

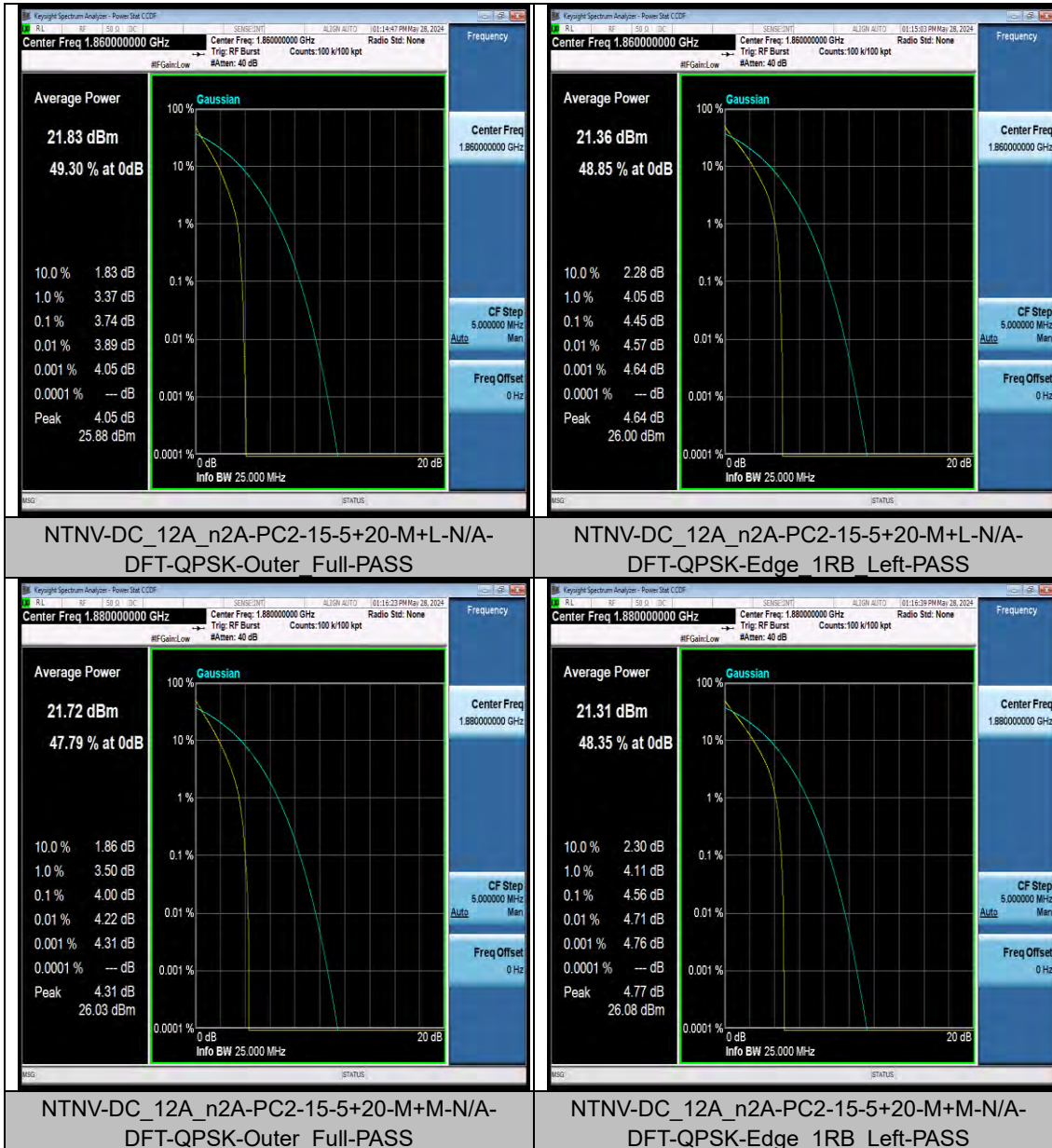
APPENDIX A

DC_12A_N2A PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
DC_12A_n 2A	15	5+20	DFT-QPSK	M+L	Outer_Full	3.74	≤13	PASS
DC_12A_n 2A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	4.45	≤13	PASS
DC_12A_n 2A	15	5+20	DFT-QPSK	M+M	Outer_Full	4.00	≤13	PASS
DC_12A_n 2A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	4.56	≤13	PASS
DC_12A_n 2A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	3.90	≤13	PASS
DC_12A_n 2A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	4.58	≤13	PASS

TEST GRAPHS





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VERITAS

Reference No.: W7L-240430W002RF01





Reference No.: W7L-240430W002RF01

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR NSA

TEST RESULT

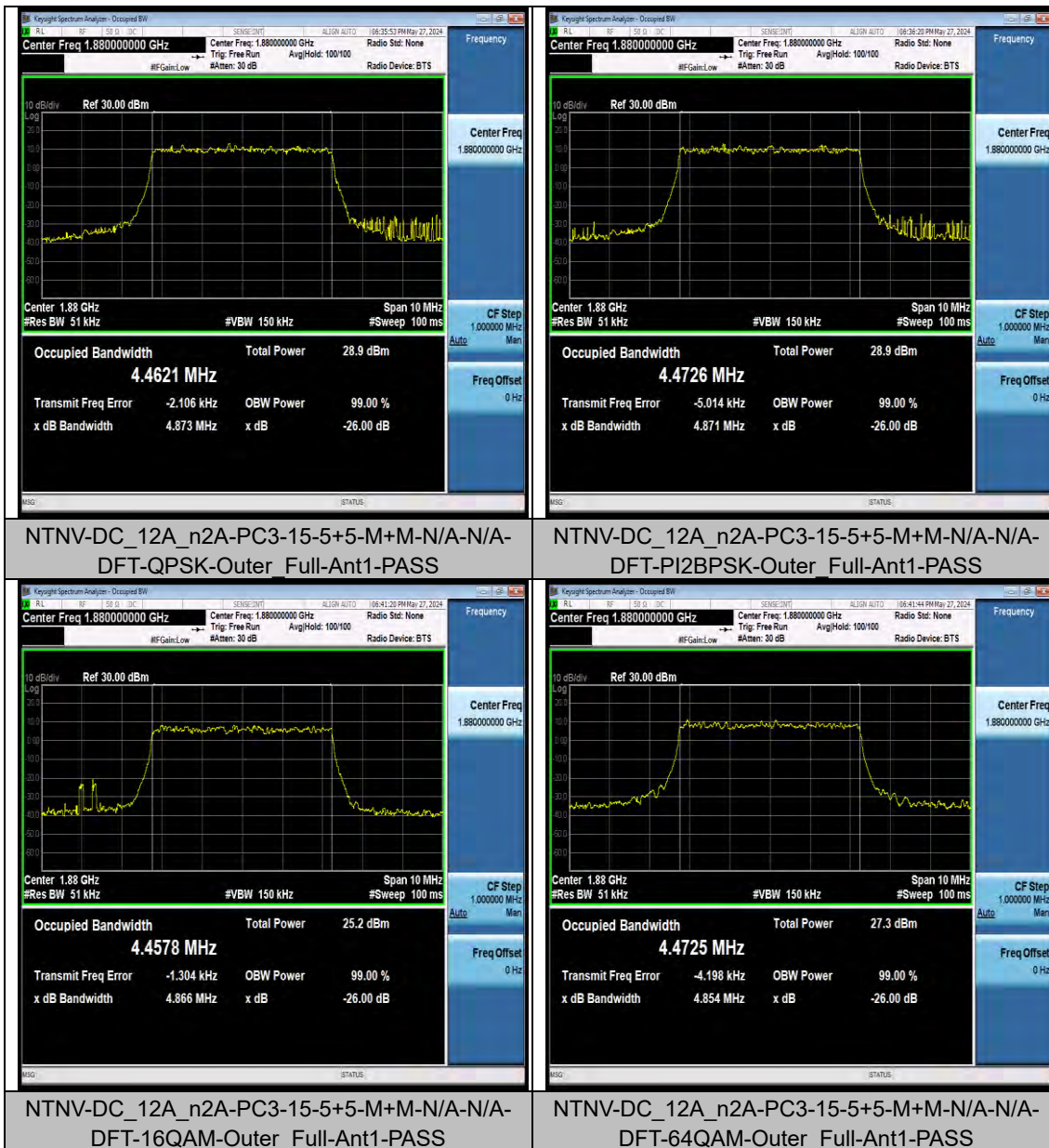
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_12A_n2A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.4621	4.873	PASS
DC_12A_n2A	15	5+5	DFT-PI2BPSK	M+M	Outer_Full	4.4726	4.871	PASS
DC_12A_n2A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.4578	4.866	PASS
DC_12A_n2A	15	5+5	DFT-64QAM	M+M	Outer_Full	4.4725	4.854	PASS
DC_12A_n2A	15	5+5	DFT-256QAM	M+M	Outer_Full	4.4803	4.852	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.9009	9.608	PASS
DC_12A_n2A	15	5+10	DFT-PI2BPSK	M+M	Outer_Full	8.9270	9.529	PASS
DC_12A_n2A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.9391	9.495	PASS
DC_12A_n2A	15	5+10	DFT-64QAM	M+M	Outer_Full	8.9216	9.460	PASS
DC_12A_n2A	15	5+10	DFT-256QAM	M+M	Outer_Full	8.9159	9.414	PASS
DC_12A_n2A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.377	14.14	PASS
DC_12A_n2A	15	5+15	DFT-PI2BPSK	M+M	Outer_Full	13.413	14.19	PASS
DC_12A_n2A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.400	14.09	PASS
DC_12A_n2A	15	5+15	DFT-64QAM	M+M	Outer_Full	13.393	14.59	PASS
DC_12A_n2A	15	5+15	DFT-256QAM	M+M	Outer_Full	13.409	14.11	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.845	18.74	PASS
DC_12A_n2A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	17.840	18.87	PASS
DC_12A_n2A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.890	18.87	PASS
DC_12A_n2A	15	5+20	DFT-64QAM	M+M	Outer_Full	17.873	18.71	PASS
DC_12A_n2A	15	5+20	DFT-256QAM	M+M	Outer_Full	17.851	20.01	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.4566	4.850	PASS
DC_12A_n2A	15	5+5	DFT-PI2BPSK	M+M	Outer_Full	4.4696	4.901	PASS
DC_12A_n2A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.4588	4.860	PASS
DC_12A_n2A	15	5+5	DFT-64QAM	M+M	Outer_Full	4.4748	4.880	PASS
DC_12A_n2A	15	5+5	DFT-256QAM	M+M	Outer_Full	4.4799	4.849	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.8915	9.517	PASS
DC_12A_n2A	15	5+10	DFT-PI2BPSK	M+M	Outer_Full	8.9164	9.491	PASS
DC_12A_n2A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.9439	9.486	PASS
DC_12A_n2A	15	5+10	DFT-64QAM	M+M	Outer_Full	8.9152	9.464	PASS
DC_12A_n2A	15	5+10	DFT-256QAM	M+M	Outer_Full	8.9135	9.416	PASS
DC_12A_n2A	15	5+15	DFT-PI2BPSK	M+M	Outer_Full	13.438	14.17	PASS
DC_12A_n2A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.398	14.14	PASS
DC_12A_n2A	15	5+15	DFT-64QAM	M+M	Outer_Full	13.395	14.54	PASS
DC_12A_n2A	15	5+15	DFT-256QAM	M+M	Outer_Full	13.404	14.11	PASS



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			M					
DC_12A_n2A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.851	18.67	PASS
DC_12A_n2A	15	5+20	DFT-PI2BPS K	M+M	Outer_Full	17.835	18.67	PASS
DC_12A_n2A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.872	18.72	PASS
DC_12A_n2A	15	5+20	DFT-64QAM	M+M	Outer_Full	17.870	18.63	PASS
DC_12A_n2A	15	5+20	DFT-256QA M	M+M	Outer_Full	17.856	18.67	PASS
DC_12A_n2A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.376	14.13	PASS

