

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant 13

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	1@1	24.09	18.03	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	1@23	24.05	17.99	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	25@0	23.68	17.62	38.45	PASS
N5	15	5	DFT-QPSK	L	1@1	24.09	18.03	38.45	PASS
N5	15	5	DFT-QPSK	L	1@23	24.02	17.96	38.45	PASS
N5	15	5	DFT-QPSK	L	25@0	23.49	17.43	38.45	PASS
N5	15	5	DFT-16QAM	L	1@1	23.95	17.89	38.45	PASS
N5	15	5	DFT-16QAM	L	1@23	23.83	17.77	38.45	PASS
N5	15	5	DFT-16QAM	L	25@0	22.67	16.61	38.45	PASS
N5	15	5	DFT-64QAM	L	1@1	22.16	16.1	38.45	PASS
N5	15	5	DFT-64QAM	L	1@23	22.10	16.04	38.45	PASS
N5	15	5	DFT-64QAM	L	25@0	22.07	16.01	38.45	PASS
N5	15	5	DFT-256QAM	L	1@1	19.84	13.78	38.45	PASS
N5	15	5	DFT-256QAM	L	1@23	19.78	13.72	38.45	PASS
N5	15	5	DFT-256QAM	L	25@0	19.98	13.92	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	1@1	23.98	17.92	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	1@23	23.96	17.9	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	25@0	23.55	17.49	38.45	PASS
N5	15	5	DFT-QPSK	M	1@1	24.00	17.94	38.45	PASS
N5	15	5	DFT-QPSK	M	1@23	23.95	17.89	38.45	PASS
N5	15	5	DFT-QPSK	M	25@0	23.32	17.26	38.45	PASS
N5	15	5	DFT-16QAM	M	1@1	23.64	17.58	38.45	PASS
N5	15	5	DFT-16QAM	M	1@23	23.64	17.58	38.45	PASS
N5	15	5	DFT-16QAM	M	25@0	22.57	16.51	38.45	PASS
N5	15	5	DFT-64QAM	M	1@1	21.94	15.88	38.45	PASS
N5	15	5	DFT-64QAM	M	1@23	22.01	15.95	38.45	PASS
N5	15	5	DFT-64QAM	M	25@0	21.99	15.93	38.45	PASS
N5	15	5	DFT-256QAM	M	1@1	19.61	13.55	38.45	PASS
N5	15	5	DFT-256QAM	M	1@23	19.65	13.59	38.45	PASS
N5	15	5	DFT-256QAM	M	25@0	19.88	13.82	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	1@1	23.90	17.84	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	1@23	23.84	17.78	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	25@0	23.47	17.41	38.45	PASS
N5	15	5	DFT-QPSK	H	1@1	23.88	17.82	38.45	PASS
N5	15	5	DFT-QPSK	H	1@23	23.81	17.75	38.45	PASS
N5	15	5	DFT-QPSK	H	25@0	23.24	17.18	38.45	PASS

N5	15	5	DFT-16QAM	H	1@1	23.67	17.61	38.45	PASS
N5	15	5	DFT-16QAM	H	1@23	23.63	17.57	38.45	PASS
N5	15	5	DFT-16QAM	H	25@0	22.44	16.38	38.45	PASS
N5	15	5	DFT-64QAM	H	1@1	21.95	15.89	38.45	PASS
N5	15	5	DFT-64QAM	H	1@23	21.91	15.85	38.45	PASS
N5	15	5	DFT-64QAM	H	25@0	21.90	15.84	38.45	PASS
N5	15	5	DFT-256QAM	H	1@1	19.62	13.56	38.45	PASS
N5	15	5	DFT-256QAM	H	1@23	19.52	13.46	38.45	PASS
N5	15	5	DFT-256QAM	H	25@0	19.77	13.71	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	1@1	24.05	17.99	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	1@50	23.96	17.9	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	50@0	23.63	17.57	38.45	PASS
N5	15	10	DFT-QPSK	L	1@1	24.05	17.99	38.45	PASS
N5	15	10	DFT-QPSK	L	1@50	23.97	17.91	38.45	PASS
N5	15	10	DFT-QPSK	L	50@0	23.41	17.35	38.45	PASS
N5	15	10	DFT-16QAM	L	1@1	23.75	17.69	38.45	PASS
N5	15	10	DFT-16QAM	L	1@50	23.65	17.59	38.45	PASS
N5	15	10	DFT-16QAM	L	50@0	22.57	16.51	38.45	PASS
N5	15	10	DFT-64QAM	L	1@1	21.97	15.91	38.45	PASS
N5	15	10	DFT-64QAM	L	1@50	21.87	15.81	38.45	PASS
N5	15	10	DFT-64QAM	L	50@0	21.91	15.85	38.45	PASS
N5	15	10	DFT-256QAM	L	1@1	19.70	13.64	38.45	PASS
N5	15	10	DFT-256QAM	L	1@50	19.60	13.54	38.45	PASS
N5	15	10	DFT-256QAM	L	50@0	19.90	13.84	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	1@1	23.94	17.88	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	1@50	23.97	17.91	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	50@0	23.58	17.52	38.45	PASS
N5	15	10	DFT-QPSK	M	1@1	23.91	17.85	38.45	PASS
N5	15	10	DFT-QPSK	M	1@50	23.86	17.8	38.45	PASS
N5	15	10	DFT-QPSK	M	50@0	23.35	17.29	38.45	PASS
N5	15	10	DFT-16QAM	M	1@1	23.58	17.52	38.45	PASS
N5	15	10	DFT-16QAM	M	1@50	23.66	17.6	38.45	PASS
N5	15	10	DFT-16QAM	M	50@0	22.52	16.46	38.45	PASS
N5	15	10	DFT-64QAM	M	1@1	21.99	15.93	38.45	PASS
N5	15	10	DFT-64QAM	M	1@50	22.04	15.98	38.45	PASS
N5	15	10	DFT-64QAM	M	50@0	21.89	15.83	38.45	PASS
N5	15	10	DFT-256QAM	M	1@1	19.65	13.59	38.45	PASS
N5	15	10	DFT-256QAM	M	1@50	19.54	13.48	38.45	PASS
N5	15	10	DFT-256QAM	M	50@0	19.93	13.87	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	1@1	23.95	17.89	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	1@50	23.69	17.63	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	50@0	23.45	17.39	38.45	PASS
N5	15	10	DFT-QPSK	H	1@1	23.86	17.8	38.45	PASS

N5	15	10	DFT-QPSK	H	1@50	23.69	17.63	38.45	PASS
N5	15	10	DFT-QPSK	H	50@0	23.32	17.26	38.45	PASS
N5	15	10	DFT-16QAM	H	1@1	23.62	17.56	38.45	PASS
N5	15	10	DFT-16QAM	H	1@50	23.52	17.46	38.45	PASS
N5	15	10	DFT-16QAM	H	50@0	22.51	16.45	38.45	PASS
N5	15	10	DFT-64QAM	H	1@1	21.93	15.87	38.45	PASS
N5	15	10	DFT-64QAM	H	1@50	21.90	15.84	38.45	PASS
N5	15	10	DFT-64QAM	H	50@0	21.83	15.77	38.45	PASS
N5	15	10	DFT-256QAM	H	1@1	19.56	13.5	38.45	PASS
N5	15	10	DFT-256QAM	H	1@50	19.41	13.35	38.45	PASS
N5	15	10	DFT-256QAM	H	50@0	19.85	13.79	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	1@1	24.12	18.06	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	1@77	23.97	17.91	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	75@0	23.71	17.65	38.45	PASS
N5	15	15	DFT-QPSK	L	1@1	23.96	17.9	38.45	PASS
N5	15	15	DFT-QPSK	L	1@77	23.94	17.88	38.45	PASS
N5	15	15	DFT-QPSK	L	75@0	23.46	17.4	38.45	PASS
N5	15	15	DFT-16QAM	L	1@1	23.81	17.75	38.45	PASS
N5	15	15	DFT-16QAM	L	1@77	23.70	17.64	38.45	PASS
N5	15	15	DFT-16QAM	L	75@0	22.64	16.58	38.45	PASS
N5	15	15	DFT-64QAM	L	1@1	22.11	16.05	38.45	PASS
N5	15	15	DFT-64QAM	L	1@77	22.08	16.02	38.45	PASS
N5	15	15	DFT-64QAM	L	75@0	21.92	15.86	38.45	PASS
N5	15	15	DFT-256QAM	L	1@1	19.78	13.72	38.45	PASS
N5	15	15	DFT-256QAM	L	1@77	19.80	13.74	38.45	PASS
N5	15	15	DFT-256QAM	L	75@0	19.97	13.91	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	1@1	23.95	17.89	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	1@77	23.96	17.9	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	75@0	23.63	17.57	38.45	PASS
N5	15	15	DFT-QPSK	M	1@1	23.91	17.85	38.45	PASS
N5	15	15	DFT-QPSK	M	1@77	23.88	17.82	38.45	PASS
N5	15	15	DFT-QPSK	M	75@0	23.41	17.35	38.45	PASS
N5	15	15	DFT-16QAM	M	1@1	23.72	17.66	38.45	PASS
N5	15	15	DFT-16QAM	M	1@77	23.70	17.64	38.45	PASS
N5	15	15	DFT-16QAM	M	75@0	22.68	16.62	38.45	PASS
N5	15	15	DFT-64QAM	M	1@1	22.11	16.05	38.45	PASS
N5	15	15	DFT-64QAM	M	1@77	21.99	15.93	38.45	PASS
N5	15	15	DFT-64QAM	M	75@0	21.91	15.85	38.45	PASS
N5	15	15	DFT-256QAM	M	1@1	19.73	13.67	38.45	PASS
N5	15	15	DFT-256QAM	M	1@77	19.75	13.69	38.45	PASS
N5	15	15	DFT-256QAM	M	75@0	19.93	13.87	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	1@1	23.97	17.91	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	1@77	23.83	17.77	38.45	PASS

N5	15	15	DFT-PI2BPSK	H	75@0	23.56	17.5	38.45	PASS
N5	15	15	DFT-QPSK	H	1@1	23.90	17.84	38.45	PASS
N5	15	15	DFT-QPSK	H	1@77	23.76	17.7	38.45	PASS
N5	15	15	DFT-QPSK	H	75@0	23.45	17.39	38.45	PASS
N5	15	15	DFT-16QAM	H	1@1	23.55	17.49	38.45	PASS
N5	15	15	DFT-16QAM	H	1@77	23.60	17.54	38.45	PASS
N5	15	15	DFT-16QAM	H	75@0	22.61	16.55	38.45	PASS
N5	15	15	DFT-64QAM	H	1@1	21.99	15.93	38.45	PASS
N5	15	15	DFT-64QAM	H	1@77	21.97	15.91	38.45	PASS
N5	15	15	DFT-64QAM	H	75@0	21.93	15.87	38.45	PASS
N5	15	15	DFT-256QAM	H	1@1	19.66	13.6	38.45	PASS
N5	15	15	DFT-256QAM	H	1@77	19.69	13.63	38.45	PASS
N5	15	15	DFT-256QAM	H	75@0	19.97	13.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	1@1	24.04	17.98	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	1@104	23.83	17.77	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	100@0	23.49	17.43	38.45	PASS
N5	15	20	DFT-QPSK	L	1@1	23.97	17.91	38.45	PASS
N5	15	20	DFT-QPSK	L	1@104	23.84	17.78	38.45	PASS
N5	15	20	DFT-QPSK	L	100@0	23.43	17.37	38.45	PASS
N5	15	20	DFT-16QAM	L	1@1	23.69	17.63	38.45	PASS
N5	15	20	DFT-16QAM	L	1@104	23.63	17.57	38.45	PASS
N5	15	20	DFT-16QAM	L	100@0	22.65	16.59	38.45	PASS
N5	15	20	DFT-64QAM	L	1@1	22.03	15.97	38.45	PASS
N5	15	20	DFT-64QAM	L	1@104	21.98	15.92	38.45	PASS
N5	15	20	DFT-64QAM	L	100@0	21.91	15.85	38.45	PASS
N5	15	20	DFT-256QAM	L	1@1	19.84	13.78	38.45	PASS
N5	15	20	DFT-256QAM	L	1@104	19.78	13.72	38.45	PASS
N5	15	20	DFT-256QAM	L	100@0	19.94	13.88	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	1@1	24.05	17.99	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	1@104	23.90	17.84	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	23.64	17.58	38.45	PASS
N5	15	20	DFT-QPSK	M	1@1	23.92	17.86	38.45	PASS
N5	15	20	DFT-QPSK	M	1@104	23.85	17.79	38.45	PASS
N5	15	20	DFT-QPSK	M	100@0	23.51	17.45	38.45	PASS
N5	15	20	DFT-16QAM	M	1@1	23.74	17.68	38.45	PASS
N5	15	20	DFT-16QAM	M	1@104	23.67	17.61	38.45	PASS
N5	15	20	DFT-16QAM	M	100@0	22.63	16.57	38.45	PASS
N5	15	20	DFT-64QAM	M	1@1	22.14	16.08	38.45	PASS
N5	15	20	DFT-64QAM	M	1@104	22.03	15.97	38.45	PASS
N5	15	20	DFT-64QAM	M	100@0	21.93	15.87	38.45	PASS
N5	15	20	DFT-256QAM	M	1@1	19.80	13.74	38.45	PASS
N5	15	20	DFT-256QAM	M	1@104	19.74	13.68	38.45	PASS
N5	15	20	DFT-256QAM	M	100@0	20.03	13.97	38.45	PASS

N5	15	20	DFT-PI2BPSK	H	1@1	23.92	17.86	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	1@104	23.77	17.71	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	100@0	23.53	17.47	38.45	PASS
N5	15	20	DFT-QPSK	H	1@1	23.87	17.81	38.45	PASS
N5	15	20	DFT-QPSK	H	1@104	23.71	17.65	38.45	PASS
N5	15	20	DFT-QPSK	H	100@0	23.42	17.36	38.45	PASS
N5	15	20	DFT-16QAM	H	1@1	23.71	17.65	38.45	PASS
N5	15	20	DFT-16QAM	H	1@104	23.65	17.59	38.45	PASS
N5	15	20	DFT-16QAM	H	100@0	22.57	16.51	38.45	PASS
N5	15	20	DFT-64QAM	H	1@1	22.07	16.01	38.45	PASS
N5	15	20	DFT-64QAM	H	1@104	21.87	15.81	38.45	PASS
N5	15	20	DFT-64QAM	H	100@0	21.86	15.8	38.45	PASS
N5	15	20	DFT-256QAM	H	1@1	19.73	13.67	38.45	PASS
N5	15	20	DFT-256QAM	H	1@104	19.64	13.58	38.45	PASS
N5	15	20	DFT-256QAM	H	100@0	20.02	13.96	38.45	PASS

Peak-to-Average Ratio(CCDFF)

Test Graphs

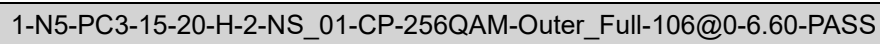


1-N5-PC3-15-20-L-1-NS_01-DFT-256QAM-Outer_Full-100@0-5.62-PASS



1-N5-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-6.55-PASS





26dB Bandwidth and Occupied Bandwidth for SA

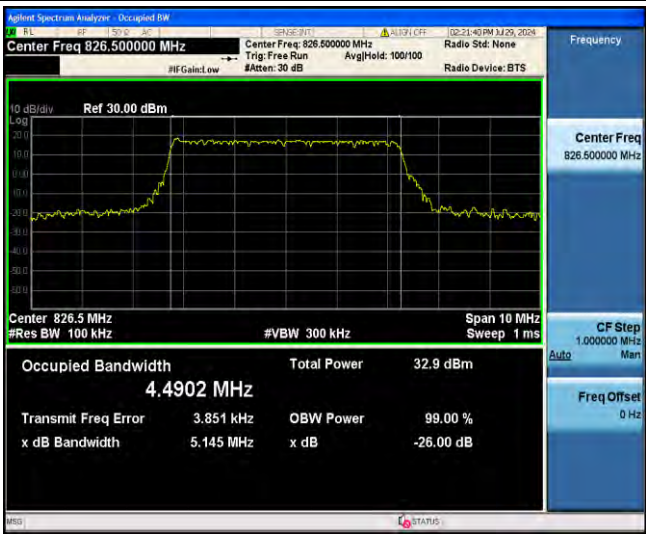
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	25@0	4.4902	5.145	PASS
N5	15	5	DFT-PI2BPSK	L	25@0	4.5070	5.194	PASS
N5	15	5	DFT-16QAM	L	25@0	4.5343	5.349	PASS
N5	15	5	DFT-64QAM	L	25@0	4.4819	5.032	PASS
N5	15	5	DFT-256QAM	L	25@0	4.5019	5.184	PASS
N5	15	5	CP-QPSK	L	25@0	4.4999	5.272	PASS
N5	15	5	CP-16QAM	L	25@0	4.5153	5.216	PASS
N5	15	5	CP-64QAM	L	25@0	4.5018	5.106	PASS
N5	15	5	CP-256QAM	L	25@0	4.5134	5.098	PASS
N5	15	5	DFT-QPSK	M	25@0	4.4899	5.178	PASS
N5	15	5	DFT-PI2BPSK	M	25@0	4.4991	5.093	PASS
N5	15	5	DFT-16QAM	M	25@0	4.5086	5.290	PASS
N5	15	5	DFT-64QAM	M	25@0	4.4881	5.103	PASS
N5	15	5	DFT-256QAM	M	25@0	4.5002	5.205	PASS
N5	15	5	CP-QPSK	M	25@0	4.5043	5.083	PASS
N5	15	5	CP-16QAM	M	25@0	4.5361	5.246	PASS
N5	15	5	CP-64QAM	M	25@0	4.4903	5.033	PASS
N5	15	5	CP-256QAM	M	25@0	4.5174	5.265	PASS
N5	15	5	DFT-QPSK	H	25@0	4.4831	5.061	PASS
N5	15	5	DFT-PI2BPSK	H	25@0	4.5004	5.067	PASS
N5	15	5	DFT-16QAM	H	25@0	4.5303	5.270	PASS
N5	15	5	DFT-64QAM	H	25@0	4.4926	4.996	PASS
N5	15	5	DFT-256QAM	H	25@0	4.5193	5.057	PASS
N5	15	5	CP-QPSK	H	25@0	4.4949	5.104	PASS
N5	15	5	CP-16QAM	H	25@0	4.5325	5.240	PASS
N5	15	5	CP-64QAM	H	25@0	4.4956	5.213	PASS
N5	15	5	CP-256QAM	H	25@0	4.5259	5.121	PASS
N5	15	10	DFT-QPSK	L	50@0	8.9181	9.663	PASS
N5	15	10	DFT-PI2BPSK	L	50@0	8.9017	9.523	PASS
N5	15	10	DFT-16QAM	L	50@0	8.9050	9.524	PASS
N5	15	10	DFT-64QAM	L	50@0	8.9278	9.671	PASS
N5	15	10	DFT-256QAM	L	50@0	8.9106	9.660	PASS
N5	15	10	CP-QPSK	L	52@0	9.2916	10.06	PASS
N5	15	10	CP-16QAM	L	52@0	9.3089	10.03	PASS
N5	15	10	CP-64QAM	L	52@0	9.2748	9.959	PASS

