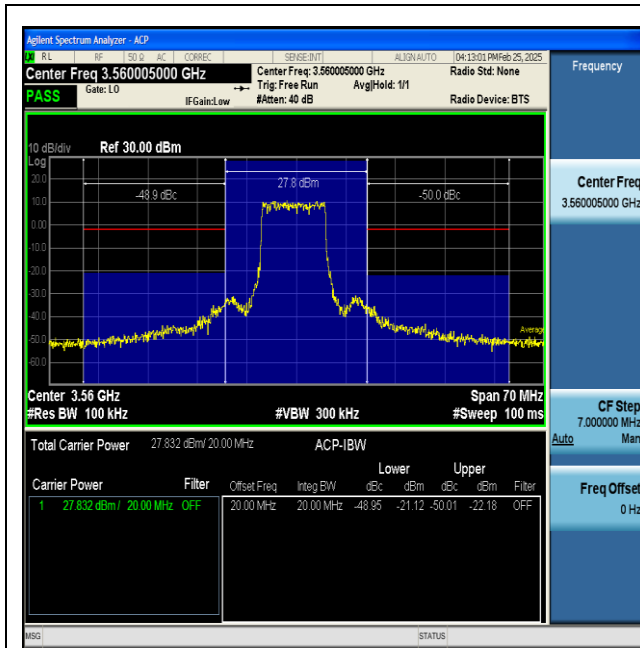




NTNV-n48-PC3-30-20-L-DFT-BPSK-Inner_Full-PASS



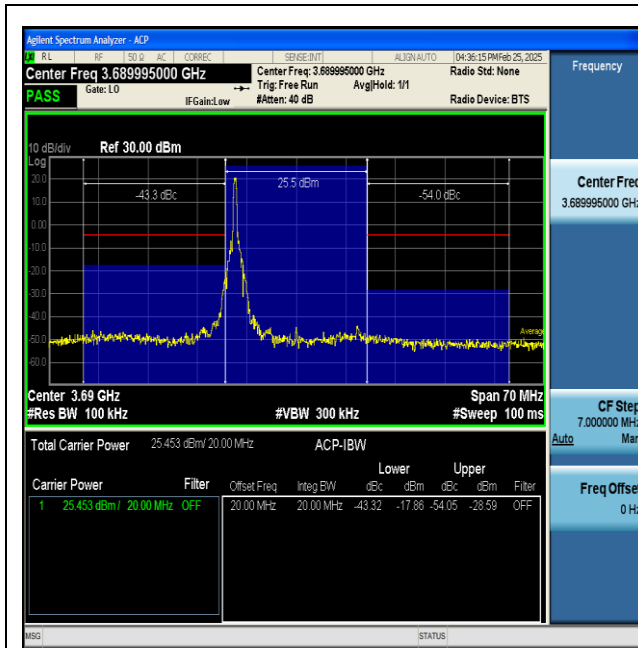
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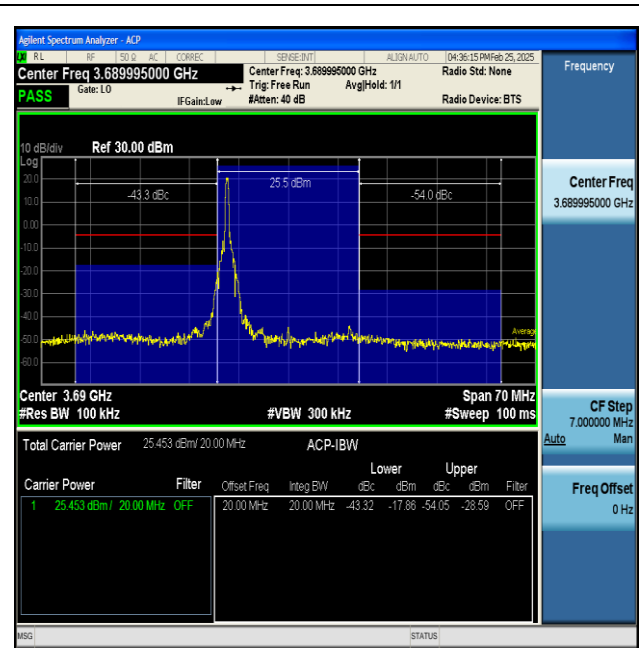
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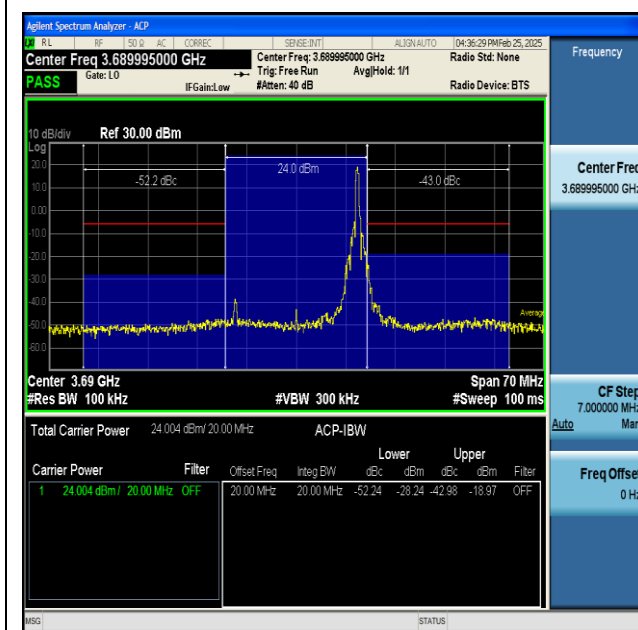
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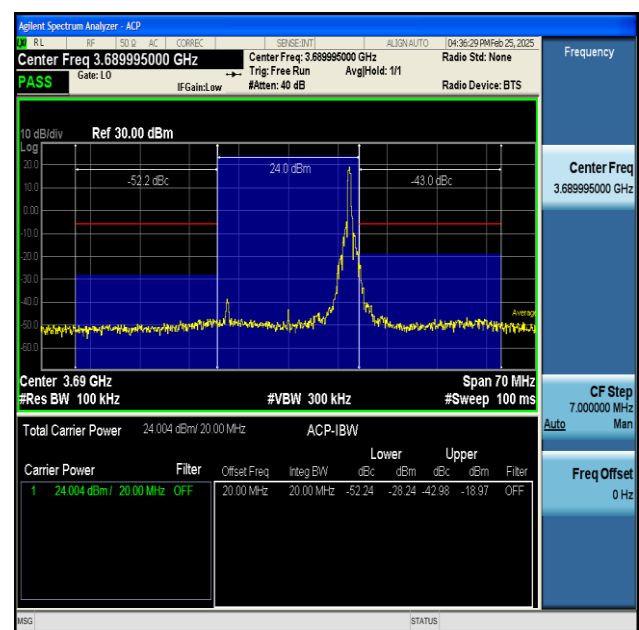
NTNV-n48-PC3-30-20-H-DFT-BPSK-Inner_1RB_Left-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Inner_1RB_Left-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Inner_1RB_Right-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Inner_1RB_Right-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Inner_Full-PASS



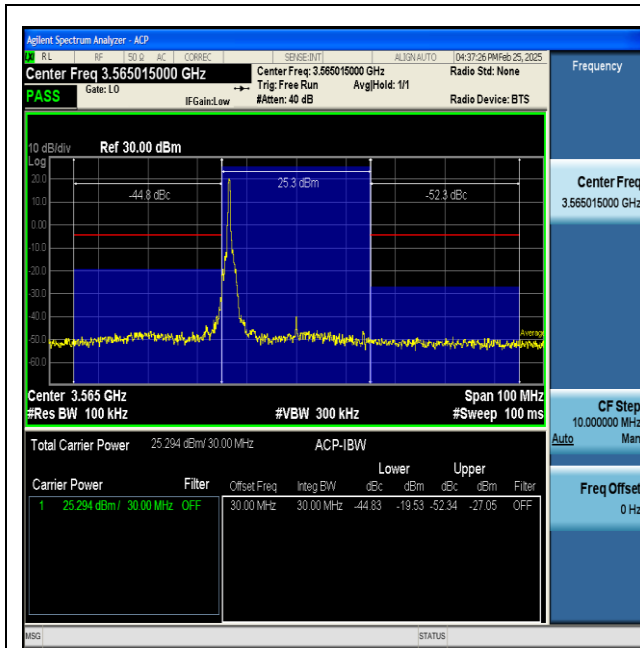
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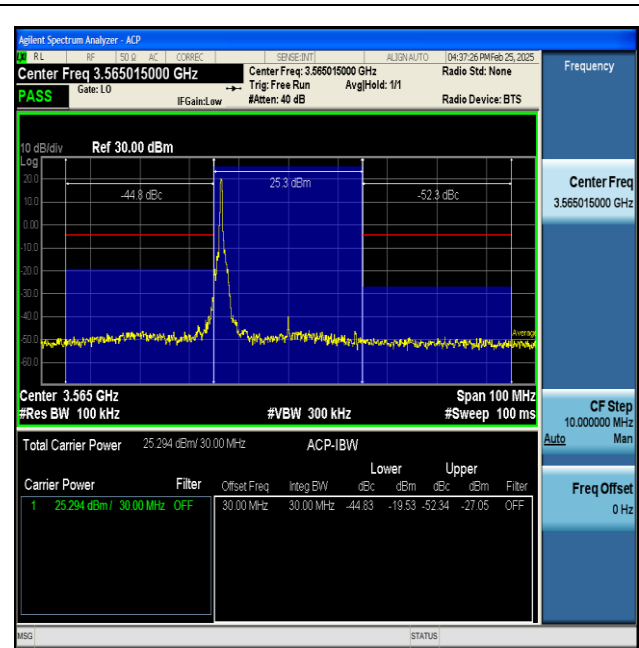
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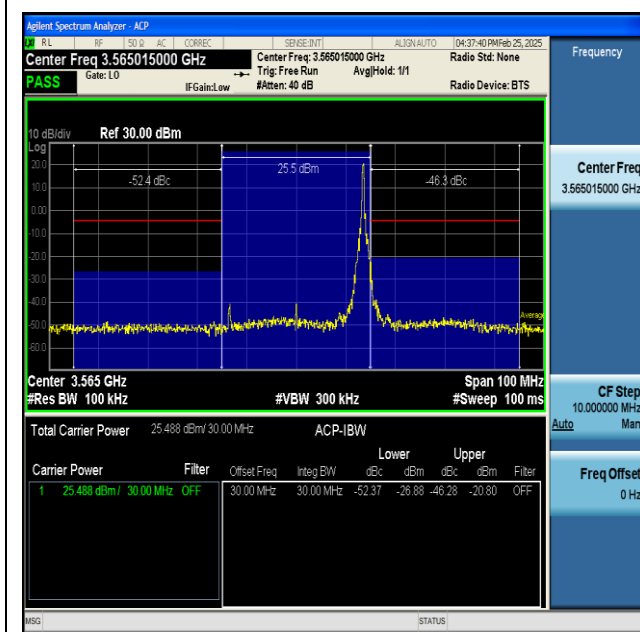
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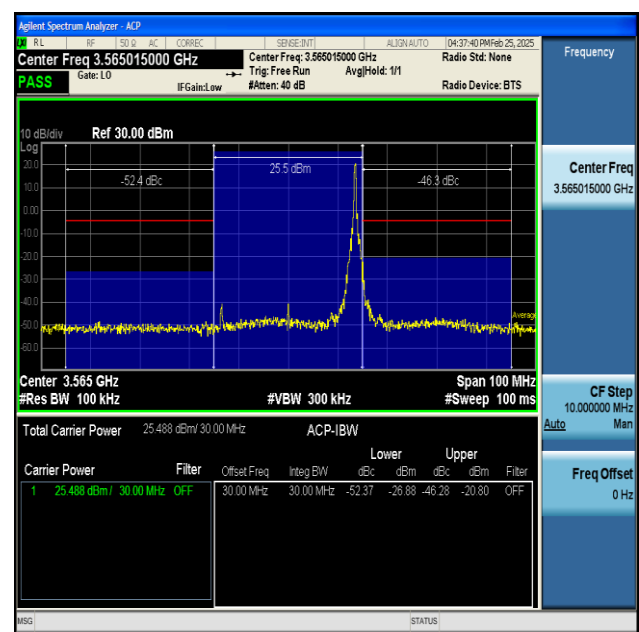
NTNV-n48-PC3-30-30-L-DFT-BPSK-Inner_1RB_Left-
PASS



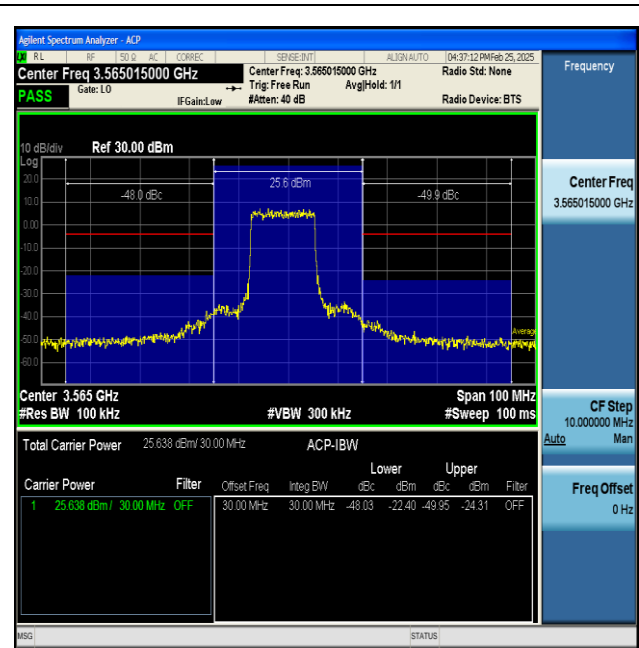
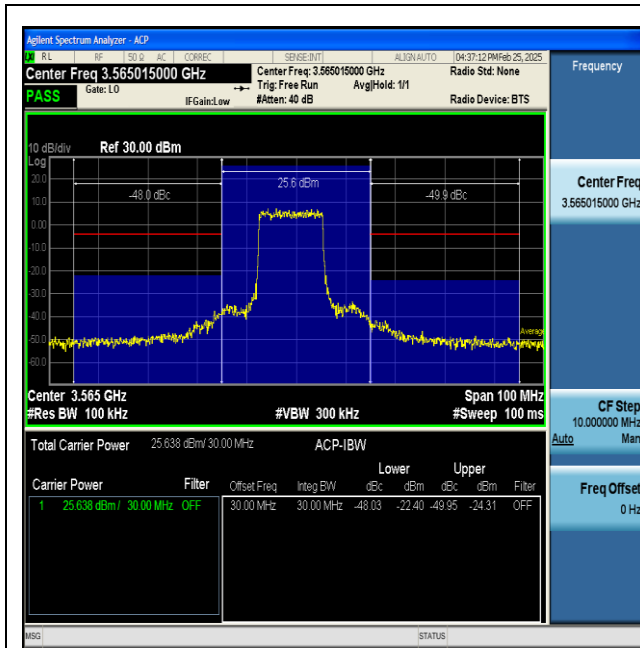
NTNV-n48-PC3-30-30-L-DFT-BPSK-Inner_1RB_Left-
PASS



