

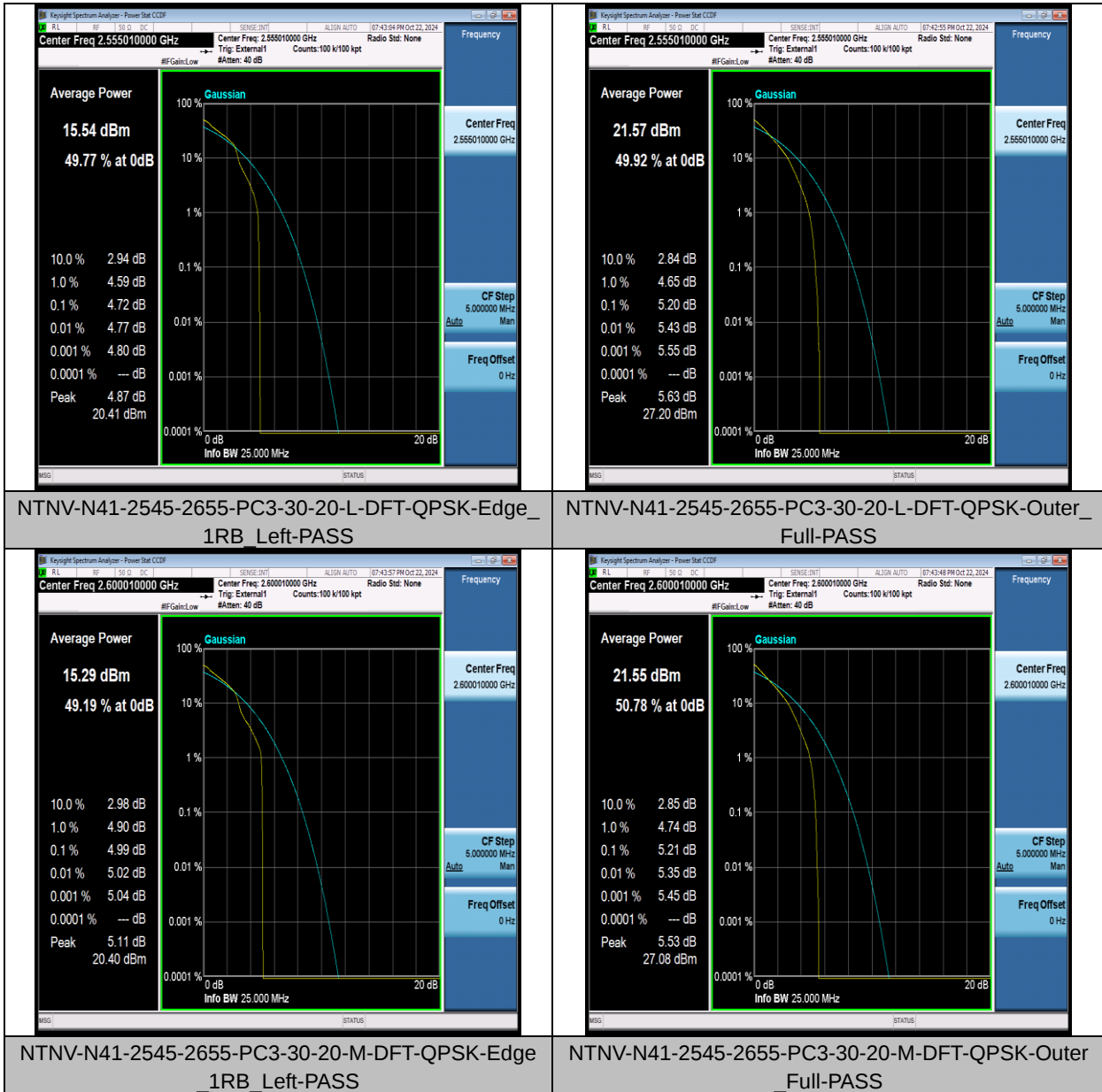
APPENDIX A

PEAK-TO-AVERAGE RATIO FOR SA PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41-2545-2655	30	20	DFT-QPSK	L	Edge_1RB_Left	4.72	≤13	PASS
N41-2545-2655	30	20	DFT-QPSK	L	Outer_Full	5.20	≤13	PASS
N41-2545-2655	30	20	DFT-QPSK	M	Edge_1RB_Left	4.99	≤13	PASS
N41-2545-2655	30	20	DFT-QPSK	M	Outer_Full	5.21	≤13	PASS
N41-2545-2655	30	20	DFT-QPSK	H	Edge_1RB_Left	4.72	≤13	PASS
N41-2545-2655	30	20	DFT-QPSK	H	Outer_Full	5.28	≤13	PASS

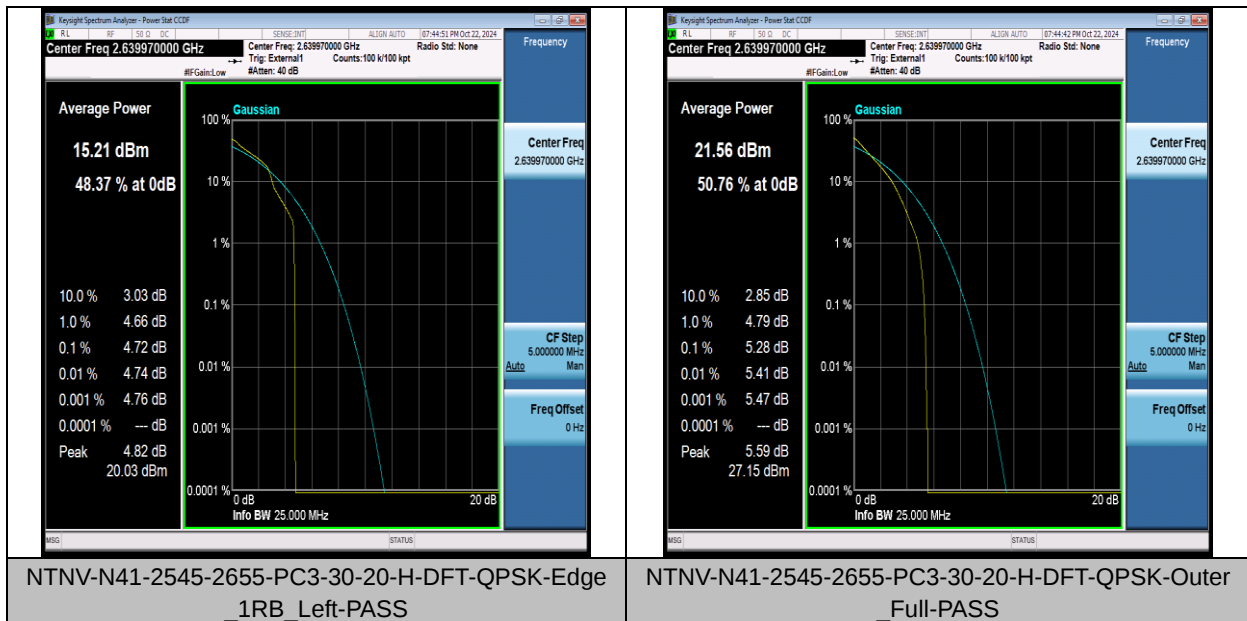
TEST GRAPHS





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VERITAS

Reference No.: W7L-P24090006RF01



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41-2545-2655	30	10	DFT-PI2BPSK	M	Outer_Full	8.5795	9.586	PASS
N41-2545-2655	30	10	DFT-QPSK	M	Outer_Full	8.5975	9.693	PASS
N41-2545-2655	30	10	DFT-16QAM	M	Outer_Full	8.5892	9.664	PASS
N41-2545-2655	30	10	DFT-64QAM	M	Outer_Full	8.5700	9.606	PASS
N41-2545-2655	30	10	DFT-256QAM	M	Outer_Full	8.5588	9.709	PASS
N41-2545-2655	30	15	DFT-PI2BPSK	M	Outer_Full	12.843	14.10	PASS
N41-2545-2655	30	15	DFT-QPSK	M	Outer_Full	12.812	13.86	PASS
N41-2545-2655	30	15	DFT-16QAM	M	Outer_Full	12.834	14.17	PASS
N41-2545-2655	30	15	DFT-64QAM	M	Outer_Full	12.853	14.18	PASS
N41-2545-2655	30	15	DFT-256QAM	M	Outer_Full	12.849	14.10	PASS
N41-2545-2655	30	20	DFT-PI2BPSK	M	Outer_Full	17.797	19.13	PASS
N41-2545-2655	30	20	DFT-QPSK	M	Outer_Full	17.799	19.25	PASS
N41-2545-2655	30	20	DFT-16QAM	M	Outer_Full	17.863	18.93	PASS
N41-2545-2655	30	20	DFT-64QAM	M	Outer_Full	17.820	19.48	PASS
N41-2545-2655	30	20	DFT-256QAM	M	Outer_Full	17.827	19.25	PASS
N41-2545-2655	30	30	DFT-PI2BPSK	M	Outer_Full	26.763	28.52	PASS
N41-2545-2655	30	30	DFT-QPSK	M	Outer_Full	26.774	28.60	PASS
N41-2545-2655	30	30	DFT-16QAM	M	Outer_Full	26.760	28.59	PASS
N41-2545-2655	30	30	DFT-64QAM	M	Outer_Full	26.755	28.39	PASS
N41-2545-2655	30	30	DFT-256QAM	M	Outer_Full	26.774	28.43	PASS
N41-2545-2655	30	40	DFT-PI2BPSK	M	Outer_Full	35.679	37.59	PASS
N41-2545-2655	30	40	DFT-QPSK	M	Outer_Full	35.719	37.43	PASS



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Reference No.: W7L-P24090006RF01