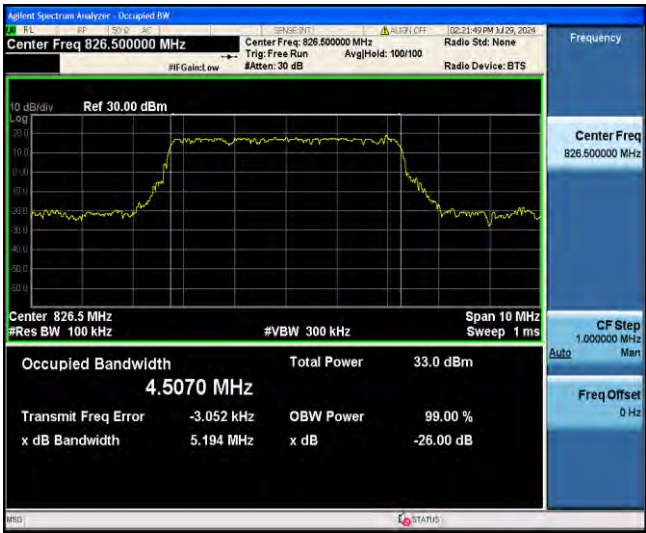
N5	15	10	CP-256QAM	L	52@0	9.2899	10.07	PASS
N5	15	10	DFT-QPSK	M	50@0	8.9223	9.646	PASS
N5	15	10	DFT-PI2BPSK	M	50@0	8.9138	9.545	PASS
N5	15	10	DFT-16QAM	M	50@0	8.9192	9.484	PASS
N5	15	10	DFT-64QAM	M	50@0	8.9451	9.669	PASS
N5	15	10	DFT-256QAM	M	50@0	8.9003	9.598	PASS
N5	15	10	CP-QPSK	M	52@0	9.2868	10.04	PASS
N5	15	10	CP-16QAM	M	52@0	9.2917	10.00	PASS
N5	15	10	CP-64QAM	M	52@0	9.2871	9.898	PASS
N5	15	10	CP-256QAM	M	52@0	9.3074	10.10	PASS
N5	15	10	DFT-QPSK	H	50@0	8.9353	9.727	PASS
N5	15	10	DFT-PI2BPSK	H	50@0	8.8939	9.552	PASS
N5	15	10	DFT-16QAM	H	50@0	8.8997	9.662	PASS
N5	15	10	DFT-64QAM	H	50@0	8.9083	9.607	PASS
N5	15	10	DFT-256QAM	H	50@0	8.8916	9.645	PASS
N5	15	10	CP-QPSK	H	52@0	9.2854	10.12	PASS
N5	15	10	CP-16QAM	H	52@0	9.2959	9.958	PASS
N5	15	10	CP-64QAM	H	52@0	9.2705	9.866	PASS
N5	15	10	CP-256QAM	H	52@0	9.2860	9.995	PASS
N5	15	15	DFT-QPSK	L	75@0	13.479	14.52	PASS
N5	15	15	DFT-PI2BPSK	L	75@0	13.466	14.36	PASS
N5	15	15	DFT-16QAM	L	75@0	13.493	14.63	PASS
N5	15	15	DFT-64QAM	L	75@0	13.470	14.50	PASS
N5	15	15	DFT-256QAM	L	75@0	13.482	14.37	PASS
N5	15	15	CP-QPSK	L	79@0	14.153	15.29	PASS
N5	15	15	CP-16QAM	L	79@0	14.150	15.23	PASS
N5	15	15	CP-64QAM	L	79@0	14.170	15.18	PASS
N5	15	15	CP-256QAM	L	79@0	14.185	15.26	PASS
N5	15	15	DFT-QPSK	M	75@0	13.535	14.53	PASS
N5	15	15	DFT-PI2BPSK	M	75@0	13.481	14.45	PASS
N5	15	15	DFT-16QAM	M	75@0	13.494	14.52	PASS
N5	15	15	DFT-64QAM	M	75@0	13.466	14.51	PASS
N5	15	15	DFT-256QAM	M	75@0	13.540	14.44	PASS
N5	15	15	CP-QPSK	M	79@0	14.179	15.31	PASS
N5	15	15	CP-16QAM	M	79@0	14.177	15.25	PASS
N5	15	15	CP-64QAM	M	79@0	14.168	15.05	PASS
N5	15	15	CP-256QAM	M	79@0	14.172	15.17	PASS
N5	15	15	DFT-QPSK	H	75@0	13.511	14.49	PASS
N5	15	15	DFT-PI2BPSK	H	75@0	13.485	14.41	PASS
N5	15	15	DFT-16QAM	H	75@0	13.491	14.53	PASS
N5	15	15	DFT-64QAM	H	75@0	13.503	14.56	PASS
N5	15	15	DFT-256QAM	H	75@0	13.464	14.38	PASS
N5	15	15	CP-QPSK	H	79@0	14.175	15.12	PASS

N5	15	15	CP-16QAM	H	79@0	14.161	15.21	PASS
N5	15	15	CP-64QAM	H	79@0	14.121	15.10	PASS
N5	15	15	CP-256QAM	H	79@0	14.190	15.21	PASS
N5	15	20	DFT-QPSK	L	100@0	17.895	18.86	PASS
N5	15	20	DFT-PI2BPSK	L	100@0	17.890	18.84	PASS
N5	15	20	DFT-16QAM	L	100@0	17.900	19.00	PASS
N5	15	20	DFT-64QAM	L	100@0	17.953	18.81	PASS
N5	15	20	DFT-256QAM	L	100@0	17.880	19.01	PASS
N5	15	20	CP-QPSK	L	106@0	18.954	20.11	PASS
N5	15	20	CP-16QAM	L	106@0	18.993	20.14	PASS
N5	15	20	CP-64QAM	L	106@0	18.948	20.03	PASS
N5	15	20	CP-256QAM	L	106@0	18.943	19.98	PASS
N5	15	20	DFT-QPSK	M	100@0	17.912	18.90	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	17.909	18.75	PASS
N5	15	20	DFT-16QAM	M	100@0	17.933	19.05	PASS
N5	15	20	DFT-64QAM	M	100@0	17.938	18.79	PASS
N5	15	20	DFT-256QAM	M	100@0	17.910	19.02	PASS
N5	15	20	CP-QPSK	M	106@0	18.941	20.04	PASS
N5	15	20	CP-16QAM	M	106@0	18.976	20.03	PASS
N5	15	20	CP-64QAM	M	106@0	18.991	20.05	PASS
N5	15	20	CP-256QAM	M	106@0	18.948	19.88	PASS
N5	15	20	DFT-QPSK	H	100@0	17.926	18.97	PASS
N5	15	20	DFT-PI2BPSK	H	100@0	17.873	18.94	PASS
N5	15	20	DFT-16QAM	H	100@0	17.949	19.06	PASS
N5	15	20	DFT-64QAM	H	100@0	17.958	18.95	PASS
N5	15	20	DFT-256QAM	H	100@0	17.898	18.98	PASS
N5	15	20	CP-QPSK	H	106@0	18.892	20.07	PASS
N5	15	20	CP-16QAM	H	106@0	19.043	20.00	PASS
N5	15	20	CP-64QAM	H	106@0	18.972	19.92	PASS
N5	15	20	CP-256QAM	H	106@0	18.991	20.05	PASS

Test Graphs



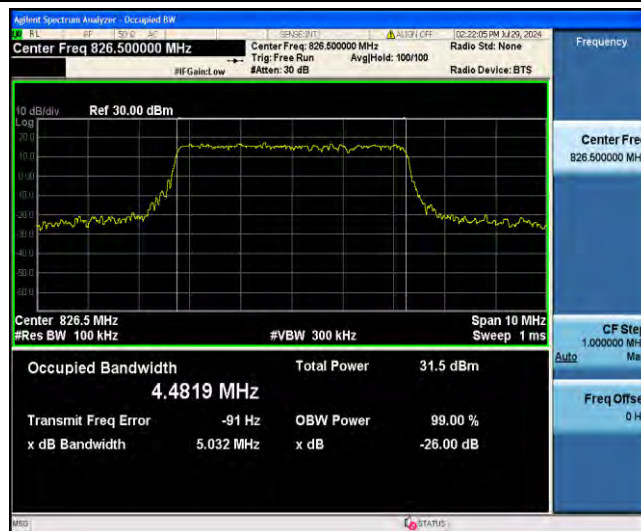
1-N5-PC3-15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.4902-5.145-≤5-PASS



1-N5-PC3-15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.5070-5.194-≤5-PASS



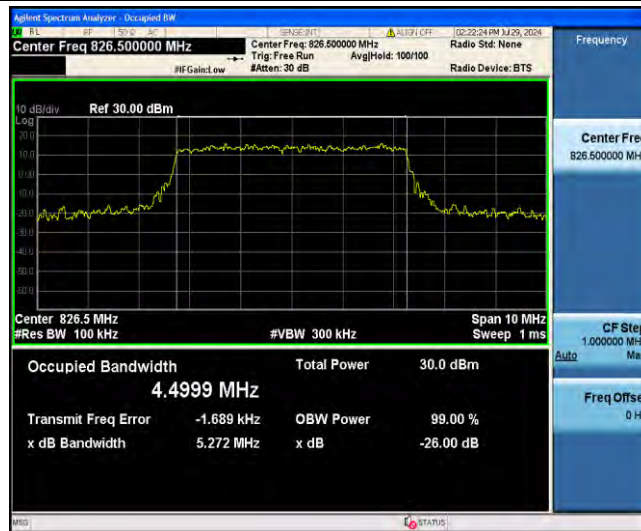
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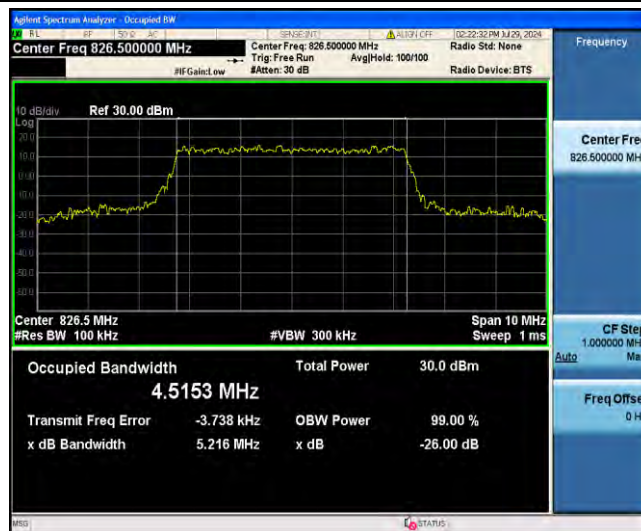
1-N5-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.4819-5.032-≤5-PASS



1-N5-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5019-5.184-≤5-PASS



1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4999-5.272-≤5-PASS



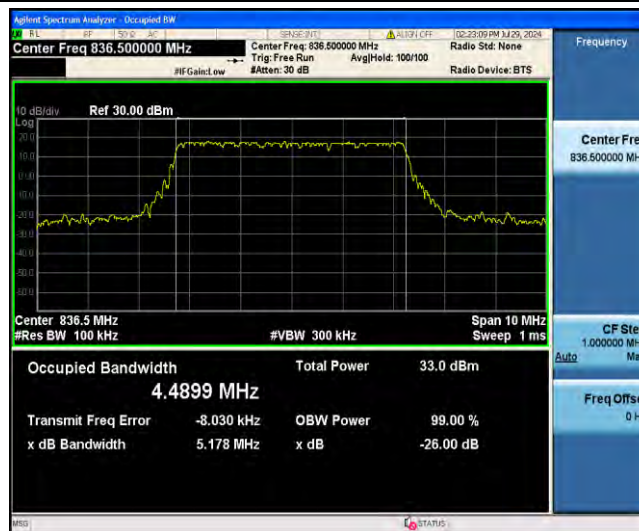
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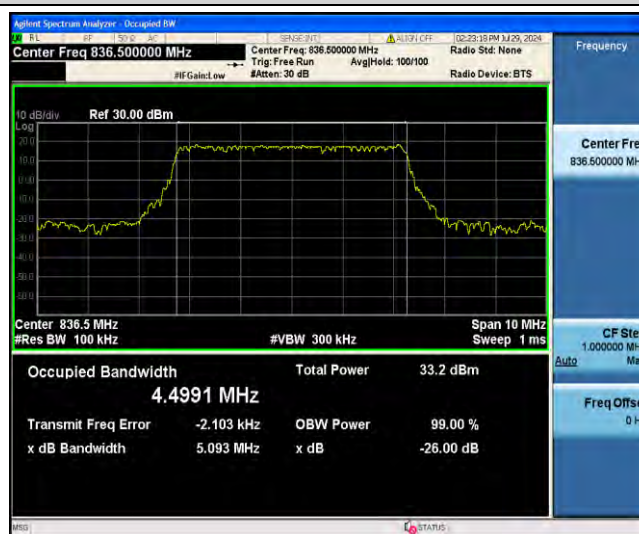
1-N5-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.5018-5.106-≤5-PASS



1-N5-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.5134-5.098-≤5-PASS



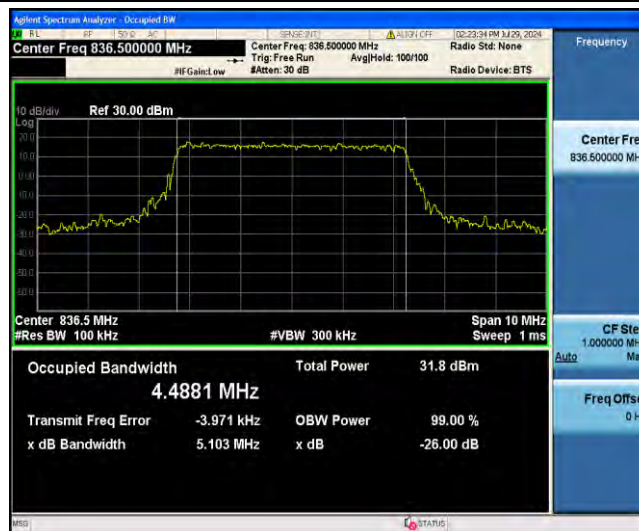
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1-N5-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.4991-5.093-≤5-PASS



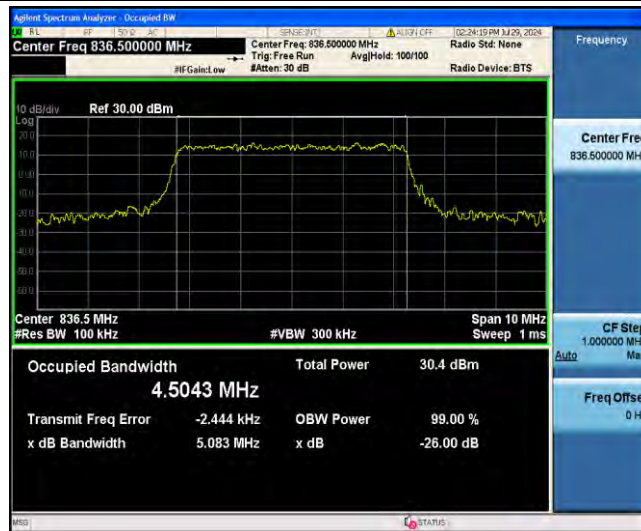
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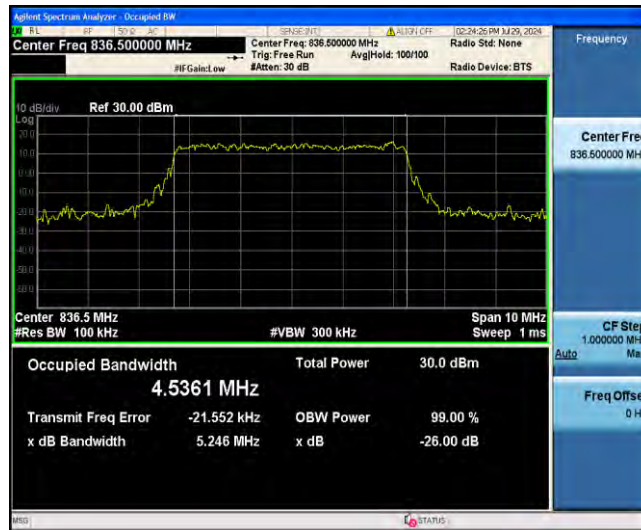
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1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5002-5.205-≤5-PASS



