

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant 31

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	1@1	24.05	15.8	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	1@23	23.98	15.73	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	25@0	23.52	15.27	38.45	PASS
N5	15	5	DFT-QPSK	L	1@1	24.11	15.86	38.45	PASS
N5	15	5	DFT-QPSK	L	1@23	23.97	15.72	38.45	PASS
N5	15	5	DFT-QPSK	L	25@0	23.22	14.97	38.45	PASS
N5	15	5	DFT-16QAM	L	1@1	23.23	14.98	38.45	PASS
N5	15	5	DFT-16QAM	L	1@23	23.09	14.84	38.45	PASS
N5	15	5	DFT-16QAM	L	25@0	22.53	14.28	38.45	PASS
N5	15	5	DFT-64QAM	L	1@1	22.05	13.8	38.45	PASS
N5	15	5	DFT-64QAM	L	1@23	22.02	13.77	38.45	PASS
N5	15	5	DFT-64QAM	L	25@0	21.98	13.73	38.45	PASS
N5	15	5	DFT-256QAM	L	1@1	20.87	12.62	38.45	PASS
N5	15	5	DFT-256QAM	L	1@23	20.78	12.53	38.45	PASS
N5	15	5	DFT-256QAM	L	25@0	21.02	12.77	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	1@1	23.99	15.74	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	1@23	23.91	15.66	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	25@0	23.51	15.26	38.45	PASS
N5	15	5	DFT-QPSK	M	1@1	23.95	15.7	38.45	PASS
N5	15	5	DFT-QPSK	M	1@23	23.99	15.74	38.45	PASS
N5	15	5	DFT-QPSK	M	25@0	23.24	14.99	38.45	PASS
N5	15	5	DFT-16QAM	M	1@1	23.09	14.84	38.45	PASS
N5	15	5	DFT-16QAM	M	1@23	23.16	14.91	38.45	PASS
N5	15	5	DFT-16QAM	M	25@0	22.50	14.25	38.45	PASS
N5	15	5	DFT-64QAM	M	1@1	21.93	13.68	38.45	PASS
N5	15	5	DFT-64QAM	M	1@23	22.05	13.8	38.45	PASS
N5	15	5	DFT-64QAM	M	25@0	21.86	13.61	38.45	PASS
N5	15	5	DFT-256QAM	M	1@1	20.63	12.38	38.45	PASS
N5	15	5	DFT-256QAM	M	1@23	20.73	12.48	38.45	PASS
N5	15	5	DFT-256QAM	M	25@0	20.95	12.7	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	1@1	23.90	15.65	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	1@23	23.91	15.66	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	25@0	23.47	15.22	38.45	PASS
N5	15	5	DFT-QPSK	H	1@1	23.94	15.69	38.45	PASS
N5	15	5	DFT-QPSK	H	1@23	23.87	15.62	38.45	PASS
N5	15	5	DFT-QPSK	H	25@0	23.14	14.89	38.45	PASS