NTNV-n48-PC3-30-30-L-DFT-BPSK-Inner_1RB_Right-
PASS

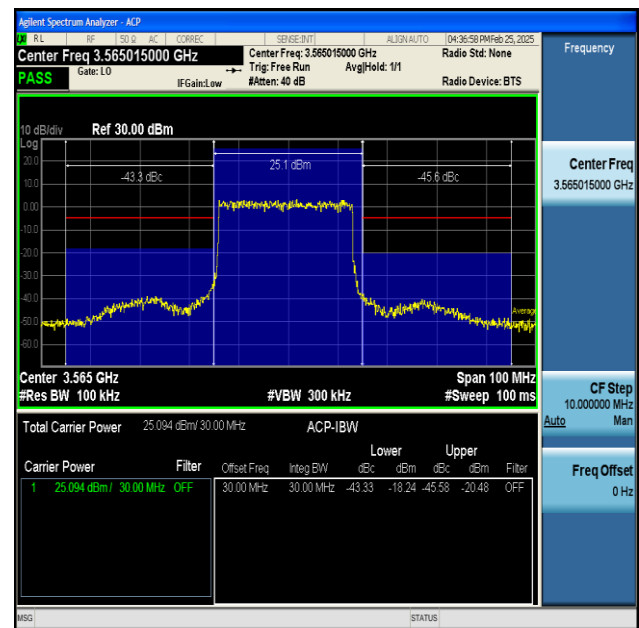


NTNV-n48-PC3-30-30-L-DFT-BPSK-Inner_1RB_Right-
PASS



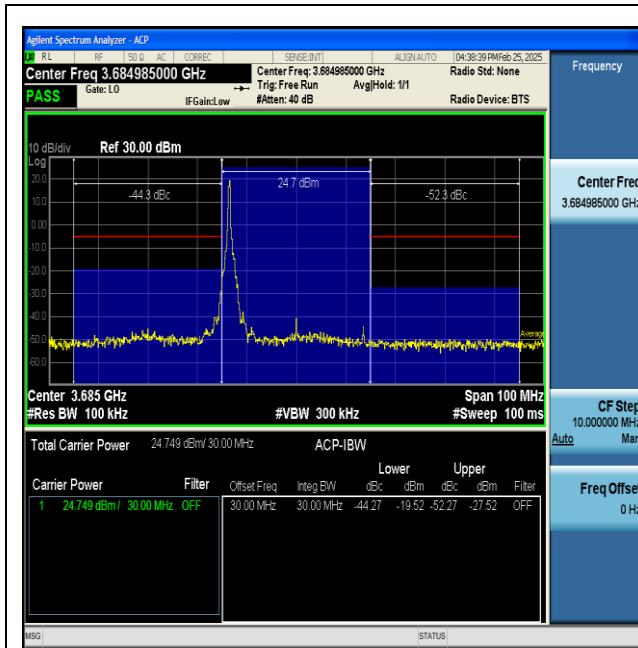
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NTNV-n48-PC3-30-30-L-DFT-BPSK-Inner_Full-PASS

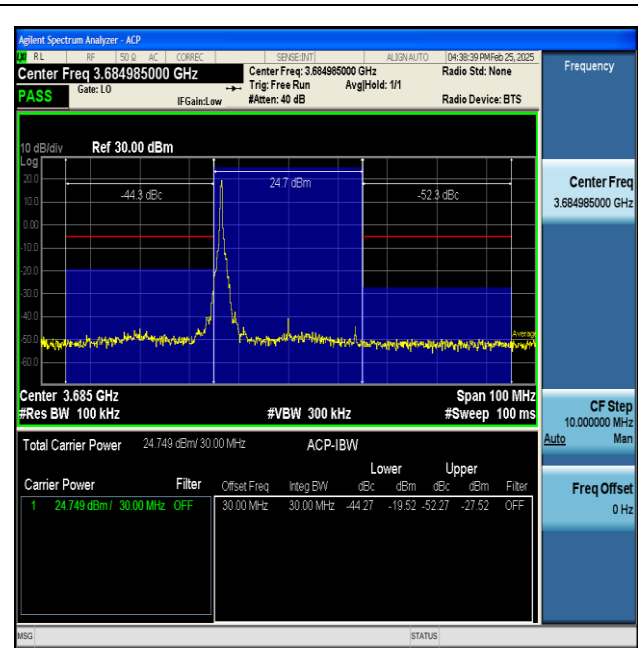


NTNV-n48-PC3-30-30-L-DFT-BPSK-Outer_Full-PASS

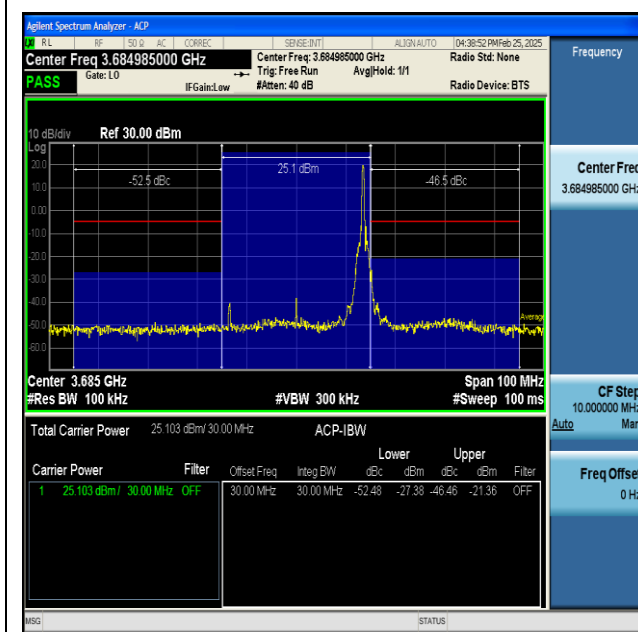
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NTNV-n48-PC3-30-30-H-DFT-BPSK-Inner_1RB_Left-
PASS



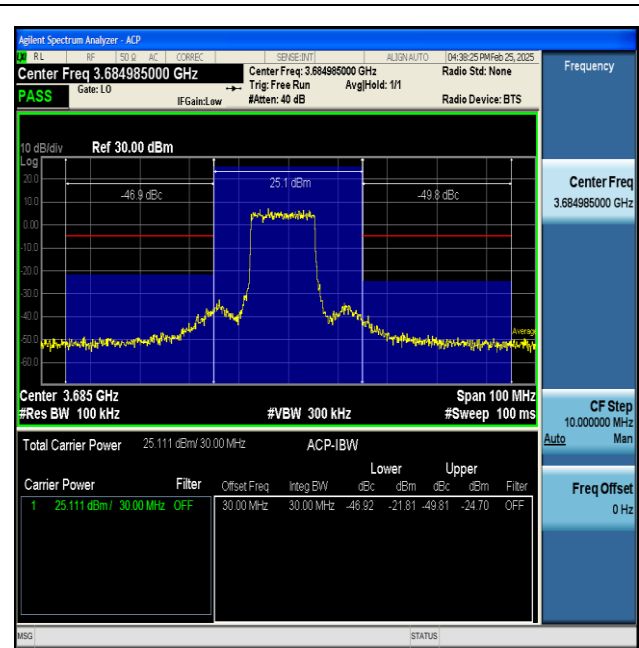
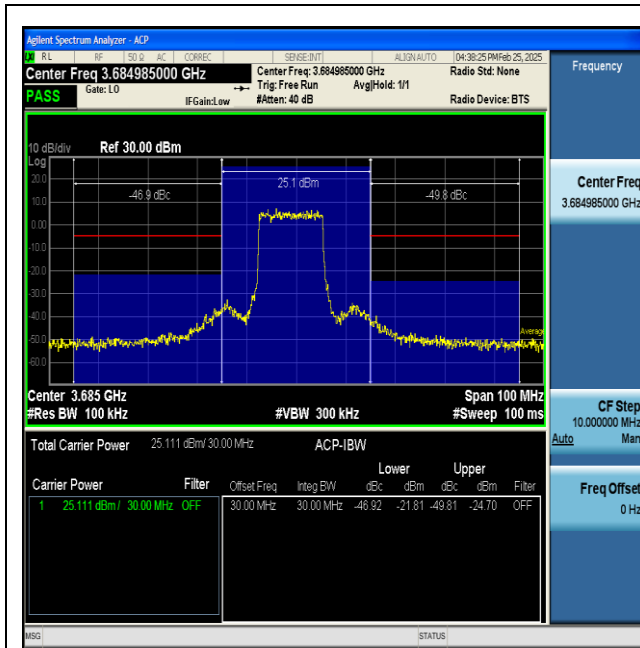
NTNV-n48-PC3-30-30-H-DFT-BPSK-Inner_1RB_Left-
PASS



NTNV-n48-PC3-30-30-H-DFT-BPSK-Inner_1RB_Right-
PASS

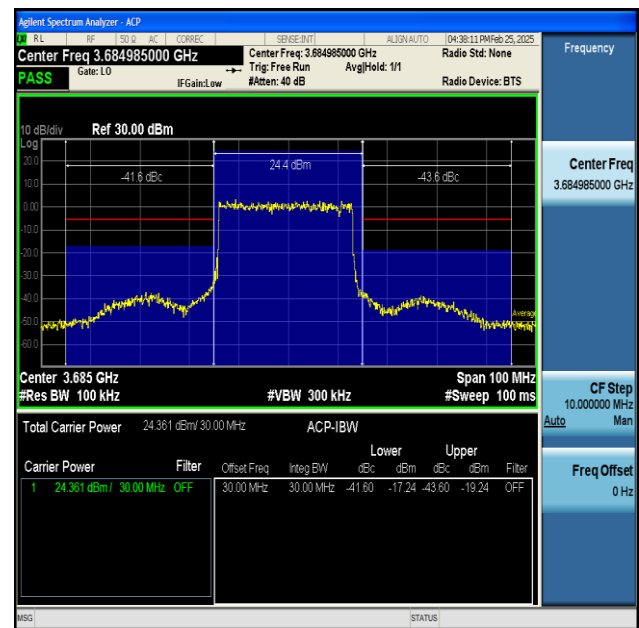


NTNV-n48-PC3-30-30-H-DFT-BPSK-Inner_1RB_Right-
PASS



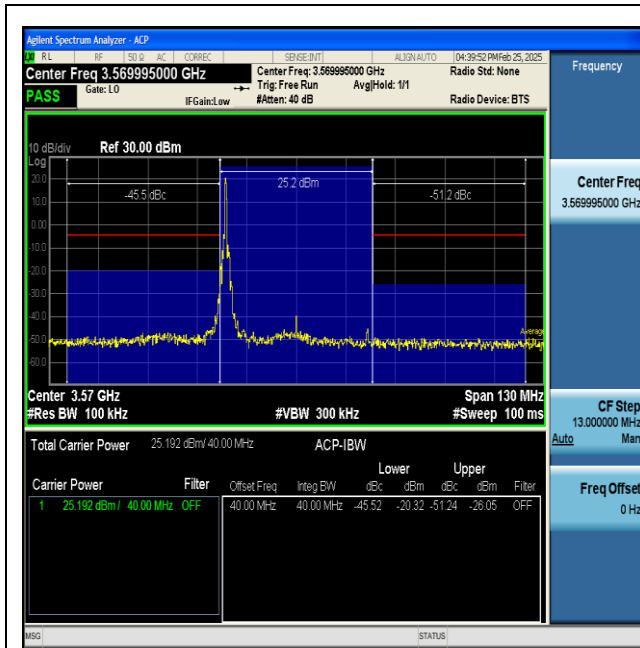
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NTNV-n48-PC3-30-30-H-DFT-BPSK-Inner_Full-PASS

