

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant 41

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	5	DFT-PI2BPSK	L	1@1	22.47	21.25	33	PASS
N2	15	5	DFT-PI2BPSK	L	1@23	22.40	21.18	33	PASS
N2	15	5	DFT-PI2BPSK	L	25@0	22.08	20.86	33	PASS
N2	15	5	DFT-QPSK	L	1@1	22.51	21.29	33	PASS
N2	15	5	DFT-QPSK	L	1@23	22.37	21.15	33	PASS
N2	15	5	DFT-QPSK	L	25@0	21.78	20.56	33	PASS
N2	15	5	DFT-16QAM	L	1@1	21.79	20.57	33	PASS
N2	15	5	DFT-16QAM	L	1@23	21.65	20.43	33	PASS
N2	15	5	DFT-16QAM	L	25@0	21.05	19.83	33	PASS
N2	15	5	DFT-64QAM	L	1@1	20.61	19.39	33	PASS
N2	15	5	DFT-64QAM	L	1@23	20.45	19.23	33	PASS
N2	15	5	DFT-64QAM	L	25@0	20.47	19.25	33	PASS
N2	15	5	DFT-256QAM	L	1@1	19.39	18.17	33	PASS
N2	15	5	DFT-256QAM	L	1@23	19.22	18	33	PASS
N2	15	5	DFT-256QAM	L	25@0	19.53	18.31	33	PASS
N2	15	5	DFT-PI2BPSK	M	1@1	22.89	21.67	33	PASS
N2	15	5	DFT-PI2BPSK	M	1@23	22.79	21.57	33	PASS
N2	15	5	DFT-PI2BPSK	M	25@0	22.43	21.21	33	PASS
N2	15	5	DFT-QPSK	M	1@1	22.96	21.74	33	PASS
N2	15	5	DFT-QPSK	M	1@23	22.88	21.66	33	PASS
N2	15	5	DFT-QPSK	M	25@0	22.15	20.93	33	PASS
N2	15	5	DFT-16QAM	M	1@1	22.11	20.89	33	PASS
N2	15	5	DFT-16QAM	M	1@23	22.04	20.82	33	PASS
N2	15	5	DFT-16QAM	M	25@0	21.46	20.24	33	PASS
N2	15	5	DFT-64QAM	M	1@1	20.87	19.65	33	PASS
N2	15	5	DFT-64QAM	M	1@23	20.85	19.63	33	PASS
N2	15	5	DFT-64QAM	M	25@0	20.90	19.68	33	PASS
N2	15	5	DFT-256QAM	M	1@1	19.77	18.55	33	PASS
N2	15	5	DFT-256QAM	M	1@23	19.60	18.38	33	PASS
N2	15	5	DFT-256QAM	M	25@0	19.89	18.67	33	PASS
N2	15	5	DFT-PI2BPSK	H	1@1	22.85	21.63	33	PASS
N2	15	5	DFT-PI2BPSK	H	1@23	22.81	21.59	33	PASS
N2	15	5	DFT-PI2BPSK	H	25@0	22.48	21.26	33	PASS
N2	15	5	DFT-QPSK	H	1@1	22.86	21.64	33	PASS
N2	15	5	DFT-QPSK	H	1@23	22.79	21.57	33	PASS
N2	15	5	DFT-QPSK	H	25@0	22.14	20.92	33	PASS

N2	15	5	DFT-16QAM	H	1@1	22.17	20.95	33	PASS
N2	15	5	DFT-16QAM	H	1@23	22.01	20.79	33	PASS
N2	15	5	DFT-16QAM	H	25@0	21.44	20.22	33	PASS
N2	15	5	DFT-64QAM	H	1@1	20.95	19.73	33	PASS
N2	15	5	DFT-64QAM	H	1@23	20.83	19.61	33	PASS
N2	15	5	DFT-64QAM	H	25@0	20.86	19.64	33	PASS
N2	15	5	DFT-256QAM	H	1@1	19.69	18.47	33	PASS
N2	15	5	DFT-256QAM	H	1@23	19.64	18.42	33	PASS
N2	15	5	DFT-256QAM	H	25@0	19.89	18.67	33	PASS
N2	15	10	DFT-PI2BPSK	L	1@1	22.61	21.39	33	PASS
N2	15	10	DFT-PI2BPSK	L	1@50	22.52	21.3	33	PASS
N2	15	10	DFT-PI2BPSK	L	50@0	22.15	20.93	33	PASS
N2	15	10	DFT-QPSK	L	1@1	22.62	21.4	33	PASS
N2	15	10	DFT-QPSK	L	1@50	22.56	21.34	33	PASS
N2	15	10	DFT-QPSK	L	50@0	21.87	20.65	33	PASS
N2	15	10	DFT-16QAM	L	1@1	21.89	20.67	33	PASS
N2	15	10	DFT-16QAM	L	1@50	21.76	20.54	33	PASS
N2	15	10	DFT-16QAM	L	50@0	21.18	19.96	33	PASS
N2	15	10	DFT-64QAM	L	1@1	20.74	19.52	33	PASS
N2	15	10	DFT-64QAM	L	1@50	20.59	19.37	33	PASS
N2	15	10	DFT-64QAM	L	50@0	20.51	19.29	33	PASS
N2	15	10	DFT-256QAM	L	1@1	19.47	18.25	33	PASS
N2	15	10	DFT-256QAM	L	1@50	19.33	18.11	33	PASS
N2	15	10	DFT-256QAM	L	50@0	19.63	18.41	33	PASS
N2	15	10	DFT-PI2BPSK	M	1@1	22.80	21.58	33	PASS
N2	15	10	DFT-PI2BPSK	M	1@50	22.80	21.58	33	PASS
N2	15	10	DFT-PI2BPSK	M	50@0	22.46	21.24	33	PASS
N2	15	10	DFT-QPSK	M	1@1	22.90	21.68	33	PASS
N2	15	10	DFT-QPSK	M	1@50	22.76	21.54	33	PASS
N2	15	10	DFT-QPSK	M	50@0	22.21	20.99	33	PASS
N2	15	10	DFT-16QAM	M	1@1	22.06	20.84	33	PASS
N2	15	10	DFT-16QAM	M	1@50	22.03	20.81	33	PASS
N2	15	10	DFT-16QAM	M	50@0	21.49	20.27	33	PASS
N2	15	10	DFT-64QAM	M	1@1	20.88	19.66	33	PASS
N2	15	10	DFT-64QAM	M	1@50	20.91	19.69	33	PASS
N2	15	10	DFT-64QAM	M	50@0	20.84	19.62	33	PASS
N2	15	10	DFT-256QAM	M	1@1	19.64	18.42	33	PASS
N2	15	10	DFT-256QAM	M	1@50	19.60	18.38	33	PASS
N2	15	10	DFT-256QAM	M	50@0	19.80	18.58	33	PASS
N2	15	10	DFT-PI2BPSK	H	1@1	22.92	21.7	33	PASS
N2	15	10	DFT-PI2BPSK	H	1@50	22.87	21.65	33	PASS
N2	15	10	DFT-PI2BPSK	H	50@0	22.61	21.39	33	PASS
N2	15	10	DFT-QPSK	H	1@1	22.88	21.66	33	PASS

N2	15	10	DFT-QPSK	H	1@50	22.88	21.66	33	PASS
N2	15	10	DFT-QPSK	H	50@0	22.24	21.02	33	PASS
N2	15	10	DFT-16QAM	H	1@1	22.16	20.94	33	PASS
N2	15	10	DFT-16QAM	H	1@50	22.11	20.89	33	PASS
N2	15	10	DFT-16QAM	H	50@0	21.53	20.31	33	PASS
N2	15	10	DFT-64QAM	H	1@1	20.85	19.63	33	PASS
N2	15	10	DFT-64QAM	H	1@50	20.92	19.7	33	PASS
N2	15	10	DFT-64QAM	H	50@0	20.74	19.52	33	PASS
N2	15	10	DFT-256QAM	H	1@1	19.67	18.45	33	PASS
N2	15	10	DFT-256QAM	H	1@50	19.68	18.46	33	PASS
N2	15	10	DFT-256QAM	H	50@0	19.96	18.74	33	PASS
N2	15	15	DFT-PI2BPSK	L	1@1	22.79	21.57	33	PASS
N2	15	15	DFT-PI2BPSK	L	1@77	22.83	21.61	33	PASS
N2	15	15	DFT-PI2BPSK	L	75@0	22.34	21.12	33	PASS
N2	15	15	DFT-QPSK	L	1@1	22.74	21.52	33	PASS
N2	15	15	DFT-QPSK	L	1@77	22.80	21.58	33	PASS
N2	15	15	DFT-QPSK	L	75@0	21.93	20.71	33	PASS
N2	15	15	DFT-16QAM	L	1@1	21.95	20.73	33	PASS
N2	15	15	DFT-16QAM	L	1@77	21.93	20.71	33	PASS
N2	15	15	DFT-16QAM	L	75@0	21.28	20.06	33	PASS
N2	15	15	DFT-64QAM	L	1@1	20.80	19.58	33	PASS
N2	15	15	DFT-64QAM	L	1@77	20.70	19.48	33	PASS
N2	15	15	DFT-64QAM	L	75@0	20.60	19.38	33	PASS
N2	15	15	DFT-256QAM	L	1@1	19.54	18.32	33	PASS
N2	15	15	DFT-256QAM	L	1@77	19.50	18.28	33	PASS
N2	15	15	DFT-256QAM	L	75@0	19.74	18.52	33	PASS
N2	15	15	DFT-PI2BPSK	M	1@1	22.99	21.77	33	PASS
N2	15	15	DFT-PI2BPSK	M	1@77	22.91	21.69	33	PASS
N2	15	15	DFT-PI2BPSK	M	75@0	22.56	21.34	33	PASS
N2	15	15	DFT-QPSK	M	1@1	23.05	21.83	33	PASS
N2	15	15	DFT-QPSK	M	1@77	22.86	21.64	33	PASS
N2	15	15	DFT-QPSK	M	75@0	22.29	21.07	33	PASS
N2	15	15	DFT-16QAM	M	1@1	22.23	21.01	33	PASS
N2	15	15	DFT-16QAM	M	1@77	22.14	20.92	33	PASS
N2	15	15	DFT-16QAM	M	75@0	21.64	20.42	33	PASS
N2	15	15	DFT-64QAM	M	1@1	20.99	19.77	33	PASS
N2	15	15	DFT-64QAM	M	1@77	20.90	19.68	33	PASS
N2	15	15	DFT-64QAM	M	75@0	20.88	19.66	33	PASS
N2	15	15	DFT-256QAM	M	1@1	19.79	18.57	33	PASS
N2	15	15	DFT-256QAM	M	1@77	19.67	18.45	33	PASS
N2	15	15	DFT-256QAM	M	75@0	20.04	18.82	33	PASS
N2	15	15	DFT-PI2BPSK	H	1@1	22.83	21.61	33	PASS
N2	15	15	DFT-PI2BPSK	H	1@77	22.91	21.69	33	PASS

N2	15	15	DFT-PI2BPSK	H	75@0	22.44	21.22	33	PASS
N2	15	15	DFT-QPSK	H	1@1	22.81	21.59	33	PASS
N2	15	15	DFT-QPSK	H	1@77	22.87	21.65	33	PASS
N2	15	15	DFT-QPSK	H	75@0	22.11	20.89	33	PASS
N2	15	15	DFT-16QAM	H	1@1	22.01	20.79	33	PASS
N2	15	15	DFT-16QAM	H	1@77	22.08	20.86	33	PASS
N2	15	15	DFT-16QAM	H	75@0	21.47	20.25	33	PASS
N2	15	15	DFT-64QAM	H	1@1	20.82	19.6	33	PASS
N2	15	15	DFT-64QAM	H	1@77	20.95	19.73	33	PASS
N2	15	15	DFT-64QAM	H	75@0	20.76	19.54	33	PASS
N2	15	15	DFT-256QAM	H	1@1	19.62	18.4	33	PASS
N2	15	15	DFT-256QAM	H	1@77	19.67	18.45	33	PASS
N2	15	15	DFT-256QAM	H	75@0	19.89	18.67	33	PASS
N2	15	20	DFT-PI2BPSK	L	1@1	22.69	21.47	33	PASS
N2	15	20	DFT-PI2BPSK	L	1@104	23.02	21.8	33	PASS
N2	15	20	DFT-PI2BPSK	L	100@0	22.28	21.06	33	PASS
N2	15	20	DFT-QPSK	L	1@1	22.66	21.44	33	PASS
N2	15	20	DFT-QPSK	L	1@104	22.95	21.73	33	PASS
N2	15	20	DFT-QPSK	L	100@0	22.02	20.8	33	PASS
N2	15	20	DFT-16QAM	L	1@1	22.04	20.82	33	PASS
N2	15	20	DFT-16QAM	L	1@104	22.06	20.84	33	PASS
N2	15	20	DFT-16QAM	L	100@0	21.39	20.17	33	PASS
N2	15	20	DFT-64QAM	L	1@1	20.68	19.46	33	PASS
N2	15	20	DFT-64QAM	L	1@104	20.88	19.66	33	PASS
N2	15	20	DFT-64QAM	L	100@0	20.59	19.37	33	PASS
N2	15	20	DFT-256QAM	L	1@1	19.51	18.29	33	PASS
N2	15	20	DFT-256QAM	L	1@104	19.76	18.54	33	PASS
N2	15	20	DFT-256QAM	L	100@0	19.81	18.59	33	PASS
N2	15	20	DFT-PI2BPSK	M	1@1	23.04	21.82	33	PASS
N2	15	20	DFT-PI2BPSK	M	1@104	22.86	21.64	33	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	22.60	21.38	33	PASS
N2	15	20	DFT-QPSK	M	1@1	23.00	21.78	33	PASS
N2	15	20	DFT-QPSK	M	1@104	22.83	21.61	33	PASS
N2	15	20	DFT-QPSK	M	100@0	22.30	21.08	33	PASS
N2	15	20	DFT-16QAM	M	1@1	22.13	20.91	33	PASS
N2	15	20	DFT-16QAM	M	1@104	22.15	20.93	33	PASS
N2	15	20	DFT-16QAM	M	100@0	21.68	20.46	33	PASS
N2	15	20	DFT-64QAM	M	1@1	20.88	19.66	33	PASS
N2	15	20	DFT-64QAM	M	1@104	20.82	19.6	33	PASS
N2	15	20	DFT-64QAM	M	100@0	20.89	19.67	33	PASS
N2	15	20	DFT-256QAM	M	1@1	19.84	18.62	33	PASS
N2	15	20	DFT-256QAM	M	1@104	19.64	18.42	33	PASS
N2	15	20	DFT-256QAM	M	100@0	20.06	18.84	33	PASS

N2	15	20	DFT-PI2BPSK	H	1@1	22.84	21.62	33	PASS
N2	15	20	DFT-PI2BPSK	H	1@104	22.93	21.71	33	PASS
N2	15	20	DFT-PI2BPSK	H	100@0	22.42	21.2	33	PASS
N2	15	20	DFT-QPSK	H	1@1	22.84	21.62	33	PASS
N2	15	20	DFT-QPSK	H	1@104	22.87	21.65	33	PASS
N2	15	20	DFT-QPSK	H	100@0	22.16	20.94	33	PASS
N2	15	20	DFT-16QAM	H	1@1	22.11	20.89	33	PASS
N2	15	20	DFT-16QAM	H	1@104	22.09	20.87	33	PASS
N2	15	20	DFT-16QAM	H	100@0	21.52	20.3	33	PASS
N2	15	20	DFT-64QAM	H	1@1	20.86	19.64	33	PASS
N2	15	20	DFT-64QAM	H	1@104	20.93	19.71	33	PASS
N2	15	20	DFT-64QAM	H	100@0	20.75	19.53	33	PASS
N2	15	20	DFT-256QAM	H	1@1	19.67	18.45	33	PASS
N2	15	20	DFT-256QAM	H	1@104	19.95	18.73	33	PASS
N2	15	20	DFT-256QAM	H	100@0	19.96	18.74	33	PASS

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@0-6.33-PASS



1-N2-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-6.90-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-256QAM-Out_Full-100@0-6.44-PASS



