

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N2	15	5	DFT-QPSK	L	1@1	23.5	20.5	33	PASS
N2	15	5	DFT-QPSK	L	1@23	23.33	20.33	33	PASS
N2	15	5	DFT-QPSK	L	25@0	22.39	19.39	33	PASS
N2	15	5	DFT-16QAM	L	1@1	22.54	19.54	33	PASS
N2	15	5	DFT-16QAM	L	1@23	22.43	19.43	33	PASS
N2	15	5	DFT-16QAM	L	25@0	21.4	18.4	33	PASS
N2	15	5	DFT-64QAM	L	1@1	20.72	17.72	33	PASS
N2	15	5	DFT-64QAM	L	1@23	20.52	17.52	33	PASS
N2	15	5	DFT-64QAM	L	25@0	20.91	17.91	33	PASS
N2	15	5	DFT-256QAM	L	1@1	20.73	17.73	33	PASS
N2	15	5	DFT-256QAM	L	1@23	20.48	17.48	33	PASS
N2	15	5	DFT-256QAM	L	25@0	20.91	17.91	33	PASS
N2	15	5	DFT-QPSK	M	1@1	23.75	20.75	33	PASS
N2	15	5	DFT-QPSK	M	1@23	23.6	20.6	33	PASS
N2	15	5	DFT-QPSK	M	25@0	22.72	19.72	33	PASS
N2	15	5	DFT-16QAM	M	1@1	22.81	19.81	33	PASS
N2	15	5	DFT-16QAM	M	1@23	22.71	19.71	33	PASS
N2	15	5	DFT-16QAM	M	25@0	21.73	18.73	33	PASS
N2	15	5	DFT-64QAM	M	1@1	20.94	17.94	33	PASS
N2	15	5	DFT-64QAM	M	1@23	20.83	17.83	33	PASS
N2	15	5	DFT-64QAM	M	25@0	21.27	18.27	33	PASS
N2	15	5	DFT-256QAM	M	1@1	20.89	17.89	33	PASS
N2	15	5	DFT-256QAM	M	1@23	20.97	17.97	33	PASS
N2	15	5	DFT-256QAM	M	25@0	21.25	18.25	33	PASS
N2	15	5	DFT-QPSK	H	1@1	23.5	20.5	33	PASS
N2	15	5	DFT-QPSK	H	1@23	23.53	20.53	33	PASS
N2	15	5	DFT-QPSK	H	25@0	22.53	19.53	33	PASS
N2	15	5	DFT-16QAM	H	1@1	22.68	19.68	33	PASS
N2	15	5	DFT-16QAM	H	1@23	22.58	19.58	33	PASS
N2	15	5	DFT-16QAM	H	25@0	21.5	18.5	33	PASS
N2	15	5	DFT-64QAM	H	1@1	21.14	18.14	33	PASS
N2	15	5	DFT-64QAM	H	1@23	21.04	18.04	33	PASS
N2	15	5	DFT-64QAM	H	25@0	21.09	18.09	33	PASS
N2	15	5	DFT-256QAM	H	1@1	20.93	17.93	33	PASS
N2	15	5	DFT-256QAM	H	1@23	20.82	17.82	33	PASS
N2	15	5	DFT-256QAM	H	25@0	21.12	18.12	33	PASS
N2	15	10	DFT-QPSK	L	1@1	23.63	20.63	33	PASS

N2	15	10	DFT-QPSK	L	1@50	23.39	20.39	33	PASS
N2	15	10	DFT-QPSK	L	50@0	22.55	19.55	33	PASS
N2	15	10	DFT-16QAM	L	1@1	22.74	19.74	33	PASS
N2	15	10	DFT-16QAM	L	1@50	22.63	19.63	33	PASS
N2	15	10	DFT-16QAM	L	50@0	21.58	18.58	33	PASS
N2	15	10	DFT-64QAM	L	1@1	21.08	18.08	33	PASS
N2	15	10	DFT-64QAM	L	1@50	21.08	18.08	33	PASS
N2	15	10	DFT-64QAM	L	50@0	21.07	18.07	33	PASS
N2	15	10	DFT-256QAM	L	1@1	20.97	17.97	33	PASS
N2	15	10	DFT-256QAM	L	1@50	20.87	17.87	33	PASS
N2	15	10	DFT-256QAM	L	50@0	21.1	18.1	33	PASS
N2	15	10	DFT-QPSK	M	1@1	23.66	20.66	33	PASS
N2	15	10	DFT-QPSK	M	1@50	23.69	20.69	33	PASS
N2	15	10	DFT-QPSK	M	50@0	22.77	19.77	33	PASS
N2	15	10	DFT-16QAM	M	1@1	22.85	19.85	33	PASS
N2	15	10	DFT-16QAM	M	1@50	22.91	19.91	33	PASS
N2	15	10	DFT-16QAM	M	50@0	21.74	18.74	33	PASS
N2	15	10	DFT-64QAM	M	1@1	21.33	18.33	33	PASS
N2	15	10	DFT-64QAM	M	1@50	21.25	18.25	33	PASS
N2	15	10	DFT-64QAM	M	50@0	21.21	18.21	33	PASS
N2	15	10	DFT-256QAM	M	1@1	21.11	18.11	33	PASS
N2	15	10	DFT-256QAM	M	1@50	21.04	18.04	33	PASS
N2	15	10	DFT-256QAM	M	50@0	21.26	18.26	33	PASS
N2	15	10	DFT-QPSK	H	1@1	23.6	20.6	33	PASS
N2	15	10	DFT-QPSK	H	1@50	23.53	20.53	33	PASS
N2	15	10	DFT-QPSK	H	50@0	22.57	19.57	33	PASS
N2	15	10	DFT-16QAM	H	1@1	22.72	19.72	33	PASS
N2	15	10	DFT-16QAM	H	1@50	22.66	19.66	33	PASS
N2	15	10	DFT-16QAM	H	50@0	21.54	18.54	33	PASS
N2	15	10	DFT-64QAM	H	1@1	21.24	18.24	33	PASS
N2	15	10	DFT-64QAM	H	1@50	21.17	18.17	33	PASS
N2	15	10	DFT-64QAM	H	50@0	21.09	18.09	33	PASS
N2	15	10	DFT-256QAM	H	1@1	20.93	17.93	33	PASS
N2	15	10	DFT-256QAM	H	1@50	20.97	17.97	33	PASS
N2	15	10	DFT-256QAM	H	50@0	21.15	18.15	33	PASS
N2	15	15	DFT-QPSK	L	1@1	23.54	20.54	33	PASS
N2	15	15	DFT-QPSK	L	1@77	23.55	20.55	33	PASS
N2	15	15	DFT-QPSK	L	75@0	22.73	19.73	33	PASS
N2	15	15	DFT-16QAM	L	1@1	22.69	19.69	33	PASS
N2	15	15	DFT-16QAM	L	1@77	22.7	19.7	33	PASS
N2	15	15	DFT-16QAM	L	75@0	21.66	18.66	33	PASS
N2	15	15	DFT-64QAM	L	1@1	21.13	18.13	33	PASS
N2	15	15	DFT-64QAM	L	1@77	21.15	18.15	33	PASS
N2	15	15	DFT-64QAM	L	75@0	21.16	18.16	33	PASS

N2	15	15	DFT-256QAM	L	1@1	21.05	18.05	33	PASS
N2	15	15	DFT-256QAM	L	1@77	21.06	18.06	33	PASS
N2	15	15	DFT-256QAM	L	75@0	21.18	18.18	33	PASS
N2	15	15	DFT-QPSK	M	1@1	23.71	20.71	33	PASS
N2	15	15	DFT-QPSK	M	1@77	23.82	20.82	33	PASS
N2	15	15	DFT-QPSK	M	75@0	22.88	19.88	33	PASS
N2	15	15	DFT-16QAM	M	1@1	22.86	19.86	33	PASS
N2	15	15	DFT-16QAM	M	1@77	22.86	19.86	33	PASS
N2	15	15	DFT-16QAM	M	75@0	21.87	18.87	33	PASS
N2	15	15	DFT-64QAM	M	1@1	21.36	18.36	33	PASS
N2	15	15	DFT-64QAM	M	1@77	21.42	18.42	33	PASS
N2	15	15	DFT-64QAM	M	75@0	21.29	18.29	33	PASS
N2	15	15	DFT-256QAM	M	1@1	21.24	18.24	33	PASS
N2	15	15	DFT-256QAM	M	1@77	21.27	18.27	33	PASS
N2	15	15	DFT-256QAM	M	75@0	21.35	18.35	33	PASS
N2	15	15	DFT-QPSK	H	1@1	23.62	20.62	33	PASS
N2	15	15	DFT-QPSK	H	1@77	23.58	20.58	33	PASS
N2	15	15	DFT-QPSK	H	75@0	22.74	19.74	33	PASS
N2	15	15	DFT-16QAM	H	1@1	22.7	19.7	33	PASS
N2	15	15	DFT-16QAM	H	1@77	22.69	19.69	33	PASS
N2	15	15	DFT-16QAM	H	75@0	21.7	18.7	33	PASS
N2	15	15	DFT-64QAM	H	1@1	21.21	18.21	33	PASS
N2	15	15	DFT-64QAM	H	1@77	21.14	18.14	33	PASS
N2	15	15	DFT-64QAM	H	75@0	21.14	18.14	33	PASS
N2	15	15	DFT-256QAM	H	1@1	21.08	18.08	33	PASS
N2	15	15	DFT-256QAM	H	1@77	21.1	18.1	33	PASS
N2	15	15	DFT-256QAM	H	75@0	21.22	18.22	33	PASS
N2	15	20	DFT-QPSK	L	1@1	23.6	20.6	33	PASS
N2	15	20	DFT-QPSK	L	1@104	23.64	20.64	33	PASS
N2	15	20	DFT-QPSK	L	100@0	22.67	19.67	33	PASS
N2	15	20	DFT-16QAM	L	1@1	22.69	19.69	33	PASS
N2	15	20	DFT-16QAM	L	1@104	22.72	19.72	33	PASS
N2	15	20	DFT-16QAM	L	100@0	21.67	18.67	33	PASS
N2	15	20	DFT-64QAM	L	1@1	21.17	18.17	33	PASS
N2	15	20	DFT-64QAM	L	1@104	21.21	18.21	33	PASS
N2	15	20	DFT-64QAM	L	100@0	21.16	18.16	33	PASS
N2	15	20	DFT-256QAM	L	1@1	20.96	17.96	33	PASS
N2	15	20	DFT-256QAM	L	1@104	20.99	17.99	33	PASS
N2	15	20	DFT-256QAM	L	100@0	21.18	18.18	33	PASS
N2	15	20	DFT-QPSK	M	1@1	23.77	20.77	33	PASS
N2	15	20	DFT-QPSK	M	1@104	23.83	20.83	33	PASS
N2	15	20	DFT-QPSK	M	100@0	22.83	19.83	33	PASS
N2	15	20	DFT-16QAM	M	1@1	22.83	19.83	33	PASS
N2	15	20	DFT-16QAM	M	1@104	22.91	19.91	33	PASS

N2	15	20	DFT-16QAM	M	100@0	21.79	18.79	33	PASS
N2	15	20	DFT-64QAM	M	1@1	21.33	18.33	33	PASS
N2	15	20	DFT-64QAM	M	1@104	21.41	18.41	33	PASS
N2	15	20	DFT-64QAM	M	100@0	21.36	18.36	33	PASS
N2	15	20	DFT-256QAM	M	1@1	21.08	18.08	33	PASS
N2	15	20	DFT-256QAM	M	1@104	21.16	18.16	33	PASS
N2	15	20	DFT-256QAM	M	100@0	21.35	18.35	33	PASS
N2	15	20	DFT-QPSK	H	1@1	23.58	20.58	33	PASS
N2	15	20	DFT-QPSK	H	1@104	23.54	20.54	33	PASS
N2	15	20	DFT-QPSK	H	100@0	22.69	19.69	33	PASS
N2	15	20	DFT-16QAM	H	1@1	22.75	19.75	33	PASS
N2	15	20	DFT-16QAM	H	1@104	22.68	19.68	33	PASS
N2	15	20	DFT-16QAM	H	100@0	21.68	18.68	33	PASS
N2	15	20	DFT-64QAM	H	1@1	21.16	18.16	33	PASS
N2	15	20	DFT-64QAM	H	1@104	21.04	18.04	33	PASS
N2	15	20	DFT-64QAM	H	100@0	21.21	18.21	33	PASS
N2	15	20	DFT-256QAM	H	1@1	21.09	18.09	33	PASS
N2	15	20	DFT-256QAM	H	1@104	21.03	18.03	33	PASS
N2	15	20	DFT-256QAM	H	100@0	21.21	18.21	33	PASS

Peak-to-Average Ratio for SA

Test Graphs



1-N2-PC3-15-20-L-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.33dB-PASS



1-N2-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-7.17dB-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-256QAM-Out_Full-100@0-6.38dB-PASS



1-N2-PC3-15-20-M-2-NS_01-CP-256QAM-Out_Full-106@0-7.20dB-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-256QAM-Out_Full-100@0-6.30dB-PASS



1-N2-PC3-15-20-H-2-NS_01-CP-256QAM-Outer_Full-106@0-7.09dB-PASS

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% Result (MHz)	26dB Result (MHz)	Verdict
N2	15	5	DFT-QPSK	L	25@0	4.5022	5.231	PASS
N2	15	5	DFT-16QAM	L	25@0	4.5054	5.196	PASS
N2	15	5	DFT-64QAM	L	25@0	4.5156	5.180	PASS
N2	15	5	DFT-256QAM	L	25@0	4.5076	5.162	PASS
N2	15	5	CP-QPSK	L	25@0	4.5104	5.285	PASS
N2	15	5	CP-16QAM	L	25@0	4.5013	5.154	PASS
N2	15	5	CP-64QAM	L	25@0	4.5065	5.250	PASS
N2	15	5	CP-256QAM	L	25@0	4.5077	5.298	PASS
N2	15	5	DFT-QPSK	M	25@0	4.4950	5.165	PASS
N2	15	5	DFT-16QAM	M	25@0	4.4870	5.207	PASS
N2	15	5	DFT-64QAM	M	25@0	4.5289	5.197	PASS
N2	15	5	DFT-256QAM	M	25@0	4.5152	5.176	PASS
N2	15	5	CP-QPSK	M	25@0	4.5070	5.275	PASS
N2	15	5	CP-16QAM	M	25@0	4.4964	5.157	PASS
N2	15	5	CP-64QAM	M	25@0	4.4995	5.244	PASS
N2	15	5	CP-256QAM	M	25@0	4.4991	5.254	PASS
N2	15	5	DFT-QPSK	H	25@0	4.4979	5.148	PASS
N2	15	5	DFT-16QAM	H	25@0	4.4928	5.155	PASS
N2	15	5	DFT-64QAM	H	25@0	4.5079	5.150	PASS
N2	15	5	DFT-256QAM	H	25@0	4.5075	5.169	PASS
N2	15	5	CP-QPSK	H	25@0	4.5189	5.285	PASS
N2	15	5	CP-16QAM	H	25@0	4.5245	5.161	PASS
N2	15	5	CP-64QAM	H	25@0	4.5046	5.268	PASS
N2	15	5	CP-256QAM	H	25@0	4.5118	5.255	PASS
N2	15	10	DFT-QPSK	L	50@0	8.9916	9.944	PASS
N2	15	10	DFT-16QAM	L	50@0	9.0052	9.800	PASS
N2	15	10	DFT-64QAM	L	50@0	8.9695	9.812	PASS
N2	15	10	DFT-256QAM	L	50@0	8.9758	9.754	PASS
N2	15	10	CP-QPSK	L	52@0	9.3083	10.20	PASS
N2	15	10	CP-16QAM	L	52@0	9.3352	10.29	PASS
N2	15	10	CP-64QAM	L	52@0	9.3499	10.30	PASS
N2	15	10	CP-256QAM	L	52@0	9.3498	10.36	PASS
N2	15	10	DFT-QPSK	M	50@0	9.0046	9.927	PASS
N2	15	10	DFT-16QAM	M	50@0	9.0075	9.777	PASS

