

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

### Test Result

Ant31

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	5	DFT-PI2BPSK	L	1@1	22.82	21.92	33	PASS
N2	15	5	DFT-PI2BPSK	L	1@23	22.57	21.67	33	PASS
N2	15	5	DFT-PI2BPSK	L	25@0	22.24	21.34	33	PASS
N2	15	5	DFT-QPSK	L	1@1	22.78	21.88	33	PASS
N2	15	5	DFT-QPSK	L	1@23	22.63	21.73	33	PASS
N2	15	5	DFT-QPSK	L	25@0	21.81	20.91	33	PASS
N2	15	5	DFT-16QAM	L	1@1	21.95	21.05	33	PASS
N2	15	5	DFT-16QAM	L	1@23	21.71	20.81	33	PASS
N2	15	5	DFT-16QAM	L	25@0	20.75	19.85	33	PASS
N2	15	5	DFT-64QAM	L	1@1	20.05	19.15	33	PASS
N2	15	5	DFT-64QAM	L	1@23	19.82	18.92	33	PASS
N2	15	5	DFT-64QAM	L	25@0	20.27	19.37	33	PASS
N2	15	5	DFT-256QAM	L	1@1	18.35	17.45	33	PASS
N2	15	5	DFT-256QAM	L	1@23	18.22	17.32	33	PASS
N2	15	5	DFT-256QAM	L	25@0	18.37	17.47	33	PASS
N2	15	5	DFT-PI2BPSK	M	1@1	23.19	22.29	33	PASS
N2	15	5	DFT-PI2BPSK	M	1@23	23.37	22.47	33	PASS
N2	15	5	DFT-PI2BPSK	M	25@0	22.90	22.00	33	PASS
N2	15	5	DFT-QPSK	M	1@1	23.20	22.30	33	PASS
N2	15	5	DFT-QPSK	M	1@23	23.43	22.53	33	PASS
N2	15	5	DFT-QPSK	M	25@0	22.37	21.47	33	PASS
N2	15	5	DFT-16QAM	M	1@1	22.37	21.47	33	PASS
N2	15	5	DFT-16QAM	M	1@23	22.57	21.67	33	PASS
N2	15	5	DFT-16QAM	M	25@0	21.39	20.49	33	PASS
N2	15	5	DFT-64QAM	M	1@1	20.47	19.57	33	PASS
N2	15	5	DFT-64QAM	M	1@23	20.61	19.71	33	PASS
N2	15	5	DFT-64QAM	M	25@0	20.90	20.00	33	PASS
N2	15	5	DFT-256QAM	M	1@1	18.77	17.87	33	PASS
N2	15	5	DFT-256QAM	M	1@23	18.90	18.00	33	PASS
N2	15	5	DFT-256QAM	M	25@0	18.92	18.02	33	PASS
N2	15	5	DFT-PI2BPSK	H	1@1	23.19	22.29	33	PASS
N2	15	5	DFT-PI2BPSK	H	1@23	23.16	22.26	33	PASS
N2	15	5	DFT-PI2BPSK	H	25@0	22.81	21.91	33	PASS
N2	15	5	DFT-QPSK	H	1@1	23.21	22.31	33	PASS
N2	15	5	DFT-QPSK	H	1@23	23.20	22.30	33	PASS
N2	15	5	DFT-QPSK	H	25@0	22.27	21.37	33	PASS

N2	15	5	DFT-16QAM	H	1@1	22.35	21.45	33	PASS
N2	15	5	DFT-16QAM	H	1@23	22.41	21.51	33	PASS
N2	15	5	DFT-16QAM	H	25@0	21.24	20.34	33	PASS
N2	15	5	DFT-64QAM	H	1@1	20.43	19.53	33	PASS
N2	15	5	DFT-64QAM	H	1@23	20.47	19.57	33	PASS
N2	15	5	DFT-64QAM	H	25@0	20.83	19.93	33	PASS
N2	15	5	DFT-256QAM	H	1@1	18.67	17.77	33	PASS
N2	15	5	DFT-256QAM	H	1@23	18.75	17.85	33	PASS
N2	15	5	DFT-256QAM	H	25@0	18.79	17.89	33	PASS
N2	15	10	DFT-PI2BPSK	L	1@1	22.93	22.03	33	PASS
N2	15	10	DFT-PI2BPSK	L	1@50	22.47	21.57	33	PASS
N2	15	10	DFT-PI2BPSK	L	50@0	22.26	21.36	33	PASS
N2	15	10	DFT-QPSK	L	1@1	22.94	22.04	33	PASS
N2	15	10	DFT-QPSK	L	1@50	22.46	21.56	33	PASS
N2	15	10	DFT-QPSK	L	50@0	21.71	20.81	33	PASS
N2	15	10	DFT-16QAM	L	1@1	22.06	21.16	33	PASS
N2	15	10	DFT-16QAM	L	1@50	21.60	20.70	33	PASS
N2	15	10	DFT-16QAM	L	50@0	20.71	19.81	33	PASS
N2	15	10	DFT-64QAM	L	1@1	20.20	19.30	33	PASS
N2	15	10	DFT-64QAM	L	1@50	19.74	18.84	33	PASS
N2	15	10	DFT-64QAM	L	50@0	20.25	19.35	33	PASS
N2	15	10	DFT-256QAM	L	1@1	18.43	17.53	33	PASS
N2	15	10	DFT-256QAM	L	1@50	18.10	17.20	33	PASS
N2	15	10	DFT-256QAM	L	50@0	18.32	17.42	33	PASS
N2	15	10	DFT-PI2BPSK	M	1@1	23.05	22.15	33	PASS
N2	15	10	DFT-PI2BPSK	M	1@50	23.40	22.50	33	PASS
N2	15	10	DFT-PI2BPSK	M	50@0	22.83	21.93	33	PASS
N2	15	10	DFT-QPSK	M	1@1	22.99	22.09	33	PASS
N2	15	10	DFT-QPSK	M	1@50	23.44	22.54	33	PASS
N2	15	10	DFT-QPSK	M	50@0	22.33	21.43	33	PASS
N2	15	10	DFT-16QAM	M	1@1	22.19	21.29	33	PASS
N2	15	10	DFT-16QAM	M	1@50	22.62	21.72	33	PASS
N2	15	10	DFT-16QAM	M	50@0	21.30	20.40	33	PASS
N2	15	10	DFT-64QAM	M	1@1	20.31	19.41	33	PASS
N2	15	10	DFT-64QAM	M	1@50	20.67	19.77	33	PASS
N2	15	10	DFT-64QAM	M	50@0	20.82	19.92	33	PASS
N2	15	10	DFT-256QAM	M	1@1	18.65	17.75	33	PASS
N2	15	10	DFT-256QAM	M	1@50	18.92	18.02	33	PASS
N2	15	10	DFT-256QAM	M	50@0	18.86	17.96	33	PASS
N2	15	10	DFT-PI2BPSK	H	1@1	23.12	22.22	33	PASS
N2	15	10	DFT-PI2BPSK	H	1@50	23.18	22.28	33	PASS
N2	15	10	DFT-PI2BPSK	H	50@0	22.76	21.86	33	PASS
N2	15	10	DFT-QPSK	H	1@1	23.17	22.27	33	PASS

N2	15	10	DFT-QPSK	H	1@50	23.20	22.30	33	PASS
N2	15	10	DFT-QPSK	H	50@0	22.24	21.34	33	PASS
N2	15	10	DFT-16QAM	H	1@1	22.27	21.37	33	PASS
N2	15	10	DFT-16QAM	H	1@50	22.41	21.51	33	PASS
N2	15	10	DFT-16QAM	H	50@0	21.24	20.34	33	PASS
N2	15	10	DFT-64QAM	H	1@1	20.40	19.50	33	PASS
N2	15	10	DFT-64QAM	H	1@50	20.50	19.60	33	PASS
N2	15	10	DFT-64QAM	H	50@0	20.73	19.83	33	PASS
N2	15	10	DFT-256QAM	H	1@1	18.55	17.65	33	PASS
N2	15	10	DFT-256QAM	H	1@50	18.73	17.83	33	PASS
N2	15	10	DFT-256QAM	H	50@0	18.70	17.80	33	PASS
N2	15	15	DFT-PI2BPSK	L	1@1	22.95	22.05	33	PASS
N2	15	15	DFT-PI2BPSK	L	1@77	22.48	21.58	33	PASS
N2	15	15	DFT-PI2BPSK	L	75@0	22.19	21.29	33	PASS
N2	15	15	DFT-QPSK	L	1@1	23.00	22.10	33	PASS
N2	15	15	DFT-QPSK	L	1@77	22.46	21.56	33	PASS
N2	15	15	DFT-QPSK	L	75@0	21.69	20.79	33	PASS
N2	15	15	DFT-16QAM	L	1@1	22.15	21.25	33	PASS
N2	15	15	DFT-16QAM	L	1@77	21.67	20.77	33	PASS
N2	15	15	DFT-16QAM	L	75@0	20.68	19.78	33	PASS
N2	15	15	DFT-64QAM	L	1@1	20.27	19.37	33	PASS
N2	15	15	DFT-64QAM	L	1@77	19.74	18.84	33	PASS
N2	15	15	DFT-64QAM	L	75@0	20.20	19.30	33	PASS
N2	15	15	DFT-256QAM	L	1@1	18.48	17.58	33	PASS
N2	15	15	DFT-256QAM	L	1@77	18.09	17.19	33	PASS
N2	15	15	DFT-256QAM	L	75@0	18.32	17.42	33	PASS
N2	15	15	DFT-PI2BPSK	M	1@1	22.91	22.01	33	PASS
N2	15	15	DFT-PI2BPSK	M	1@77	23.45	22.55	33	PASS
N2	15	15	DFT-PI2BPSK	M	75@0	22.84	21.94	33	PASS
N2	15	15	DFT-QPSK	M	1@1	22.92	22.02	33	PASS
N2	15	15	DFT-QPSK	M	1@77	23.53	22.63	33	PASS
N2	15	15	DFT-QPSK	M	75@0	22.37	21.47	33	PASS
N2	15	15	DFT-16QAM	M	1@1	21.99	21.09	33	PASS
N2	15	15	DFT-16QAM	M	1@77	22.64	21.74	33	PASS
N2	15	15	DFT-16QAM	M	75@0	21.32	20.42	33	PASS
N2	15	15	DFT-64QAM	M	1@1	20.18	19.28	33	PASS
N2	15	15	DFT-64QAM	M	1@77	20.76	19.86	33	PASS
N2	15	15	DFT-64QAM	M	75@0	20.85	19.95	33	PASS
N2	15	15	DFT-256QAM	M	1@1	18.47	17.57	33	PASS
N2	15	15	DFT-256QAM	M	1@77	18.91	18.01	33	PASS
N2	15	15	DFT-256QAM	M	75@0	18.90	18.00	33	PASS
N2	15	15	DFT-PI2BPSK	H	1@1	23.22	22.32	33	PASS
N2	15	15	DFT-PI2BPSK	H	1@77	23.18	22.28	33	PASS

N2	15	15	DFT-PI2BPSK	H	75@0	22.71	21.81	33	PASS
N2	15	15	DFT-QPSK	H	1@1	23.25	22.35	33	PASS
N2	15	15	DFT-QPSK	H	1@77	23.22	22.32	33	PASS
N2	15	15	DFT-QPSK	H	75@0	22.21	21.31	33	PASS
N2	15	15	DFT-16QAM	H	1@1	22.36	21.46	33	PASS
N2	15	15	DFT-16QAM	H	1@77	22.42	21.52	33	PASS
N2	15	15	DFT-16QAM	H	75@0	21.22	20.32	33	PASS
N2	15	15	DFT-64QAM	H	1@1	20.49	19.59	33	PASS
N2	15	15	DFT-64QAM	H	1@77	20.49	19.59	33	PASS
N2	15	15	DFT-64QAM	H	75@0	20.77	19.87	33	PASS
N2	15	15	DFT-256QAM	H	1@1	18.59	17.69	33	PASS
N2	15	15	DFT-256QAM	H	1@77	18.74	17.84	33	PASS
N2	15	15	DFT-256QAM	H	75@0	18.68	17.78	33	PASS
N2	15	20	DFT-PI2BPSK	L	1@1	22.94	22.04	33	PASS
N2	15	20	DFT-PI2BPSK	L	1@104	22.64	21.74	33	PASS
N2	15	20	DFT-PI2BPSK	L	100@0	22.17	21.27	33	PASS
N2	15	20	DFT-QPSK	L	1@1	22.95	22.05	33	PASS
N2	15	20	DFT-QPSK	L	1@104	22.64	21.74	33	PASS
N2	15	20	DFT-QPSK	L	100@0	21.68	20.78	33	PASS
N2	15	20	DFT-16QAM	L	1@1	22.05	21.15	33	PASS
N2	15	20	DFT-16QAM	L	1@104	21.83	20.93	33	PASS
N2	15	20	DFT-16QAM	L	100@0	20.67	19.77	33	PASS
N2	15	20	DFT-64QAM	L	1@1	20.21	19.31	33	PASS
N2	15	20	DFT-64QAM	L	1@104	19.97	19.07	33	PASS
N2	15	20	DFT-64QAM	L	100@0	20.21	19.31	33	PASS
N2	15	20	DFT-256QAM	L	1@1	18.44	17.54	33	PASS
N2	15	20	DFT-256QAM	L	1@104	18.28	17.38	33	PASS
N2	15	20	DFT-256QAM	L	100@0	18.29	17.39	33	PASS
N2	15	20	DFT-PI2BPSK	M	1@1	22.72	21.82	33	PASS
N2	15	20	DFT-PI2BPSK	M	1@104	23.40	22.50	33	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	22.81	21.91	33	PASS
N2	15	20	DFT-QPSK	M	1@1	22.71	21.81	33	PASS
N2	15	20	DFT-QPSK	M	1@104	23.44	22.54	33	PASS
N2	15	20	DFT-QPSK	M	100@0	22.36	21.46	33	PASS
N2	15	20	DFT-16QAM	M	1@1	21.87	20.97	33	PASS
N2	15	20	DFT-16QAM	M	1@104	22.55	21.65	33	PASS
N2	15	20	DFT-16QAM	M	100@0	21.27	20.37	33	PASS
N2	15	20	DFT-64QAM	M	1@1	20.00	19.10	33	PASS
N2	15	20	DFT-64QAM	M	1@104	20.68	19.78	33	PASS
N2	15	20	DFT-64QAM	M	100@0	20.81	19.91	33	PASS
N2	15	20	DFT-256QAM	M	1@1	18.32	17.42	33	PASS
N2	15	20	DFT-256QAM	M	1@104	18.85	17.95	33	PASS
N2	15	20	DFT-256QAM	M	100@0	18.90	18.00	33	PASS

N2	15	20	DFT-PI2BPSK	H	1@1	23.39	22.49	33	PASS
N2	15	20	DFT-PI2BPSK	H	1@104	23.21	22.31	33	PASS
N2	15	20	DFT-PI2BPSK	H	100@0	22.81	21.91	33	PASS
N2	15	20	DFT-QPSK	H	1@1	23.39	22.49	33	PASS
N2	15	20	DFT-QPSK	H	1@104	23.21	22.31	33	PASS
N2	15	20	DFT-QPSK	H	100@0	22.33	21.43	33	PASS
N2	15	20	DFT-16QAM	H	1@1	22.56	21.66	33	PASS
N2	15	20	DFT-16QAM	H	1@104	22.37	21.47	33	PASS
N2	15	20	DFT-16QAM	H	100@0	21.33	20.43	33	PASS
N2	15	20	DFT-64QAM	H	1@1	20.69	19.79	33	PASS
N2	15	20	DFT-64QAM	H	1@104	20.51	19.61	33	PASS
N2	15	20	DFT-64QAM	H	100@0	20.86	19.96	33	PASS
N2	15	20	DFT-256QAM	H	1@1	18.74	17.84	33	PASS
N2	15	20	DFT-256QAM	H	1@104	18.77	17.87	33	PASS
N2	15	20	DFT-256QAM	H	100@0	18.76	17.86	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@0-7.59-PASS



1-N2-PC3-15-20-L-2-NS\_01-CP-256QAM-Outer\_Full-106@0-9.42-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-7.85-PASS



1-N2-PC3-15-20-M-2-NS\_01-CP-256QAM-Outer\_Full-106@0-9.80-PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-256QAM-Outer\_Full-100@0-7.31-PASS



