



**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

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# Appendix B.27

## NR Band n38



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SGS-CSTC Standards Technical Services Co., Ltd.  
 Shenzhen Branch  
 Wireless Laboratory

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

ANT0

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N38	30	10	DFT-QPSK	L	1@1	24.40	24.50	33	PASS
N38	30	10	DFT-QPSK	L	1@22	24.42	24.52	33	PASS
N38	30	10	DFT-QPSK	L	24@0	24.00	24.10	33	PASS
N38	30	10	DFT-16QAM	L	1@1	24.24	24.34	33	PASS
N38	30	10	DFT-16QAM	L	1@22	24.25	24.35	33	PASS
N38	30	10	DFT-16QAM	L	24@0	23.59	23.69	33	PASS
N38	30	10	DFT-64QAM	L	1@1	23.29	23.39	33	PASS
N38	30	10	DFT-64QAM	L	1@22	23.31	23.41	33	PASS
N38	30	10	DFT-64QAM	L	24@0	23.12	23.22	33	PASS
N38	30	10	DFT-256QAM	L	1@1	21.27	21.37	33	PASS
N38	30	10	DFT-256QAM	L	1@22	21.25	21.35	33	PASS
N38	30	10	DFT-256QAM	L	24@0	21.49	21.59	33	PASS
N38	30	10	DFT-QPSK	M	1@1	24.52	24.62	33	PASS
N38	30	10	DFT-QPSK	M	1@22	24.62	24.72	33	PASS
N38	30	10	DFT-QPSK	M	24@0	24.15	24.25	33	PASS
N38	30	10	DFT-16QAM	M	1@1	24.33	24.43	33	PASS
N38	30	10	DFT-16QAM	M	1@22	24.42	24.52	33	PASS
N38	30	10	DFT-16QAM	M	24@0	23.65	23.75	33	PASS
N38	30	10	DFT-64QAM	M	1@1	23.25	23.35	33	PASS
N38	30	10	DFT-64QAM	M	1@22	23.36	23.46	33	PASS
N38	30	10	DFT-64QAM	M	24@0	23.19	23.29	33	PASS
N38	30	10	DFT-256QAM	M	1@1	21.39	21.49	33	PASS
N38	30	10	DFT-256QAM	M	1@22	21.44	21.54	33	PASS
N38	30	10	DFT-256QAM	M	24@0	21.57	21.67	33	PASS
N38	30	10	DFT-QPSK	H	1@1	24.54	24.64	33	PASS
N38	30	10	DFT-QPSK	H	1@22	24.56	24.66	33	PASS
N38	30	10	DFT-QPSK	H	24@0	24.17	24.27	33	PASS
N38	30	10	DFT-16QAM	H	1@1	24.37	24.47	33	PASS
N38	30	10	DFT-16QAM	H	1@22	24.34	24.44	33	PASS
N38	30	10	DFT-16QAM	H	24@0	23.65	23.75	33	PASS



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N38	30	10	DFT-64QAM	H	1@1	23.22	23.32	33	PASS
N38	30	10	DFT-64QAM	H	1@22	23.29	23.39	33	PASS
N38	30	10	DFT-64QAM	H	24@0	23.24	23.34	33	PASS
N38	30	10	DFT-256QAM	H	1@1	21.36	21.46	33	PASS
N38	30	10	DFT-256QAM	H	1@22	21.45	21.55	33	PASS
N38	30	10	DFT-256QAM	H	24@0	21.64	21.74	33	PASS
N38	30	15	DFT-QPSK	L	1@1	24.46	24.56	33	PASS
N38	30	15	DFT-QPSK	L	1@36	24.55	24.65	33	PASS
N38	30	15	DFT-QPSK	L	36@0	24.06	24.16	33	PASS
N38	30	15	DFT-16QAM	L	1@1	24.23	24.33	33	PASS
N38	30	15	DFT-16QAM	L	1@36	24.28	24.38	33	PASS
N38	30	15	DFT-16QAM	L	36@0	23.53	23.63	33	PASS
N38	30	15	DFT-64QAM	L	1@1	23.23	23.33	33	PASS
N38	30	15	DFT-64QAM	L	1@36	23.41	23.51	33	PASS
N38	30	15	DFT-64QAM	L	36@0	23.16	23.26	33	PASS
N38	30	15	DFT-256QAM	L	1@1	21.29	21.39	33	PASS
N38	30	15	DFT-256QAM	L	1@36	21.35	21.45	33	PASS
N38	30	15	DFT-256QAM	L	36@0	21.48	21.58	33	PASS
N38	30	15	DFT-QPSK	M	1@1	24.43	24.53	33	PASS
N38	30	15	DFT-QPSK	M	1@36	24.58	24.68	33	PASS
N38	30	15	DFT-QPSK	M	36@0	24.05	24.15	33	PASS
N38	30	15	DFT-16QAM	M	1@1	24.23	24.33	33	PASS
N38	30	15	DFT-16QAM	M	1@36	24.34	24.44	33	PASS
N38	30	15	DFT-16QAM	M	36@0	23.58	23.68	33	PASS
N38	30	15	DFT-64QAM	M	1@1	23.19	23.29	33	PASS
N38	30	15	DFT-64QAM	M	1@36	23.41	23.51	33	PASS
N38	30	15	DFT-64QAM	M	36@0	23.15	23.25	33	PASS
N38	30	15	DFT-256QAM	M	1@1	21.24	21.34	33	PASS
N38	30	15	DFT-256QAM	M	1@36	21.43	21.53	33	PASS
N38	30	15	DFT-256QAM	M	36@0	21.58	21.68	33	PASS
N38	30	15	DFT-QPSK	H	1@1	24.70	24.80	33	PASS
N38	30	15	DFT-QPSK	H	1@36	24.64	24.74	33	PASS
N38	30	15	DFT-QPSK	H	36@0	24.25	24.35	33	PASS
N38	30	15	DFT-16QAM	H	1@1	24.38	24.48	33	PASS
N38	30	15	DFT-16QAM	H	1@36	24.46	24.56	33	PASS
N38	30	15	DFT-16QAM	H	36@0	23.78	23.88	33	PASS



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N38	30	15	DFT-64QAM	H	1@1	23.46	23.56	33	PASS
N38	30	15	DFT-64QAM	H	1@36	23.38	23.48	33	PASS
N38	30	15	DFT-64QAM	H	36@0	23.31	23.41	33	PASS
N38	30	15	DFT-256QAM	H	1@1	21.52	21.62	33	PASS
N38	30	15	DFT-256QAM	H	1@36	21.56	21.66	33	PASS
N38	30	15	DFT-256QAM	H	36@0	21.74	21.84	33	PASS
N38	30	20	DFT-QPSK	L	1@1	24.52	24.62	33	PASS
N38	30	20	DFT-QPSK	L	1@49	24.58	24.68	33	PASS
N38	30	20	DFT-QPSK	L	50@0	24.15	24.25	33	PASS
N38	30	20	DFT-16QAM	L	1@1	24.31	24.41	33	PASS
N38	30	20	DFT-16QAM	L	1@49	24.39	24.49	33	PASS
N38	30	20	DFT-16QAM	L	50@0	23.60	23.70	33	PASS
N38	30	20	DFT-64QAM	L	1@1	23.40	23.50	33	PASS
N38	30	20	DFT-64QAM	L	1@49	23.36	23.46	33	PASS
N38	30	20	DFT-64QAM	L	50@0	23.14	23.24	33	PASS
N38	30	20	DFT-256QAM	L	1@1	21.32	21.42	33	PASS
N38	30	20	DFT-256QAM	L	1@49	21.37	21.47	33	PASS
N38	30	20	DFT-256QAM	L	50@0	21.56	21.66	33	PASS
N38	30	20	DFT-QPSK	M	1@1	24.39	24.49	33	PASS
N38	30	20	DFT-QPSK	M	1@49	24.53	24.63	33	PASS
N38	30	20	DFT-QPSK	M	50@0	24.12	24.22	33	PASS
N38	30	20	DFT-16QAM	M	1@1	24.12	24.22	33	PASS
N38	30	20	DFT-16QAM	M	1@49	24.32	24.42	33	PASS
N38	30	20	DFT-16QAM	M	50@0	23.58	23.68	33	PASS
N38	30	20	DFT-64QAM	M	1@1	23.19	23.29	33	PASS
N38	30	20	DFT-64QAM	M	1@49	23.42	23.52	33	PASS
N38	30	20	DFT-64QAM	M	50@0	23.14	23.24	33	PASS
N38	30	20	DFT-256QAM	M	1@1	21.19	21.29	33	PASS
N38	30	20	DFT-256QAM	M	1@49	21.34	21.44	33	PASS
N38	30	20	DFT-256QAM	M	50@0	21.53	21.63	33	PASS
N38	30	20	DFT-QPSK	H	1@1	24.65	24.75	33	PASS
N38	30	20	DFT-QPSK	H	1@49	24.65	24.75	33	PASS
N38	30	20	DFT-QPSK	H	50@0	24.26	24.36	33	PASS
N38	30	20	DFT-16QAM	H	1@1	24.38	24.48	33	PASS
N38	30	20	DFT-16QAM	H	1@49	24.39	24.49	33	PASS
N38	30	20	DFT-16QAM	H	50@0	23.73	23.83	33	PASS



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N38	30	20	DFT-64QAM	H	1@1	23.42	23.52	33	PASS
N38	30	20	DFT-64QAM	H	1@49	23.46	23.56	33	PASS
N38	30	20	DFT-64QAM	H	50@0	23.24	23.34	33	PASS
N38	30	20	DFT-256QAM	H	1@1	21.47	21.57	33	PASS
N38	30	20	DFT-256QAM	H	1@49	21.55	21.65	33	PASS
N38	30	20	DFT-256QAM	H	50@0	21.70	21.80	33	PASS
N38	30	30	DFT-QPSK	L	1@1	24.43	24.53	33	PASS
N38	30	30	DFT-QPSK	L	1@76	24.69	24.79	33	PASS
N38	30	30	DFT-QPSK	L	75@0	24.10	24.20	33	PASS
N38	30	30	DFT-16QAM	L	1@1	24.24	24.34	33	PASS
N38	30	30	DFT-16QAM	L	1@76	24.43	24.53	33	PASS
N38	30	30	DFT-16QAM	L	75@0	23.58	23.68	33	PASS
N38	30	30	DFT-64QAM	L	1@1	23.15	23.25	33	PASS
N38	30	30	DFT-64QAM	L	1@76	23.51	23.61	33	PASS
N38	30	30	DFT-64QAM	L	75@0	23.14	23.24	33	PASS
N38	30	30	DFT-256QAM	L	1@1	21.23	21.33	33	PASS
N38	30	30	DFT-256QAM	L	1@76	21.44	21.54	33	PASS
N38	30	30	DFT-256QAM	L	75@0	21.60	21.70	33	PASS
N38	30	30	DFT-QPSK	M	1@1	24.38	24.48	33	PASS
N38	30	30	DFT-QPSK	M	1@76	24.61	24.71	33	PASS
N38	30	30	DFT-QPSK	M	75@0	24.12	24.22	33	PASS
N38	30	30	DFT-16QAM	M	1@1	24.19	24.29	33	PASS
N38	30	30	DFT-16QAM	M	1@76	24.39	24.49	33	PASS
N38	30	30	DFT-16QAM	M	75@0	23.64	23.74	33	PASS
N38	30	30	DFT-64QAM	M	1@1	23.17	23.27	33	PASS
N38	30	30	DFT-64QAM	M	1@76	23.36	23.46	33	PASS
N38	30	30	DFT-64QAM	M	75@0	23.21	23.31	33	PASS
N38	30	30	DFT-256QAM	M	1@1	21.23	21.33	33	PASS
N38	30	30	DFT-256QAM	M	1@76	21.43	21.53	33	PASS
N38	30	30	DFT-256QAM	M	75@0	21.60	21.70	33	PASS
N38	30	30	DFT-QPSK	H	1@1	24.63	24.73	33	PASS
N38	30	30	DFT-QPSK	H	1@76	24.65	24.75	33	PASS
N38	30	30	DFT-QPSK	H	75@0	24.17	24.27	33	PASS
N38	30	30	DFT-16QAM	H	1@1	24.44	24.54	33	PASS
N38	30	30	DFT-16QAM	H	1@76	24.39	24.49	33	PASS
N38	30	30	DFT-16QAM	H	75@0	23.69	23.79	33	PASS



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N38	30	30	DFT-64QAM	H	1@1	23.45	23.55	33	PASS
N38	30	30	DFT-64QAM	H	1@76	23.45	23.55	33	PASS
N38	30	30	DFT-64QAM	H	75@0	23.27	23.37	33	PASS
N38	30	30	DFT-256QAM	H	1@1	21.42	21.52	33	PASS
N38	30	30	DFT-256QAM	H	1@76	21.51	21.61	33	PASS
N38	30	30	DFT-256QAM	H	75@0	21.68	21.78	33	PASS
N38	30	40	DFT-QPSK	L	1@1	24.52	24.62	33	PASS
N38	30	40	DFT-QPSK	L	1@104	24.67	24.77	33	PASS
N38	30	40	DFT-QPSK	L	100@0	24.22	24.32	33	PASS
N38	30	40	DFT-16QAM	L	1@1	24.25	24.35	33	PASS
N38	30	40	DFT-16QAM	L	1@104	24.40	24.50	33	PASS
N38	30	40	DFT-16QAM	L	100@0	23.68	23.78	33	PASS
N38	30	40	DFT-64QAM	L	1@1	23.36	23.46	33	PASS
N38	30	40	DFT-64QAM	L	1@104	23.52	23.62	33	PASS
N38	30	40	DFT-64QAM	L	100@0	23.26	23.36	33	PASS
N38	30	40	DFT-256QAM	L	1@1	21.31	21.41	33	PASS
N38	30	40	DFT-256QAM	L	1@104	21.48	21.58	33	PASS
N38	30	40	DFT-256QAM	L	100@0	21.66	21.76	33	PASS
N38	30	40	DFT-QPSK	M	1@1	24.40	24.50	33	PASS
N38	30	40	DFT-QPSK	M	1@104	24.69	24.79	33	PASS
N38	30	40	DFT-QPSK	M	100@0	24.12	24.22	33	PASS
N38	30	40	DFT-16QAM	M	1@1	24.12	24.22	33	PASS
N38	30	40	DFT-16QAM	M	1@104	24.43	24.53	33	PASS
N38	30	40	DFT-16QAM	M	100@0	23.61	23.71	33	PASS
N38	30	40	DFT-64QAM	M	1@1	23.21	23.31	33	PASS
N38	30	40	DFT-64QAM	M	1@104	23.52	23.62	33	PASS
N38	30	40	DFT-64QAM	M	100@0	23.16	23.26	33	PASS
N38	30	40	DFT-256QAM	M	1@1	21.19	21.29	33	PASS
N38	30	40	DFT-256QAM	M	1@104	21.52	21.62	33	PASS
N38	30	40	DFT-256QAM	M	100@0	21.62	21.72	33	PASS
N38	30	40	DFT-QPSK	H	1@1	24.47	24.57	33	PASS
N38	30	40	DFT-QPSK	H	1@104	24.69	24.79	33	PASS
N38	30	40	DFT-QPSK	H	100@0	24.23	24.33	33	PASS
N38	30	40	DFT-16QAM	H	1@1	24.20	24.30	33	PASS
N38	30	40	DFT-16QAM	H	1@104	24.49	24.59	33	PASS
N38	30	40	DFT-16QAM	H	100@0	23.78	23.88	33	PASS



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N38	30	40	DFT-64QAM	H	1@1	23.44	23.54	33	PASS
N38	30	40	DFT-64QAM	H	1@104	23.46	23.56	33	PASS
N38	30	40	DFT-64QAM	H	100@0	23.27	23.37	33	PASS
N38	30	40	DFT-256QAM	H	1@1	21.35	21.45	33	PASS
N38	30	40	DFT-256QAM	H	1@104	21.52	21.62	33	PASS
N38	30	40	DFT-256QAM	H	100@0	21.71	21.81	33	PASS



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**Peak-to-Average Ratio for SA**

**Peak-to-Average Ratio(CCDF)**

**Test Graphs**



1-N38-PC3-30-40-L-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-7.32-PASS



1-N38-PC3-30-40-L-2-NS\_01-CP-256QAM-Outer\_Full-106@0-9.83-PASS



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1-N38-PC3-30-40-M-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-7.40-PASS



1-N38-PC3-30-40-M-2-NS\_01-CP-256QAM-Outer\_Full-106@0-9.76-PASS



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1-N38-PC3-30-40-H-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-7.27-PASS



1-N38-PC3-30-40-H-2-NS\_01-CP-256QAM-Outer\_Full-106@0-9.70-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
N38	30	10	DFT-QPSK	L	24@0	8.5777	8.907	PASS
N38	30	10	DFT-16QAM	L	24@0	8.5646	8.894	PASS
N38	30	10	DFT-64QAM	L	24@0	8.5979	8.858	PASS
N38	30	10	DFT-256QAM	L	24@0	8.5521	8.917	PASS
N38	30	10	CP-QPSK	L	24@0	8.4709	8.899	PASS
N38	30	10	CP-16QAM	L	24@0	8.5705	8.874	PASS
N38	30	10	CP-64QAM	L	24@0	8.5008	8.885	PASS
N38	30	10	CP-256QAM	L	24@0	8.5747	8.901	PASS
N38	30	10	DFT-QPSK	M	24@0	8.5502	8.900	PASS
N38	30	10	DFT-16QAM	M	24@0	8.5747	8.904	PASS
N38	30	10	DFT-64QAM	M	24@0	8.5799	8.890	PASS
N38	30	10	DFT-256QAM	M	24@0	8.6040	8.900	PASS
N38	30	10	CP-QPSK	M	24@0	8.4594	8.902	PASS
N38	30	10	CP-16QAM	M	24@0	8.5966	8.883	PASS
N38	30	10	CP-64QAM	M	24@0	8.5140	8.906	PASS
N38	30	10	CP-256QAM	M	24@0	8.6016	8.880	PASS
N38	30	10	DFT-QPSK	H	24@0	8.5563	8.904	PASS
N38	30	10	DFT-16QAM	H	24@0	8.5617	8.901	PASS
N38	30	10	DFT-64QAM	H	24@0	8.5852	8.880	PASS
N38	30	10	DFT-256QAM	H	24@0	8.5866	8.916	PASS
N38	30	10	CP-QPSK	H	24@0	8.4694	8.901	PASS
N38	30	10	CP-16QAM	H	24@0	8.5955	8.872	PASS
N38	30	10	CP-64QAM	H	24@0	8.4971	8.883	PASS
N38	30	10	CP-256QAM	H	24@0	8.5759	8.900	PASS
N38	30	15	DFT-QPSK	L	36@0	12.861	13.31	PASS
N38	30	15	DFT-16QAM	L	36@0	12.702	13.31	PASS
N38	30	15	DFT-64QAM	L	36@0	12.909	13.26	PASS
N38	30	15	DFT-256QAM	L	36@0	12.791	13.27	PASS
N38	30	15	CP-QPSK	L	38@0	13.580	14.10	PASS
N38	30	15	CP-16QAM	L	38@0	13.649	14.09	PASS



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N38	30	15	CP-64QAM	L	38@0	13.669	14.02	PASS
N38	30	15	CP-256QAM	L	38@0	13.549	14.02	PASS
N38	30	15	DFT-QPSK	M	36@0	12.915	13.35	PASS
N38	30	15	DFT-16QAM	M	36@0	12.708	13.30	PASS
N38	30	15	DFT-64QAM	M	36@0	12.912	13.25	PASS
N38	30	15	DFT-256QAM	M	36@0	12.803	13.27	PASS
N38	30	15	CP-QPSK	M	38@0	13.562	14.10	PASS
N38	30	15	CP-16QAM	M	38@0	13.607	14.08	PASS
N38	30	15	CP-64QAM	M	38@0	13.691	14.04	PASS
N38	30	15	CP-256QAM	M	38@0	13.560	14.03	PASS
N38	30	15	DFT-QPSK	H	36@0	12.811	13.34	PASS
N38	30	15	DFT-16QAM	H	36@0	12.687	13.30	PASS
N38	30	15	DFT-64QAM	H	36@0	12.903	13.24	PASS
N38	30	15	DFT-256QAM	H	36@0	12.775	13.24	PASS
N38	30	15	CP-QPSK	H	38@0	13.561	14.08	PASS
N38	30	15	CP-16QAM	H	38@0	13.636	14.09	PASS
N38	30	15	CP-64QAM	H	38@0	13.659	14.03	PASS
N38	30	15	CP-256QAM	H	38@0	13.564	14.05	PASS
N38	30	20	DFT-QPSK	L	50@0	17.868	18.48	PASS
N38	30	20	DFT-16QAM	L	50@0	17.805	18.34	PASS
N38	30	20	DFT-64QAM	L	50@0	17.808	18.46	PASS
N38	30	20	DFT-256QAM	L	50@0	17.778	18.17	PASS
N38	30	20	CP-QPSK	L	51@0	18.199	18.86	PASS
N38	30	20	CP-16QAM	L	51@0	18.055	18.84	PASS
N38	30	20	CP-64QAM	L	51@0	17.723	18.69	PASS
N38	30	20	CP-256QAM	L	51@0	18.168	18.73	PASS
N38	30	20	DFT-QPSK	M	50@0	17.866	18.48	PASS
N38	30	20	DFT-16QAM	M	50@0	17.783	18.34	PASS
N38	30	20	DFT-64QAM	M	50@0	17.821	18.46	PASS
N38	30	20	DFT-256QAM	M	50@0	17.779	18.18	PASS
N38	30	20	CP-QPSK	M	51@0	18.202	18.86	PASS
N38	30	20	CP-16QAM	M	51@0	18.053	18.84	PASS
N38	30	20	CP-64QAM	M	51@0	17.742	18.69	PASS
N38	30	20	CP-256QAM	M	51@0	18.150	18.72	PASS
N38	30	20	DFT-QPSK	H	50@0	17.864	18.48	PASS
N38	30	20	DFT-16QAM	H	50@0	17.799	18.34	PASS



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N38	30	20	DFT-64QAM	H	50@0	17.826	18.46	PASS
N38	30	20	DFT-256QAM	H	50@0	17.785	18.18	PASS
N38	30	20	CP-QPSK	H	51@0	18.188	18.86	PASS
N38	30	20	CP-16QAM	H	51@0	17.973	18.85	PASS
N38	30	20	CP-64QAM	H	51@0	17.803	18.68	PASS
N38	30	20	CP-256QAM	H	51@0	18.161	18.72	PASS
N38	30	30	DFT-QPSK	L	75@0	26.693	27.68	PASS
N38	30	30	DFT-16QAM	L	75@0	26.731	27.57	PASS
N38	30	30	DFT-64QAM	L	75@0	26.730	27.59	PASS
N38	30	30	DFT-256QAM	L	75@0	26.625	27.67	PASS
N38	30	30	CP-QPSK	L	78@0	27.637	28.77	PASS
N38	30	30	CP-16QAM	L	78@0	27.566	28.64	PASS
N38	30	30	CP-64QAM	L	78@0	27.629	28.42	PASS
N38	30	30	CP-256QAM	L	78@0	27.639	28.72	PASS
N38	30	30	DFT-QPSK	M	75@0	26.696	27.69	PASS
N38	30	30	DFT-16QAM	M	75@0	26.743	27.57	PASS
N38	30	30	DFT-64QAM	M	75@0	26.718	27.60	PASS
N38	30	30	DFT-256QAM	M	75@0	26.610	27.68	PASS
N38	30	30	CP-QPSK	M	78@0	27.828	28.74	PASS
N38	30	30	CP-16QAM	M	78@0	27.560	28.64	PASS
N38	30	30	CP-64QAM	M	78@0	27.625	28.42	PASS
N38	30	30	CP-256QAM	M	78@0	27.591	28.71	PASS
N38	30	30	DFT-QPSK	H	75@0	26.769	27.64	PASS
N38	30	30	DFT-16QAM	H	75@0	26.684	27.57	PASS
N38	30	30	DFT-64QAM	H	75@0	26.705	27.59	PASS
N38	30	30	DFT-256QAM	H	75@0	26.607	27.68	PASS
N38	30	30	CP-QPSK	H	78@0	27.825	28.74	PASS
N38	30	30	CP-16QAM	H	78@0	27.567	28.63	PASS
N38	30	30	CP-64QAM	H	78@0	27.622	28.42	PASS
N38	30	30	CP-256QAM	H	78@0	27.584	28.71	PASS
N38	30	40	DFT-QPSK	L	100@0	35.980	38.32	PASS
N38	30	40	DFT-16QAM	L	100@0	35.881	38.15	PASS
N38	30	40	DFT-64QAM	L	100@0	35.969	38.19	PASS
N38	30	40	DFT-256QAM	L	100@0	35.973	38.33	PASS
N38	30	40	CP-QPSK	L	106@0	37.976	40.61	PASS
N38	30	40	CP-16QAM	L	106@0	38.063	40.26	PASS