N5	15	5	DFT-16QAM	H	1@1	23.18	14.93	38.45	PASS
N5	15	5	DFT-16QAM	H	1@23	23.05	14.8	38.45	PASS
N5	15	5	DFT-16QAM	H	25@0	22.48	14.23	38.45	PASS
N5	15	5	DFT-64QAM	H	1@1	22.05	13.8	38.45	PASS
N5	15	5	DFT-64QAM	H	1@23	21.97	13.72	38.45	PASS
N5	15	5	DFT-64QAM	H	25@0	21.93	13.68	38.45	PASS
N5	15	5	DFT-256QAM	H	1@1	20.73	12.48	38.45	PASS
N5	15	5	DFT-256QAM	H	1@23	20.65	12.4	38.45	PASS
N5	15	5	DFT-256QAM	H	25@0	20.87	12.62	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	1@1	24.07	15.82	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	1@50	23.79	15.54	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	50@0	23.46	15.21	38.45	PASS
N5	15	10	DFT-QPSK	L	1@1	24.00	15.75	38.45	PASS
N5	15	10	DFT-QPSK	L	1@50	23.88	15.63	38.45	PASS
N5	15	10	DFT-QPSK	L	50@0	23.21	14.96	38.45	PASS
N5	15	10	DFT-16QAM	L	1@1	23.21	14.96	38.45	PASS
N5	15	10	DFT-16QAM	L	1@50	22.95	14.7	38.45	PASS
N5	15	10	DFT-16QAM	L	50@0	22.54	14.29	38.45	PASS
N5	15	10	DFT-64QAM	L	1@1	22.10	13.85	38.45	PASS
N5	15	10	DFT-64QAM	L	1@50	21.93	13.68	38.45	PASS
N5	15	10	DFT-64QAM	L	50@0	21.89	13.64	38.45	PASS
N5	15	10	DFT-256QAM	L	1@1	20.76	12.51	38.45	PASS
N5	15	10	DFT-256QAM	L	1@50	20.66	12.41	38.45	PASS
N5	15	10	DFT-256QAM	L	50@0	21.02	12.77	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	1@1	23.87	15.62	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	1@50	23.92	15.67	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	50@0	23.51	15.26	38.45	PASS
N5	15	10	DFT-QPSK	M	1@1	23.82	15.57	38.45	PASS
N5	15	10	DFT-QPSK	M	1@50	23.94	15.69	38.45	PASS
N5	15	10	DFT-QPSK	M	50@0	23.14	14.89	38.45	PASS
N5	15	10	DFT-16QAM	M	1@1	23.08	14.83	38.45	PASS
N5	15	10	DFT-16QAM	M	1@50	23.11	14.86	38.45	PASS
N5	15	10	DFT-16QAM	M	50@0	22.47	14.22	38.45	PASS
N5	15	10	DFT-64QAM	M	1@1	21.90	13.65	38.45	PASS
N5	15	10	DFT-64QAM	M	1@50	22.03	13.78	38.45	PASS
N5	15	10	DFT-64QAM	M	50@0	21.81	13.56	38.45	PASS
N5	15	10	DFT-256QAM	M	1@1	20.67	12.42	38.45	PASS
N5	15	10	DFT-256QAM	M	1@50	20.68	12.43	38.45	PASS
N5	15	10	DFT-256QAM	M	50@0	20.90	12.65	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	1@1	23.90	15.65	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	1@50	23.81	15.56	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	50@0	23.55	15.3	38.45	PASS
N5	15	10	DFT-QPSK	H	1@1	23.93	15.68	38.45	PASS

N5	15	10	DFT-QPSK	H	1@50	23.79	15.54	38.45	PASS
N5	15	10	DFT-QPSK	H	50@0	23.19	14.94	38.45	PASS
N5	15	10	DFT-16QAM	H	1@1	23.09	14.84	38.45	PASS
N5	15	10	DFT-16QAM	H	1@50	22.97	14.72	38.45	PASS
N5	15	10	DFT-16QAM	H	50@0	22.50	14.25	38.45	PASS
N5	15	10	DFT-64QAM	H	1@1	22.01	13.76	38.45	PASS
N5	15	10	DFT-64QAM	H	1@50	21.89	13.64	38.45	PASS
N5	15	10	DFT-64QAM	H	50@0	21.81	13.56	38.45	PASS
N5	15	10	DFT-256QAM	H	1@1	20.73	12.48	38.45	PASS
N5	15	10	DFT-256QAM	H	1@50	20.61	12.36	38.45	PASS
N5	15	10	DFT-256QAM	H	50@0	20.96	12.71	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	1@1	24.06	15.81	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	1@77	23.96	15.71	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	75@0	23.62	15.37	38.45	PASS
N5	15	15	DFT-QPSK	L	1@1	24.09	15.84	38.45	PASS
N5	15	15	DFT-QPSK	L	1@77	23.98	15.73	38.45	PASS
N5	15	15	DFT-QPSK	L	75@0	23.33	15.08	38.45	PASS
N5	15	15	DFT-16QAM	L	1@1	23.34	15.09	38.45	PASS
N5	15	15	DFT-16QAM	L	1@77	23.24	14.99	38.45	PASS
N5	15	15	DFT-16QAM	L	75@0	22.65	14.4	38.45	PASS
N5	15	15	DFT-64QAM	L	1@1	21.99	13.74	38.45	PASS
N5	15	15	DFT-64QAM	L	1@77	22.05	13.8	38.45	PASS
N5	15	15	DFT-64QAM	L	75@0	21.89	13.64	38.45	PASS
N5	15	15	DFT-256QAM	L	1@1	21.03	12.78	38.45	PASS
N5	15	15	DFT-256QAM	L	1@77	20.81	12.56	38.45	PASS
N5	15	15	DFT-256QAM	L	75@0	21.12	12.87	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	1@1	24.03	15.78	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	1@77	24.01	15.76	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	75@0	23.64	15.39	38.45	PASS
N5	15	15	DFT-QPSK	M	1@1	24.08	15.83	38.45	PASS
N5	15	15	DFT-QPSK	M	1@77	23.94	15.69	38.45	PASS
N5	15	15	DFT-QPSK	M	75@0	23.39	15.14	38.45	PASS
N5	15	15	DFT-16QAM	M	1@1	23.27	15.02	38.45	PASS
N5	15	15	DFT-16QAM	M	1@77	23.20	14.95	38.45	PASS
N5	15	15	DFT-16QAM	M	75@0	22.66	14.41	38.45	PASS
N5	15	15	DFT-64QAM	M	1@1	22.07	13.82	38.45	PASS
N5	15	15	DFT-64QAM	M	1@77	21.93	13.68	38.45	PASS
N5	15	15	DFT-64QAM	M	75@0	22.01	13.76	38.45	PASS
N5	15	15	DFT-256QAM	M	1@1	20.93	12.68	38.45	PASS
N5	15	15	DFT-256QAM	M	1@77	20.75	12.5	38.45	PASS
N5	15	15	DFT-256QAM	M	75@0	21.10	12.85	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	1@1	23.96	15.71	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	1@77	23.82	15.57	38.45	PASS