N2	15	10	DFT-64QAM	M	50@0	8.9678	9.756	PASS
N2	15	10	DFT-256QAM	M	50@0	8.9752	9.788	PASS
N2	15	10	CP-QPSK	M	52@0	9.3113	10.24	PASS
N2	15	10	CP-16QAM	M	52@0	9.3302	10.27	PASS
N2	15	10	CP-64QAM	M	52@0	9.3598	10.27	PASS
N2	15	10	CP-256QAM	M	52@0	9.3690	10.37	PASS
N2	15	10	DFT-QPSK	H	50@0	9.0068	9.898	PASS
N2	15	10	DFT-16QAM	H	50@0	9.0049	9.770	PASS
N2	15	10	DFT-64QAM	H	50@0	8.9629	9.784	PASS
N2	15	10	DFT-256QAM	H	50@0	8.9749	9.812	PASS
N2	15	10	CP-QPSK	H	52@0	9.3085	10.22	PASS
N2	15	10	CP-16QAM	H	52@0	9.3336	10.24	PASS
N2	15	10	CP-64QAM	H	52@0	9.3546	10.29	PASS
N2	15	10	CP-256QAM	H	52@0	9.3774	10.33	PASS
N2	15	15	DFT-QPSK	L	75@0	13.473	14.59	PASS
N2	15	15	DFT-16QAM	L	75@0	13.486	14.67	PASS
N2	15	15	DFT-64QAM	L	75@0	13.439	14.53	PASS
N2	15	15	DFT-256QAM	L	75@0	13.473	14.57	PASS
N2	15	15	CP-QPSK	L	79@0	14.165	15.24	PASS
N2	15	15	CP-16QAM	L	79@0	14.120	15.28	PASS
N2	15	15	CP-64QAM	L	79@0	14.130	15.26	PASS
N2	15	15	CP-256QAM	L	79@0	14.157	15.31	PASS
N2	15	15	DFT-QPSK	M	75@0	13.468	14.52	PASS
N2	15	15	DFT-16QAM	M	75@0	13.489	14.58	PASS
N2	15	15	DFT-64QAM	M	75@0	13.467	14.61	PASS
N2	15	15	DFT-256QAM	M	75@0	13.473	14.60	PASS
N2	15	15	CP-QPSK	M	79@0	14.179	15.31	PASS
N2	15	15	CP-16QAM	M	79@0	14.144	15.35	PASS
N2	15	15	CP-64QAM	M	79@0	14.151	15.35	PASS
N2	15	15	CP-256QAM	M	79@0	14.178	15.30	PASS
N2	15	15	DFT-QPSK	H	75@0	13.447	14.54	PASS
N2	15	15	DFT-16QAM	H	75@0	13.470	14.59	PASS
N2	15	15	DFT-64QAM	H	75@0	13.424	14.48	PASS
N2	15	15	DFT-256QAM	H	75@0	13.457	14.60	PASS
N2	15	15	CP-QPSK	H	79@0	14.144	15.26	PASS
N2	15	15	CP-16QAM	H	79@0	14.115	15.21	PASS
N2	15	15	CP-64QAM	H	79@0	14.115	15.23	PASS
N2	15	15	CP-256QAM	H	79@0	14.154	15.24	PASS
N2	15	20	DFT-QPSK	L	100@0	17.908	19.21	PASS
N2	15	20	DFT-16QAM	L	100@0	17.994	19.21	PASS
N2	15	20	DFT-64QAM	L	100@0	17.909	19.15	PASS
N2	15	20	DFT-256QAM	L	100@0	17.910	19.20	PASS
N2	15	20	CP-QPSK	L	106@0	18.902	20.22	PASS
N2	15	20	CP-16QAM	L	106@0	19.011	20.31	PASS

N2	15	20	CP-64QAM	L	106@0	18.966	20.30	PASS
N2	15	20	CP-256QAM	L	106@0	18.910	20.26	PASS
N2	15	20	DFT-QPSK	M	100@0	17.954	19.25	PASS
N2	15	20	DFT-16QAM	M	100@0	18.039	19.20	PASS
N2	15	20	DFT-64QAM	M	100@0	17.963	19.17	PASS
N2	15	20	DFT-256QAM	M	100@0	17.954	19.24	PASS
N2	15	20	CP-QPSK	M	106@0	18.965	20.23	PASS
N2	15	20	CP-16QAM	M	106@0	19.063	20.33	PASS
N2	15	20	CP-64QAM	M	106@0	19.032	20.43	PASS
N2	15	20	CP-256QAM	M	106@0	18.963	20.31	PASS
N2	15	20	DFT-QPSK	H	100@0	17.965	19.22	PASS
N2	15	20	DFT-16QAM	H	100@0	17.984	19.13	PASS
N2	15	20	DFT-64QAM	H	100@0	17.914	19.19	PASS
N2	15	20	DFT-256QAM	H	100@0	17.911	19.22	PASS
N2	15	20	CP-QPSK	H	106@0	18.898	20.16	PASS
N2	15	20	CP-16QAM	H	106@0	19.014	20.26	PASS
N2	15	20	CP-64QAM	H	106@0	18.965	20.26	PASS
N2	15	20	CP-256QAM	H	106@0	18.900	20.26	PASS

Test Graphs



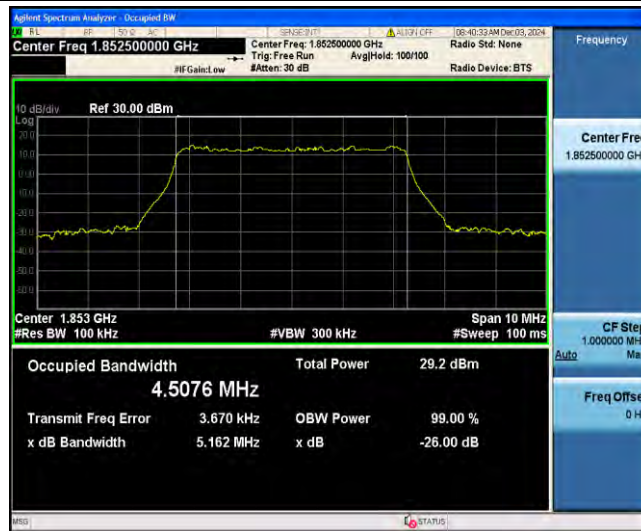
1-N2-PC3-15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant3-4.5022-5.231-≤5-PASS



1-N2-PC3-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant3-4.5054-5.196-≤5-PASS



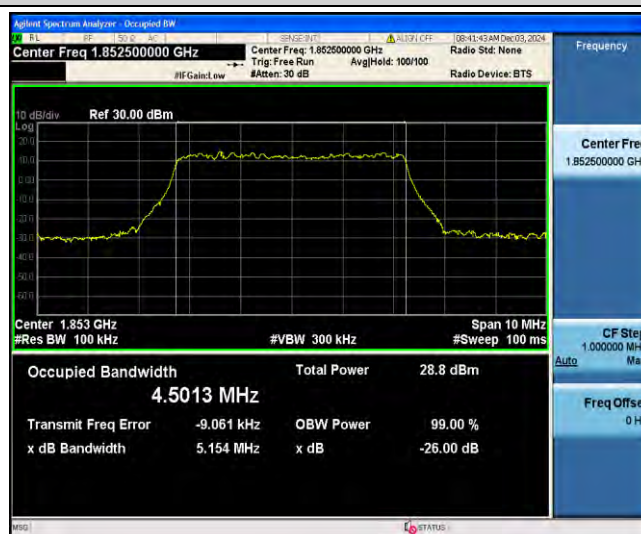
1-N2-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant3-4.5156-5.180-≤5-PASS



1-N2-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant3-4.5076-5.162-≤5-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant3-4.5104-5.285-≤5-PASS



1-N2-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant3-4.5013-5.154-≤5-PASS



1-N2-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant3-4.5065-5.250-≤5-PASS



1-N2-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant3-4.5077-5.298-≤5-PASS



1-N2-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant3-4.4950-5.165-≤5-PASS



1-N2-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant3-4.4870-5.207-≤5-PASS



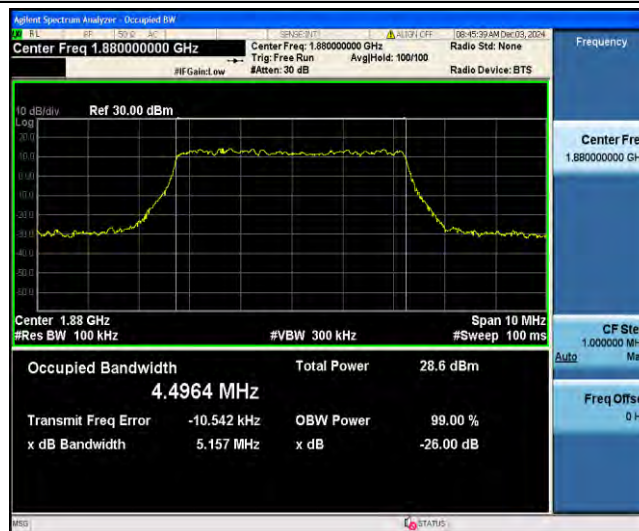
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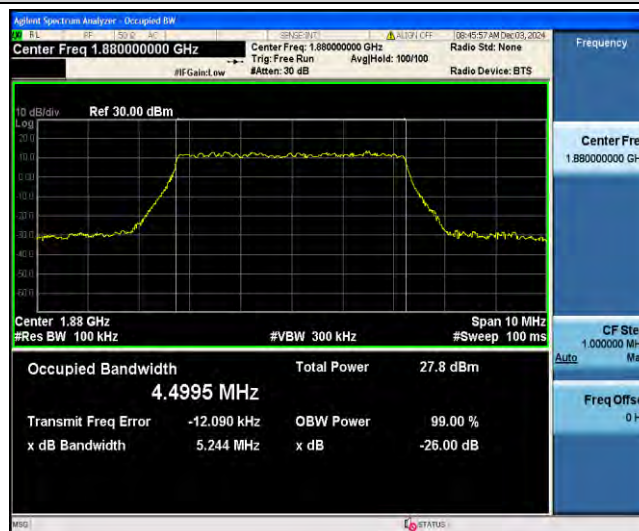
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1-N2-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant3-4.5070-5.275-≤5-PASS



1-N2-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant3-4.4964-5.157-≤5-PASS



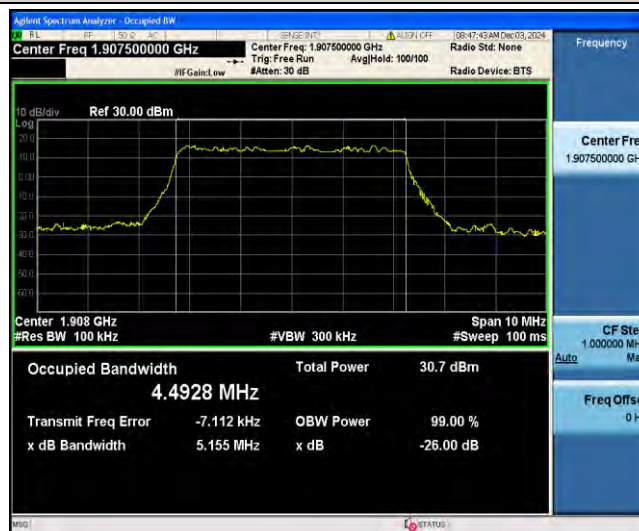
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1-N2-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant3-4.4991-5.254-≤5-PASS



1-N2-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant3-4.4979-5.148-≤5-PASS



1-N2-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant3-4.4928-5.155-≤5-PASS



1-N2-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant3-4.5079-5.150-≤5-PASS



1-N2-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant3-4.5075-5.169-≤5-PASS



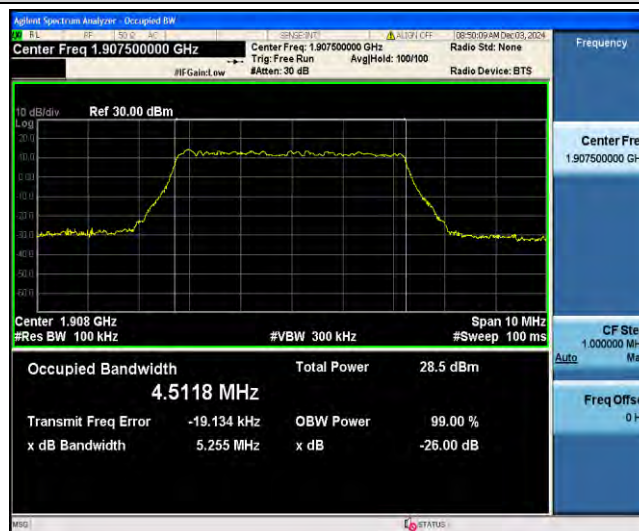
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1-N2-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant3-4.5245-5.161-≤5-PASS



1-N2-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant3-4.5046-5.268-≤5-PASS



1-N2-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant3-4.5118-5.255-≤5-PASS



1-N2-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant3-8.9916-9.944-≤10-PASS



1-N2-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant3-9.0052-9.800-≤10-PASS