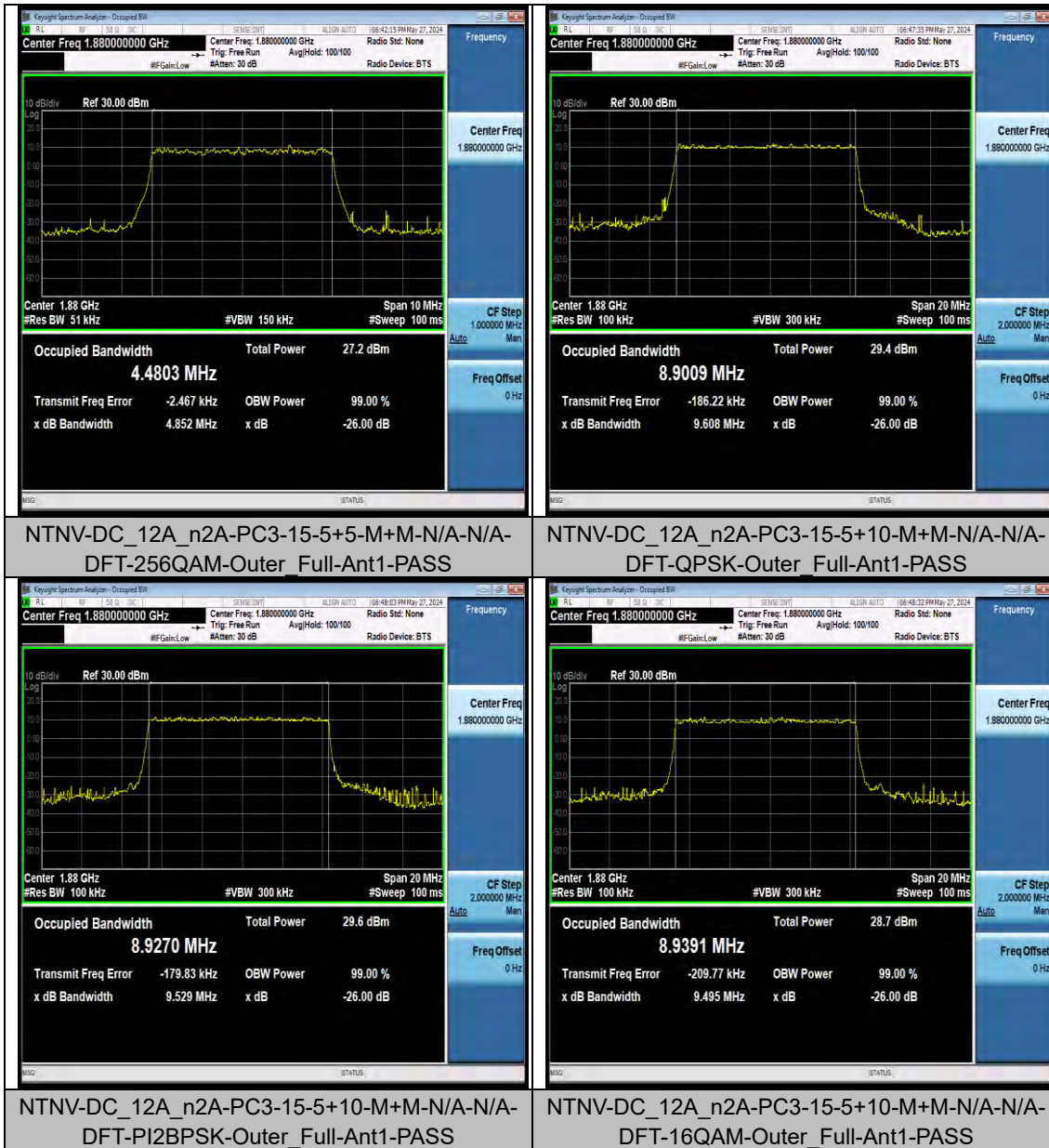
TEST GRAPHS





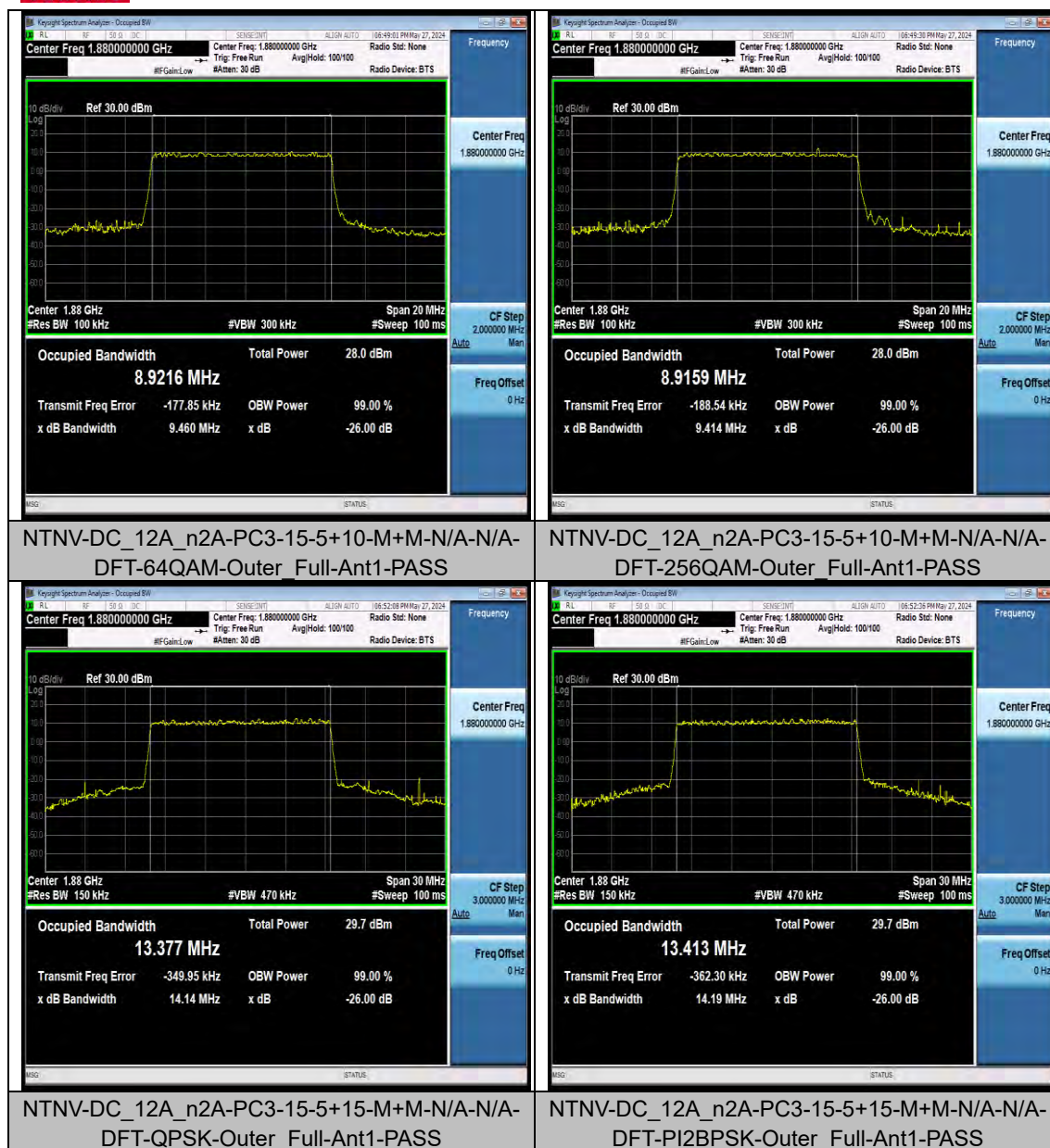
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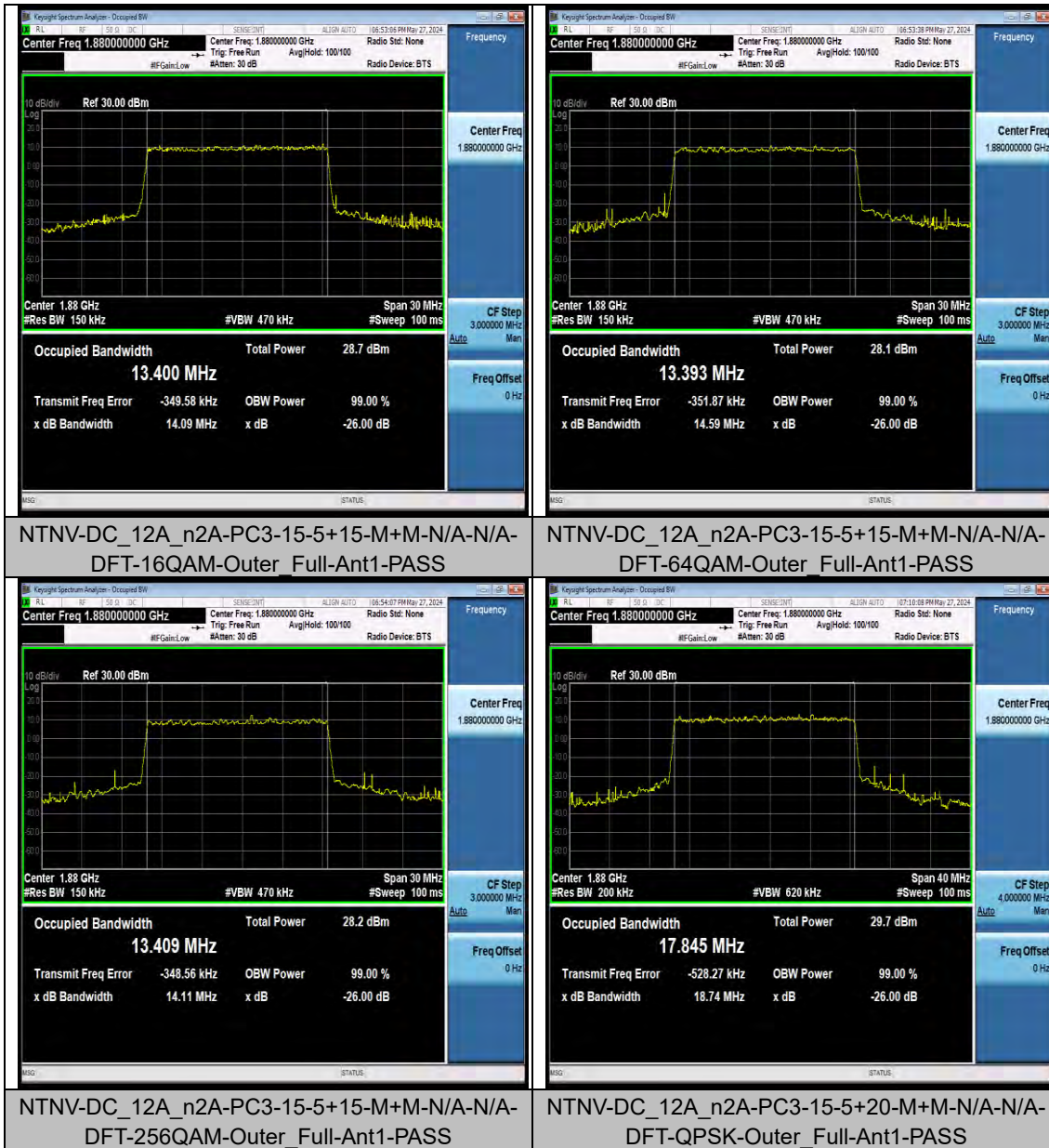
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VERITAS

