

Appendix-E NR Band n14

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
n14	15	5	DFT-BPSK	L	Inner_1RB_Left	23.81	23.85	34.77	PASS
n14	15	5	DFT-BPSK	L	Inner_1RB_Right	23.83	23.87	34.77	PASS
n14	15	5	DFT-BPSK	L	Inner_Full	23.91	23.95	34.77	PASS
n14	15	5	DFT-BPSK	L	Outer_Full	23.31	23.35	34.77	PASS
n14	15	5	DFT-QPSK	L	Inner_1RB_Left	23.82	23.86	34.77	PASS
n14	15	5	DFT-QPSK	L	Inner_1RB_Right	23.89	23.93	34.77	PASS
n14	15	5	DFT-QPSK	L	Inner_Full	23.9	23.94	34.77	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	22.86	22.9	34.77	PASS
n14	15	5	DFT-16QAM	L	Inner_1RB_Left	22.78	22.82	34.77	PASS
n14	15	5	DFT-16QAM	L	Inner_1RB_Right	22.82	22.86	34.77	PASS
n14	15	5	DFT-16QAM	L	Inner_Full	22.89	22.93	34.77	PASS
n14	15	5	DFT-16QAM	L	Outer_Full	21.82	21.86	34.77	PASS
n14	15	5	DFT-64QAM	L	Inner_1RB_Left	21.26	21.3	34.77	PASS
n14	15	5	DFT-64QAM	L	Inner_1RB_Right	21.5	21.54	34.77	PASS
n14	15	5	DFT-64QAM	L	Inner_Full	21.2	21.24	34.77	PASS
n14	15	5	DFT-64QAM	L	Outer_Full	21.23	21.27	34.77	PASS
n14	15	5	DFT-256QAM	L	Inner_1RB_Left	19.29	19.33	34.77	PASS
n14	15	5	DFT-256QAM	L	Inner_1RB_Right	19.34	19.38	34.77	PASS
n14	15	5	DFT-256QAM	L	Inner_Full	19.53	19.57	34.77	PASS
n14	15	5	DFT-256QAM	L	Outer_Full	19.47	19.51	34.77	PASS
n14	15	5	DFT-BPSK	M	Inner_1RB_Left	23.86	23.9	34.77	PASS
n14	15	5	DFT-BPSK	M	Inner_1RB_Right	23.84	23.88	34.77	PASS
n14	15	5	DFT-BPSK	M	Inner_Full	23.92	23.96	34.77	PASS
n14	15	5	DFT-BPSK	M	Outer_Full	23.29	23.33	34.77	PASS
n14	15	5	DFT-QPSK	M	Inner_1RB_Left	23.93	23.97	34.77	PASS
n14	15	5	DFT-QPSK	M	Inner_1RB_Right	23.93	23.97	34.77	PASS
n14	15	5	DFT-QPSK	M	Inner_Full	23.89	23.93	34.77	PASS
n14	15	5	DFT-QPSK	M	Outer_Full	22.88	22.92	34.77	PASS
n14	15	5	DFT-16QAM	M	Inner_1RB_Left	22.8	22.84	34.77	PASS
n14	15	5	DFT-16QAM	M	Inner_1RB_Right	22.84	22.88	34.77	PASS
n14	15	5	DFT-16QAM	M	Inner_Full	22.96	23	34.77	PASS
n14	15	5	DFT-16QAM	M	Outer_Full	21.91	21.95	34.77	PASS
n14	15	5	DFT-64QAM	M	Inner_1RB_Left	21.51	21.55	34.77	PASS

n14	15	5	DFT-64QAM	M	Inner_1RB_Right	21.53	21.57	34.77	PASS
n14	15	5	DFT-64QAM	M	Inner_Full	21.31	21.35	34.77	PASS
n14	15	5	DFT-64QAM	M	Outer_Full	21.4	21.44	34.77	PASS
n14	15	5	DFT-256QAM	M	Inner_1RB_Left	19.38	19.42	34.77	PASS
n14	15	5	DFT-256QAM	M	Inner_1RB_Right	19.24	19.28	34.77	PASS
n14	15	5	DFT-256QAM	M	Inner_Full	19.55	19.59	34.77	PASS
n14	15	5	DFT-256QAM	M	Outer_Full	19.51	19.55	34.77	PASS
n14	15	5	DFT-BPSK	H	Inner_1RB_Left	23.85	23.89	34.77	PASS
n14	15	5	DFT-BPSK	H	Inner_1RB_Right	23.93	23.97	34.77	PASS
n14	15	5	DFT-BPSK	H	Inner_Full	23.94	23.98	34.77	PASS
n14	15	5	DFT-BPSK	H	Outer_Full	23.47	23.51	34.77	PASS
n14	15	5	DFT-QPSK	H	Inner_1RB_Left	23.98	24.02	34.77	PASS
n14	15	5	DFT-QPSK	H	Inner_1RB_Right	23.94	23.98	34.77	PASS
n14	15	5	DFT-QPSK	H	Inner_Full	23.96	24	34.77	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	22.94	22.98	34.77	PASS
n14	15	5	DFT-16QAM	H	Inner_1RB_Left	22.89	22.93	34.77	PASS
n14	15	5	DFT-16QAM	H	Inner_1RB_Right	22.9	22.94	34.77	PASS
n14	15	5	DFT-16QAM	H	Inner_Full	22.97	23.01	34.77	PASS
n14	15	5	DFT-16QAM	H	Outer_Full	21.94	21.98	34.77	PASS
n14	15	5	DFT-64QAM	H	Inner_1RB_Left	21.57	21.61	34.77	PASS
n14	15	5	DFT-64QAM	H	Inner_1RB_Right	21.61	21.65	34.77	PASS
n14	15	5	DFT-64QAM	H	Inner_Full	21.36	21.4	34.77	PASS
n14	15	5	DFT-64QAM	H	Outer_Full	21.45	21.49	34.77	PASS
n14	15	5	DFT-256QAM	H	Inner_1RB_Left	19.42	19.46	34.77	PASS
n14	15	5	DFT-256QAM	H	Inner_1RB_Right	19.4	19.44	34.77	PASS
n14	15	5	DFT-256QAM	H	Inner_Full	19.59	19.63	34.77	PASS
n14	15	5	DFT-256QAM	H	Outer_Full	19.52	19.56	34.77	PASS
n14	15	10	DFT-BPSK	L	Inner_1RB_Left	23.71	23.75	34.77	PASS
n14	15	10	DFT-BPSK	L	Inner_1RB_Right	23.95	23.99	34.77	PASS
n14	15	10	DFT-BPSK	L	Inner_Full	23.93	23.97	34.77	PASS
n14	15	10	DFT-BPSK	L	Outer_Full	23.49	23.53	34.77	PASS
n14	15	10	DFT-QPSK	L	Inner_1RB_Left	23.75	23.79	34.77	PASS
n14	15	10	DFT-QPSK	L	Inner_1RB_Right	23.9	23.94	34.77	PASS
n14	15	10	DFT-QPSK	L	Inner_Full	23.94	23.98	34.77	PASS
n14	15	10	DFT-QPSK	L	Outer_Full	22.93	22.97	34.77	PASS
n14	15	10	DFT-16QAM	L	Inner_1RB_Left	22.63	22.67	34.77	PASS
n14	15	10	DFT-16QAM	L	Inner_1RB_Right	22.86	22.9	34.77	PASS
n14	15	10	DFT-16QAM	L	Inner_Full	22.93	22.97	34.77	PASS
n14	15	10	DFT-16QAM	L	Outer_Full	21.98	22.02	34.77	PASS
n14	15	10	DFT-64QAM	L	Inner_1RB_Left	21.4	21.44	34.77	PASS
n14	15	10	DFT-64QAM	L	Inner_1RB_Right	21.59	21.63	34.77	PASS

n14	15	10	DFT-64QAM	L	Inner_Full	21.34	21.38	34.77	PASS
n14	15	10	DFT-64QAM	L	Outer_Full	21.57	21.61	34.77	PASS
n14	15	10	DFT-256QAM	L	Inner_1RB_Left	19.22	19.26	34.77	PASS
n14	15	10	DFT-256QAM	L	Inner_1RB_Right	19.42	19.46	34.77	PASS
n14	15	10	DFT-256QAM	L	Inner_Full	19.44	19.48	34.77	PASS
n14	15	10	DFT-256QAM	L	Outer_Full	19.54	19.58	34.77	PASS
n14	15	10	DFT-BPSK	M	Inner_1RB_Left	23.71	23.75	34.77	PASS
n14	15	10	DFT-BPSK	M	Inner_1RB_Right	23.93	23.97	34.77	PASS
n14	15	10	DFT-BPSK	M	Inner_Full	23.92	23.96	34.77	PASS
n14	15	10	DFT-BPSK	M	Outer_Full	23.4	23.44	34.77	PASS
n14	15	10	DFT-QPSK	M	Inner_1RB_Left	23.72	23.76	34.77	PASS
n14	15	10	DFT-QPSK	M	Inner_1RB_Right	23.91	23.95	34.77	PASS
n14	15	10	DFT-QPSK	M	Inner_Full	23.93	23.97	34.77	PASS
n14	15	10	DFT-QPSK	M	Outer_Full	22.94	22.98	34.77	PASS
n14	15	10	DFT-16QAM	M	Inner_1RB_Left	22.63	22.67	34.77	PASS
n14	15	10	DFT-16QAM	M	Inner_1RB_Right	22.87	22.91	34.77	PASS
n14	15	10	DFT-16QAM	M	Inner_Full	22.94	22.98	34.77	PASS
n14	15	10	DFT-16QAM	M	Outer_Full	21.89	21.93	34.77	PASS
n14	15	10	DFT-64QAM	M	Inner_1RB_Left	21.39	21.43	34.77	PASS
n14	15	10	DFT-64QAM	M	Inner_1RB_Right	21.57	21.61	34.77	PASS
n14	15	10	DFT-64QAM	M	Inner_Full	21.46	21.5	34.77	PASS
n14	15	10	DFT-64QAM	M	Outer_Full	21.41	21.45	34.77	PASS
n14	15	10	DFT-256QAM	M	Inner_1RB_Left	19.2	19.24	34.77	PASS
n14	15	10	DFT-256QAM	M	Inner_1RB_Right	19.4	19.44	34.77	PASS
n14	15	10	DFT-256QAM	M	Inner_Full	19.45	19.49	34.77	PASS
n14	15	10	DFT-256QAM	M	Outer_Full	19.52	19.56	34.77	PASS
n14	15	10	DFT-BPSK	H	Inner_1RB_Left	23.73	23.77	34.77	PASS
n14	15	10	DFT-BPSK	H	Inner_1RB_Right	23.91	23.95	34.77	PASS
n14	15	10	DFT-BPSK	H	Inner_Full	23.91	23.95	34.77	PASS
n14	15	10	DFT-BPSK	H	Outer_Full	23.46	23.5	34.77	PASS
n14	15	10	DFT-QPSK	H	Inner_1RB_Left	23.73	23.77	34.77	PASS
n14	15	10	DFT-QPSK	H	Inner_1RB_Right	23.94	23.98	34.77	PASS
n14	15	10	DFT-QPSK	H	Inner_Full	23.94	23.98	34.77	PASS
n14	15	10	DFT-QPSK	H	Outer_Full	22.95	22.99	34.77	PASS
n14	15	10	DFT-16QAM	H	Inner_1RB_Left	22.61	22.65	34.77	PASS
n14	15	10	DFT-16QAM	H	Inner_1RB_Right	22.92	22.96	34.77	PASS
n14	15	10	DFT-16QAM	H	Inner_Full	22.86	22.9	34.77	PASS
n14	15	10	DFT-16QAM	H	Outer_Full	21.97	22.01	34.77	PASS
n14	15	10	DFT-64QAM	H	Inner_1RB_Left	21.37	21.41	34.77	PASS
n14	15	10	DFT-64QAM	H	Inner_1RB_Right	21.61	21.65	34.77	PASS
n14	15	10	DFT-64QAM	H	Inner_Full	21.43	21.47	34.77	PASS

n14	15	10	DFT-64QAM	H	Outer_Full	21.37	21.41	34.77	PASS
n14	15	10	DFT-256QAM	H	Inner_1RB_Left	19.19	19.23	34.77	PASS
n14	15	10	DFT-256QAM	H	Inner_1RB_Right	19.41	19.45	34.77	PASS
n14	15	10	DFT-256QAM	H	Inner_Full	19.43	19.47	34.77	PASS
n14	15	10	DFT-256QAM	H	Outer_Full	19.53	19.57	34.77	PASS