N5	15	15	DFT-PI2BPSK	H	75@0	23.58	15.33	38.45	PASS
N5	15	15	DFT-QPSK	H	1@1	23.99	15.74	38.45	PASS
N5	15	15	DFT-QPSK	H	1@77	23.83	15.58	38.45	PASS
N5	15	15	DFT-QPSK	H	75@0	23.33	15.08	38.45	PASS
N5	15	15	DFT-16QAM	H	1@1	23.24	14.99	38.45	PASS
N5	15	15	DFT-16QAM	H	1@77	23.05	14.8	38.45	PASS
N5	15	15	DFT-16QAM	H	75@0	22.62	14.37	38.45	PASS
N5	15	15	DFT-64QAM	H	1@1	22.07	13.82	38.45	PASS
N5	15	15	DFT-64QAM	H	1@77	21.96	13.71	38.45	PASS
N5	15	15	DFT-64QAM	H	75@0	21.94	13.69	38.45	PASS
N5	15	15	DFT-256QAM	H	1@1	20.88	12.63	38.45	PASS
N5	15	15	DFT-256QAM	H	1@77	20.68	12.43	38.45	PASS
N5	15	15	DFT-256QAM	H	75@0	21.10	12.85	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	1@1	24.07	15.82	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	1@104	23.94	15.69	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	100@0	23.59	15.34	38.45	PASS
N5	15	20	DFT-QPSK	L	1@1	24.05	15.8	38.45	PASS
N5	15	20	DFT-QPSK	L	1@104	23.90	15.65	38.45	PASS
N5	15	20	DFT-QPSK	L	100@0	23.36	15.11	38.45	PASS
N5	15	20	DFT-16QAM	L	1@1	23.29	15.04	38.45	PASS
N5	15	20	DFT-16QAM	L	1@104	23.16	14.91	38.45	PASS
N5	15	20	DFT-16QAM	L	100@0	22.73	14.48	38.45	PASS
N5	15	20	DFT-64QAM	L	1@1	21.96	13.71	38.45	PASS
N5	15	20	DFT-64QAM	L	1@104	22.05	13.8	38.45	PASS
N5	15	20	DFT-64QAM	L	100@0	21.94	13.69	38.45	PASS
N5	15	20	DFT-256QAM	L	1@1	20.98	12.73	38.45	PASS
N5	15	20	DFT-256QAM	L	1@104	20.82	12.57	38.45	PASS
N5	15	20	DFT-256QAM	L	100@0	21.10	12.85	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	1@1	24.05	15.8	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	1@104	23.92	15.67	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	23.69	15.44	38.45	PASS
N5	15	20	DFT-QPSK	M	1@1	24.06	15.81	38.45	PASS
N5	15	20	DFT-QPSK	M	1@104	23.93	15.68	38.45	PASS
N5	15	20	DFT-QPSK	M	100@0	23.37	15.12	38.45	PASS
N5	15	20	DFT-16QAM	M	1@1	23.21	14.96	38.45	PASS
N5	15	20	DFT-16QAM	M	1@104	23.15	14.9	38.45	PASS
N5	15	20	DFT-16QAM	M	100@0	22.71	14.46	38.45	PASS
N5	15	20	DFT-64QAM	M	1@1	22.18	13.93	38.45	PASS
N5	15	20	DFT-64QAM	M	1@104	22.05	13.8	38.45	PASS
N5	15	20	DFT-64QAM	M	100@0	21.98	13.73	38.45	PASS
N5	15	20	DFT-256QAM	M	1@1	20.94	12.69	38.45	PASS
N5	15	20	DFT-256QAM	M	1@104	20.84	12.59	38.45	PASS
N5	15	20	DFT-256QAM	M	100@0	21.15	12.9	38.45	PASS