1-N2-PC3-15-20-M-2-NS_01-CP-256QAM-Out_Full-106@0-7.02-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-256QAM-Out_Full-100@0-6.40-PASS



1-N2-PC3-15-20-H-2-NS_01-CP-256QAM-Outer_Full-106@0-6.89-PASS

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	4.4851	5.094	PASS
N2	15	5	DFT-PI2BPSK	L	25@0	4.5005	5.228	PASS
N2	15	5	DFT-16QAM	L	25@0	4.4954	5.279	PASS
N2	15	5	DFT-64QAM	L	25@0	4.4991	5.246	PASS
N2	15	5	DFT-256QAM	L	25@0	4.5072	5.153	PASS
N2	15	5	CP-QPSK	L	25@0	4.4983	5.099	PASS
N2	15	5	CP-16QAM	L	25@0	4.5296	5.209	PASS
N2	15	5	CP-64QAM	L	25@0	4.5062	5.092	PASS
N2	15	5	CP-256QAM	L	25@0	4.5138	5.280	PASS
N2	15	5	DFT-QPSK	M	25@0	4.4884	5.165	PASS
N2	15	5	DFT-PI2BPSK	M	25@0	4.4973	5.059	PASS
N2	15	5	DFT-16QAM	M	25@0	4.5118	5.185	PASS
N2	15	5	DFT-64QAM	M	25@0	4.5033	5.204	PASS
N2	15	5	DFT-256QAM	M	25@0	4.5153	5.221	PASS
N2	15	5	CP-QPSK	M	25@0	4.5022	5.215	PASS
N2	15	5	CP-16QAM	M	25@0	4.5237	5.194	PASS
N2	15	5	CP-64QAM	M	25@0	4.4744	5.149	PASS
N2	15	5	CP-256QAM	M	25@0	4.5036	5.207	PASS
N2	15	5	DFT-QPSK	H	25@0	4.4843	5.102	PASS
N2	15	5	DFT-PI2BPSK	H	25@0	4.4975	5.105	PASS
N2	15	5	DFT-16QAM	H	25@0	4.5176	5.287	PASS
N2	15	5	DFT-64QAM	H	25@0	4.4902	4.979	PASS
N2	15	5	DFT-256QAM	H	25@0	4.4969	5.246	PASS
N2	15	5	CP-QPSK	H	25@0	4.5112	5.317	PASS
N2	15	5	CP-16QAM	H	25@0	4.5423	5.411	PASS
N2	15	5	CP-64QAM	H	25@0	4.4828	5.126	PASS
N2	15	5	CP-256QAM	H	25@0	4.5141	5.121	PASS
N2	15	10	DFT-QPSK	L	50@0	8.9277	9.617	PASS
N2	15	10	DFT-PI2BPSK	L	50@0	8.8993	9.604	PASS
N2	15	10	DFT-16QAM	L	50@0	8.9233	9.606	PASS
N2	15	10	DFT-64QAM	L	50@0	8.9423	9.559	PASS
N2	15	10	DFT-256QAM	L	50@0	8.9095	9.633	PASS
N2	15	10	CP-QPSK	L	52@0	9.2926	10.06	PASS
N2	15	10	CP-16QAM	L	52@0	9.3045	9.907	PASS
N2	15	10	CP-64QAM	L	52@0	9.3005	10.00	PASS
N2	15	10	CP-256QAM	L	52@0	9.2840	10.04	PASS

N2	15	10	DFT-QPSK	M	50@0	8.9287	9.624	PASS
N2	15	10	DFT-PI2BPSK	M	50@0	8.9011	9.613	PASS
N2	15	10	DFT-16QAM	M	50@0	8.9052	9.496	PASS
N2	15	10	DFT-64QAM	M	50@0	8.9316	9.624	PASS
N2	15	10	DFT-256QAM	M	50@0	8.9030	9.652	PASS
N2	15	10	CP-QPSK	M	52@0	9.2856	10.02	PASS
N2	15	10	CP-16QAM	M	52@0	9.2941	10.13	PASS
N2	15	10	CP-64QAM	M	52@0	9.2904	10.06	PASS
N2	15	10	CP-256QAM	M	52@0	9.2948	9.998	PASS
N2	15	10	DFT-QPSK	H	50@0	8.9195	9.706	PASS
N2	15	10	DFT-PI2BPSK	H	50@0	8.9041	9.535	PASS
N2	15	10	DFT-16QAM	H	50@0	8.8964	9.503	PASS
N2	15	10	DFT-64QAM	H	50@0	8.9390	9.568	PASS
N2	15	10	DFT-256QAM	H	50@0	8.9092	9.623	PASS
N2	15	10	CP-QPSK	H	52@0	9.2876	10.04	PASS
N2	15	10	CP-16QAM	H	52@0	9.3037	10.10	PASS
N2	15	10	CP-64QAM	H	52@0	9.2762	10.00	PASS
N2	15	10	CP-256QAM	H	52@0	9.3023	10.01	PASS
N2	15	15	DFT-QPSK	L	75@0	13.512	14.51	PASS
N2	15	15	DFT-PI2BPSK	L	75@0	13.475	14.46	PASS
N2	15	15	DFT-16QAM	L	75@0	13.507	14.41	PASS
N2	15	15	DFT-64QAM	L	75@0	13.465	14.45	PASS
N2	15	15	DFT-256QAM	L	75@0	13.518	14.38	PASS
N2	15	15	CP-QPSK	L	79@0	14.141	15.17	PASS
N2	15	15	CP-16QAM	L	79@0	14.163	15.24	PASS
N2	15	15	CP-64QAM	L	79@0	14.175	14.95	PASS
N2	15	15	CP-256QAM	L	79@0	14.150	15.02	PASS
N2	15	15	DFT-QPSK	M	75@0	13.544	14.52	PASS
N2	15	15	DFT-PI2BPSK	M	75@0	13.484	14.44	PASS
N2	15	15	DFT-16QAM	M	75@0	13.484	14.53	PASS
N2	15	15	DFT-64QAM	M	75@0	13.470	14.50	PASS
N2	15	15	DFT-256QAM	M	75@0	13.457	14.42	PASS
N2	15	15	CP-QPSK	M	79@0	14.187	15.22	PASS
N2	15	15	CP-16QAM	M	79@0	14.136	15.19	PASS
N2	15	15	CP-64QAM	M	79@0	14.158	15.17	PASS
N2	15	15	CP-256QAM	M	79@0	14.176	15.18	PASS
N2	15	15	DFT-QPSK	H	75@0	13.477	14.56	PASS
N2	15	15	DFT-PI2BPSK	H	75@0	13.466	14.50	PASS
N2	15	15	DFT-16QAM	H	75@0	13.494	14.27	PASS
N2	15	15	DFT-64QAM	H	75@0	13.485	14.46	PASS
N2	15	15	DFT-256QAM	H	75@0	13.525	14.30	PASS
N2	15	15	CP-QPSK	H	79@0	14.126	15.12	PASS
N2	15	15	CP-16QAM	H	79@0	14.139	15.21	PASS

N2	15	15	CP-64QAM	H	79@0	14.160	15.05	PASS
N2	15	15	CP-256QAM	H	79@0	14.137	15.16	PASS
N2	15	20	DFT-QPSK	L	100@0	17.908	18.97	PASS
N2	15	20	DFT-PI2BPSK	L	100@0	17.906	18.75	PASS
N2	15	20	DFT-16QAM	L	100@0	17.894	18.89	PASS
N2	15	20	DFT-64QAM	L	100@0	17.895	19.02	PASS
N2	15	20	DFT-256QAM	L	100@0	17.912	18.92	PASS
N2	15	20	CP-QPSK	L	106@0	18.950	19.91	PASS
N2	15	20	CP-16QAM	L	106@0	18.949	19.90	PASS
N2	15	20	CP-64QAM	L	106@0	18.925	20.02	PASS
N2	15	20	CP-256QAM	L	106@0	18.980	19.82	PASS
N2	15	20	DFT-QPSK	M	100@0	17.900	18.92	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	17.918	18.87	PASS
N2	15	20	DFT-16QAM	M	100@0	17.911	18.86	PASS
N2	15	20	DFT-64QAM	M	100@0	17.940	19.00	PASS
N2	15	20	DFT-256QAM	M	100@0	17.899	18.99	PASS
N2	15	20	CP-QPSK	M	106@0	18.919	19.96	PASS
N2	15	20	CP-16QAM	M	106@0	18.976	20.10	PASS
N2	15	20	CP-64QAM	M	106@0	18.931	19.87	PASS
N2	15	20	CP-256QAM	M	106@0	18.989	20.15	PASS
N2	15	20	DFT-QPSK	H	100@0	17.894	19.03	PASS
N2	15	20	DFT-PI2BPSK	H	100@0	17.892	19.07	PASS
N2	15	20	DFT-16QAM	H	100@0	17.897	18.71	PASS
N2	15	20	DFT-64QAM	H	100@0	17.936	18.99	PASS
N2	15	20	DFT-256QAM	H	100@0	17.916	19.03	PASS
N2	15	20	CP-QPSK	H	106@0	18.949	19.92	PASS
N2	15	20	CP-16QAM	H	106@0	18.967	19.94	PASS
N2	15	20	CP-64QAM	H	106@0	18.885	19.83	PASS
N2	15	20	CP-256QAM	H	106@0	18.945	19.95	PASS

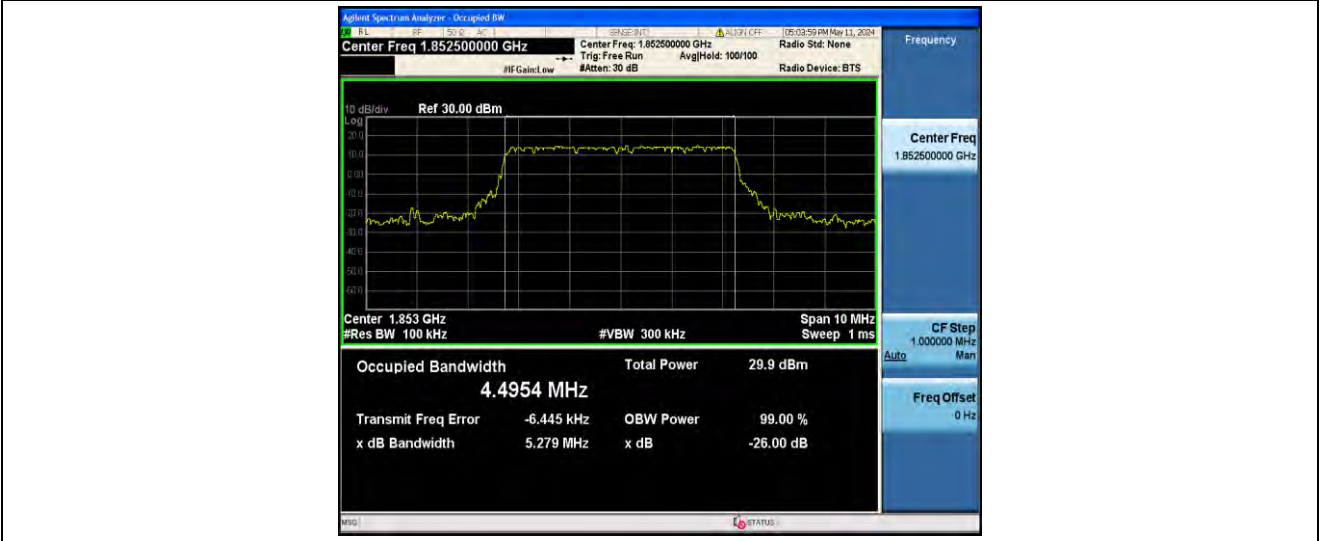
Test Graphs



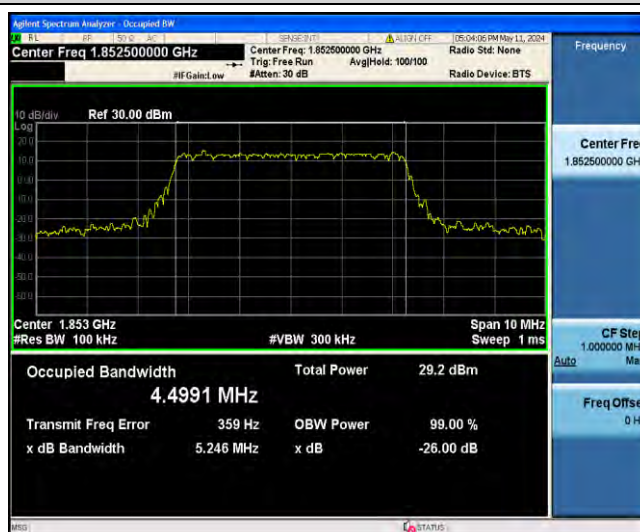
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1-N2-PC3-15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant41-4.5005-5.228-≤5-PASS



1-N2-PC3-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant41-4.4954-5.279-≤5-PASS



1-N2-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant41-4.4991-5.246-≤5-PASS



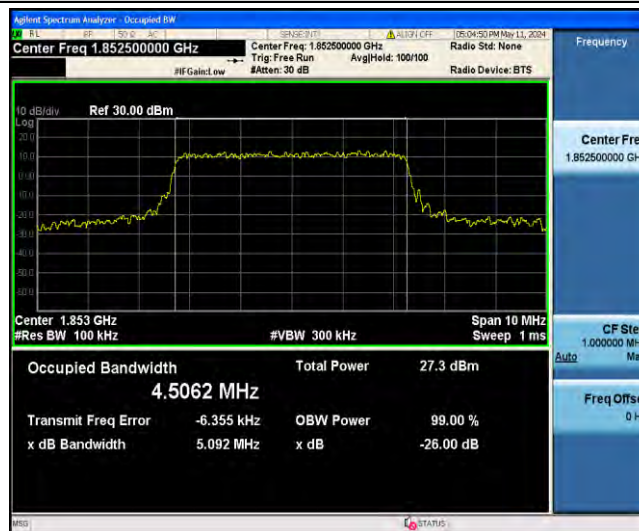
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1-N2-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant41-4.4983-5.099-≤5-PASS



1-N2-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant41-4.5296-5.209-≤5-PASS



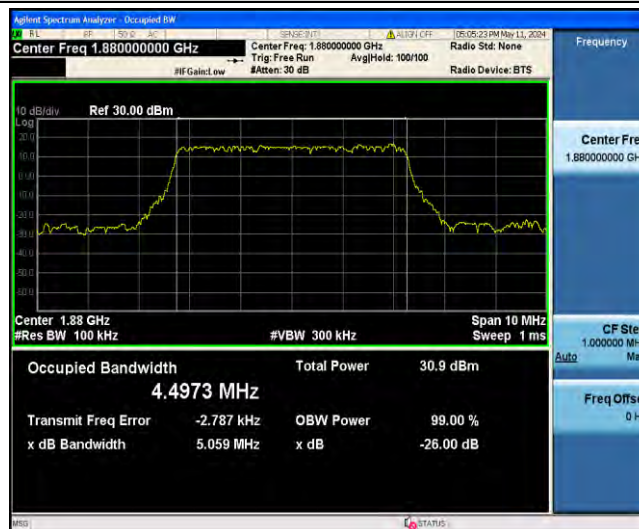
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1-N2-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant41-4.5138-5.280-≤5-PASS



1-N2-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant41-4.4884-5.165-≤5-PASS



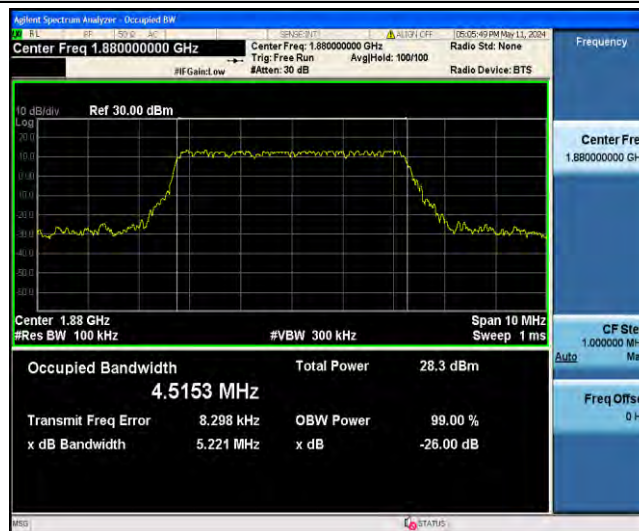
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1-N2-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant41-4.5118-5.185-≤5-PASS



