



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

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Appendix B.21

NR Band n2



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 Shenzhen Branch
 Shenzhen Branch Wireless Laboratory

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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
N2	15	5	DFT-QPSK	L	1@1	23.34	21.84	33	PASS
N2	15	5	DFT-QPSK	L	1@23	23.39	21.89	33	PASS
N2	15	5	DFT-QPSK	L	25@0	22.65	21.15	33	PASS
N2	15	5	DFT-16QAM	L	1@1	22.74	21.24	33	PASS
N2	15	5	DFT-16QAM	L	1@23	22.78	21.28	33	PASS
N2	15	5	DFT-16QAM	L	25@0	22.13	20.63	33	PASS
N2	15	5	DFT-64QAM	L	1@1	21.37	19.87	33	PASS
N2	15	5	DFT-64QAM	L	1@23	21.35	19.85	33	PASS
N2	15	5	DFT-64QAM	L	25@0	21.74	20.24	33	PASS
N2	15	5	DFT-256QAM	L	1@1	20.03	18.53	33	PASS
N2	15	5	DFT-256QAM	L	1@23	20.07	18.57	33	PASS
N2	15	5	DFT-256QAM	L	25@0	20.06	18.56	33	PASS
N2	15	5	DFT-QPSK	M	1@1	23.59	22.09	33	PASS
N2	15	5	DFT-QPSK	M	1@23	23.64	22.14	33	PASS
N2	15	5	DFT-QPSK	M	25@0	23.00	21.50	33	PASS
N2	15	5	DFT-16QAM	M	1@1	23.16	21.66	33	PASS
N2	15	5	DFT-16QAM	M	1@23	23.12	21.62	33	PASS
N2	15	5	DFT-16QAM	M	25@0	22.48	20.98	33	PASS
N2	15	5	DFT-64QAM	M	1@1	21.71	20.21	33	PASS
N2	15	5	DFT-64QAM	M	1@23	21.71	20.21	33	PASS
N2	15	5	DFT-64QAM	M	25@0	22.06	20.56	33	PASS
N2	15	5	DFT-256QAM	M	1@1	20.38	18.88	33	PASS
N2	15	5	DFT-256QAM	M	1@23	20.44	18.94	33	PASS
N2	15	5	DFT-256QAM	M	25@0	20.42	18.92	33	PASS
N2	15	5	DFT-QPSK	H	1@1	23.41	21.91	33	PASS
N2	15	5	DFT-QPSK	H	1@23	23.46	21.96	33	PASS
N2	15	5	DFT-QPSK	H	25@0	22.88	21.38	33	PASS
N2	15	5	DFT-16QAM	H	1@1	22.83	21.33	33	PASS
N2	15	5	DFT-16QAM	H	1@23	22.87	21.37	33	PASS
N2	15	5	DFT-16QAM	H	25@0	22.30	20.80	33	PASS



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N2	15	5	DFT-64QAM	H	1@1	21.52	20.02	33	PASS
N2	15	5	DFT-64QAM	H	1@23	21.55	20.05	33	PASS
N2	15	5	DFT-64QAM	H	25@0	21.85	20.35	33	PASS
N2	15	5	DFT-256QAM	H	1@1	20.18	18.68	33	PASS
N2	15	5	DFT-256QAM	H	1@23	20.21	18.71	33	PASS
N2	15	5	DFT-256QAM	H	25@0	20.27	18.77	33	PASS
N2	15	10	DFT-QPSK	L	1@1	23.77	22.27	33	PASS
N2	15	10	DFT-QPSK	L	1@50	23.62	22.12	33	PASS
N2	15	10	DFT-QPSK	L	50@0	23.00	21.50	33	PASS
N2	15	10	DFT-16QAM	L	1@1	23.11	21.61	33	PASS
N2	15	10	DFT-16QAM	L	1@50	23.06	21.56	33	PASS
N2	15	10	DFT-16QAM	L	50@0	22.52	21.02	33	PASS
N2	15	10	DFT-64QAM	L	1@1	21.74	20.24	33	PASS
N2	15	10	DFT-64QAM	L	1@50	21.68	20.18	33	PASS
N2	15	10	DFT-64QAM	L	50@0	21.99	20.49	33	PASS
N2	15	10	DFT-256QAM	L	1@1	20.43	18.93	33	PASS
N2	15	10	DFT-256QAM	L	1@50	20.34	18.84	33	PASS
N2	15	10	DFT-256QAM	L	50@0	20.47	18.97	33	PASS
N2	15	10	DFT-QPSK	M	1@1	23.60	22.10	33	PASS
N2	15	10	DFT-QPSK	M	1@50	23.56	22.06	33	PASS
N2	15	10	DFT-QPSK	M	50@0	22.95	21.45	33	PASS
N2	15	10	DFT-16QAM	M	1@1	23.06	21.56	33	PASS
N2	15	10	DFT-16QAM	M	1@50	23.10	21.60	33	PASS
N2	15	10	DFT-16QAM	M	50@0	22.47	20.97	33	PASS
N2	15	10	DFT-64QAM	M	1@1	21.76	20.26	33	PASS
N2	15	10	DFT-64QAM	M	1@50	21.73	20.23	33	PASS
N2	15	10	DFT-64QAM	M	50@0	21.97	20.47	33	PASS
N2	15	10	DFT-256QAM	M	1@1	20.40	18.90	33	PASS
N2	15	10	DFT-256QAM	M	1@50	20.42	18.92	33	PASS
N2	15	10	DFT-256QAM	M	50@0	20.44	18.94	33	PASS
N2	15	10	DFT-QPSK	H	1@1	23.34	21.84	33	PASS
N2	15	10	DFT-QPSK	H	1@50	23.38	21.88	33	PASS
N2	15	10	DFT-QPSK	H	50@0	22.77	21.27	33	PASS
N2	15	10	DFT-16QAM	H	1@1	22.90	21.40	33	PASS
N2	15	10	DFT-16QAM	H	1@50	22.98	21.48	33	PASS
N2	15	10	DFT-16QAM	H	50@0	22.31	20.81	33	PASS



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N2	15	10	DFT-64QAM	H	1@1	21.60	20.10	33	PASS
N2	15	10	DFT-64QAM	H	1@50	21.58	20.08	33	PASS
N2	15	10	DFT-64QAM	H	50@0	21.83	20.33	33	PASS
N2	15	10	DFT-256QAM	H	1@1	20.27	18.77	33	PASS
N2	15	10	DFT-256QAM	H	1@50	20.22	18.72	33	PASS
N2	15	10	DFT-256QAM	H	50@0	20.27	18.77	33	PASS
N2	15	15	DFT-QPSK	L	1@1	23.82	22.32	33	PASS
N2	15	15	DFT-QPSK	L	1@77	23.47	21.97	33	PASS
N2	15	15	DFT-QPSK	L	75@0	23.02	21.52	33	PASS
N2	15	15	DFT-16QAM	L	1@1	23.15	21.65	33	PASS
N2	15	15	DFT-16QAM	L	1@77	23.05	21.55	33	PASS
N2	15	15	DFT-16QAM	L	75@0	22.48	20.98	33	PASS
N2	15	15	DFT-64QAM	L	1@1	21.76	20.26	33	PASS
N2	15	15	DFT-64QAM	L	1@77	21.66	20.16	33	PASS
N2	15	15	DFT-64QAM	L	75@0	22.02	20.52	33	PASS
N2	15	15	DFT-256QAM	L	1@1	20.44	18.94	33	PASS
N2	15	15	DFT-256QAM	L	1@77	20.30	18.80	33	PASS
N2	15	15	DFT-256QAM	L	75@0	20.47	18.97	33	PASS
N2	15	15	DFT-QPSK	M	1@1	23.56	22.06	33	PASS
N2	15	15	DFT-QPSK	M	1@77	23.66	22.16	33	PASS
N2	15	15	DFT-QPSK	M	75@0	23.01	21.51	33	PASS
N2	15	15	DFT-16QAM	M	1@1	23.11	21.61	33	PASS
N2	15	15	DFT-16QAM	M	1@77	23.13	21.63	33	PASS
N2	15	15	DFT-16QAM	M	75@0	22.48	20.98	33	PASS
N2	15	15	DFT-64QAM	M	1@1	21.72	20.22	33	PASS
N2	15	15	DFT-64QAM	M	1@77	21.81	20.31	33	PASS
N2	15	15	DFT-64QAM	M	75@0	22.01	20.51	33	PASS
N2	15	15	DFT-256QAM	M	1@1	20.39	18.89	33	PASS
N2	15	15	DFT-256QAM	M	1@77	20.49	18.99	33	PASS
N2	15	15	DFT-256QAM	M	75@0	20.47	18.97	33	PASS
N2	15	15	DFT-QPSK	H	1@1	23.41	21.91	33	PASS
N2	15	15	DFT-QPSK	H	1@77	23.45	21.95	33	PASS
N2	15	15	DFT-QPSK	H	75@0	22.83	21.33	33	PASS
N2	15	15	DFT-16QAM	H	1@1	22.97	21.47	33	PASS
N2	15	15	DFT-16QAM	H	1@77	22.90	21.40	33	PASS
N2	15	15	DFT-16QAM	H	75@0	22.28	20.78	33	PASS



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N2	15	15	DFT-64QAM	H	1@1	21.60	20.10	33	PASS
N2	15	15	DFT-64QAM	H	1@77	21.58	20.08	33	PASS
N2	15	15	DFT-64QAM	H	75@0	21.84	20.34	33	PASS
N2	15	15	DFT-256QAM	H	1@1	20.24	18.74	33	PASS
N2	15	15	DFT-256QAM	H	1@77	20.24	18.74	33	PASS
N2	15	15	DFT-256QAM	H	75@0	20.30	18.80	33	PASS
N2	15	20	DFT-QPSK	L	1@1	23.73	22.23	33	PASS
N2	15	20	DFT-QPSK	L	1@104	23.49	21.99	33	PASS
N2	15	20	DFT-QPSK	L	100@0	23.00	21.50	33	PASS
N2	15	20	DFT-16QAM	L	1@1	23.11	21.61	33	PASS
N2	15	20	DFT-16QAM	L	1@104	23.04	21.54	33	PASS
N2	15	20	DFT-16QAM	L	100@0	22.50	21.00	33	PASS
N2	15	20	DFT-64QAM	L	1@1	21.76	20.26	33	PASS
N2	15	20	DFT-64QAM	L	1@104	21.74	20.24	33	PASS
N2	15	20	DFT-64QAM	L	100@0	22.02	20.52	33	PASS
N2	15	20	DFT-256QAM	L	1@1	20.44	18.94	33	PASS
N2	15	20	DFT-256QAM	L	1@104	20.36	18.86	33	PASS
N2	15	20	DFT-256QAM	L	100@0	20.46	18.96	33	PASS
N2	15	20	DFT-QPSK	M	1@1	23.52	22.02	33	PASS
N2	15	20	DFT-QPSK	M	1@104	23.67	22.17	33	PASS
N2	15	20	DFT-QPSK	M	100@0	22.98	21.48	33	PASS
N2	15	20	DFT-16QAM	M	1@1	23.07	21.57	33	PASS
N2	15	20	DFT-16QAM	M	1@104	23.16	21.66	33	PASS
N2	15	20	DFT-16QAM	M	100@0	22.50	21.00	33	PASS
N2	15	20	DFT-64QAM	M	1@1	21.78	20.28	33	PASS
N2	15	20	DFT-64QAM	M	1@104	21.83	20.33	33	PASS
N2	15	20	DFT-64QAM	M	100@0	22.02	20.52	33	PASS
N2	15	20	DFT-256QAM	M	1@1	20.38	18.88	33	PASS
N2	15	20	DFT-256QAM	M	1@104	20.46	18.96	33	PASS
N2	15	20	DFT-256QAM	M	100@0	20.47	18.97	33	PASS
N2	15	20	DFT-QPSK	H	1@1	23.48	21.98	33	PASS
N2	15	20	DFT-QPSK	H	1@104	23.44	21.94	33	PASS
N2	15	20	DFT-QPSK	H	100@0	22.83	21.33	33	PASS
N2	15	20	DFT-16QAM	H	1@1	23.05	21.55	33	PASS
N2	15	20	DFT-16QAM	H	1@104	22.94	21.44	33	PASS
N2	15	20	DFT-16QAM	H	100@0	22.29	20.79	33	PASS



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N2	15	20	DFT-64QAM	H	1@1	21.75	20.25	33	PASS
N2	15	20	DFT-64QAM	H	1@104	21.69	20.19	33	PASS
N2	15	20	DFT-64QAM	H	100@0	21.81	20.31	33	PASS
N2	15	20	DFT-256QAM	H	1@1	20.38	18.88	33	PASS
N2	15	20	DFT-256QAM	H	1@104	20.29	18.79	33	PASS
N2	15	20	DFT-256QAM	H	100@0	20.30	18.80	19~27.5	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Graphs



1-N2-PC3-15-5-L-1-NS_01-DFT-256QAM-Outer_Full-25@0-6.07-PASS



1-N2-PC3-15-5-L-2-NS_01-CP-256QAM-Outer_Full-25@0-7.58-PASS



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1-N2-PC3-15-20-L-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.67-PASS



1-N2-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-8.47-PASS



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1-N2-PC3-15-20-M-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.91-PASS



1-N2-PC3-15-20-M-2-NS_01-CP-256QAM-Outer_Full-106@0-8.90-PASS



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1-N2-PC3-15-20-H-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.90-PASS



1-N2-PC3-15-20-H-2-NS_01-CP-256QAM-Outer_Full-106@0-8.93-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	4.4874	4.855	PASS
N2	15	5	DFT-16QAM	L	25@0	4.4865	4.824	PASS
N2	15	5	DFT-64QAM	L	25@0	4.4893	4.811	PASS
N2	15	5	DFT-256QAM	L	25@0	4.4866	4.869	PASS
N2	15	5	CP-QPSK	L	25@0	4.4759	4.828	PASS
N2	15	5	CP-16QAM	L	25@0	4.4776	4.831	PASS
N2	15	5	CP-64QAM	L	25@0	4.4917	4.855	PASS
N2	15	5	CP-256QAM	L	25@0	4.4785	4.815	PASS
N2	15	5	DFT-QPSK	M	25@0	4.4811	4.812	PASS
N2	15	5	DFT-16QAM	M	25@0	4.4780	4.791	PASS
N2	15	5	DFT-64QAM	M	25@0	4.4958	4.820	PASS
N2	15	5	DFT-256QAM	M	25@0	4.4806	4.828	PASS
N2	15	5	CP-QPSK	M	25@0	4.4706	4.811	PASS
N2	15	5	CP-16QAM	M	25@0	4.4652	4.842	PASS
N2	15	5	CP-64QAM	M	25@0	4.4924	4.826	PASS
N2	15	5	CP-256QAM	M	25@0	4.4710	4.817	PASS
N2	15	5	DFT-QPSK	H	25@0	4.4782	4.791	PASS
N2	15	5	DFT-16QAM	H	25@0	4.4844	4.826	PASS
N2	15	5	DFT-64QAM	H	25@0	4.4919	4.860	PASS
N2	15	5	DFT-256QAM	H	25@0	4.4836	4.832	PASS
N2	15	5	CP-QPSK	H	25@0	4.4745	4.806	PASS
N2	15	5	CP-16QAM	H	25@0	4.4622	4.782	PASS
N2	15	5	CP-64QAM	H	25@0	4.4814	4.786	PASS
N2	15	5	CP-256QAM	H	25@0	4.4751	4.785	PASS
N2	15	10	DFT-QPSK	L	50@0	8.8994	9.391	PASS
N2	15	10	DFT-16QAM	L	50@0	8.9117	9.370	PASS
N2	15	10	DFT-64QAM	L	50@0	8.9261	9.358	PASS
N2	15	10	DFT-256QAM	L	50@0	8.9043	9.317	PASS
N2	15	10	CP-QPSK	L	52@0	9.2834	9.715	PASS
N2	15	10	CP-16QAM	L	52@0	9.2837	9.813	PASS



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N2	15	10	CP-64QAM	L	52@0	9.2920	9.743	PASS
N2	15	10	CP-256QAM	L	52@0	9.2737	9.740	PASS
N2	15	10	DFT-QPSK	M	50@0	8.9218	9.376	PASS
N2	15	10	DFT-16QAM	M	50@0	8.9256	9.417	PASS
N2	15	10	DFT-64QAM	M	50@0	8.9203	9.396	PASS
N2	15	10	DFT-256QAM	M	50@0	8.9030	9.395	PASS
N2	15	10	CP-QPSK	M	52@0	9.2864	9.722	PASS
N2	15	10	CP-16QAM	M	52@0	9.2742	9.647	PASS
N2	15	10	CP-64QAM	M	52@0	9.2961	9.725	PASS
N2	15	10	CP-256QAM	M	52@0	9.2725	9.719	PASS
N2	15	10	DFT-QPSK	H	50@0	8.8951	9.393	PASS
N2	15	10	DFT-16QAM	H	50@0	8.9111	9.403	PASS
N2	15	10	DFT-64QAM	H	50@0	8.9330	9.425	PASS
N2	15	10	DFT-256QAM	H	50@0	8.8914	9.403	PASS
N2	15	10	CP-QPSK	H	52@0	9.2745	9.751	PASS
N2	15	10	CP-16QAM	H	52@0	9.2716	9.724	PASS
N2	15	10	CP-64QAM	H	52@0	9.2879	9.764	PASS
N2	15	10	CP-256QAM	H	52@0	9.2390	9.719	PASS
N2	15	15	DFT-QPSK	L	75@0	13.411	14.00	PASS
N2	15	15	DFT-16QAM	L	75@0	13.422	14.04	PASS
N2	15	15	DFT-64QAM	L	75@0	13.424	13.96	PASS
N2	15	15	DFT-256QAM	L	75@0	13.388	14.01	PASS
N2	15	15	CP-QPSK	L	79@0	14.124	14.74	PASS
N2	15	15	CP-16QAM	L	79@0	14.150	14.71	PASS
N2	15	15	CP-64QAM	L	79@0	14.152	14.78	PASS
N2	15	15	CP-256QAM	L	79@0	14.131	14.71	PASS
N2	15	15	DFT-QPSK	M	75@0	13.399	13.95	PASS
N2	15	15	DFT-16QAM	M	75@0	13.406	14.04	PASS
N2	15	15	DFT-64QAM	M	75@0	13.397	13.98	PASS
N2	15	15	DFT-256QAM	M	75@0	13.406	13.97	PASS
N2	15	15	CP-QPSK	M	79@0	14.074	14.70	PASS
N2	15	15	CP-16QAM	M	79@0	14.114	14.74	PASS
N2	15	15	CP-64QAM	M	79@0	14.108	14.78	PASS
N2	15	15	CP-256QAM	M	79@0	14.091	14.66	PASS
N2	15	15	DFT-QPSK	H	75@0	13.423	14.02	PASS
N2	15	15	DFT-16QAM	H	75@0	13.386	13.95	PASS



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N2	15	15	DFT-64QAM	H	75@0	13.417	14.07	PASS
N2	15	15	DFT-256QAM	H	75@0	13.384	13.98	PASS
N2	15	15	CP-QPSK	H	79@0	14.129	14.68	PASS
N2	15	15	CP-16QAM	H	79@0	14.082	14.71	PASS
N2	15	15	CP-64QAM	H	79@0	14.103	14.77	PASS
N2	15	15	CP-256QAM	H	79@0	14.140	14.72	PASS
N2	15	20	DFT-QPSK	L	100@0	17.946	18.66	PASS
N2	15	20	DFT-16QAM	L	100@0	17.906	18.63	PASS
N2	15	20	DFT-64QAM	L	100@0	17.918	18.60	PASS
N2	15	20	DFT-256QAM	L	100@0	17.909	18.63	PASS
N2	15	20	CP-QPSK	L	106@0	18.943	19.71	PASS
N2	15	20	CP-16QAM	L	106@0	18.963	19.72	PASS
N2	15	20	CP-64QAM	L	106@0	18.950	19.64	PASS
N2	15	20	CP-256QAM	L	106@0	18.929	19.73	PASS
N2	15	20	DFT-QPSK	M	100@0	17.887	18.60	PASS
N2	15	20	DFT-16QAM	M	100@0	17.880	18.58	PASS
N2	15	20	DFT-64QAM	M	100@0	17.903	18.58	PASS
N2	15	20	DFT-256QAM	M	100@0	17.888	18.60	PASS
N2	15	20	CP-QPSK	M	106@0	18.920	19.73	PASS
N2	15	20	CP-16QAM	M	106@0	18.909	19.71	PASS
N2	15	20	CP-64QAM	M	106@0	18.919	19.75	PASS
N2	15	20	CP-256QAM	M	106@0	18.931	19.73	PASS
N2	15	20	DFT-QPSK	H	100@0	17.919	18.64	PASS
N2	15	20	DFT-16QAM	H	100@0	17.837	18.64	PASS
N2	15	20	DFT-64QAM	H	100@0	17.882	18.60	PASS
N2	15	20	DFT-256QAM	H	100@0	17.855	18.58	PASS
N2	15	20	CP-QPSK	H	106@0	18.864	19.70	PASS
N2	15	20	CP-16QAM	H	106@0	18.886	19.74	PASS
N2	15	20	CP-64QAM	H	106@0	18.956	19.72	PASS
N2	15	20	CP-256QAM	H	106@0	18.895	19.74	PASS