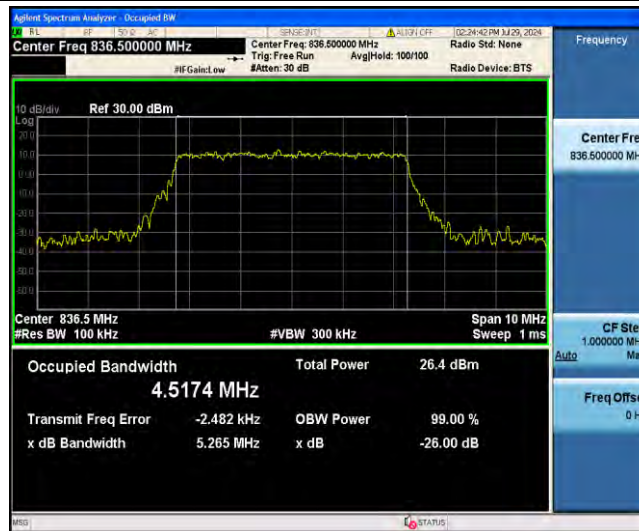
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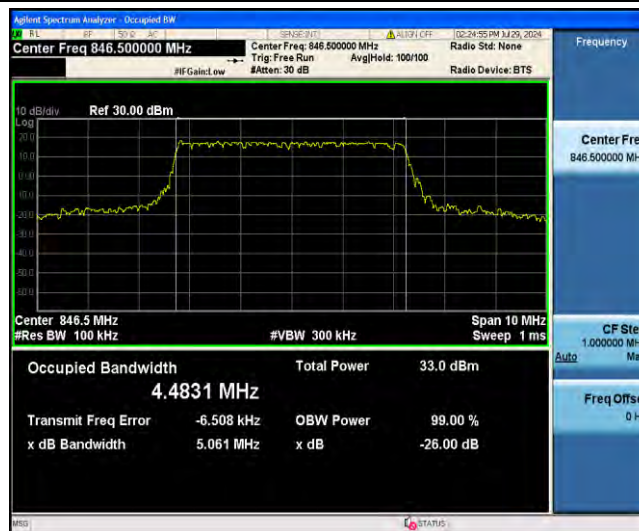
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1-N5-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.4903-5.033-≤5-PASS



1-N5-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.5174-5.265-≤5-PASS



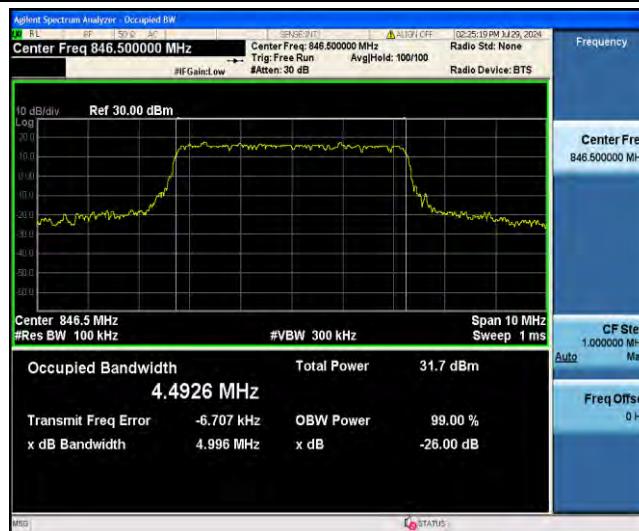
1-N5-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.4831-5.061-≤5-PASS



1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.5004-5.067-≤5-PASS



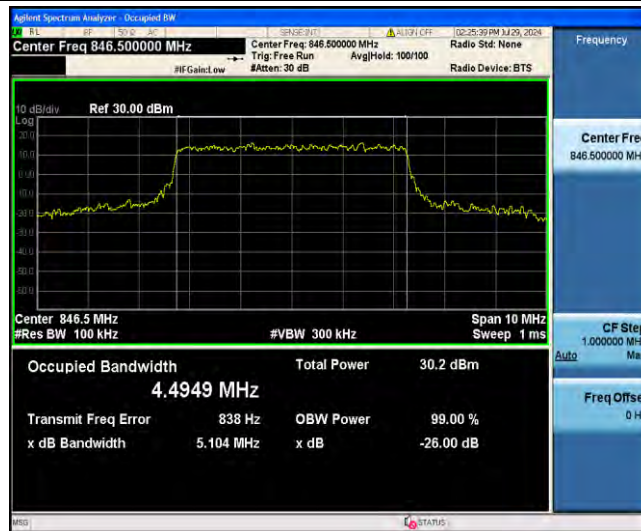
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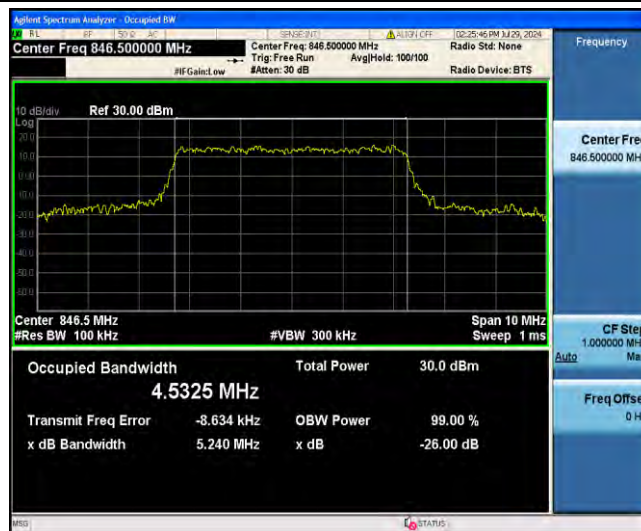
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1-N5-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5193-5.057-≤5-PASS



1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4949-5.104-≤5-PASS



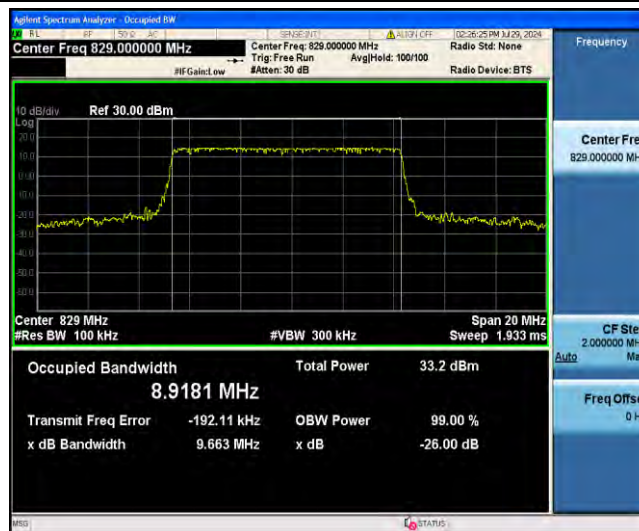
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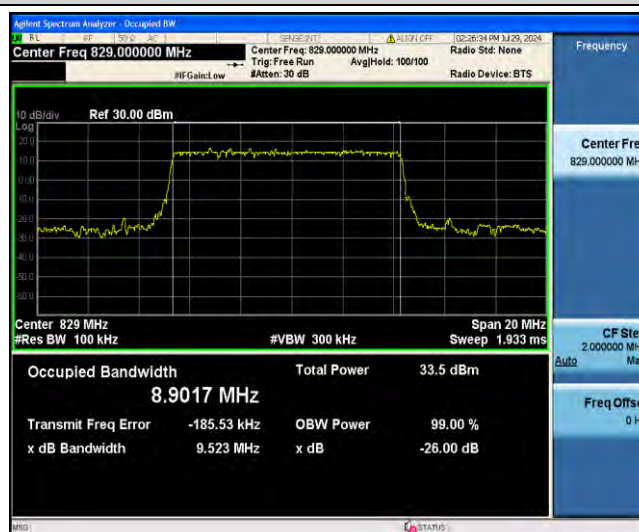
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1-N5-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.5259-5.121-≤5-PASS



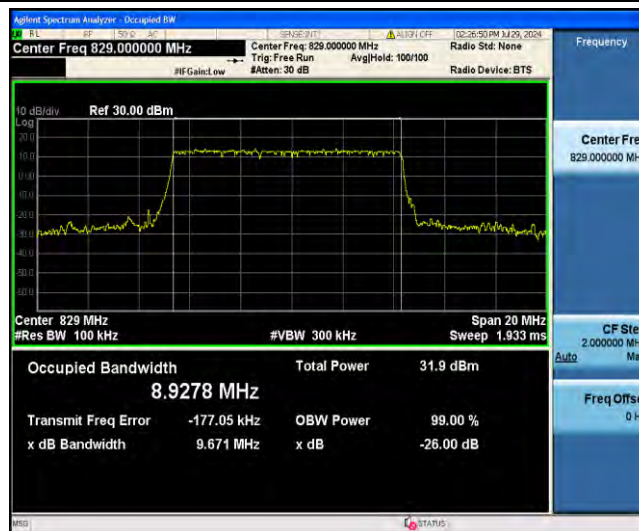
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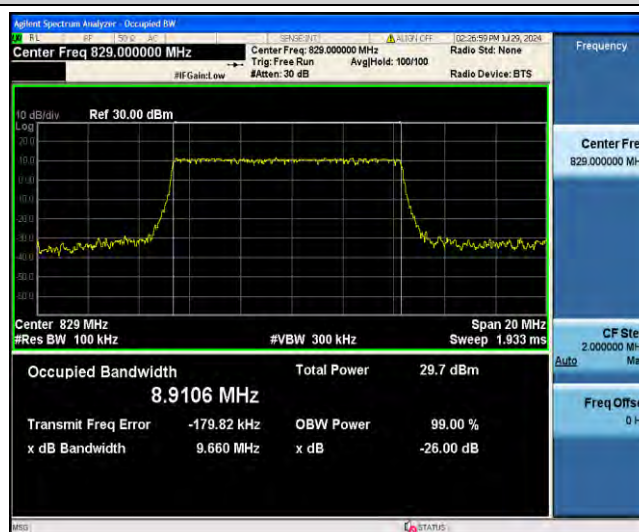
1-N5-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.9017-9.523-≤10-PASS



1-N5-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.9050-9.524-≤10-PASS



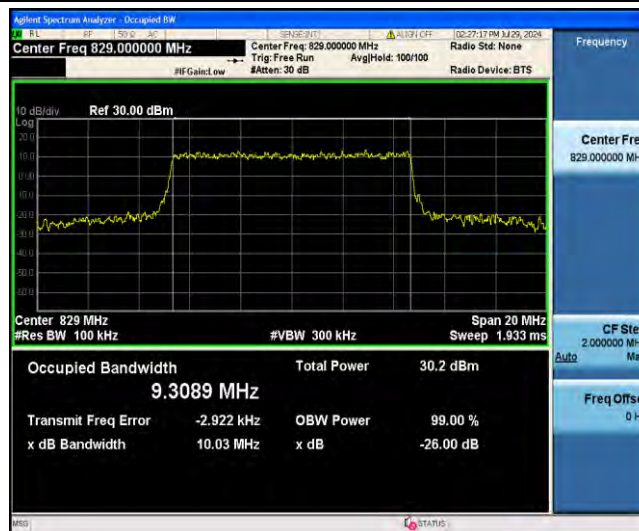
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1-N5-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.9106-9.660-≤10-PASS



1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.2916-10.06-≤10-PASS



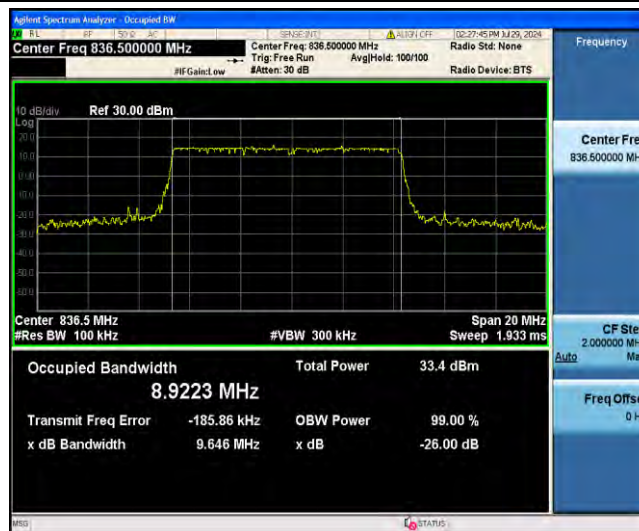
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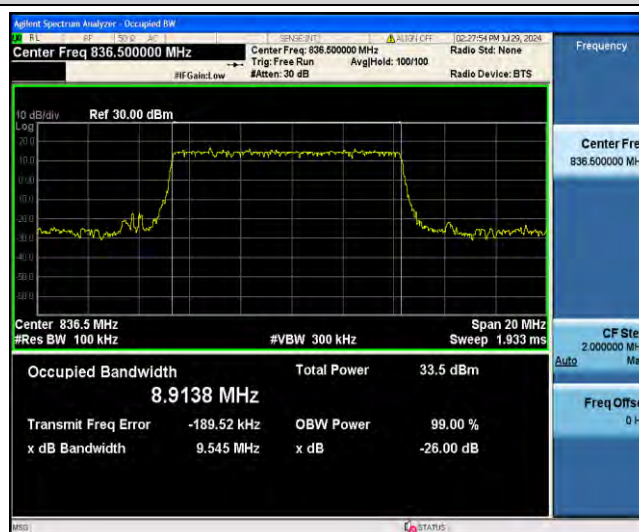
1-N5-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.2748-9.959-≤10-PASS



1-N5-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.2899-10.07-≤10-PASS



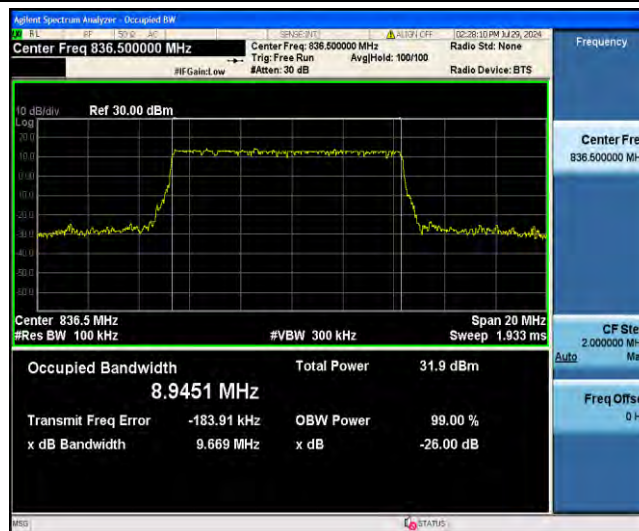
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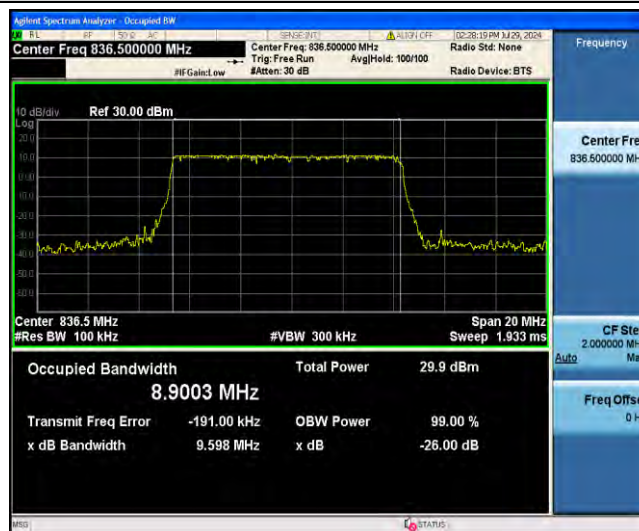
1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.9138-9.545-≤10-PASS



1-N5-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.9192-9.484-≤10-PASS



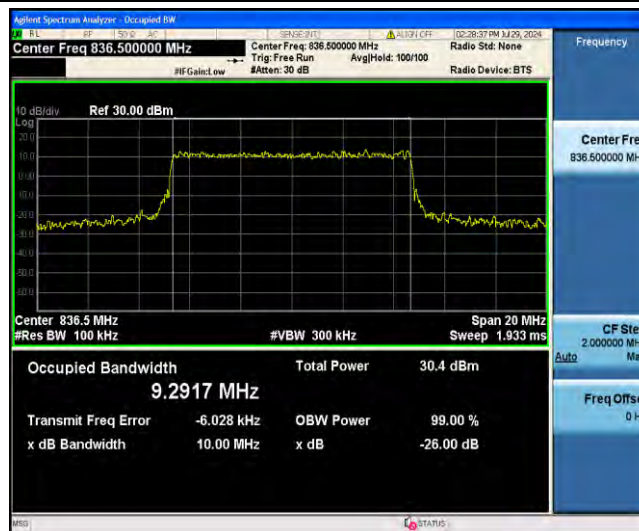
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1-N5-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.9003-9.598-≤10-PASS