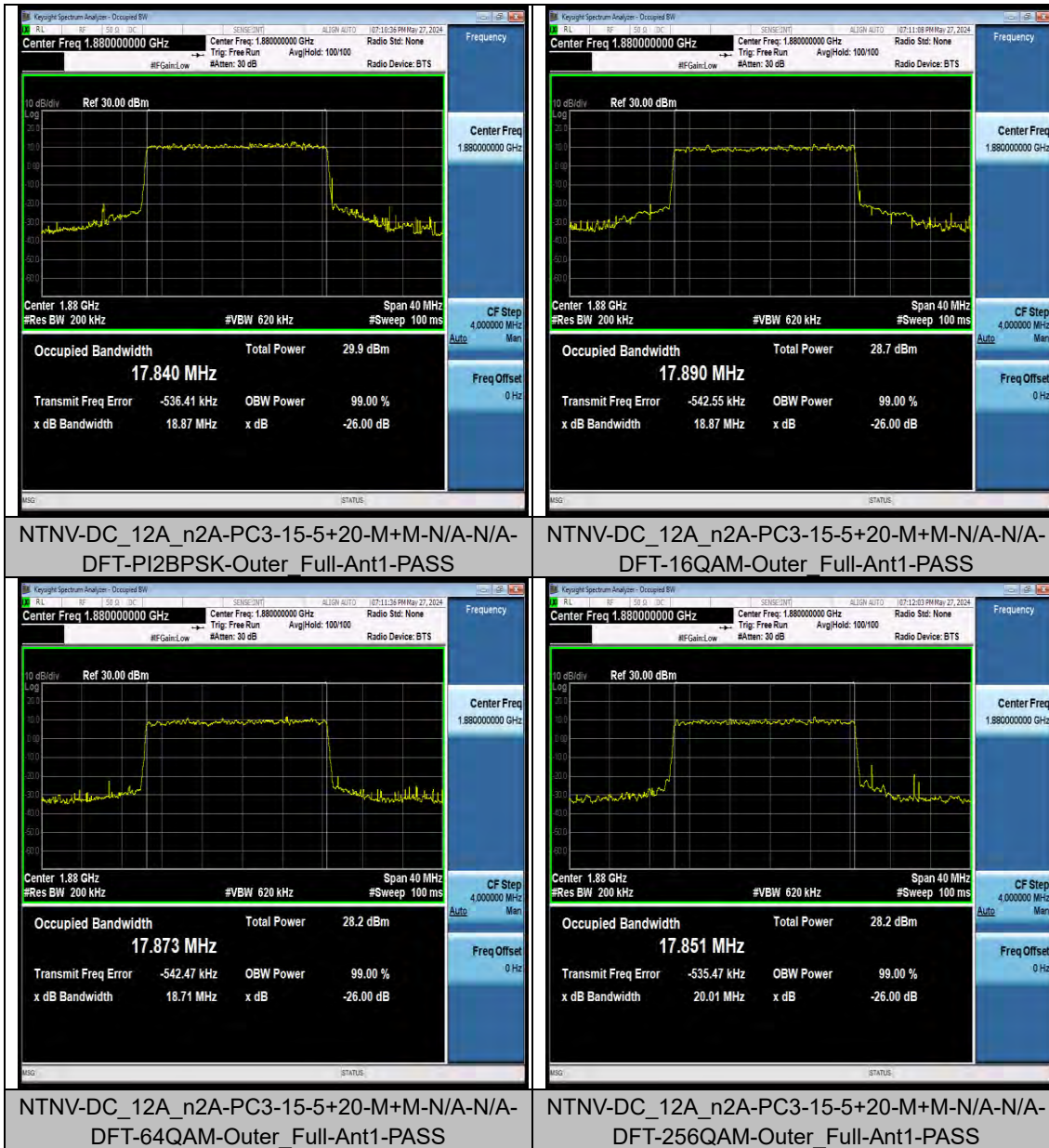
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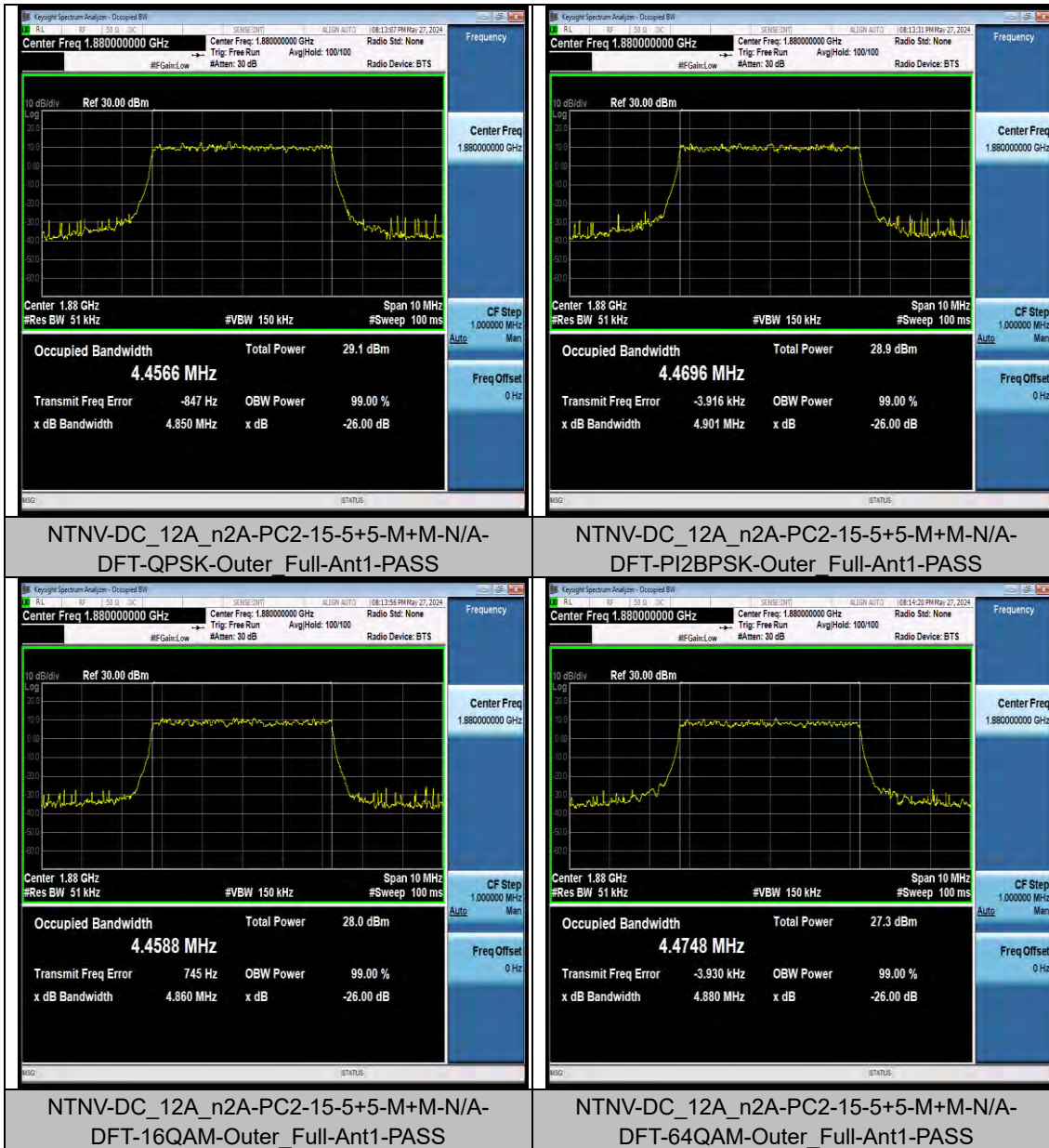
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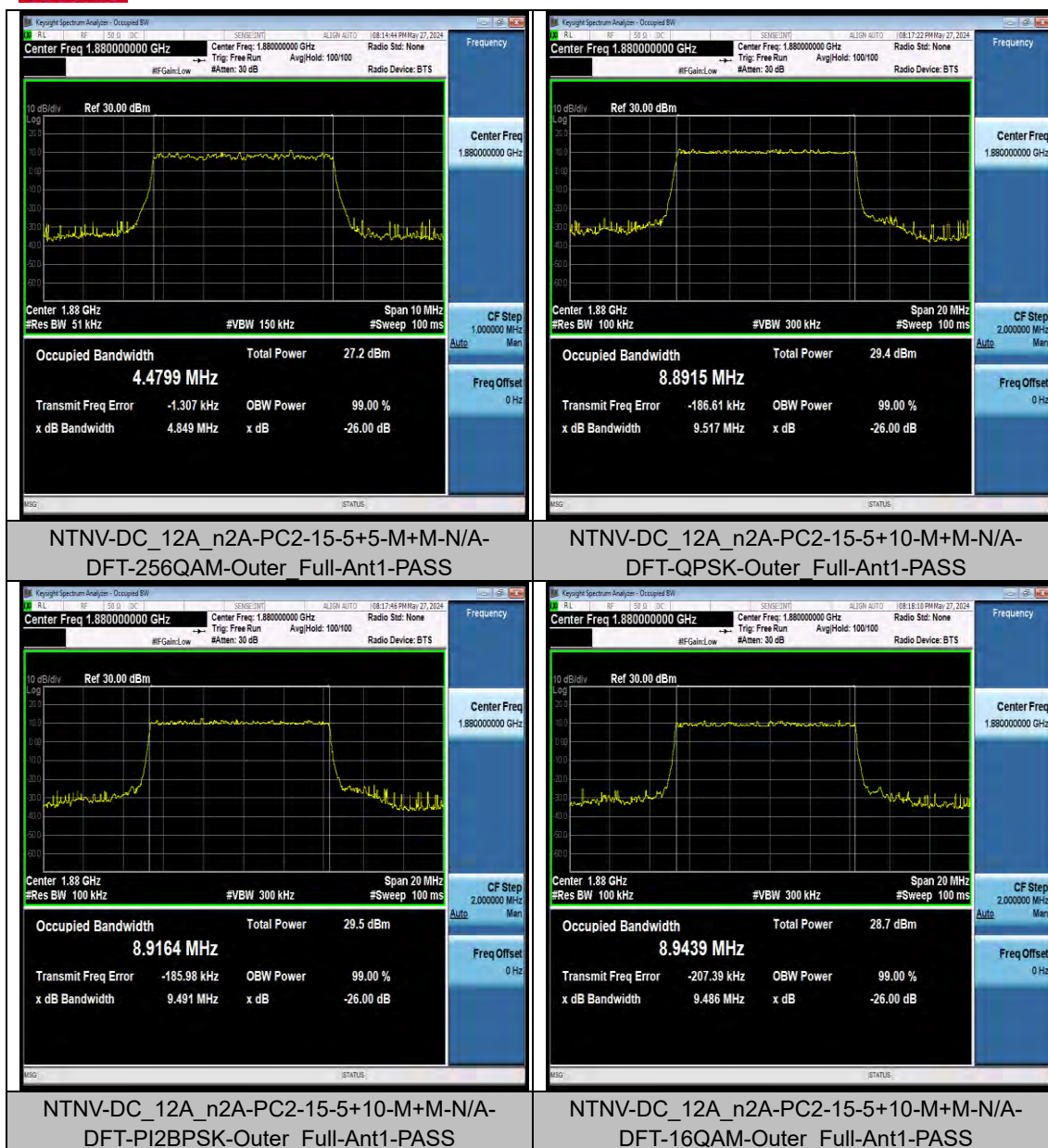
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VERITAS

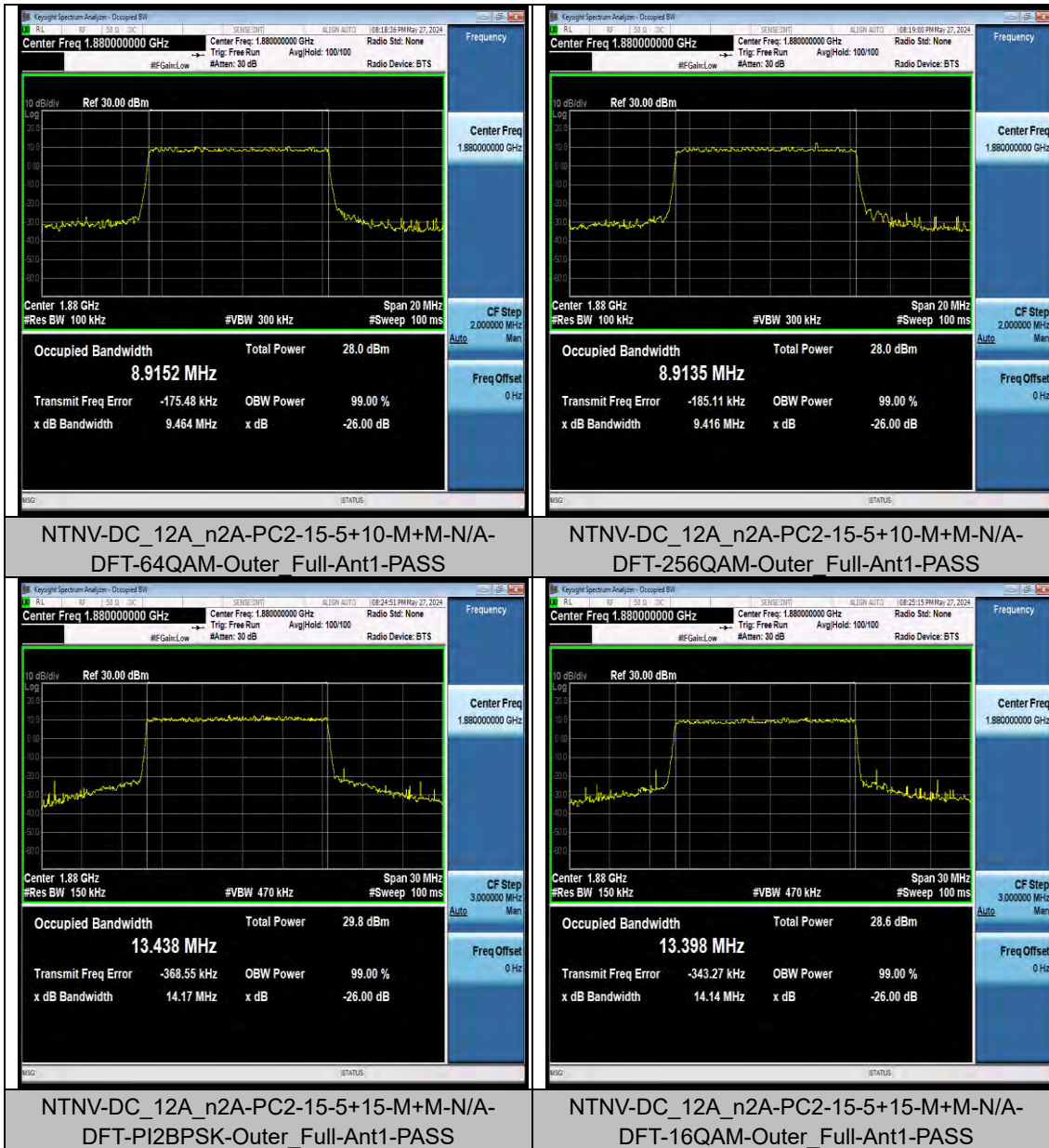
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VERITAS