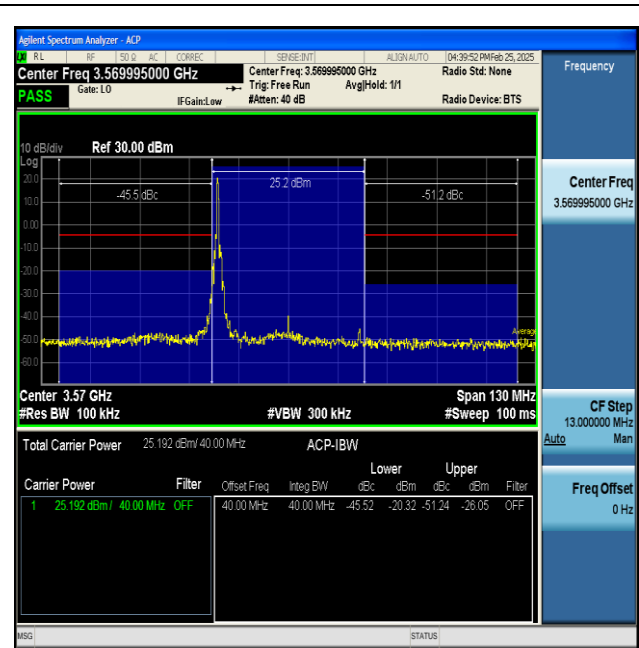


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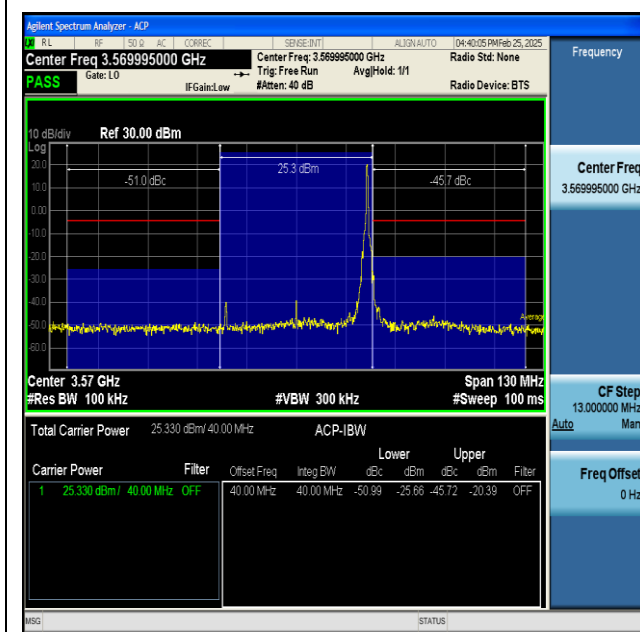
NTNV-n48-PC3-30-30-H-DFT-BPSK-Outer_Full-PASS



NTNV-n48-PC3-30-40-L-DFT-BPSK-Inner_1RB_Left-
PASS



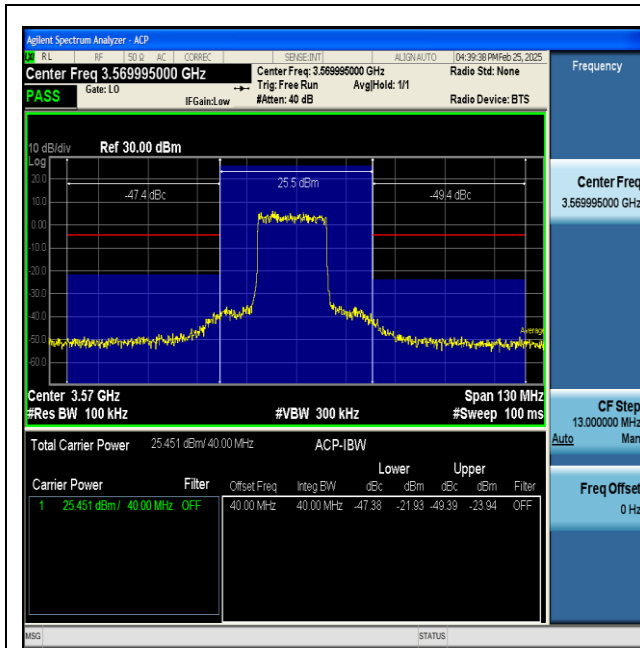
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PASS



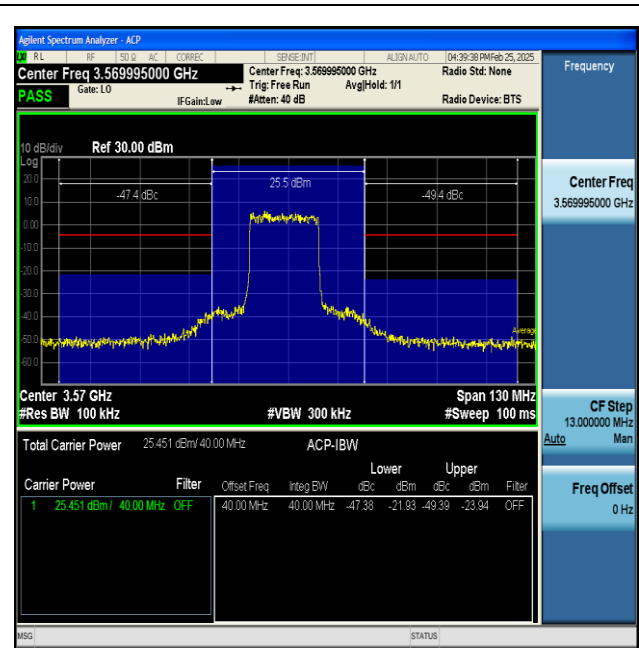
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PASS



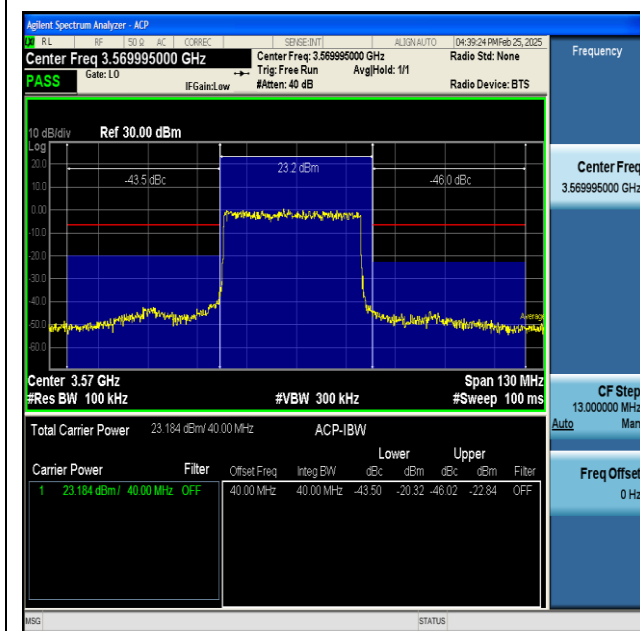
NTNV-n48-PC3-30-40-L-DFT-BPSK-Inner_1RB_Right-
PASS



NTNV-n48-PC3-30-40-L-DFT-BPSK-Inner_Full-PASS



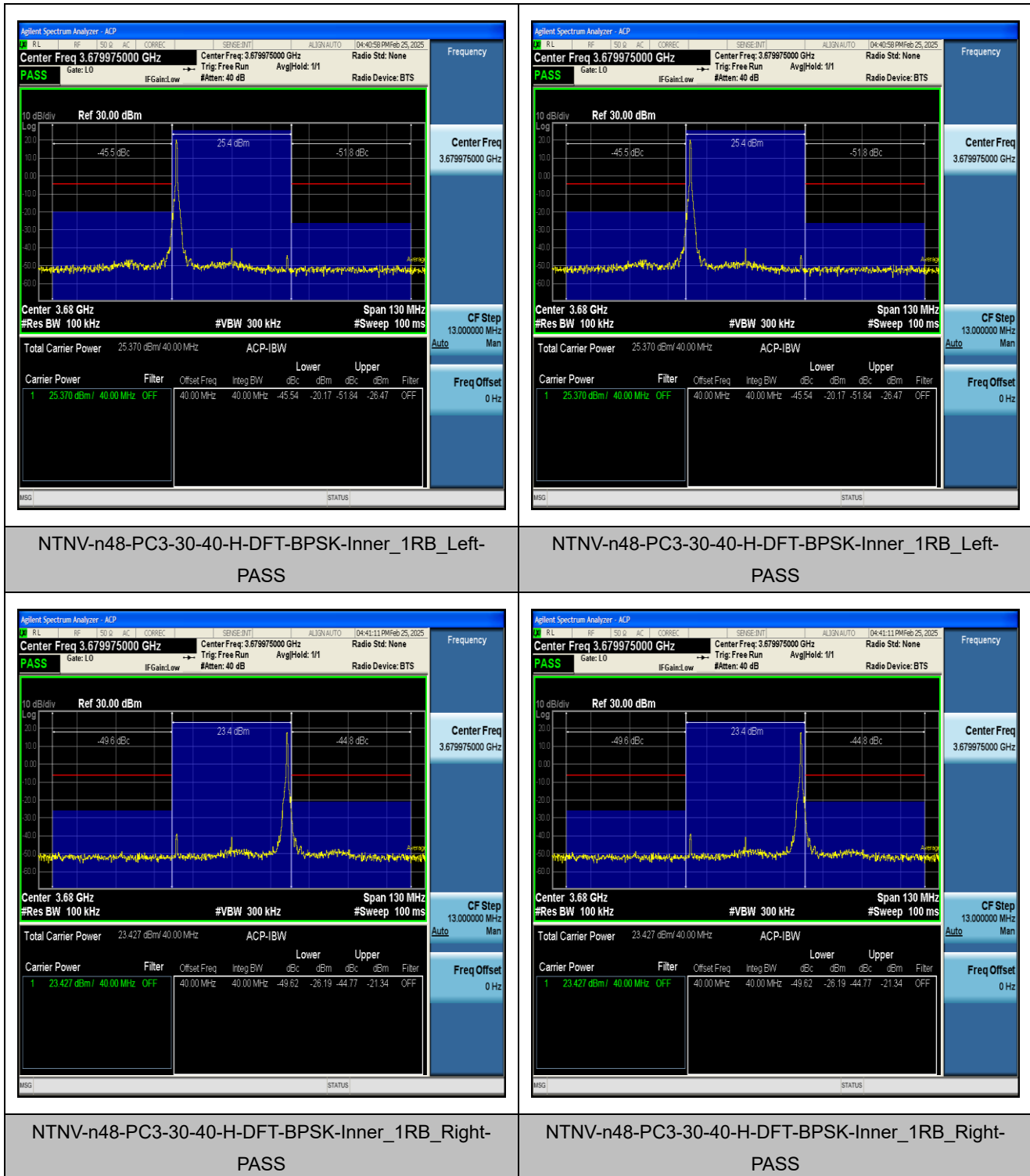
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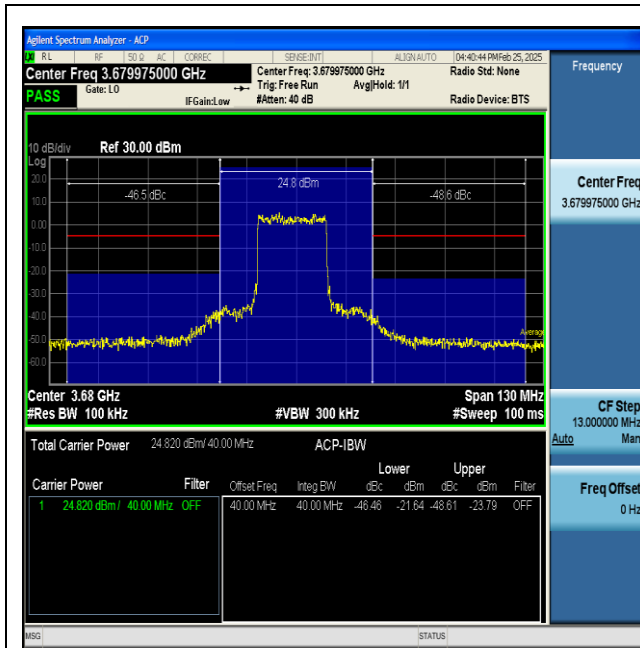


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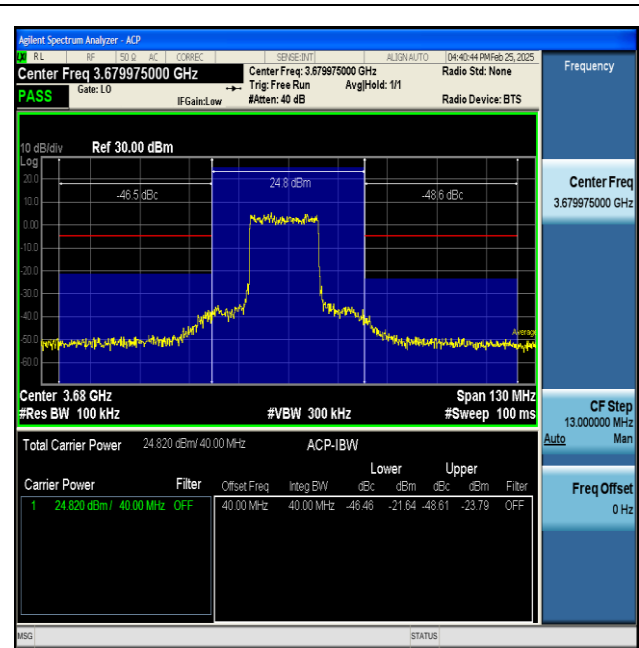


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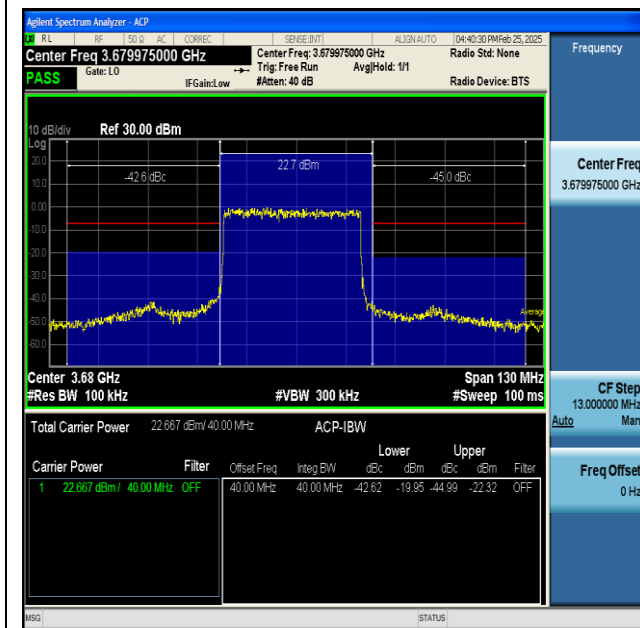