1-N2-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant3-8.9695-9.812-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant3-8.9758-9.754-≤10-PASS



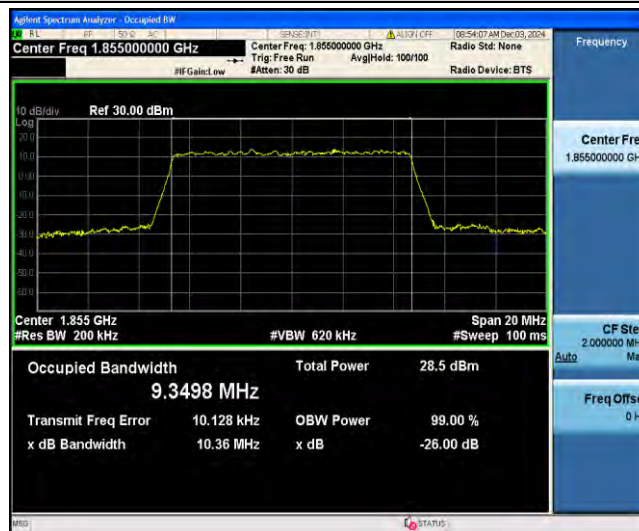
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1-N2-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant3-9.3352-10.29-≤10-PASS



1-N2-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant3-9.3499-10.30-≤10-PASS



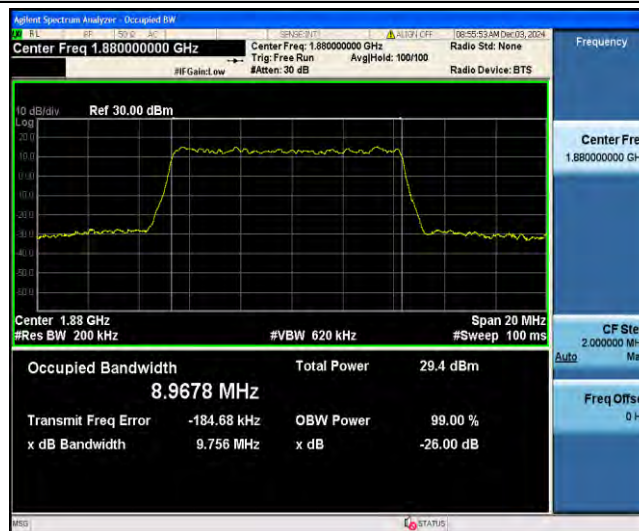
1-N2-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant3-9.3498-10.36-≤10-PASS



1-N2-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant3-9.0046-9.927-≤10-PASS



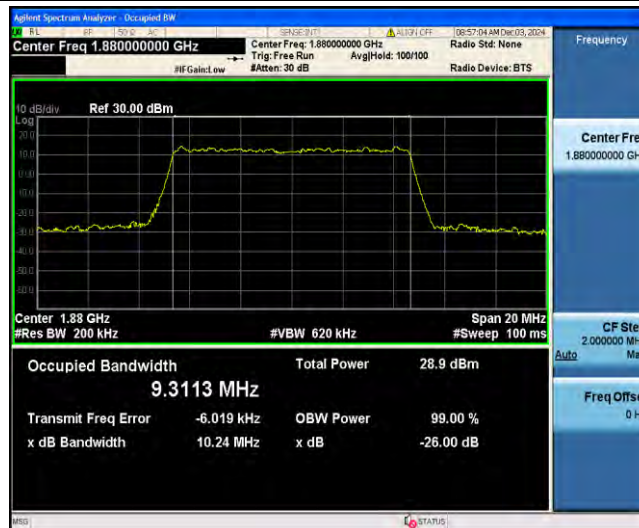
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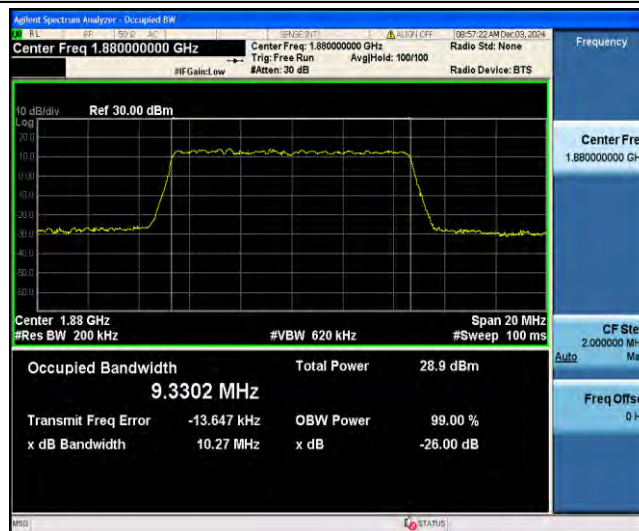
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1-N2-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant3-8.9752-9.788-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant3-9.3113-10.24-≤10-PASS



1-N2-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant3-9.3302-10.27-≤10-PASS



1-N2-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant3-9.3598-10.27-≤10-PASS



1-N2-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant3-9.3690-10.37-≤10-PASS



1-N2-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant3-9.0068-9.898-≤10-PASS



1-N2-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant3-9.0049-9.770-≤10-PASS



1-N2-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant3-8.9629-9.784-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant3-8.9749-9.812-≤10-PASS



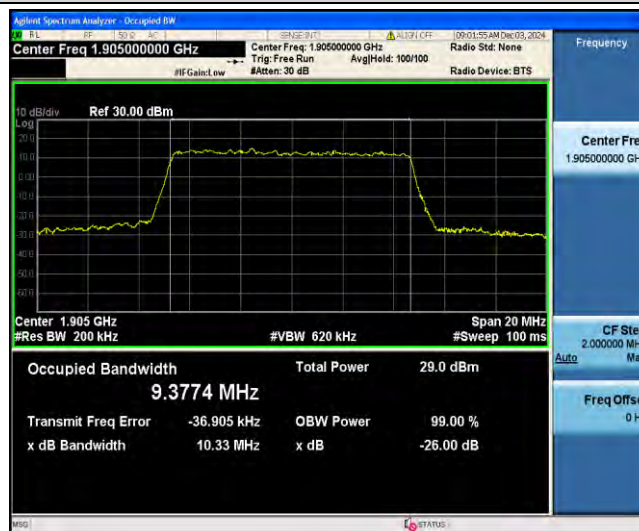
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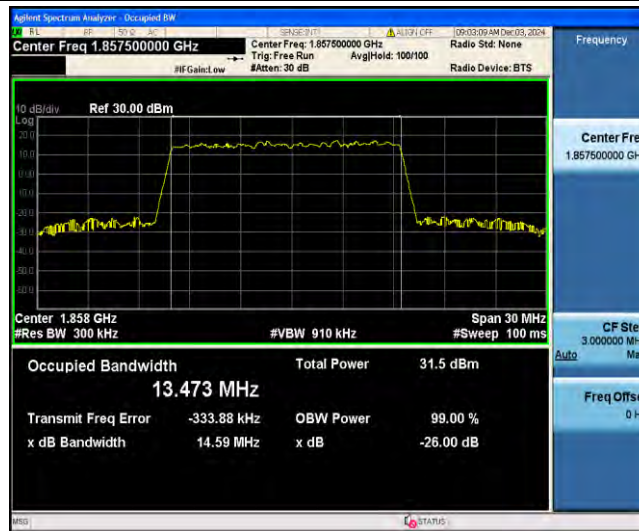
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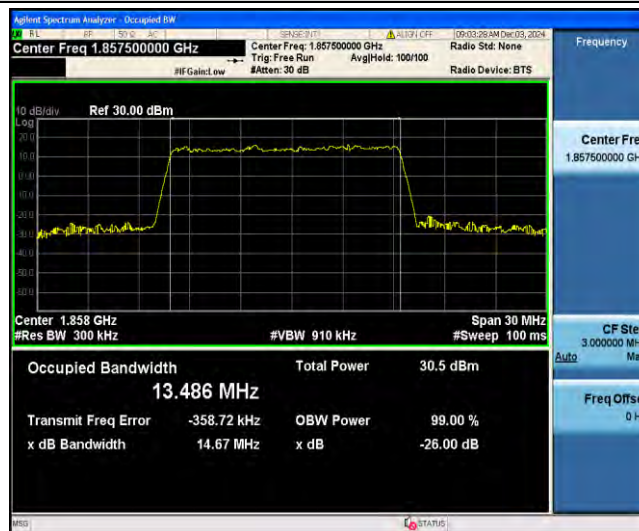
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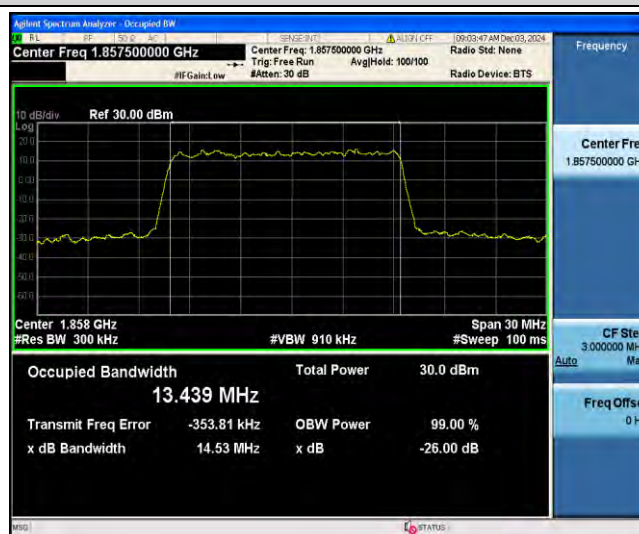
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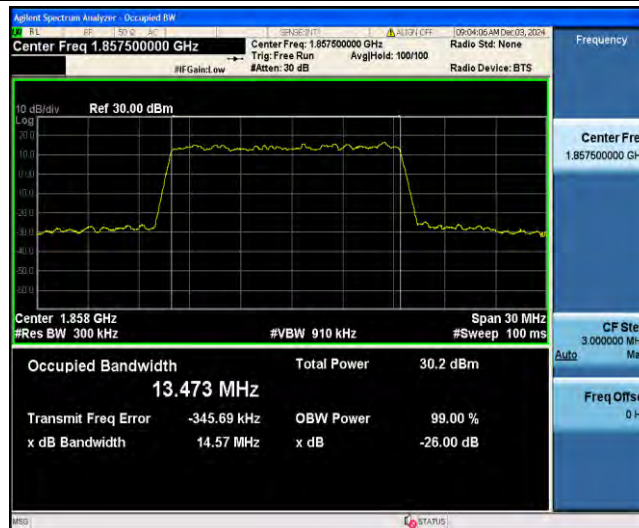
1-N2-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant3-13.473-14.59-≤15-PASS



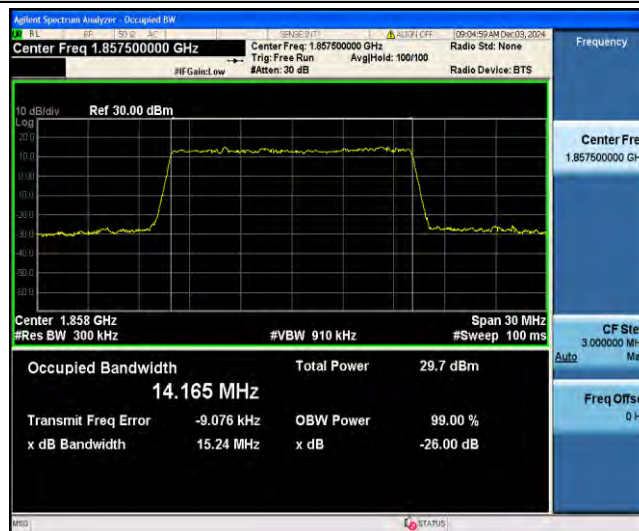
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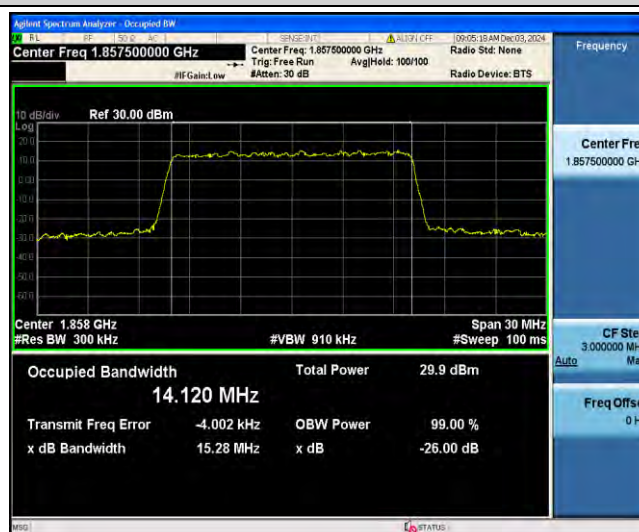
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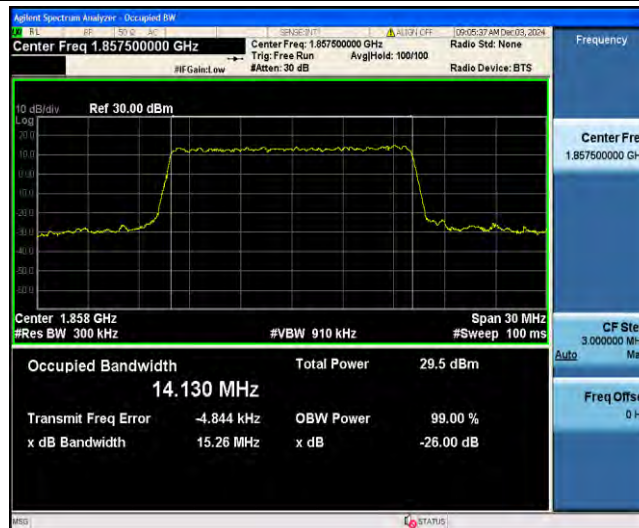
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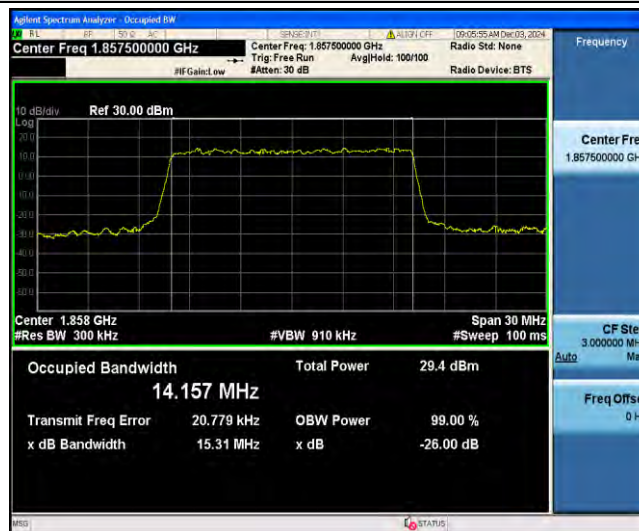
1-N2-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant3-14.165-15.24-≤15-PASS



