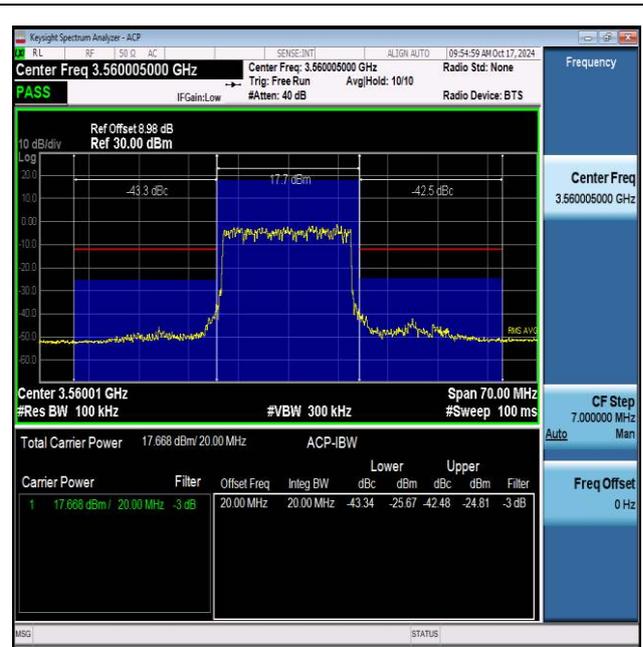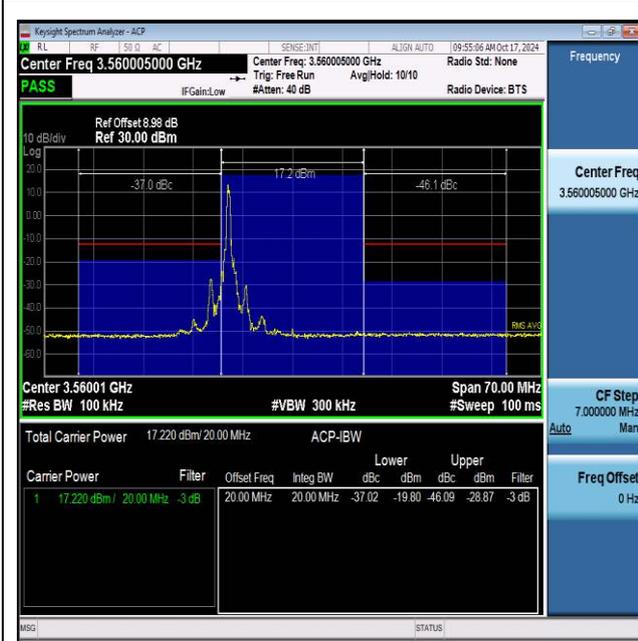|	
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NTNV_N48_PC3_30_20_H_TID1_#1_-20_20

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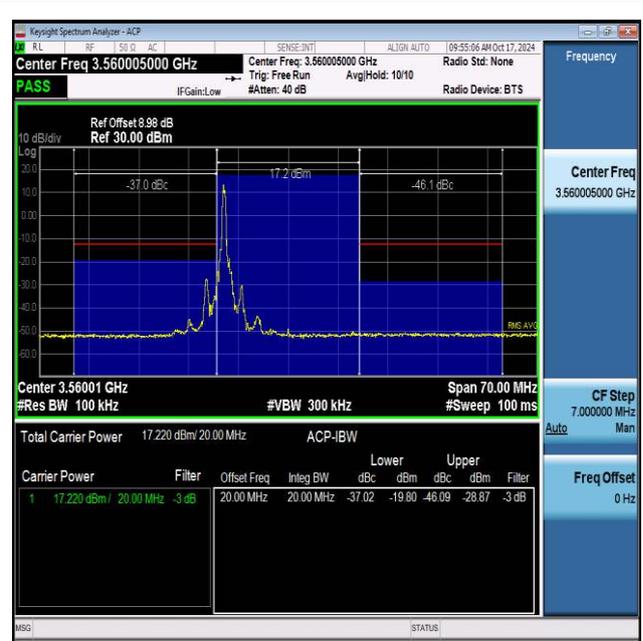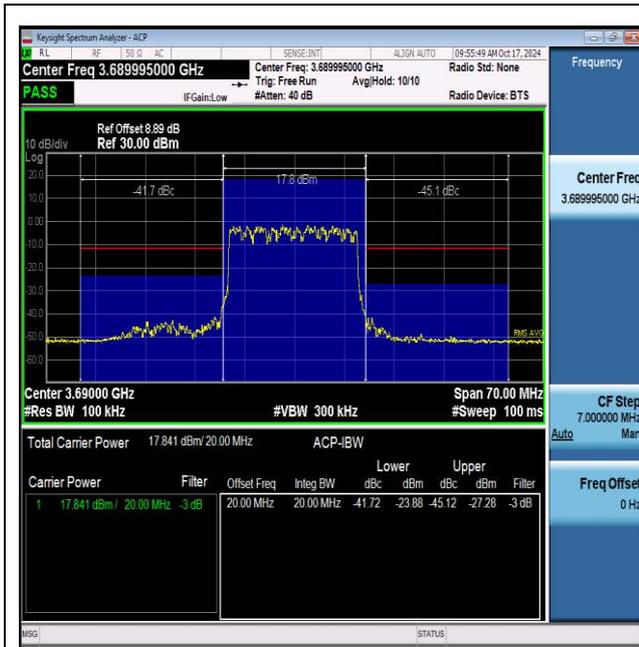| |
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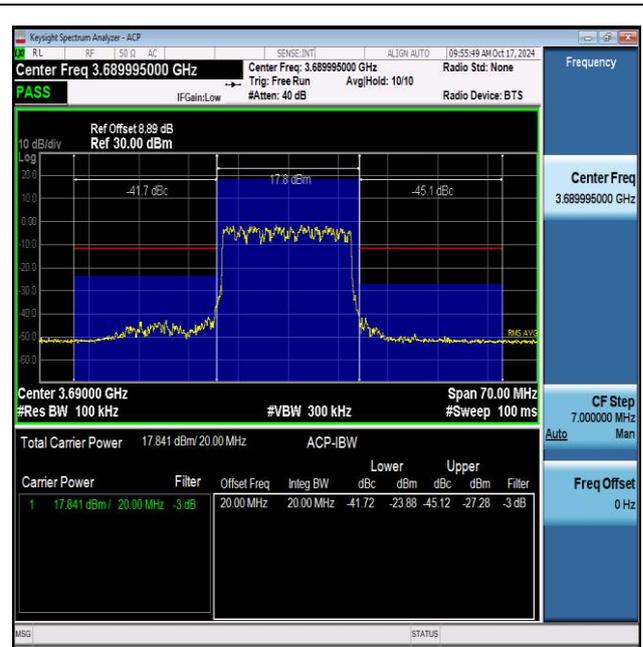NTNV_N48_PC3_30_30_L_TID1_#1_+30_30

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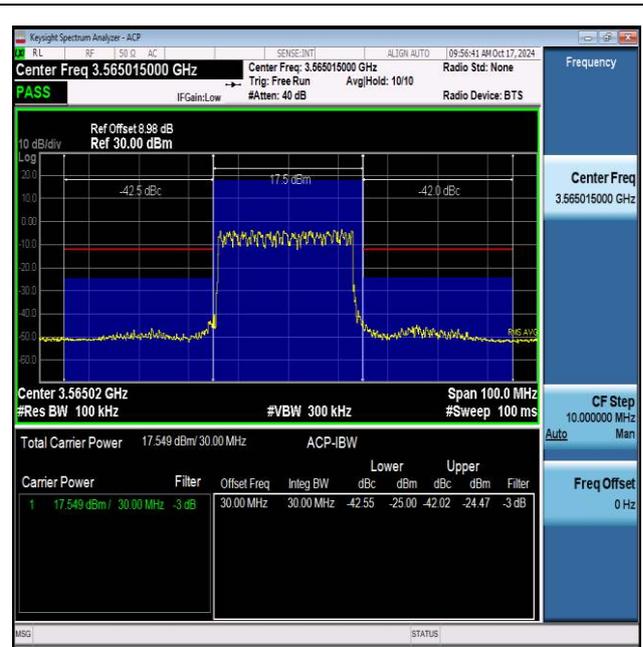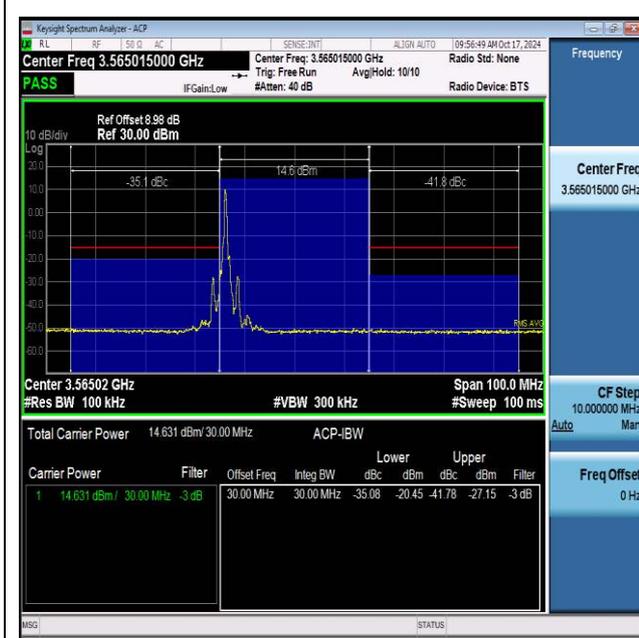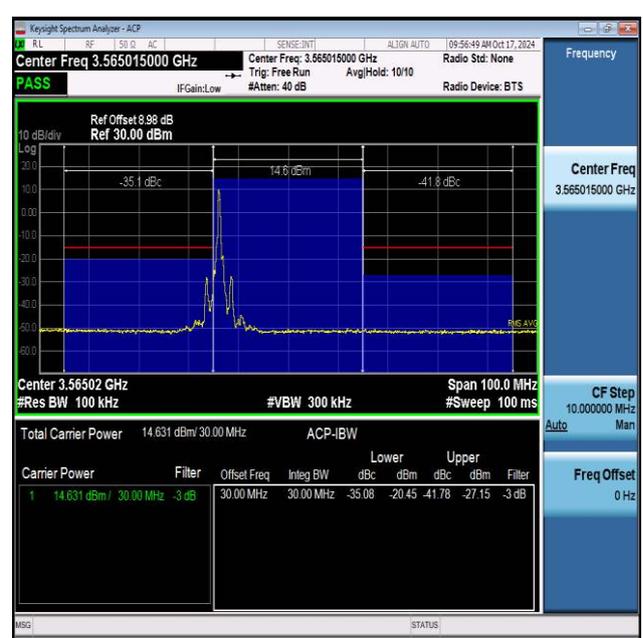