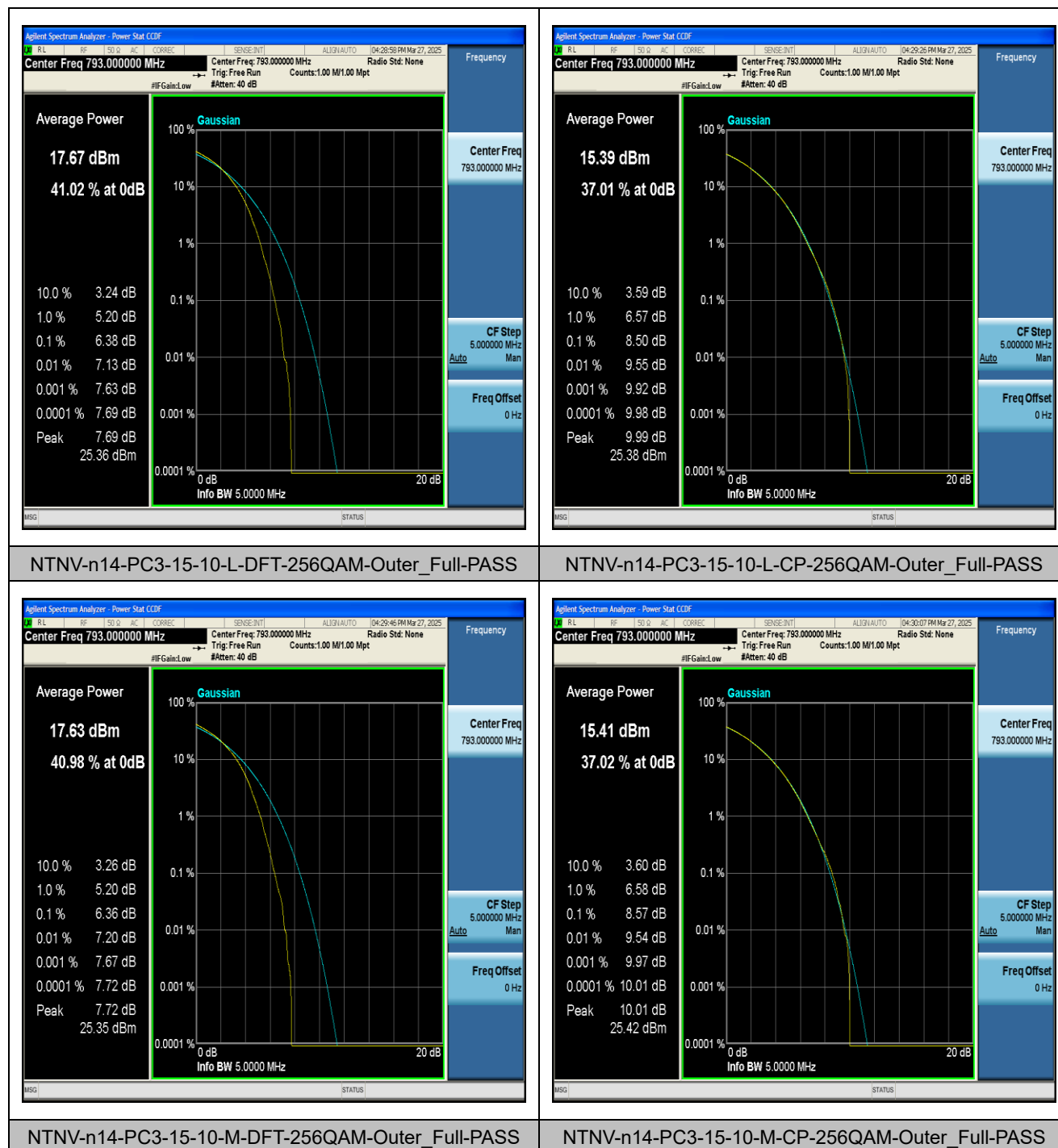
Peak-to-Average Ratio for SA

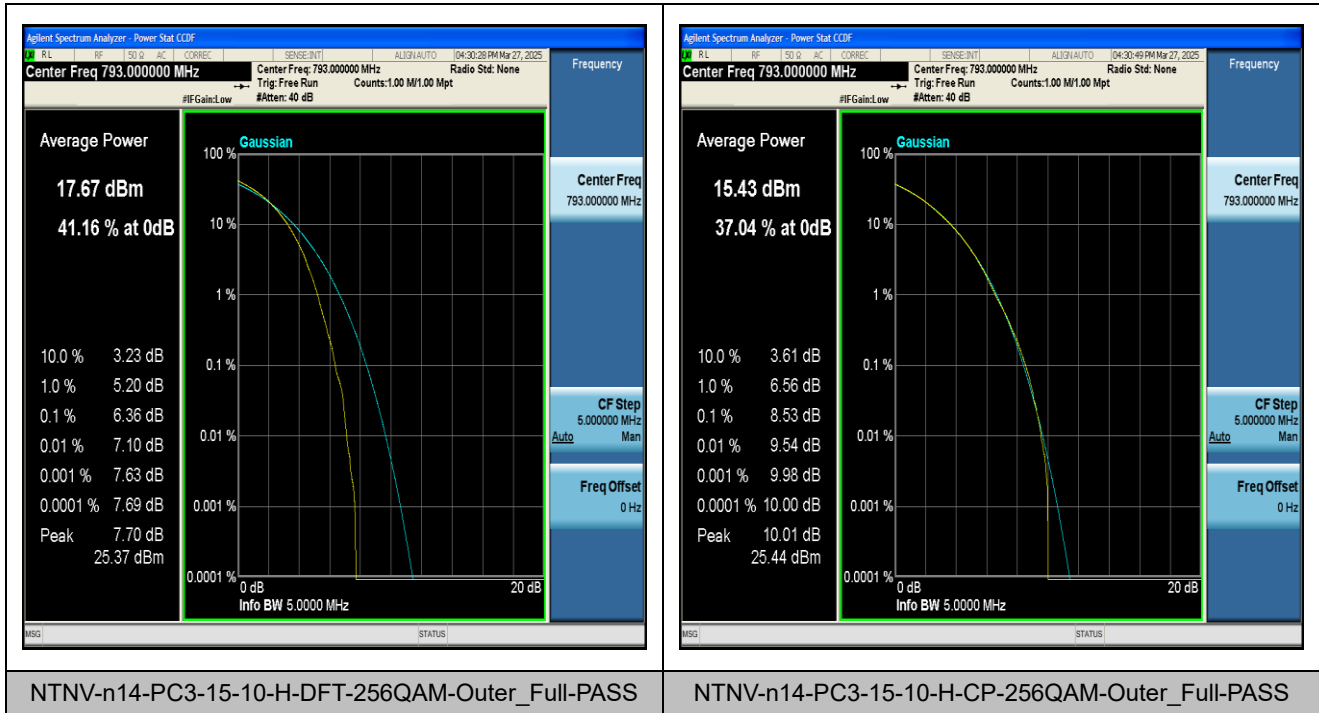
Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
n14	15	10	DFT-256QAM	L	Outer_Full		≤13dB	PASS
n14	15	10	CP-256QAM	L	Outer_Full		≤13dB	PASS
n14	15	10	DFT-256QAM	M	Outer_Full		≤13dB	PASS
n14	15	10	CP-256QAM	M	Outer_Full		≤13dB	PASS
n14	15	10	DFT-256QAM	H	Outer_Full		≤13dB	PASS
n14	15	10	CP-256QAM	H	Outer_Full		≤13dB	PASS

