

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant13

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	1@1	23.97	17.42	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	1@23	23.92	17.37	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	25@0	23.53	16.98	38.45	PASS
N5	15	5	DFT-QPSK	L	1@1	24.00	17.45	38.45	PASS
N5	15	5	DFT-QPSK	L	1@23	24.03	17.48	38.45	PASS
N5	15	5	DFT-QPSK	L	25@0	23.04	16.49	38.45	PASS
N5	15	5	DFT-16QAM	L	1@1	23.03	16.48	38.45	PASS
N5	15	5	DFT-16QAM	L	1@23	23.12	16.57	38.45	PASS
N5	15	5	DFT-16QAM	L	25@0	21.99	15.44	38.45	PASS
N5	15	5	DFT-64QAM	L	1@1	21.18	14.63	38.45	PASS
N5	15	5	DFT-64QAM	L	1@23	21.23	14.68	38.45	PASS
N5	15	5	DFT-64QAM	L	25@0	21.61	15.06	38.45	PASS
N5	15	5	DFT-256QAM	L	1@1	19.47	12.92	38.45	PASS
N5	15	5	DFT-256QAM	L	1@23	19.51	12.96	38.45	PASS
N5	15	5	DFT-256QAM	L	25@0	19.61	13.06	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	1@1	23.97	17.42	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	1@23	24.00	17.45	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	25@0	23.64	17.09	38.45	PASS
N5	15	5	DFT-QPSK	M	1@1	24.11	17.56	38.45	PASS
N5	15	5	DFT-QPSK	M	1@23	24.08	17.53	38.45	PASS
N5	15	5	DFT-QPSK	M	25@0	23.12	16.57	38.45	PASS
N5	15	5	DFT-16QAM	M	1@1	23.18	16.63	38.45	PASS
N5	15	5	DFT-16QAM	M	1@23	23.17	16.62	38.45	PASS
N5	15	5	DFT-16QAM	M	25@0	22.06	15.51	38.45	PASS
N5	15	5	DFT-64QAM	M	1@1	21.31	14.76	38.45	PASS
N5	15	5	DFT-64QAM	M	1@23	21.34	14.79	38.45	PASS
N5	15	5	DFT-64QAM	M	25@0	21.64	15.09	38.45	PASS
N5	15	5	DFT-256QAM	M	1@1	19.61	13.06	38.45	PASS
N5	15	5	DFT-256QAM	M	1@23	19.60	13.05	38.45	PASS
N5	15	5	DFT-256QAM	M	25@0	19.64	13.09	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	1@1	23.79	17.24	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	1@23	23.77	17.22	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	25@0	23.40	16.85	38.45	PASS
N5	15	5	DFT-QPSK	H	1@1	23.95	17.4	38.45	PASS
N5	15	5	DFT-QPSK	H	1@23	23.84	17.29	38.45	PASS
N5	15	5	DFT-QPSK	H	25@0	22.94	16.39	38.45	PASS

N5	15	5	DFT-16QAM	H	1@1	23.04	16.49	38.45	PASS
N5	15	5	DFT-16QAM	H	1@23	22.93	16.38	38.45	PASS
N5	15	5	DFT-16QAM	H	25@0	21.91	15.36	38.45	PASS
N5	15	5	DFT-64QAM	H	1@1	21.13	14.58	38.45	PASS
N5	15	5	DFT-64QAM	H	1@23	21.05	14.5	38.45	PASS
N5	15	5	DFT-64QAM	H	25@0	21.52	14.97	38.45	PASS
N5	15	5	DFT-256QAM	H	1@1	19.50	12.95	38.45	PASS
N5	15	5	DFT-256QAM	H	1@23	19.37	12.82	38.45	PASS
N5	15	5	DFT-256QAM	H	25@0	19.51	12.96	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	1@1	23.93	17.38	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	1@50	24.04	17.49	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	50@0	23.51	16.96	38.45	PASS
N5	15	10	DFT-QPSK	L	1@1	24.02	17.47	38.45	PASS
N5	15	10	DFT-QPSK	L	1@50	24.16	17.61	38.45	PASS
N5	15	10	DFT-QPSK	L	50@0	22.97	16.42	38.45	PASS
N5	15	10	DFT-16QAM	L	1@1	23.07	16.52	38.45	PASS
N5	15	10	DFT-16QAM	L	1@50	23.23	16.68	38.45	PASS
N5	15	10	DFT-16QAM	L	50@0	22.06	15.51	38.45	PASS
N5	15	10	DFT-64QAM	L	1@1	21.18	14.63	38.45	PASS
N5	15	10	DFT-64QAM	L	1@50	21.34	14.79	38.45	PASS
N5	15	10	DFT-64QAM	L	50@0	21.51	14.96	38.45	PASS
N5	15	10	DFT-256QAM	L	1@1	19.48	12.93	38.45	PASS
N5	15	10	DFT-256QAM	L	1@50	19.64	13.09	38.45	PASS
N5	15	10	DFT-256QAM	L	50@0	19.58	13.03	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	1@1	24.06	17.51	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	1@50	24.00	17.45	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	50@0	23.60	17.05	38.45	PASS
N5	15	10	DFT-QPSK	M	1@1	24.18	17.63	38.45	PASS
N5	15	10	DFT-QPSK	M	1@50	24.06	17.51	38.45	PASS
N5	15	10	DFT-QPSK	M	50@0	23.08	16.53	38.45	PASS
N5	15	10	DFT-16QAM	M	1@1	23.25	16.7	38.45	PASS
N5	15	10	DFT-16QAM	M	1@50	23.18	16.63	38.45	PASS
N5	15	10	DFT-16QAM	M	50@0	22.10	15.55	38.45	PASS
N5	15	10	DFT-64QAM	M	1@1	21.32	14.77	38.45	PASS
N5	15	10	DFT-64QAM	M	1@50	21.27	14.72	38.45	PASS
N5	15	10	DFT-64QAM	M	50@0	21.59	15.04	38.45	PASS
N5	15	10	DFT-256QAM	M	1@1	19.63	13.08	38.45	PASS
N5	15	10	DFT-256QAM	M	1@50	19.53	12.98	38.45	PASS
N5	15	10	DFT-256QAM	M	50@0	19.63	13.08	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	1@1	24.02	17.47	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	1@50	23.73	17.18	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	50@0	23.42	16.87	38.45	PASS
N5	15	10	DFT-QPSK	H	1@1	24.01	17.46	38.45	PASS

N5	15	10	DFT-QPSK	H	1@50	23.86	17.31	38.45	PASS
N5	15	10	DFT-QPSK	H	50@0	22.92	16.37	38.45	PASS
N5	15	10	DFT-16QAM	H	1@1	23.21	16.66	38.45	PASS
N5	15	10	DFT-16QAM	H	1@50	22.93	16.38	38.45	PASS
N5	15	10	DFT-16QAM	H	50@0	21.91	15.36	38.45	PASS
N5	15	10	DFT-64QAM	H	1@1	21.29	14.74	38.45	PASS
N5	15	10	DFT-64QAM	H	1@50	21.07	14.52	38.45	PASS
N5	15	10	DFT-64QAM	H	50@0	21.40	14.85	38.45	PASS
N5	15	10	DFT-256QAM	H	1@1	19.54	12.99	38.45	PASS
N5	15	10	DFT-256QAM	H	1@50	19.34	12.79	38.45	PASS
N5	15	10	DFT-256QAM	H	50@0	19.49	12.94	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	1@1	23.95	17.4	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	1@77	24.05	17.5	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	75@0	23.55	17	38.45	PASS
N5	15	15	DFT-QPSK	L	1@1	24.01	17.46	38.45	PASS
N5	15	15	DFT-QPSK	L	1@77	24.10	17.55	38.45	PASS
N5	15	15	DFT-QPSK	L	75@0	23.08	16.53	38.45	PASS
N5	15	15	DFT-16QAM	L	1@1	23.06	16.51	38.45	PASS
N5	15	15	DFT-16QAM	L	1@77	23.25	16.7	38.45	PASS
N5	15	15	DFT-16QAM	L	75@0	22.10	15.55	38.45	PASS
N5	15	15	DFT-64QAM	L	1@1	21.17	14.62	38.45	PASS
N5	15	15	DFT-64QAM	L	1@77	21.32	14.77	38.45	PASS
N5	15	15	DFT-64QAM	L	75@0	21.55	15	38.45	PASS
N5	15	15	DFT-256QAM	L	1@1	19.52	12.97	38.45	PASS
N5	15	15	DFT-256QAM	L	1@77	19.60	13.05	38.45	PASS
N5	15	15	DFT-256QAM	L	75@0	19.61	13.06	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	1@1	24.02	17.47	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	1@77	23.90	17.35	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	75@0	23.59	17.04	38.45	PASS
N5	15	15	DFT-QPSK	M	1@1	24.14	17.59	38.45	PASS
N5	15	15	DFT-QPSK	M	1@77	24.02	17.47	38.45	PASS
N5	15	15	DFT-QPSK	M	75@0	23.14	16.59	38.45	PASS
N5	15	15	DFT-16QAM	M	1@1	23.18	16.63	38.45	PASS
N5	15	15	DFT-16QAM	M	1@77	23.09	16.54	38.45	PASS
N5	15	15	DFT-16QAM	M	75@0	22.04	15.49	38.45	PASS
N5	15	15	DFT-64QAM	M	1@1	21.29	14.74	38.45	PASS
N5	15	15	DFT-64QAM	M	1@77	21.15	14.6	38.45	PASS
N5	15	15	DFT-64QAM	M	75@0	21.59	15.04	38.45	PASS
N5	15	15	DFT-256QAM	M	1@1	19.66	13.11	38.45	PASS
N5	15	15	DFT-256QAM	M	1@77	19.50	12.95	38.45	PASS
N5	15	15	DFT-256QAM	M	75@0	19.66	13.11	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	1@1	24.01	17.46	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	1@77	23.76	17.21	38.45	PASS

N5	15	15	DFT-PI2BPSK	H	75@0	23.53	16.98	38.45	PASS
N5	15	15	DFT-QPSK	H	1@1	24.12	17.57	38.45	PASS
N5	15	15	DFT-QPSK	H	1@77	23.87	17.32	38.45	PASS
N5	15	15	DFT-QPSK	H	75@0	23.00	16.45	38.45	PASS
N5	15	15	DFT-16QAM	H	1@1	23.24	16.69	38.45	PASS
N5	15	15	DFT-16QAM	H	1@77	22.95	16.4	38.45	PASS
N5	15	15	DFT-16QAM	H	75@0	21.97	15.42	38.45	PASS
N5	15	15	DFT-64QAM	H	1@1	21.34	14.79	38.45	PASS
N5	15	15	DFT-64QAM	H	1@77	21.11	14.56	38.45	PASS
N5	15	15	DFT-64QAM	H	75@0	21.53	14.98	38.45	PASS
N5	15	15	DFT-256QAM	H	1@1	19.58	13.03	38.45	PASS
N5	15	15	DFT-256QAM	H	1@77	19.40	12.85	38.45	PASS
N5	15	15	DFT-256QAM	H	75@0	19.59	13.04	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	1@1	23.93	17.38	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	1@104	23.92	17.37	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	100@0	23.57	17.02	38.45	PASS
N5	15	20	DFT-QPSK	L	1@1	23.98	17.43	38.45	PASS
N5	15	20	DFT-QPSK	L	1@104	24.01	17.46	38.45	PASS
N5	15	20	DFT-QPSK	L	100@0	23.06	16.51	38.45	PASS
N5	15	20	DFT-16QAM	L	1@1	23.06	16.51	38.45	PASS
N5	15	20	DFT-16QAM	L	1@104	23.06	16.51	38.45	PASS
N5	15	20	DFT-16QAM	L	100@0	22.01	15.46	38.45	PASS
N5	15	20	DFT-64QAM	L	1@1	21.19	14.64	38.45	PASS
N5	15	20	DFT-64QAM	L	1@104	21.23	14.68	38.45	PASS
N5	15	20	DFT-64QAM	L	100@0	21.51	14.96	38.45	PASS
N5	15	20	DFT-256QAM	L	1@1	19.43	12.88	38.45	PASS
N5	15	20	DFT-256QAM	L	1@104	19.49	12.94	38.45	PASS
N5	15	20	DFT-256QAM	L	100@0	19.62	13.07	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	1@1	24.00	17.45	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	1@104	23.87	17.32	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	23.58	17.03	38.45	PASS
N5	15	20	DFT-QPSK	M	1@1	24.09	17.54	38.45	PASS
N5	15	20	DFT-QPSK	M	1@104	23.96	17.41	38.45	PASS
N5	15	20	DFT-QPSK	M	100@0	23.07	16.52	38.45	PASS
N5	15	20	DFT-16QAM	M	1@1	23.18	16.63	38.45	PASS
N5	15	20	DFT-16QAM	M	1@104	23.06	16.51	38.45	PASS
N5	15	20	DFT-16QAM	M	100@0	22.03	15.48	38.45	PASS
N5	15	20	DFT-64QAM	M	1@1	21.27	14.72	38.45	PASS
N5	15	20	DFT-64QAM	M	1@104	21.15	14.6	38.45	PASS
N5	15	20	DFT-64QAM	M	100@0	21.50	14.95	38.45	PASS
N5	15	20	DFT-256QAM	M	1@1	19.56	13.01	38.45	PASS
N5	15	20	DFT-256QAM	M	1@104	19.47	12.92	38.45	PASS
N5	15	20	DFT-256QAM	M	100@0	19.64	13.09	38.45	PASS

N5	15	20	DFT-PI2BPSK	H	1@1	24.01	17.46	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	1@104	23.78	17.23	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	100@0	23.53	16.98	38.45	PASS
N5	15	20	DFT-QPSK	H	1@1	24.12	17.57	38.45	PASS
N5	15	20	DFT-QPSK	H	1@104	23.89	17.34	38.45	PASS
N5	15	20	DFT-QPSK	H	100@0	23.00	16.45	38.45	PASS
N5	15	20	DFT-16QAM	H	1@1	23.20	16.65	38.45	PASS
N5	15	20	DFT-16QAM	H	1@104	22.98	16.43	38.45	PASS
N5	15	20	DFT-16QAM	H	100@0	21.99	15.44	38.45	PASS
N5	15	20	DFT-64QAM	H	1@1	21.30	14.75	38.45	PASS
N5	15	20	DFT-64QAM	H	1@104	21.10	14.55	38.45	PASS
N5	15	20	DFT-64QAM	H	100@0	21.45	14.9	38.45	PASS
N5	15	20	DFT-256QAM	H	1@1	19.61	13.06	38.45	PASS
N5	15	20	DFT-256QAM	H	1@104	19.41	12.86	38.45	PASS
N5	15	20	DFT-256QAM	H	100@0	19.59	13.04	38.45	PASS

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Graphs



1-N5-PC3-15-20-L-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.78-PASS



1-N5-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-8.39-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.81-PASS



1-N5-PC3-15-20-M-2-NS_01-CP-256QAM-Outer_Full-106@0-8.40-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.85-PASS