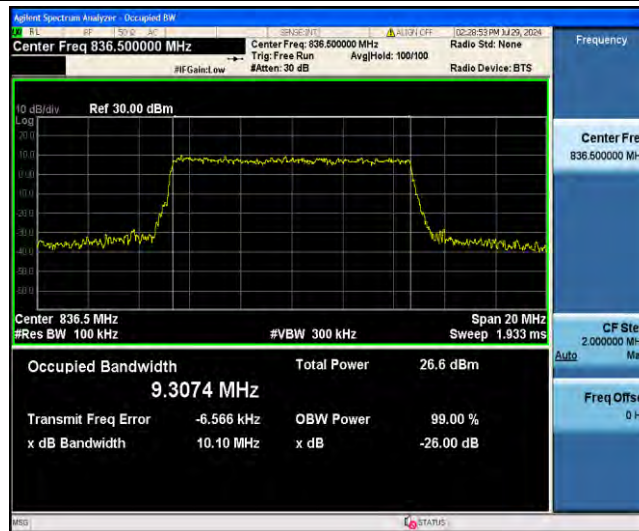
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1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.2917-10.00-≤10-PASS



1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.2871-9.898-≤10-PASS



1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.3074-10.10-≤10-PASS



1-N5-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.9353-9.727-≤10-PASS



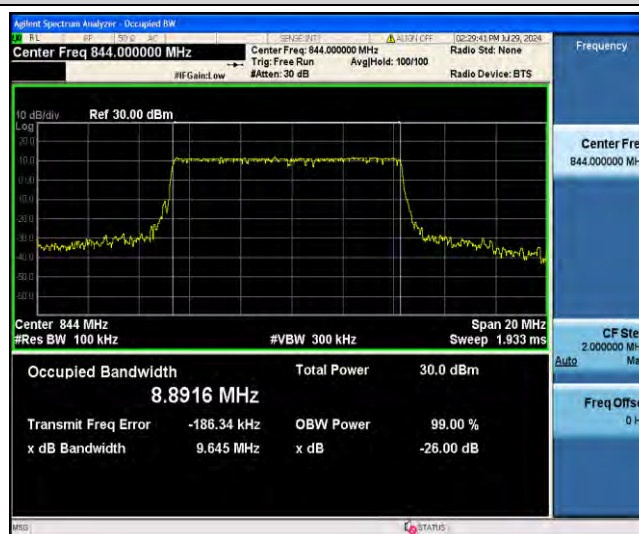
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1-N5-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.8997-9.662-≤10-PASS



1-N5-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.9083-9.607-≤10-PASS



1-N5-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.8916-9.645-≤10-PASS



1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.2854-10.12-≤10-PASS



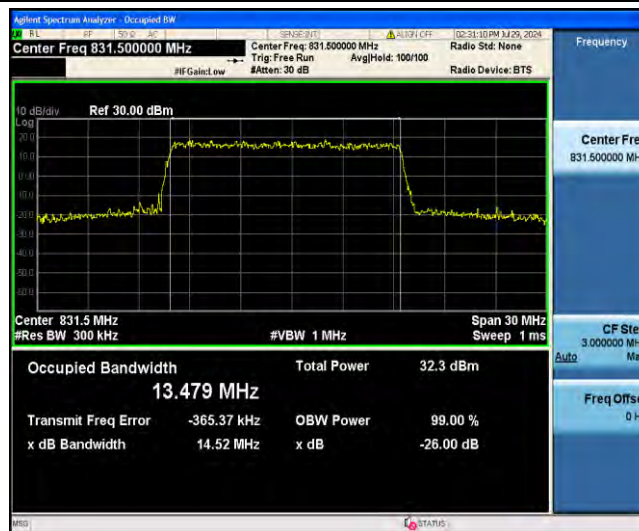
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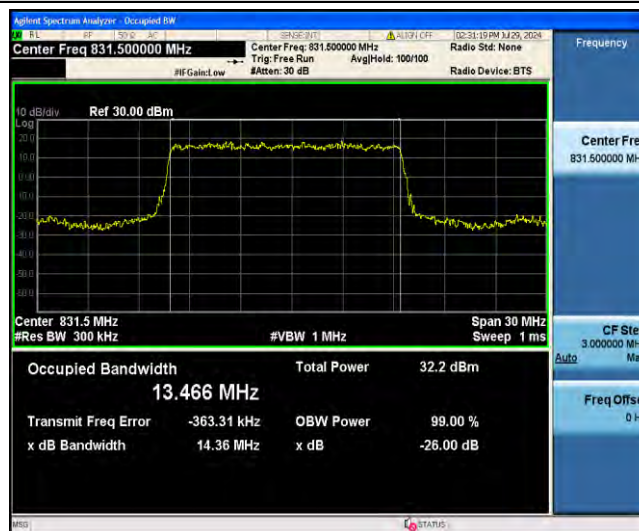
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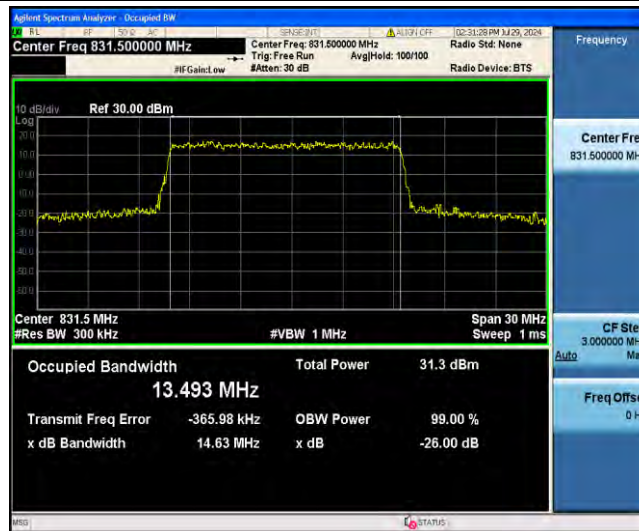
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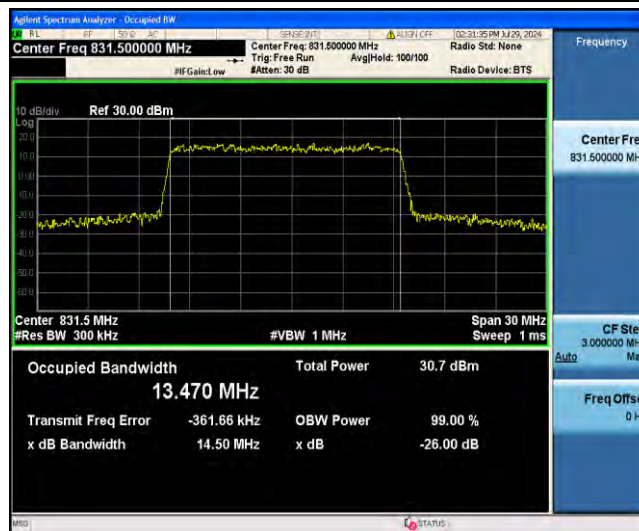
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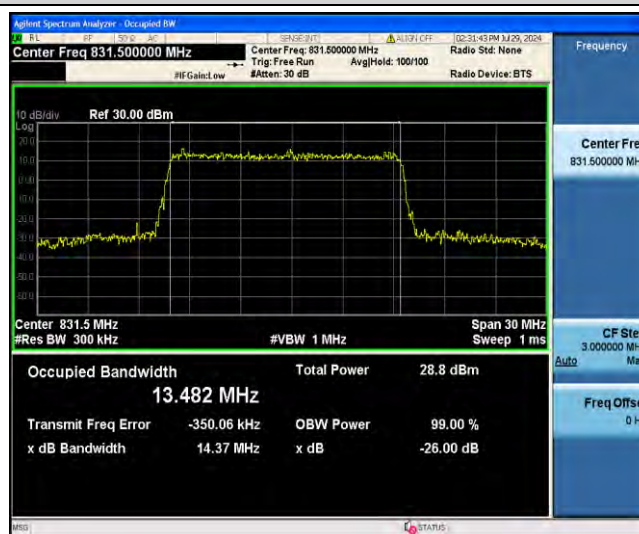
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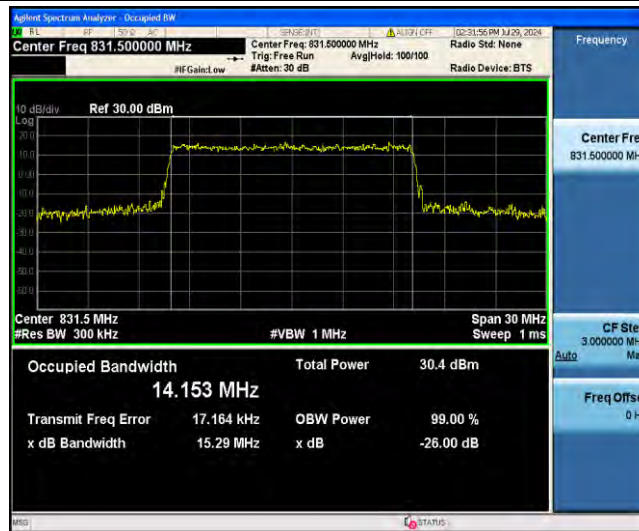
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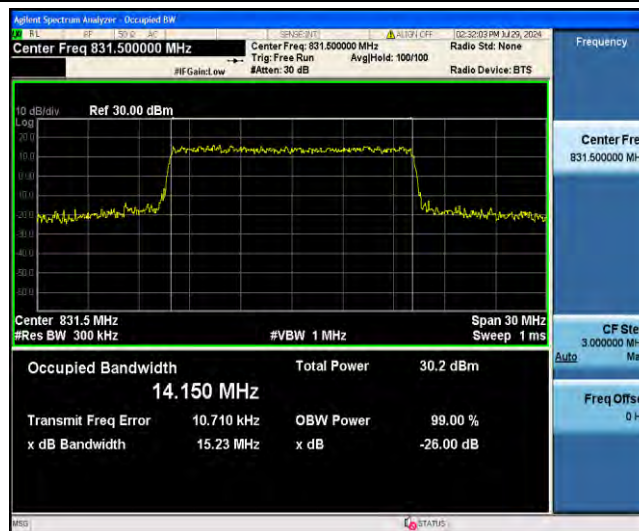
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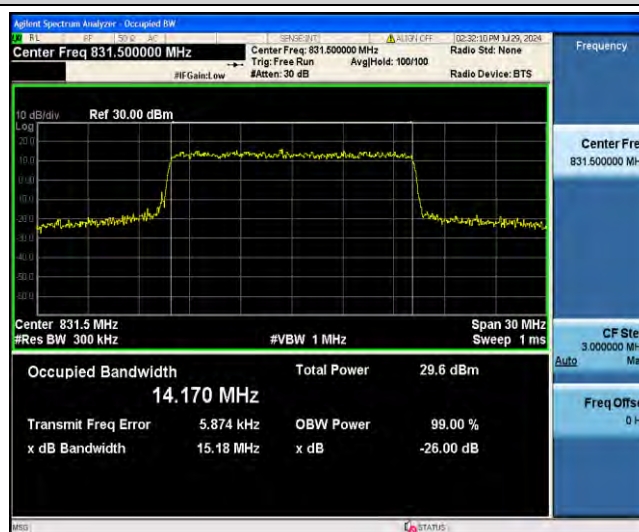
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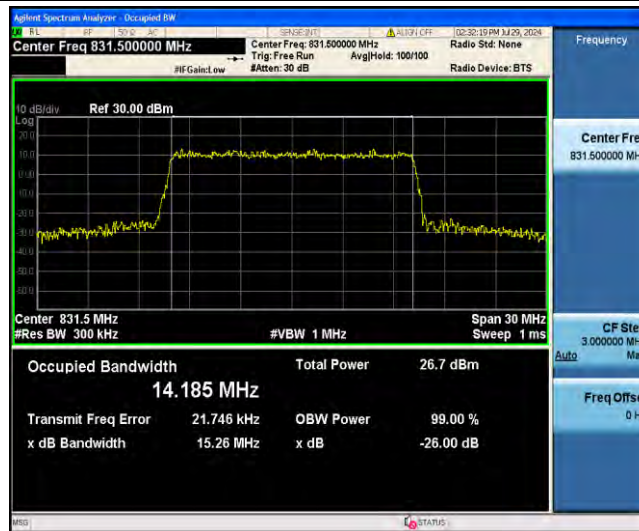
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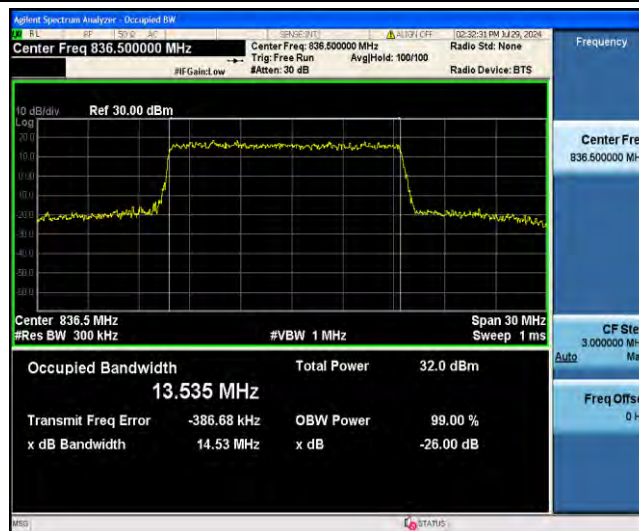
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1-N5-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.170-15.18-≤15-PASS



1-N5-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.185-15.26≤15-PASS



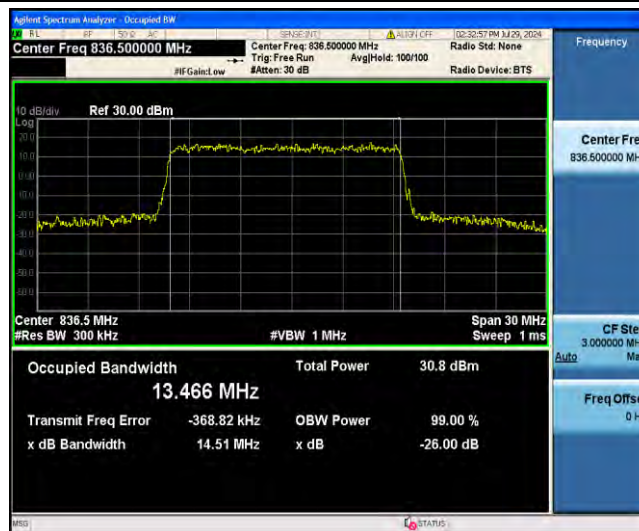
1-N5-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.535-14.53≤15-PASS



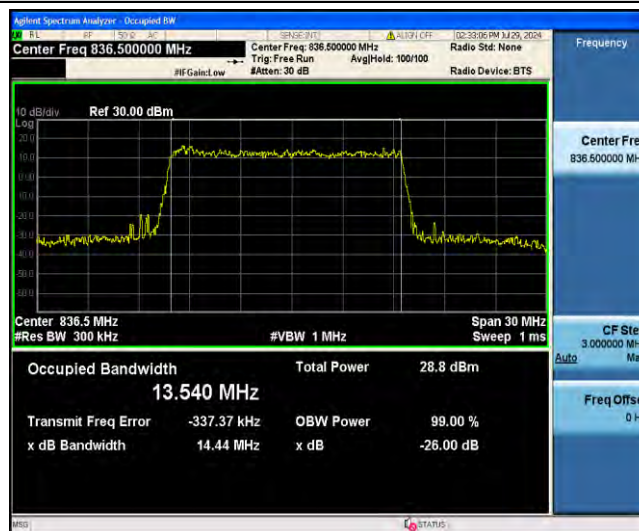
1-N5-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.481-14.45≤15-PASS



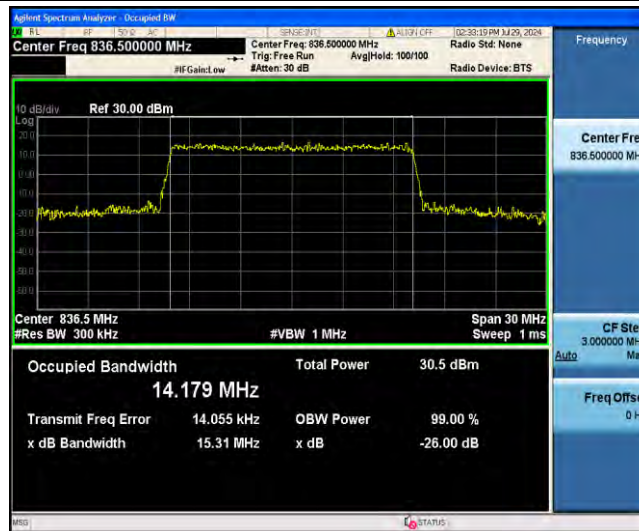
1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.494-14.52-≤15-PASS