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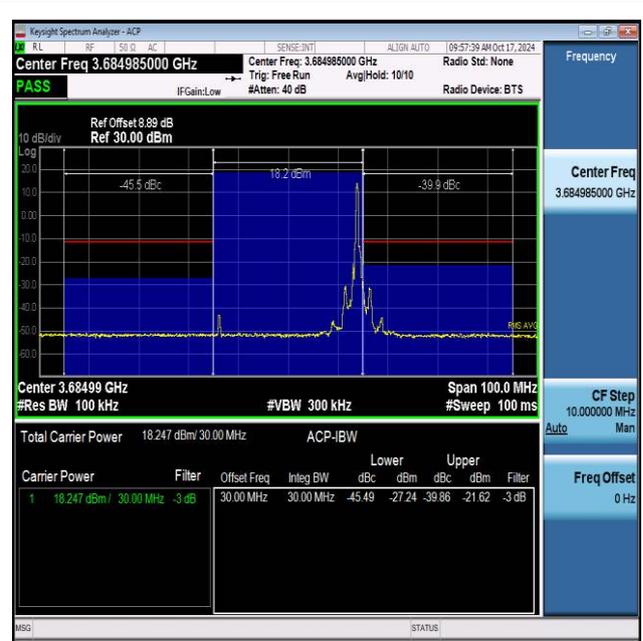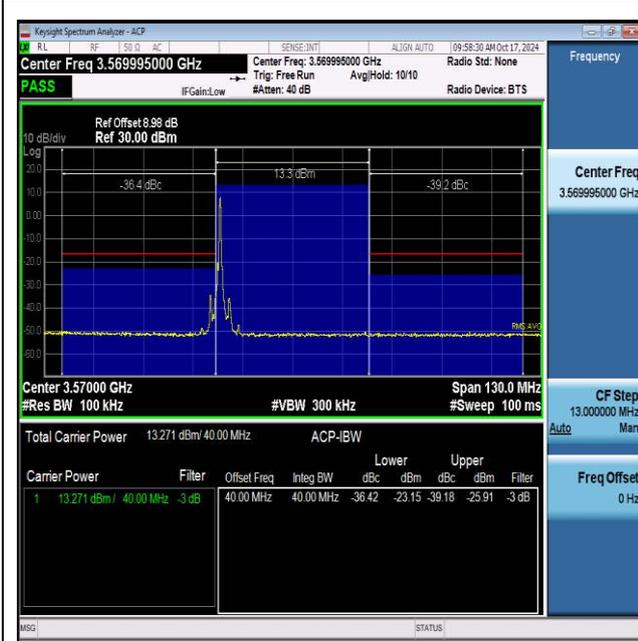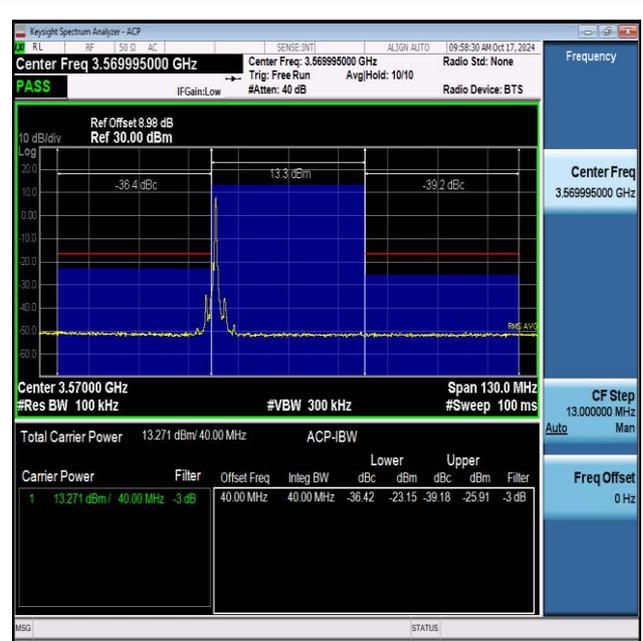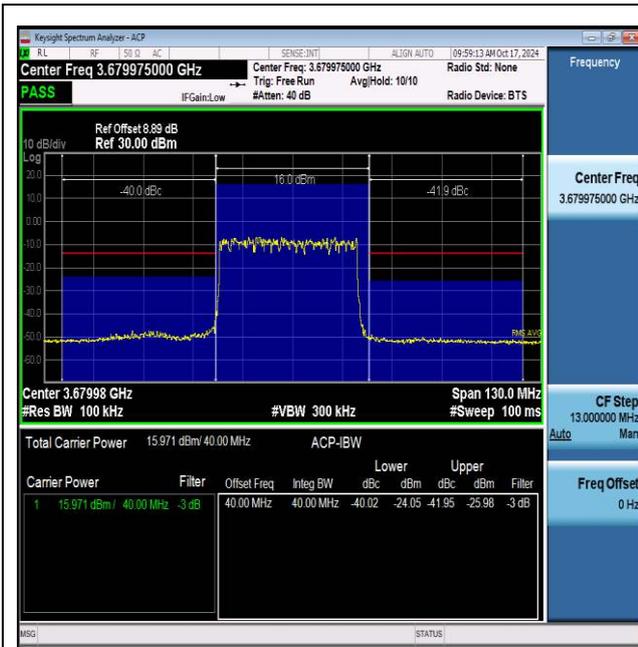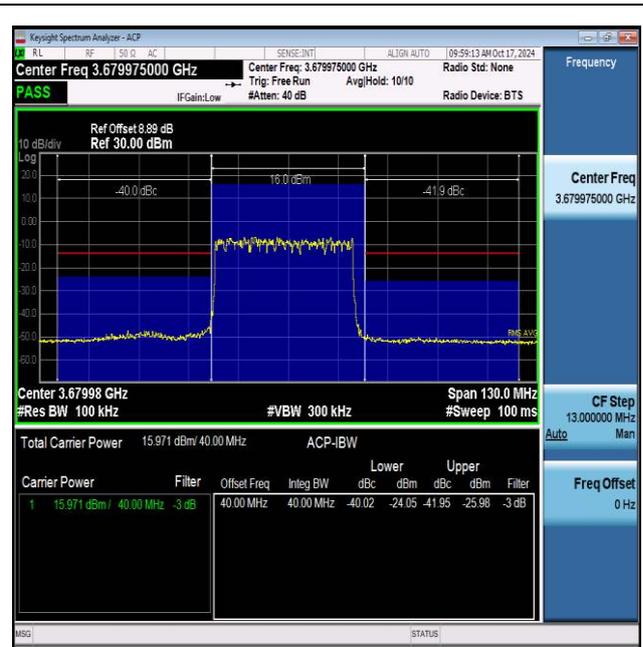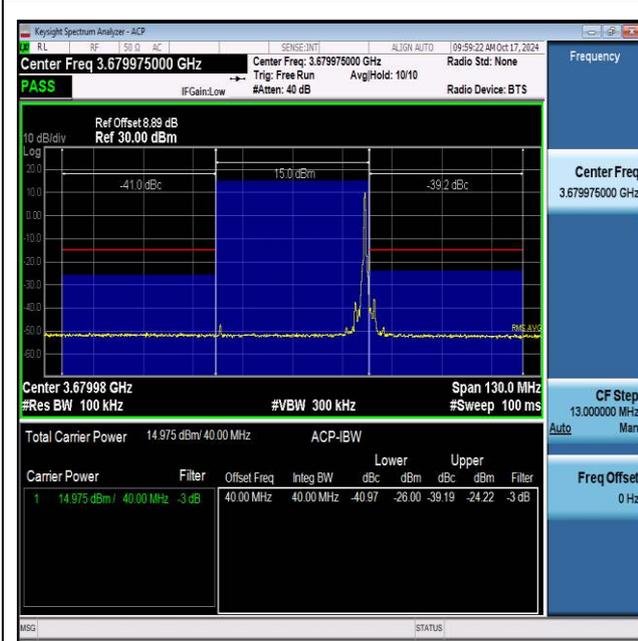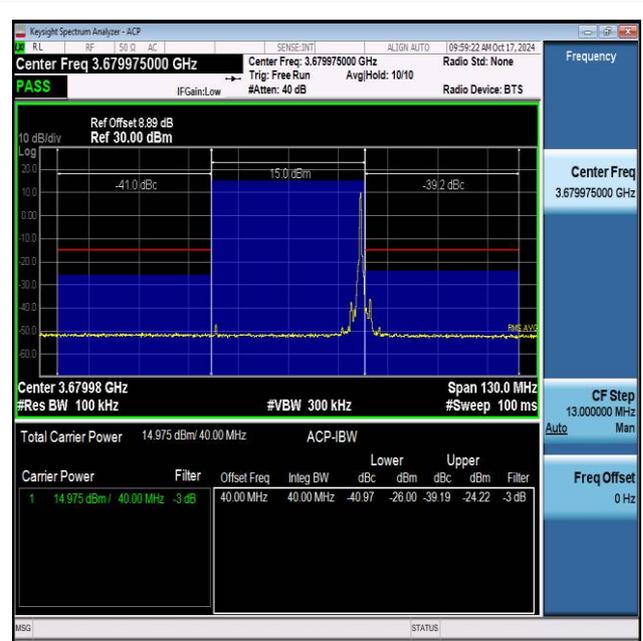|	
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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	10	DFT-PI2BPSK	L	Outer_Full	8.5958	9.717	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	8.6199	9.720	PASS
N48	30	10	DFT-16QAM	L	Outer_Full	8.6189	9.872	PASS
N48	30	10	DFT-64QAM	L	Outer_Full	8.5925	9.876	PASS
N48	30	10	DFT-256QAM	L	Outer_Full	8.5898	9.648	PASS
N48	30	10	CP-QPSK	L	Outer_Full	8.6250	10.00	PASS
N48	30	10	CP-16QAM	L	Outer_Full	8.6099	10.13	PASS
N48	30	10	CP-64QAM	L	Outer_Full	8.6019	9.742	PASS
N48	30	10	CP-256QAM	L	Outer_Full	8.6007	9.829	PASS
N48	30	10	DFT-PI2BPSK	M	Outer_Full	8.6028	9.717	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	8.5818	9.816	PASS
N48	30	10	DFT-16QAM	M	Outer_Full	8.6237	9.905	PASS
N48	30	10	DFT-64QAM	M	Outer_Full	8.5971	9.873	PASS
N48	30	10	DFT-256QAM	M	Outer_Full	8.5838	9.574	PASS
N48	30	10	CP-QPSK	M	Outer_Full	8.6257	10.03	PASS
N48	30	10	CP-16QAM	M	Outer_Full	8.6042	9.987	PASS
N48	30	10	CP-64QAM	M	Outer_Full	8.6096	9.728	PASS
N48	30	10	CP-256QAM	M	Outer_Full	8.6081	9.901	PASS
N48	30	10	DFT-PI2BPSK	H	Outer_Full	8.6064	9.932	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	8.6125	9.894	PASS
N48	30	10	DFT-16QAM	H	Outer_Full	8.6097	9.933	PASS
N48	30	10	DFT-64QAM	H	Outer_Full	8.5822	9.833	PASS
N48	30	10	DFT-256QAM	H	Outer_Full	8.5885	9.588	PASS
N48	30	10	CP-QPSK	H	Outer_Full	8.6091	9.929	PASS
N48	30	10	CP-16QAM	H	Outer_Full	8.5988	9.945	PASS
N48	30	10	CP-64QAM	H	Outer_Full	8.6142	9.779	PASS
N48	30	10	CP-256QAM	H	Outer_Full	8.5990	9.913	PASS
N48	30	15	DFT-PI2BPSK	L	Outer_Full	12.893	14.35	PASS
N48	30	15	DFT-QPSK	L	Outer_Full	12.889	13.98	PASS
N48	30	15	DFT-16QAM	L	Outer_Full	12.935	14.25	PASS
N48	30	15	DFT-64QAM	L	Outer_Full	12.897	14.24	PASS
N48	30	15	DFT-256QAM	L	Outer_Full	12.880	14.18	PASS
N48	30	15	CP-QPSK	L	Outer_Full	13.609	15.32	PASS
N48	30	15	CP-16QAM	L	Outer_Full	13.585	15.13	PASS
N48	30	15	CP-64QAM	L	Outer_Full	13.597	15.05	PASS
N48	30	15	CP-256QAM	L	Outer_Full	13.625	15.10	PASS
N48	30	15	DFT-PI2BPSK	M	Outer_Full	12.904	14.21	PASS
N48	30	15	DFT-QPSK	M	Outer_Full	12.886	14.23	PASS
N48	30	15	DFT-16QAM	M	Outer_Full	12.915	14.12	PASS
N48	30	15	DFT-64QAM	M	Outer_Full	12.872	14.38	PASS

N48	30	15	DFT-256QAM	M	Outer_Full	12.876	14.11	PASS
N48	30	15	CP-QPSK	M	Outer_Full	13.612	15.24	PASS
N48	30	15	CP-16QAM	M	Outer_Full	13.597	15.26	PASS
N48	30	15	CP-64QAM	M	Outer_Full	13.586	15.04	PASS
N48	30	15	CP-256QAM	M	Outer_Full	13.594	15.03	PASS
N48	30	15	DFT-PI2BPSK	H	Outer_Full	12.868	14.17	PASS
N48	30	15	DFT-QPSK	H	Outer_Full	12.843	14.35	PASS
N48	30	15	DFT-16QAM	H	Outer_Full	12.871	14.01	PASS
N48	30	15	DFT-64QAM	H	Outer_Full	12.840	14.01	PASS
N48	30	15	DFT-256QAM	H	Outer_Full	12.869	14.15	PASS
N48	30	15	CP-QPSK	H	Outer_Full	13.575	14.86	PASS
N48	30	15	CP-16QAM	H	Outer_Full	13.606	14.98	PASS
N48	30	15	CP-64QAM	H	Outer_Full	13.604	14.94	PASS
N48	30	15	CP-256QAM	H	Outer_Full	13.571	14.96	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	17.795	18.97	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	17.839	19.11	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	17.841	19.50	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	17.864	19.36	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	17.808	19.15	PASS
N48	30	20	CP-QPSK	L	Outer_Full	18.203	19.69	PASS
N48	30	20	CP-16QAM	L	Outer_Full	18.249	19.53	PASS
N48	30	20	CP-64QAM	L	Outer_Full	18.203	19.43	PASS
N48	30	20	CP-256QAM	L	Outer_Full	18.219	19.72	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.838	19.15	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.852	19.38	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.844	19.33	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.858	19.41	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.835	19.37	PASS
N48	30	20	CP-QPSK	M	Outer_Full	18.235	19.72	PASS
N48	30	20	CP-16QAM	M	Outer_Full	18.210	19.48	PASS
N48	30	20	CP-64QAM	M	Outer_Full	18.201	19.62	PASS
N48	30	20	CP-256QAM	M	Outer_Full	18.228	19.74	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	17.802	19.42	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	17.849	19.03	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	17.837	19.10	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	17.818	19.14	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	17.827	19.23	PASS
N48	30	20	CP-QPSK	H	Outer_Full	18.193	19.75	PASS
N48	30	20	CP-16QAM	H	Outer_Full	18.248	19.78	PASS
N48	30	20	CP-64QAM	H	Outer_Full	18.172	19.52	PASS
N48	30	20	CP-256QAM	H	Outer_Full	18.215	19.80	PASS
N48	30	30	DFT-PI2BPSK	L	Outer_Full	26.785	28.58	PASS
N48	30	30	DFT-QPSK	L	Outer_Full	26.791	28.41	PASS
N48	30	30	DFT-16QAM	L	Outer_Full	26.789	28.23	PASS
N48	30	30	DFT-64QAM	L	Outer_Full	26.795	28.52	PASS

N48	30	30	DFT-256QAM	L	Outer_Full	26.795	28.47	PASS
N48	30	30	CP-QPSK	L	Outer_Full	27.840	29.50	PASS
N48	30	30	CP-16QAM	L	Outer_Full	27.876	29.63	PASS
N48	30	30	CP-64QAM	L	Outer_Full	27.825	29.68	PASS
N48	30	30	CP-256QAM	L	Outer_Full	27.831	29.48	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	26.810	28.52	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	26.775	28.50	PASS
N48	30	30	DFT-16QAM	M	Outer_Full	26.806	28.42	PASS
N48	30	30	DFT-64QAM	M	Outer_Full	26.794	28.43	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	26.839	28.53	PASS
N48	30	30	CP-QPSK	M	Outer_Full	27.835	29.62	PASS
N48	30	30	CP-16QAM	M	Outer_Full	27.788	29.54	PASS
N48	30	30	CP-64QAM	M	Outer_Full	27.868	29.65	PASS
N48	30	30	CP-256QAM	M	Outer_Full	27.884	29.91	PASS
N48	30	30	DFT-PI2BPSK	H	Outer_Full	26.800	28.56	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	26.767	28.34	PASS
N48	30	30	DFT-16QAM	H	Outer_Full	26.835	28.53	PASS
N48	30	30	DFT-64QAM	H	Outer_Full	26.783	28.29	PASS
N48	30	30	DFT-256QAM	H	Outer_Full	26.806	28.28	PASS
N48	30	30	CP-QPSK	H	Outer_Full	27.814	29.48	PASS
N48	30	30	CP-16QAM	H	Outer_Full	27.892	29.67	PASS
N48	30	30	CP-64QAM	H	Outer_Full	27.814	29.52	PASS
N48	30	30	CP-256QAM	H	Outer_Full	27.804	29.66	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	35.753	37.51	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	35.747	37.68	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	35.730	37.48	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	35.752	37.50	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	35.749	37.53	PASS
N48	30	40	CP-QPSK	L	Outer_Full	37.843	39.88	PASS
N48	30	40	CP-16QAM	L	Outer_Full	37.831	39.43	PASS
N48	30	40	CP-64QAM	L	Outer_Full	37.832	39.92	PASS
N48	30	40	CP-256QAM	L	Outer_Full	37.954	39.95	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.818	37.79	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.783	37.69	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.771	37.69	PASS
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N48	30	40	DFT-256QAM	M	Outer_Full	35.725	37.45	PASS
N48	30	40	CP-QPSK	M	Outer_Full	37.869	39.80	PASS
N48	30	40	CP-16QAM	M	Outer_Full	37.784	39.84	PASS
N48	30	40	CP-64QAM	M	Outer_Full	37.894	39.94	PASS
N48	30	40	CP-256QAM	M	Outer_Full	37.924	39.93	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	35.787	37.67	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	35.721	37.77	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	35.729	37.58	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	35.709	37.62	PASS

N48	30	40	DFT-256QAM	H	Outer_Full	35.731	37.53	PASS
N48	30	40	CP-QPSK	H	Outer_Full	37.780	40.02	PASS
N48	30	40	CP-16QAM	H	Outer_Full	37.806	39.83	PASS
N48	30	40	CP-64QAM	H	Outer_Full	37.865	40.13	PASS
N48	30	40	CP-256QAM	H	Outer_Full	37.879	39.91	PASS