1-N5-PC3-15-20-H-2-NS_01-CP-256QAM-Outer_Full-106@0-8.47-PASS

26dB Bandwidth and Occupied Bandwidth for SA

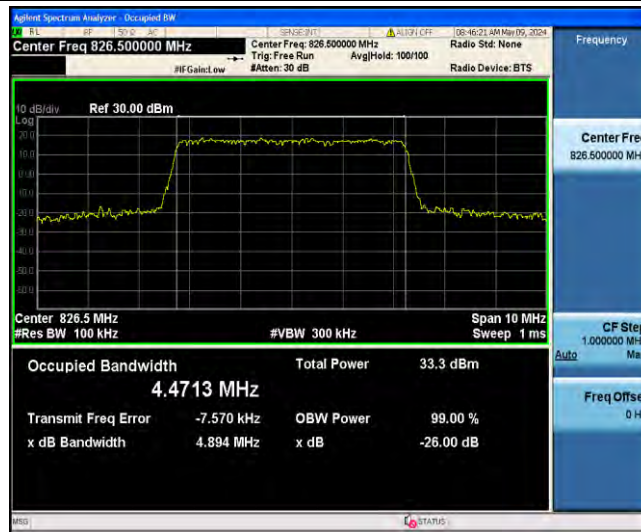
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	25@0	4.4713	4.894	PASS
N5	15	5	DFT-PI2BPSK	L	25@0	4.4911	4.868	PASS
N5	15	5	DFT-16QAM	L	25@0	4.4761	4.941	PASS
N5	15	5	DFT-64QAM	L	25@0	4.4922	4.909	PASS
N5	15	5	DFT-256QAM	L	25@0	4.4965	4.899	PASS
N5	15	5	CP-QPSK	L	25@0	4.4856	4.844	PASS
N5	15	5	CP-16QAM	L	25@0	4.4925	4.868	PASS
N5	15	5	CP-64QAM	L	25@0	4.4896	4.849	PASS
N5	15	5	CP-256QAM	L	25@0	4.4985	4.891	PASS
N5	15	5	DFT-QPSK	M	25@0	4.5049	4.863	PASS
N5	15	5	DFT-PI2BPSK	M	25@0	4.5091	4.868	PASS
N5	15	5	DFT-16QAM	M	25@0	4.4758	4.869	PASS
N5	15	5	DFT-64QAM	M	25@0	4.5075	4.900	PASS
N5	15	5	DFT-256QAM	M	25@0	4.4765	4.863	PASS
N5	15	5	CP-QPSK	M	25@0	4.4907	4.858	PASS
N5	15	5	CP-16QAM	M	25@0	4.4979	4.909	PASS
N5	15	5	CP-64QAM	M	25@0	4.5151	4.930	PASS
N5	15	5	CP-256QAM	M	25@0	4.4835	4.918	PASS
N5	15	5	DFT-QPSK	H	25@0	4.4964	4.850	PASS
N5	15	5	DFT-PI2BPSK	H	25@0	4.5043	4.900	PASS
N5	15	5	DFT-16QAM	H	25@0	4.4868	4.889	PASS
N5	15	5	DFT-64QAM	H	25@0	4.4841	4.870	PASS
N5	15	5	DFT-256QAM	H	25@0	4.5049	4.811	PASS
N5	15	5	CP-QPSK	H	25@0	4.5058	4.863	PASS
N5	15	5	CP-16QAM	H	25@0	4.4873	4.877	PASS
N5	15	5	CP-64QAM	H	25@0	4.4936	4.888	PASS
N5	15	5	CP-256QAM	H	25@0	4.4982	4.944	PASS
N5	15	10	DFT-QPSK	L	50@0	8.9058	9.378	PASS
N5	15	10	DFT-PI2BPSK	L	50@0	8.9512	9.376	PASS
N5	15	10	DFT-16QAM	L	50@0	8.9194	9.385	PASS
N5	15	10	DFT-64QAM	L	50@0	8.9315	9.406	PASS
N5	15	10	DFT-256QAM	L	50@0	8.9076	9.354	PASS
N5	15	10	CP-QPSK	L	52@0	9.2951	9.754	PASS
N5	15	10	CP-16QAM	L	52@0	9.2722	9.767	PASS
N5	15	10	CP-64QAM	L	52@0	9.2948	9.704	PASS
N5	15	10	CP-256QAM	L	52@0	9.2742	9.750	PASS

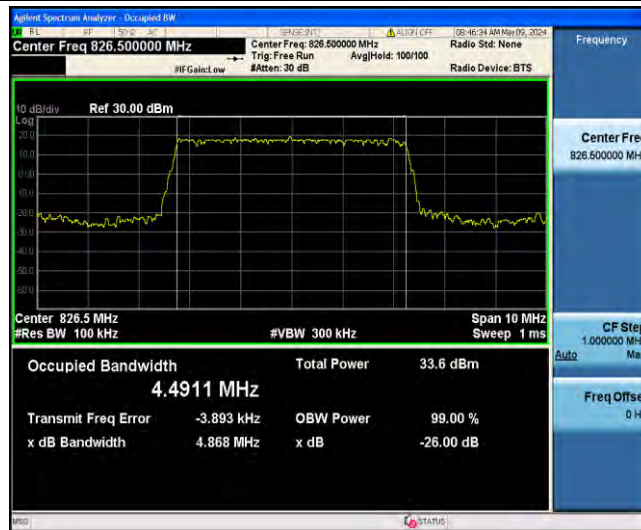
N5	15	10	DFT-QPSK	M	50@0	8.9066	9.374	PASS
N5	15	10	DFT-PI2BPSK	M	50@0	8.9091	9.391	PASS
N5	15	10	DFT-16QAM	M	50@0	8.9151	9.384	PASS
N5	15	10	DFT-64QAM	M	50@0	8.9025	9.425	PASS
N5	15	10	DFT-256QAM	M	50@0	8.8906	9.363	PASS
N5	15	10	CP-QPSK	M	52@0	9.2780	9.712	PASS
N5	15	10	CP-16QAM	M	52@0	9.2706	9.759	PASS
N5	15	10	CP-64QAM	M	52@0	9.2979	9.704	PASS
N5	15	10	CP-256QAM	M	52@0	9.2680	9.729	PASS
N5	15	10	DFT-QPSK	H	50@0	8.8931	9.436	PASS
N5	15	10	DFT-PI2BPSK	H	50@0	8.9391	9.370	PASS
N5	15	10	DFT-16QAM	H	50@0	8.9276	9.364	PASS
N5	15	10	DFT-64QAM	H	50@0	8.9195	9.393	PASS
N5	15	10	DFT-256QAM	H	50@0	8.8955	9.308	PASS
N5	15	10	CP-QPSK	H	52@0	9.2729	9.789	PASS
N5	15	10	CP-16QAM	H	52@0	9.2662	9.702	PASS
N5	15	10	CP-64QAM	H	52@0	9.2918	9.712	PASS
N5	15	10	CP-256QAM	H	52@0	9.2760	9.716	PASS
N5	15	15	DFT-QPSK	L	75@0	13.465	14.26	PASS
N5	15	15	DFT-PI2BPSK	L	75@0	13.510	14.25	PASS
N5	15	15	DFT-16QAM	L	75@0	13.486	14.27	PASS
N5	15	15	DFT-64QAM	L	75@0	13.465	14.19	PASS
N5	15	15	DFT-256QAM	L	75@0	13.463	14.22	PASS
N5	15	15	CP-QPSK	L	79@0	14.144	14.98	PASS
N5	15	15	CP-16QAM	L	79@0	14.143	14.93	PASS
N5	15	15	CP-64QAM	L	79@0	14.152	14.93	PASS
N5	15	15	CP-256QAM	L	79@0	14.154	14.91	PASS
N5	15	15	DFT-QPSK	M	75@0	13.463	14.16	PASS
N5	15	15	DFT-PI2BPSK	M	75@0	13.473	14.18	PASS
N5	15	15	DFT-16QAM	M	75@0	13.440	14.20	PASS
N5	15	15	DFT-64QAM	M	75@0	13.456	14.20	PASS
N5	15	15	DFT-256QAM	M	75@0	13.445	14.17	PASS
N5	15	15	CP-QPSK	M	79@0	14.153	14.90	PASS
N5	15	15	CP-16QAM	M	79@0	14.158	14.98	PASS
N5	15	15	CP-64QAM	M	79@0	14.180	14.97	PASS
N5	15	15	CP-256QAM	M	79@0	14.170	14.88	PASS
N5	15	15	DFT-QPSK	H	75@0	13.442	14.24	PASS
N5	15	15	DFT-PI2BPSK	H	75@0	13.497	14.18	PASS
N5	15	15	DFT-16QAM	H	75@0	13.491	14.20	PASS
N5	15	15	DFT-64QAM	H	75@0	13.477	14.23	PASS
N5	15	15	DFT-256QAM	H	75@0	13.450	14.22	PASS
N5	15	15	CP-QPSK	H	79@0	14.118	14.89	PASS
N5	15	15	CP-16QAM	H	79@0	14.175	14.89	PASS

N5	15	15	CP-64QAM	H	79@0	14.170	14.88	PASS
N5	15	15	CP-256QAM	H	79@0	14.137	14.89	PASS
N5	15	20	DFT-QPSK	L	100@0	17.887	18.77	PASS
N5	15	20	DFT-PI2BPSK	L	100@0	17.922	18.72	PASS
N5	15	20	DFT-16QAM	L	100@0	17.886	18.75	PASS
N5	15	20	DFT-64QAM	L	100@0	17.937	18.76	PASS
N5	15	20	DFT-256QAM	L	100@0	17.835	18.67	PASS
N5	15	20	CP-QPSK	L	106@0	18.922	22.17	PASS
N5	15	20	CP-16QAM	L	106@0	18.925	19.87	PASS
N5	15	20	CP-64QAM	L	106@0	18.944	19.80	PASS
N5	15	20	CP-256QAM	L	106@0	18.894	19.88	PASS
N5	15	20	DFT-QPSK	M	100@0	17.891	18.73	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	17.908	18.77	PASS
N5	15	20	DFT-16QAM	M	100@0	17.874	18.66	PASS
N5	15	20	DFT-64QAM	M	100@0	17.907	18.68	PASS
N5	15	20	DFT-256QAM	M	100@0	17.864	18.74	PASS
N5	15	20	CP-QPSK	M	106@0	18.934	20.35	PASS
N5	15	20	CP-16QAM	M	106@0	18.887	19.88	PASS
N5	15	20	CP-64QAM	M	106@0	18.950	19.75	PASS
N5	15	20	CP-256QAM	M	106@0	18.909	19.90	PASS
N5	15	20	DFT-QPSK	H	100@0	17.927	18.74	PASS
N5	15	20	DFT-PI2BPSK	H	100@0	17.921	18.69	PASS
N5	15	20	DFT-16QAM	H	100@0	17.909	18.83	PASS
N5	15	20	DFT-64QAM	H	100@0	17.920	18.72	PASS
N5	15	20	DFT-256QAM	H	100@0	17.889	18.77	PASS
N5	15	20	CP-QPSK	H	106@0	18.907	19.83	PASS
N5	15	20	CP-16QAM	H	106@0	18.897	19.82	PASS
N5	15	20	CP-64QAM	H	106@0	18.974	19.77	PASS
N5	15	20	CP-256QAM	H	106@0	18.901	19.87	PASS

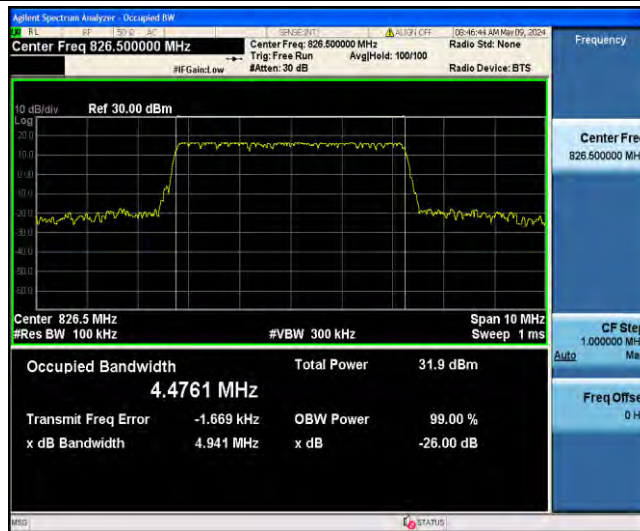
Test Graphs



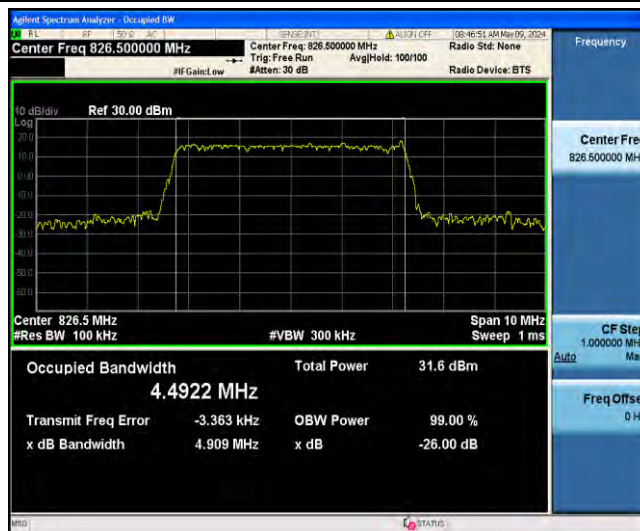
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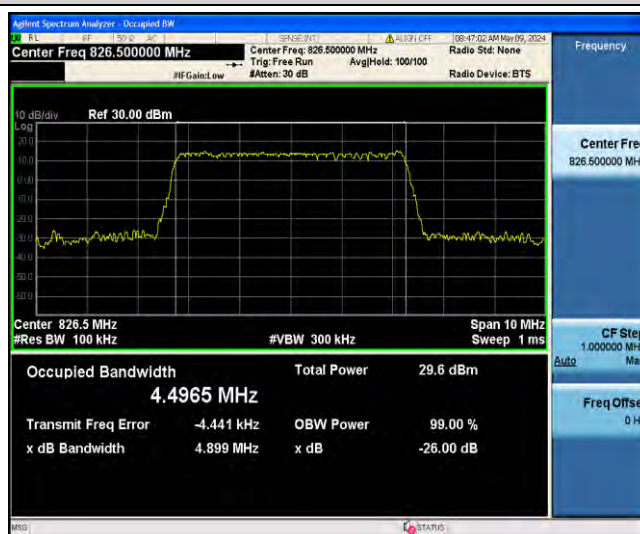
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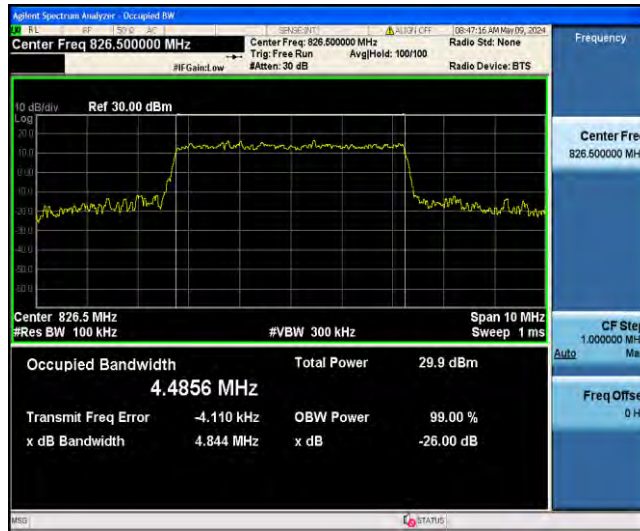
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1-N5-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant13-4.4922-4.909-≤5-PASS



1-N5-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant13-4.4965-4.899-≤5-PASS



1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant13-4.4856-4.844-≤5-PASS



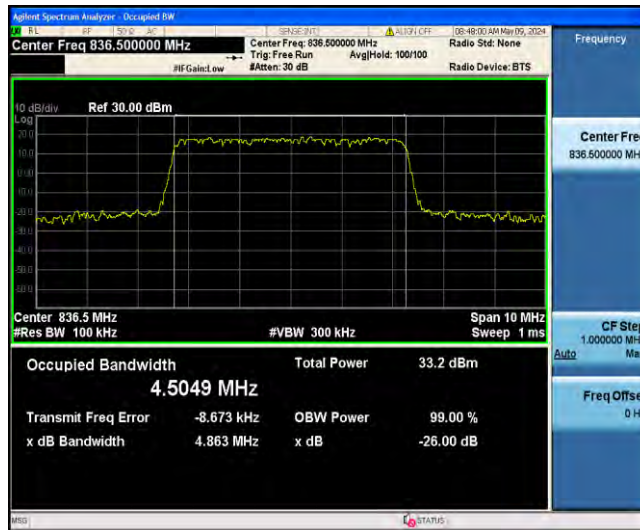
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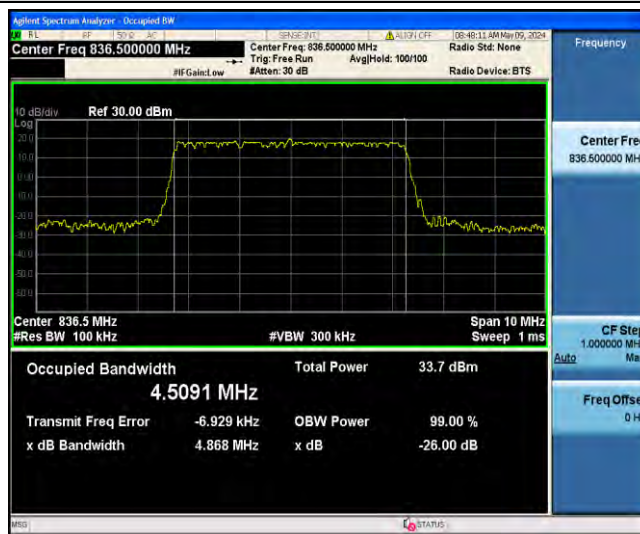
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1-N5-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant13-4.4985-4.891-<5-PASS