1-N2-PC3-15-20-H-2-NS\_01-CP-256QAM-Outer\_Full-106@0-9.08-PASS



## 26dB Bandwidth and Occupied Bandwidth for SA

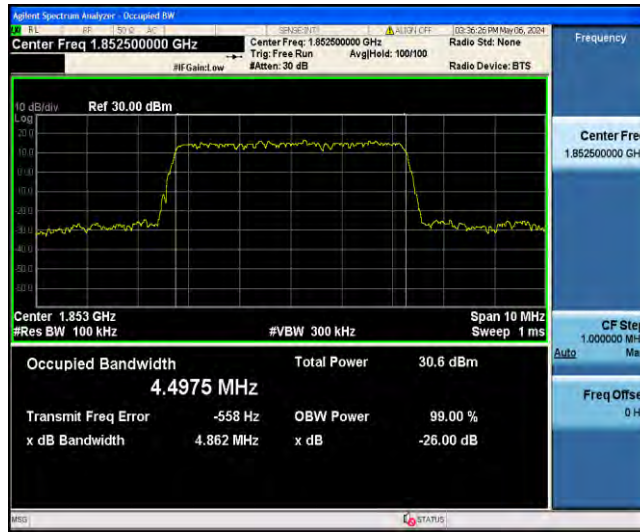
### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N2	15	5	DFT-QPSK	L	25@0	4.4975	4.862	PASS
N2	15	5	DFT-PI2BPSK	L	25@0	4.4951	4.906	PASS
N2	15	5	DFT-16QAM	L	25@0	4.4876	4.857	PASS
N2	15	5	DFT-64QAM	L	25@0	4.4968	4.881	PASS
N2	15	5	DFT-256QAM	L	25@0	4.4823	4.884	PASS
N2	15	5	CP-QPSK	L	25@0	4.4860	4.830	PASS
N2	15	5	CP-16QAM	L	25@0	4.5085	4.919	PASS
N2	15	5	CP-64QAM	L	25@0	4.5009	4.890	PASS
N2	15	5	CP-256QAM	L	25@0	4.5002	4.849	PASS
N2	15	5	DFT-QPSK	M	25@0	4.4857	4.875	PASS
N2	15	5	DFT-PI2BPSK	M	25@0	4.4905	4.859	PASS
N2	15	5	DFT-16QAM	M	25@0	4.4887	4.881	PASS
N2	15	5	DFT-64QAM	M	25@0	4.5060	4.888	PASS
N2	15	5	DFT-256QAM	M	25@0	4.4964	4.900	PASS
N2	15	5	CP-QPSK	M	25@0	4.4855	4.839	PASS
N2	15	5	CP-16QAM	M	25@0	4.5071	4.859	PASS
N2	15	5	CP-64QAM	M	25@0	4.5037	4.919	PASS
N2	15	5	CP-256QAM	M	25@0	4.5019	4.873	PASS
N2	15	5	DFT-QPSK	H	25@0	4.4692	4.871	PASS
N2	15	5	DFT-PI2BPSK	H	25@0	4.5244	4.942	PASS
N2	15	5	DFT-16QAM	H	25@0	4.4858	4.831	PASS
N2	15	5	DFT-64QAM	H	25@0	4.5078	4.858	PASS
N2	15	5	DFT-256QAM	H	25@0	4.4949	4.895	PASS
N2	15	5	CP-QPSK	H	25@0	4.4894	4.900	PASS
N2	15	5	CP-16QAM	H	25@0	4.5077	4.838	PASS
N2	15	5	CP-64QAM	H	25@0	4.4995	4.886	PASS
N2	15	5	CP-256QAM	H	25@0	4.4952	4.916	PASS
N2	15	10	DFT-QPSK	L	50@0	8.8981	9.359	PASS
N2	15	10	DFT-PI2BPSK	L	50@0	8.8928	9.411	PASS
N2	15	10	DFT-16QAM	L	50@0	8.9181	9.390	PASS
N2	15	10	DFT-64QAM	L	50@0	8.9215	9.385	PASS
N2	15	10	DFT-256QAM	L	50@0	8.8837	9.332	PASS
N2	15	10	CP-QPSK	L	52@0	9.2663	9.778	PASS
N2	15	10	CP-16QAM	L	52@0	9.2787	9.699	PASS
N2	15	10	CP-64QAM	L	52@0	9.2860	9.747	PASS
N2	15	10	CP-256QAM	L	52@0	9.2569	9.732	PASS

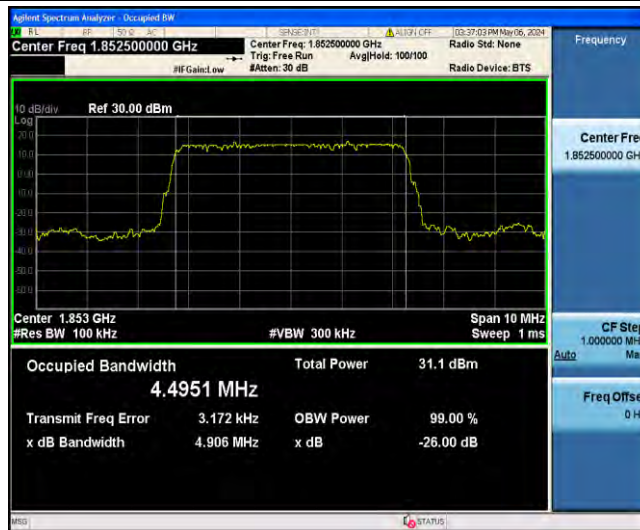
N2	15	10	DFT-QPSK	M	50@0	8.9088	9.382	PASS
N2	15	10	DFT-PI2BPSK	M	50@0	8.9238	9.411	PASS
N2	15	10	DFT-16QAM	M	50@0	8.9276	9.402	PASS
N2	15	10	DFT-64QAM	M	50@0	8.9332	9.405	PASS
N2	15	10	DFT-256QAM	M	50@0	8.9204	9.382	PASS
N2	15	10	CP-QPSK	M	52@0	9.2899	9.760	PASS
N2	15	10	CP-16QAM	M	52@0	9.2870	9.738	PASS
N2	15	10	CP-64QAM	M	52@0	9.3092	9.737	PASS
N2	15	10	CP-256QAM	M	52@0	9.2698	9.728	PASS
N2	15	10	DFT-QPSK	H	50@0	8.9064	9.350	PASS
N2	15	10	DFT-PI2BPSK	H	50@0	8.9071	9.378	PASS
N2	15	10	DFT-16QAM	H	50@0	8.9155	9.406	PASS
N2	15	10	DFT-64QAM	H	50@0	8.9481	9.382	PASS
N2	15	10	DFT-256QAM	H	50@0	8.9085	9.358	PASS
N2	15	10	CP-QPSK	H	52@0	9.2817	9.771	PASS
N2	15	10	CP-16QAM	H	52@0	9.2837	9.771	PASS
N2	15	10	CP-64QAM	H	52@0	9.2910	9.774	PASS
N2	15	10	CP-256QAM	H	52@0	9.2625	9.718	PASS
N2	15	15	DFT-QPSK	L	75@0	13.432	14.25	PASS
N2	15	15	DFT-PI2BPSK	L	75@0	13.443	14.22	PASS
N2	15	15	DFT-16QAM	L	75@0	13.427	14.16	PASS
N2	15	15	DFT-64QAM	L	75@0	13.416	14.21	PASS
N2	15	15	DFT-256QAM	L	75@0	13.442	14.19	PASS
N2	15	15	CP-QPSK	L	79@0	14.090	14.91	PASS
N2	15	15	CP-16QAM	L	79@0	14.122	14.90	PASS
N2	15	15	CP-64QAM	L	79@0	14.124	14.98	PASS
N2	15	15	CP-256QAM	L	79@0	14.163	14.87	PASS
N2	15	15	DFT-QPSK	M	75@0	13.513	14.21	PASS
N2	15	15	DFT-PI2BPSK	M	75@0	13.482	14.32	PASS
N2	15	15	DFT-16QAM	M	75@0	13.491	14.26	PASS
N2	15	15	DFT-64QAM	M	75@0	13.465	14.18	PASS
N2	15	15	DFT-256QAM	M	75@0	13.466	14.21	PASS
N2	15	15	CP-QPSK	M	79@0	14.162	14.89	PASS
N2	15	15	CP-16QAM	M	79@0	14.156	14.91	PASS
N2	15	15	CP-64QAM	M	79@0	14.194	14.97	PASS
N2	15	15	CP-256QAM	M	79@0	14.153	14.92	PASS
N2	15	15	DFT-QPSK	H	75@0	13.462	14.19	PASS
N2	15	15	DFT-PI2BPSK	H	75@0	13.447	14.27	PASS
N2	15	15	DFT-16QAM	H	75@0	13.477	14.16	PASS
N2	15	15	DFT-64QAM	H	75@0	13.463	14.25	PASS
N2	15	15	DFT-256QAM	H	75@0	13.443	14.19	PASS
N2	15	15	CP-QPSK	H	79@0	14.158	16.90	PASS
N2	15	15	CP-16QAM	H	79@0	14.169	14.90	PASS

N2	15	15	CP-64QAM	H	79@0	14.154	14.93	PASS
N2	15	15	CP-256QAM	H	79@0	14.158	15.02	PASS
N2	15	20	DFT-QPSK	L	100@0	17.952	18.73	PASS
N2	15	20	DFT-PI2BPSK	L	100@0	17.876	18.74	PASS
N2	15	20	DFT-16QAM	L	100@0	17.873	18.67	PASS
N2	15	20	DFT-64QAM	L	100@0	17.900	18.77	PASS
N2	15	20	DFT-256QAM	L	100@0	17.867	18.69	PASS
N2	15	20	CP-QPSK	L	106@0	18.920	19.76	PASS
N2	15	20	CP-16QAM	L	106@0	18.926	19.91	PASS
N2	15	20	CP-64QAM	L	106@0	18.894	19.79	PASS
N2	15	20	CP-256QAM	L	106@0	18.876	19.76	PASS
N2	15	20	DFT-QPSK	M	100@0	17.986	18.76	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	17.966	18.85	PASS
N2	15	20	DFT-16QAM	M	100@0	17.911	18.69	PASS
N2	15	20	DFT-64QAM	M	100@0	17.943	18.75	PASS
N2	15	20	DFT-256QAM	M	100@0	17.932	18.77	PASS
N2	15	20	CP-QPSK	M	106@0	18.981	19.81	PASS
N2	15	20	CP-16QAM	M	106@0	18.941	19.94	PASS
N2	15	20	CP-64QAM	M	106@0	18.995	19.82	PASS
N2	15	20	CP-256QAM	M	106@0	18.942	19.86	PASS
N2	15	20	DFT-QPSK	H	100@0	17.910	18.76	PASS
N2	15	20	DFT-PI2BPSK	H	100@0	17.907	18.67	PASS
N2	15	20	DFT-16QAM	H	100@0	17.875	18.74	PASS
N2	15	20	DFT-64QAM	H	100@0	17.893	18.67	PASS
N2	15	20	DFT-256QAM	H	100@0	17.848	18.74	PASS
N2	15	20	CP-QPSK	H	106@0	18.907	19.81	PASS
N2	15	20	CP-16QAM	H	106@0	18.901	19.90	PASS
N2	15	20	CP-64QAM	H	106@0	18.902	19.79	PASS
N2	15	20	CP-256QAM	H	106@0	18.907	19.90	PASS

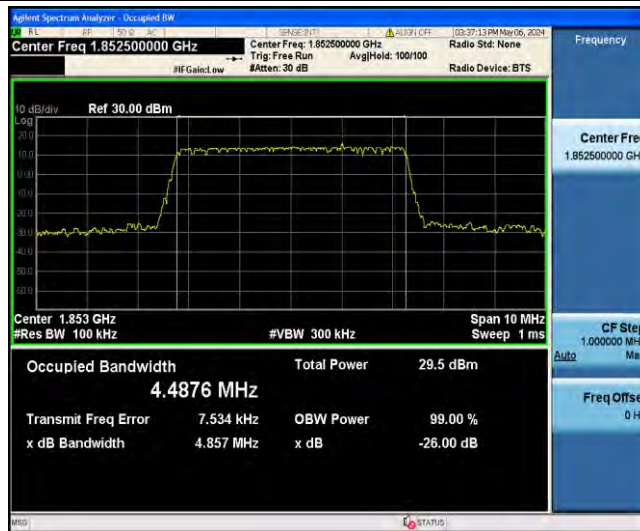
# Test Graphs



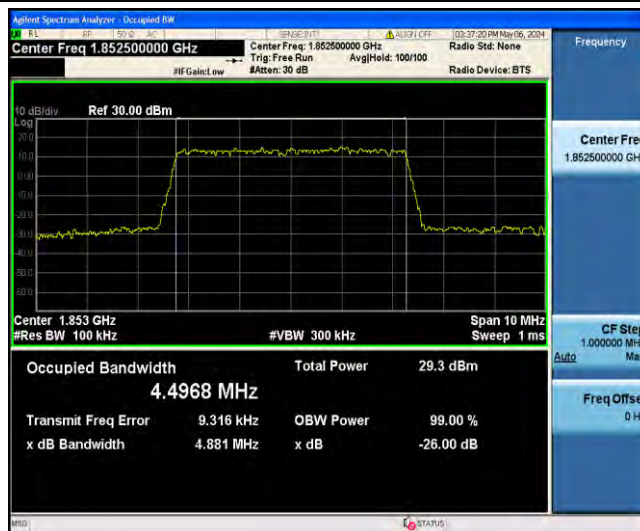
1-N2-PC3-15-5-L-1-DFT-QPSK-Outer\_Full-25@0-Ant31-4.4975-4.862-≤5-PASS



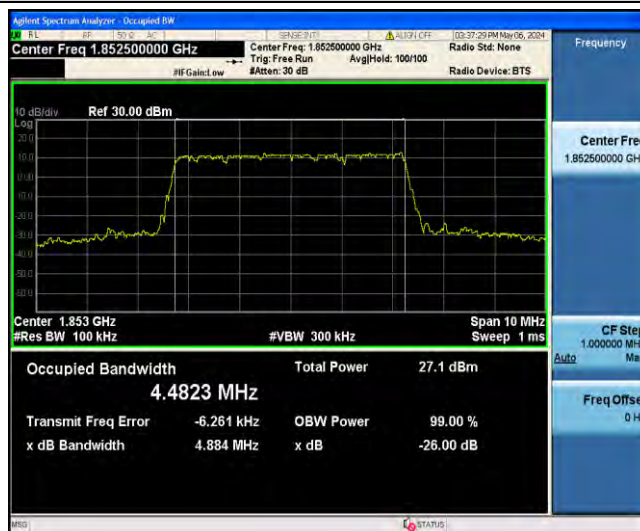
1-N2-PC3-15-5-L-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant31-4.4951-4.906-≤5-PASS



1-N2-PC3-15-5-L-3-DFT-16QAM-Outer\_Full-25@0-Ant31-4.4876-4.857-<math>\leq</math>5-PASS



1-N2-PC3-15-5-L-4-DFT-64QAM-Outer\_Full-25@0-Ant31-4.4968-4.881-<math>\leq</math>5-PASS



1-N2-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant31-4.4823-4.884-<math>\leq</math>5-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant31-4.4860-4.830-≤5-PASS



1-N2-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant31-4.5085-4.919-≤5-PASS



1-N2-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant31-4.5009-4.890-≤5-PASS



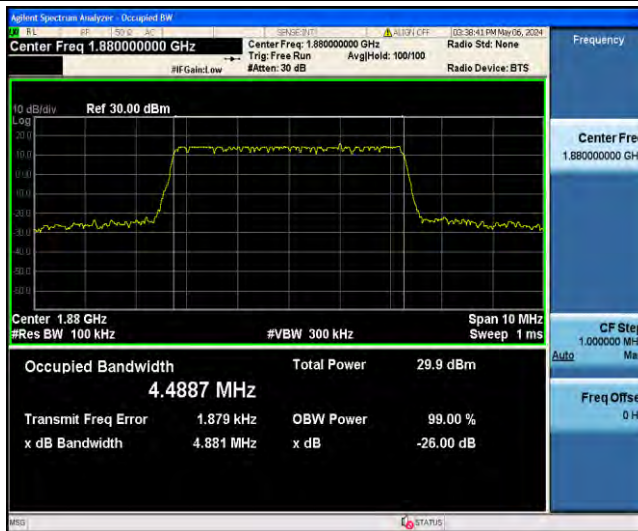
1-N2-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant31-4.5002-4.849-≤5-PASS



1-N2-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant31-4.4857-4.875-≤5-PASS



1-N2-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant31-4.4905-4.859-≤5-PASS



1-N2-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant31-4.4887-4.881-≤5-PASS

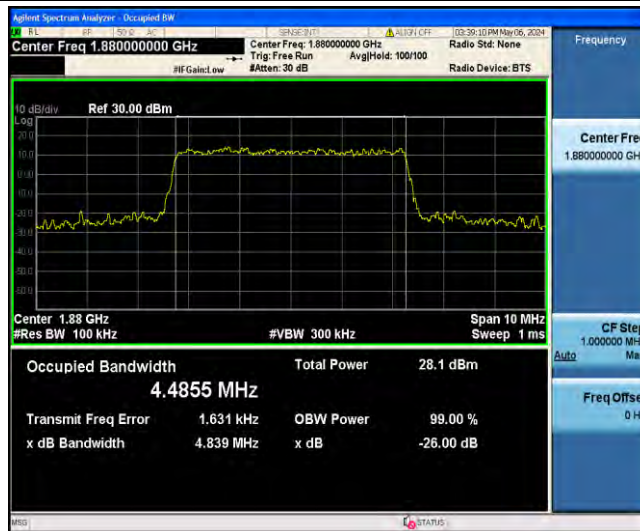


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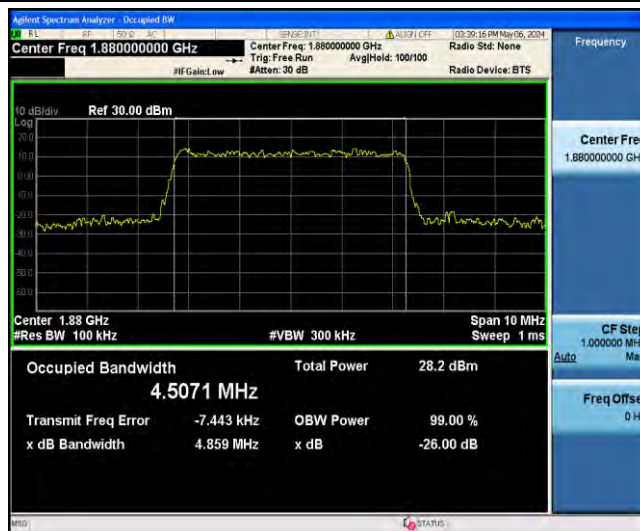