N41-2545-2655	30	40	DFT-16QAM	M	Outer_Full	35.782	37.66	PASS
N41-2545-2655	30	40	DFT-64QAM	M	Outer_Full	35.757	37.66	PASS
N41-2545-2655	30	40	DFT-256QAM	M	Outer_Full	35.738	37.49	PASS
N41-2545-2655	30	50	DFT-PI2BPSK	M	Outer_Full	45.731	47.79	PASS
N41-2545-2655	30	50	DFT-QPSK	M	Outer_Full	45.702	47.62	PASS
N41-2545-2655	30	50	DFT-16QAM	M	Outer_Full	45.724	47.67	PASS
N41-2545-2655	30	50	DFT-64QAM	M	Outer_Full	45.684	47.76	PASS
N41-2545-2655	30	50	DFT-256QAM	M	Outer_Full	45.689	47.87	PASS
N41-2545-2655	30	60	DFT-PI2BPSK	M	Outer_Full	57.759	60.07	PASS
N41-2545-2655	30	60	DFT-QPSK	M	Outer_Full	57.857	60.06	PASS
N41-2545-2655	30	60	DFT-16QAM	M	Outer_Full	57.727	60.14	PASS
N41-2545-2655	30	60	DFT-64QAM	M	Outer_Full	57.768	60.23	PASS
N41-2545-2655	30	60	DFT-256QAM	M	Outer_Full	57.772	60.05	PASS
N41-2545-2655	30	70	DFT-PI2BPSK	M	Outer_Full	64.136	66.79	PASS
N41-2545-2655	30	70	DFT-QPSK	M	Outer_Full	64.203	66.83	PASS
N41-2545-2655	30	70	DFT-16QAM	M	Outer_Full	64.153	66.75	PASS
N41-2545-2655	30	70	DFT-64QAM	M	Outer_Full	64.113	66.58	PASS
N41-2545-2655	30	70	DFT-256QAM	M	Outer_Full	64.097	66.65	PASS
N41-2545-2655	30	80	DFT-PI2BPSK	M	Outer_Full	76.999	79.87	PASS
N41-2545-2655	30	80	DFT-QPSK	M	Outer_Full	77.002	79.81	PASS
N41-2545-2655	30	80	DFT-16QAM	M	Outer_Full	76.772	79.72	PASS
N41-2545-2655	30	80	DFT-64QAM	M	Outer_Full	77.073	79.73	PASS
N41-2545-2655	30	80	DFT-256QAM	M	Outer_Full	76.954	79.66	PASS
N41-2545-2655	30	90	DFT-PI2BPSK	M	Outer_Full	86.534	89.57	PASS
N41-2545-2655	30	90	DFT-QPSK	M	Outer_Full	86.421	89.55	PASS
N41-2545-2655	30	90	DFT-16QAM	M	Outer_Full	86.664	89.60	PASS
N41-2545-2655	30	90	DFT-64QAM	M	Outer_Full	86.271	89.55	PASS

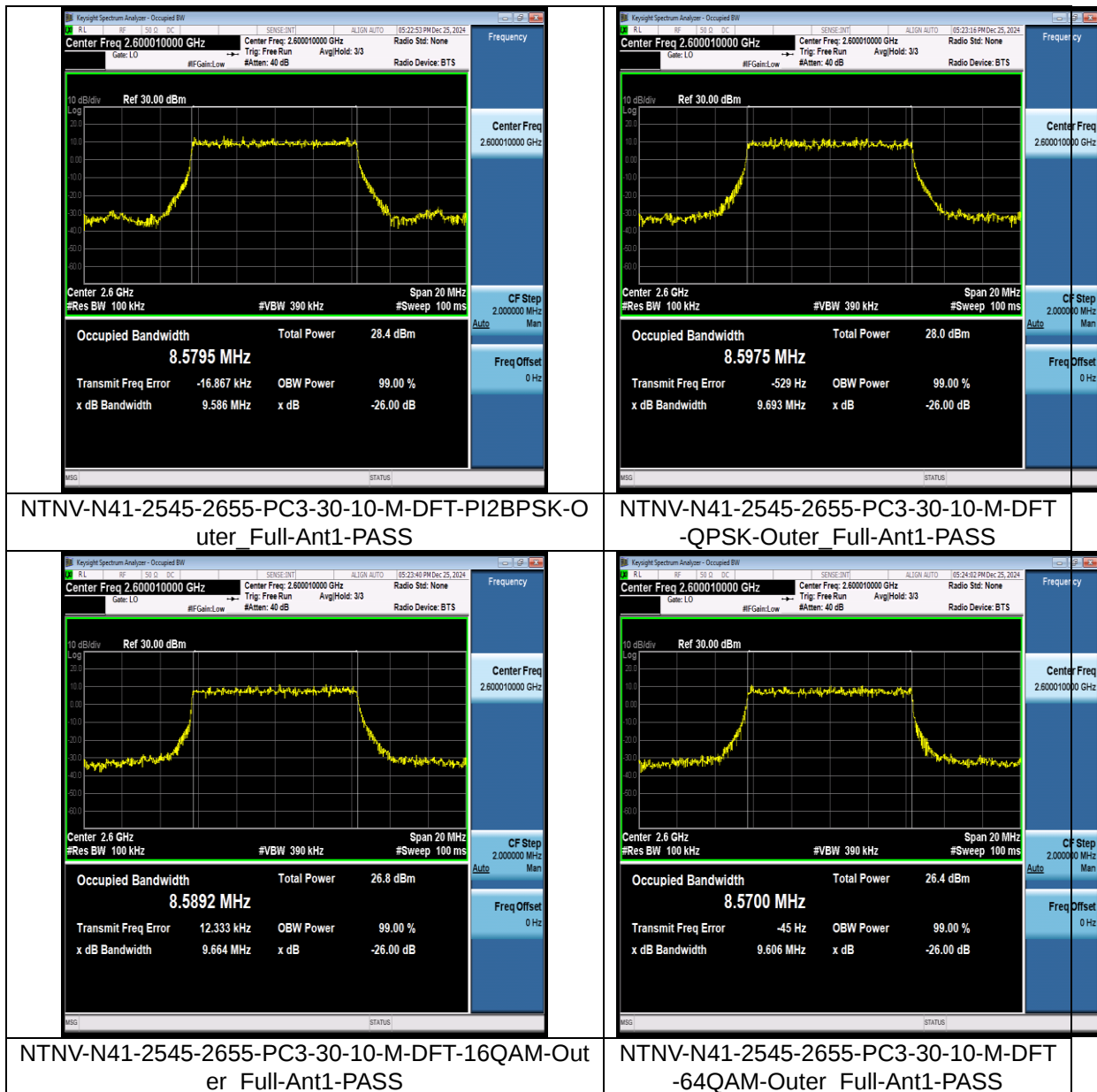


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Reference No.: W7L-P24090006RF01

N41-2545 -2655	30	90	DFT-256QAM	M	Outer_Full	86.337	89.54	PASS
N41-2545 -2655	30	100	DFT-PI2BPSK	M	Outer_Full	96.006	99.47	PASS
N41-2545 -2655	30	100	DFT-QPSK	M	Outer_Full	96.100	99.49	PASS
N41-2545 -2655	30	100	DFT-16QAM	M	Outer_Full	96.131	99.83	PASS
N41-2545 -2655	30	100	DFT-64QAM	M	Outer_Full	96.029	99.38	PASS
N41-2545 -2655	30	100	DFT-256QAM	M	Outer_Full	96.005	99.62	PASS