1-N5-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant13-4.5049-4.863-<5-PASS



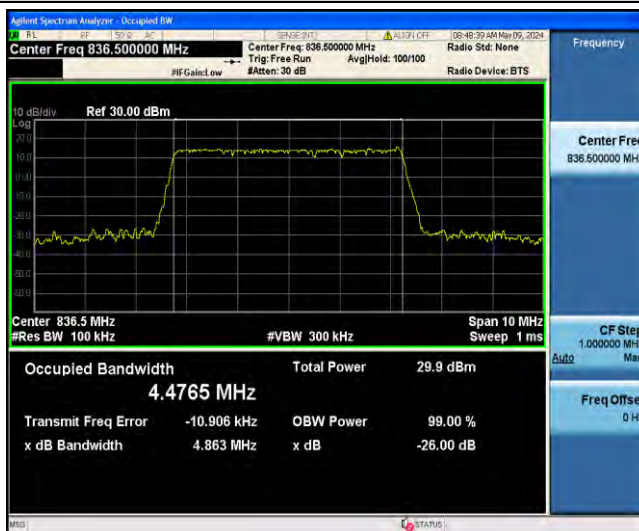
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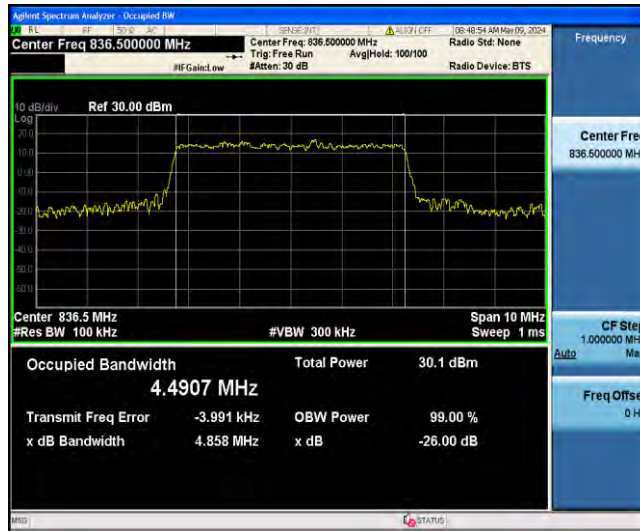
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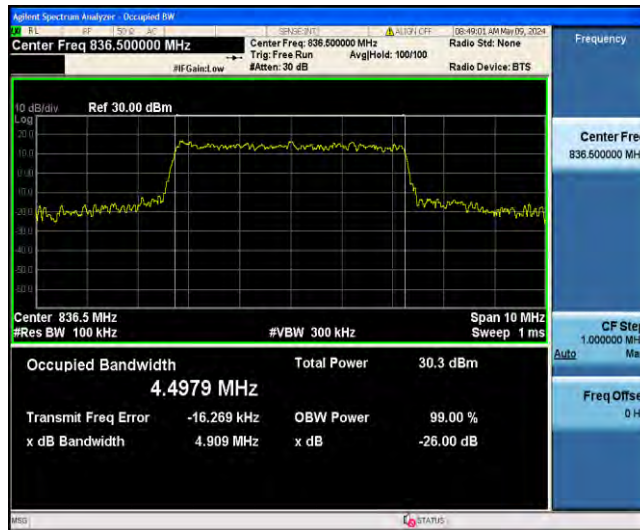
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1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant13-4.4765-4.863-<5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant13-4.4907-4.858-≤5-PASS



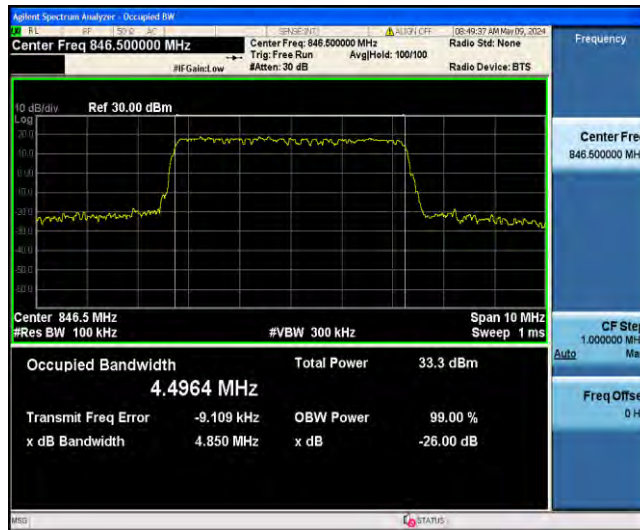
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1-N5-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant13-4.5151-4.930-≤5-PASS



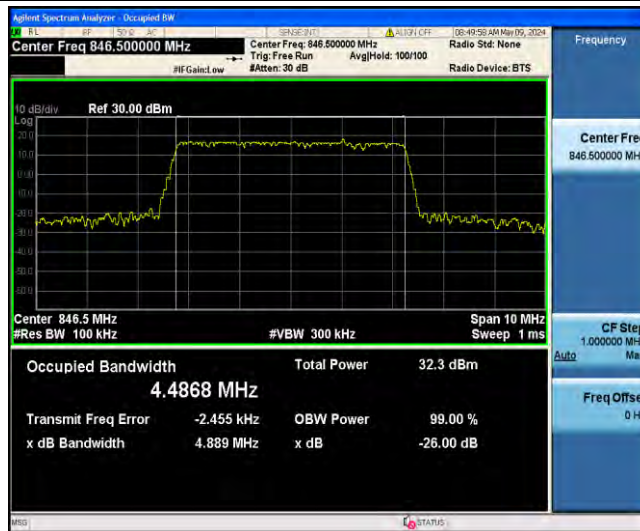
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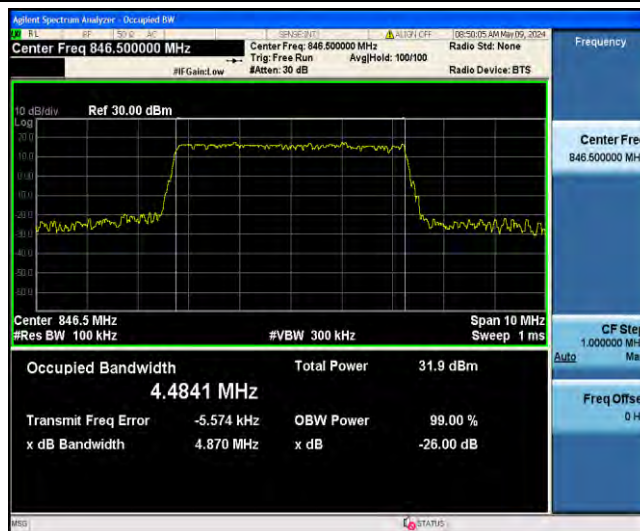
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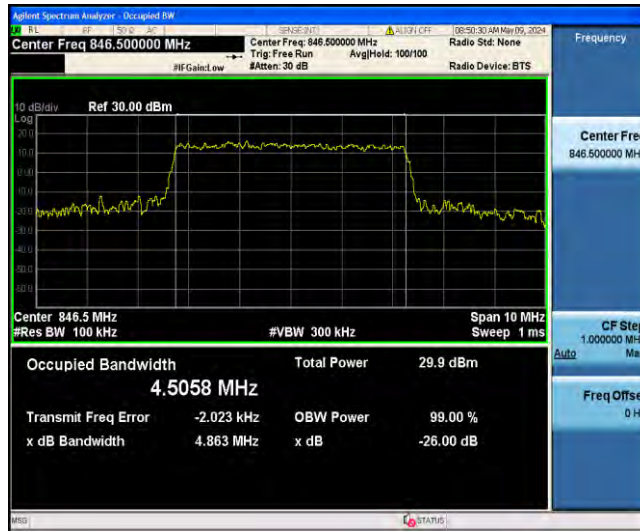
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1-N5-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant13-4.4841-4.870-<5-PASS



1-N5-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant13-4.5049-4.811-<5-PASS



1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant13-4.5058-4.863-≤5-PASS



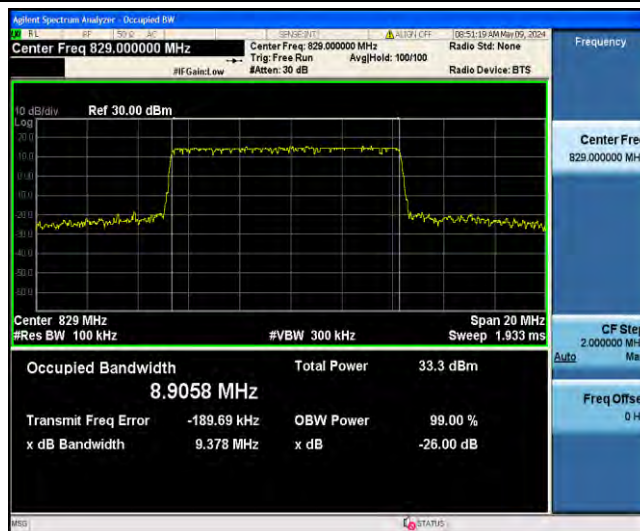
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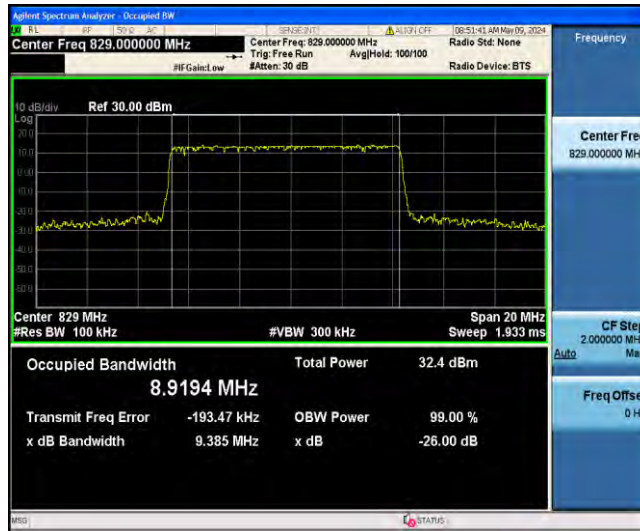
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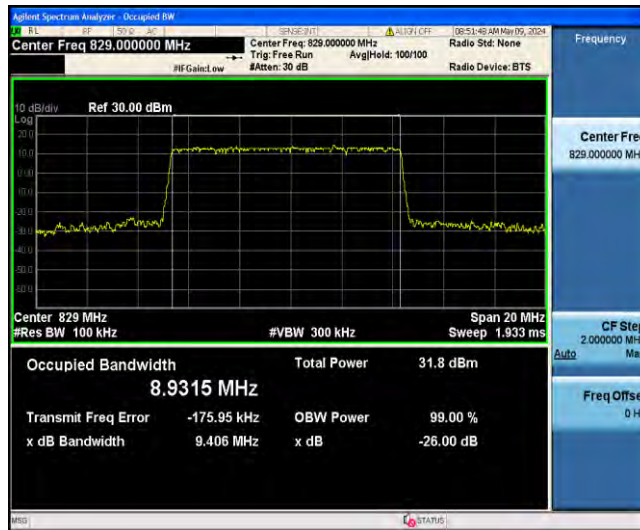
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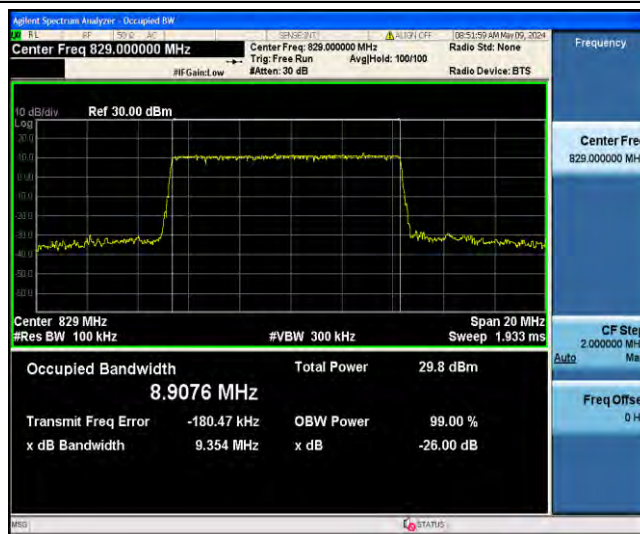
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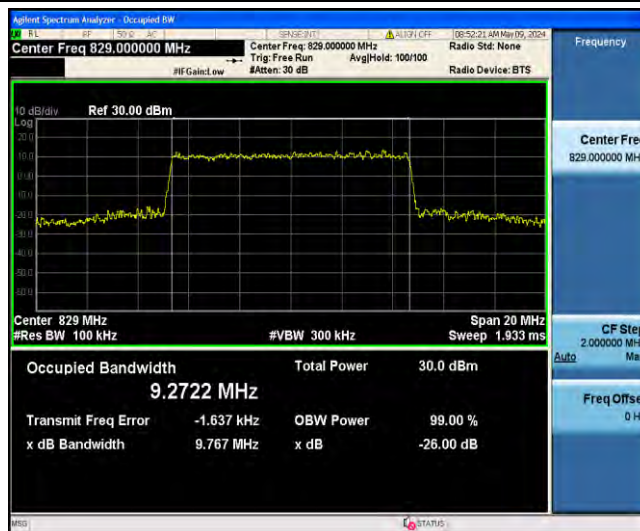
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1-N5-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant13-8.9076-9.354-≤10-PASS



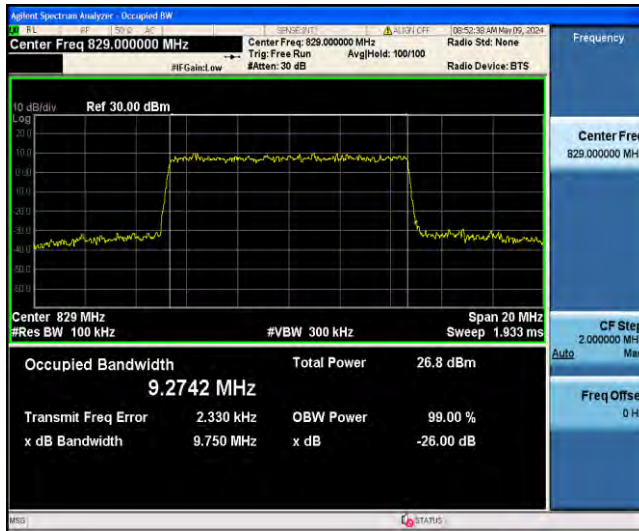
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1-N5-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant13-9.2722-9.767-≤10-PASS



1-N5-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant13-9.2948-9.704-≤10-PASS



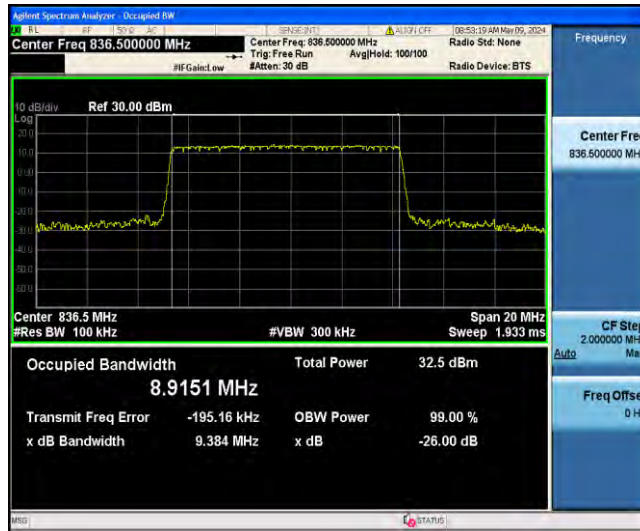
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1-N5-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant13-8.9066-9.374-≤10-PASS



1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant13-8.9091-9.391-≤10-PASS