1-N2-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant41-4.5033-5.204-≤5-PASS



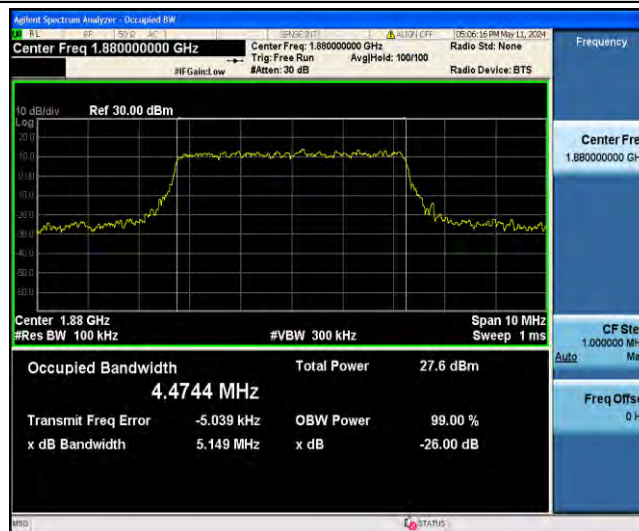
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1-N2-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant41-4.5022-5.215-≤5-PASS



1-N2-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant41-4.5237-5.194-≤5-PASS



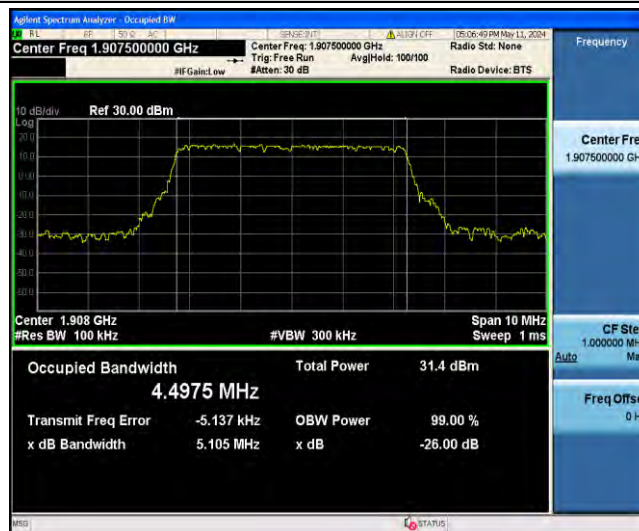
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1-N2-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant41-4.5036-5.207-≤5-PASS



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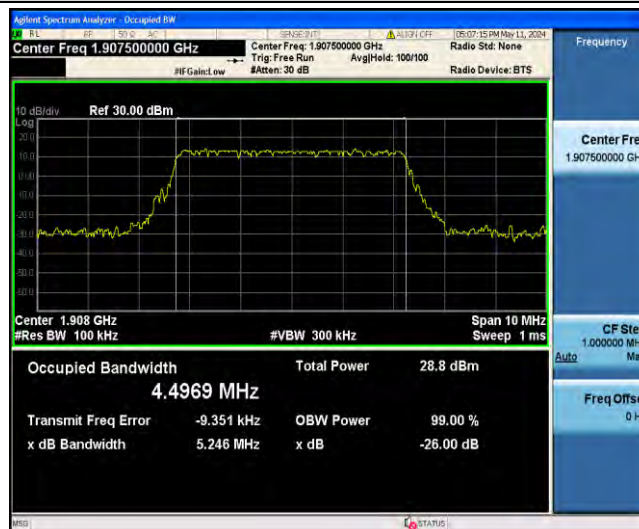
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1-N2-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant41-4.5176-5.287-≤5-PASS



1-N2-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant41-4.4902-4.979-≤5-PASS



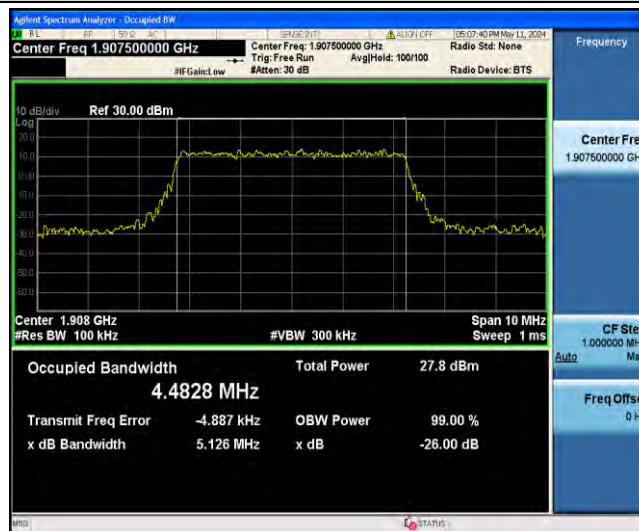
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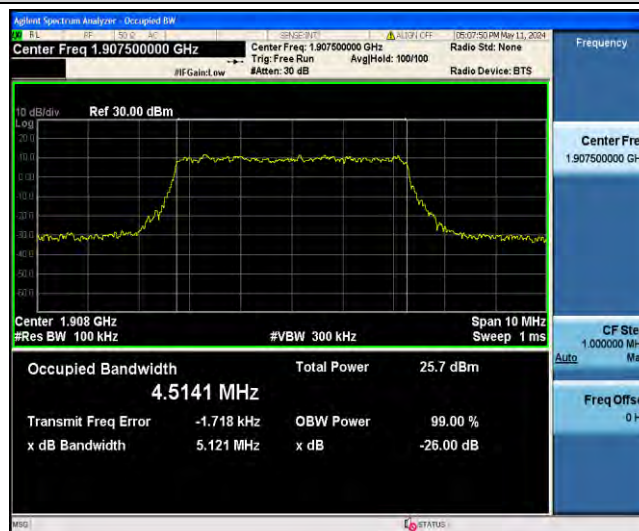
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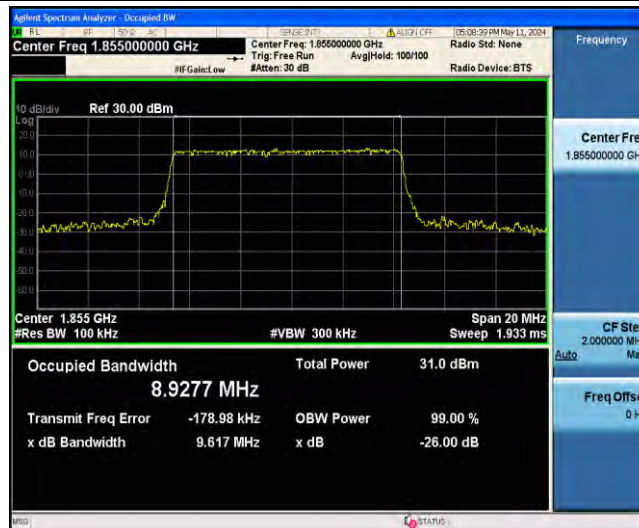
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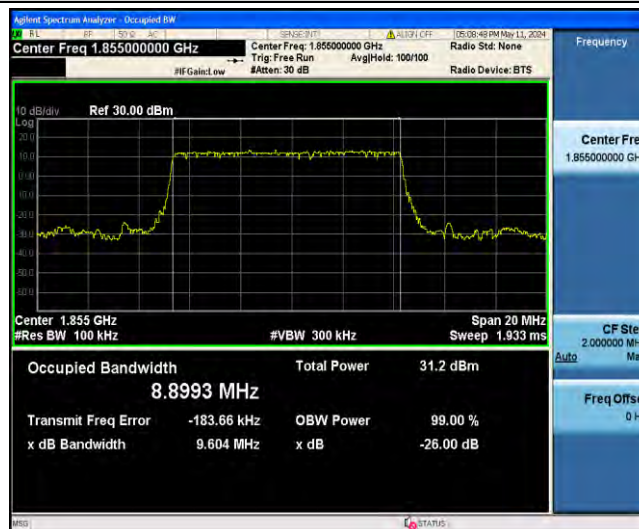
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1-N2-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant41-4.5141-5.121-≤5-PASS



1-N2-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant41-8.9277-9.617-≤10-PASS



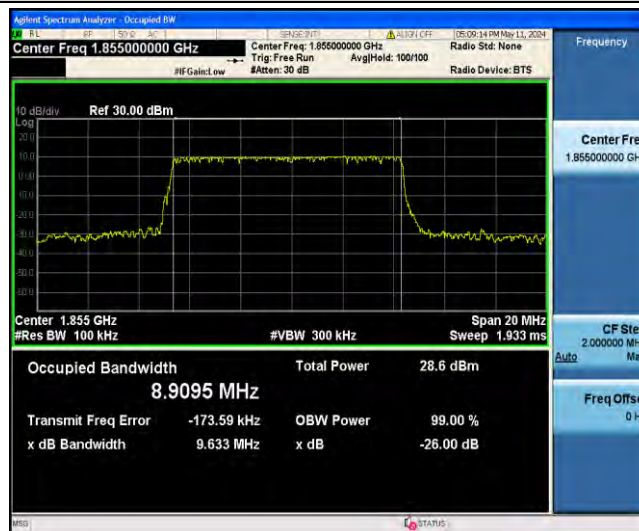
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1-N2-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant41-8.9233-9.606-≤10-PASS



1-N2-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant41-8.9423-9.559-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant41-8.9095-9.633-≤10-PASS



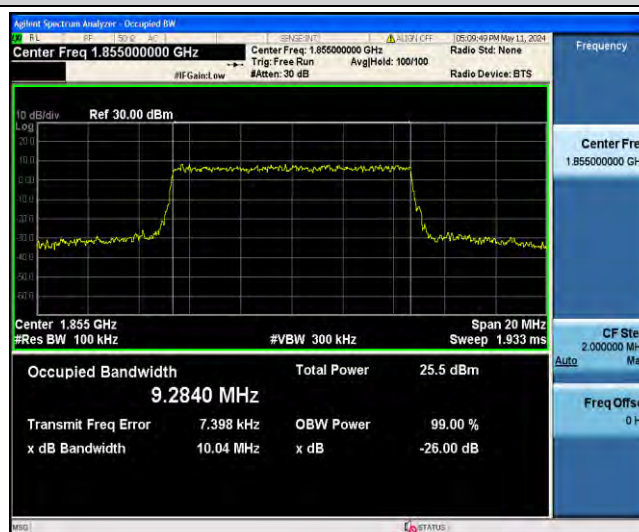
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1-N2-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant41-9.3045-9.907-≤10-PASS



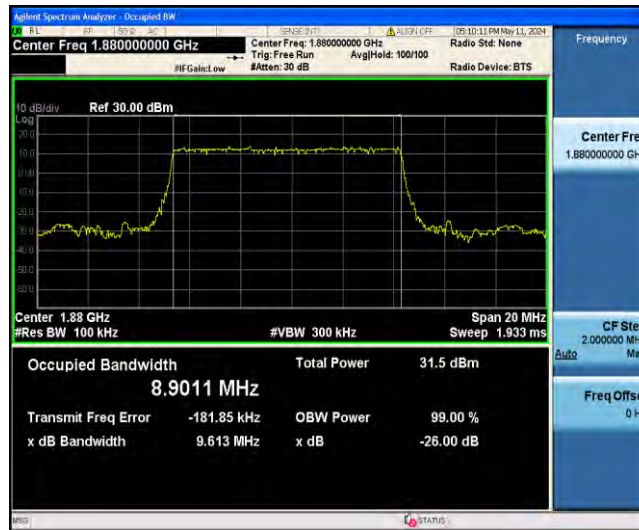
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1-N2-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant41-9.2840-10.04-≤10-PASS



1-N2-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant41-8.9287-9.624-≤10-PASS



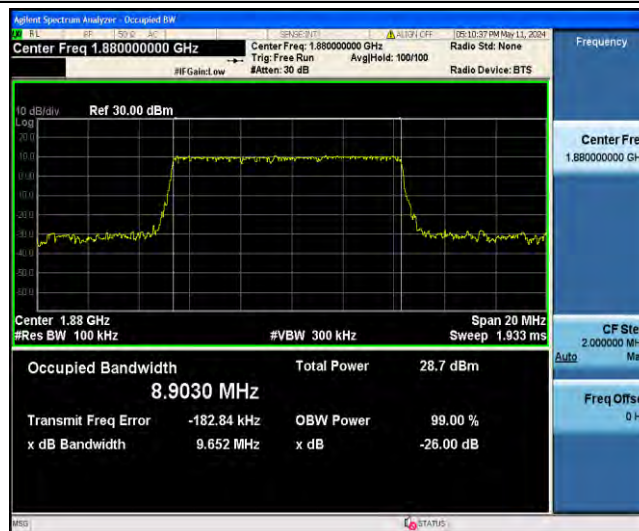
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1-N2-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant41-8.9052-9.496-≤10-PASS



1-N2-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant41-8.9316-9.624-≤10-PASS



1-N2-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant41-8.9030-9.652-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant41-9.2856-10.02-≤10-PASS



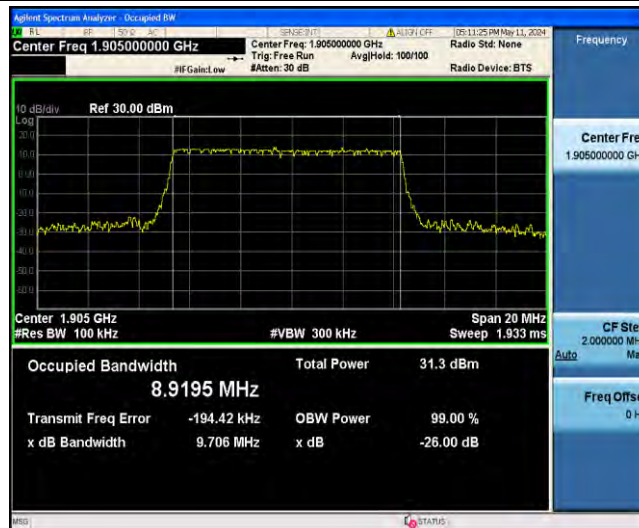
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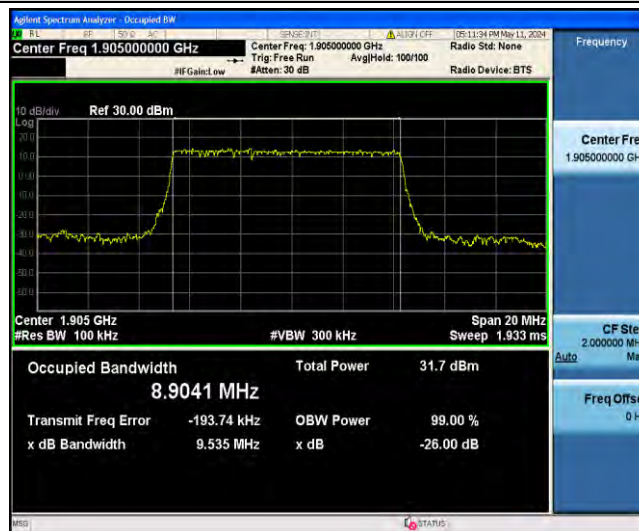
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1-N2-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant41-9.2948-9.998-≤10-PASS