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N38	30	40	CP-64QAM	L	106@0	37.960	40.32	PASS
N38	30	40	CP-256QAM	L	106@0	38.087	40.51	PASS
N38	30	40	DFT-QPSK	M	100@0	35.974	38.30	PASS
N38	30	40	DFT-16QAM	M	100@0	35.932	38.20	PASS
N38	30	40	DFT-64QAM	M	100@0	36.080	38.32	PASS
N38	30	40	DFT-256QAM	M	100@0	35.890	38.21	PASS
N38	30	40	CP-QPSK	M	106@0	37.922	40.38	PASS
N38	30	40	CP-16QAM	M	106@0	38.263	40.27	PASS
N38	30	40	CP-64QAM	M	106@0	38.060	40.49	PASS
N38	30	40	CP-256QAM	M	106@0	37.940	40.36	PASS
N38	30	40	DFT-QPSK	H	100@0	35.780	38.40	PASS
N38	30	40	DFT-16QAM	H	100@0	35.953	38.33	PASS
N38	30	40	DFT-64QAM	H	100@0	36.108	38.10	PASS
N38	30	40	DFT-256QAM	H	100@0	35.909	38.20	PASS
N38	30	40	CP-QPSK	H	106@0	38.177	40.39	PASS
N38	30	40	CP-16QAM	H	106@0	38.173	40.47	PASS
N38	30	40	CP-64QAM	H	106@0	38.031	40.23	PASS
N38	30	40	CP-256QAM	H	106@0	37.887	40.68	PASS



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**Test Graphs**



1-N38-PC3-30-10-L-1-DFT-QPSK-Outer\_Full-24@0-ANT0-8.5777-8.907-≤10-PASS



1-N38-PC3-30-10-L-3-DFT-16QAM-Outer\_Full-24@0-ANT0-8.5646-8.894-≤10-PASS



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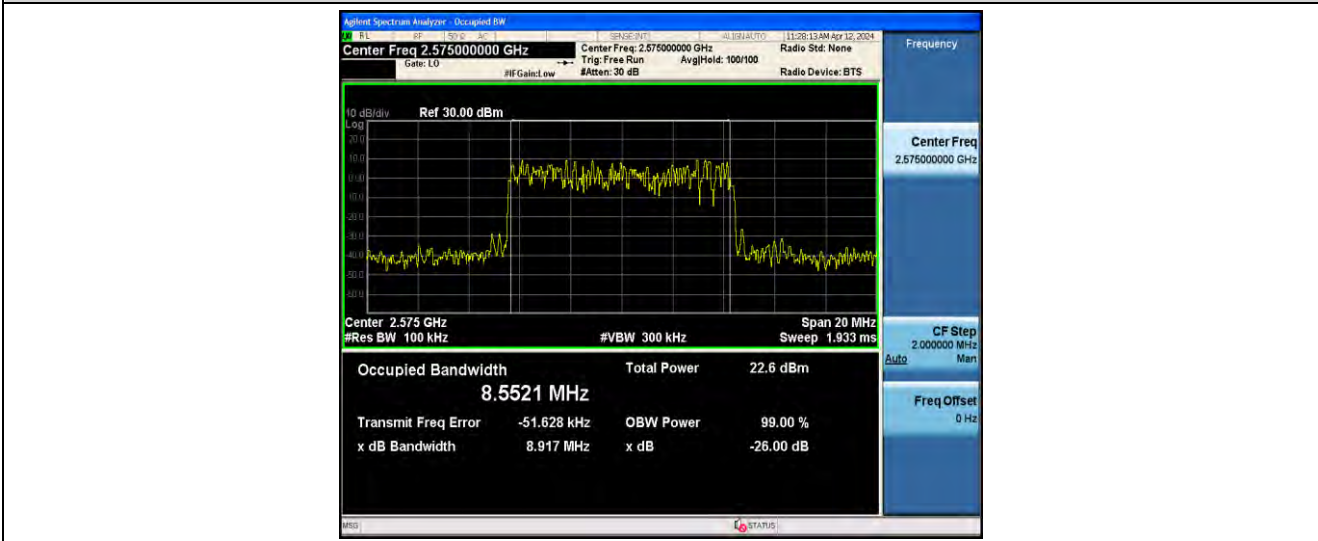
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1-N38-PC3-30-10-L-4-DFT-64QAM-Outer\_Full-24@0-ANT0-8.5979-8.858-≤10-PASS



1-N38-PC3-30-10-L-5-DFT-256QAM-Outer\_Full-24@0-ANT0-8.5521-8.917-≤10-PASS



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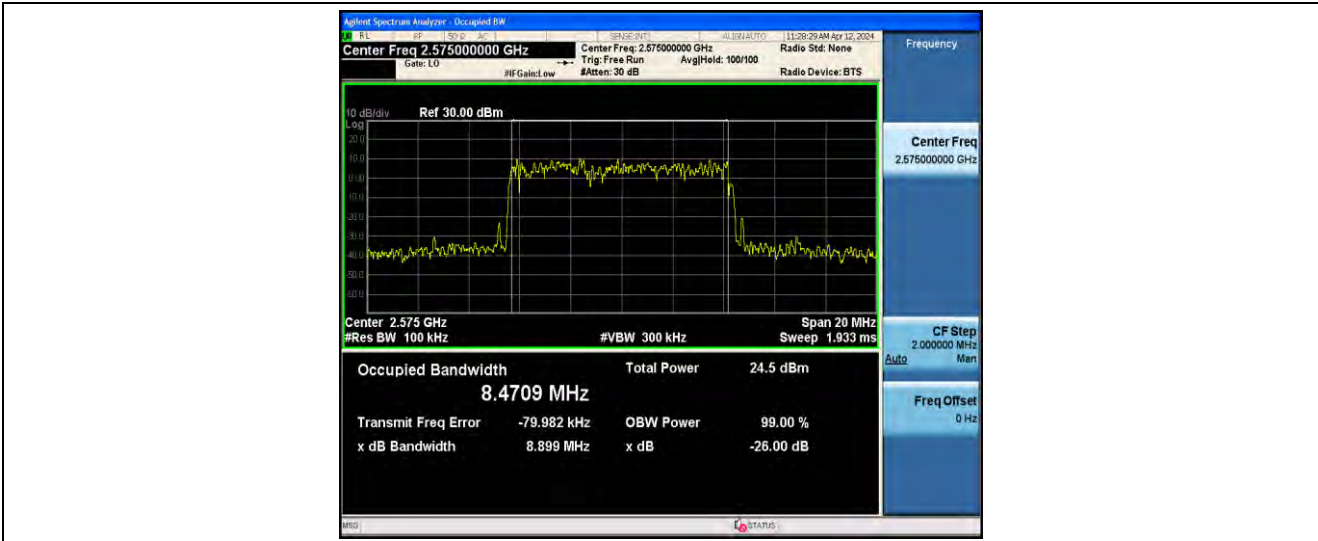
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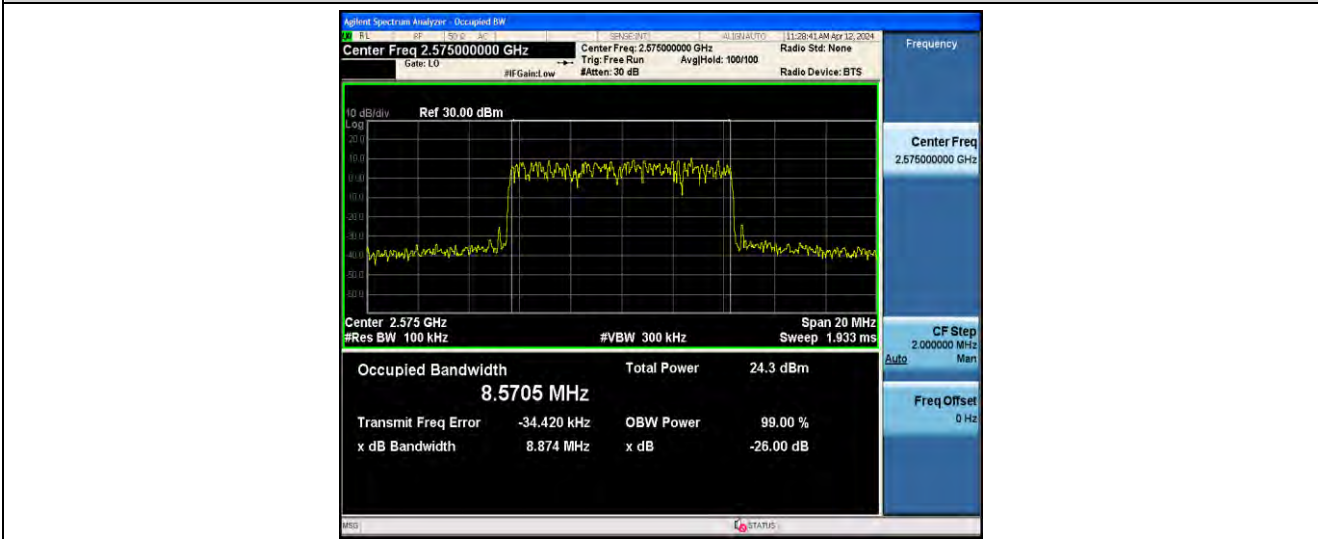


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1-N38-PC3-30-10-L-6-CP-QPSK-Outer\_Full-24@0-ANT0-8.4709-8.899-≤10-PASS



1-N38-PC3-30-10-L-7-CP-16QAM-Outer\_Full-24@0-ANT0-8.5705-8.874-≤10-PASS



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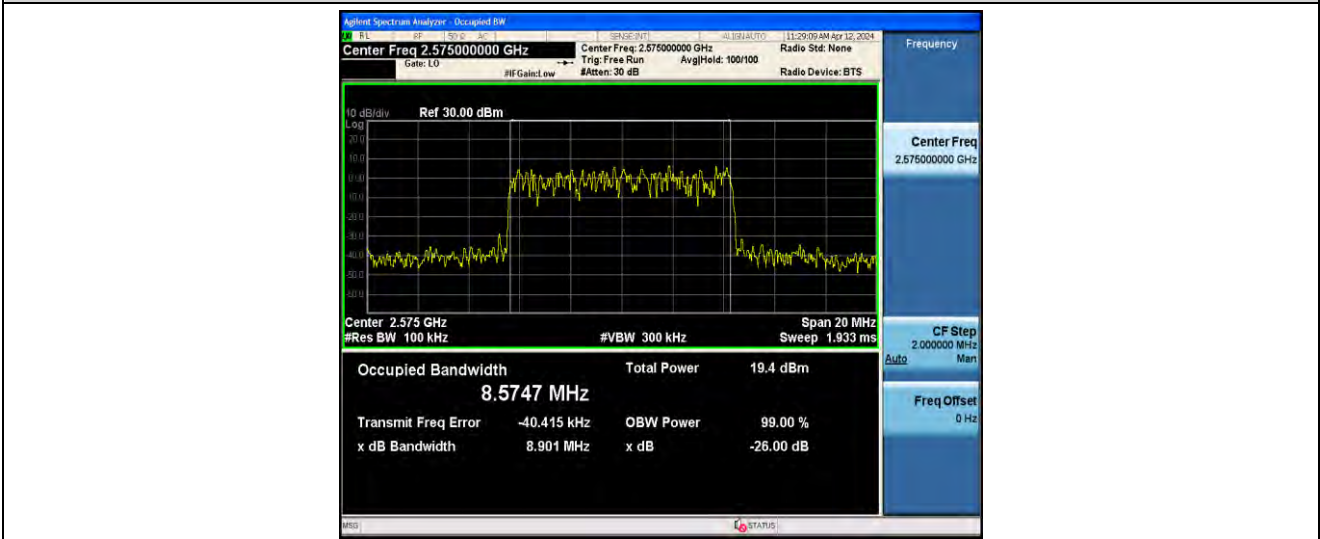


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1-N38-PC3-30-10-L-8-CP-64QAM-Outer\_Full-24@0-ANT0-8.5008-8.885-≤10-PASS



1-N38-PC3-30-10-L-9-CP-256QAM-Outer\_Full-24@0-ANT0-8.5747-8.901-≤10-PASS



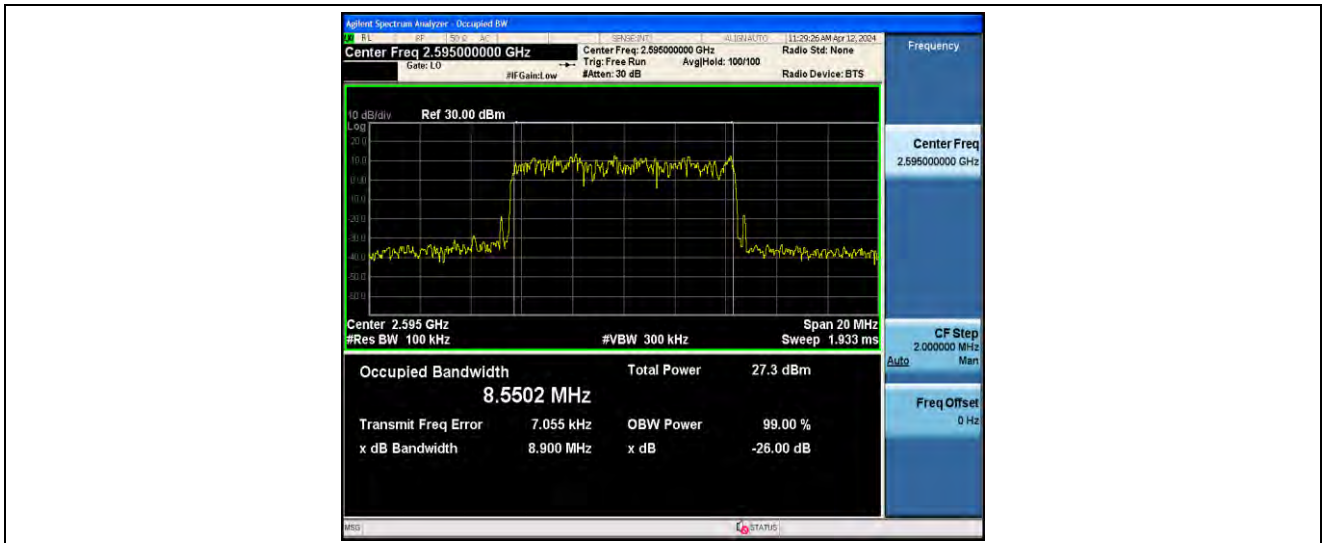
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1-N38-PC3-30-10-M-1-DFT-QPSK-Outer\_Full-24@0-ANT0-8.5502-8.900-≤10-PASS



1-N38-PC3-30-10-M-3-DFT-16QAM-Outer\_Full-24@0-ANT0-8.5747-8.904-≤10-PASS



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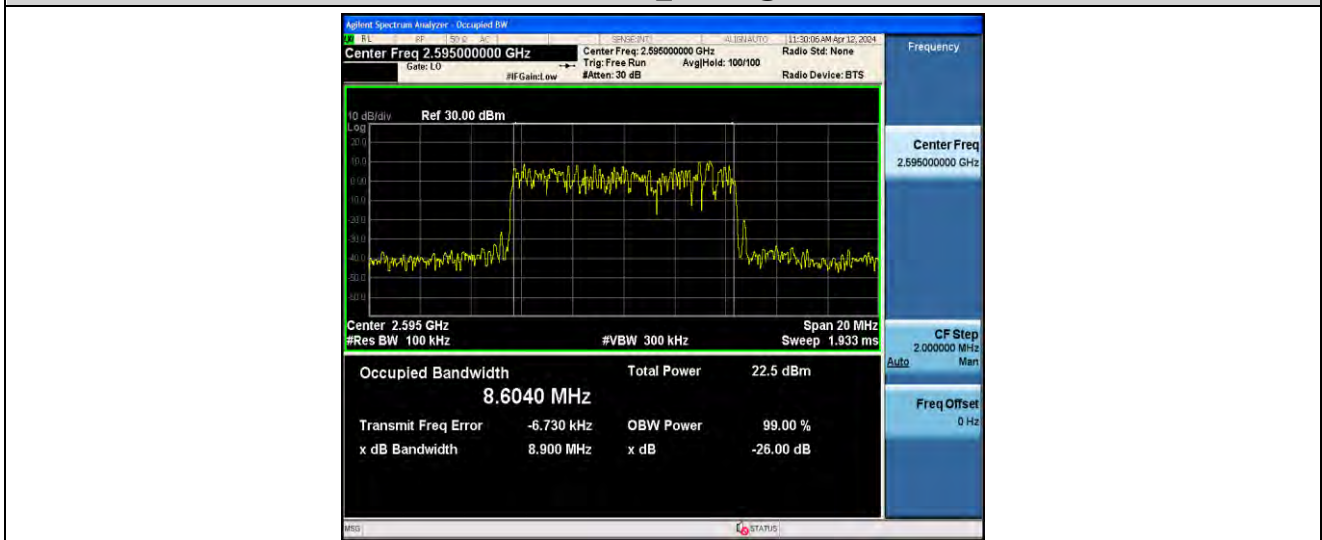


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1-N38-PC3-30-10-M-4-DFT-64QAM-Outer\_Full-24@0-ANT0-8.5799-8.890-≤10-PASS



1-N38-PC3-30-10-M-5-DFT-256QAM-Outer\_Full-24@0-ANT0-8.6040-8.900-≤10-PASS



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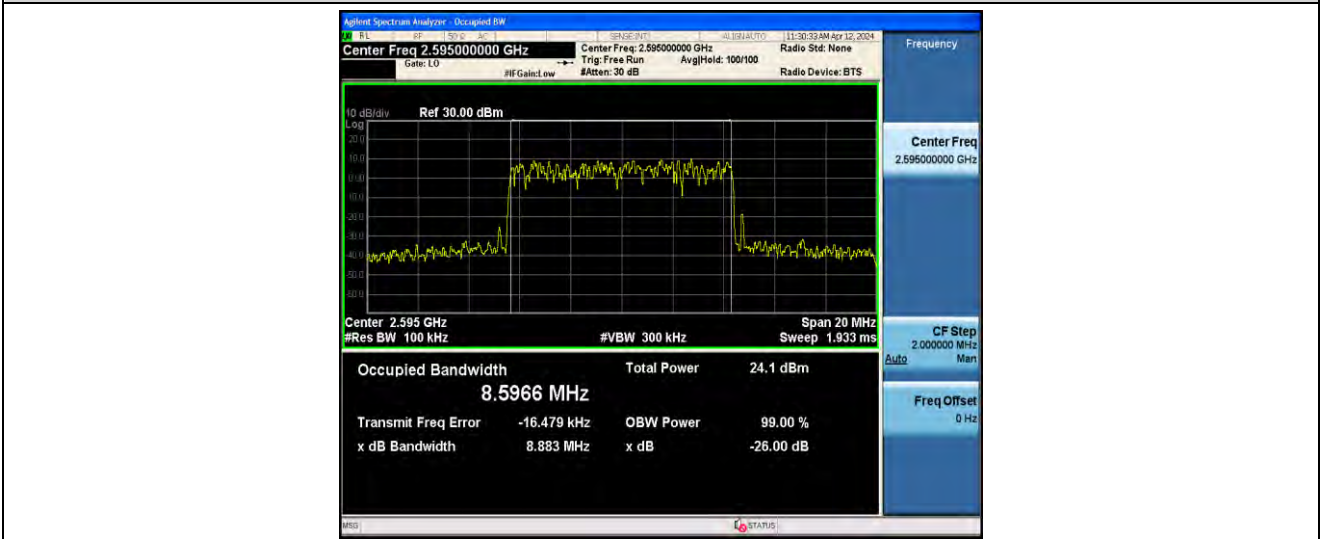


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1-N38-PC3-30-10-M-7-CP-16QAM-Outer\_Full-24@0-ANT0-8.5966-8.883-≤10-PASS



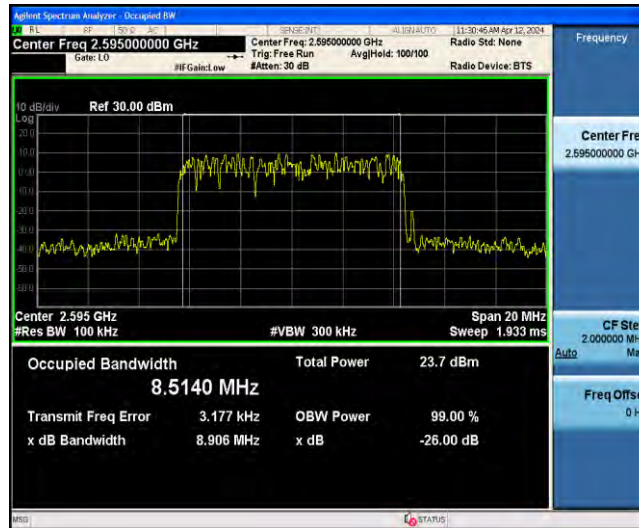
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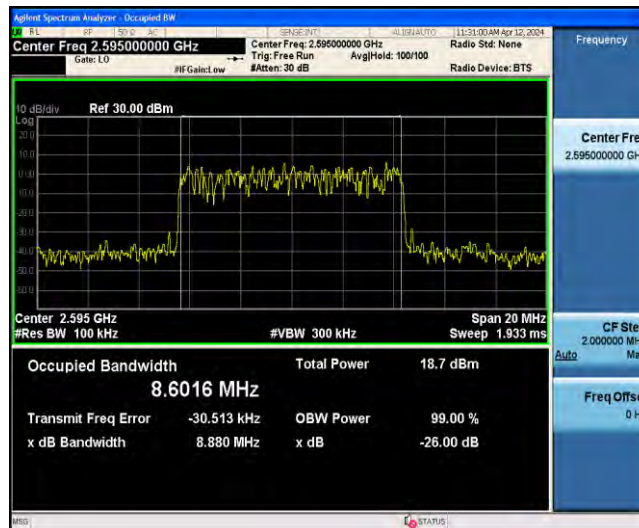


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1-N38-PC3-30-10-M-8-CP-64QAM-Outer\_Full-24@0-ANT0-8.5140-8.906-≤10-PASS