1-N2-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant31-4.4964-4.900-≤5-PASS

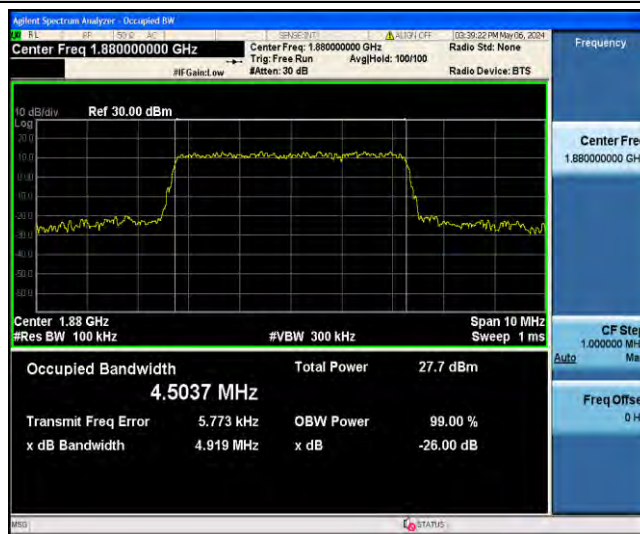




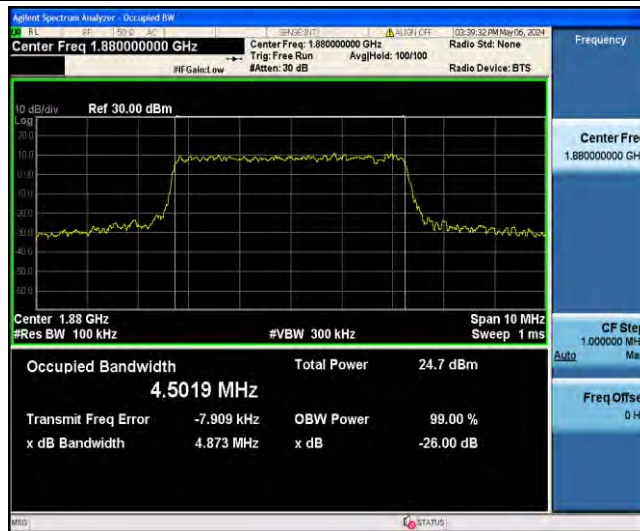
1-N2-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant31-4.4855-4.839-≤5-PASS



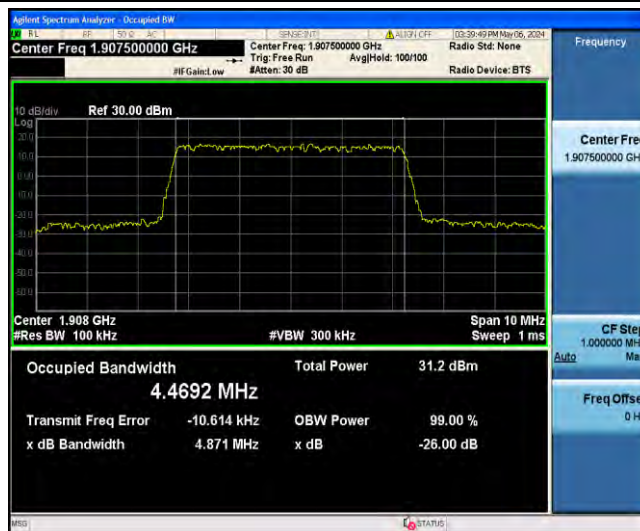
1-N2-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant31-4.5071-4.859-≤5-PASS



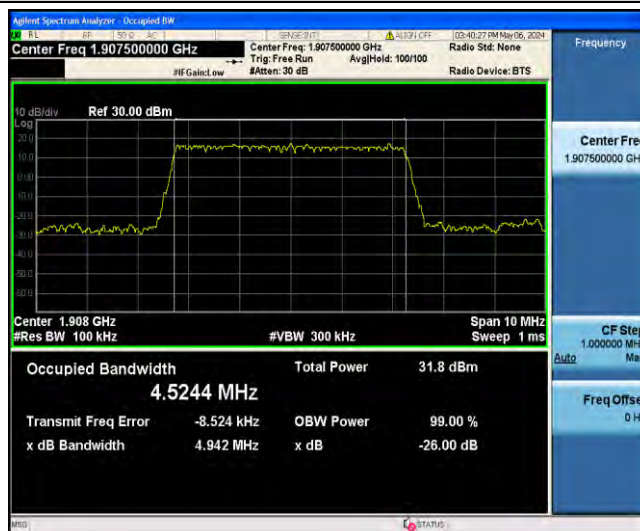
1-N2-PC3-15-5-M-8-CP-64QAM-Outer\_Full-25@0-Ant31-4.5037-4.919-≤5-PASS



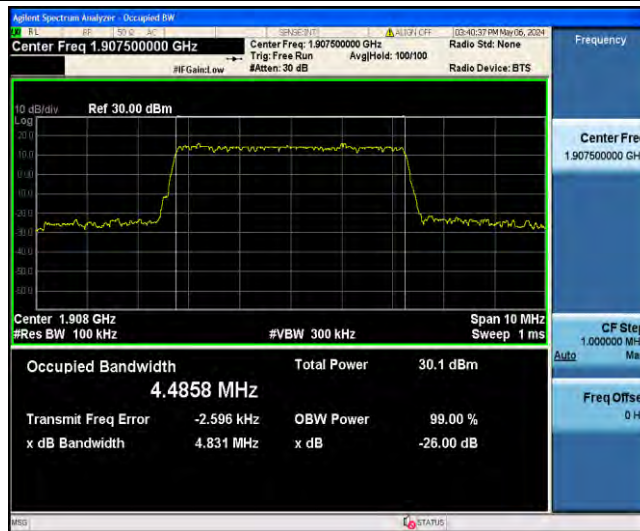
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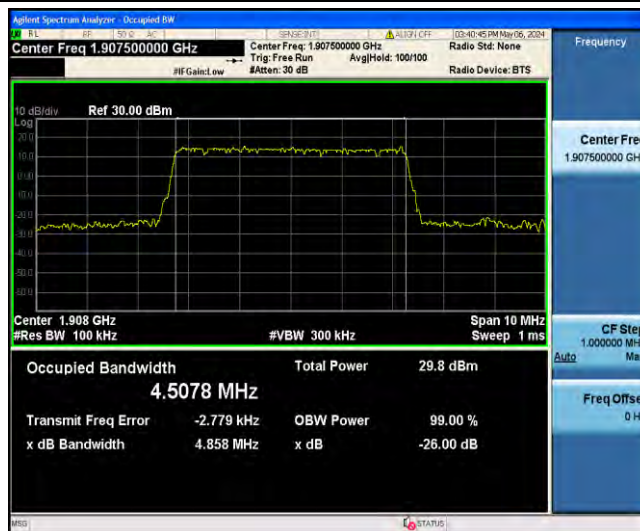
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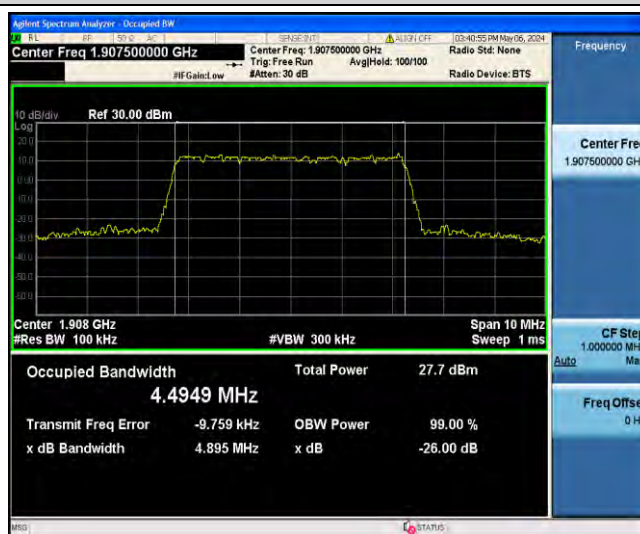
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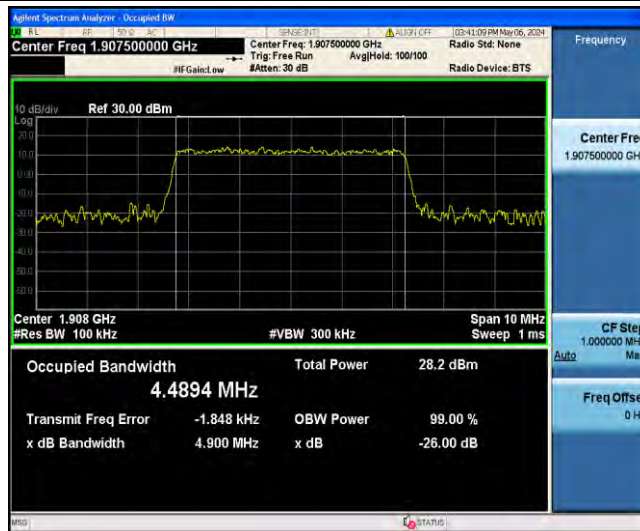
1-N2-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant31-4.4858-4.831-≤5-PASS



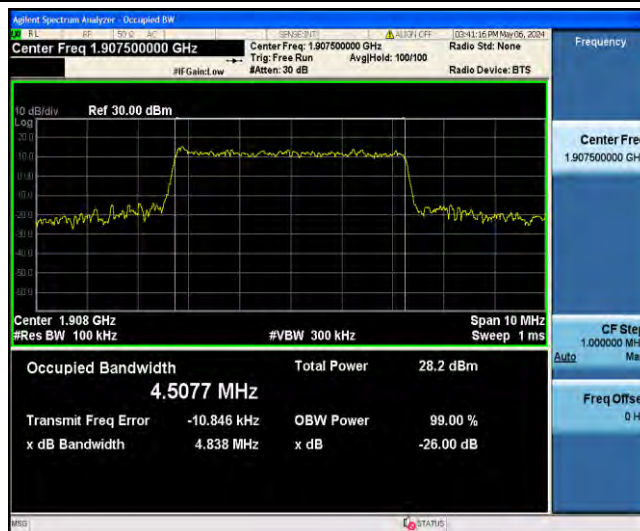
1-N2-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant31-4.5078-4.858-≤5-PASS



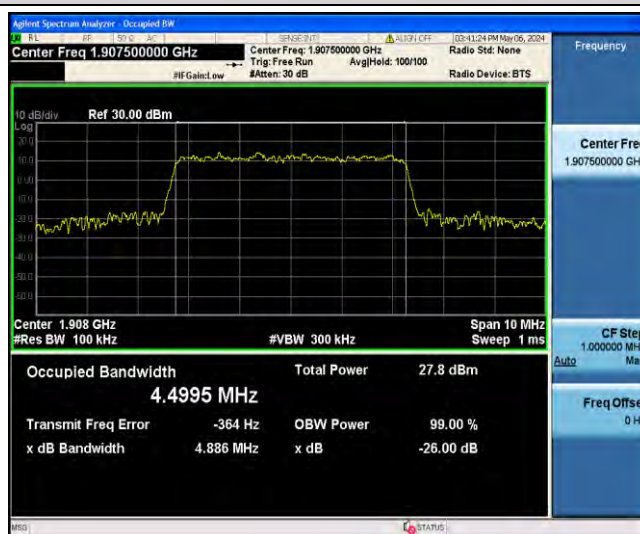
1-N2-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant31-4.4949-4.895-≤5-PASS



1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant31-4.4894-4.900-≤5-PASS



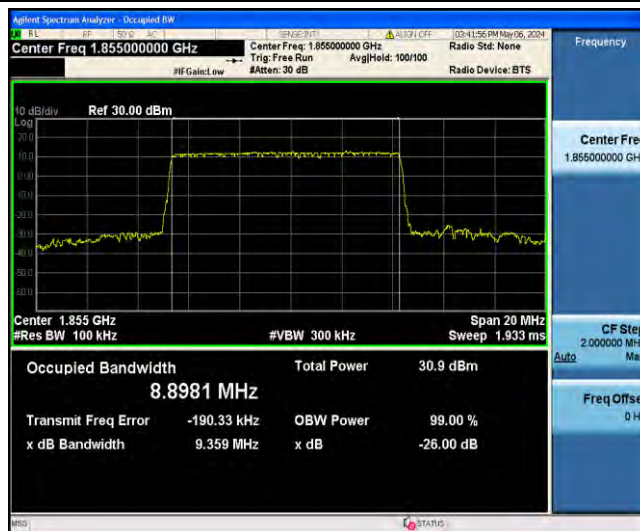
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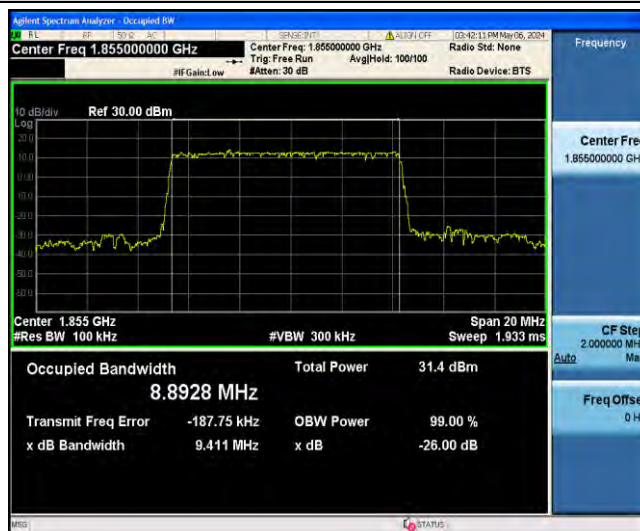
1-N2-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-Ant31-4.4995-4.886-≤5-PASS



1-N2-PC3-15-5-H-9-CP-25QAM-Outer\_Full-25@0-Ant31-4.4952-4.916-≤5-PASS



1-N2-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-Ant31-8.8981-9.359-≤10-PASS



1-N2-PC3-15-10-L-2-DFT-Pi2BPSK-Outer\_Full-50@0-Ant31-8.8928-9.411-≤10-PASS



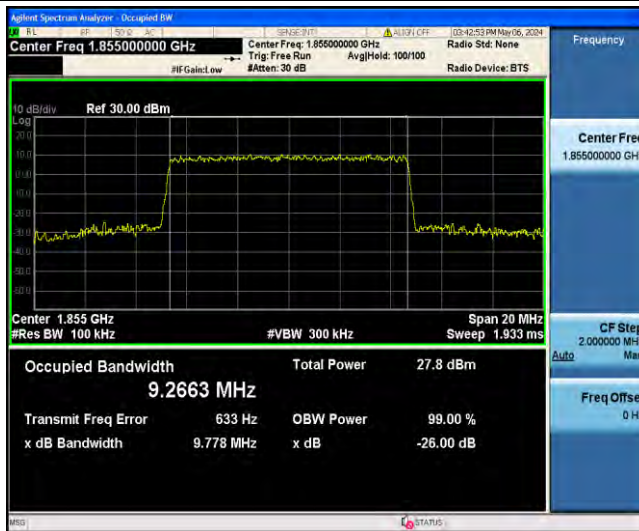
1-N2-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant31-8.9181-9.390-≤10-PASS



1-N2-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant31-8.9215-9.385-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant31-8.8837-9.332-≤10-PASS



1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant31-9.2663-9.778-≤10-PASS



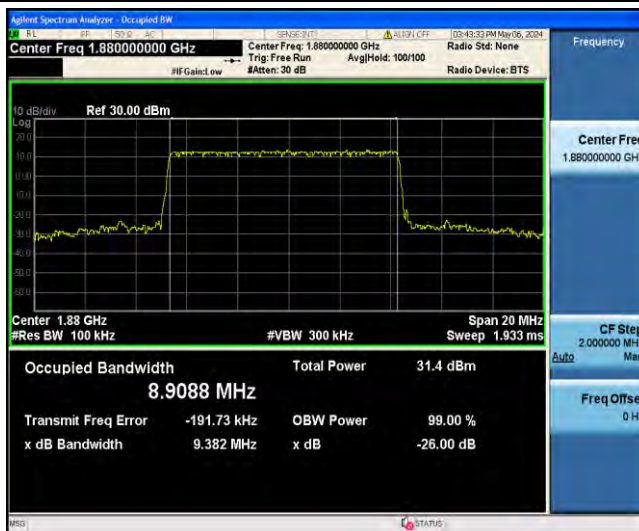
1-N2-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-Ant31-9.2787-9.699-≤10-PASS



1-N2-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-Ant31-9.2860-9.747-≤10-PASS



1-N2-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-Ant31-9.2569-9.732-<10-PASS



1-N2-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant31-8.9088-9.382-<10-PASS