N5	15	20	DFT-PI2BPSK	H	1@1	24.04	15.79	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	1@104	23.85	15.6	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	100@0	23.63	15.38	38.45	PASS
N5	15	20	DFT-QPSK	H	1@1	24.04	15.79	38.45	PASS
N5	15	20	DFT-QPSK	H	1@104	23.84	15.59	38.45	PASS
N5	15	20	DFT-QPSK	H	100@0	23.35	15.1	38.45	PASS
N5	15	20	DFT-16QAM	H	1@1	23.16	14.91	38.45	PASS
N5	15	20	DFT-16QAM	H	1@104	23.04	14.79	38.45	PASS
N5	15	20	DFT-16QAM	H	100@0	22.66	14.41	38.45	PASS
N5	15	20	DFT-64QAM	H	1@1	21.93	13.68	38.45	PASS
N5	15	20	DFT-64QAM	H	1@104	21.96	13.71	38.45	PASS
N5	15	20	DFT-64QAM	H	100@0	21.97	13.72	38.45	PASS
N5	15	20	DFT-256QAM	H	1@1	20.95	12.7	38.45	PASS
N5	15	20	DFT-256QAM	H	1@104	20.76	12.51	38.45	PASS
N5	15	20	DFT-256QAM	H	100@0	21.13	12.88	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@0-6.63-PASS



1-N5-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-7.65-PASS



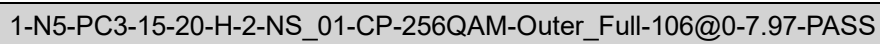
1-N5-PC3-15-20-M-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.73-PASS



1-N5-PC3-15-20-M-2-NS_01-CP-256QAM-Outer_Full-106@0-7.80-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.57-PASS