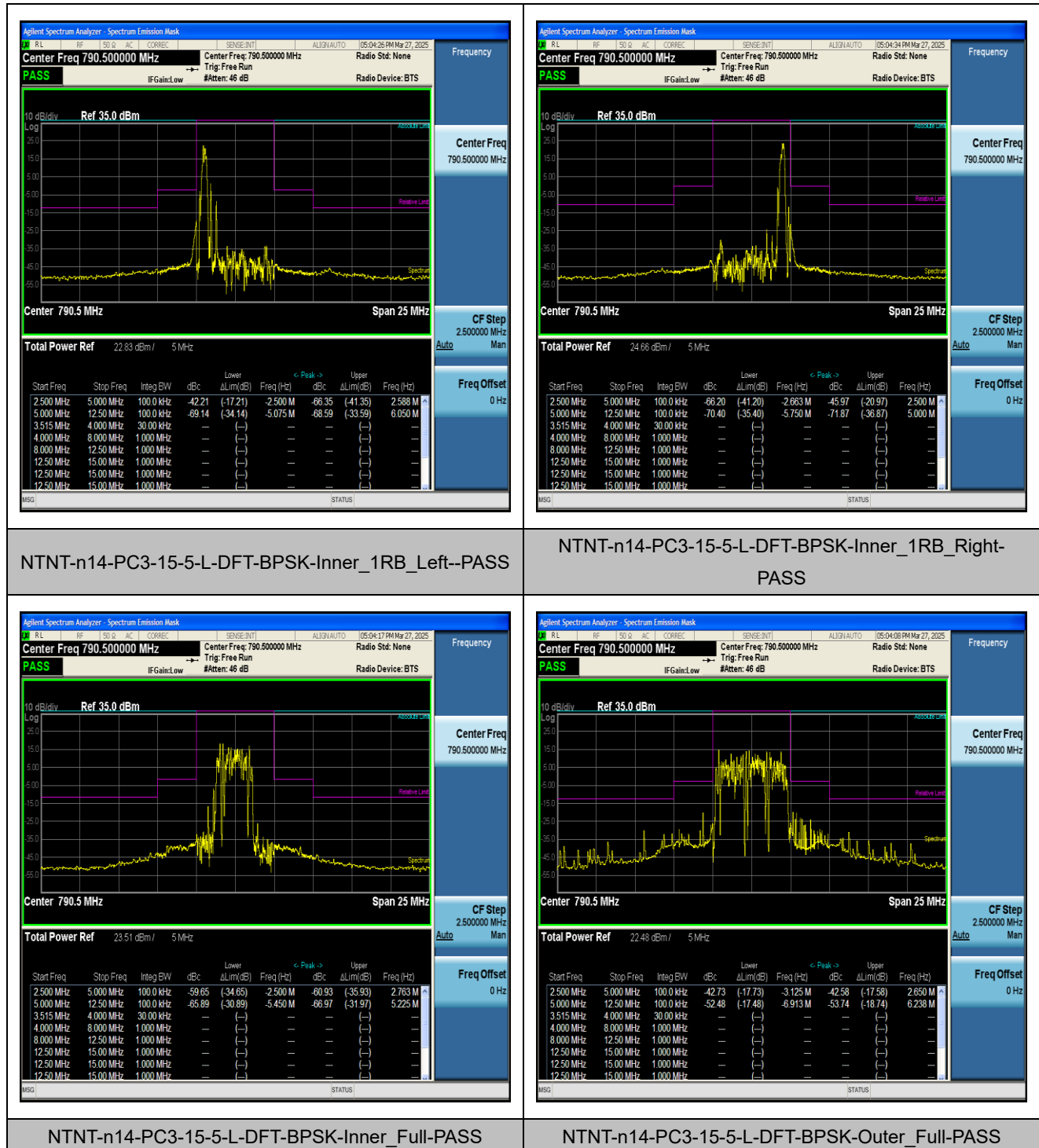
Test Graphs

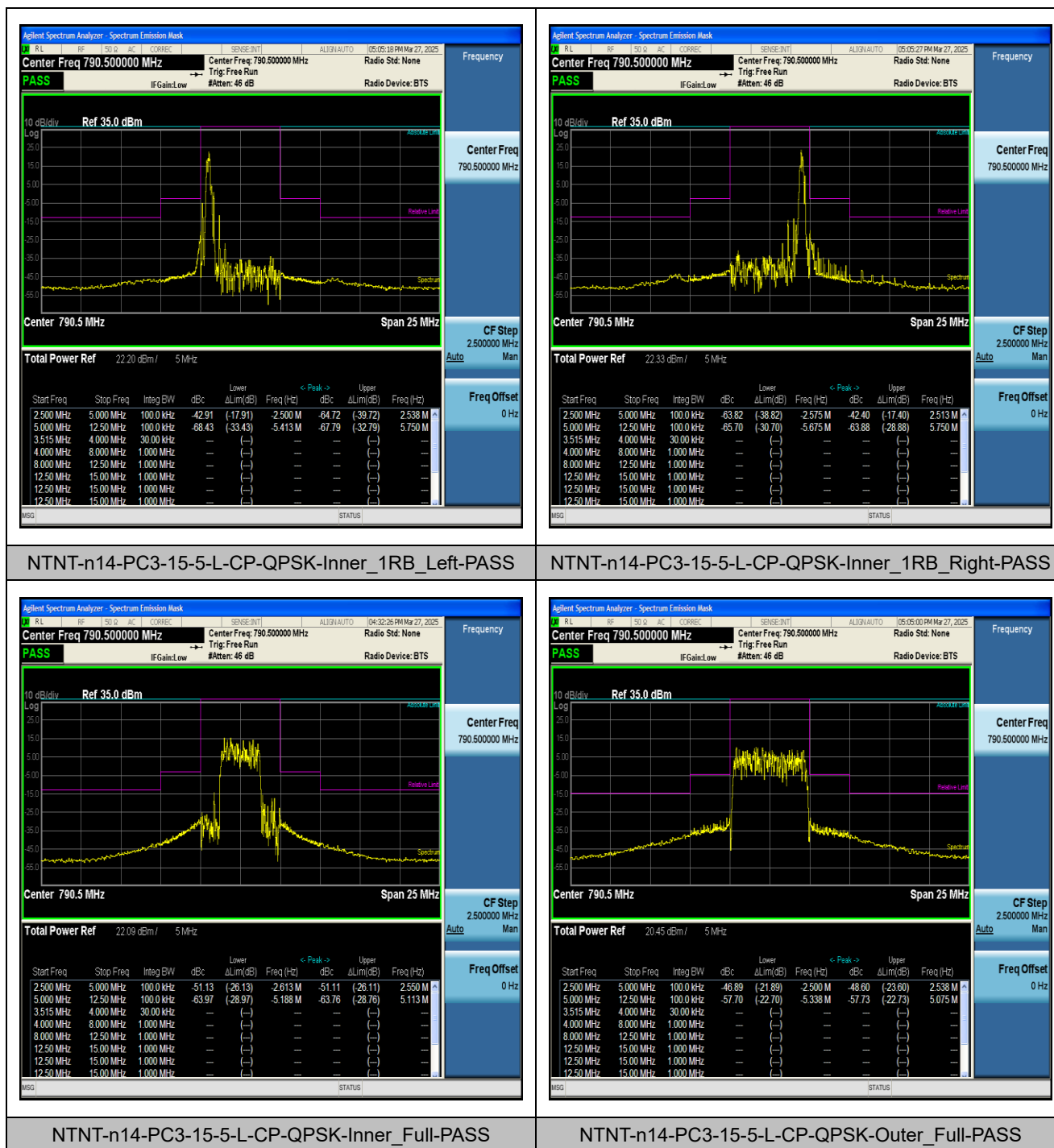


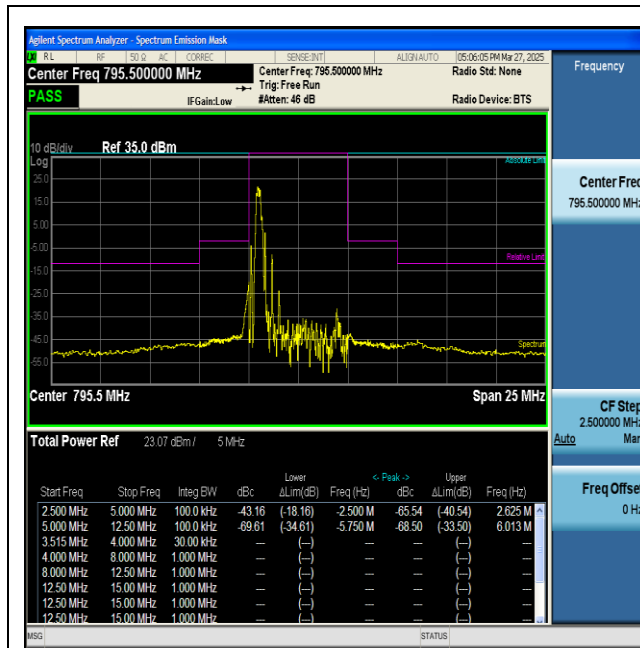


Spectrum_Emission_Mask

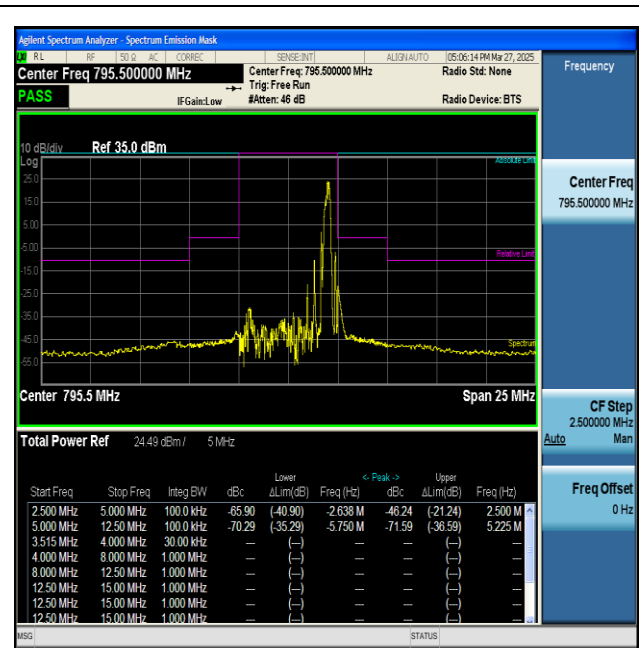
Test Graphs



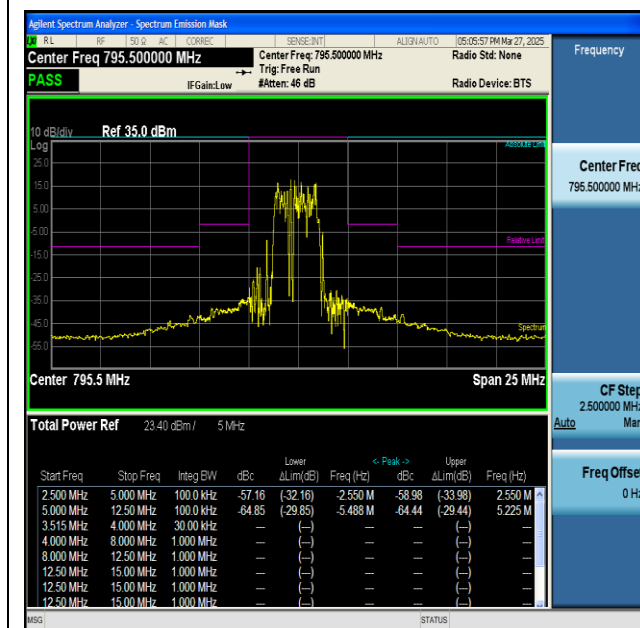




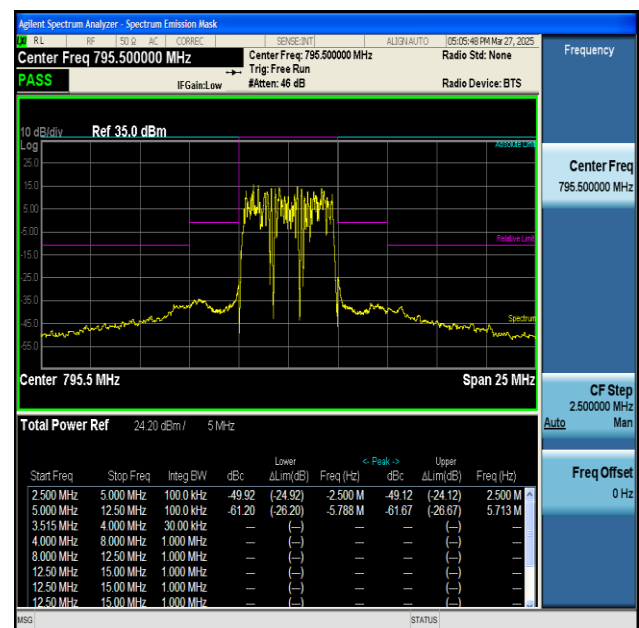
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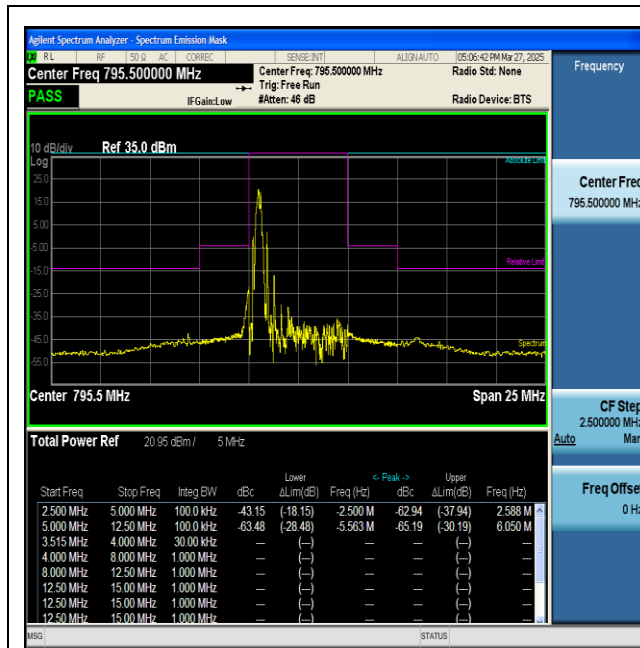
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NTNT-n14-PC3-15-5-H-DFT-BPSK-Inner_Full-PASS