1-N2-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant3-14.120-15.28-≤15-PASS



1-N2-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant3-14.130-15.26-≤15-PASS



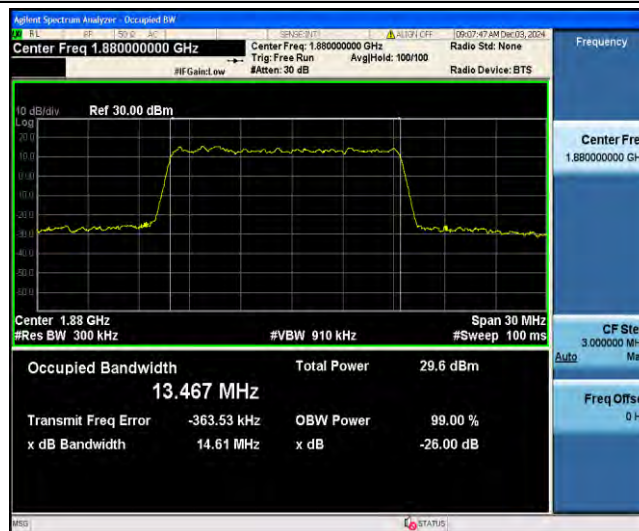
1-N2-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant3-14.157-15.31-≤15-PASS



1-N2-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant3-13.468-14.52-≤15-PASS



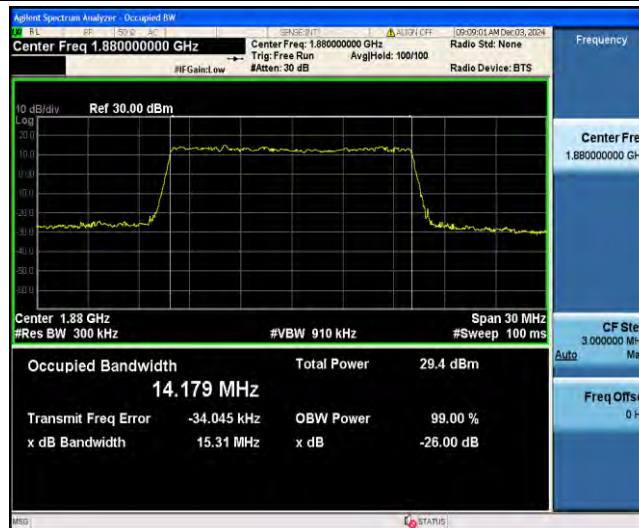
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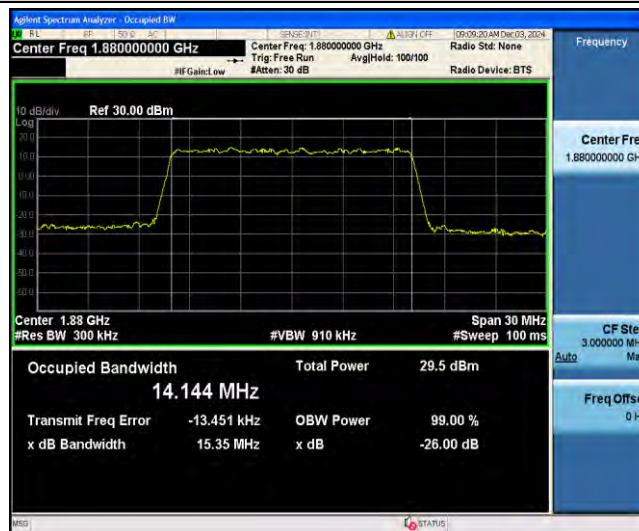
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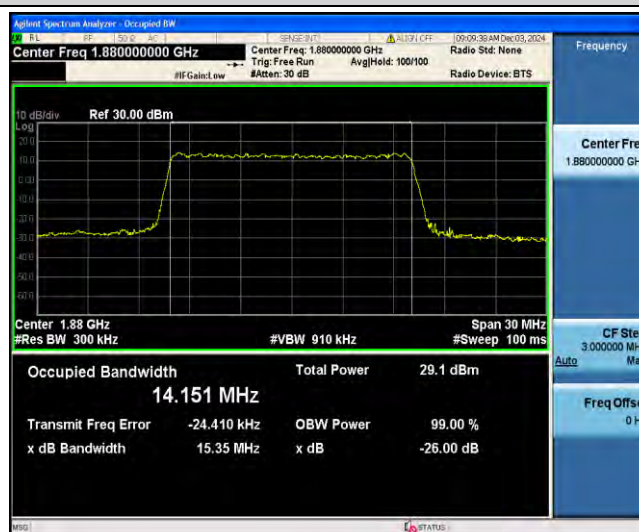
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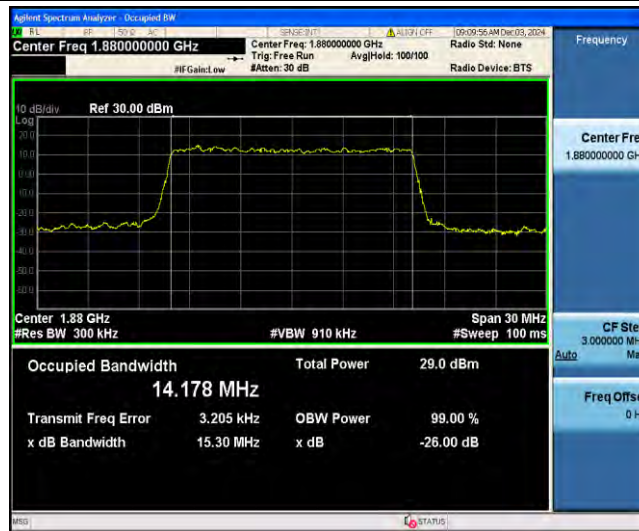
1-N2-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant3-14.179-15.31-≤15-PASS



1-N2-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant3-14.144-15.35-≤15-PASS



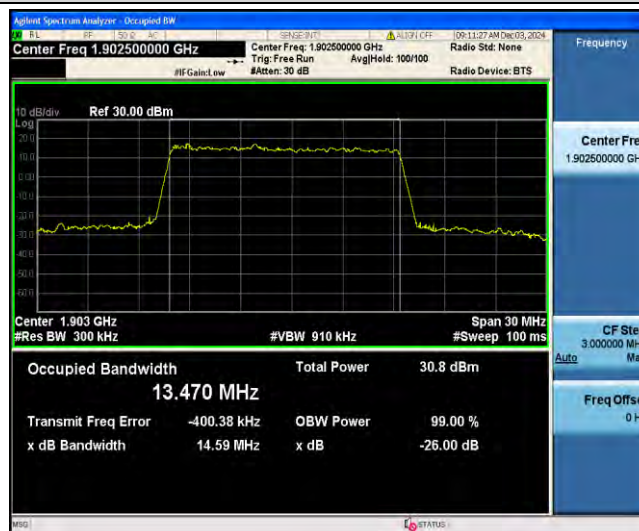
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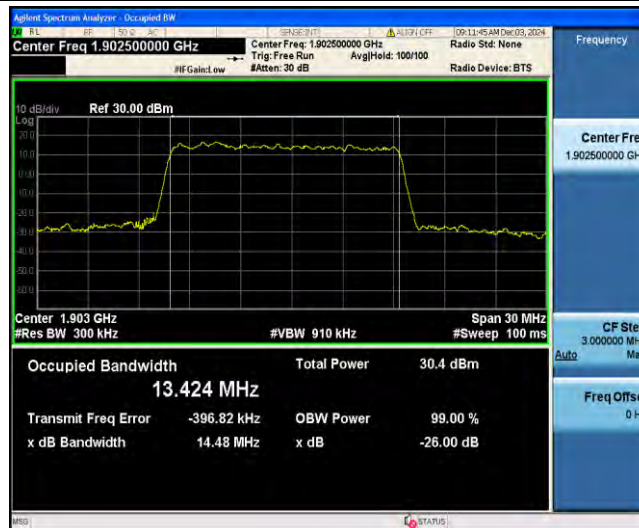
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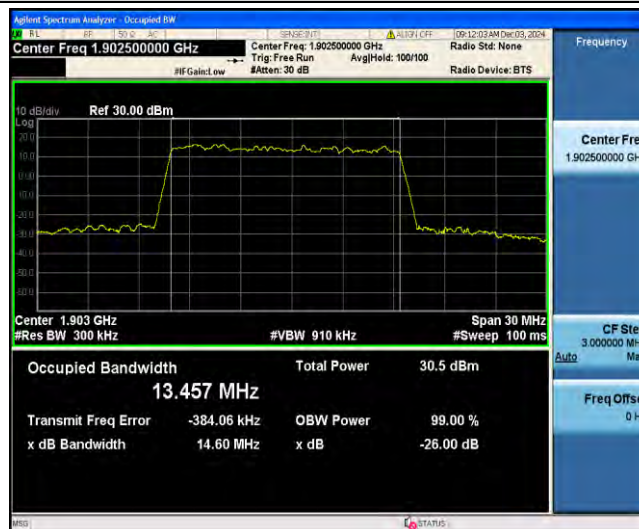
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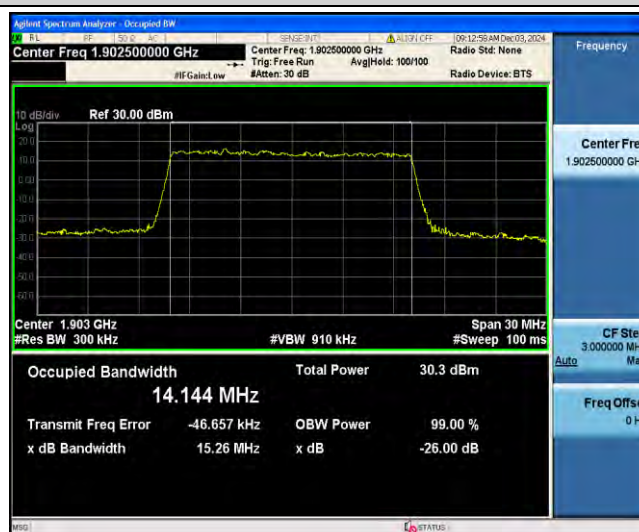
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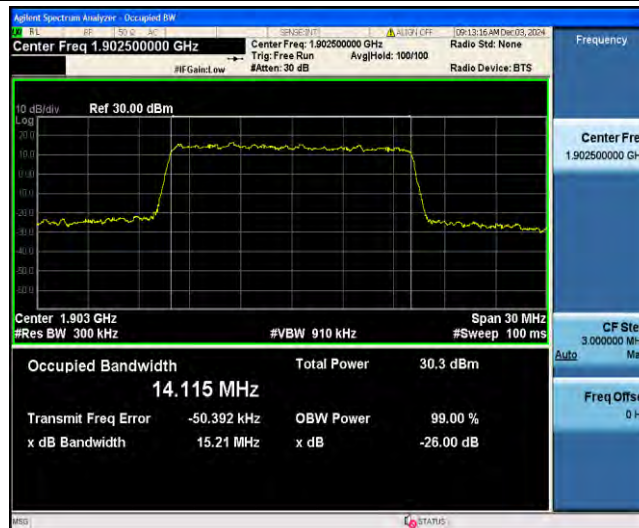
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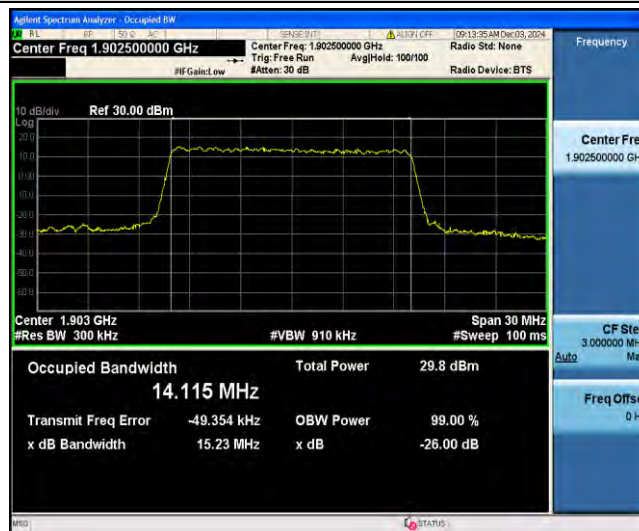
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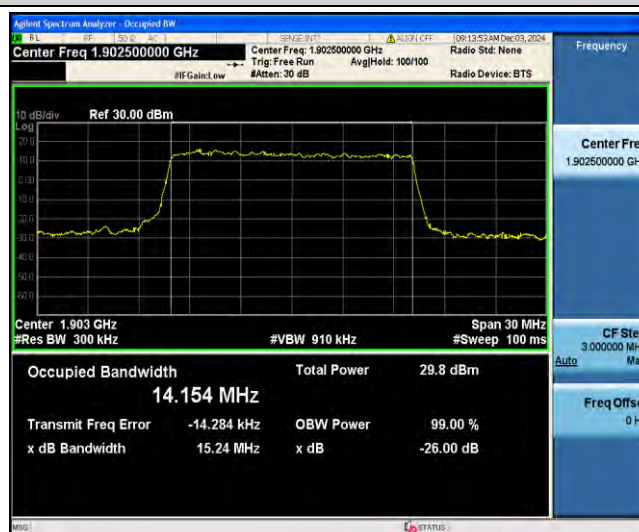
1-N2-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant3-14.144-15.26-≤15-PASS



1-N2-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant3-14.115-15.21-≤15-PASS



1-N2-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant3-14.115-15.23-≤15-PASS



1-N2-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant3-14.154-15.24-≤15-PASS



1-N2-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant3-17.908-19.21-≤20-PASS



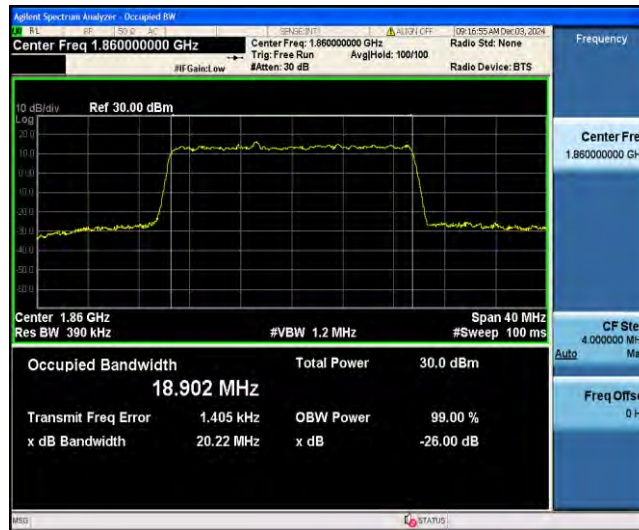
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1-N2-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant3-17.909-19.15-≤20-PASS