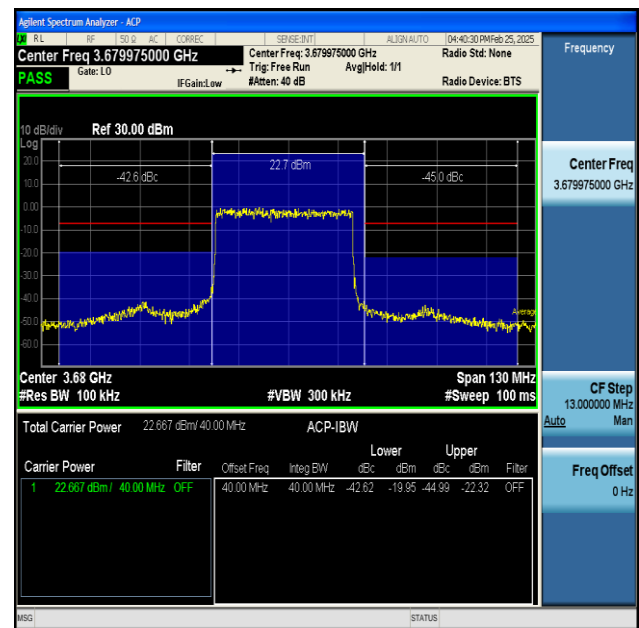
NTNV-n48-PC3-30-40-H-DFT-BPSK-Inner_Full-PASS



NTNV-n48-PC3-30-40-H-DFT-BPSK-Inner_Full-PASS



NTNV-n48-PC3-30-40-H-DFT-BPSK-Outer_Full-PASS



NTNV-n48-PC3-30-40-H-DFT-BPSK-Outer_Full-PASS

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

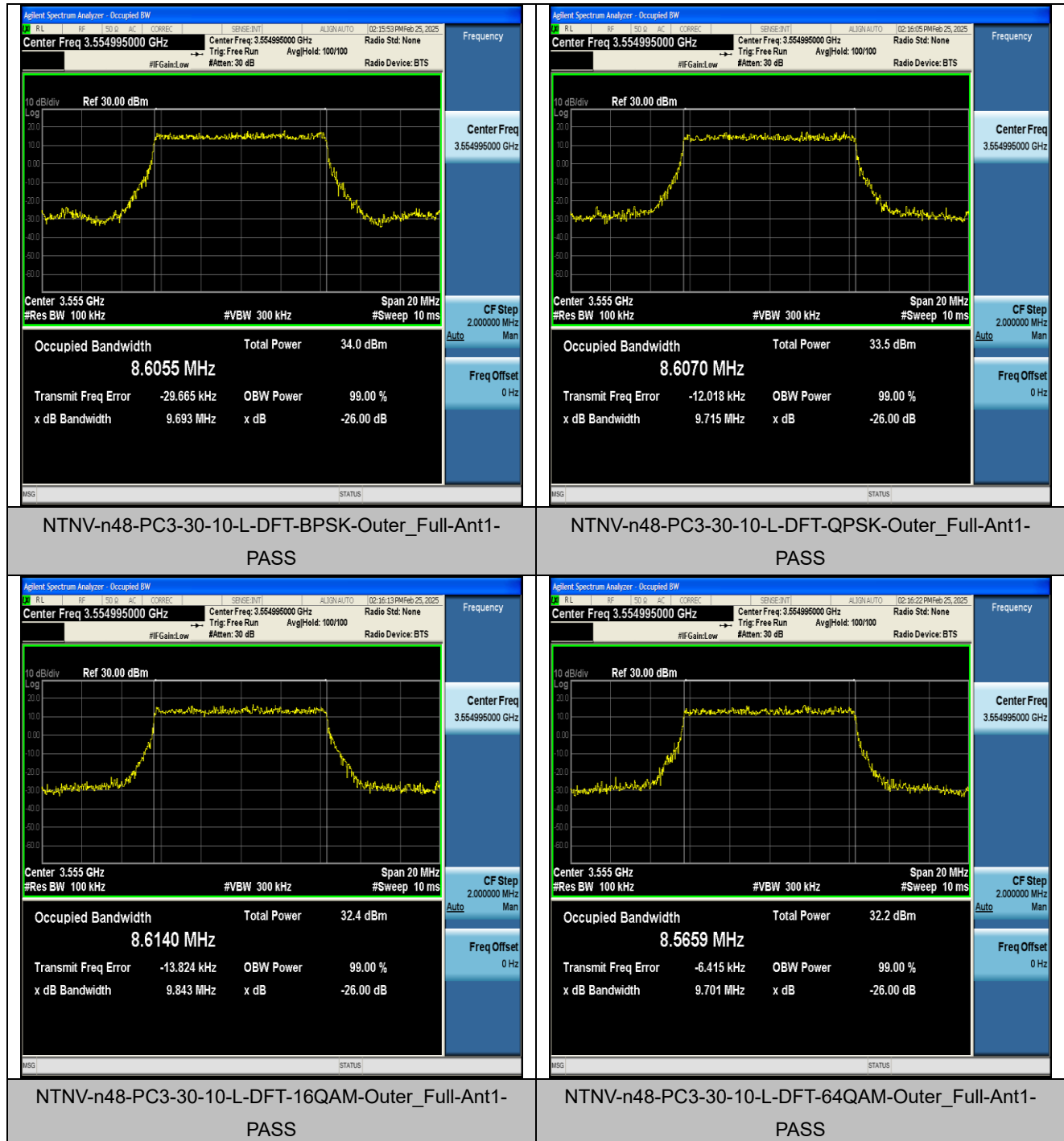
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n48	30	10	DFT-BPSK	L	Outer_Full	8.6055	9.693	PASS
n48	30	10	DFT-QPSK	L	Outer_Full	8.6070	9.715	PASS
n48	30	10	DFT-16QAM	L	Outer_Full	8.6140	9.843	PASS
n48	30	10	DFT-64QAM	L	Outer_Full	8.5659	9.701	PASS
n48	30	10	DFT-256QAM	L	Outer_Full	8.5767	9.529	PASS
n48	30	10	CP-QPSK	L	Outer_Full	8.6035	10.02	PASS
n48	30	10	CP-16QAM	L	Outer_Full	8.6013	9.857	PASS
n48	30	10	CP-64QAM	L	Outer_Full	8.6028	9.792	PASS
n48	30	10	CP-256QAM	L	Outer_Full	8.6099	9.768	PASS
n48	30	10	DFT-BPSK	M	Outer_Full	8.5770	9.597	PASS
n48	30	10	DFT-QPSK	M	Outer_Full	8.6074	9.857	PASS
n48	30	10	DFT-16QAM	M	Outer_Full	8.6072	9.856	PASS
n48	30	10	DFT-64QAM	M	Outer_Full	8.5871	9.743	PASS
n48	30	10	DFT-256QAM	M	Outer_Full	8.5711	9.554	PASS
n48	30	10	CP-QPSK	M	Outer_Full	8.5987	9.814	PASS
n48	30	10	CP-16QAM	M	Outer_Full	8.5982	9.806	PASS
n48	30	10	CP-64QAM	M	Outer_Full	8.6233	9.806	PASS
n48	30	10	CP-256QAM	M	Outer_Full	8.5926	9.638	PASS
n48	30	10	DFT-BPSK	H	Outer_Full	8.5988	9.738	PASS
n48	30	10	DFT-QPSK	H	Outer_Full	8.6023	9.722	PASS
n48	30	10	DFT-16QAM	H	Outer_Full	8.6294	9.795	PASS
n48	30	10	DFT-64QAM	H	Outer_Full	8.5519	9.764	PASS
n48	30	10	DFT-256QAM	H	Outer_Full	8.5750	9.584	PASS
n48	30	10	CP-QPSK	H	Outer_Full	8.5899	9.993	PASS
n48	30	10	CP-16QAM	H	Outer_Full	8.5885	9.726	PASS
n48	30	10	CP-64QAM	H	Outer_Full	8.6178	9.823	PASS
n48	30	10	CP-256QAM	H	Outer_Full	8.5698	9.715	PASS
n48	30	15	DFT-BPSK	L	Outer_Full	12.838	14.10	PASS
n48	30	15	DFT-QPSK	L	Outer_Full	12.884	14.06	PASS
n48	30	15	DFT-16QAM	L	Outer_Full	12.919	14.28	PASS
n48	30	15	DFT-64QAM	L	Outer_Full	12.855	14.32	PASS
n48	30	15	DFT-256QAM	L	Outer_Full	12.856	14.09	PASS
n48	30	15	CP-QPSK	L	Outer_Full	13.595	15.14	PASS
n48	30	15	CP-16QAM	L	Outer_Full	13.592	14.99	PASS
n48	30	15	CP-64QAM	L	Outer_Full	13.594	14.96	PASS
n48	30	15	CP-256QAM	L	Outer_Full	13.589	15.06	PASS
n48	30	15	DFT-BPSK	M	Outer_Full	12.862	14.19	PASS
n48	30	15	DFT-QPSK	M	Outer_Full	12.868	14.14	PASS
n48	30	15	DFT-16QAM	M	Outer_Full	12.907	14.20	PASS

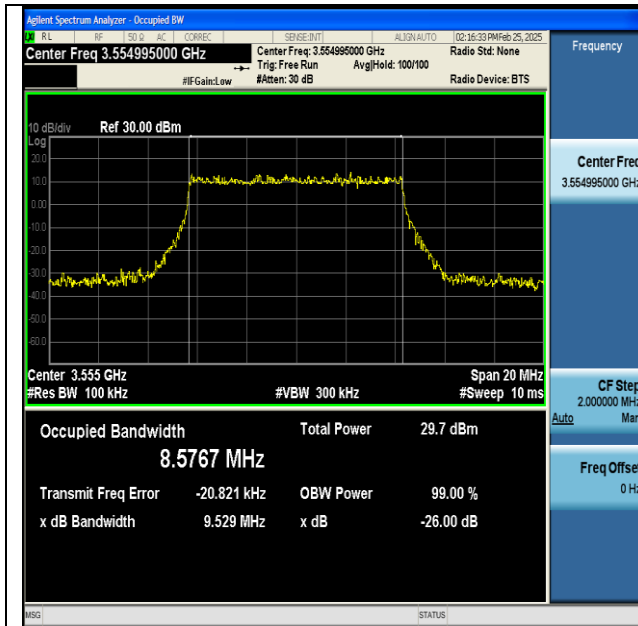
n48	30	15	DFT-64QAM	M	Outer_Full	12.854	14.24	PASS
n48	30	15	DFT-256QAM	M	Outer_Full	12.849	14.09	PASS
n48	30	15	CP-QPSK	M	Outer_Full	13.589	15.16	PASS
n48	30	15	CP-16QAM	M	Outer_Full	13.566	15.05	PASS
n48	30	15	CP-64QAM	M	Outer_Full	13.592	14.87	PASS
n48	30	15	CP-256QAM	M	Outer_Full	13.572	14.96	PASS
n48	30	15	DFT-BPSK	H	Outer_Full	12.844	14.14	PASS
n48	30	15	DFT-QPSK	H	Outer_Full	12.867	14.26	PASS
n48	30	15	DFT-16QAM	H	Outer_Full	12.890	14.08	PASS
n48	30	15	DFT-64QAM	H	Outer_Full	12.841	13.90	PASS
n48	30	15	DFT-256QAM	H	Outer_Full	12.856	13.90	PASS
n48	30	15	CP-QPSK	H	Outer_Full	13.594	14.87	PASS
n48	30	15	CP-16QAM	H	Outer_Full	13.580	14.78	PASS
n48	30	15	CP-64QAM	H	Outer_Full	13.578	15.09	PASS
n48	30	15	CP-256QAM	H	Outer_Full	13.545	14.54	PASS
n48	30	20	DFT-BPSK	L	Outer_Full	17.801	18.95	PASS
n48	30	20	DFT-QPSK	L	Outer_Full	17.825	19.50	PASS
n48	30	20	DFT-16QAM	L	Outer_Full	17.852	19.22	PASS
n48	30	20	DFT-64QAM	L	Outer_Full	17.844	19.10	PASS
n48	30	20	DFT-256QAM	L	Outer_Full	17.799	19.16	PASS
n48	30	20	CP-QPSK	L	Outer_Full	18.223	19.66	PASS
n48	30	20	CP-16QAM	L	Outer_Full	18.229	19.83	PASS
n48	30	20	CP-64QAM	L	Outer_Full	18.202	19.48	PASS
n48	30	20	CP-256QAM	L	Outer_Full	18.227	19.73	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	17.814	19.15	PASS
n48	30	20	DFT-QPSK	M	Outer_Full	17.837	19.43	PASS
n48	30	20	DFT-16QAM	M	Outer_Full	17.856	19.43	PASS
n48	30	20	DFT-64QAM	M	Outer_Full	17.842	19.17	PASS
n48	30	20	DFT-256QAM	M	Outer_Full	17.822	19.34	PASS
n48	30	20	CP-QPSK	M	Outer_Full	18.235	19.87	PASS
n48	30	20	CP-16QAM	M	Outer_Full	18.192	19.27	PASS
n48	30	20	CP-64QAM	M	Outer_Full	18.196	19.64	PASS
n48	30	20	CP-256QAM	M	Outer_Full	18.214	19.65	PASS
n48	30	20	DFT-BPSK	H	Outer_Full	17.812	19.39	PASS
n48	30	20	DFT-QPSK	H	Outer_Full	17.795	19.22	PASS
n48	30	20	DFT-16QAM	H	Outer_Full	17.846	19.18	PASS
n48	30	20	DFT-64QAM	H	Outer_Full	17.831	19.30	PASS
n48	30	20	DFT-256QAM	H	Outer_Full	17.776	19.26	PASS
n48	30	20	CP-QPSK	H	Outer_Full	18.194	19.81	PASS
n48	30	20	CP-16QAM	H	Outer_Full	18.214	19.63	PASS
n48	30	20	CP-64QAM	H	Outer_Full	18.180	19.42	PASS
n48	30	20	CP-256QAM	H	Outer_Full	18.200	19.91	PASS
n48	30	30	DFT-BPSK	L	Outer_Full	26.842	28.47	PASS
n48	30	30	DFT-QPSK	L	Outer_Full	26.829	28.66	PASS
n48	30	30	DFT-16QAM	L	Outer_Full	26.809	28.35	PASS