TEST GRAPHS



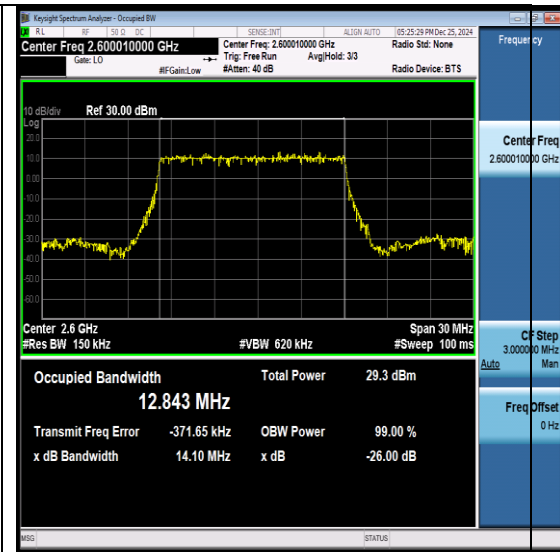


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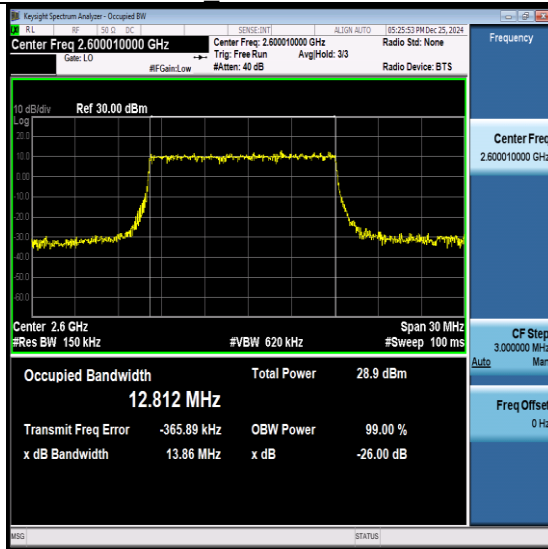
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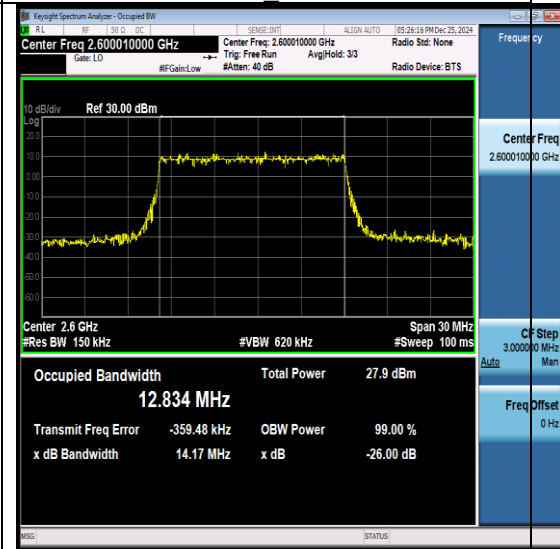
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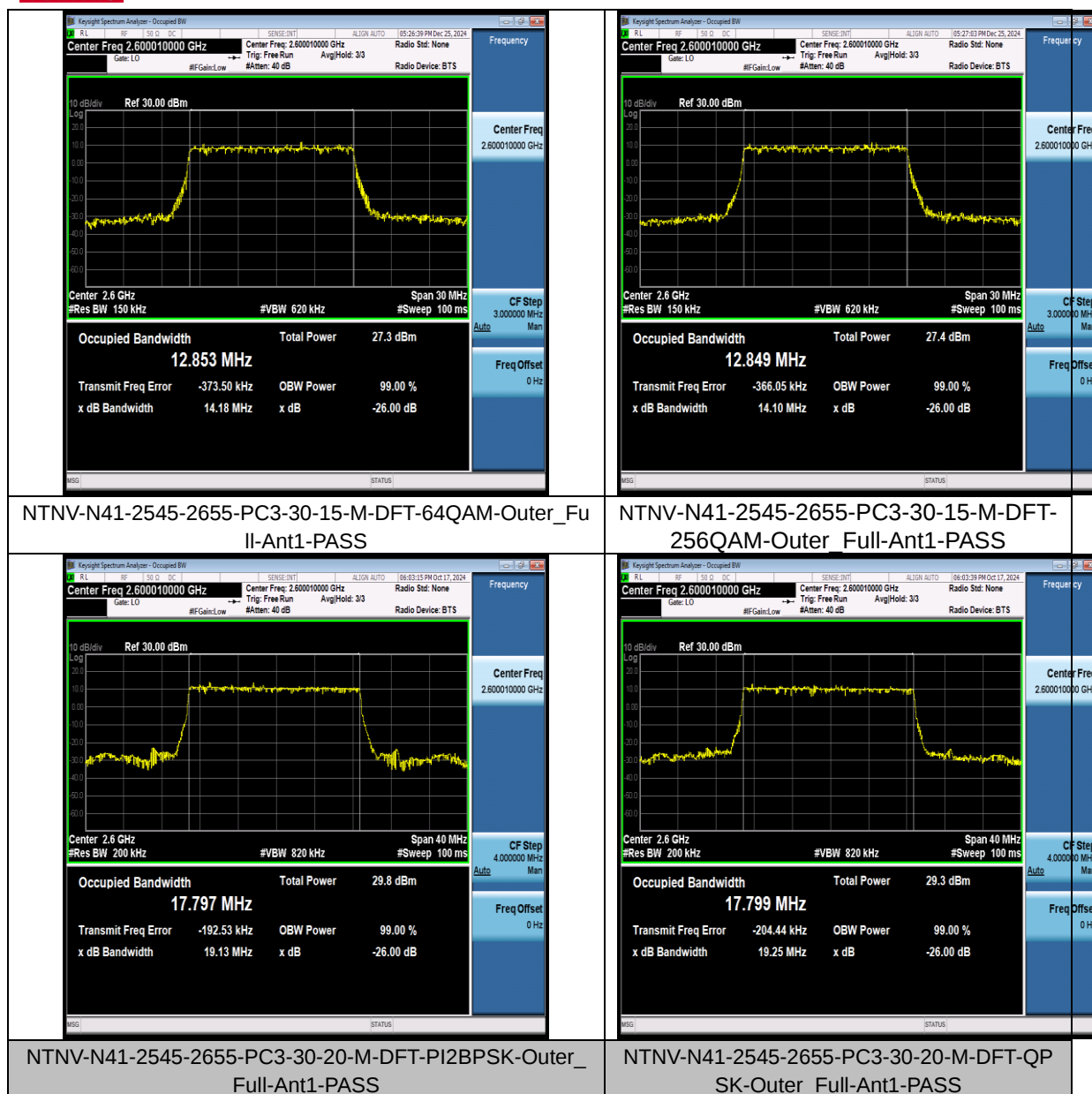
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NTNV-N41-2545-2655-PC3-30-15-M-DFT-16QAM-Outer Full-Ant1-PASS



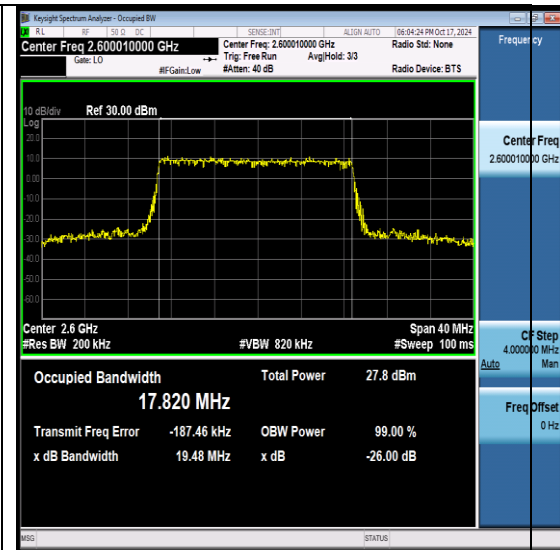


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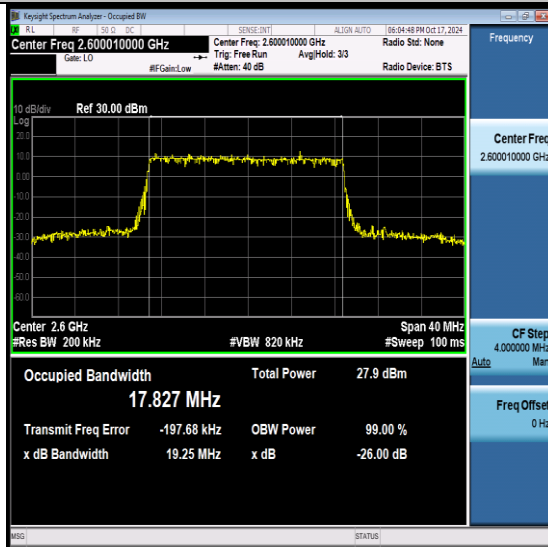
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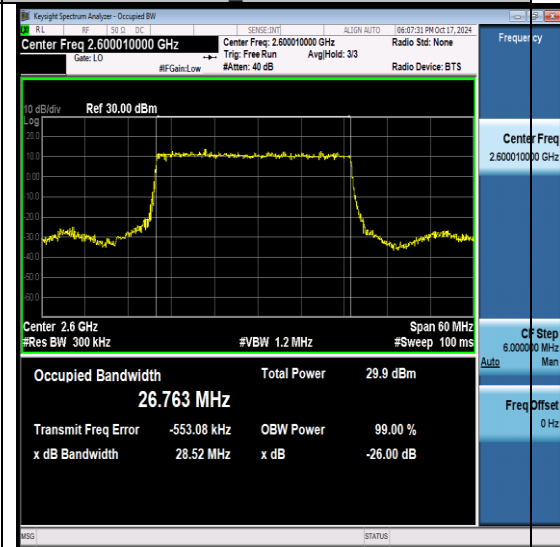
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NTNV-N41-2545-2655-PC3-30-20-M-DFT-256QAM-Outer_Full-Ant1-PASS

