



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

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# Appendix B.21

## NR Band n2



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

### Test Result

ANT41

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	5	DFT-PI2BPSK	L	1@1	23.51	21.30	33	PASS
N2	15	5	DFT-PI2BPSK	L	1@23	23.38	21.17	33	PASS
N2	15	5	DFT-PI2BPSK	L	25@0	22.93	20.72	33	PASS
N2	15	5	DFT-QPSK	L	1@1	23.43	21.22	33	PASS
N2	15	5	DFT-QPSK	L	1@23	23.24	21.03	33	PASS
N2	15	5	DFT-QPSK	L	25@0	22.75	20.54	33	PASS
N2	15	5	DFT-16QAM	L	1@1	23.09	20.88	33	PASS
N2	15	5	DFT-16QAM	L	1@23	22.94	20.73	33	PASS
N2	15	5	DFT-16QAM	L	25@0	21.91	19.70	33	PASS
N2	15	5	DFT-64QAM	L	1@1	21.57	19.36	33	PASS
N2	15	5	DFT-64QAM	L	1@23	21.35	19.14	33	PASS
N2	15	5	DFT-64QAM	L	25@0	21.33	19.12	33	PASS
N2	15	5	DFT-256QAM	L	1@1	19.14	16.93	33	PASS
N2	15	5	DFT-256QAM	L	1@23	19.03	16.82	33	PASS
N2	15	5	DFT-256QAM	L	25@0	19.26	17.05	33	PASS
N2	15	5	DFT-PI2BPSK	M	1@1	23.69	21.48	33	PASS
N2	15	5	DFT-PI2BPSK	M	1@23	23.57	21.36	33	PASS
N2	15	5	DFT-PI2BPSK	M	25@0	23.22	21.01	33	PASS
N2	15	5	DFT-QPSK	M	1@1	23.70	21.49	33	PASS
N2	15	5	DFT-QPSK	M	1@23	23.56	21.35	33	PASS
N2	15	5	DFT-QPSK	M	25@0	23.06	20.85	33	PASS
N2	15	5	DFT-16QAM	M	1@1	23.30	21.09	33	PASS
N2	15	5	DFT-16QAM	M	1@23	23.22	21.01	33	PASS
N2	15	5	DFT-16QAM	M	25@0	22.13	19.92	33	PASS
N2	15	5	DFT-64QAM	M	1@1	21.61	19.40	33	PASS
N2	15	5	DFT-64QAM	M	1@23	21.58	19.37	33	PASS
N2	15	5	DFT-64QAM	M	25@0	21.53	19.32	33	PASS
N2	15	5	DFT-256QAM	M	1@1	19.34	17.13	33	PASS
N2	15	5	DFT-256QAM	M	1@23	19.31	17.10	33	PASS
N2	15	5	DFT-256QAM	M	25@0	19.51	17.30	33	PASS



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N2	15	5	DFT-PI2BPSK	H	1@1	23.63	21.42	33	PASS
N2	15	5	DFT-PI2BPSK	H	1@23	23.45	21.24	33	PASS
N2	15	5	DFT-PI2BPSK	H	25@0	23.09	20.88	33	PASS
N2	15	5	DFT-QPSK	H	1@1	23.51	21.30	33	PASS
N2	15	5	DFT-QPSK	H	1@23	23.47	21.26	33	PASS
N2	15	5	DFT-QPSK	H	25@0	22.90	20.69	33	PASS
N2	15	5	DFT-16QAM	H	1@1	23.21	21.00	33	PASS
N2	15	5	DFT-16QAM	H	1@23	22.80	20.59	33	PASS
N2	15	5	DFT-16QAM	H	25@0	22.04	19.83	33	PASS
N2	15	5	DFT-64QAM	H	1@1	21.54	19.33	33	PASS
N2	15	5	DFT-64QAM	H	1@23	21.45	19.24	33	PASS
N2	15	5	DFT-64QAM	H	25@0	21.52	19.31	33	PASS
N2	15	5	DFT-256QAM	H	1@1	19.23	17.02	33	PASS
N2	15	5	DFT-256QAM	H	1@23	19.13	16.92	33	PASS
N2	15	5	DFT-256QAM	H	25@0	19.38	17.17	33	PASS
N2	15	10	DFT-PI2BPSK	L	1@1	23.45	21.24	33	PASS
N2	15	10	DFT-PI2BPSK	L	1@50	23.36	21.15	33	PASS
N2	15	10	DFT-PI2BPSK	L	50@0	23.02	20.81	33	PASS
N2	15	10	DFT-QPSK	L	1@1	23.50	21.29	33	PASS
N2	15	10	DFT-QPSK	L	1@50	23.33	21.12	33	PASS
N2	15	10	DFT-QPSK	L	50@0	22.79	20.58	33	PASS
N2	15	10	DFT-16QAM	L	1@1	23.17	20.96	33	PASS
N2	15	10	DFT-16QAM	L	1@50	23.05	20.84	33	PASS
N2	15	10	DFT-16QAM	L	50@0	21.97	19.76	33	PASS
N2	15	10	DFT-64QAM	L	1@1	21.54	19.33	33	PASS
N2	15	10	DFT-64QAM	L	1@50	21.33	19.12	33	PASS
N2	15	10	DFT-64QAM	L	50@0	21.30	19.09	33	PASS
N2	15	10	DFT-256QAM	L	1@1	19.21	17.00	33	PASS
N2	15	10	DFT-256QAM	L	1@50	19.06	16.85	33	PASS
N2	15	10	DFT-256QAM	L	50@0	19.39	17.18	33	PASS
N2	15	10	DFT-PI2BPSK	M	1@1	23.61	21.40	33	PASS
N2	15	10	DFT-PI2BPSK	M	1@50	23.42	21.21	33	PASS
N2	15	10	DFT-PI2BPSK	M	50@0	23.11	20.90	33	PASS
N2	15	10	DFT-QPSK	M	1@1	23.64	21.43	33	PASS
N2	15	10	DFT-QPSK	M	1@50	23.44	21.23	33	PASS
N2	15	10	DFT-QPSK	M	50@0	22.92	20.71	33	PASS



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N2	15	10	DFT-16QAM	M	1@1	23.31	21.10	33	PASS
N2	15	10	DFT-16QAM	M	1@50	23.09	20.88	33	PASS
N2	15	10	DFT-16QAM	M	50@0	22.17	19.96	33	PASS
N2	15	10	DFT-64QAM	M	1@1	21.65	19.44	33	PASS
N2	15	10	DFT-64QAM	M	1@50	21.47	19.26	33	PASS
N2	15	10	DFT-64QAM	M	50@0	21.51	19.30	33	PASS
N2	15	10	DFT-256QAM	M	1@1	19.31	17.10	33	PASS
N2	15	10	DFT-256QAM	M	1@50	19.14	16.93	33	PASS
N2	15	10	DFT-256QAM	M	50@0	19.47	17.26	33	PASS
N2	15	10	DFT-PI2BPSK	H	1@1	23.54	21.33	33	PASS
N2	15	10	DFT-PI2BPSK	H	1@50	23.51	21.30	33	PASS
N2	15	10	DFT-PI2BPSK	H	50@0	23.12	20.91	33	PASS
N2	15	10	DFT-QPSK	H	1@1	23.50	21.29	33	PASS
N2	15	10	DFT-QPSK	H	1@50	23.51	21.30	33	PASS
N2	15	10	DFT-QPSK	H	50@0	22.96	20.75	33	PASS
N2	15	10	DFT-16QAM	H	1@1	23.25	21.04	33	PASS
N2	15	10	DFT-16QAM	H	1@50	22.59	20.38	33	PASS
N2	15	10	DFT-16QAM	H	50@0	22.12	19.91	33	PASS
N2	15	10	DFT-64QAM	H	1@1	21.61	19.40	33	PASS
N2	15	10	DFT-64QAM	H	1@50	21.36	19.15	33	PASS
N2	15	10	DFT-64QAM	H	50@0	21.47	19.26	33	PASS
N2	15	10	DFT-256QAM	H	1@1	19.26	17.05	33	PASS
N2	15	10	DFT-256QAM	H	1@50	19.20	16.99	33	PASS
N2	15	10	DFT-256QAM	H	50@0	19.46	17.25	33	PASS
N2	15	15	DFT-PI2BPSK	L	1@1	23.70	21.49	33	PASS
N2	15	15	DFT-PI2BPSK	L	1@77	23.64	21.43	33	PASS
N2	15	15	DFT-PI2BPSK	L	75@0	23.21	21.00	33	PASS
N2	15	15	DFT-QPSK	L	1@1	23.56	21.35	33	PASS
N2	15	15	DFT-QPSK	L	1@77	23.62	21.41	33	PASS
N2	15	15	DFT-QPSK	L	75@0	22.91	20.70	33	PASS
N2	15	15	DFT-16QAM	L	1@1	23.31	21.10	33	PASS
N2	15	15	DFT-16QAM	L	1@77	23.21	21.00	33	PASS
N2	15	15	DFT-16QAM	L	75@0	22.04	19.83	33	PASS
N2	15	15	DFT-64QAM	L	1@1	21.58	19.37	33	PASS
N2	15	15	DFT-64QAM	L	1@77	21.56	19.35	33	PASS
N2	15	15	DFT-64QAM	L	75@0	21.42	19.21	33	PASS



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N2	15	15	DFT-256QAM	L	1@1	19.25	17.04	33	PASS
N2	15	15	DFT-256QAM	L	1@77	19.27	17.06	33	PASS
N2	15	15	DFT-256QAM	L	75@0	19.48	17.27	33	PASS
N2	15	15	DFT-PI2BPSK	M	1@1	23.81	21.60	33	PASS
N2	15	15	DFT-PI2BPSK	M	1@77	23.68	21.47	33	PASS
N2	15	15	DFT-PI2BPSK	M	75@0	23.35	21.14	33	PASS
N2	15	15	DFT-QPSK	M	1@1	23.80	21.59	33	PASS
N2	15	15	DFT-QPSK	M	1@77	23.69	21.48	33	PASS
N2	15	15	DFT-QPSK	M	75@0	23.11	20.90	33	PASS
N2	15	15	DFT-16QAM	M	1@1	23.47	21.26	33	PASS
N2	15	15	DFT-16QAM	M	1@77	23.36	21.15	33	PASS
N2	15	15	DFT-16QAM	M	75@0	22.33	20.12	33	PASS
N2	15	15	DFT-64QAM	M	1@1	21.77	19.56	33	PASS
N2	15	15	DFT-64QAM	M	1@77	21.69	19.48	33	PASS
N2	15	15	DFT-64QAM	M	75@0	21.63	19.42	33	PASS
N2	15	15	DFT-256QAM	M	1@1	19.45	17.24	33	PASS
N2	15	15	DFT-256QAM	M	1@77	19.38	17.17	33	PASS
N2	15	15	DFT-256QAM	M	75@0	19.69	17.48	33	PASS
N2	15	15	DFT-PI2BPSK	H	1@1	23.63	21.42	33	PASS
N2	15	15	DFT-PI2BPSK	H	1@77	23.61	21.40	33	PASS
N2	15	15	DFT-PI2BPSK	H	75@0	23.13	20.92	33	PASS
N2	15	15	DFT-QPSK	H	1@1	23.55	21.34	33	PASS
N2	15	15	DFT-QPSK	H	1@77	23.36	21.15	33	PASS
N2	15	15	DFT-QPSK	H	75@0	22.97	20.76	33	PASS
N2	15	15	DFT-16QAM	H	1@1	23.26	21.05	33	PASS
N2	15	15	DFT-16QAM	H	1@77	22.57	20.36	33	PASS
N2	15	15	DFT-16QAM	H	75@0	22.18	19.97	33	PASS
N2	15	15	DFT-64QAM	H	1@1	21.60	19.39	33	PASS
N2	15	15	DFT-64QAM	H	1@77	21.26	19.05	33	PASS
N2	15	15	DFT-64QAM	H	75@0	21.50	19.29	33	PASS
N2	15	15	DFT-256QAM	H	1@1	19.27	17.06	33	PASS
N2	15	15	DFT-256QAM	H	1@77	19.29	17.08	33	PASS
N2	15	15	DFT-256QAM	H	75@0	19.55	17.34	33	PASS
N2	15	20	DFT-PI2BPSK	L	1@1	23.59	21.38	33	PASS
N2	15	20	DFT-PI2BPSK	L	1@104	23.71	21.50	33	PASS
N2	15	20	DFT-PI2BPSK	L	100@0	23.18	20.97	33	PASS



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N2	15	20	DFT-QPSK	L	1@1	23.61	21.40	33	PASS
N2	15	20	DFT-QPSK	L	1@104	23.73	21.52	33	PASS
N2	15	20	DFT-QPSK	L	100@0	22.98	20.77	33	PASS
N2	15	20	DFT-16QAM	L	1@1	23.24	21.03	33	PASS
N2	15	20	DFT-16QAM	L	1@104	23.46	21.25	33	PASS
N2	15	20	DFT-16QAM	L	100@0	22.14	19.93	33	PASS
N2	15	20	DFT-64QAM	L	1@1	21.61	19.40	33	PASS
N2	15	20	DFT-64QAM	L	1@104	21.69	19.48	33	PASS
N2	15	20	DFT-64QAM	L	100@0	21.40	19.19	33	PASS
N2	15	20	DFT-256QAM	L	1@1	19.27	17.06	33	PASS
N2	15	20	DFT-256QAM	L	1@104	19.47	17.26	33	PASS
N2	15	20	DFT-256QAM	L	100@0	19.46	17.25	33	PASS
N2	15	20	DFT-PI2BPSK	M	1@1	23.76	21.55	33	PASS
N2	15	20	DFT-PI2BPSK	M	1@104	23.68	21.47	33	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	23.31	21.10	33	PASS
N2	15	20	DFT-QPSK	M	1@1	23.76	21.55	33	PASS
N2	15	20	DFT-QPSK	M	1@104	23.62	21.41	33	PASS
N2	15	20	DFT-QPSK	M	100@0	23.09	20.88	33	PASS
N2	15	20	DFT-16QAM	M	1@1	23.42	21.21	33	PASS
N2	15	20	DFT-16QAM	M	1@104	23.29	21.08	33	PASS
N2	15	20	DFT-16QAM	M	100@0	22.39	20.18	33	PASS
N2	15	20	DFT-64QAM	M	1@1	21.78	19.57	33	PASS
N2	15	20	DFT-64QAM	M	1@104	21.61	19.40	33	PASS
N2	15	20	DFT-64QAM	M	100@0	21.60	19.39	33	PASS
N2	15	20	DFT-256QAM	M	1@1	19.47	17.26	33	PASS
N2	15	20	DFT-256QAM	M	1@104	19.30	17.09	33	PASS
N2	15	20	DFT-256QAM	M	100@0	19.75	17.54	33	PASS
N2	15	20	DFT-PI2BPSK	H	1@1	23.66	21.45	33	PASS
N2	15	20	DFT-PI2BPSK	H	1@104	23.62	21.41	33	PASS
N2	15	20	DFT-PI2BPSK	H	100@0	23.16	20.95	33	PASS
N2	15	20	DFT-QPSK	H	1@1	23.59	21.38	33	PASS
N2	15	20	DFT-QPSK	H	1@104	23.40	21.19	33	PASS
N2	15	20	DFT-QPSK	H	100@0	22.98	20.77	33	PASS
N2	15	20	DFT-16QAM	H	1@1	23.23	21.02	33	PASS
N2	15	20	DFT-16QAM	H	1@104	22.55	20.34	33	PASS
N2	15	20	DFT-16QAM	H	100@0	22.23	20.02	33	PASS



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N2	15	20	DFT-64QAM	H	1@1	21.56	19.35	33	PASS
N2	15	20	DFT-64QAM	H	1@104	21.25	19.04	33	PASS
N2	15	20	DFT-64QAM	H	100@0	21.48	19.27	33	PASS
N2	15	20	DFT-256QAM	H	1@1	19.35	17.14	33	PASS
N2	15	20	DFT-256QAM	H	1@104	19.27	17.06	33	PASS
N2	15	20	DFT-256QAM	H	100@0	19.56	17.35	33	PASS



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

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

**Test Graphs**



1-N2-PC3-15-20-L-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-6.43-PASS



1-N2-PC3-15-20-L-2-NS\_01-CP-256QAM-Outer\_Full-106@0-6.90-PASS



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1-N2-PC3-15-20-M-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-6.45-PASS



1-N2-PC3-15-20-M-2-NS\_01-CP-256QAM-Outer\_Full-106@0-6.90-PASS



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1-N2-PC3-15-20-H-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-6.53-PASS



1-N2-PC3-15-20-H-2-NS\_01-CP-256QAM-Outer\_Full-106@0-7.29-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
N2	15	5	DFT-QPSK	L	25@0	4.5050	5.234	PASS
N2	15	5	DFT-PI2BPSK	L	25@0	4.4960	5.135	PASS
N2	15	5	DFT-16QAM	L	25@0	4.5353	5.160	PASS
N2	15	5	DFT-64QAM	L	25@0	4.4922	5.118	PASS
N2	15	5	DFT-256QAM	L	25@0	4.4958	5.194	PASS
N2	15	5	CP-QPSK	L	25@0	4.4932	5.060	PASS
N2	15	5	CP-16QAM	L	25@0	4.5398	5.231	PASS
N2	15	5	CP-64QAM	L	25@0	4.4864	5.100	PASS
N2	15	5	CP-256QAM	L	25@0	4.5046	5.266	PASS
N2	15	5	DFT-QPSK	M	25@0	4.4959	5.204	PASS
N2	15	5	DFT-PI2BPSK	M	25@0	4.4890	5.061	PASS
N2	15	5	DFT-16QAM	M	25@0	4.4975	5.222	PASS
N2	15	5	DFT-64QAM	M	25@0	4.4889	5.220	PASS
N2	15	5	DFT-256QAM	M	25@0	4.5102	5.206	PASS
N2	15	5	CP-QPSK	M	25@0	4.4952	5.143	PASS
N2	15	5	CP-16QAM	M	25@0	4.5218	5.366	PASS
N2	15	5	CP-64QAM	M	25@0	4.4831	5.066	PASS
N2	15	5	CP-256QAM	M	25@0	4.5133	5.229	PASS
N2	15	5	DFT-QPSK	H	25@0	4.4903	5.141	PASS
N2	15	5	DFT-PI2BPSK	H	25@0	4.5083	5.148	PASS
N2	15	5	DFT-16QAM	H	25@0	4.5031	5.253	PASS
N2	15	5	DFT-64QAM	H	25@0	4.4705	4.924	PASS
N2	15	5	DFT-256QAM	H	25@0	4.4853	5.288	PASS
N2	15	5	CP-QPSK	H	25@0	4.5022	5.193	PASS
N2	15	5	CP-16QAM	H	25@0	4.5295	5.170	PASS
N2	15	5	CP-64QAM	H	25@0	4.4881	5.195	PASS
N2	15	5	CP-256QAM	H	25@0	4.5191	5.102	PASS
N2	15	10	DFT-QPSK	L	50@0	8.9351	9.667	PASS
N2	15	10	DFT-PI2BPSK	L	50@0	8.9013	9.489	PASS
N2	15	10	DFT-16QAM	L	50@0	8.9155	9.561	PASS



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N2	15	10	DFT-64QAM	L	50@0	8.8964	9.553	PASS
N2	15	10	DFT-256QAM	L	50@0	8.8947	9.636	PASS
N2	15	10	CP-QPSK	L	52@0	9.2777	9.996	PASS
N2	15	10	CP-16QAM	L	52@0	9.2966	10.01	PASS
N2	15	10	CP-64QAM	L	52@0	9.2718	9.964	PASS
N2	15	10	CP-256QAM	L	52@0	9.2884	10.04	PASS
N2	15	10	DFT-QPSK	M	50@0	8.9212	9.717	PASS
N2	15	10	DFT-PI2BPSK	M	50@0	8.9159	9.594	PASS
N2	15	10	DFT-16QAM	M	50@0	8.9069	9.543	PASS
N2	15	10	DFT-64QAM	M	50@0	8.9212	9.554	PASS
N2	15	10	DFT-256QAM	M	50@0	8.9019	9.653	PASS
N2	15	10	CP-QPSK	M	52@0	9.2834	10.04	PASS
N2	15	10	CP-16QAM	M	52@0	9.2943	10.03	PASS
N2	15	10	CP-64QAM	M	52@0	9.2750	9.979	PASS
N2	15	10	CP-256QAM	M	52@0	9.2881	9.953	PASS
N2	15	10	DFT-QPSK	H	50@0	8.8956	9.594	PASS
N2	15	10	DFT-PI2BPSK	H	50@0	8.8879	9.466	PASS
N2	15	10	DFT-16QAM	H	50@0	8.8897	9.365	PASS
N2	15	10	DFT-64QAM	H	50@0	8.8930	9.574	PASS
N2	15	10	DFT-256QAM	H	50@0	8.8798	9.541	PASS
N2	15	10	CP-QPSK	H	52@0	9.2689	9.880	PASS
N2	15	10	CP-16QAM	H	52@0	9.2806	10.12	PASS
N2	15	10	CP-64QAM	H	52@0	9.2580	9.976	PASS
N2	15	10	CP-256QAM	H	52@0	9.2797	9.948	PASS
N2	15	15	DFT-QPSK	L	75@0	13.476	14.65	PASS
N2	15	15	DFT-PI2BPSK	L	75@0	13.479	14.52	PASS
N2	15	15	DFT-16QAM	L	75@0	13.505	14.48	PASS
N2	15	15	DFT-64QAM	L	75@0	13.480	14.57	PASS
N2	15	15	DFT-256QAM	L	75@0	13.474	14.24	PASS
N2	15	15	CP-QPSK	L	79@0	14.123	15.09	PASS
N2	15	15	CP-16QAM	L	79@0	14.179	15.17	PASS
N2	15	15	CP-64QAM	L	79@0	14.159	15.07	PASS
N2	15	15	CP-256QAM	L	79@0	14.131	15.09	PASS
N2	15	15	DFT-QPSK	M	75@0	13.457	14.49	PASS
N2	15	15	DFT-PI2BPSK	M	75@0	13.439	14.49	PASS
N2	15	15	DFT-16QAM	M	75@0	13.527	14.48	PASS



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N2	15	15	DFT-64QAM	M	75@0	13.423	14.48	PASS
N2	15	15	DFT-256QAM	M	75@0	13.457	14.36	PASS
N2	15	15	CP-QPSK	M	79@0	14.136	15.18	PASS
N2	15	15	CP-16QAM	M	79@0	14.152	15.07	PASS
N2	15	15	CP-64QAM	M	79@0	14.165	14.96	PASS
N2	15	15	CP-256QAM	M	79@0	14.114	15.22	PASS
N2	15	15	DFT-QPSK	H	75@0	13.444	14.39	PASS
N2	15	15	DFT-PI2BPSK	H	75@0	13.429	14.32	PASS
N2	15	15	DFT-16QAM	H	75@0	13.510	14.49	PASS
N2	15	15	DFT-64QAM	H	75@0	13.431	14.38	PASS
N2	15	15	DFT-256QAM	H	75@0	13.431	14.36	PASS
N2	15	15	CP-QPSK	H	79@0	14.134	15.07	PASS
N2	15	15	CP-16QAM	H	79@0	14.116	15.13	PASS
N2	15	15	CP-64QAM	H	79@0	14.079	14.98	PASS
N2	15	15	CP-256QAM	H	79@0	14.147	14.95	PASS
N2	15	20	DFT-QPSK	L	100@0	17.914	19.01	PASS
N2	15	20	DFT-PI2BPSK	L	100@0	17.958	18.87	PASS
N2	15	20	DFT-16QAM	L	100@0	17.891	18.85	PASS
N2	15	20	DFT-64QAM	L	100@0	17.937	18.97	PASS
N2	15	20	DFT-256QAM	L	100@0	17.919	19.04	PASS
N2	15	20	CP-QPSK	L	106@0	18.957	20.16	PASS
N2	15	20	CP-16QAM	L	106@0	18.991	19.92	PASS
N2	15	20	CP-64QAM	L	106@0	18.912	19.98	PASS
N2	15	20	CP-256QAM	L	106@0	18.960	20.03	PASS
N2	15	20	DFT-QPSK	M	100@0	17.912	19.00	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	17.874	18.87	PASS
N2	15	20	DFT-16QAM	M	100@0	17.889	18.94	PASS
N2	15	20	DFT-64QAM	M	100@0	17.942	19.03	PASS
N2	15	20	DFT-256QAM	M	100@0	17.903	19.07	PASS
N2	15	20	CP-QPSK	M	106@0	18.906	19.89	PASS
N2	15	20	CP-16QAM	M	106@0	18.943	20.00	PASS
N2	15	20	CP-64QAM	M	106@0	18.932	19.84	PASS
N2	15	20	CP-256QAM	M	106@0	18.988	20.02	PASS
N2	15	20	DFT-QPSK	H	100@0	17.880	18.97	PASS
N2	15	20	DFT-PI2BPSK	H	100@0	17.897	18.78	PASS
N2	15	20	DFT-16QAM	H	100@0	17.911	18.78	PASS