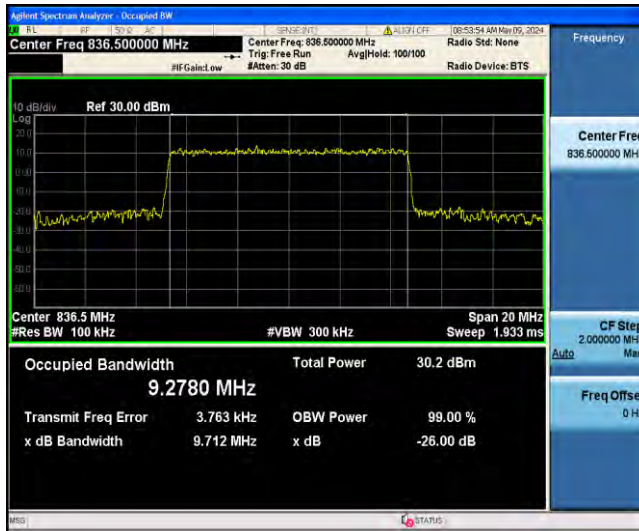
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1-N5-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant13-8.9025-9.425-≤10-PASS



1-N5-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant13-8.8906-9.363-≤10-PASS



1-N5-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant13-9.2780-9.712-≤10-PASS



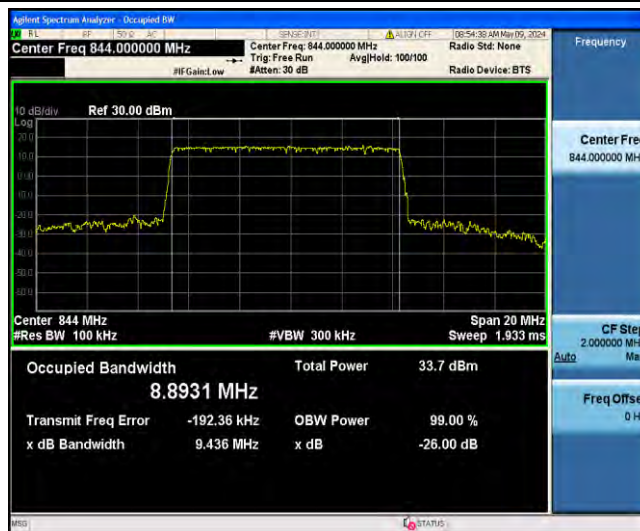
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1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant13-9.2979-9.704-≤10-PASS



1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant13-9.2680-9.729-≤10-PASS



1-N5-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant13-8.8931-9.436-≤10-PASS



1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant13-8.9391-9.370-≤10-PASS



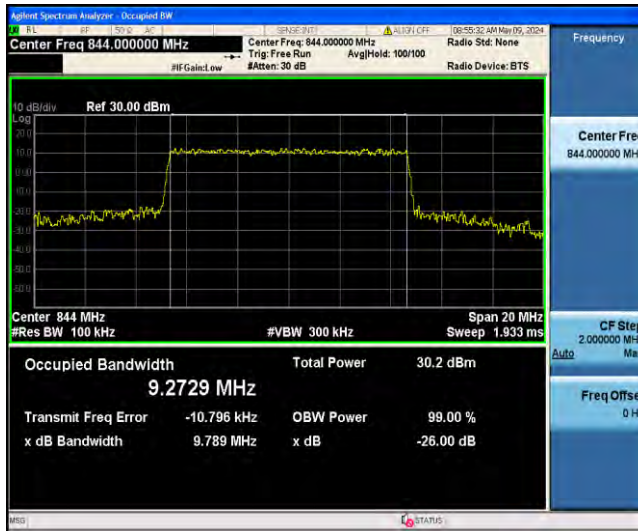
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1-N5-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant13-8.8955-9.308-≤10-PASS



1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant13-9.2729-9.789-≤10-PASS



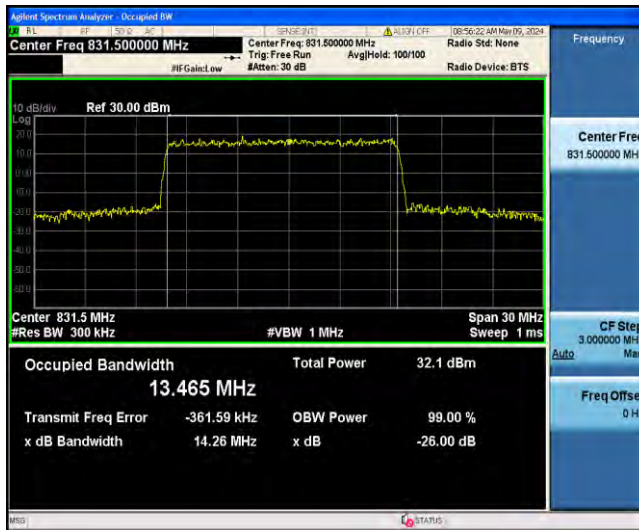
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1-N5-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant13-9.2918-9.712-≤10-PASS



1-N5-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant13-9.2760-9.716-≤10-PASS



1-N5-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant13-13.465-14.26-≤15-PASS



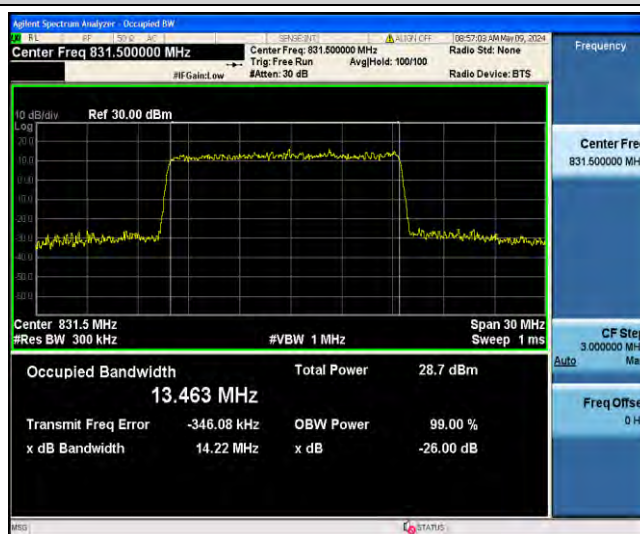
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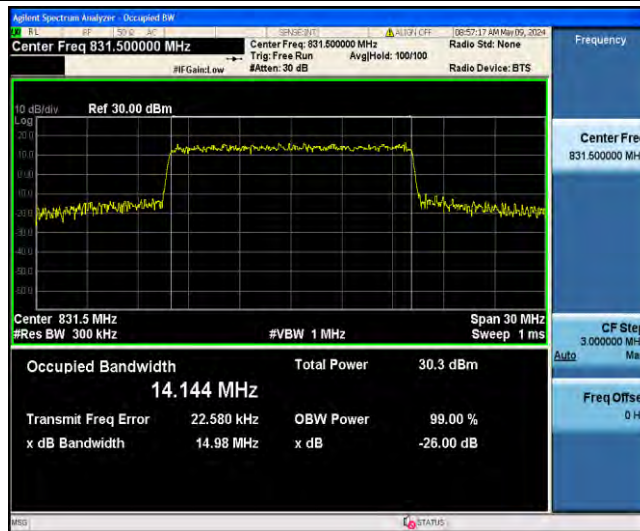
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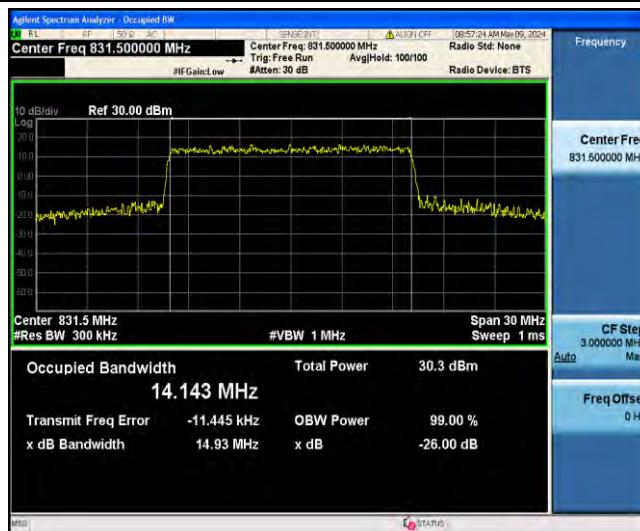
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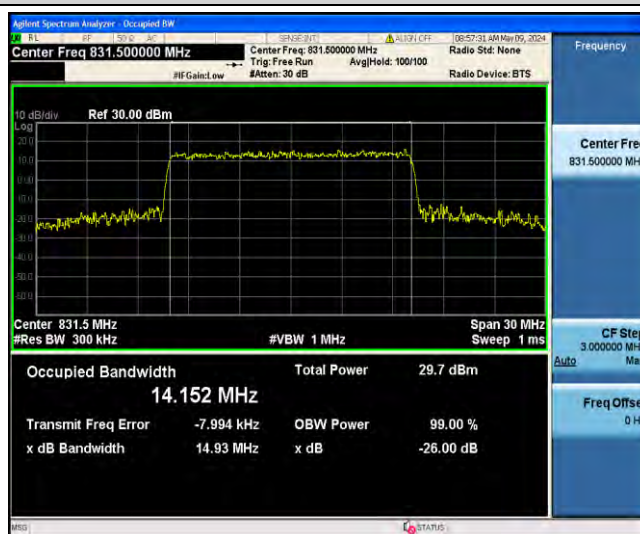
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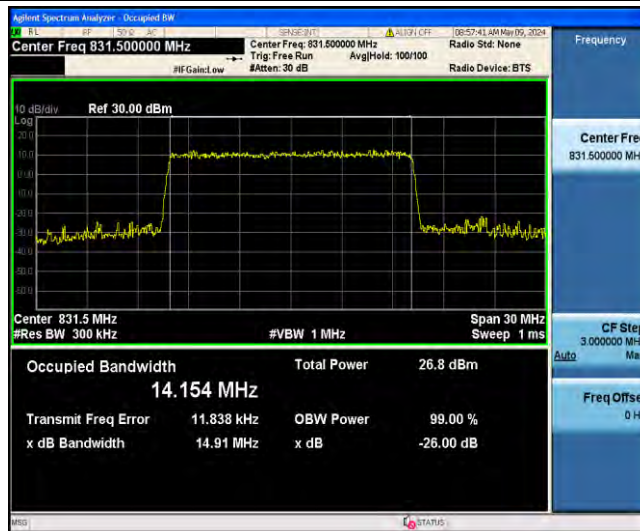
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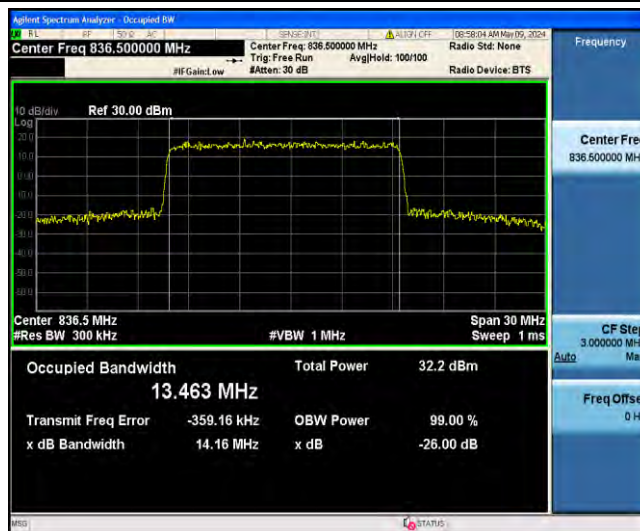
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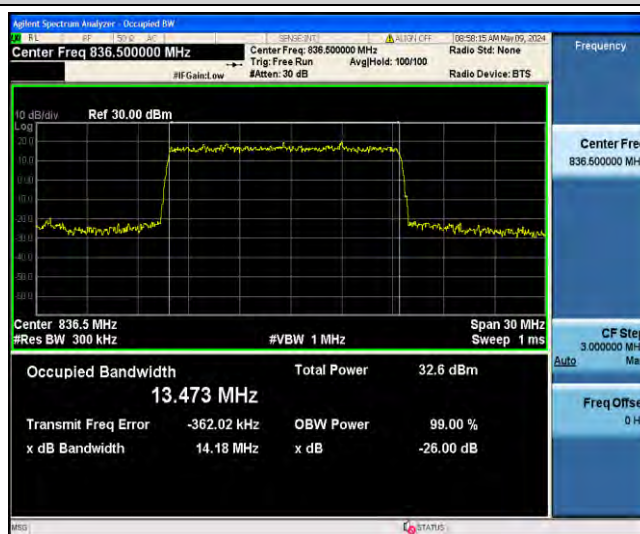
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1-N5-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant13-14.154-14.91-<15-PASS



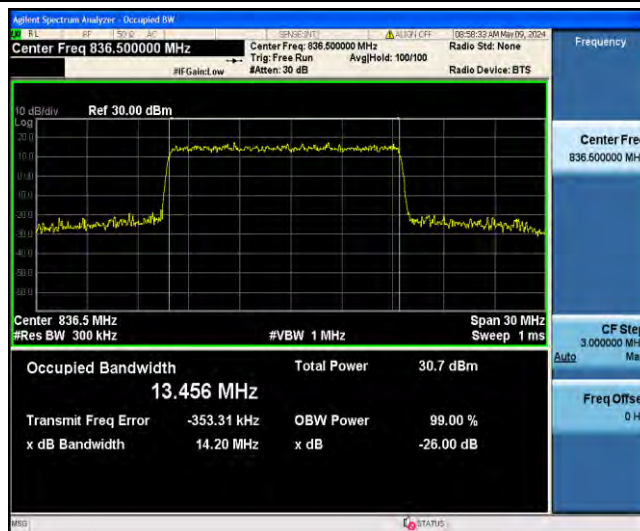
1-N5-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant13-13.463-14.16-<15-PASS



1-N5-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant13-13.473-14.18-<15-PASS



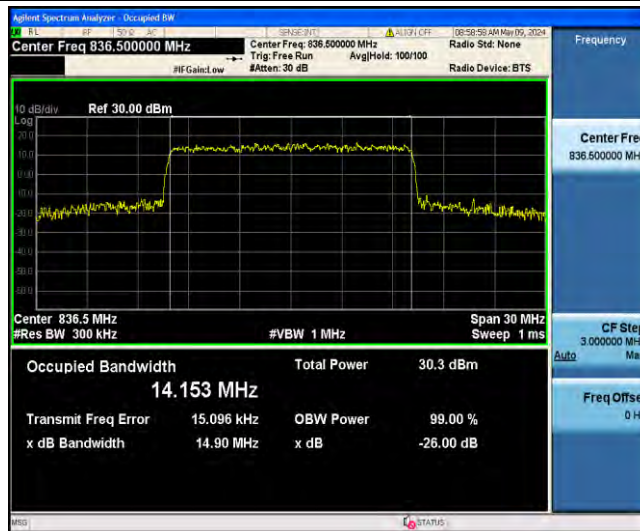
1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant13-13.440-14.20-≤15-PASS



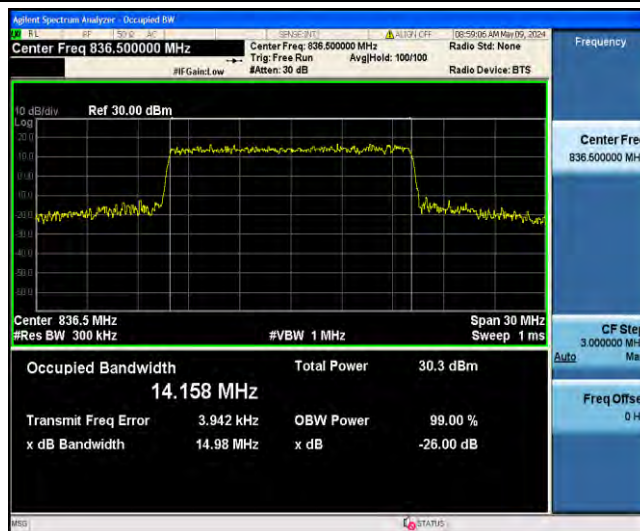
1-N5-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant13-13.456-14.20-≤15-PASS



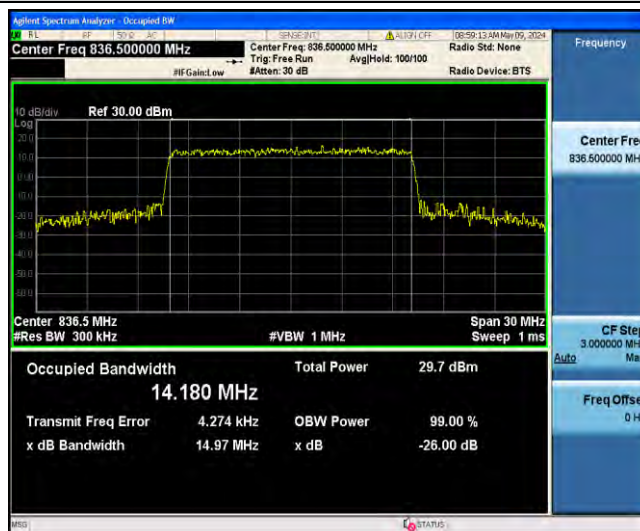
1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant13-13.445-14.17-≤15-PASS