1-N38-PC3-30-10-M-9-CP-256QAM-Outer\_Full-24@0-ANT0-8.6016-8.880-≤10-PASS



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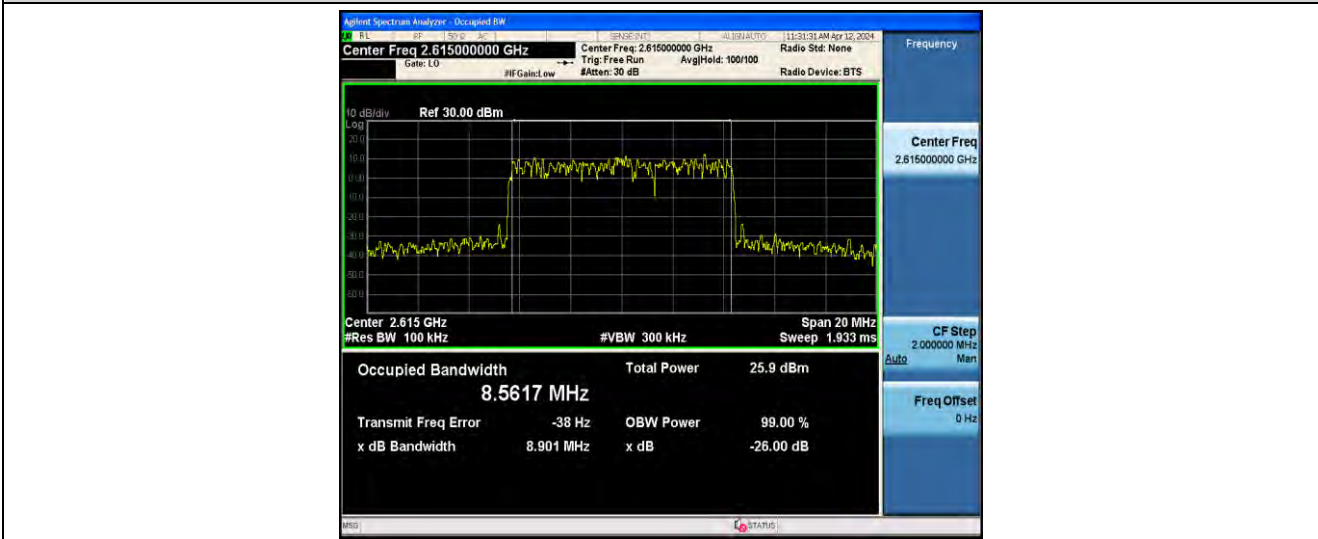


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1-N38-PC3-30-10-H-1-DFT-QPSK-Outer\_Full-24@0-ANT0-8.5563-8.904-≤10-PASS



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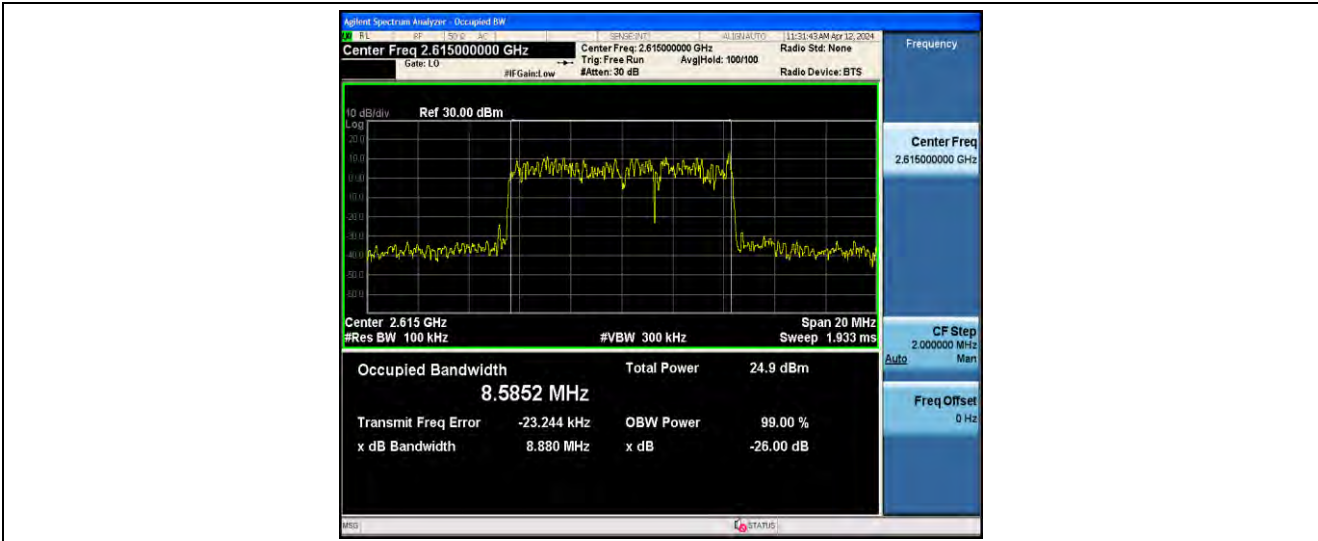
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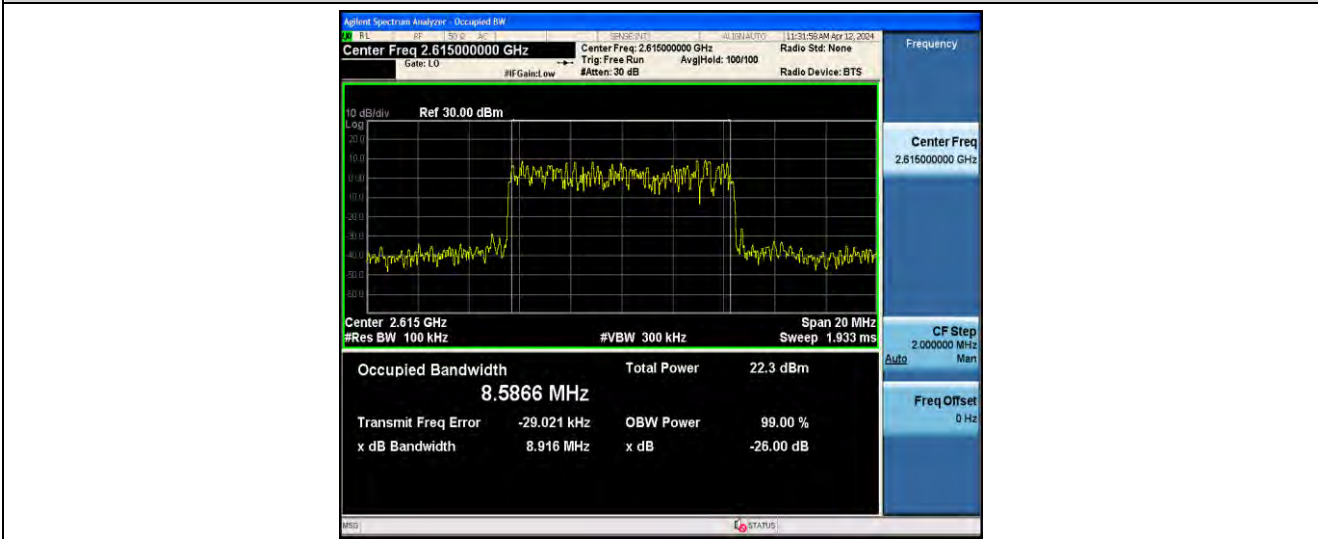


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1-N38-PC3-30-10-H-5-DFT-256QAM-Outer\_Full-24@0-ANT0-8.5866-8.916-≤10-PASS



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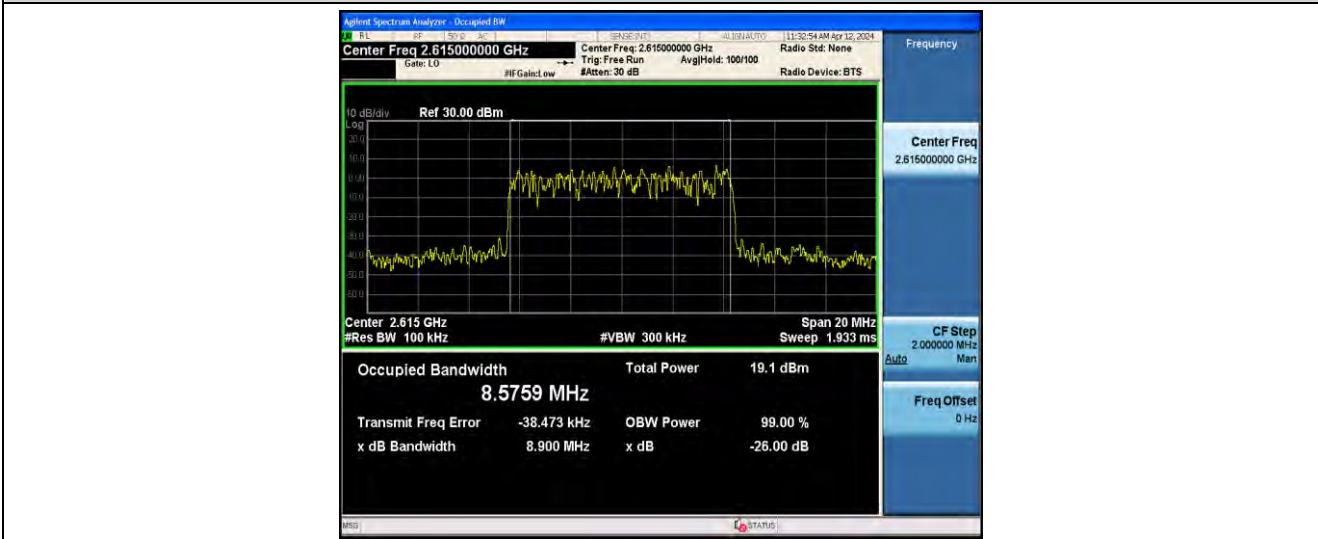


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1-N38-PC3-30-10-H-9-CP-256QAM-Outer\_Full-24@0-ANT0-8.5759-8.900-≤10-PASS



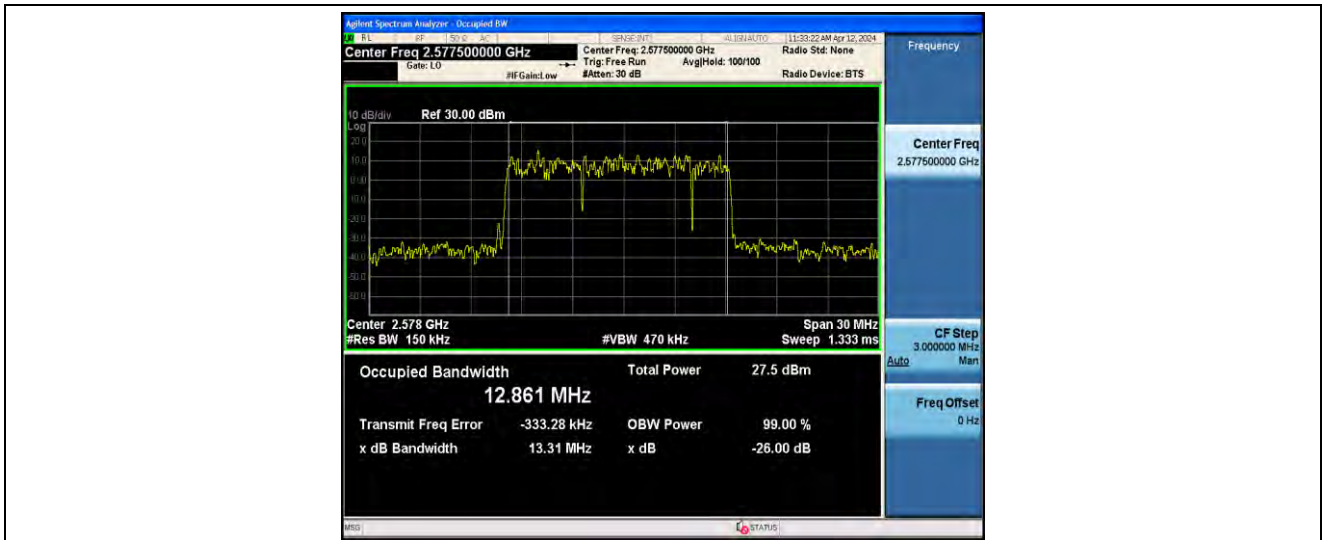
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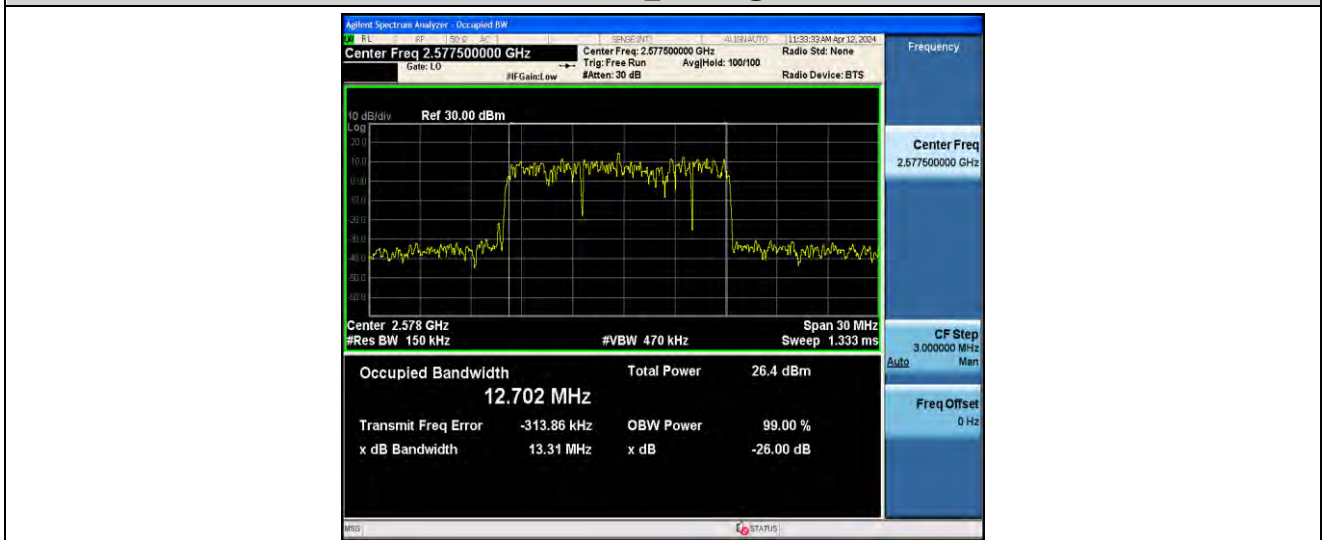


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1-N38-PC3-30-15-L-1-DFT-QPSK-Outer\_Full-36@0-ANT0-12.861-13.31-≤15-PASS



1-N38-PC3-30-15-L-3-DFT-16QAM-Outer\_Full-36@0-ANT0-12.702-13.31-≤15-PASS



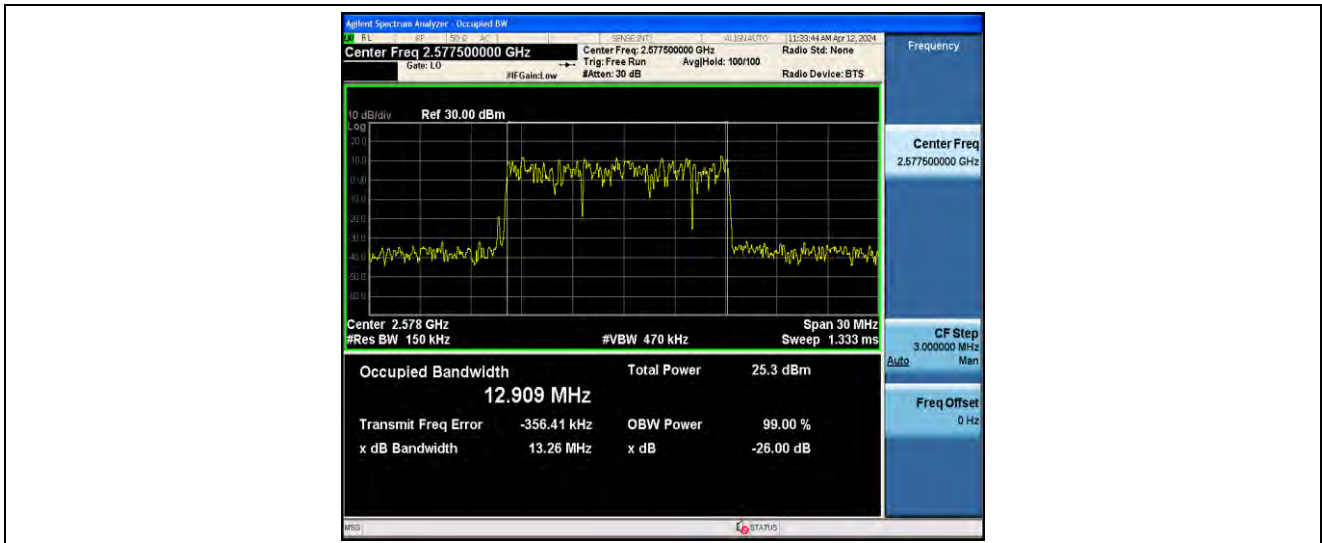
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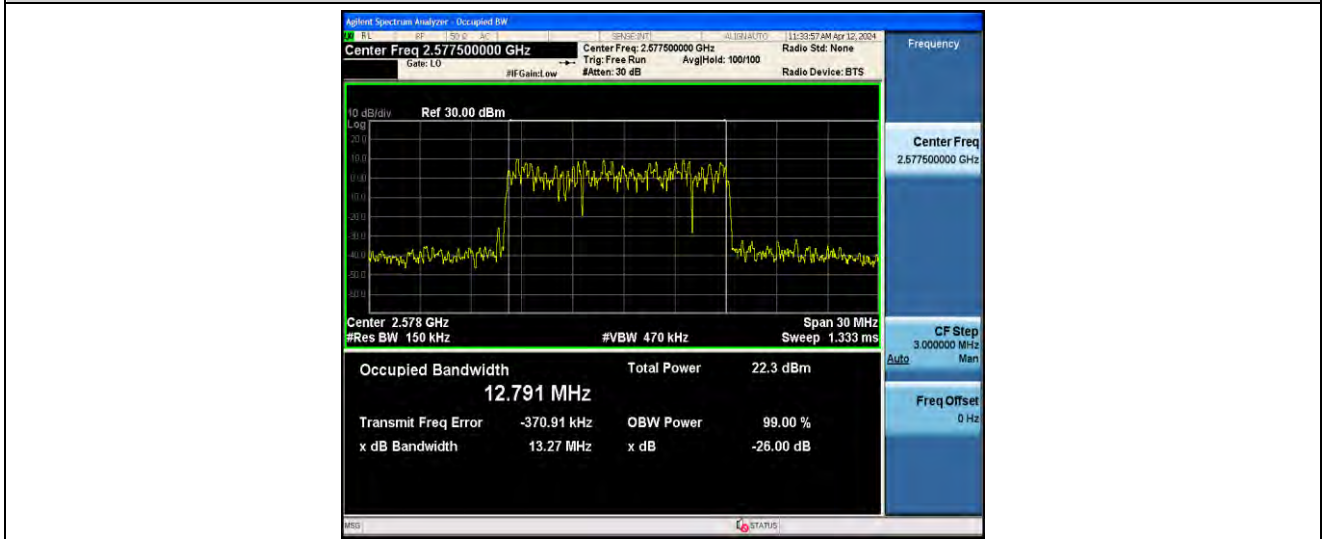


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1-N38-PC3-30-15-L-4-DFT-64QAM-Outer\_Full-36@0-ANT0-12.909-13.26-<=15-PASS



1-N38-PC3-30-15-L-5-DFT-256QAM-Outer\_Full-36@0-ANT0-12.791-13.27-<=15-PASS

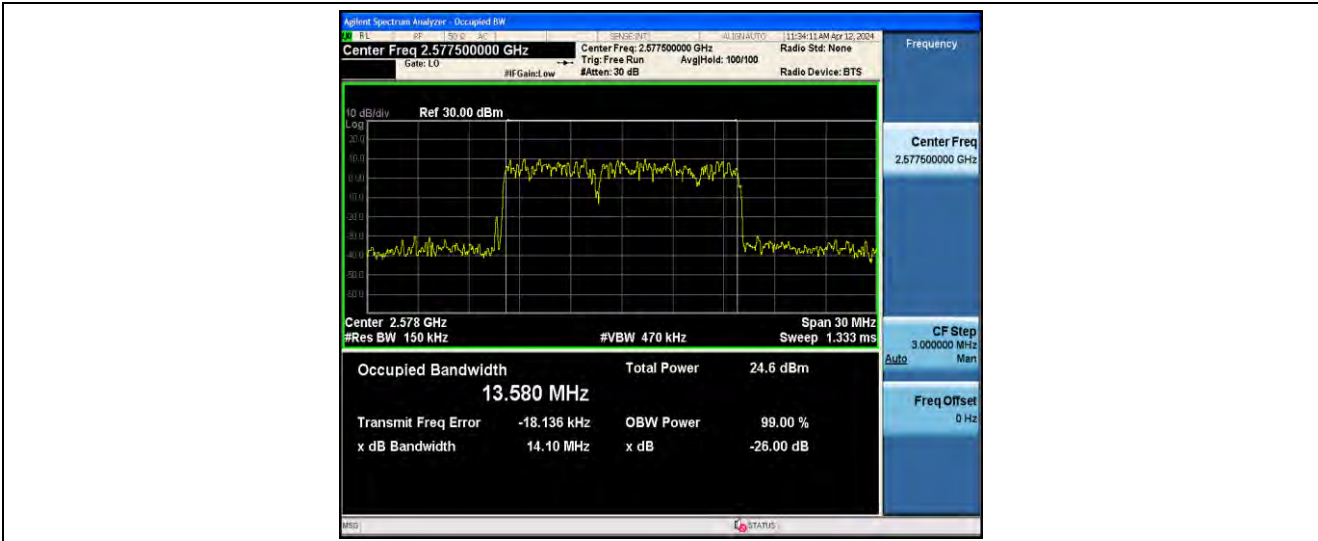


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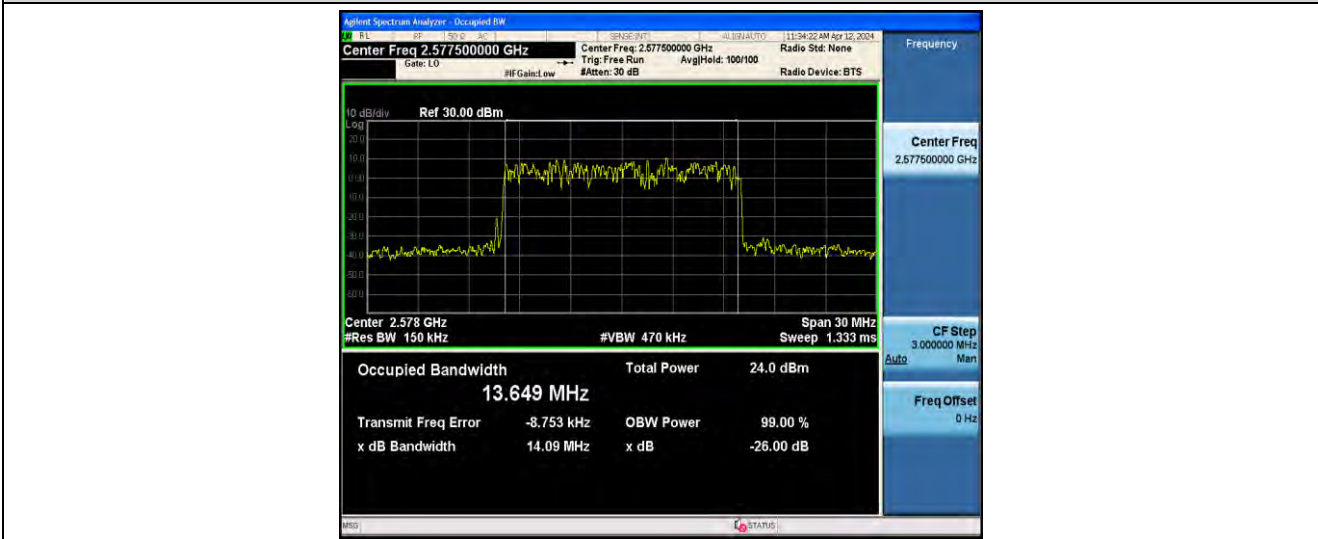


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1-N38-PC3-30-15-L-7-CP-16QAM-Outer\_Full-38@0-ANT0-13.649-14.09-≤15-PASS