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N2	15	20	DFT-64QAM	H	100@0	17.884	18.92	PASS
N2	15	20	DFT-256QAM	H	100@0	17.875	18.88	PASS
N2	15	20	CP-QPSK	H	106@0	18.922	20.03	PASS
N2	15	20	CP-16QAM	H	106@0	18.895	20.00	PASS
N2	15	20	CP-64QAM	H	106@0	18.889	20.01	PASS
N2	15	20	CP-256QAM	H	106@0	18.905	19.78	PASS



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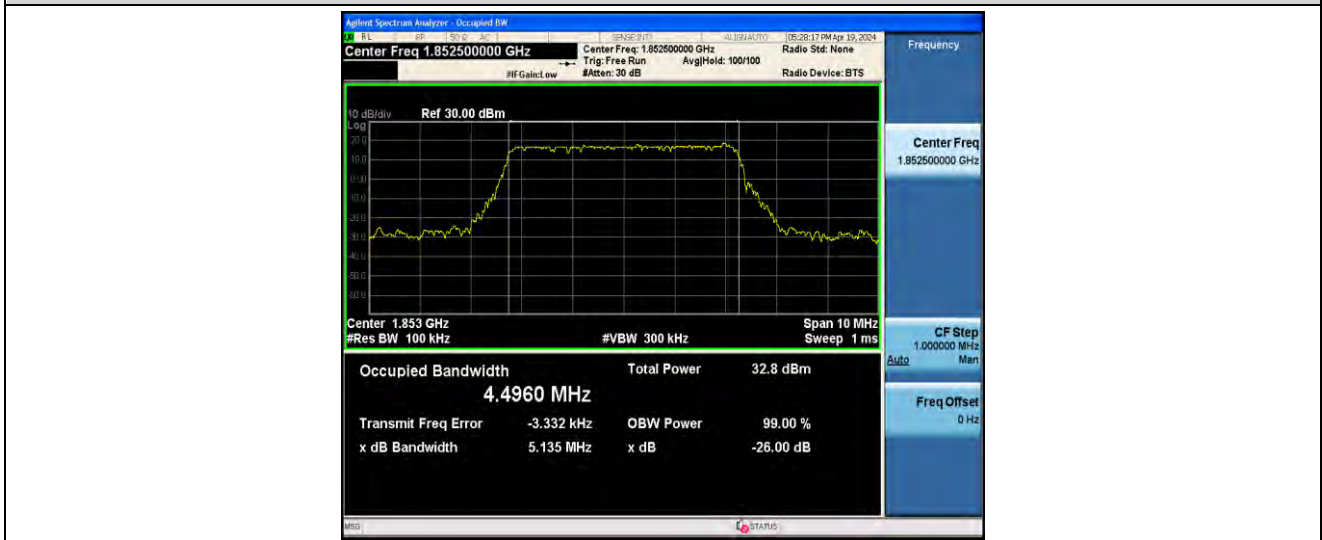
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**Test Graphs**



1-N2-PC3-15-5-L-1-DFT-QPSK-Outer\_Full-25@0-ANT41-4.5050-5.234-≤5-PASS



1-N2-PC3-15-5-L-2-DFT-PI2BPSK-Outer\_Full-25@0-ANT41-4.4960-5.135-≤5-PASS



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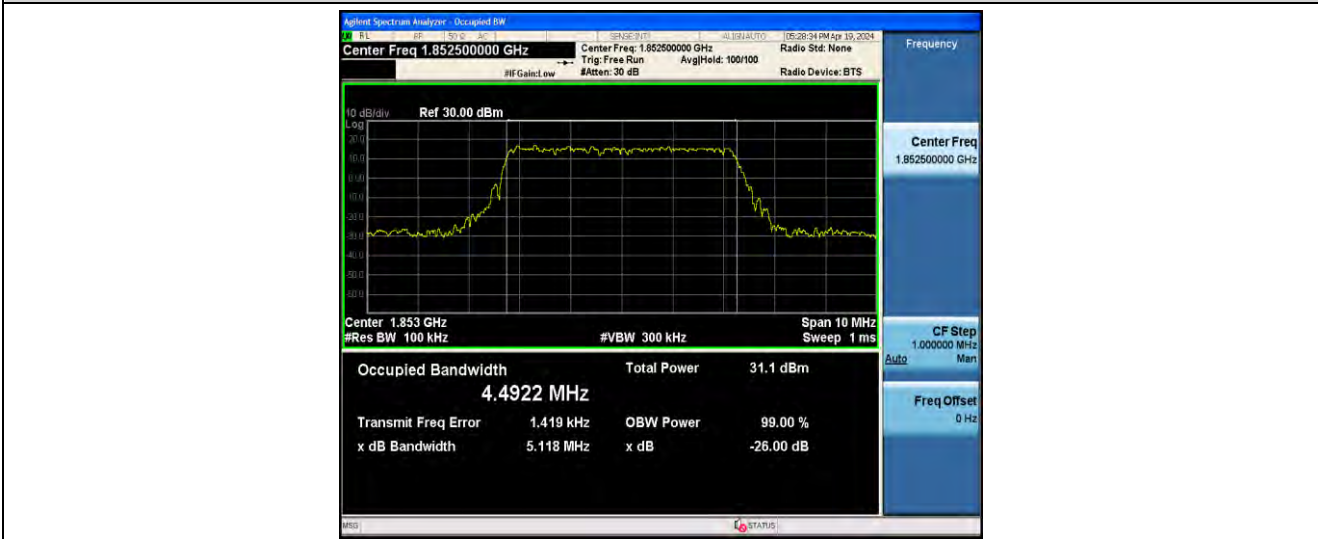


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1-N2-PC3-15-5-L-3-DFT-16QAM-Outer\_Full-25@0-ANT41-4.5353-5.160-≤5-PASS



1-N2-PC3-15-5-L-4-DFT-64QAM-Outer\_Full-25@0-ANT41-4.4922-5.118-≤5-PASS



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1-N2-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-ANT41-4.4958-5.194-≤5-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-ANT41-4.4932-5.060-≤5-PASS



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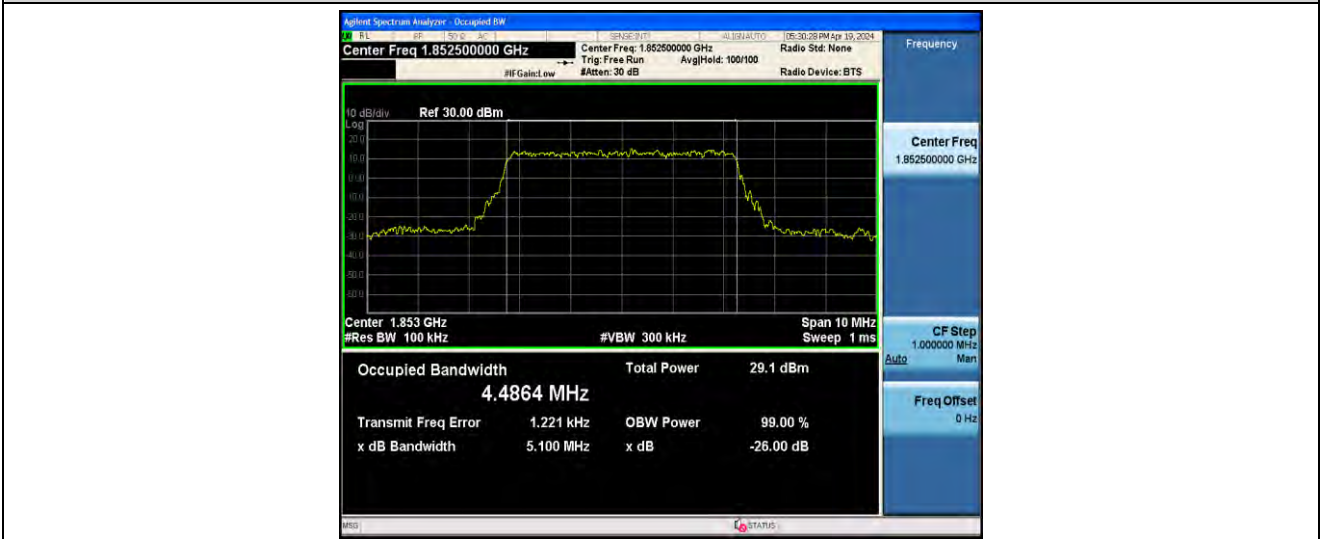


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1-N2-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-ANT41-4.5398-5.231-≤5-PASS



1-N2-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-ANT41-4.4864-5.100-≤5-PASS



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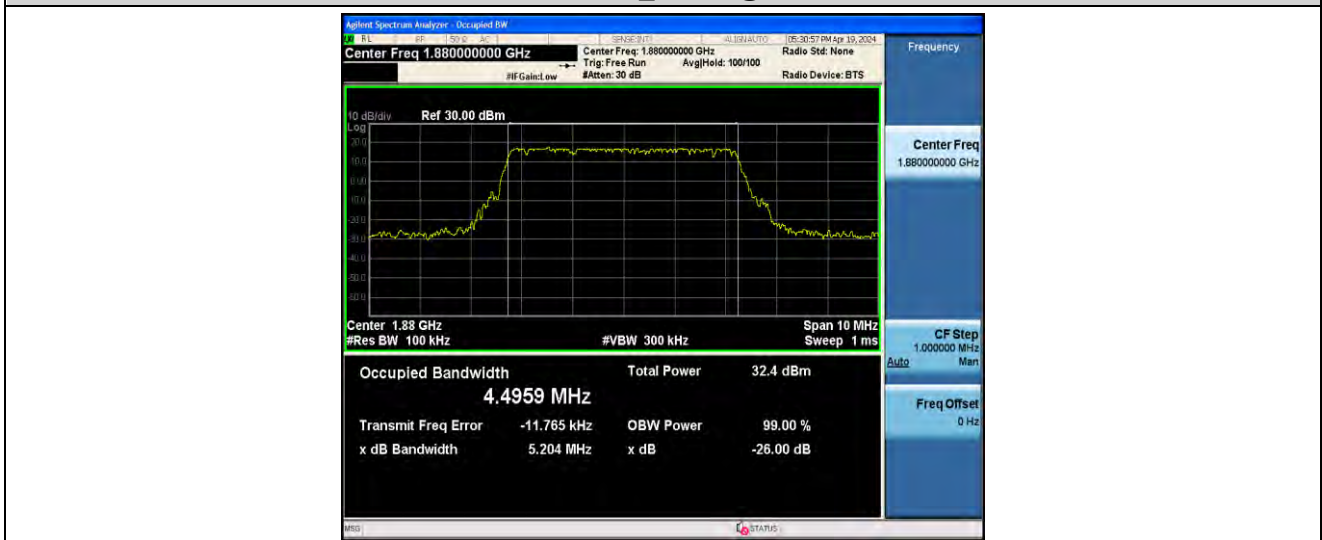


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1-N2-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-ANT41-4.5046-5.266-≤5-PASS



1-N2-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-ANT41-4.4959-5.204-≤5-PASS



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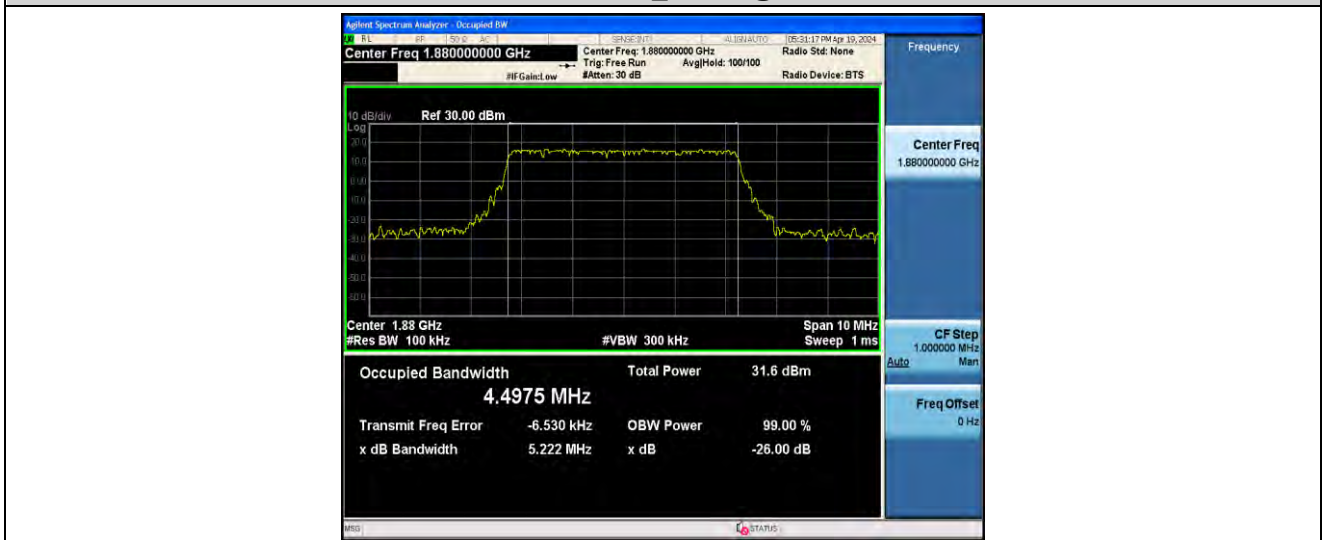


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1-N2-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-ANT41-4.4890-5.061-≤5-PASS



1-N2-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-ANT41-4.4975-5.222-≤5-PASS



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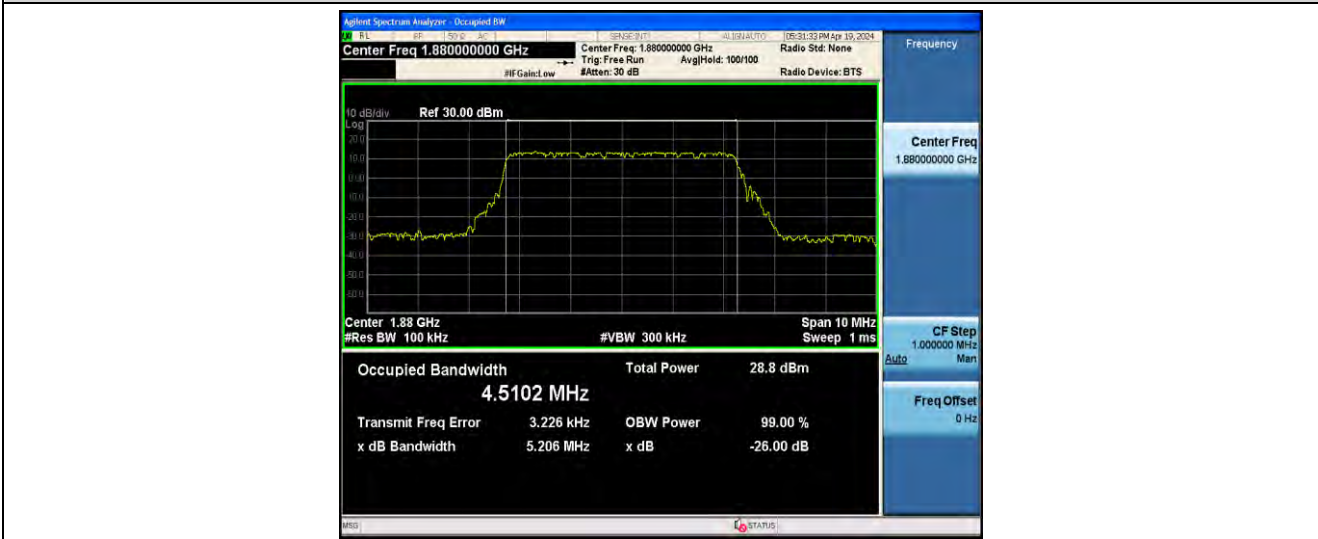


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1-N2-PC3-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-ANT41-4.4889-5.220-≤5-PASS



1-N2-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-ANT41-4.5102-5.206-≤5-PASS



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1-N2-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-ANT41-4.4952-5.143-≤5-PASS



1-N2-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-ANT41-4.5218-5.366-≤5-PASS



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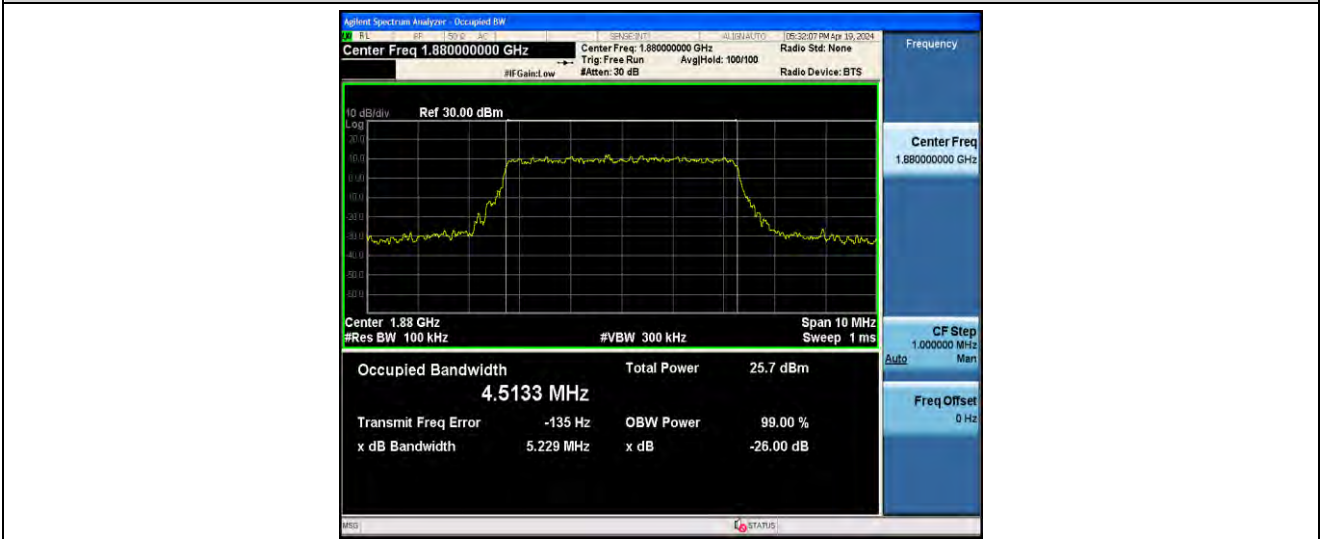


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1-N2-PC3-15-5-M-8-CP-64QAM-Outer\_Full-25@0-ANT41-4.4831-5.066-≤5-PASS



1-N2-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-ANT41-4.5133-5.229-≤5-PASS



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1-N2-PC3-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-ANT41-4.4903-5.141-5-PASS



1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-ANT41-4.5083-5.148-5-PASS



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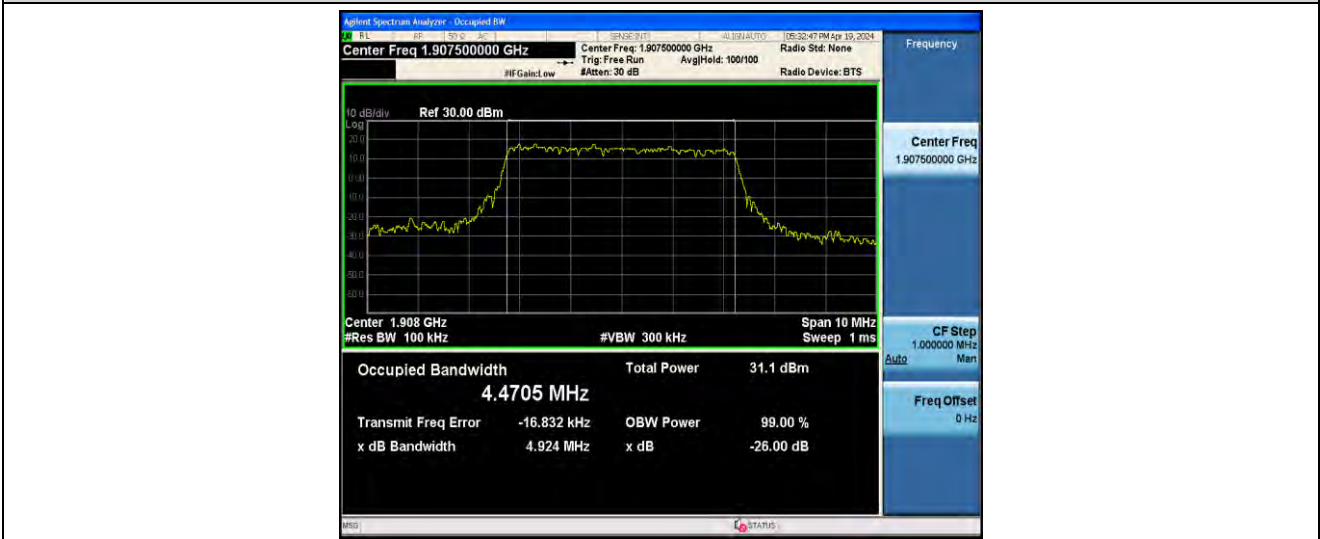


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1-N2-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-ANT41-4.5031-5.253-≤5-PASS



1-N2-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-ANT41-4.4705-4.924-≤5-PASS



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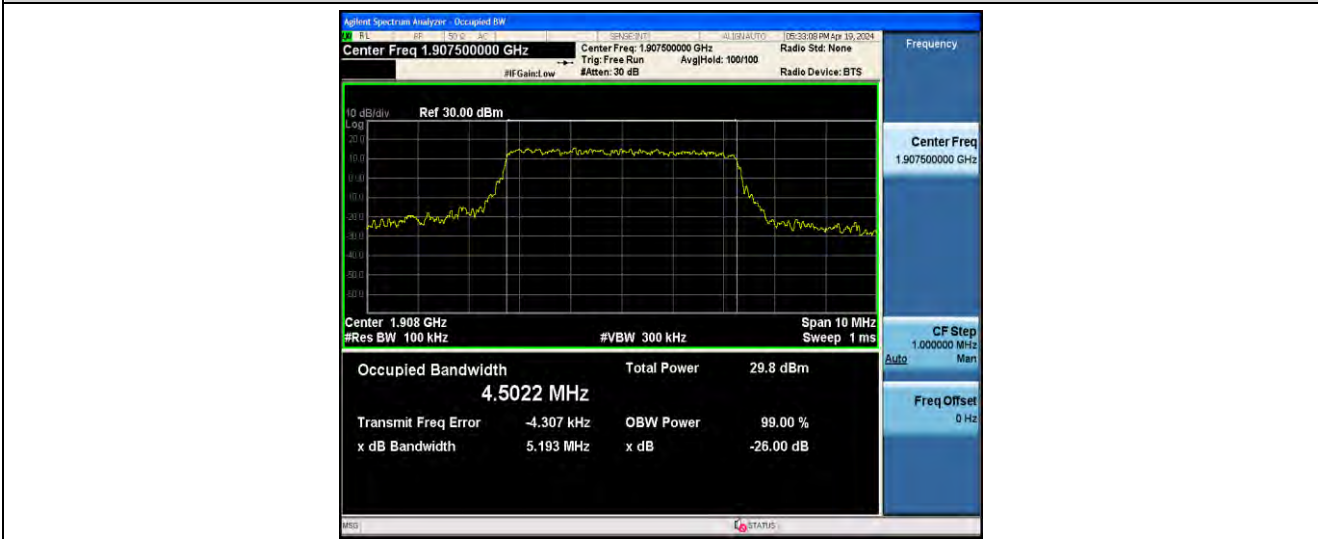