n48	30	30	DFT-64QAM	L	Outer_Full	26.816	28.41	PASS
n48	30	30	DFT-256QAM	L	Outer_Full	26.854	28.37	PASS
n48	30	30	CP-QPSK	L	Outer_Full	27.832	29.56	PASS
n48	30	30	CP-16QAM	L	Outer_Full	27.892	29.41	PASS
n48	30	30	CP-64QAM	L	Outer_Full	27.803	29.40	PASS
n48	30	30	CP-256QAM	L	Outer_Full	27.854	29.56	PASS
n48	30	30	DFT-BPSK	M	Outer_Full	26.828	28.76	PASS
n48	30	30	DFT-QPSK	M	Outer_Full	26.799	28.30	PASS
n48	30	30	DFT-16QAM	M	Outer_Full	26.779	28.20	PASS
n48	30	30	DFT-64QAM	M	Outer_Full	26.799	28.45	PASS
n48	30	30	DFT-256QAM	M	Outer_Full	26.829	28.61	PASS
n48	30	30	CP-QPSK	M	Outer_Full	27.836	29.50	PASS
n48	30	30	CP-16QAM	M	Outer_Full	27.900	29.48	PASS
n48	30	30	CP-64QAM	M	Outer_Full	27.797	29.67	PASS
n48	30	30	CP-256QAM	M	Outer_Full	27.829	29.51	PASS
n48	30	30	DFT-BPSK	H	Outer_Full	26.809	28.59	PASS
n48	30	30	DFT-QPSK	H	Outer_Full	26.834	28.63	PASS
n48	30	30	DFT-16QAM	H	Outer_Full	26.788	28.36	PASS
n48	30	30	DFT-64QAM	H	Outer_Full	26.810	28.40	PASS
n48	30	30	DFT-256QAM	H	Outer_Full	26.818	28.36	PASS
n48	30	30	CP-QPSK	H	Outer_Full	27.852	29.84	PASS
n48	30	30	CP-16QAM	H	Outer_Full	27.901	29.68	PASS
n48	30	30	CP-64QAM	H	Outer_Full	27.784	29.46	PASS
n48	30	30	CP-256QAM	H	Outer_Full	27.832	29.62	PASS
n48	30	40	DFT-BPSK	L	Outer_Full	35.716	37.65	PASS
n48	30	40	DFT-QPSK	L	Outer_Full	35.754	37.53	PASS
n48	30	40	DFT-16QAM	L	Outer_Full	35.716	37.63	PASS
n48	30	40	DFT-64QAM	L	Outer_Full	35.739	37.55	PASS
n48	30	40	DFT-256QAM	L	Outer_Full	35.702	37.39	PASS
n48	30	40	CP-QPSK	L	Outer_Full	37.837	39.78	PASS
n48	30	40	CP-16QAM	L	Outer_Full	37.830	39.99	PASS
n48	30	40	CP-64QAM	L	Outer_Full	37.835	39.84	PASS
n48	30	40	CP-256QAM	L	Outer_Full	37.841	39.62	PASS
n48	30	40	DFT-BPSK	M	Outer_Full	35.815	37.79	PASS
n48	30	40	DFT-QPSK	M	Outer_Full	35.736	37.54	PASS
n48	30	40	DFT-16QAM	M	Outer_Full	35.811	37.61	PASS
n48	30	40	DFT-64QAM	M	Outer_Full	35.747	37.74	PASS
n48	30	40	DFT-256QAM	M	Outer_Full	35.708	37.43	PASS
n48	30	40	CP-QPSK	M	Outer_Full	37.859	40.01	PASS
n48	30	40	CP-16QAM	M	Outer_Full	37.803	39.98	PASS
n48	30	40	CP-64QAM	M	Outer_Full	37.795	39.85	PASS
n48	30	40	CP-256QAM	M	Outer_Full	37.870	39.90	PASS
n48	30	40	DFT-BPSK	H	Outer_Full	35.754	37.52	PASS
n48	30	40	DFT-QPSK	H	Outer_Full	35.730	37.53	PASS
n48	30	40	DFT-16QAM	H	Outer_Full	35.721	37.56	PASS

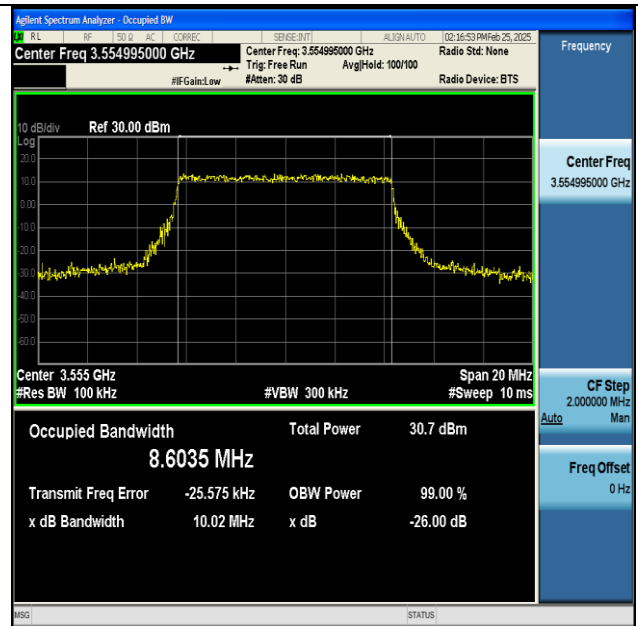
n48	30	40	DFT-64QAM	H	Outer_Full	35.743	37.56	PASS
n48	30	40	DFT-256QAM	H	Outer_Full	35.733	37.51	PASS
n48	30	40	CP-QPSK	H	Outer_Full	37.833	39.84	PASS
n48	30	40	CP-16QAM	H	Outer_Full	37.881	39.78	PASS
n48	30	40	CP-64QAM	H	Outer_Full	37.758	39.54	PASS
n48	30	40	CP-256QAM	H	Outer_Full	37.978	39.89	PASS

Test Graphs

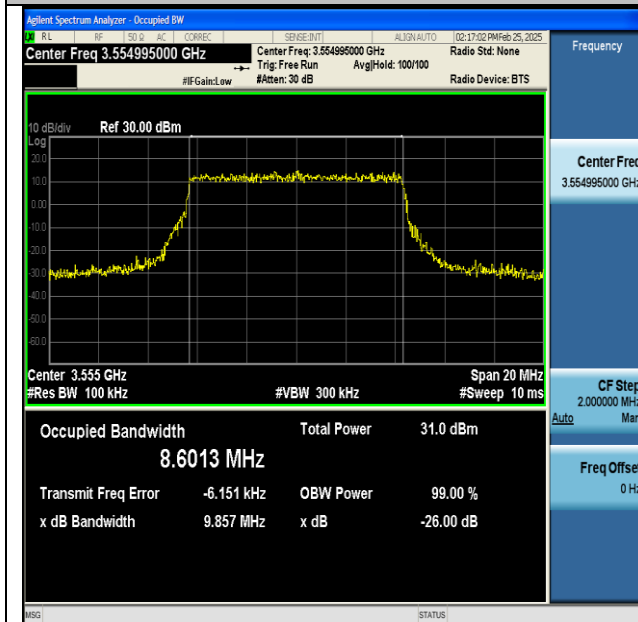




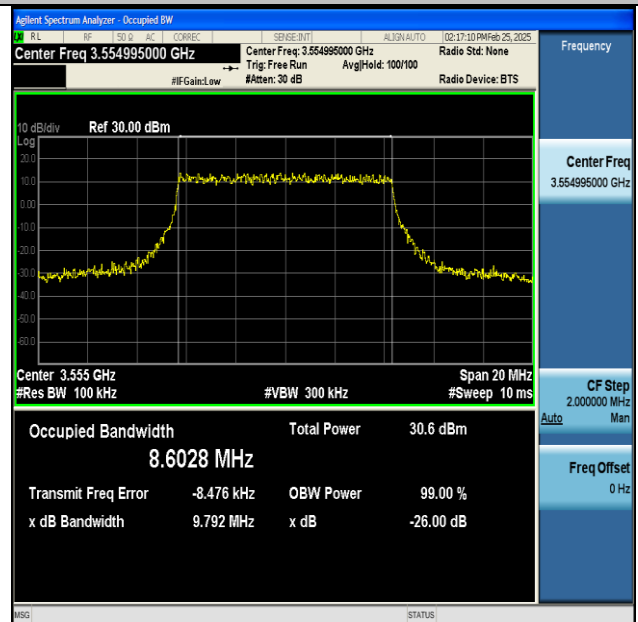
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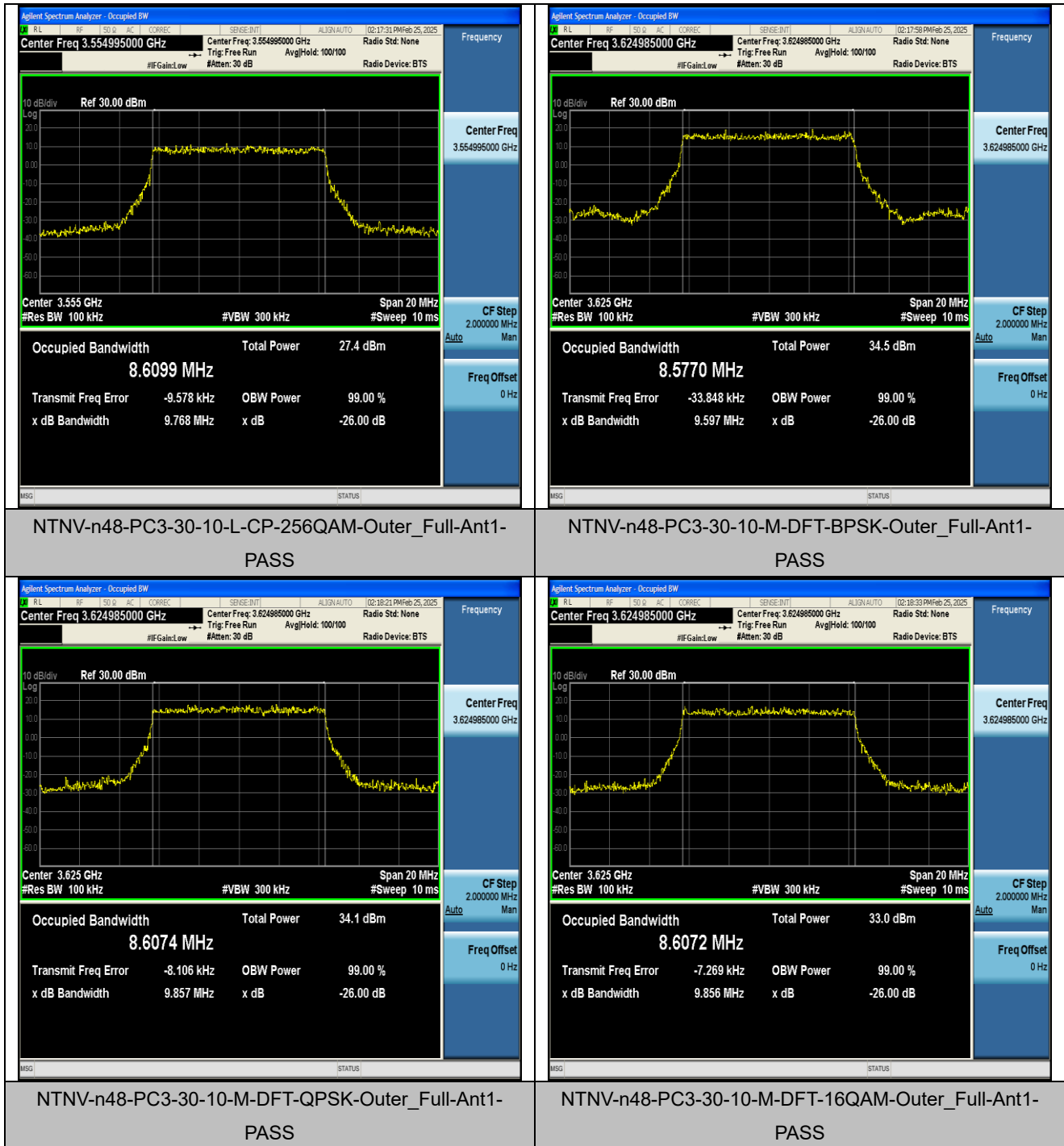
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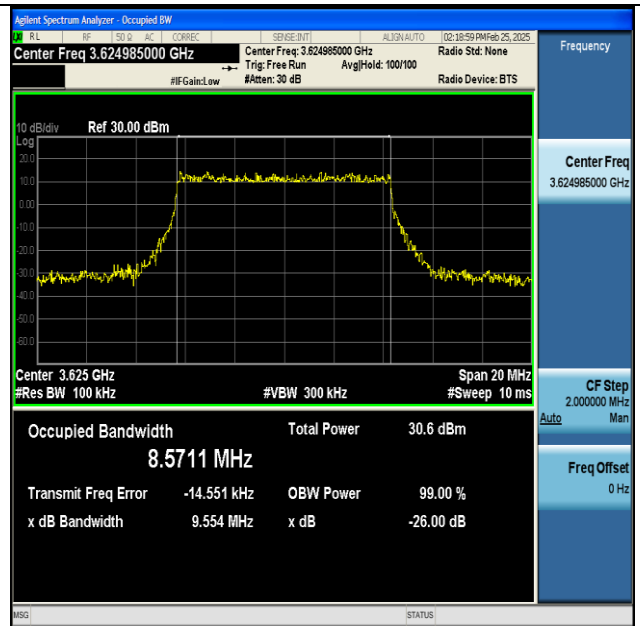


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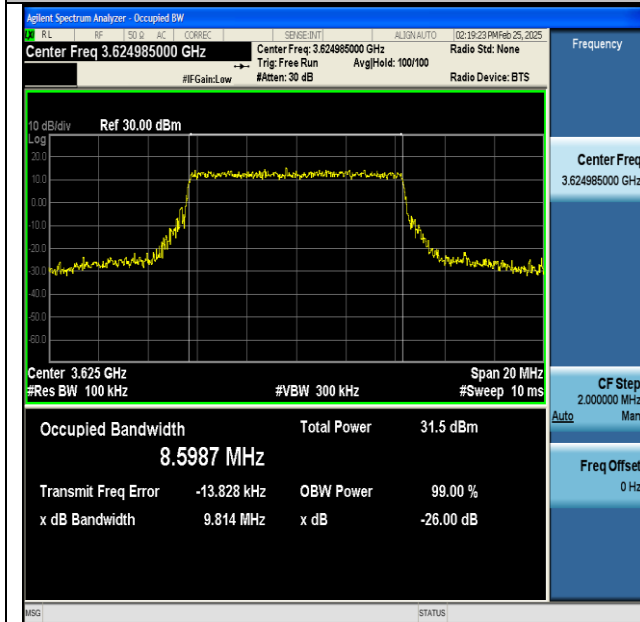