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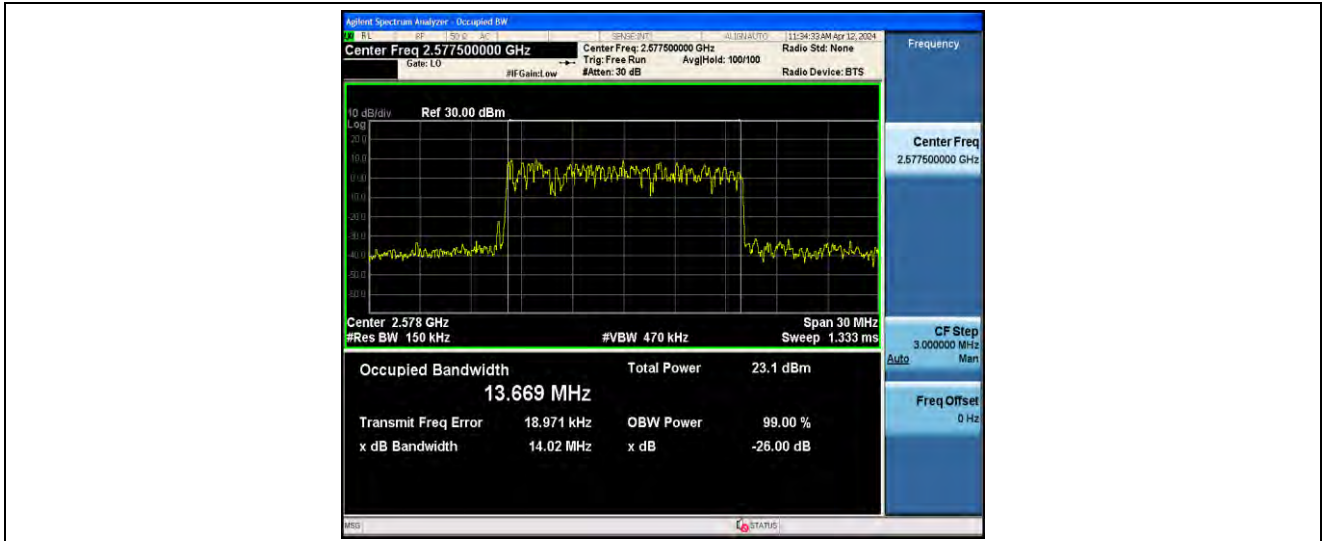
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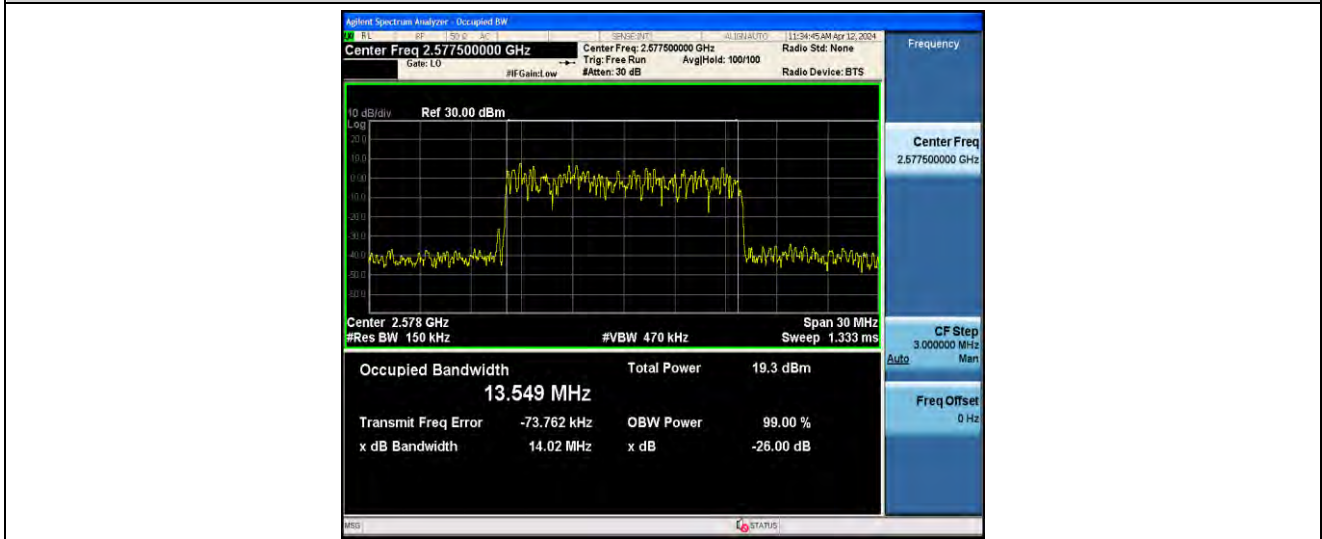


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1-N38-PC3-30-15-L-8-CP-64QAM-Outer\_Full-38@0-ANT0-13.669-14.02-≤15-PASS



1-N38-PC3-30-15-L-9-CP-256QAM-Outer\_Full-38@0-ANT0-13.549-14.02-≤15-PASS



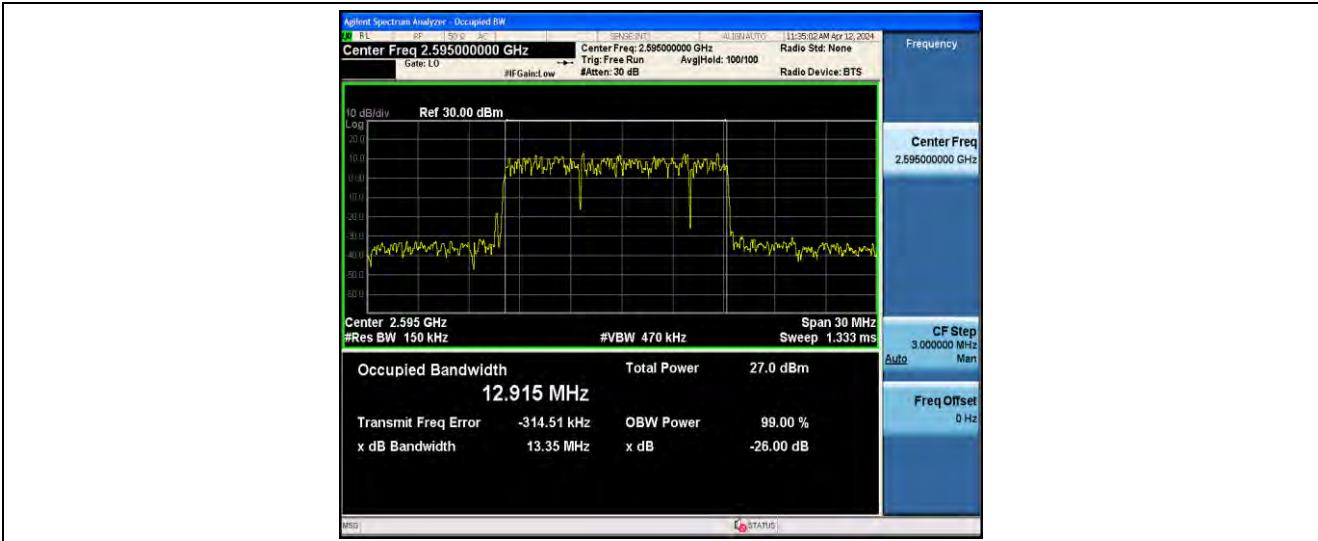
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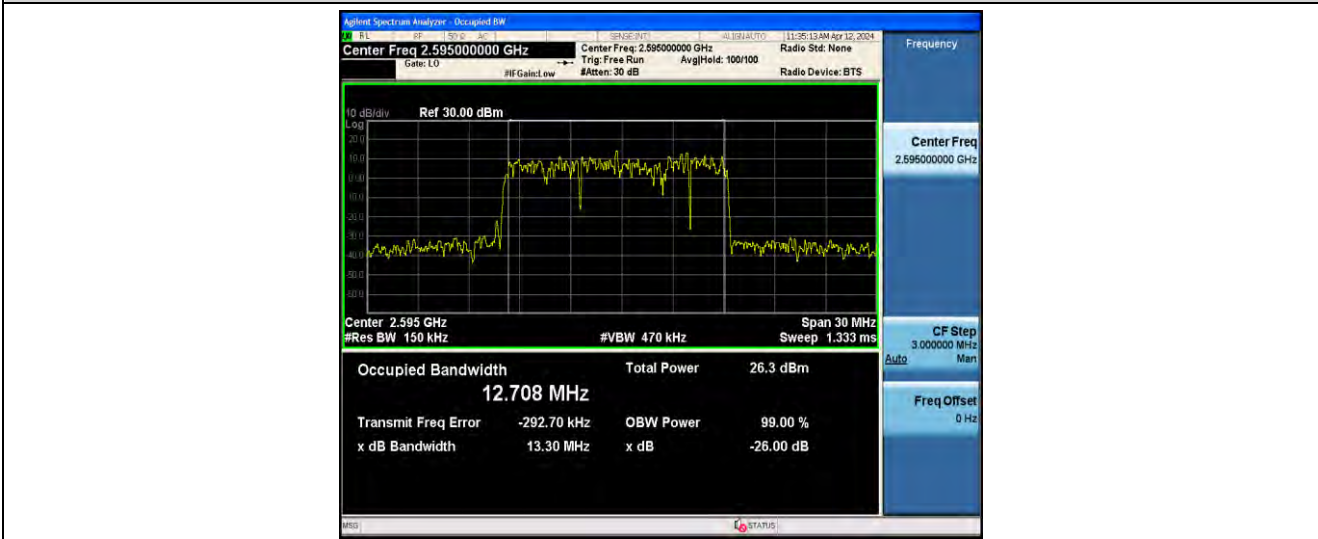


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1-N38-PC3-30-15-M-3-DFT-16QAM-Outer\_Full-36@0-ANT0-12.708-13.30-≤15-PASS



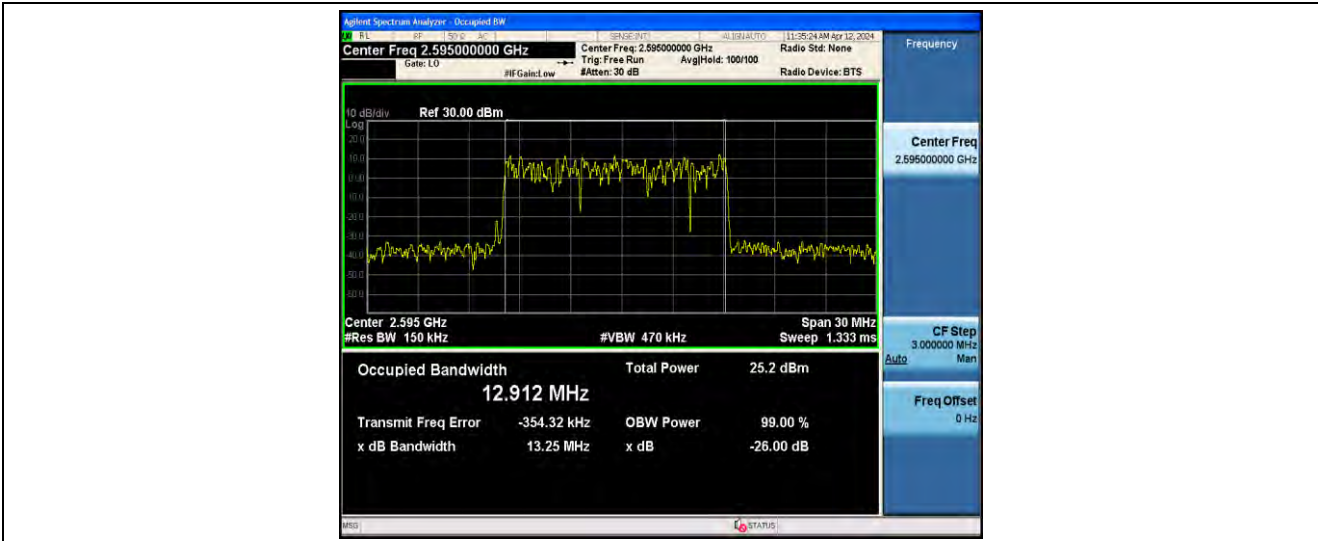
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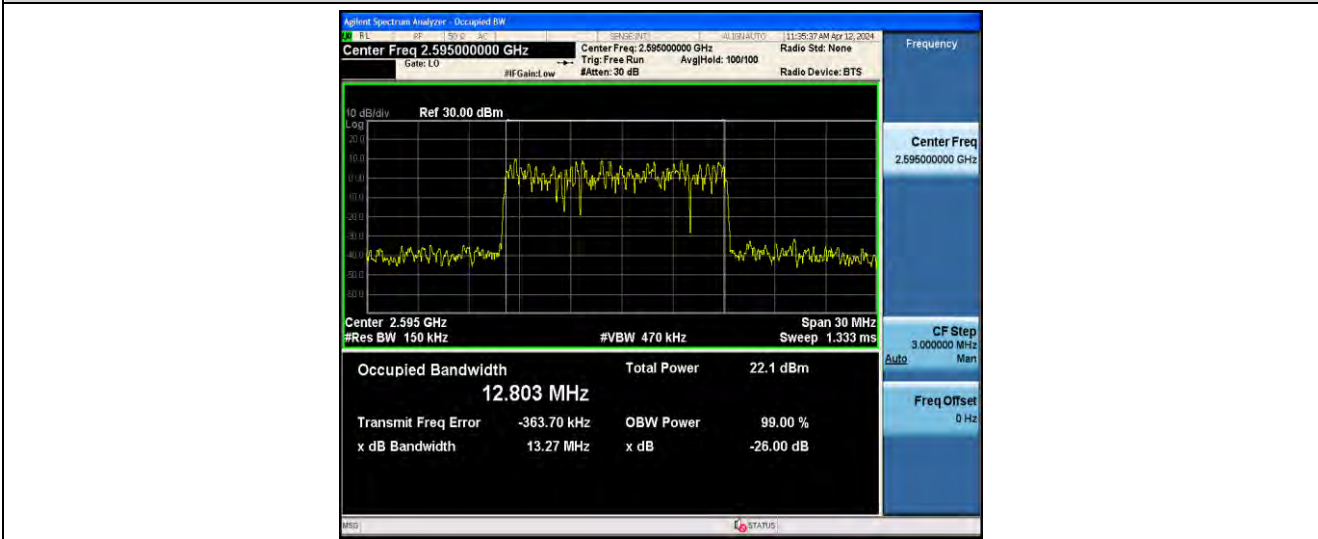


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1-N38-PC3-30-15-M-4-DFT-64QAM-Outer\_Full-36@0-ANT0-12.912-13.25-≤15-PASS



1-N38-PC3-30-15-M-5-DFT-256QAM-Outer\_Full-36@0-ANT0-12.803-13.27-≤15-PASS



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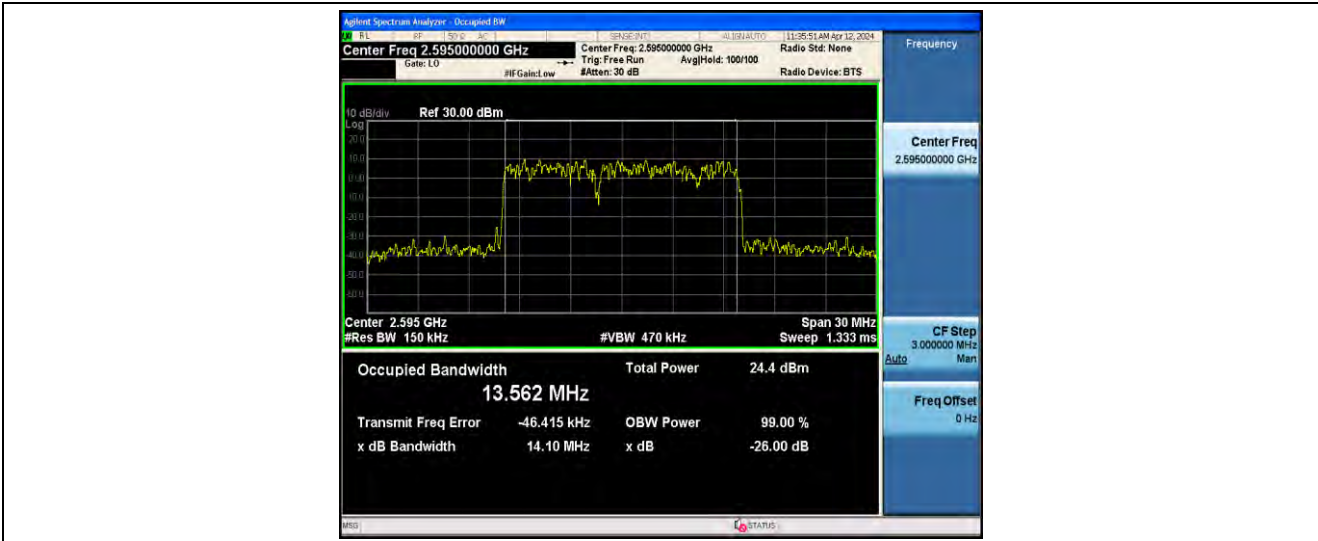
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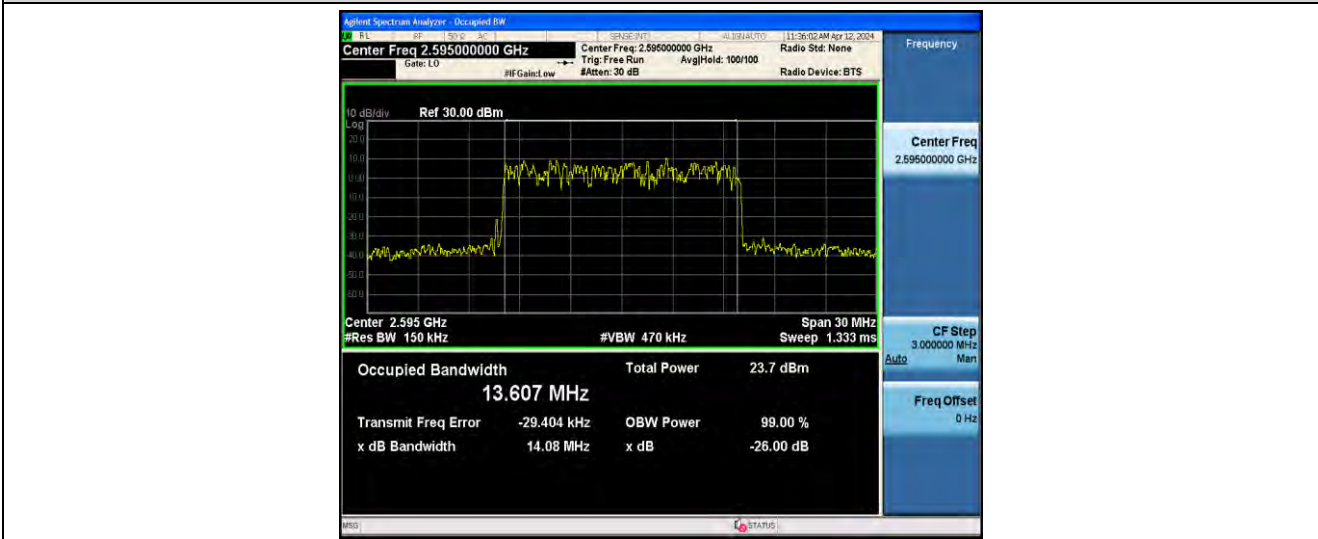


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1-N38-PC3-30-15-M-6-CP-QPSK-Outer\_Full-38@0-ANT0-13.562-14.10-≤15-PASS



1-N38-PC3-30-15-M-7-CP-16QAM-Outer\_Full-38@0-ANT0-13.607-14.08-≤15-PASS

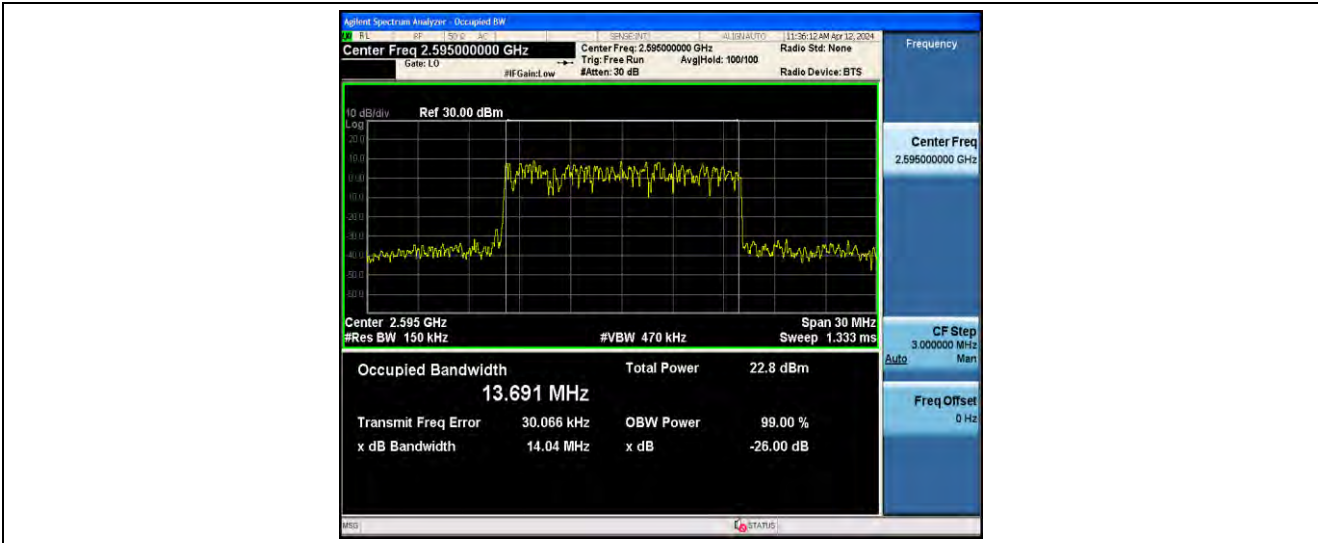


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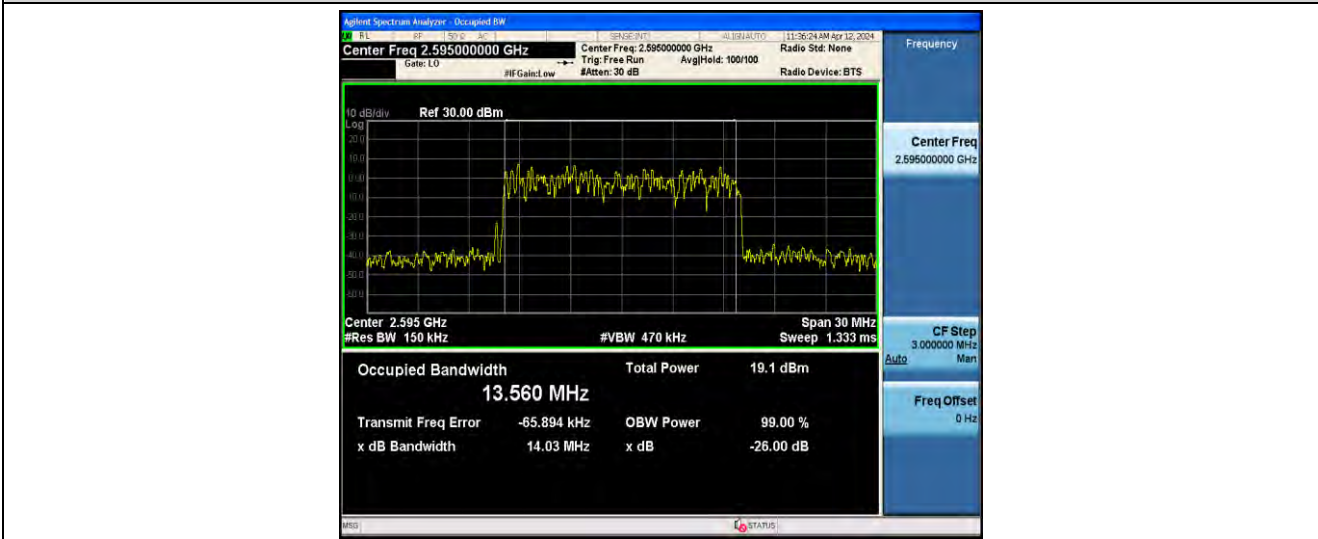


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1-N38-PC3-30-15-M-9-CP-256QAM-Outer\_Full-38@0-ANT0-13.560-14.03-≤15-PASS