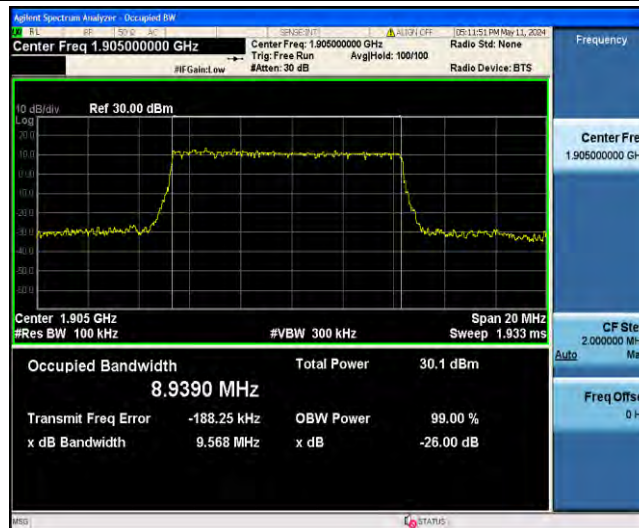
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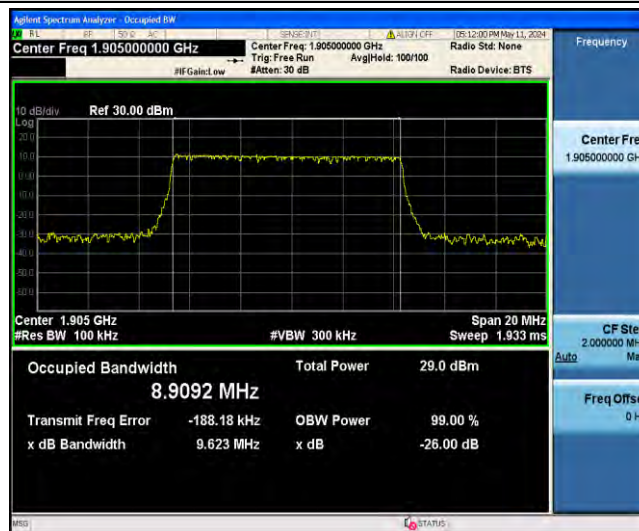
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1-N2-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant41-8.8964-9.503-≤10-PASS



1-N2-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant41-8.9390-9.568-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant41-8.9092-9.623-≤10-PASS



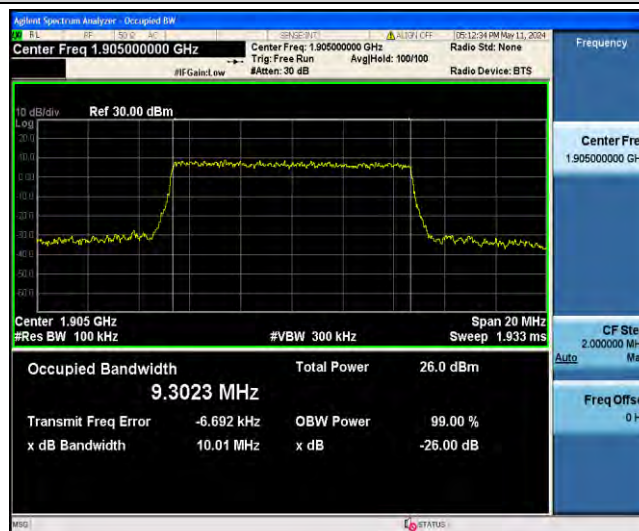
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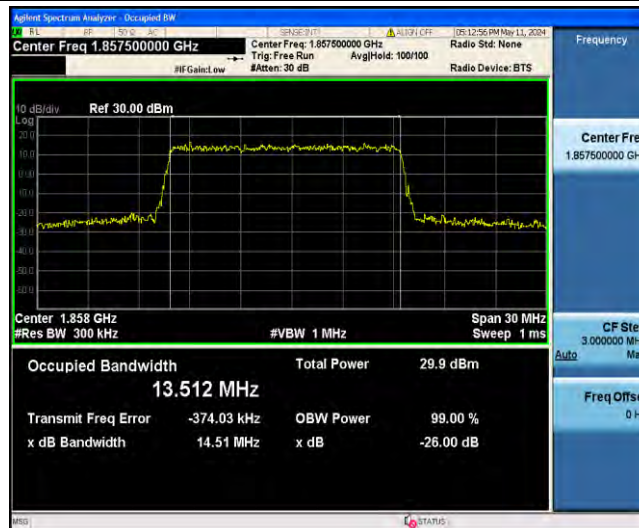
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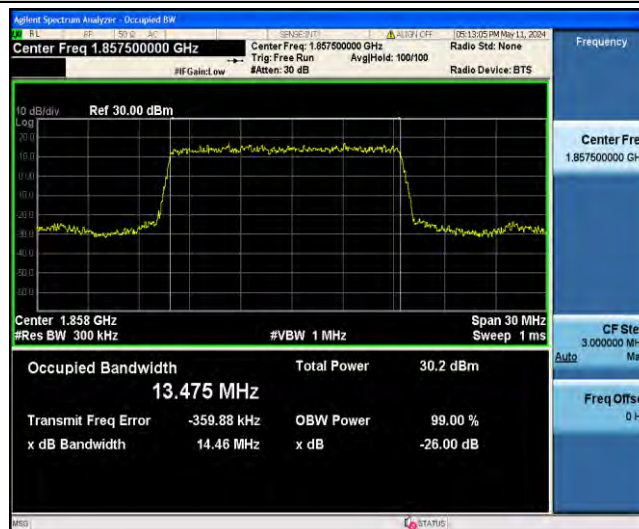
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1-N2-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant41-9.3023-10.01-≤10-PASS



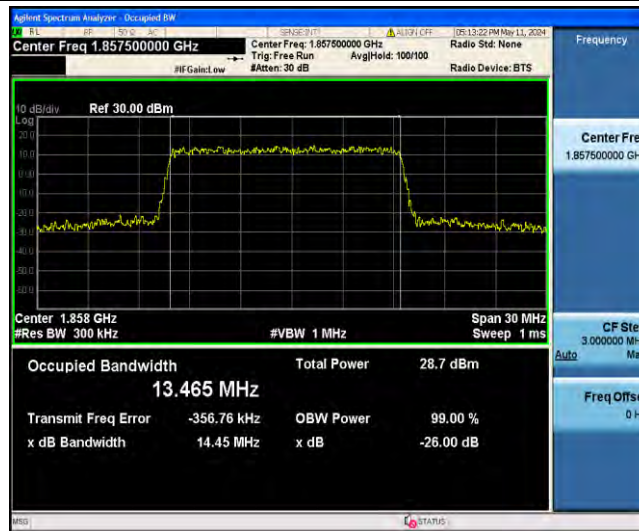
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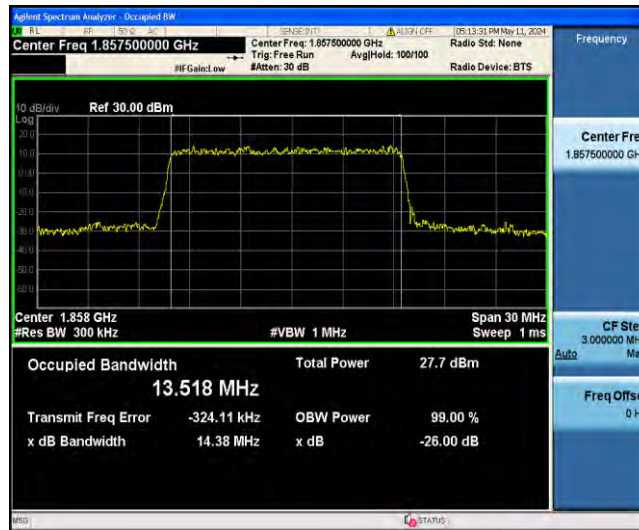
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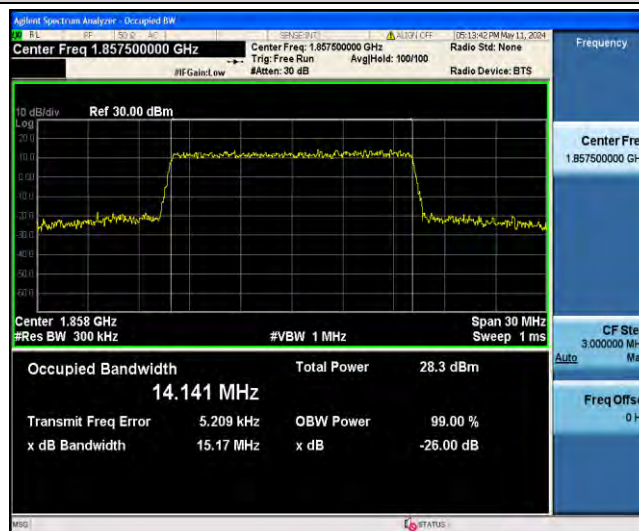
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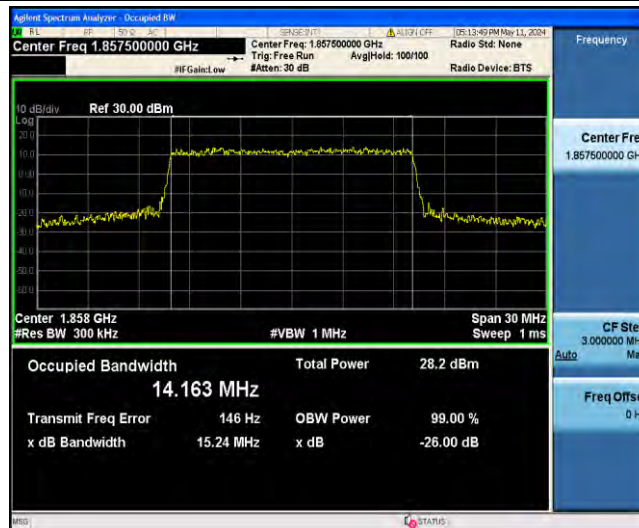
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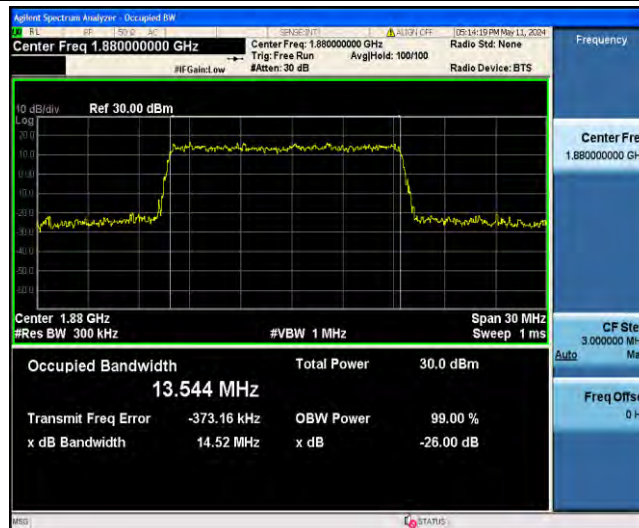
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1-N2-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant41-14.150-15.02-≤15-PASS



1-N2-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant41-13.544-14.52-≤15-PASS



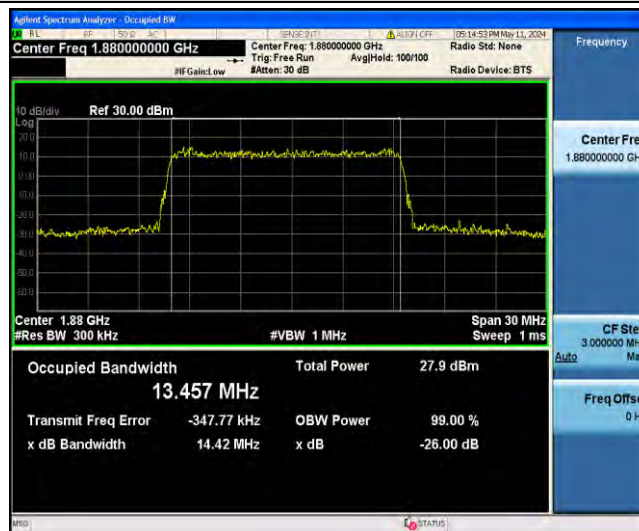
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1-N2-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant41-13.484-14.53-≤15-PASS



1-N2-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant41-13.470-14.50≤15-PASS



1-N2-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant41-13.457-14.42≤15-PASS



1-N2-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant41-14.187-15.22≤15-PASS



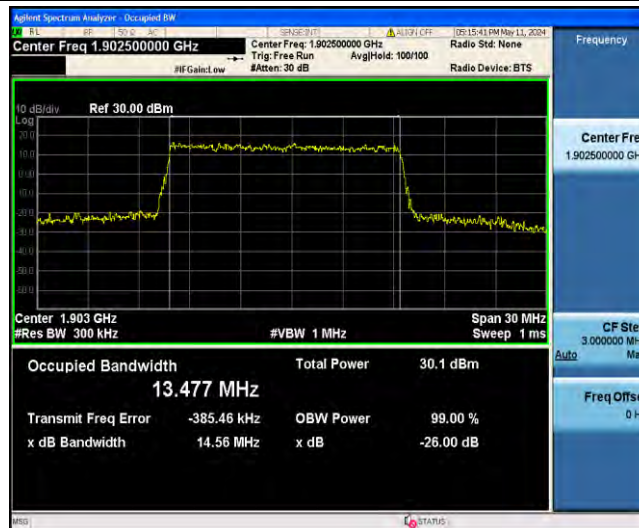
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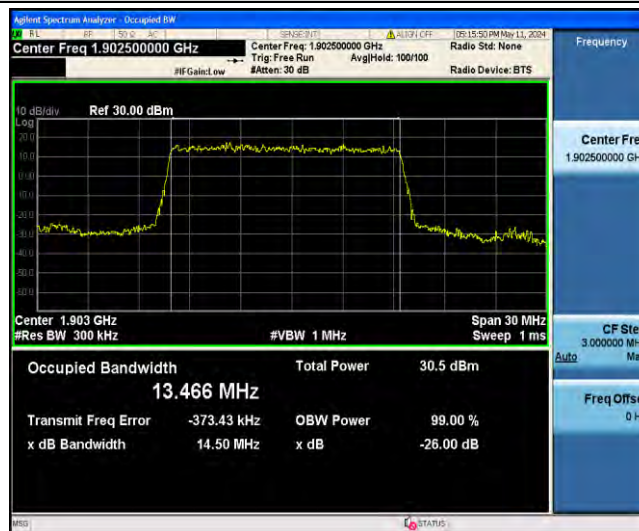
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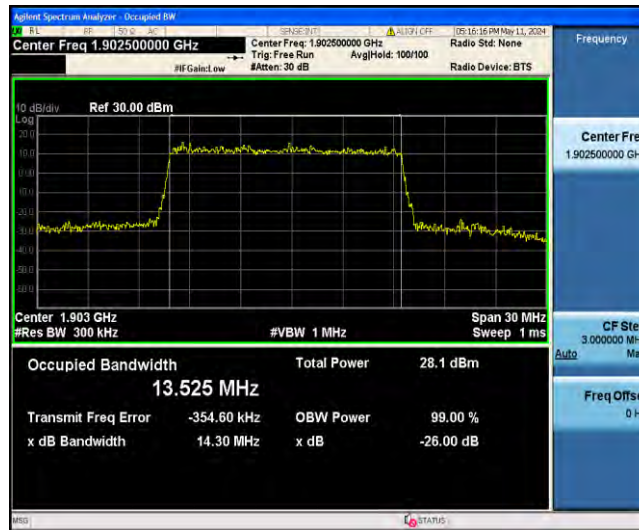
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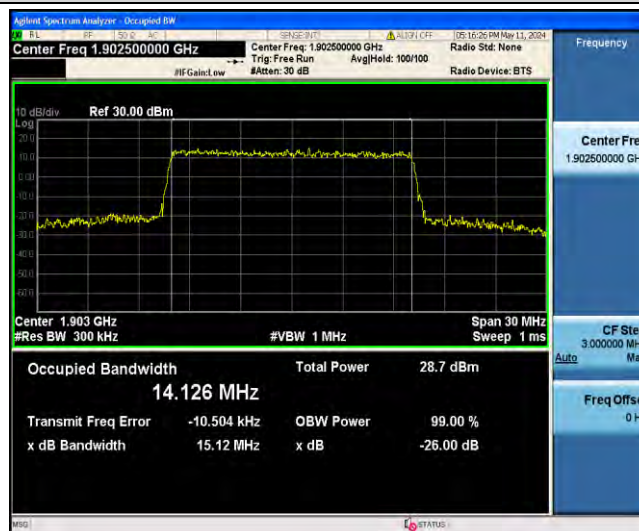
1-N2-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant41-13.494-14.27-≤15-PASS