1-N2-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant3-17.910-19.20-≤20-PASS



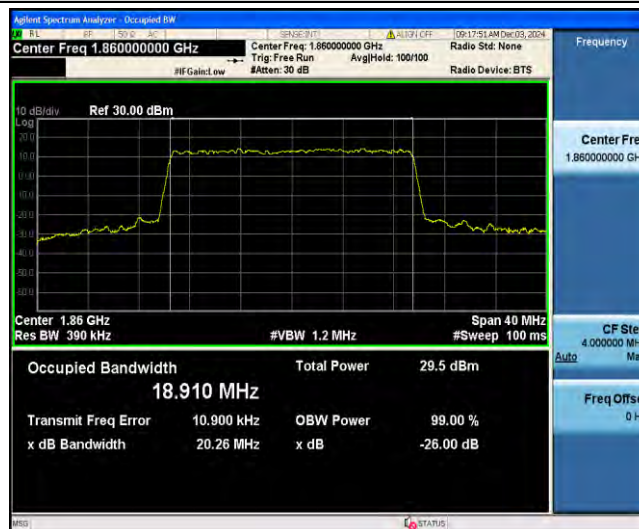
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1-N2-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant3-19.011-20.31-≤20-PASS



1-N2-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant3-18.966-20.30-≤20-PASS



1-N2-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant3-18.910-20.26-≤20-PASS



1-N2-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant3-17.954-19.25-≤20-PASS



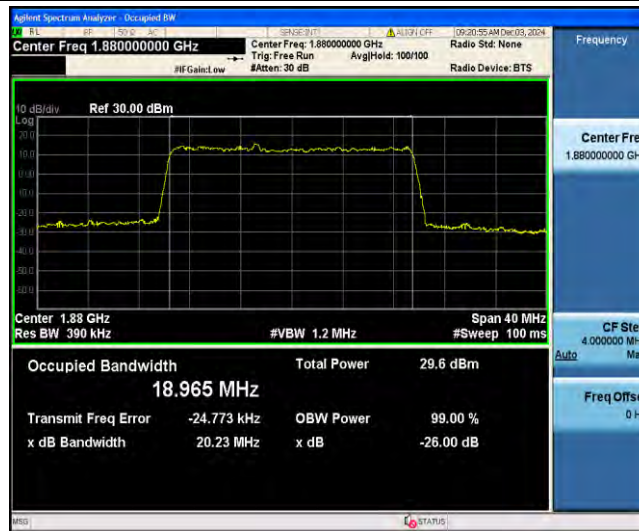
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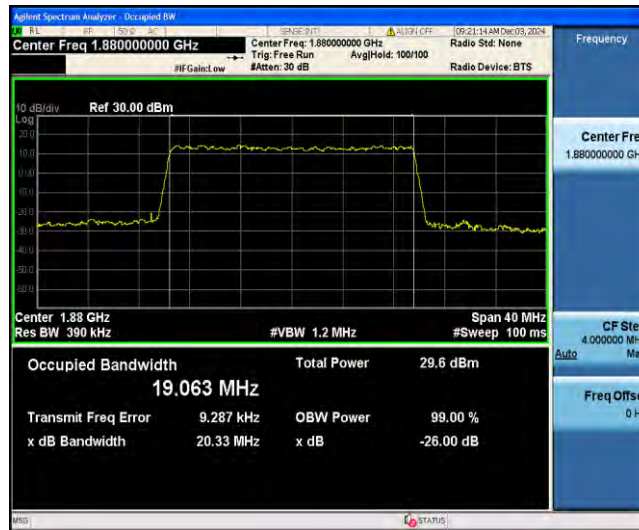
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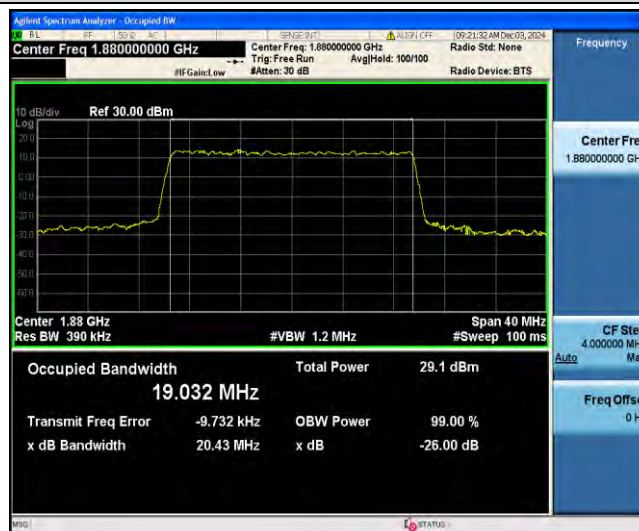
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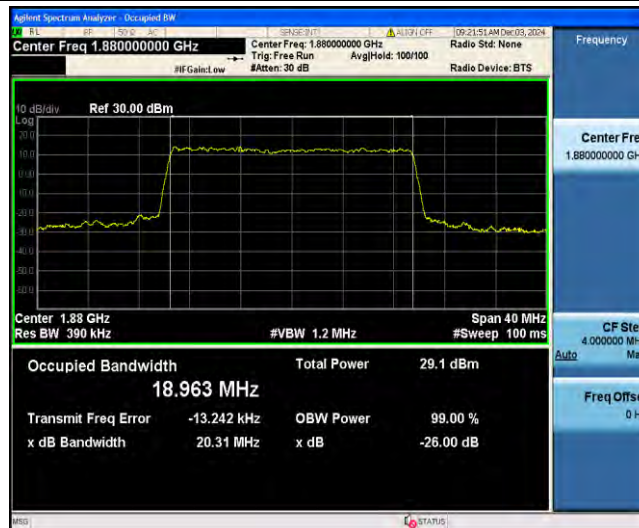
1-N2-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant3-18.965-20.23-≤20-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant3-19.063-20.33-≤20-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant3-19.032-20.43-≤20-PASS



1-N2-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant3-18.963-20.31-≤20-PASS



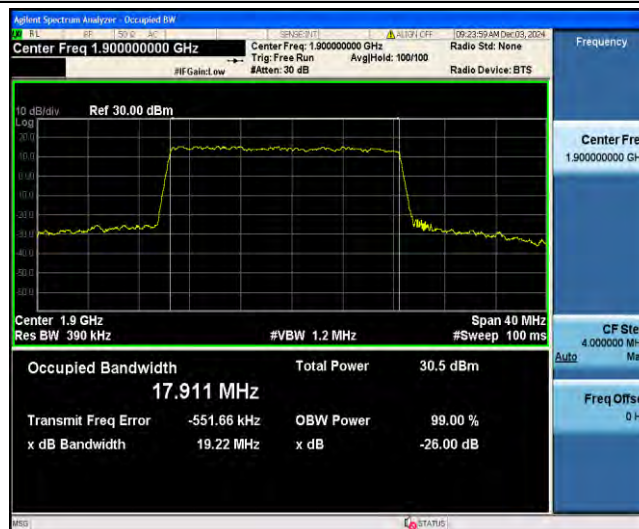
1-N2-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant3-17.965-19.22-≤20-PASS



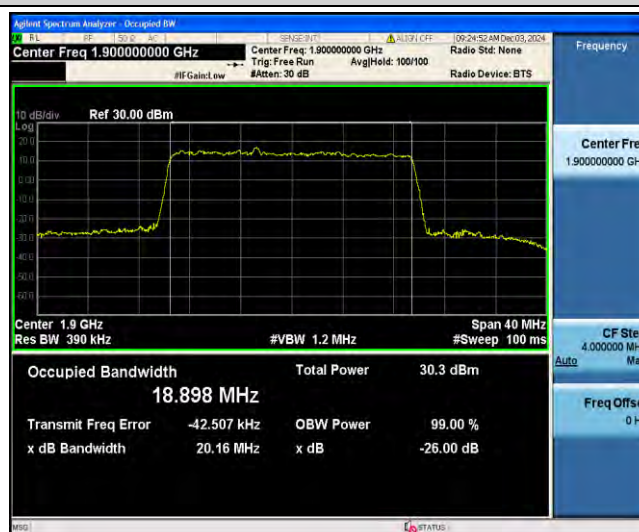
1-N2-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant3-17.984-19.13-≤20-PASS



1-N2-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant3-17.914-19.19-≤20-PASS



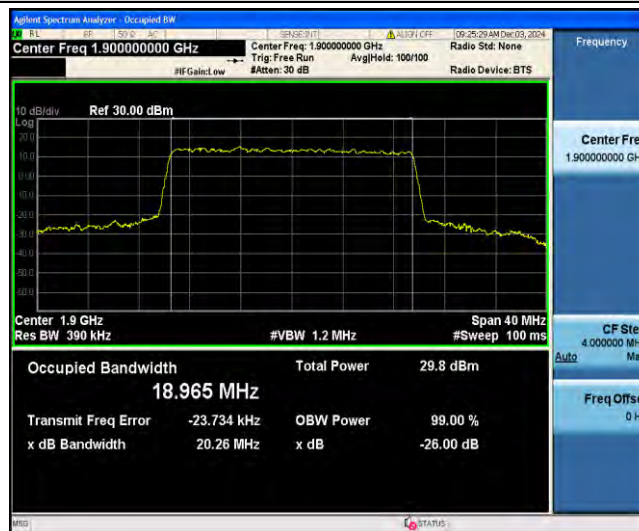
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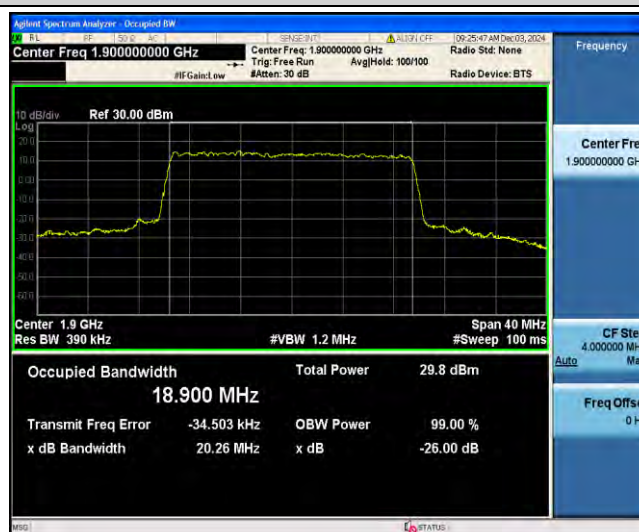
1-N2-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant3-18.898-20.16-≤20-PASS



1-N2-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant3-19.014-20.26-≤20-PASS



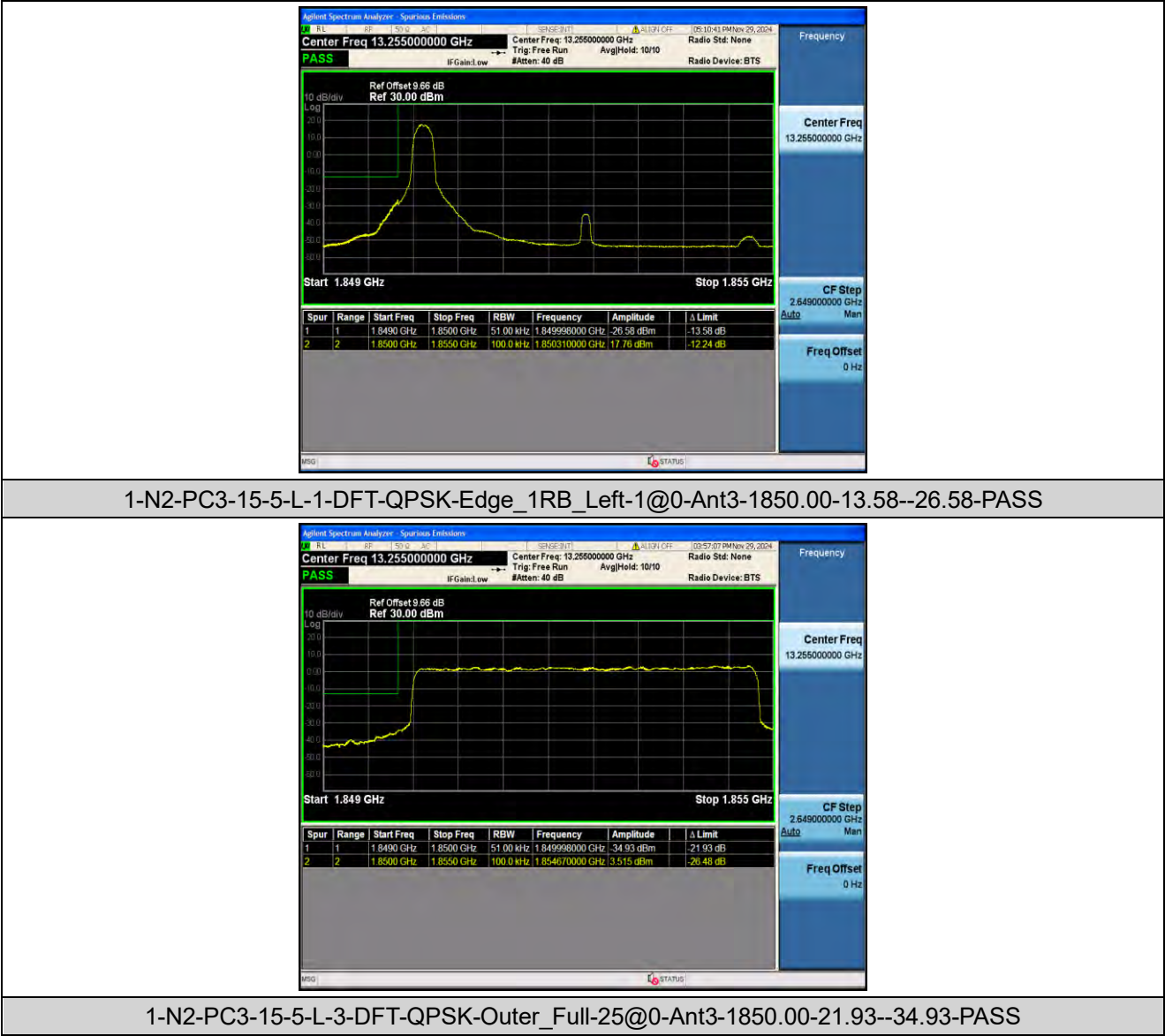
1-N2-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant3-18.965-20.26-≤20-PASS