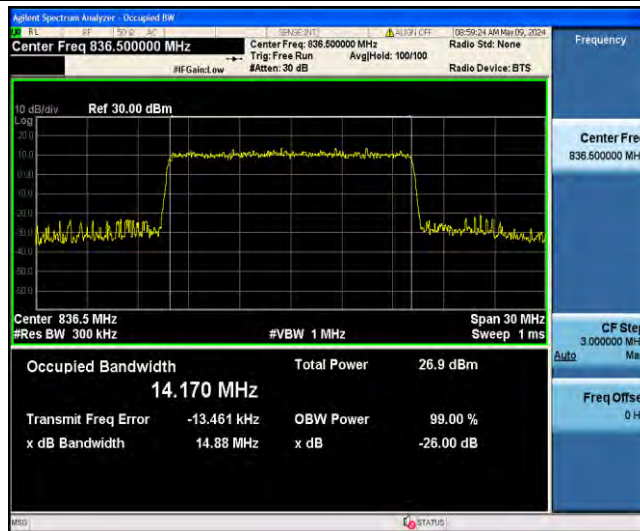
1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant13-14.153-14.90-≤15-PASS



1-N5-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant13-14.158-14.98-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant13-14.180-14.97-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant13-14.170-14.88-≤15-PASS



1-N5-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant13-13.442-14.24-≤15-PASS



1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant13-13.497-14.18-≤15-PASS



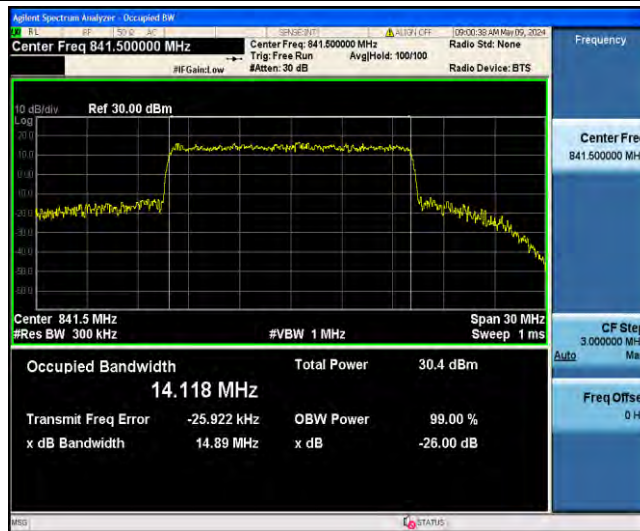
1-N5-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant13-13.491-14.20-≤15-PASS



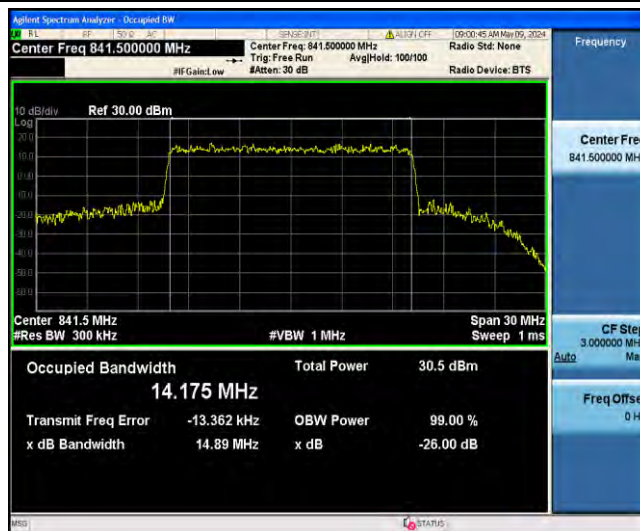
1-N5-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant13-13.477-14.23-≤15-PASS



1-N5-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-Ant13-13.450-14.22-≤15-PASS



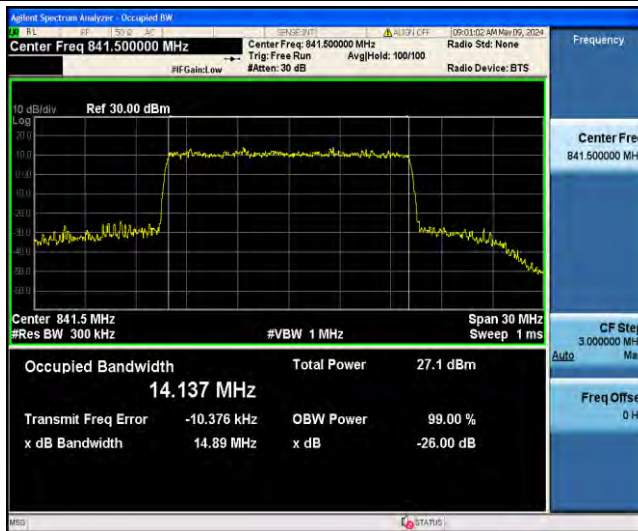
1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant13-14.118-14.89-≤15-PASS



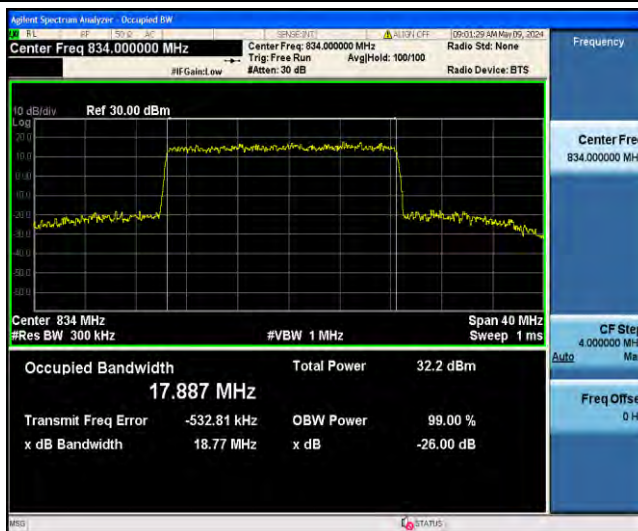
1-N5-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant13-14.175-14.89-≤15-PASS



1-N5-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant13-14.170-14.88-≤15-PASS



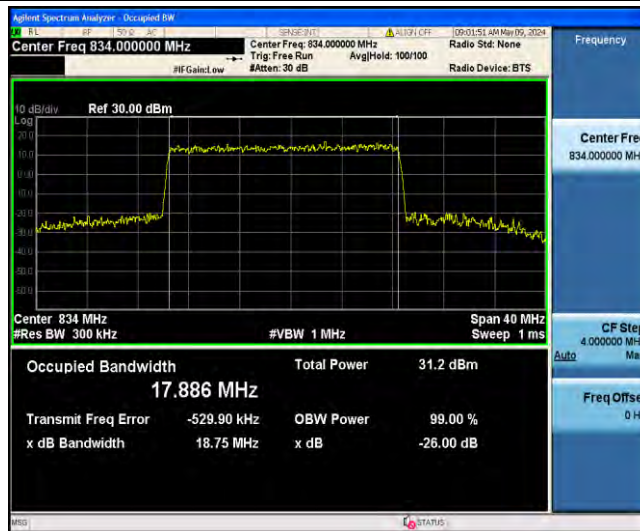
1-N5-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant13-14.137-14.89-≤15-PASS



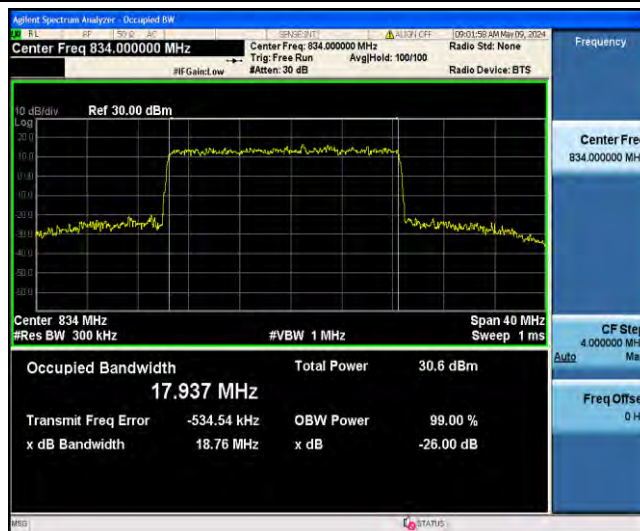
1-N5-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant13-17.887-18.77-≤20-PASS



1-N5-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant13-17.922-18.72-≤20-PASS



1-N5-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant13-17.886-18.75-≤20-PASS



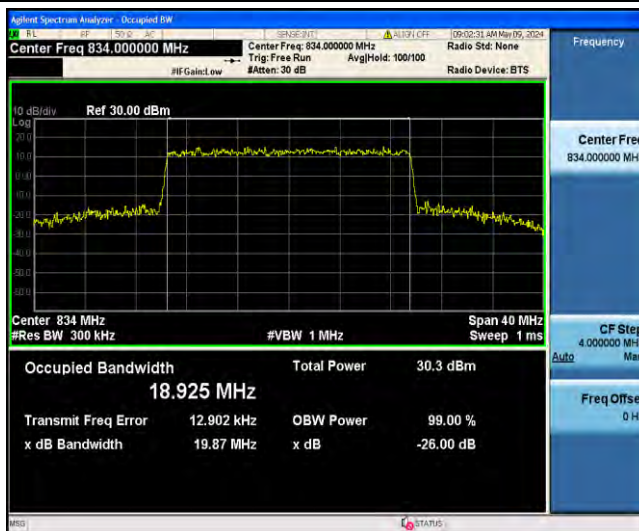
1-N5-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant13-17.937-18.76-≤20-PASS



1-N5-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant13-17.835-18.67-≤20-PASS



1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant13-18.922-22.17-<20-PASS



1-N5-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant13-18.925-19.87-<20-PASS



1-N5-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant13-18.944-19.80-<20-PASS



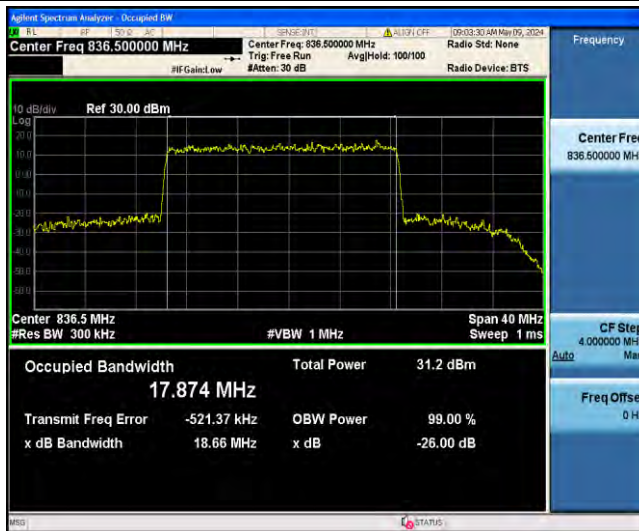
1-N5-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant13-18.894-19.88-≤20-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant13-17.891-18.73-≤20-PASS



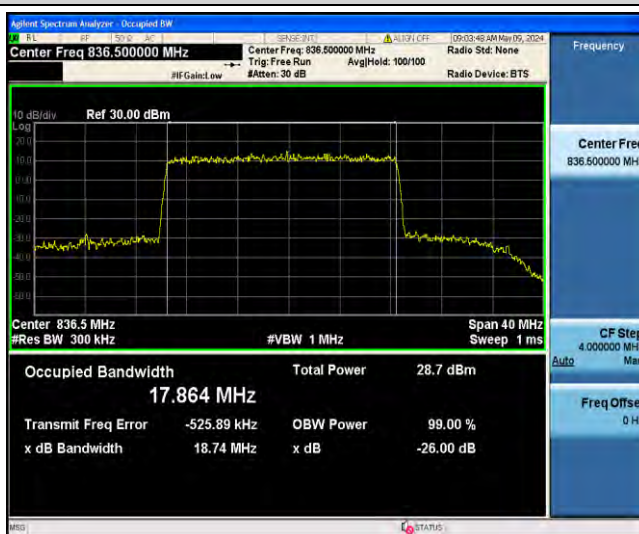
1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant13-17.908-18.77-≤20-PASS



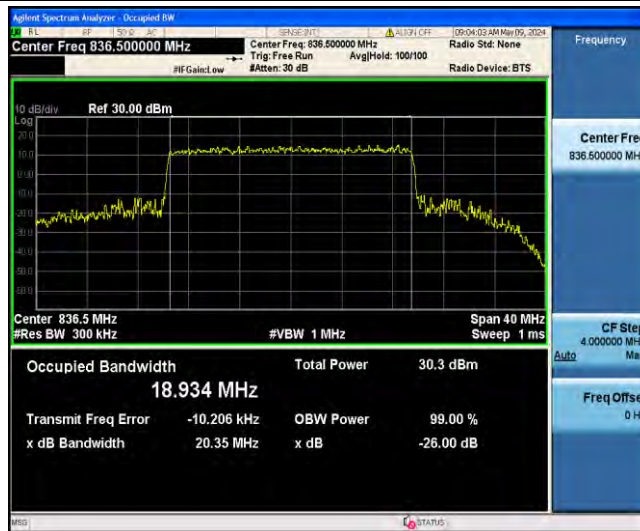
1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant13-17.874-18.66-≤20-PASS



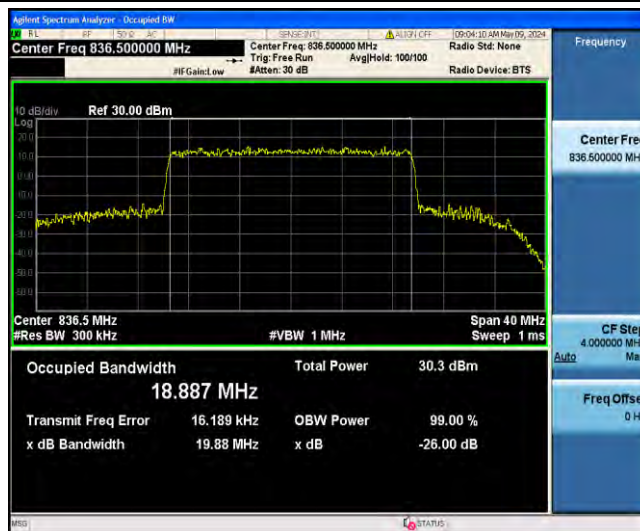
1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant13-17.907-18.68-≤20-PASS



1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant13-17.864-18.74-≤20-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant13-18.934-20.35-≤20-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant13-18.887-19.88-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant13-18.950-19.75-≤20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant13-18.909-19.90-≤20-PASS



1-N5-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant13-17.927-18.74-≤20-PASS



1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant13-17.921-18.69-≤20-PASS



1-N5-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant13-17.909-18.83-<20-PASS



1-N5-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant13-17.920-18.72-<20-PASS



1-N5-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant13-17.889-18.77-<20-PASS



1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant13-18.907-19.83-<20-PASS



1-N5-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant13-18.897-19.82-<20-PASS



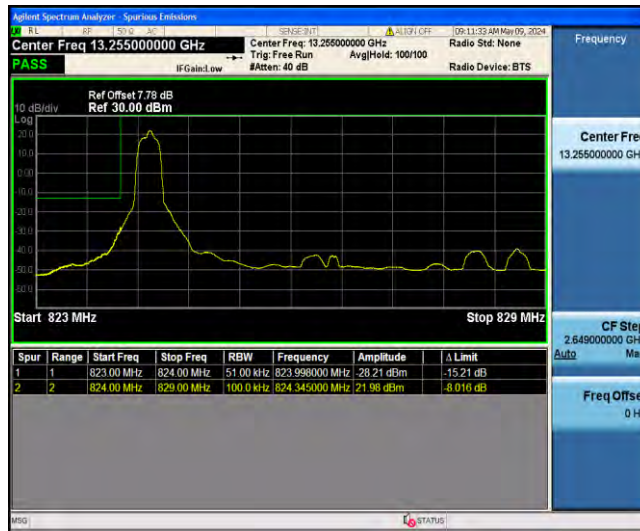
1-N5-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant13-18.974-19.77-<20-PASS