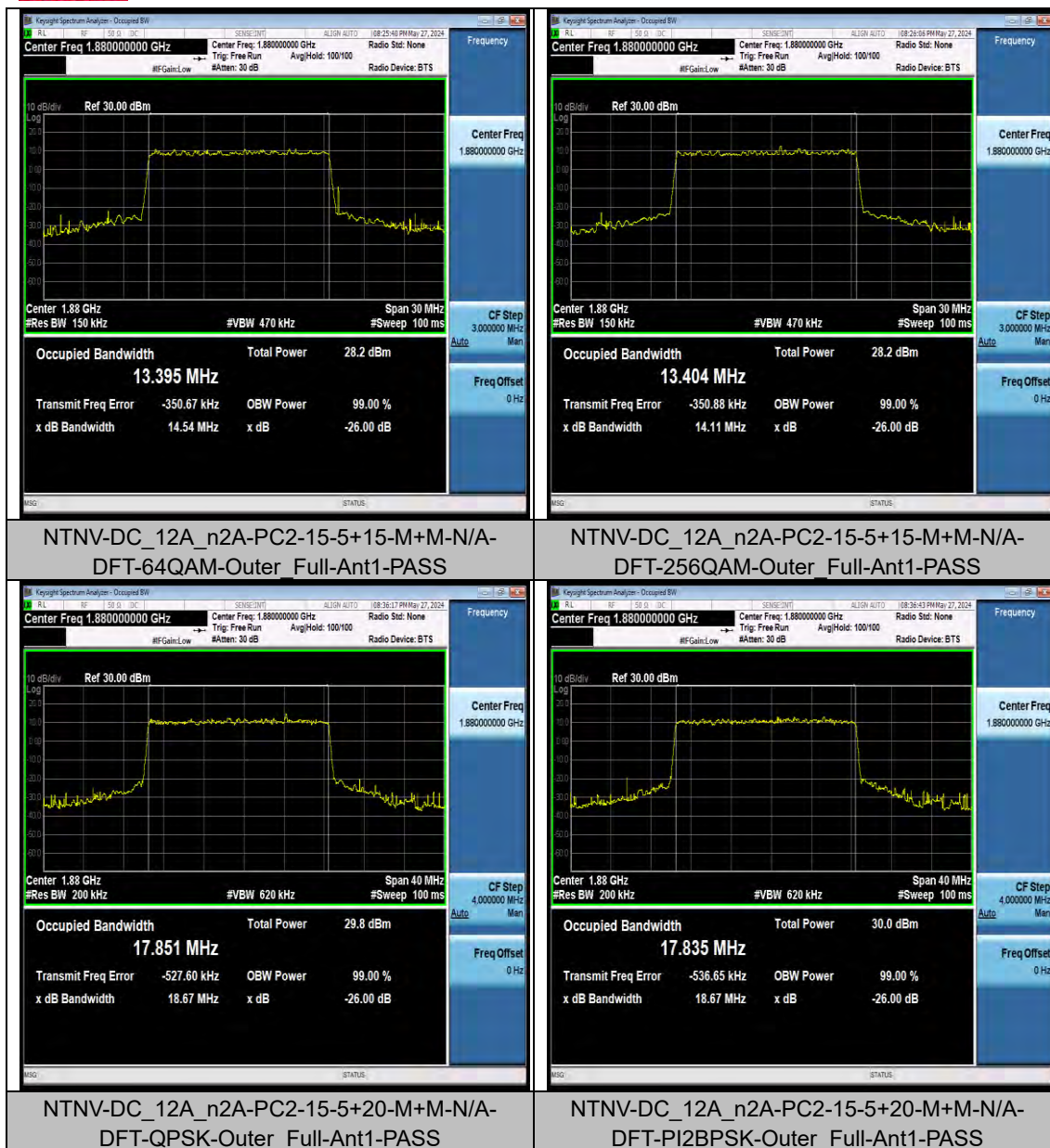
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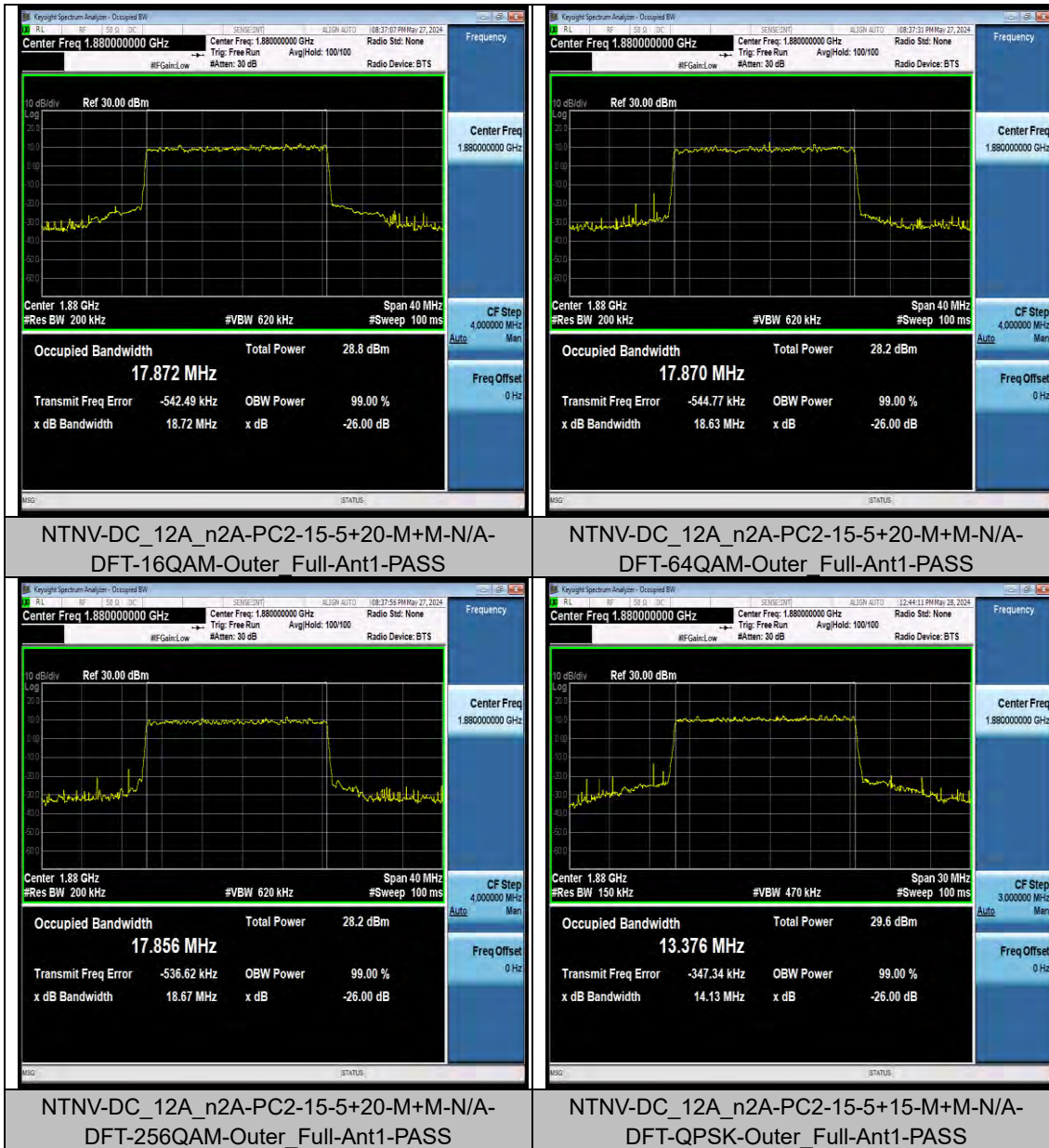
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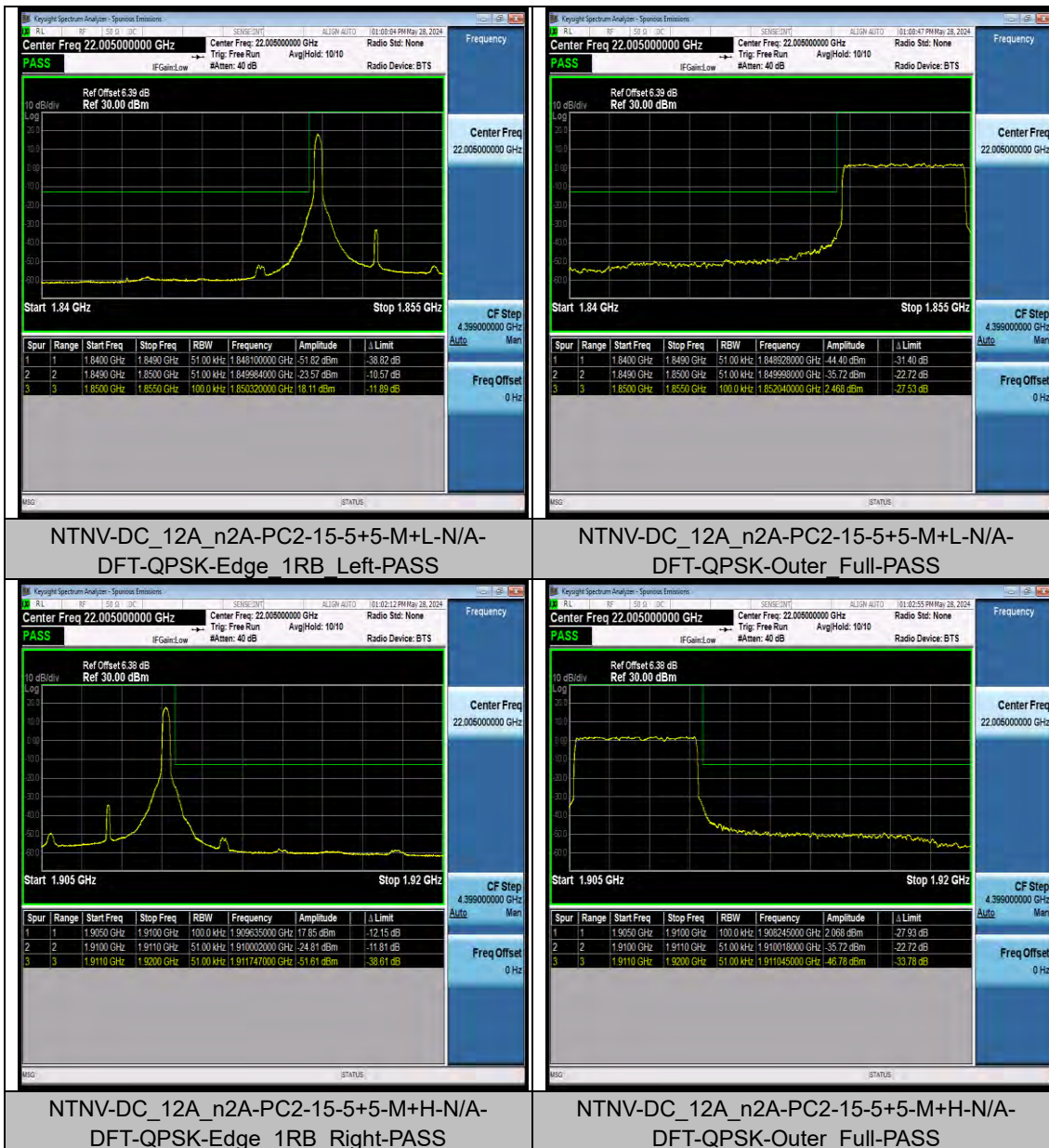
Reference No.: W7L-240430W002RF01



BAND EDGE FOR NSA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
DC_12A_n2A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left		PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+L	Outer_Full		PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right		PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+H	Outer_Full		PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left		PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+L	Outer_Full		PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+H	Outer_Full		PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left		PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+L	Outer_Full		PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right		PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right		PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+H	Outer_Full		PASS