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1-N2-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-ANT41-4.4853-5.288-≤5-PASS



1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-ANT41-4.5022-5.193-≤5-PASS



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1-N2-PC3-15-5-H-7-CP-16QAM-Outer\_Full-25@0-ANT41-4.5295-5.170-≤5-PASS



1-N2-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-ANT41-4.4881-5.195-≤5-PASS



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1-N2-PC3-15-5-H-9-CP-256QAM-Outer\_Full-25@0-ANT41-4.5191-5.102-<5-PASS



1-N2-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-ANT41-8.9351-9.667-<10-PASS



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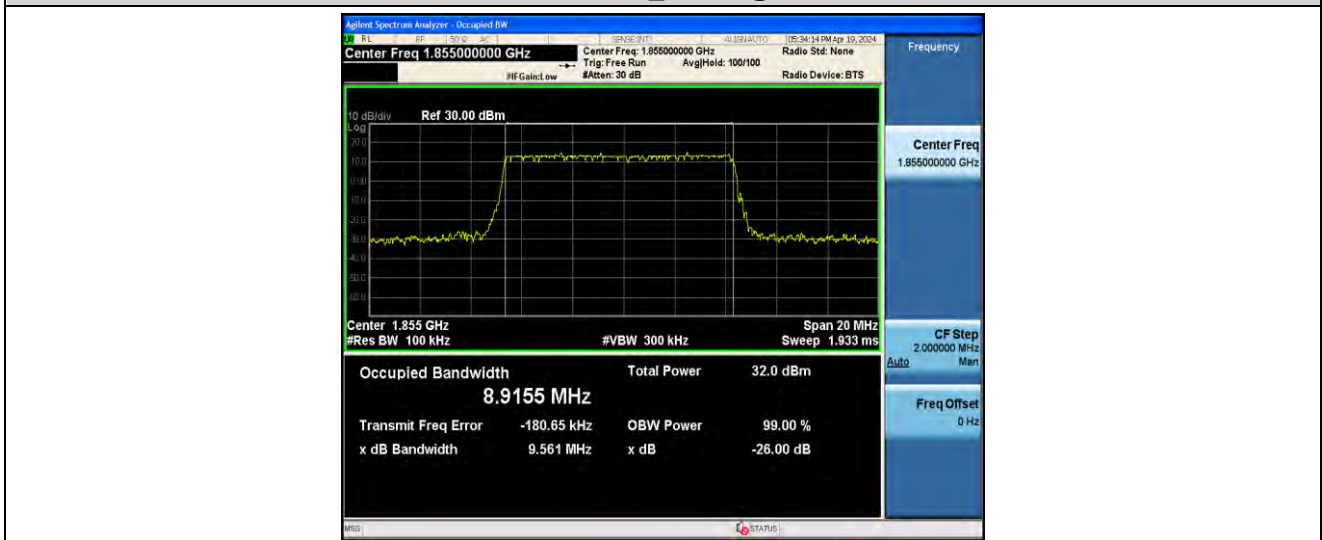


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1-N2-PC3-15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-ANT41-8.9013-9.489-≤10-PASS



1-N2-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-ANT41-8.9155-9.561-≤10-PASS



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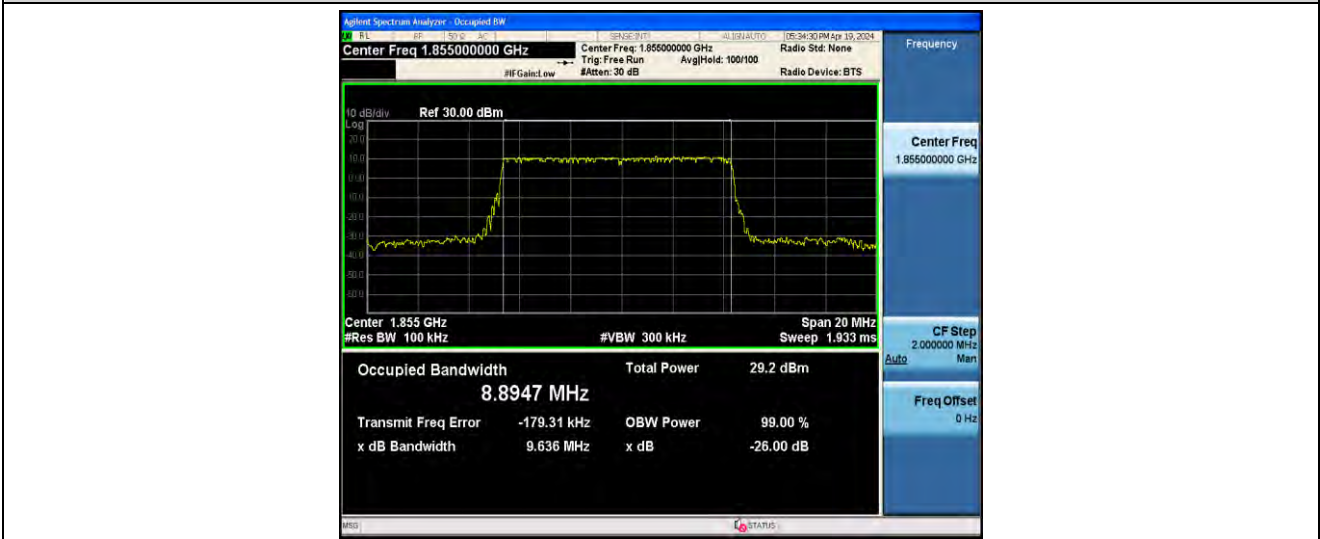


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1-N2-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-ANT41-8.8964-9.553-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-ANT41-8.8947-9.636-≤10-PASS



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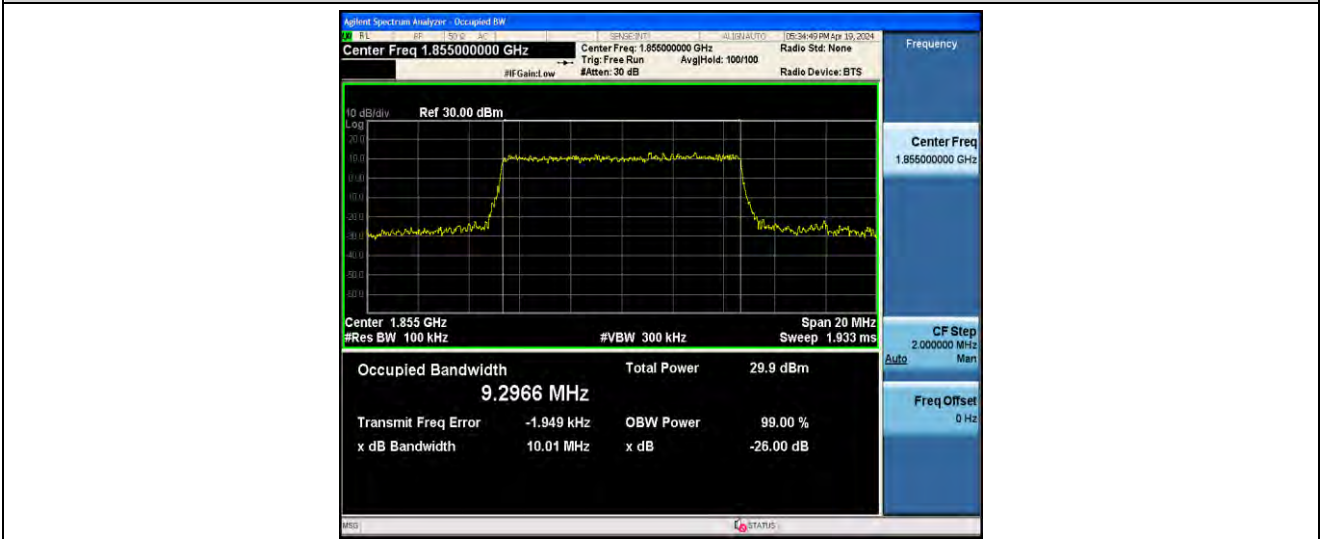


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1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-ANT41-9.2777-9.996-≤10-PASS



1-N2-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-ANT41-9.2966-10.01-≤10-PASS



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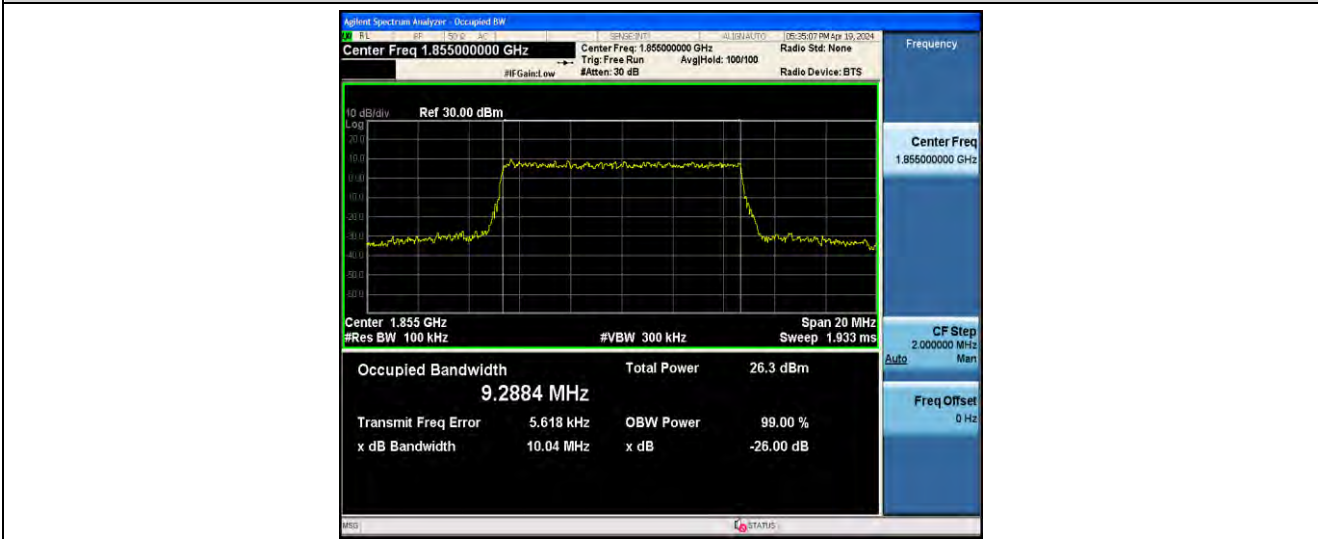


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1-N2-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-ANT41-9.2718-9.964-≤10-PASS



1-N2-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-ANT41-9.2884-10.04-≤10-PASS



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1-N2-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-ANT41-8.9212-9.717-≤10-PASS



1-N2-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-ANT41-8.9159-9.594-≤10-PASS



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1-N2-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-ANT41-8.9069-9.543-≤10-PASS



1-N2-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-ANT41-8.9212-9.554-≤10-PASS



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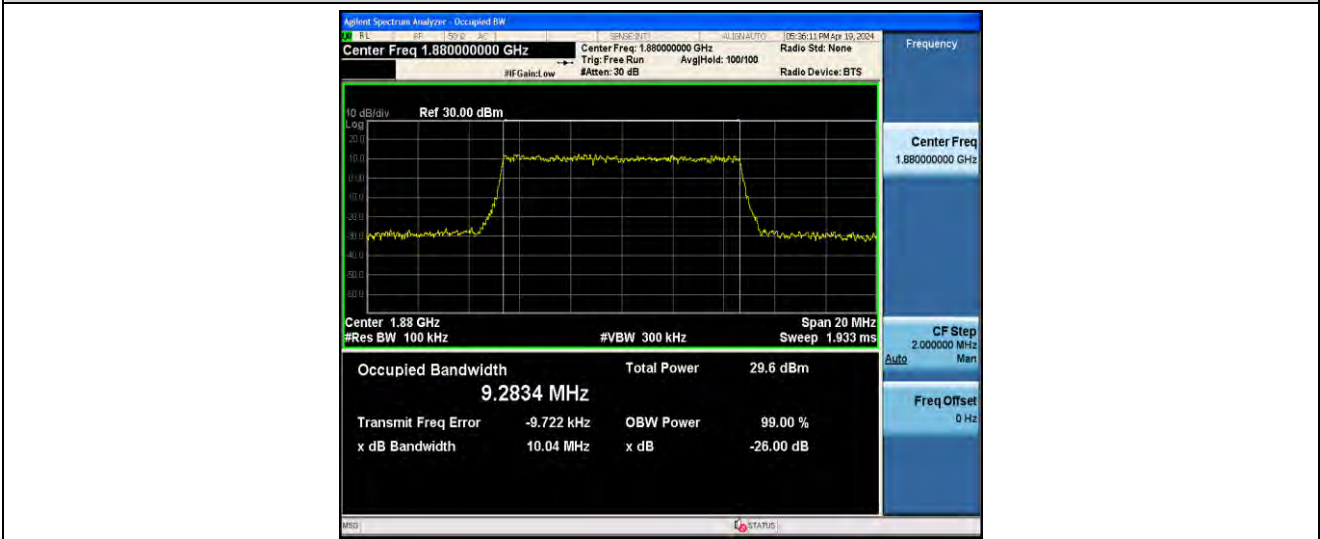


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1-N2-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-ANT41-9.2834-10.04-≤10-PASS



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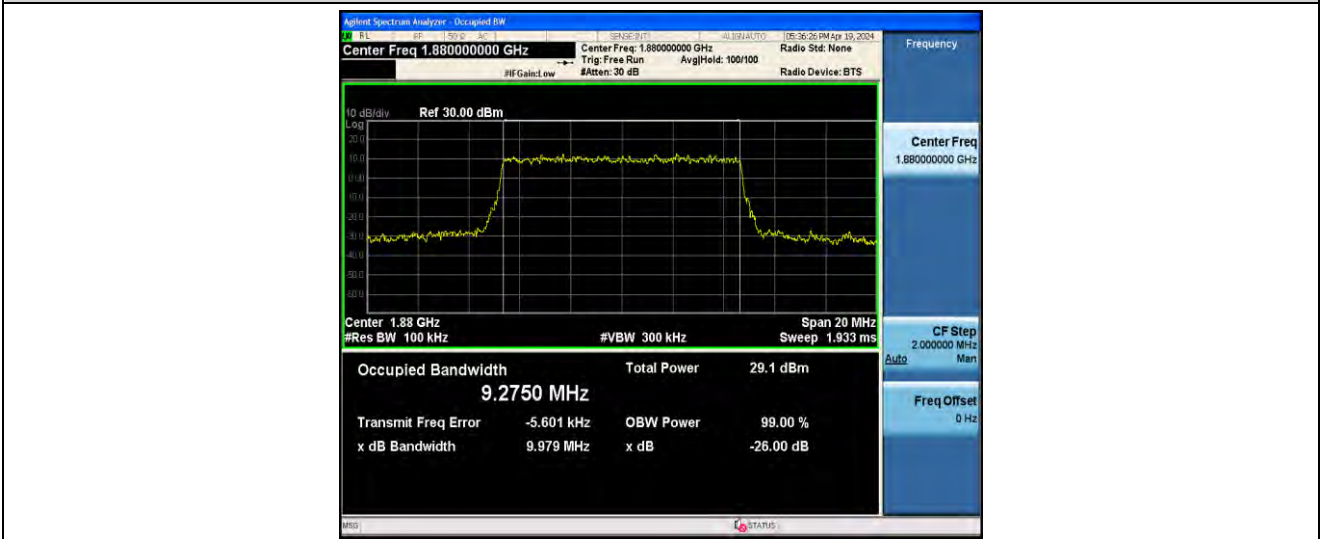


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1-N2-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-ANT41-9.2943-10.03-≤10-PASS



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1-N2-PC3-15-10-M-9-CP-256QAM-Outer\_Full-52@0-ANT41-9.2881-9.953-≤10-PASS



1-N2-PC3-15-10-H-1-DFT-QPSK-Outer\_Full-50@0-ANT41-8.8956-9.594-≤10-PASS



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1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0-ANT41-8.8879-9.466-≤10-PASS



1-N2-PC3-15-10-H-3-DFT-16QAM-Outer\_Full-50@0-ANT41-8.8897-9.365-≤10-PASS



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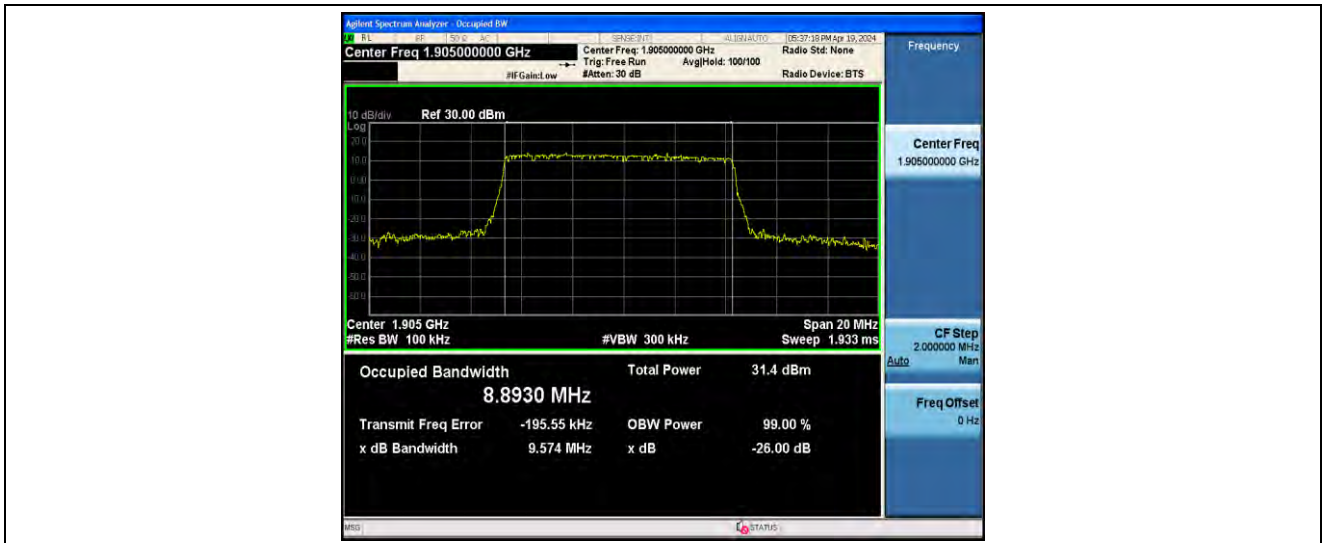
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1-N2-PC3-15-10-H-4-DFT-64QAM-Outer\_Full-50@0-ANT41-8.8930-9.574-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-ANT41-8.8798-9.541-≤10-PASS



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1-N2-PC3-15-10-H-7-CP-16QAM-Outer\_Full-52@0-ANT41-9.2806-10.12-≤10-PASS



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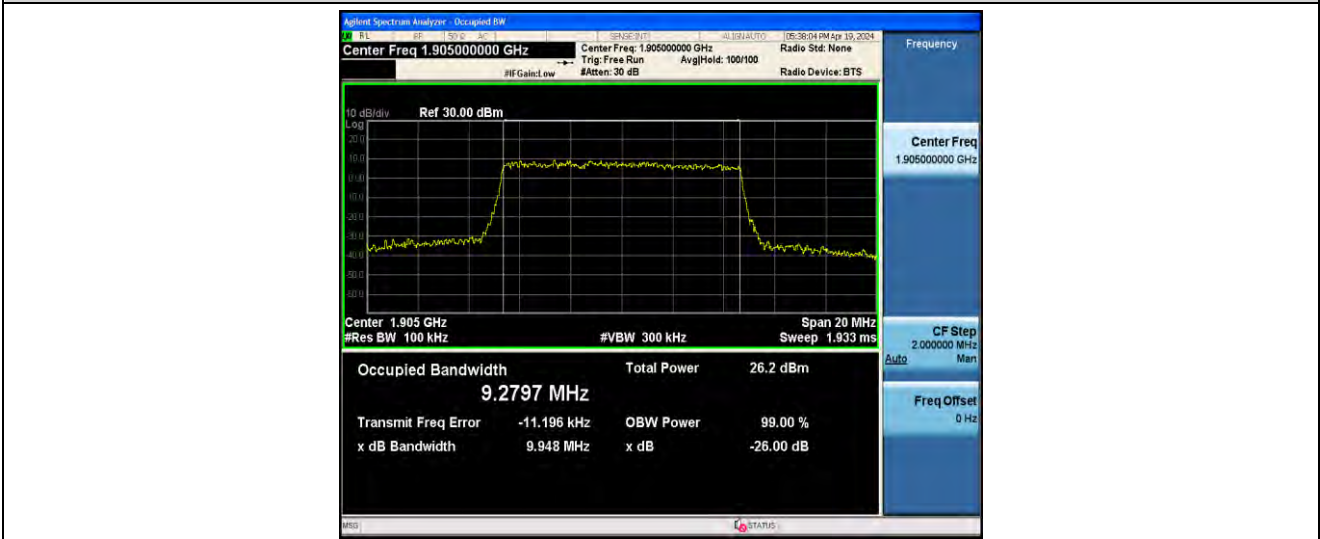


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1-N2-PC3-15-10-H-8-CP-64QAM-Outer\_Full-52@0-ANT41-9.2580-9.976-≤10-PASS



1-N2-PC3-15-10-H-9-CP-256QAM-Outer\_Full-52@0-ANT41-9.2797-9.948-≤10-PASS



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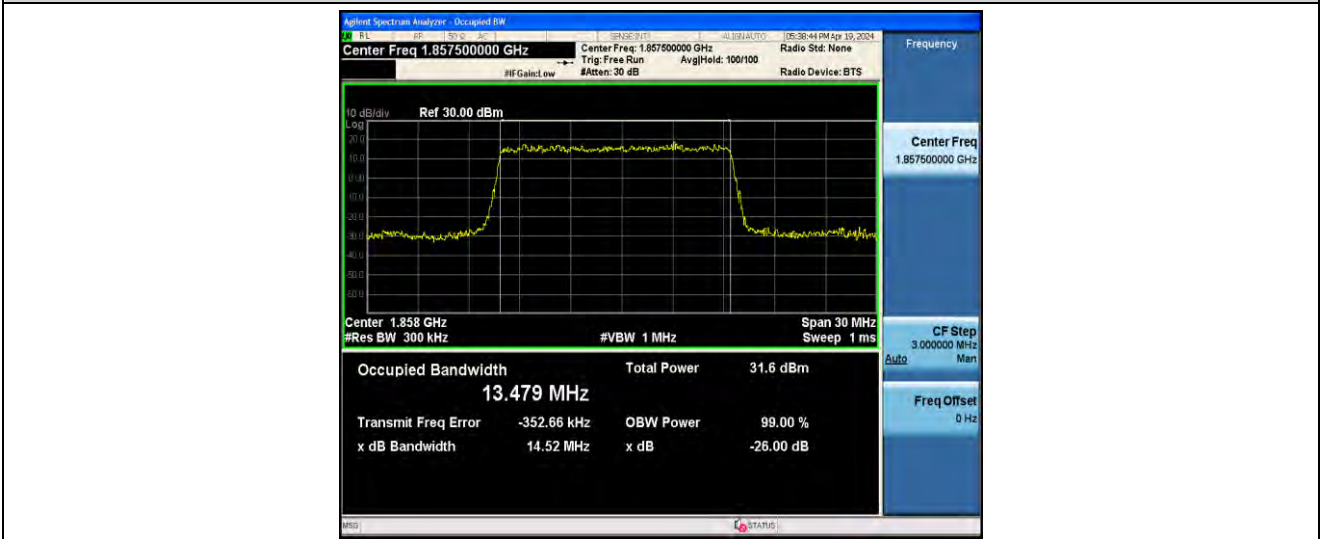


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1-N2-PC3-15-15-L-1-DFT-QPSK-Outer\_Full-75@0-ANT41-13.476-14.65-≤15-PASS



1-N2-PC3-15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-ANT41-13.479-14.52-≤15-PASS



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1-N2-PC3-15-15-L-3-DFT-16QAM-Outer\_Full-75@0-ANT41-13.505-14.48-≤15-PASS