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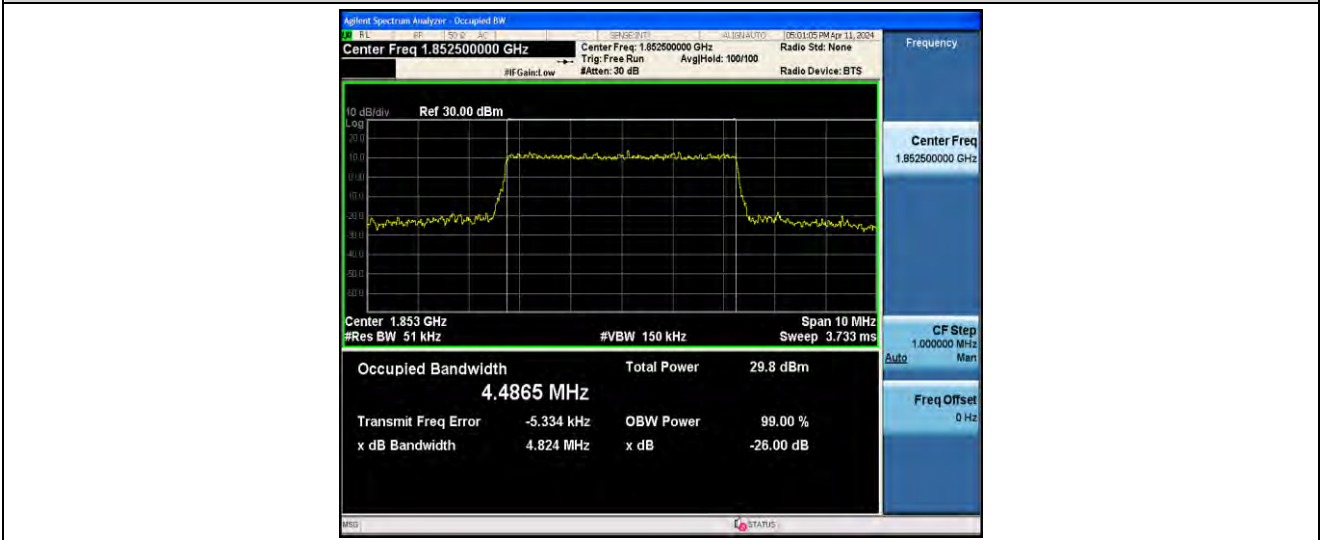
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Test Graphs



1-N2-PC3-15-5-L-1-DFT-QPSK-Outer_Full-25@0-ANT0-4.4874-4.855-≤5-PASS



1-N2-PC3-15-5-L-3-DFT-16QAM-Outer_Full-25@0-ANT0-4.4865-4.824-≤5-PASS



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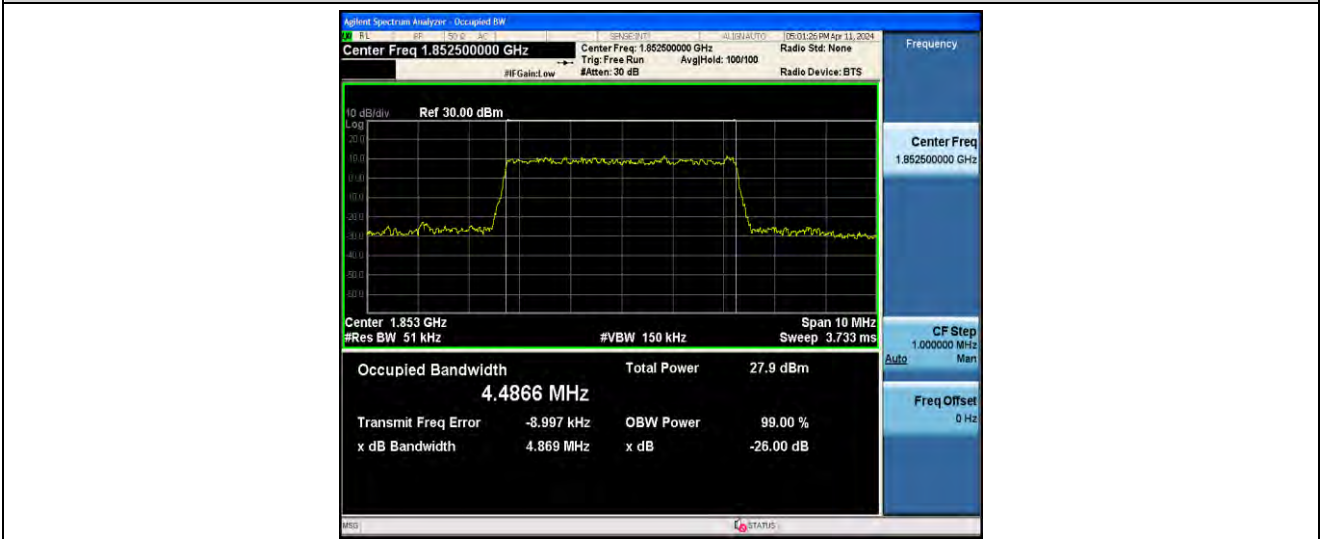


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1-N2-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-ANT0-4.4893-4.811-≤5-PASS



1-N2-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-ANT0-4.4866-4.869-≤5-PASS



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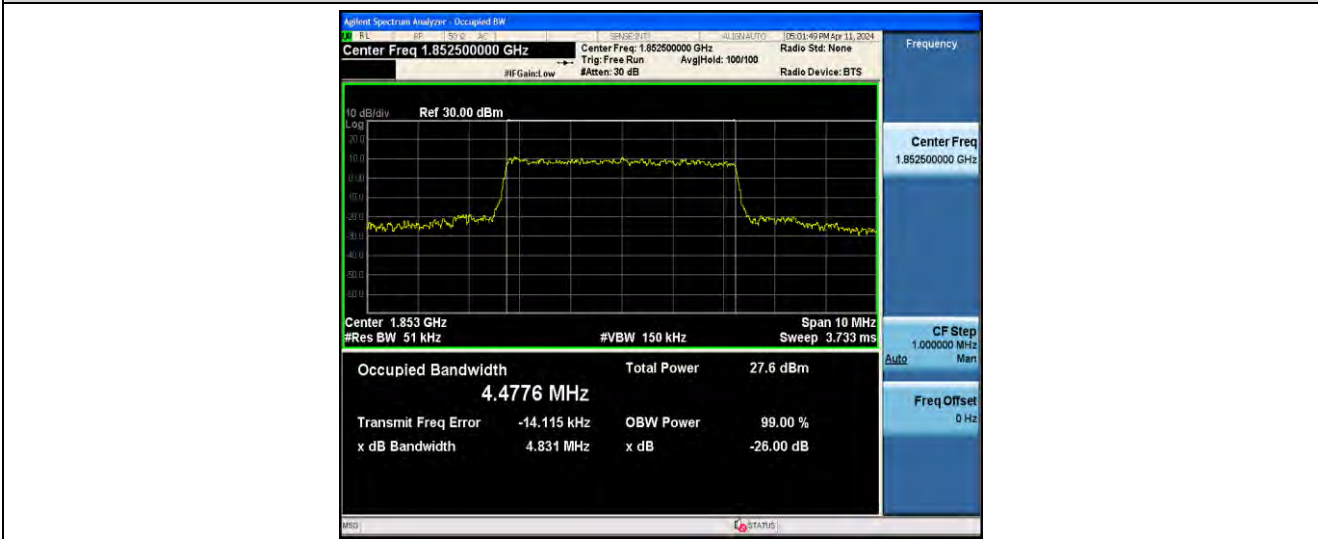


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1-N2-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-ANT0-4.4759-4.828-≤5-PASS



1-N2-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-ANT0-4.4776-4.831-≤5-PASS



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1-N2-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-ANT0-4.4917-4.855-≤5-PASS



1-N2-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-ANT0-4.4785-4.815-≤5-PASS



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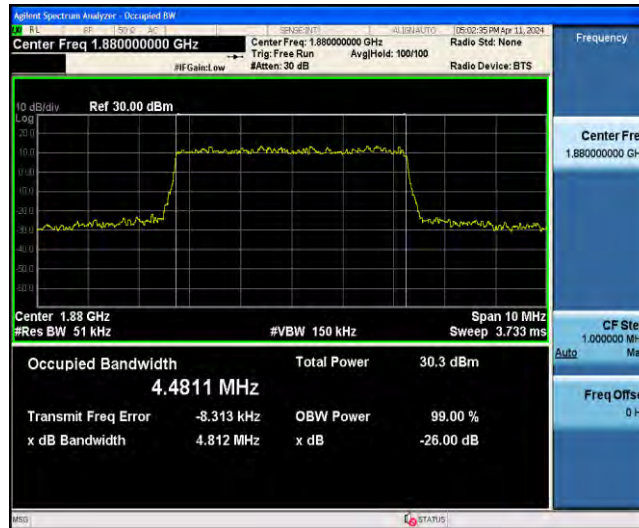
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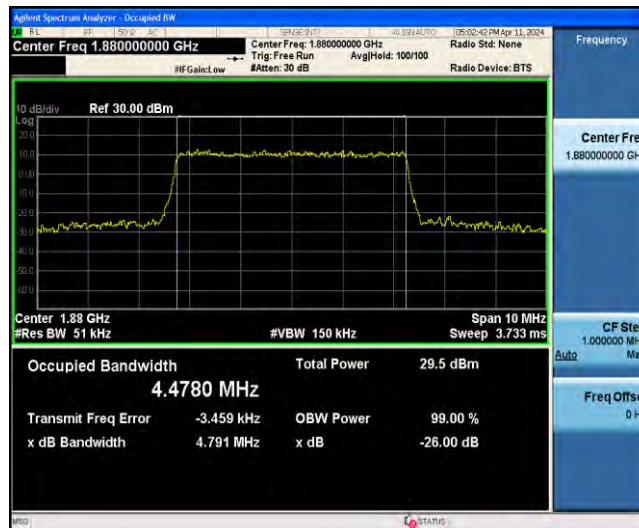


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1-N2-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-ANT0-4.4811-4.812-≤5-PASS



1-N2-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-ANT0-4.4780-4.791-≤5-PASS



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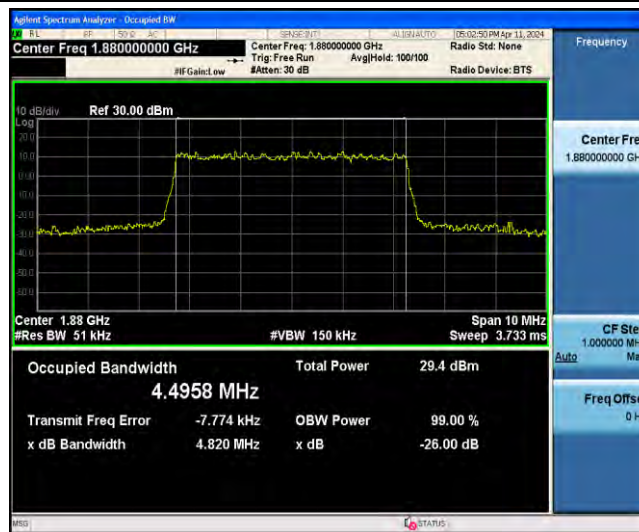
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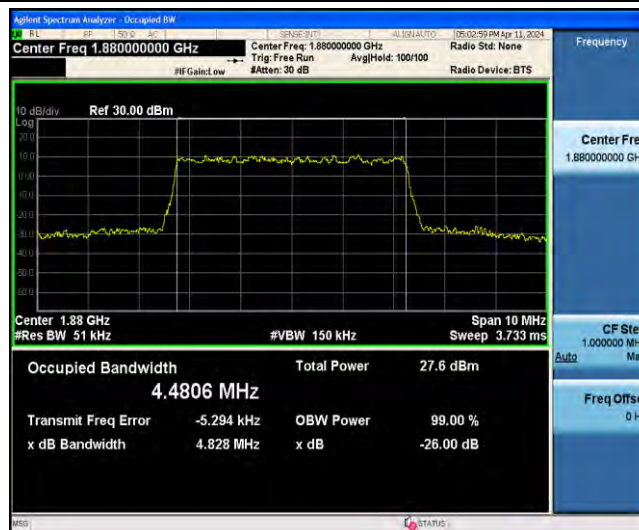


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1-N2-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-ANT0-4.4958-4.820-≤5-PASS



1-N2-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-ANT0-4.4806-4.828-≤5-PASS



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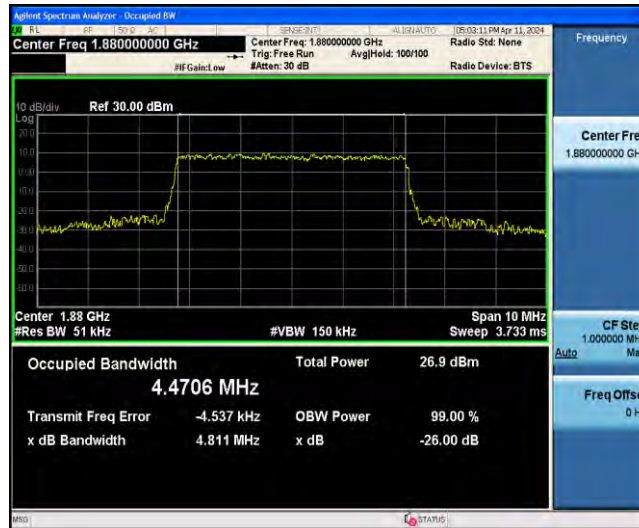
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1-N2-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-ANT0-4.4706-4.811-≤5-PASS



1-N2-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-ANT0-4.4652-4.842-≤5-PASS



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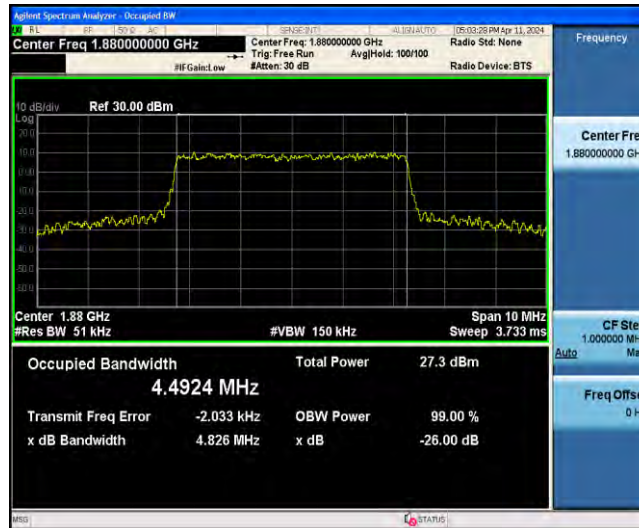
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1-N2-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-ANT0-4.4924-4.826-≤5-PASS



1-N2-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-ANT0-4.4710-4.817-≤5-PASS



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1-N2-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-ANT0-4.4782-4.791-<=5-PASS



1-N2-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-ANT0-4.4844-4.826-<=5-PASS



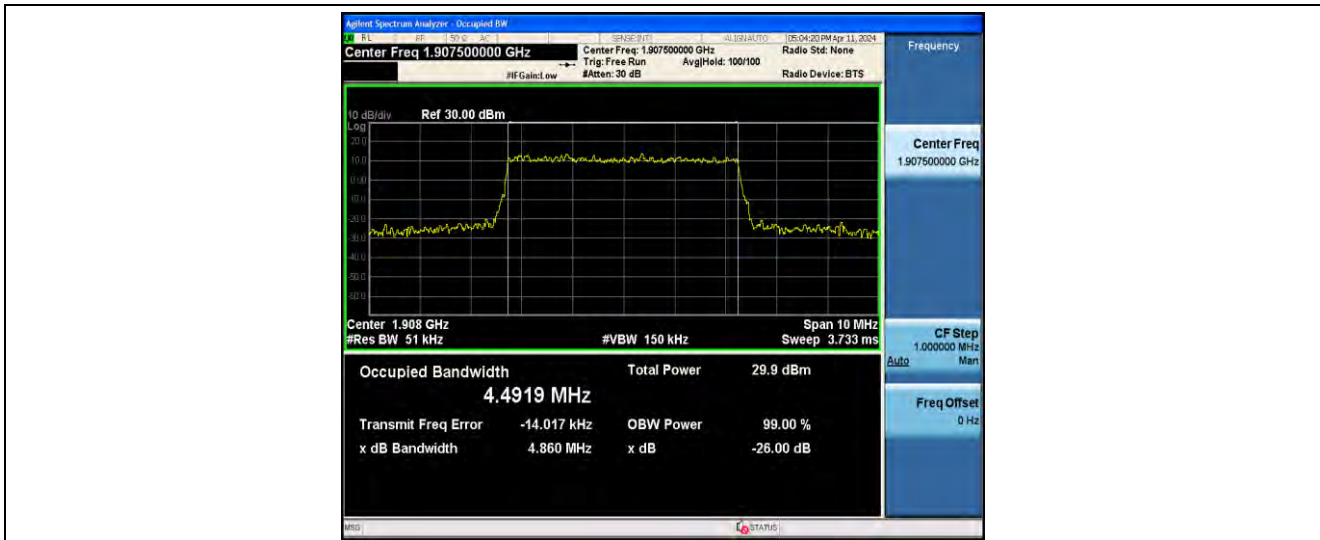
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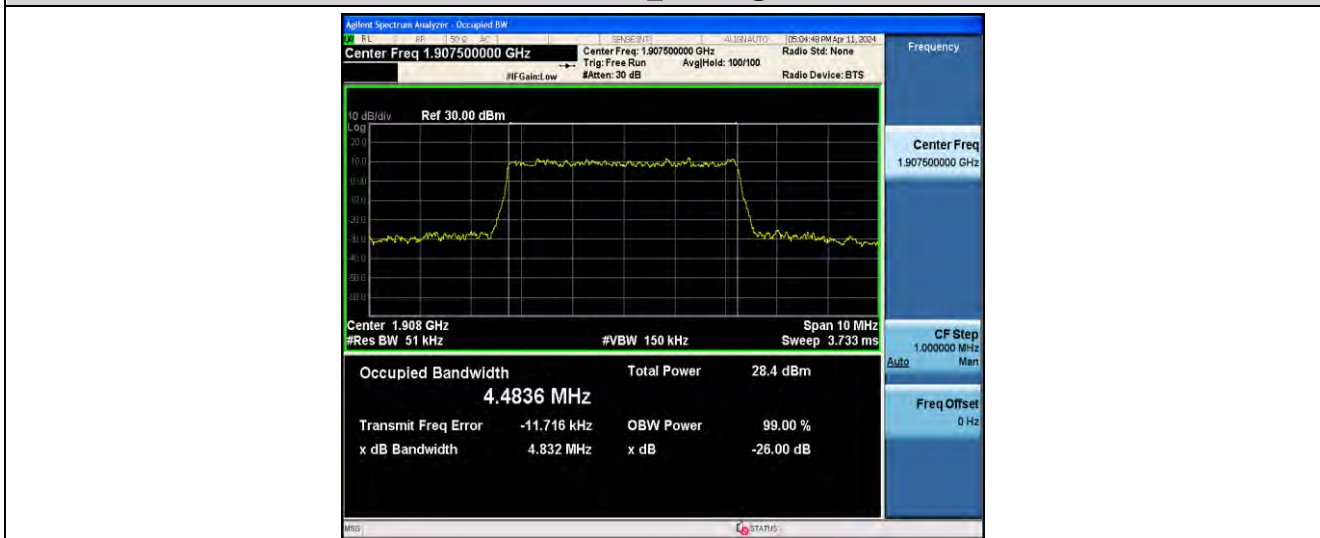


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1-N2-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-ANT0-4.4919-4.860-≤ 5-PASS



1-N2-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-ANT0-4.4836-4.832-≤ 5-PASS