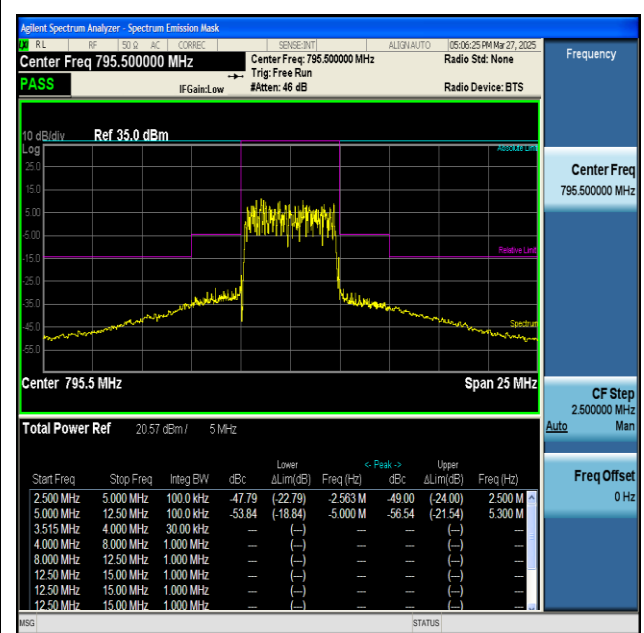
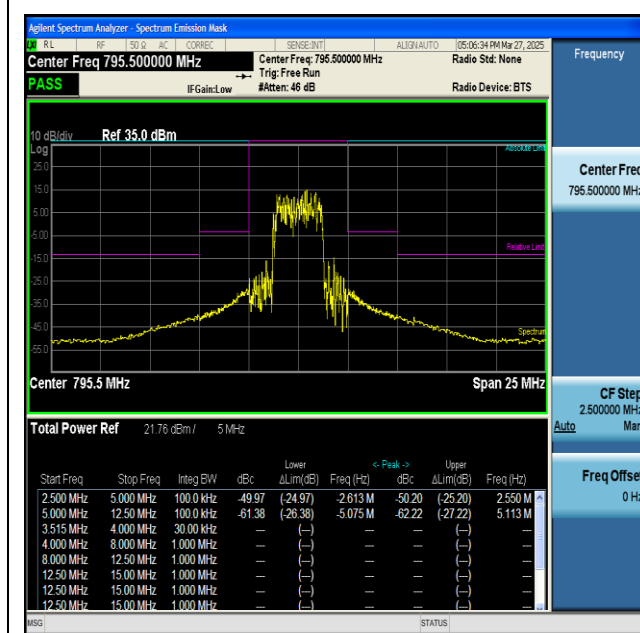


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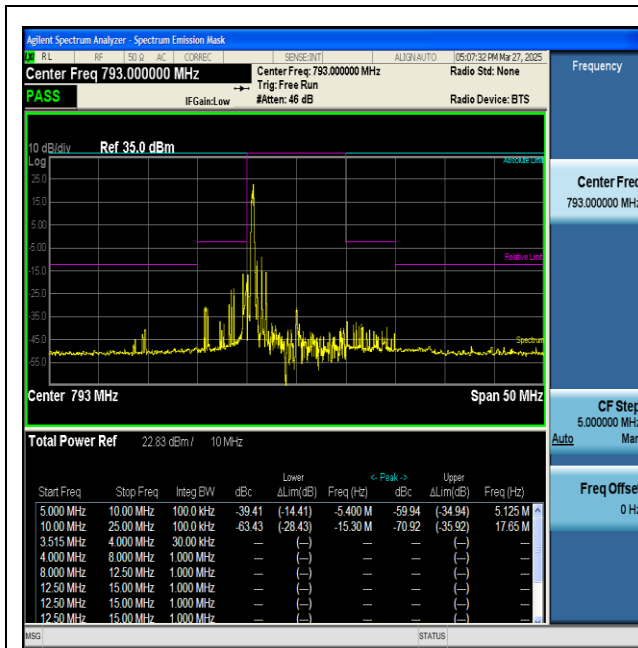
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NTNT-n14-PC3-15-5-H-CP-QPSK-Inner_1RB_Right-PASS

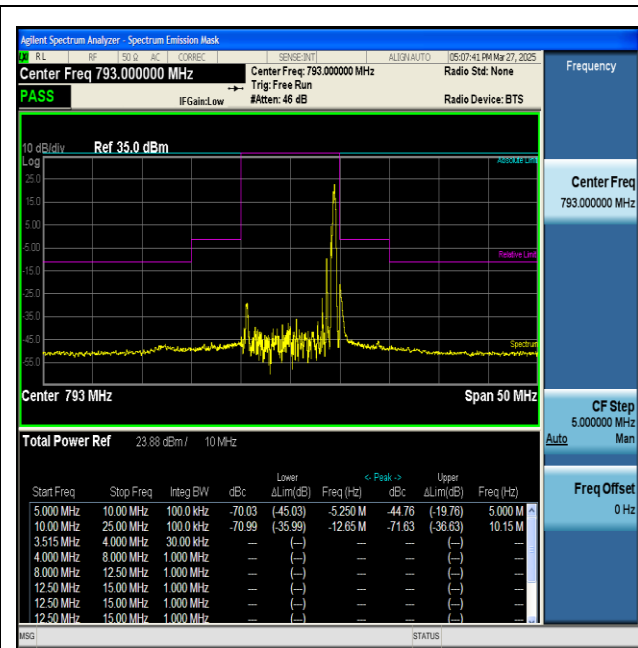


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NTNT-n14-PC3-15-5-H-CP-QPSK-Outer_Full-PASS