1-N2-PC3-15-15-L-4-DFT-64QAM-Outer\_Full-75@0-ANT41-13.480-14.57-≤15-PASS



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1-N2-PC3-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-ANT41-13.474-14.24-≤15-PASS



1-N2-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-ANT41-14.123-15.09-≤15-PASS



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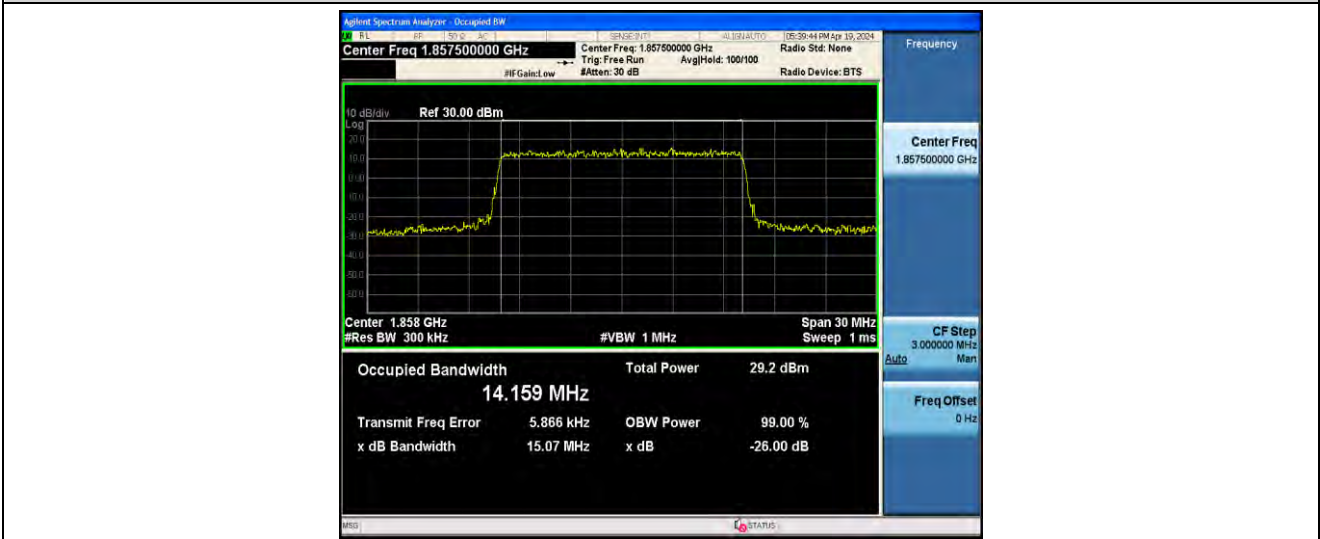


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1-N2-PC3-15-15-L-7-CP-16QAM-Outer\_Full-79@0-ANT41-14.179-15.17-≤15-PASS



1-N2-PC3-15-15-L-8-CP-64QAM-Outer\_Full-79@0-ANT41-14.159-15.07-≤15-PASS



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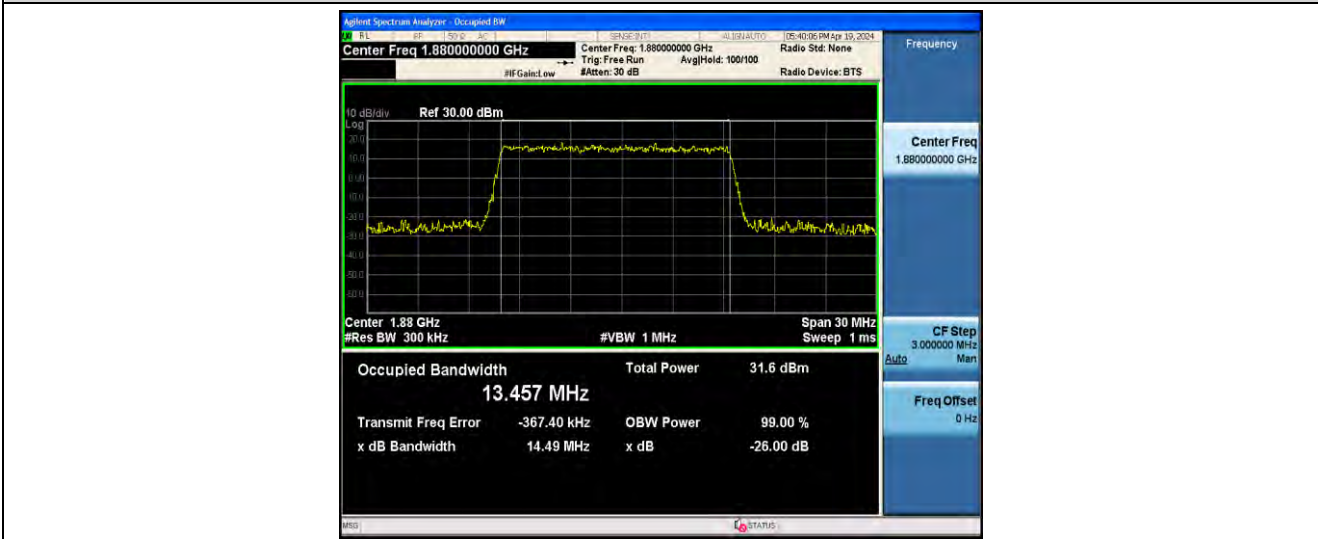


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1-N2-PC3-15-15-L-9-CP-256QAM-Outer\_Full-79@0-ANT41-14.131-15.09-≤15-PASS



1-N2-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-ANT41-13.457-14.49-≤15-PASS



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1-N2-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-ANT41-13.439-14.49-≤15-PASS



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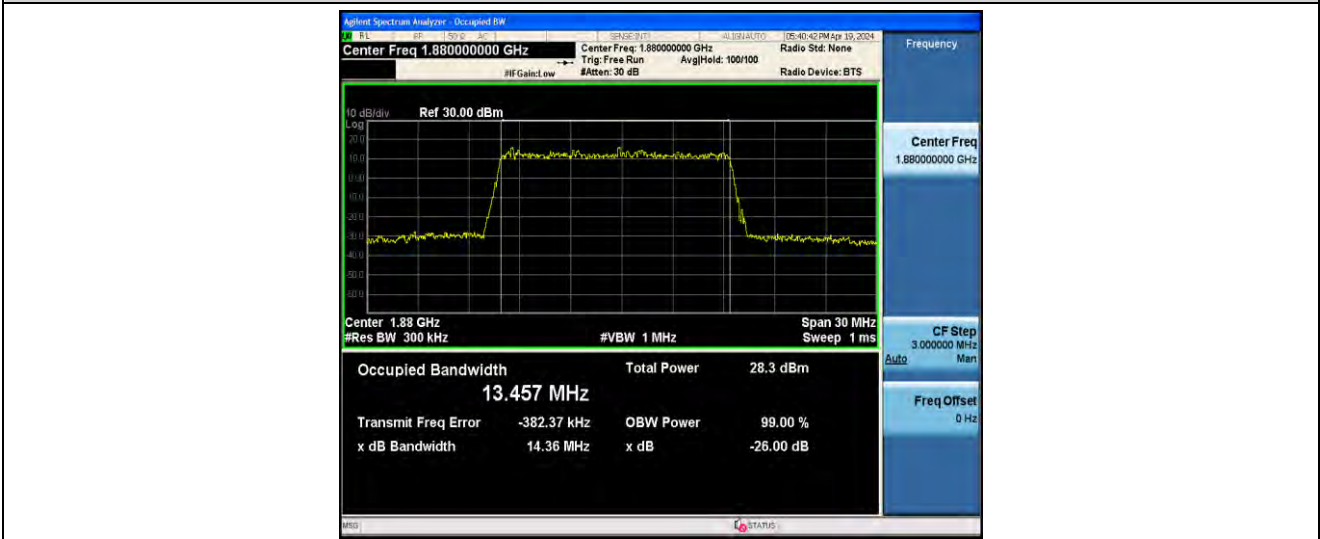


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1-N2-PC3-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-ANT41-13.423-14.48-≤15-PASS



1-N2-PC3-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-ANT41-13.457-14.36-≤15-PASS



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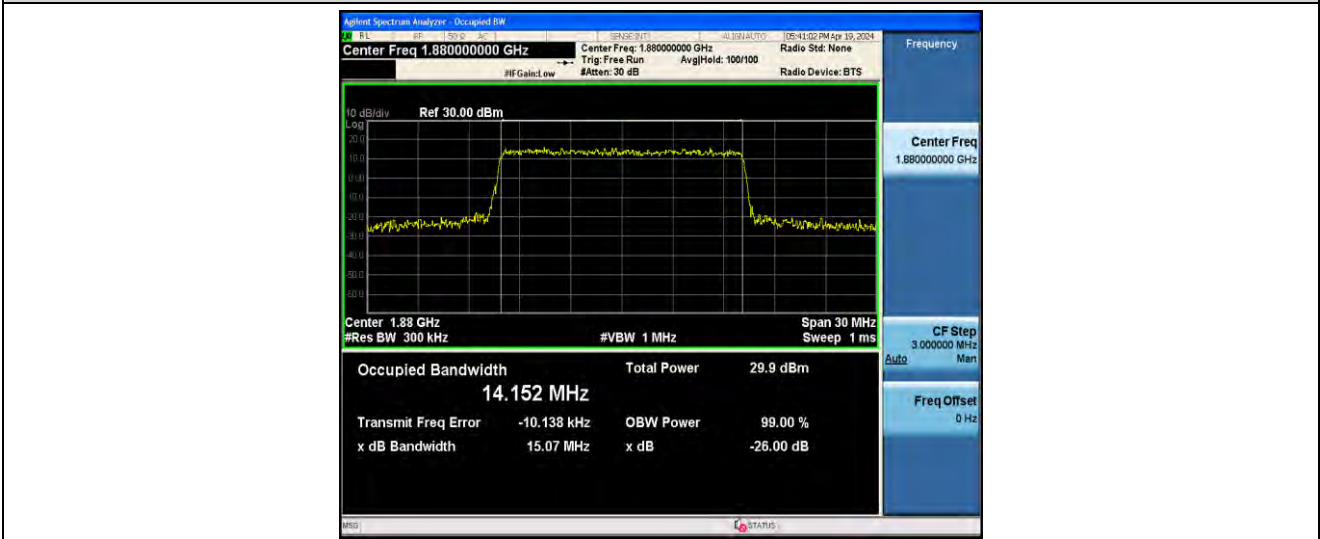


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1-N2-PC3-15-15-M-6-CP-QPSK-Outer\_Full-79@0-ANT41-14.136-15.18-≤15-PASS



1-N2-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-ANT41-14.152-15.07-≤15-PASS



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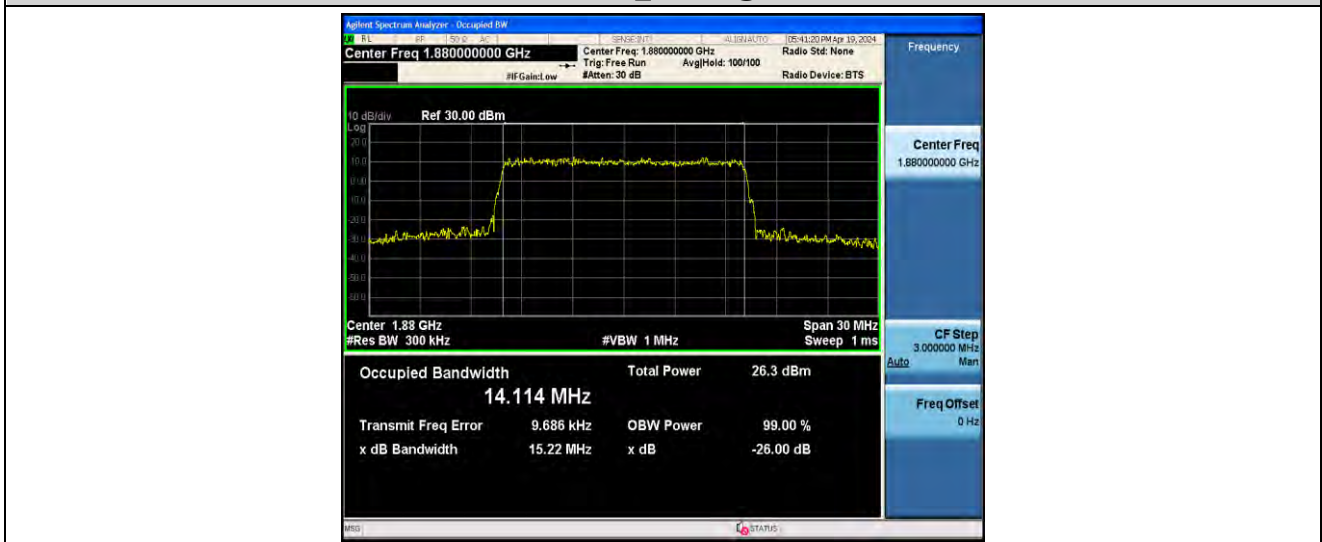


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1-N2-PC3-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-ANT41-13.444-14.39-≤15-PASS



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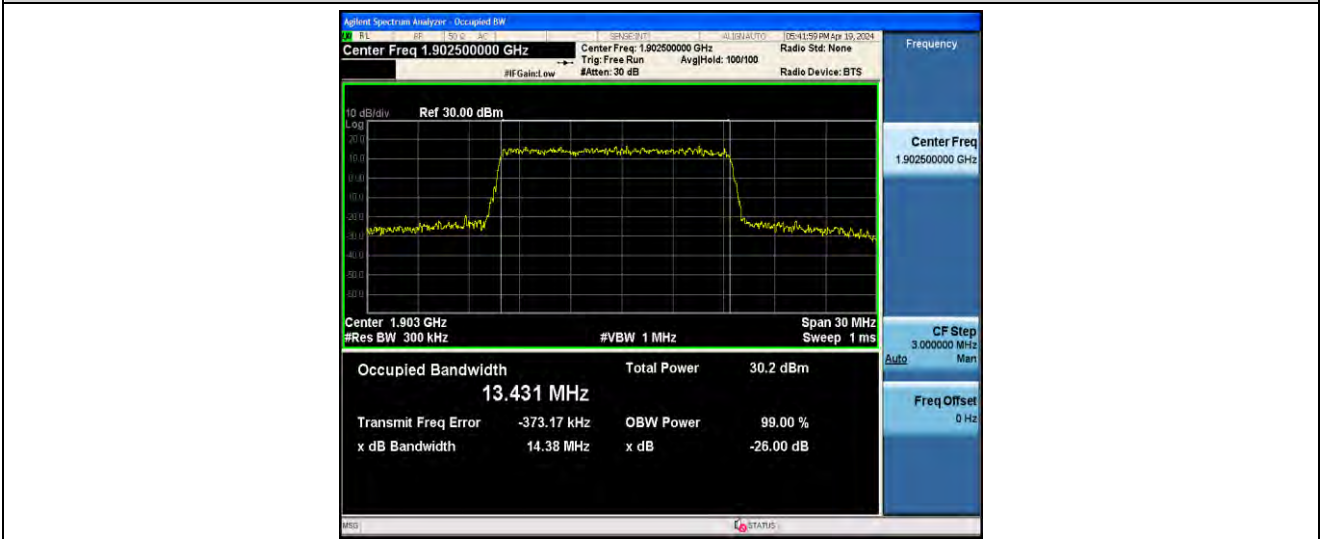


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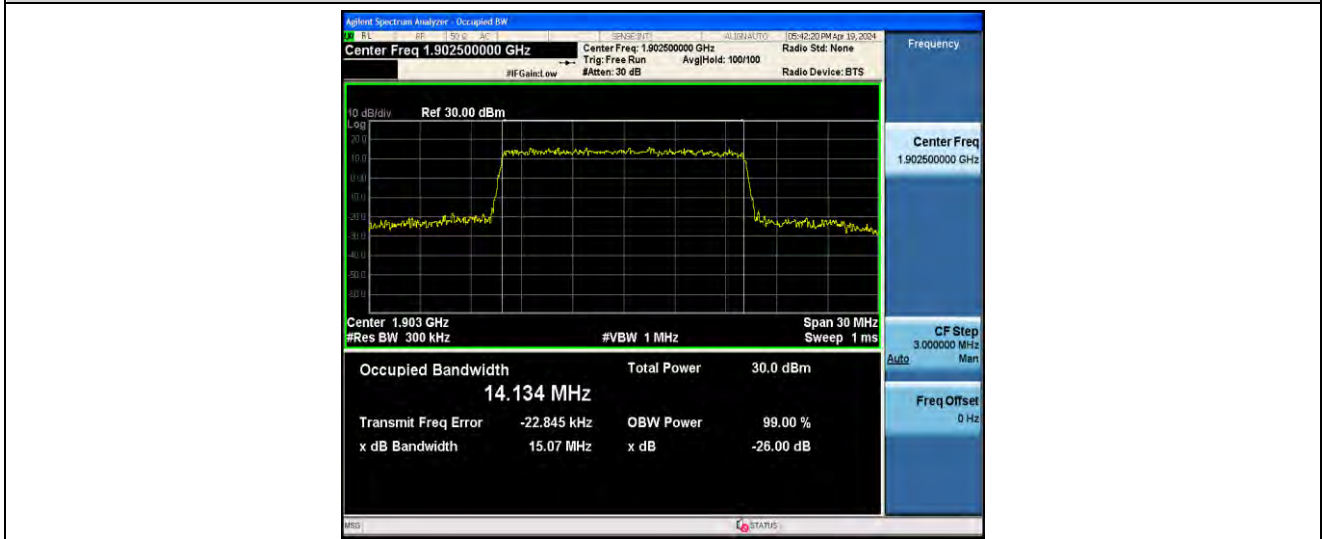


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1-N2-PC3-15-15-H-5-DFT-256QAM-Outer\_Full-75@0-ANT41-13.431-14.36-≤15-PASS



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1-N2-PC3-15-15-H-7-CP-16QAM-Outer\_Full-79@0-ANT41-14.116-15.13≤15-PASS



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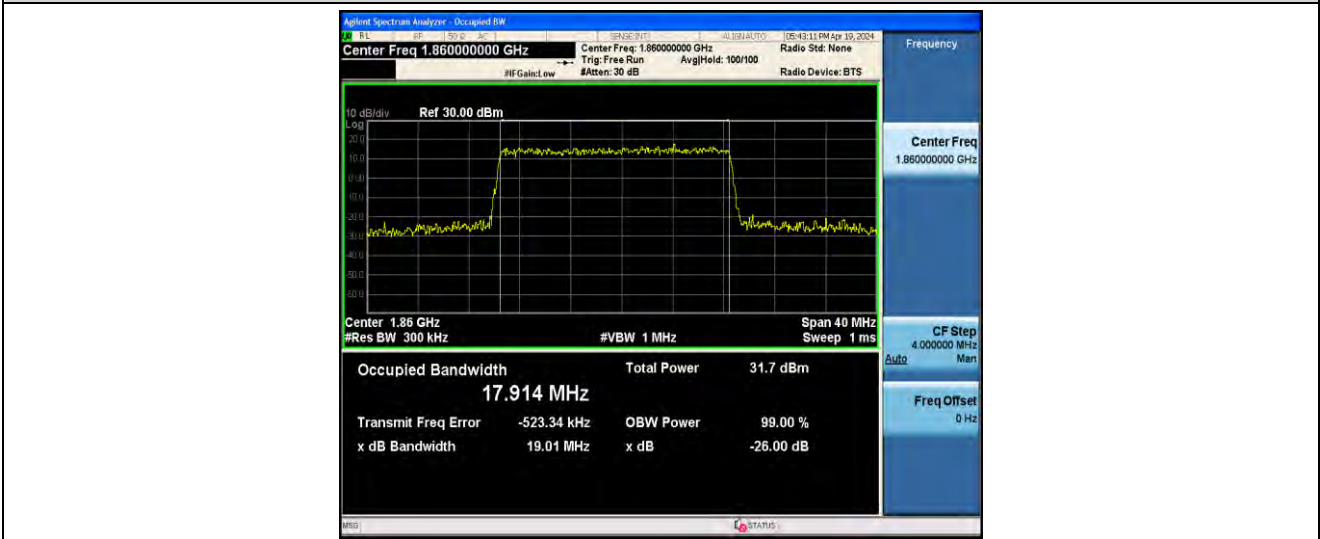
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1-N2-PC3-15-15-H-9-CP-256QAM-Outer\_Full-79@0-ANT41-14.147-14.95-≤15-PASS



1-N2-PC3-15-20-L-1-DFT-QPSK-Outer\_Full-100@0-ANT41-17.914-19.01-≤20-PASS



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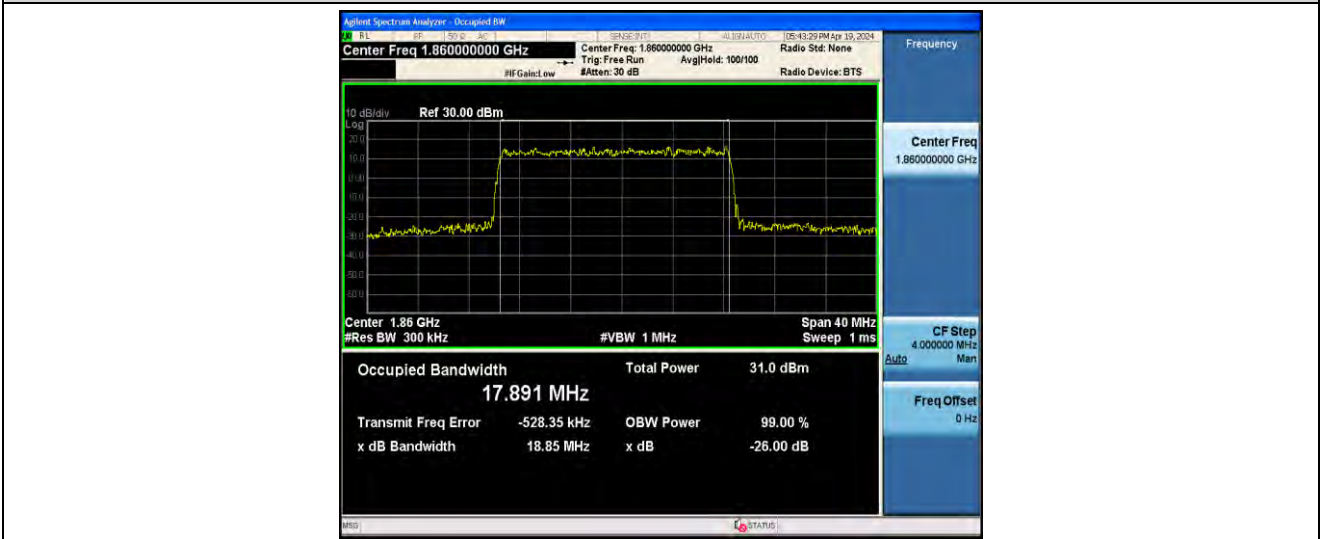


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1-N2-PC3-15-20-L-2-DFT-PI2BPSK-Outer\_Full-100@0-ANT41-17.958-18.87-<=20-PASS