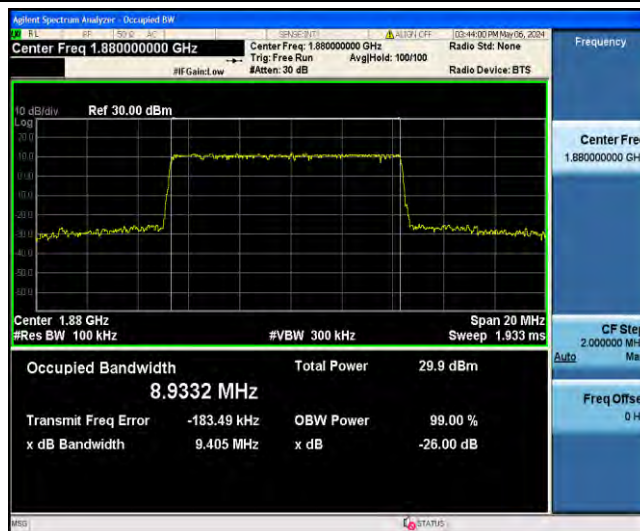


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1-N2-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant31-8.9276-9.402-≤10-PASS



1-N2-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant31-8.9332-9.405-≤10-PASS



1-N2-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant31-8.9204-9.382-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant31-9.2899-9.760-≤10-PASS



1-N2-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant31-9.2870-9.738-≤10-PASS



1-N2-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant31-9.3092-9.737-≤10-PASS



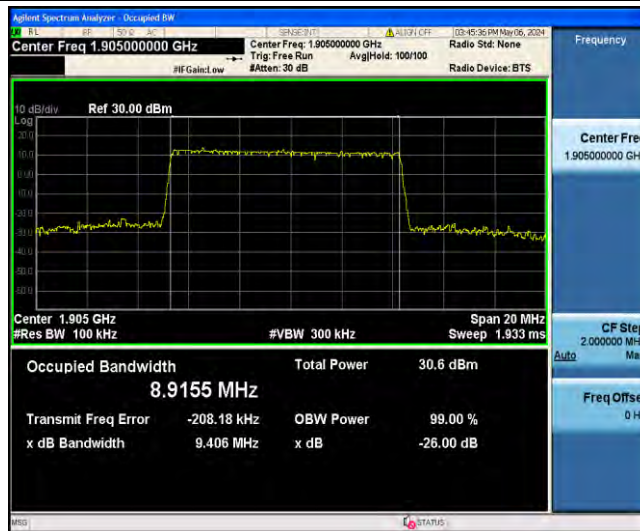
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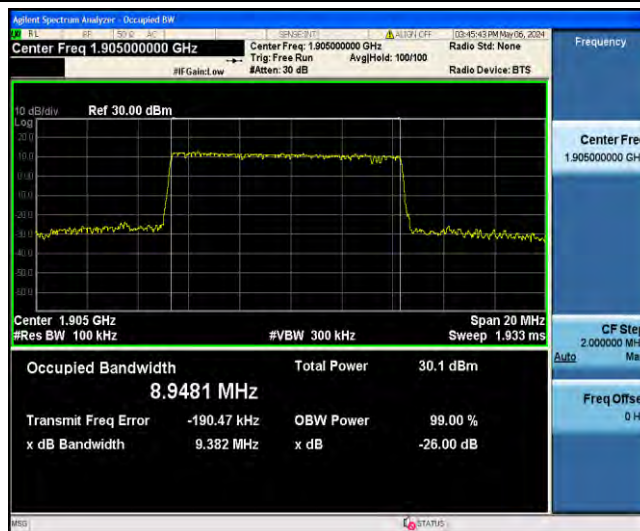
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1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant31-8.9071-9.378-≤10-PASS



1-N2-PC3-15-10-H-3-DFT-16QAM-Outer\_Full-50@0-Ant31-8.9155-9.406-≤10-PASS



1-N2-PC3-15-10-H-4-DFT-64QAM-Outer\_Full-50@0-Ant31-8.9481-9.382-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant31-8.9085-9.358-≤10-PASS



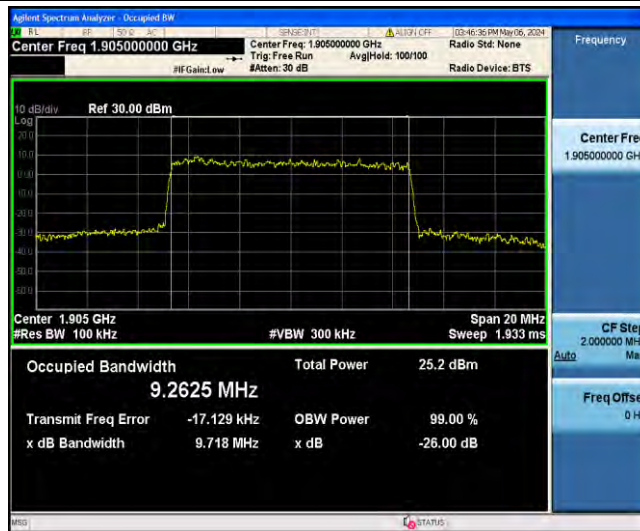
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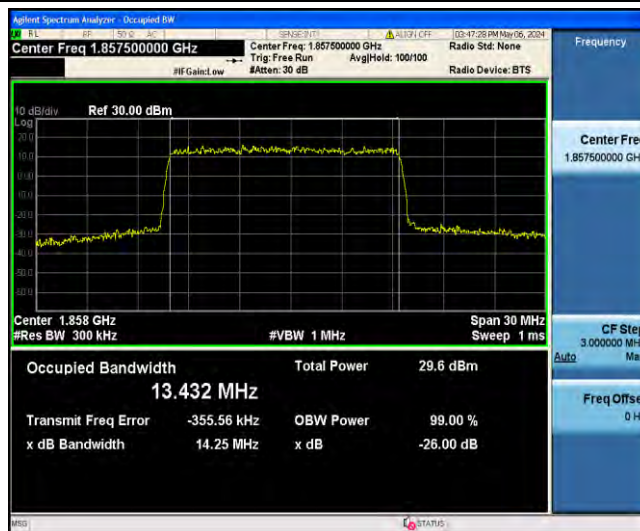
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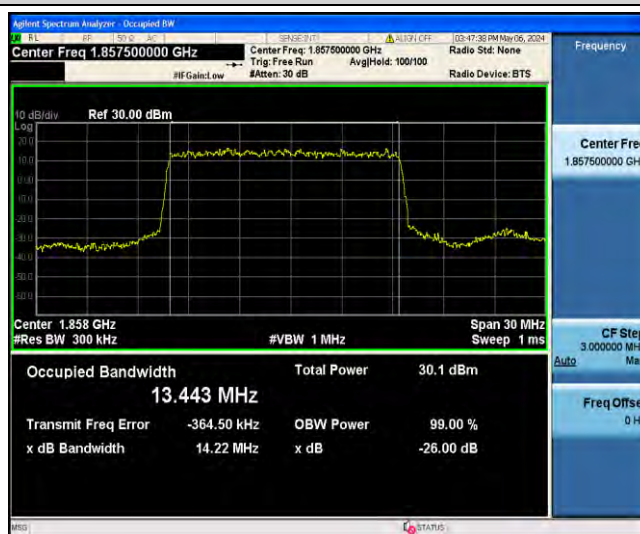
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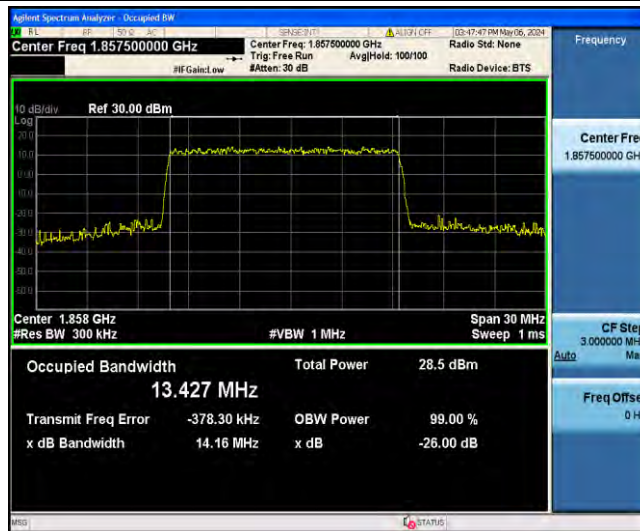
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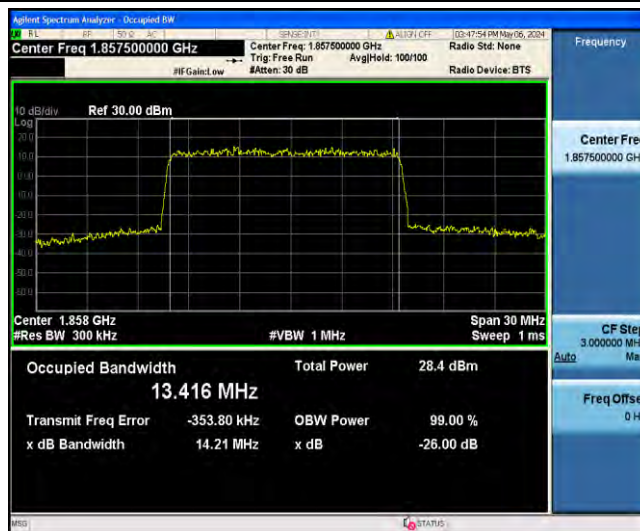
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1-N2-PC3-15-15-L-2-DFT-Pi2BPSK-Outer\_Full-75@0-Ant31-13.443-14.22-≤15-PASS



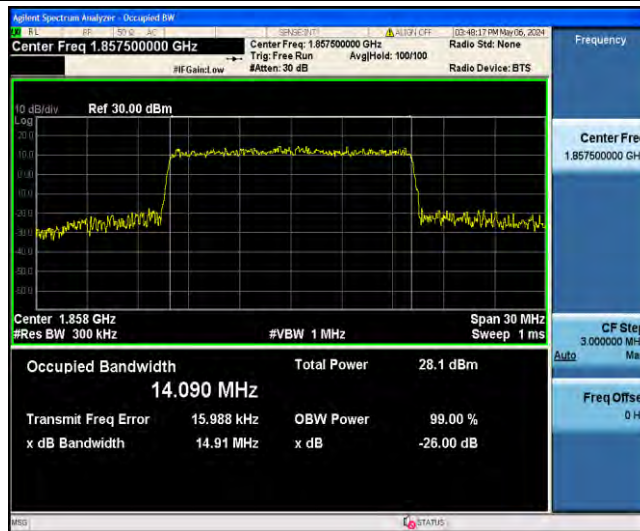
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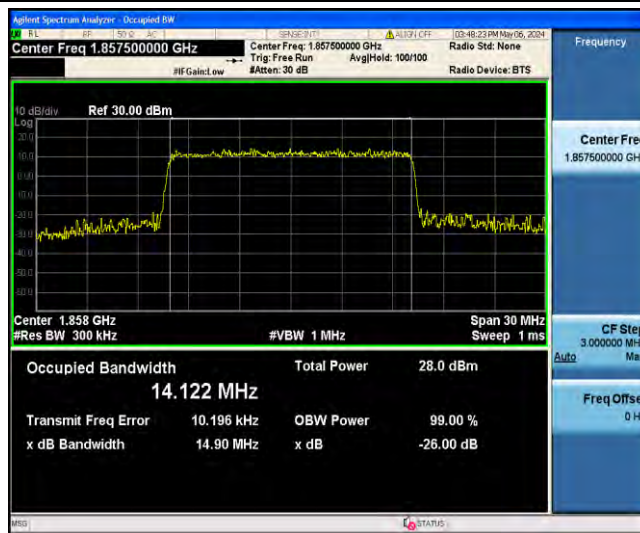
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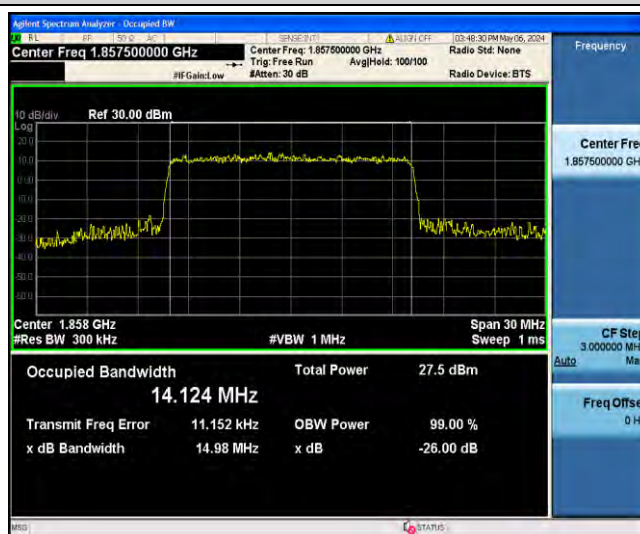
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1-N2-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant31-14.090-14.91-≤15-PASS

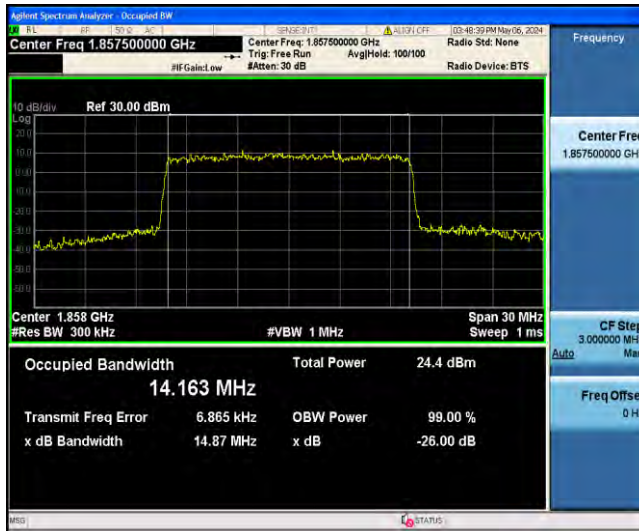


1-N2-PC3-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant31-14.122-14.90-≤15-PASS



1-N2-PC3-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant31-14.124-14.98-≤15-PASS





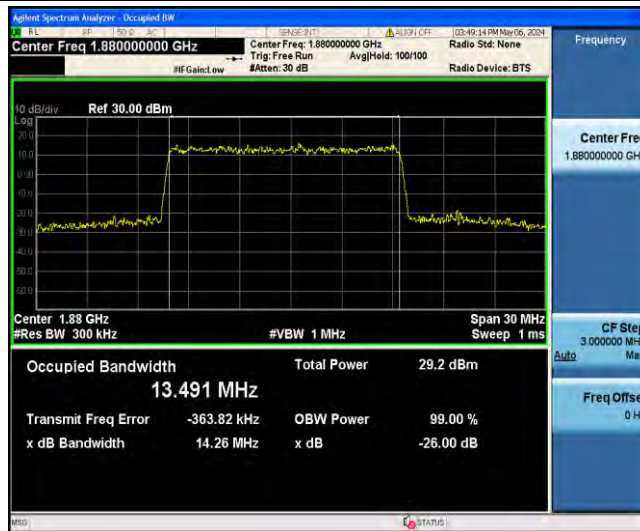
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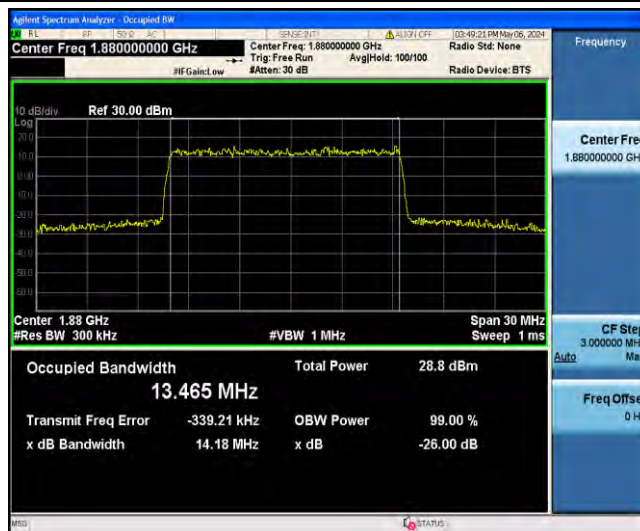
1-N2-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant31-13.513-14.21-≤15-PASS



1-N2-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant31-13.482-14.32-≤15-PASS