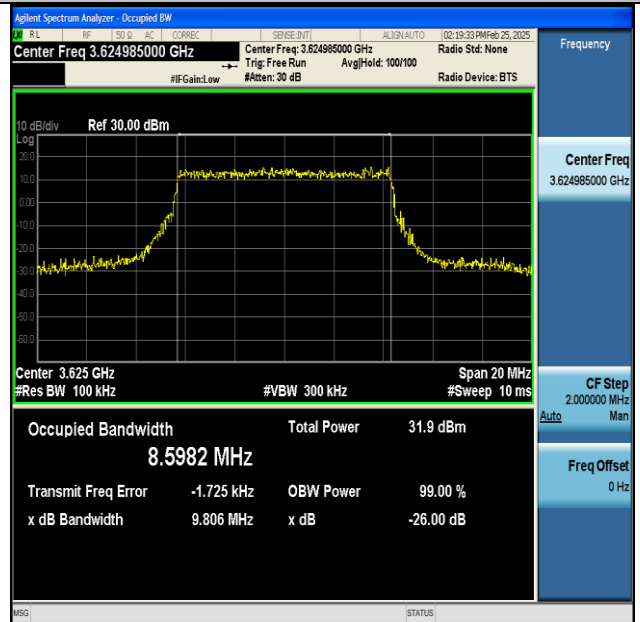
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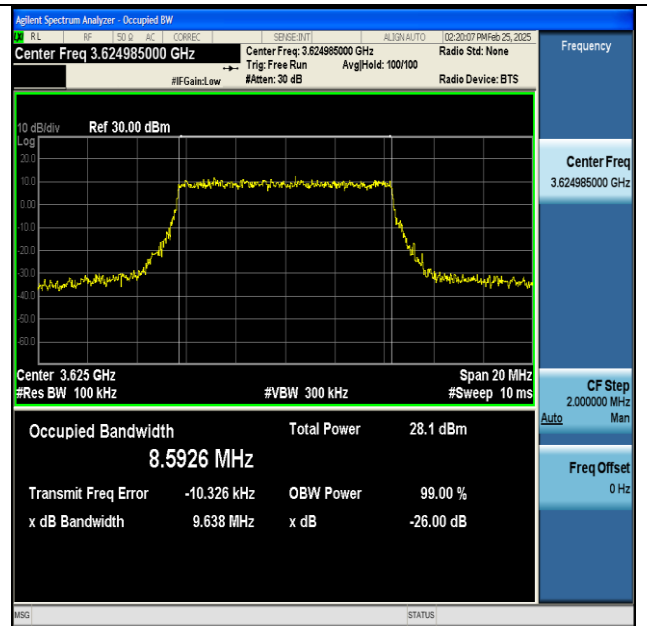
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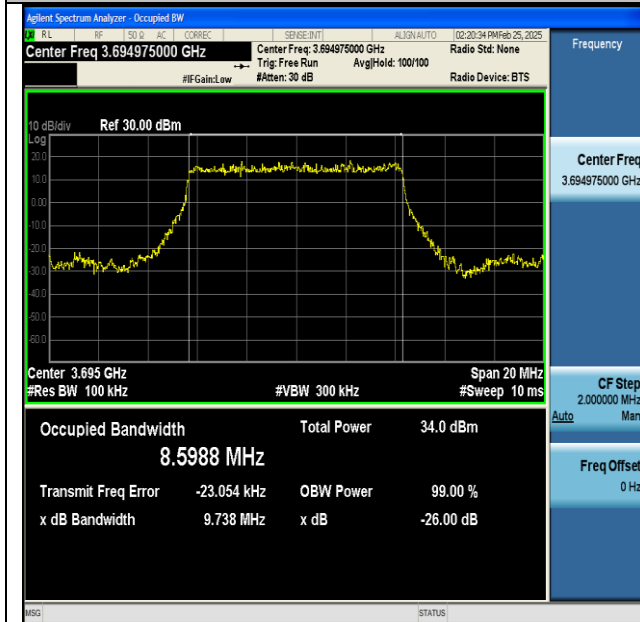
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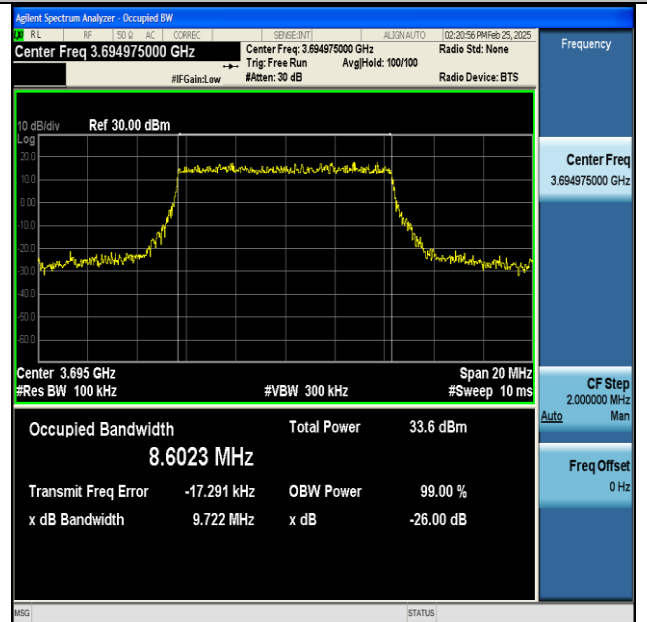
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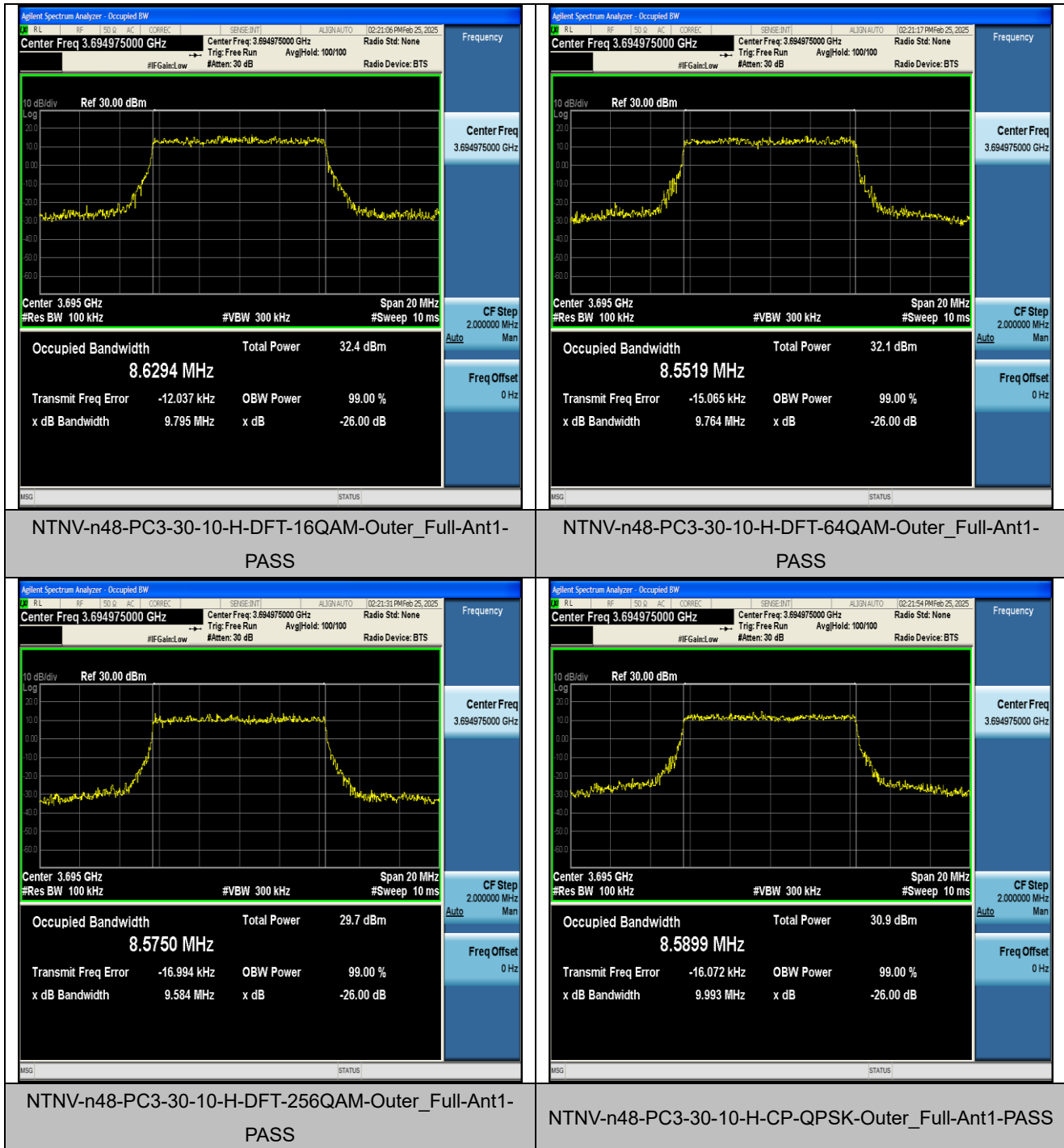
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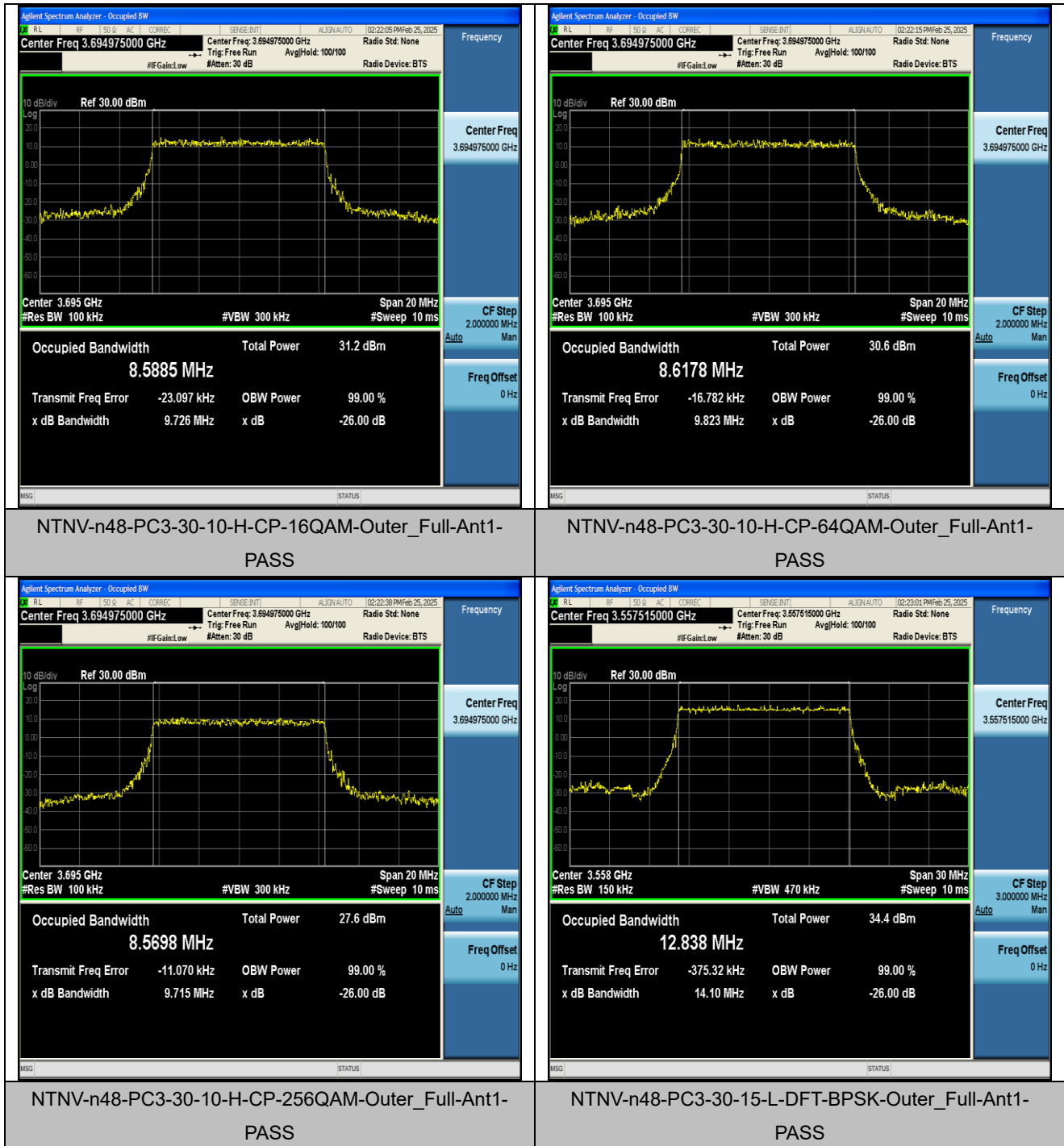