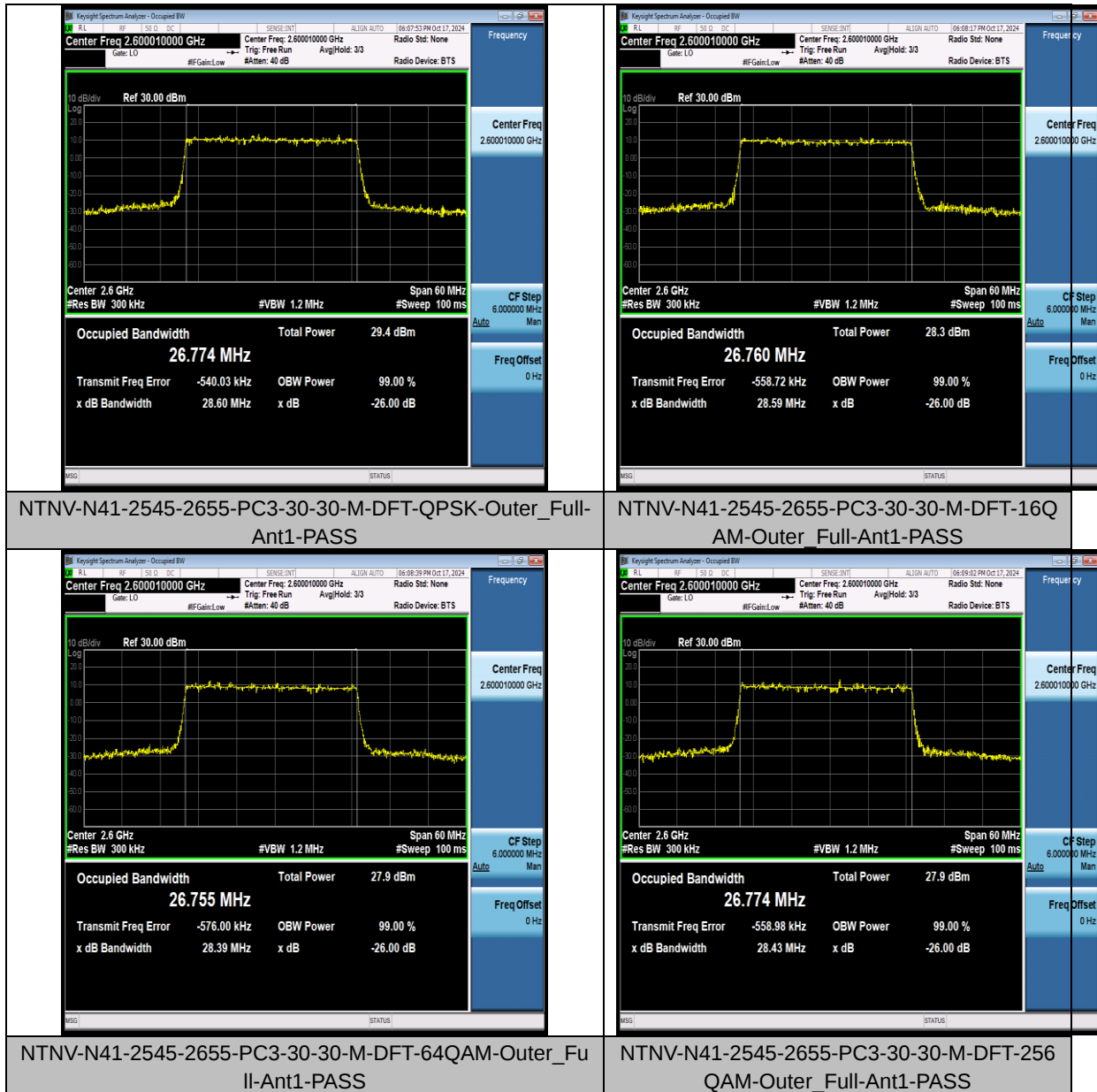


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VERITAS

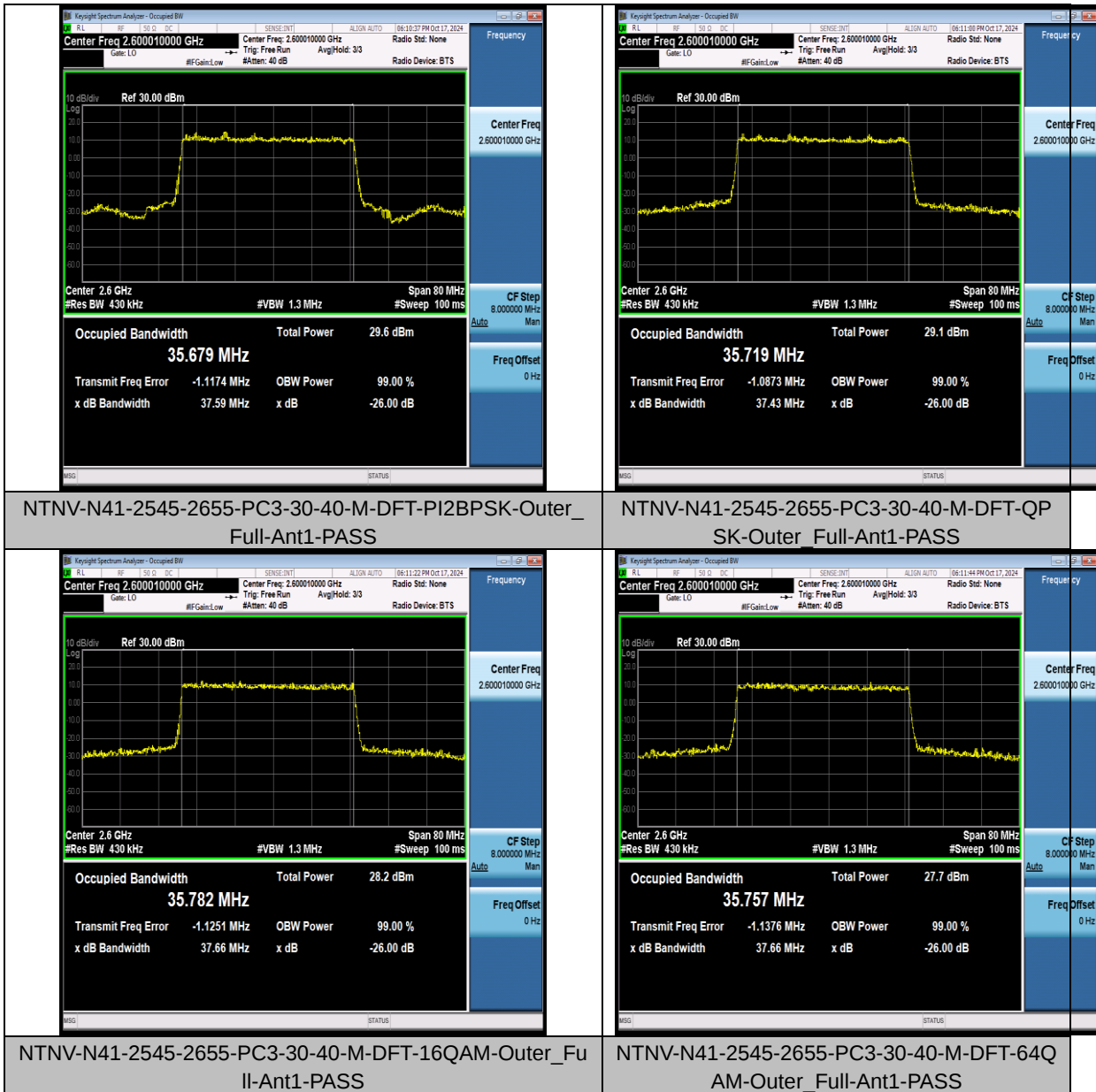
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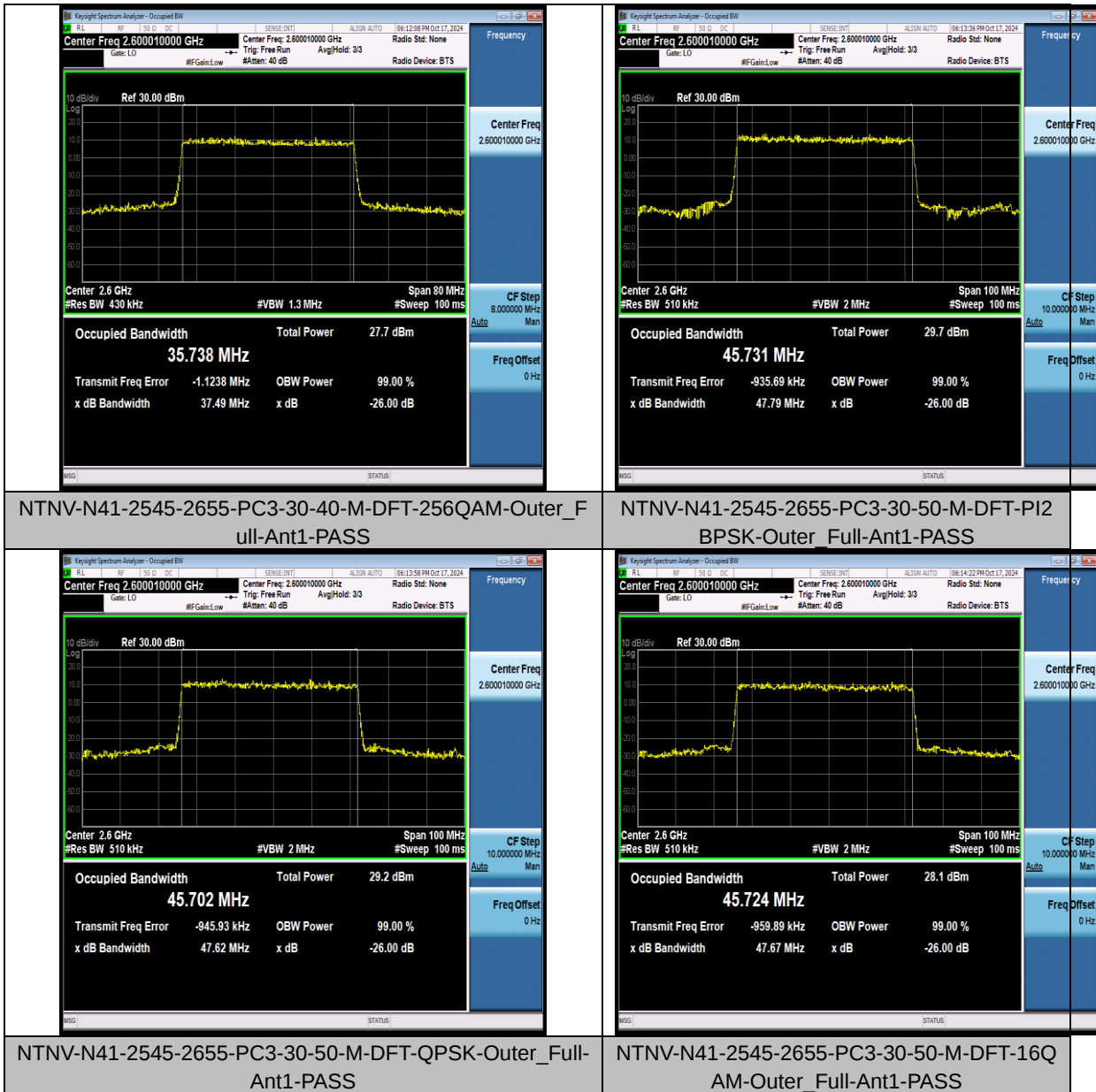