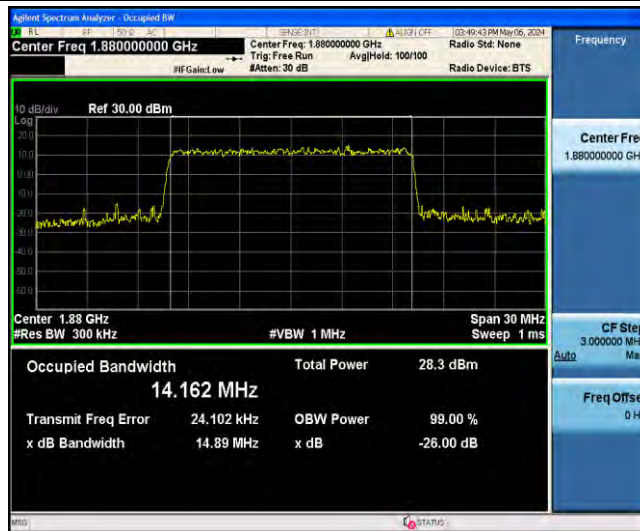
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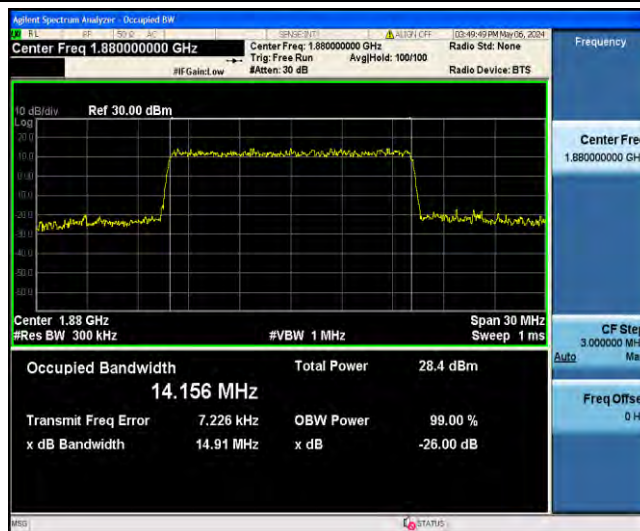
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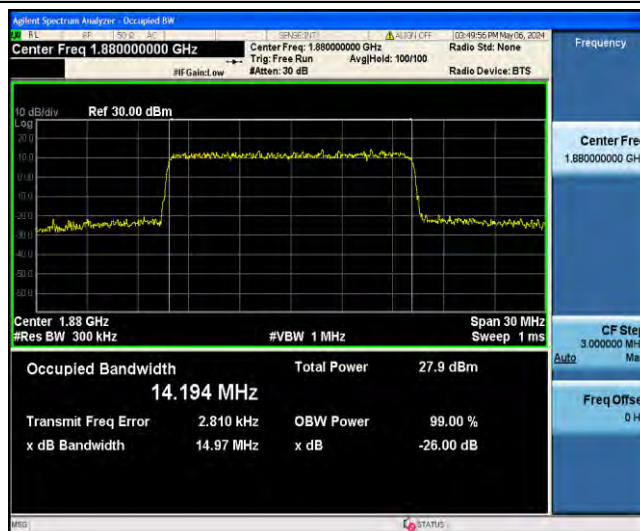
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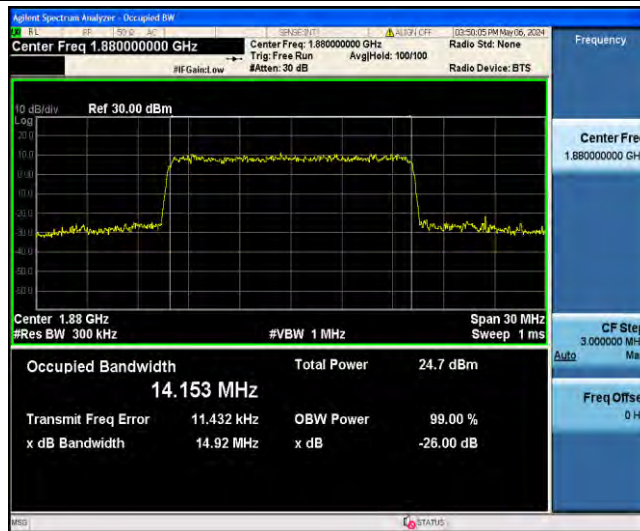
1-N2-PC3-15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant31-14.162-14.89-≤15-PASS



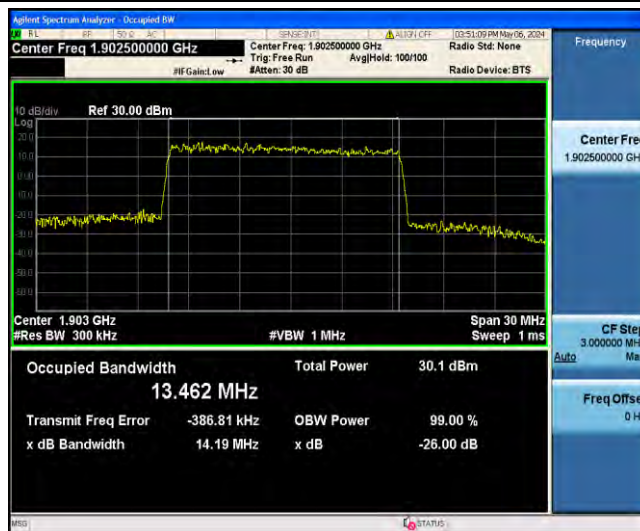
1-N2-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant31-14.156-14.91-≤15-PASS



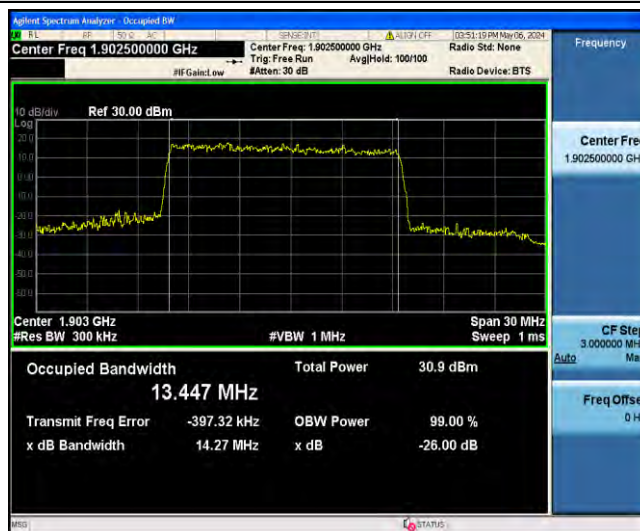
1-N2-PC3-15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant31-14.194-14.97-≤15-PASS



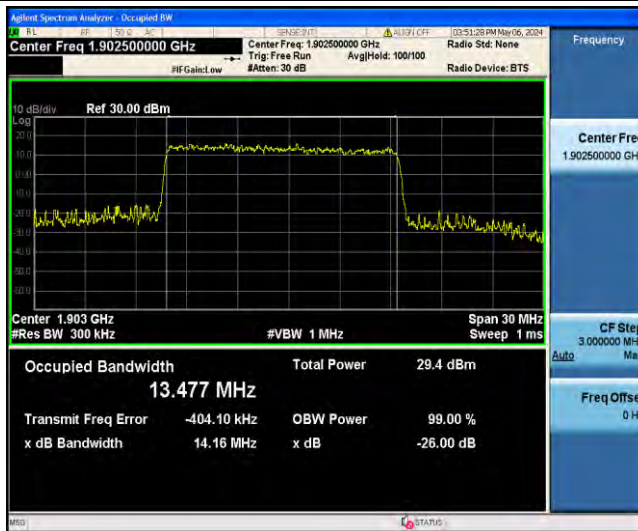
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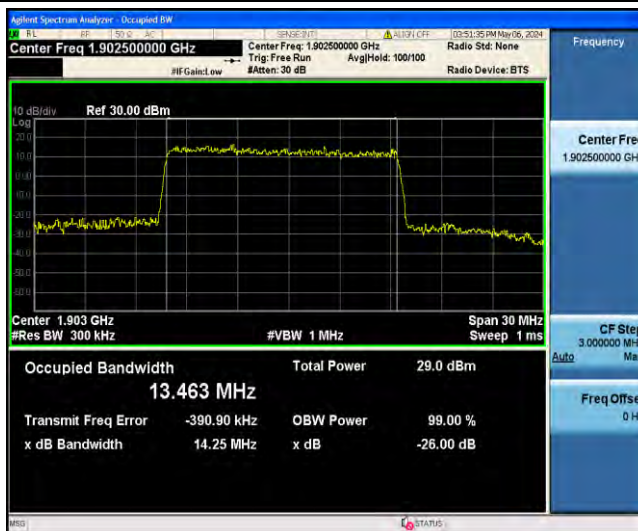
1-N2-PC3-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant31-13.462-14.19-≤15-PASS



1-N2-PC3-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant31-13.447-14.27-≤15-PASS



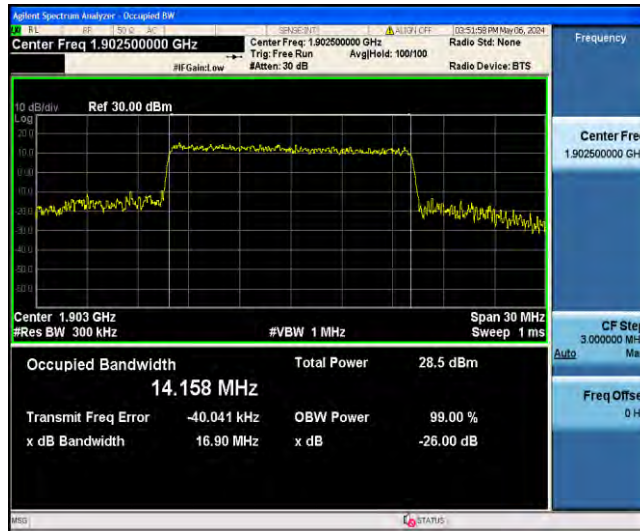
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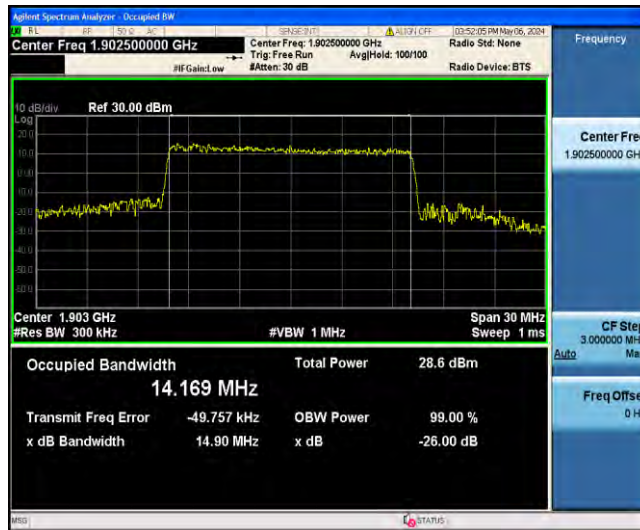
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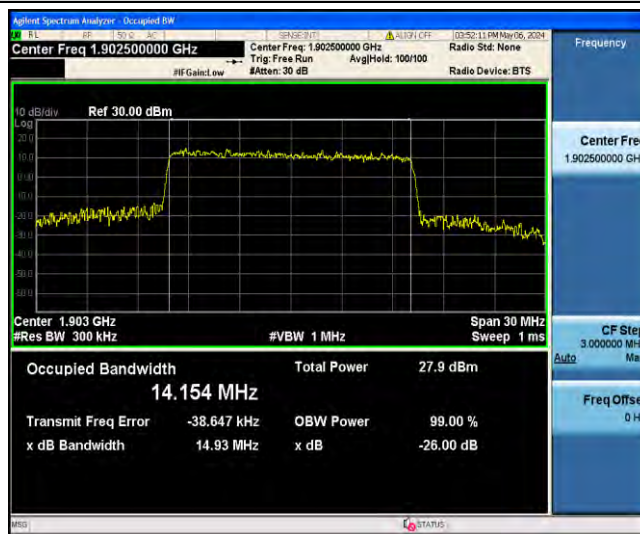
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1-N2-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant31-14.158-16.90-≤15-PASS



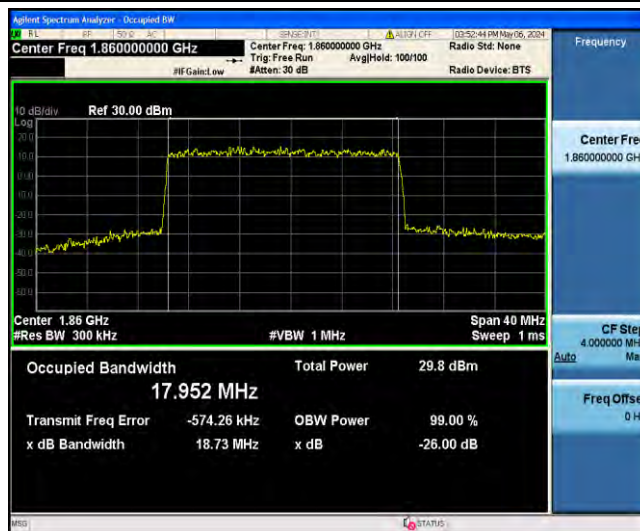
1-N2-PC3-15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant31-14.169-14.90-≤15-PASS



1-N2-PC3-15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant31-14.154-14.93-≤15-PASS



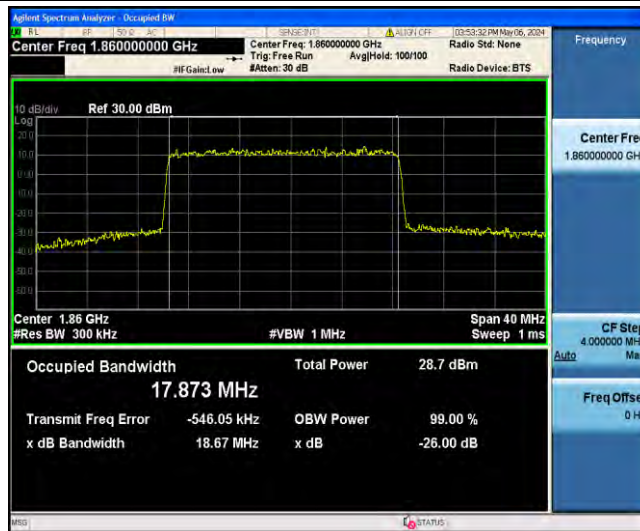
1-N2-PC3-15-15-H-9-CP-256QAM-Outer\_Full-79@0-Ant31-14.158-15.02-≤15-PASS



1-N2-PC3-15-20-L-1-DFT-QPSK-Outer\_Full-100@0-Ant31-17.952-18.73-≤20-PASS



1-N2-PC3-15-20-L-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant31-17.876-18.74-≤20-PASS



1-N2-PC3-15-20-L-3-DFT-16QAM-Outer\_Full-100@0-Ant31-17.873-18.67-≤20-PASS

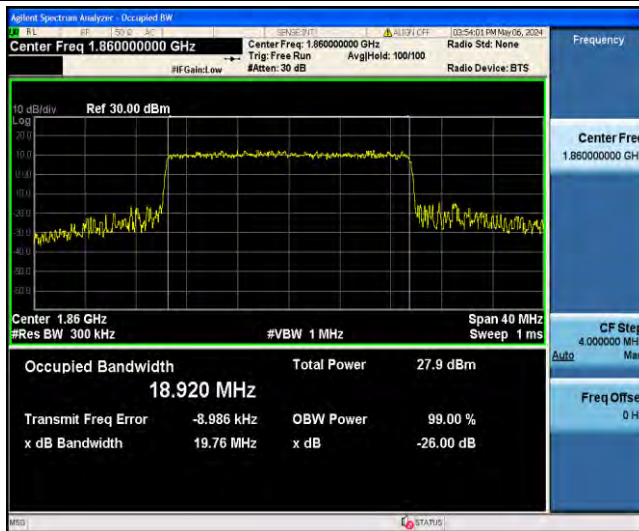


1-N2-PC3-15-20-L-4-DFT-64QAM-Outer\_Full-100@0-Ant31-17.900-18.77-≤20-PASS



1-N2-PC3-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-Ant31-17.867-18.69-≤20-PASS





1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant31-18.920-19.76-≤20-PASS



1-N2-PC3-15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant31-18.926-19.91-≤20-PASS



1-N2-PC3-15-20-L-8-CP-64QAM-Outer\_Full-106@0-Ant31-18.894-19.79-≤20-PASS



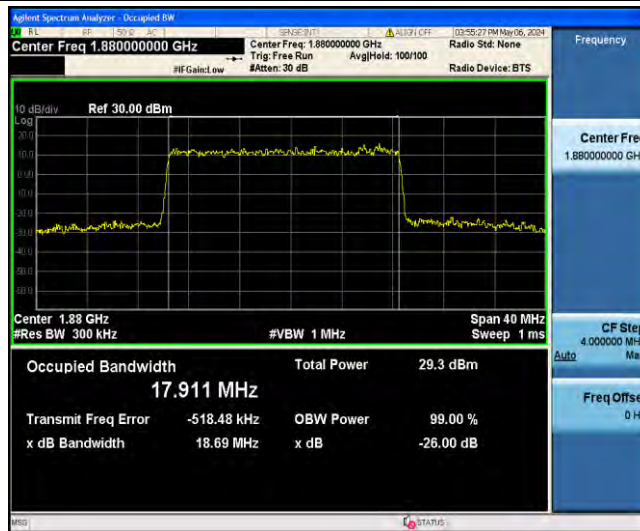
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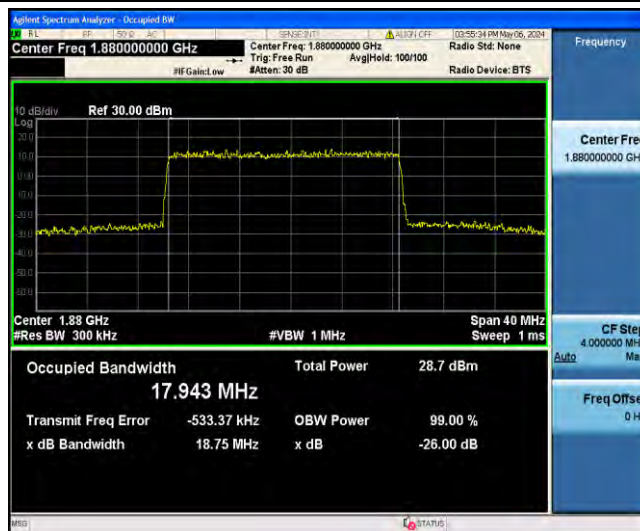
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1-N2-PC3-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant31-17.966-18.85-≤20-PASS