Test Graphs
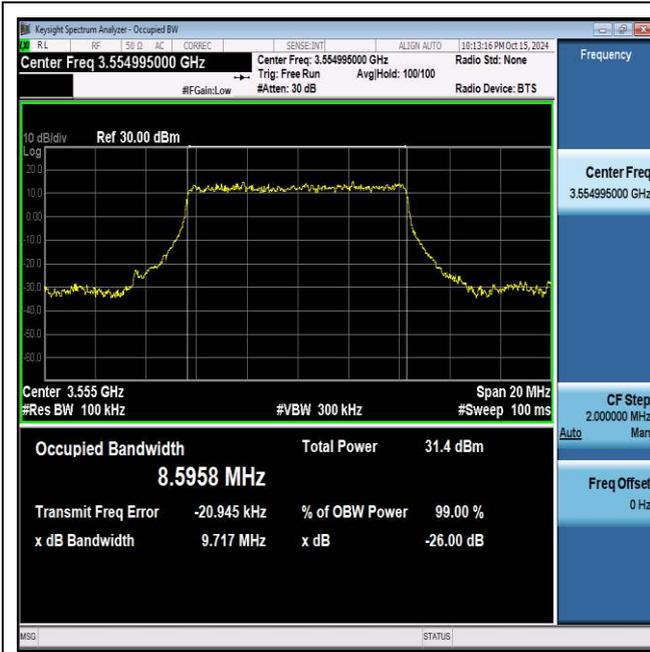
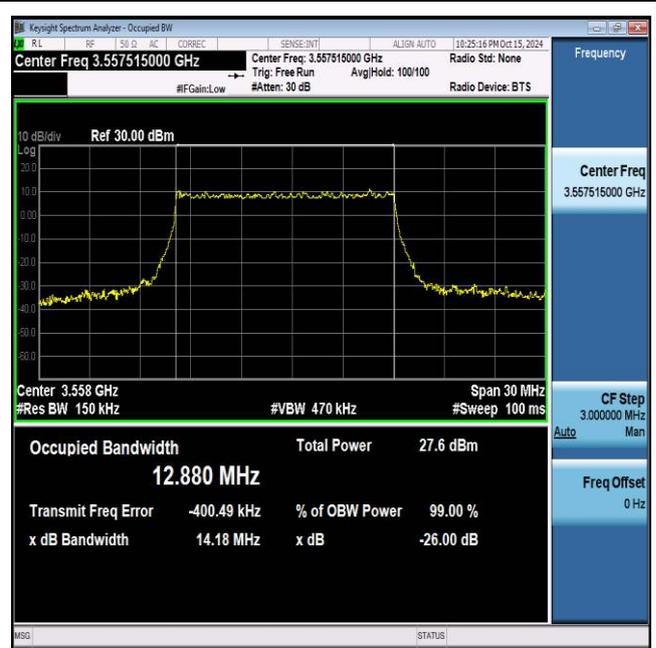

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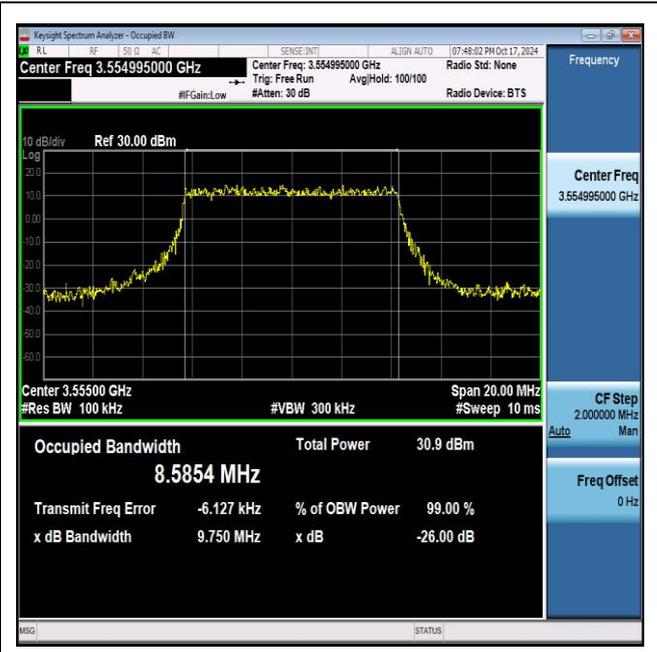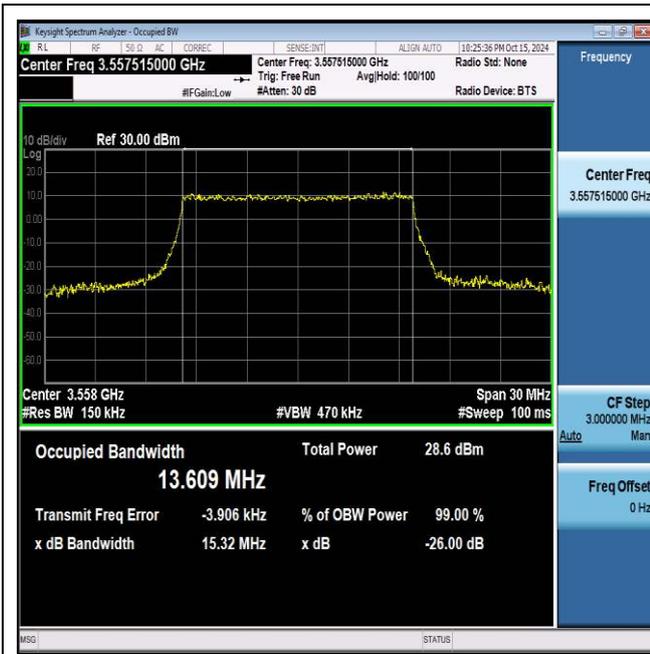

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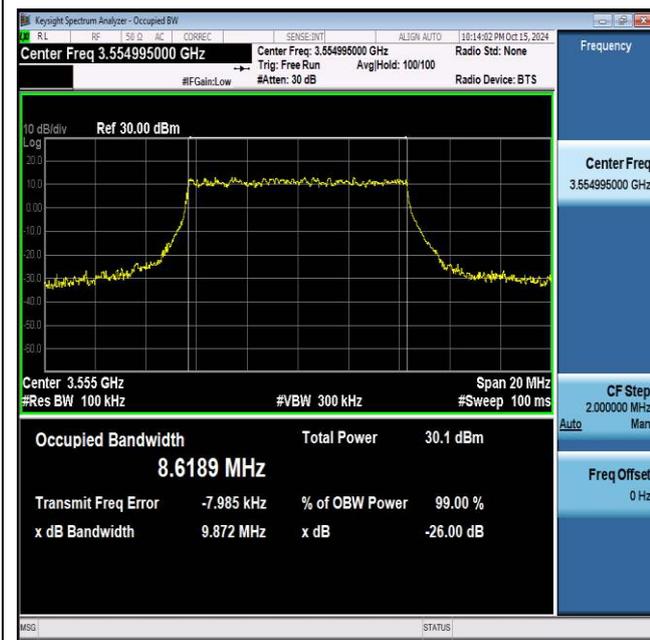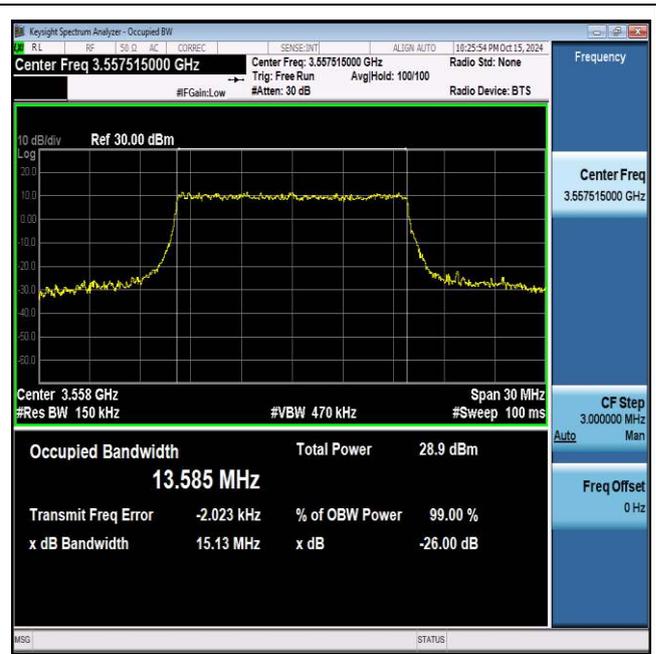

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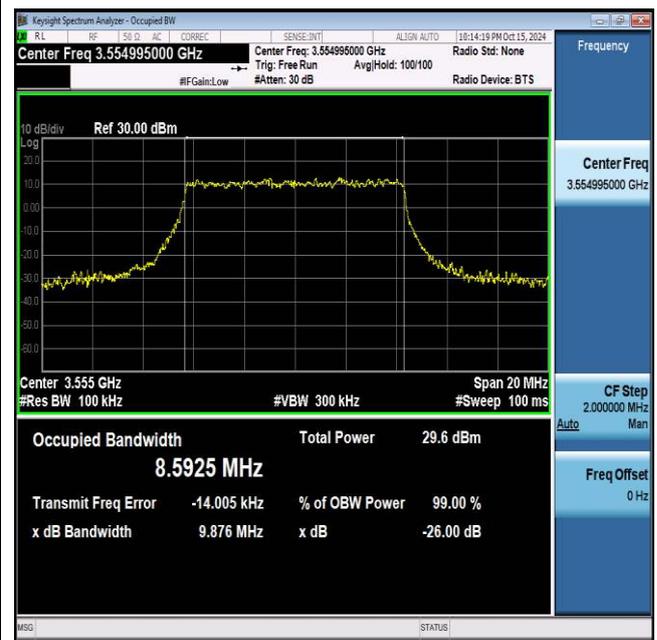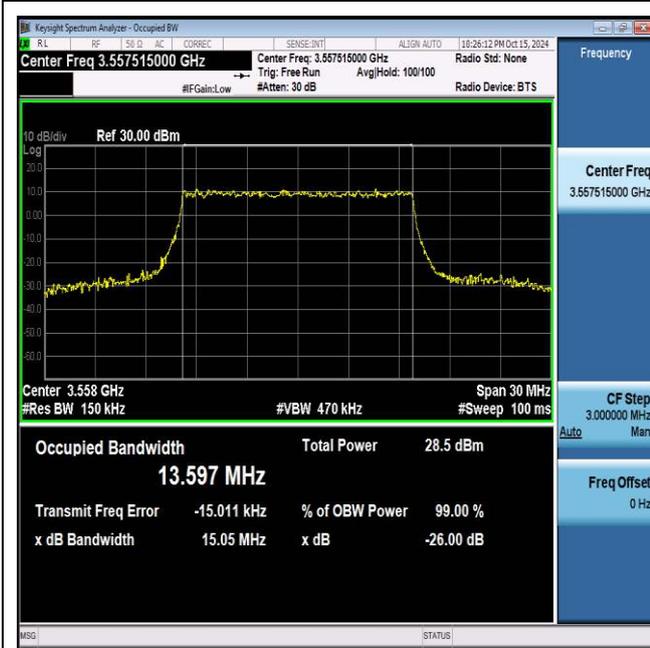