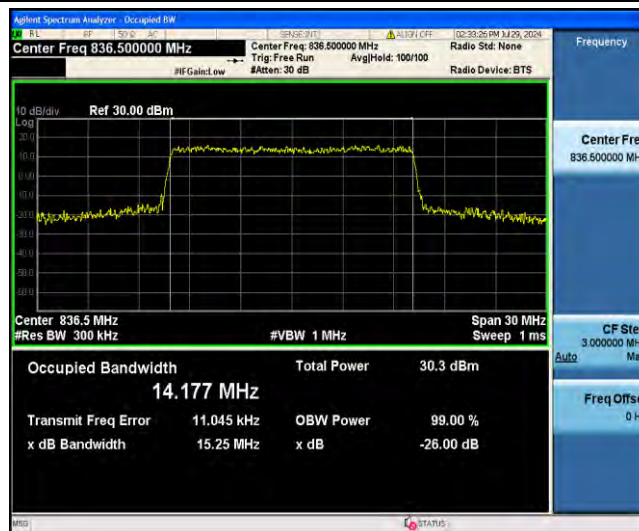
1-N5-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.466-14.51-≤15-PASS



1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.540-14.44-≤15-PASS



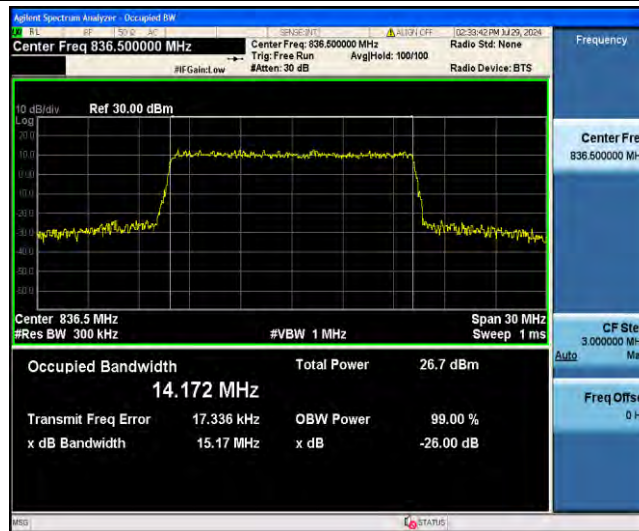
1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.179-15.31-≤15-PASS



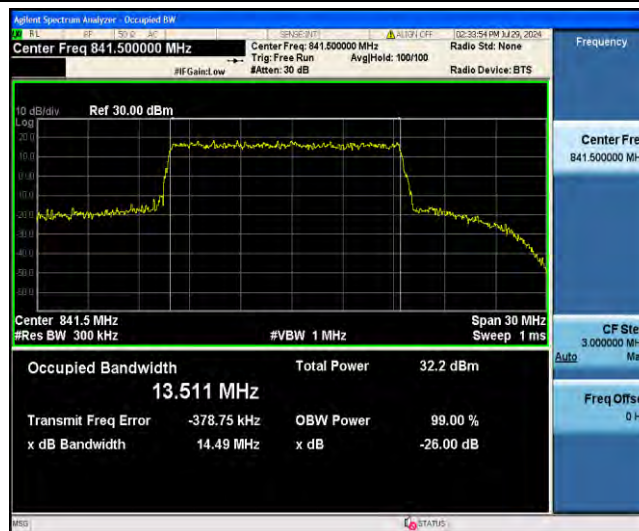
1-N5-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.177-15.25-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.168-15.05-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.172-15.17-≤15-PASS



1-N5-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.511-14.49-≤15-PASS



1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.485-14.41-≤15-PASS



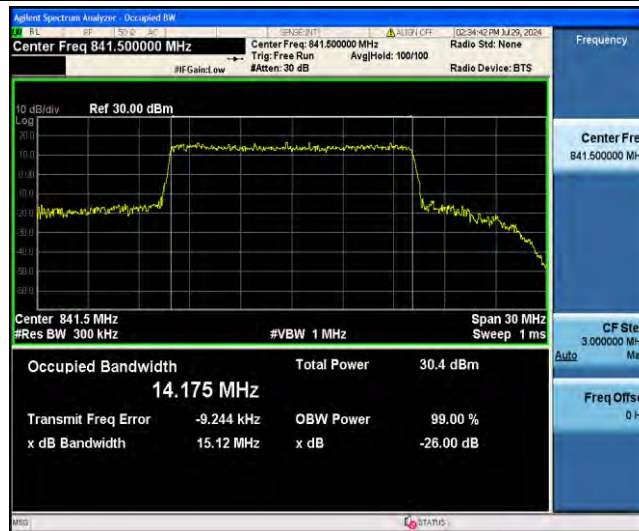
1-N5-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.491-14.53-≤15-PASS



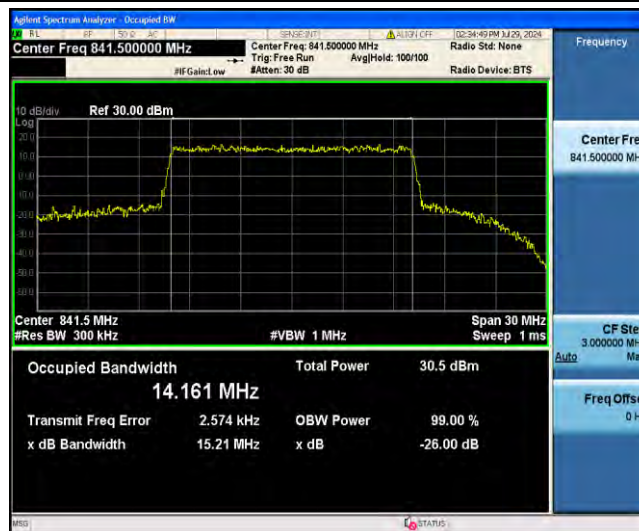
1-N5-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.503-14.56-≤15-PASS



1-N5-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.464-14.38-≤15-PASS



1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-14.175-15.12≤15-PASS



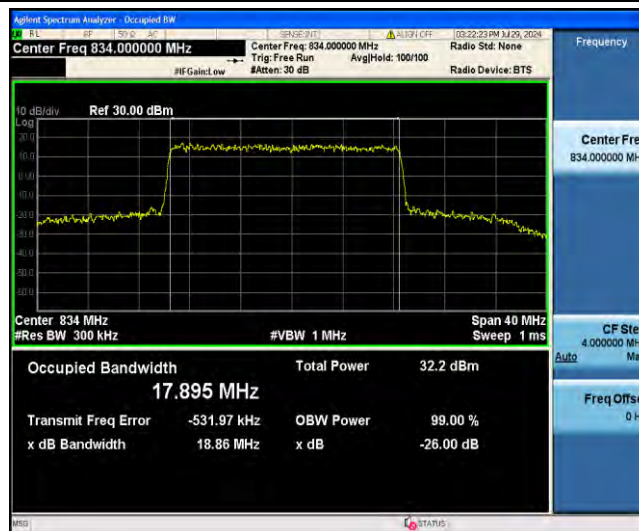
1-N5-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant1-14.161-15.21≤15-PASS



1-N5-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.121-15.10≤15-PASS



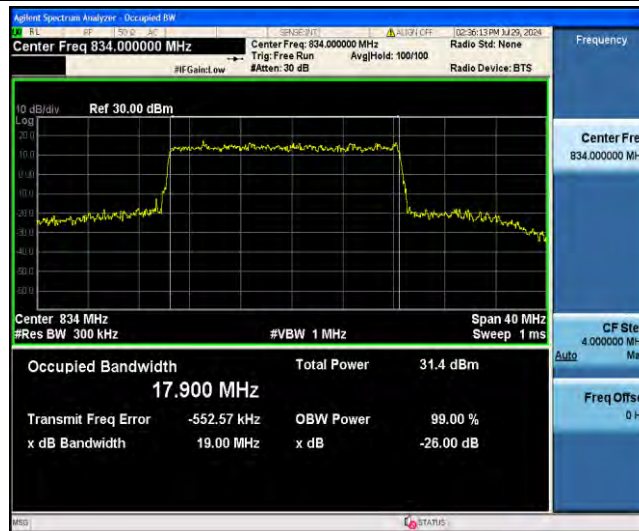
1-N5-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant1-14.190-15.21-≤15-PASS



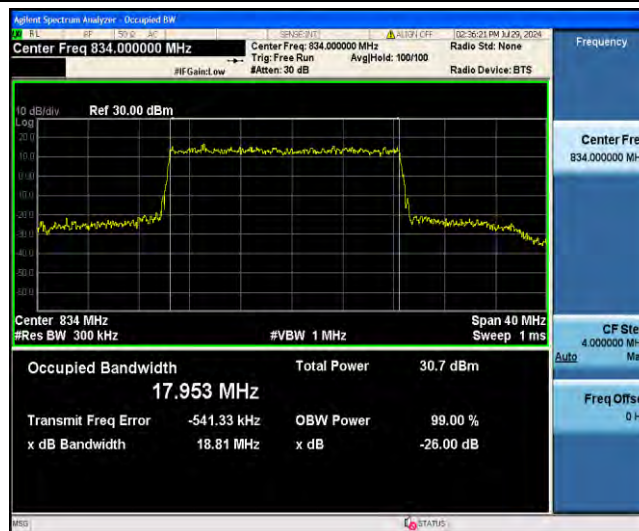
1-N5-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.895-18.86-≤20-PASS



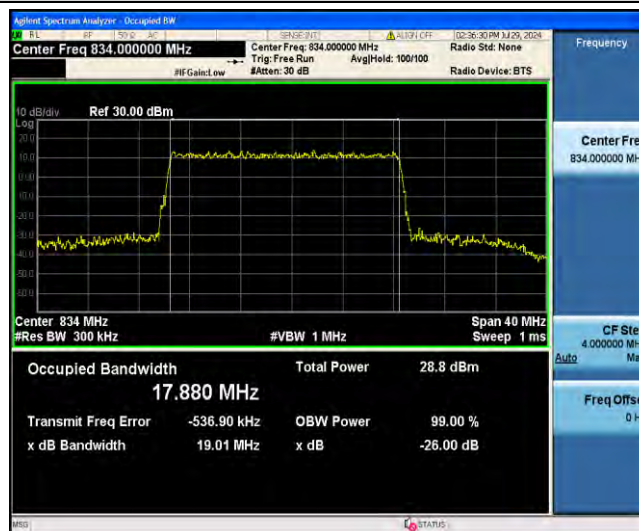
1-N5-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.890-18.84-≤20-PASS



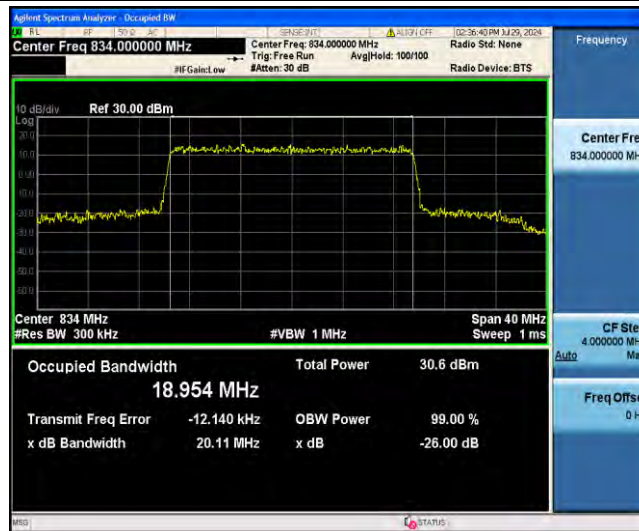
1-N5-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.900-19.00-≤20-PASS



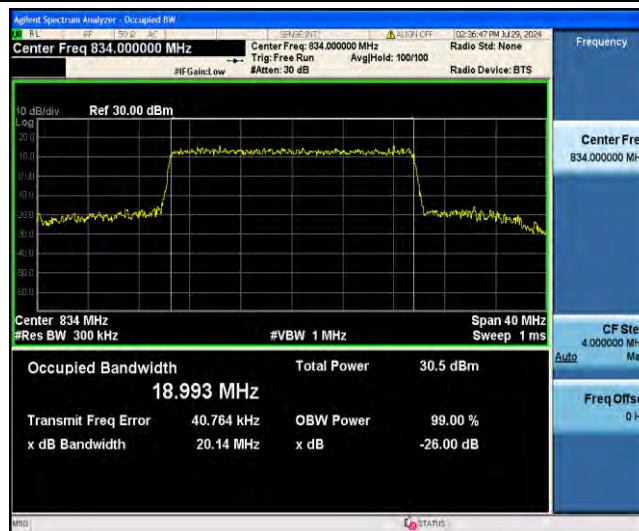
1-N5-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.953-18.81-≤20-PASS



1-N5-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.880-19.01-≤20-PASS



1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.954-20.11-≤20-PASS



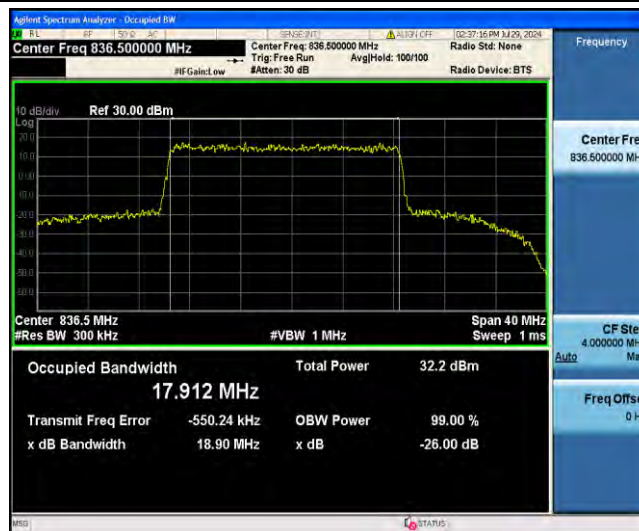
1-N5-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.993-20.14-≤20-PASS



1-N5-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant1-18.948-20.03-≤20-PASS



1-N5-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.943-19.98-≤20-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.912-18.90-≤20-PASS



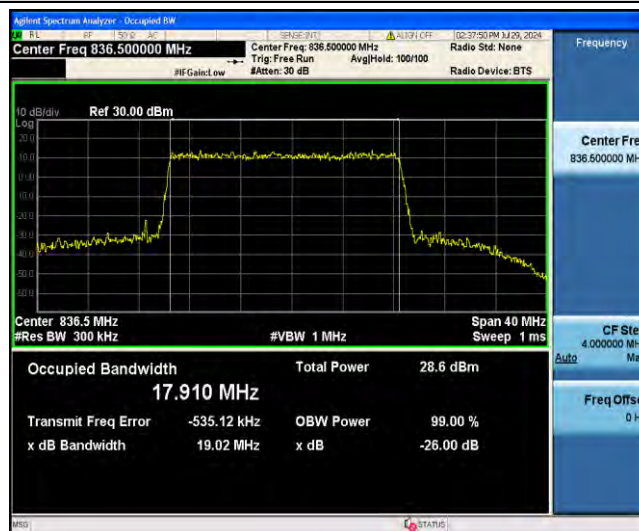
1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.909-18.75-≤20-PASS



1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.933-19.05-≤20-PASS



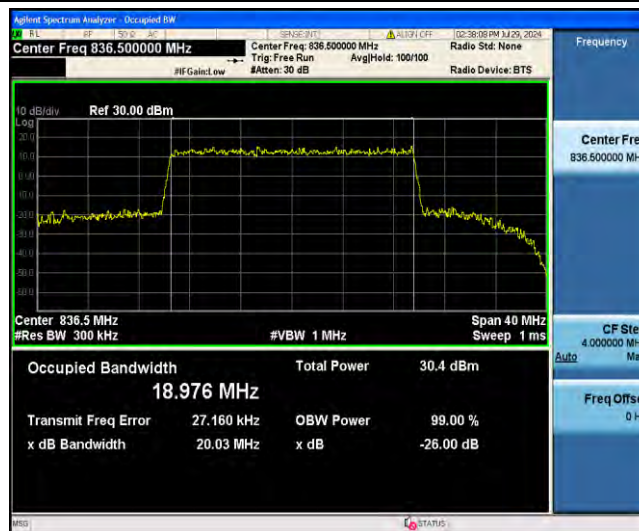
1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.938-18.79-≤20-PASS



1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.910-19.02-≤20-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-18.941-20.04-≤20-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-18.976-20.03-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.991-20.05-≤20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-18.948-19.88-≤20-PASS



1-N5-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.926-18.97-≤20-PASS



1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.873-18.94-≤20-PASS



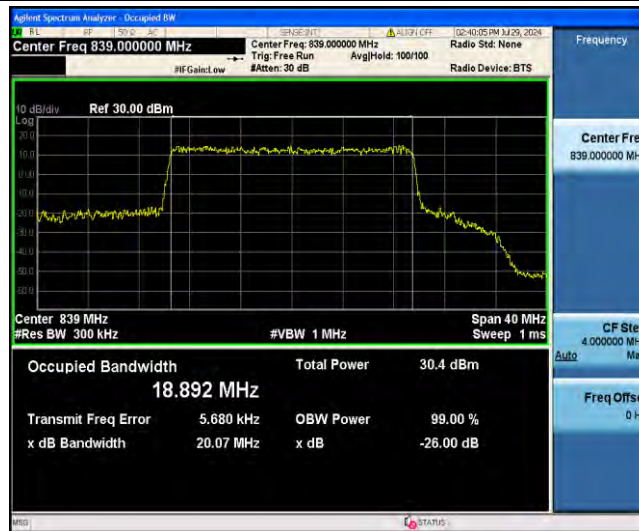
1-N5-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.949-19.06-≤20-PASS