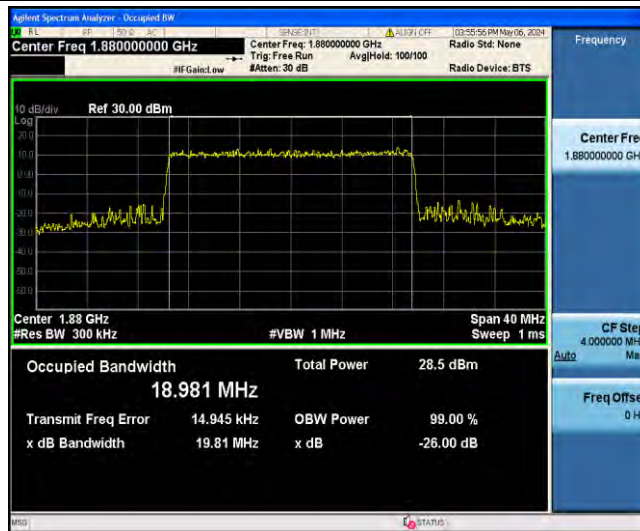
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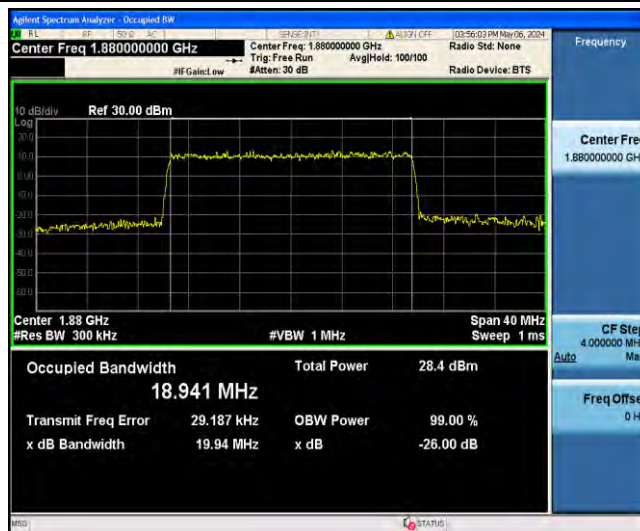
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1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant31-17.932-18.77-≤20-PASS



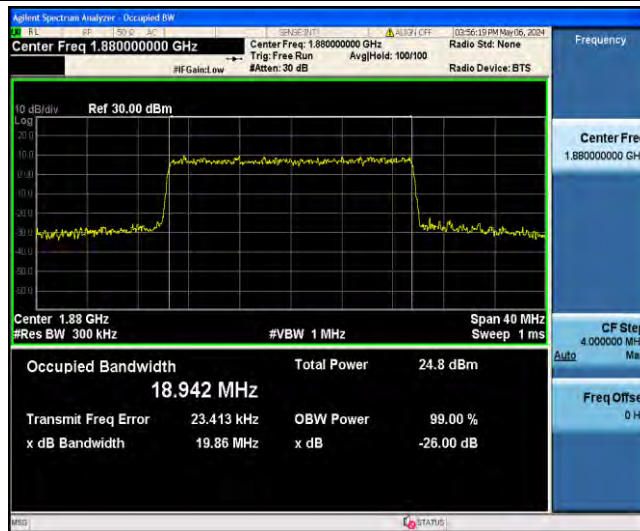
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1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant31-18.941-19.94-≤20-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant31-18.995-19.82-≤20-PASS



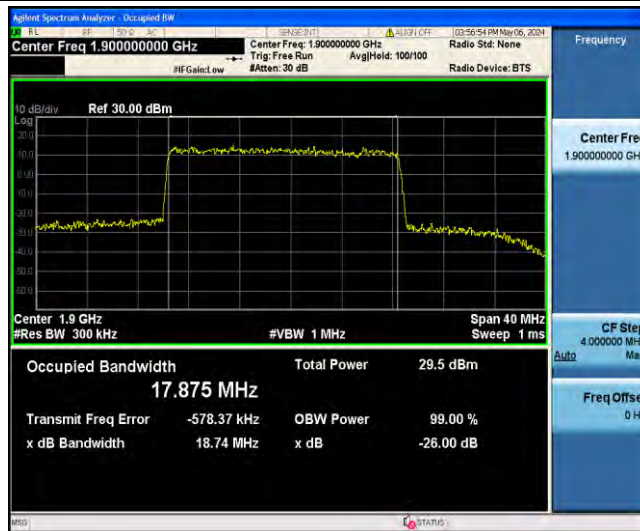
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1-N2-PC3-15-20-H-1-DFT-QPSK-Outer\_Full-100@0-Ant31-17.910-18.76-≤20-PASS



1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant31-17.907-18.67-≤20-PASS



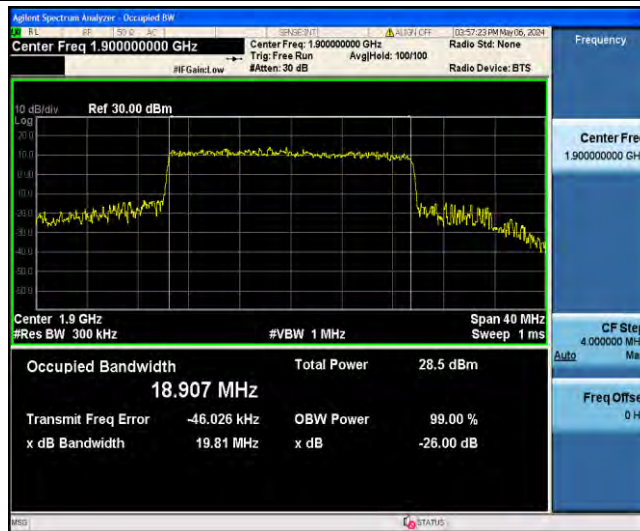
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1-N2-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100@0-Ant31-17.893-18.67-<20-PASS



1-N2-PC3-15-20-H-5-DFT-256QAM-Outer\_Full-100@0-Ant31-17.848-18.74-<20-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant31-18.907-19.81-≤20-PASS



1-N2-PC3-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant31-18.901-19.90-≤20-PASS



1-N2-PC3-15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant31-18.902-19.79-≤20-PASS