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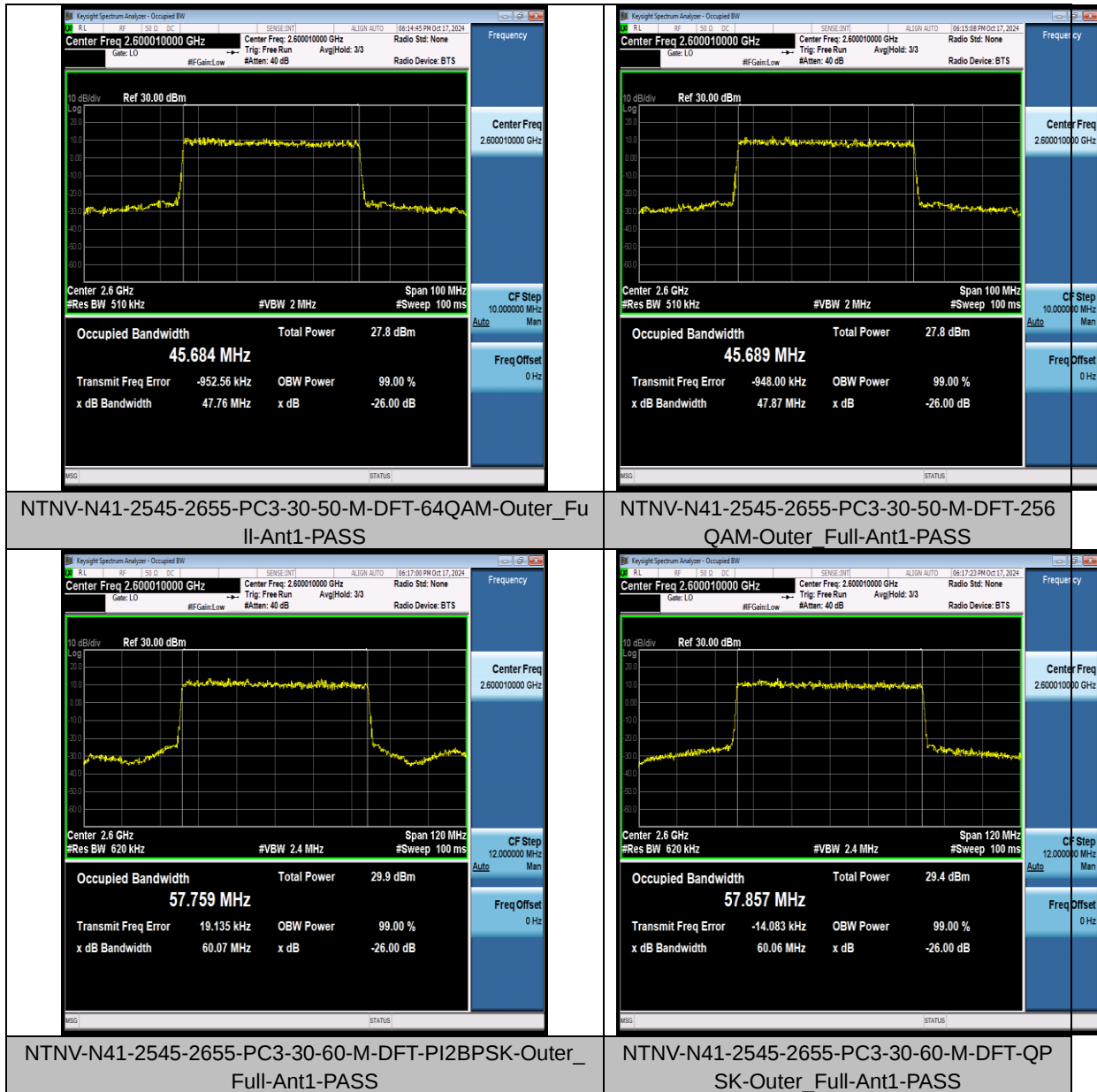
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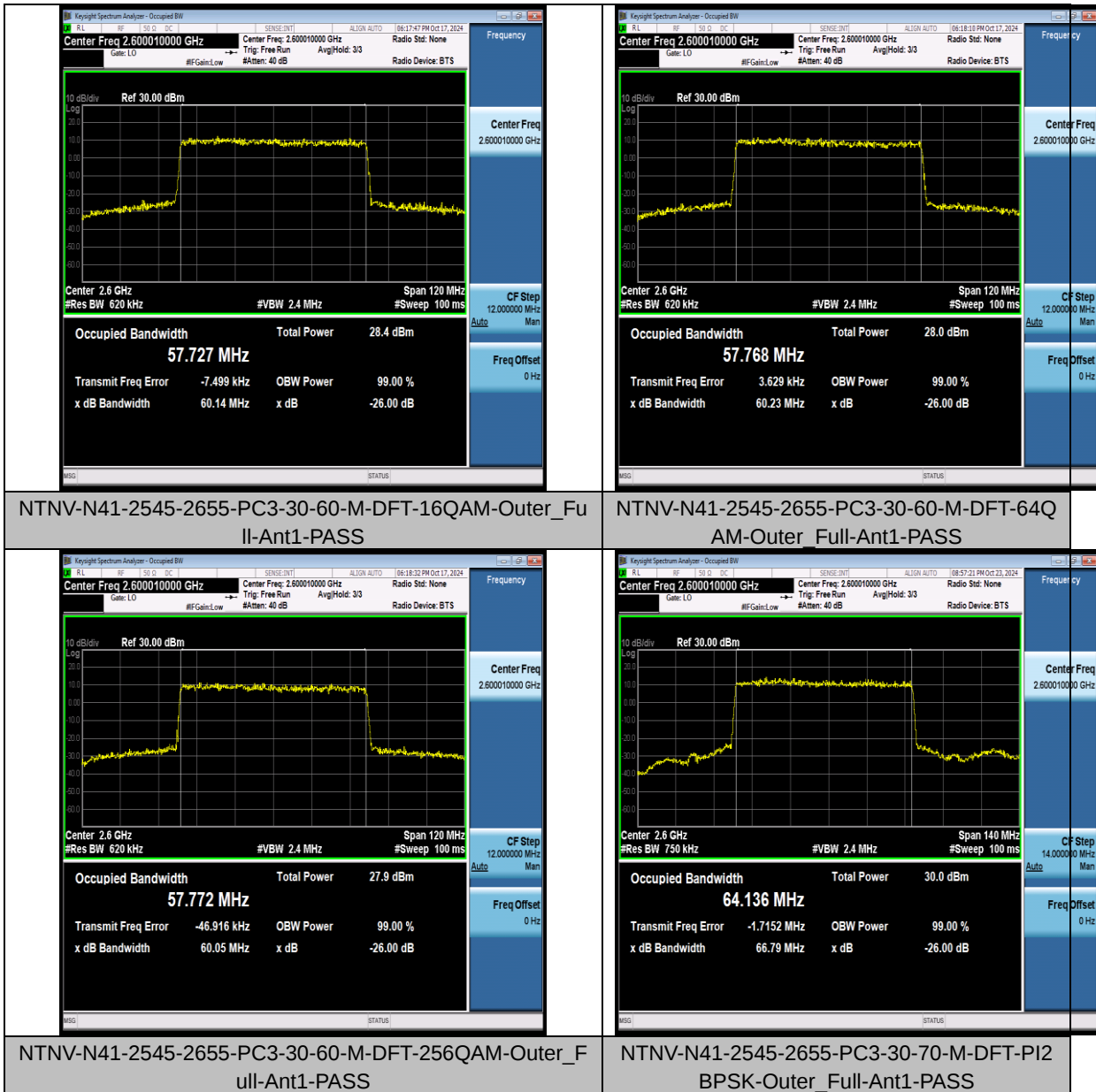
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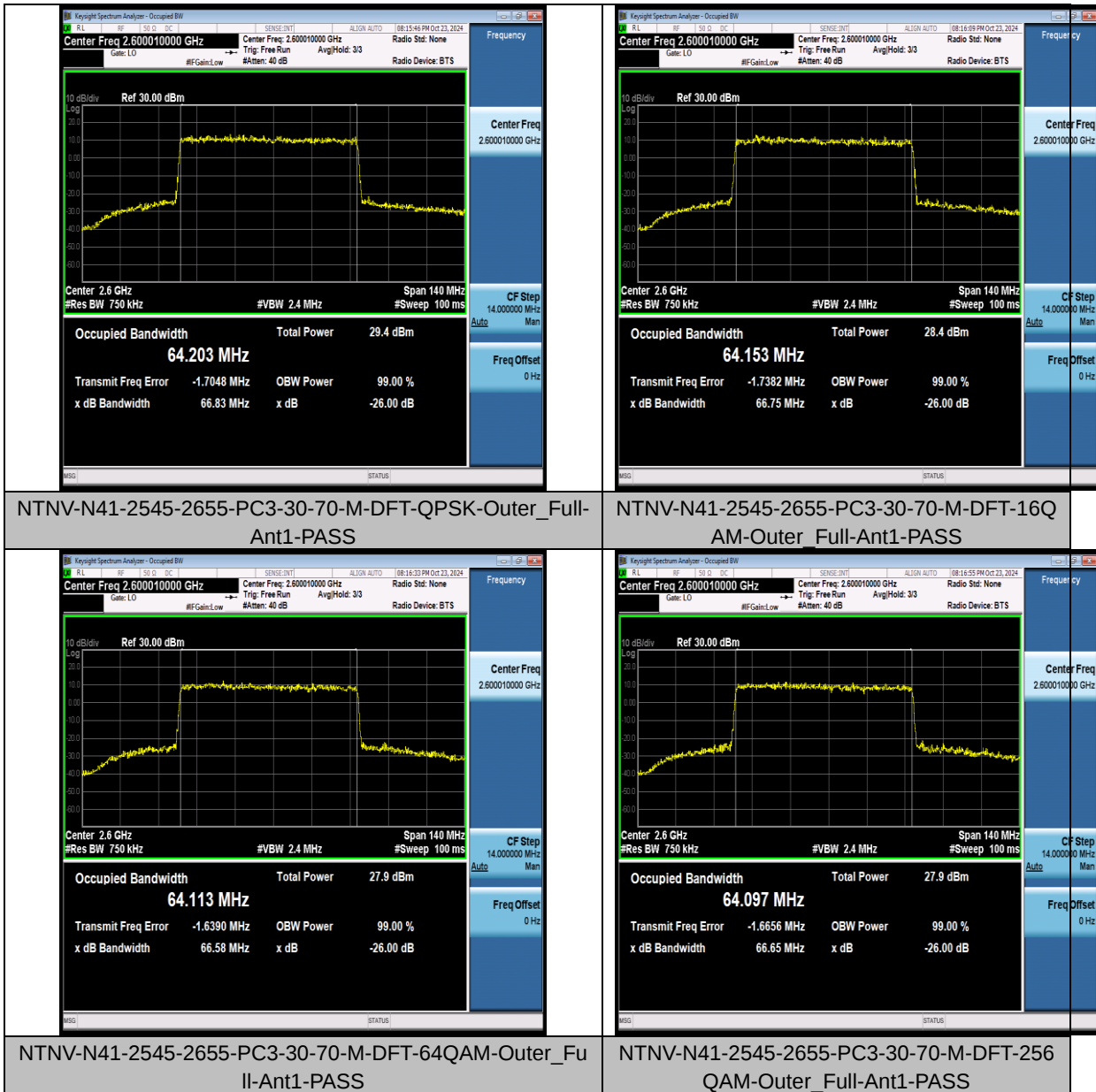