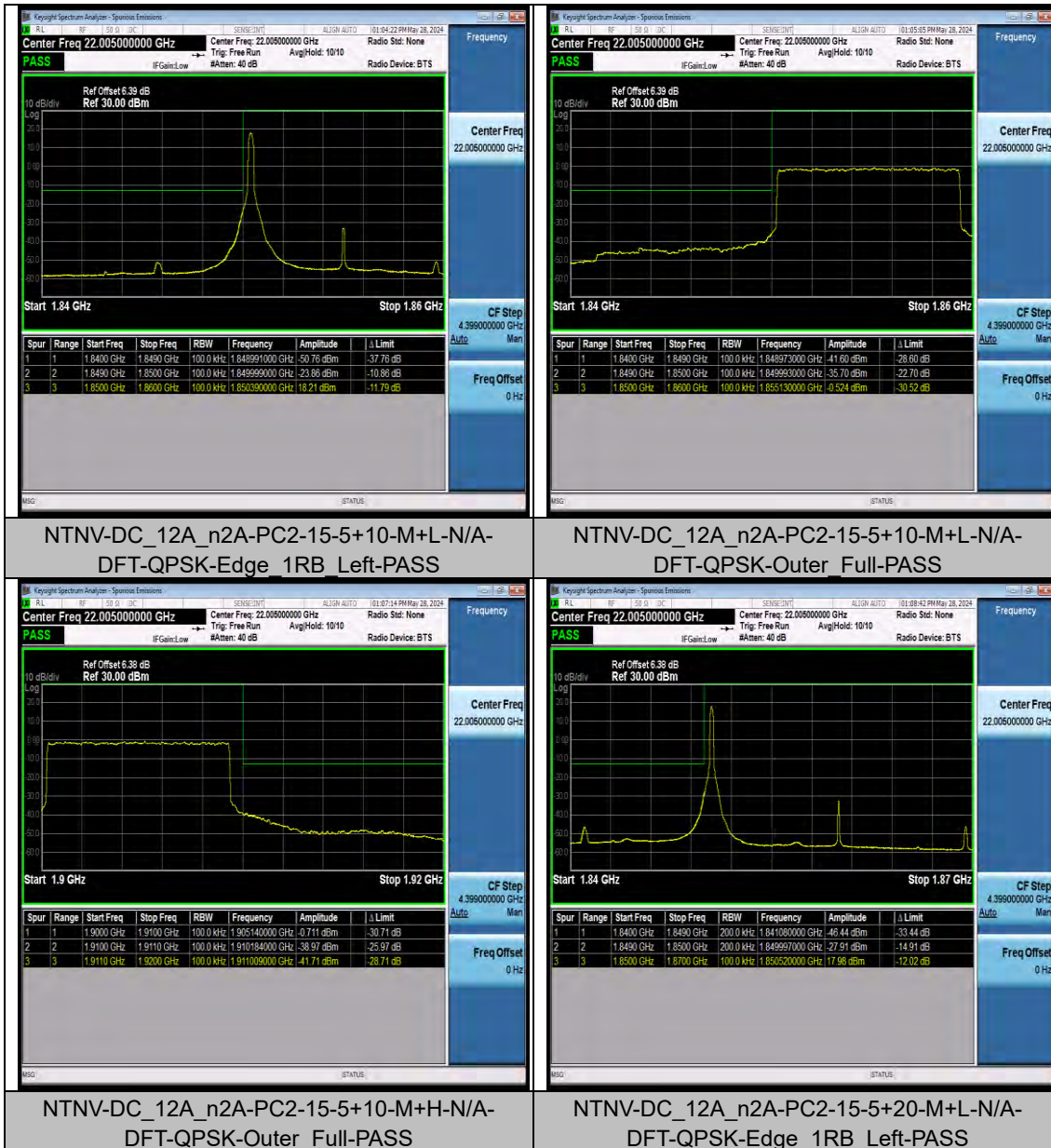
TEST GRAPHS





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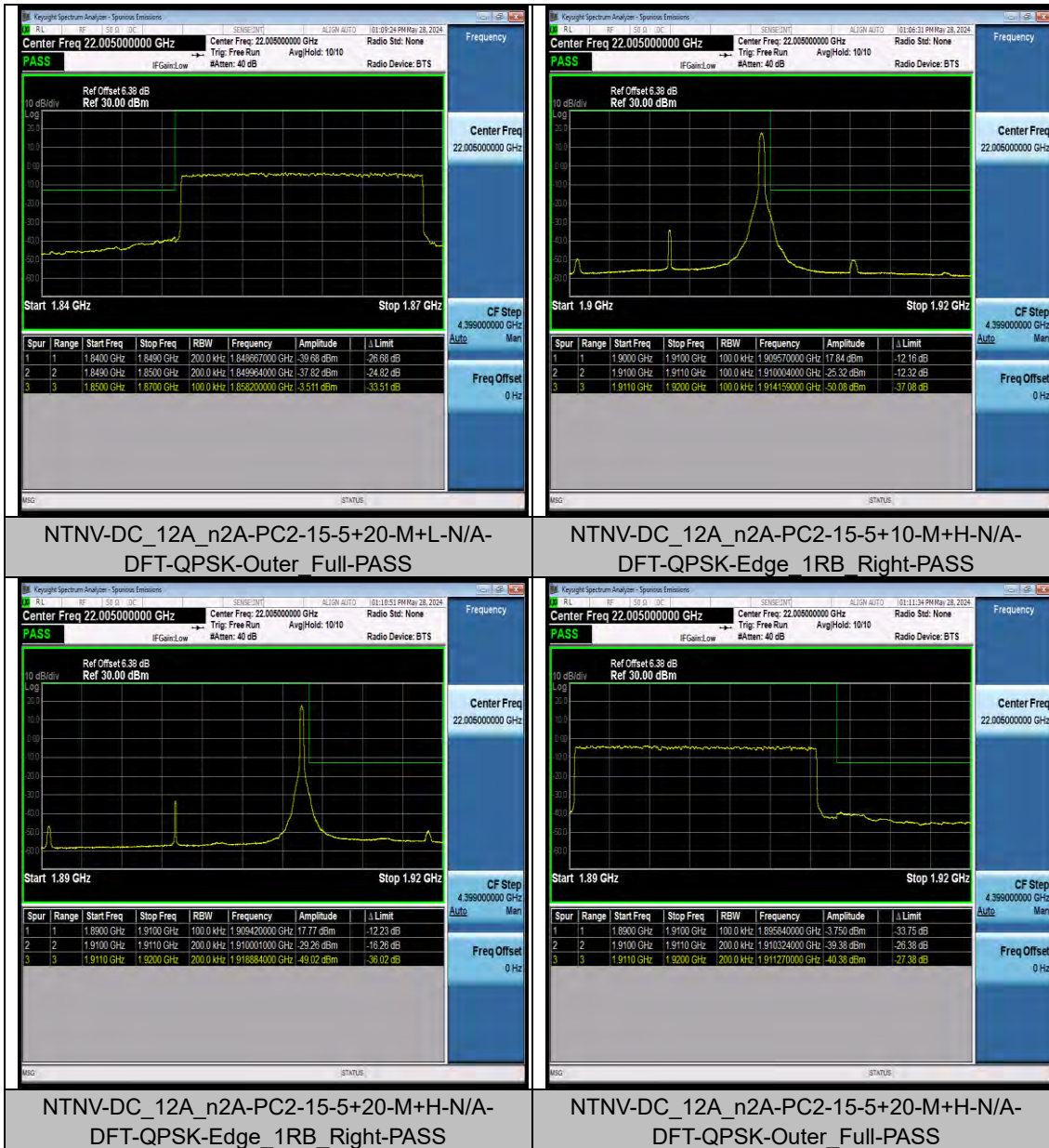
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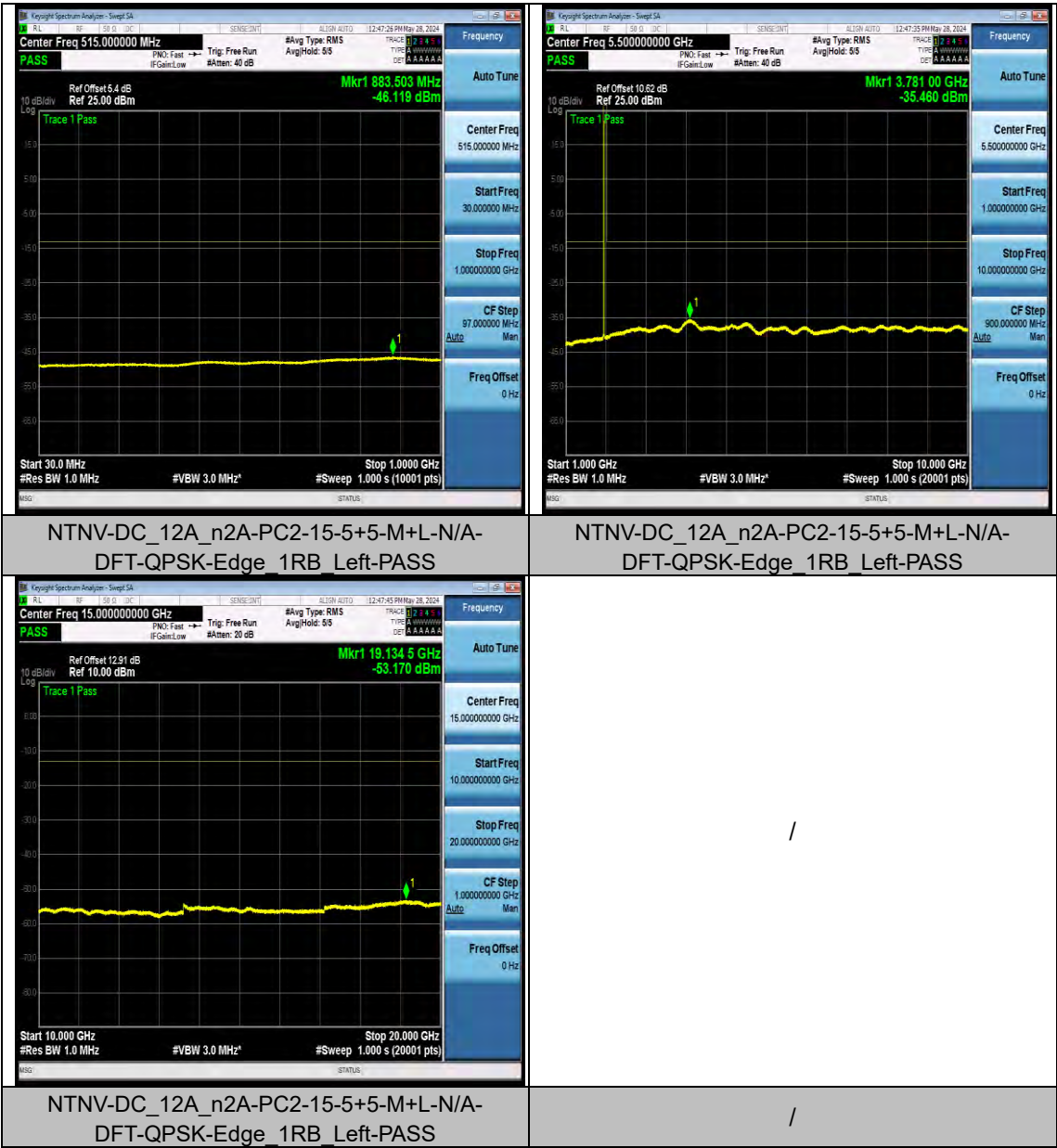
CONDUCTED SPURIOUS EMISSION FOR NSA TEST RESULT

Band	SC S	Band width	Modulation	Chan nel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
DC_12A_n2A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-46.12	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	1000	10000	-35.46	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	10000	20000	-53.17	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-46.21	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	1000	10000	-35.41	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	10000	20000	-53.03	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-46.26	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	1000	10000	-35.35	-13	PASS
DC_12A_n2A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	10000	20000	-52.92	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-46.22	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	1000	10000	-35.25	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	10000	20000	-53.07	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-46.25	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	1000	10000	-35.27	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	10000	20000	-53.09	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-46.27	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	1000	10000	-35.38	-13	PASS
DC_12A_n2A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	10000	20000	-53.05	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-46.33	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	1000	10000	-35.44	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	10000	20000	-53.05	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-46.18	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	1000	10000	-35.35	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	10000	20000	-52.76	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-46.29	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	1000	10000	-35.40	-13	PASS
DC_12A_n2A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	10000	20000	-53.09	-13	PASS