26dB Bandwidth and Occupied Bandwidth for SA

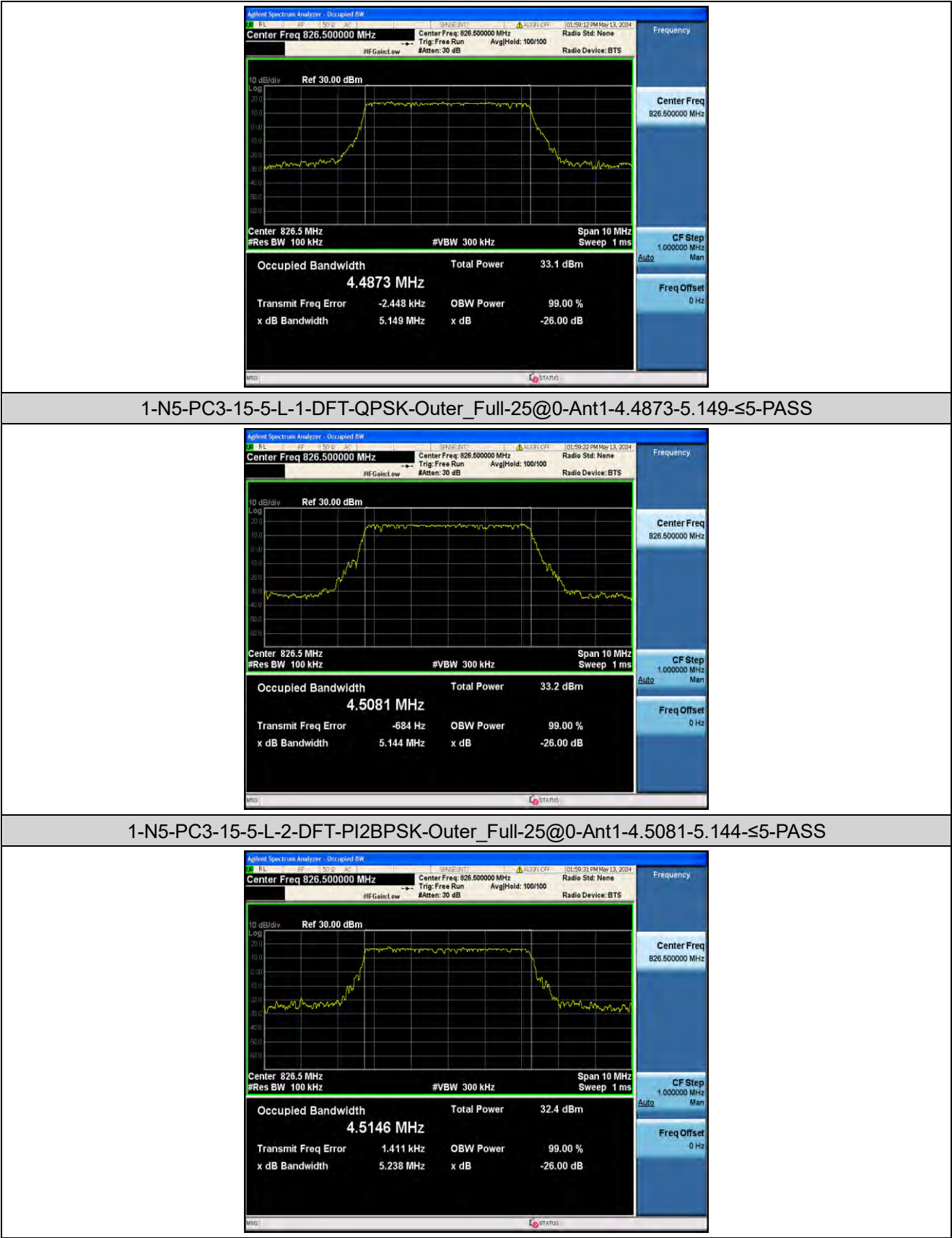
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	25@0	4.4873	5.149	PASS
N5	15	5	DFT-PI2BPSK	L	25@0	4.5081	5.144	PASS
N5	15	5	DFT-16QAM	L	25@0	4.5146	5.238	PASS
N5	15	5	DFT-64QAM	L	25@0	4.4726	5.019	PASS
N5	15	5	DFT-256QAM	L	25@0	4.4901	5.194	PASS
N5	15	5	CP-QPSK	L	25@0	4.4996	5.094	PASS
N5	15	5	CP-16QAM	L	25@0	4.5215	5.206	PASS
N5	15	5	CP-64QAM	L	25@0	4.4931	5.279	PASS
N5	15	5	CP-256QAM	L	25@0	4.5246	5.153	PASS
N5	15	5	DFT-QPSK	M	25@0	4.4943	5.116	PASS
N5	15	5	DFT-PI2BPSK	M	25@0	4.4971	5.071	PASS
N5	15	5	DFT-16QAM	M	25@0	4.4993	5.091	PASS
N5	15	5	DFT-64QAM	M	25@0	4.5130	5.068	PASS
N5	15	5	DFT-256QAM	M	25@0	4.5034	5.252	PASS
N5	15	5	CP-QPSK	M	25@0	4.4970	5.203	PASS
N5	15	5	CP-16QAM	M	25@0	4.5589	5.272	PASS
N5	15	5	CP-64QAM	M	25@0	4.4773	5.147	PASS
N5	15	5	CP-256QAM	M	25@0	4.5148	5.267	PASS
N5	15	5	DFT-QPSK	H	25@0	4.4786	5.094	PASS
N5	15	5	DFT-PI2BPSK	H	25@0	4.4911	5.148	PASS
N5	15	5	DFT-16QAM	H	25@0	4.5060	5.254	PASS
N5	15	5	DFT-64QAM	H	25@0	4.4908	5.133	PASS
N5	15	5	DFT-256QAM	H	25@0	4.4876	5.051	PASS
N5	15	5	CP-QPSK	H	25@0	4.4867	5.130	PASS
N5	15	5	CP-16QAM	H	25@0	4.5139	5.094	PASS
N5	15	5	CP-64QAM	H	25@0	4.4926	5.136	PASS
N5	15	5	CP-256QAM	H	25@0	4.5111	5.228	PASS
N5	15	10	DFT-QPSK	L	50@0	8.9195	9.735	PASS
N5	15	10	DFT-PI2BPSK	L	50@0	8.9020	9.507	PASS
N5	15	10	DFT-16QAM	L	50@0	8.9031	9.577	PASS
N5	15	10	DFT-64QAM	L	50@0	8.9238	9.589	PASS
N5	15	10	DFT-256QAM	L	50@0	8.9082	9.579	PASS
N5	15	10	CP-QPSK	L	52@0	9.2782	9.961	PASS
N5	15	10	CP-16QAM	L	52@0	9.3010	9.954	PASS
N5	15	10	CP-64QAM	L	52@0	9.2922	9.844	PASS
N5	15	10	CP-256QAM	L	52@0	9.2878	10.08	PASS