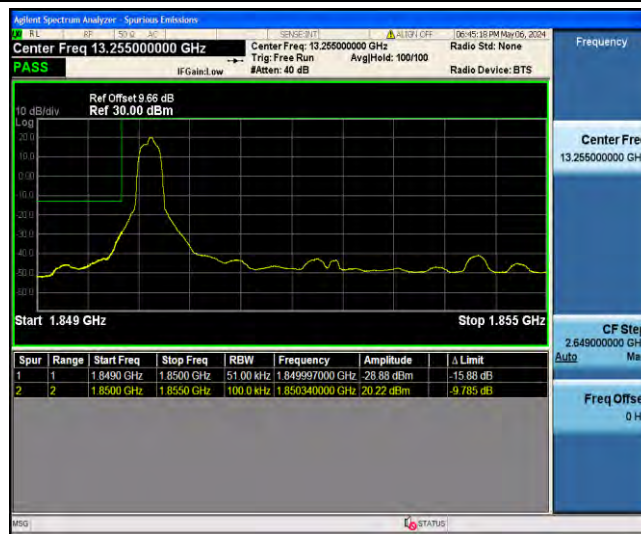


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# Band Edge for SA

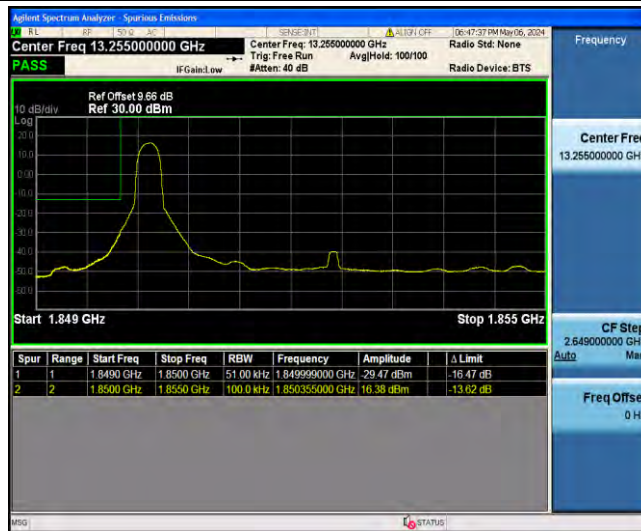
## Test Graphs



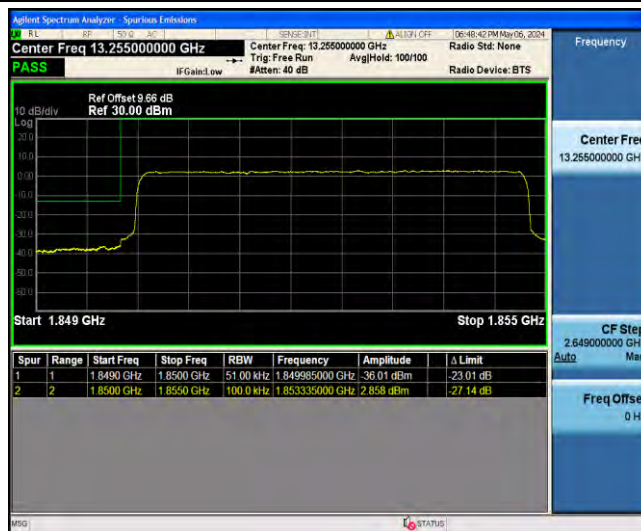
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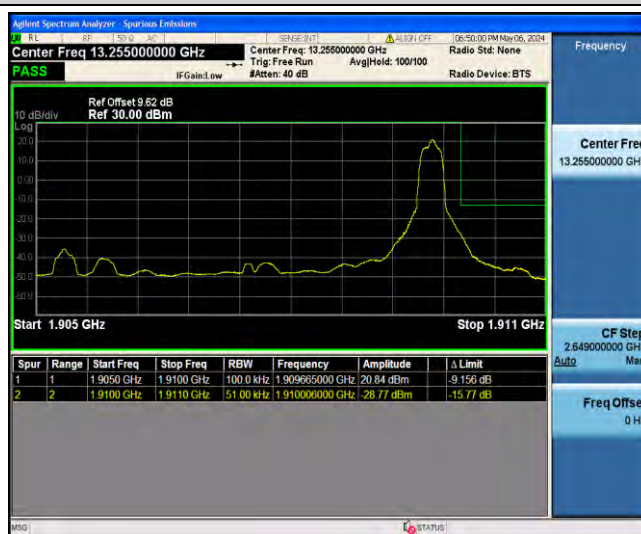
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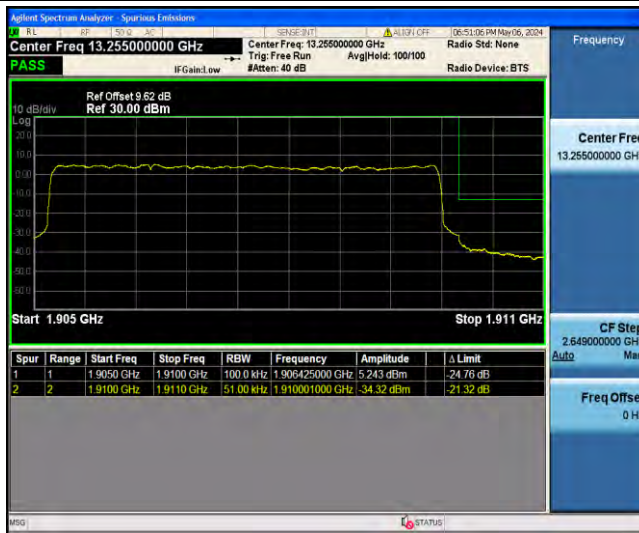
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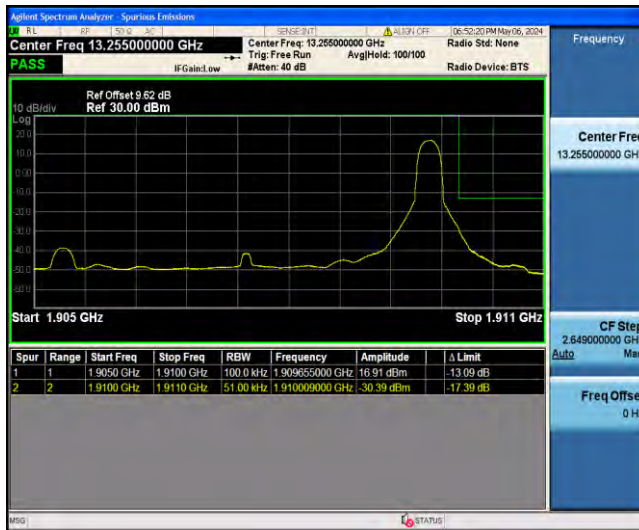
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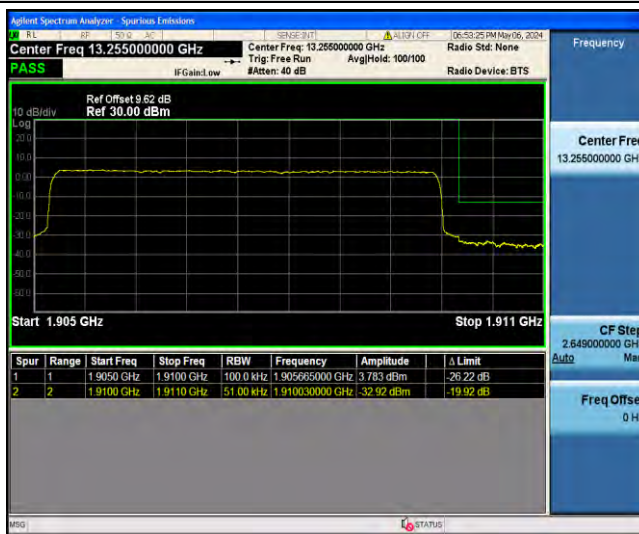
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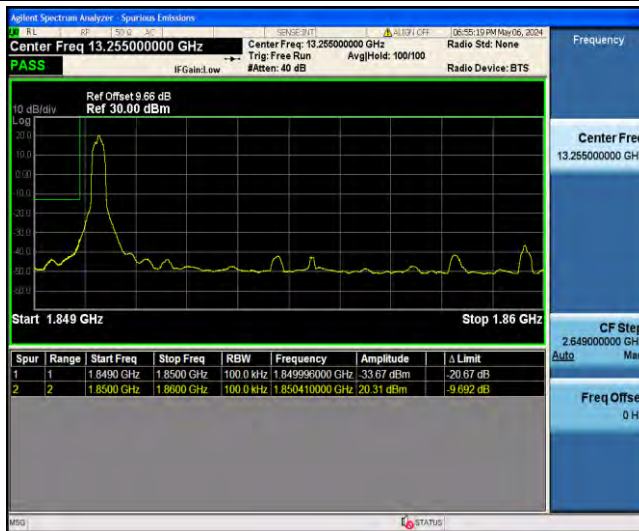
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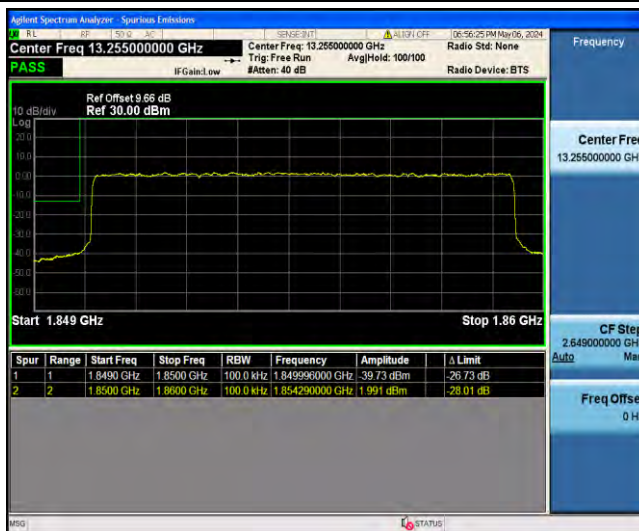
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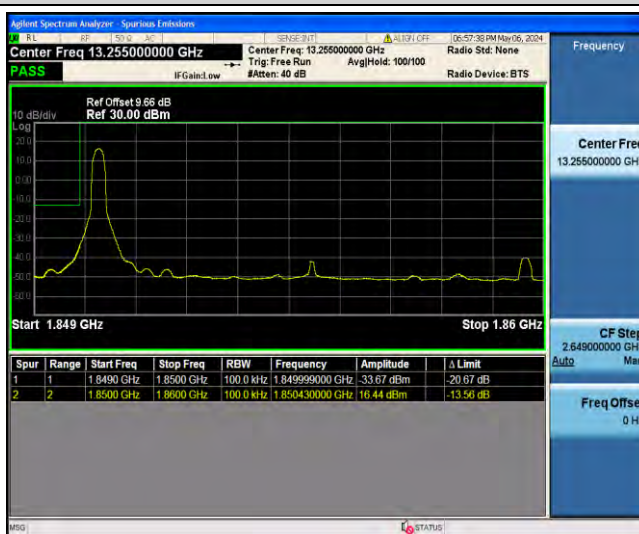
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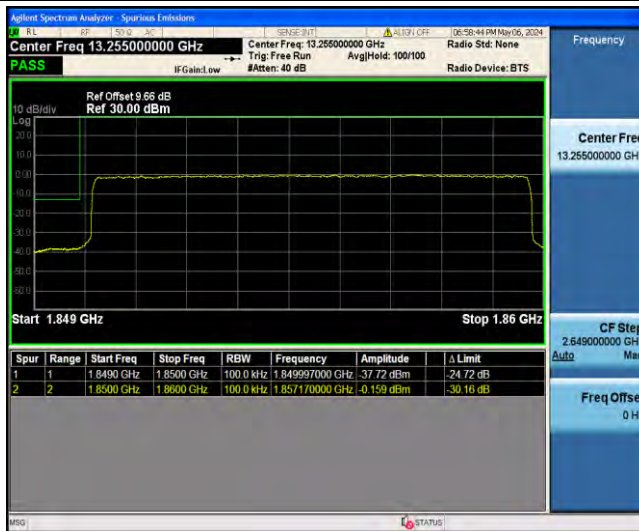
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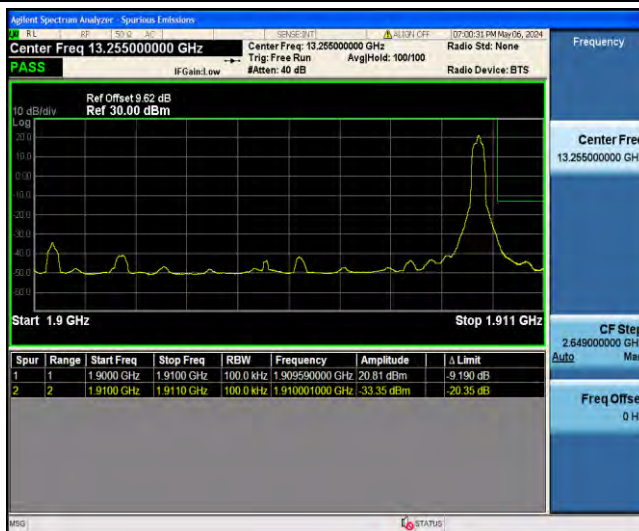
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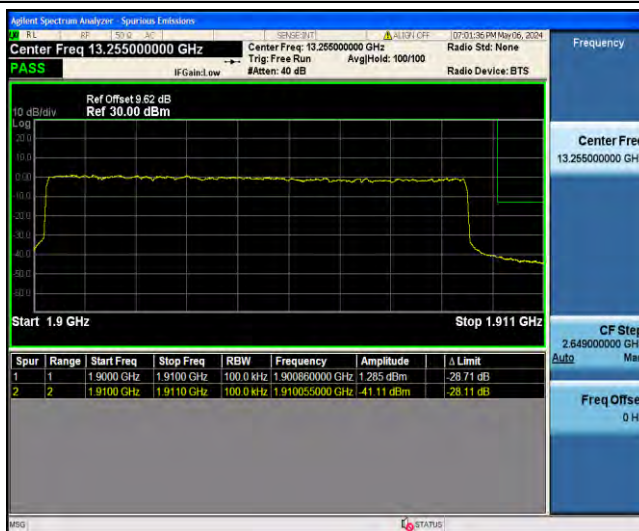
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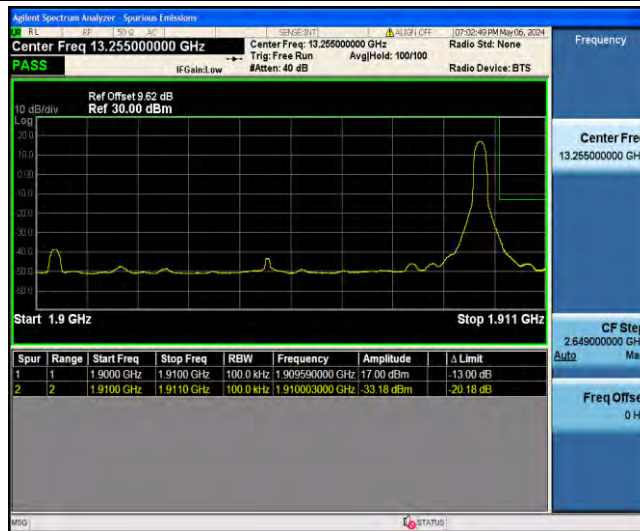
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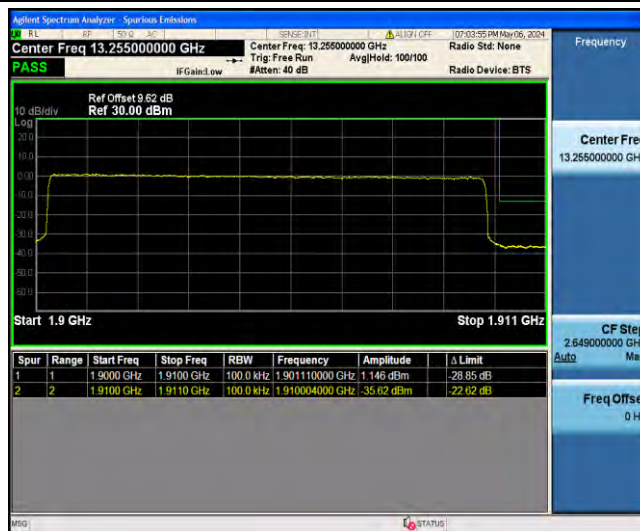
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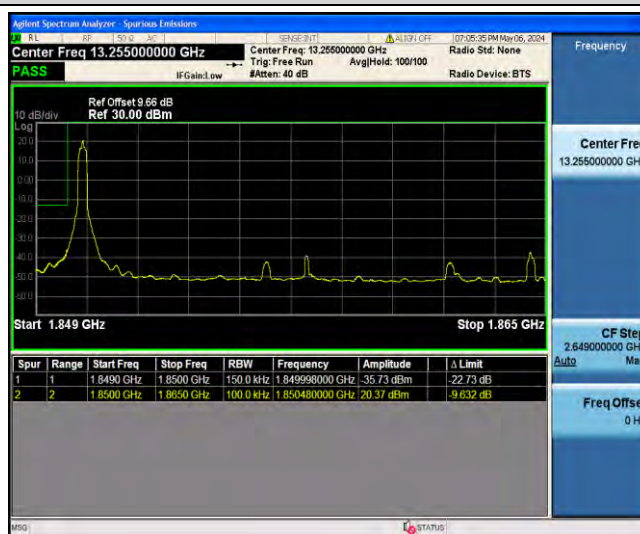
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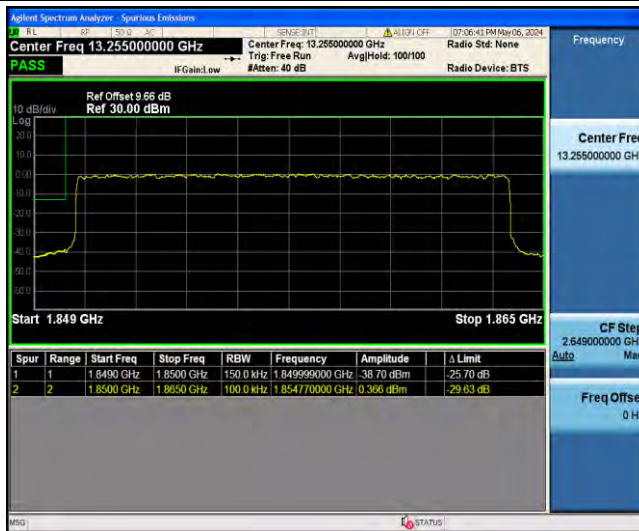
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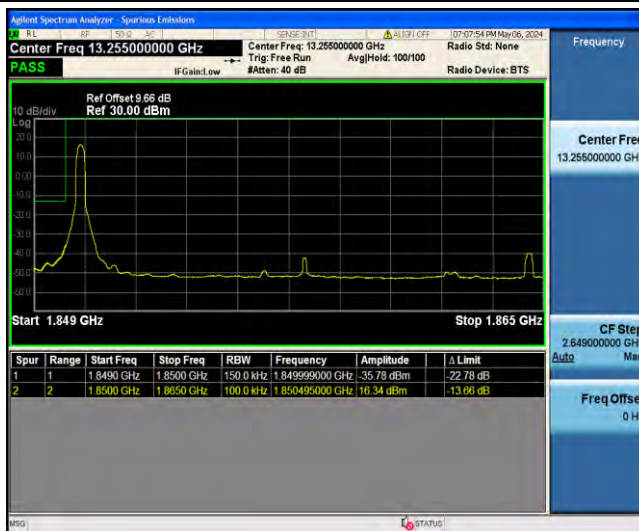
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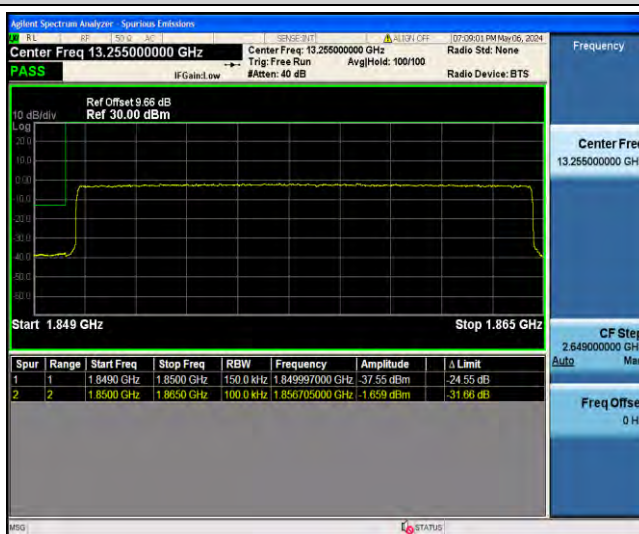
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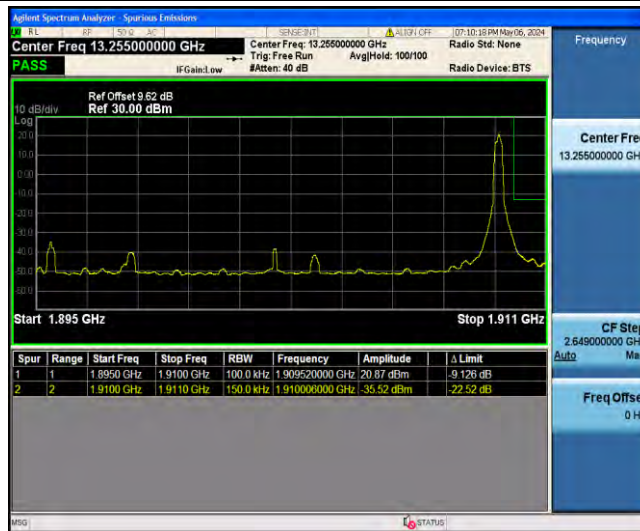
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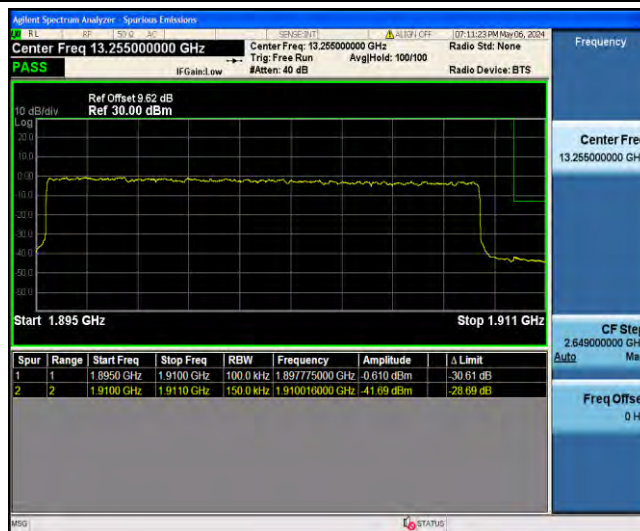
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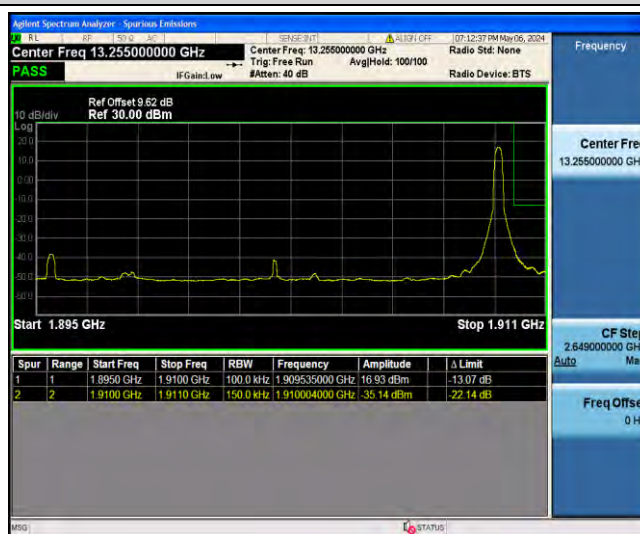
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1-N2-PC3-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant31-1910.01-22.52--35.52-PASS

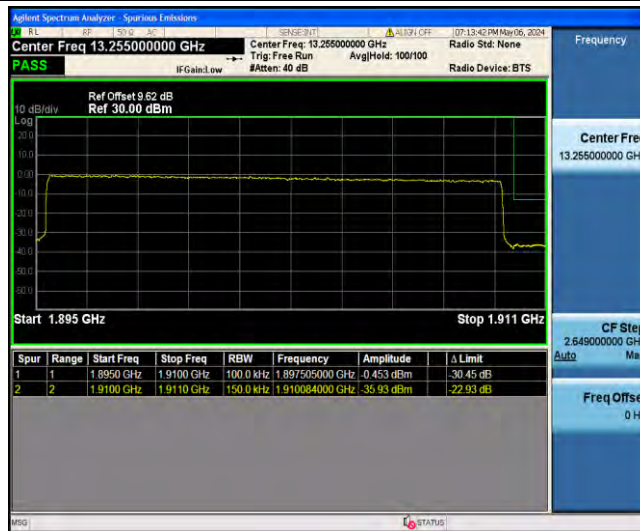


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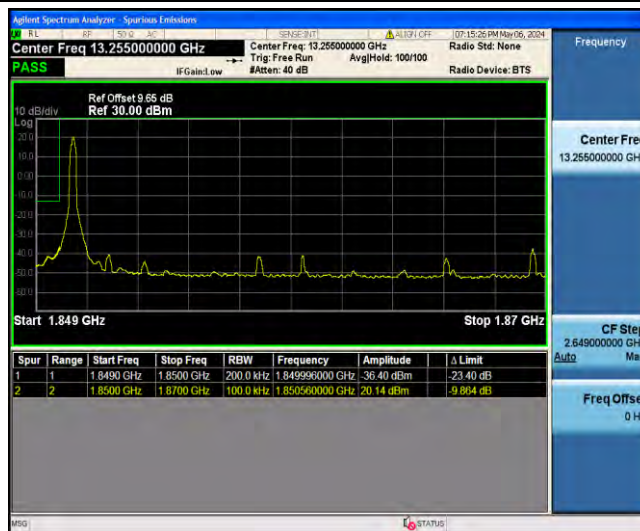


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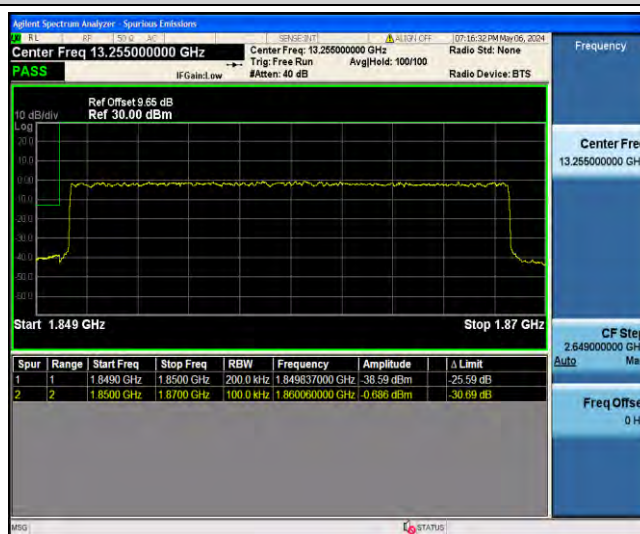