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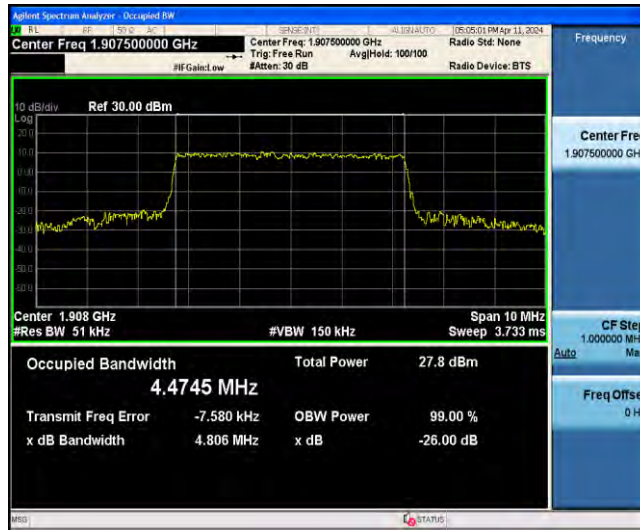
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1-N2-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-ANT0-4.4745-4.806-≤5-PASS



1-N2-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-ANT0-4.4622-4.782-≤5-PASS



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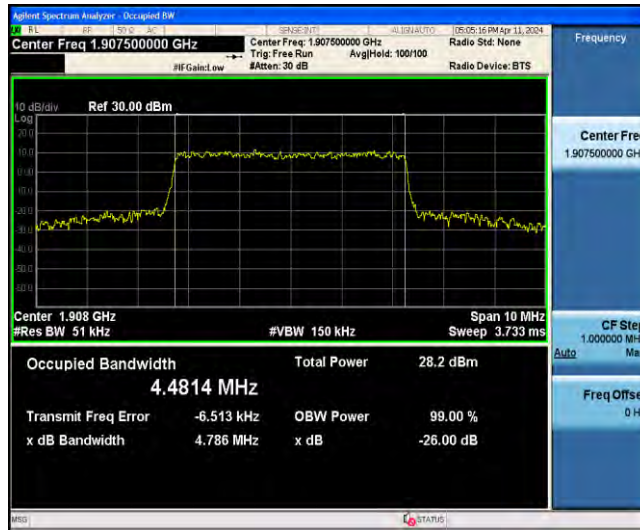
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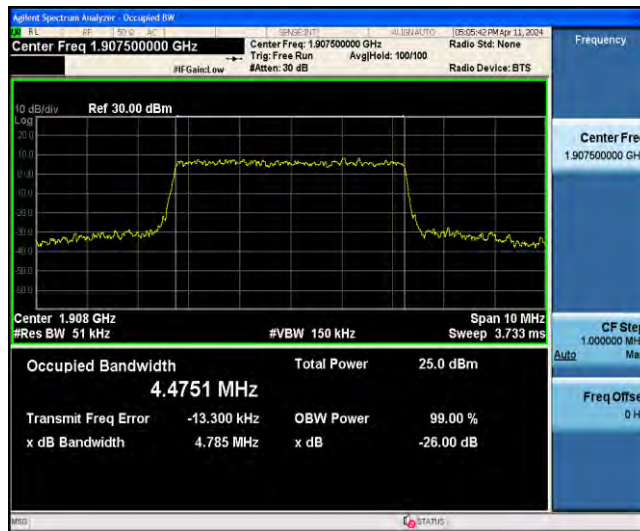


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1-N2-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-ANT0-4.4814-4.786-≤5-PASS



1-N2-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-ANT0-4.4751-4.785-≤5-PASS



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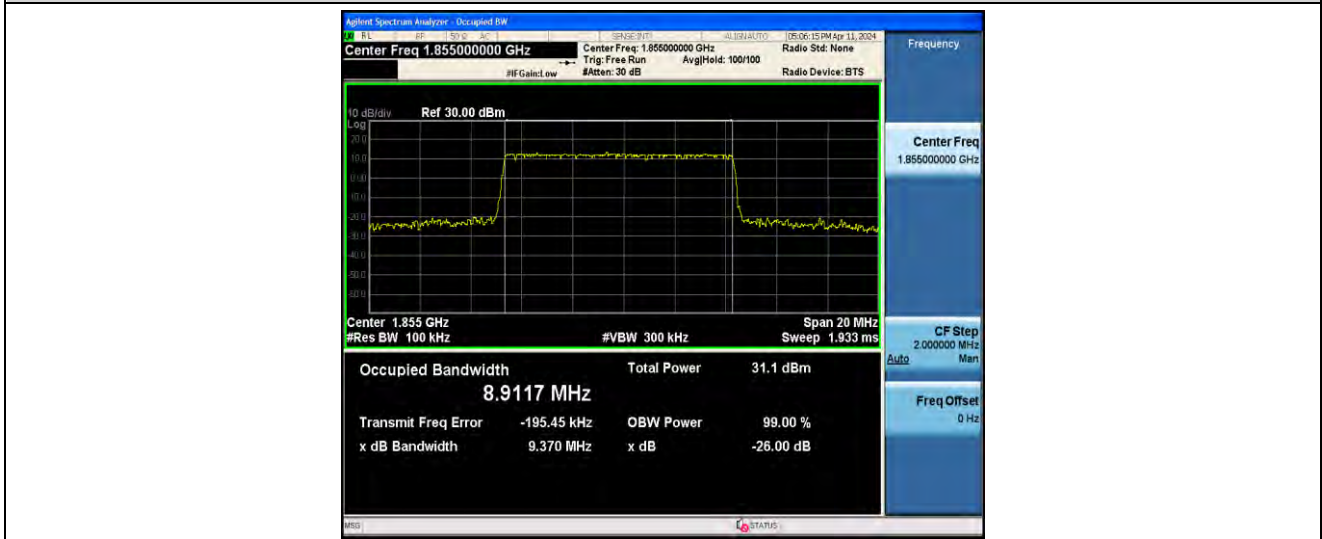


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1-N2-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-ANT0-8.8994-9.391-≤10-PASS



1-N2-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-ANT0-8.9117-9.370-≤10-PASS



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1-N2-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-ANT0-8.9261-9.358-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-ANT0-8.9043-9.317-≤10-PASS



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1-N2-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-ANT0-9.2834-9.715-≤10-PASS



1-N2-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-ANT0-9.2837-9.813-≤10-PASS



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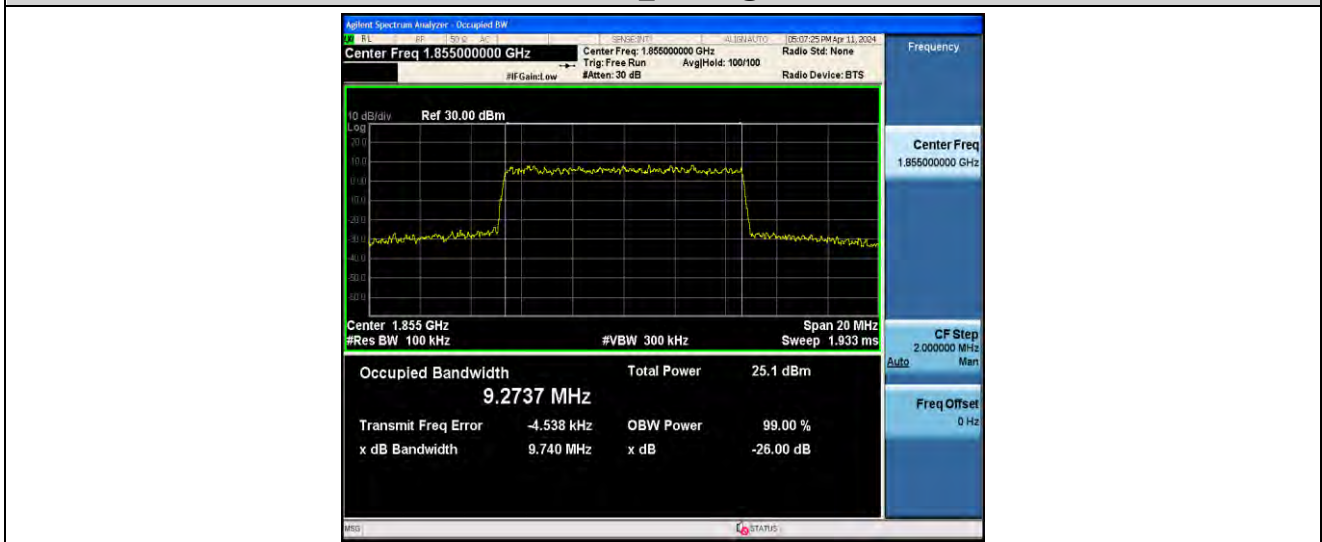


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1-N2-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-ANT0-9.2920-9.743-≤10-PASS



1-N2-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-ANT0-9.2737-9.740-≤10-PASS



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1-N2-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-ANT0-8.9218-9.376-≤10-PASS



1-N2-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-ANT0-8.9256-9.417-≤10-PASS



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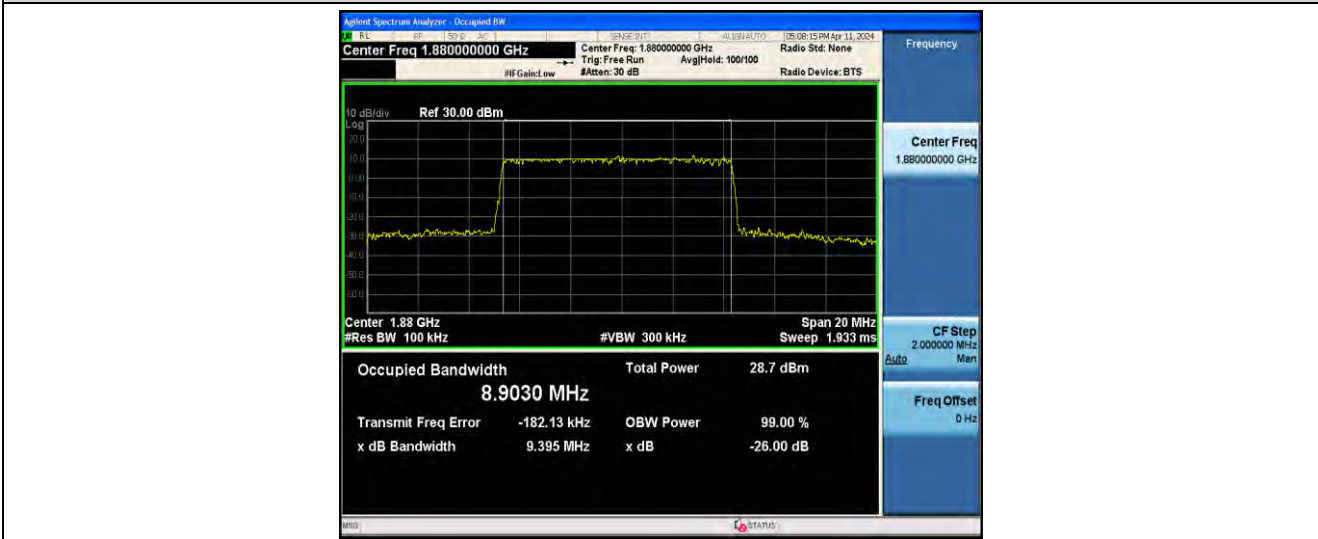


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1-N2-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-ANT0-8.9203-9.396-≤10-PASS



1-N2-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-ANT0-8.9030-9.395-≤10-PASS



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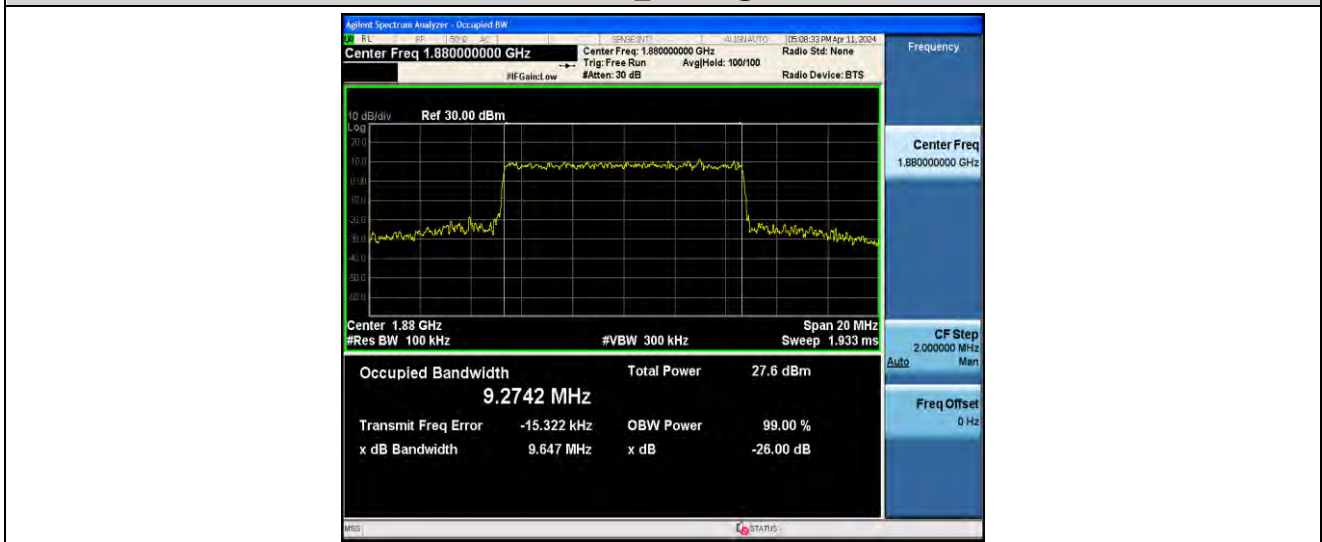


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1-N2-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-ANT0-9.2864-9.722-≤10-PASS



1-N2-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-ANT0-9.2742-9.647-≤10-PASS



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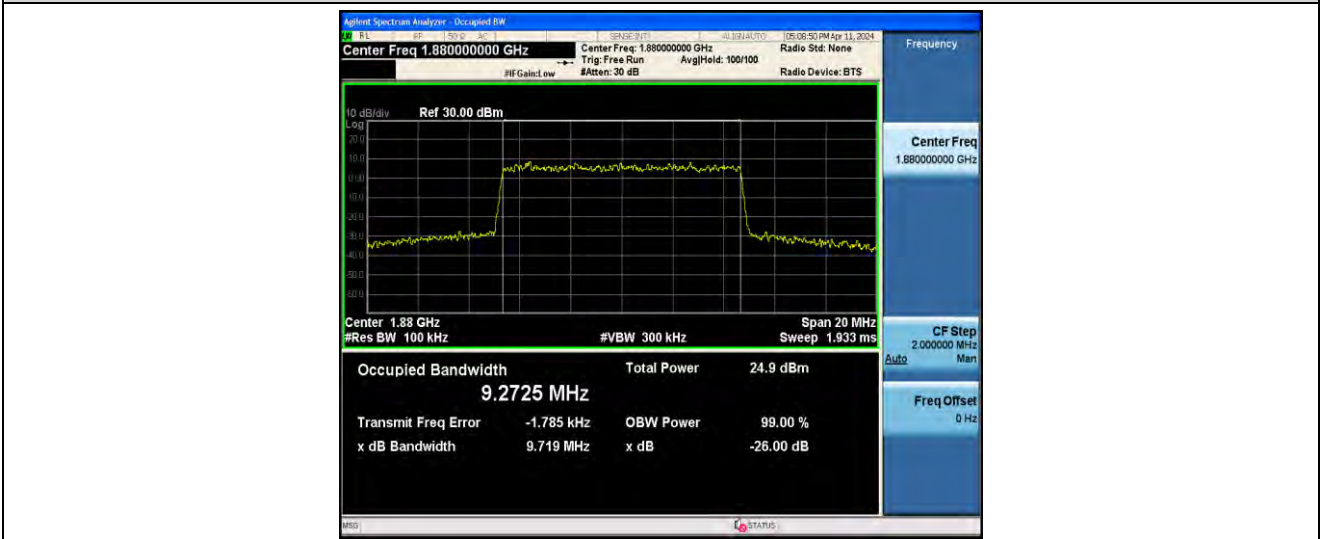


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1-N2-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-ANT0-9.2961-9.725-≤10-PASS



1-N2-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-ANT0-9.2725-9.719-≤10-PASS



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1-N2-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-ANT0-8.8951-9.393-≤10-PASS



1-N2-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-ANT0-8.9111-9.403-≤10-PASS



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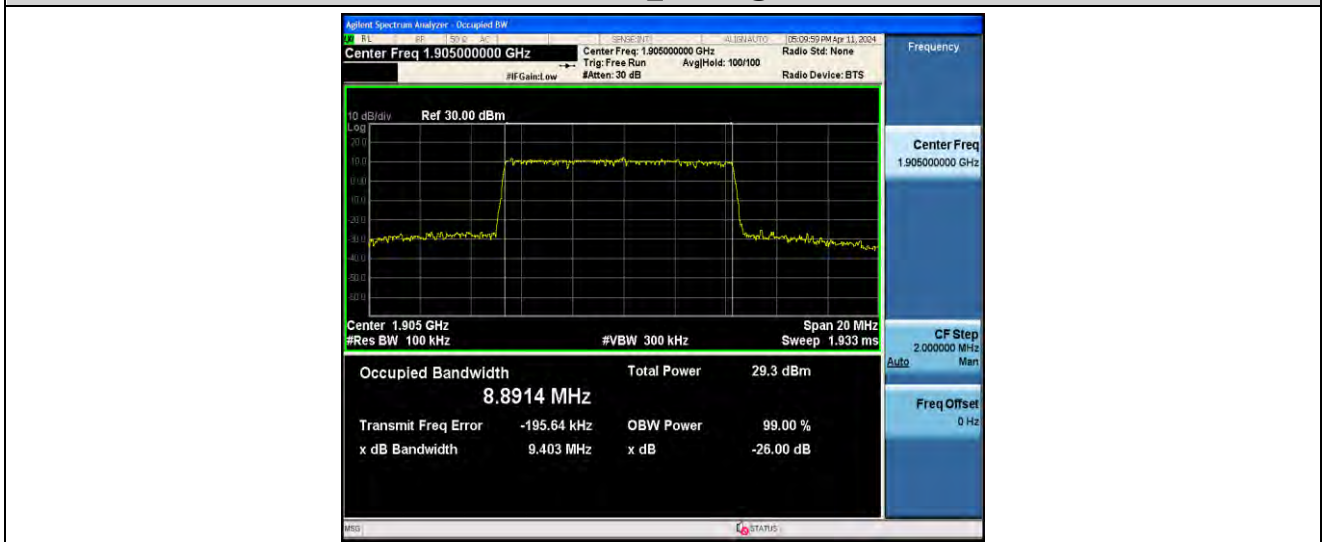


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1-N2-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-ANT0-8.9330-9.425-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-ANT0-8.8914-9.403-≤10-PASS



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1-N2-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-ANT0-9.2745-9.751-≤10-PASS



1-N2-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-ANT0-9.2716-9.724-≤10-PASS



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1-N2-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-ANT0-9.2879-9.764-≤10-PASS



1-N2-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-ANT0-9.2390-9.719-≤10-PASS



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1-N2-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-ANT0-13.411-14.00-≤15-PASS



1-N2-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-ANT0-13.422-14.04-≤15-PASS



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1-N2-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-ANT0-13.424-13.96-≤15-PASS



1-N2-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-ANT0-13.388-14.01-≤15-PASS



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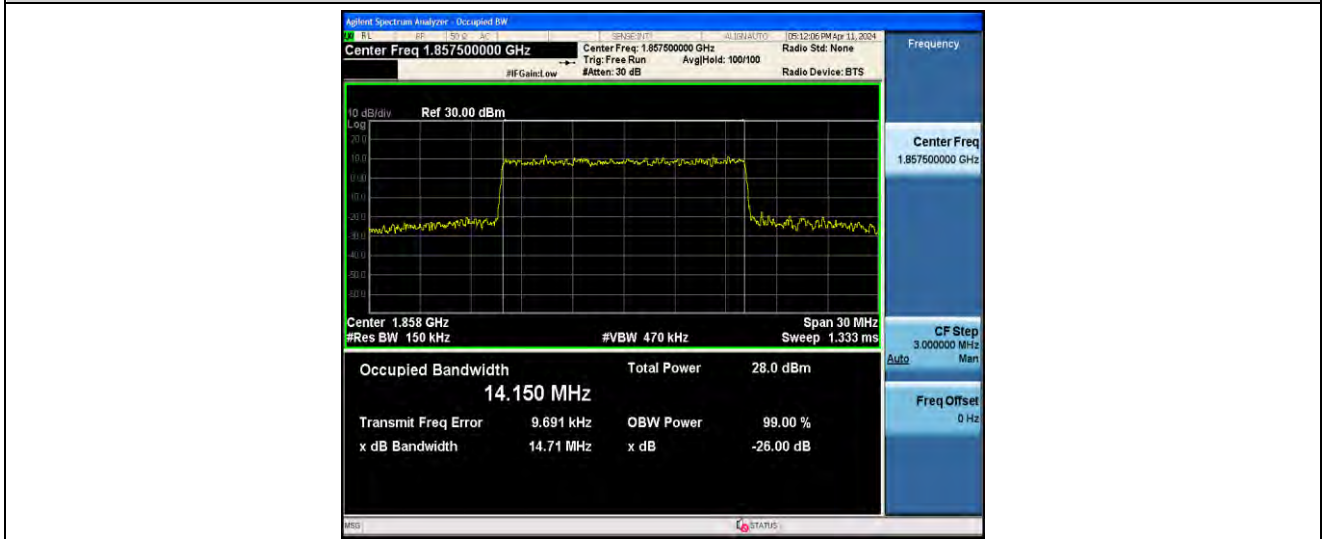