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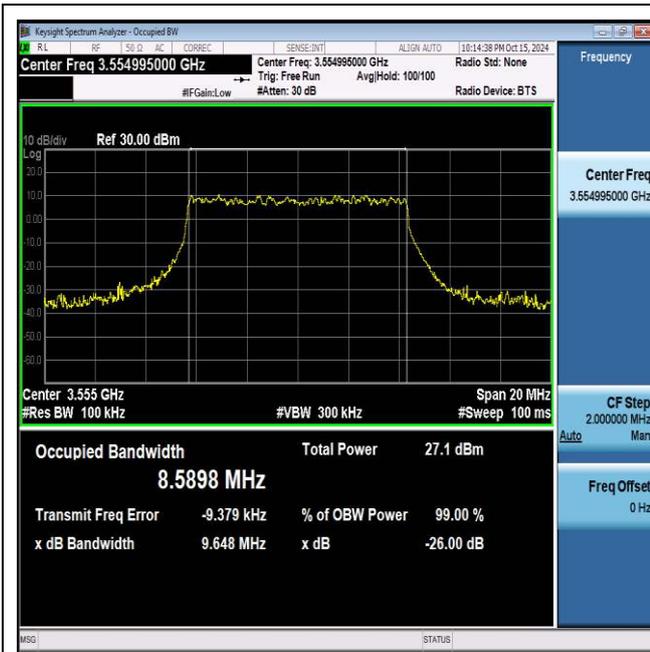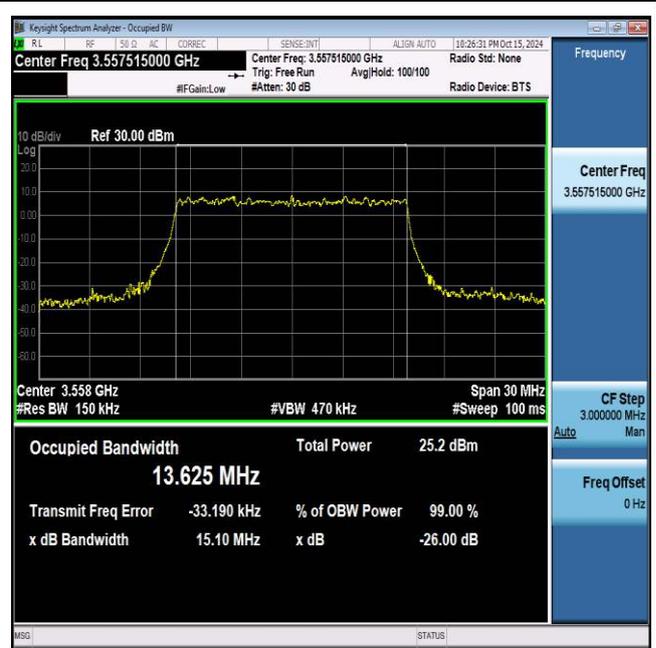
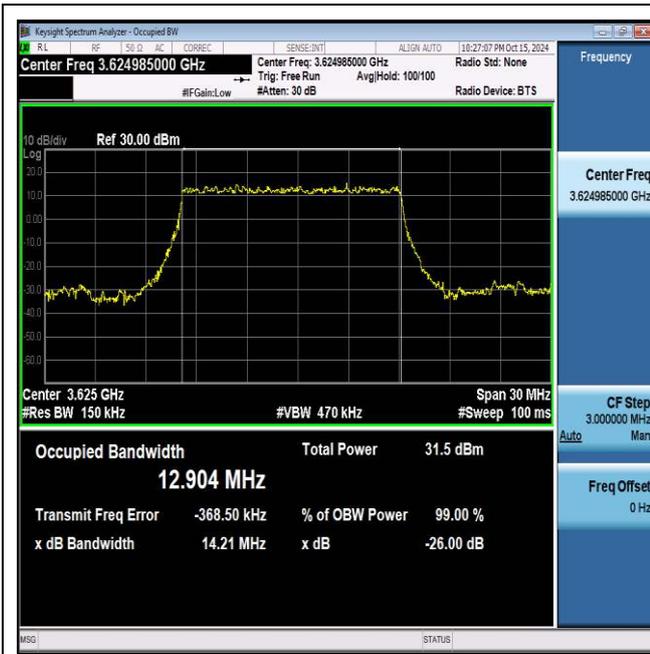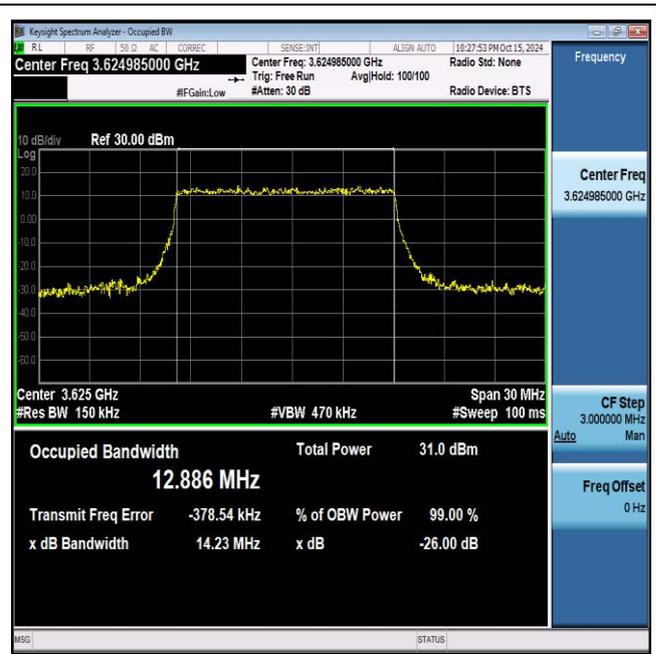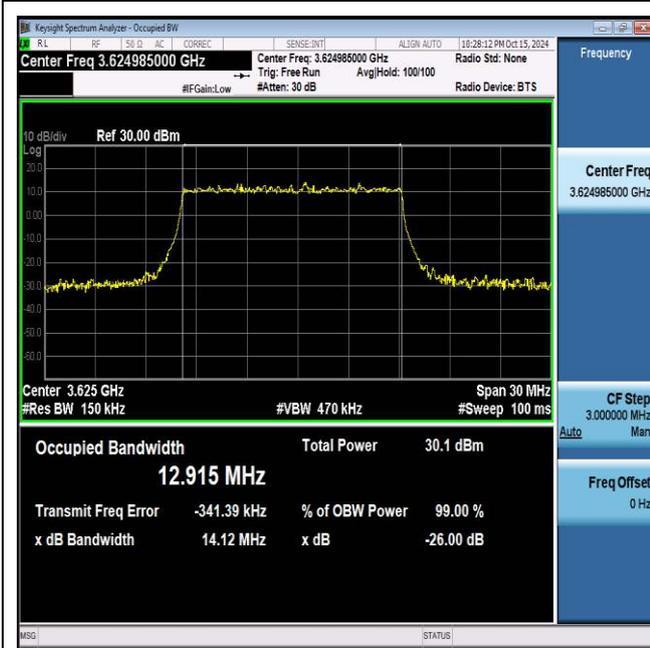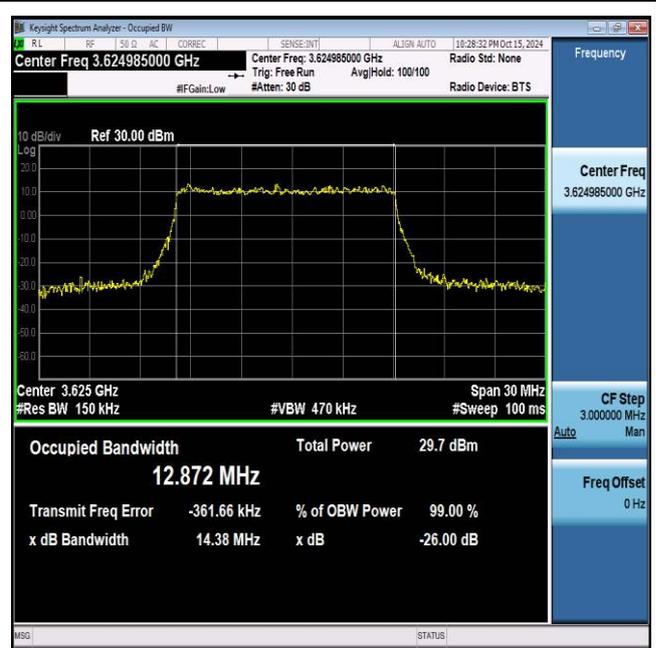NTNV_N48_PC3_30_10_L_TID5_Ant1#1
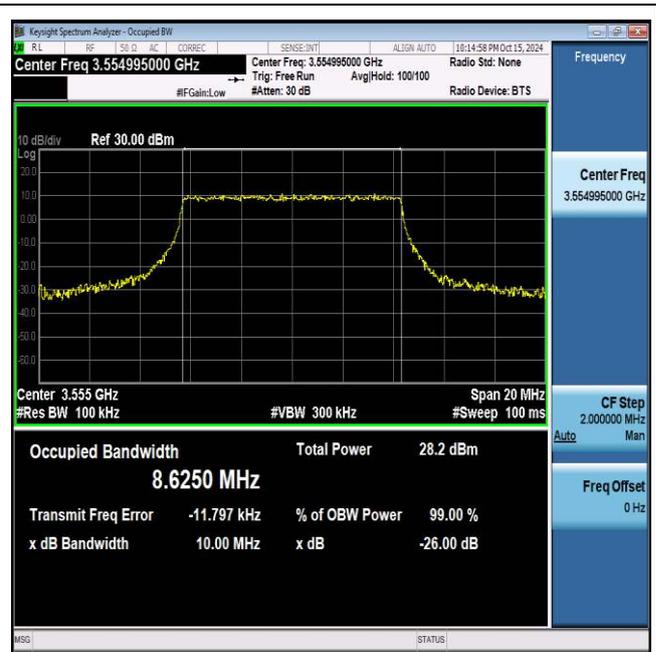
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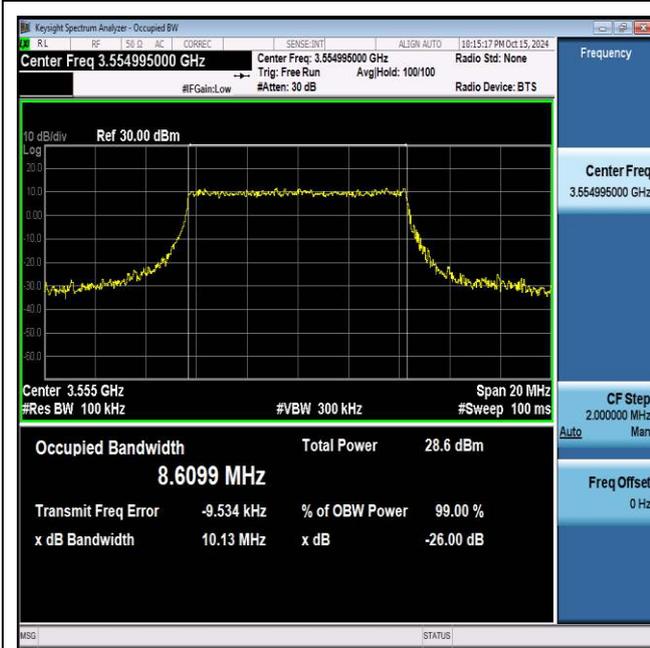
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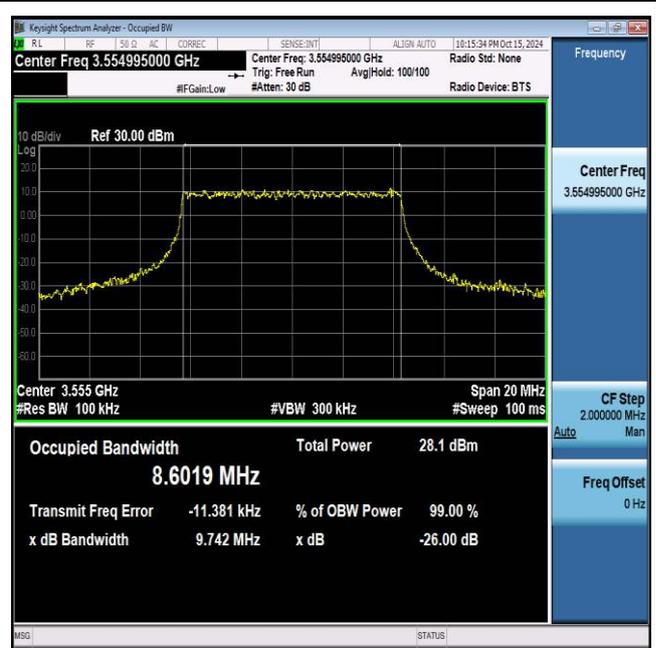
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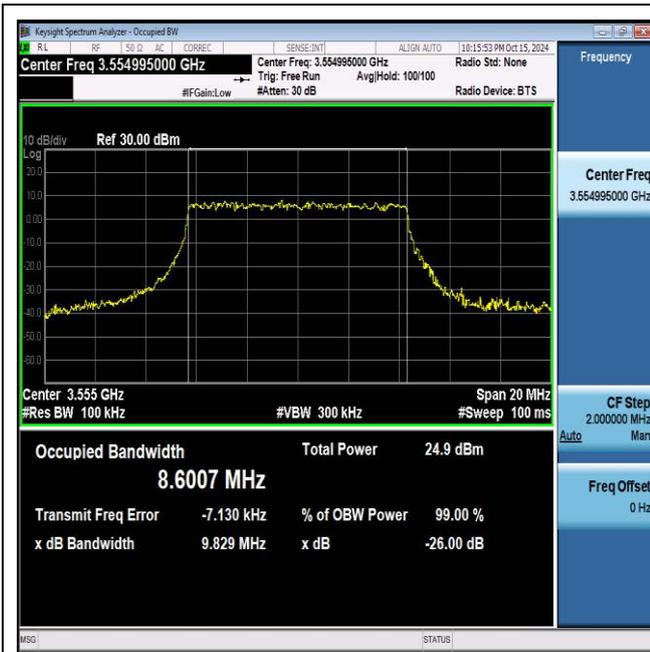
NTNV_N48_PC3_30_10_L_TID9_Ant1#1	**NTNV_N48_PC3_30_10_M_TID1_Ant1#1**

Panel 1 (top-left):
- Center Freq 3.554995000 GHz
- Occupied Bandwidth: 8.6007 MHz
- Total Power: 24.9 dBm
- Transmit Freq Error: -7.130 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 9.829 MHz
- x dB: -26.00 dB

Panel 2 (top-right):
- Center Freq 3.624985000 GHz
- Occupied Bandwidth: 8.6028 MHz
- Total Power: 31.3 dBm
- Transmit Freq Error: -22.191 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 9.717 MHz
- x dB: -26.00 dB

Panel 3 (bottom-left):
- Center Freq 3.624985000 GHz
- Occupied Bandwidth: 8.5818 MHz
- Total Power: 30.8 dBm
- Transmit Freq Error: -8.189 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 9.816 MHz
- x dB: -26.00 dB

Panel 4 (bottom-right):
- Center Freq 3.624985000 GHz
- Occupied Bandwidth: 8.6237 MHz
- Total Power: 29.8 dBm
- Transmit Freq Error: -7.852 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 9.905 MHz
- x dB: -26.00 dB