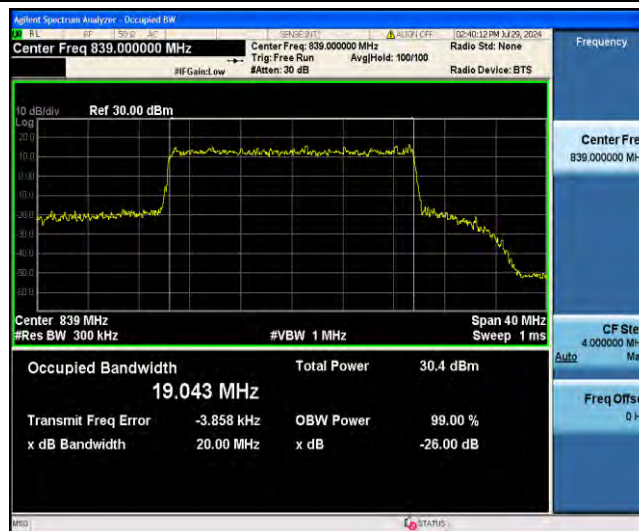
1-N5-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.958-18.95-≤20-PASS



1-N5-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.898-18.98-≤20-PASS



1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.892-20.07-≤20-PASS



1-N5-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-19.043-20.00-≤20-PASS



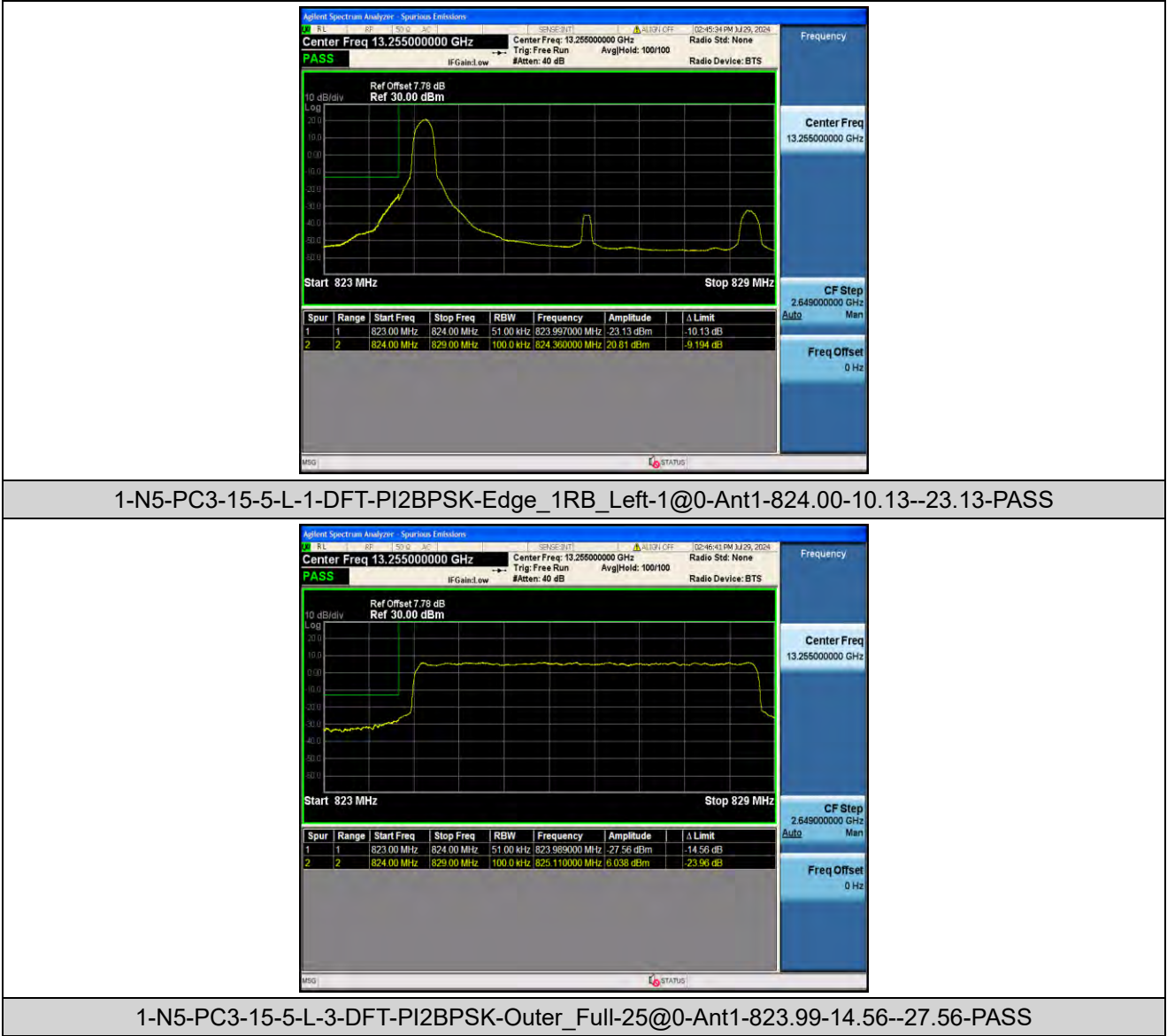
1-N5-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.972-19.92-≤20-PASS

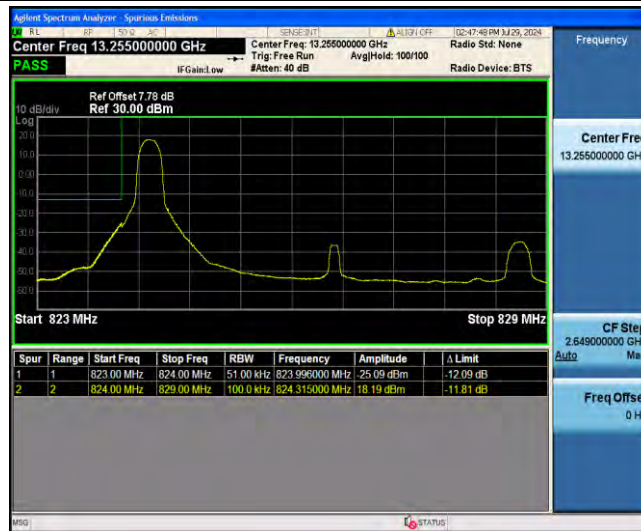


1-N5-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.991-20.05-≤20-PASS

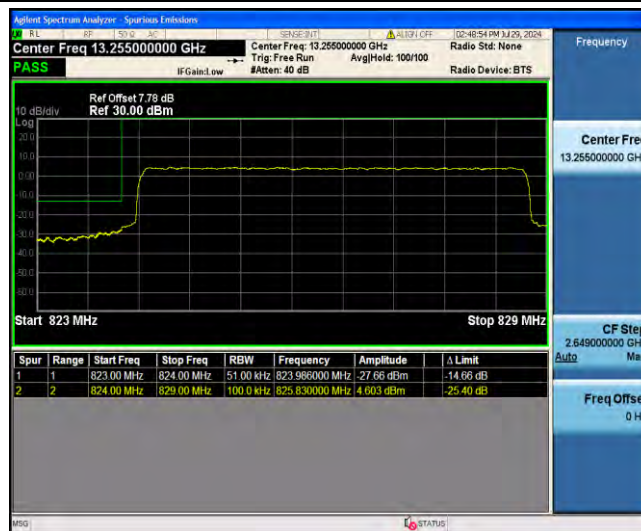
Band Edge for SA

Test Graphs

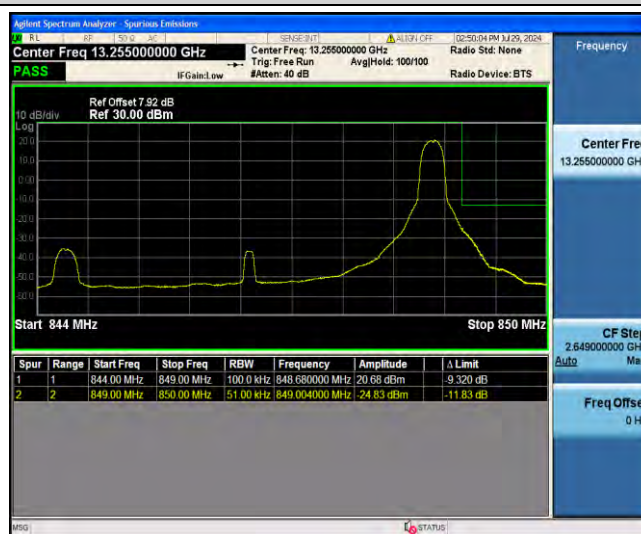




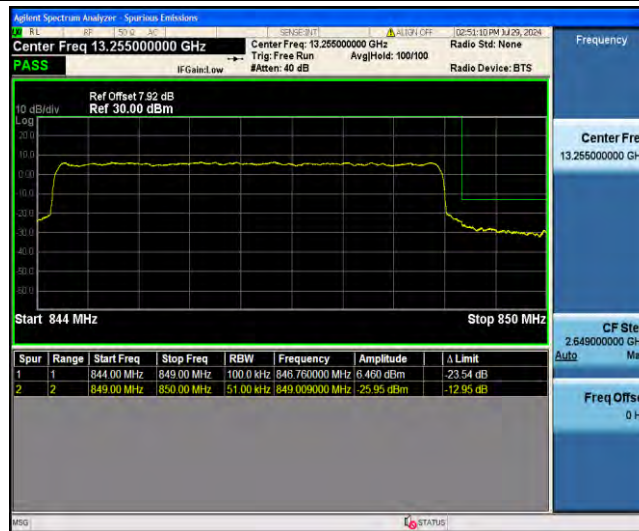
1-N5-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-12.09--25.09-PASS



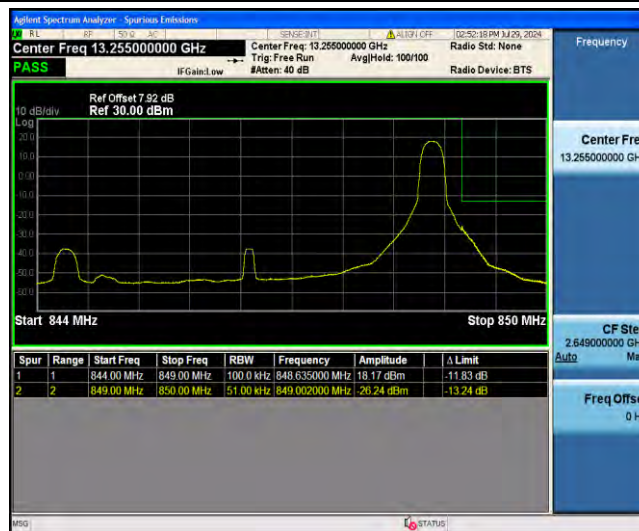
1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-823.99-14.66--27.66-PASS



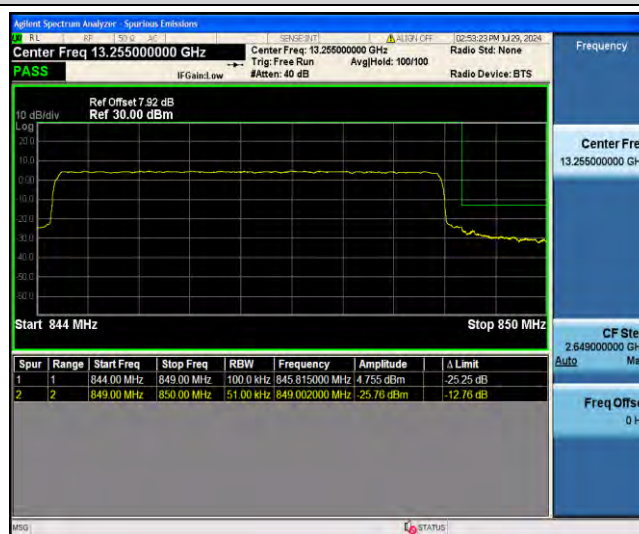
1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant1-849.00-11.83--24.83-PASS



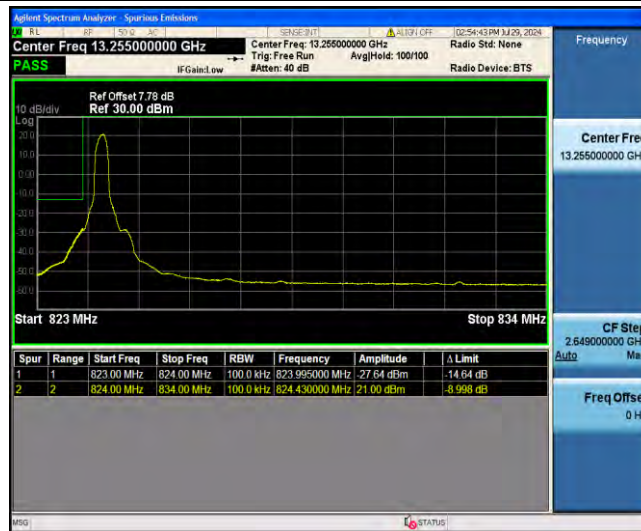
1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outet_Full-25@0-Ant1-849.01-12.95--25.95-PASS



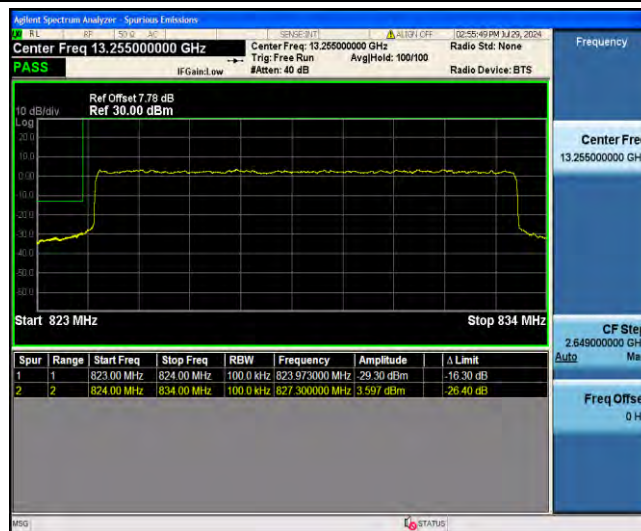
1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-849.00-13.24--26.24-PASS



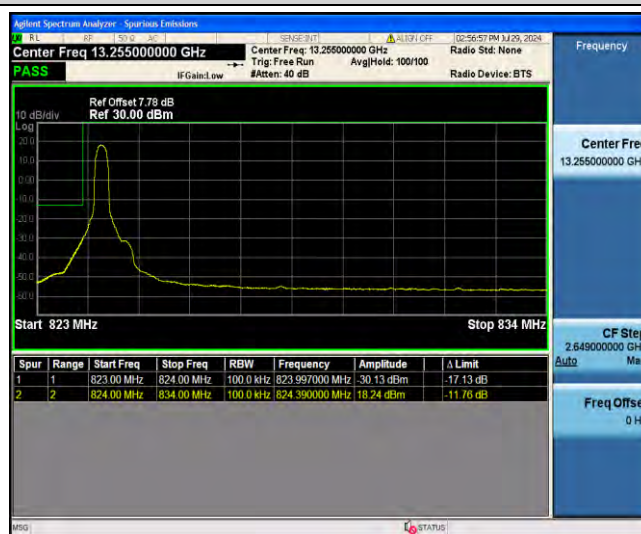
1-N5-PC3-15-5-H-6-CP-QPSK-Outet_Full-25@0-Ant1-849.00-12.76--25.76-PASS



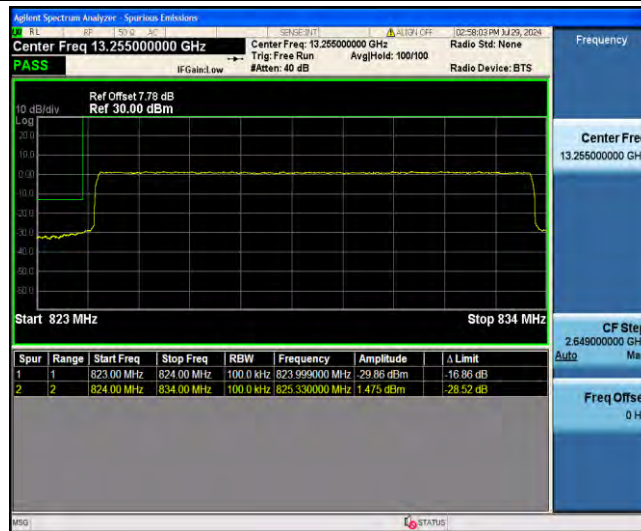
1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-824.00-14.64--27.64-PASS



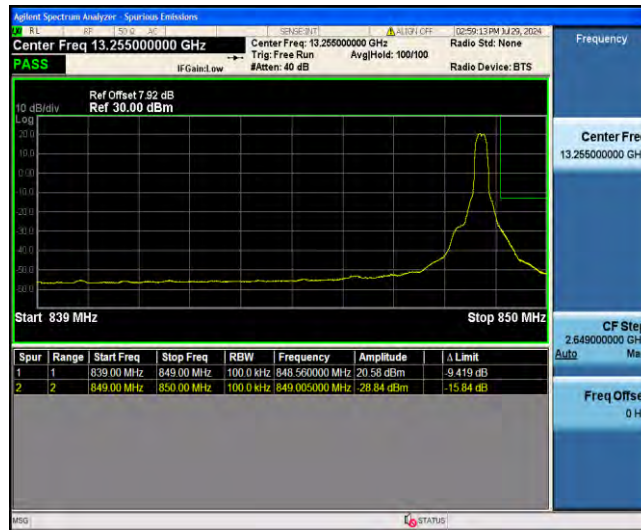
1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-823.97-16.30--29.30-PASS