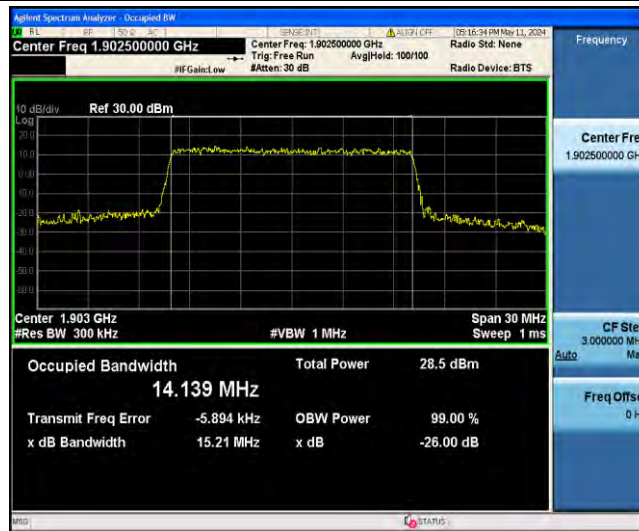
1-N2-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant41-13.485-14.46≤15-PASS



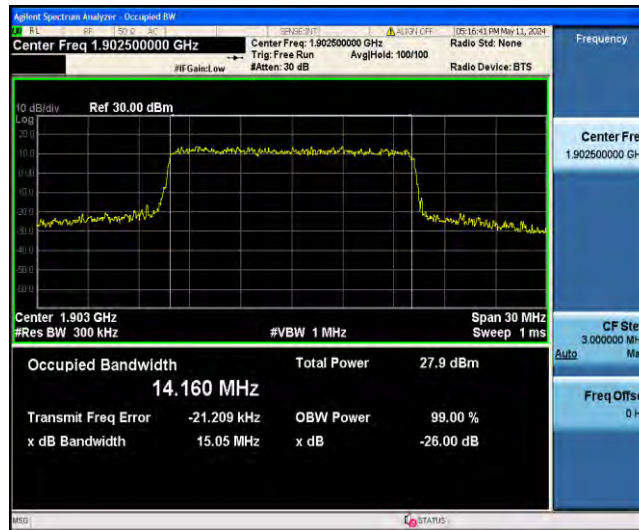
1-N2-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-Ant41-13.525-14.30≤15-PASS



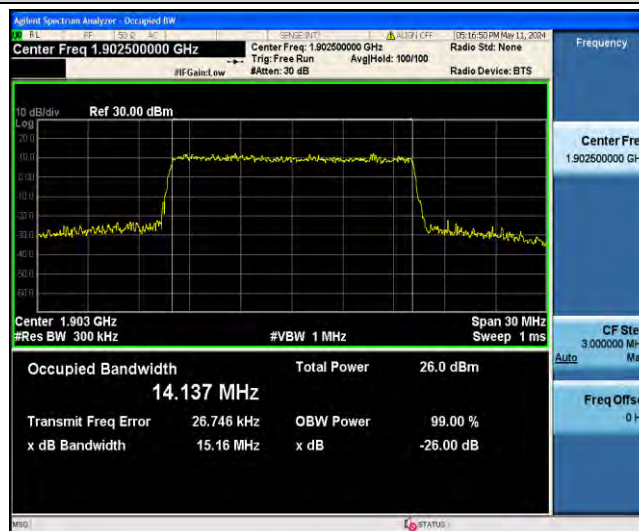
1-N2-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant41-14.126-15.12≤15-PASS



1-N2-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant41-14.139-15.21-≤15-PASS



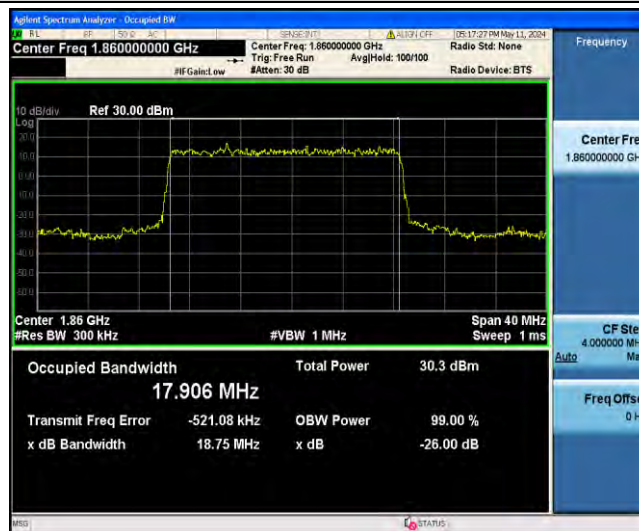
1-N2-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant41-14.160-15.05-≤15-PASS



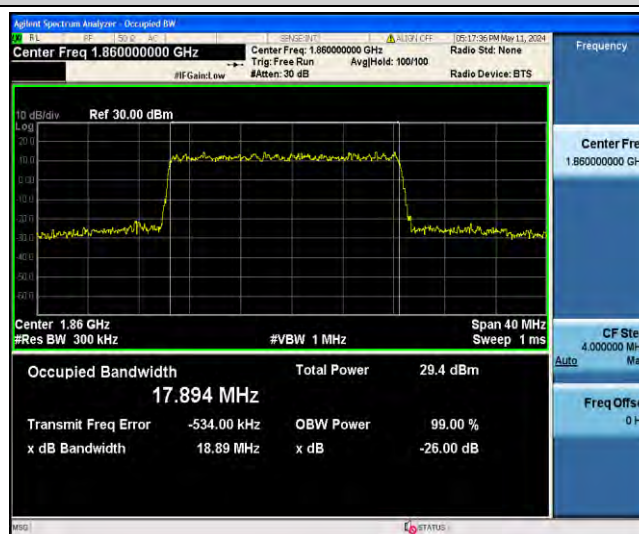
1-N2-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant41-14.137-15.16-≤15-PASS



1-N2-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant41-17.908-18.97-≤20-PASS



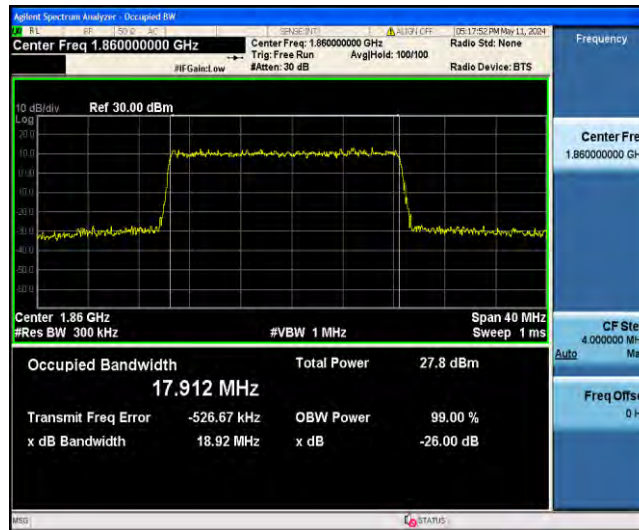
1-N2-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant41-17.906-18.75-≤20-PASS



1-N2-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant41-17.894-18.89-≤20-PASS



1-N2-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant41-17.895-19.02-≤20-PASS



1-N2-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant41-17.912-18.92-≤20-PASS



1-N2-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant41-18.950-19.91-≤20-PASS



1-N2-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant41-18.949-19.90-≤20-PASS



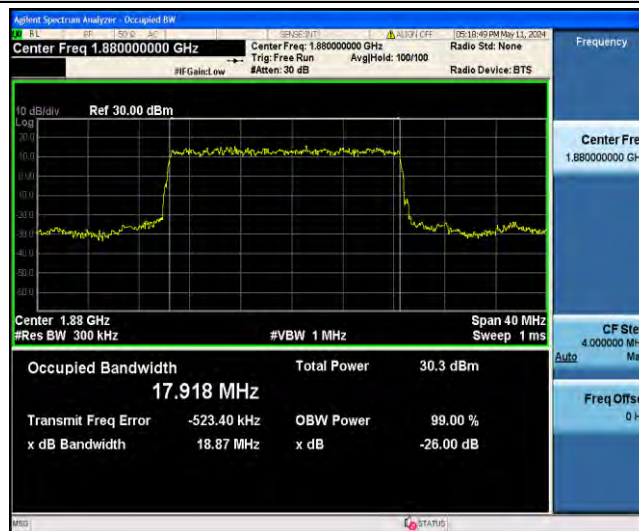
1-N2-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant41-18.925-20.02-≤20-PASS



1-N2-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant41-18.980-19.82-≤20-PASS



1-N2-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant41-17.900-18.92-≤20-PASS



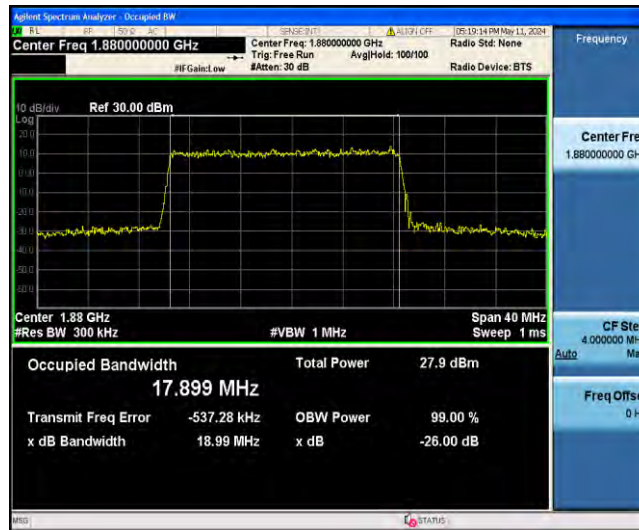
1-N2-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant41-17.918-18.87-≤20-PASS



1-N2-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant41-17.911-18.86-≤20-PASS



1-N2-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant41-17.940-19.00-≤20-PASS



1-N2-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant41-17.899-18.99-≤20-PASS



1-N2-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant41-18.919-19.96-≤20-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant41-18.976-20.10-≤20-PASS



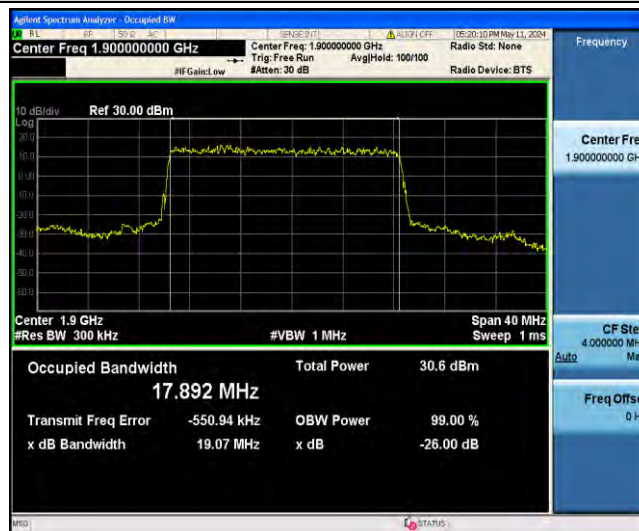
1-N2-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant41-18.931-19.87-≤20-PASS



1-N2-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant41-18.989-20.15-≤20-PASS



1-N2-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant41-17.894-19.03-≤20-PASS



1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant41-17.892-19.07-≤20-PASS



1-N2-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant41-17.897-18.71-≤20-PASS



1-N2-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant41-17.936-18.99-≤20-PASS



1-N2-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant41-17.916-19.03-≤20-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant41-18.949-19.92-≤20-PASS



1-N2-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant41-18.967-19.94-≤20-PASS



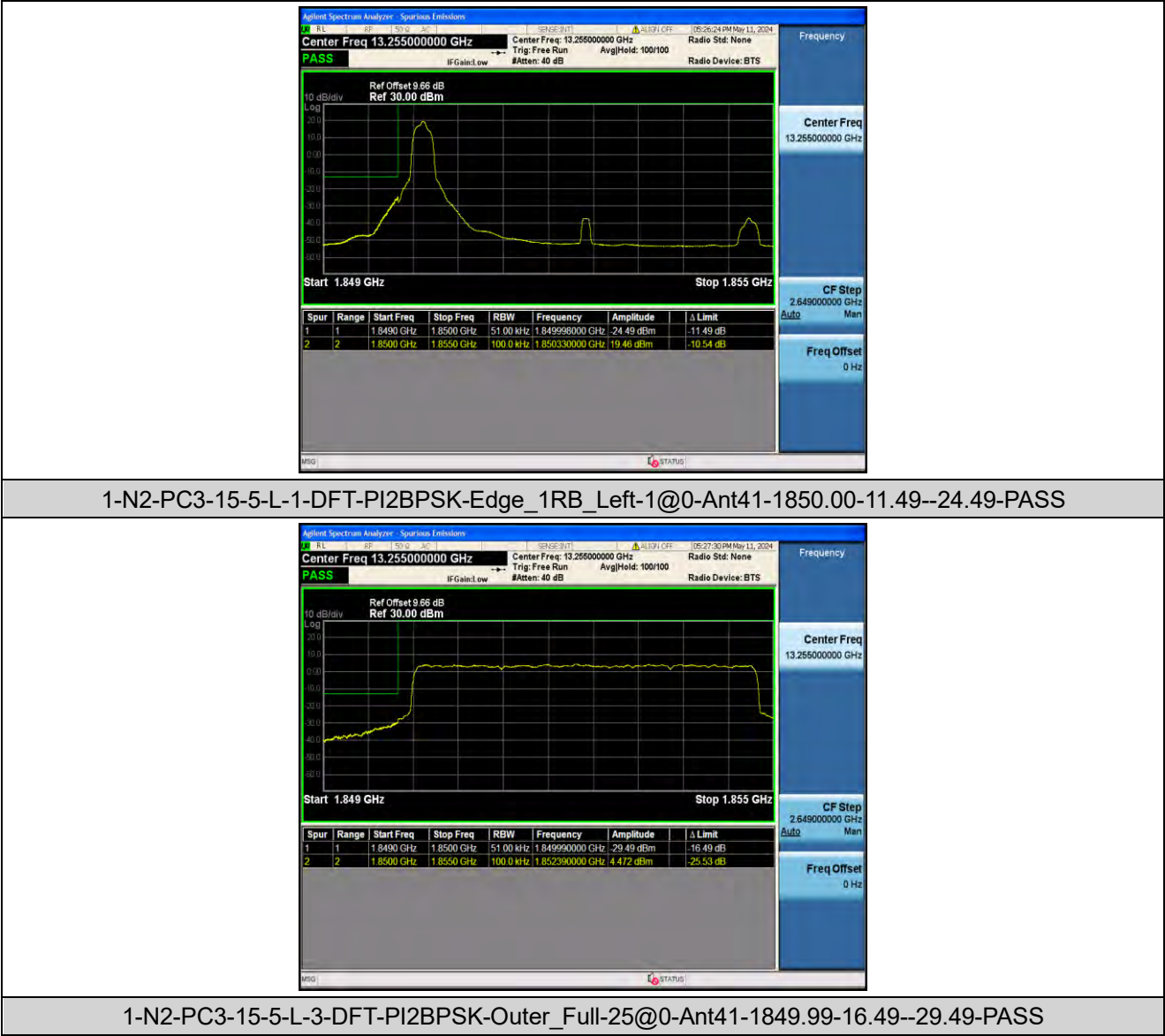
1-N2-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant41-18.885-19.83-≤20-PASS

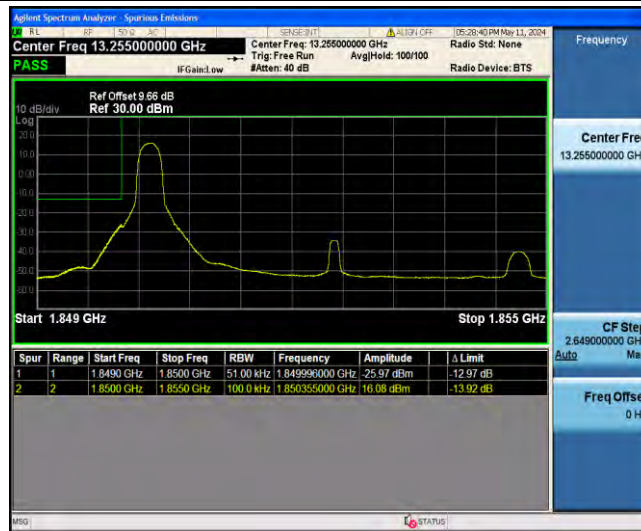


1-N2-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant41-18.945-19.95-≤20-PASS