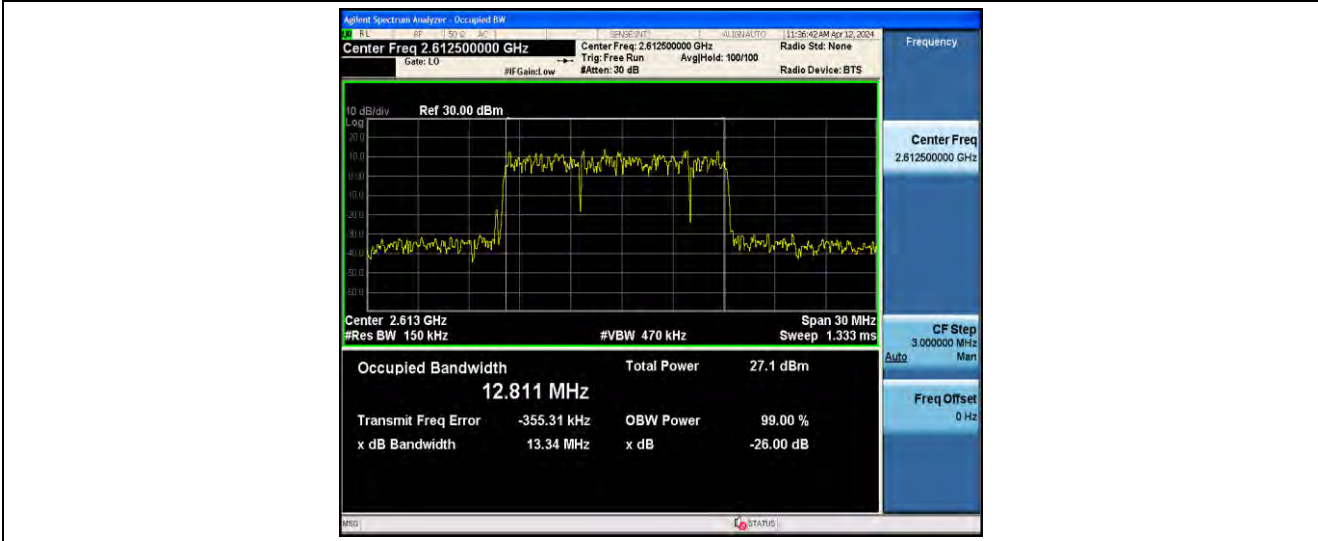
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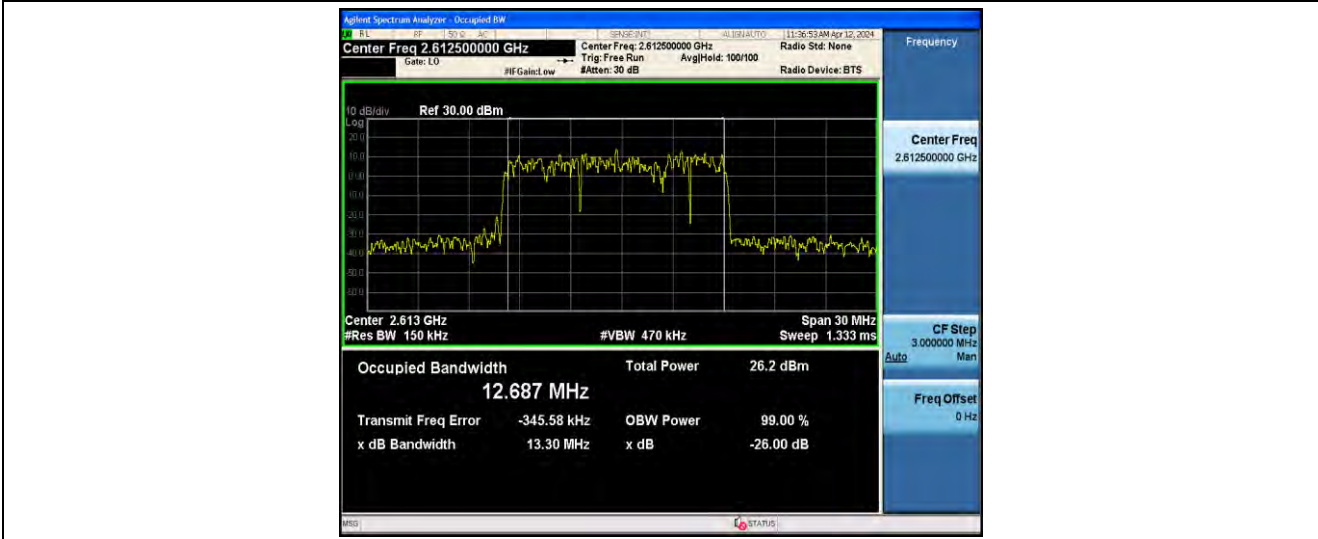


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1-N38-PC3-30-15-H-1-DFT-QPSK-Outer\_Full-36@0-ANT0-12.811-13.34-≤15-PASS



1-N38-PC3-30-15-H-3-DFT-16QAM-Outer\_Full-36@0-ANT0-12.687-13.30-≤15-PASS



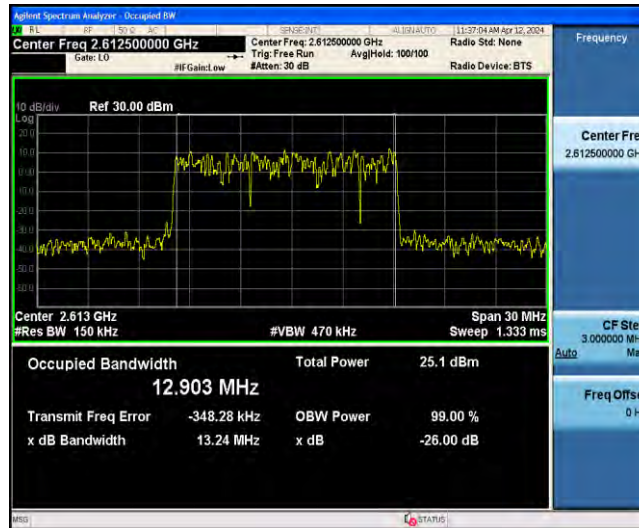
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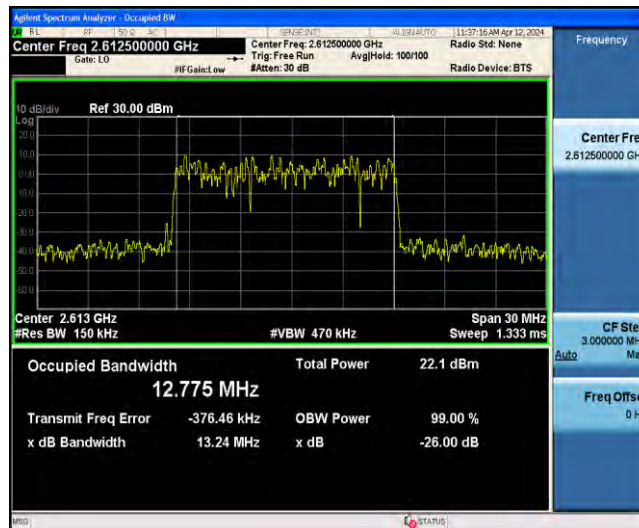


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1-N38-PC3-30-15-H-5-DFT-256QAM-Outer\_Full-36@0-ANT0-12.775-13.24-≤15-PASS



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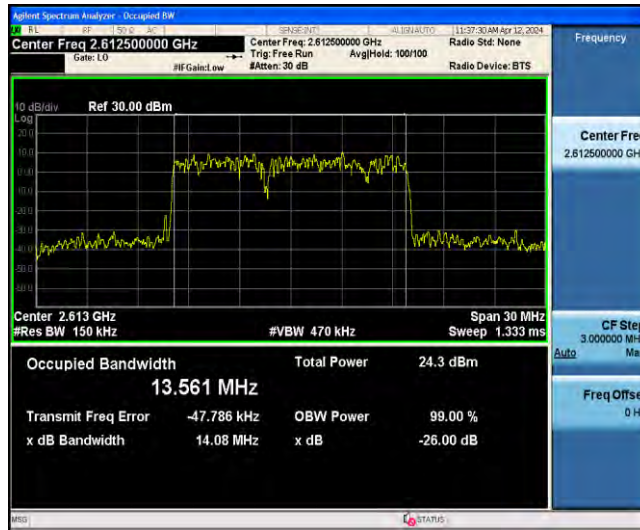
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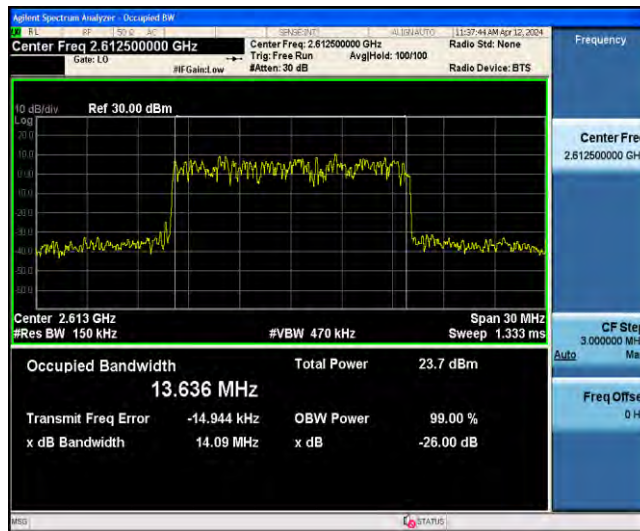


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1-N38-PC3-30-15-H-6-CP-QPSK-Outer\_Full-38@0-ANT0-13.561-14.08-≤15-PASS



1-N38-PC3-30-15-H-7-CP-16QAM-Outer\_Full-38@0-ANT0-13.636-14.09-≤15-PASS



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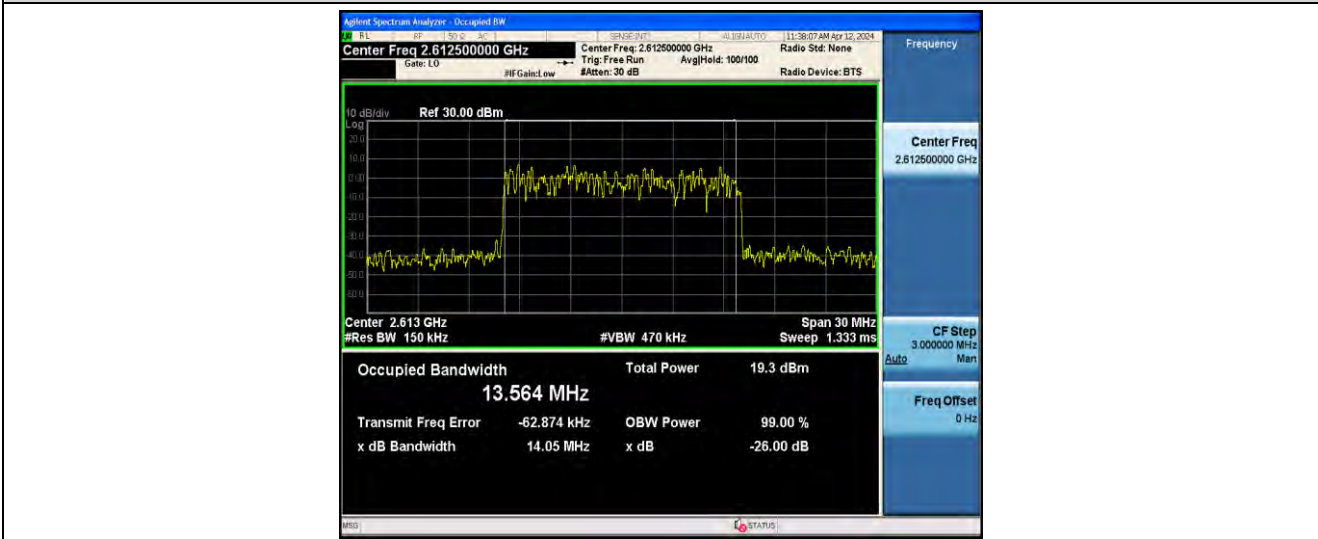


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1-N38-PC3-30-15-H-9-CP-256QAM-Outer\_Full-38@0-ANT0-13.564-14.05-≤15-PASS



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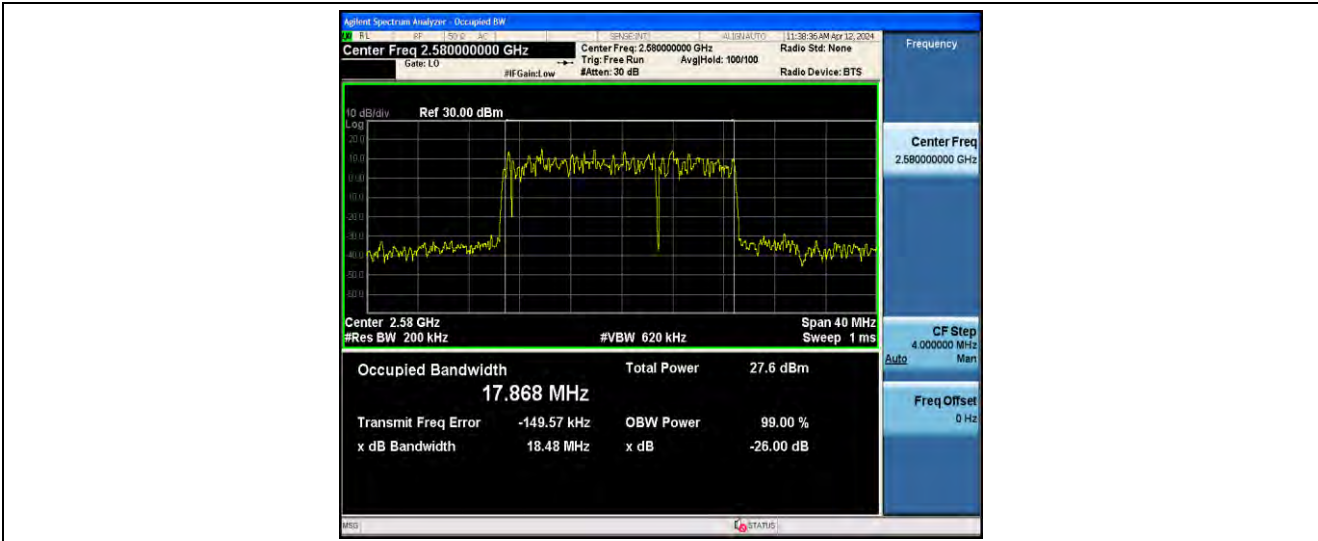
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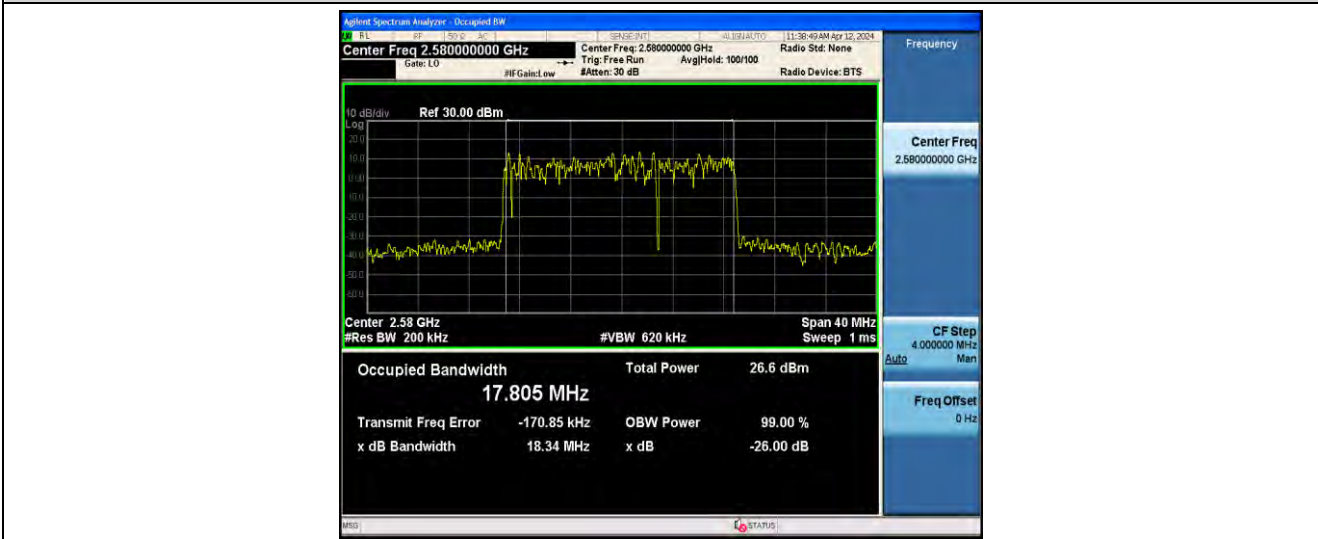


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1-N38-PC3-30-20-L-3-DFT-16QAM-Outer\_Full-50@0-ANT0-17.805-18.34-≤20-PASS



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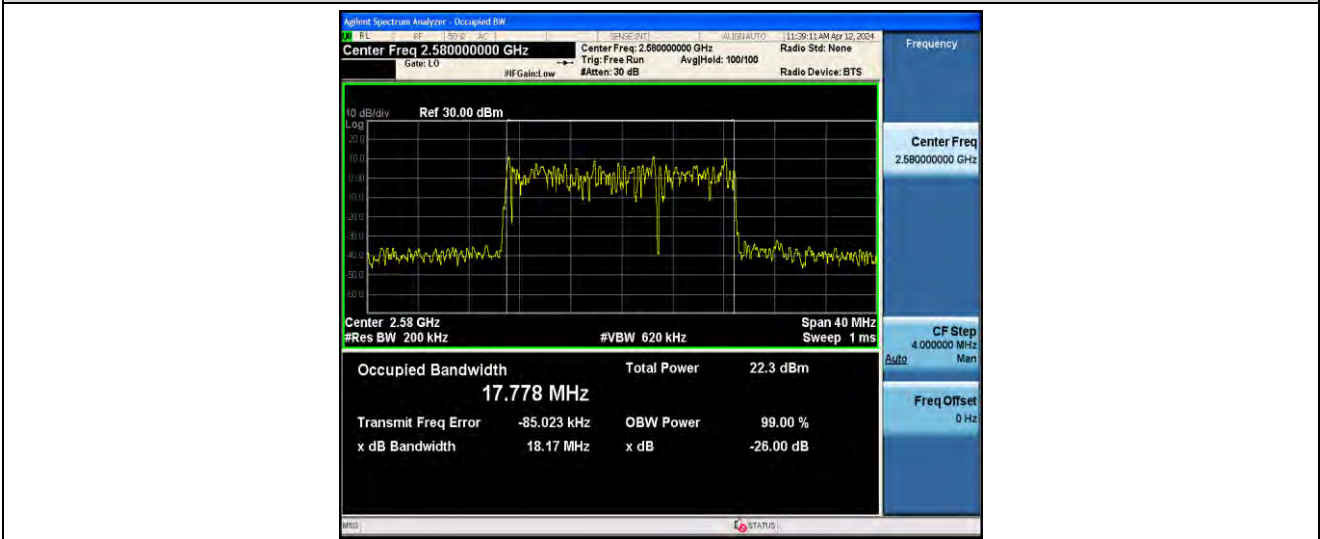


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1-N38-PC3-30-20-L-4-DFT-64QAM-Outer\_Full-50@0-ANT0-17.808-18.46-<20-PASS



1-N38-PC3-30-20-L-5-DFT-256QAM-Outer\_Full-50@0-ANT0-17.778-18.17-<20-PASS



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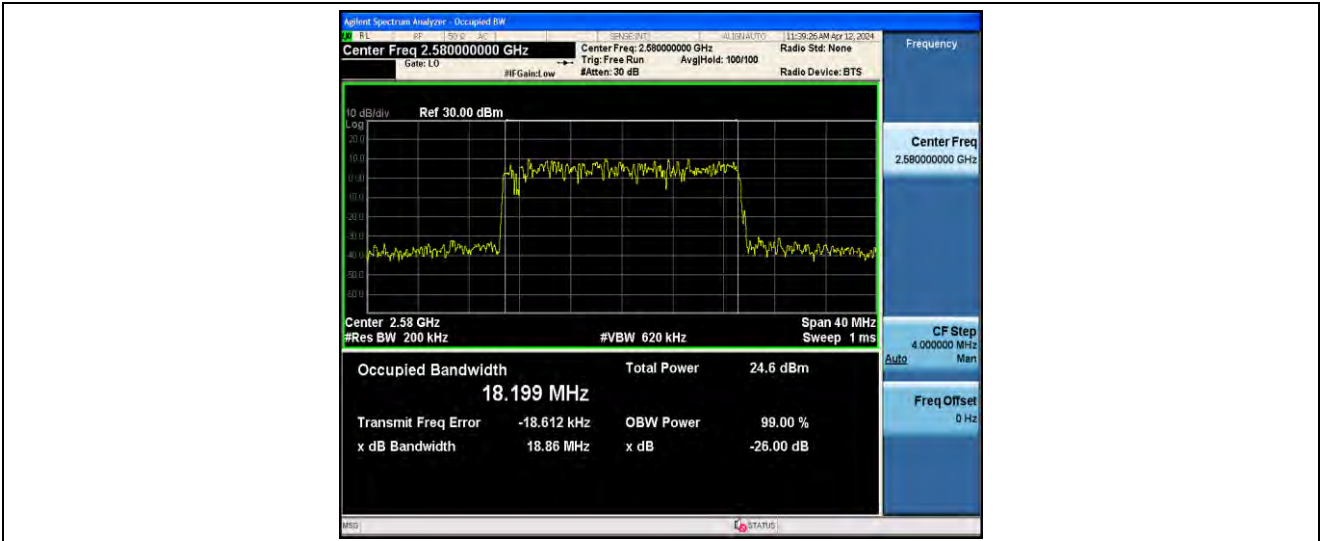
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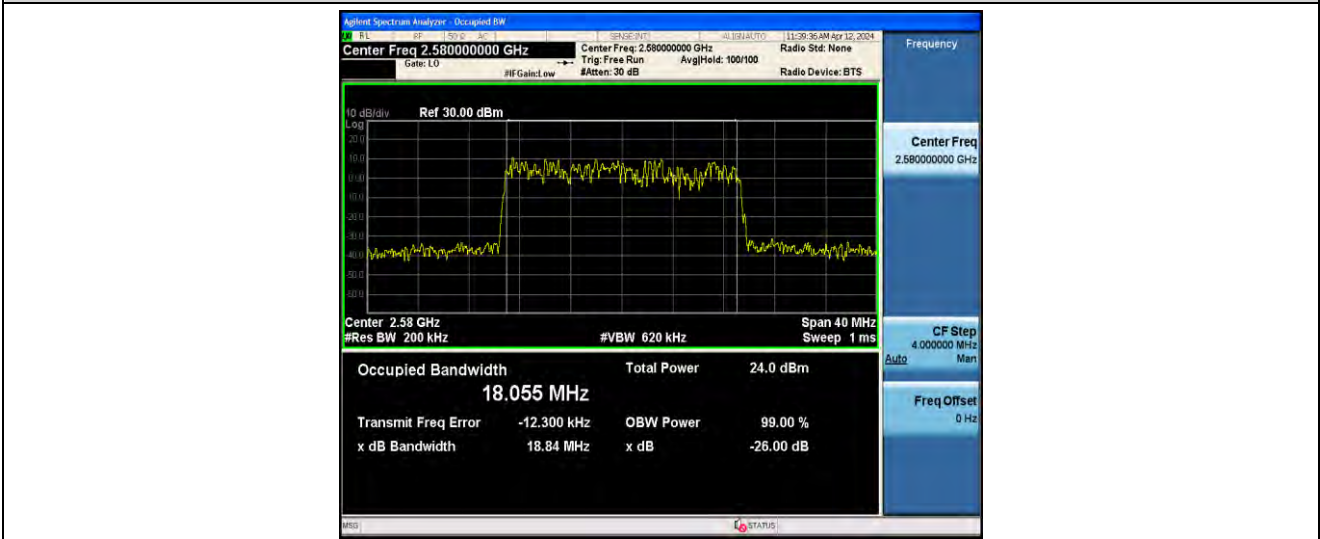