Reference No.: W7L-240430W002RF01

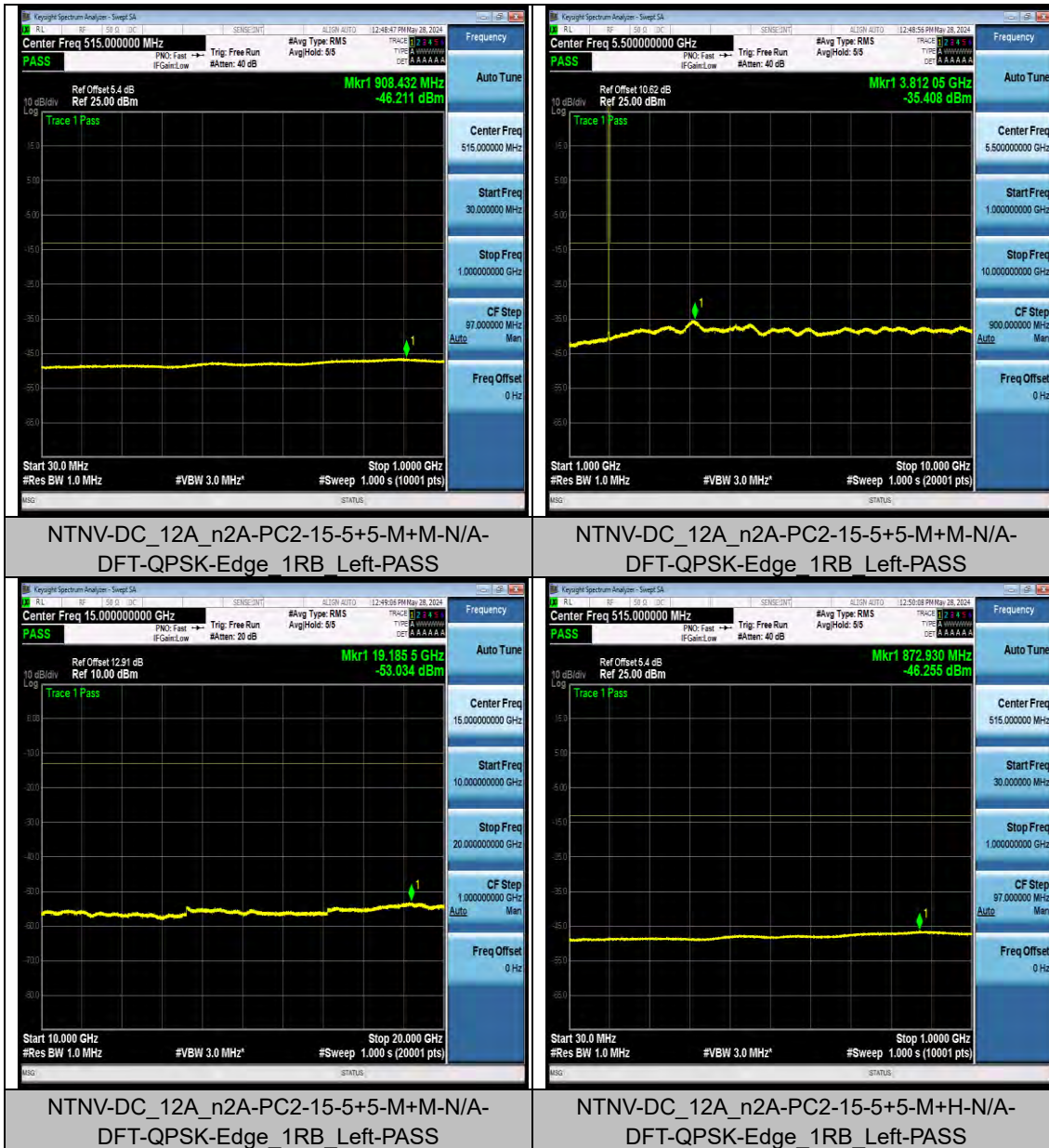
TEST GRAPHS





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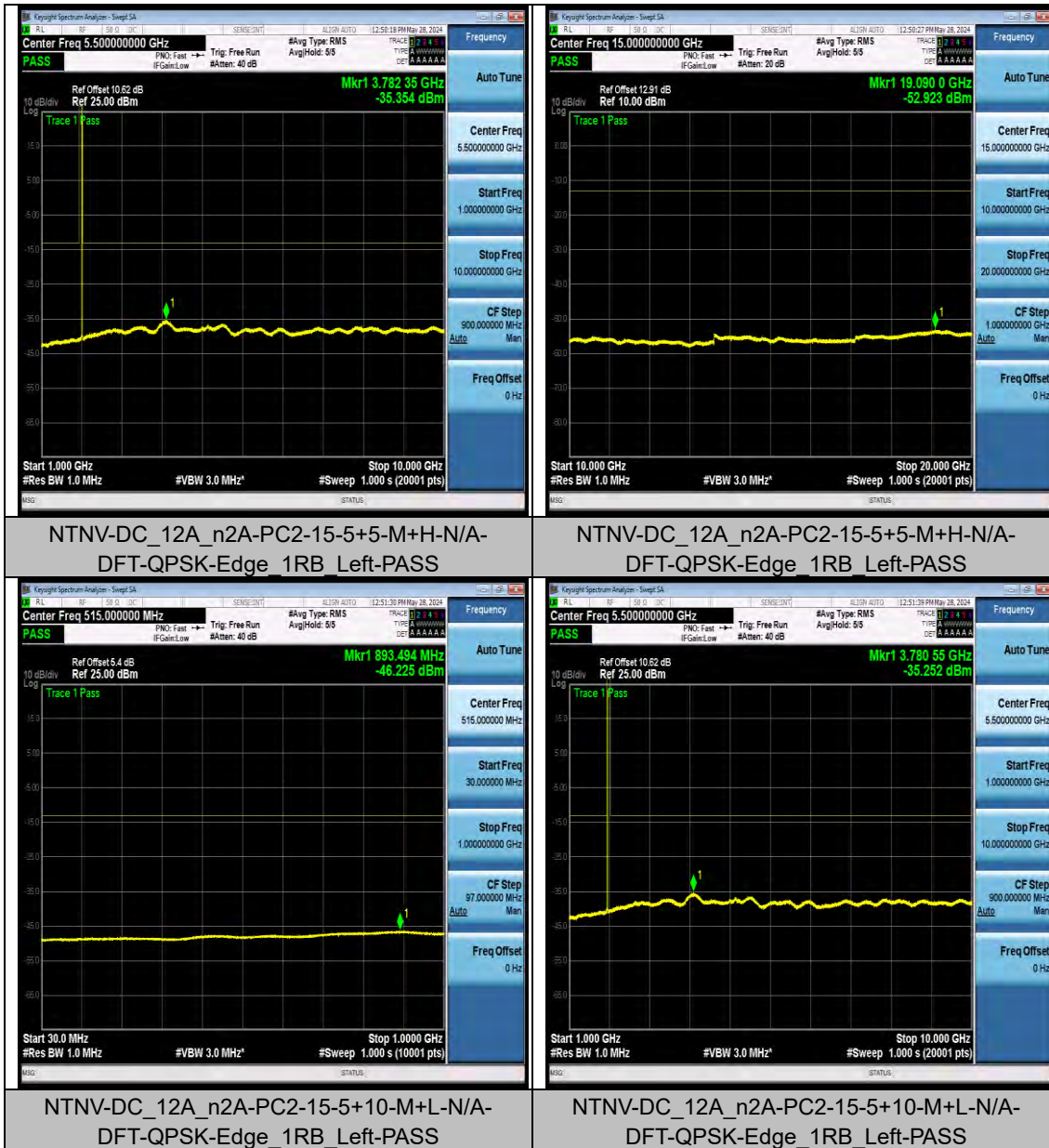
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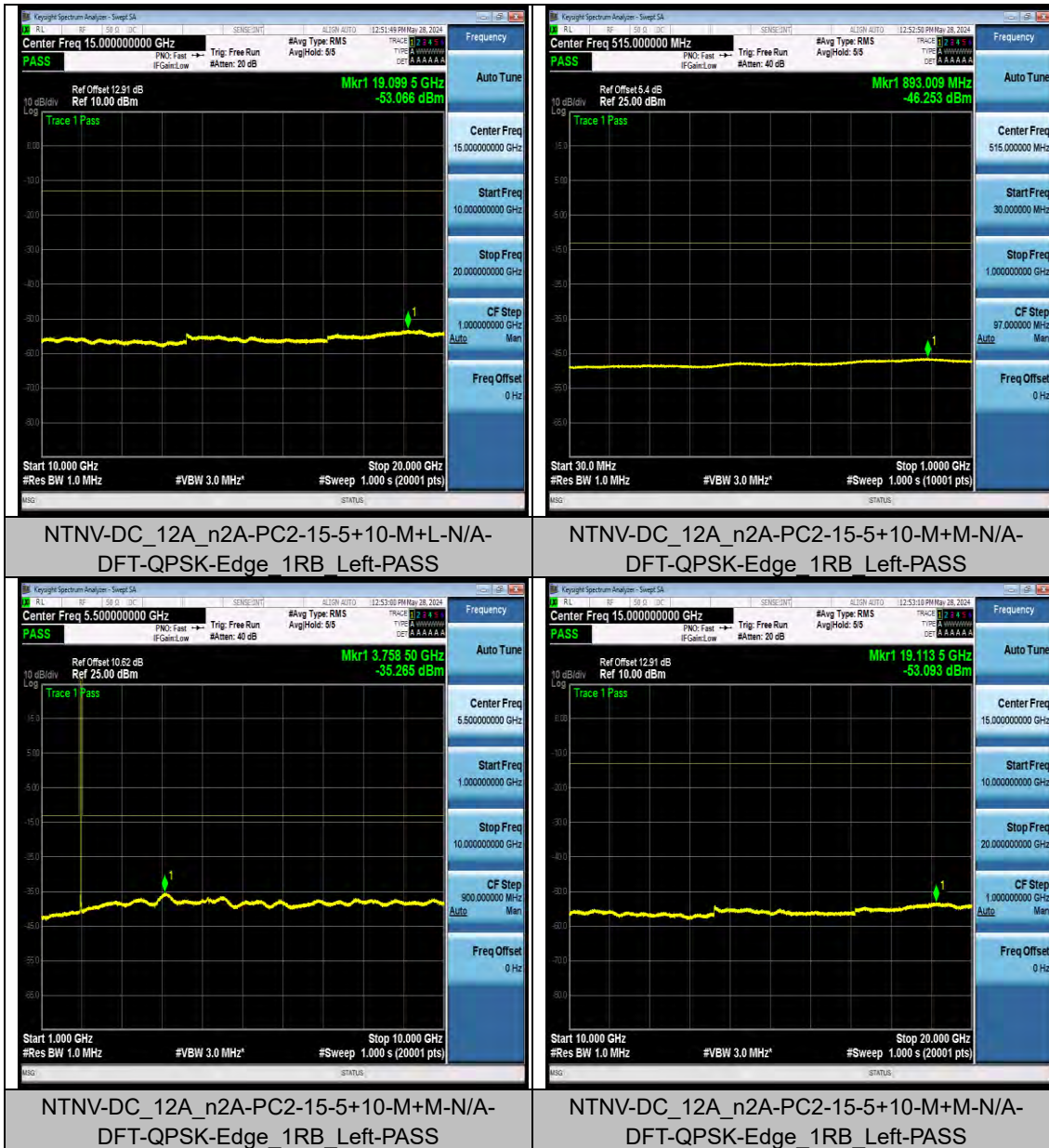
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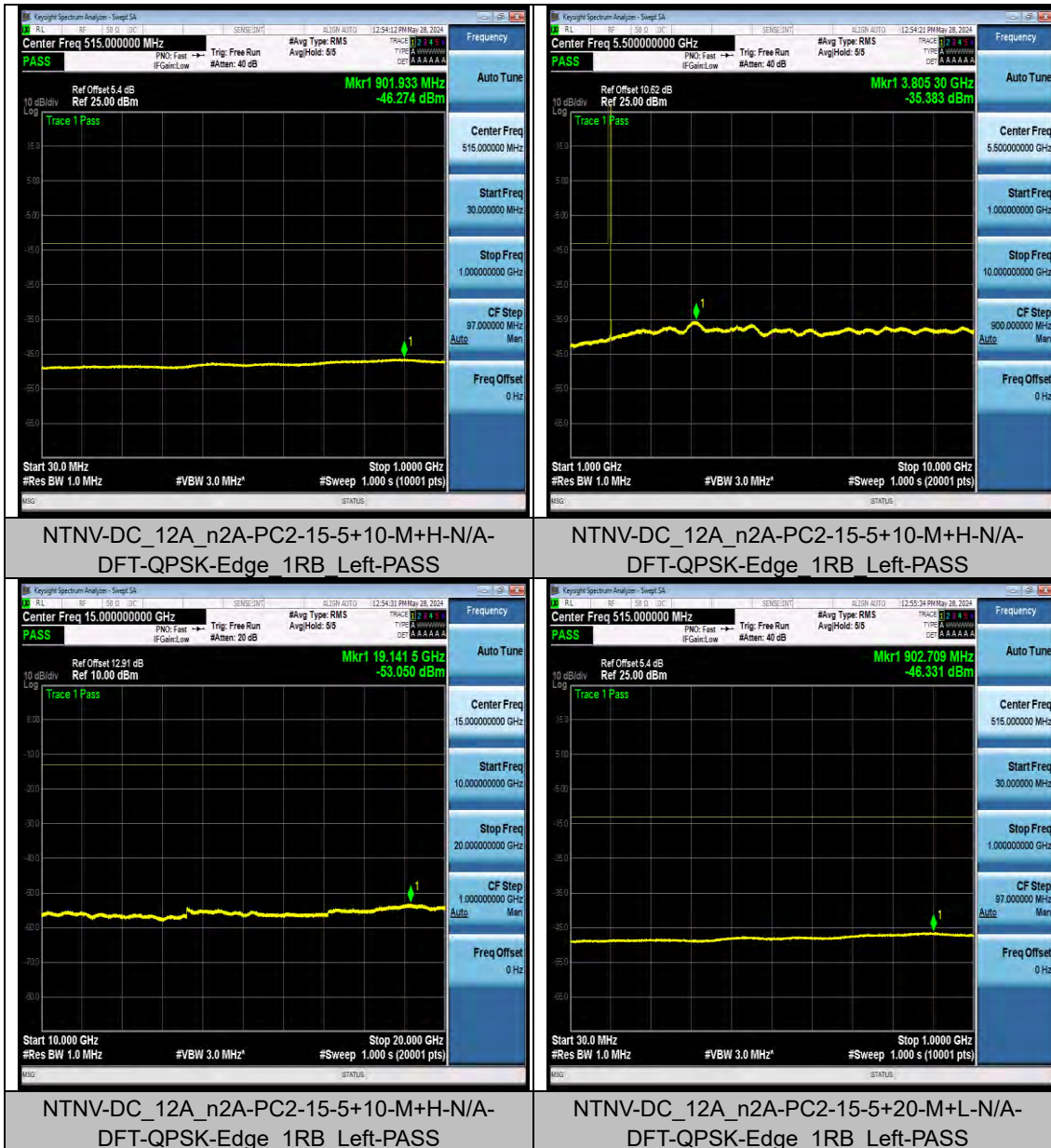
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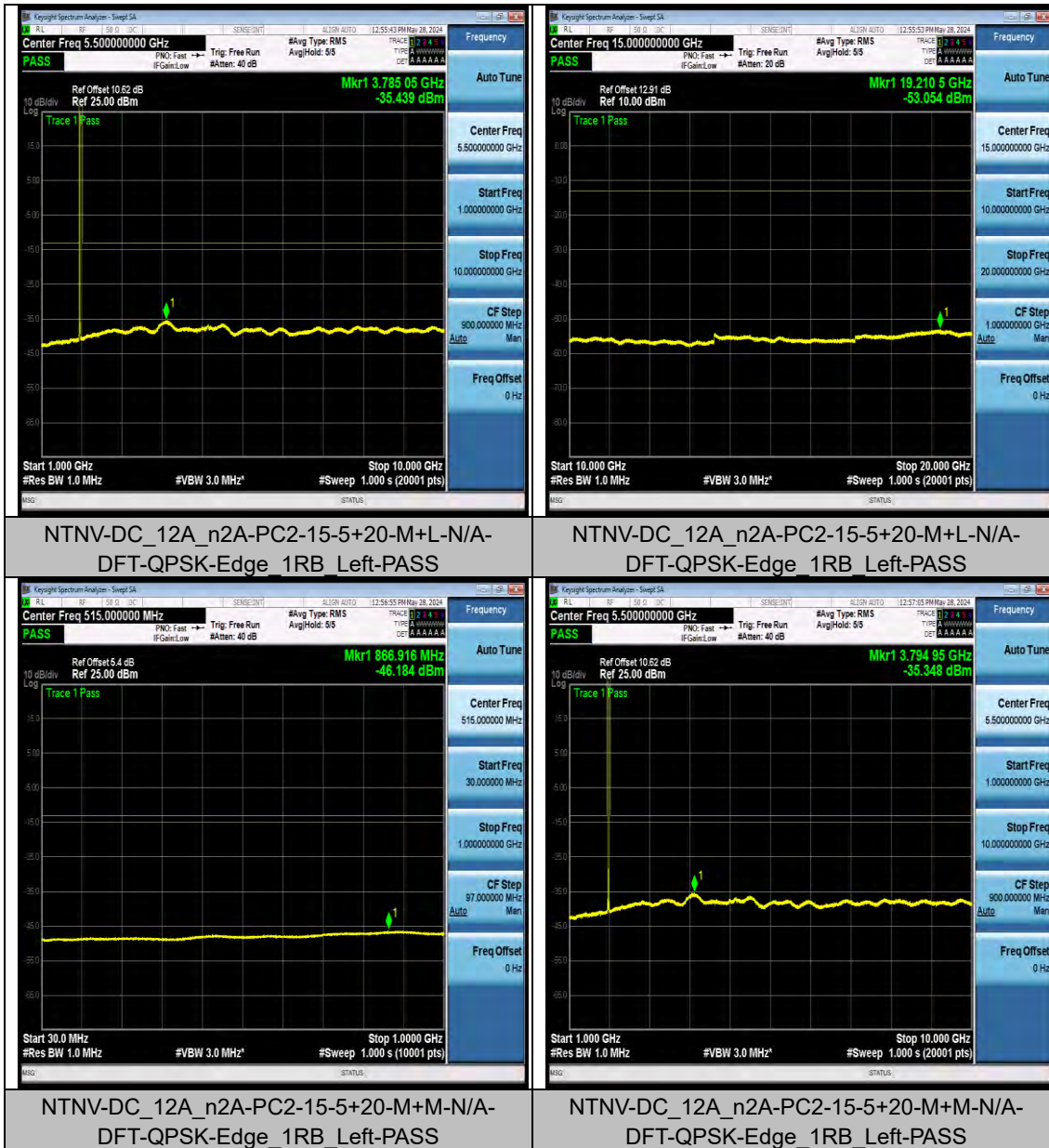
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VERITAS