NTNV_N48_PC3_30_10_M_TID2_Ant1#1	**NTNV_N48_PC3_30_10_M_TID3_Ant1#1**
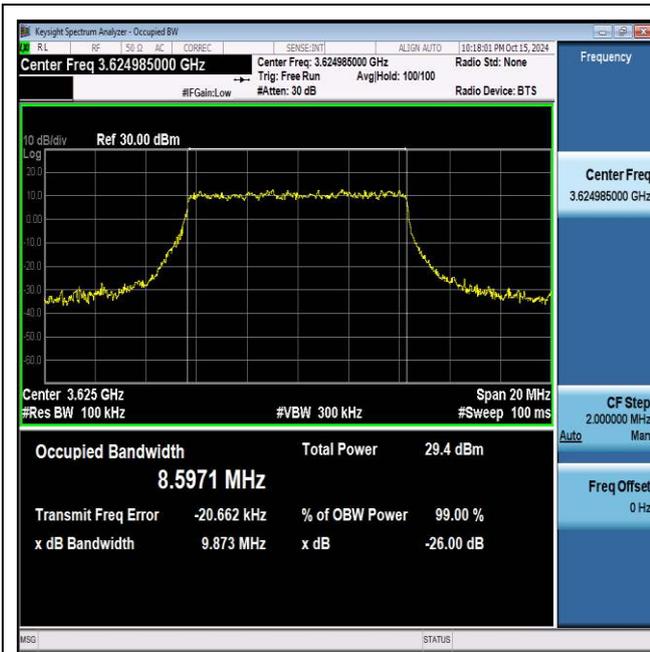
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NTNV_N48_PC3_30_10_M_TID6_Ant1#1	NTNV_N48_PC3_30_10_M_TID7_Ant1#1
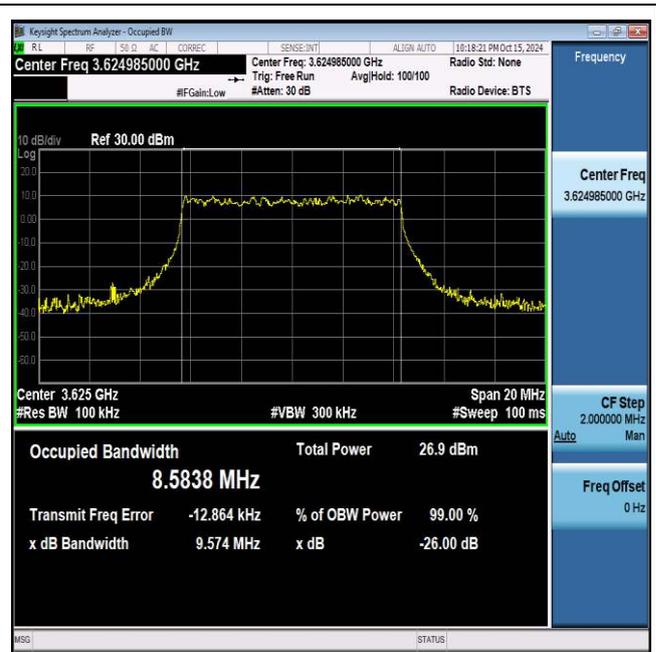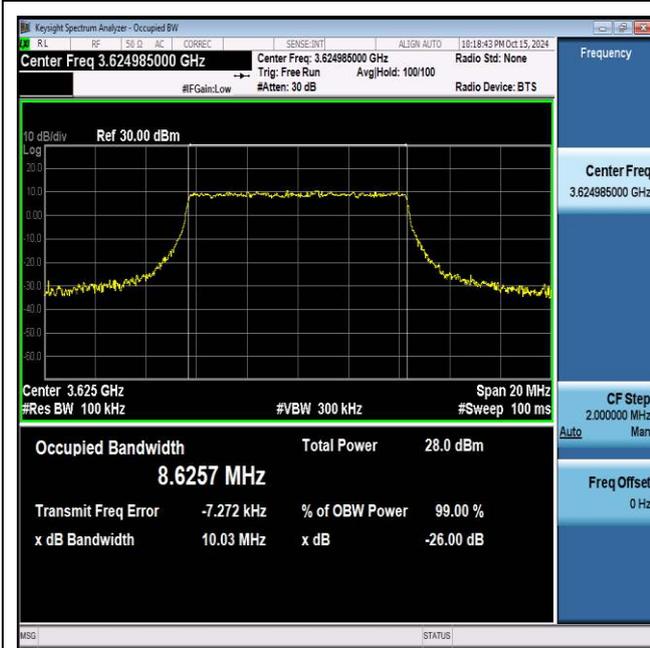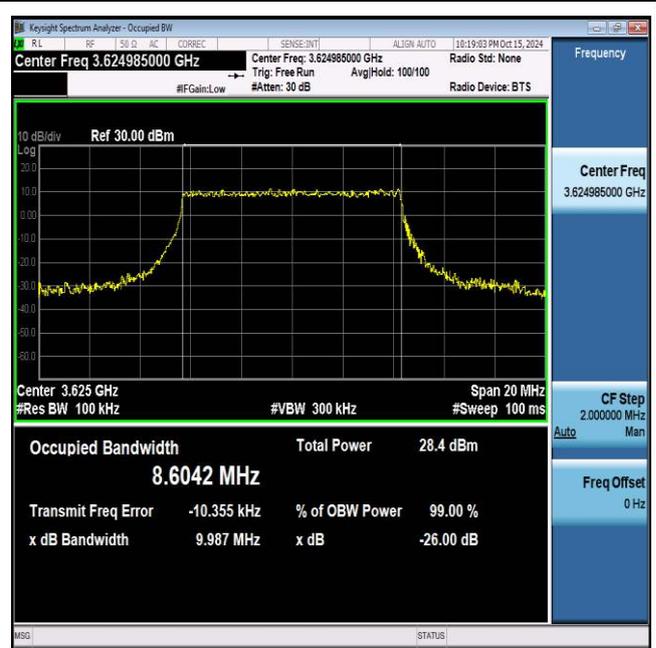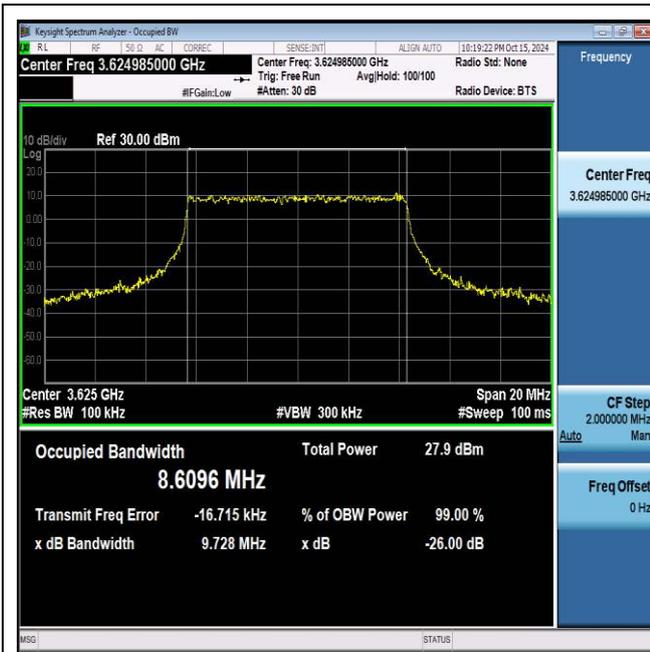
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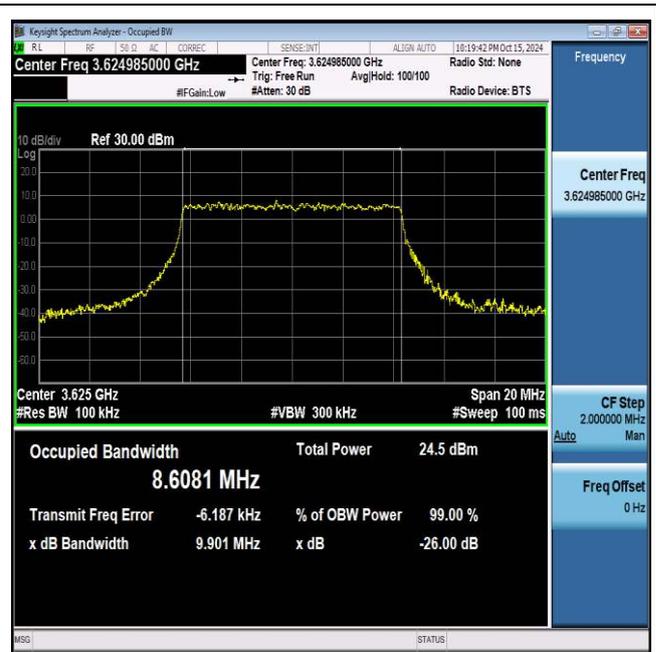
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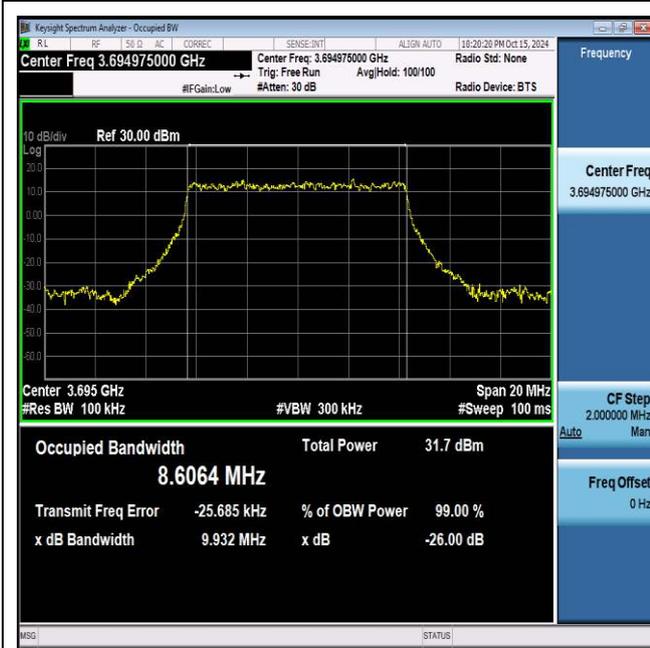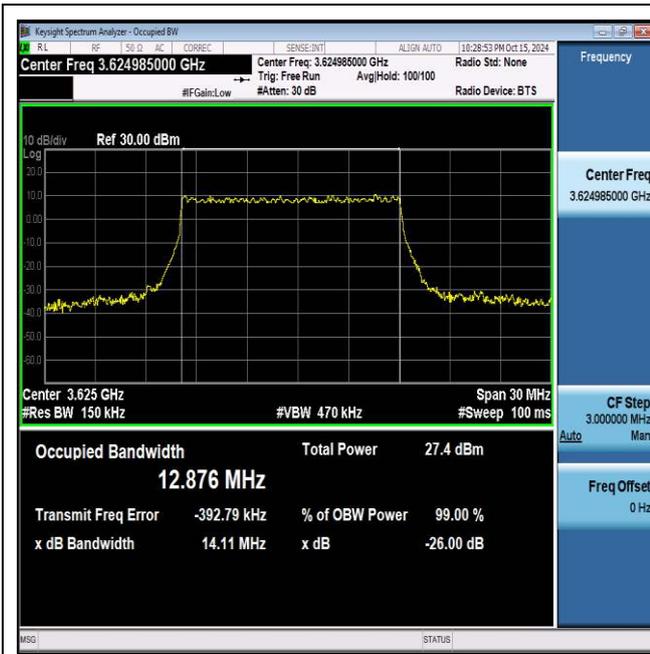

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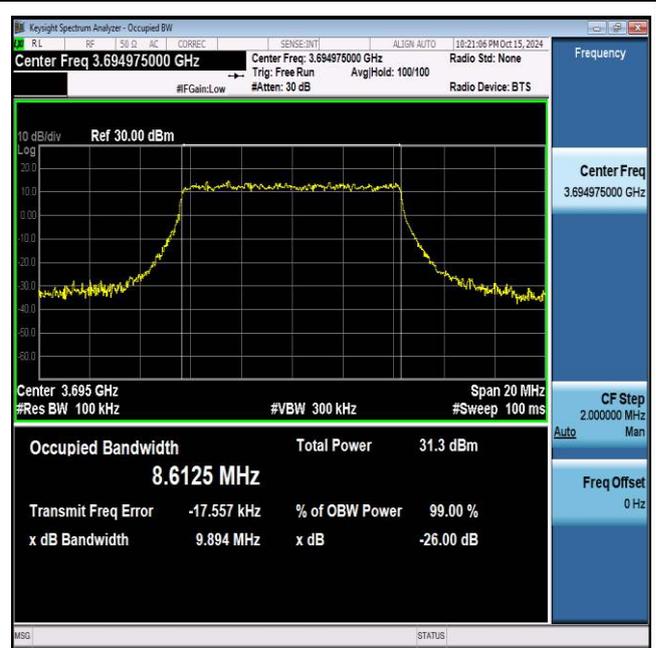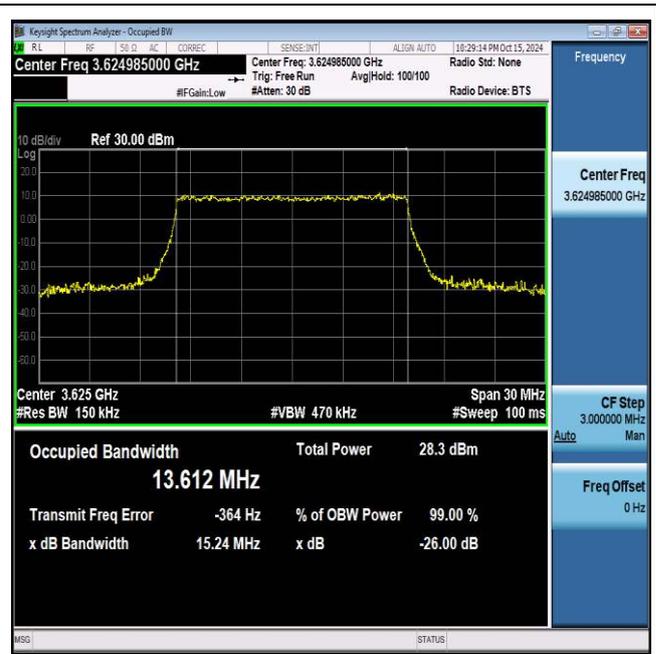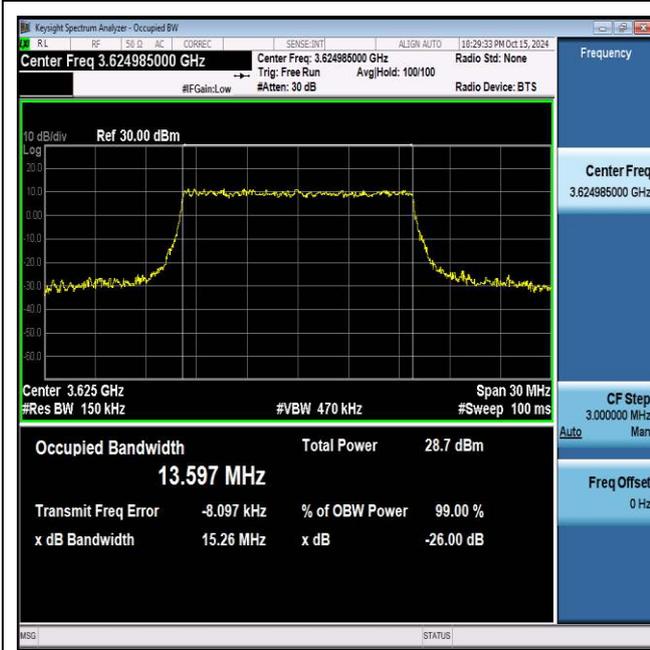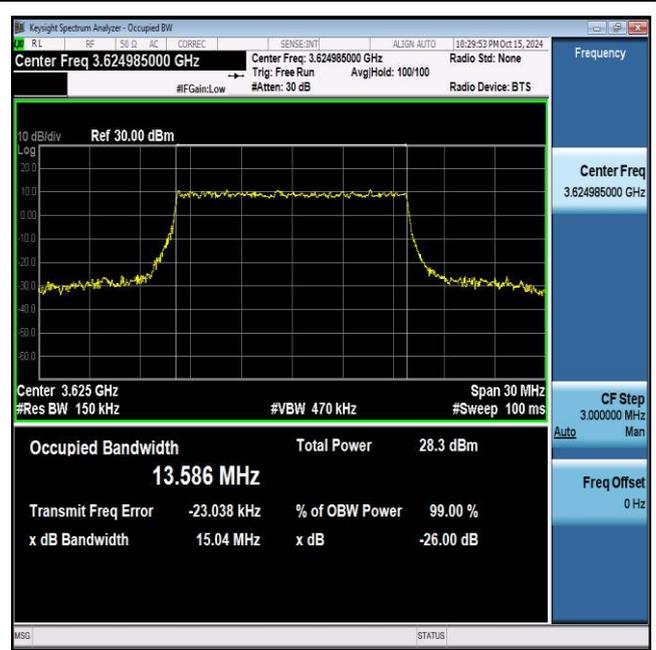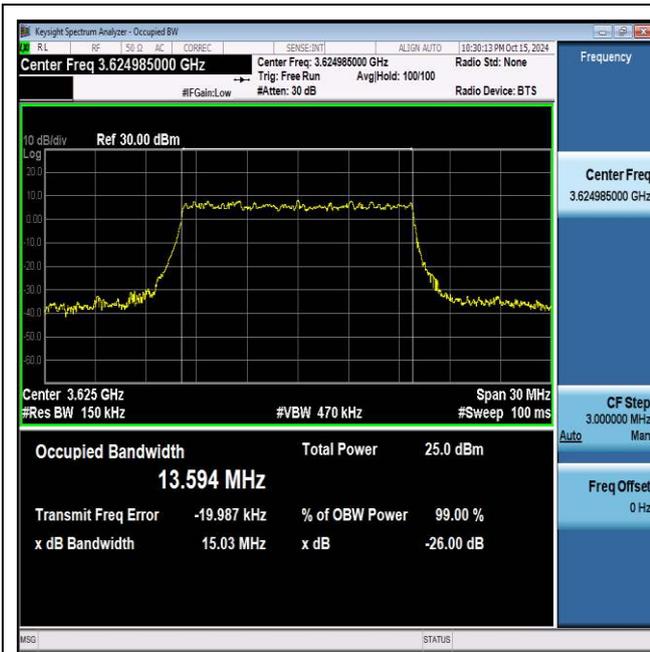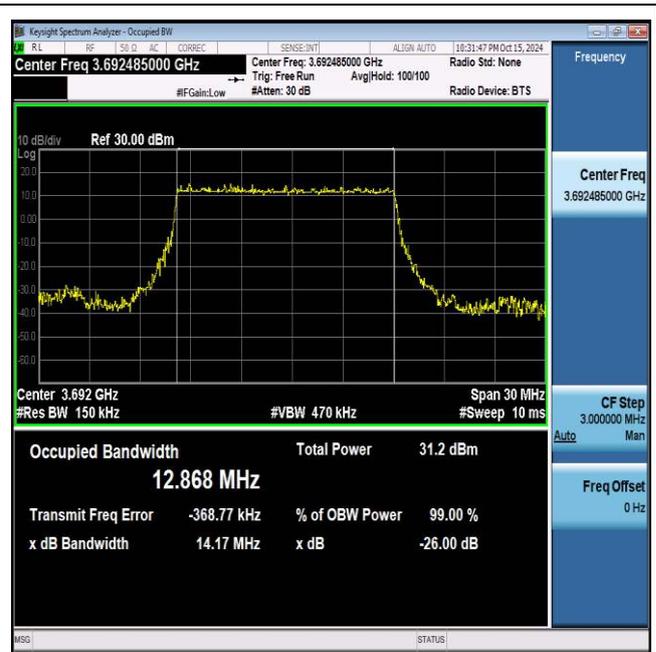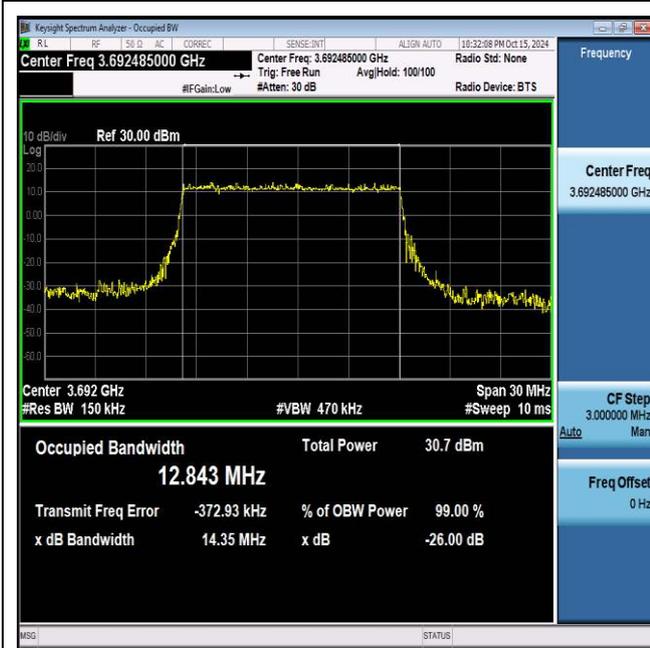