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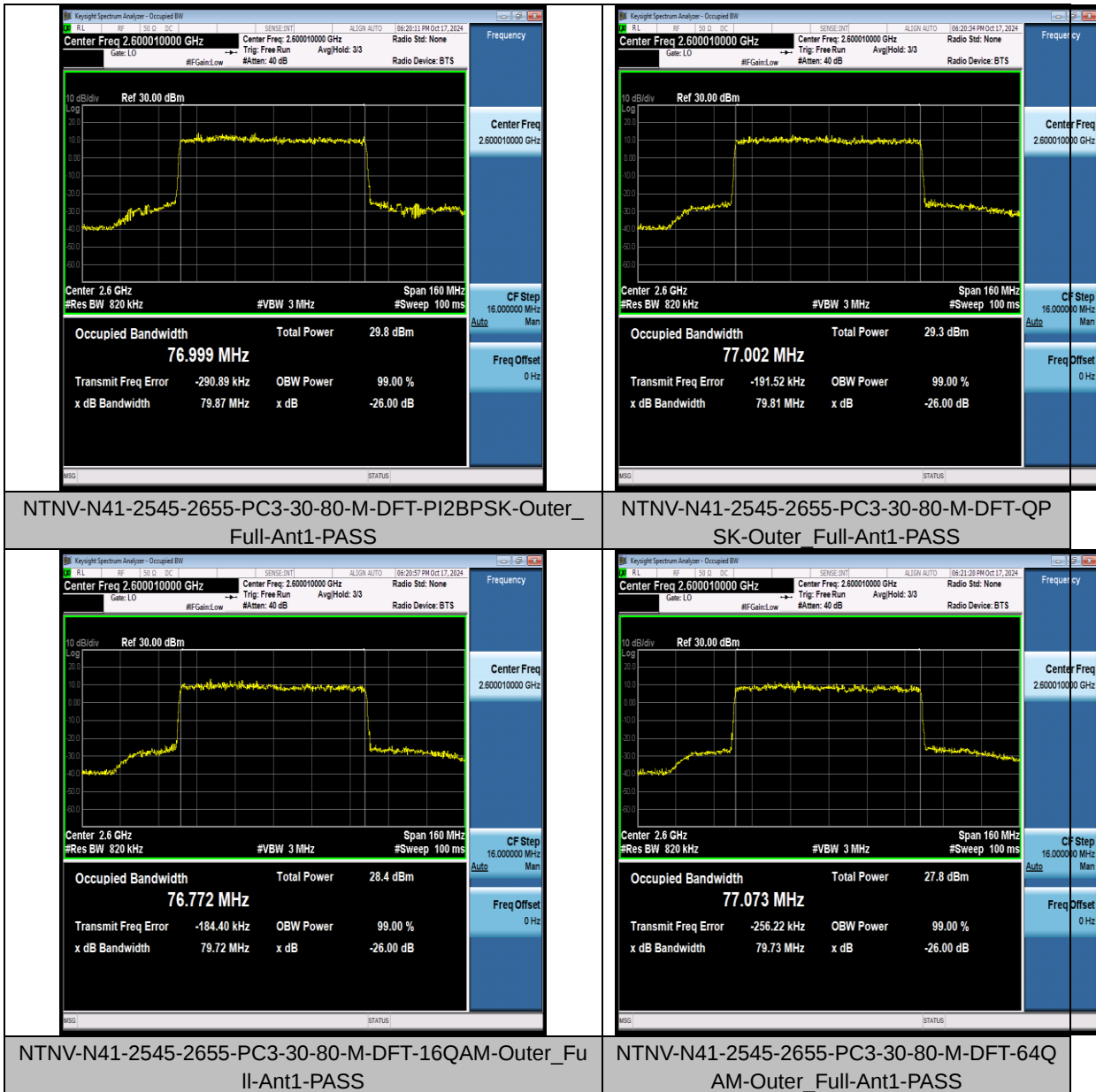
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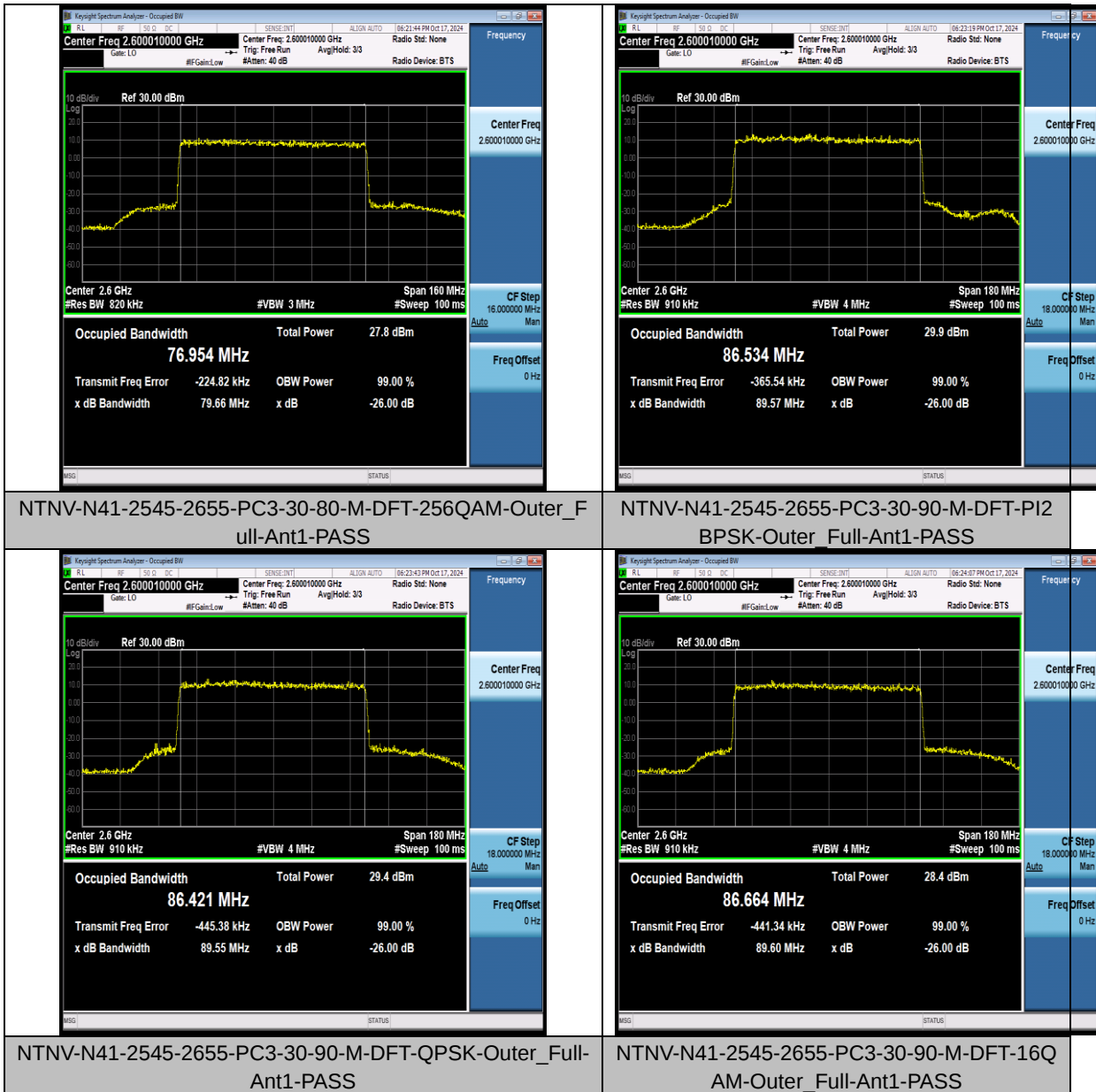
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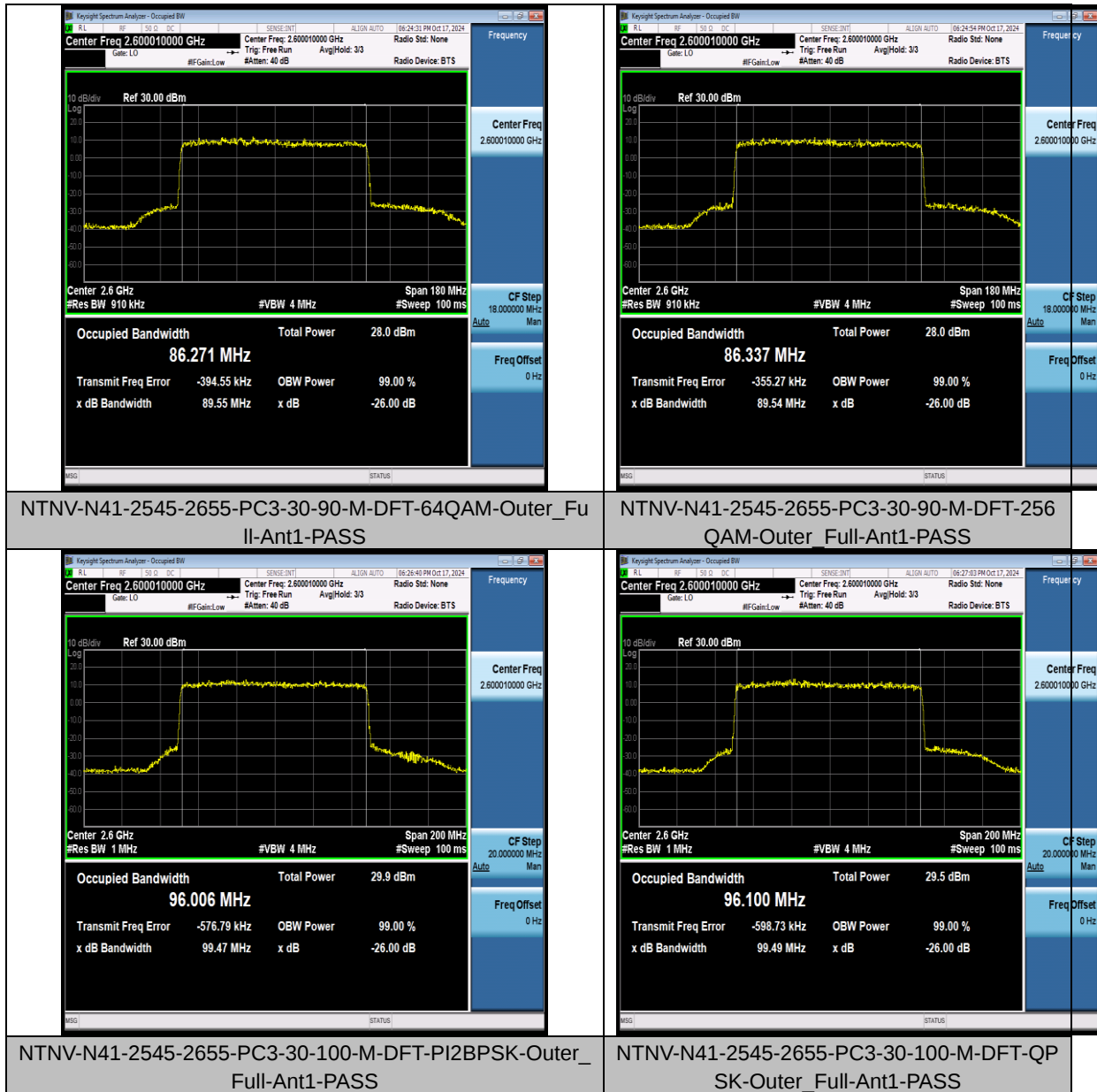