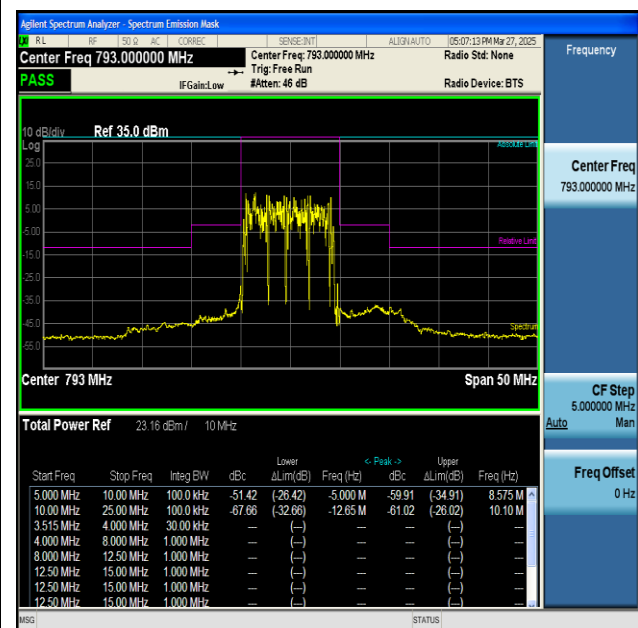
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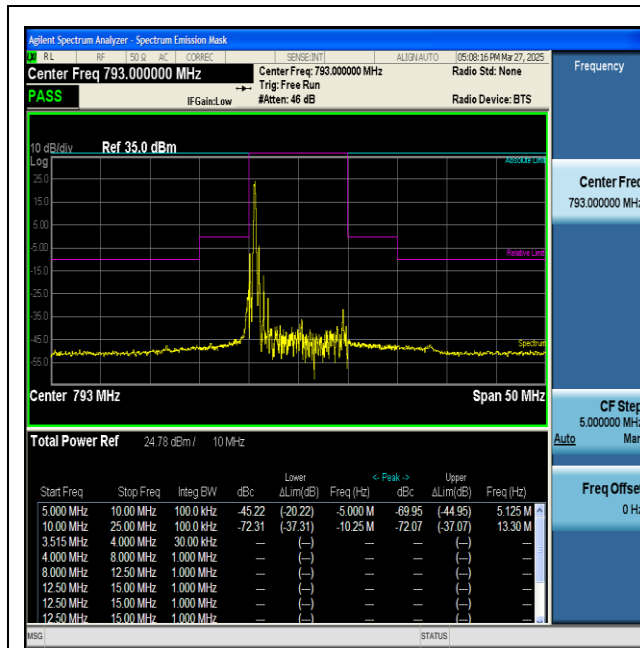
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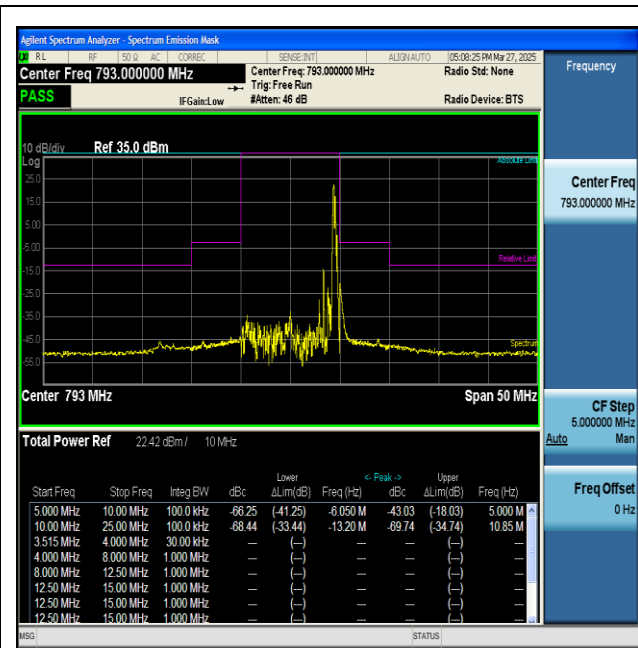
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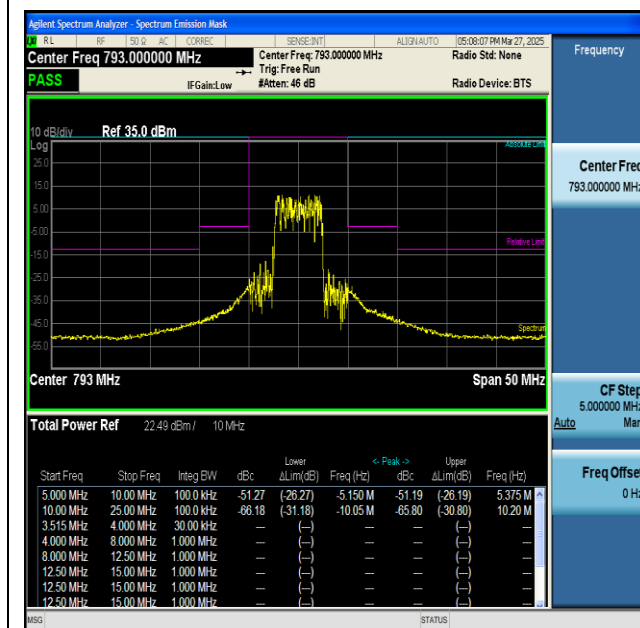
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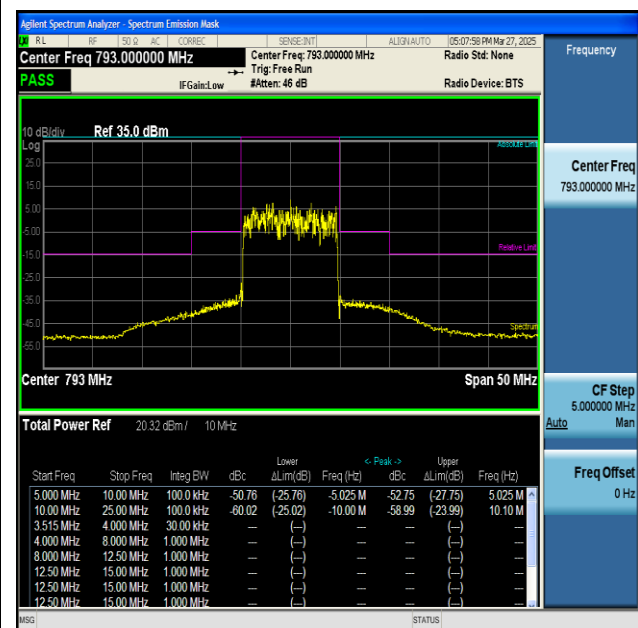
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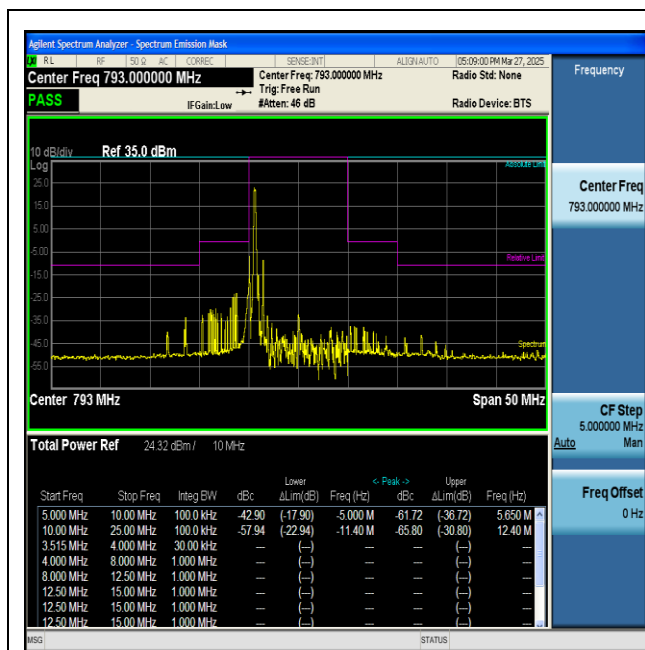
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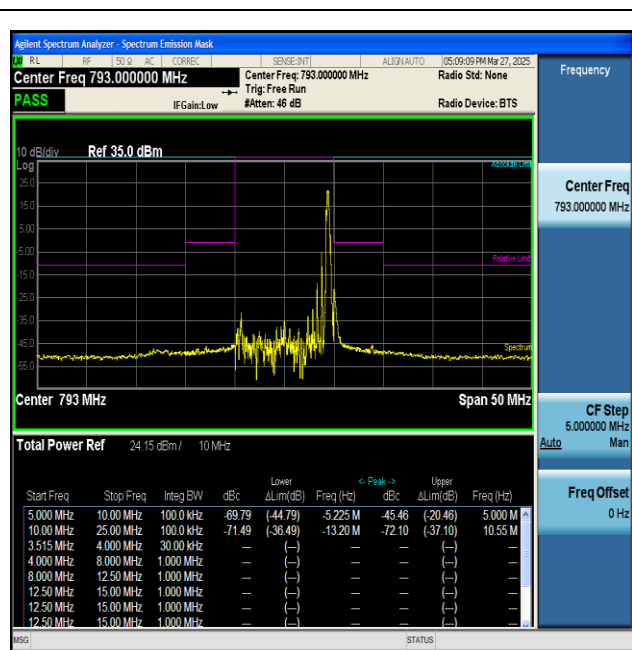
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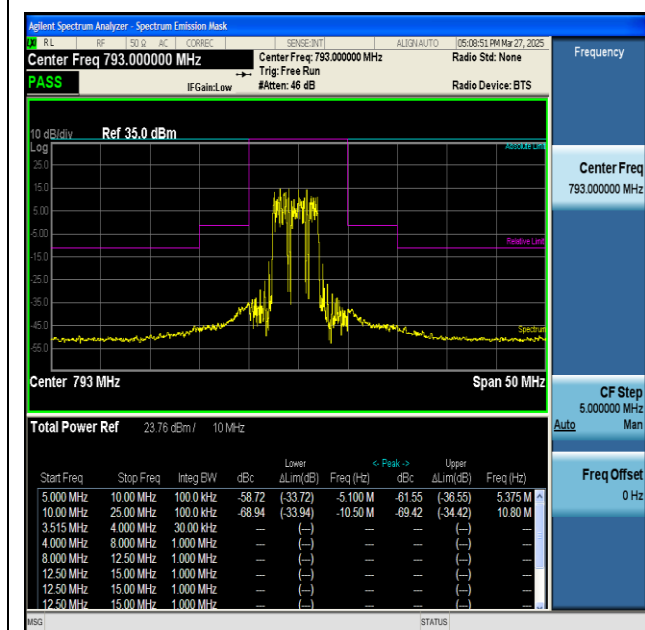
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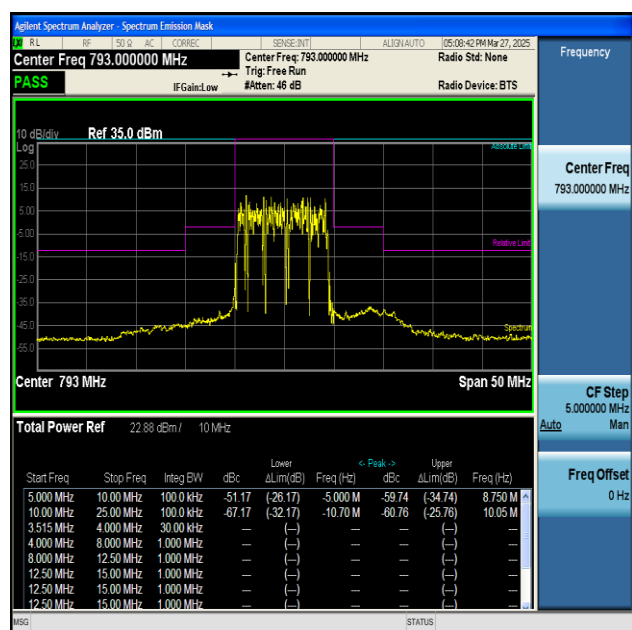
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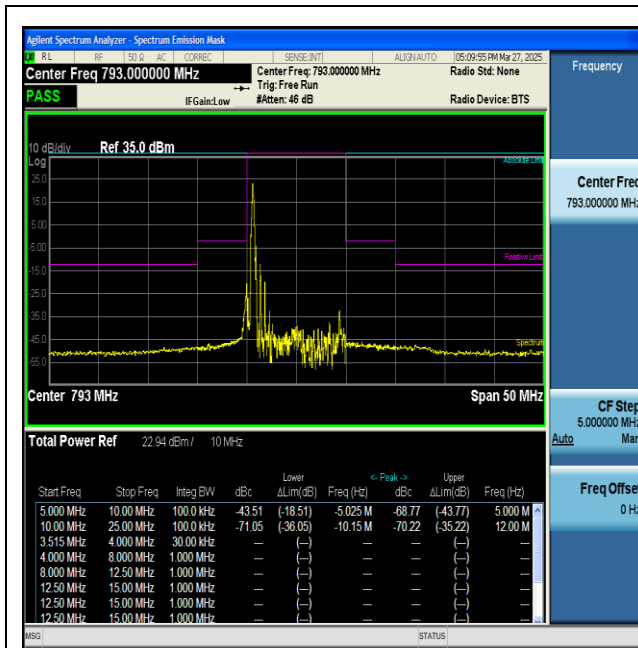
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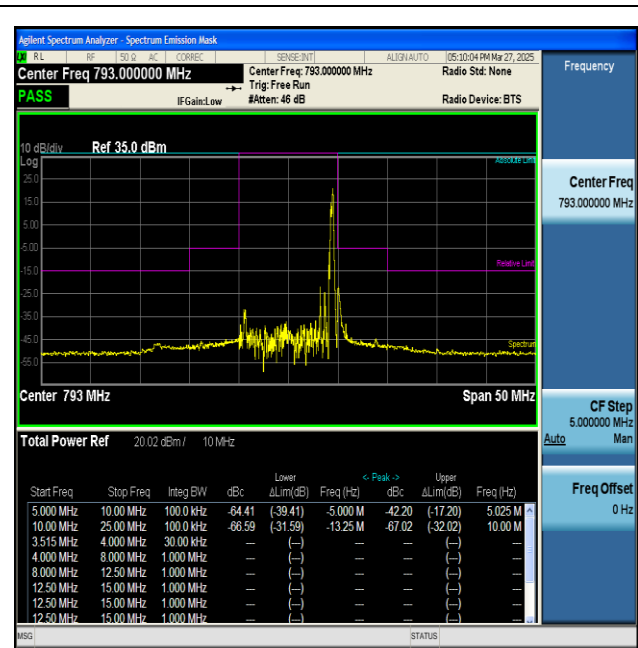
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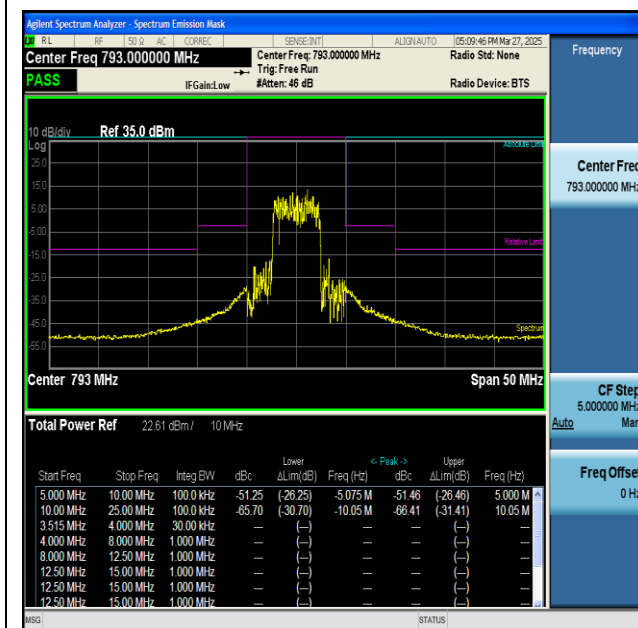
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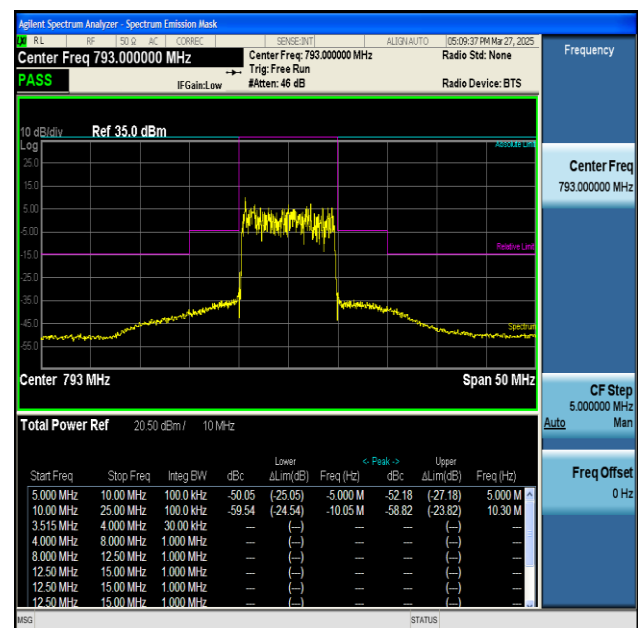
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NTNT-n14-PC3-15-10-H-CP-QPSK-Inner_1RB_Right-PASS