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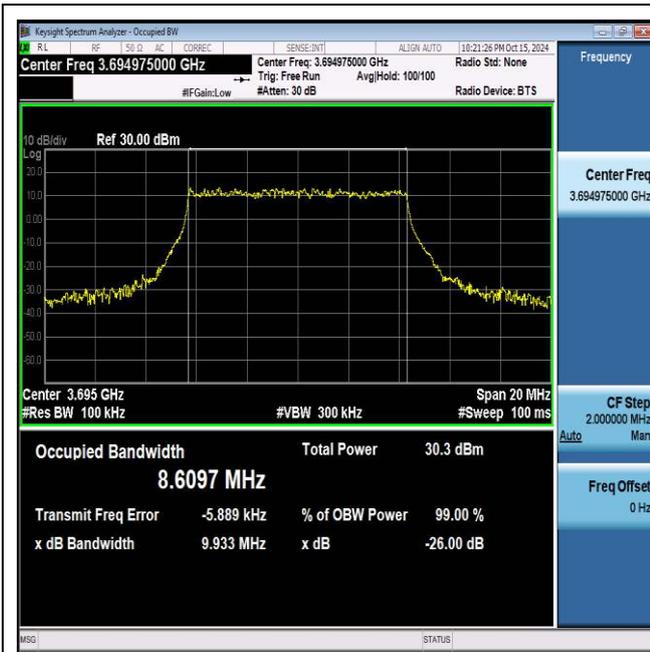
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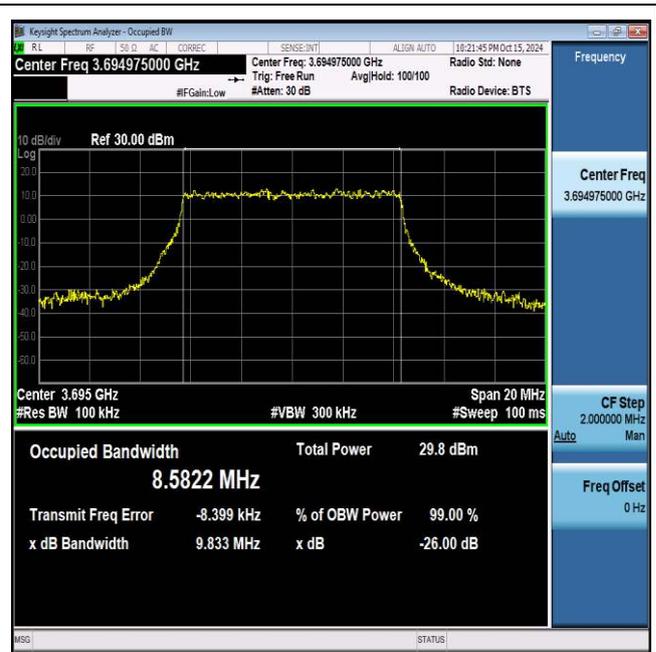
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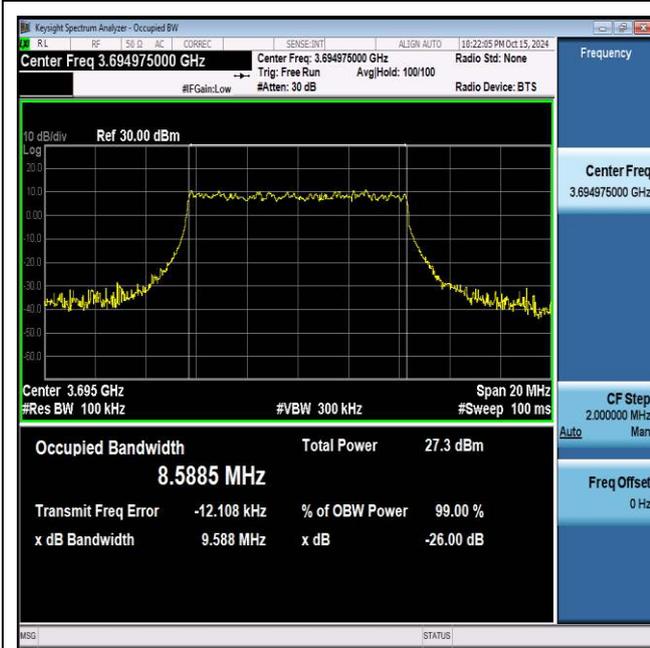
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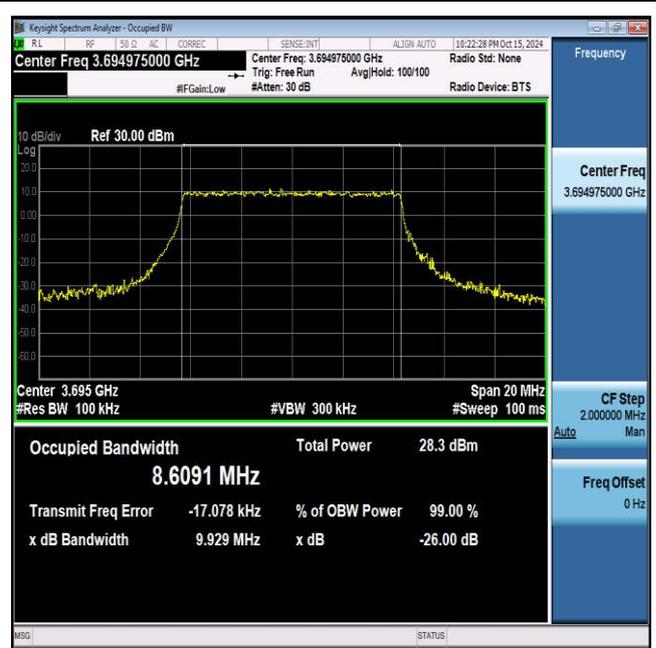
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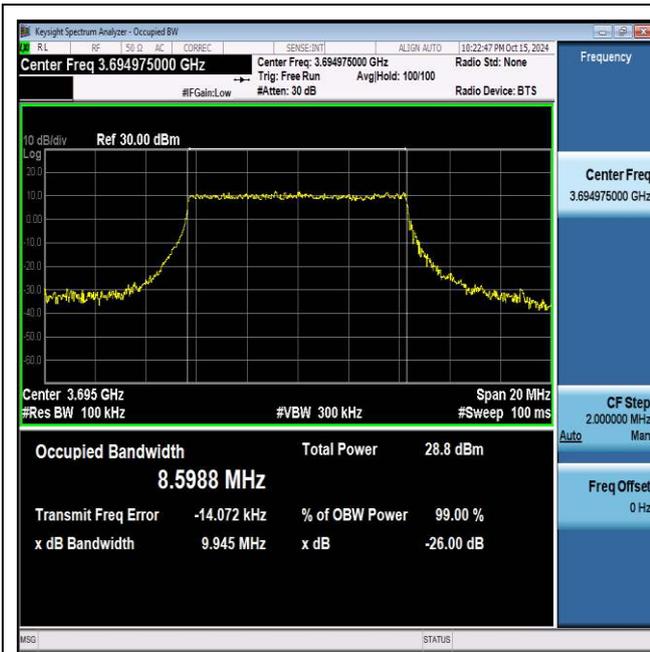
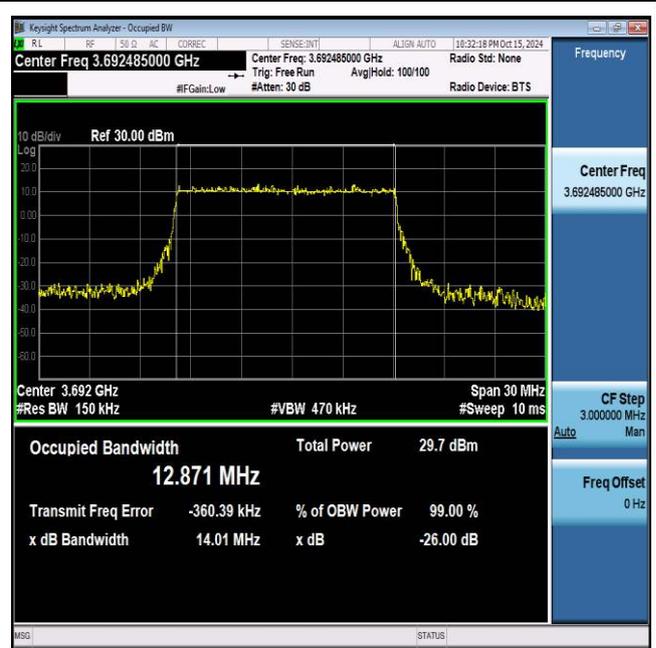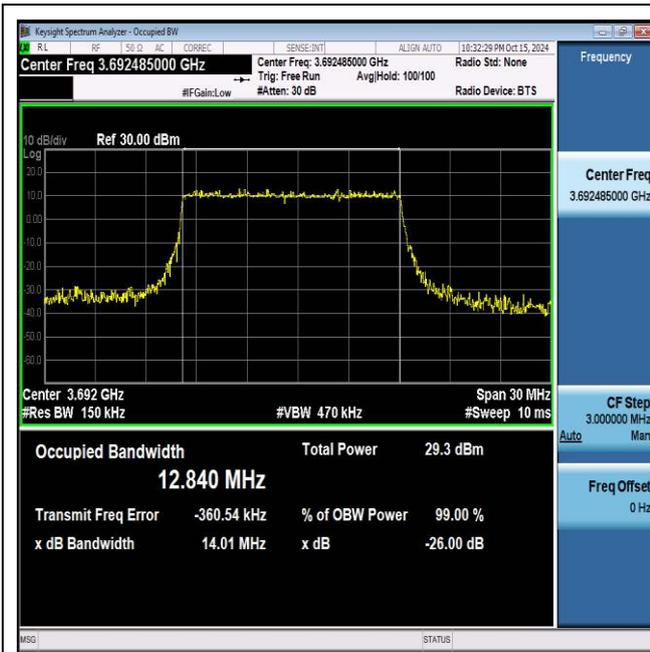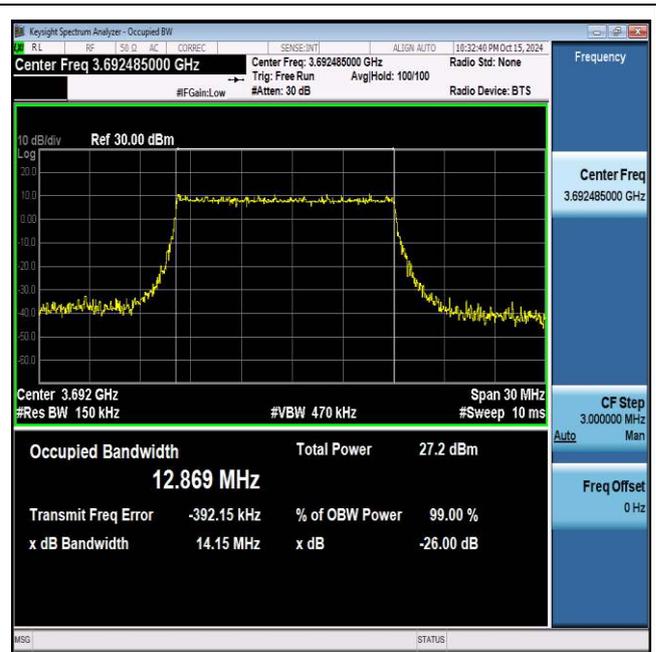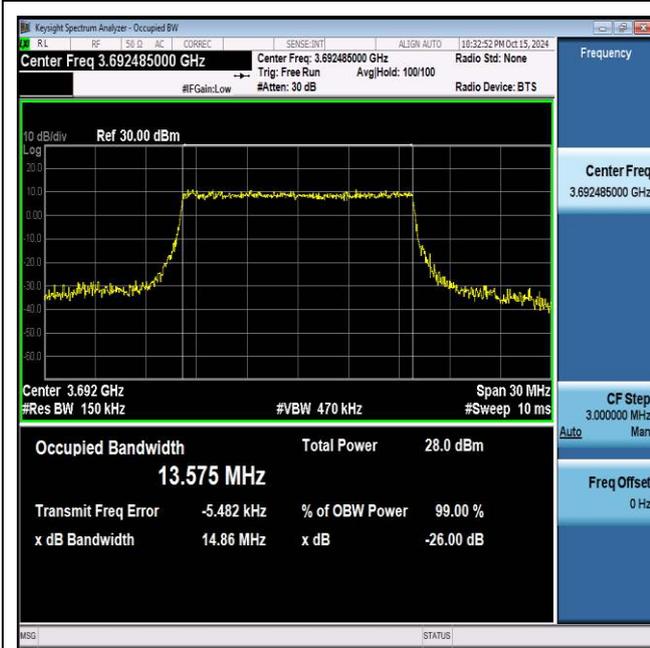|	
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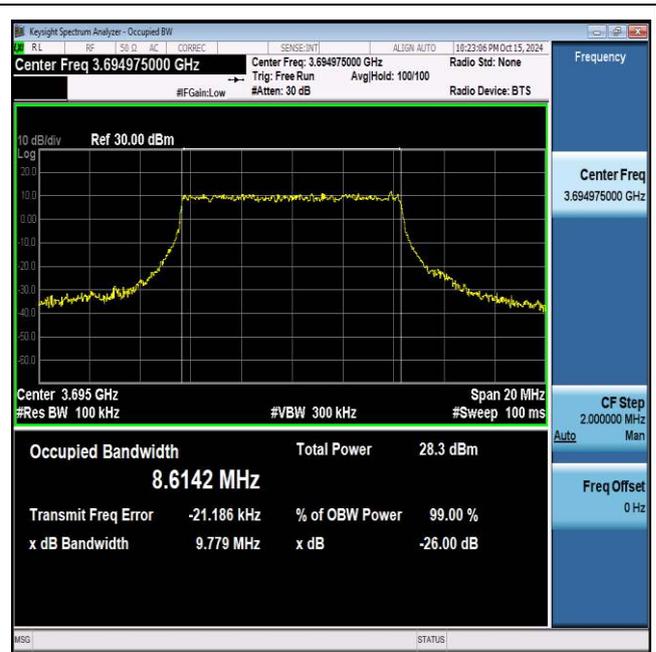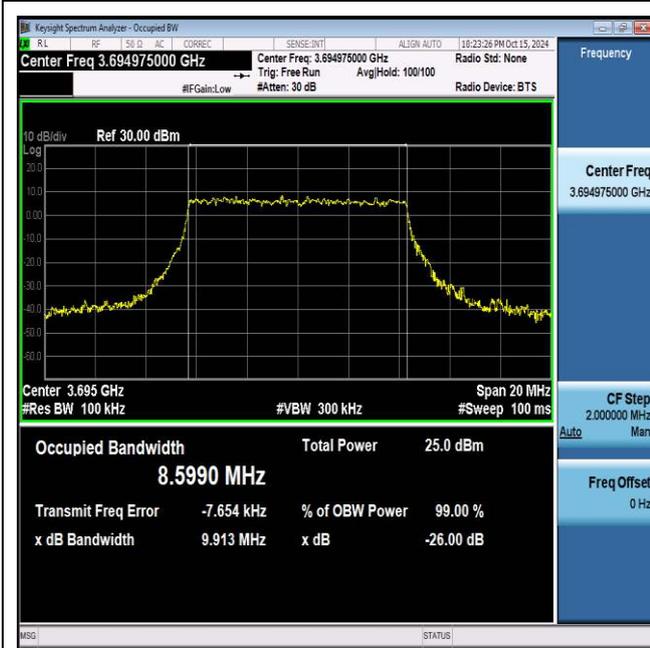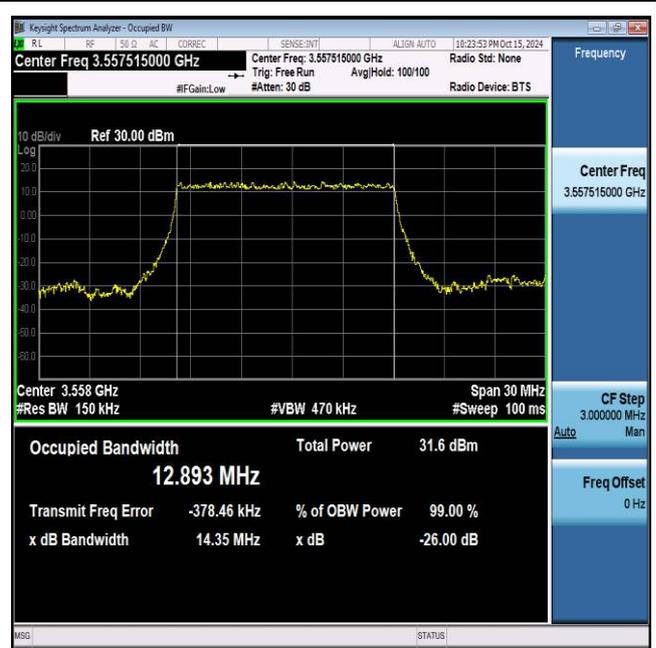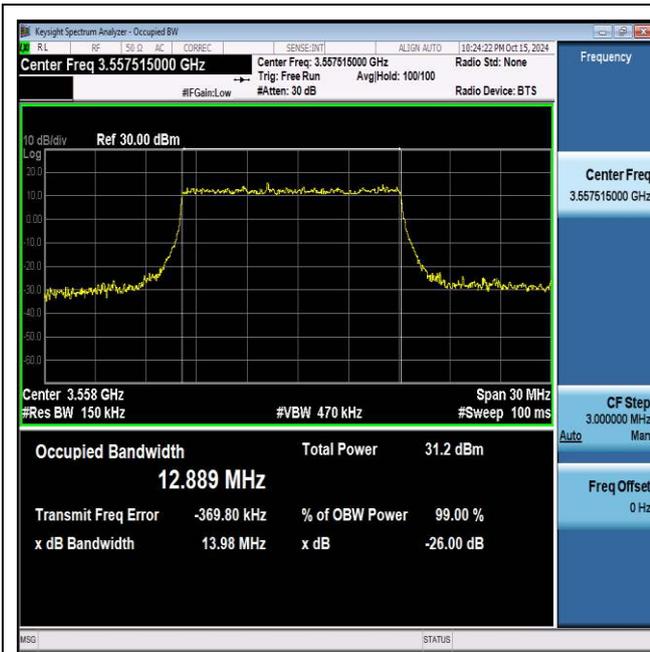
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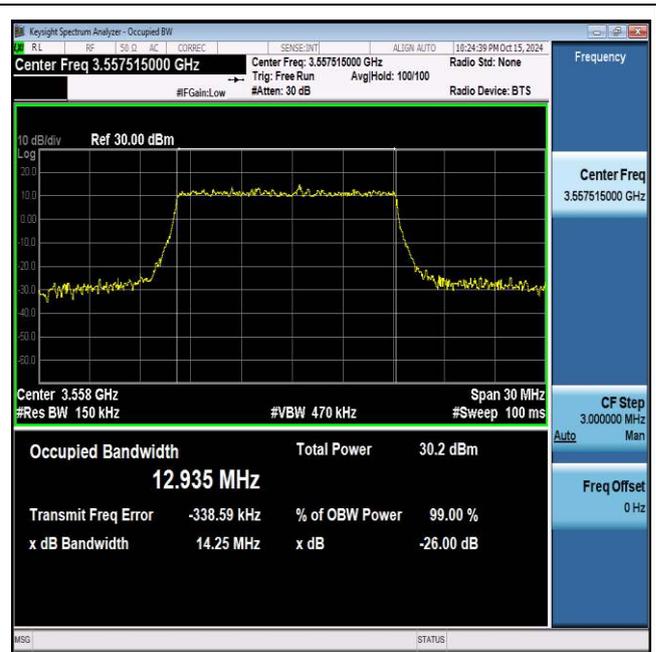
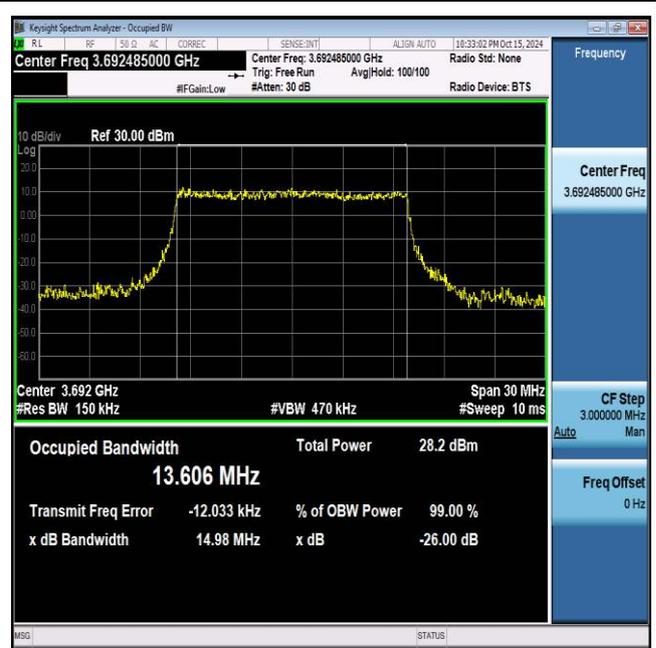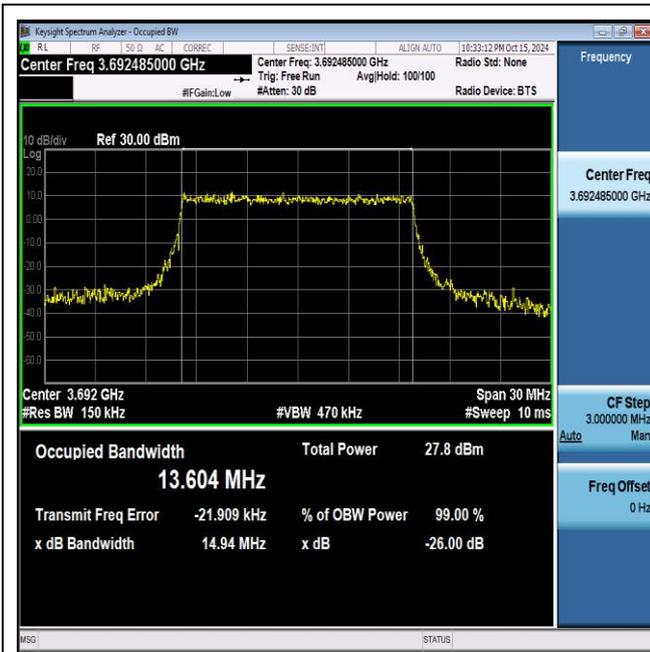NTNV_N48_PC3_30_15_L_TID3_Ant1#1
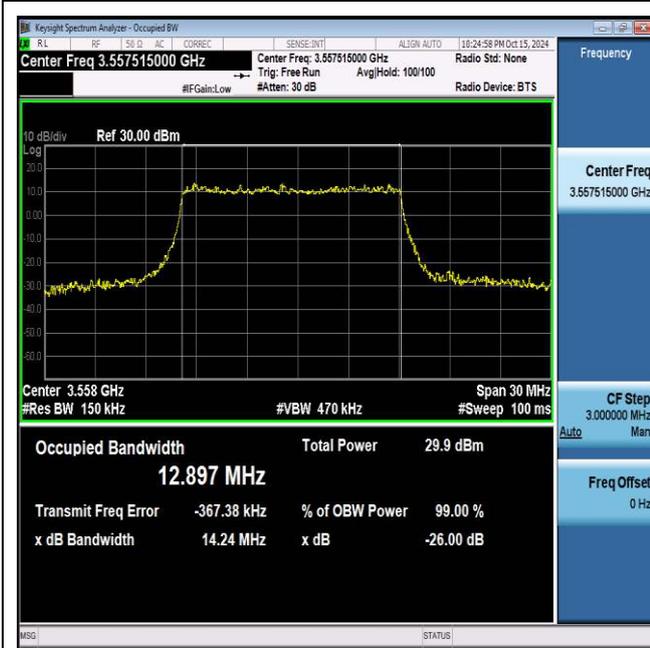
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NTNV_N48_PC3_30_15_L_TID6_Ant1#1	NTNV_N48_PC3_30_15_L_TID7_Ant1#1