1-N2-PC3-15-20-L-3-DFT-16QAM-Outer\_Full-100@0-ANT41-17.891-18.85-<=20-PASS



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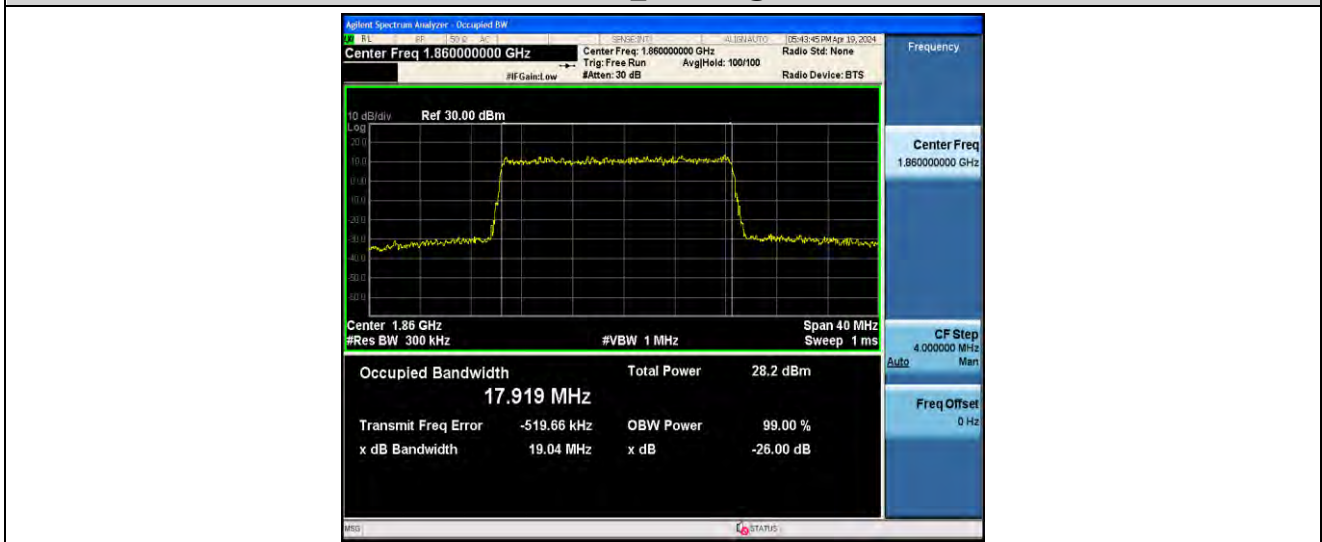


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1-N2-PC3-15-20-L-4-DFT-64QAM-Outer\_Full-100@0-ANT41-17.937-18.97-≤20-PASS



1-N2-PC3-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-ANT41-17.919-19.04-≤20-PASS



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1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-ANT41-18.957-20.16-≤20-PASS



1-N2-PC3-15-20-L-7-CP-16QAM-Outer\_Full-106@0-ANT41-18.991-19.92-≤20-PASS



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1-N2-PC3-15-20-L-8-CP-64QAM-Outer\_Full-106@0-ANT41-18.912-19.98-<20-PASS



1-N2-PC3-15-20-L-9-CP-256QAM-Outer\_Full-106@0-ANT41-18.960-20.03-<20-PASS



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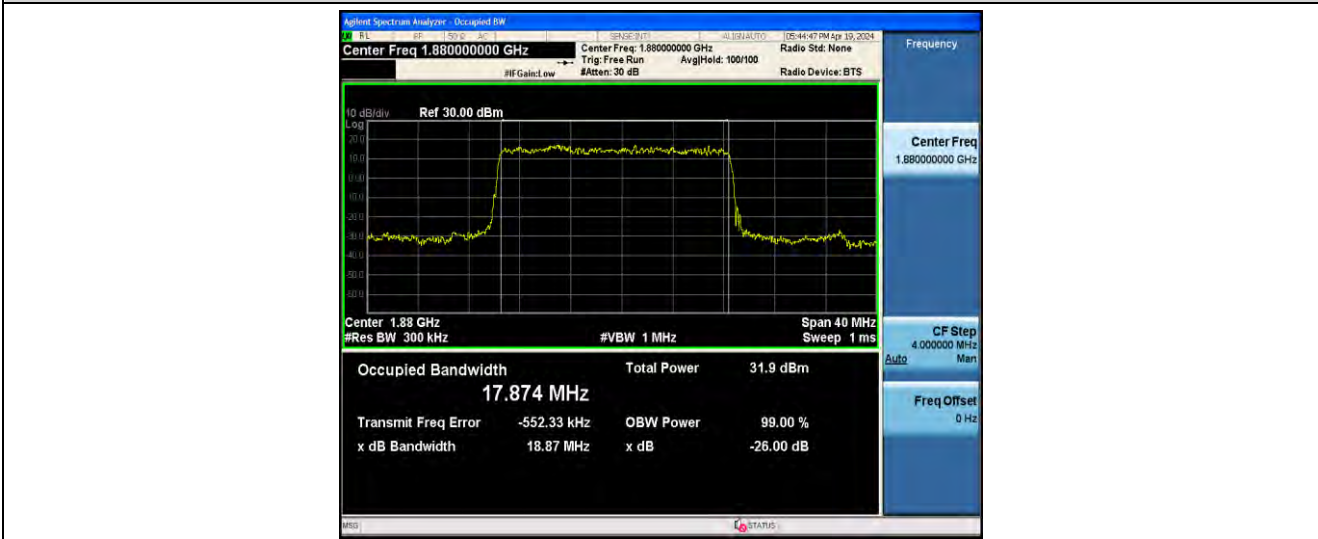


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1-N2-PC3-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-ANT41-17.912-19.00-<20-PASS



1-N2-PC3-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-ANT41-17.874-18.87-<20-PASS



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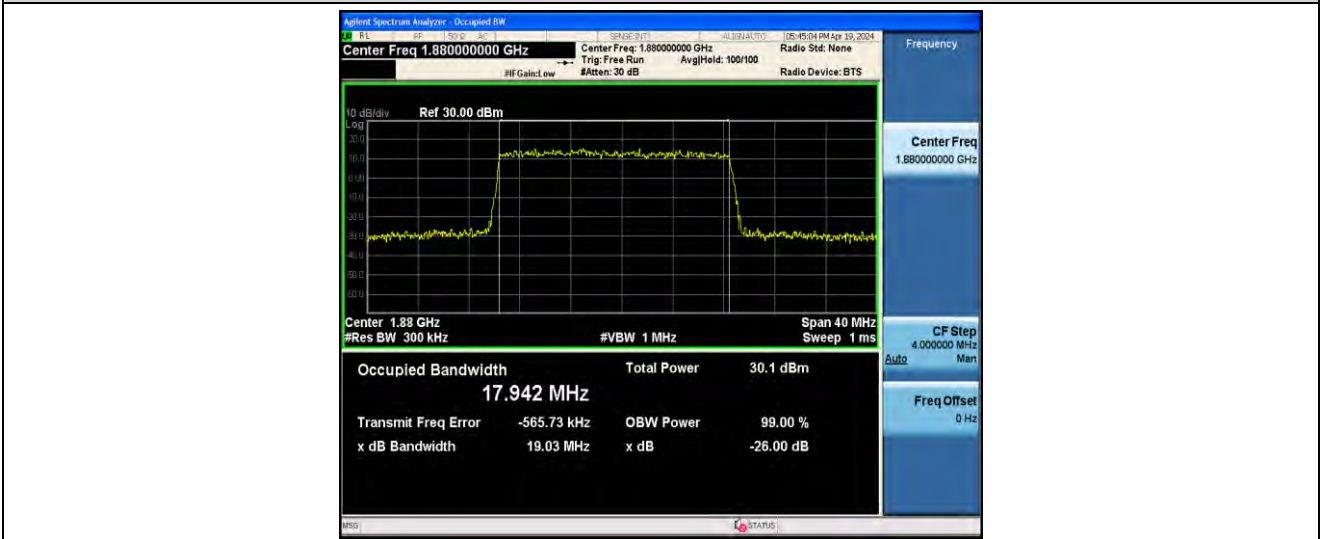


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1-N2-PC3-15-20-M-3-DFT-16QAM-Outer\_Full-100@0-ANT41-17.889-18.94-≤20-PASS



1-N2-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-ANT41-17.942-19.03-≤20-PASS



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1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-ANT41-17.903-19.07-≤20-PASS



1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-ANT41-18.906-19.89-≤20-PASS



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1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-ANT41-18.943-20.00-≤20-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-ANT41-18.932-19.84-≤20-PASS



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1-N2-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0-ANT41-18.988-20.02-≤20-PASS



1-N2-PC3-15-20-H-1-DFT-QPSK-Outer\_Full-100@0-ANT41-17.880-18.97-≤20-PASS



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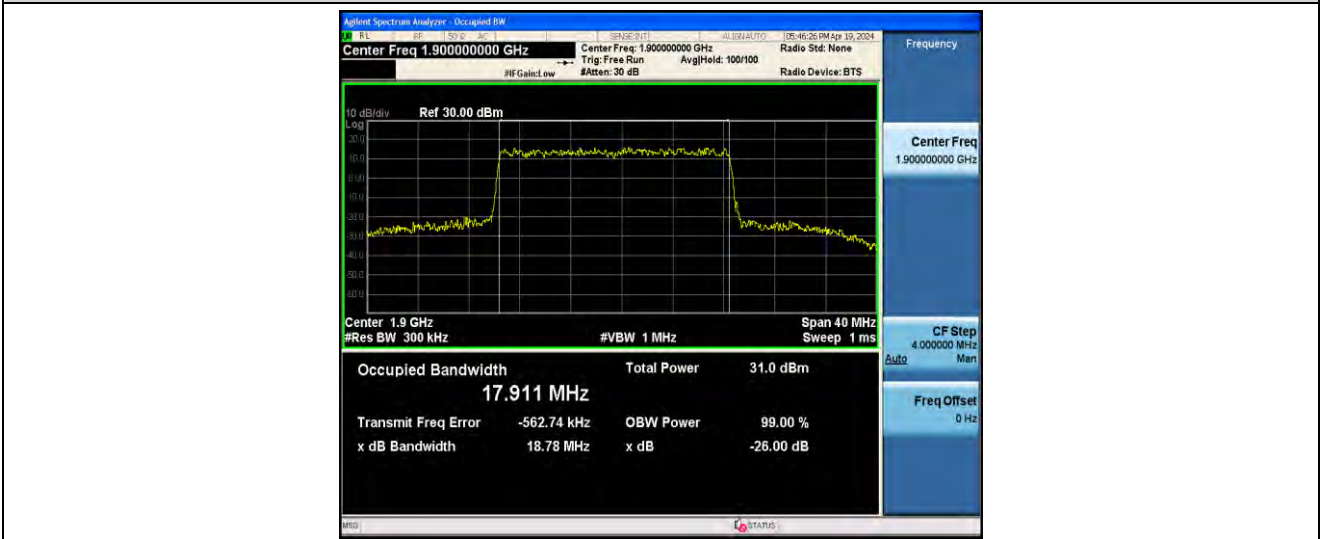


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1-N2-PC3-15-20-H-3-DFT-16QAM-Outer\_Full-100@0-ANT41-17.911-18.78-≤20-PASS



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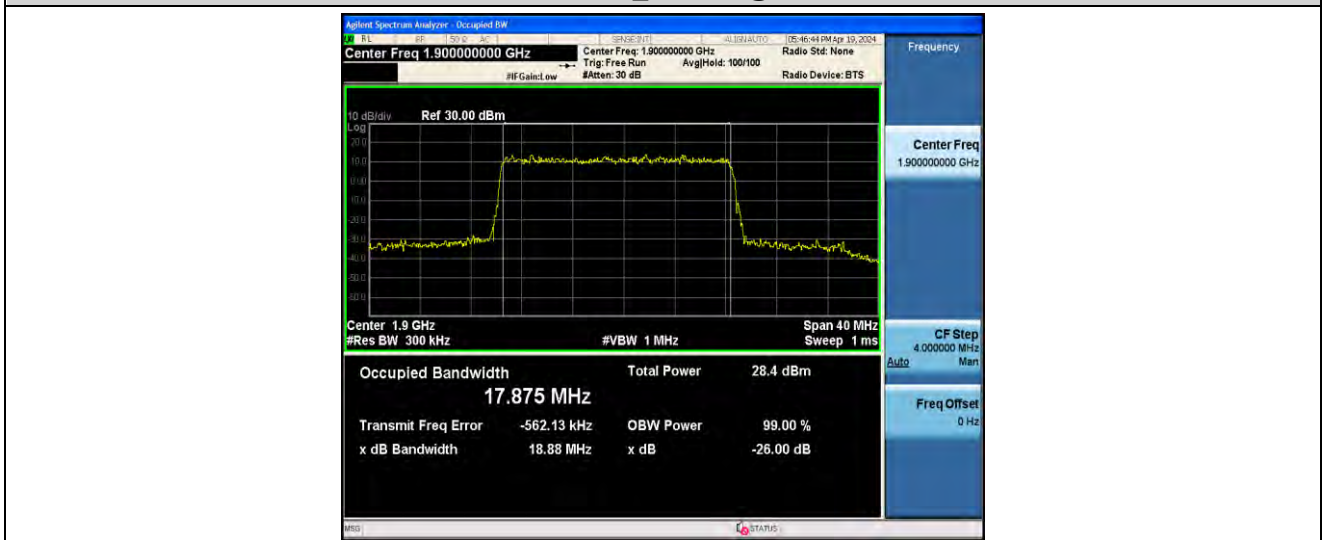


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1-N2-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100@0-ANT41-17.884-18.92-≤20-PASS



1-N2-PC3-15-20-H-5-DFT-256QAM-Outer\_Full-100@0-ANT41-17.875-18.88-≤20-PASS



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1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-ANT41-18.922-20.03-≤20-PASS



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1-N2-PC3-15-20-H-8-CP-64QAM-Outer\_Full-106@0-ANT41-18.889-20.01-≤20-PASS



1-N2-PC3-15-20-H-9-CP-256QAM-Outer\_Full-106@0-ANT41-18.905-19.78-≤20-PASS



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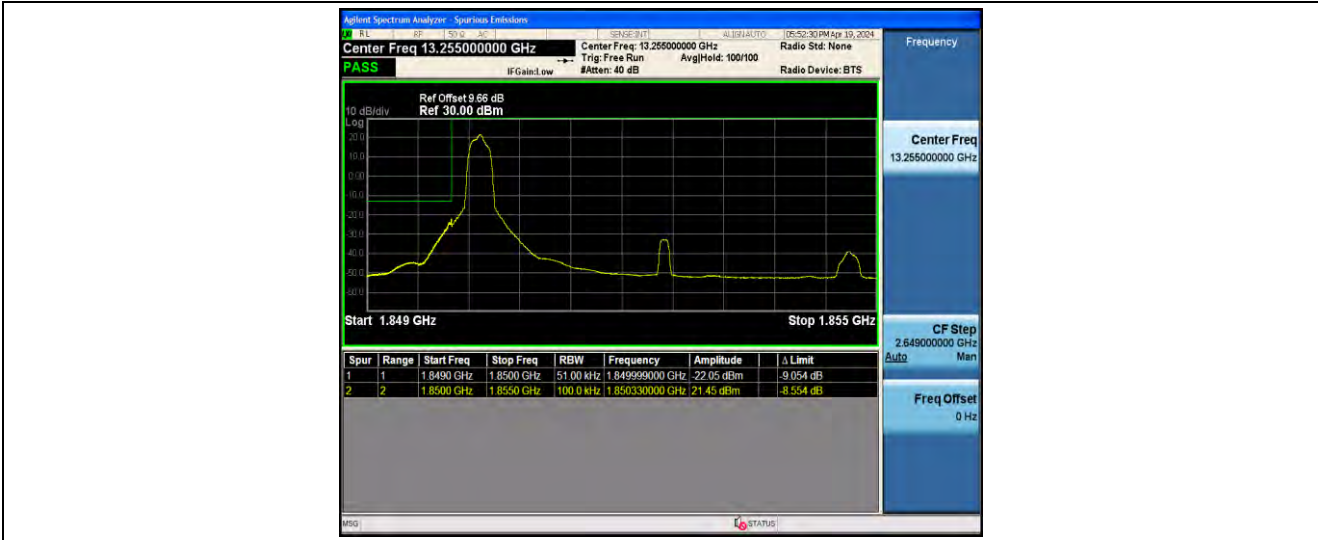


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**Band Edge for SA**

**Test Graphs**



1-N2-PC3-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-ANT41-1850.00-9.05--22.05-PASS



1-N2-PC3-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-ANT41-1849.99-18.53--31.53-PASS



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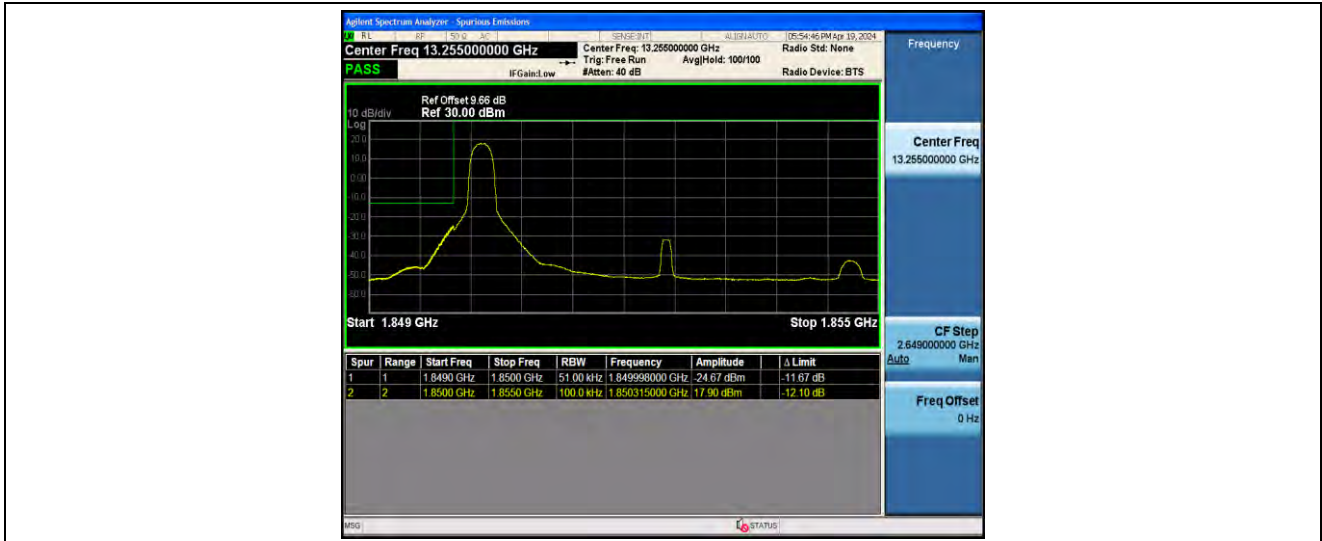
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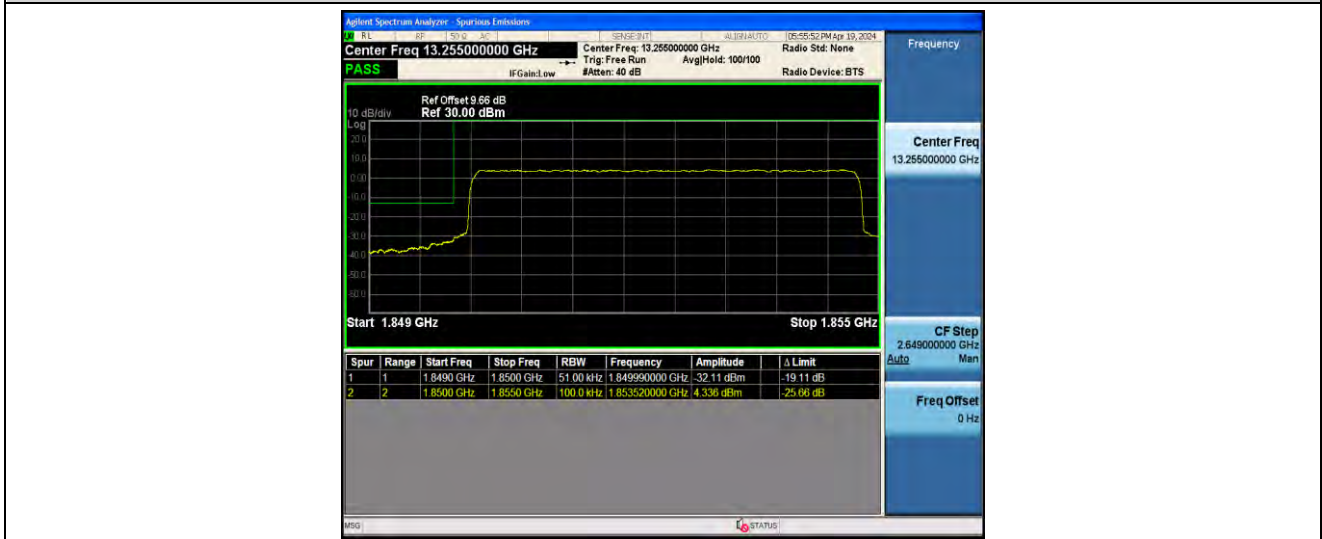


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1-N2-PC3-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-ANT41-1850.00-11.67--24.67-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-ANT41-1849.99-19.11--32.11-PASS



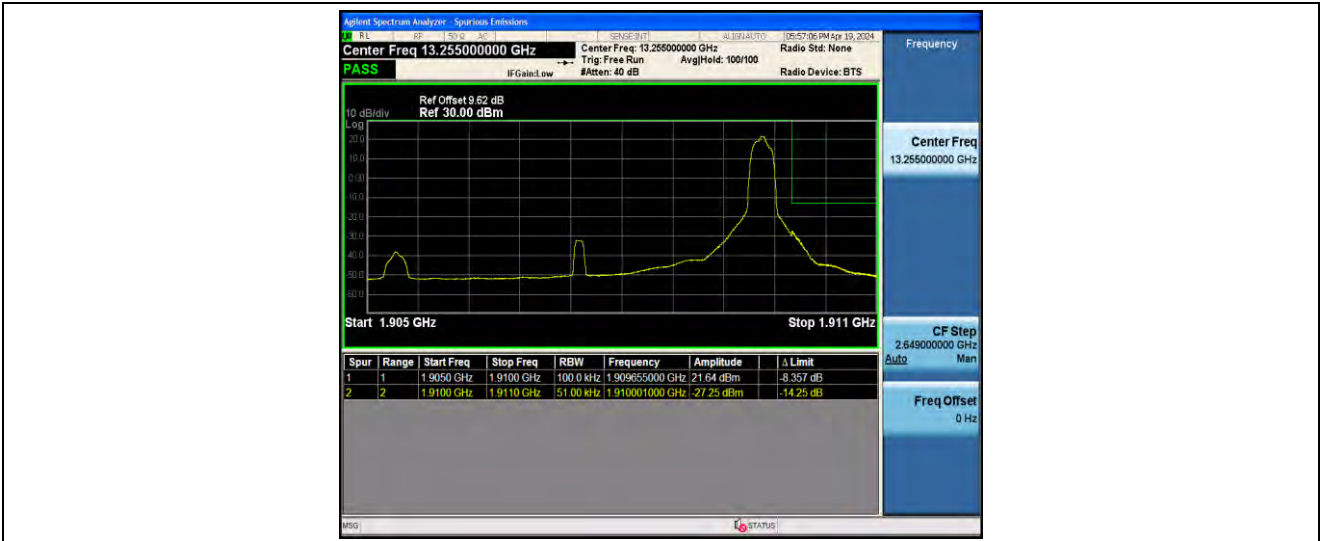
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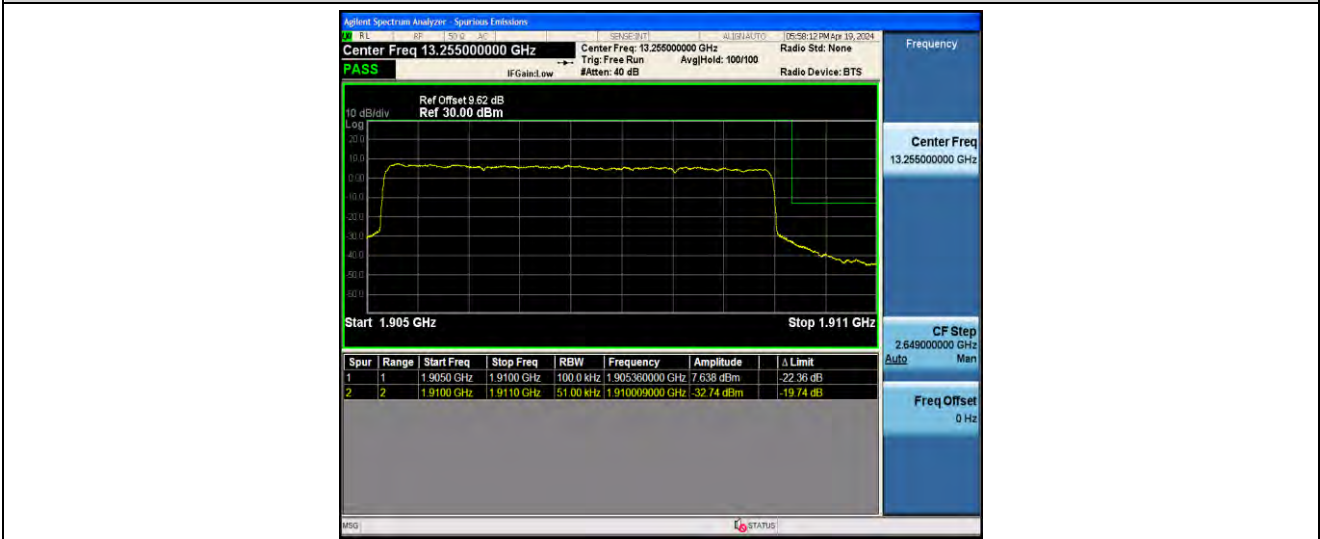