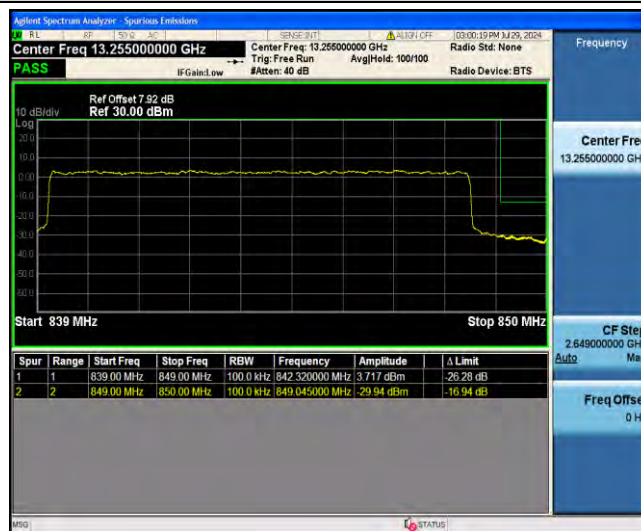
1-N5-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-17.13--30.13-PASS



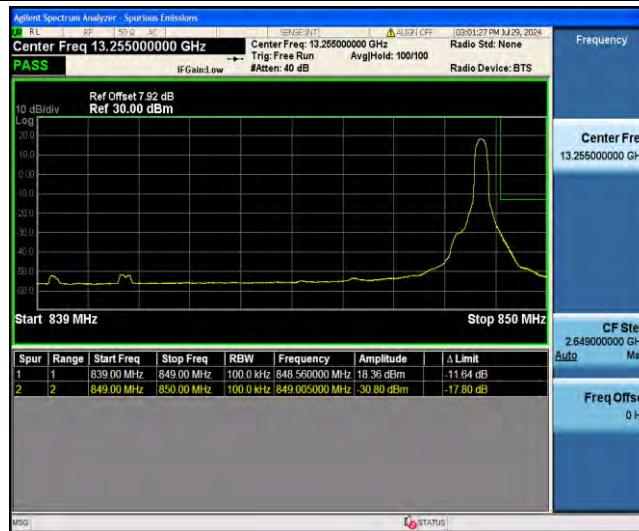
1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-824.00-16.86--29.86-PASS



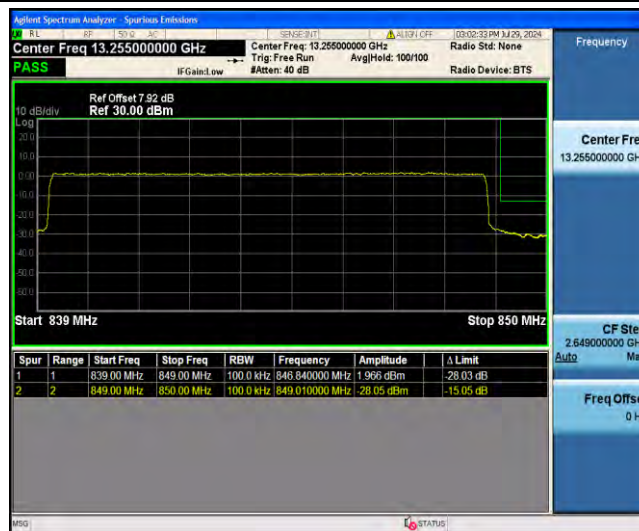
1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-849.01-15.84--28.84-PASS



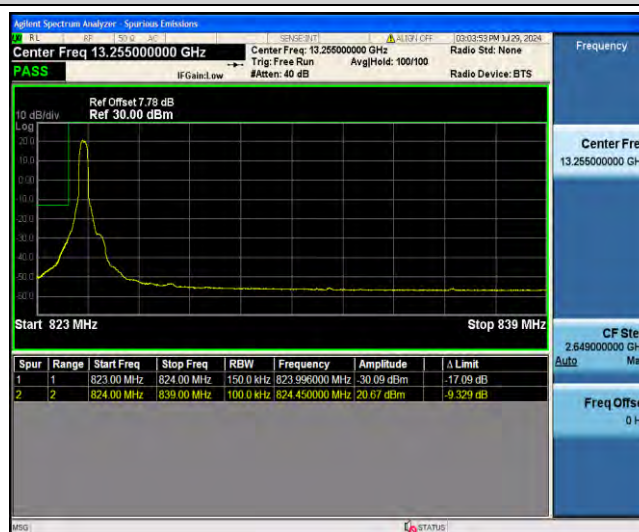
1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-849.05-16.94--29.94-PASS



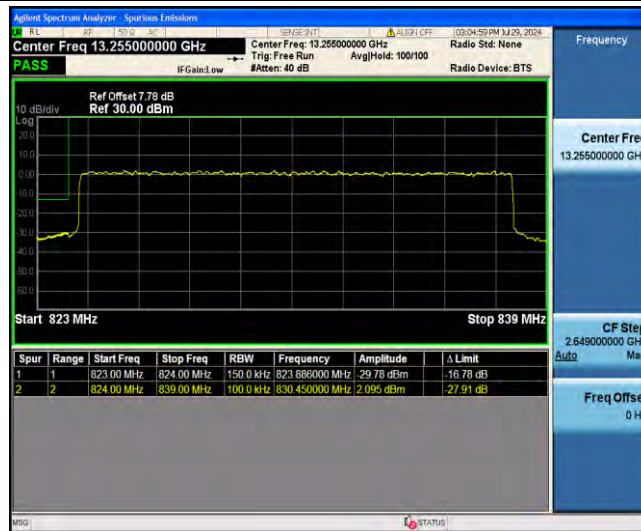
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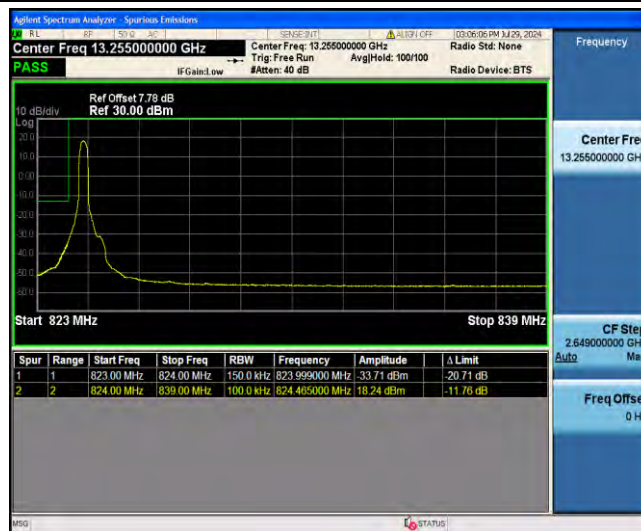
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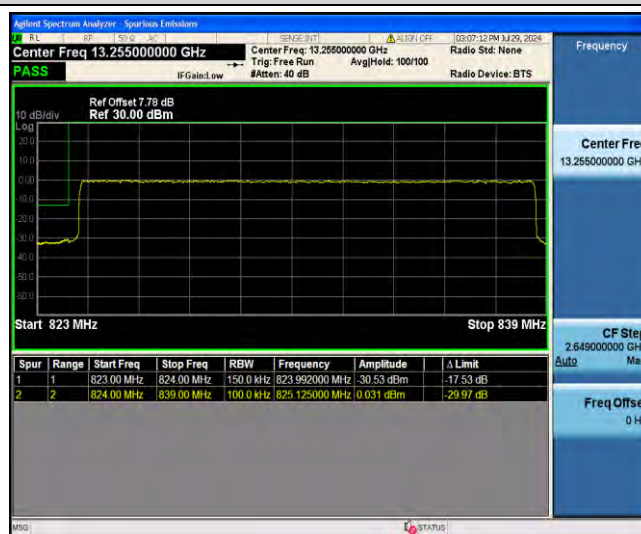
1-N5-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-824.00-17.09--30.09-PASS



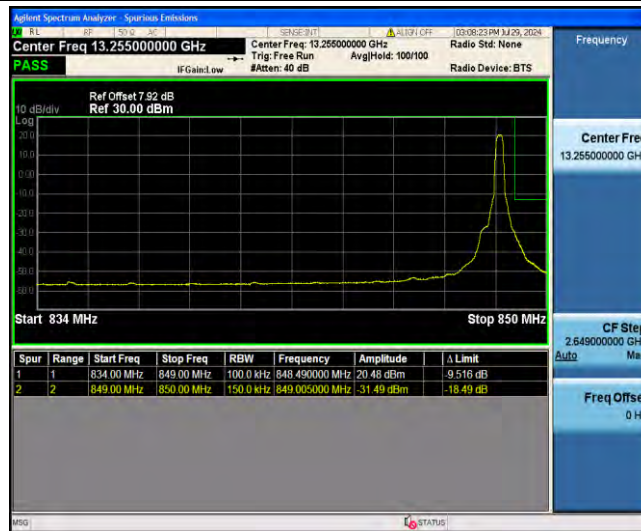
1-N5-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-823.89-16.78--29.78-PASS



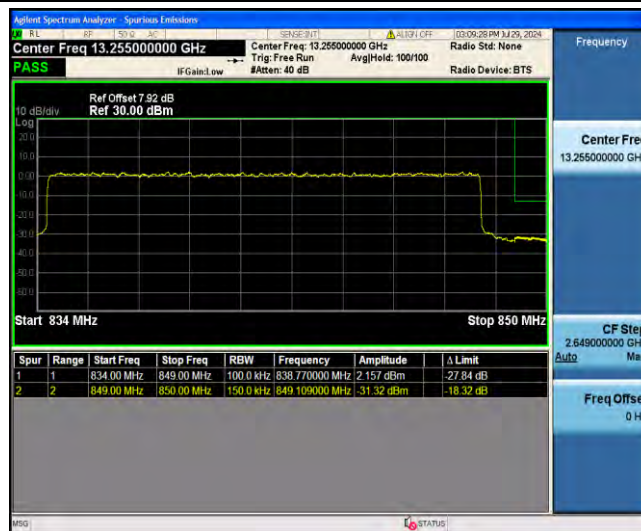
1-N5-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-20.71--33.71-PASS



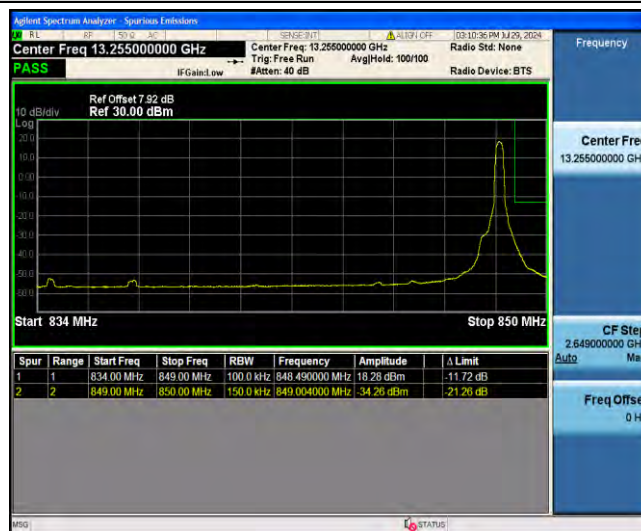
1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-823.99-17.53--30.53-PASS



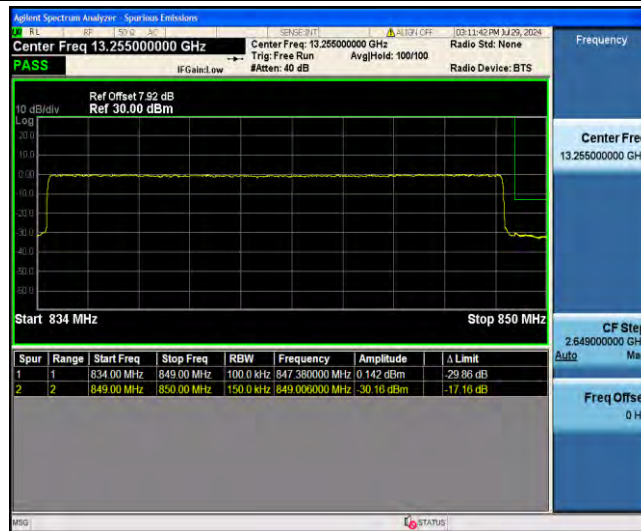
1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-849.01-18.49--31.49-PASS



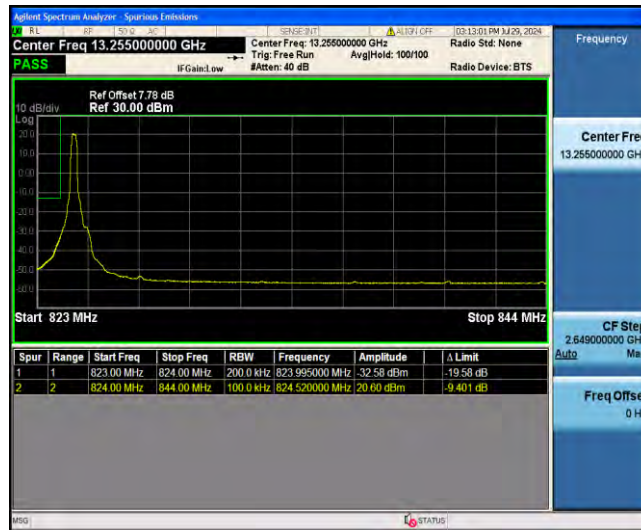
1-N5-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-849.11-18.32--31.32-PASS



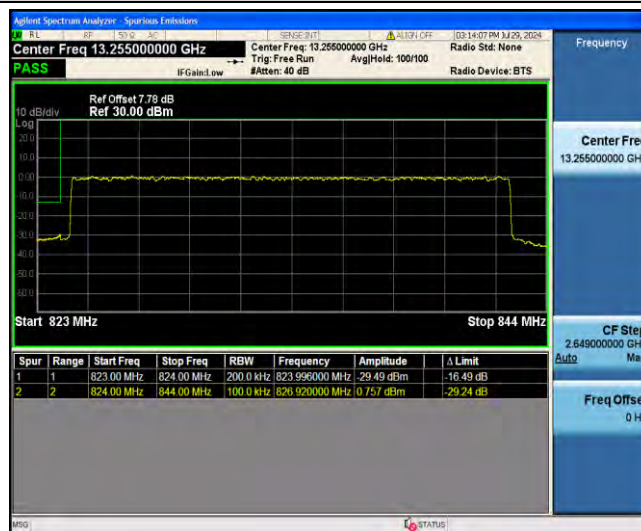
1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-849.00-21.26--34.26-PASS



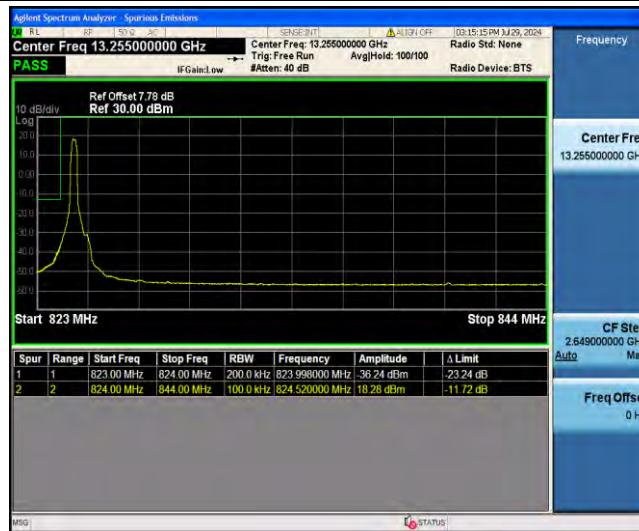
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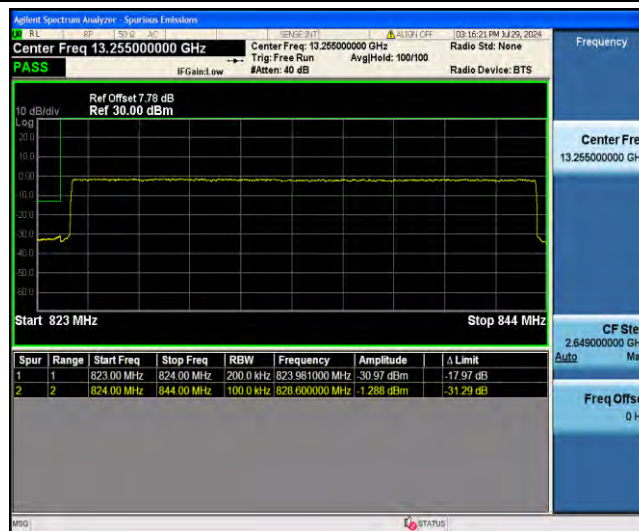
1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-824.00-19.58--32.58-PASS