NTNV_N48_PC3_30_15_L_TID6_Ant1#1

Occupied Bandwidth: 13.609 MHz
Total Power: 28.6 dBm
Transmit Freq Error: -3.906 kHz
% of OBW Power: 99.00 %
x dB Bandwidth: 15.32 MHz
x dB: -26.00 dB

NTNV_N48_PC3_30_15_L_TID7_Ant1#1

Occupied Bandwidth: 13.585 MHz
Total Power: 28.9 dBm
Transmit Freq Error: -2.023 kHz
% of OBW Power: 99.00 %
x dB Bandwidth: 15.13 MHz
x dB: -26.00 dB

NTNV_N48_PC3_30_15_L_TID8_Ant1#1

Occupied Bandwidth: 13.597 MHz
Total Power: 28.5 dBm
Transmit Freq Error: -15.011 kHz
% of OBW Power: 99.00 %
x dB Bandwidth: 15.05 MHz
x dB: -26.00 dB

NTNV_N48_PC3_30_15_L_TID9_Ant1#1

Occupied Bandwidth: 13.625 MHz
Total Power: 25.2 dBm
Transmit Freq Error: -33.190 kHz
% of OBW Power: 99.00 %
x dB Bandwidth: 15.10 MHz
x dB: -26.00 dB