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1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@24-ANT41-1910.00-14.25--27.25-PASS



1-N2-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-ANT41-1910.01-19.74--32.74-PASS



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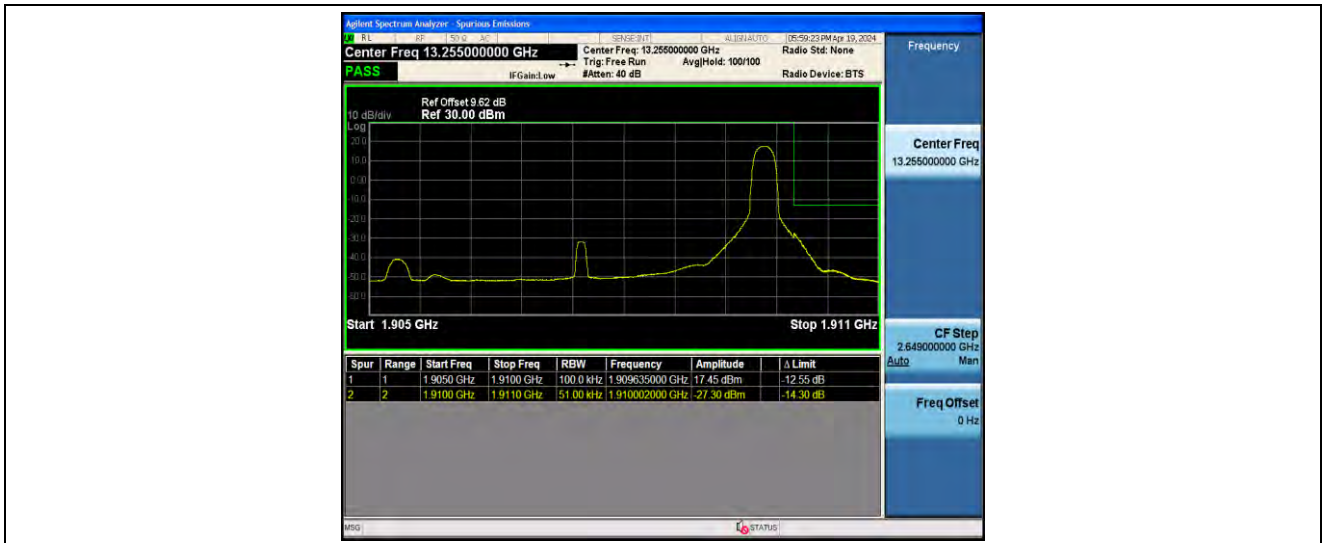
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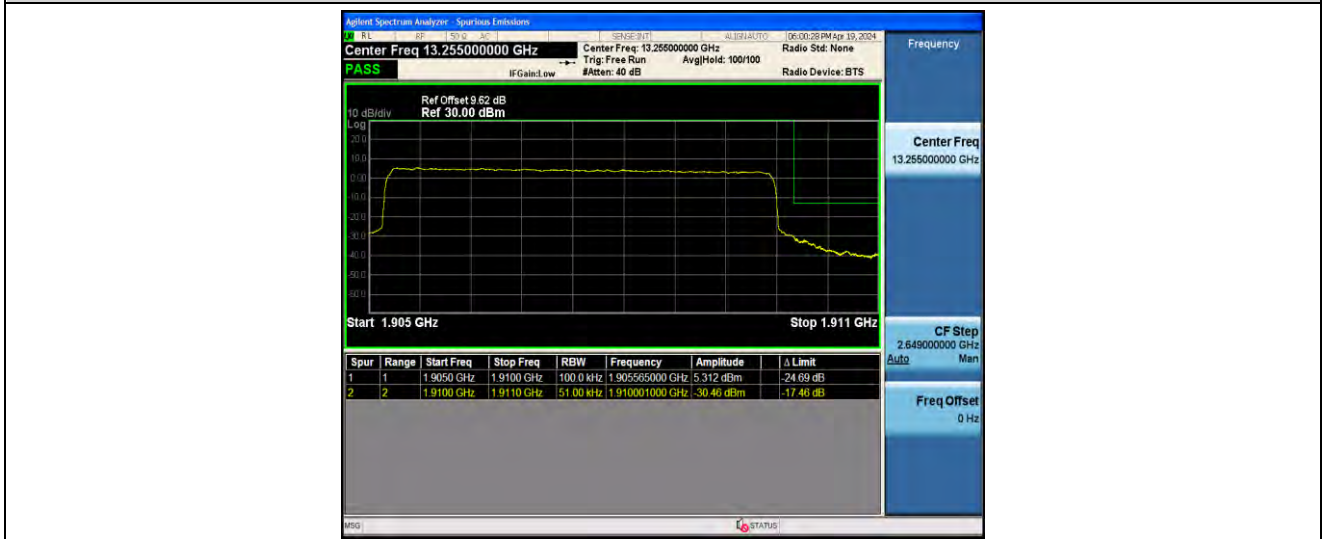


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1-N2-PC3-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-ANT41-1910.00-14.30--27.30-PASS



1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-ANT41-1910.00-17.46--30.46-PASS



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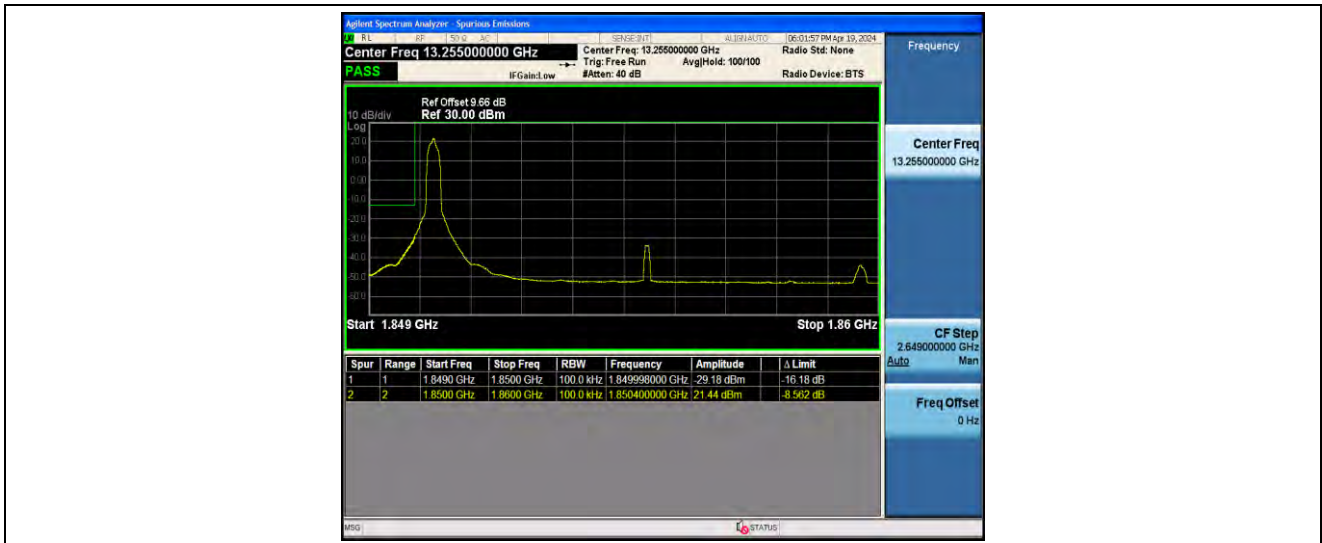
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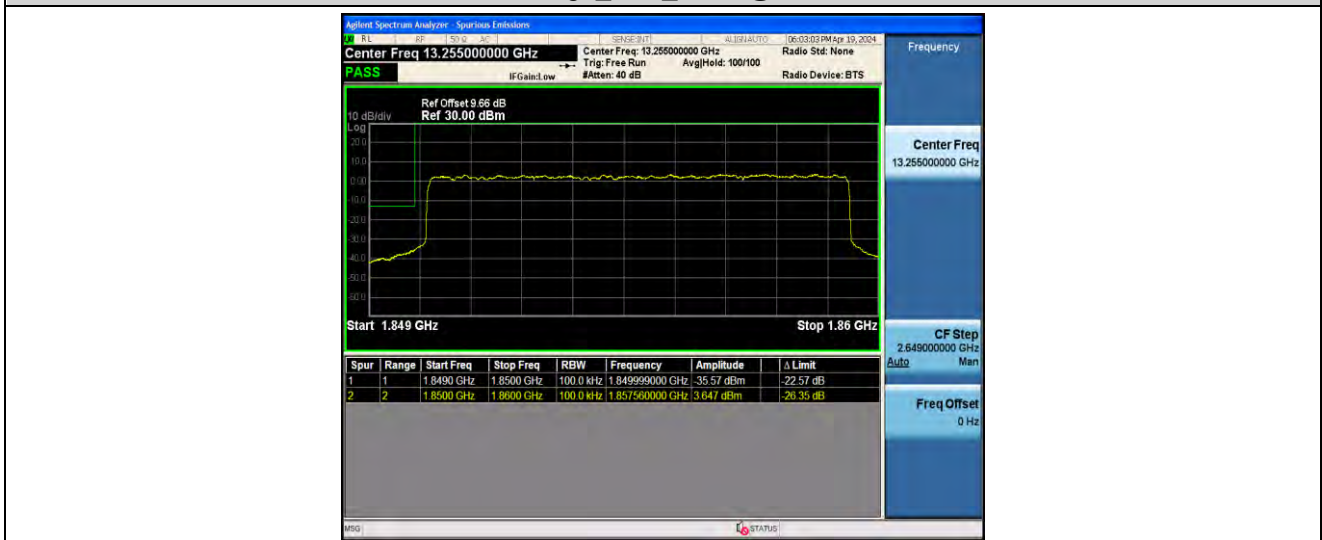


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1-N2-PC3-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-ANT41-1850.00-16.18--29.18-PASS



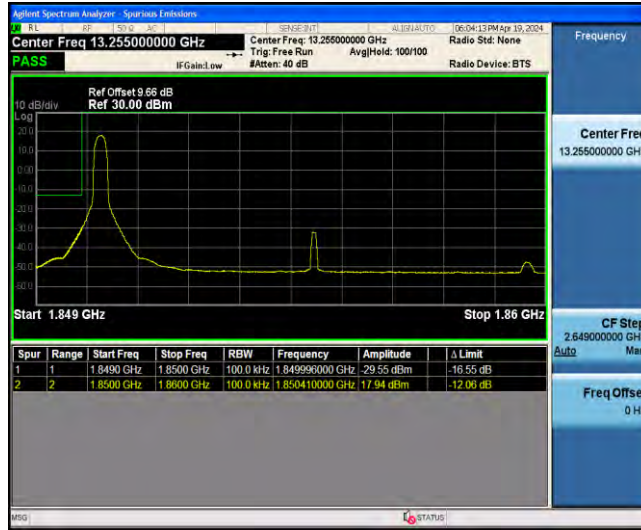
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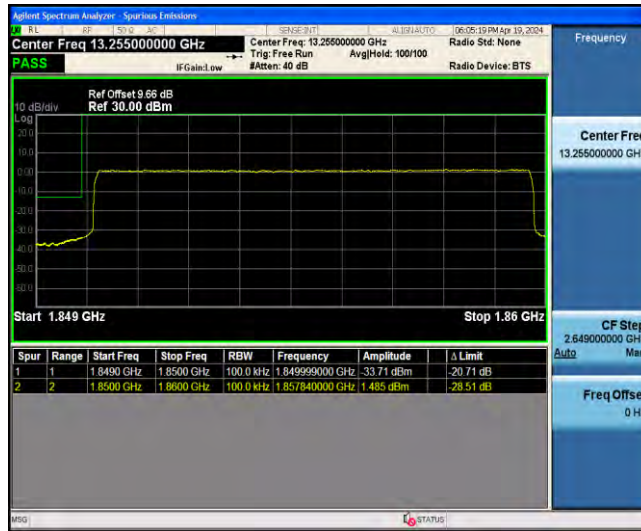
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1-N2-PC3-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-ANT41-1850.00-16.55--29.55-PASS



1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-ANT41-1850.00-20.71--33.71-PASS



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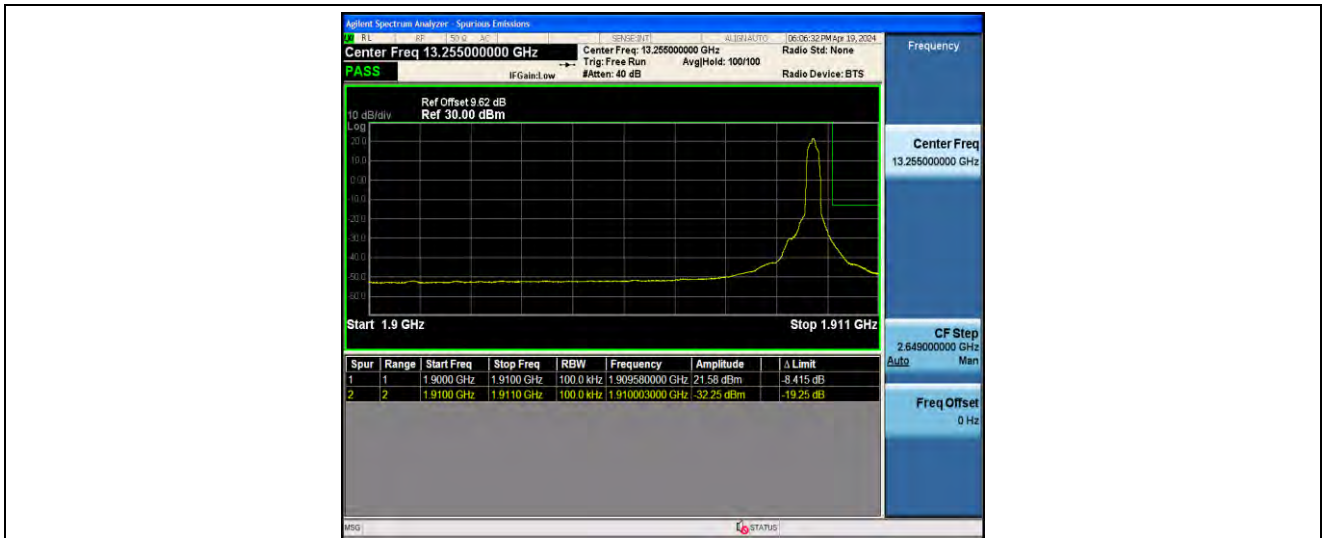
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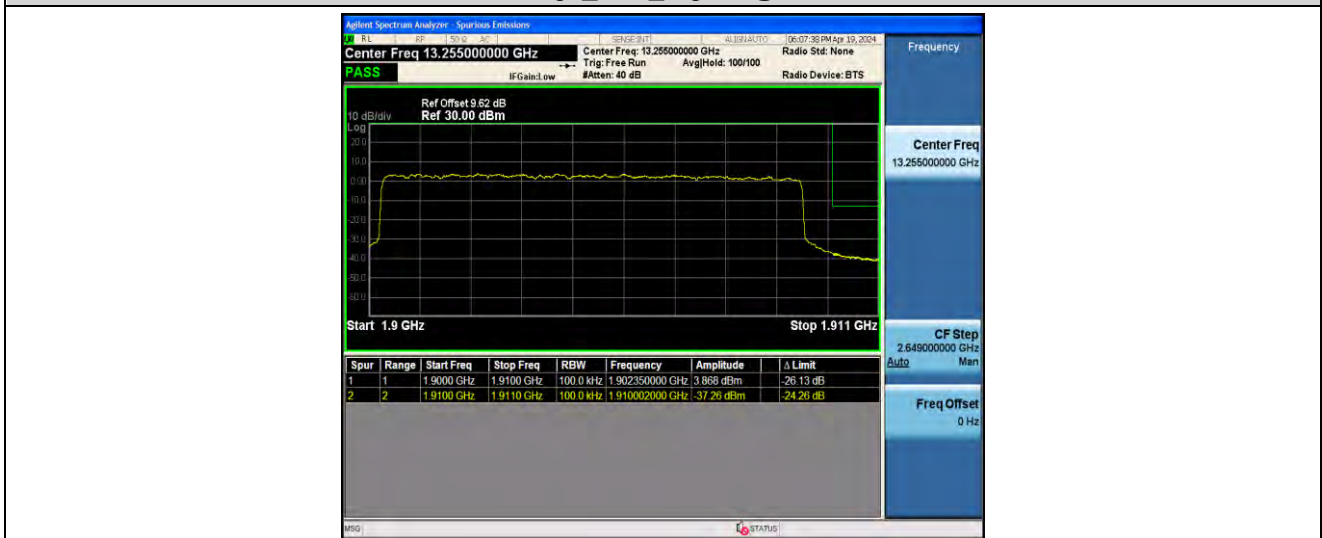


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1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-ANT41-1910.00-19.25--32.25-PASS



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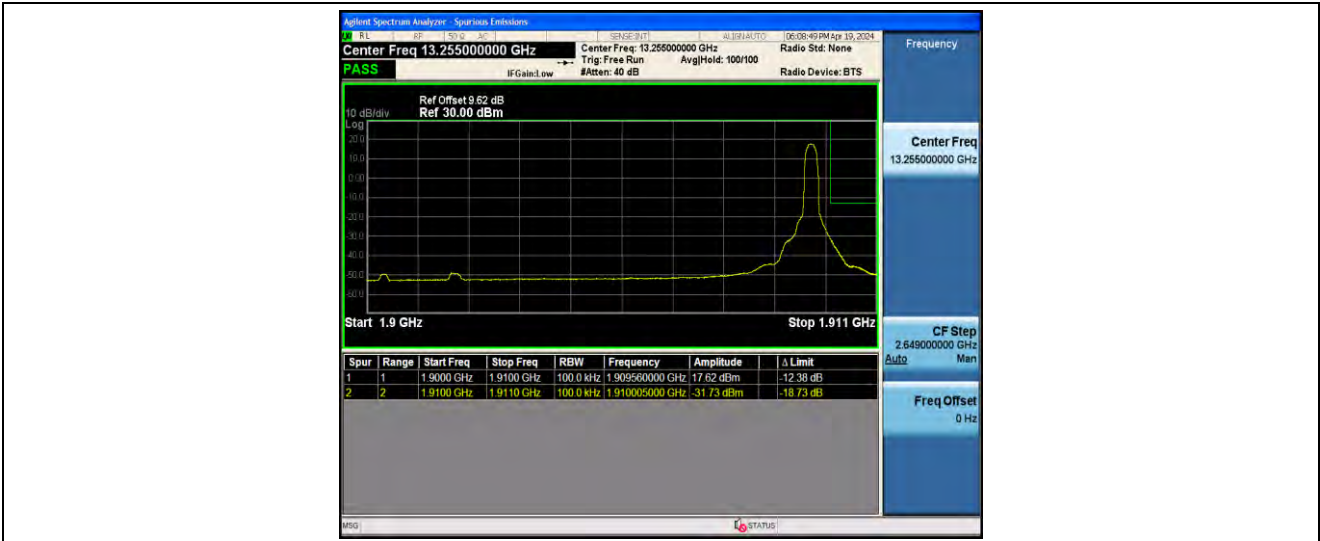
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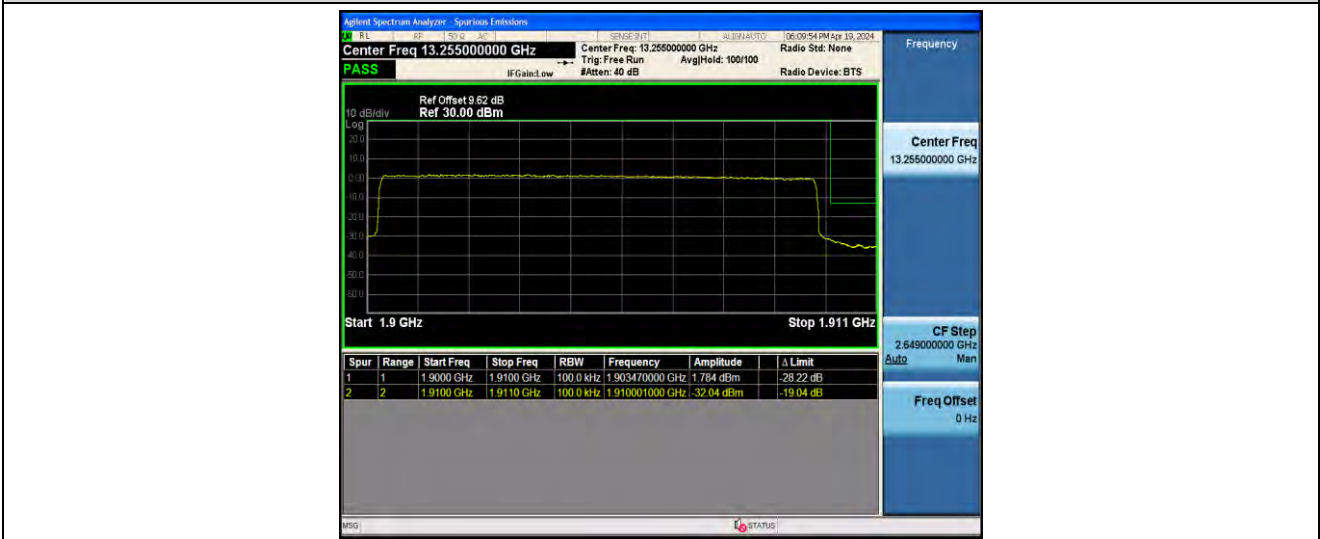


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1-N2-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-ANT41-1910.01-18.73--31.73-PASS