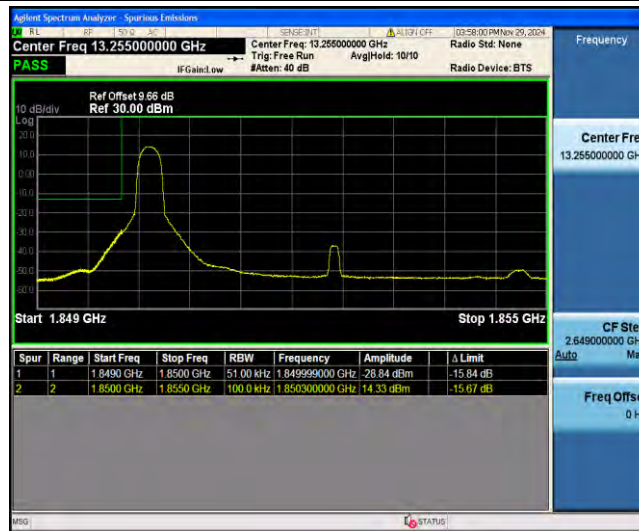


1-N2-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant3-18.900-20.26-≤20-PASS

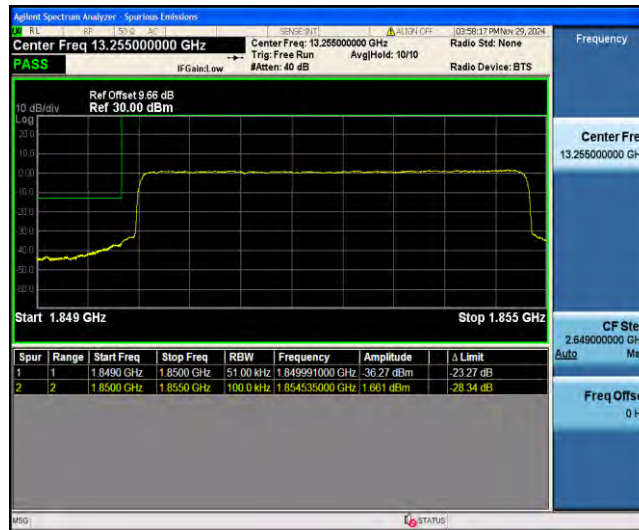
Band Edge for SA

Test Graphs

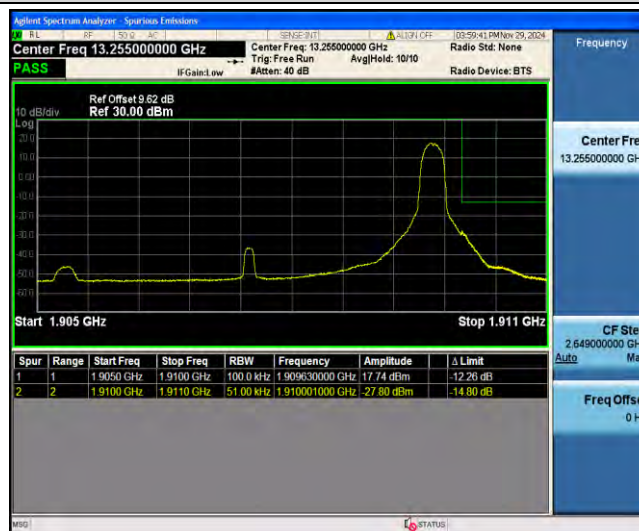




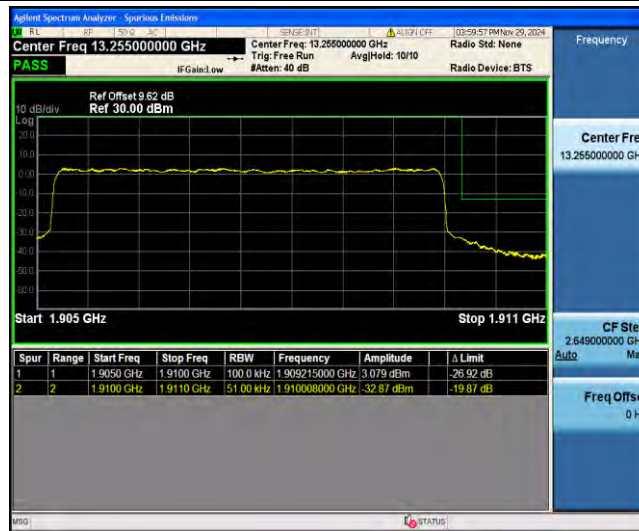
1-N2-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1850.00-15.84--28.84-PASS



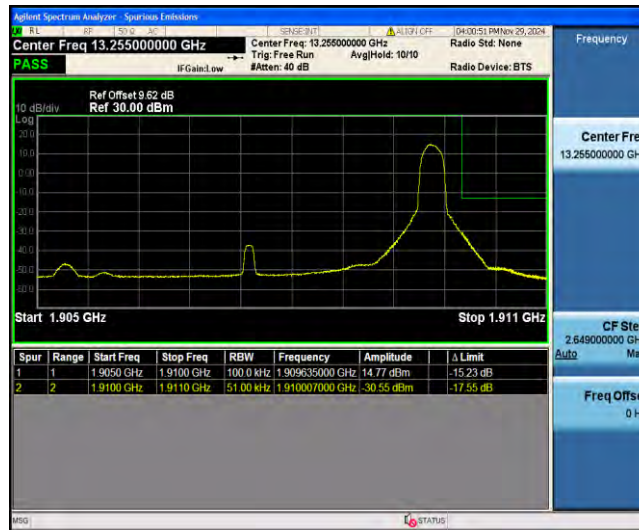
1-N2-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant3-1849.99-23.27--36.27-PASS



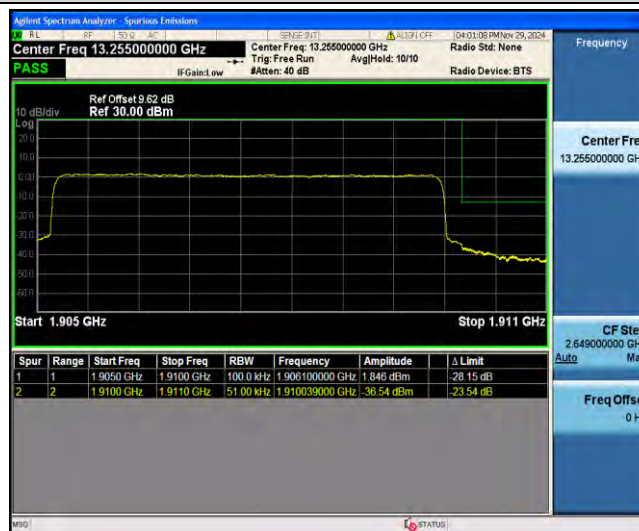
1-N2-PC3-15-5-H-2-DFT-QPSK-Edge_1RB_Right-1@24-Ant3-1910.00-14.80--27.80-PASS



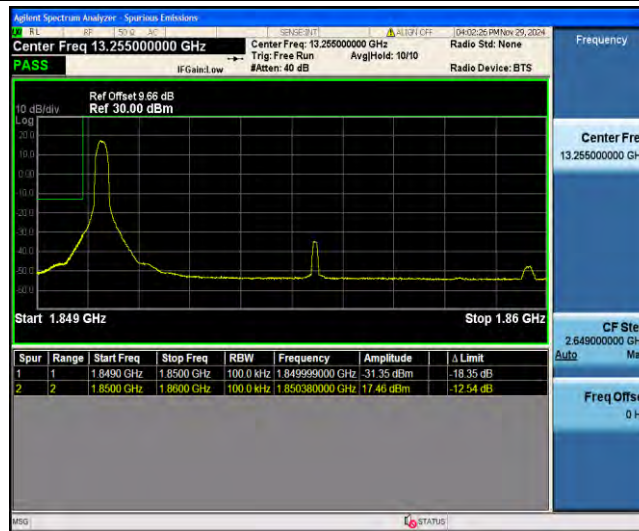
1-N2-PC3-15-5-H-3-DFT-QPSK-Outer_Full-25@0-Ant3-1910.01-19.87--32.87-PASS



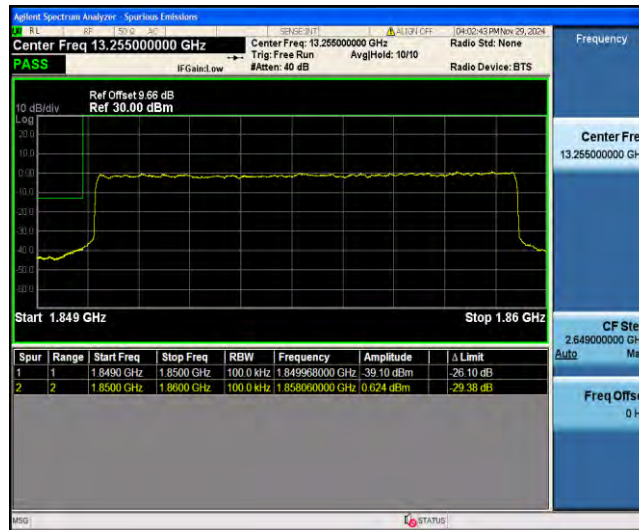
1-N2-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant3-1910.01-17.55--30.55-PASS



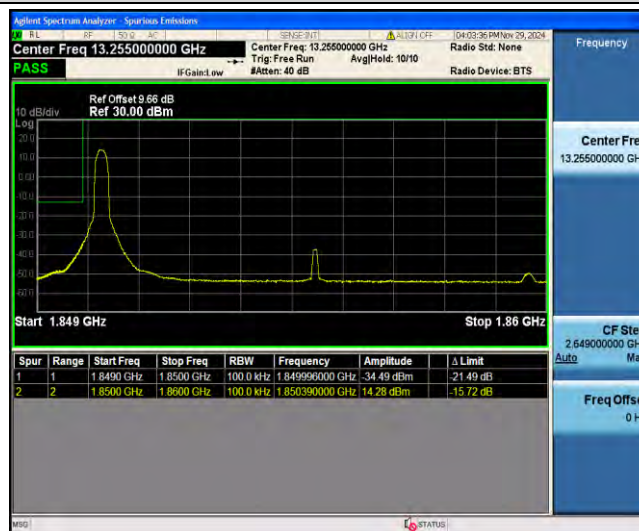
1-N2-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant3-1910.04-23.54--36.54-PASS



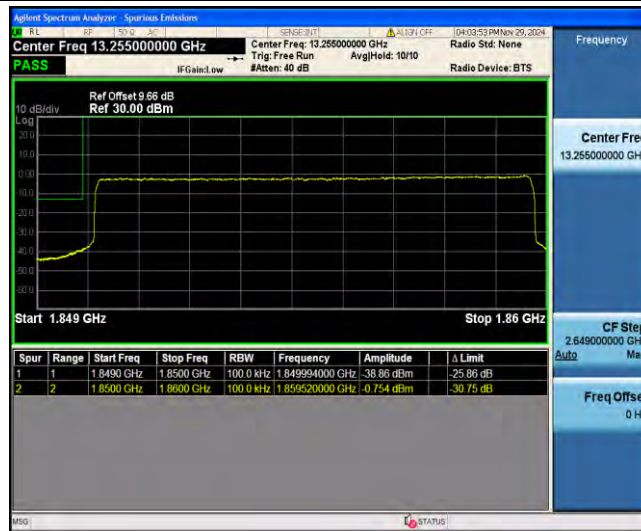
1-N2-PC3-15-10-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant3-1850.00-18.35--31.35-PASS



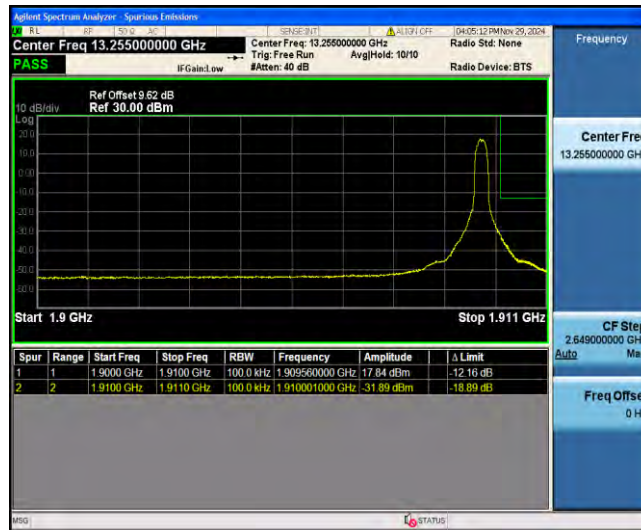
1-N2-PC3-15-10-L-3-DFT-QPSK-Outer_Full-50@0-Ant3-1849.97-26.10--39.10-PASS



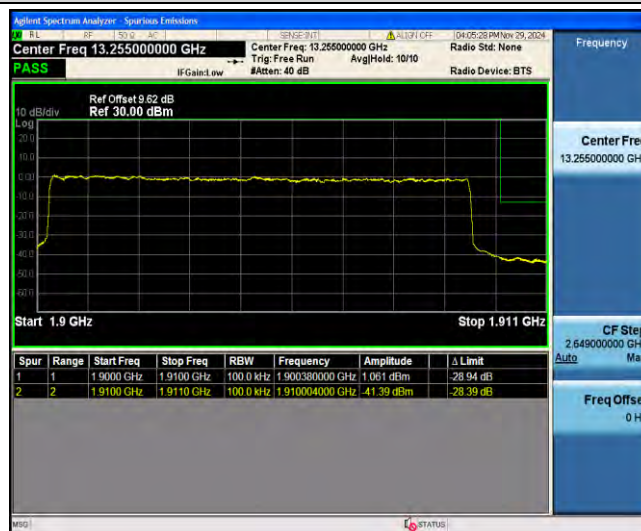
1-N2-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1850.00-21.49--34.49-PASS