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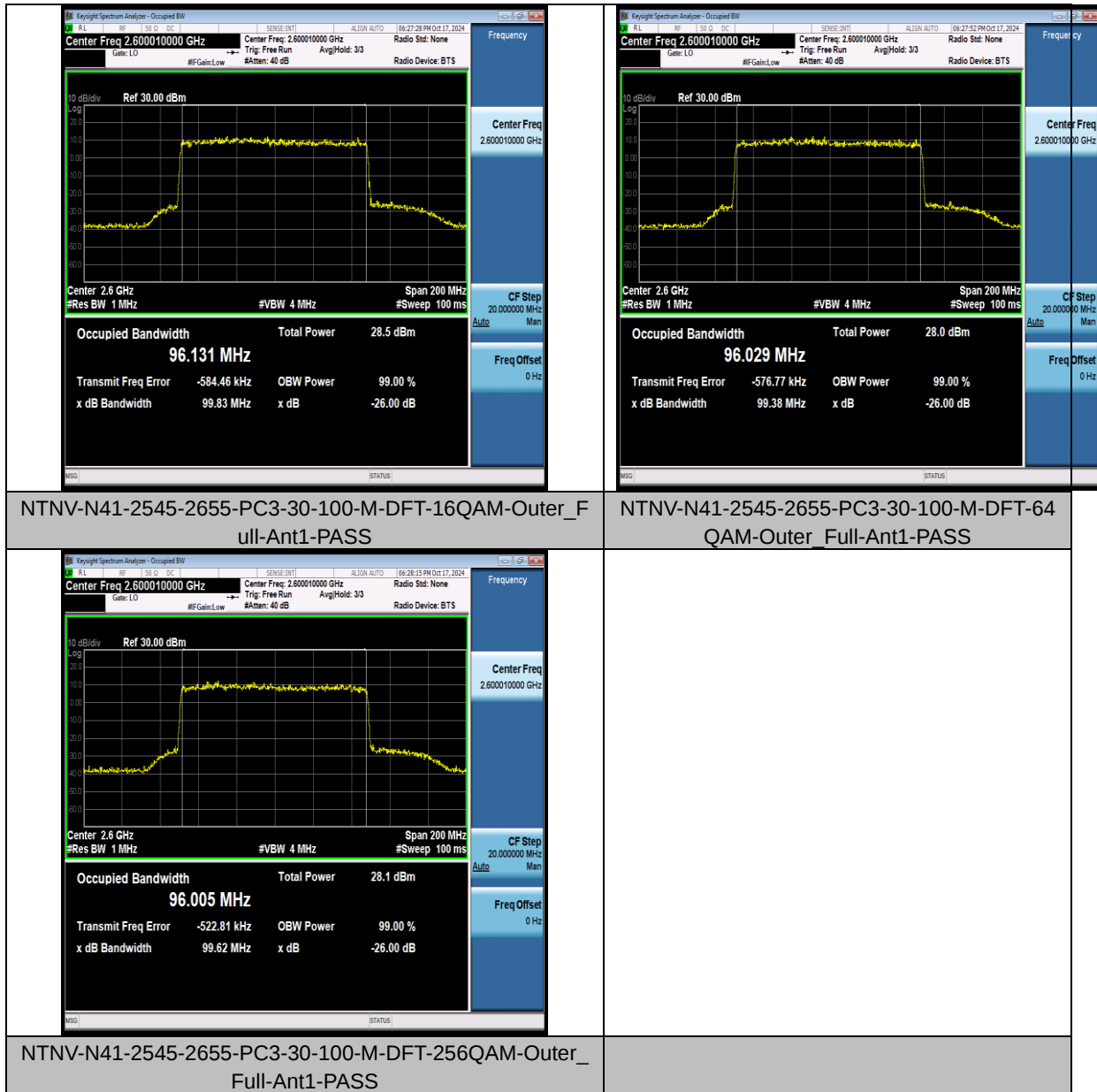
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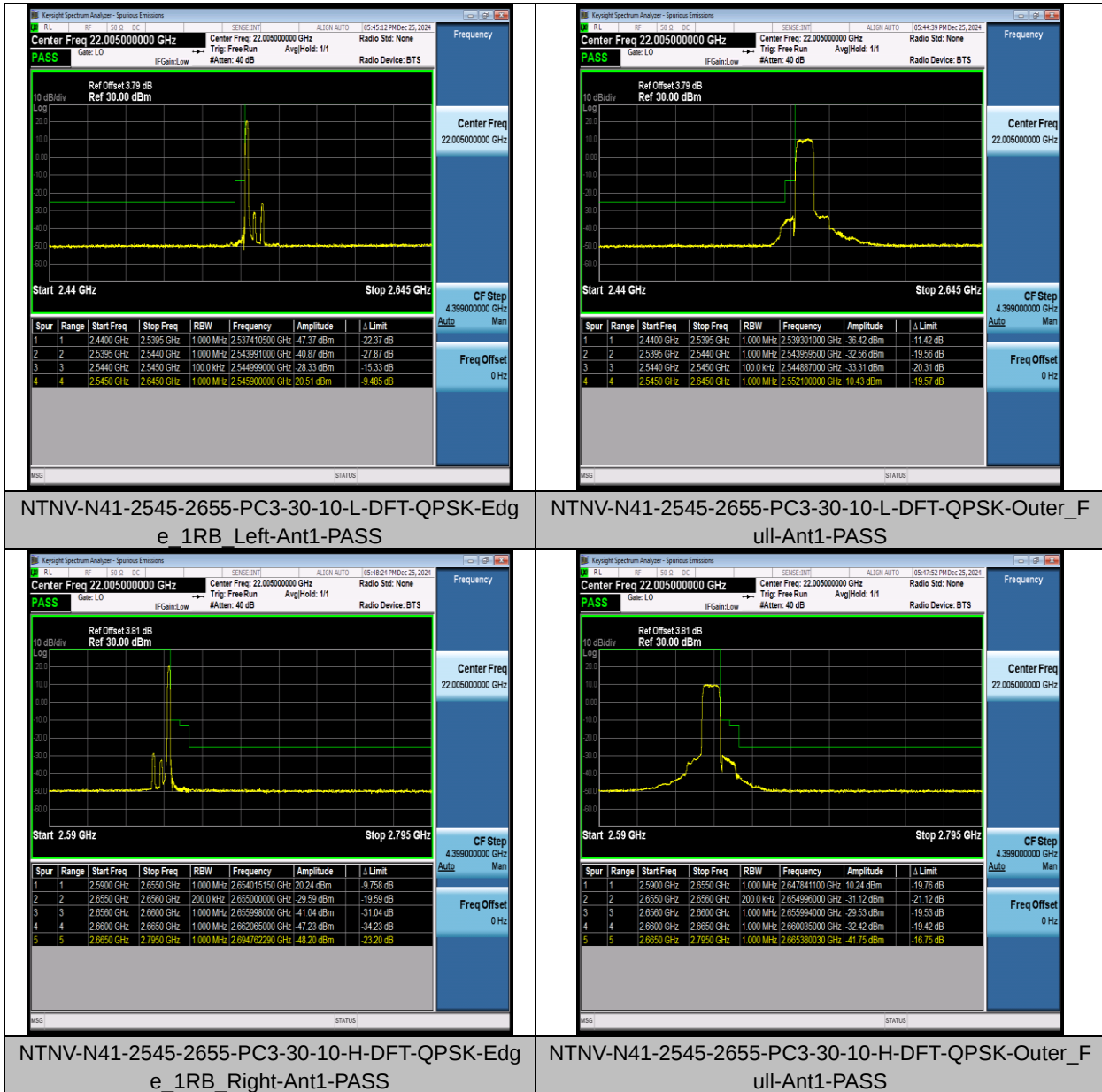
Reference No.: W7L-P24090006RF01