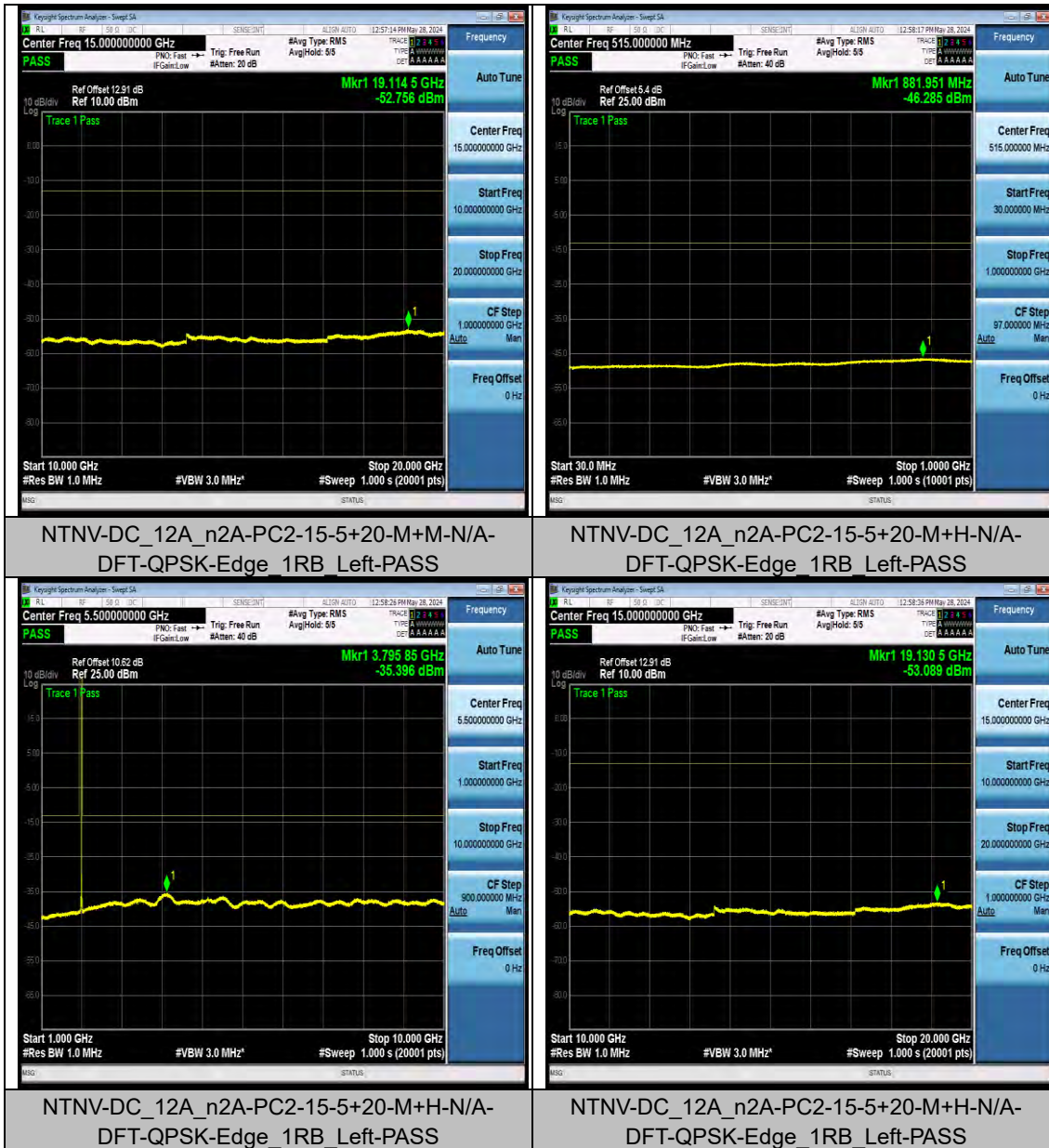
Reference No.: W7L-240430W002RF01





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FREQUENCY STABILITY FOR NSA TEST RESULT

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limited (MHz)	Verdict
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	VL	NT	12.00 0000	0.006 452	1850.2 659	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	VN	NT	17.00 0000	0.009 140	1850.4 894	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	VH	NT	5.000 000	0.002 688	1850.4 102	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	-30	16.00 0000	0.008 602	1850.2 537	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	-20	17.00 0000	0.009 140	1850.3 767	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	-10	18.00 0000	0.009 677	1850.1 670	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	0	16.00 0000	0.008 602	1850.4 938	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	10	8.000 000	0.004 301	1850.5 916	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	20	3.000 000	0.001 613	1850.3 642	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	30	13.00 0000	0.006 989	1850.5 619	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	40	12.00 0000	0.006 452	1850.3 787	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+L	Outer_F ull	NV	50	3.000 000	0.001 613	1850.3 905	---	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	VL	NT	18.00 0000	0.009 474	---	1909.7 184	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	VN	NT	16.00 0000	0.008 421	---	1909.7 199	1850-1 910	PASS
DC_1	15	5+20	DFT-QP	M+H	Outer_F	VH	NT	15.00	0.007	---	1909.6	1850-1	PASS



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VERITAS**

Reference No.: W7L-240430W002RF01

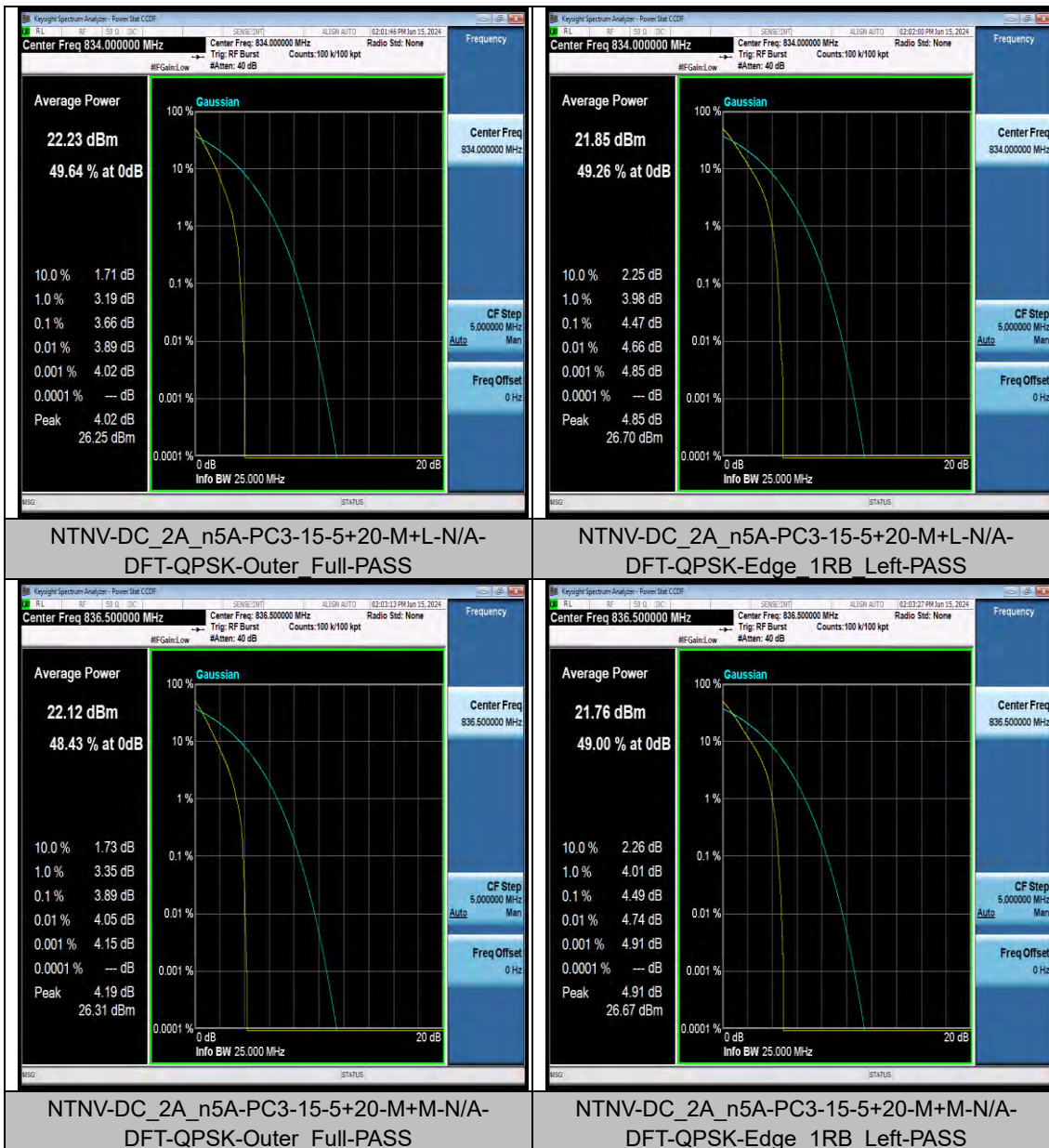
2A_n 2A			SK		ull			0000	895		876	910	
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	-30	6.000 000	0.003 158	---	1909.6 956	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	-20	17.00 0000	0.008 947	---	1909.6 376	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	-10	8.000 000	0.004 211	---	1909.6 966	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	0	17.00 0000	0.008 947	---	1909.7 353	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	10	6.000 000	0.003 158	---	1909.6 684	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	20	16.00 0000	0.008 421	---	1909.7 467	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	30	8.000 000	0.004 211	---	1909.6 358	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	40	13.00 0000	0.006 842	---	1909.6 345	1850-1 910	PASS
DC_1 2A_n 2A	15	5+20	DFT-QP SK	M+H	Outer_F ull	NV	50	13.00 0000	0.006 842	---	1909.6 611	1850-1 910	PASS