N5	15	10	DFT-QPSK	M	50@0	8.9106	9.597	PASS
N5	15	10	DFT-PI2BPSK	M	50@0	8.9025	9.557	PASS
N5	15	10	DFT-16QAM	M	50@0	8.8828	9.527	PASS
N5	15	10	DFT-64QAM	M	50@0	8.9313	9.609	PASS
N5	15	10	DFT-256QAM	M	50@0	8.9056	9.498	PASS
N5	15	10	CP-QPSK	M	52@0	9.2790	10.01	PASS
N5	15	10	CP-16QAM	M	52@0	9.2855	10.02	PASS
N5	15	10	CP-64QAM	M	52@0	9.2723	9.853	PASS
N5	15	10	CP-256QAM	M	52@0	9.2927	9.948	PASS
N5	15	10	DFT-QPSK	H	50@0	8.9090	9.637	PASS
N5	15	10	DFT-PI2BPSK	H	50@0	8.8855	9.533	PASS
N5	15	10	DFT-16QAM	H	50@0	8.8836	9.602	PASS
N5	15	10	DFT-64QAM	H	50@0	8.9056	9.586	PASS
N5	15	10	DFT-256QAM	H	50@0	8.8840	9.583	PASS
N5	15	10	CP-QPSK	H	52@0	9.2695	10.12	PASS
N5	15	10	CP-16QAM	H	52@0	9.2858	9.824	PASS
N5	15	10	CP-64QAM	H	52@0	9.2589	9.861	PASS
N5	15	10	CP-256QAM	H	52@0	9.2866	9.973	PASS
N5	15	15	DFT-QPSK	L	75@0	13.526	14.45	PASS
N5	15	15	DFT-PI2BPSK	L	75@0	13.472	14.55	PASS
N5	15	15	DFT-16QAM	L	75@0	13.508	14.48	PASS
N5	15	15	DFT-64QAM	L	75@0	13.437	14.45	PASS
N5	15	15	DFT-256QAM	L	75@0	13.522	14.48	PASS
N5	15	15	CP-QPSK	L	79@0	14.183	15.20	PASS
N5	15	15	CP-16QAM	L	79@0	14.146	15.19	PASS
N5	15	15	CP-64QAM	L	79@0	14.165	15.18	PASS
N5	15	15	CP-256QAM	L	79@0	14.160	15.14	PASS
N5	15	15	DFT-QPSK	M	75@0	13.501	14.53	PASS
N5	15	15	DFT-PI2BPSK	M	75@0	13.468	14.42	PASS
N5	15	15	DFT-16QAM	M	75@0	13.474	14.53	PASS
N5	15	15	DFT-64QAM	M	75@0	13.466	14.40	PASS
N5	15	15	DFT-256QAM	M	75@0	13.471	14.40	PASS
N5	15	15	CP-QPSK	M	79@0	14.152	15.14	PASS
N5	15	15	CP-16QAM	M	79@0	14.161	15.15	PASS
N5	15	15	CP-64QAM	M	79@0	14.139	15.24	PASS
N5	15	15	CP-256QAM	M	79@0	14.132	15.18	PASS
N5	15	15	DFT-QPSK	H	75@0	13.455	14.50	PASS
N5	15	15	DFT-PI2BPSK	H	75@0	13.458	14.35	PASS
N5	15	15	DFT-16QAM	H	75@0	13.482	14.49	PASS
N5	15	15	DFT-64QAM	H	75@0	13.460	14.35	PASS
N5	15	15	DFT-256QAM	H	75@0	13.475	14.35	PASS
N5	15	15	CP-QPSK	H	79@0	14.144	15.06	PASS
N5	15	15	CP-16QAM	H	79@0	14.129	15.16	PASS