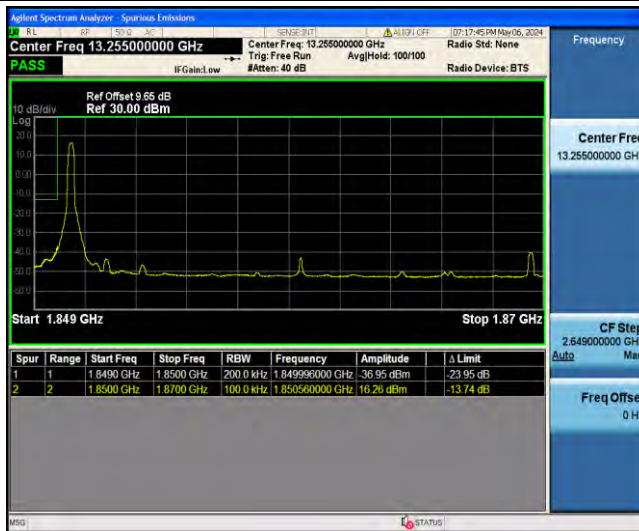
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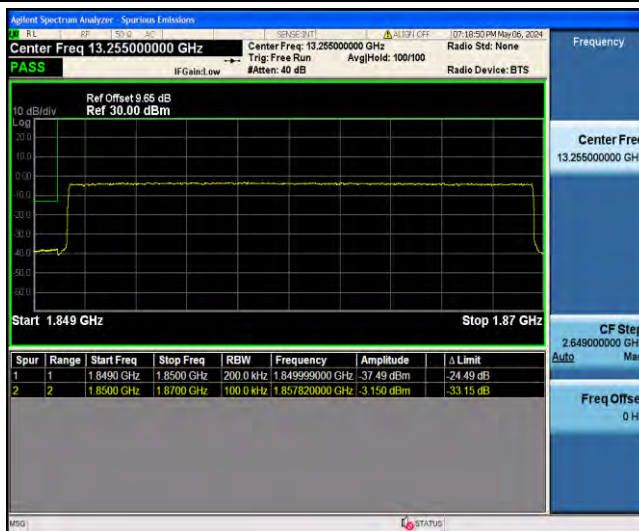
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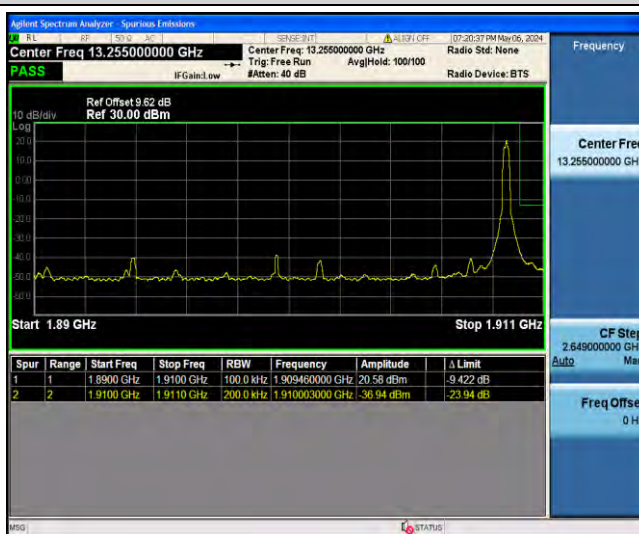
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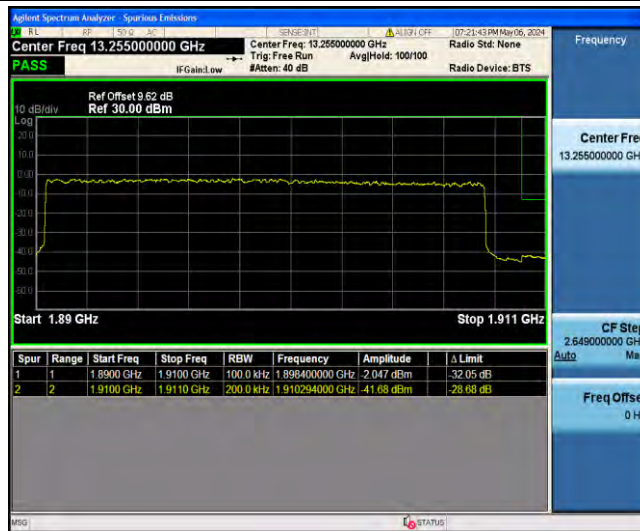
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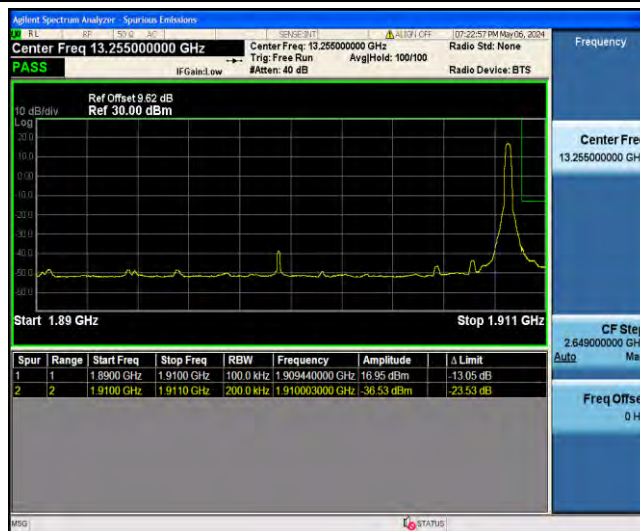
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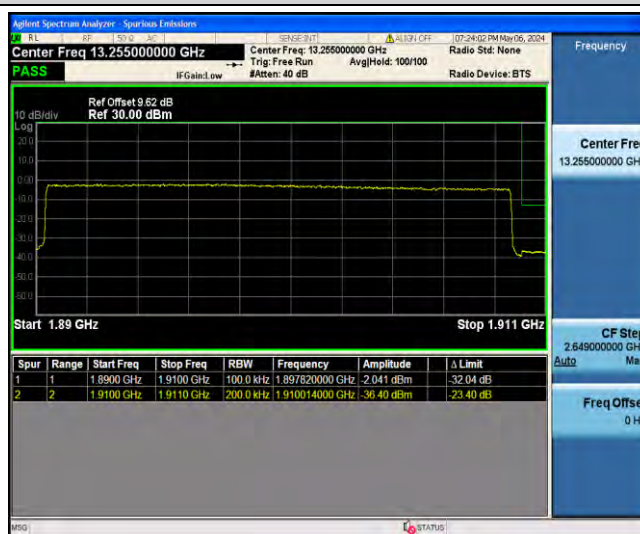
1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant31-1910.00-23.94--36.94-PASS



1-N2-PC3-15-20-H-3-DFT-PI2BPSK-Outet\_Full-100@0-Ant31-1910.29-28.68--41.68-PASS



1-N2-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant31-1910.00-23.53--36.53-PASS



1-N2-PC3-15-20-H-6-CP-QPSK-Outet\_Full-106@0-Ant31-1910.01-23.40--36.40-PASS

## Conducted Spurious Emission for SA

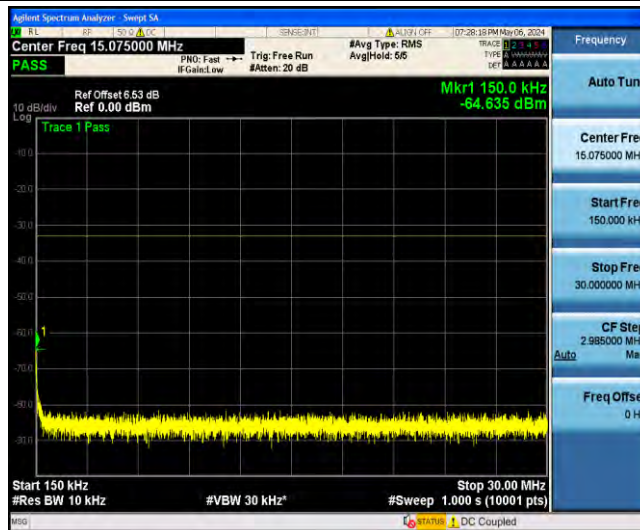
### Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N2	15	20	DFT-PI2BPSK	L	0.009	0.15	1@1	-66.41	-43	PASS
N2	15	20	DFT-PI2BPSK	L	0.15	30	1@1	-64.63	-33	PASS
N2	15	20	DFT-PI2BPSK	L	30	1000	1@1	-54.68	-23	PASS
N2	15	20	DFT-PI2BPSK	L	1000	3000	1@1	-37.27	-13	PASS
N2	15	20	DFT-PI2BPSK	L	3000	12000	1@1	-46.72	-13	PASS
N2	15	20	DFT-PI2BPSK	L	12000	20000	1@1	-43.69	-13	PASS
N2	15	20	DFT-PI2BPSK	M	0.009	0.15	1@1	-62.24	-43	PASS
N2	15	20	DFT-PI2BPSK	M	0.15	30	1@1	-64.69	-33	PASS
N2	15	20	DFT-PI2BPSK	M	30	1000	1@1	-54.87	-23	PASS
N2	15	20	DFT-PI2BPSK	M	1000	3000	1@1	-40.62	-13	PASS
N2	15	20	DFT-PI2BPSK	M	3000	12000	1@1	-46.74	-13	PASS
N2	15	20	DFT-PI2BPSK	M	12000	20000	1@1	-43.73	-13	PASS
N2	15	20	DFT-PI2BPSK	H	0.009	0.15	1@1	-64.67	-43	PASS
N2	15	20	DFT-PI2BPSK	H	0.15	30	1@1	-66.25	-33	PASS
N2	15	20	DFT-PI2BPSK	H	30	1000	1@1	-54.55	-23	PASS
N2	15	20	DFT-PI2BPSK	H	1000	3000	1@1	-37.29	-13	PASS
N2	15	20	DFT-PI2BPSK	H	3000	12000	1@1	-46.57	-13	PASS
N2	15	20	DFT-PI2BPSK	H	12000	20000	1@1	-43.77	-13	PASS

# Test Graphs



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant31-0.01--66.41--43-PASS



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant31-0.15--64.63--33-PASS



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant31-793.29--54.68--23-PASS



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant31-1847.80--37.27--13-PA  
SS



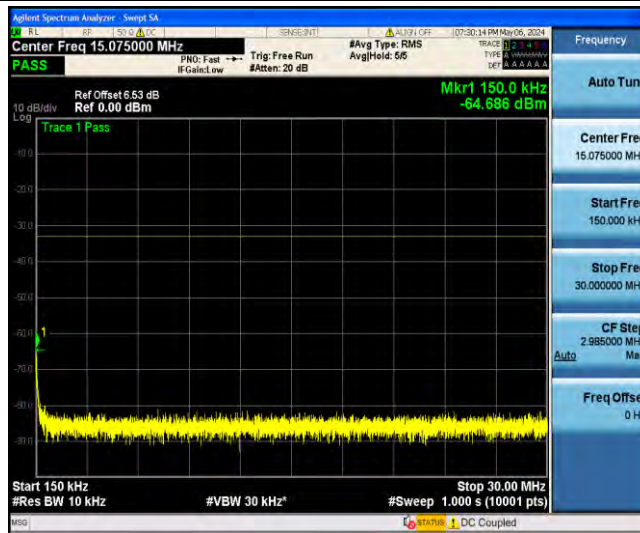
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SS



1-N2-PC3-15-20-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant31-17095.60--43.69--13-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant31-0.01--62.24--43-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant31-0.15--64.69--33-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant31-927.15--54.87--23-PASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant31-2661.20--40.62--13-PA





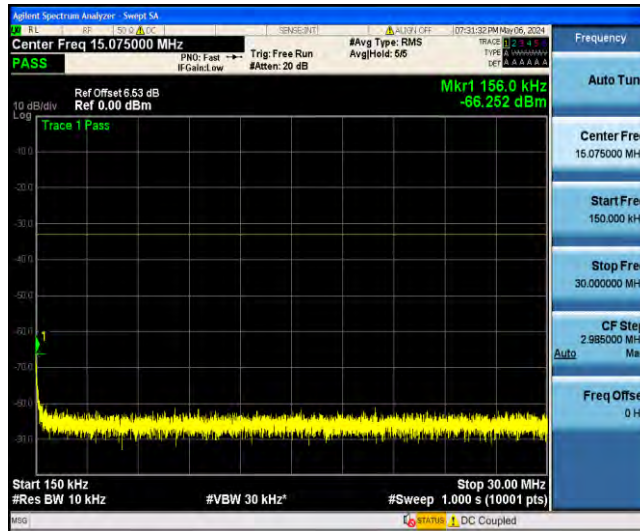
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 ASS



1-N2-PC3-15-20-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant31-17098.80--43.73--13  
 -PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant31-0.01--64.67--43-PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant31-0.15--66.25--33-PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant31-935.40--54.55--23-PASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant31-1914.00--37.29--13-PA



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant31-7892.40--46.57--13-P  
ASS



1-N2-PC3-15-20-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant31-17090.00--43.77--13-P  
PASS

## Field Strength of Spurious Radiation

SA Band 2 ANT13-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	-56.15	-13	-43.15	-61.01	3.58	8.44	Horizontal	Pass
5553.0	-62.7	-13	-49.7	-68.41	4.74	10.45	Horizontal	Pass
7404.0	-60.36	-13	-47.36	-67.04	4.94	11.62	Horizontal	Pass
3702.0	-51.16	-13	-38.16	-56.02	3.58	8.44	Vertical	Pass
5553.0	-63.1	-13	-50.1	-68.81	4.74	10.45	Vertical	Pass
7404.0	-60.37	-13	-47.37	-67.05	4.94	11.62	Vertical	Pass

SA Band 2 ANT13-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	-55.71	-13	-42.71	-60.59	3.61	8.49	Horizontal	Pass
5613.0	-63.01	-13	-50.01	-68.72	4.74	10.45	Horizontal	Pass
7484.0	-60.51	-13	-47.51	-67.29	4.94	11.72	Horizontal	Pass
3742.0	-50.62	-13	-37.62	-55.5	3.61	8.49	Vertical	Pass
5613.0	-62.47	-13	-49.47	-68.18	4.74	10.45	Vertical	Pass
7484.0	-60.65	-13	-47.65	-67.43	4.94	11.72	Vertical	Pass

SA Band 2 ANT13-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	-52.19	-13	-39.19	-57.09	3.65	8.55	Horizontal	Pass
5673.0	-62.82	-13	-49.82	-68.52	4.75	10.45	Horizontal	Pass
7564.0	-60.04	-13	-47.04	-66.91	4.95	11.82	Horizontal	Pass
3782.0	-47.78	-13	-34.78	-52.68	3.65	8.55	Vertical	Pass
5673.0	-62.62	-13	-49.62	-68.32	4.75	10.45	Vertical	Pass
7564.0	-60.23	-13	-47.23	-67.1	4.95	11.82	Vertical	Pass

DC_4A_n2A-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	-54.07	-13	-41.07	-58.93	3.58	8.44	Horizontal	Pass
5553.0	-50.53	-13	-37.53	-56.24	4.74	10.45	Horizontal	Pass
7404.0	-46.19	-13	-33.19	-52.87	4.94	11.62	Horizontal	Pass
3702.0	-61.6	-13	-48.6	-66.46	3.58	8.44	Vertical	Pass
5553.0	-57.06	-13	-44.06	-62.77	4.74	10.45	Vertical	Pass
7404.0	-47.06	-13	-34.06	-53.74	4.94	11.62	Vertical	Pass

DC_4A_n2A -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	-62.49	-13	-49.49	-67.37	3.61	8.49	Horizontal	Pass
5613.0	-51.53	-13	-38.53	-57.24	4.74	10.45	Horizontal	Pass
7484.0	-44.41	-13	-31.41	-51.19	4.94	11.72	Horizontal	Pass
3742.0	-64.62	-13	-51.62	-69.5	3.61	8.49	Vertical	Pass
5613.0	-55.17	-13	-42.17	-60.88	4.74	10.45	Vertical	Pass
7484.0	-51.79	-13	-38.79	-58.57	4.94	11.72	Vertical	Pass

DC_4A_n2A -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	-56.3	-13	-43.3	-61.2	3.65	8.55	Horizontal	Pass
5673.0	-61.33	-13	-48.33	-67.03	4.75	10.45	Horizontal	Pass
7564.0	-42.19	-13	-29.19	-49.06	4.95	11.82	Horizontal	Pass
3782.0	-63.74	-13	-50.74	-68.64	3.65	8.55	Vertical	Pass
5673.0	-60.5	-13	-47.5	-66.2	4.75	10.45	Vertical	Pass
7564.0	-52.43	-13	-39.43	-59.3	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	-4.10	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	VN	NT	-2.80	0.00	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	VL	NT	-7.30	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VH	NT	2.00	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VN	NT	-4.50	0.00	PASS
N2	15	20	CP-QPSK	M	106@0	VL	NT	-1.80	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	-5.700000	-0.003032	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-20	-9.700000	-0.005160	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-10	-4.100000	-0.002181	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	0	-7.700000	-0.004096	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	10	-9.100000	-0.004840	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	20	-2.300000	-0.001223	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	30	-5.200000	-0.002766	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	-30	-10.500000	-0.005585	PASS
N2	15	20	DFT-PI2BPSK	M	100@0	NV	40	-6.900000	-0.003670	PASS
N2	15	20	CP-QPSK	M	106@0	NV	50	-3.000000	-0.001596	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-20	-1.700000	-0.000904	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-10	-2.300000	-0.001223	PASS
N2	15	20	CP-QPSK	M	106@0	NV	0	-2.900000	-0.001543	PASS
N2	15	20	CP-QPSK	M	106@0	NV	10	-3.300000	-0.001755	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	-2.500000	-0.001330	PASS
N2	15	20	CP-QPSK	M	106@0	NV	40	-2.200000	-0.001170	PASS
N2	15	20	CP-QPSK	M	106@0	NV	-30	-3.300000	-0.001755	PASS

---End of Attachment---