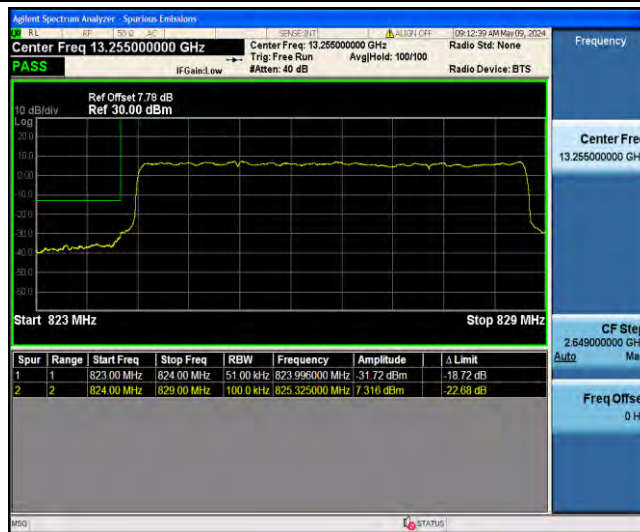
1-N5-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant13-18.901-19.87-<20-PASS

Band Edge for SA

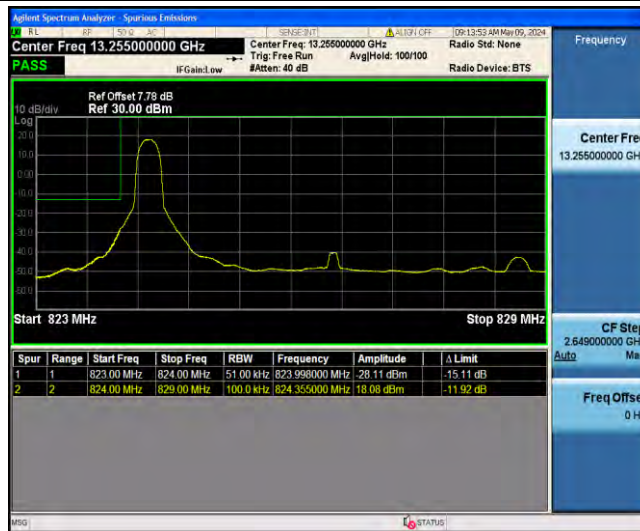
Test Graphs



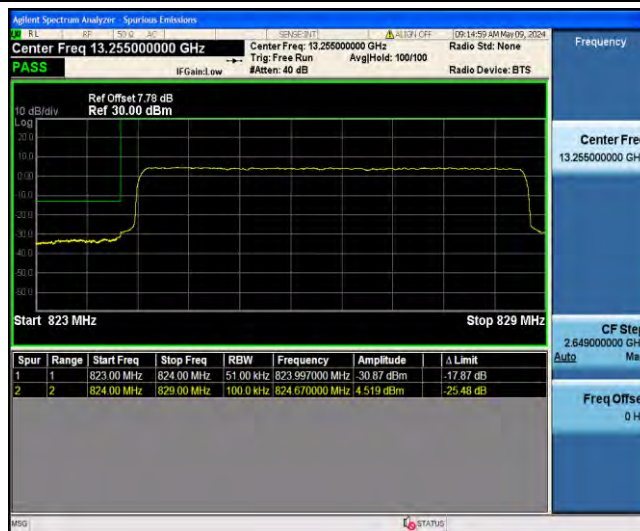
1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant13-824.00-15.21--28.21-PASS



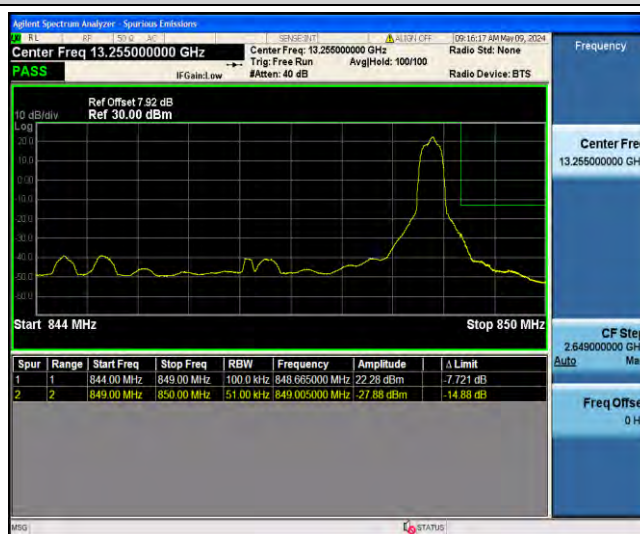
1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant13-824.00-18.72--31.72-PASS



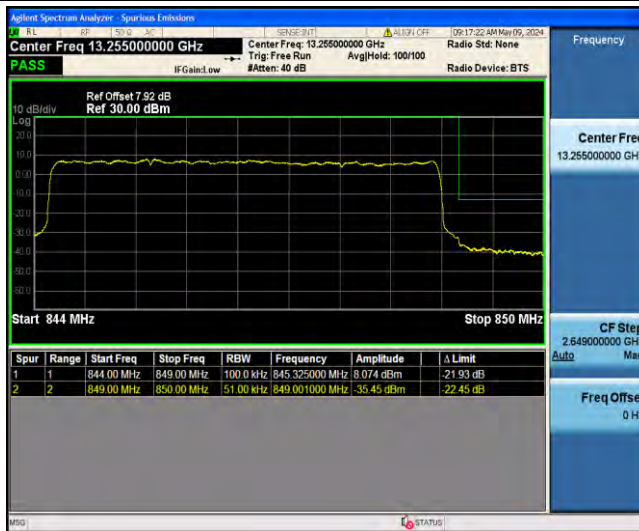
1-N5-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant13-824.00-15.11--28.11-PASS



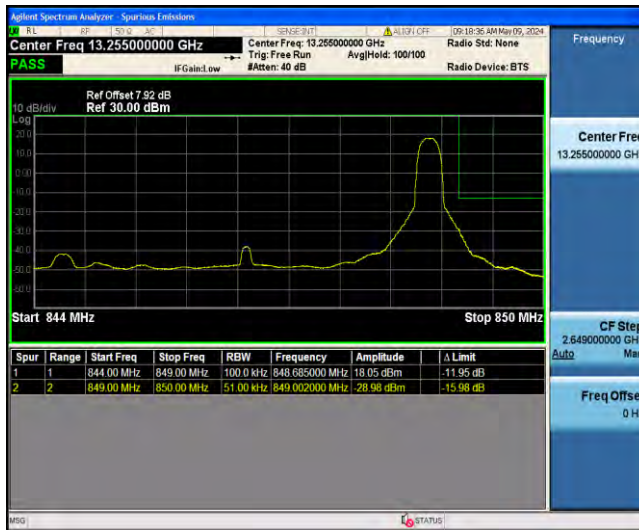
1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant13-824.00-17.87--30.87-PASS



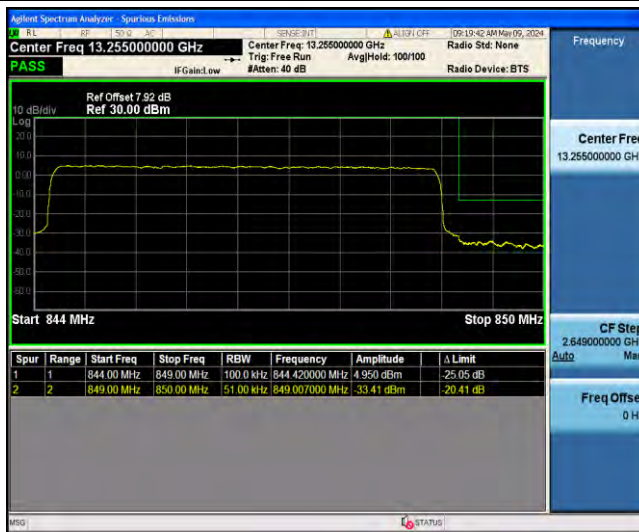
1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant13-849.01-14.88--27.88-PASS



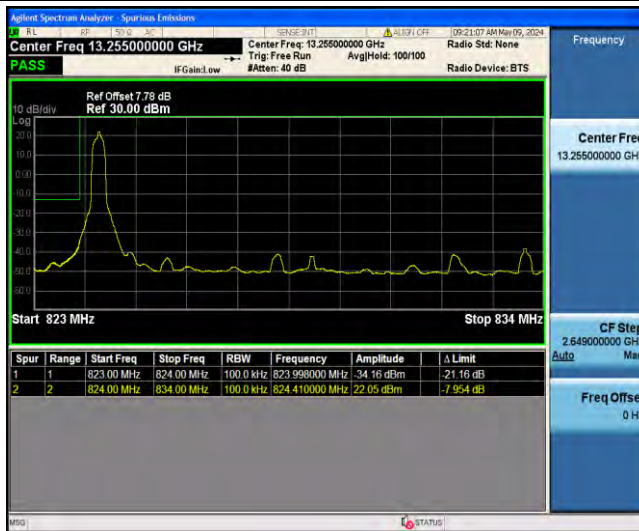
1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant13-849.00-22.45--35.45-PASS



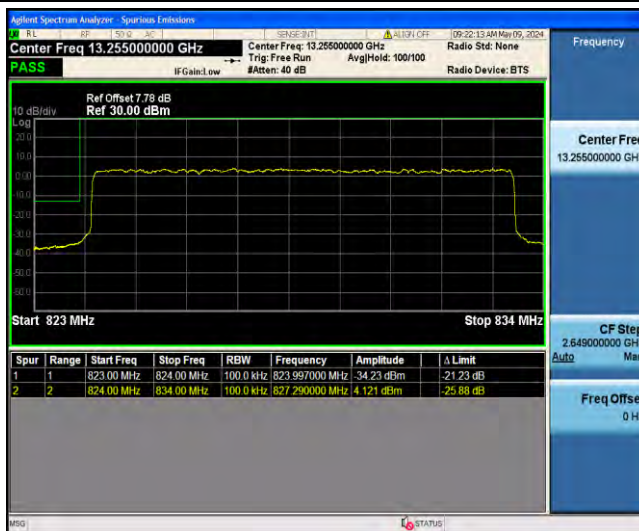
1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant13-849.00-15.98--28.98-PASS



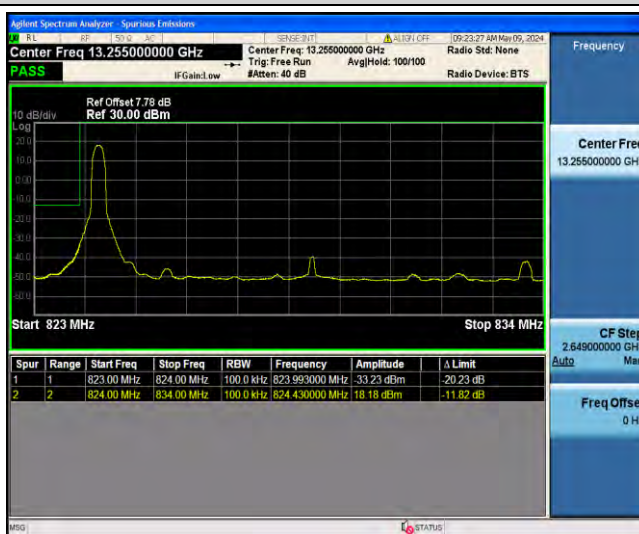
1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant13-849.01-20.41--33.41-PASS



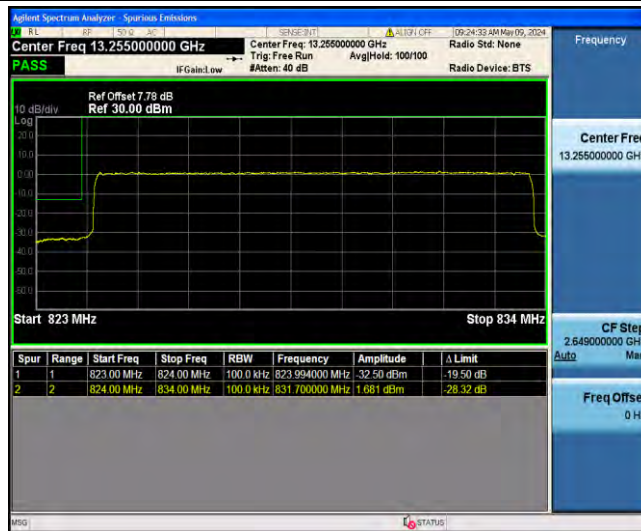
1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant13-824.00-21.16--34.16-PASS



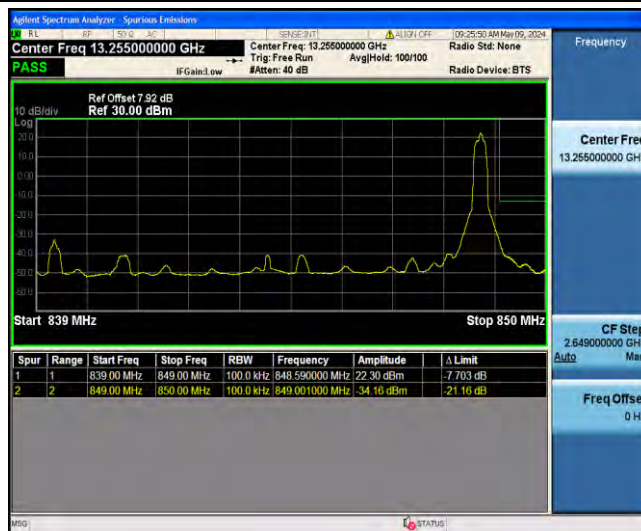
1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant13-824.00-21.23--34.23-PASS



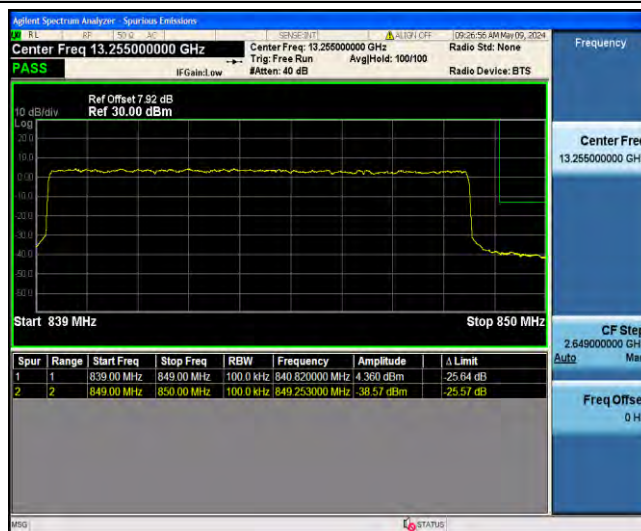
1-N5-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant13-823.99-20.23--33.23-PASS



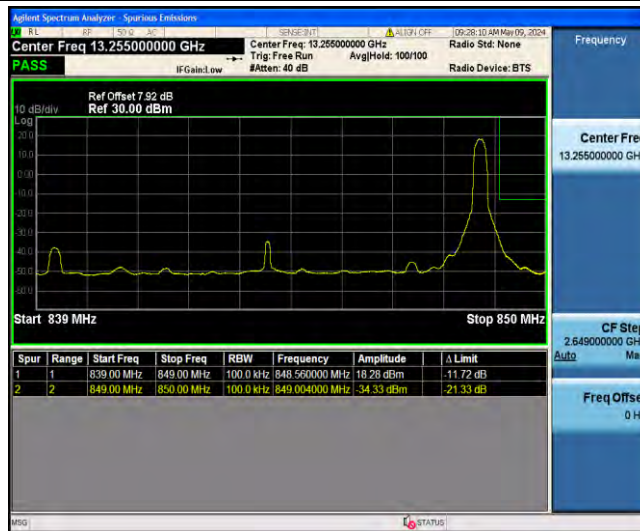
1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant13-823.99-19.50--32.50-PASS