N5	15	15	CP-64QAM	H	79@0	14.129	14.95	PASS
N5	15	15	CP-256QAM	H	79@0	14.122	15.07	PASS
N5	15	20	DFT-QPSK	L	100@0	17.897	19.02	PASS
N5	15	20	DFT-PI2BPSK	L	100@0	17.943	18.92	PASS
N5	15	20	DFT-16QAM	L	100@0	17.880	18.97	PASS
N5	15	20	DFT-64QAM	L	100@0	17.886	18.92	PASS
N5	15	20	DFT-256QAM	L	100@0	17.875	18.78	PASS
N5	15	20	CP-QPSK	L	106@0	18.914	19.90	PASS
N5	15	20	CP-16QAM	L	106@0	18.940	19.95	PASS
N5	15	20	CP-64QAM	L	106@0	18.884	19.83	PASS
N5	15	20	CP-256QAM	L	106@0	18.938	20.12	PASS
N5	15	20	DFT-QPSK	M	100@0	17.870	18.92	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	17.882	18.88	PASS
N5	15	20	DFT-16QAM	M	100@0	17.860	18.86	PASS
N5	15	20	DFT-64QAM	M	100@0	17.902	18.92	PASS
N5	15	20	DFT-256QAM	M	100@0	17.907	18.94	PASS
N5	15	20	CP-QPSK	M	106@0	18.916	19.93	PASS
N5	15	20	CP-16QAM	M	106@0	18.965	20.09	PASS
N5	15	20	CP-64QAM	M	106@0	18.919	19.95	PASS
N5	15	20	CP-256QAM	M	106@0	18.893	19.98	PASS
N5	15	20	DFT-QPSK	H	100@0	17.868	18.97	PASS
N5	15	20	DFT-PI2BPSK	H	100@0	17.870	18.78	PASS
N5	15	20	DFT-16QAM	H	100@0	17.896	18.99	PASS
N5	15	20	DFT-64QAM	H	100@0	17.875	18.85	PASS
N5	15	20	DFT-256QAM	H	100@0	17.835	18.86	PASS
N5	15	20	CP-QPSK	H	106@0	18.914	19.97	PASS
N5	15	20	CP-16QAM	H	106@0	18.887	19.88	PASS
N5	15	20	CP-64QAM	H	106@0	18.876	19.85	PASS
N5	15	20	CP-256QAM	H	106@0	18.904	19.98	PASS