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1-N38-PC3-30-20-L-6-CP-QPSK-Outer\_Full-51@0-ANT0-18.199-18.86-≤20-PASS



1-N38-PC3-30-20-L-7-CP-16QAM-Outer\_Full-51@0-ANT0-18.055-18.84-≤20-PASS



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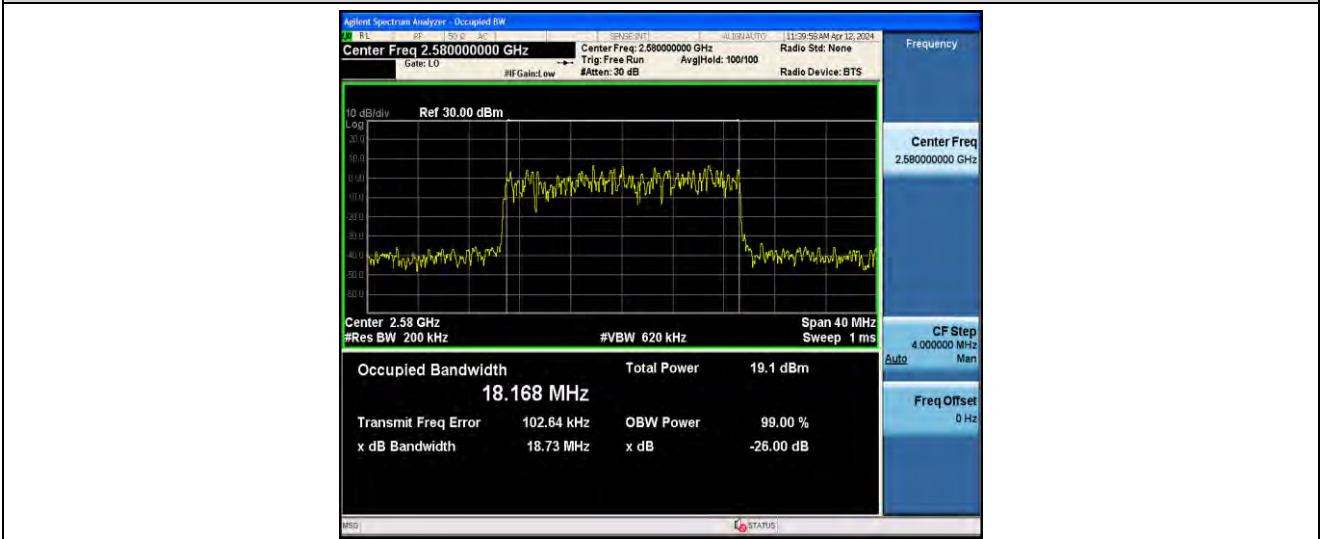


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1-N38-PC3-30-20-L-8-CP-64QAM-Outer\_Full-51@0-ANT0-17.723-18.69-≤20-PASS



1-N38-PC3-30-20-L-9-CP-256QAM-Outer\_Full-51@0-ANT0-18.168-18.73-≤20-PASS



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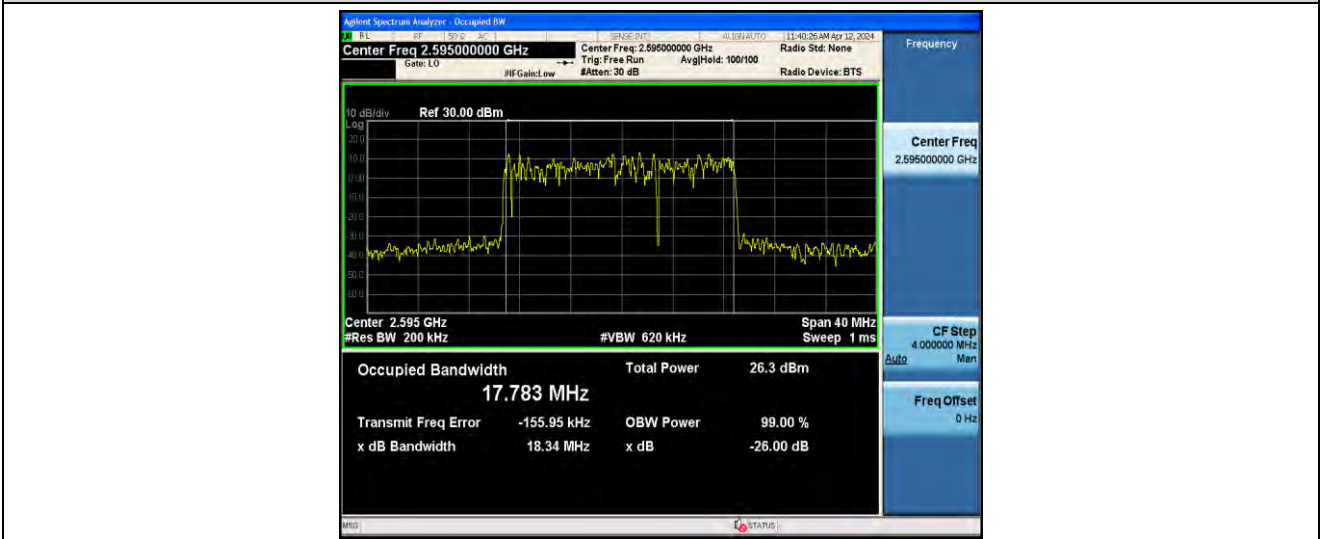


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1-N38-PC3-30-20-M-3-DFT-16QAM-Outer\_Full-50@0-ANT0-17.783-18.34-≤20-PASS



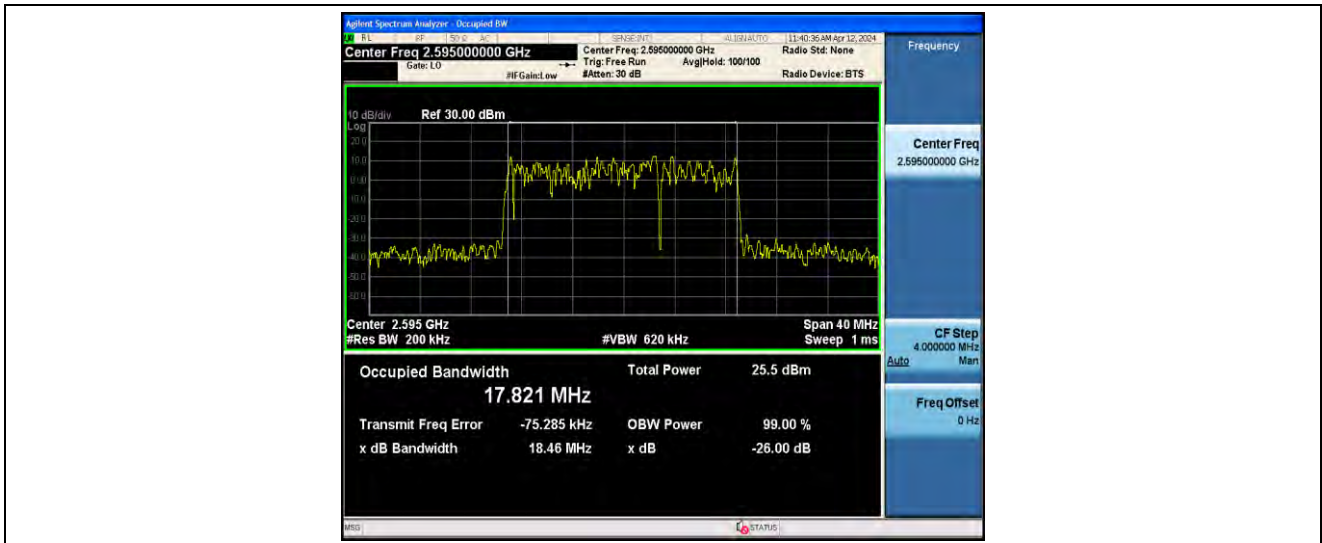
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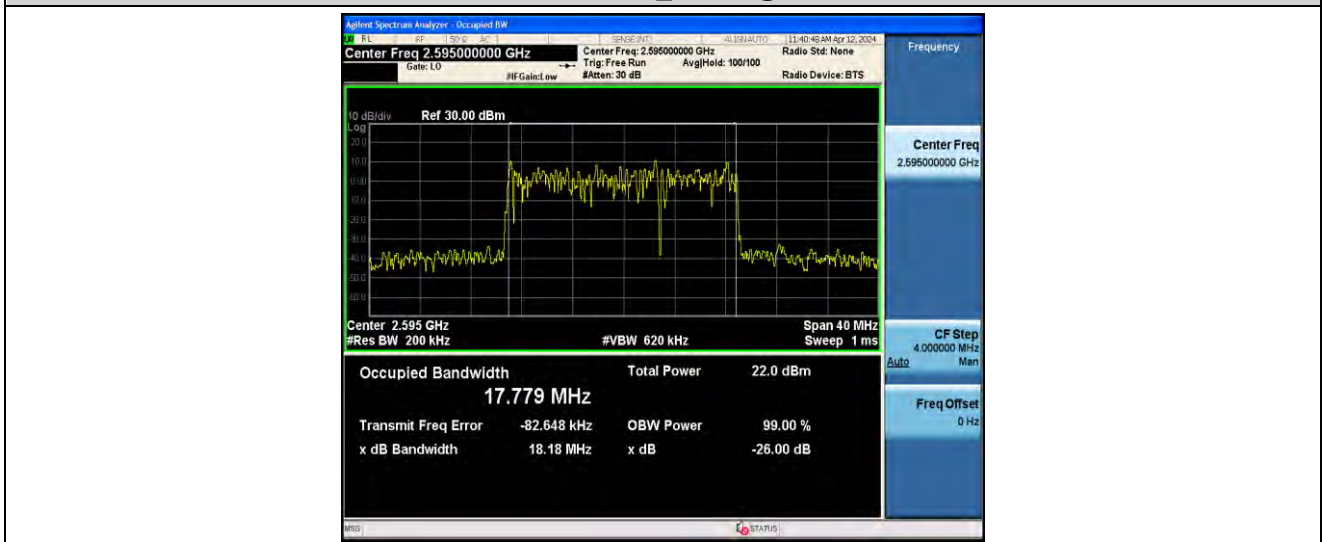


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1-N38-PC3-30-20-M-4-DFT-64QAM-Outer\_Full-50@0-ANT0-17.821-18.46-<=20-PASS



1-N38-PC3-30-20-M-5-DFT-256QAM-Outer\_Full-50@0-ANT0-17.779-18.18-<=20-PASS



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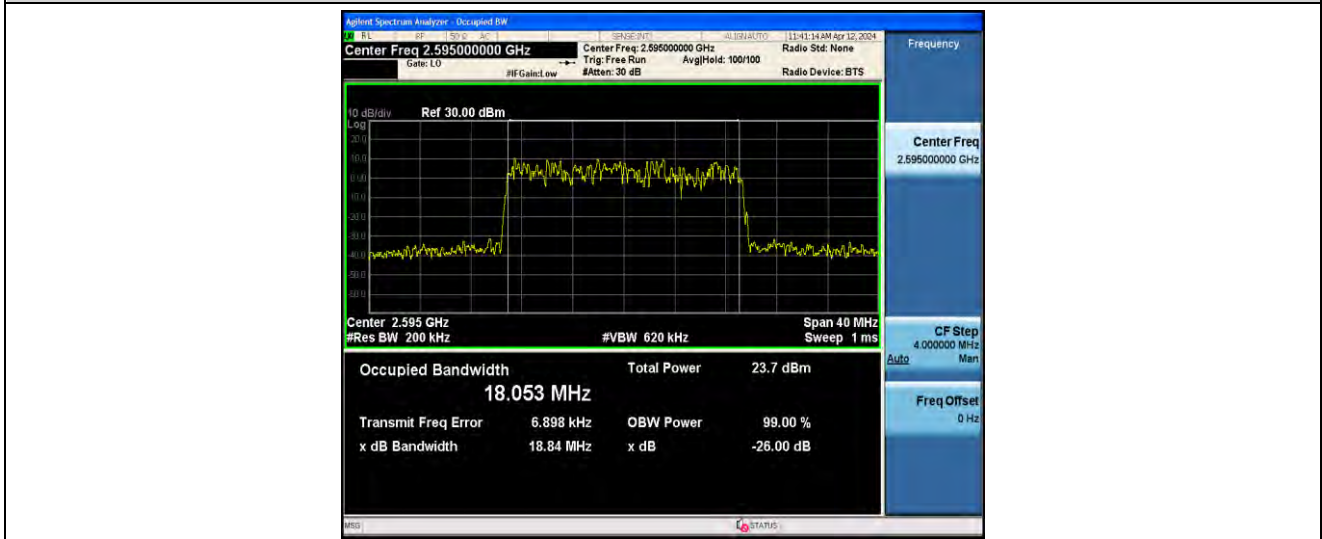


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1-N38-PC3-30-20-M-6-CP-QPSK-Outer\_Full-51@0-ANT0-18.202-18.86-≤20-PASS



1-N38-PC3-30-20-M-7-CP-16QAM-Outer\_Full-51@0-ANT0-18.053-18.84-≤20-PASS



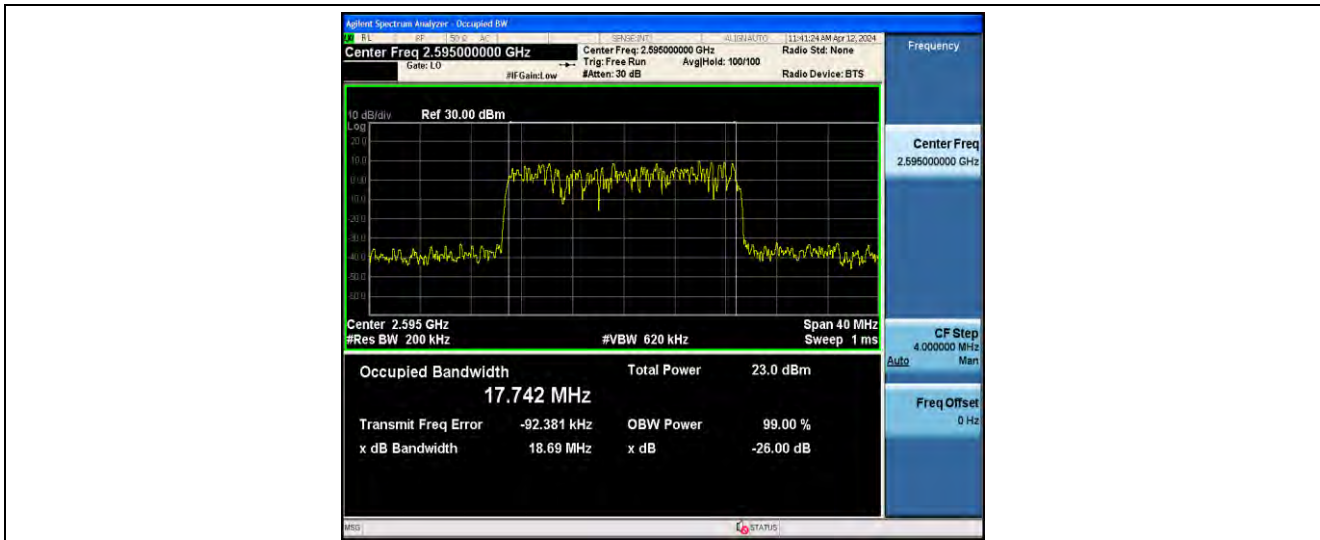
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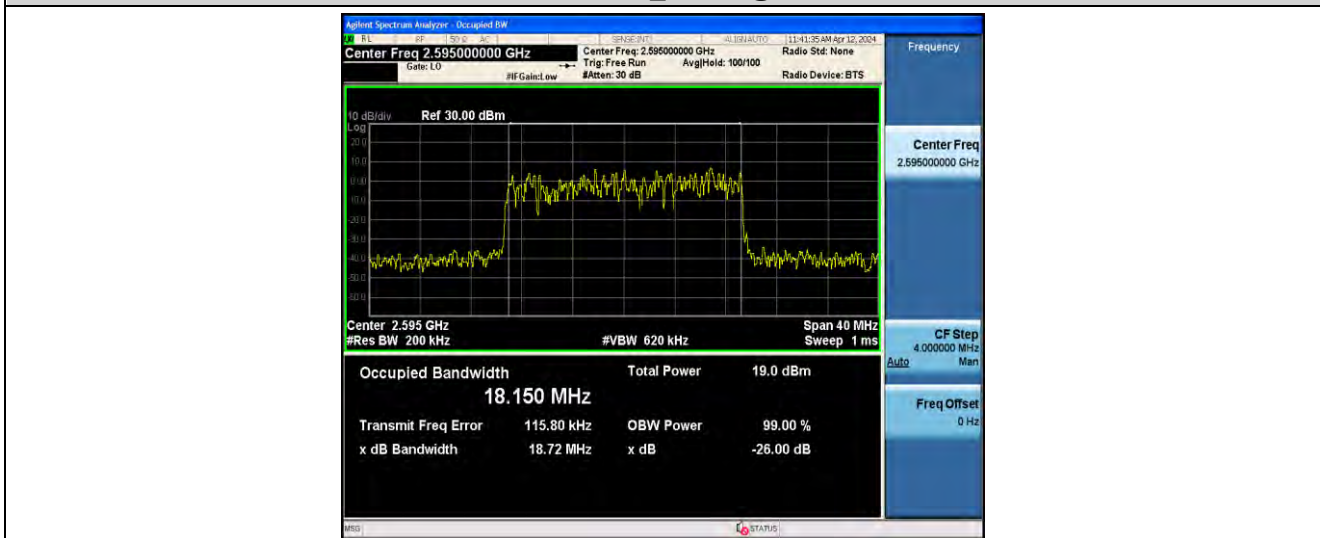


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1-N38-PC3-30-20-M-8-CP-64QAM-Outer\_Full-51@0-ANT0-17.742-18.69-≤20-PASS



1-N38-PC3-30-20-M-9-CP-256QAM-Outer\_Full-51@0-ANT0-18.150-18.72-≤20-PASS



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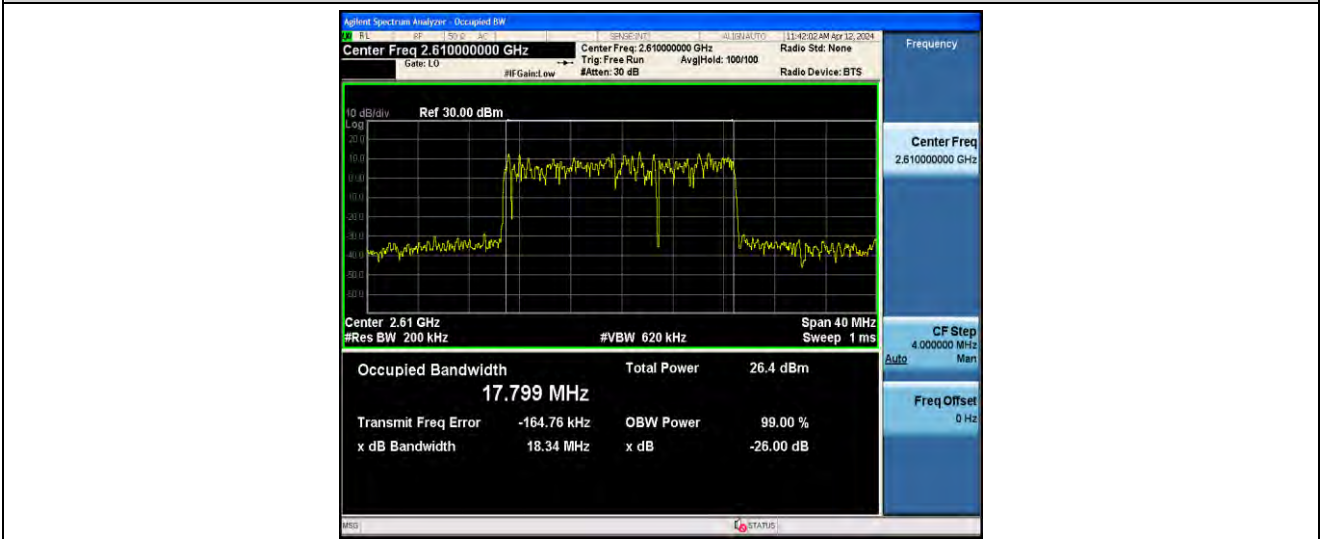


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1-N38-PC3-30-20-H-1-DFT-QPSK-Outer\_Full-50@0-ANT0-17.864-18.48-<20-PASS



1-N38-PC3-30-20-H-3-DFT-16QAM-Outer\_Full-50@0-ANT0-17.799-18.34-<20-PASS



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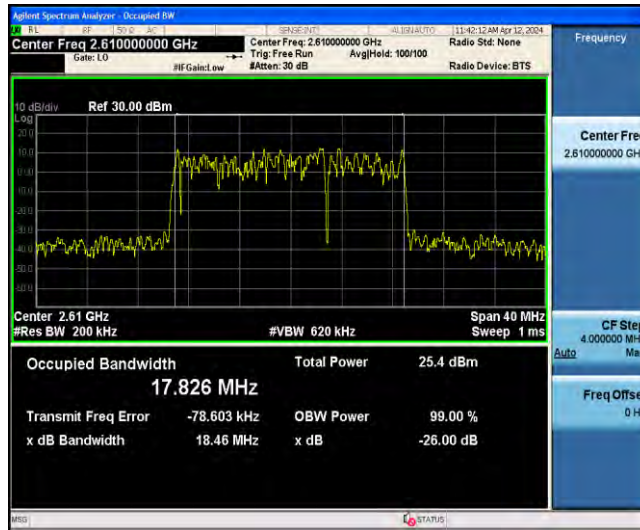
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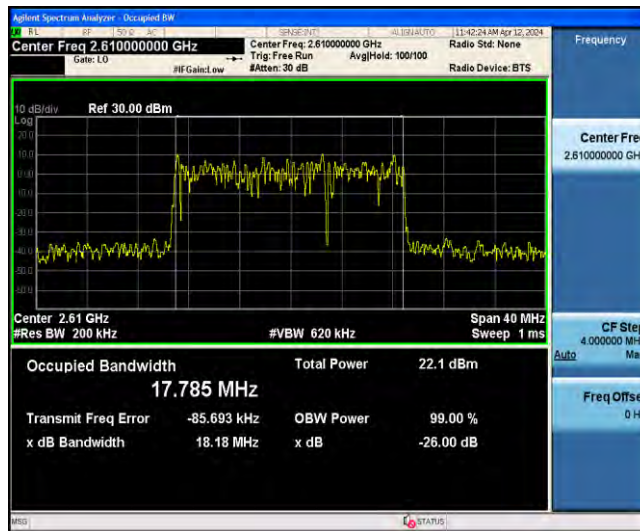


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1-N38-PC3-30-20-H-4-DFT-64QAM-Outer\_Full-50@0-ANT0-17.826-18.46-≤20-PASS