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1-N2-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-ANT0-14.124-14.74-≤15-PASS



1-N2-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-ANT0-14.150-14.71-≤15-PASS



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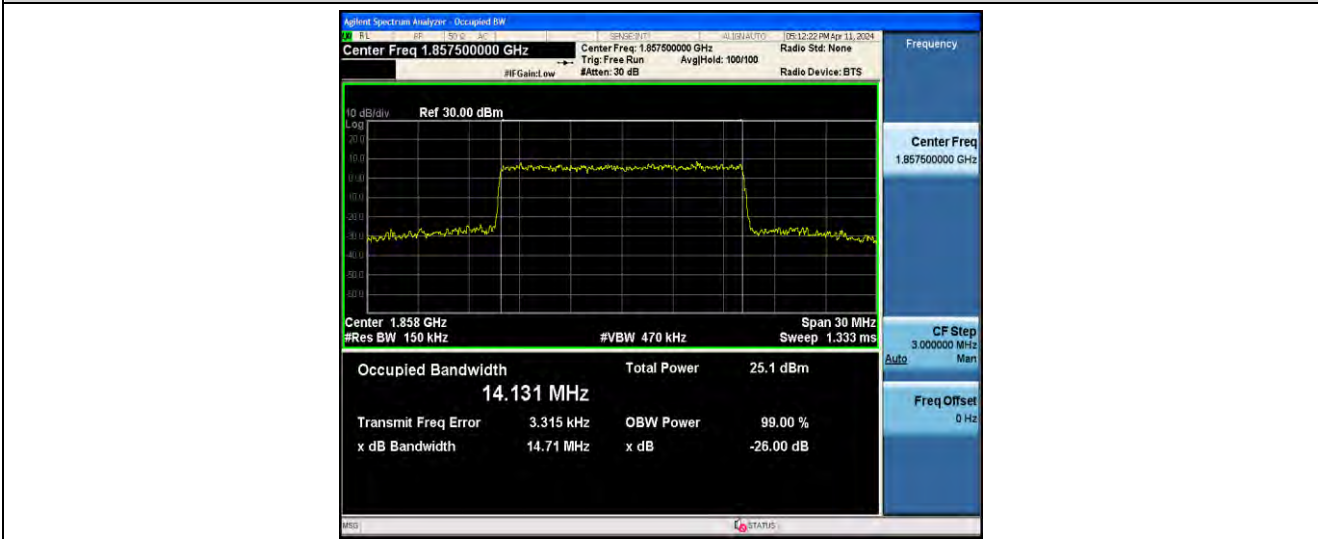


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1-N2-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-ANT0-14.152-14.78-≤15-PASS



1-N2-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-ANT0-14.131-14.71-≤15-PASS



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1-N2-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-ANT0-13.399-13.95-≤15-PASS



1-N2-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-ANT0-13.406-14.04-≤15-PASS



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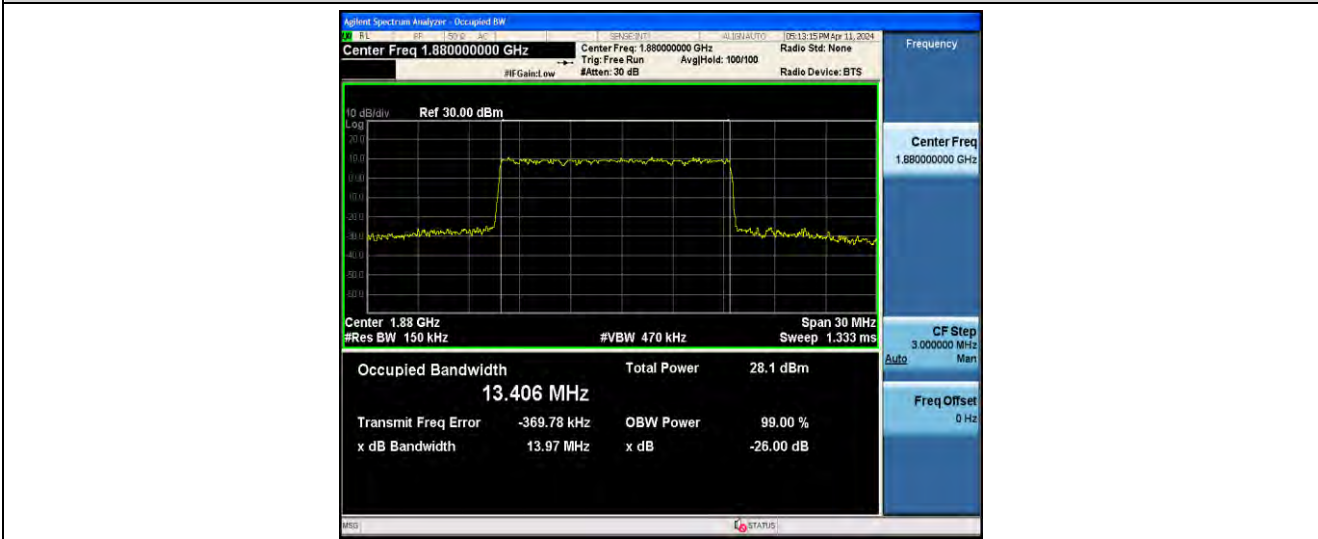


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1-N2-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-ANT0-13.397-13.98-≤15-PASS



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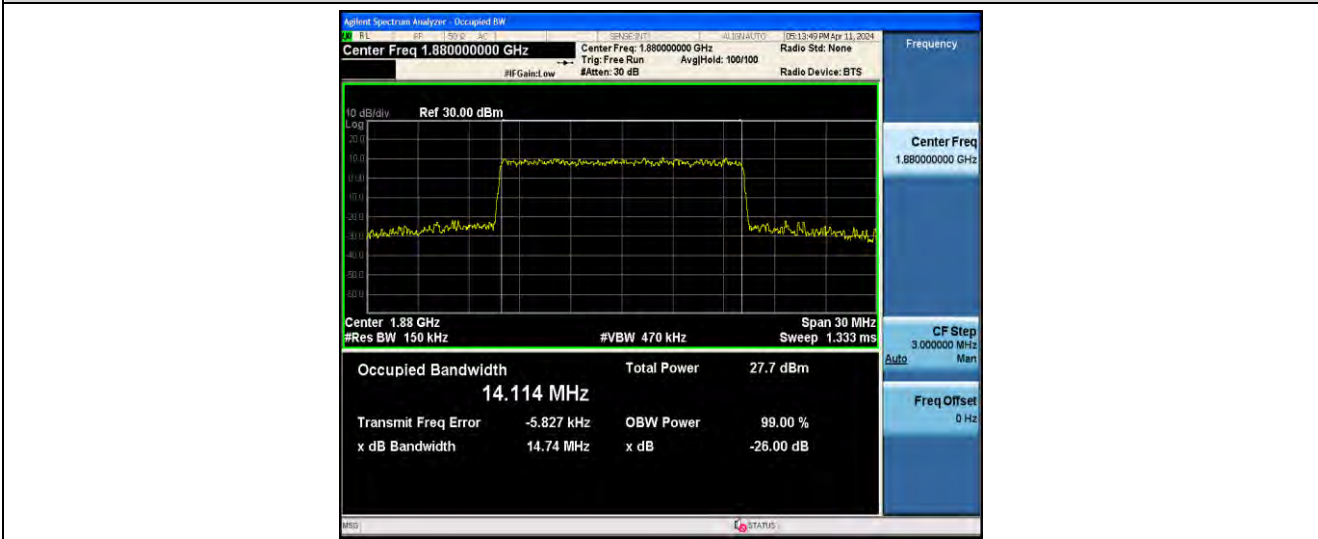


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1-N2-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-ANT0-14.074-14.70≤15-PASS



1-N2-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-ANT0-14.114-14.74≤15-PASS



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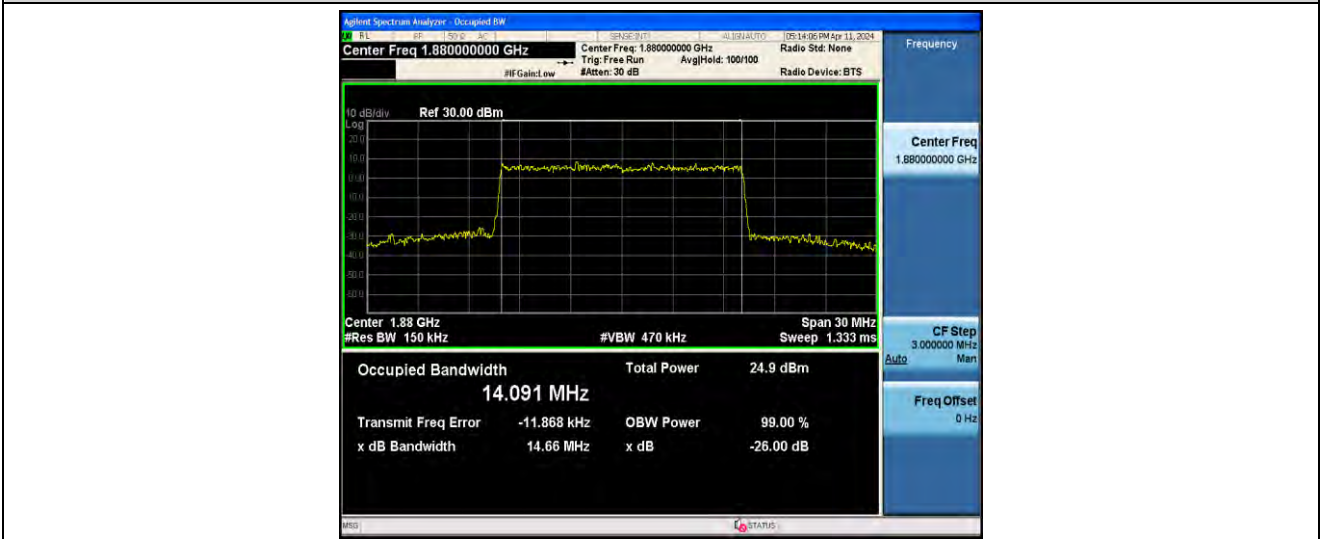


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1-N2-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-ANT0-14.108-14.78-≤15-PASS



1-N2-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-ANT0-14.091-14.66-≤15-PASS



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1-N2-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-ANT0-13.423-14.02-≤15-PASS



1-N2-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-ANT0-13.386-13.95-≤15-PASS



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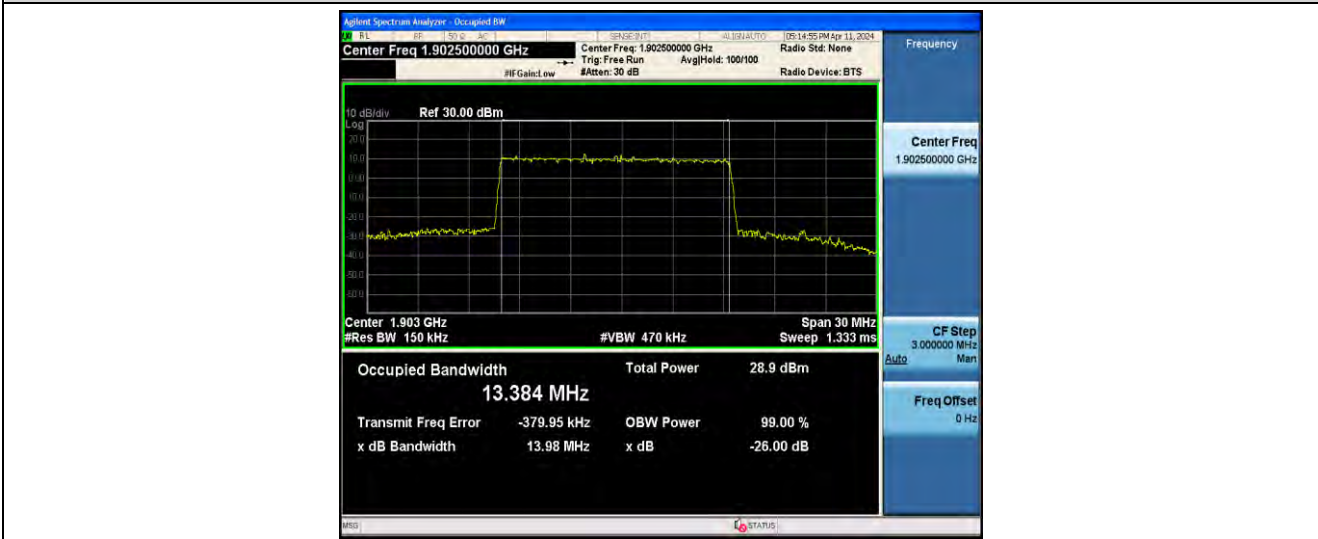


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1-N2-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-ANT0-13.417-14.07-≤15-PASS



1-N2-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-ANT0-13.384-13.98-≤15-PASS

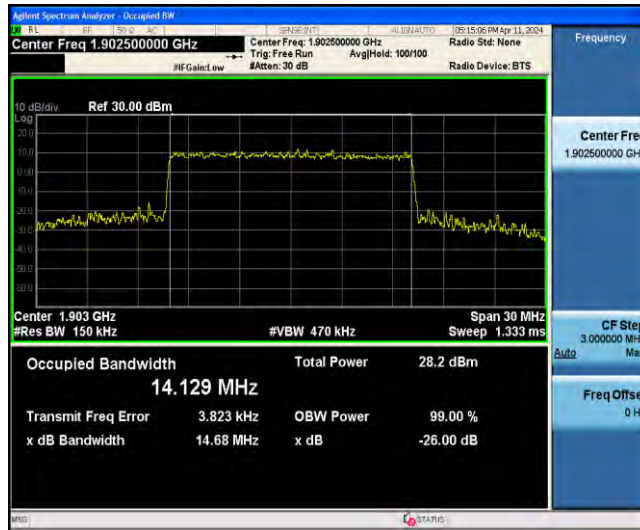


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1-N2-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-ANT0-14.129-14.68-≤15-PASS



1-N2-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-ANT0-14.082-14.71-≤15-PASS



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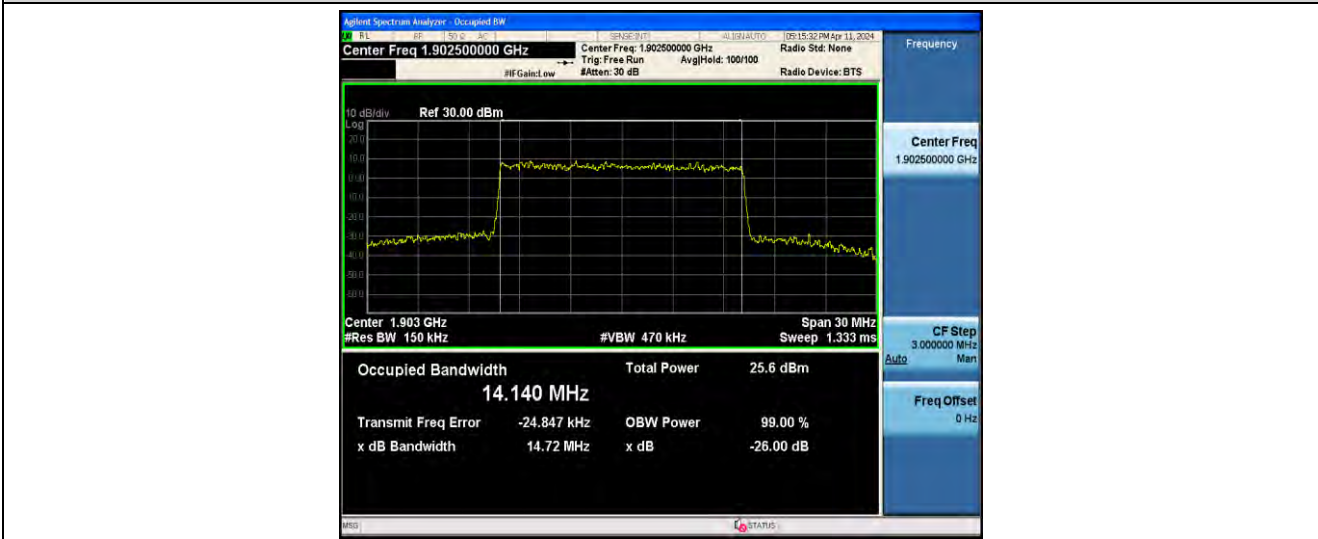


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1-N2-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-ANT0-14.103-14.77-≤15-PASS



1-N2-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-ANT0-14.140-14.72-≤15-PASS



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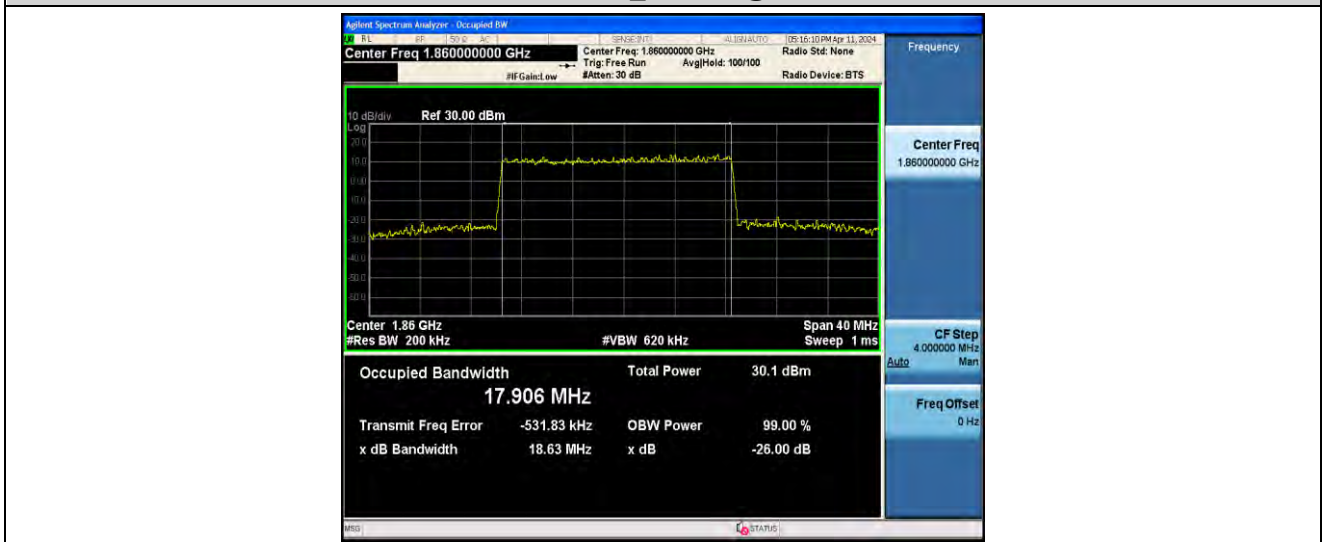


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1-N2-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-ANT0-17.946-18.66-≤20-PASS



1-N2-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-ANT0-17.906-18.63-≤20-PASS



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1-N2-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-ANT0-17.918-18.60-<=20-PASS



1-N2-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-ANT0-17.909-18.63-<=20-PASS



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1-N2-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-ANT0-18.943-19.71-<20-PASS



1-N2-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-ANT0-18.963-19.72-<20-PASS



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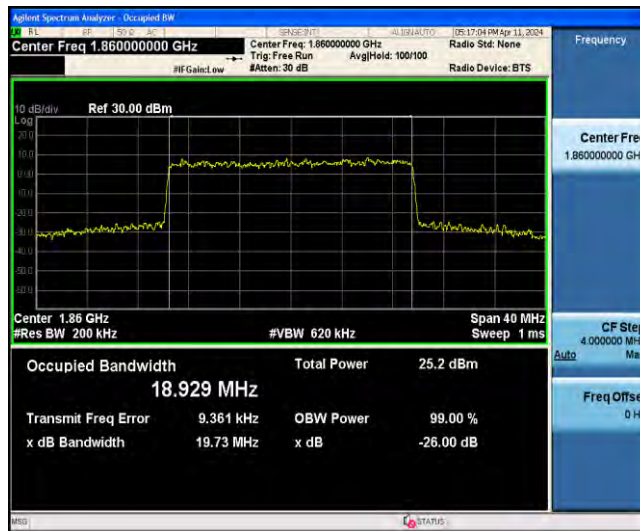