DC_2A_N5A PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
DC_2A_n5 A	15	5+20	DFT-QPSK	M+L	Outer_Full	3.66	≤13	PASS
DC_2A_n5 A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	4.47	≤13	PASS
DC_2A_n5 A	15	5+20	DFT-QPSK	M+M	Outer_Full	3.89	≤13	PASS
DC_2A_n5 A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	4.49	≤13	PASS
DC_2A_n5 A	15	5+20	DFT-QPSK	M+H	Outer_Full	3.94	≤13	PASS
DC_2A_n5 A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	4.68	≤13	PASS

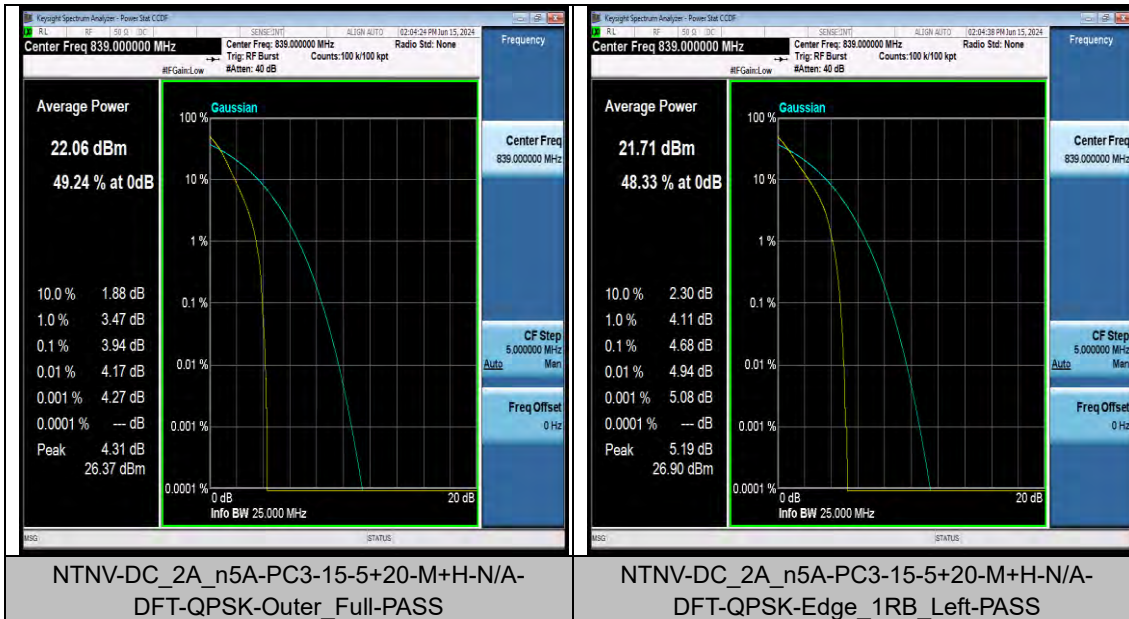
TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-240430W002RF01

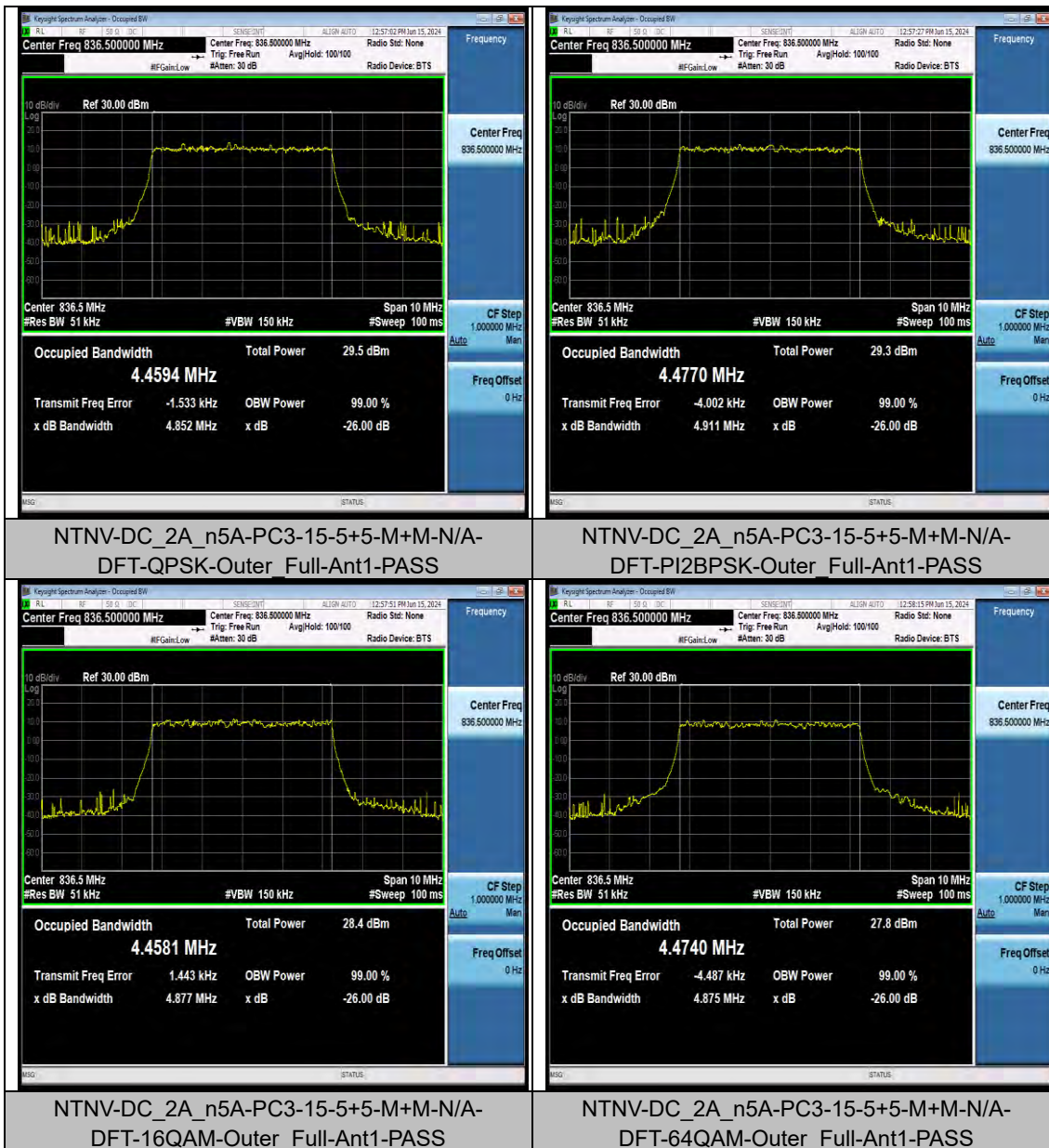


26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR NSA

TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_2A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.4594	4.852	PASS
DC_2A_n5A	15	5+5	DFT-PI2BPSK	M+M	Outer_Full	4.4770	4.911	PASS
DC_2A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.4581	4.877	PASS
DC_2A_n5A	15	5+5	DFT-64QAM	M+M	Outer_Full	4.4740	4.875	PASS
DC_2A_n5A	15	5+5	DFT-256QAM	M+M	Outer_Full	4.4816	4.849	PASS
DC_2A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.8982	9.484	PASS
DC_2A_n5A	15	5+10	DFT-PI2BPSK	M+M	Outer_Full	8.9107	9.507	PASS
DC_2A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.9464	9.440	PASS
DC_2A_n5A	15	5+10	DFT-64QAM	M+M	Outer_Full	8.9149	9.437	PASS
DC_2A_n5A	15	5+10	DFT-256QAM	M+M	Outer_Full	8.9169	9.437	PASS
DC_2A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.414	28.62	PASS
DC_2A_n5A	15	5+15	DFT-PI2BPSK	M+M	Outer_Full	13.411	14.12	PASS
DC_2A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.397	14.13	PASS
DC_2A_n5A	15	5+15	DFT-64QAM	M+M	Outer_Full	13.380	14.28	PASS
DC_2A_n5A	15	5+15	DFT-256QAM	M+M	Outer_Full	13.395	14.12	PASS
DC_2A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.833	18.69	PASS
DC_2A_n5A	15	5+20	DFT-PI2BPSK	M+M	Outer_Full	17.817	18.73	PASS
DC_2A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.866	18.73	PASS
DC_2A_n5A	15	5+20	DFT-64QAM	M+M	Outer_Full	17.854	18.70	PASS
DC_2A_n5A	15	5+20	DFT-256QAM	M+M	Outer_Full	17.833	18.66	PASS

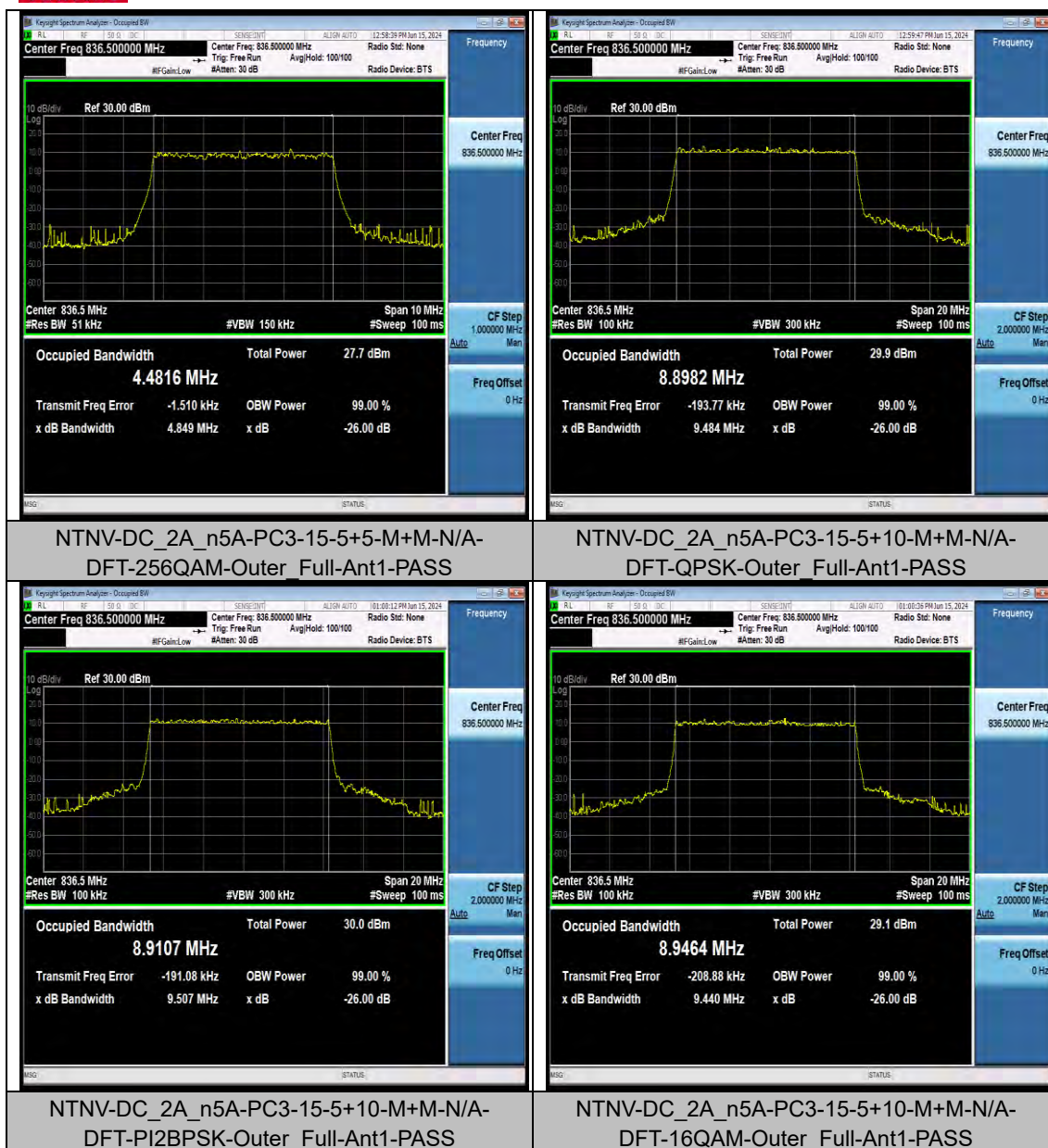
TEST GRAPHS





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VERITAS

Reference No.: W7L-240430W002RF01





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VERITAS

Reference No.: W7L-240430W002RF01