1-N38-PC3-30-20-H-5-DFT-256QAM-Outer\_Full-50@0-ANT0-17.785-18.18-≤20-PASS



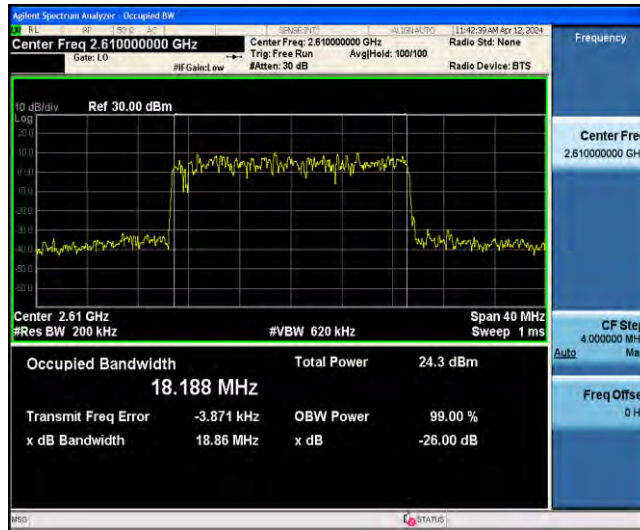
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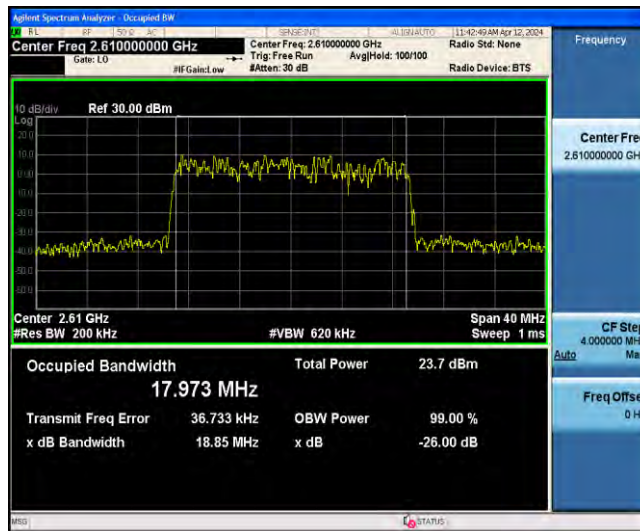


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1-N38-PC3-30-20-H-7-CP-16QAM-Outer\_Full-51@0-ANT0-17.973-18.85-≤20-PASS



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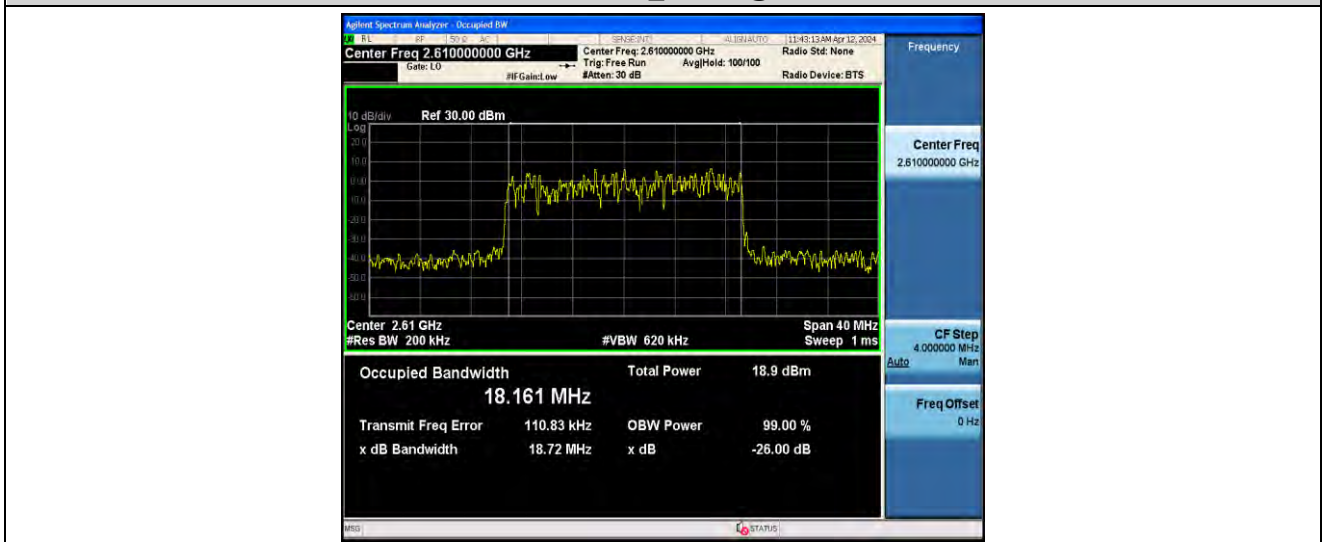


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1-N38-PC3-30-20-H-8-CP-64QAM-Outer\_Full-51@0-ANT0-17.803-18.68-<=20-PASS



1-N38-PC3-30-20-H-9-CP-256QAM-Outer\_Full-51@0-ANT0-18.161-18.72-<=20-PASS



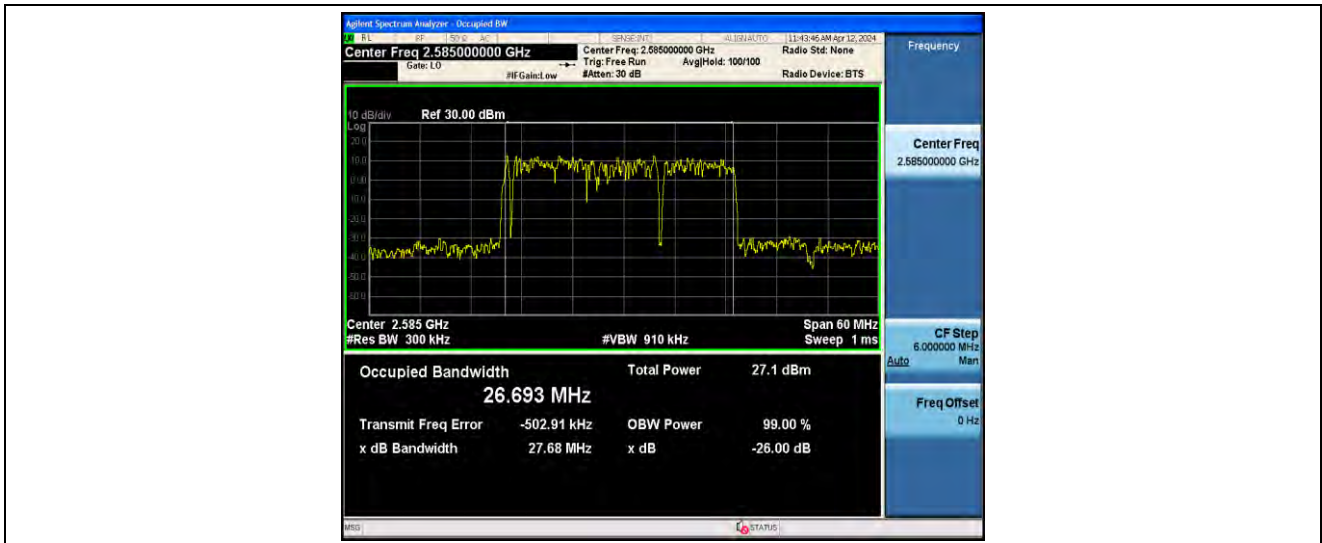
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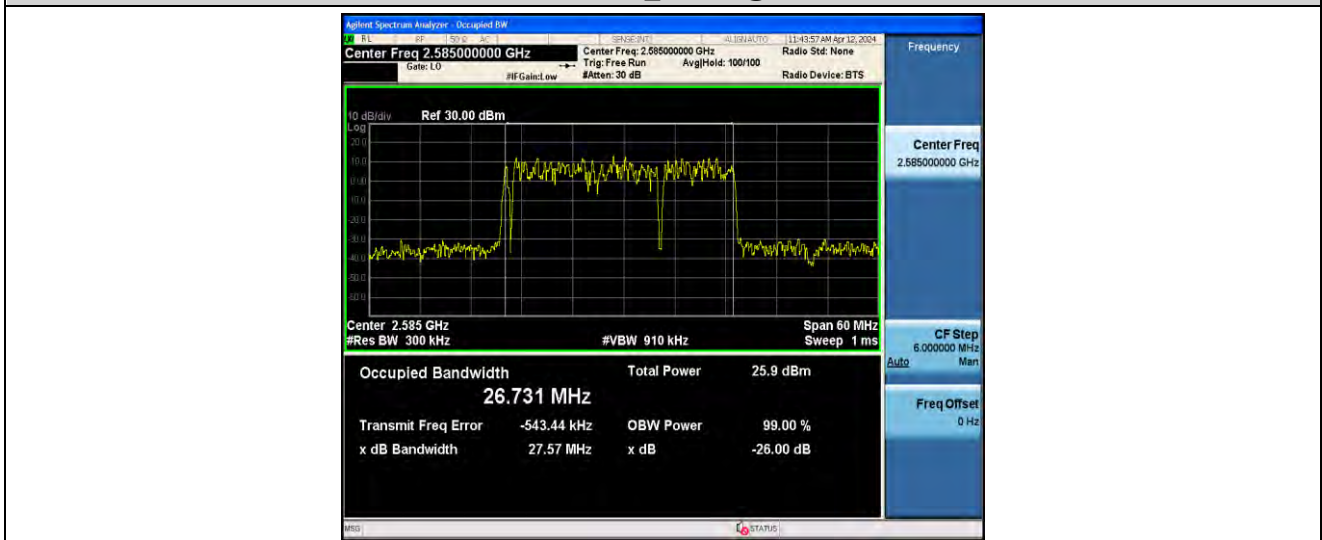


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1-N38-PC3-30-30-L-3-DFT-16QAM-Outer\_Full-75@0-ANT0-26.731-27.57-≤30-PASS

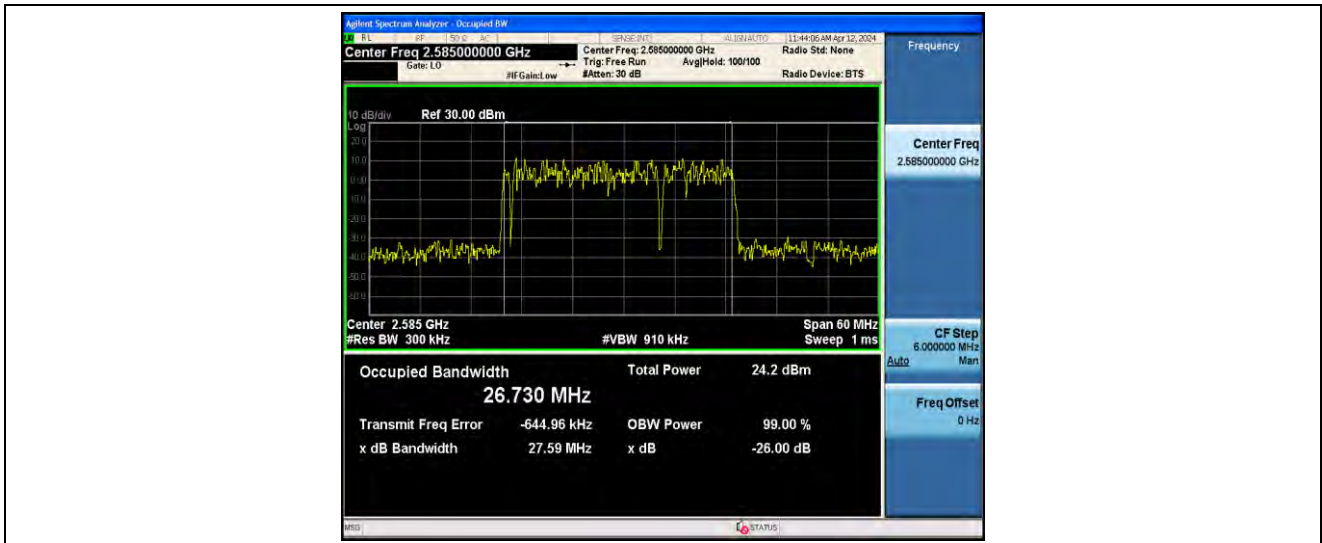


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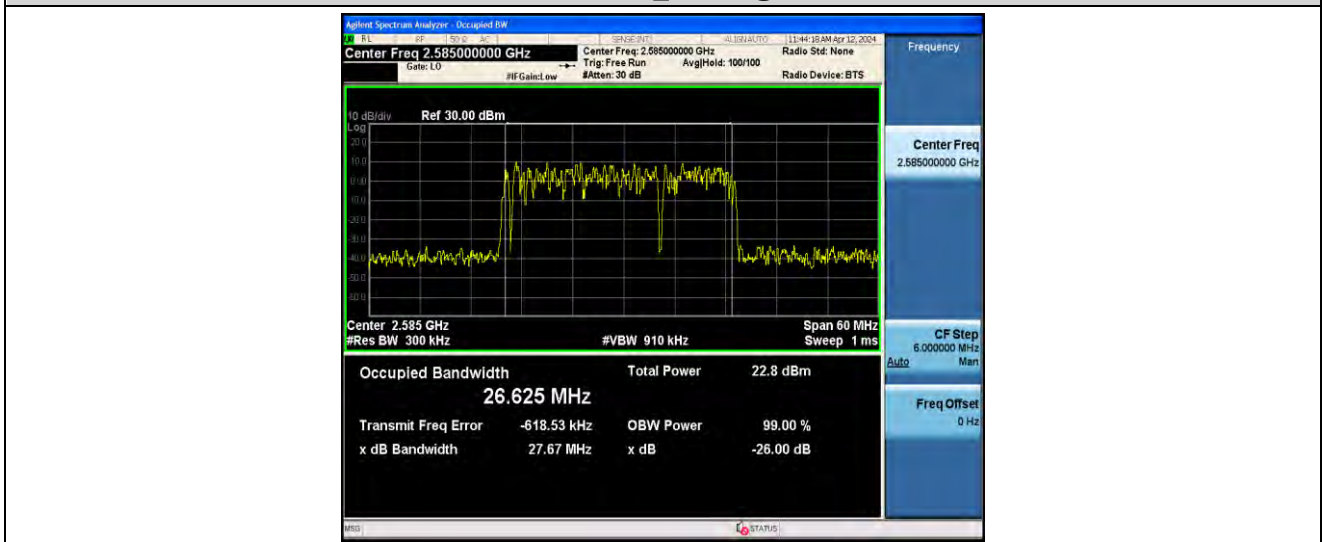


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1-N38-PC3-30-30-L-4-DFT-64QAM-Outer\_Full-75@0-ANT0-26.730-27.59-<30-PASS



1-N38-PC3-30-30-L-5-DFT-256QAM-Outer\_Full-75@0-ANT0-26.625-27.67-<30-PASS



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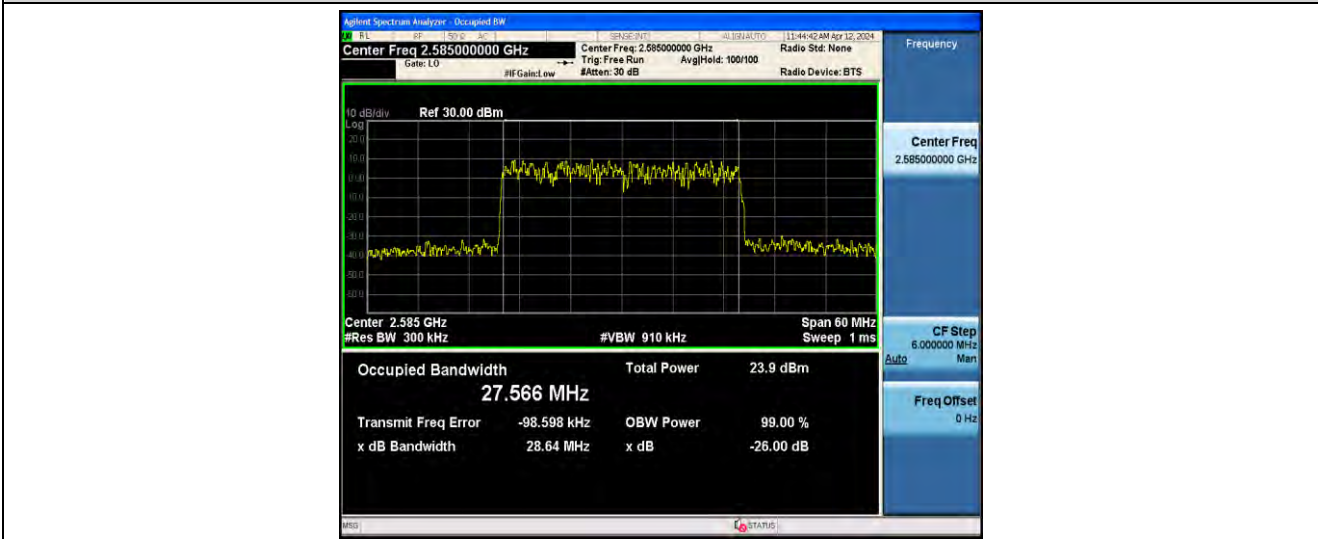


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1-N38-PC3-30-30-L-6-CP-QPSK-Outer\_Full-78@0-ANT0-27.637-28.77-≤30-PASS



1-N38-PC3-30-30-L-7-CP-16QAM-Outer\_Full-78@0-ANT0-27.566-28.64-≤30-PASS



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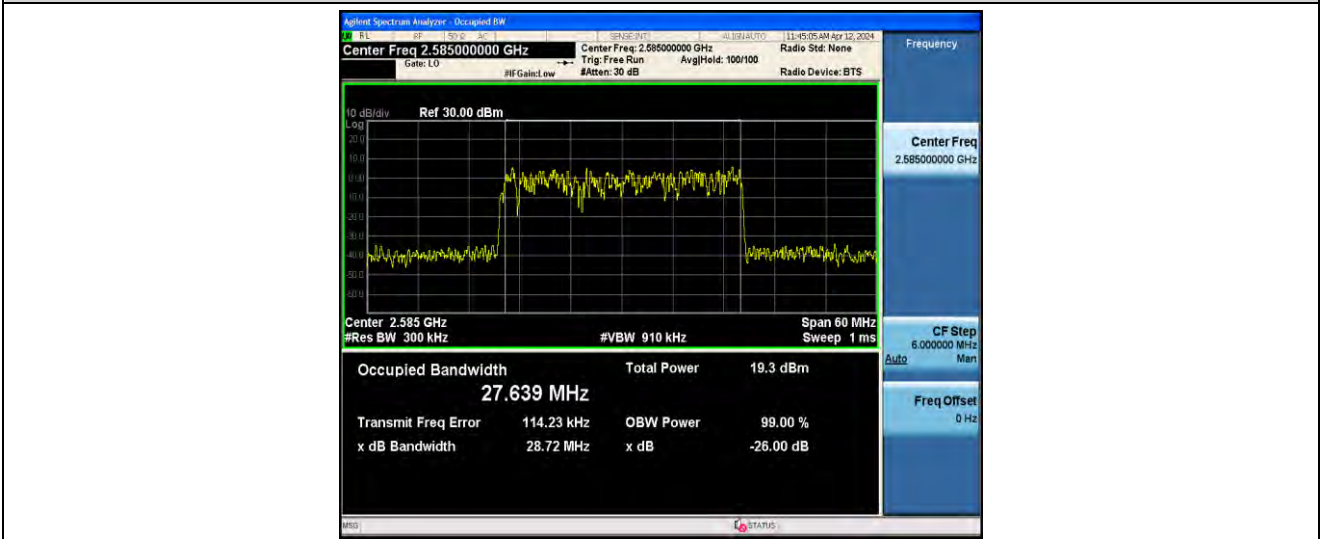


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1-N38-PC3-30-30-L-8-CP-64QAM-Outer\_Full-78@0-ANT0-27.629-28.42-<30-PASS



1-N38-PC3-30-30-L-9-CP-256QAM-Outer\_Full-78@0-ANT0-27.639-28.72-<30-PASS



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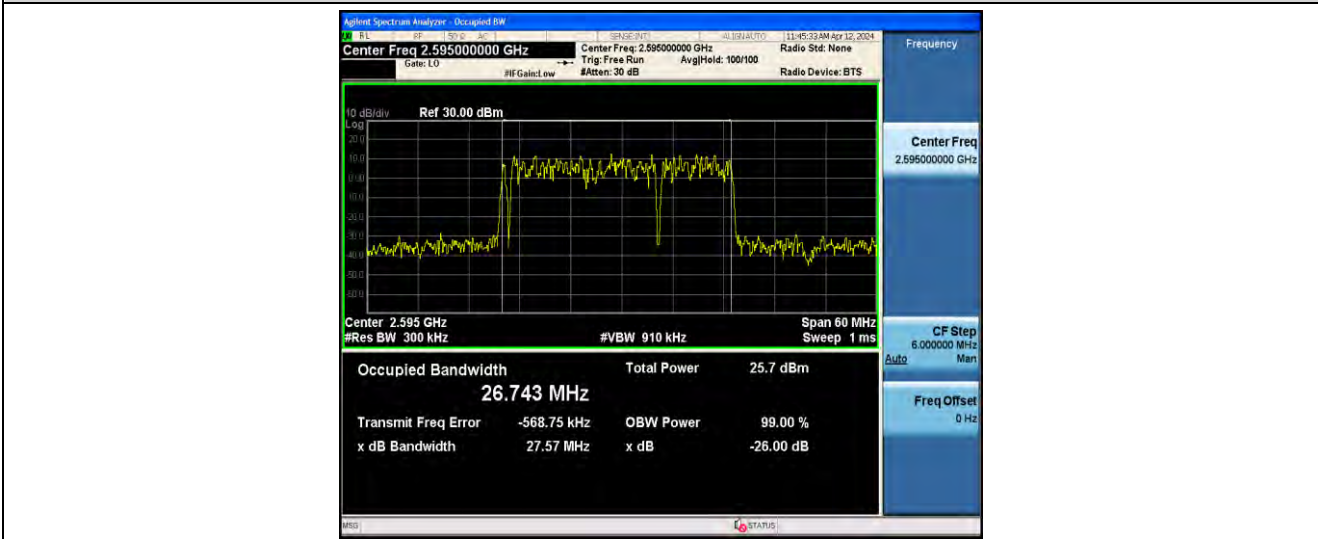


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1-N38-PC3-30-30-M-1-DFT-QPSK-Outer\_Full-75@0-ANT0-26.696-27.69- $\leq$ 30-PASS



1-N38-PC3-30-30-M-3-DFT-16QAM-Outer\_Full-75@0-ANT0-26.743-27.57- $\leq$ 30-PASS



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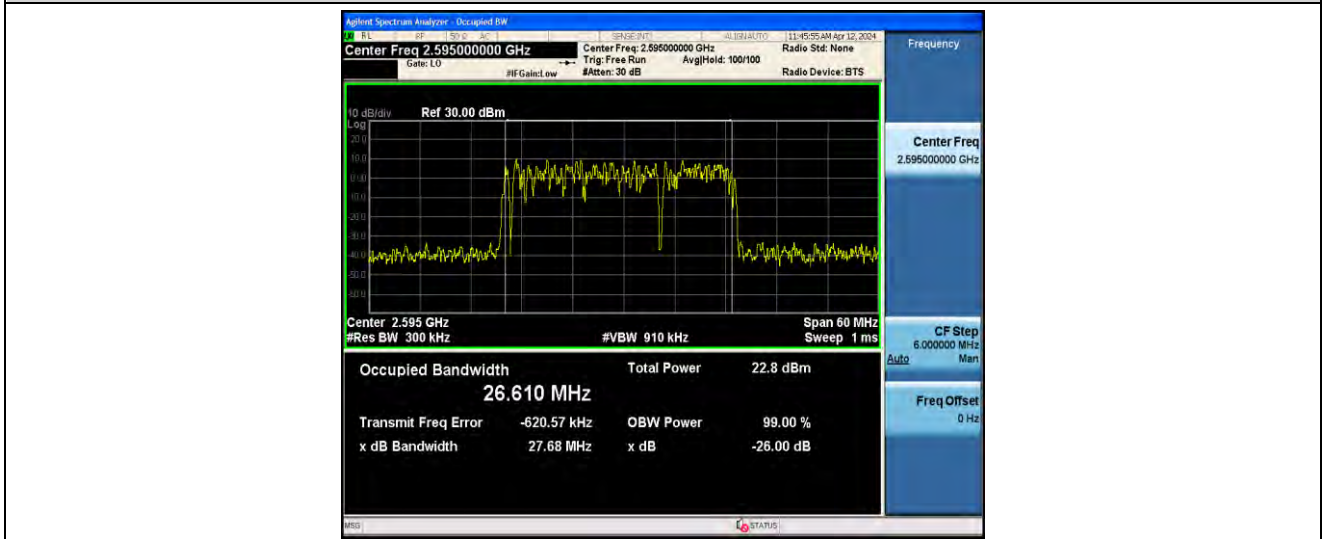