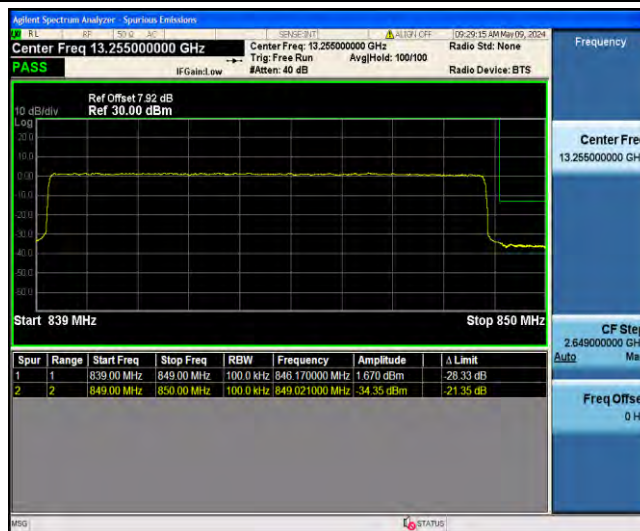
1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant13-849.00-21.16--34.16-PASS



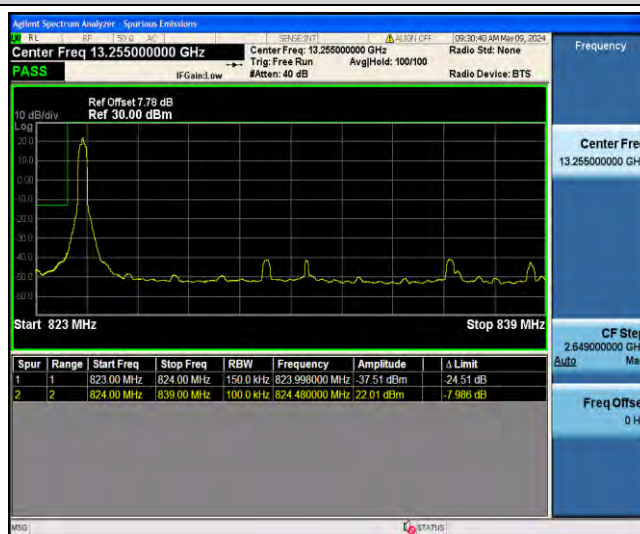
1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant13-849.25-25.57--38.57-PASS



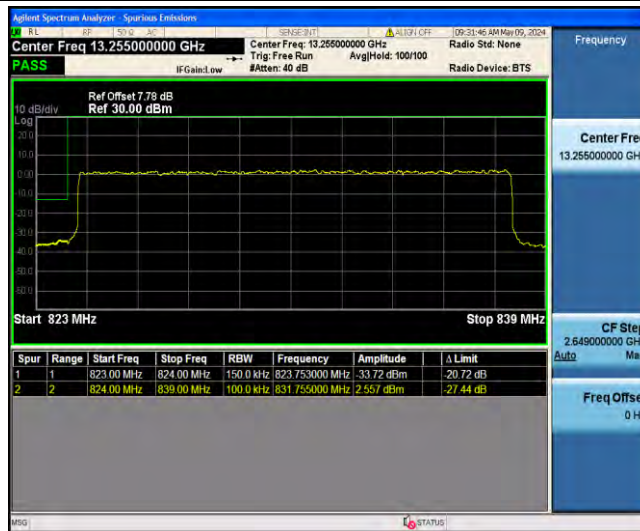
1-N5-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant13-849.00-21.33--34.33-PASS



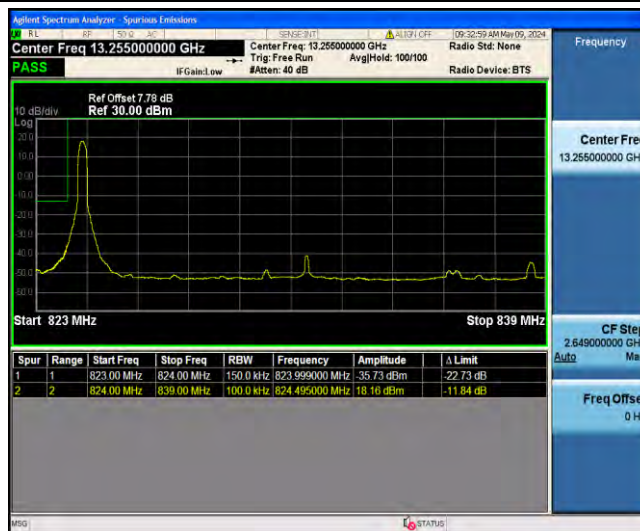
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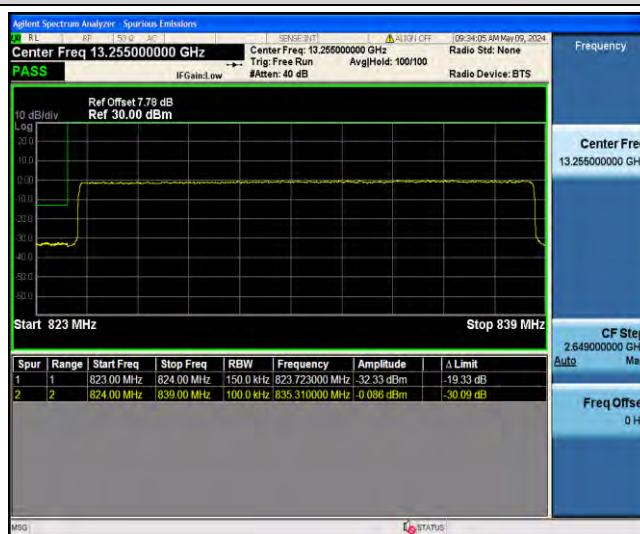
1-N5-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant13-824.00-24.51--37.51-PASS



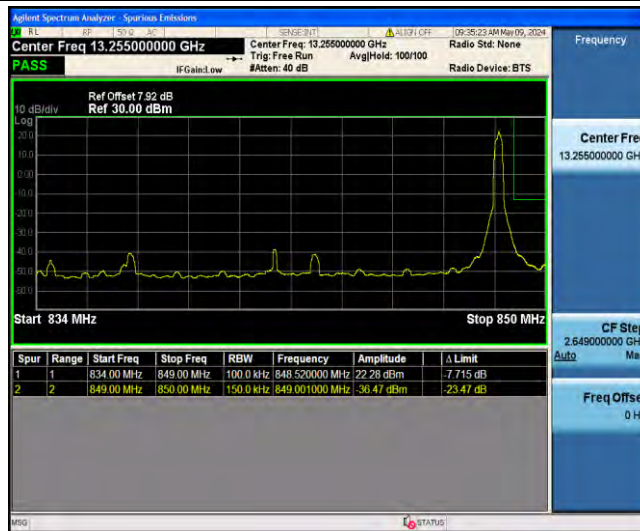
1-N5-PC3-15-15-L-3-DFT-PI2BPSK-Outter_Full-75@0-Ant13-823.75-20.72--33.72-PASS



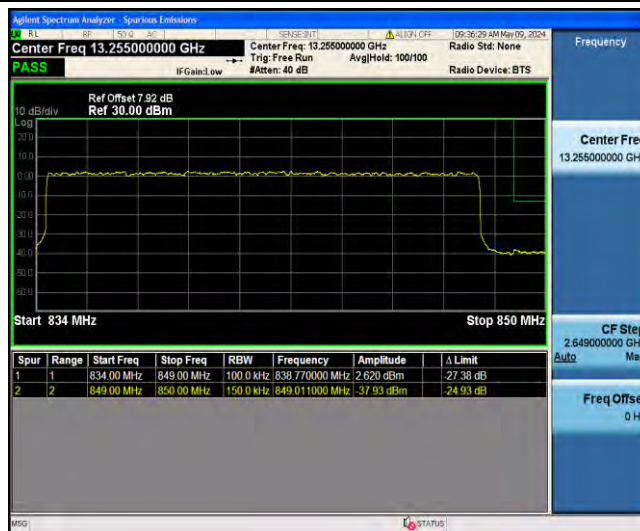
1-N5-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant13-824.00-22.73--35.73-PASS



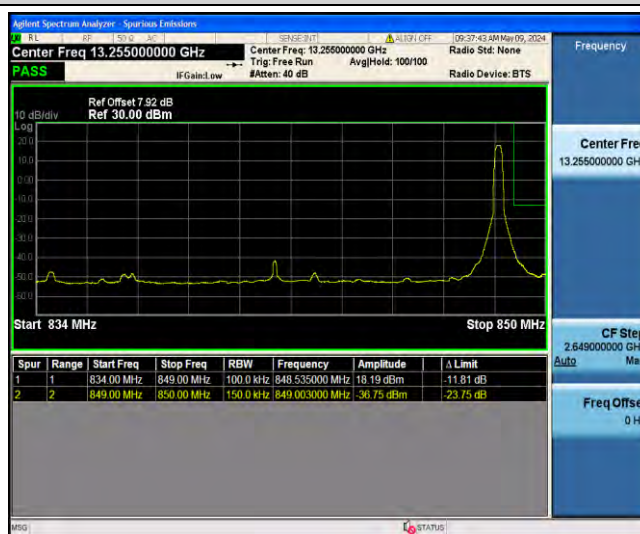
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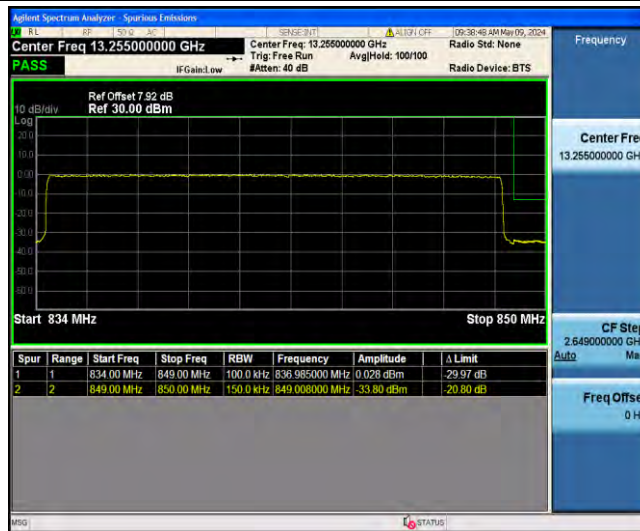
1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant13-849.00-23.47--36.47-PASS



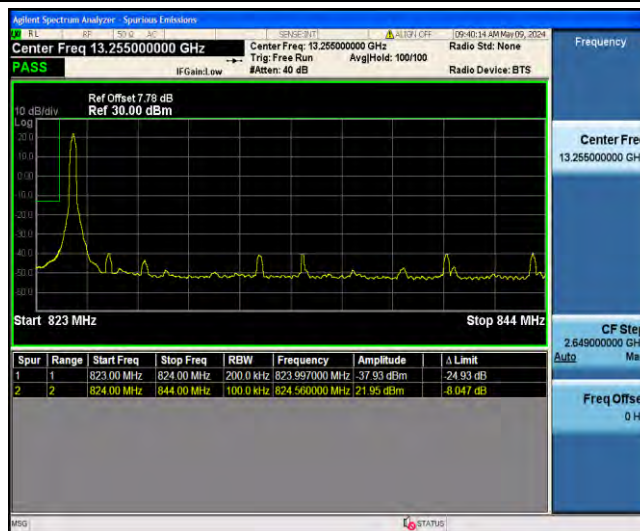
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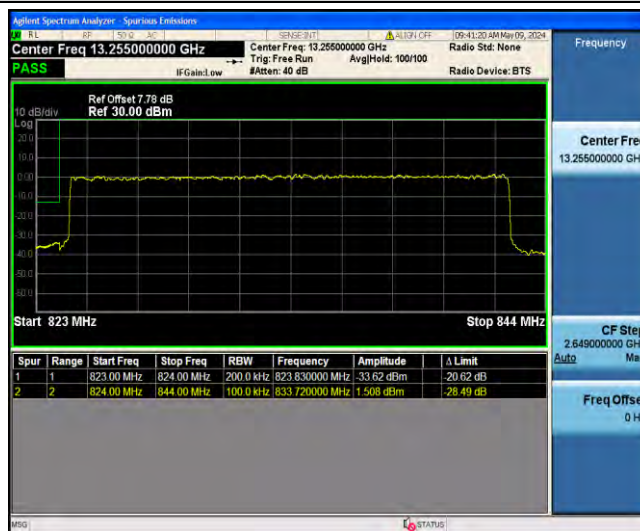
1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant13-849.00-23.75--36.75-PASS



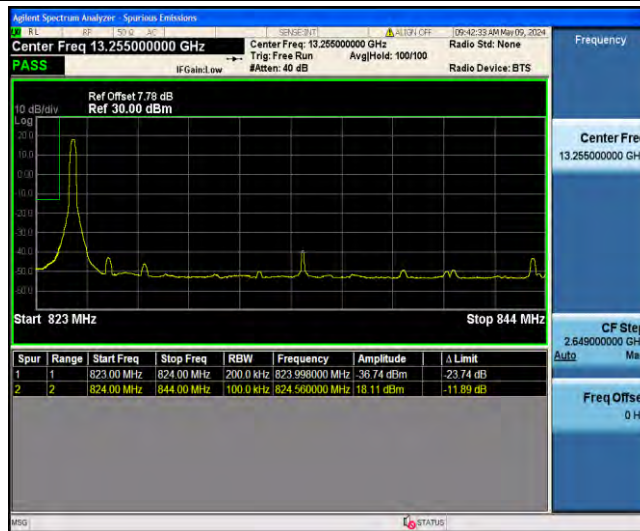
1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant13-849.01-20.80--33.80-PASS



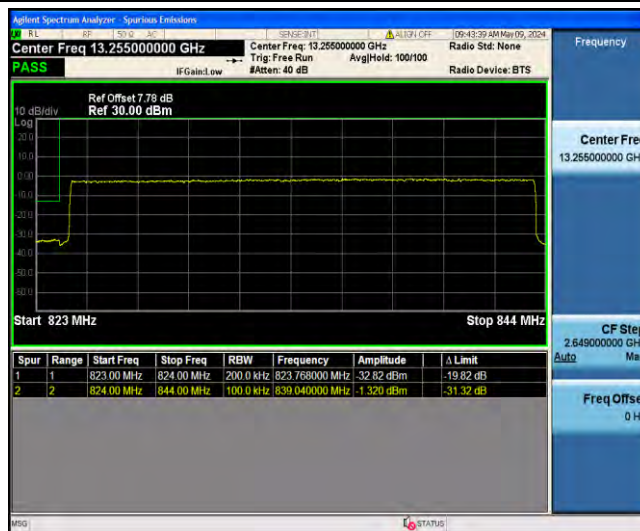
1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant13-824.00-24.93--37.93-PASS



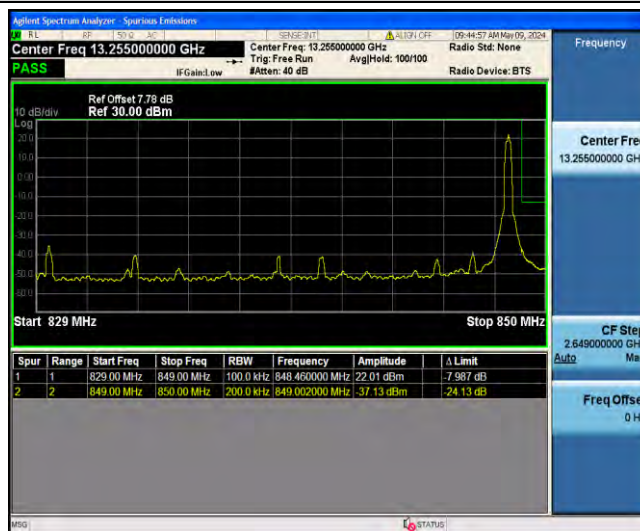
1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant13-823.83-20.62--33.62-PASS



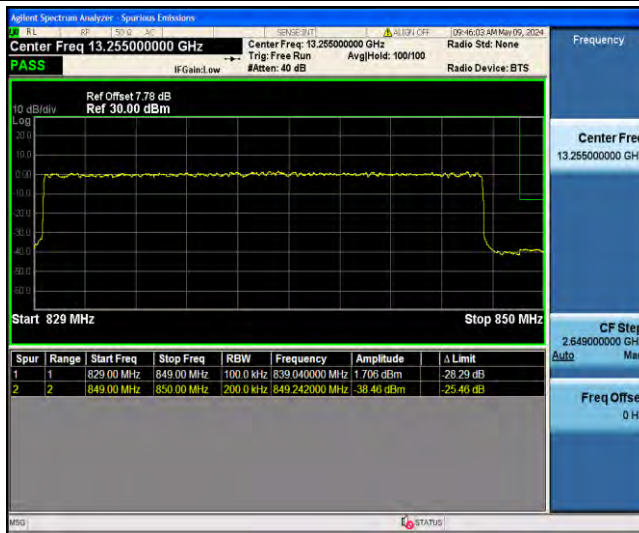
1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant13-824.00-23.74--36.74-PASS