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41-2545-2655	30	10	DFT-QPSK	L	Edge_1RB_Left	-28.33	PASS
N41-2545-2655	30	10	DFT-QPSK	L	Outer_Full	-36.42	PASS
N41-2545-2655	30	10	DFT-QPSK	H	Edge_1RB_Right	-29.59	PASS
N41-2545-2655	30	10	DFT-QPSK	H	Outer_Full	-41.75	PASS
N41-2545-2655	30	60	DFT-QPSK	L	Edge_1RB_Left	-31.43	PASS
N41-2545-2655	30	60	DFT-QPSK	L	Outer_Full	-41.13	PASS
N41-2545-2655	30	60	DFT-QPSK	H	Edge_1RB_Right	-13.74	PASS
N41-2545-2655	30	60	DFT-QPSK	H	Outer_Full	-39.34	PASS
N41-2545-2655	30	100	DFT-QPSK	L	Edge_1RB_Left	-17.30	PASS
N41-2545-2655	30	100	DFT-QPSK	L	Outer_Full	-41.40	PASS
N41-2545-2655	30	100	DFT-QPSK	H	Edge_1RB_Right	-18.22	PASS
N41-2545-2655	30	100	DFT-QPSK	H	Outer_Full	-38.94	PASS

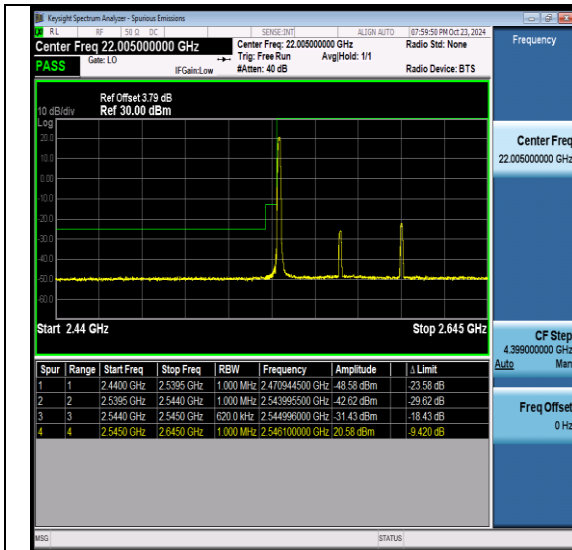
TEST GRAPHS



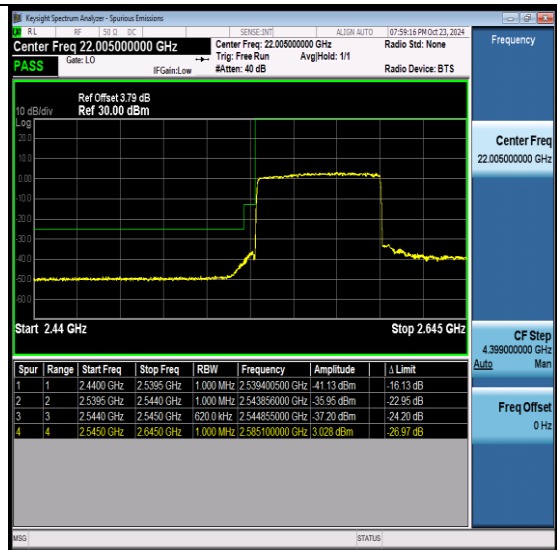


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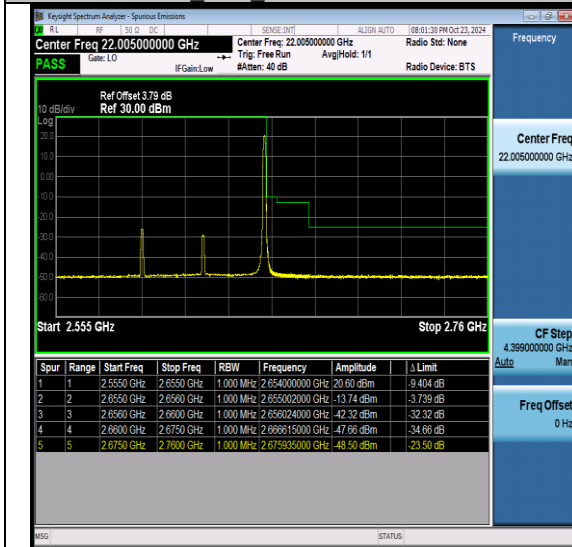
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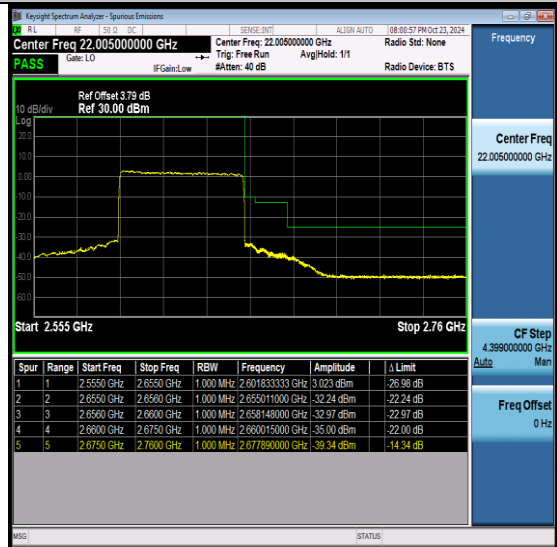
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NTNV-N41-2545-2655-PC3-30-60-L-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N41-2545-2655-PC3-30-60-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

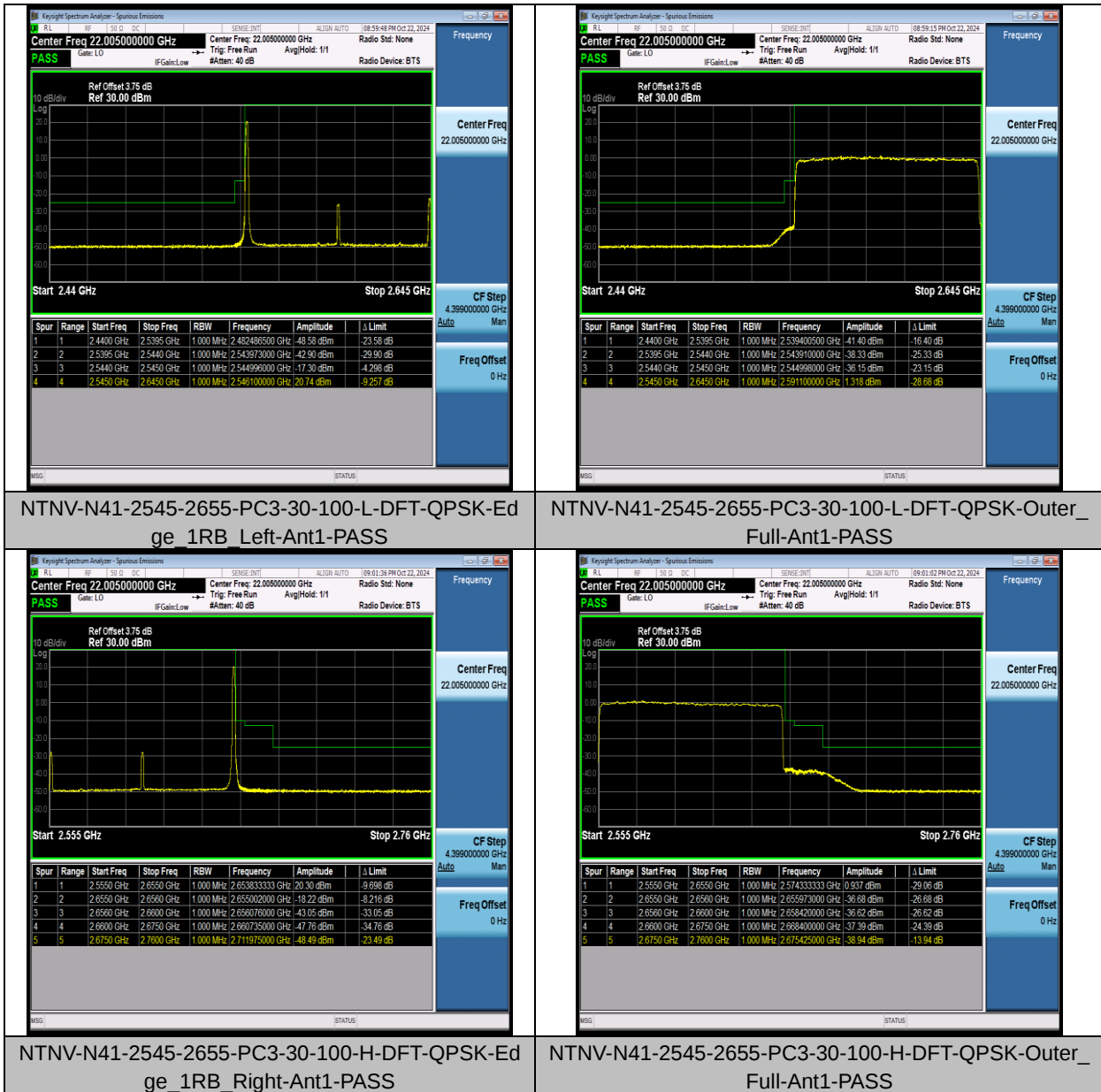


NTNV-N41-2545-2655-PC3-30-60-H-DFT-QPSK-Outer_Full-Ant1-PASS



BUREAU
VERITAS

Reference No.: W7L-P24090006RF01





Reference No.: W7L-P24090006RF01

CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N41-2 545-26 55	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-47.76	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.97	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-51.57	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-47.74	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.67	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-51.23	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-47.60	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.85	-25	PASS
N41-2 545-26 55	30	10	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.76	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.24	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.84	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-51.06	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.29	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.43	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-51.27	-25	PASS



**BUREAU
VERITAS**

Reference No.: W7L-P24090006RF01

N41-2 545-26 55	30	60	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.37	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-38.96	-25	PASS
N41-2 545-26 55	30	60	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.52	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	L	Edge_1RB_Left	30	1000	-48.27	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	L	Edge_1RB_Left	1000	10000	-38.67	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	L	Edge_1RB_Left	10000	27000	-51.37	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	M	Edge_1RB_Left	30	1000	-48.39	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	M	Edge_1RB_Left	1000	10000	-38.38	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	M	Edge_1RB_Left	10000	27000	-51.56	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	H	Edge_1RB_Left	30	1000	-48.25	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	H	Edge_1RB_Left	1000	10000	-39.00	-25	PASS
N41-2 545-26 55	30	100	DFT-QPSK	H	Edge_1RB_Left	10000	27000	-51.22	-25	PASS

TEST GRAPHS

