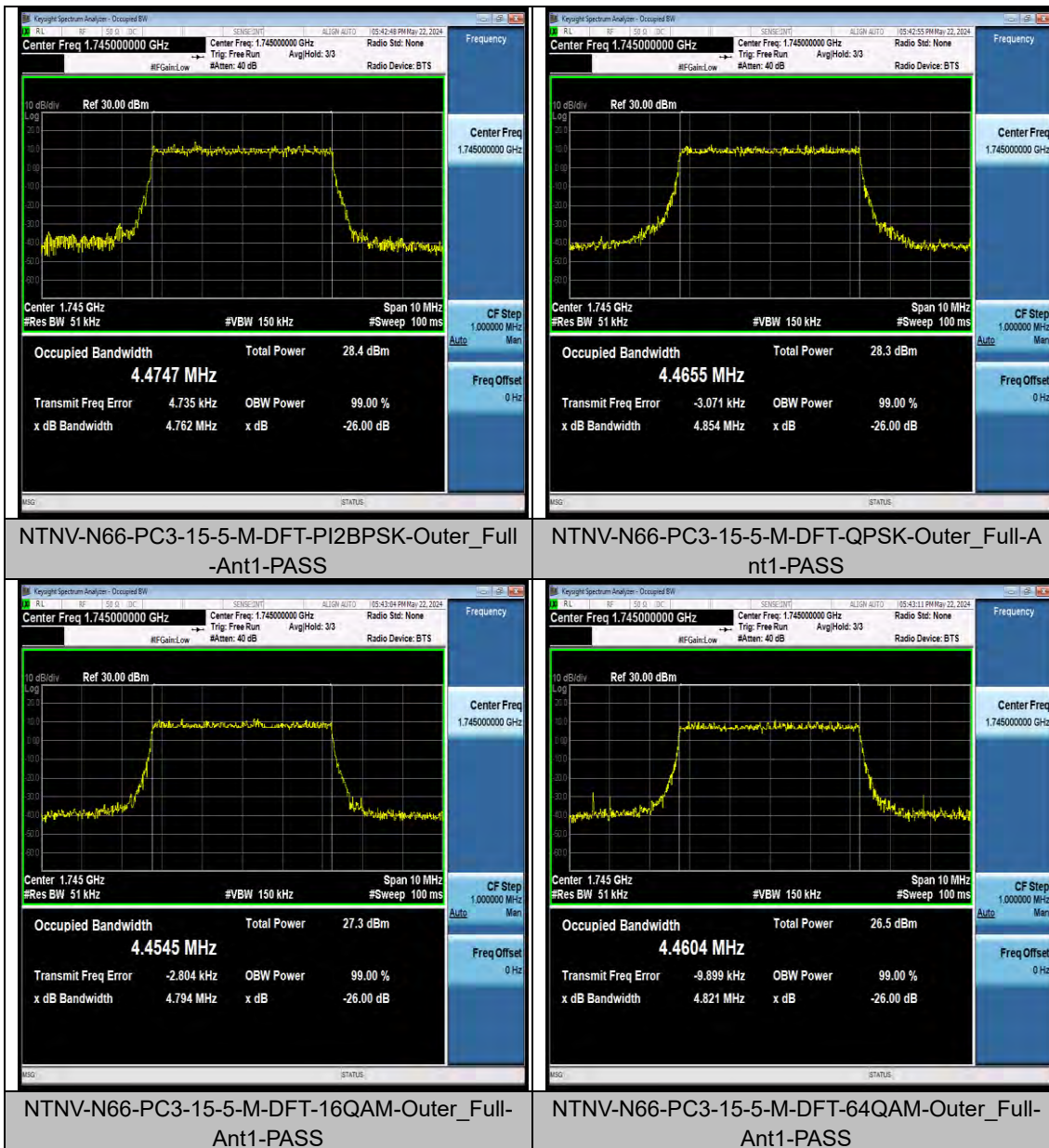
Reference No.: W7L-240430W002RF01

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.4747	4.762	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.4655	4.854	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.4545	4.794	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.4604	4.821	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.4696	4.818	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.9005	9.468	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.8997	9.439	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.9017	9.378	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.8982	9.384	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.8977	9.384	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.399	14.06	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.378	14.06	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.392	14.16	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.387	14.07	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.387	14.14	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.837	18.56	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.845	18.63	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.879	18.57	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.852	18.60	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.838	18.73	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.510	29.60	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.569	29.63	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.487	29.56	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.491	29.61	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.511	29.70	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.446	39.99	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.469	39.82	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.365	39.85	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.471	39.88	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.455	39.88	PASS