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1-N2-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-ANT0-18.950-19.64-≤20-PASS



1-N2-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-ANT0-18.929-19.73-≤20-PASS



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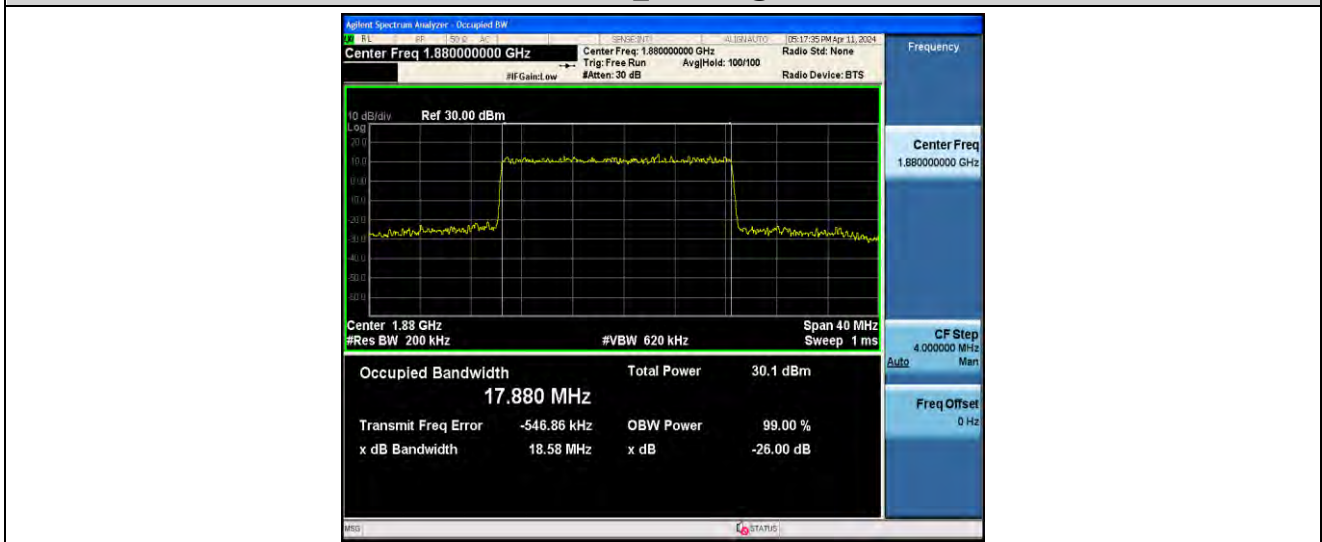


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1-N2-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-ANT0-17.887-18.60-≤20-PASS



1-N2-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-ANT0-17.880-18.58-≤20-PASS



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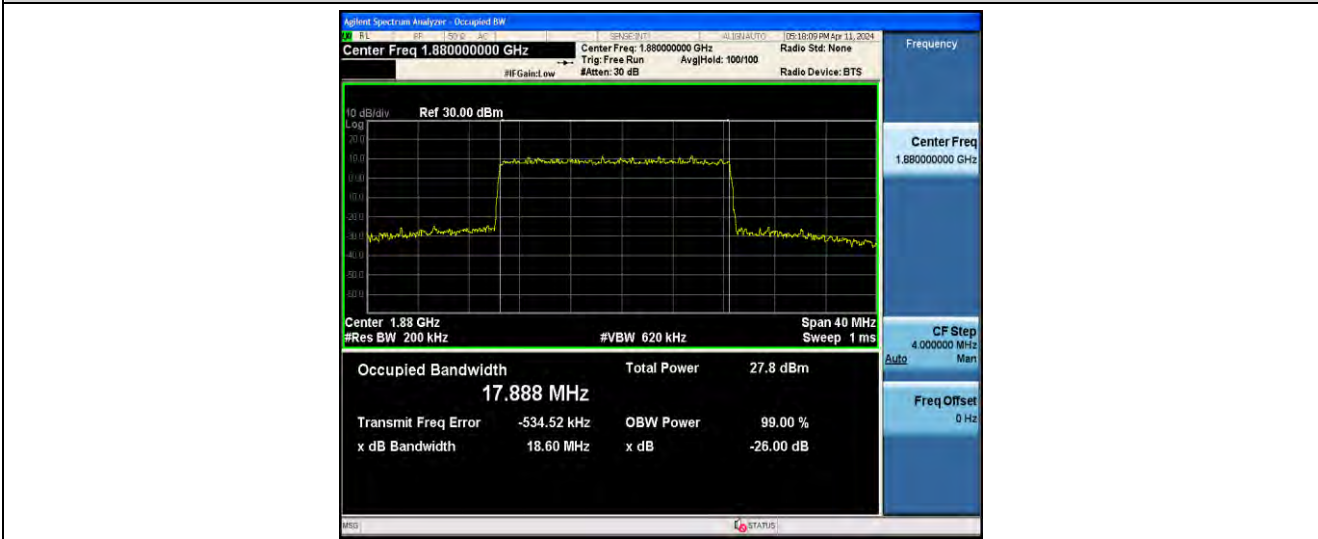


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1-N2-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-ANT0-17.903-18.58-≤20-PASS



1-N2-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-ANT0-17.888-18.60-≤20-PASS



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1-N2-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-ANT0-18.920-19.73-≤20-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-ANT0-18.909-19.71-≤20-PASS



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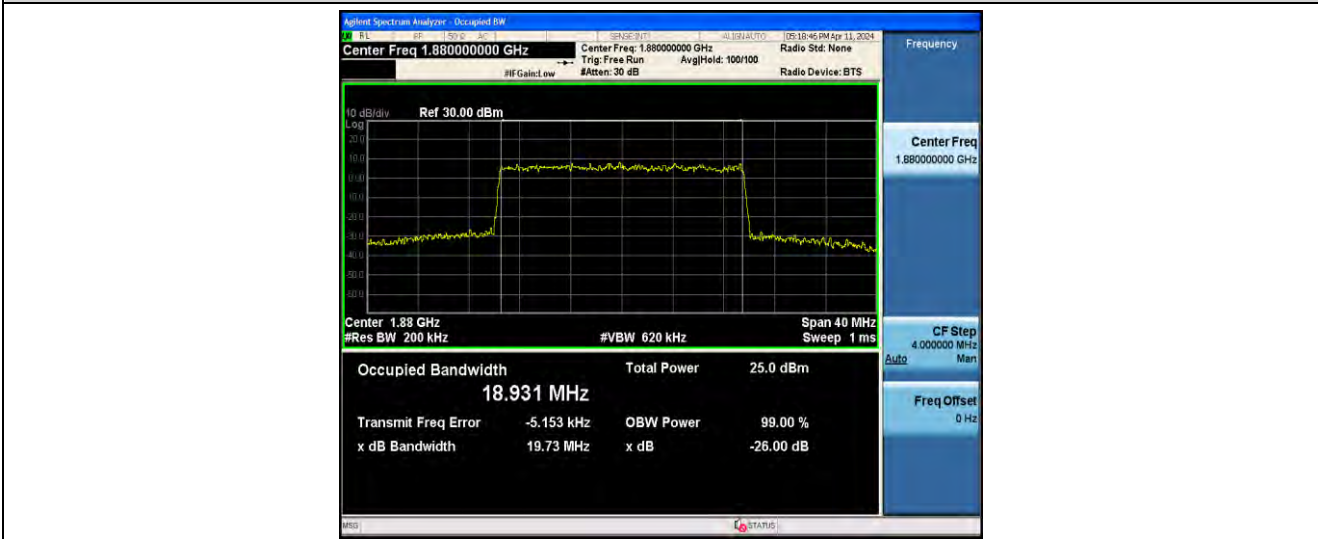


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1-N2-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-ANT0-18.919-19.75-≤20-PASS



1-N2-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-ANT0-18.931-19.73-≤20-PASS



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1-N2-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@0-ANT0-17.919-18.64-≤20-PASS



1-N2-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-ANT0-17.837-18.64-≤20-PASS



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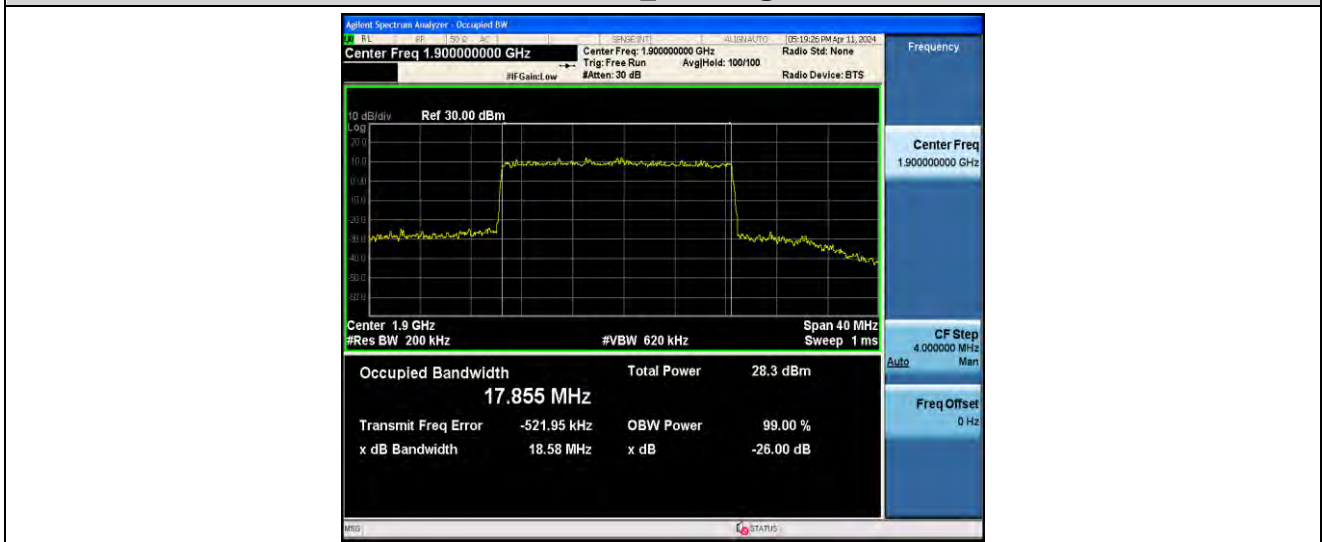


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1-N2-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-ANT0-17.882-18.60-≤20-PASS



1-N2-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-ANT0-17.855-18.58-≤20-PASS



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1-N2-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-ANT0-18.864-19.70-≤20-PASS



1-N2-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-ANT0-18.886-19.74-≤20-PASS



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1-N2-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-ANT0-18.956-19.72-≤20-PASS



1-N2-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-ANT0-18.895-19.74-≤20-PASS



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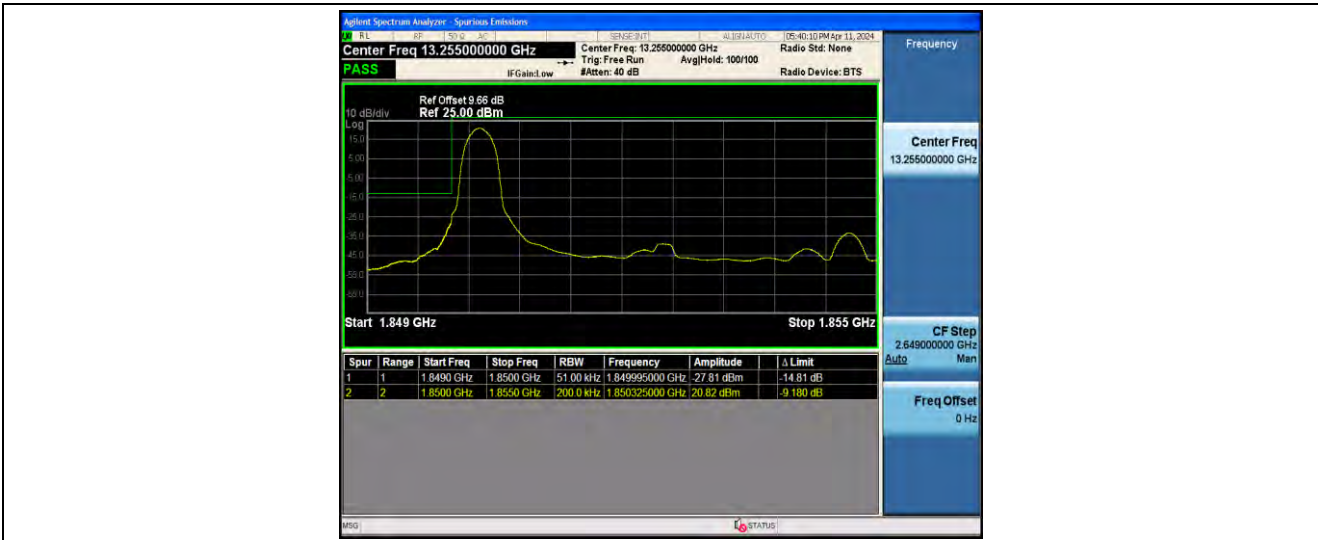


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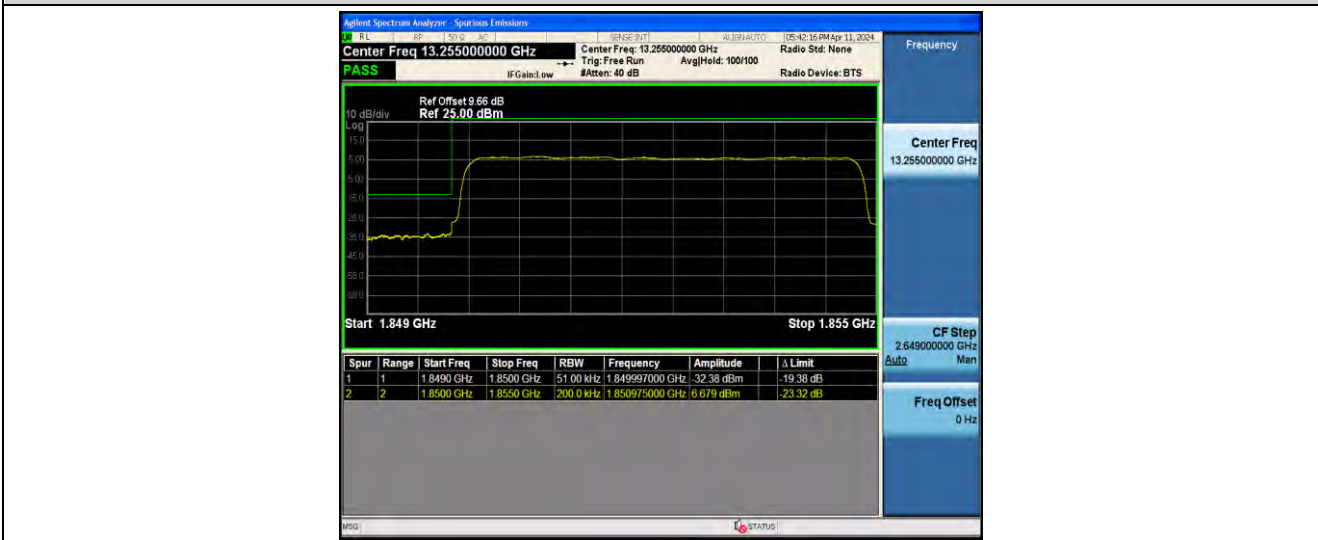
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Band Edge for SA

Test Graphs



1-N2-PC3-15-5-L-1-DFT-QPSK-Edge_1RB_Left-1@0-ANT0-1850.00-14.81--27.81-PASS



1-N2-PC3-15-5-L-3-DFT-QPSK-Outer_Full-25@0-ANT0-1850.00-19.38--32.38-PASS



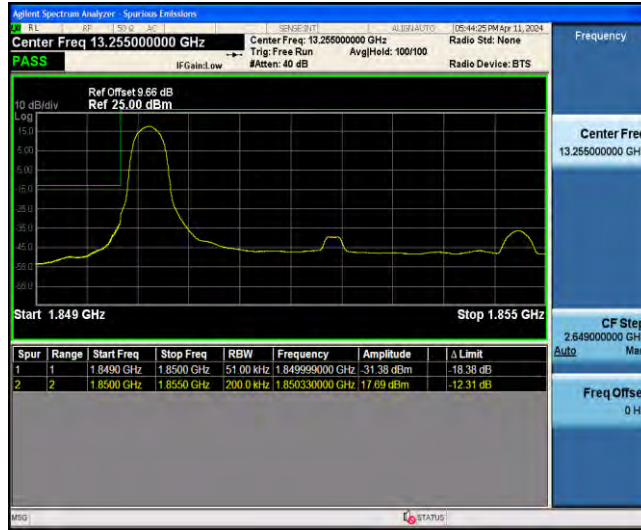
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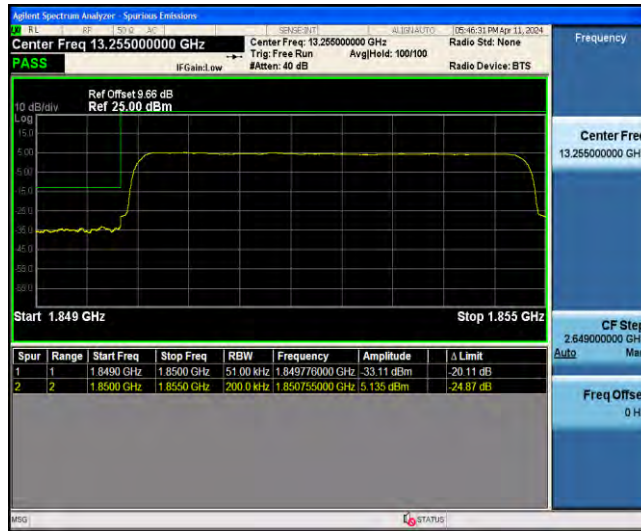


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1-N2-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-ANT0-1850.00-18.38--31.38-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-ANT0-1849.78-20.11--33.11-PASS



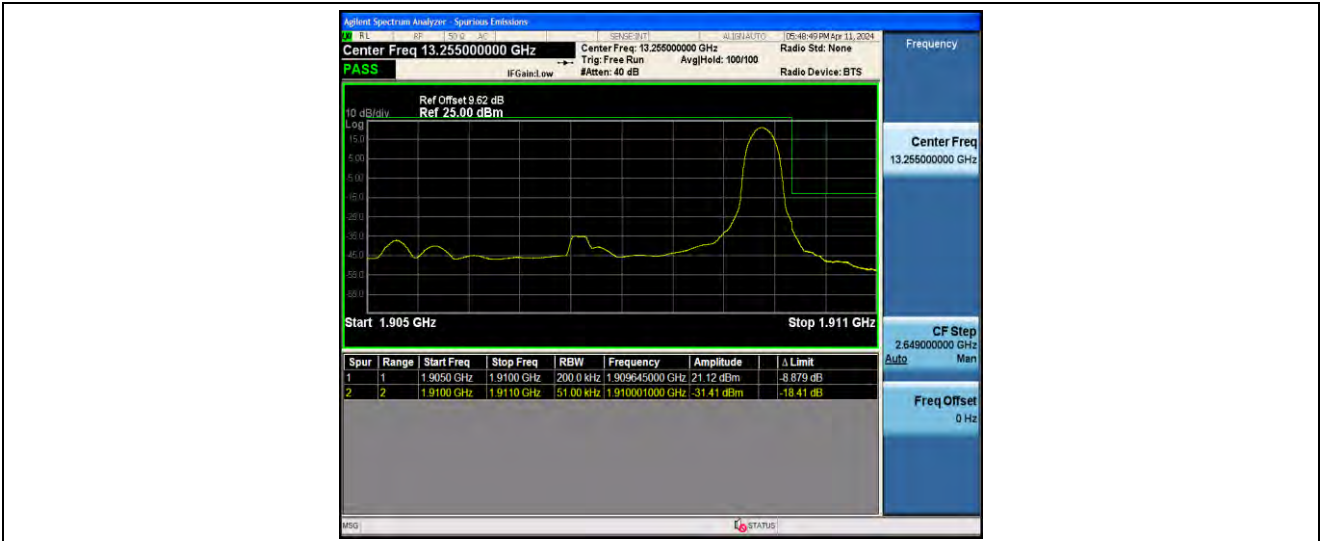
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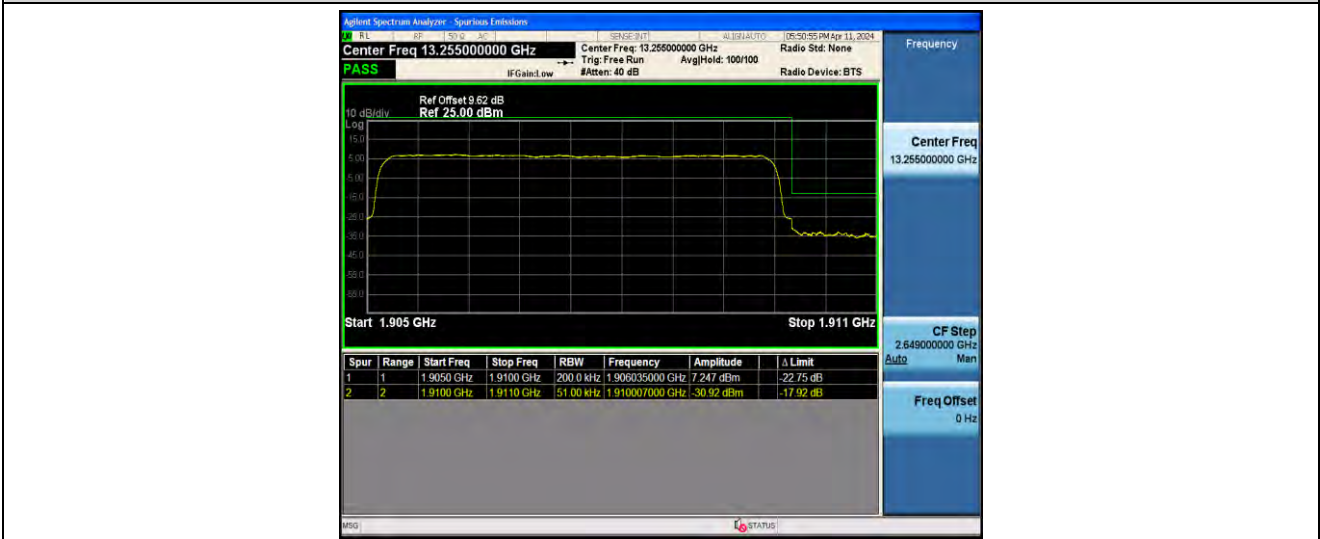