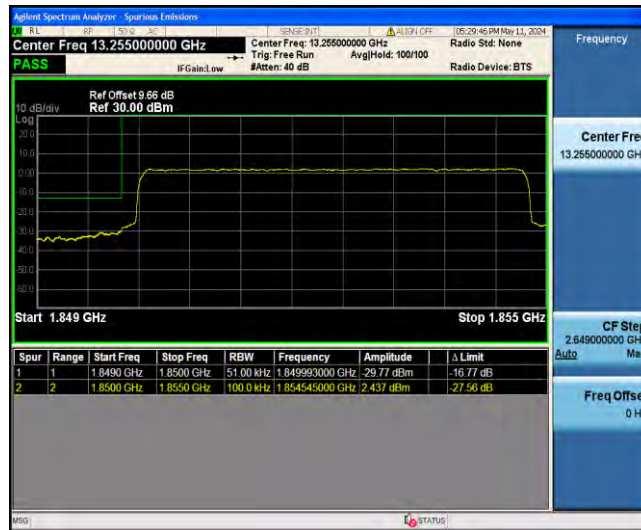
Band Edge for SA

Test Graphs

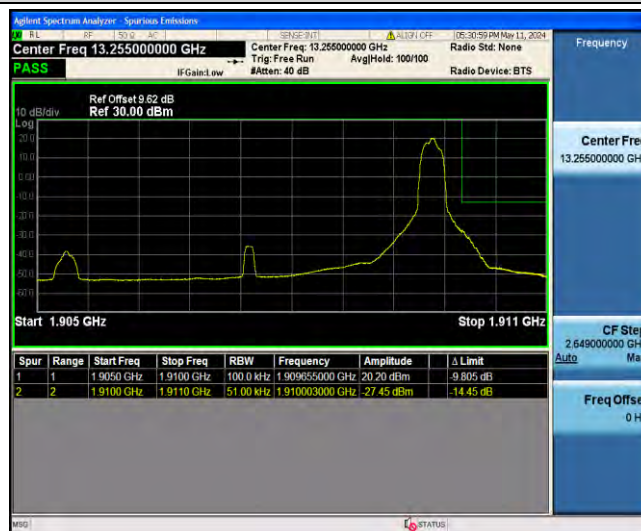




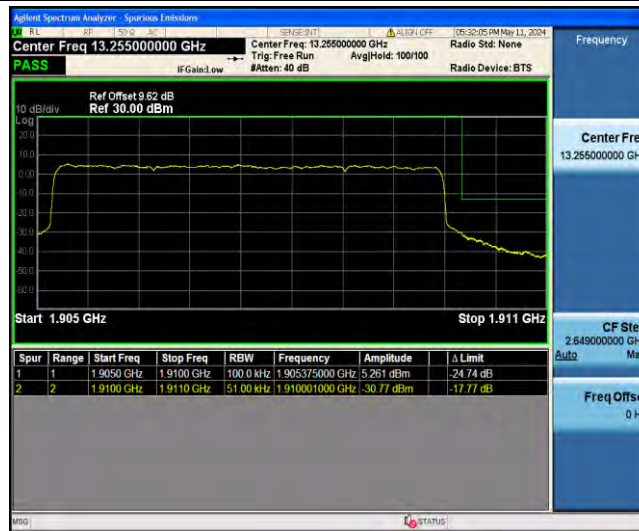
1-N2-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-1850.00-12.97--25.97-PASS



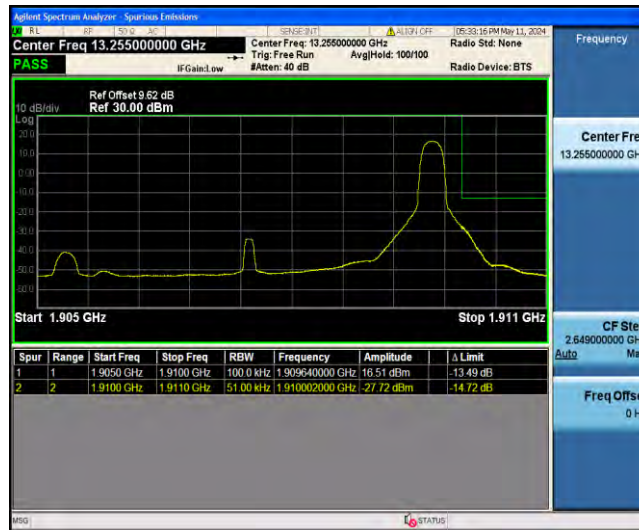
1-N2-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant41-1849.99-16.77--29.77-PASS



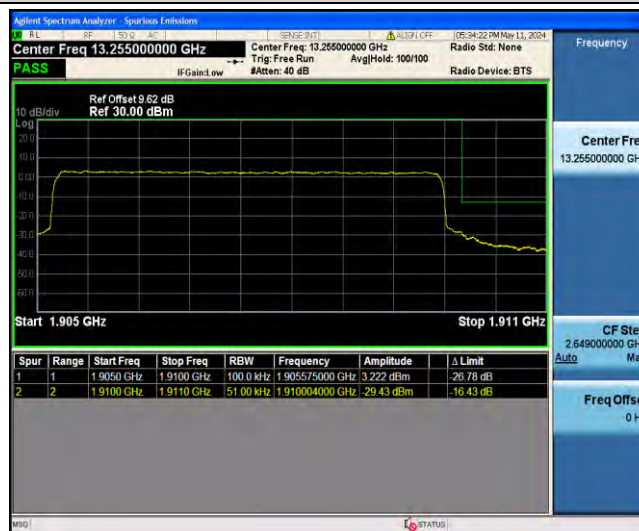
1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant41-1910.00-14.45--27.45-PASS



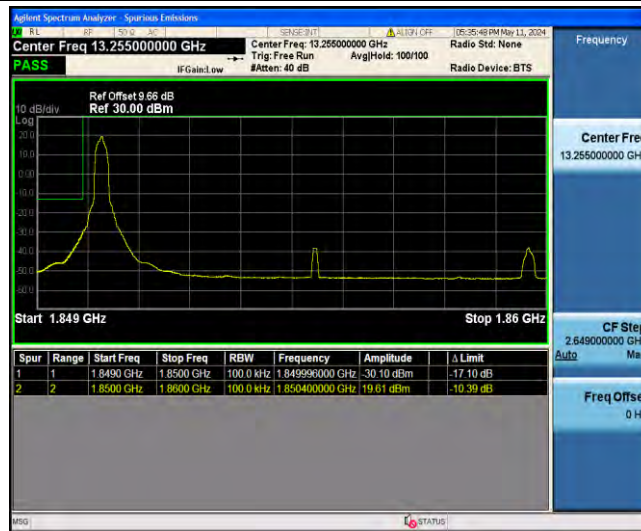
1-N2-PC3-15-5-H-3-DFT-PI2BPSK-Outet_Full-25@0-Ant41-1910.00-17.77--30.77-PASS



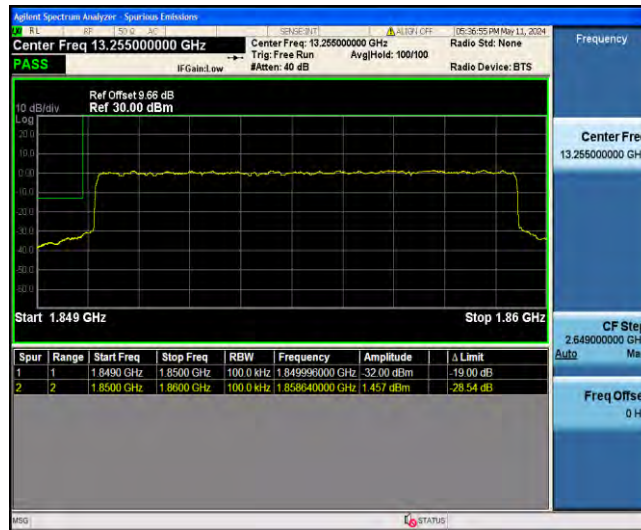
1-N2-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant41-1910.00-14.72--27.72-PASS



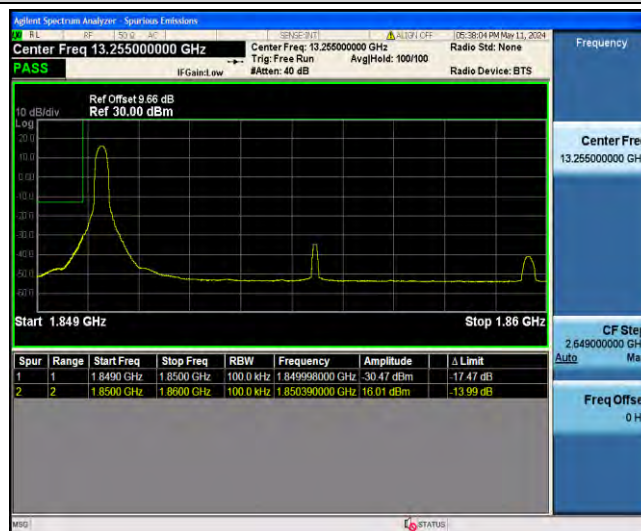
1-N2-PC3-15-5-H-6-CP-QPSK-Outet_Full-25@0-Ant41-1910.00-16.43--29.43-PASS



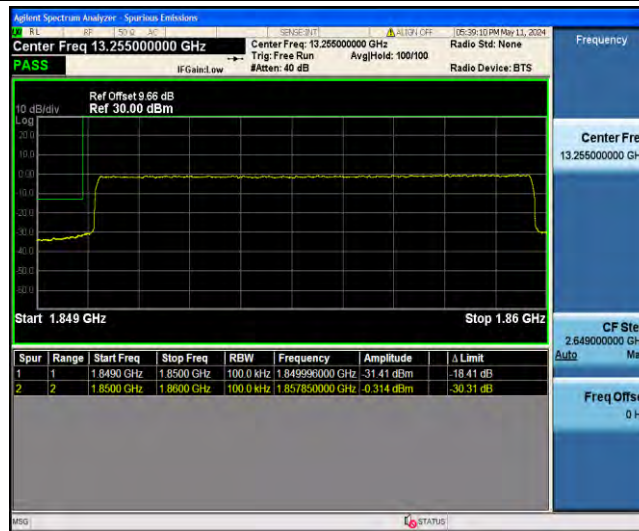
1-N2-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-1850.00-17.10--30.10-PASS



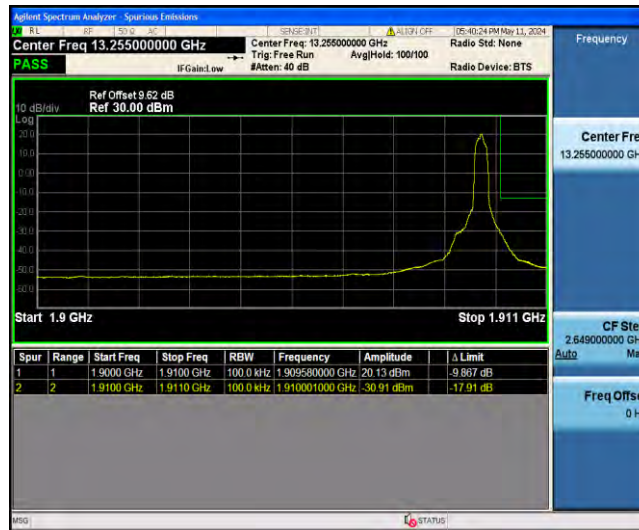
1-N2-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant41-1850.00-19.00--32.00-PASS



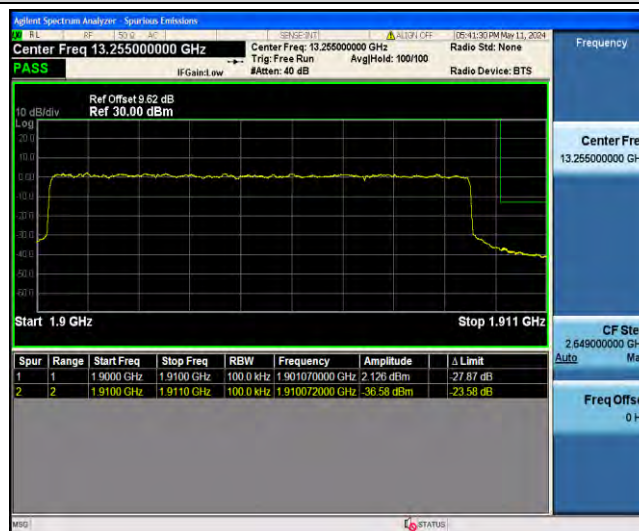
1-N2-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-1850.00-17.47--30.47-PASS



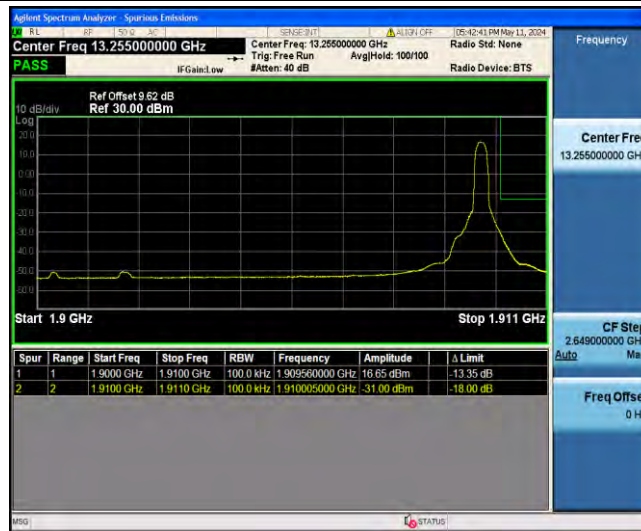
1-N2-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant41-1850.00-18.41--31.41-PASS



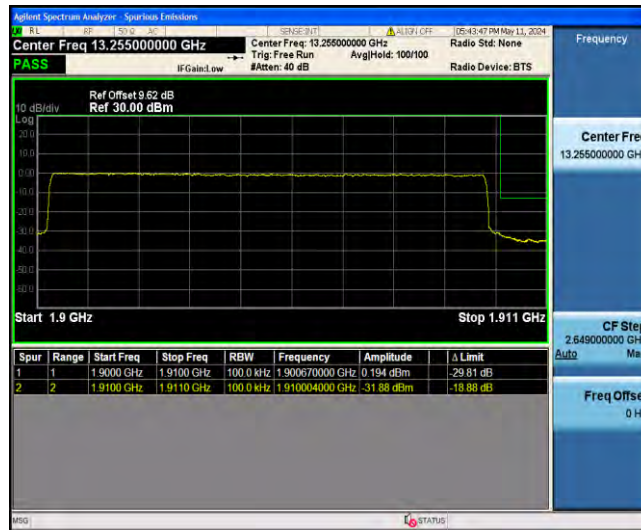
1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant41-1910.00-17.91--30.91-PASS



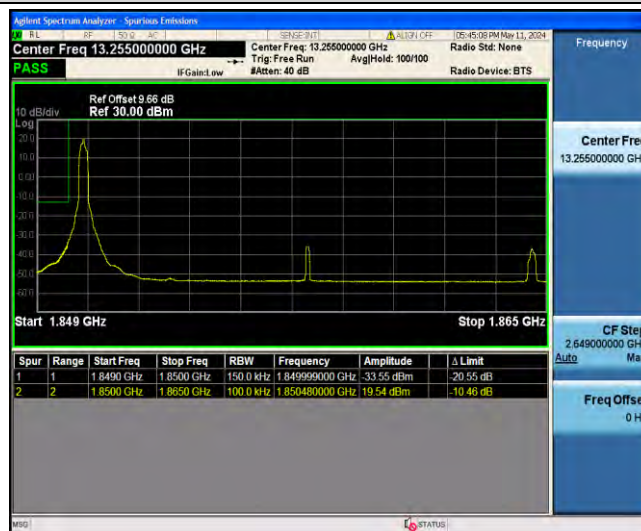
1-N2-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant41-1910.07-23.58--36.58-PASS