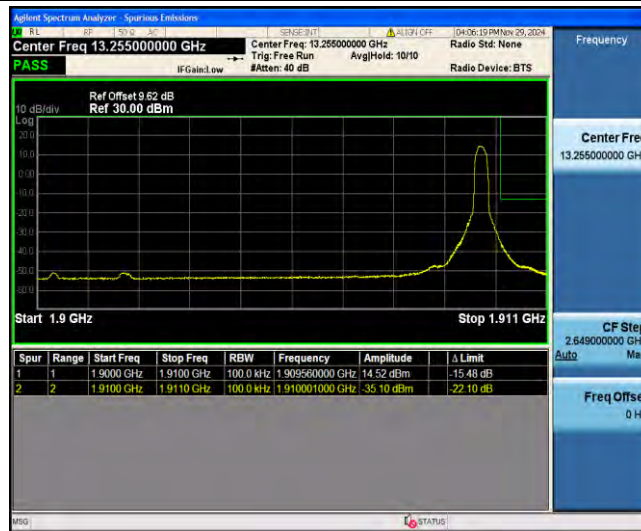
1-N2-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant3-1849.99-25.86--38.86-PASS



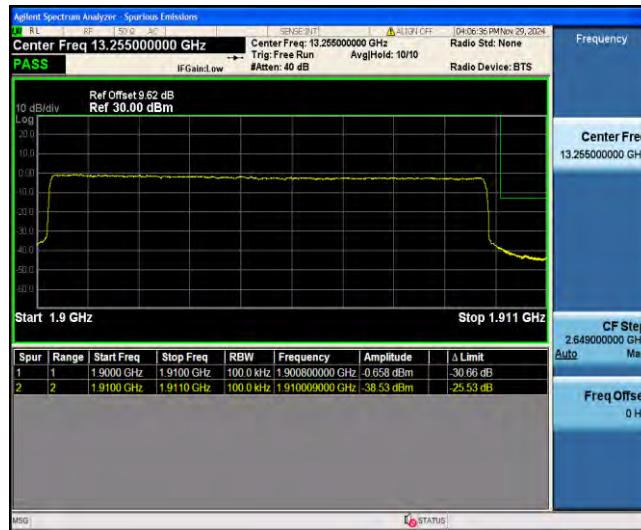
1-N2-PC3-15-10-H-2-DFT-QPSK-Edge_1RB_Right-1@51-Ant3-1910.00-18.89--31.89-PASS



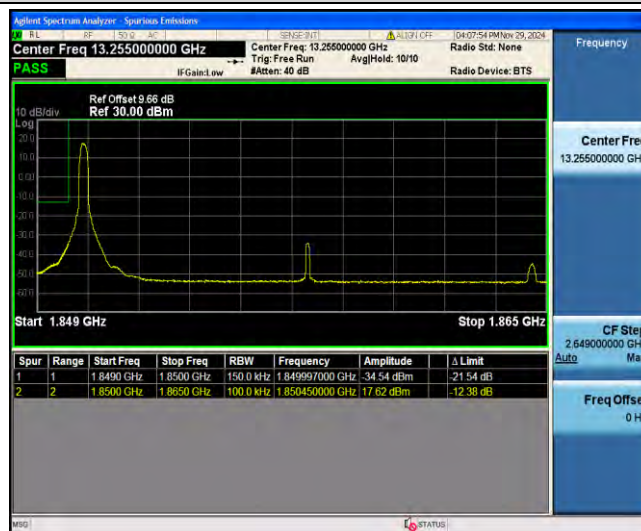
1-N2-PC3-15-10-H-3-DFT-QPSK-Outer_Full-50@0-Ant3-1910.00-28.39--41.39-PASS



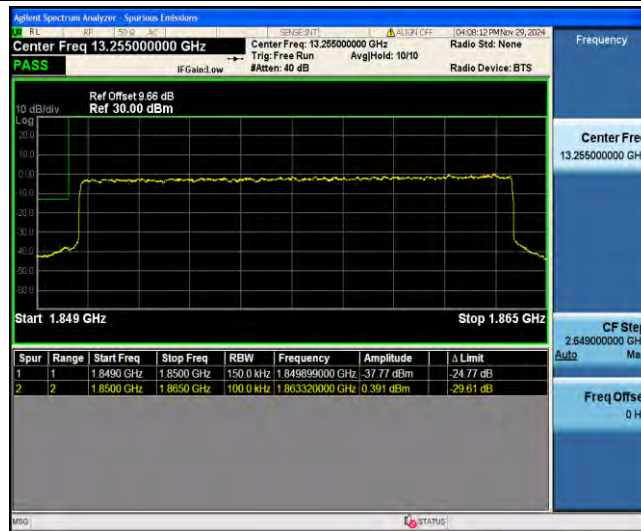
1-N2-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant3-1910.00-22.10--35.10-PASS



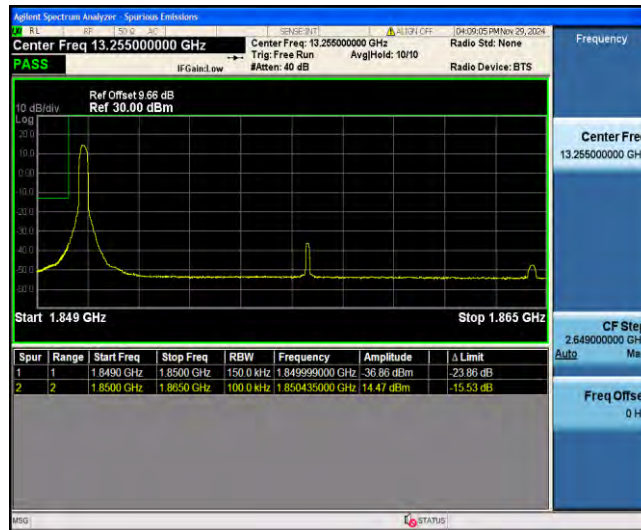
1-N2-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant3-1910.01-25.53--38.53-PASS



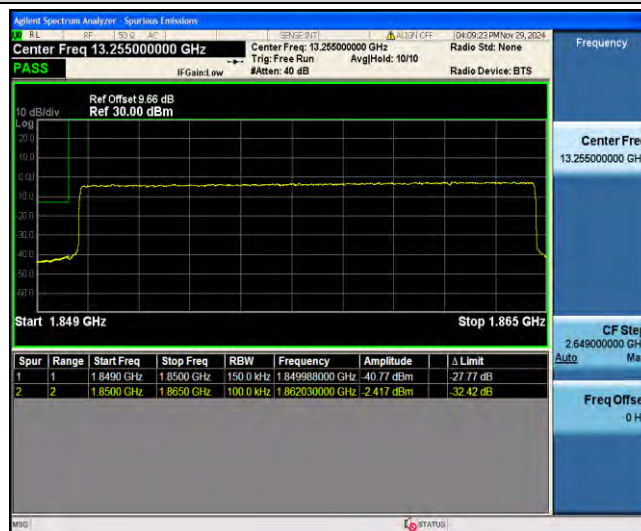
1-N2-PC3-15-15-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant3-1850.00-21.54--34.54-PASS



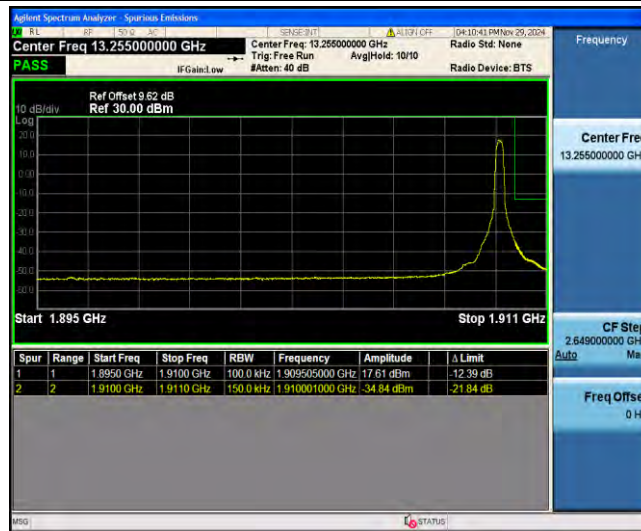
1-N2-PC3-15-15-L-3-DFT-QPSK-Outer_Full-75@0-Ant3-1849.90-24.77--37.77-PASS



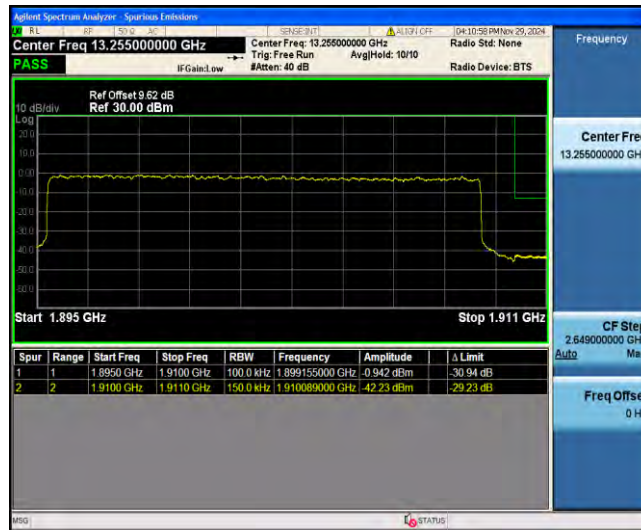
1-N2-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1850.00-23.86--36.86-PASS



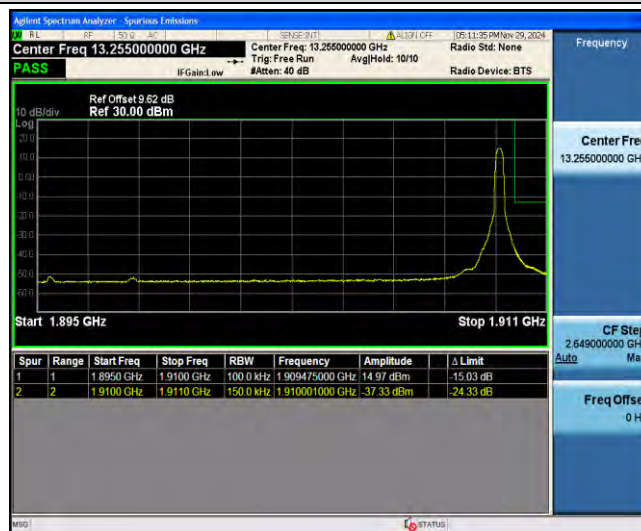
1-N2-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant3-1849.99-27.77--40.77-PASS



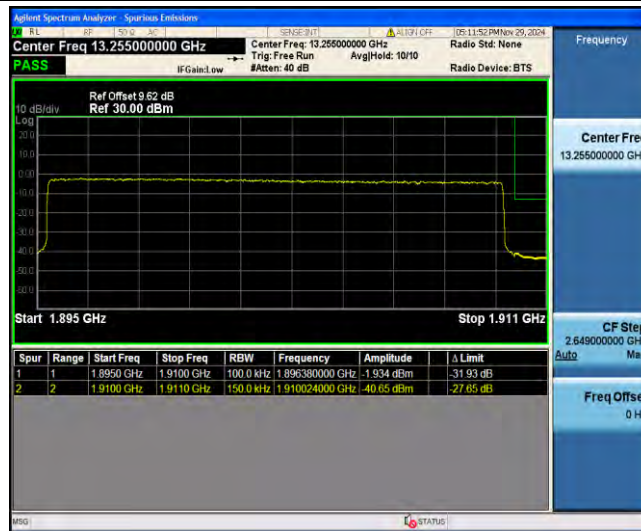
1-N2-PC3-15-15-H-2-DFT-QPSK-Edge_1RB_Right-1@78-Ant3-1910.00-21.84--34.84-PASS



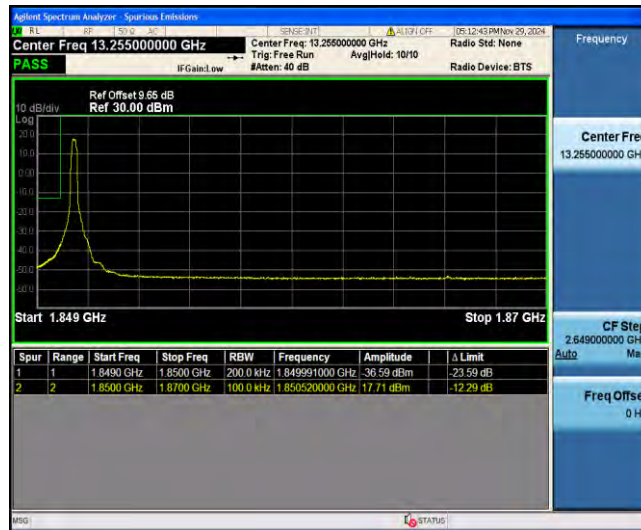
1-N2-PC3-15-15-H-3-DFT-QPSK-Outer_Full-75@0-Ant3-1910.09-29.23--42.23-PASS



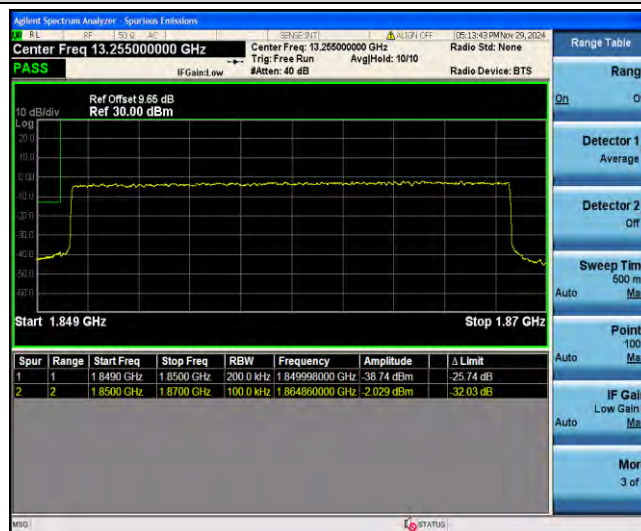
1-N2-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant3-1910.00-24.33--37.33-PASS



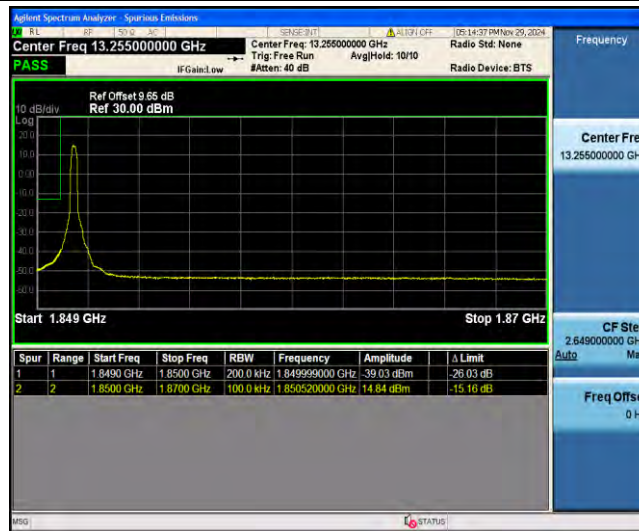
1-N2-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant3-1910.02-27.65--40.65-PASS