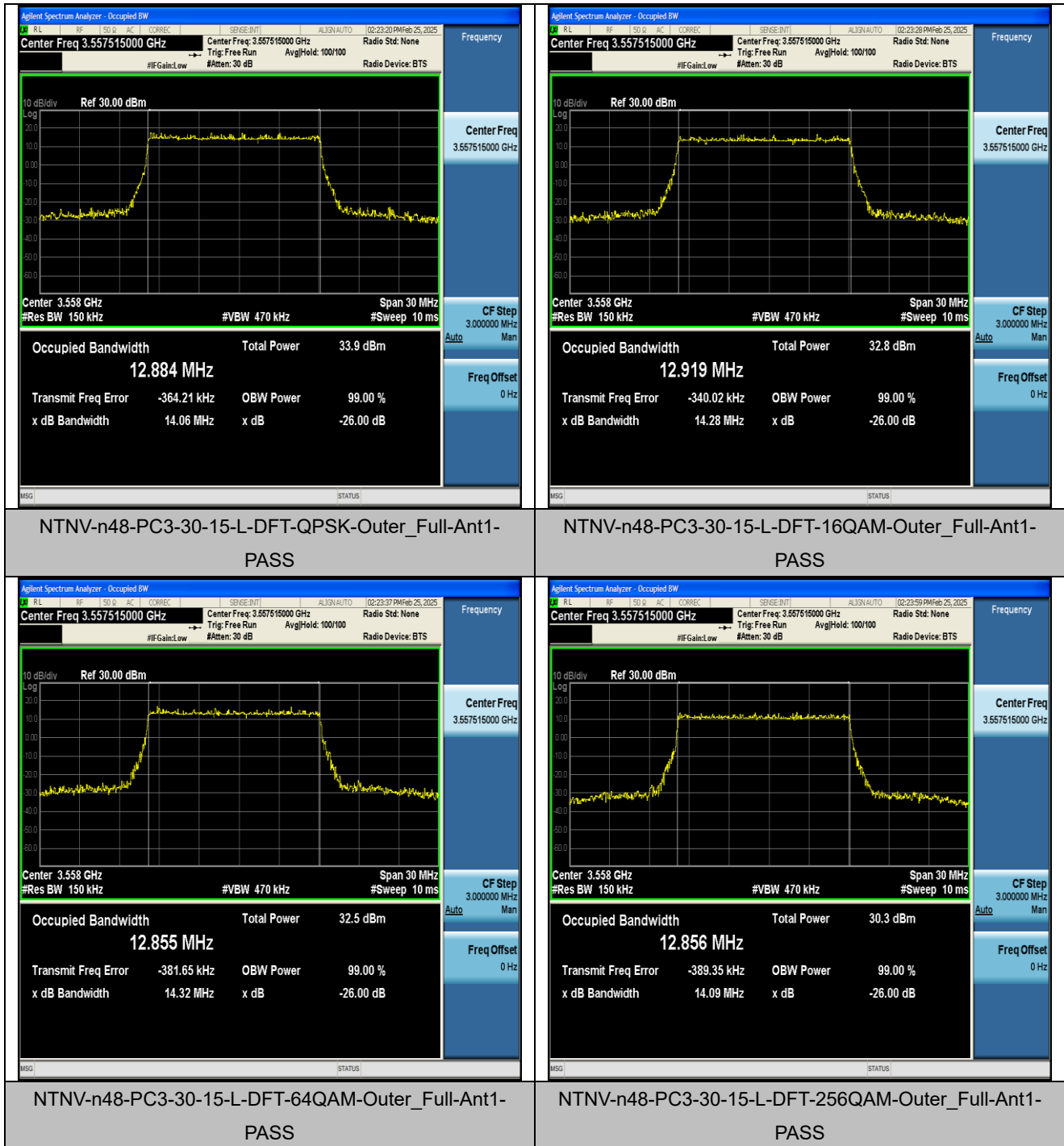
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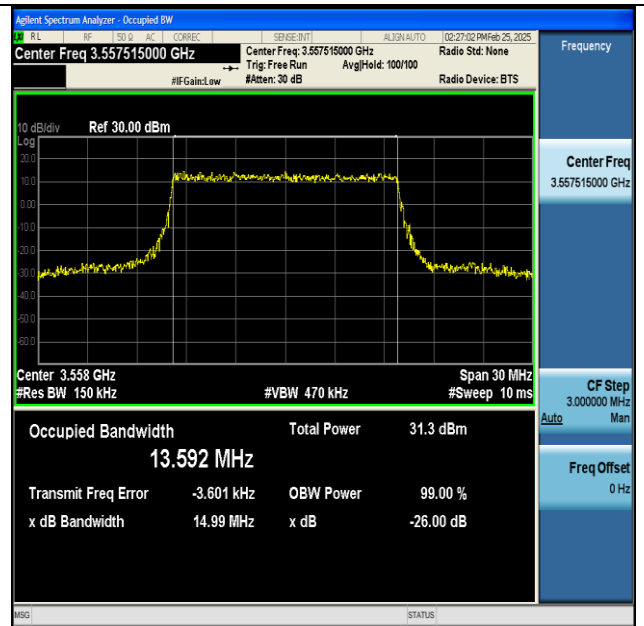








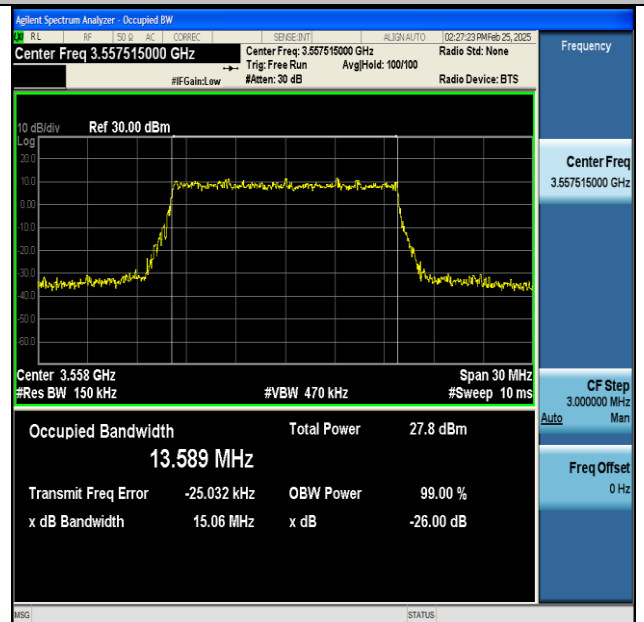
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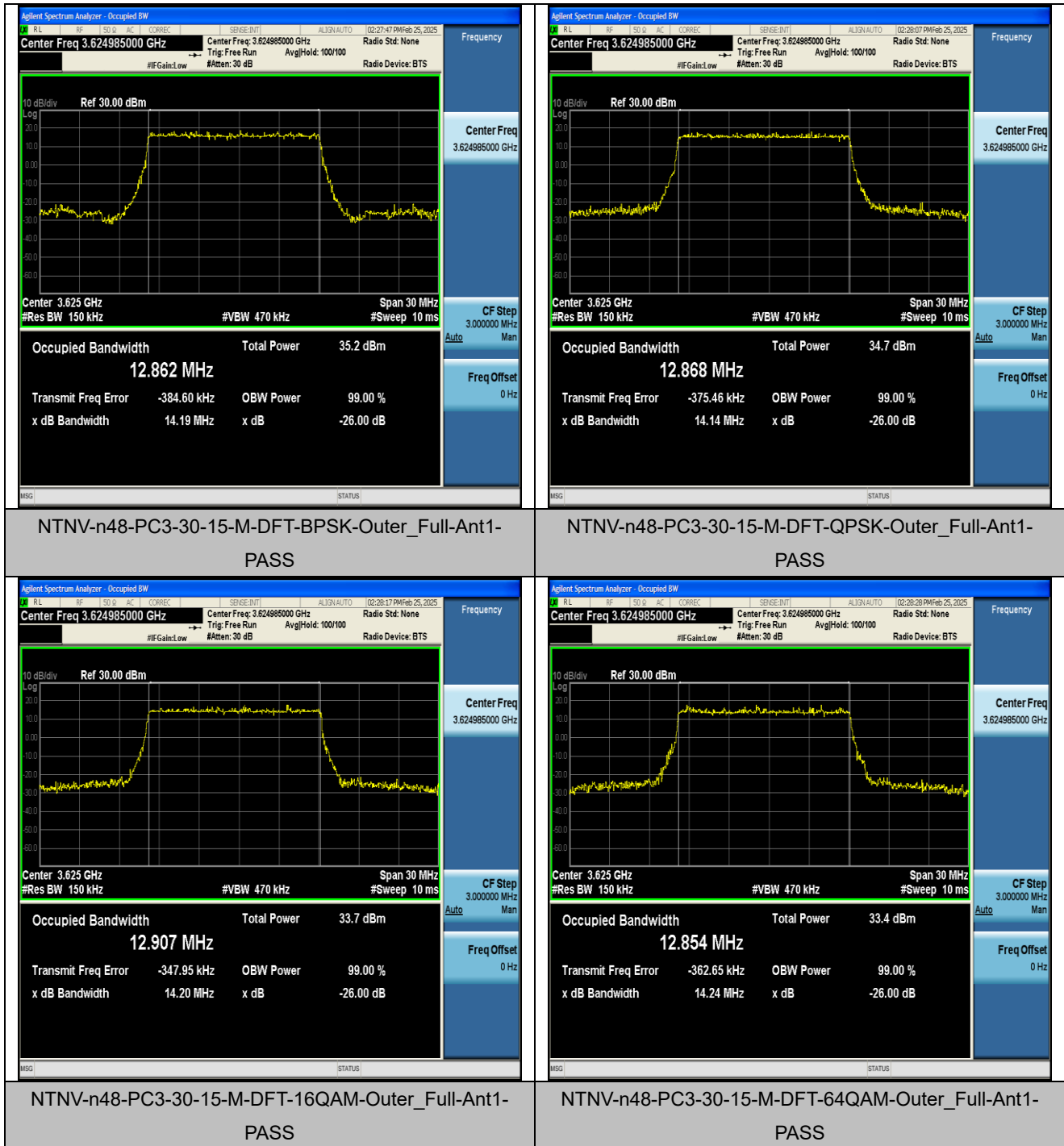
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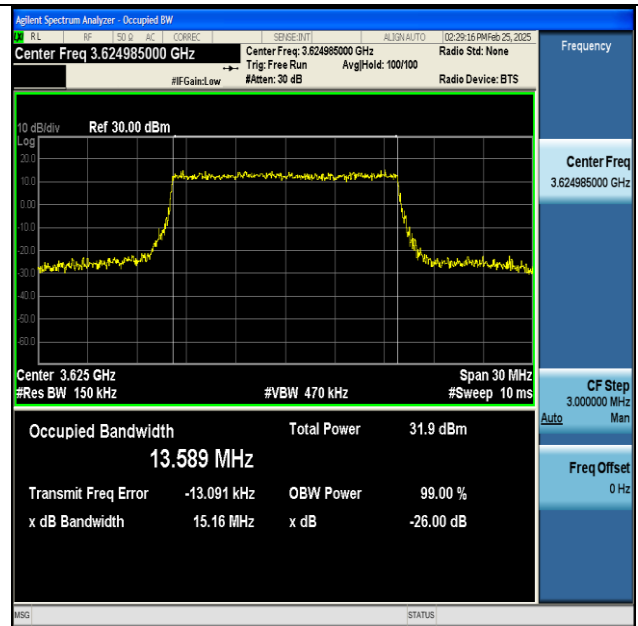


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NTNV-n48-PC3-30-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



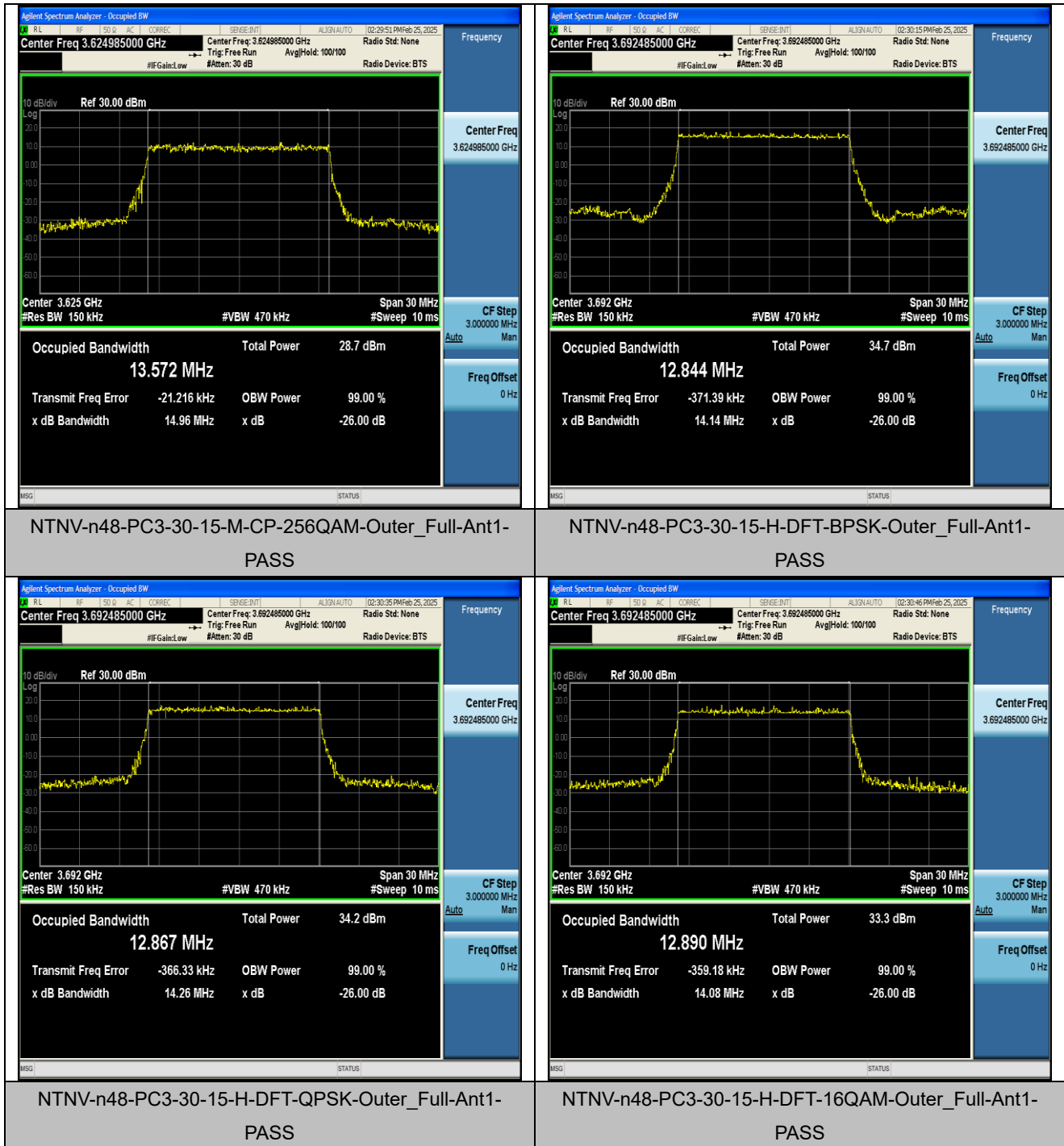
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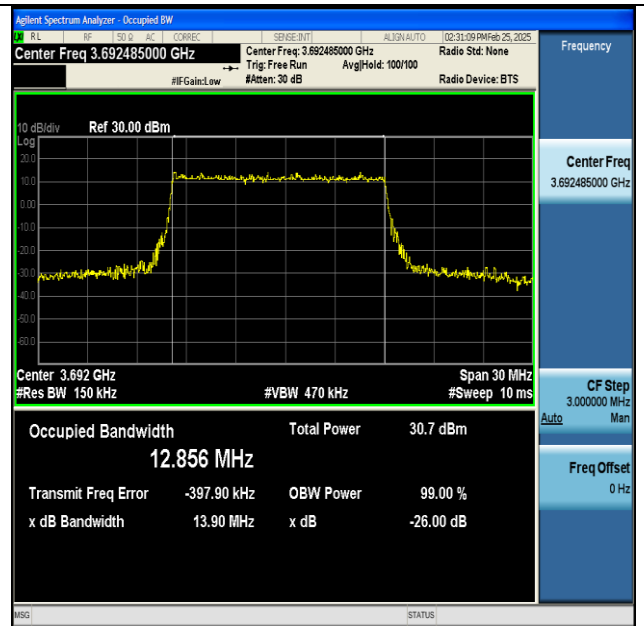