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1-N2-PC3-15-5-H-2-DFT-QPSK-Edge_1RB_Right-1@24-ANT0-1910.00-18.41--31.41-PASS



1-N2-PC3-15-5-H-3-DFT-QPSK-Outer_Full-25@0-ANT0-1910.01-17.92--30.92-PASS

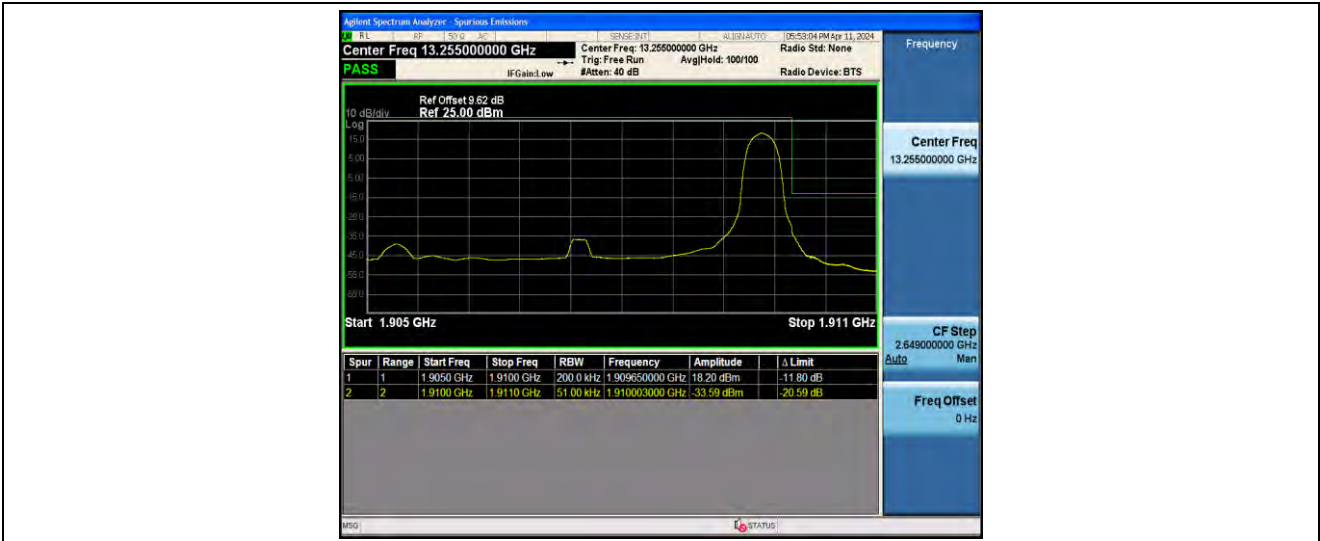


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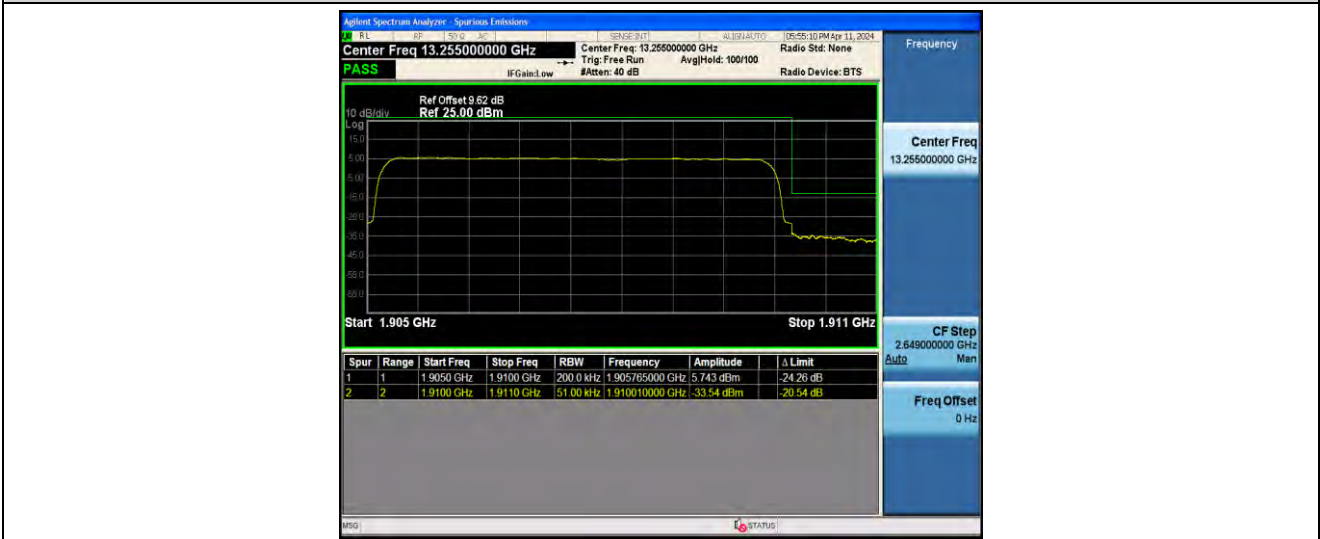
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1-N2-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-ANT0-1910.00-20.59--33.59-PASS



1-N2-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-ANT0-1910.01-20.54--33.54-PASS



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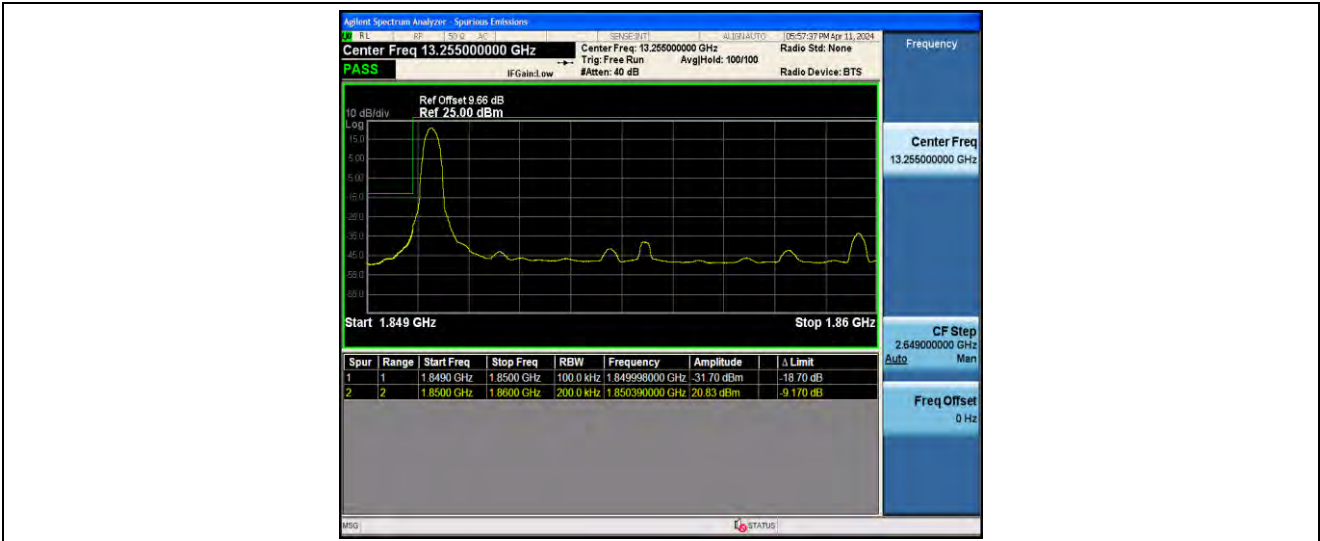
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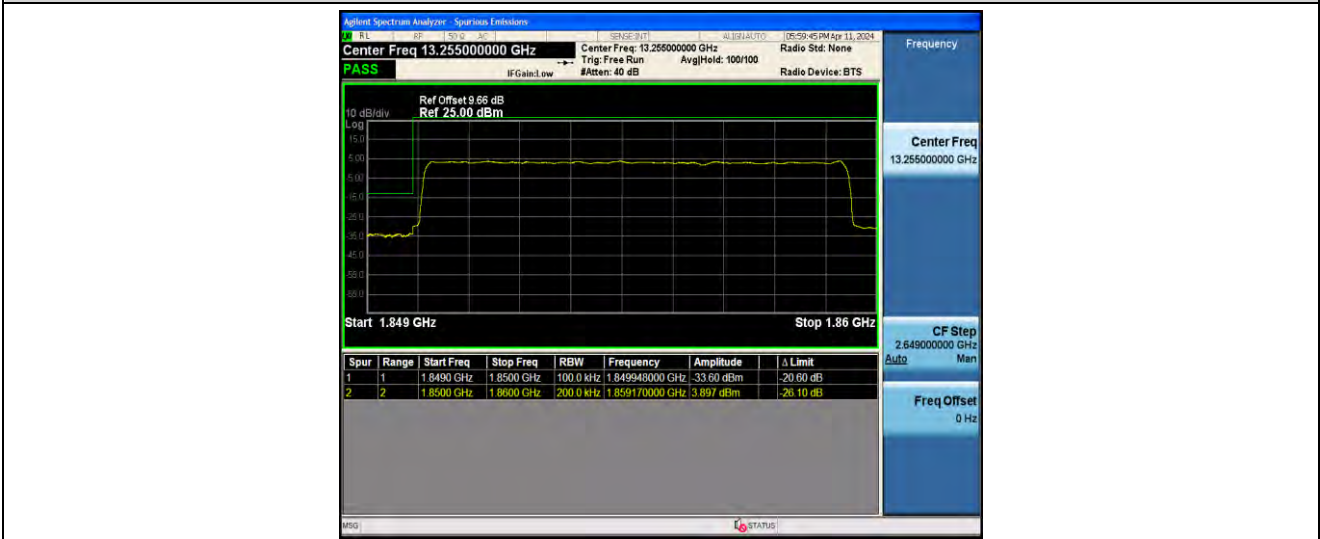


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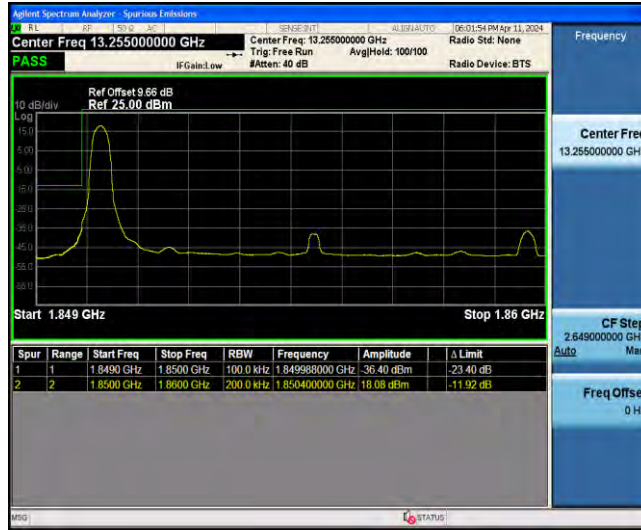
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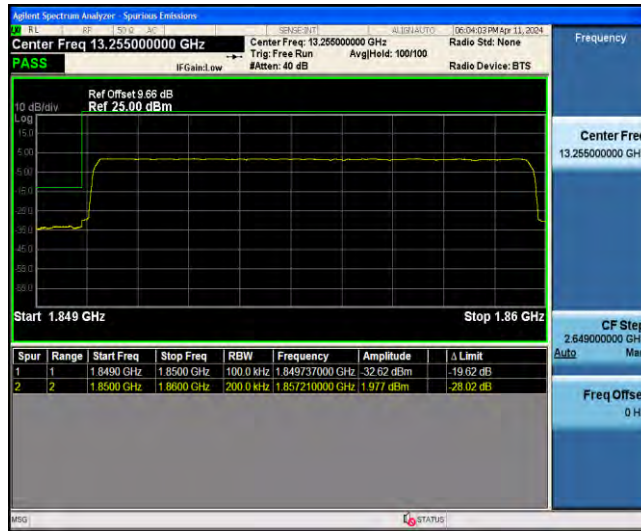
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1-N2-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-ANT0-1849.74-19.62--32.62-PASS



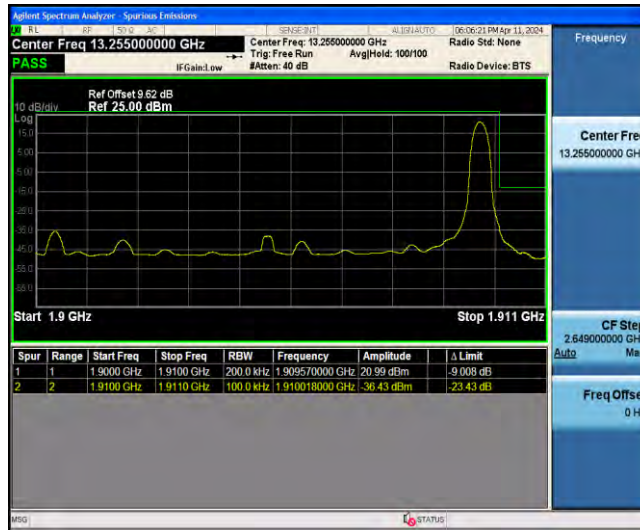
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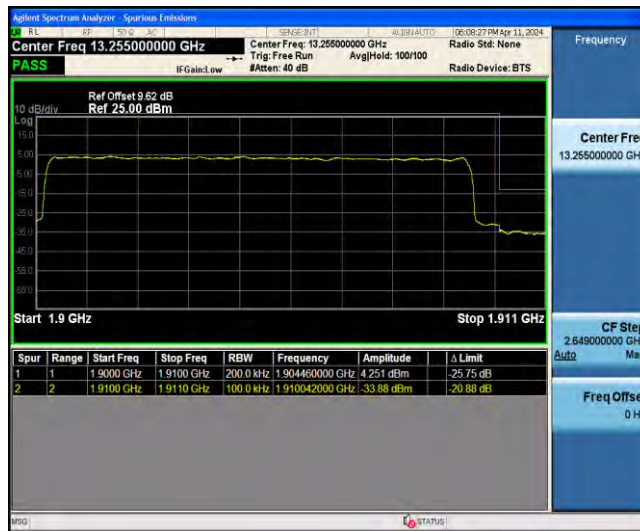


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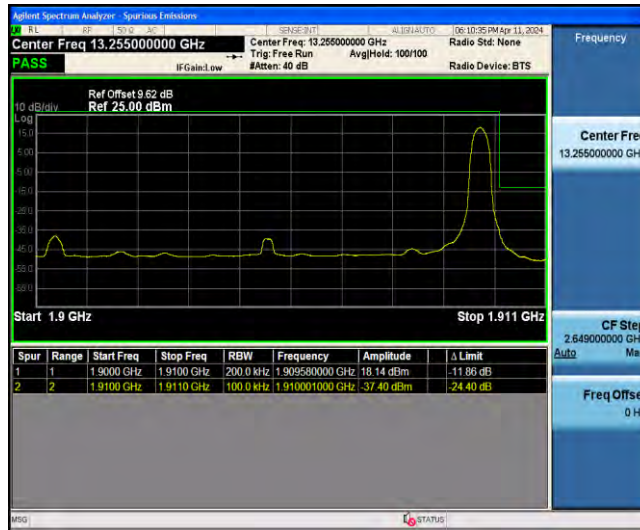
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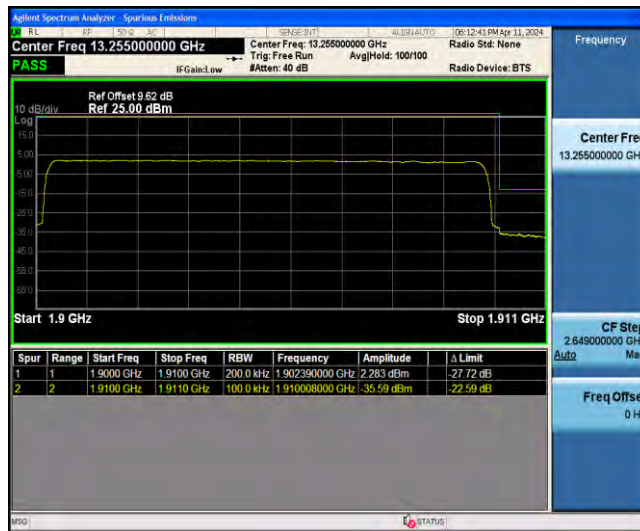


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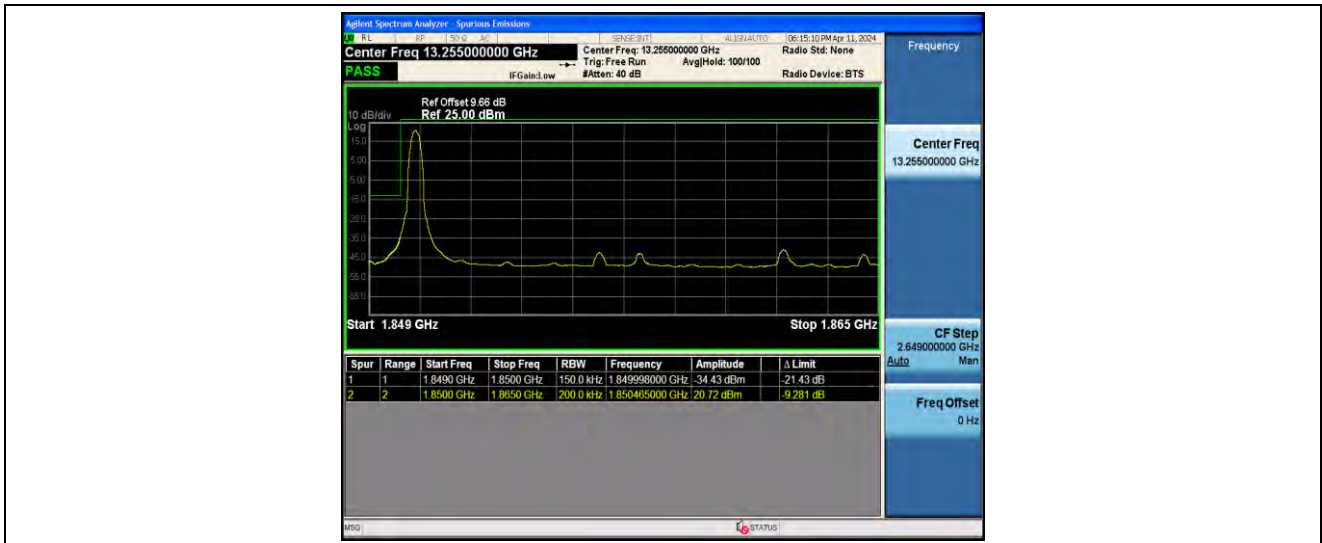
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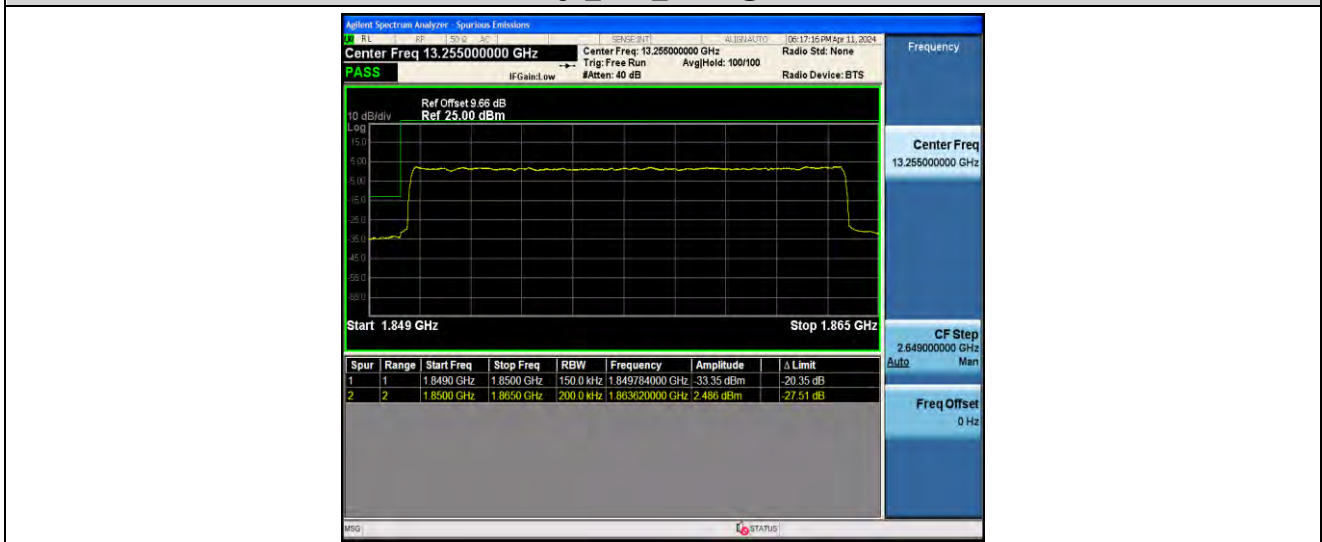