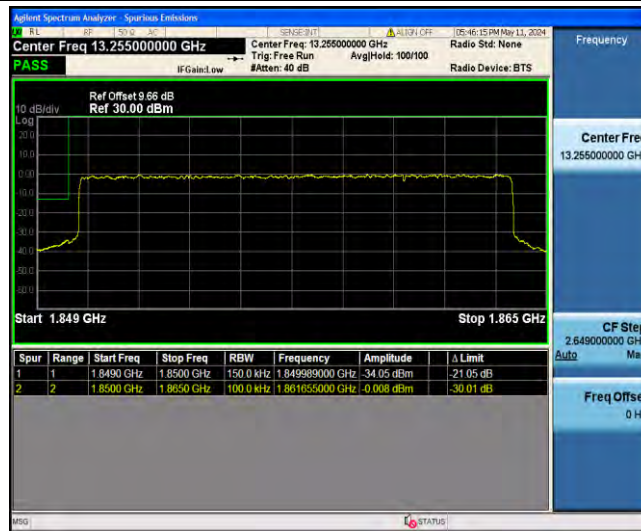
1-N2-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant41-1910.01-18.00--31.00-PASS



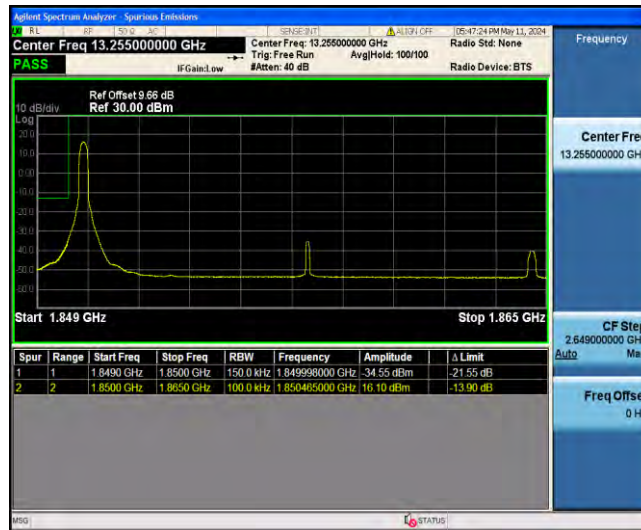
1-N2-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant41-1910.00-18.88--31.88-PASS



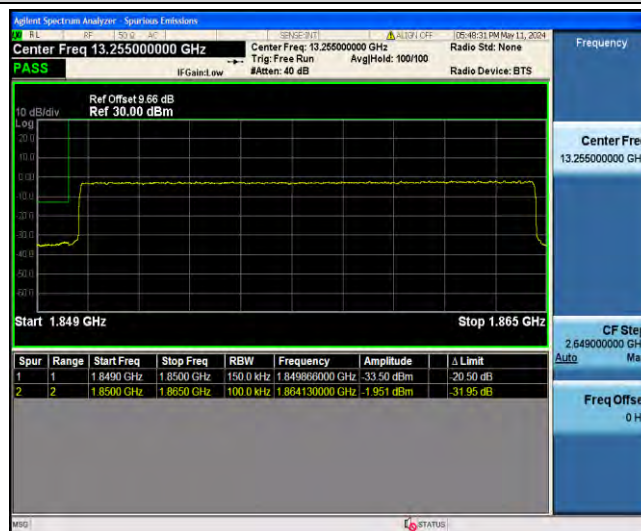
1-N2-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-1850.00-20.55--33.55-PASS



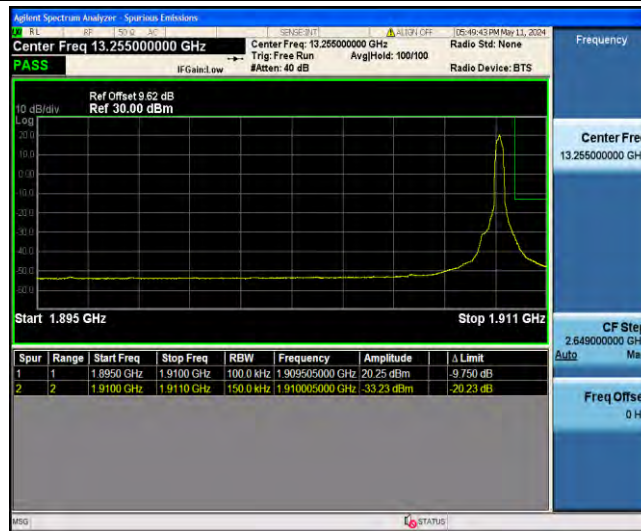
1-N2-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant41-1849.99-21.05--34.05-PASS



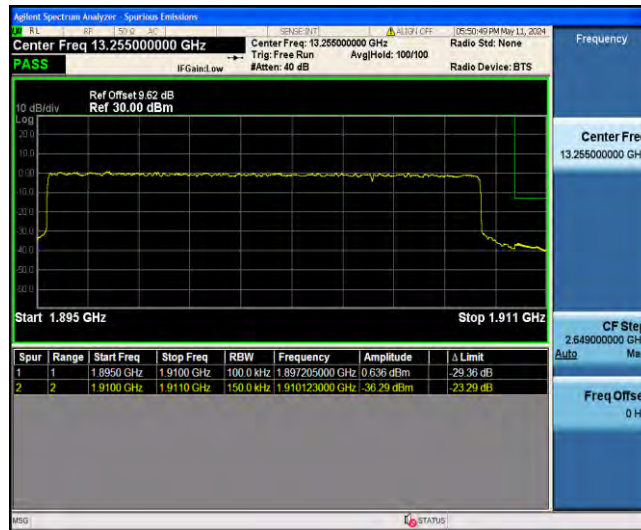
1-N2-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-1850.00-21.55--34.55-PASS



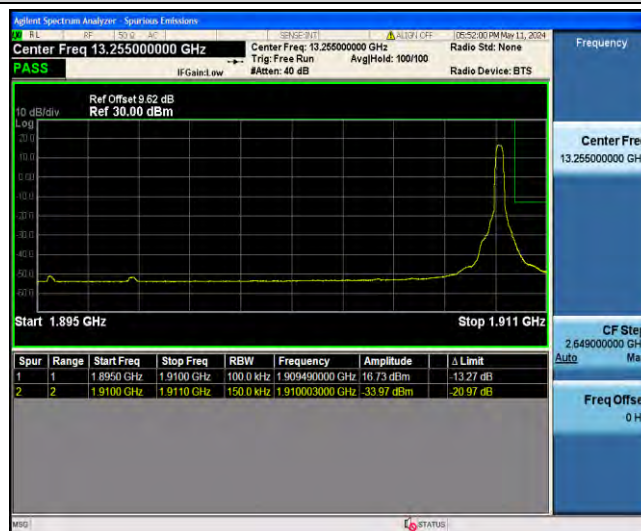
1-N2-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant41-1849.87-20.50--33.50-PASS



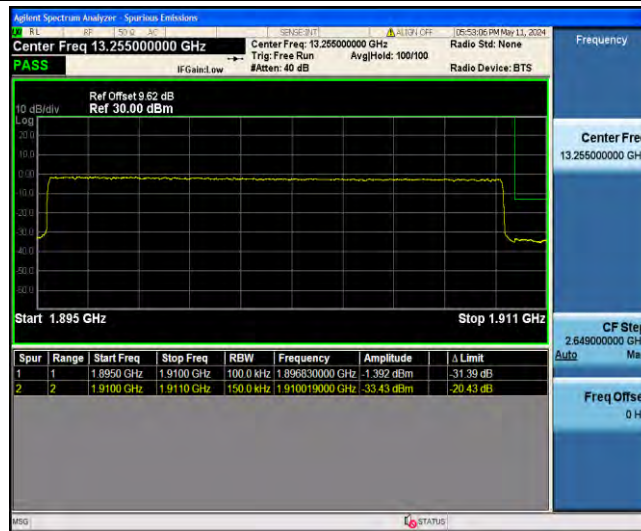
1-N2-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant41-1910.01-20.23--33.23-PASS



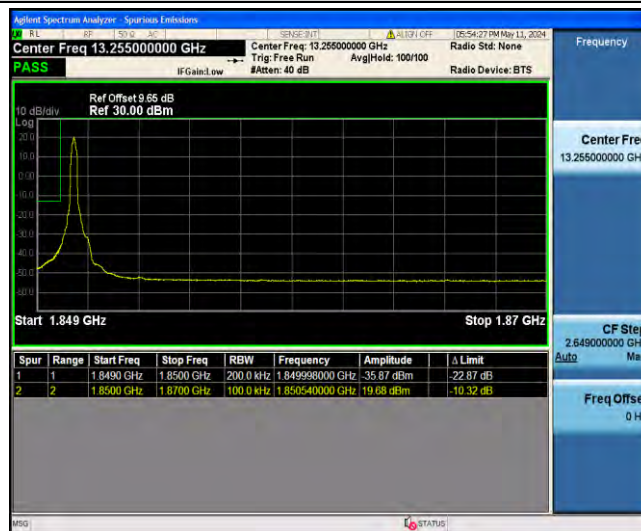
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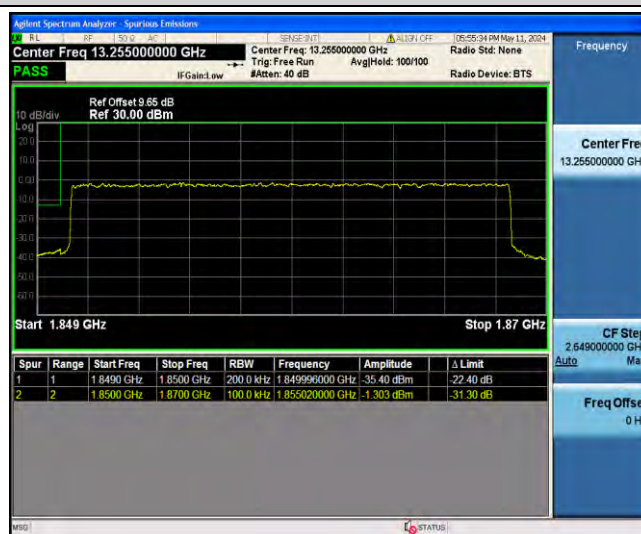
1-N2-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant41-1910.00-20.97--33.97-PASS



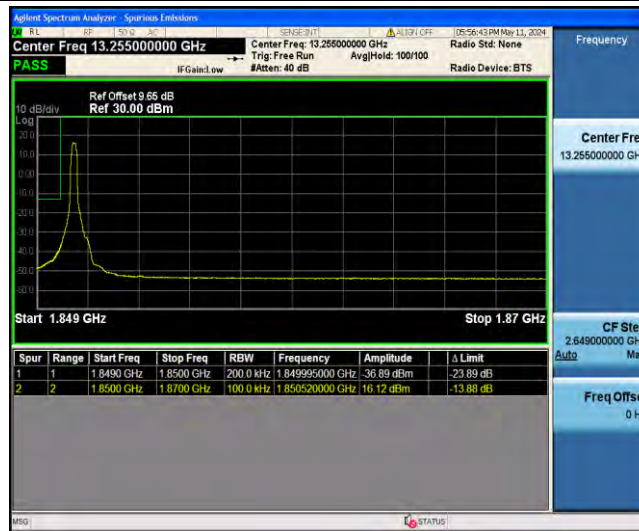
1-N2-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant41-1910.02-20.43--33.43-PASS



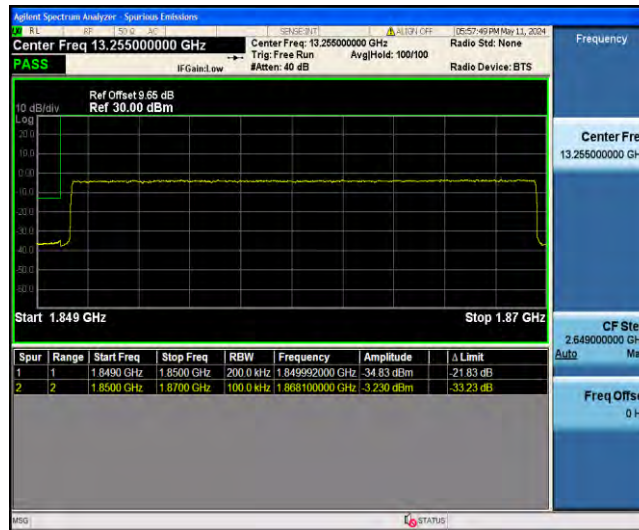
1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-1850.00-22.87--35.87-PASS



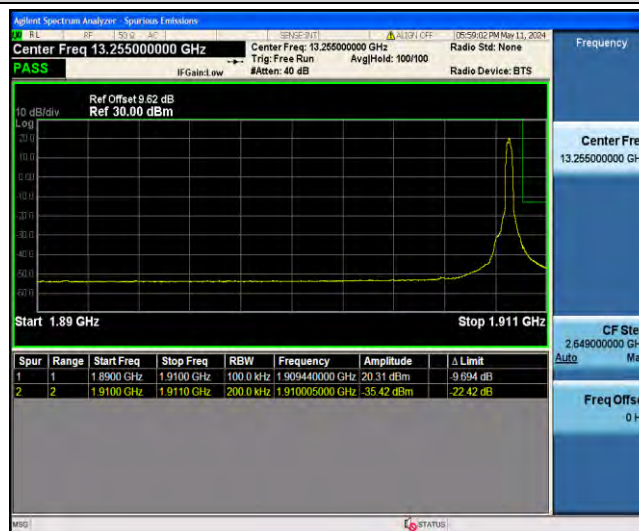
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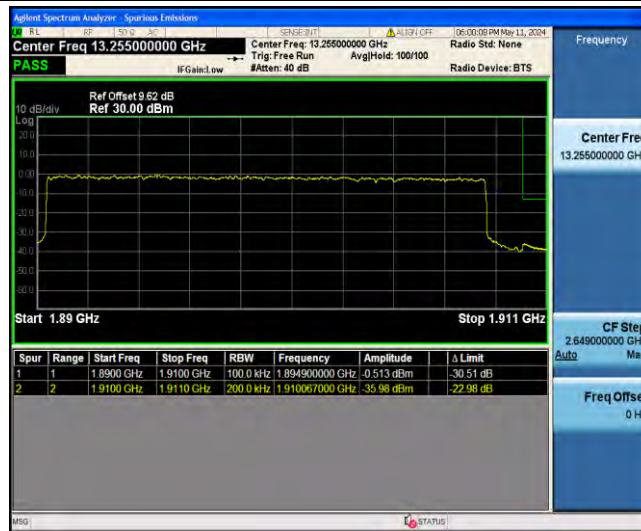
1-N2-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-1850.00-23.89--36.89-PASS



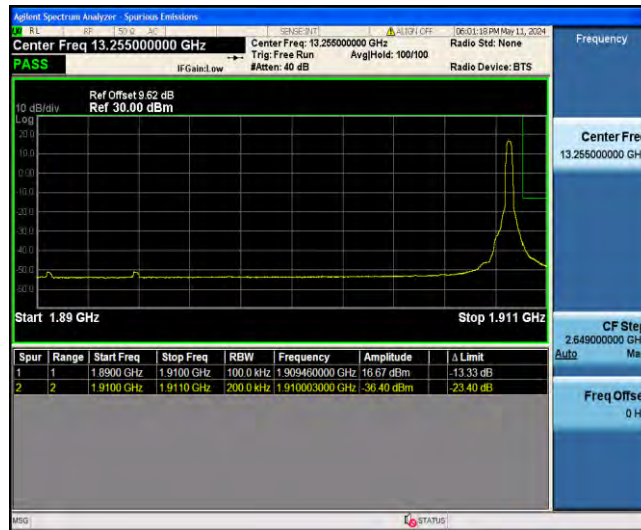
1-N2-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant41-1849.99-21.83--34.83-PASS