NTNT-n14-PC3-15-10-H-CP-QPSK-Inner_Full-PASS



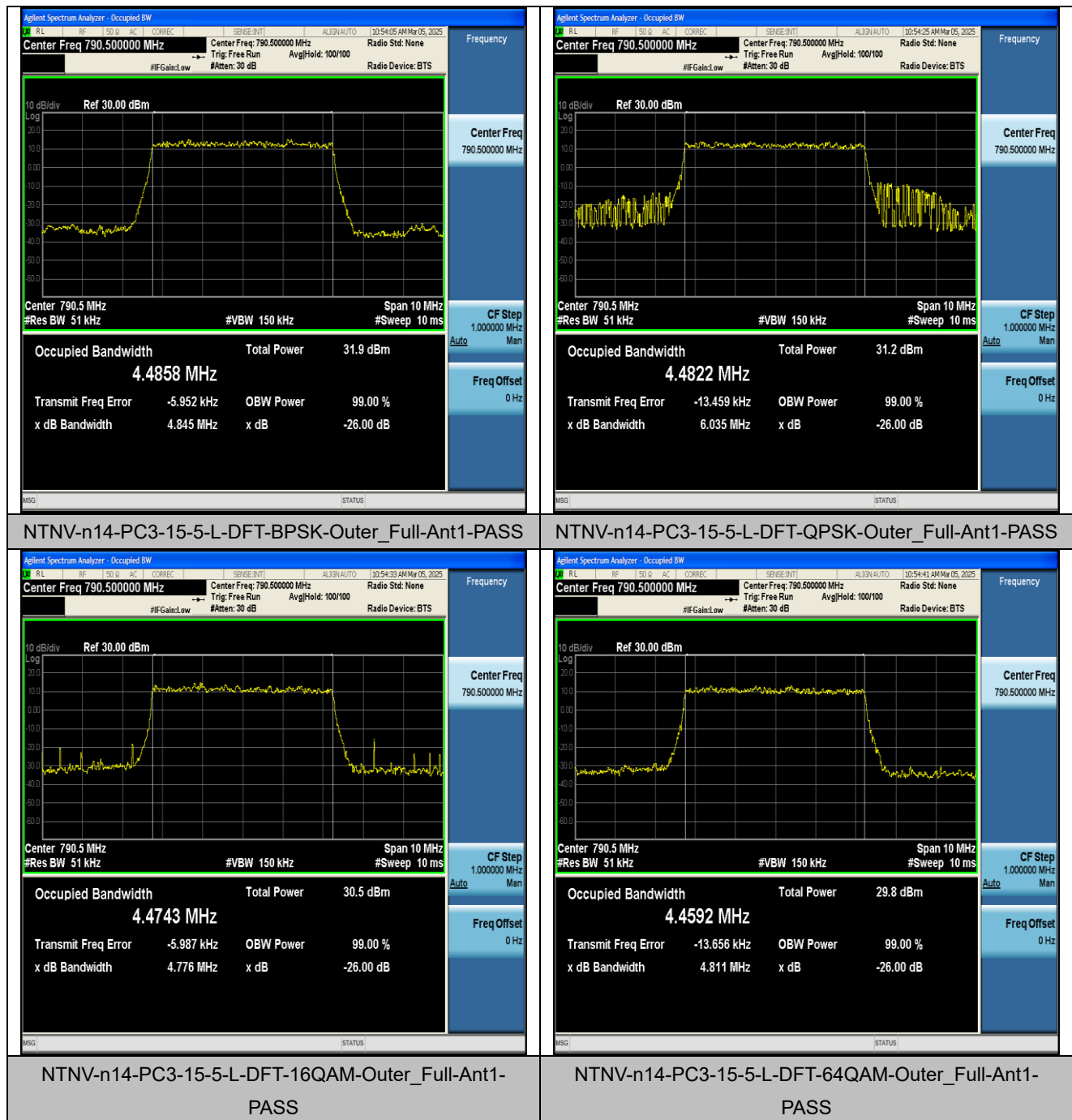
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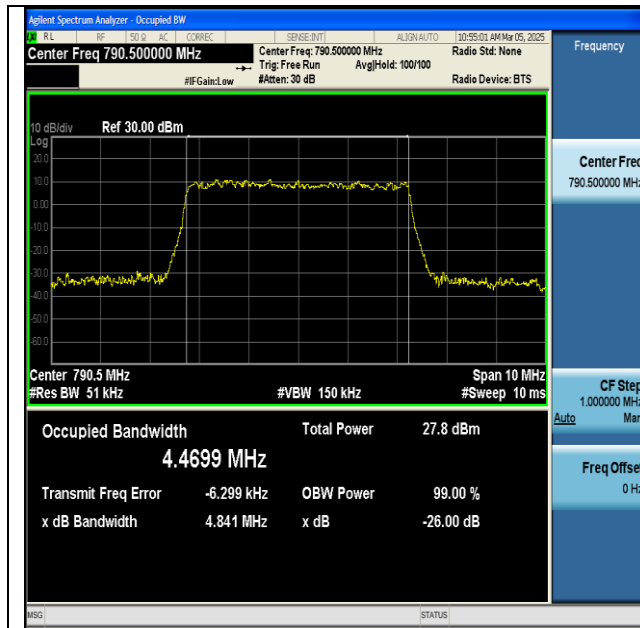
26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n14	15	5	DFT-BPSK	L	Outer_Full	4.4858	4.845	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	4.4822	6.035	PASS
n14	15	5	DFT-16QAM	L	Outer_Full	4.4743	4.776	PASS
n14	15	5	DFT-64QAM	L	Outer_Full	4.4592	4.811	PASS
n14	15	5	DFT-256QAM	L	Outer_Full	4.4699	4.841	PASS
n14	15	5	CP-QPSK	L	Outer_Full	4.4660	4.869	PASS
n14	15	5	CP-16QAM	L	Outer_Full	4.4876	4.881	PASS
n14	15	5	CP-64QAM	L	Outer_Full	4.4741	4.848	PASS
n14	15	5	CP-256QAM	L	Outer_Full	4.4699	4.789	PASS
n14	15	5	DFT-BPSK	M	Outer_Full	4.4726	4.848	PASS
n14	15	5	DFT-QPSK	M	Outer_Full	4.4755	4.814	PASS
n14	15	5	DFT-16QAM	M	Outer_Full	4.4735	4.790	PASS
n14	15	5	DFT-64QAM	M	Outer_Full	4.4734	5.615	PASS
n14	15	5	DFT-256QAM	M	Outer_Full	4.4692	4.809	PASS
n14	15	5	CP-QPSK	M	Outer_Full	4.4672	4.843	PASS
n14	15	5	CP-16QAM	M	Outer_Full	4.4800	4.904	PASS
n14	15	5	CP-64QAM	M	Outer_Full	4.4735	4.836	PASS
n14	15	5	CP-256QAM	M	Outer_Full	4.4661	4.825	PASS
n14	15	5	DFT-BPSK	H	Outer_Full	4.4954	4.887	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	4.4833	4.867	PASS
n14	15	5	DFT-16QAM	H	Outer_Full	4.4758	4.776	PASS
n14	15	5	DFT-64QAM	H	Outer_Full	4.4643	4.853	PASS
n14	15	5	DFT-256QAM	H	Outer_Full	4.4761	4.795	PASS
n14	15	5	CP-QPSK	H	Outer_Full	4.4680	4.847	PASS
n14	15	5	CP-16QAM	H	Outer_Full	4.4805	4.872	PASS
n14	15	5	CP-64QAM	H	Outer_Full	4.4780	4.863	PASS
n14	15	5	CP-256QAM	H	Outer_Full	4.4870	4.907	PASS
n14	15	10	DFT-BPSK	L	Outer_Full	8.9282	9.503	PASS
n14	15	10	DFT-QPSK	L	Outer_Full	8.9312	9.598	PASS
n14	15	10	DFT-16QAM	L	Outer_Full	8.9046	9.503	PASS
n14	15	10	DFT-64QAM	L	Outer_Full	8.9171	9.550	PASS
n14	15	10	DFT-256QAM	L	Outer_Full	8.9274	9.604	PASS
n14	15	10	CP-QPSK	L	Outer_Full	9.2823	10.02	PASS
n14	15	10	CP-16QAM	L	Outer_Full	9.2993	9.844	PASS
n14	15	10	CP-64QAM	L	Outer_Full	9.2733	9.875	PASS
n14	15	10	CP-256QAM	L	Outer_Full	9.2732	9.816	PASS
n14	15	10	DFT-BPSK	M	Outer_Full	8.9301	9.510	PASS
n14	15	10	DFT-QPSK	M	Outer_Full	8.9455	9.560	PASS
n14	15	10	DFT-16QAM	M	Outer_Full	8.9062	9.526	PASS

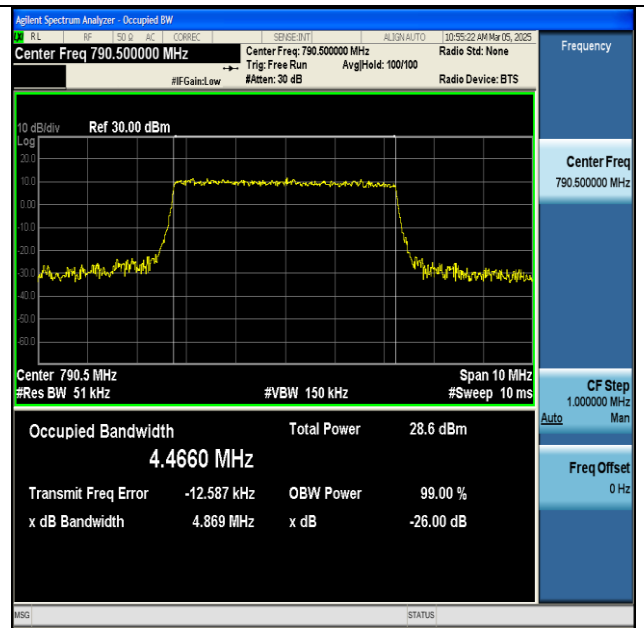
n14	15	10	DFT-64QAM	M	Outer_Full	8.9203	9.487	PASS
n14	15	10	DFT-256QAM	M	Outer_Full	8.9357	9.684	PASS
n14	15	10	CP-QPSK	M	Outer_Full	9.2838	9.997	PASS
n14	15	10	CP-16QAM	M	Outer_Full	9.3055	9.851	PASS
n14	15	10	CP-64QAM	M	Outer_Full	9.2741	9.801	PASS
n14	15	10	CP-256QAM	M	Outer_Full	9.2744	9.857	PASS
n14	15	10	DFT-BPSK	H	Outer_Full	8.9169	9.584	PASS
n14	15	10	DFT-QPSK	H	Outer_Full	8.9399	9.629	PASS
n14	15	10	DFT-16QAM	H	Outer_Full	8.9007	9.488	PASS
n14	15	10	DFT-64QAM	H	Outer_Full	8.9197	9.514	PASS
n14	15	10	DFT-256QAM	H	Outer_Full	8.9294	9.643	PASS
n14	15	10	CP-QPSK	H	Outer_Full	9.2775	9.998	PASS
n14	15	10	CP-16QAM	H	Outer_Full	9.3159	9.842	PASS
n14	15	10	CP-64QAM	H	Outer_Full	9.2755	9.883	PASS
n14	15	10	CP-256QAM	H	Outer_Full	9.2772	9.836	PASS

Test Graphs





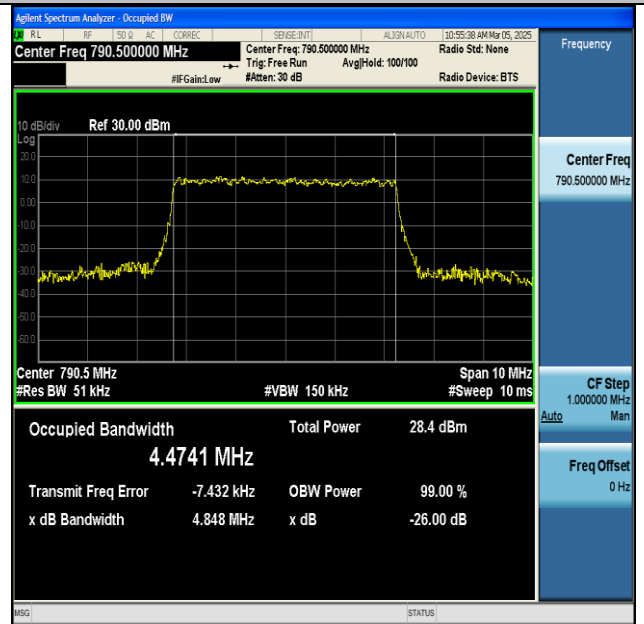
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NTNV-n14-PC3-15-5-L-CP-QPSK-Outer_Full-Ant1-PASS