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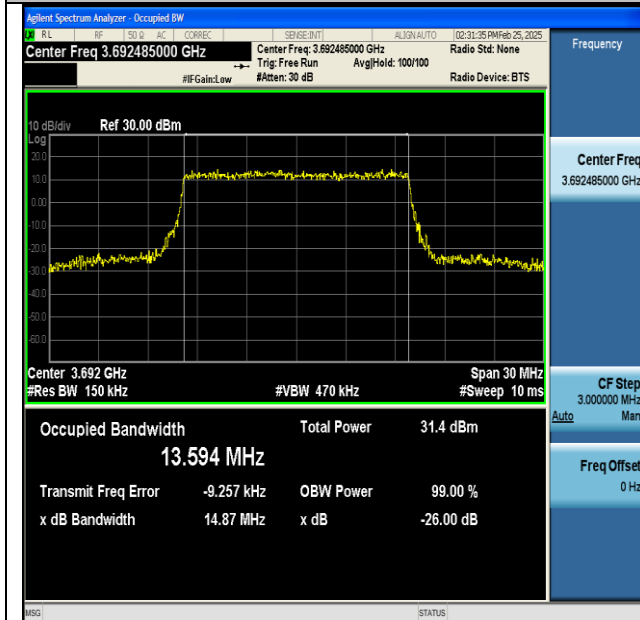




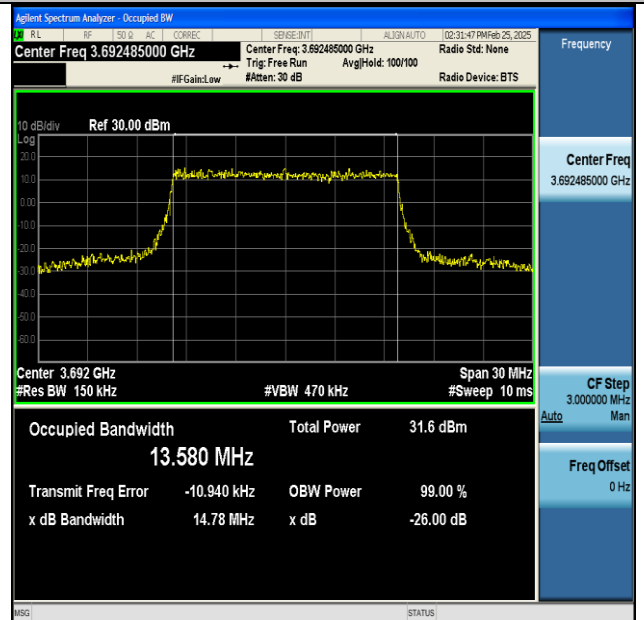
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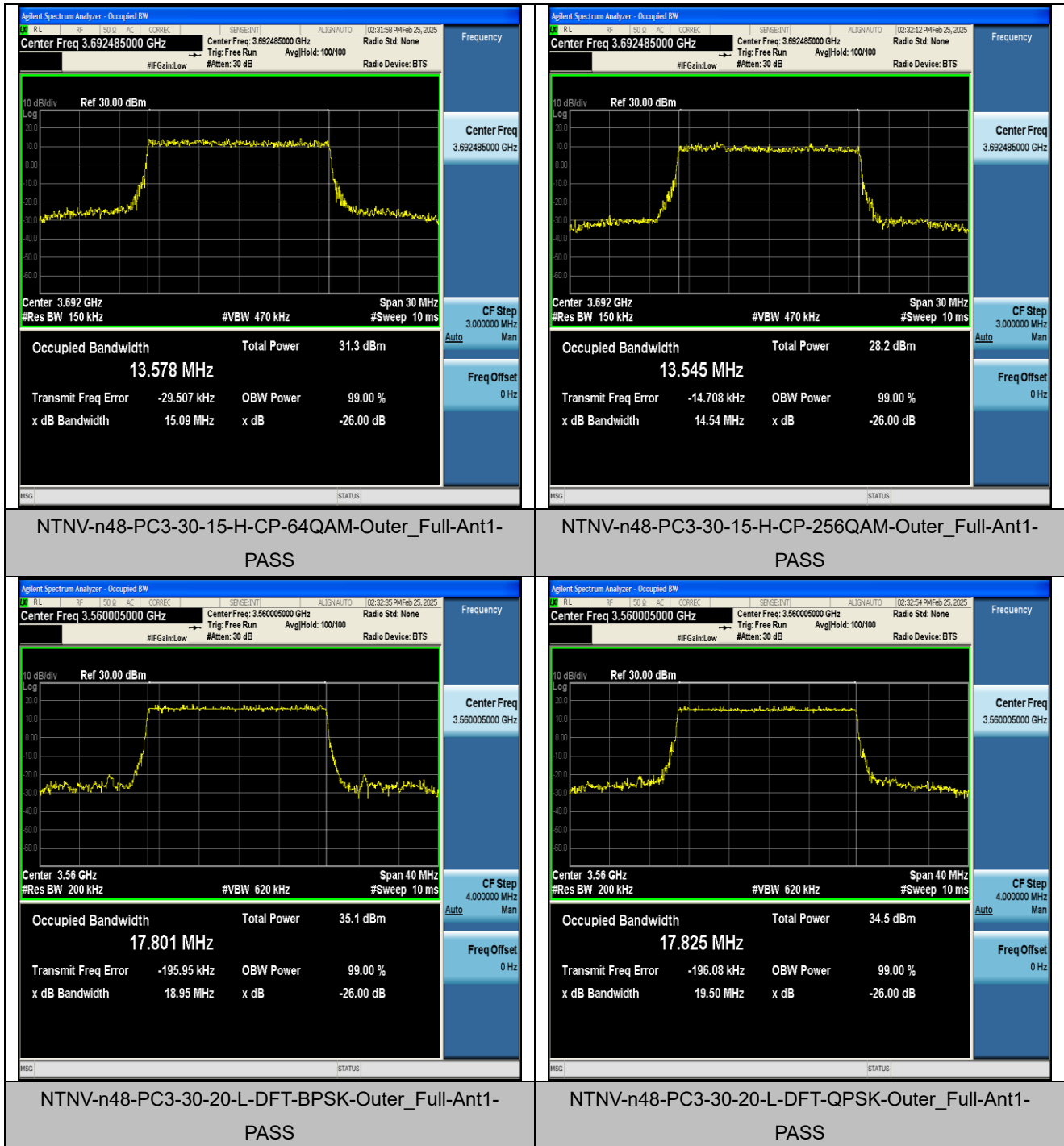
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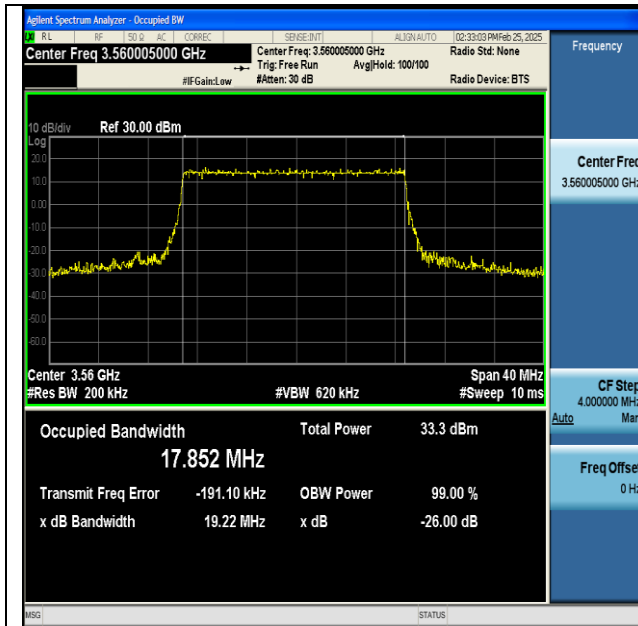


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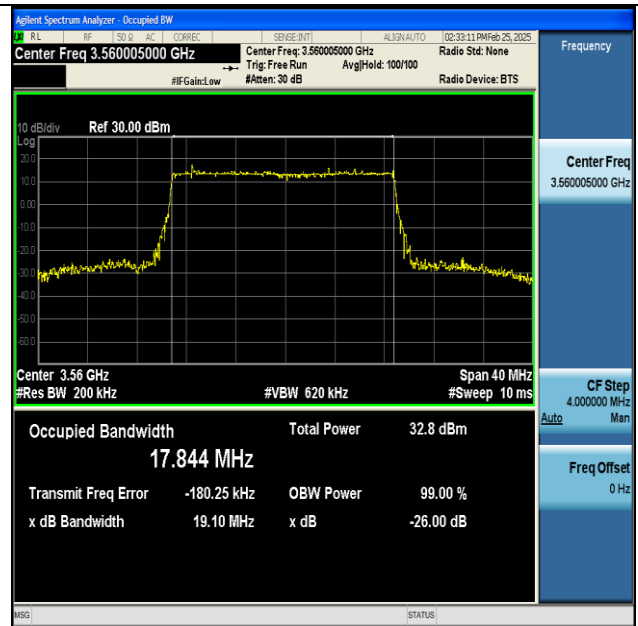


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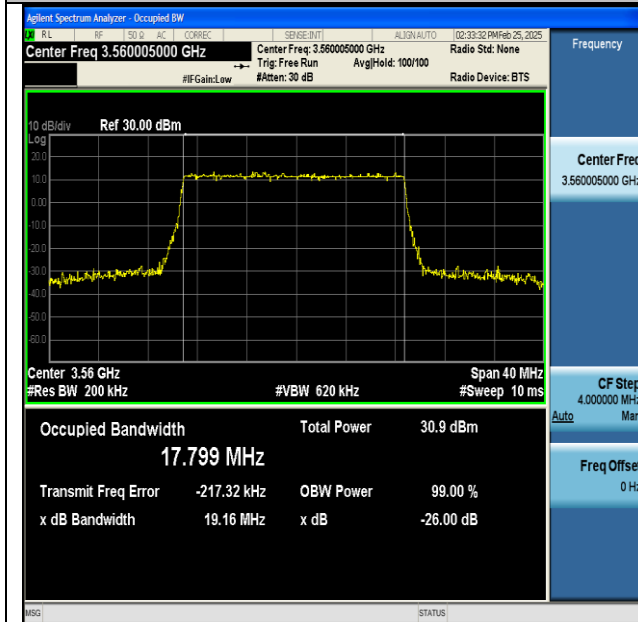




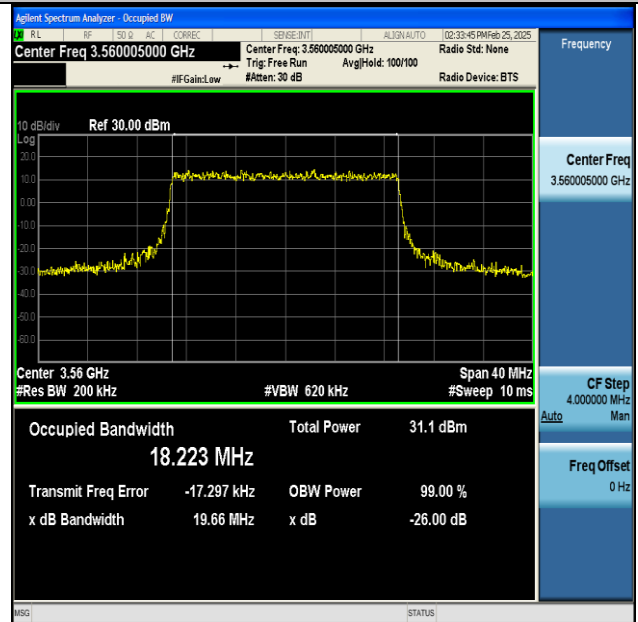
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NTNV-n48-PC3-30-20-L-DFT-64QAM-Outer_Full-Ant1-
PASS



NTNV-n48-PC3-30-20-L-DFT-256QAM-Outer_Full-Ant1-
PASS



NTNV-n48-PC3-30-20-L-CP-QPSK-Outer_Full-Ant1-PASS