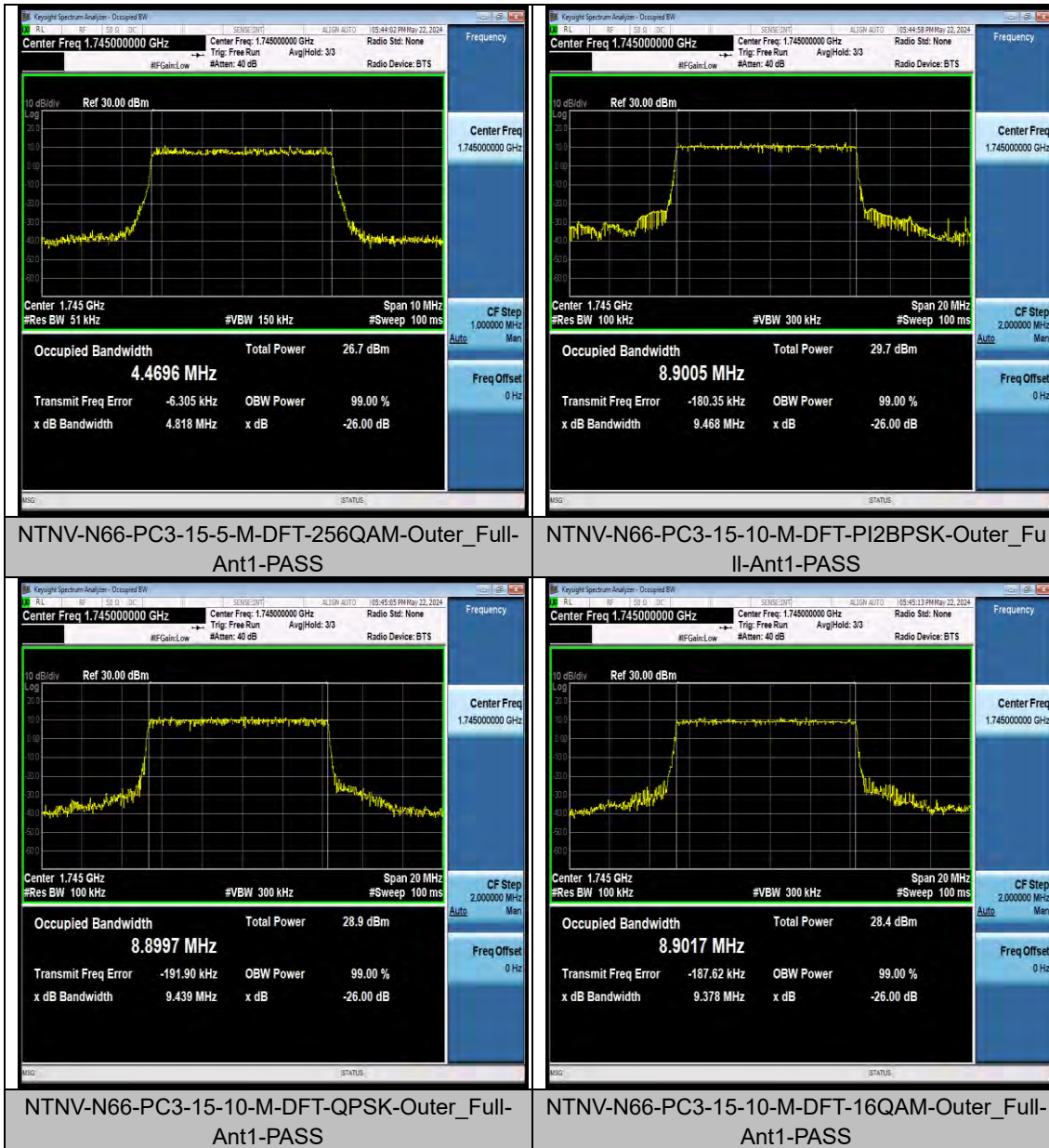
TEST GRAPHS





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Reference No.: W7L-240430W002RF01





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