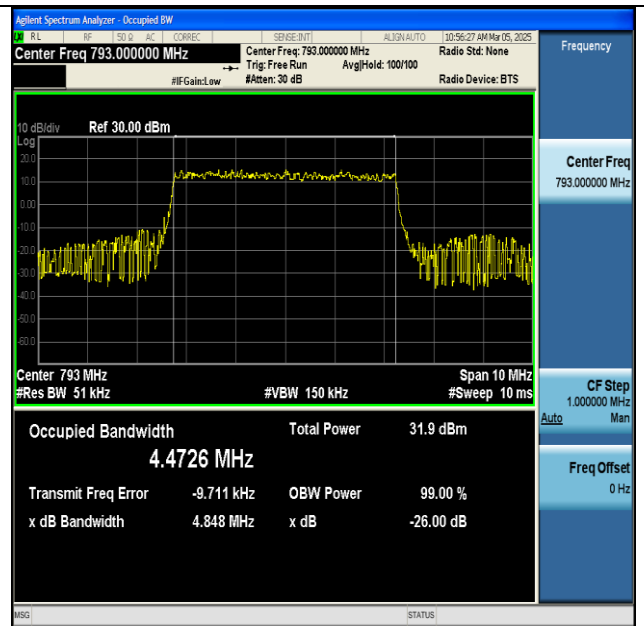
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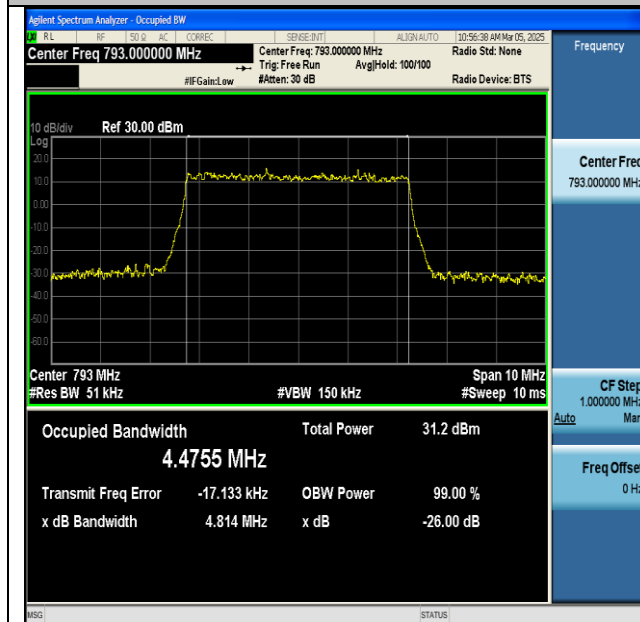
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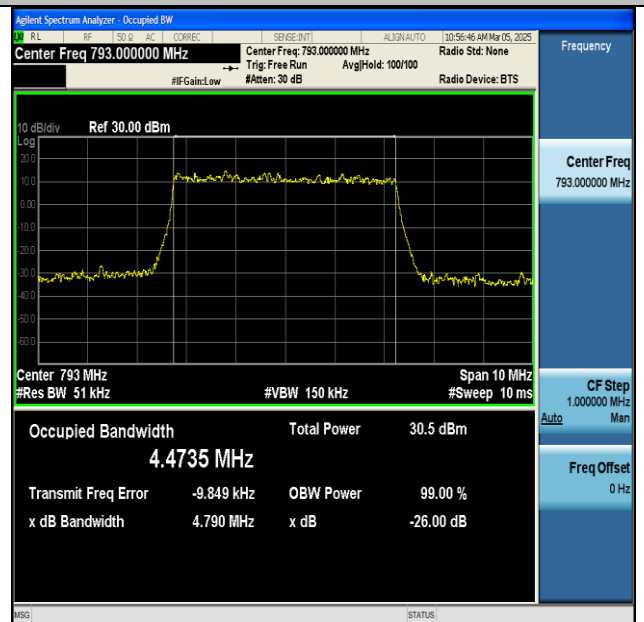
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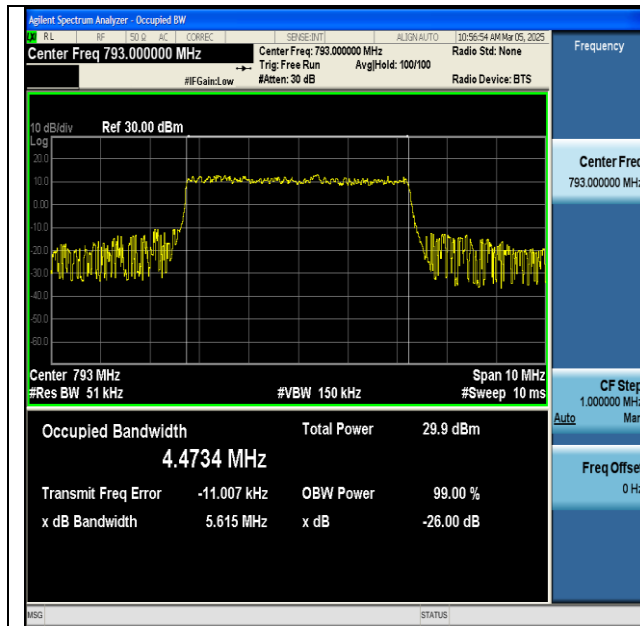
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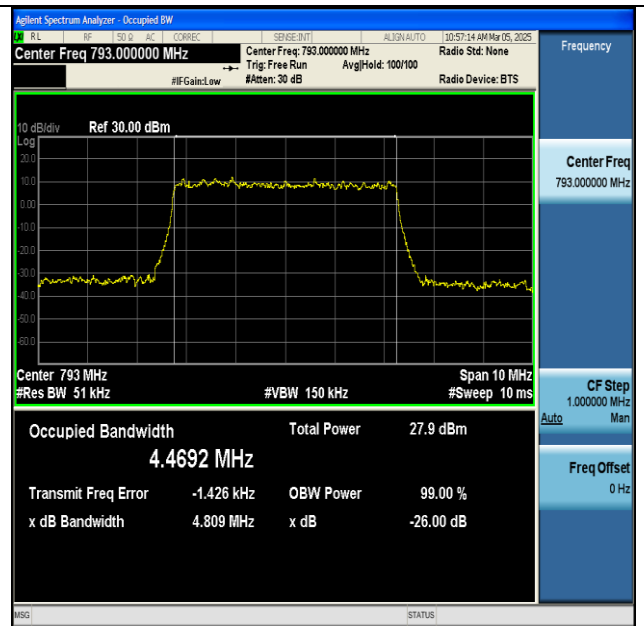
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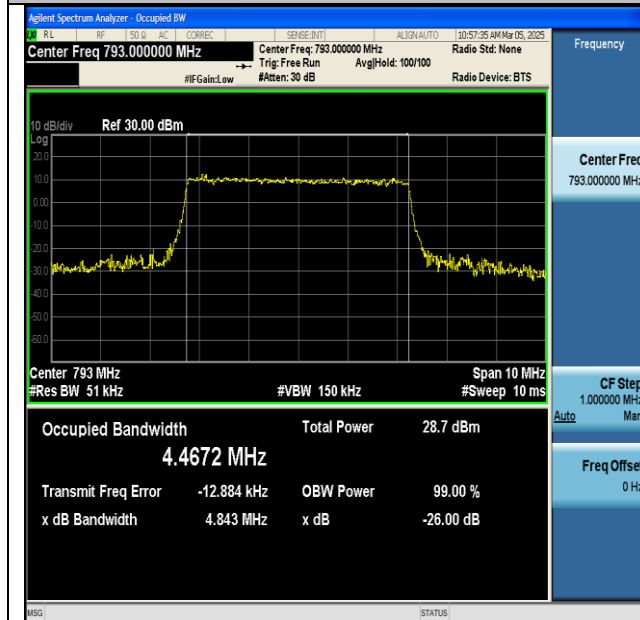
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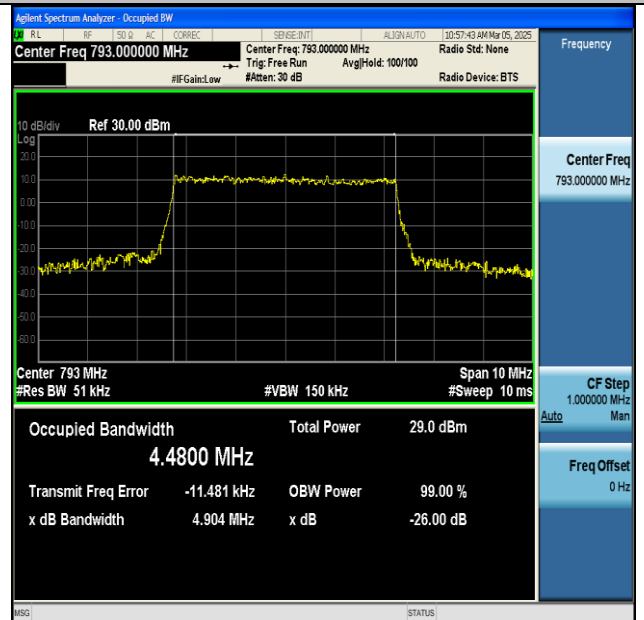
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PASS



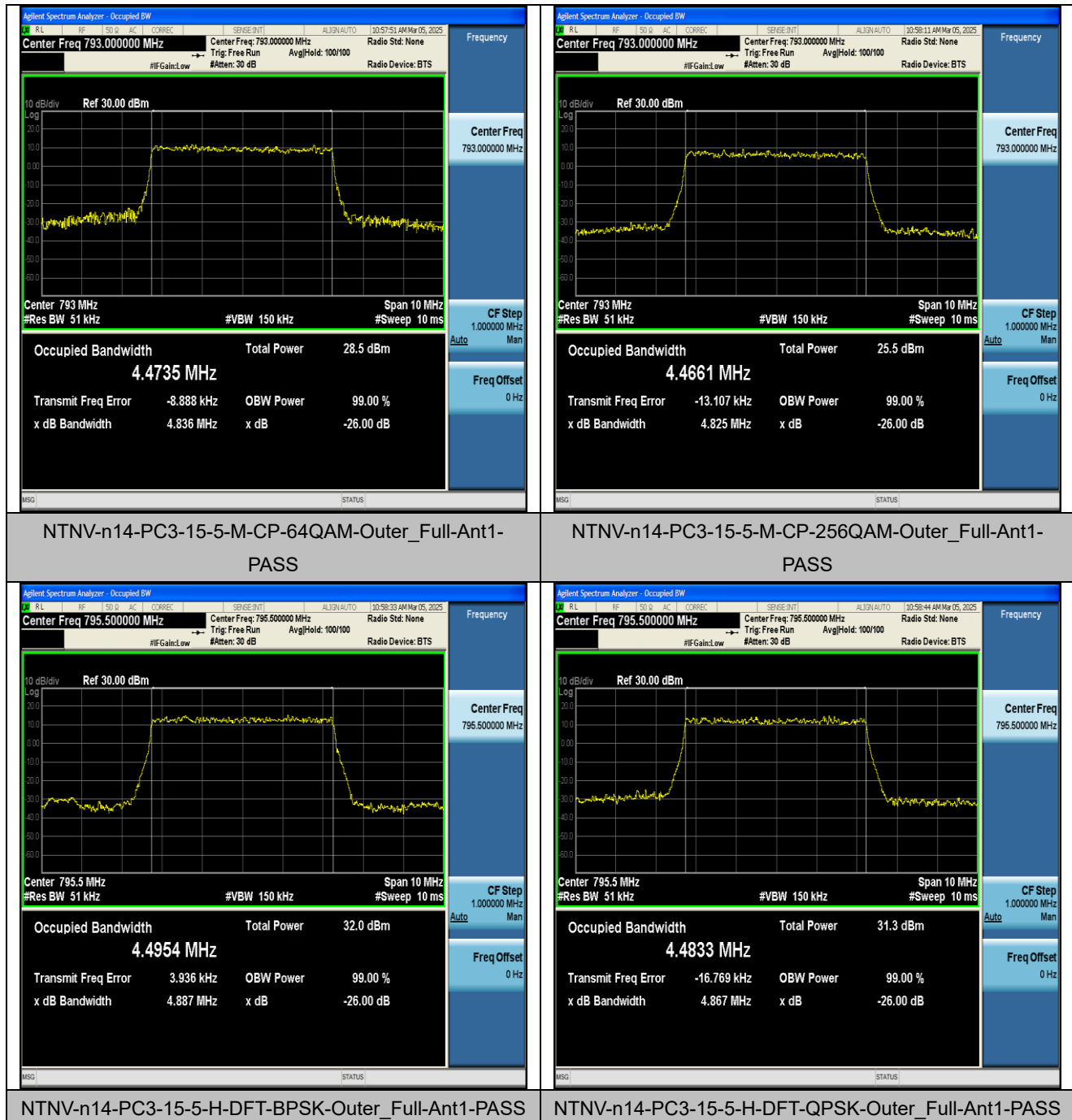
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PASS