NTNV_N48_PC3_30_15_L_TID8_Ant1#1	NTNV_N48_PC3_30_15_L_TID9_Ant1#1

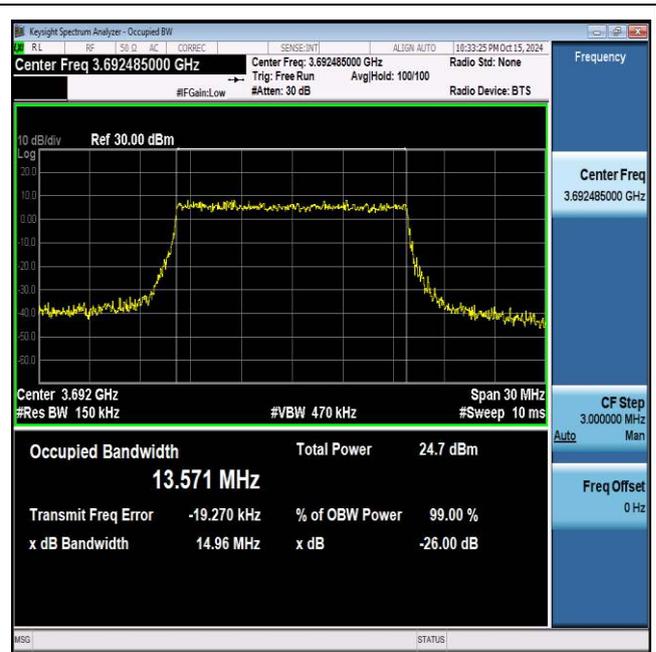| NTNV_N48_PC3_30_15_M_TID1_Ant1#1	NTNV_N48_PC3_30_15_M_TID2_Ant1#1
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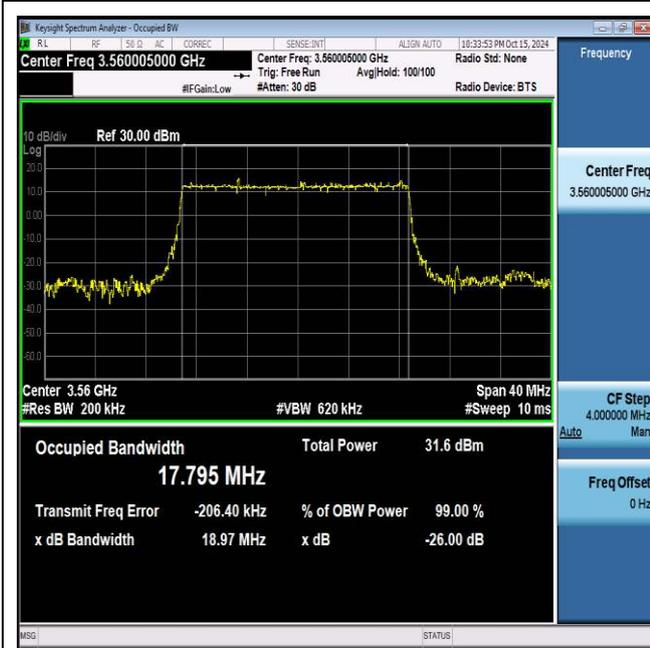

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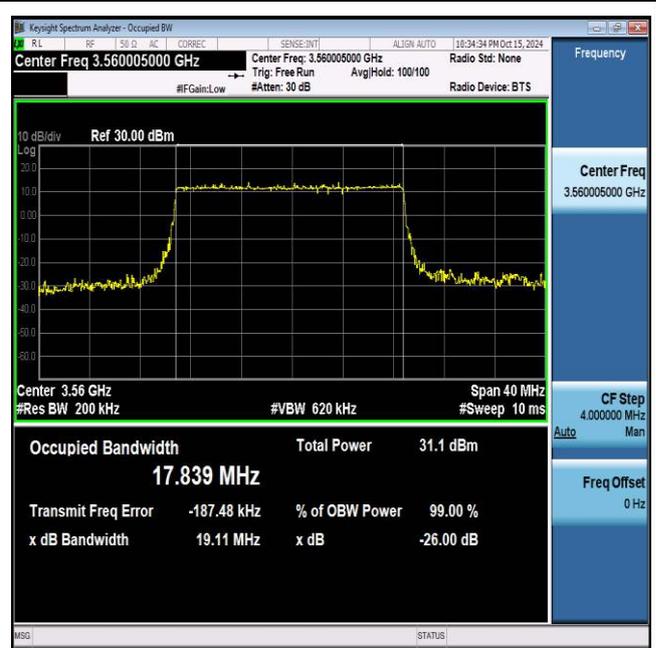NTNV_N48_PC3_30_15_M_TID7_Ant1#1

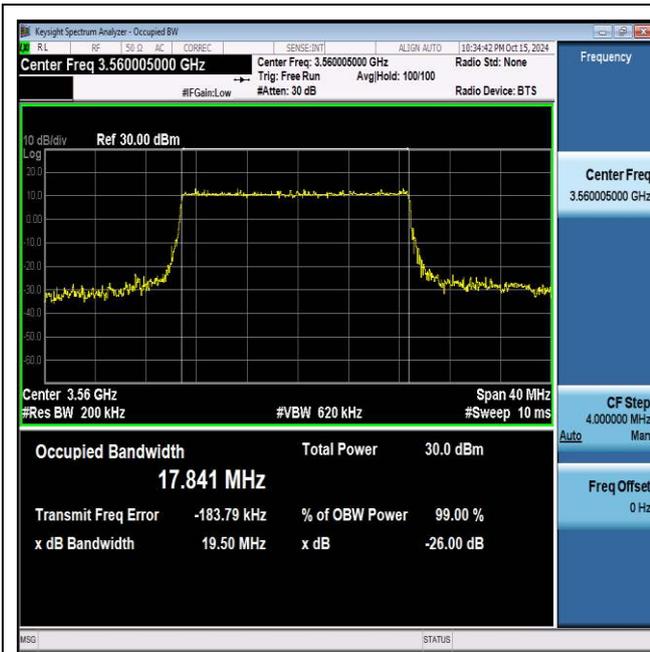NTNV_N48_PC3_30_15_M_TID8_Ant1#1
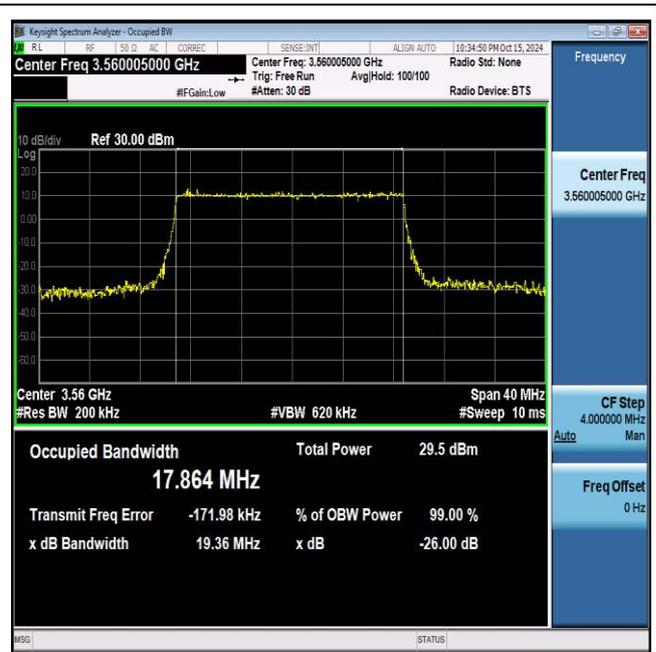
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NTNV_N48_PC3_30_15_H_TID5_Ant1#1

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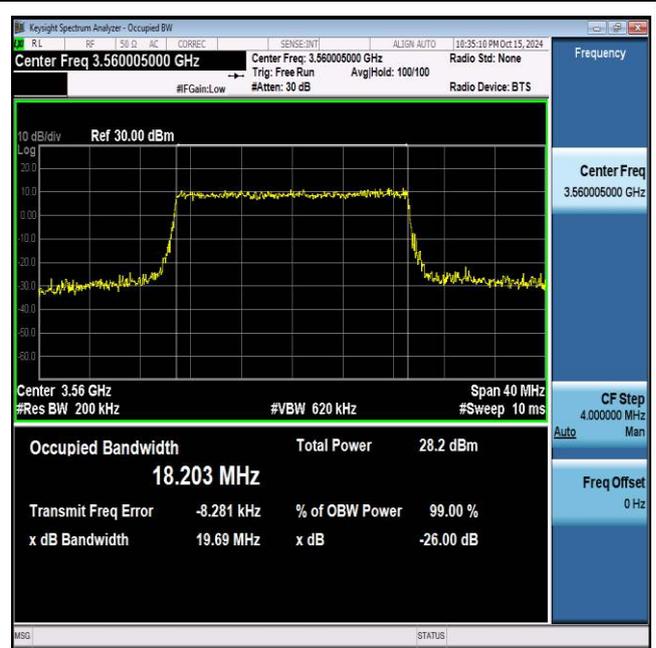|	
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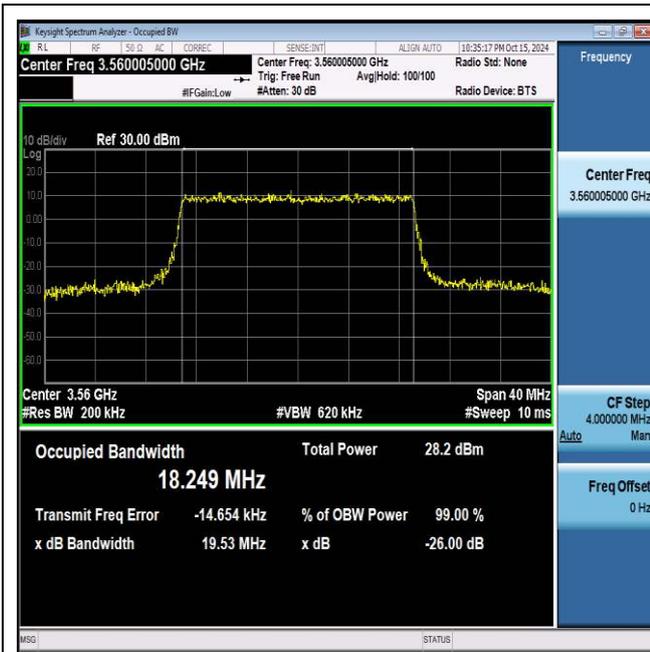NTNV_N48_PC3_30_20_L_TID3_Ant1#1
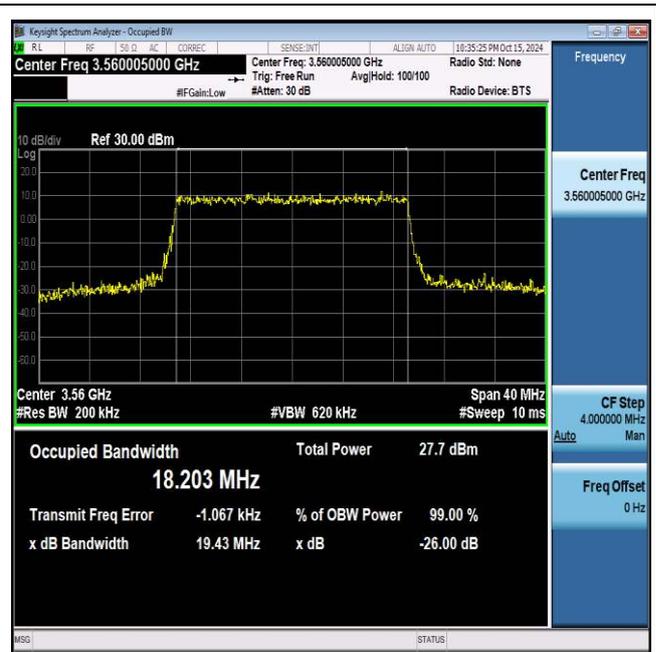

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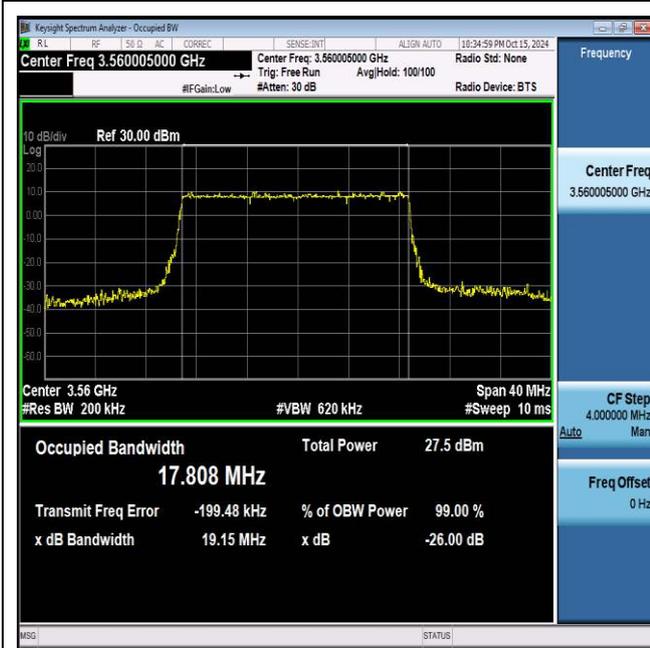
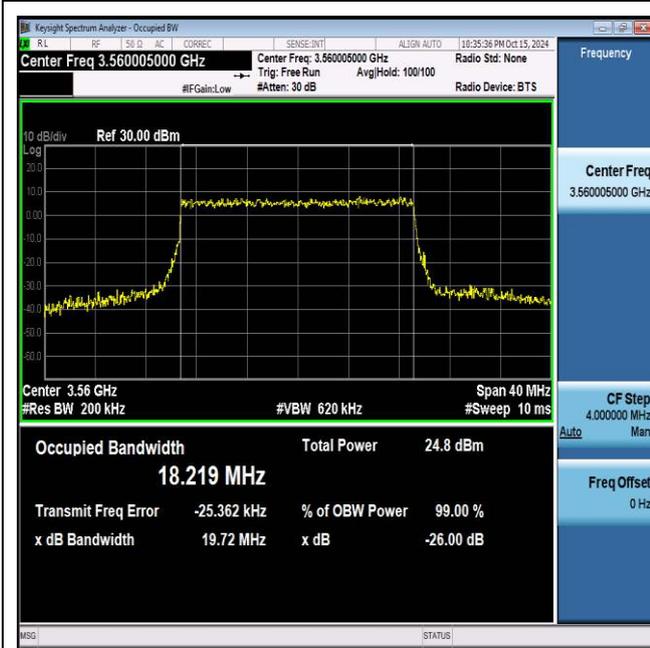NTNV_N48_PC3_30_20_L_TID5_Ant1#1

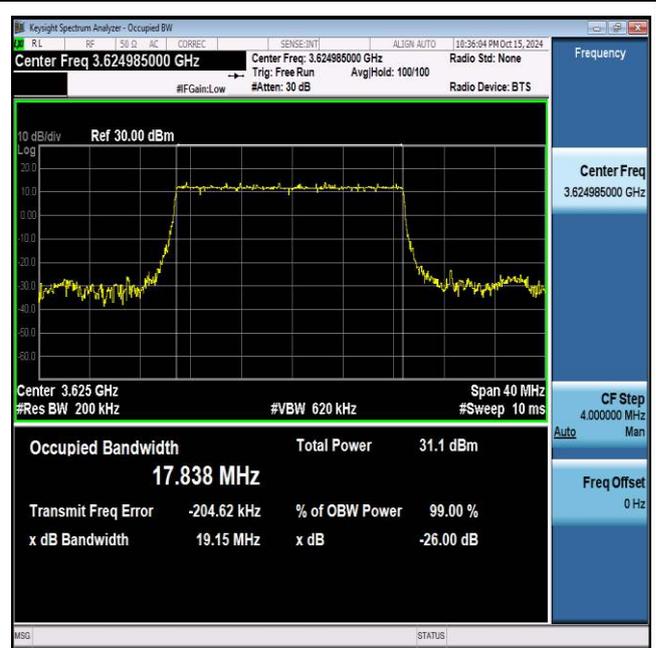NTNV_N48_PC3_30_20_L_TID6_Ant1#1

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NTNV_N48_PC3_30_20_L_TID9_Ant1#1

NTNV_N48_PC3_30_20_M_TID1_Ant1#1