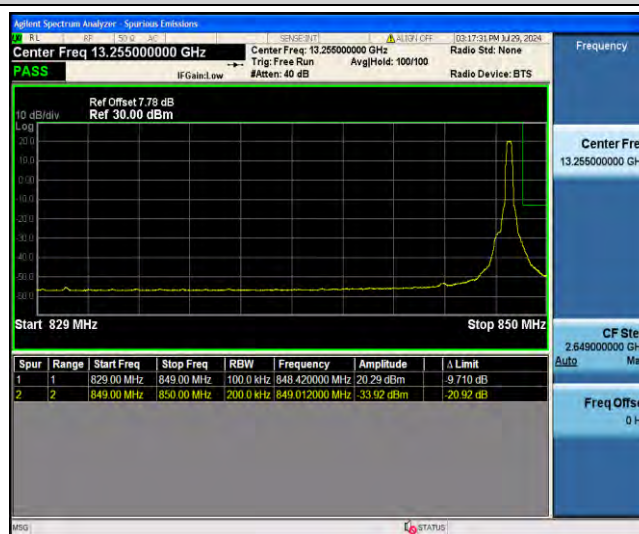
1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-824.00-16.49--29.49-PASS



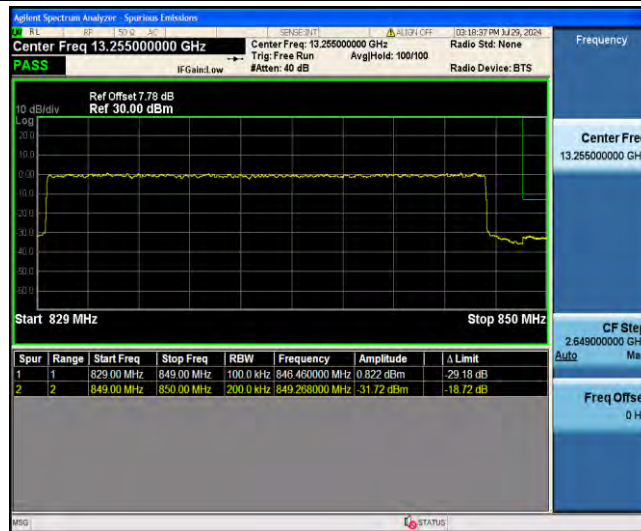
1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-23.24--36.24-PASS



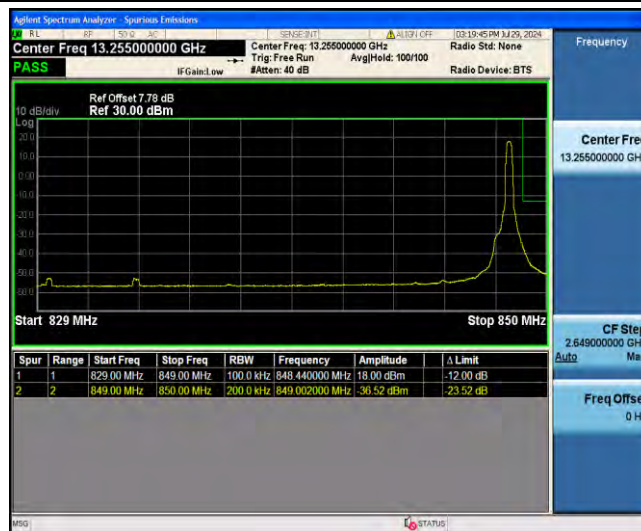
1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-823.98-17.97--30.97-PASS



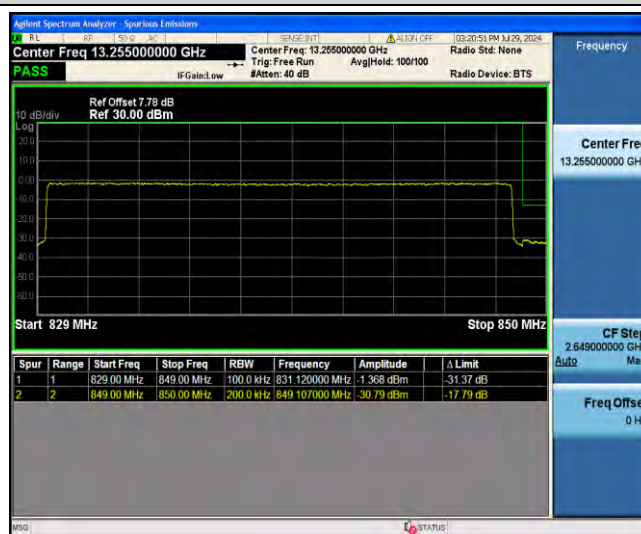
1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-849.01-20.92--33.92-PASS



1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outet_Full-100@0-Ant1-849.27-18.72--31.72-PASS



1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-849.00-23.52--36.52-PASS



1-N5-PC3-15-20-H-6-CP-QPSK-Outet_Full-106@0-Ant1-849.11-17.79--30.79-PASS

Conducted Spurious Emission for SA

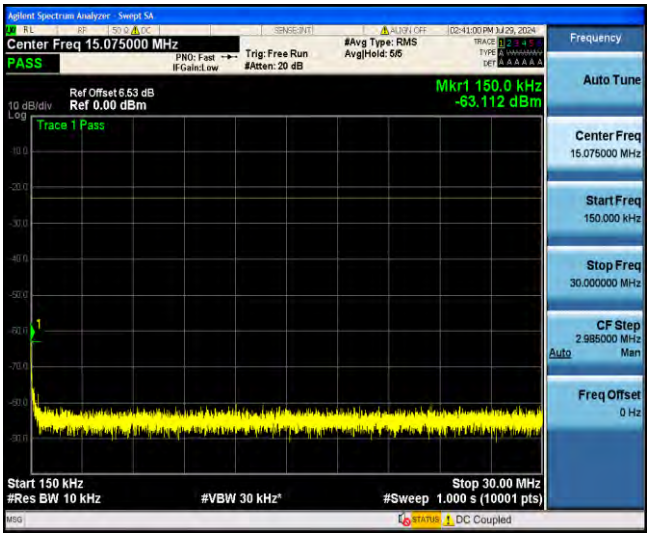
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N5	15	20	DFT-PI2BPSK	L	0.009	0.15	1@1	-62.10	-33	PASS
N5	15	20	DFT-PI2BPSK	L	0.15	30	1@1	-63.11	-23	PASS
N5	15	20	DFT-PI2BPSK	L	30	1000	1@1	-34.05	-13	PASS
N5	15	20	DFT-PI2BPSK	L	1000	3000	1@1	-38.56	-13	PASS
N5	15	20	DFT-PI2BPSK	L	3000	12000	1@1	-47.00	-13	PASS
N5	15	20	DFT-PI2BPSK	L	12000	20000	1@1	-43.85	-13	PASS
N5	15	20	DFT-PI2BPSK	M	0.009	0.15	1@1	-65.80	-33	PASS
N5	15	20	DFT-PI2BPSK	M	0.15	30	1@1	-61.81	-23	PASS
N5	15	20	DFT-PI2BPSK	M	30	1000	1@1	-50.44	-13	PASS
N5	15	20	DFT-PI2BPSK	M	1000	3000	1@1	-38.53	-13	PASS
N5	15	20	DFT-PI2BPSK	M	3000	12000	1@1	-46.98	-13	PASS
N5	15	20	DFT-PI2BPSK	M	12000	20000	1@1	-44.07	-13	PASS
N5	15	20	DFT-PI2BPSK	H	0.009	0.15	1@1	-66.70	-33	PASS
N5	15	20	DFT-PI2BPSK	H	0.15	30	1@1	-63.16	-23	PASS
N5	15	20	DFT-PI2BPSK	H	30	1000	1@1	-53.66	-13	PASS
N5	15	20	DFT-PI2BPSK	H	1000	3000	1@1	-38.44	-13	PASS
N5	15	20	DFT-PI2BPSK	H	3000	12000	1@1	-47.05	-13	PASS
N5	15	20	DFT-PI2BPSK	H	12000	20000	1@1	-44.06	-13	PASS

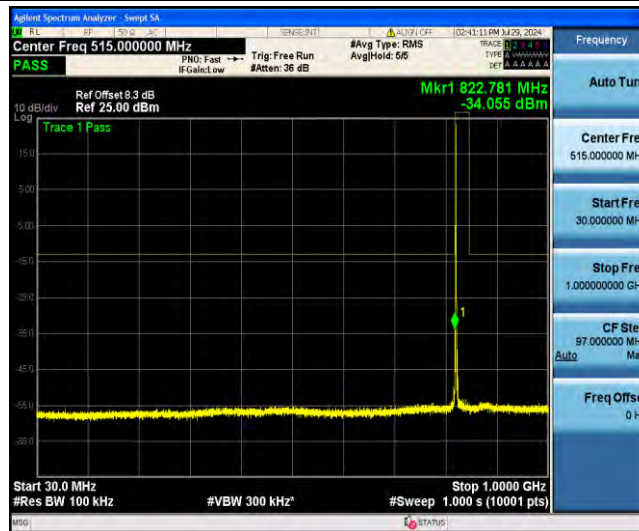
Test Graphs



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.12--62.10--33-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--63.11--23-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-822.78--34.05--13-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2675.80--38.56--13-PASS

S



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5867.85--47.00--13-PASS

SS



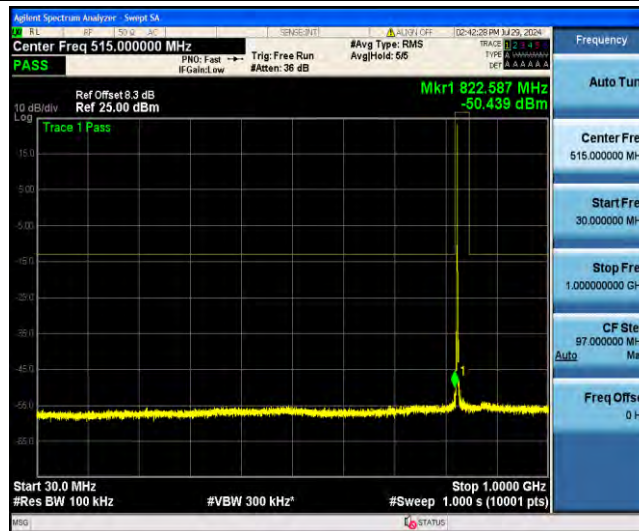
1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18741.60--43.85--13-P
ASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--65.80--33-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--61.81--23-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-822.59--50.44--13-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2665.20--38.53--13-PASS



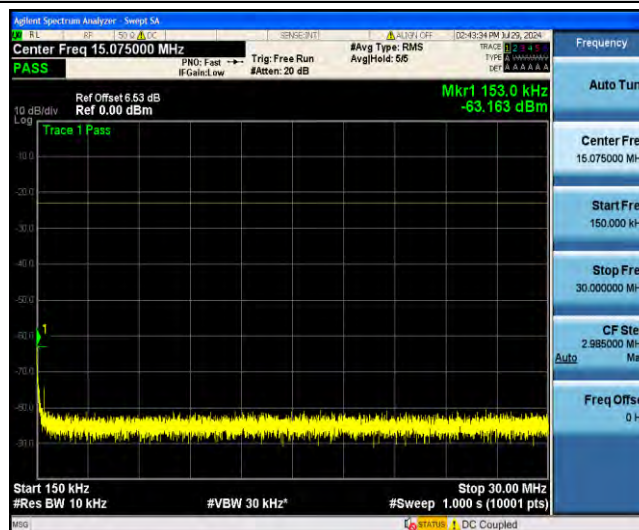
1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5919.60--46.98--13-PASS



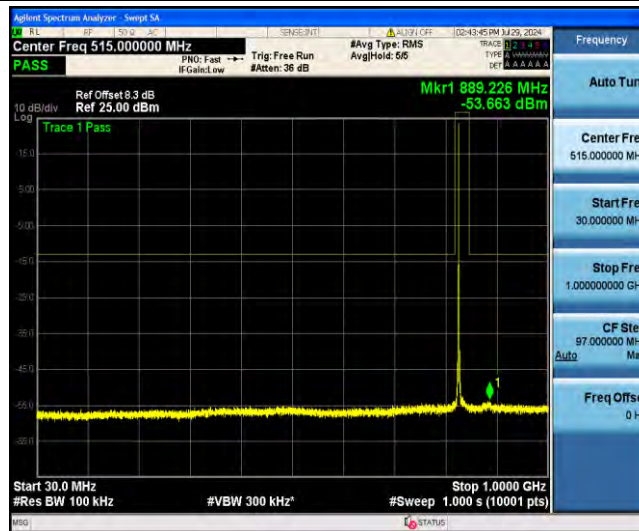
1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18770.40--44.07--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--66.70--33-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--63.16--23-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-889.23--53.66--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2671.80--38.44--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5432.25--47.05--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18786.40--44.06--13-P
ASS

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)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	100@0	VN	NT	-6.90	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	VL	NT	-9.80	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	VH	NT	-6.30	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VN	NT	-2.70	0.00	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VL	NT	-6.10	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VH	NT	-5.10	-0.01	±2.5	PASS

Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-20	-8.300000	-0.009922	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	50	-8.900000	-0.010640	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	40	-8.700000	-0.010400	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	10	-10.400000	-0.012433	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-10	-12.000000	-0.014345	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-30	-9.900000	-0.011835	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	30	-8.900000	-0.010640	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	0	-12.300000	-0.014704	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	20	-9.100000	-0.010879	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	0	-2.900000	-0.003467	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	10	-3.400000	-0.004065	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-10	-1.800000	-0.002152	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-20	-5.400000	-0.006455	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	50	-1.600000	-0.001913	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	30	-2.000000	-0.002391	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-30	-2.000000	-0.002391	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	40	-5.000000	-0.005977	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	20	-6.700000	-0.008010	±2.5	PASS

Field Strength of Spurious Radiation

SA Band 5 ANT31-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	-71.39	-13	-58.39	-74.27	2.62	5.5	Horizontal	Pass
2475.0	-69.05	-13	-56.05	-71.75	3.06	5.76	Horizontal	Pass
3300.0	-67.54	-13	-54.54	-71.91	3.3	7.67	Horizontal	Pass
1650.0	-71.23	-13	-58.23	-74.11	2.62	5.5	Vertical	Pass
2475.0	-69.47	-13	-56.47	-72.17	3.06	5.76	Vertical	Pass
3300.0	-67.28	-13	-54.28	-71.65	3.3	7.67	Vertical	Pass

SA Band 5 ANT31-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	-71.82	-13	-58.82	-74.69	2.62	5.49	Horizontal	Pass
2482.5	-69.41	-13	-56.41	-72.12	3.07	5.78	Horizontal	Pass
3310.0	-67.19	-13	-54.19	-71.59	3.3	7.7	Horizontal	Pass
1655.0	-71.46	-13	-58.46	-74.33	2.62	5.49	Vertical	Pass
2482.5	-69.96	-13	-56.96	-72.67	3.07	5.78	Vertical	Pass
3310.0	-67.96	-13	-54.96	-72.36	3.3	7.7	Vertical	Pass

SA Band 5 ANT31-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	-71.46	-13	-58.46	-74.32	2.62	5.48	Horizontal	Pass
2490.0	-69.17	-13	-56.17	-71.9	3.07	5.8	Horizontal	Pass
3320.0	-67.89	-13	-54.89	-72.3	3.31	7.72	Horizontal	Pass
1660.0	-71.86	-13	-58.86	-74.72	2.62	5.48	Vertical	Pass
2490.0	-69.19	-13	-56.19	-71.92	3.07	5.8	Vertical	Pass
3320.0	-67.13	-13	-54.13	-71.54	3.31	7.72	Vertical	Pass

NSA 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	-66.82	-13	-53.82	-71.19	3.3	7.67	Horizontal	Pass
4125.0	-64.89	-13	-51.89	-69.9	3.97	8.98	Horizontal	Pass
4950.0	-62.94	-13	-49.94	-68.46	4.55	10.07	Horizontal	Pass
3300.0	-66.85	-13	-53.85	-71.22	3.3	7.67	Vertical	Pass
4125.0	-65.22	-13	-52.22	-70.23	3.97	8.98	Vertical	Pass
4950.0	-62.84	-13	-49.84	-68.36	4.55	10.07	Vertical	Pass

NSA 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	-65.26	-13	-52.26	-70.27	3.98	8.99	Horizontal	Pass
4965.0	-62.73	-13	-49.73	-68.27	4.55	10.09	Horizontal	Pass
3310.0	-66.26	-13	-53.26	-70.66	3.3	7.7	Vertical	Pass
4137.5	-65.43	-13	-52.43	-70.44	3.98	8.99	Vertical	Pass
4965.0	-62.75	-13	-49.75	-68.29	4.55	10.09	Vertical	Pass

NSA 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	-66.84	-13	-53.84	-71.25	3.31	7.72	Horizontal	Pass
4150.0	-66.17	-13	-53.17	-71.19	3.99	9.01	Horizontal	Pass
4980.0	-62.53	-13	-49.53	-68.08	4.56	10.11	Horizontal	Pass
3320.0	-66.87	-13	-53.87	-71.28	3.31	7.72	Vertical	Pass
4150.0	-66.22	-13	-53.22	-71.24	3.99	9.01	Vertical	Pass
4980.0	-62.93	-13	-49.93	-68.48	4.56	10.11	Vertical	Pass

Remark:

- 1) The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:

$$\text{EIRP} = \text{S.G.Power} + \text{Antenna Gain} - \text{Cable Loss}$$

$$\text{Over Limit} = \text{Limit} - \text{EIRP}$$
- 2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---