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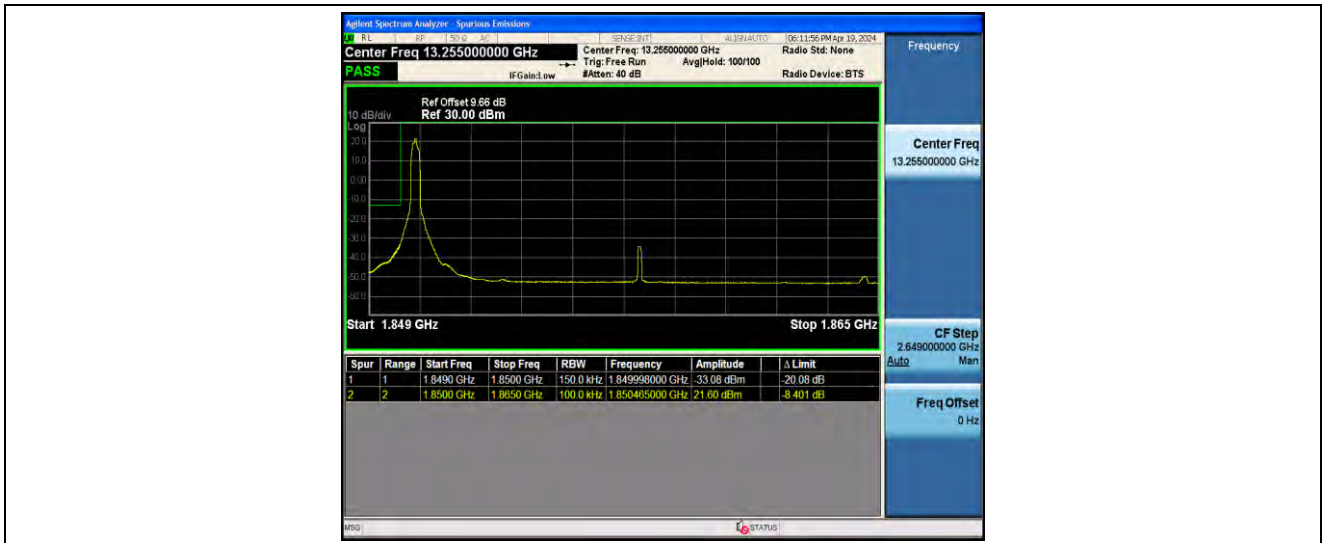
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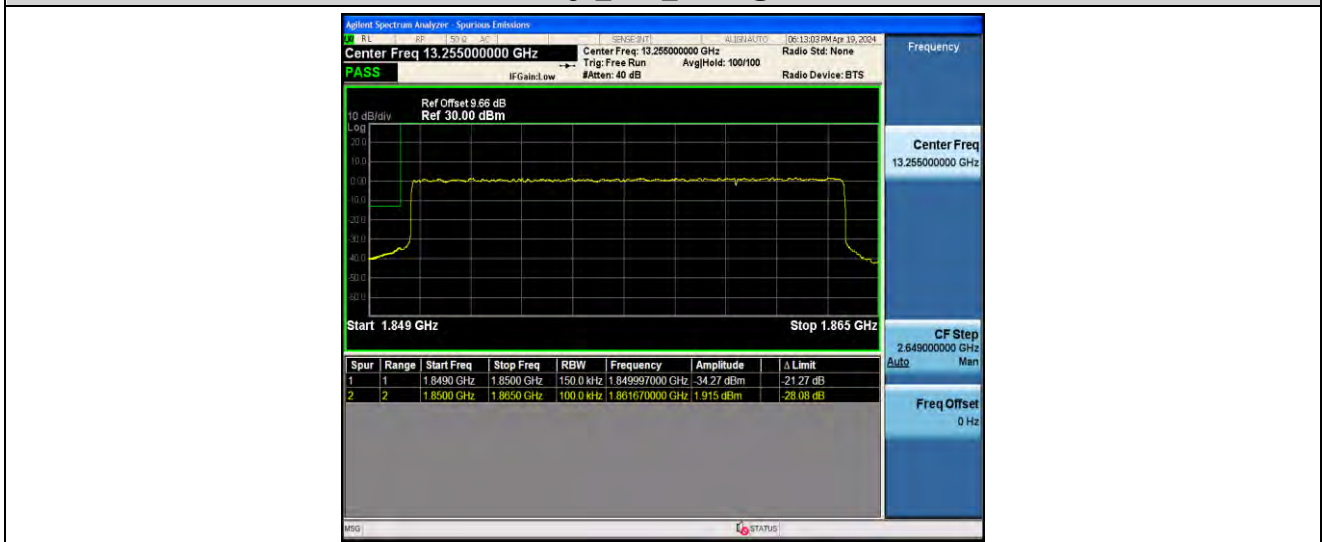


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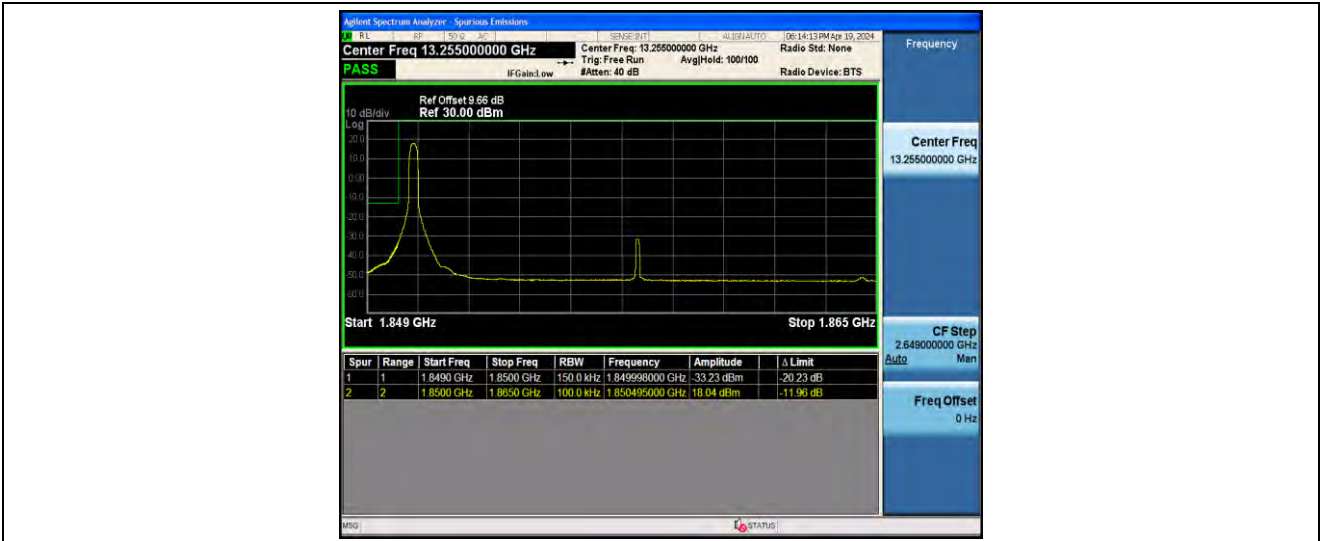
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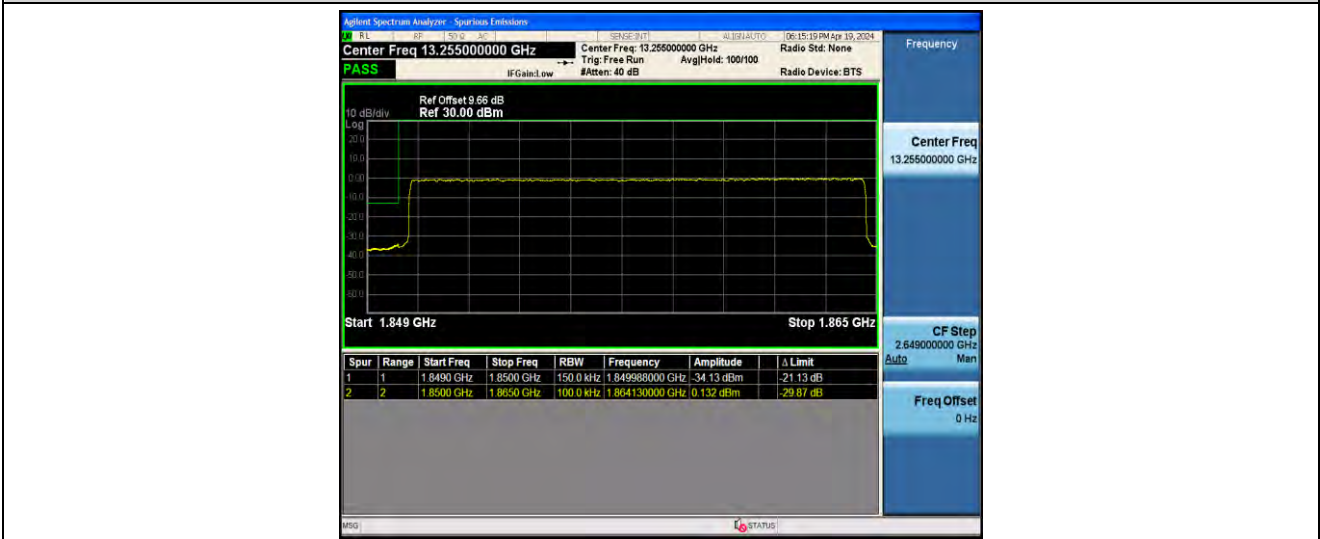


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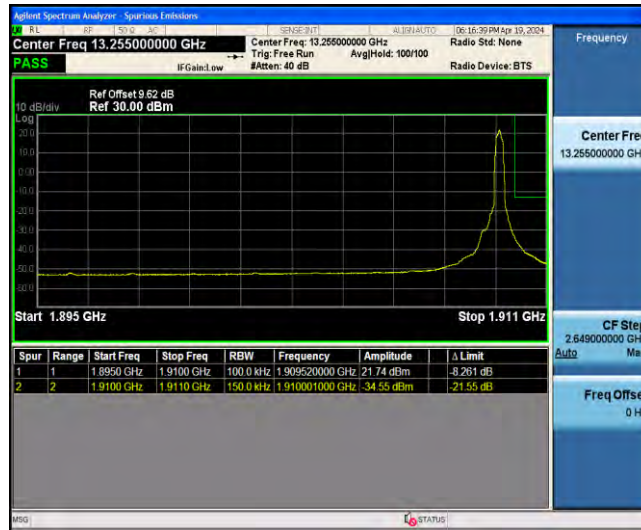


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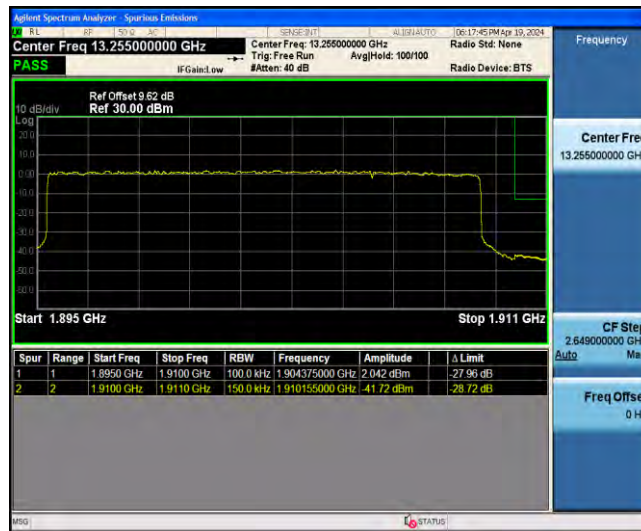


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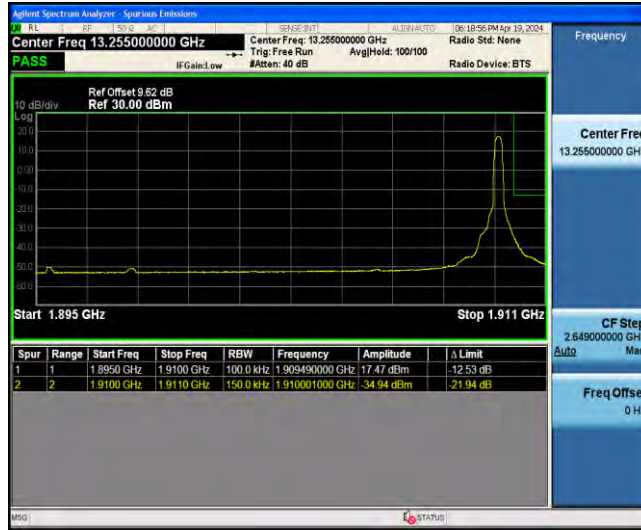


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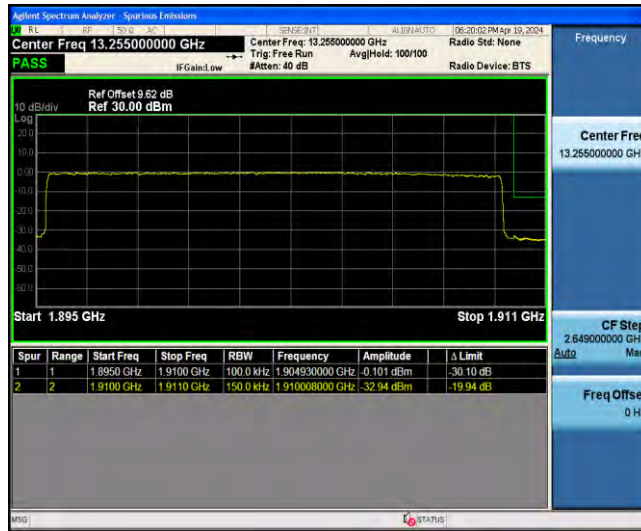
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1-N2-PC3-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-ANT41-1910.00-21.94--34.94-PASS



1-N2-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-ANT41-1910.01-19.94--32.94-PASS



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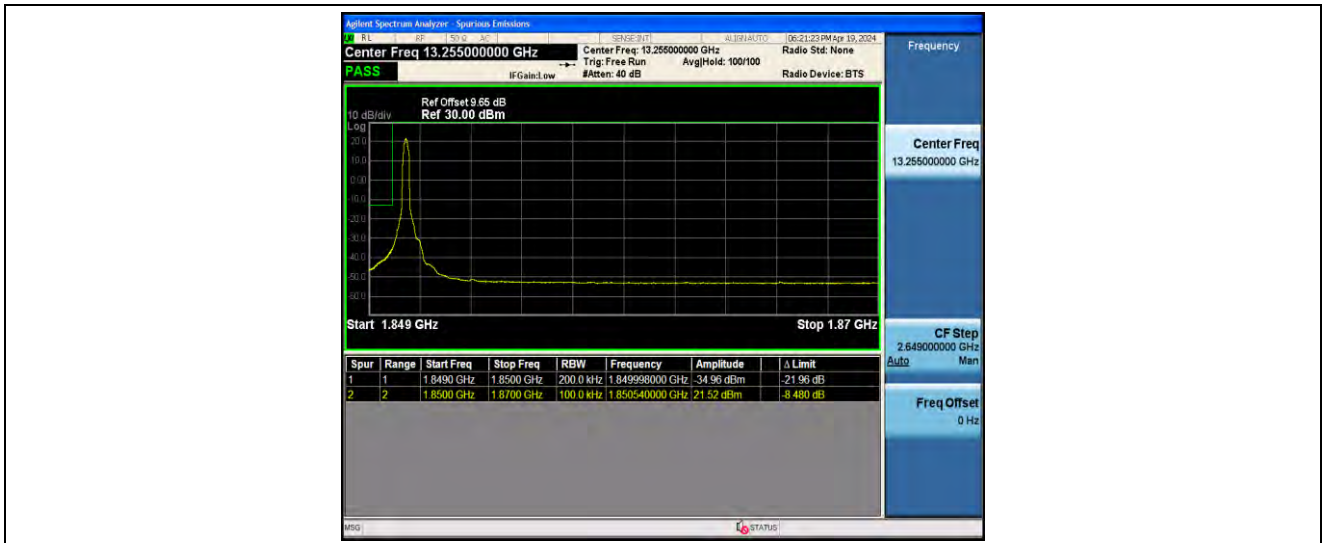
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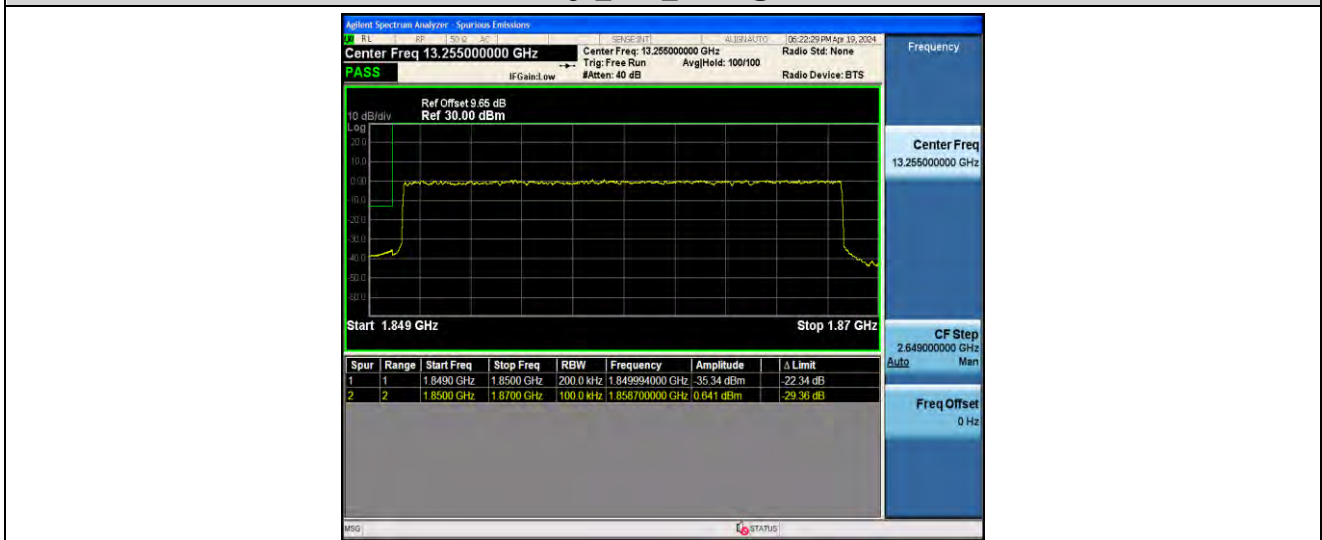


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1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-ANT41-1850.00-21.96--34.96-PASS



1-N2-PC3-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-ANT41-1849.99-22.34--35.34-PASS

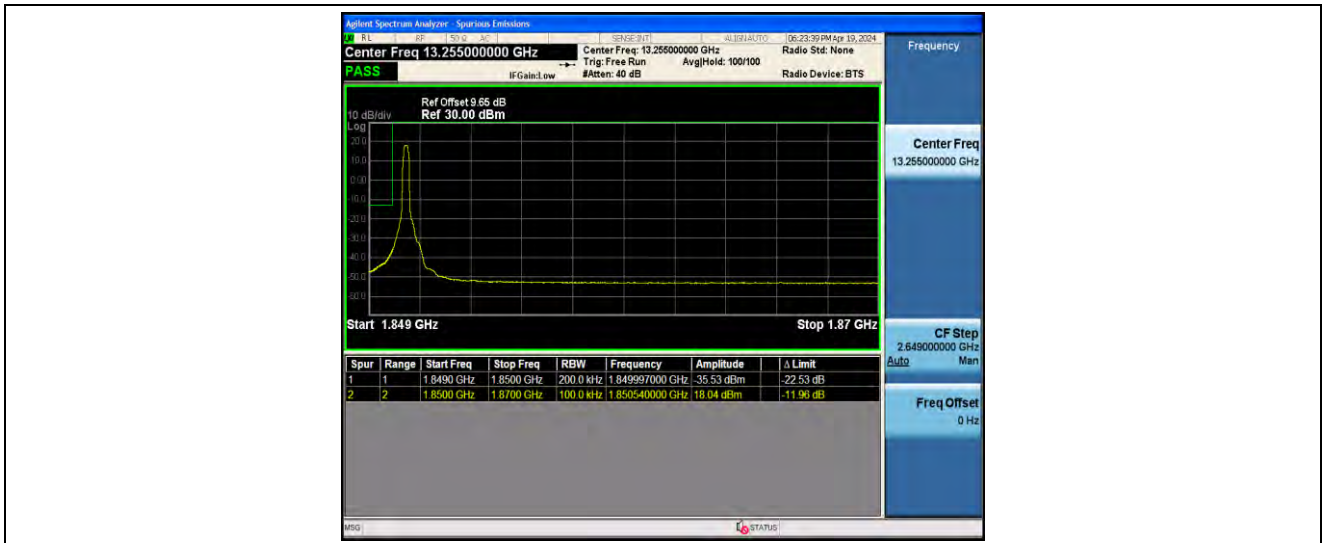


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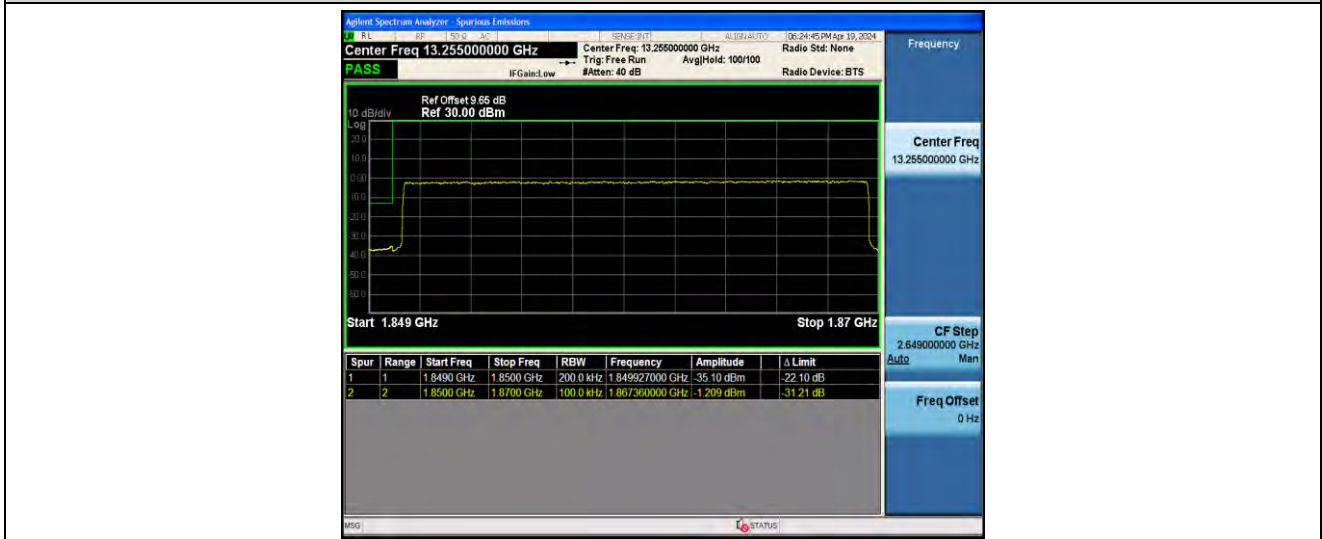


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1-N2-PC3-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-ANT41-1850.00-22.53--35.53-PASS



1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-ANT41-1849.93-22.10--35.10-PASS



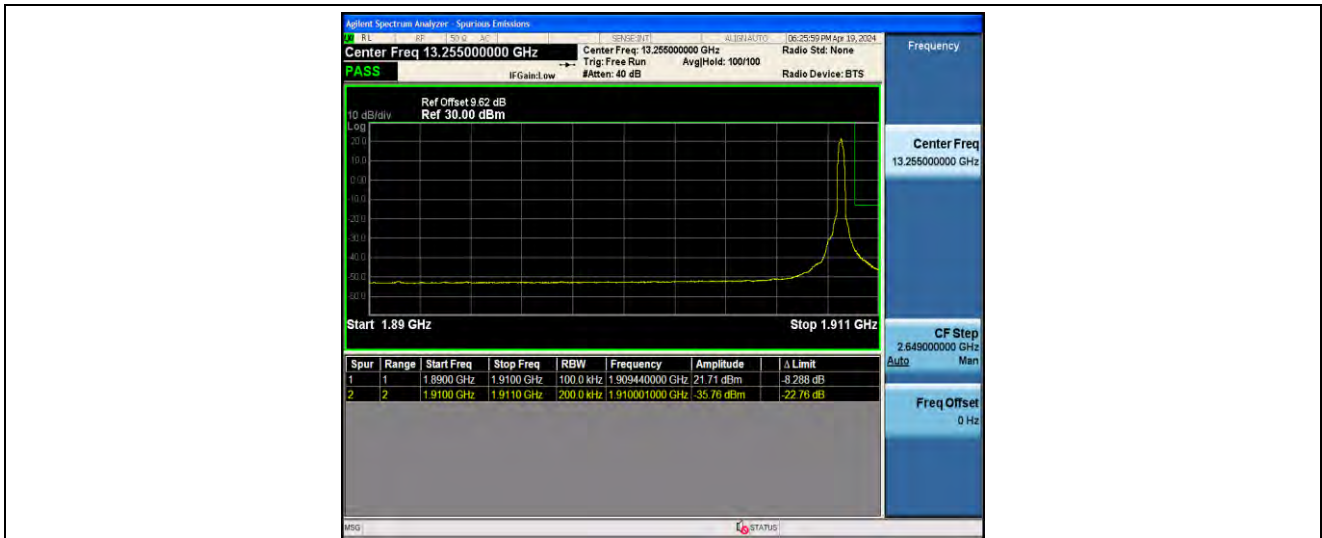
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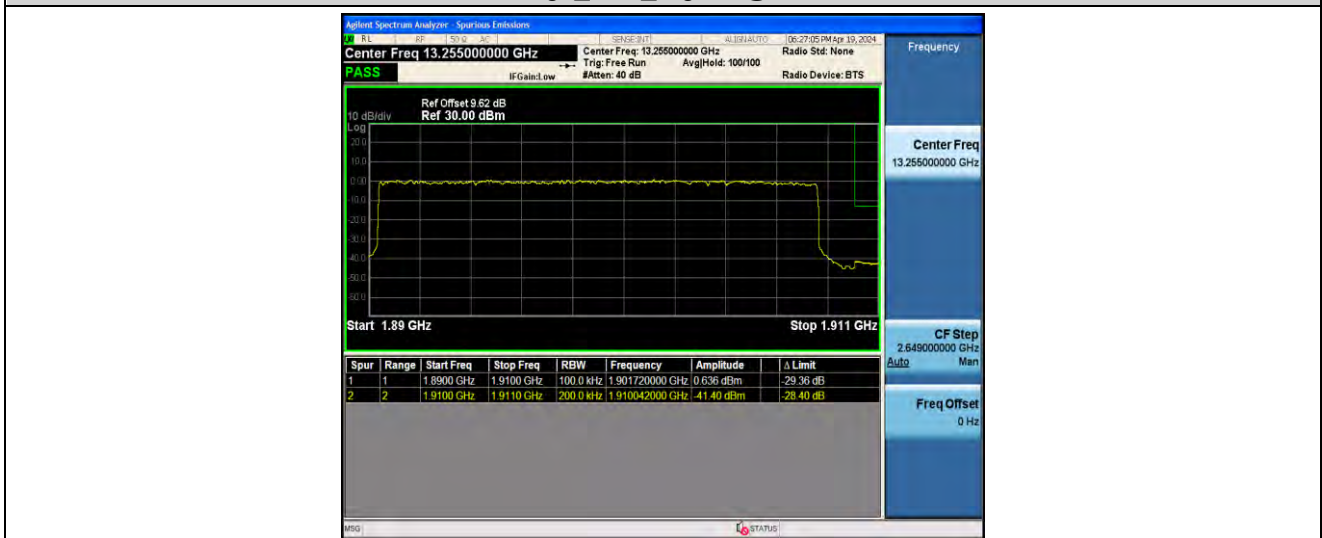