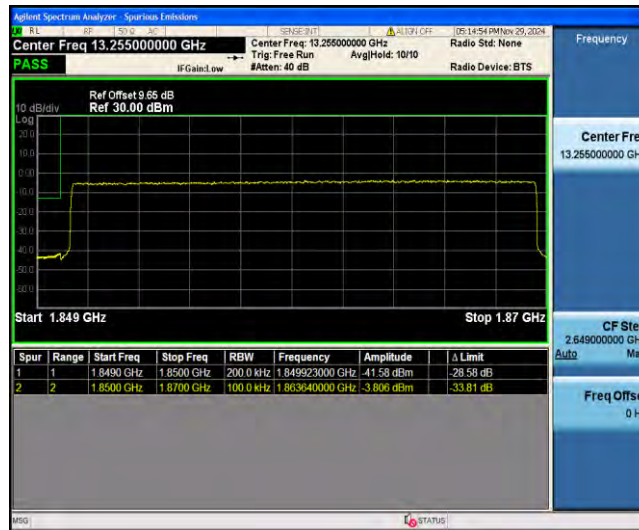
1-N2-PC3-15-20-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant3-1849.99-23.59--36.59-PASS



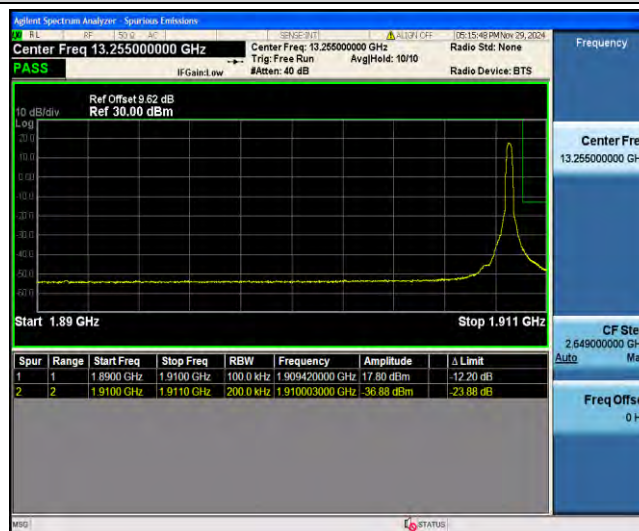
1-N2-PC3-15-20-L-3-DFT-QPSK-Outer_Full-100@0-Ant3-1850.00-25.74--38.74-PASS



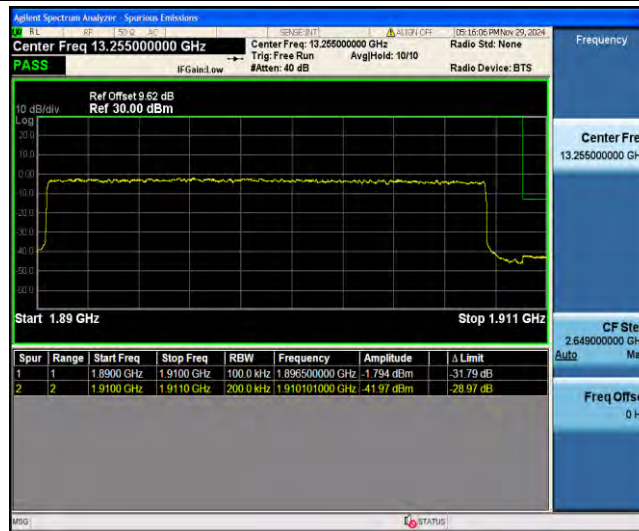
1-N2-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1850.00-26.03--39.03-PASS



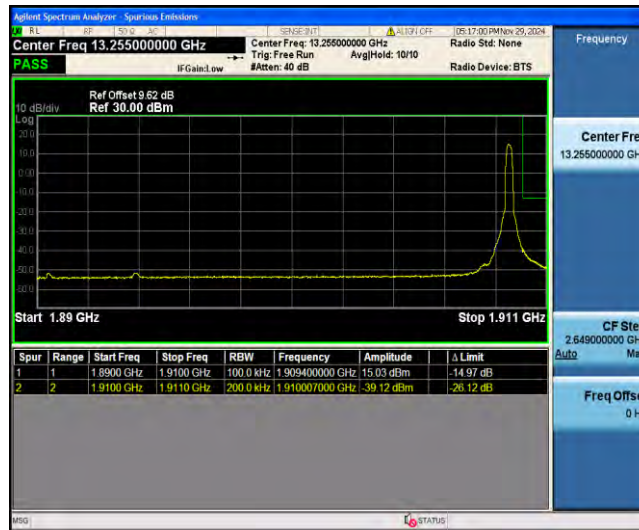
1-N2-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant3-1849.92-28.58--41.58-PASS



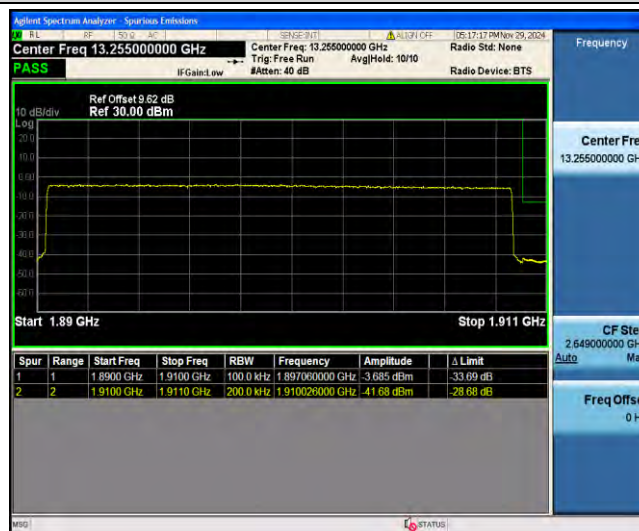
1-N2-PC3-15-20-H-2-DFT-QPSK-Edge_1RB_Right-1@105-Ant3-1910.00-23.88--36.88-PASS



1-N2-PC3-15-20-H-3-DFT-QPSK-Outer_Full-100@0-Ant3-1910.10-28.97--41.97-PASS



1-N2-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant3-1910.01-26.12--39.12-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant3-1910.03-28.68--41.68-PASS

Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result (dBm)	Limit (dBm)	Verdict
N2	15	20	DFT-QPSK	L	0.009	0.15	1@0	-66.54	-43	PASS
N2	15	20	DFT-QPSK	L	0.15	30	1@0	-67.61	-33	PASS
N2	15	20	DFT-QPSK	L	30	1000	1@0	-56.26	-23	PASS
N2	15	20	DFT-QPSK	L	1000	3000	1@0	-39.11	-13	PASS
N2	15	20	DFT-QPSK	L	3000	12000	1@0	-42.09	-13	PASS
N2	15	20	DFT-QPSK	L	12000	20000	1@0	-44.13	-13	PASS
N2	15	20	DFT-QPSK	M	0.009	0.15	1@0	-66.25	-43	PASS
N2	15	20	DFT-QPSK	M	0.15	30	1@0	-68.19	-33	PASS
N2	15	20	DFT-QPSK	M	30	1000	1@0	-56.44	-23	PASS
N2	15	20	DFT-QPSK	M	1000	3000	1@0	-40.94	-13	PASS
N2	15	20	DFT-QPSK	M	3000	12000	1@0	-43.51	-13	PASS
N2	15	20	DFT-QPSK	M	12000	20000	1@0	-44.26	-13	PASS
N2	15	20	DFT-QPSK	H	0.009	0.15	1@0	-66.08	-43	PASS
N2	15	20	DFT-QPSK	H	0.15	30	1@0	-66.89	-33	PASS
N2	15	20	DFT-QPSK	H	30	1000	1@0	-56.32	-23	PASS
N2	15	20	DFT-QPSK	H	1000	3000	1@0	-40.84	-13	PASS
N2	15	20	DFT-QPSK	H	3000	12000	1@0	-41.80	-13	PASS
N2	15	20	DFT-QPSK	H	12000	20000	1@0	-44.16	-13	PASS

Test Graphs



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant3-0.01--66.54--43-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant3-0.15--67.61--33-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant3-860.22--56.26--23-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant3-1848.40--39.11--13-PASS



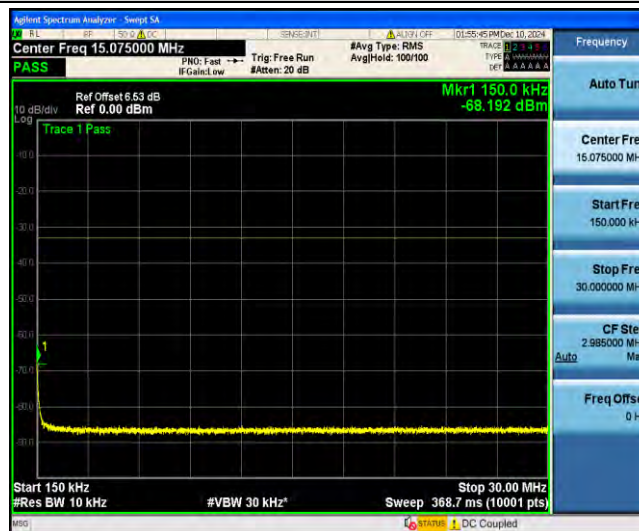
1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant3-5551.50--42.09--13-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant3-18778.80--44.13--13-PAS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant3-0.03--66.25--43-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant3-0.15--68.19--33-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant3-897.47--56.44--23-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant3-2664.20--40.94--13-PASS



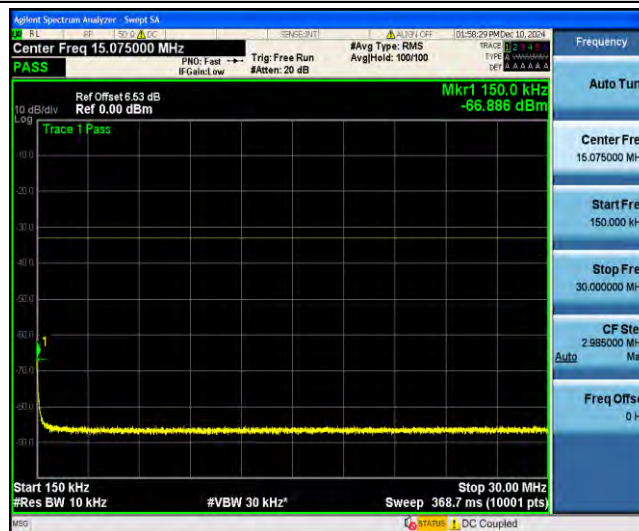
1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant3-5611.80--43.51--13-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant3-18768.80--44.26--13-PA



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant3-0.01--66.08--43-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant3-0.15--66.89--33-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant3-886.41--56.32--23-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant3-2669.20--40.84--13-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant3-5671.65--41.80--13-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant3-18761.60--44.16--13-PAS

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	NV	NT	-6.39	-0.00340	PASS
N2	15	20	DFT-QPSK	M	100@0	LV	NT	-6.31	-0.00336	PASS
N2	15	20	DFT-QPSK	M	100@0	HV	NT	-6.29	-0.00335	PASS
N2	15	20	CP-QPSK	M	106@0	NV	NT	0.19	0.00010	PASS
N2	15	20	CP-QPSK	M	106@0	LV	NT	-1.52	-0.00081	PASS
N2	15	20	CP-QPSK	M	106@0	HV	NT	-1.86	-0.00099	PASS

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	-20	-6.697000	-0.003562	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	50	-8.008000	-0.004260	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	40	-6.637000	-0.003530	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	10	-8.122000	-0.004320	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	-10	-7.139000	-0.003797	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	-30	-7.001000	-0.003724	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	30	-7.948000	-0.004228	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	0	-8.018000	-0.004265	PASS
N2	15	20	DFT-QPSK	M	100@0	NV	20	-5.381000	-0.002862	PASS
N2	15	20	CP-QPSK	M	106@0	NV	0	-2.486000	-0.001322	PASS
N2	15	20	CP-QPSK	M	106@0	NV	10	-0.136000	-0.000072	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-10	-2.828000	-0.001504	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-20	-0.313000	-0.000166	PASS
N2	15	20	CP-QPSK	M	106@0	NV	50	0.231000	0.000123	PASS
N2	15	20	CP-QPSK	M	106@0	NV	30	-0.799000	-0.000425	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-30	-0.864000	-0.000460	PASS
N2	15	20	CP-QPSK	M	106@0	NV	40	-2.737000	-0.001456	PASS
N2	15	20	CP-QPSK	M	106@0	NV	20	-2.998000	-0.001595	PASS

Field Strength of Spurious Radiation

NR N2 ANT4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-53.65	-13	-40.65	-58.51	3.58	8.44	Horizontal	Pass
5553.0	-60.54	-13	-47.54	-66.25	4.74	10.45	Horizontal	Pass
7404.0	-60.73	-13	-47.73	-67.41	4.94	11.62	Horizontal	Pass
3702.0	-56.23	-13	-43.23	-61.09	3.58	8.44	Vertical	Pass
5553.0	-60.93	-13	-47.93	-66.64	4.74	10.45	Vertical	Pass
7404.0	-60.81	-13	-47.81	-67.49	4.94	11.62	Vertical	Pass

NR N2 ANT4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-66.86	-13	-53.86	-71.74	3.61	8.49	Horizontal	Pass
5613.0	-62.76	-13	-49.76	-68.47	4.74	10.45	Horizontal	Pass
7484.0	-60.67	-13	-47.67	-67.45	4.94	11.72	Horizontal	Pass
3742.0	-66.99	-13	-53.99	-71.87	3.61	8.49	Vertical	Pass
5613.0	-63.0	-13	-50.0	-68.71	4.74	10.45	Vertical	Pass
7484.0	-61.02	-13	-48.02	-67.8	4.94	11.72	Vertical	Pass

NR N2 ANT4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-66.13	-13	-53.13	-71.03	3.65	8.55	Horizontal	Pass
5673.0	-62.48	-13	-49.48	-68.18	4.75	10.45	Horizontal	Pass
7564.0	-59.8	-13	-46.8	-66.67	4.95	11.82	Horizontal	Pass
3782.0	-66.83	-13	-53.83	-71.73	3.65	8.55	Vertical	Pass
5673.0	-62.56	-13	-49.56	-68.26	4.75	10.45	Vertical	Pass
7564.0	-60.43	-13	-47.43	-67.3	4.95	11.82	Vertical	Pass