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1-N2-PC3-15-15-L-1-DFT-QPSK-Edge_1RB_Left-1@0-ANT0-1850.00-21.43--34.43-PASS



1-N2-PC3-15-15-L-3-DFT-QPSK-Outer_Full-75@0-ANT0-1849.78-20.35--33.35-PASS



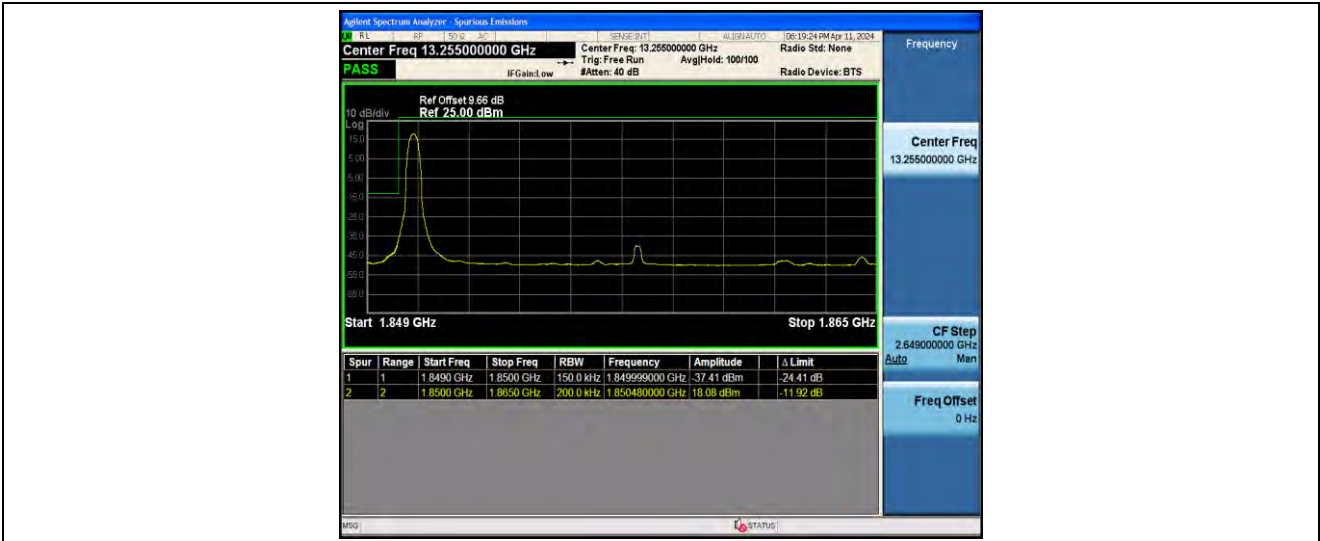
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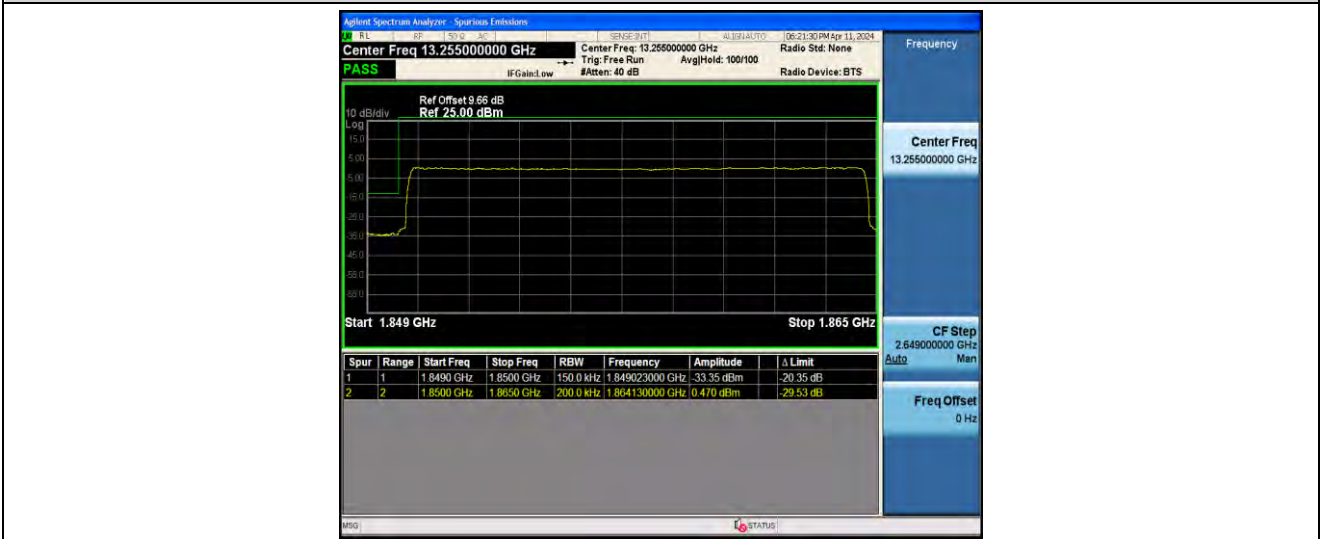
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1-N2-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-ANT0-1850.00-24.41--37.41-PASS



1-N2-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-ANT0-1849.02-20.35--33.35-PASS



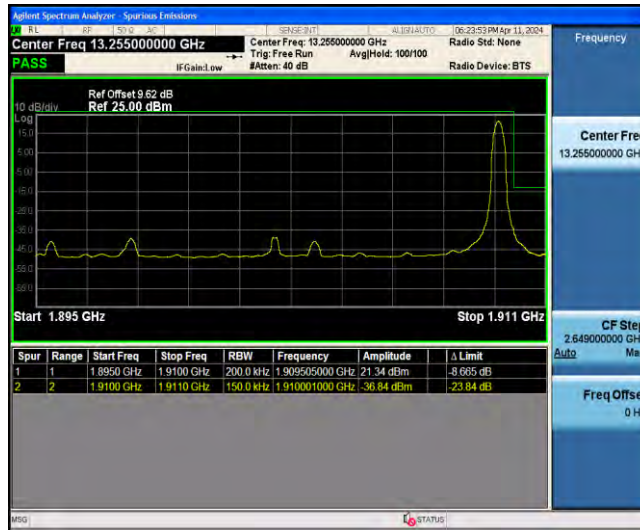
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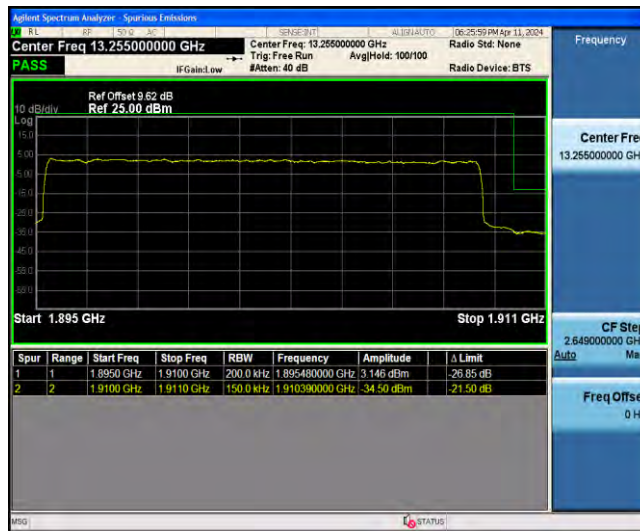
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1-N2-PC3-15-15-H-2-DFT-QPSK-Edge_1RB_Right-1@78-ANT0-1910.00-23.84--36.84-PASS



1-N2-PC3-15-15-H-3-DFT-QPSK-Outer_Full-75@0-ANT0-1910.39-21.50--34.50-PASS



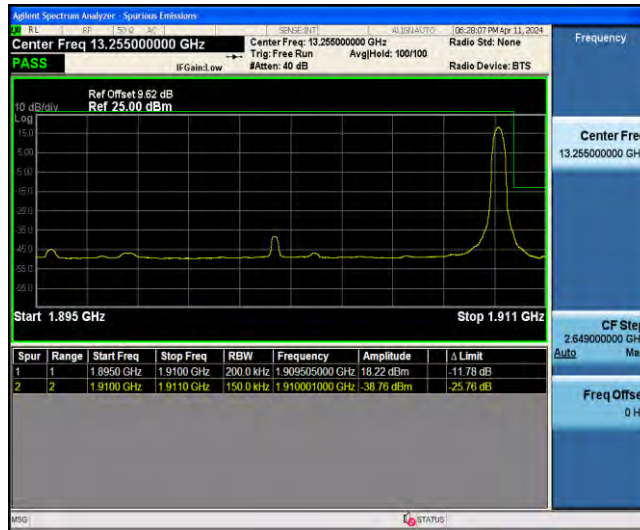
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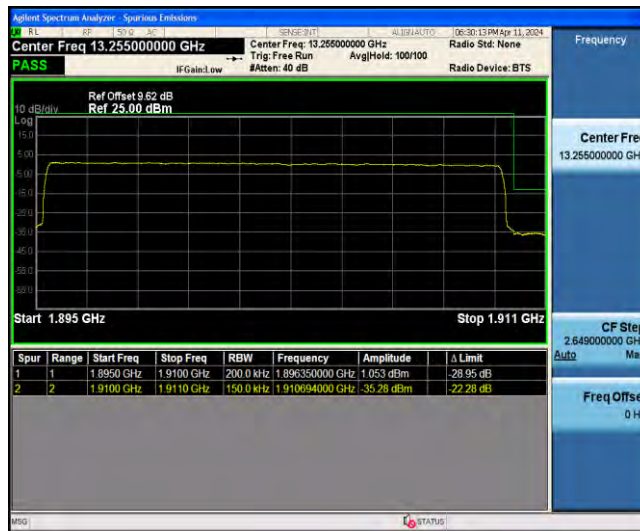


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1-N2-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-ANT0-1910.00-25.76--38.76-PASS



1-N2-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-ANT0-1910.69-22.28--35.28-PASS



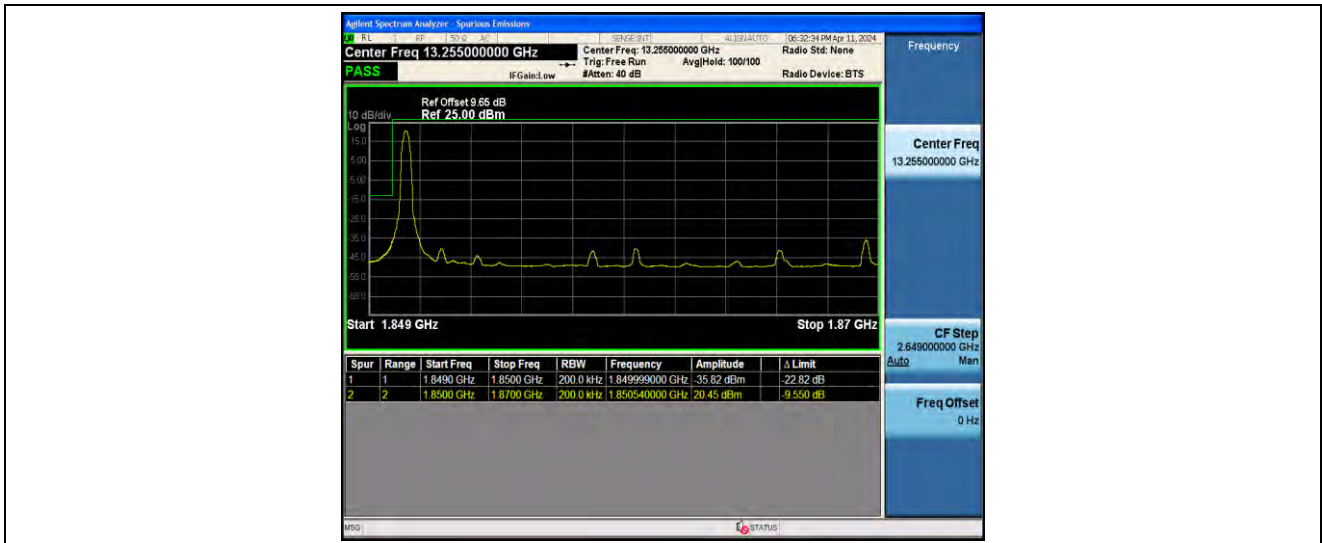
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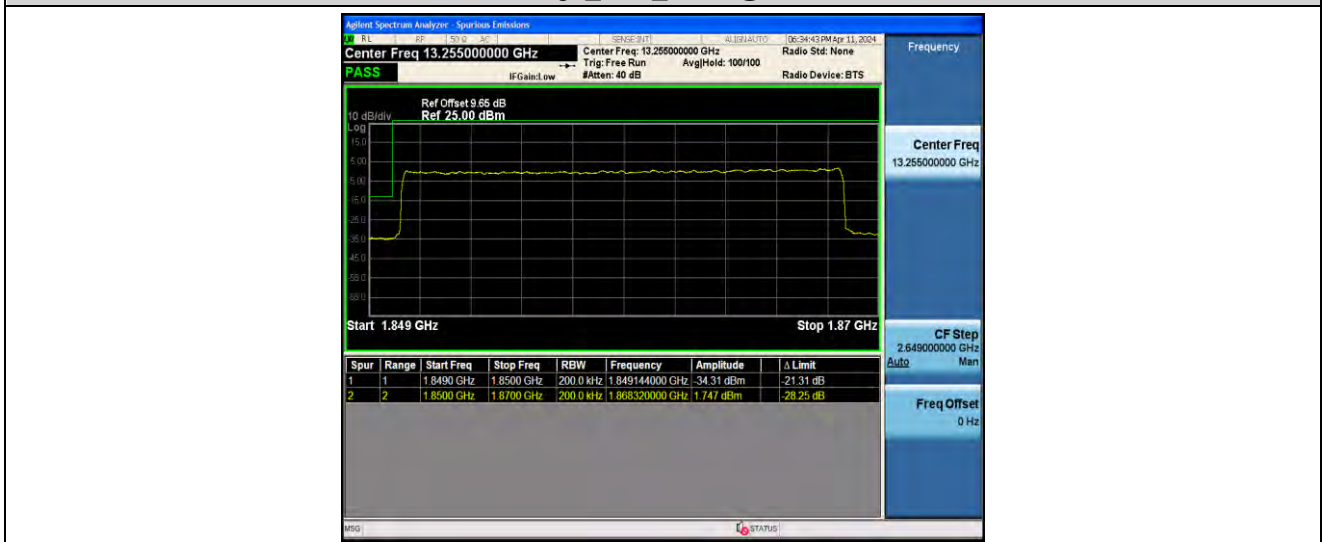


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1-N2-PC3-15-20-L-3-DFT-QPSK-Outer_Full-100@0-ANT0-1849.14-21.31--34.31-PASS



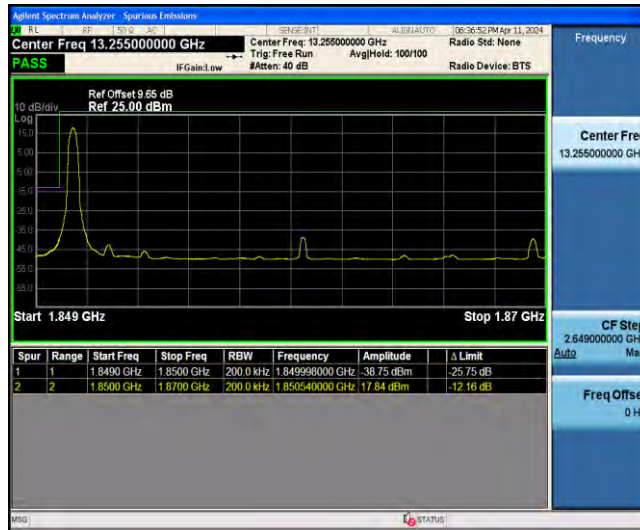
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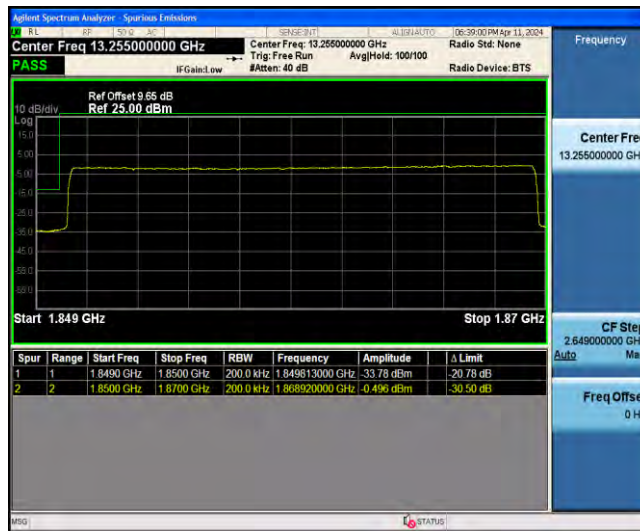
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1-N2-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-ANT0-1849.81-20.78--33.78-PASS