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1-N38-PC3-30-30-M-4-DFT-64QAM-Outer\_Full-75@0-ANT0-26.718-27.60-≤30-PASS



1-N38-PC3-30-30-M-5-DFT-256QAM-Outer\_Full-75@0-ANT0-26.610-27.68-≤30-PASS



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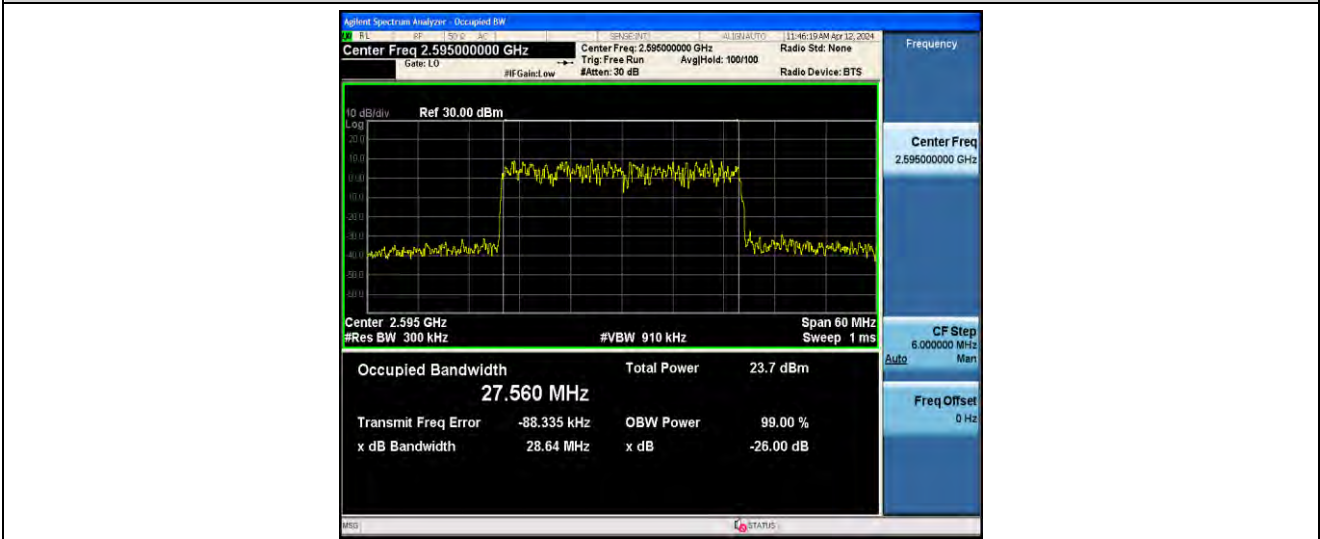


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1-N38-PC3-30-30-M-6-CP-QPSK-Outer\_Full-78@0-ANT0-27.828-28.74-≤30-PASS



1-N38-PC3-30-30-M-7-CP-16QAM-Outer\_Full-78@0-ANT0-27.560-28.64-≤30-PASS



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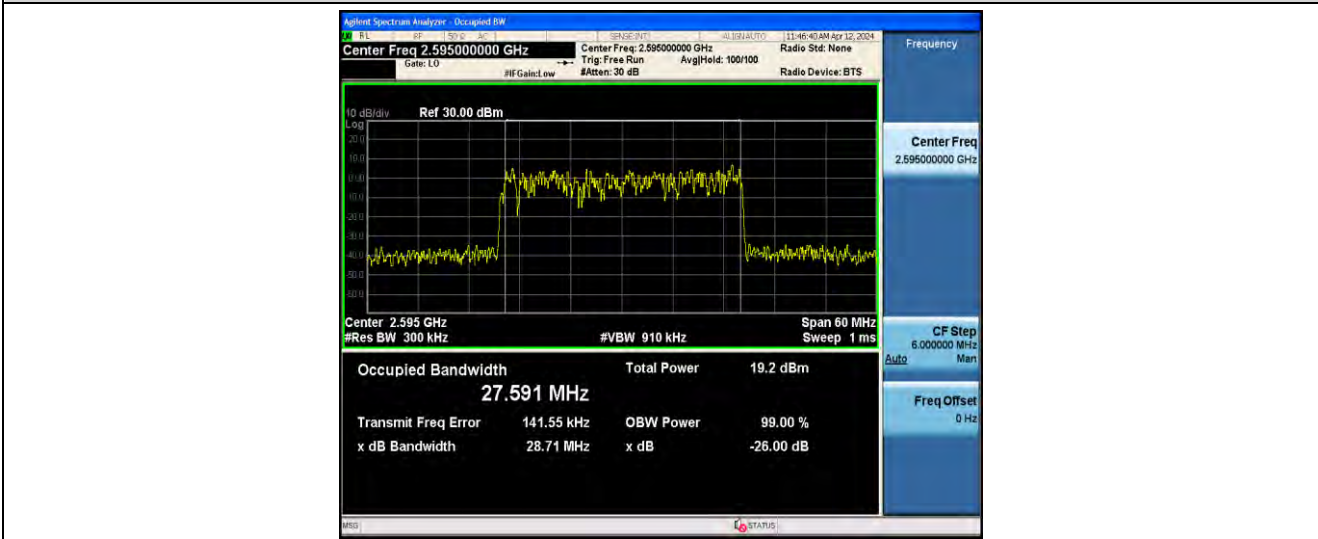


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1-N38-PC3-30-30-M-8-CP-64QAM-Outer\_Full-78@0-ANT0-27.625-28.42-≤30-PASS



1-N38-PC3-30-30-M-9-CP-256QAM-Outer\_Full-78@0-ANT0-27.591-28.71-≤30-PASS



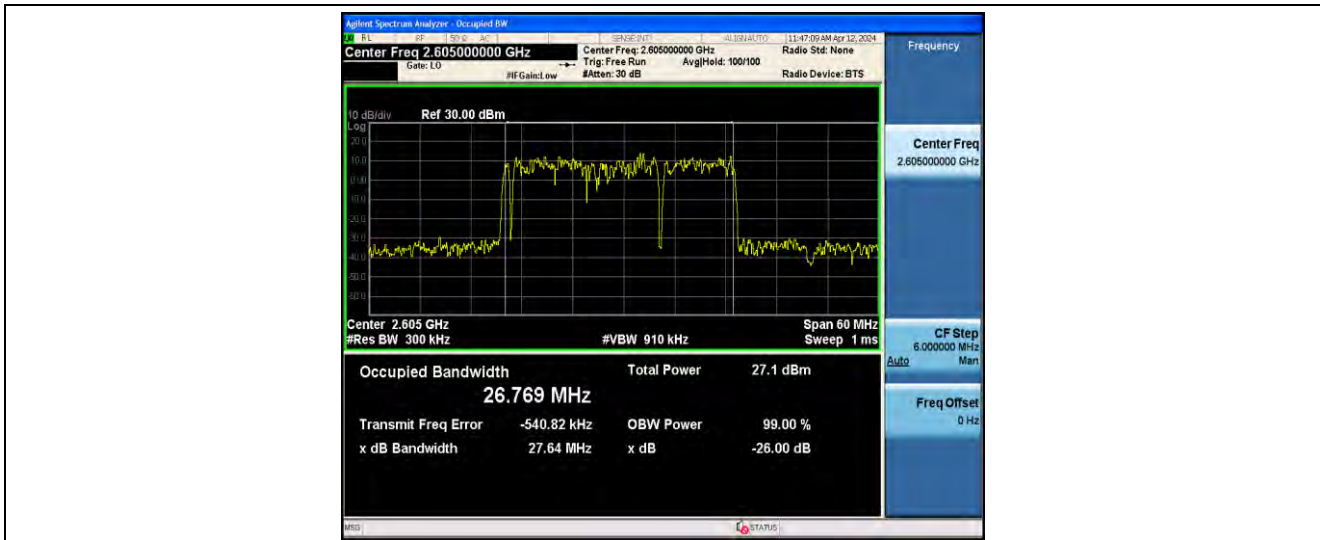
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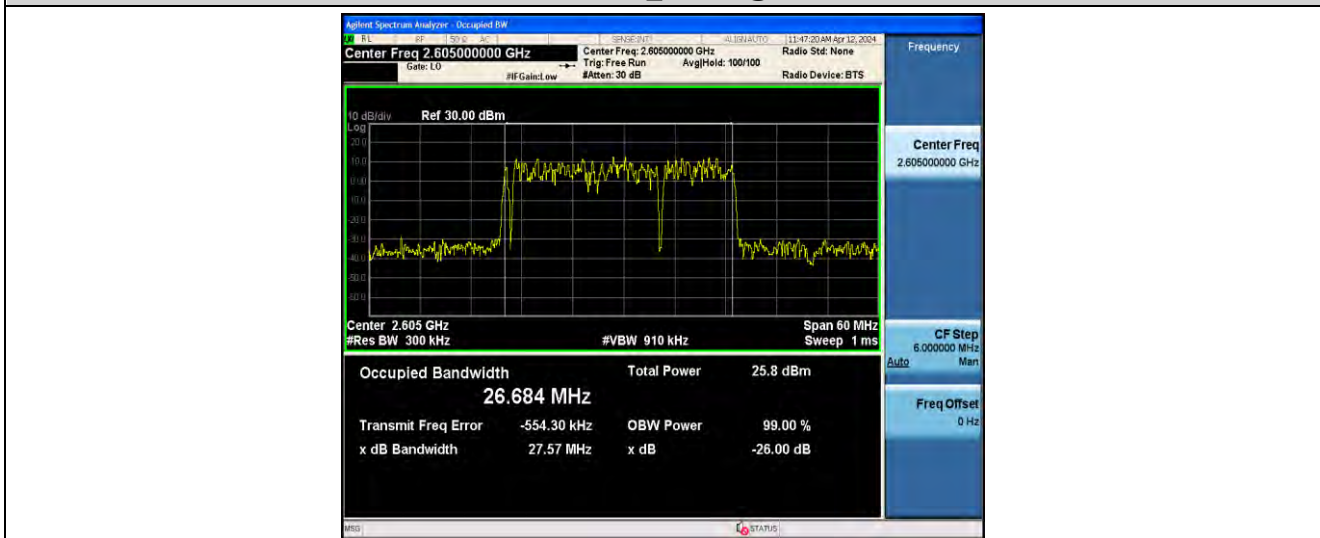


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1-N38-PC3-30-30-H-1-DFT-QPSK-Outer\_Full-75@0-ANT0-26.769-27.64-≤30-PASS



1-N38-PC3-30-30-H-3-DFT-16QAM-Outer\_Full-75@0-ANT0-26.684-27.57-≤30-PASS



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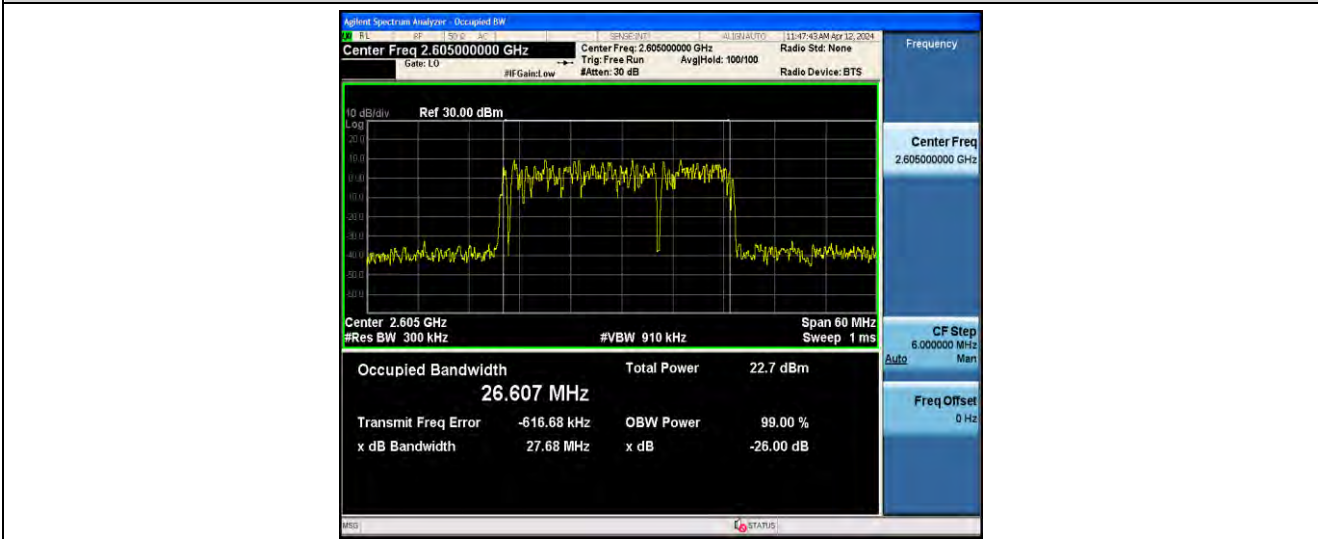


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1-N38-PC3-30-30-H-4-DFT-64QAM-Outer\_Full-75@0-ANT0-26.705-27.59-≤30-PASS



1-N38-PC3-30-30-H-5-DFT-256QAM-Outer\_Full-75@0-ANT0-26.607-27.68-≤30-PASS



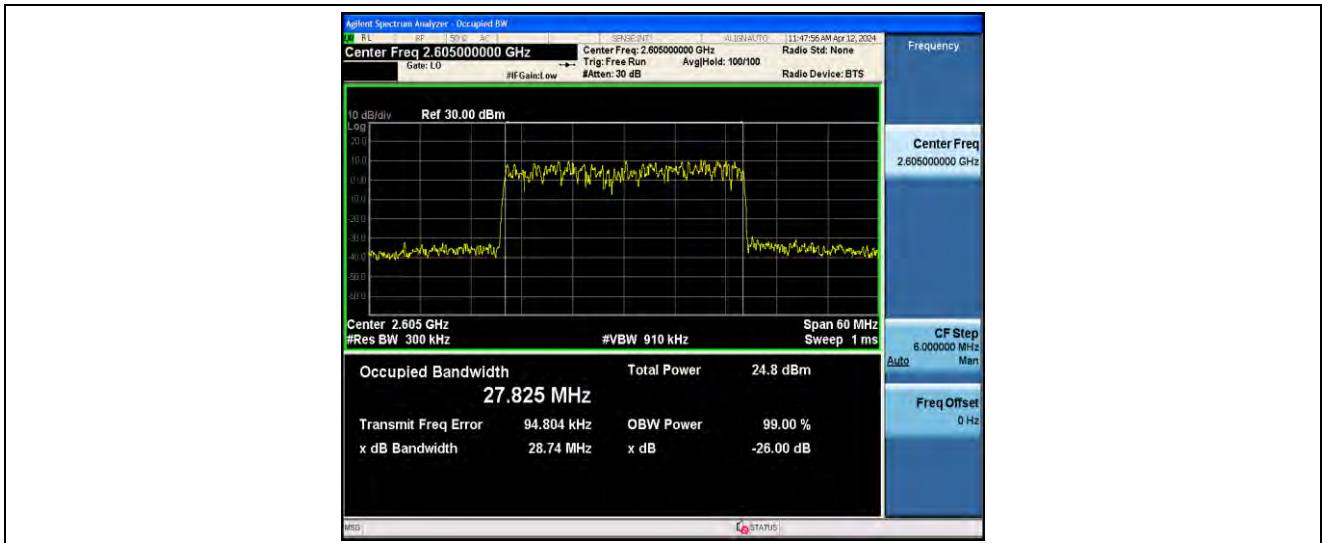
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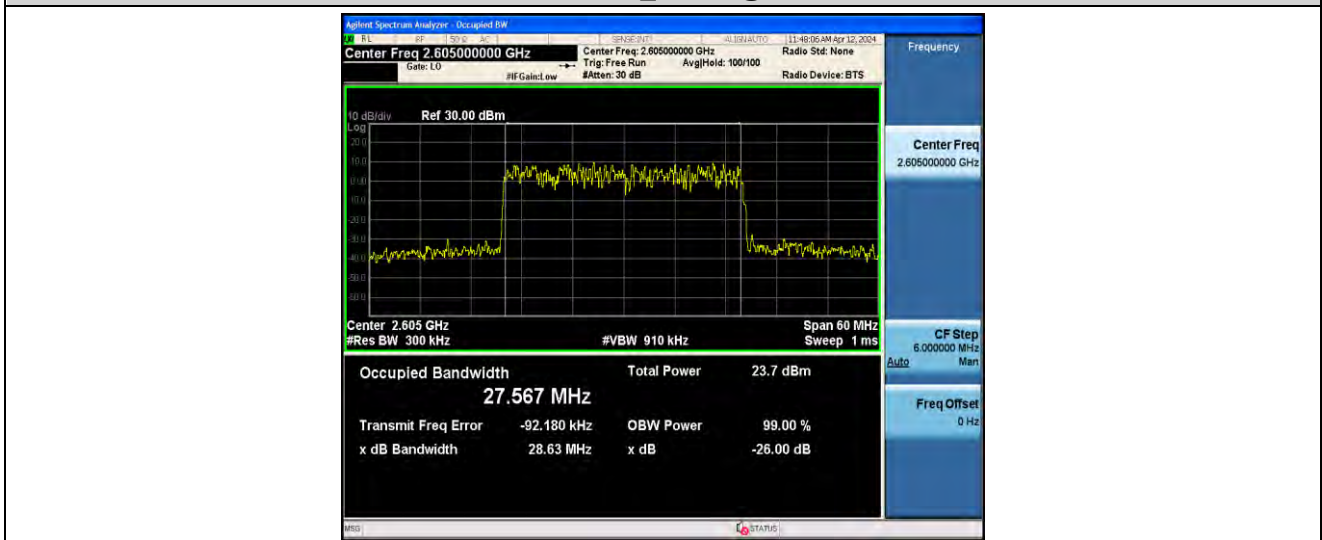


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1-N38-PC3-30-30-H-6-CP-QPSK-Outer\_Full-78@0-ANT0-27.825-28.74-≤30-PASS



1-N38-PC3-30-30-H-7-CP-16QAM-Outer\_Full-78@0-ANT0-27.567-28.63-≤30-PASS



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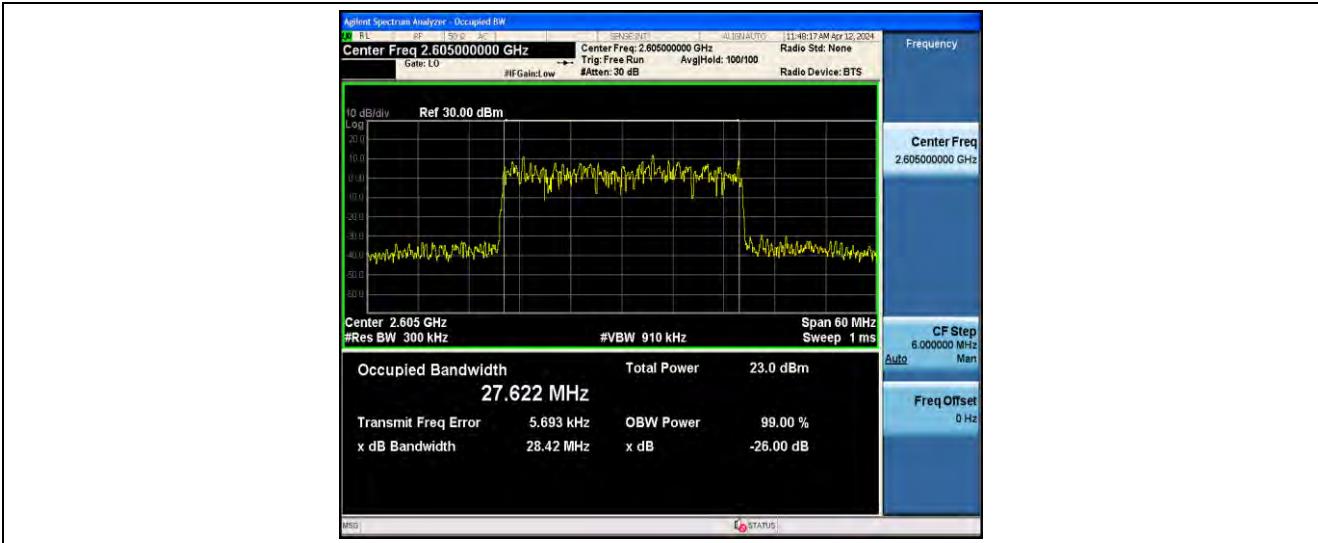
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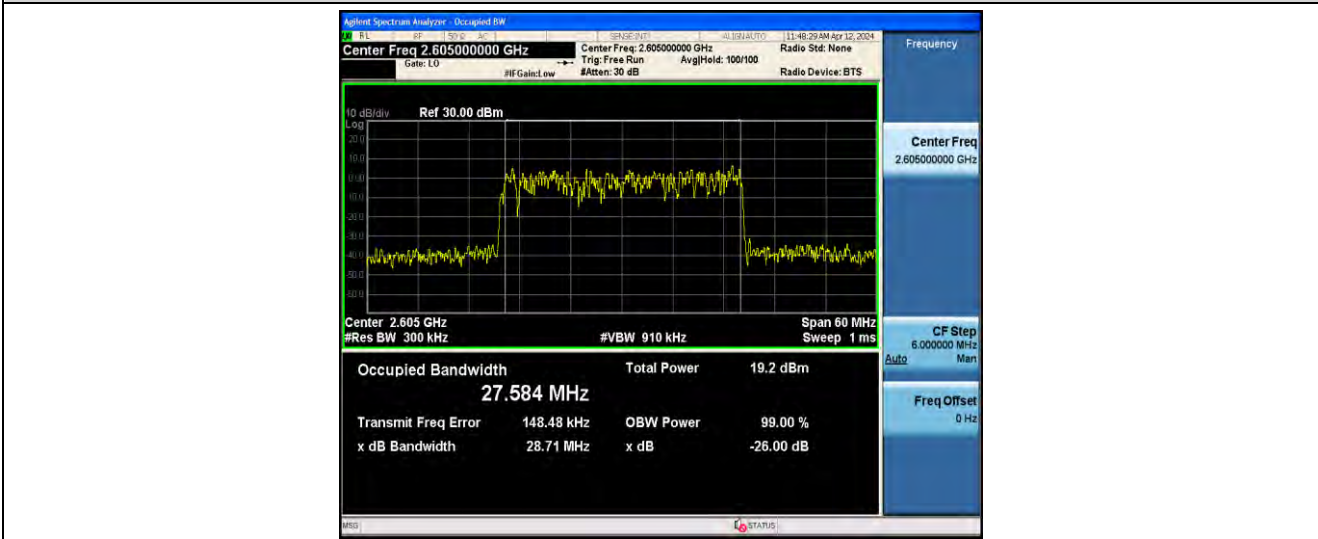


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1-N38-PC3-30-30-H-8-CP-64QAM-Outer\_Full-78@0-ANT0-27.622-28.42-≤30-PASS



1-N38-PC3-30-30-H-9-CP-256QAM-Outer\_Full-78@0-ANT0-27.584-28.71-≤30-PASS



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1-N38-PC3-30-40-L-1-DFT-QPSK-Outer\_Full-100@0-ANT0-35.980-38.32-<40-PASS



1-N38-PC3-30-40-L-3-DFT-16QAM-Outer\_Full-100@0-ANT0-35.881-38.15-<40-PASS



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1-N38-PC3-30-40-L-4-DFT-64QAM-Outer\_Full-100@0-ANT0-35.969-38.19-≤40-PASS



1-N38-PC3-30-40-L-5-DFT-256QAM-Outer\_Full-100@0-ANT0-35.973-38.33-≤40-PASS



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1-N38-PC3-30-40-L-6-CP-QPSK-Outer\_Full-106@0-ANT0-37.976-40.61-≤40-PASS



1-N38-PC3-30-40-L-7-CP-16QAM-Outer\_Full-106@0-ANT0-38.063-40.26-≤40-PASS



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