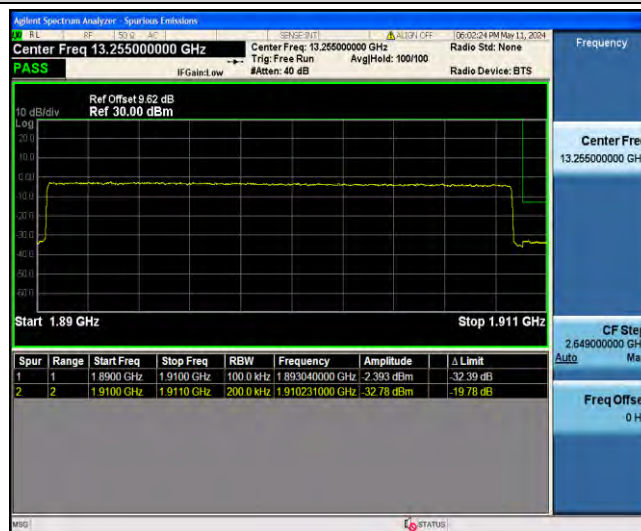
1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant41-1910.01-22.42--35.42-PASS



1-N2-PC3-15-20-H-3-DFT-PI2BPSK-Out_Full-100@0-Ant41-1910.07-22.98--35.98-PASS



1-N2-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant41-1910.00-23.40--36.40-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Out_Full-106@0-Ant41-1910.23-19.78--32.78-PASS

Conducted Spurious Emission for SA

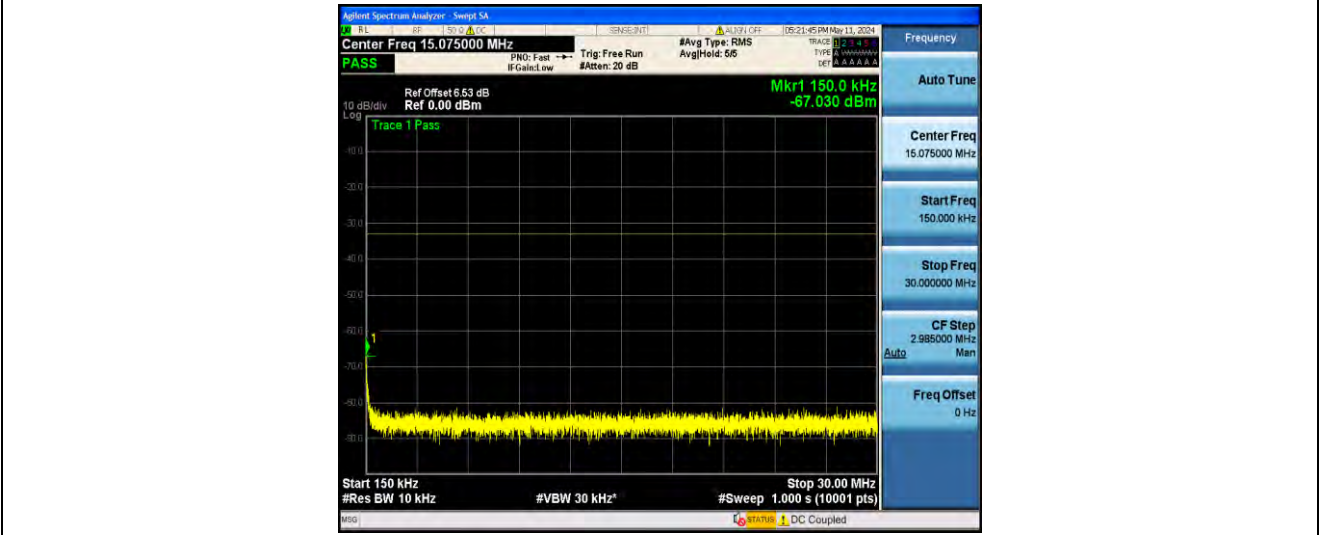
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N2	15	20	DFT-PI2BPSK	L	0.009	0.15	1@1	-64.46	-43	PASS
N2	15	20	DFT-PI2BPSK	L	0.15	30	1@1	-67.03	-33	PASS
N2	15	20	DFT-PI2BPSK	L	30	1000	1@1	-54.83	-23	PASS
N2	15	20	DFT-PI2BPSK	L	1000	3000	1@1	-36.02	-13	PASS
N2	15	20	DFT-PI2BPSK	L	3000	12000	1@1	-46.82	-13	PASS
N2	15	20	DFT-PI2BPSK	L	12000	20000	1@1	-43.87	-13	PASS
N2	15	20	DFT-PI2BPSK	M	0.009	0.15	1@1	-65.99	-43	PASS
N2	15	20	DFT-PI2BPSK	M	0.15	30	1@1	-60.75	-33	PASS
N2	15	20	DFT-PI2BPSK	M	30	1000	1@1	-54.93	-23	PASS
N2	15	20	DFT-PI2BPSK	M	1000	3000	1@1	-40.73	-13	PASS
N2	15	20	DFT-PI2BPSK	M	3000	12000	1@1	-46.64	-13	PASS
N2	15	20	DFT-PI2BPSK	M	12000	20000	1@1	-43.77	-13	PASS
N2	15	20	DFT-PI2BPSK	H	0.009	0.15	1@1	-66.56	-43	PASS
N2	15	20	DFT-PI2BPSK	H	0.15	30	1@1	-58.46	-33	PASS
N2	15	20	DFT-PI2BPSK	H	30	1000	1@1	-54.57	-23	PASS
N2	15	20	DFT-PI2BPSK	H	1000	3000	1@1	-40.59	-13	PASS
N2	15	20	DFT-PI2BPSK	H	3000	12000	1@1	-46.67	-13	PASS
N2	15	20	DFT-PI2BPSK	H	12000	20000	1@1	-43.75	-13	PASS

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--64.46--43-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.15--67.03--33-PASS



1-N2-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-904.75--54.83--23-PASS



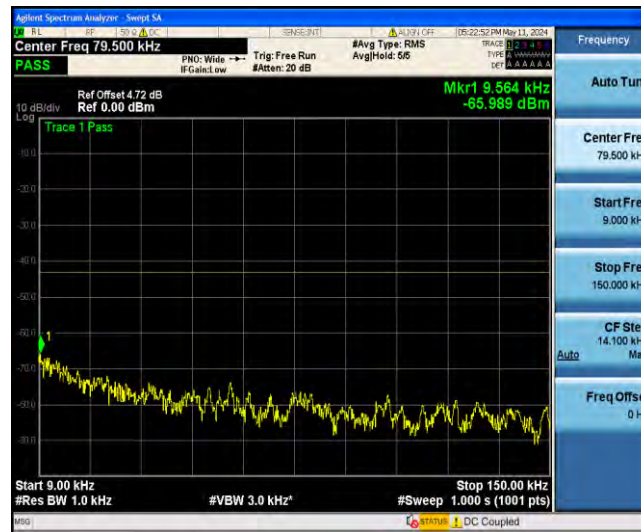
1-N2-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-1848.40--36.02--13-PA
SS



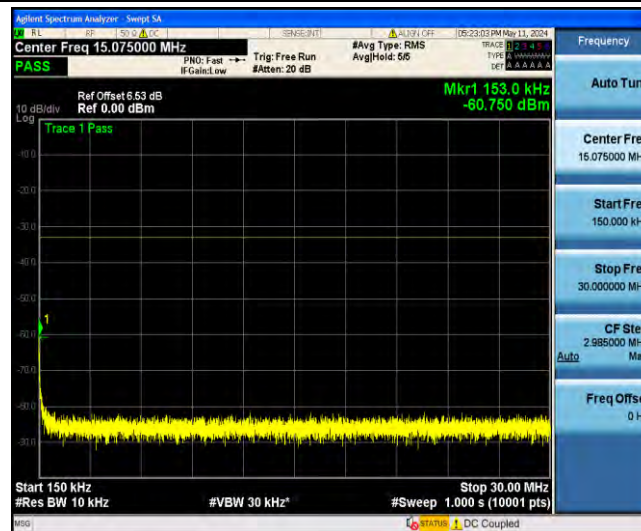
1-N2-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant41-5917.35--46.82--13-PA
SS



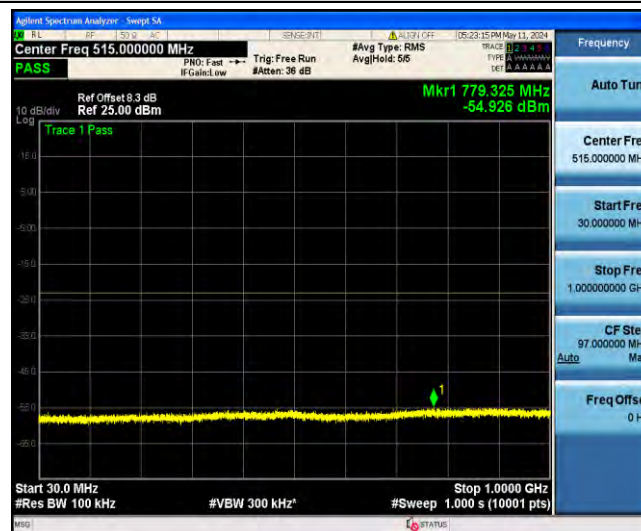
1-N2-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant41-18744.40--43.87--13-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--65.99--43-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.15--60.75--33-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-779.33--54.93--23-PASS



1-N2-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2657.00--40.73--13-PA
SS

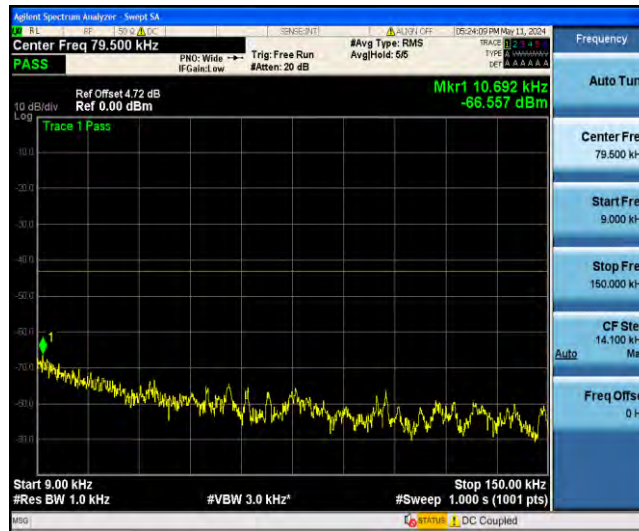


1-N2-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant41-5425.50--46.64--13-P
ASS

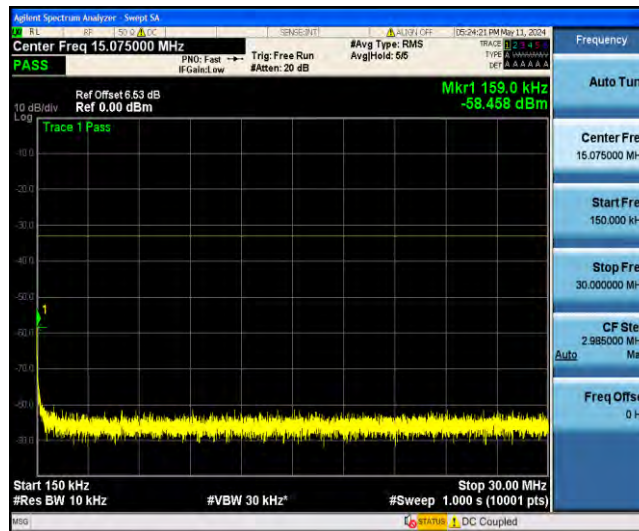


1-N2-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant41-18741.60--43.77--13

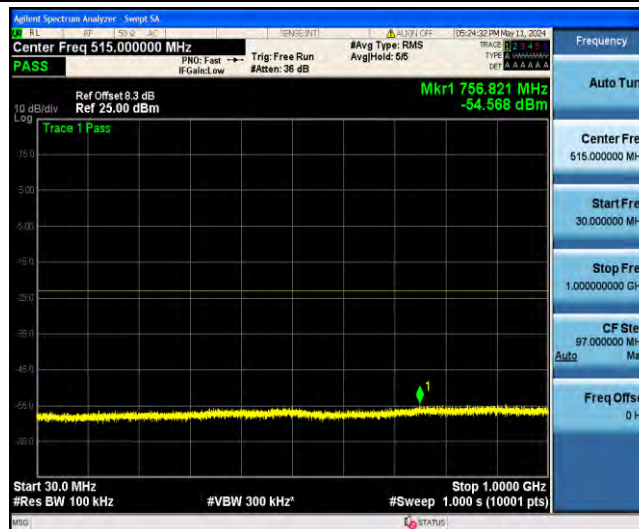
-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--66.56--43-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.16--58.46--33-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-756.82--54.57--23-PASS



1-N2-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2674.20--40.59--13-PA
SS



1-N2-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant41-5748.15--46.67--13-P
ASS



1-N2-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant41-18766.80--43.75--13-

PASS

Field Strength of Spurious Radiation

SA Band 2 ANT41-Low channel								
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	-66.42	-13	-53.42	-71.28	3.58	8.44	Horizontal	Pass
5553.0	-62.76	-13	-49.76	-68.47	4.74	10.45	Horizontal	Pass
7404.0	-60.71	-13	-47.71	-67.39	4.94	11.62	Horizontal	Pass
3702.0	-66.95	-13	-53.95	-71.81	3.58	8.44	Vertical	Pass
5553.0	-59.8	-13	-46.8	-65.51	4.74	10.45	Vertical	Pass
7404.0	-60.88	-13	-47.88	-67.56	4.94	11.62	Vertical	Pass

SA Band 2 ANT41-Middle channel								
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	-66.95	-13	-53.95	-71.83	3.61	8.49	Horizontal	Pass
5613.0	-61.75	-13	-48.75	-67.46	4.74	10.45	Horizontal	Pass
7484.0	-60.71	-13	-47.71	-67.49	4.94	11.72	Horizontal	Pass
3742.0	-66.92	-13	-53.92	-71.8	3.61	8.49	Vertical	Pass
5613.0	-58.21	-13	-45.21	-63.92	4.74	10.45	Vertical	Pass
7484.0	-60.55	-13	-47.55	-67.33	4.94	11.72	Vertical	Pass

SA Band 2 ANT41-High channel								
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	-65.29	-13	-52.29	-70.19	3.65	8.55	Horizontal	Pass
5673.0	-63.05	-13	-50.05	-68.75	4.75	10.45	Horizontal	Pass
7564.0	-60.74	-13	-47.74	-67.61	4.95	11.82	Horizontal	Pass
3782.0	-66.56	-13	-53.56	-71.46	3.65	8.55	Vertical	Pass
5673.0	-62.8	-13	-49.8	-68.5	4.75	10.45	Vertical	Pass
7564.0	-60.64	-13	-47.64	-67.51	4.95	11.82	Vertical	Pass

Remark:

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

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	-6.90	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	VN	NT	-9.70	-0.01	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	VL	NT	-14.50	-0.01	PASS
N2	15	20	CP-QPSK	M	106@0	VH	NT	2.60	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VN	NT	-3.20	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VL	NT	1.30	0.00	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-PI2BPSK	M	100@0	NV	50	-13.500000	-0.007181	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-20	-4.800000	-0.002553	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-10	-10.300000	-0.005479	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	0	-11.900000	-0.006330	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	10	-7.400000	-0.003936	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	20	-10.600000	-0.005638	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	30	-7.900000	-0.004202	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-30	-9.100000	-0.004840	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	40	-7.800000	-0.004149	PASS
N2	15	20	CP-QPSK	M	106@0	NV	50	6.200000	0.003298	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-20	-4.500000	-0.002394	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-10	-5.300000	-0.002819	PASS
N2	15	20	CP-QPSK	M	106@0	NV	0	3.300000	0.001755	PASS
N2	15	20	CP-QPSK	M	106@0	NV	10	-6.200000	-0.003298	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	30	-1.400000	-0.000745	PASS
N2	15	20	CP-QPSK	M	106@0	NV	40	4.900000	0.002606	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-30	5.900000	0.003138	PASS

---End of Attachment---