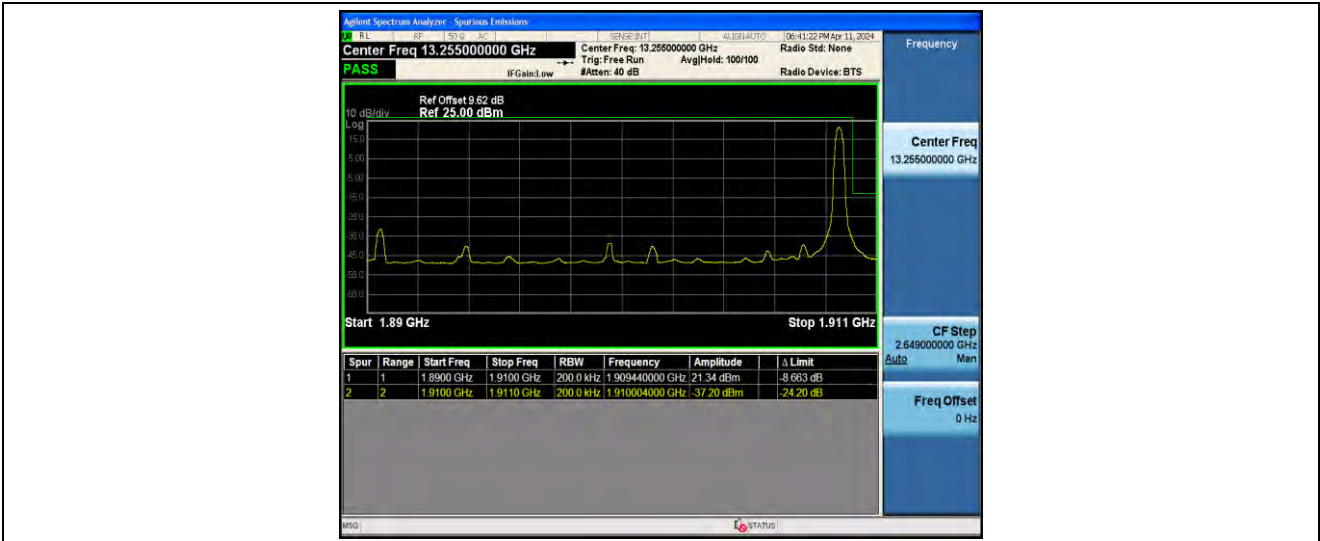
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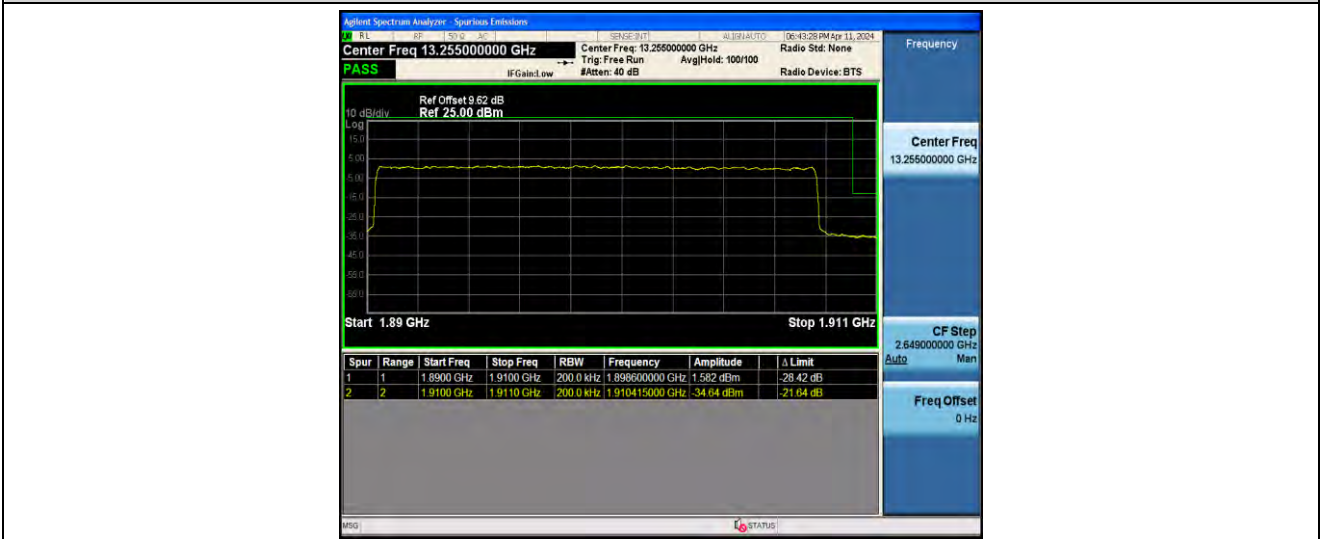


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1-N2-PC3-15-20-H-2-DFT-QPSK-Edge_1RB_Right-1@105-ANT0-1910.00-24.20--37.20-PASS



1-N2-PC3-15-20-H-3-DFT-QPSK-Outer_Full-100@0-ANT0-1910.42-21.64--34.64-PASS



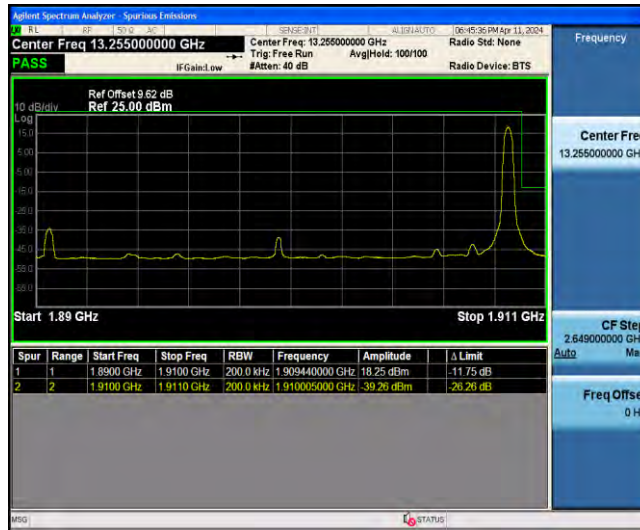
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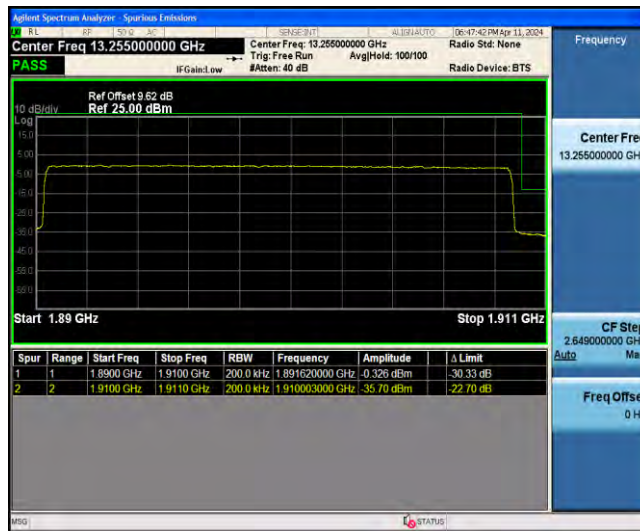


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1-N2-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-ANT0-1910.01-26.26--39.26-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-ANT0-1910.00-22.70--35.70-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-QPSK	L	0.009	0.15	1@1	-65.65	-43	PASS
N2	15	20	DFT-QPSK	L	0.15	30	1@1	-66.93	-33	PASS
N2	15	20	DFT-QPSK	L	30	1000	1@1	-54.97	-23	PASS
N2	15	20	DFT-QPSK	L	1000	3000	1@1	-36.83	-13	PASS
N2	15	20	DFT-QPSK	L	3000	12000	1@1	-46.99	-13	PASS
N2	15	20	DFT-QPSK	L	12000	20000	1@1	-44.03	-13	PASS
N2	15	20	DFT-QPSK	M	0.009	0.15	1@1	-65.03	-43	PASS
N2	15	20	DFT-QPSK	M	0.15	30	1@1	-67.23	-33	PASS
N2	15	20	DFT-QPSK	M	30	1000	1@1	-55.18	-23	PASS
N2	15	20	DFT-QPSK	M	1000	3000	1@1	-40.86	-13	PASS
N2	15	20	DFT-QPSK	M	3000	12000	1@1	-46.67	-13	PASS
N2	15	20	DFT-QPSK	M	12000	20000	1@1	-44.11	-13	PASS
N2	15	20	DFT-QPSK	H	0.009	0.15	1@1	-67.02	-43	PASS
N2	15	20	DFT-QPSK	H	0.15	30	1@1	-65.79	-33	PASS
N2	15	20	DFT-QPSK	H	30	1000	1@1	-55.04	-23	PASS
N2	15	20	DFT-QPSK	H	1000	3000	1@1	-37.43	-13	PASS
N2	15	20	DFT-QPSK	H	3000	12000	1@1	-46.79	-13	PASS
N2	15	20	DFT-QPSK	H	12000	20000	1@1	-43.98	-13	PASS



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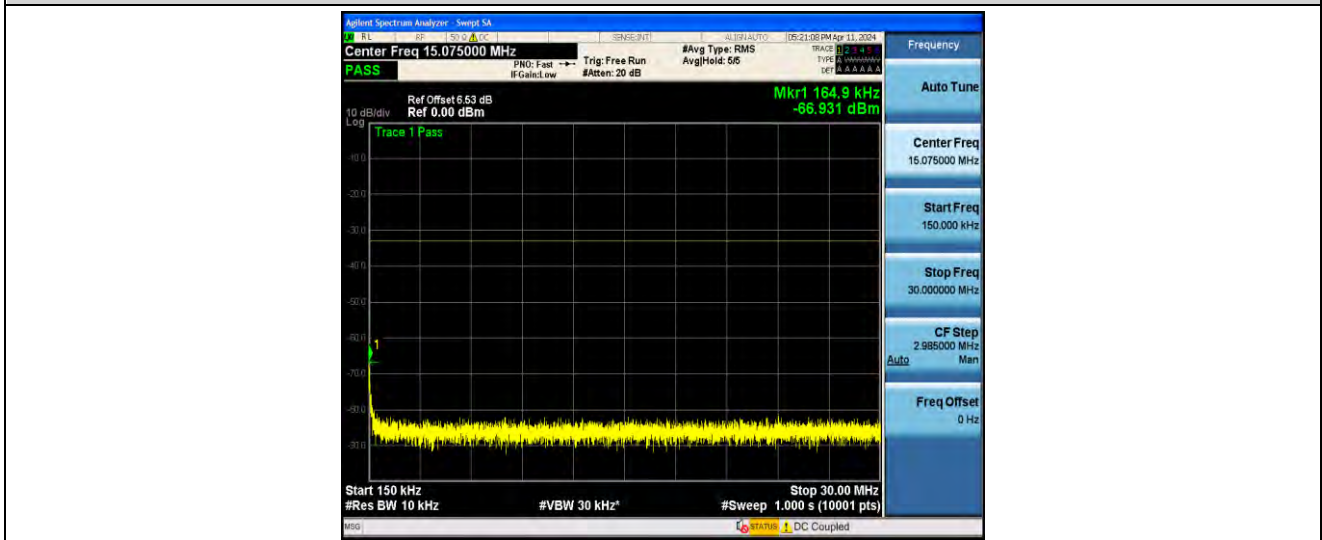
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Test Graphs



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-0.009-0.15-ANT0-0.01--65.65--43-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-0.15-30-ANT0-0.16--66.93--33-PASS



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1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-30-1000-ANT0-881.27--54.97--23-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-1000-3000-ANT0-1848.00--36.83--13-PASS



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1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-12000-20000-ANT0-18789.20--44.03--13-PA

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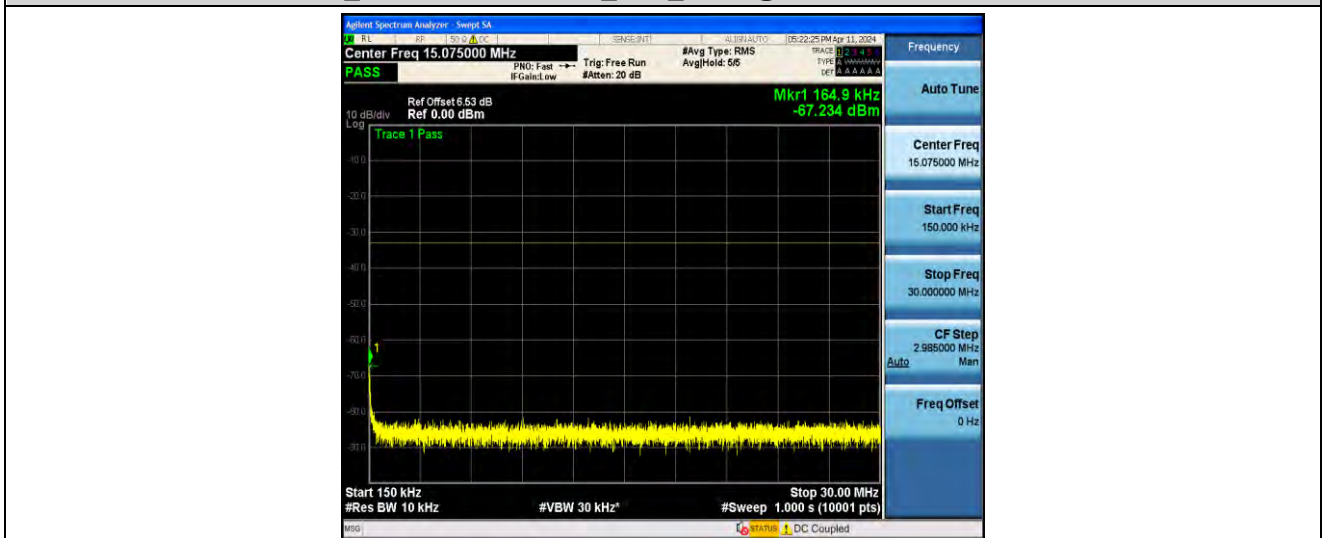


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1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-0.009-0.15-ANT0-0.01--65.03--43-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-0.15-30-ANT0-0.16--67.23--33-PASS



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1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-30-1000-ANT0-906.01--55.18--23-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-1000-3000-ANT0-2690.00--40.86--13-PASS



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1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-3000-12000-ANT0-3741.15--46.67--13-PAS
 S



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-12000-20000-ANT0-18743.20--44.11--13-PA
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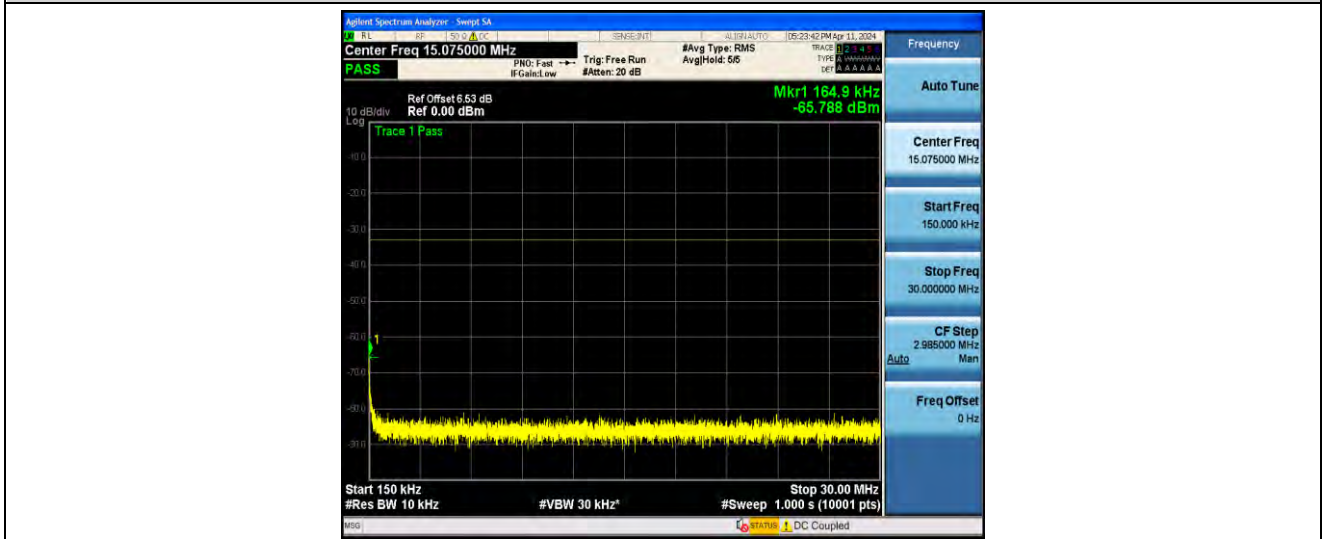


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1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-0.009-0.15-ANT0-0.01--67.02--43-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-0.15-30-ANT0-0.16--65.79--33-PASS



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1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-30-1000-ANT0-854.50--55.04--23-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-1000-3000-ANT0-1914.00--37.43--13-PASS



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1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-3000-12000-ANT0-3781.20--46.79--13-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Inner_1RB_Left-1@1-12000-20000-ANT0-18696.80--43.98--13-PA

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Field Strength of Spurious Radiation

Test Band = n2 ANT0_TM1

Test Channel = low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	45.47	29.02	-47.47	-68.24	-13.00	55.24	Horizontal
2	5553.0000	43.71	32.58	-47.04	-66.01	-13.00	53.01	Horizontal
3	7404.0000	42.77	36.29	-45.07	-61.27	-13.00	48.27	Horizontal
4	9255.0000	40.73	36.69	-42.41	-60.25	-13.00	47.25	Horizontal
5	11106.0000	37.13	39.62	-39.37	-57.88	-13.00	44.88	Horizontal
6	12957.0000	36.37	39.70	-38.62	-57.81	-13.00	44.81	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	45.23	29.02	-47.47	-68.48	-13.00	55.48	Vertical
2	5553.0000	43.93	32.58	-47.04	-65.79	-13.00	52.79	Vertical
3	7404.0000	42.81	36.29	-45.07	-61.23	-13.00	48.23	Vertical
4	9255.0000	40.34	36.69	-42.41	-60.64	-13.00	47.64	Vertical
5	11106.0000	37.35	39.62	-39.37	-57.66	-13.00	44.66	Vertical
6	12957.0000	36.44	39.70	-38.62	-57.74	-13.00	44.74	Vertical



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Test Band = n2 ANT0_TM1
Test Channel = mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	43.95	29.09	-47.37	-69.59	-13.00	56.59	Horizontal
2	5613.0000	44.42	32.55	-46.93	-65.22	-13.00	52.22	Horizontal
3	7484.0000	42.31	36.38	-45.09	-61.66	-13.00	48.66	Horizontal
4	9355.0000	39.79	36.92	-41.98	-60.53	-13.00	47.53	Horizontal
5	11226.0000	37.55	39.65	-39.00	-57.06	-13.00	44.06	Horizontal
6	13097.0000	36.58	39.87	-38.84	-57.65	-13.00	44.65	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	44.13	29.09	-47.37	-69.41	-13.00	56.41	Vertical
2	5613.0000	43.98	32.55	-46.93	-65.66	-13.00	52.66	Vertical
3	7484.0000	42.76	36.38	-45.09	-61.21	-13.00	48.21	Vertical
4	9355.0000	39.50	36.92	-41.98	-60.82	-13.00	47.82	Vertical
5	11226.0000	37.34	39.65	-39.00	-57.27	-13.00	44.27	Vertical
6	13097.0000	35.98	39.87	-38.84	-58.25	-13.00	45.25	Vertical



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Test Band = n2 ANT0_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	3782.0000	44.17	29.15	-47.26	-69.20	-13.00	56.20	Horizontal
2	5673.0000	43.58	32.53	-46.79	-65.94	-13.00	52.94	Horizontal
3	7564.0000	42.93	36.37	-44.79	-60.75	-13.00	47.75	Horizontal
4	9455.0000	39.24	37.15	-41.78	-60.65	-13.00	47.65	Horizontal
5	11346.0000	36.98	39.67	-39.06	-57.67	-13.00	44.67	Horizontal
6	13237.0000	36.65	40.13	-38.33	-56.81	-13.00	43.81	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.0000	43.51	29.15	-47.26	-69.86	-13.00	56.86	Vertical
2	5673.0000	43.64	32.53	-46.79	-65.88	-13.00	52.88	Vertical
3	7564.0000	42.23	36.37	-44.79	-61.45	-13.00	48.45	Vertical
4	9455.0000	39.43	37.15	-41.78	-60.46	-13.00	47.46	Vertical
5	11346.0000	36.76	39.67	-39.06	-57.89	-13.00	44.89	Vertical
6	13237.0000	36.28	40.13	-38.33	-57.18	-13.00	44.18	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) - Pre-amplifier (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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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-QPSK	M	100@0	VH	NT	-5.20	0.00	PASS
N2	15	20	DFT-QPSK	M	100@0	VN	NT	-5.20	0.00	PASS
N2	15	20	DFT-QPSK	M	100@0	VL	NT	-7.40	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VH	NT	-8.40	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VN	NT	-7.80	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VL	NT	-5.60	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-QPSK	M	100@0	NV	50	-2.100000	-0.001117	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	-20	-8.100000	-0.004309	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	-10	-7.400000	-0.003936	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	0	-6.900000	-0.003670	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	10	-6.500000	-0.003457	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	20	-5.700000	-0.003032	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	30	-6.000000	-0.003191	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	-30	-3.500000	-0.001862	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	40	-5.100000	-0.002713	PASS
N2	15	20	CP-QPSK	M	106@0	NV	50	-5.900000	-0.003138	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-20	-8.200000	-0.004362	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-10	-7.000000	-0.003723	PASS
N2	15	20	CP-QPSK	M	106@0	NV	0	-6.800000	-0.003617	PASS
N2	15	20	CP-QPSK	M	106@0	NV	10	-7.800000	-0.004149	PASS
N2	15	20	CP-QPSK	M	106@0	NV	20	-6.500000	-0.003457	PASS
N2	15	20	CP-QPSK	M	106@0	NV	30	-3.500000	-0.001862	PASS
N2	15	20	CP-QPSK	M	106@0	NV	40	-6.000000	-0.003191	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-30	-6.800000	-0.003617	PASS

---End of Attachment---



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