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1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-ANT41-1910.00-22.76--35.76-PASS



1-N2-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-ANT41-1910.04-28.40--41.40-PASS



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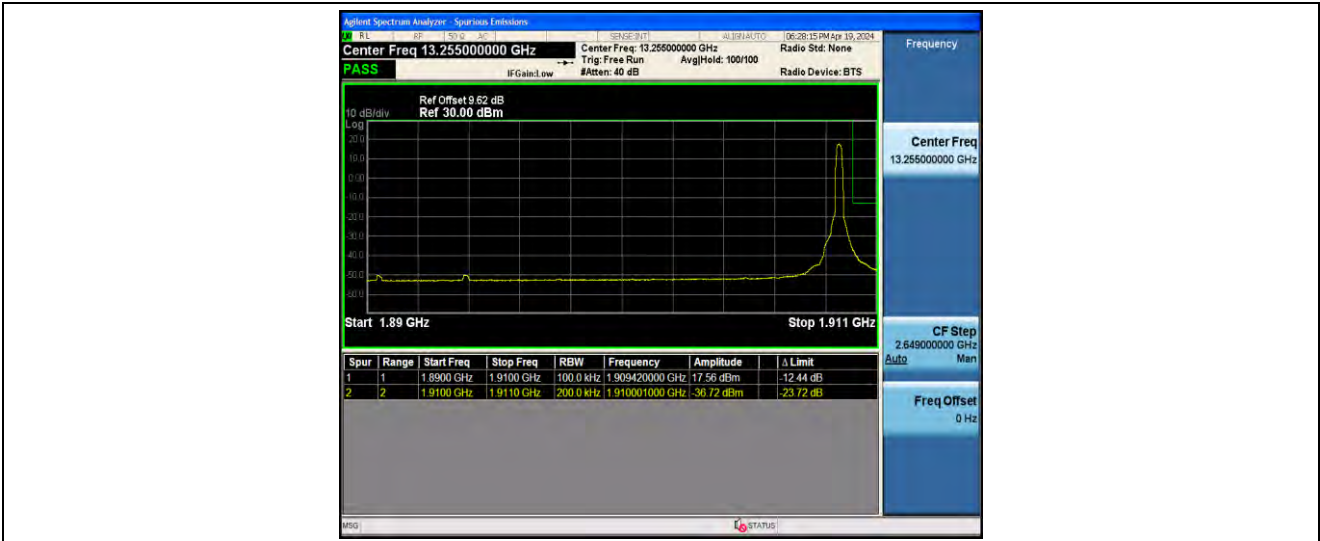
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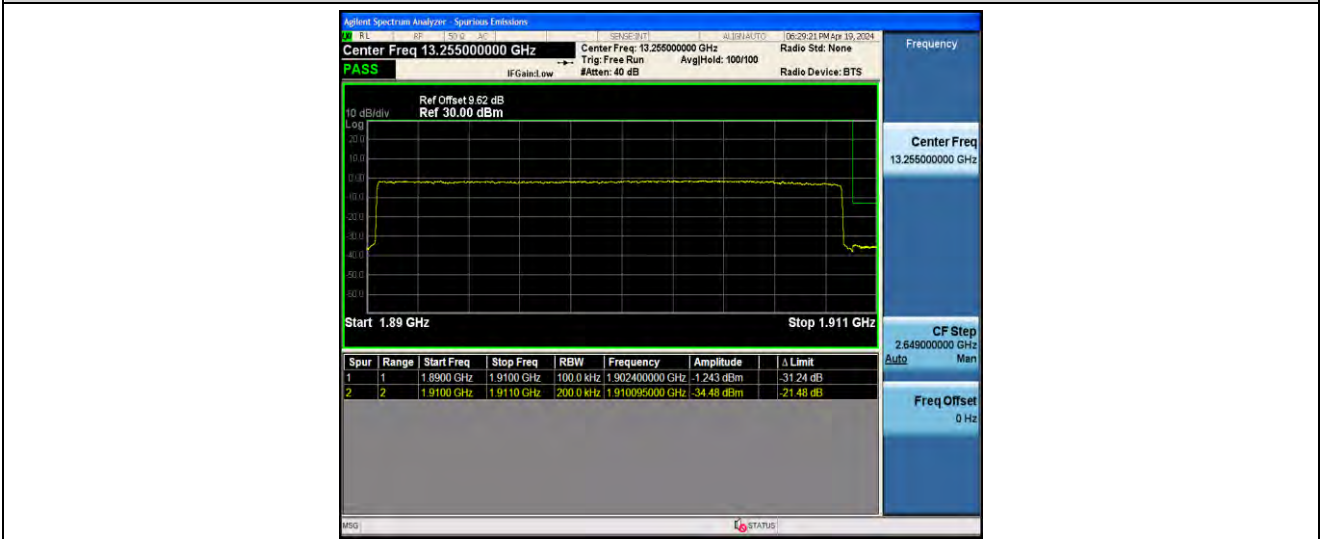


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1-N2-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-ANT41-1910.00-23.72--36.72-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-ANT41-1910.10-21.48--34.48-PASS



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## Conducted Spurious Emission for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N2	15	20	DFT-PI2BPSK	L	0.009	0.15	1@1	-64.04	-43	PASS
N2	15	20	DFT-PI2BPSK	L	0.15	30	1@1	-63.16	-33	PASS
N2	15	20	DFT-PI2BPSK	L	30	1000	1@1	-54.26	-23	PASS
N2	15	20	DFT-PI2BPSK	L	1000	3000	1@1	-37.27	-13	PASS
N2	15	20	DFT-PI2BPSK	L	3000	12000	1@1	-45.28	-13	PASS
N2	15	20	DFT-PI2BPSK	L	12000	20000	1@1	-42.35	-13	PASS
N2	15	20	DFT-PI2BPSK	M	0.009	0.15	1@1	-63.78	-43	PASS
N2	15	20	DFT-PI2BPSK	M	0.15	30	1@1	-57.91	-33	PASS
N2	15	20	DFT-PI2BPSK	M	30	1000	1@1	-54.15	-23	PASS
N2	15	20	DFT-PI2BPSK	M	1000	3000	1@1	-40.42	-13	PASS
N2	15	20	DFT-PI2BPSK	M	3000	12000	1@1	-45.34	-13	PASS
N2	15	20	DFT-PI2BPSK	M	12000	20000	1@1	-42.47	-13	PASS
N2	15	20	DFT-PI2BPSK	H	0.009	0.15	1@1	-63.26	-43	PASS
N2	15	20	DFT-PI2BPSK	H	0.15	30	1@1	-64.39	-33	PASS
N2	15	20	DFT-PI2BPSK	H	30	1000	1@1	-53.98	-23	PASS
N2	15	20	DFT-PI2BPSK	H	1000	3000	1@1	-40.36	-13	PASS
N2	15	20	DFT-PI2BPSK	H	3000	12000	1@1	-45.39	-13	PASS
N2	15	20	DFT-PI2BPSK	H	12000	20000	1@1	-42.33	-13	PASS



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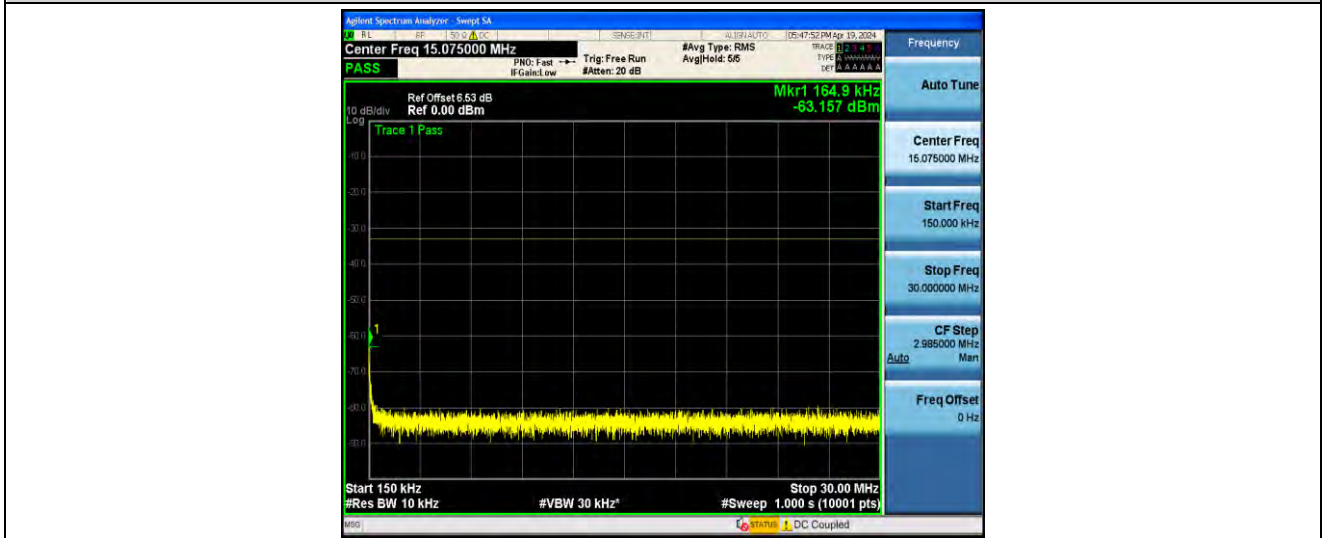
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**Test Graphs**



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-ANT41-0.01--64.04--43-PASS



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-ANT41-0.16--63.16--33-PASS



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1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-ANT41-889.42--54.26--23-PASS



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-ANT41-1848.40--37.27--13-PA

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1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-ANT41-5491.20--45.28--13-P  
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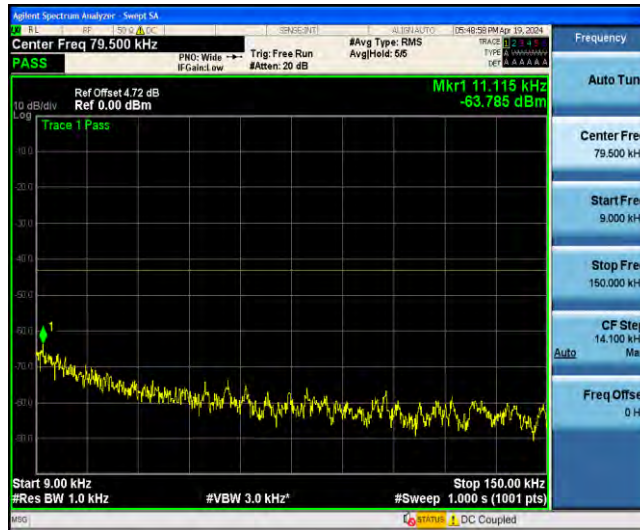


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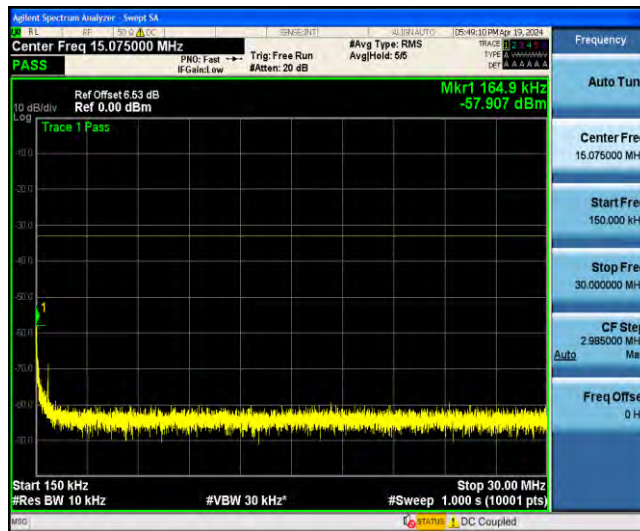


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1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-ANT41-0.01--63.78--43-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-ANT41-0.16--57.91--33-PASS



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1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-ANT41-907.37--54.15--23-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-ANT41-2677.20--40.42--13-PASS



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1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-ANT41-5879.55--45.34--13-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-ANT41-18777.60--42.47--13-PASS



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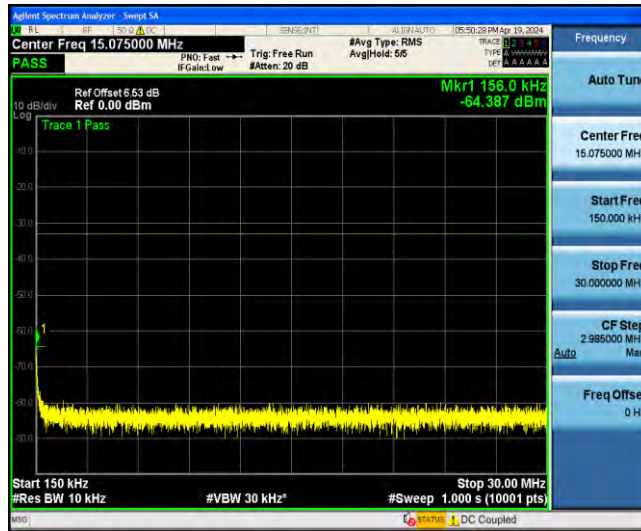


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1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-ANT41-0.01--63.26--43-PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-ANT41-0.16--64.39--33-PASS



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1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-ANT41-871.67--53.98--23-PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-ANT41-2678.60--40.36--13-P  
 ASS



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1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-ANT41-5821.05--45.39--13-P  
ASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-ANT41-18745.60--42.33--1  
3-PASS



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## Field Strength of Spurious Radiation

Test Band = n2 ANT13\_ TM1

Test Channel = low

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	44.50	29.02	-47.47	-69.21	-13.00	56.21	Horizontal
2	5553.0000	43.75	32.58	-47.04	-65.97	-13.00	52.97	Horizontal
3	7404.0000	42.79	36.29	-45.07	-61.25	-13.00	48.25	Horizontal
4	9255.0000	40.78	36.69	-42.41	-60.20	-13.00	47.20	Horizontal
5	11106.0000	37.06	39.62	-39.37	-57.95	-13.00	44.95	Horizontal
6	12957.0000	35.96	39.70	-38.62	-58.22	-13.00	45.22	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	44.78	29.02	-47.47	-68.93	-13.00	55.93	Vertical
2	5553.0000	44.02	32.58	-47.04	-65.70	-13.00	52.70	Vertical
3	7404.0000	42.71	36.29	-45.07	-61.33	-13.00	48.33	Vertical
4	9255.0000	40.49	36.69	-42.41	-60.49	-13.00	47.49	Vertical
5	11106.0000	37.70	39.62	-39.37	-57.31	-13.00	44.31	Vertical
6	12957.0000	36.32	39.70	-38.62	-57.86	-13.00	44.86	Vertical



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**Test Band = n2 ANT13\_ TM1**  
**Test Channel = mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	44.20	29.09	-47.37	-69.34	-13.00	56.34	Horizontal
2	5613.0000	43.89	32.55	-46.93	-65.75	-13.00	52.75	Horizontal
3	7484.0000	42.64	36.38	-45.09	-61.33	-13.00	48.33	Horizontal
4	9355.0000	39.85	36.92	-41.98	-60.47	-13.00	47.47	Horizontal
5	11226.0000	37.68	39.65	-39.00	-56.93	-13.00	43.93	Horizontal
6	13097.0000	36.38	39.87	-38.84	-57.85	-13.00	44.85	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	44.18	29.09	-47.37	-69.36	-13.00	56.36	Vertical
2	5613.0000	44.04	32.55	-46.93	-65.60	-13.00	52.60	Vertical
3	7484.0000	42.64	36.38	-45.09	-61.33	-13.00	48.33	Vertical
4	9355.0000	39.93	36.92	-41.98	-60.39	-13.00	47.39	Vertical
5	11226.0000	37.76	39.65	-39.00	-56.85	-13.00	43.85	Vertical
6	13097.0000	36.77	39.87	-38.84	-57.46	-13.00	44.46	Vertical



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**Test Band = n2 ANT13\_ TM1**  
**Test Channel = high**

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.0000	44.27	29.15	-47.26	-69.10	-13.00	56.10	Horizontal
2	5673.0000	44.23	32.53	-46.79	-65.29	-13.00	52.29	Horizontal
3	7564.0000	42.27	36.37	-44.79	-61.41	-13.00	48.41	Horizontal
4	9455.0000	39.78	37.15	-41.78	-60.11	-13.00	47.11	Horizontal
5	11346.0000	36.87	39.67	-39.06	-57.78	-13.00	44.78	Horizontal
6	13237.0000	36.89	40.13	-38.33	-56.57	-13.00	43.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.0000	43.85	29.15	-47.26	-69.52	-13.00	56.52	Vertical
2	5673.0000	43.93	32.53	-46.79	-65.59	-13.00	52.59	Vertical
3	7564.0000	42.99	36.37	-44.79	-60.69	-13.00	47.69	Vertical
4	9455.0000	39.58	37.15	-41.78	-60.31	-13.00	47.31	Vertical
5	11346.0000	37.15	39.67	-39.06	-57.50	-13.00	44.50	Vertical
6	13237.0000	36.52	40.13	-38.33	-56.94	-13.00	43.94	Vertical



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Test Band = DC\_7A\_n2A\_TM1  
Test Channel = low

Final Data List								
NO	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.000	44.66	29.02	-47.47	-69.05	-13.00	56.05	Horizontal
2	5551.902	47.39	32.58	-47.05	-62.34	-13.00	49.34	Horizontal
3	7402.376	47.26	36.28	-45.07	-56.79	-13.00	43.79	Horizontal
4	9255.000	40.65	36.69	-42.41	-60.33	-13.00	47.33	Horizontal
5	11106.000	37.67	39.62	-39.37	-57.34	-13.00	44.34	Horizontal
6	12957.00	36.61	39.70	-38.62	-57.57	-13.00	44.57	Horizontal

Final Data List								
NO	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.000	44.44	29.02	-47.47	-69.27	-13.00	56.27	Vertical
2	5552.502	47.00	32.58	-47.05	-62.73	-13.00	49.73	Vertical
3	7402.976	45.80	36.28	-45.07	-58.25	-13.00	45.25	Vertical
4	9255.000	40.69	36.69	-42.41	-60.29	-13.00	47.29	Vertical
5	11106.000	37.48	39.62	-39.37	-57.53	-13.00	44.53	Vertical
6	12957.00	36.18	39.70	-38.62	-58.00	-13.00	45.00	Vertical



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Test Band = DC\_7A\_n2A\_TM1  
Test Channel = mid

Final Data List								
NO	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.000	44.37	29.09	-47.37	-69.17	-13.00	56.17	Horizontal
2	5613.000	43.89	32.55	-46.93	-65.75	-13.00	52.75	Horizontal
3	7482.779	46.66	36.38	-45.09	-57.31	-13.00	44.31	Horizontal
4	9355.000	39.86	36.92	-41.98	-60.46	-13.00	47.46	Horizontal
5	11226.00	38.19	39.65	-39.00	-56.42	-13.00	43.42	Horizontal
6	13097.00	36.44	39.87	-38.84	-57.79	-13.00	44.79	Horizontal

Final Data List								
NO	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.000	44.11	29.09	-47.37	-69.43	-13.00	56.43	Vertical
2	5611.904	47.73	32.56	-46.93	-61.90	-13.00	48.90	Vertical
3	7482.779	50.45	36.38	-45.09	-53.52	-13.00	40.52	Vertical
4	9355.000	40.18	36.92	-41.98	-60.14	-13.00	47.14	Vertical
5	11226.00	38.34	39.65	-39.00	-56.27	-13.00	43.27	Vertical
6	13097.00	36.23	39.87	-38.84	-58.00	-13.00	45.00	Vertical



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**Test Band = DC\_7A\_n2A\_TM1**  
**Test Channel = high**

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.000	44.56	29.15	-47.26	-68.81	-13.00	55.81	Horizontal
2	5671.906	49.28	32.53	-46.79	-60.24	-13.00	47.24	Horizontal
3	7562.582	50.32	36.37	-44.80	-53.37	-13.00	40.37	Horizontal
4	9455.000	39.96	37.15	-41.78	-59.93	-13.00	46.93	Horizontal
5	11346.00	37.85	39.67	-39.06	-56.80	-13.00	43.80	Horizontal
6	13237.00	36.87	40.13	-38.33	-56.59	-13.00	43.59	Horizontal

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.000	43.96	29.15	-47.26	-69.41	-13.00	56.41	Vertical
2	5673.000	44.31	32.53	-46.79	-65.21	-13.00	52.21	Vertical
3	7564.000	42.99	36.37	-44.79	-60.69	-13.00	47.69	Vertical
4	9455.000	40.02	37.15	-41.78	-59.87	-13.00	46.87	Vertical
5	11346.00	37.19	39.67	-39.06	-57.46	-13.00	44.46	Vertical
6	13237.00	36.80	40.13	-38.33	-56.66	-13.00	43.66	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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

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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	100@0	VH	NT	-4.60	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	VN	NT	-7.10	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	VL	NT	-7.20	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VH	NT	5.90	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VN	NT	-4.60	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VL	NT	-6.30	0.00	PASS



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## Frequency Error VS. Temperature

### Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	100@0	NV	50	-14.500000	-0.007713	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-20	-12.300000	-0.006543	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-10	-5.700000	-0.003032	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	0	-6.300000	-0.003351	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	10	-8.600000	-0.004574	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	20	-11.500000	-0.006117	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	30	-11.100000	-0.005904	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-30	-5.400000	-0.002872	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	40	-8.200000	-0.004362	PASS
N2	15	20	CP-QPSK	M	106@0	NV	50	-4.900000	-0.002606	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-20	-1.700000	-0.000904	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-10	4.200000	0.002234	PASS
N2	15	20	CP-QPSK	M	106@0	NV	0	2.400000	0.001277	PASS
N2	15	20	CP-QPSK	M	106@0	NV	10	-5.100000	-0.002713	PASS
N2	15	20	CP-QPSK	M	106@0	NV	20	6.800000	0.003617	PASS
N2	15	20	CP-QPSK	M	106@0	NV	30	-2.400000	-0.001277	PASS
N2	15	20	CP-QPSK	M	106@0	NV	40	-2.300000	-0.001223	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-30	3.100000	0.001649	PASS

---End of Attachment---



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