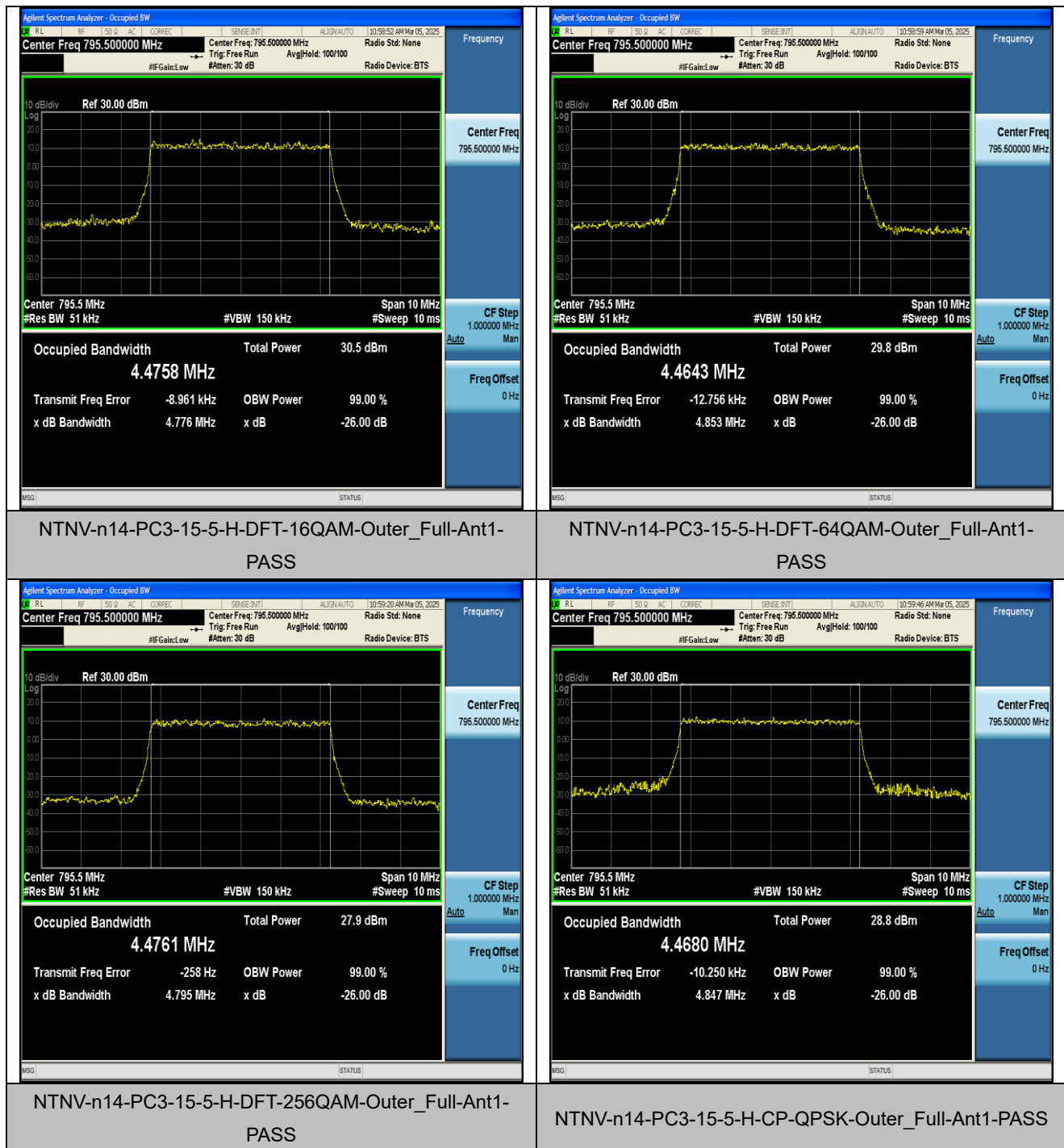


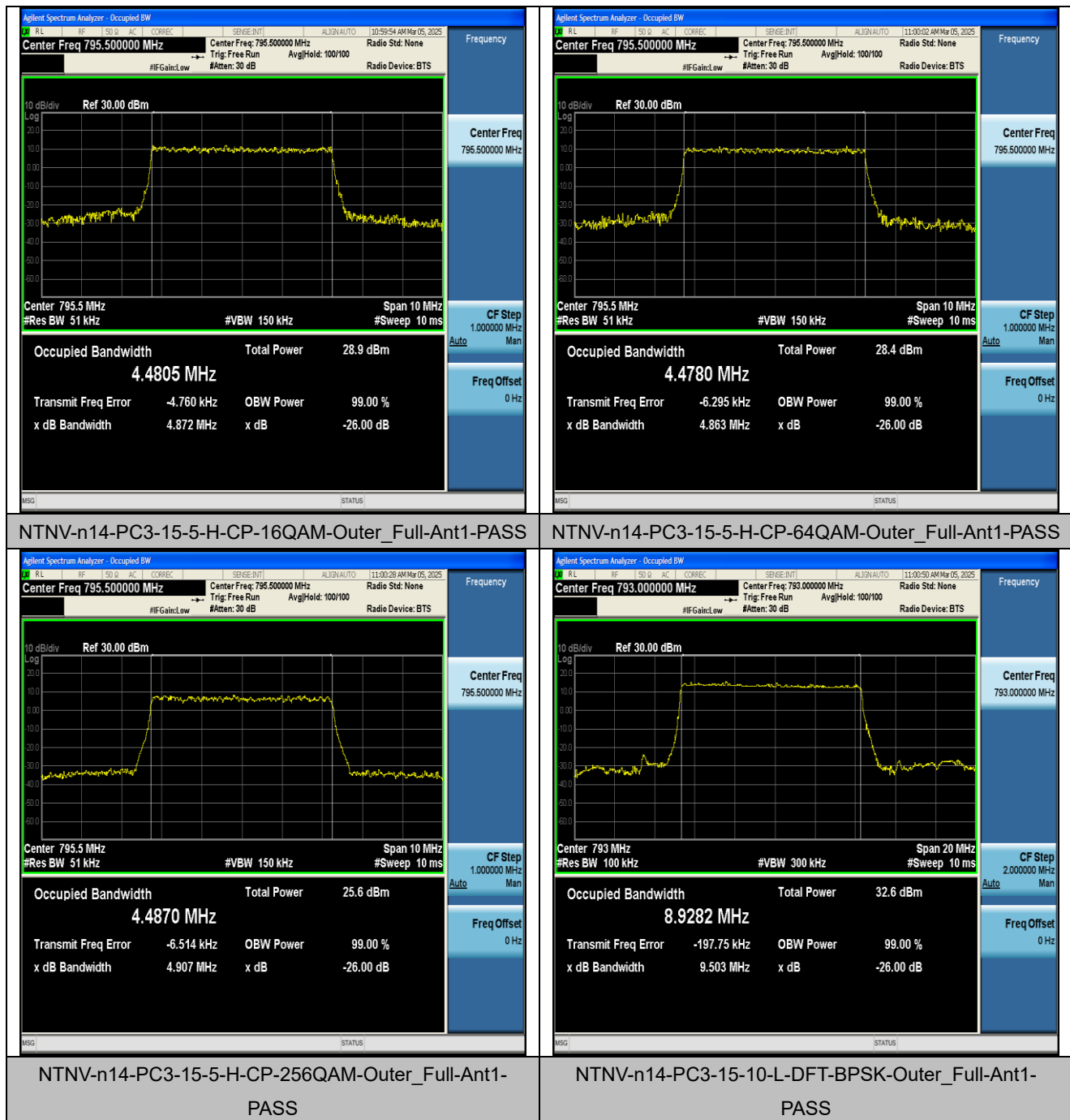
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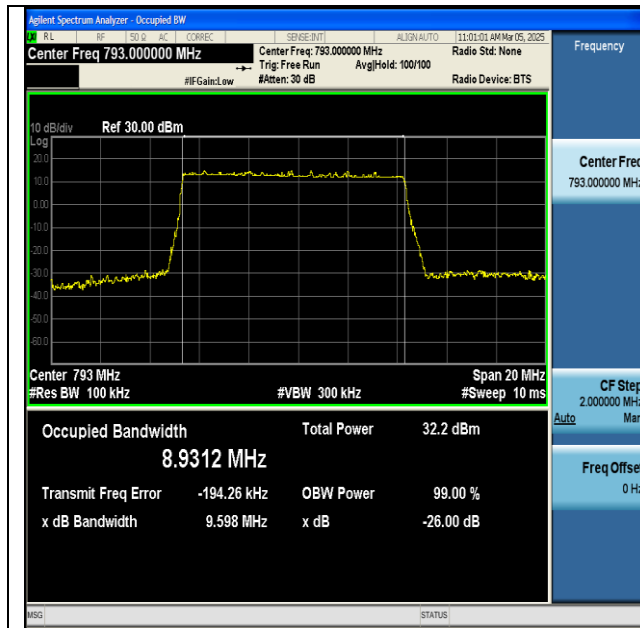


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PASS

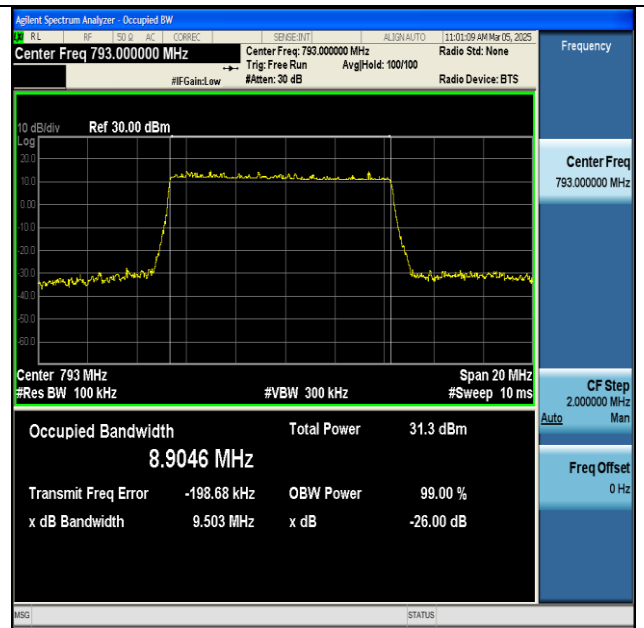








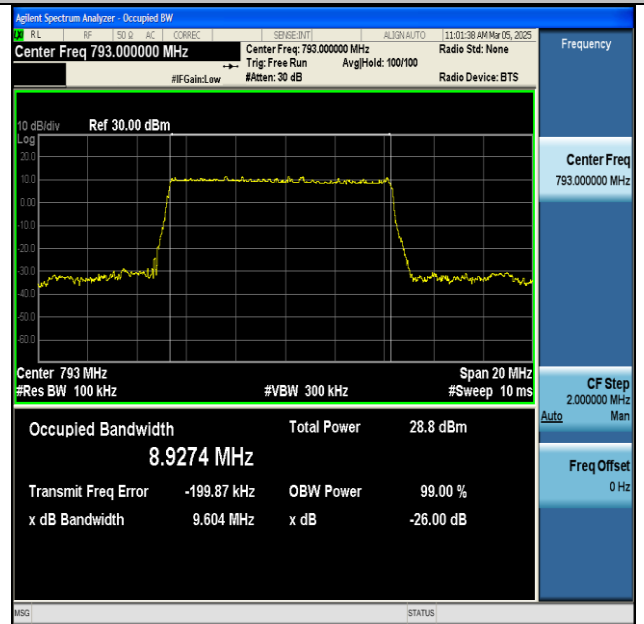
NTNV-n14-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant1-
PASS



NTNV-n14-PC3-15-10-L-DFT-16QAM-Outer_Full-Ant1-
PASS



NTNV-n14-PC3-15-10-L-DFT-64QAM-Outer_Full-Ant1-
PASS



NTNV-n14-PC3-15-10-L-DFT-256QAM-Outer_Full-Ant1-
PASS