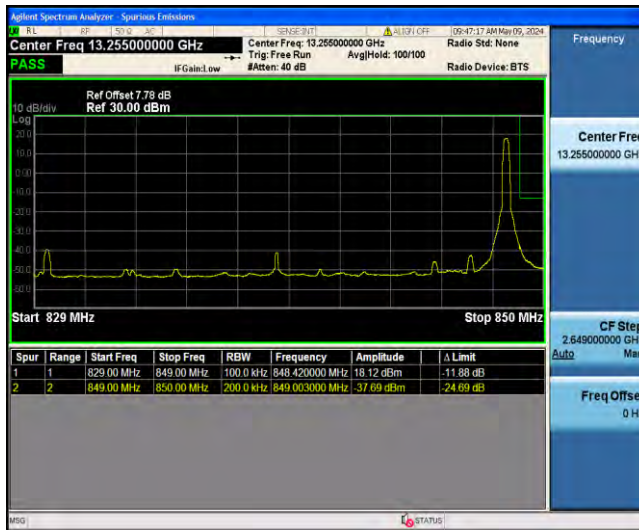
1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant13-823.77-19.82--32.82-PASS



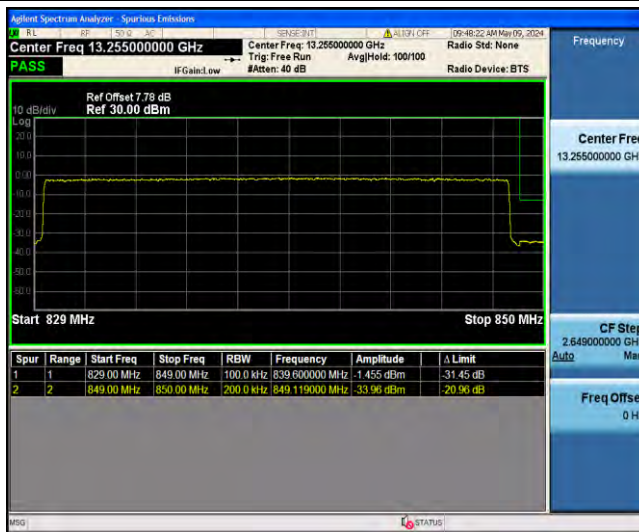
1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant13-849.00-24.13--37.13-PASS



1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant13-849.24-25.46--38.46-PASS



1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant13-849.00-24.69--37.69-PASS



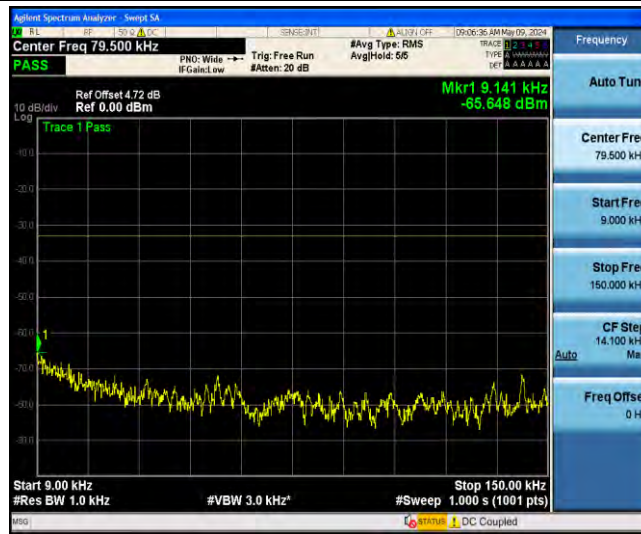
1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant13-849.12-20.96--33.96-PASS

Conducted Spurious Emission for SA

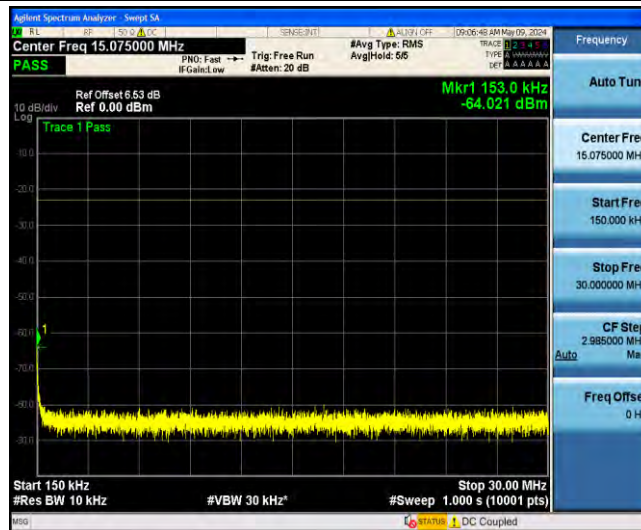
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N5	15	20	DFT-PI2BPSK	L	0.009	0.15	1@1	-65.65	-33	PASS
N5	15	20	DFT-PI2BPSK	L	0.15	30	1@1	-64.02	-23	PASS
N5	15	20	DFT-PI2BPSK	L	30	1000	1@1	-44.27	-13	PASS
N5	15	20	DFT-PI2BPSK	L	1000	3000	1@1	-38.85	-13	PASS
N5	15	20	DFT-PI2BPSK	L	3000	12000	1@1	-46.84	-13	PASS
N5	15	20	DFT-PI2BPSK	L	12000	20000	1@1	-43.87	-13	PASS
N5	15	20	DFT-PI2BPSK	M	0.009	0.15	1@1	-62.15	-33	PASS
N5	15	20	DFT-PI2BPSK	M	0.15	30	1@1	-62.04	-23	PASS
N5	15	20	DFT-PI2BPSK	M	30	1000	1@1	-41.18	-13	PASS
N5	15	20	DFT-PI2BPSK	M	1000	3000	1@1	-38.94	-13	PASS
N5	15	20	DFT-PI2BPSK	M	3000	12000	1@1	-46.66	-13	PASS
N5	15	20	DFT-PI2BPSK	M	12000	20000	1@1	-43.85	-13	PASS
N5	15	20	DFT-PI2BPSK	H	0.009	0.15	1@1	-64.94	-33	PASS
N5	15	20	DFT-PI2BPSK	H	0.15	30	1@1	-51.28	-23	PASS
N5	15	20	DFT-PI2BPSK	H	30	1000	1@1	-44.14	-13	PASS
N5	15	20	DFT-PI2BPSK	H	1000	3000	1@1	-38.86	-13	PASS
N5	15	20	DFT-PI2BPSK	H	3000	12000	1@1	-46.88	-13	PASS
N5	15	20	DFT-PI2BPSK	H	12000	20000	1@1	-43.98	-13	PASS

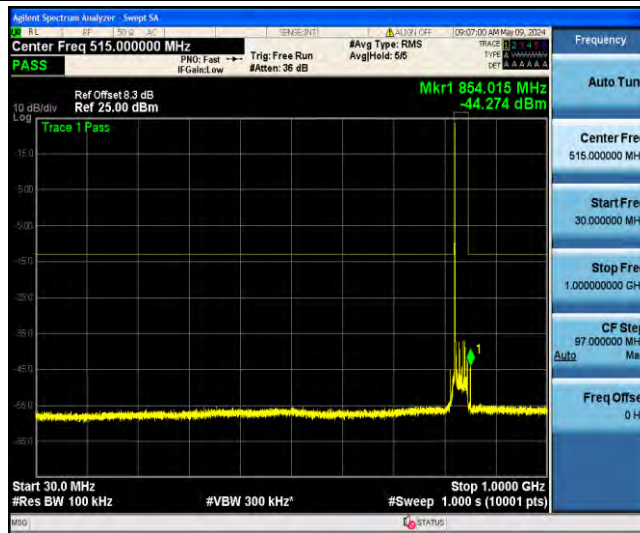
Test Graphs



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant13-0.01--65.65--33-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant13-0.15--64.02--23-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant13-854.02--44.27--13-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant13-2662.60--38.85--13-PA
SS



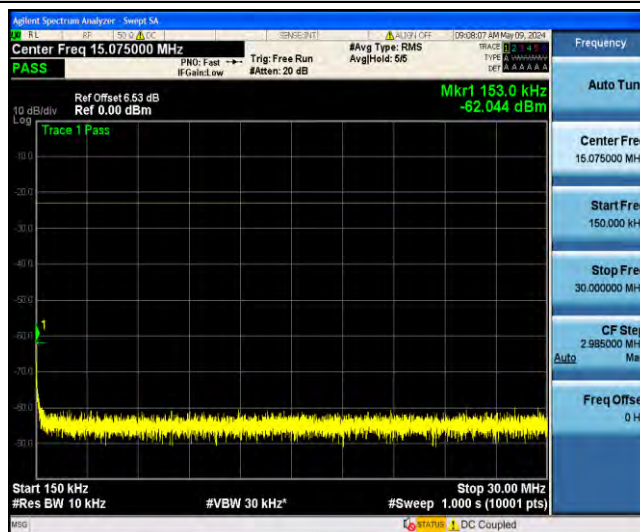
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SS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant13-18774.80--43.87--13-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant13-0.06--62.15--33-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant13-0.15--62.04--23-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant13-850.23--41.18--13-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant13-2689.20--38.94--13-PASS



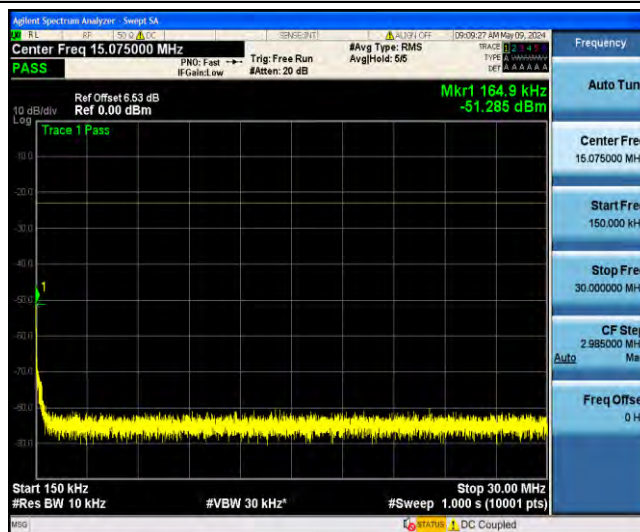
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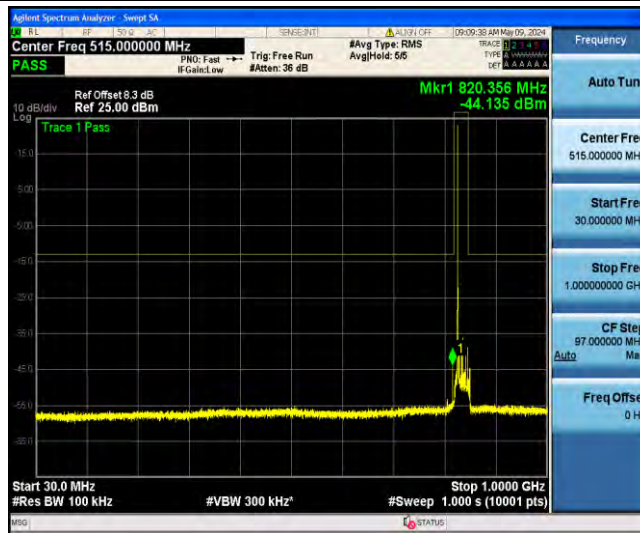
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 -PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant13-0.01--64.94--33-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant13-0.16--51.28--23-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant13-820.36--44.14--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant13-2670.60--38.86--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant13-5846.70--46.88--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant13-18750.40--43.98--13-PASS

Field Strength of Spurious Radiation

SA Band 5 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
1650.0	-71.25	-13	-58.25	-74.13	2.62	5.5	Horizontal	Pass
2475.0	-67.19	-13	-54.19	-69.89	3.06	5.76	Horizontal	Pass
3300.0	-67.45	-13	-54.45	-71.82	3.3	7.67	Horizontal	Pass
1650.0	-71.54	-13	-58.54	-74.42	2.62	5.5	Vertical	Pass
2475.0	-67.73	-13	-54.73	-70.43	3.06	5.76	Vertical	Pass
3300.0	-67.62	-13	-54.62	-71.99	3.3	7.67	Vertical	Pass

SA Band 5 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
1655.0	-70.92	-13	-57.92	-73.79	2.62	5.49	Horizontal	Pass
2482.5	-65.86	-13	-52.86	-68.57	3.07	5.78	Horizontal	Pass
3310.0	-67.61	-13	-54.61	-72.01	3.3	7.7	Horizontal	Pass
1655.0	-70.83	-13	-57.83	-73.7	2.62	5.49	Vertical	Pass
2482.5	-67.69	-13	-54.69	-70.4	3.07	5.78	Vertical	Pass
3310.0	-67.38	-13	-54.38	-71.78	3.3	7.7	Vertical	Pass

SA Band 5 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
1660.0	-71.42	-13	-58.42	-74.28	2.62	5.48	Horizontal	Pass
2490.0	-67.0	-13	-54.0	-69.73	3.07	5.8	Horizontal	Pass
3320.0	-66.9	-13	-53.9	-71.31	3.31	7.72	Horizontal	Pass
1660.0	-70.92	-13	-57.92	-73.78	2.62	5.48	Vertical	Pass
2490.0	-66.55	-13	-53.55	-69.28	3.07	5.8	Vertical	Pass
3320.0	-67.48	-13	-54.48	-71.89	3.31	7.72	Vertical	Pass

DC_7A_n5A -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
3300.0	-67.1	-13	-54.1	-71.47	3.3	7.67	Horizontal	Pass
4125.0	-65.54	-13	-52.54	-70.55	3.97	8.98	Horizontal	Pass
4950.0	-62.41	-13	-49.41	-67.93	4.55	10.07	Horizontal	Pass
3300.0	-66.74	-13	-53.74	-71.11	3.3	7.67	Vertical	Pass
4125.0	-65.38	-13	-52.38	-70.39	3.97	8.98	Vertical	Pass
4950.0	-63.07	-13	-50.07	-68.59	4.55	10.07	Vertical	Pass

DC_7A_n5A -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
3310.0	-67.0	-13	-54.0	-71.4	3.3	7.7	Horizontal	Pass
4137.5	-65.6	-13	-52.6	-70.61	3.98	8.99	Horizontal	Pass
4965.0	-62.78	-13	-49.78	-68.32	4.55	10.09	Horizontal	Pass
3310.0	-66.69	-13	-53.69	-71.09	3.3	7.7	Vertical	Pass
4137.5	-65.37	-13	-52.37	-70.38	3.98	8.99	Vertical	Pass
4965.0	-62.49	-13	-49.49	-68.03	4.55	10.09	Vertical	Pass

DC_7A_n5A -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
3320.0	-66.66	-13	-53.66	-71.07	3.31	7.72	Horizontal	Pass
4150.0	-65.45	-13	-52.45	-70.47	3.99	9.01	Horizontal	Pass
4980.0	-62.91	-13	-49.91	-68.46	4.56	10.11	Horizontal	Pass
3320.0	-66.9	-13	-53.9	-71.31	3.31	7.72	Vertical	Pass
4150.0	-65.6	-13	-52.6	-70.62	3.99	9.01	Vertical	Pass
4980.0	-62.93	-13	-49.93	-68.48	4.56	10.11	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	Band width	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	100@0	VH	NT	-9.00	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	VN	NT	-7.60	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	VL	NT	-7.90	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VH	NT	-8.00	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VN	NT	-9.00	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VL	NT	-8.10	-0.01	±2.5	PASS

Frequency Error VS. Temperature

Temperature											
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	100@0	NV	50	-7.400000	-0.008846	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-20	-8.000000	-0.009564	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-10	-7.900000	-0.009444	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	0	-5.800000	-0.006934	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	10	-6.400000	-0.007651	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	20	-6.700000	-0.008010	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	30	-9.000000	-0.010759	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-30	-7.000000	-0.008368	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	40	-8.700000	-0.010400	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	50	-7.500000	-0.008966	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-20	-10.800000	-0.012911	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-10	-9.800000	-0.011715	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	0	-7.600000	-0.009085	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	10	-5.400000	-0.006455	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	20	-8.100000	-0.009683	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	30	-7.700000	-0.009205	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	40	-7.900000	-0.009444	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-30	-8.200000	-0.009803	±2.5	PASS

---End of Attachment---