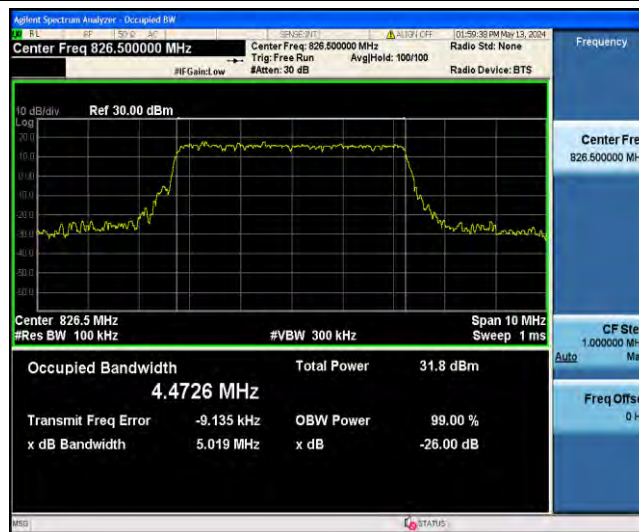
Test Graphs



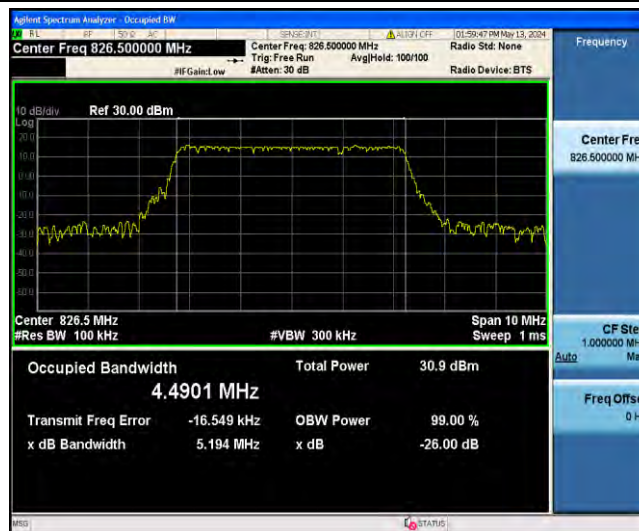
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1-N5-PC3-15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.5081-5.144-≤5-PASS

1-N5-PC3-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.5146-5.238-≤5-PASS



1-N5-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.4726-5.019-≤5-PASS



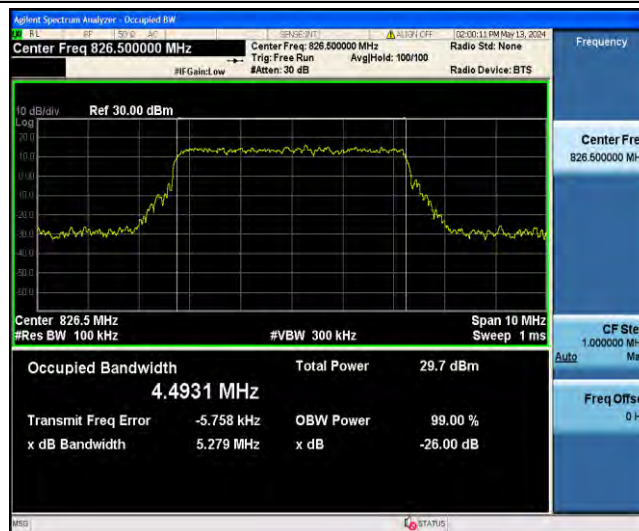
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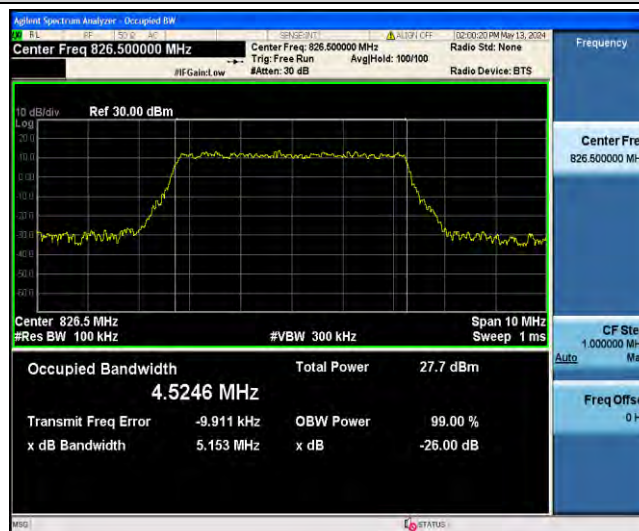
1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4996-5.094-≤5-PASS



1-N5-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5215-5.206-≤5-PASS



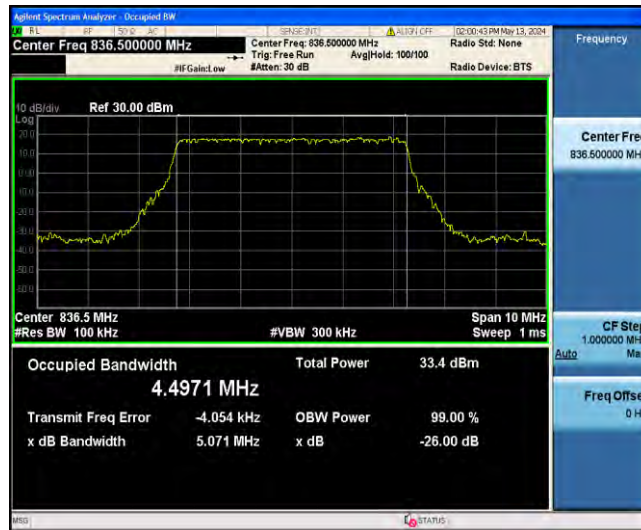
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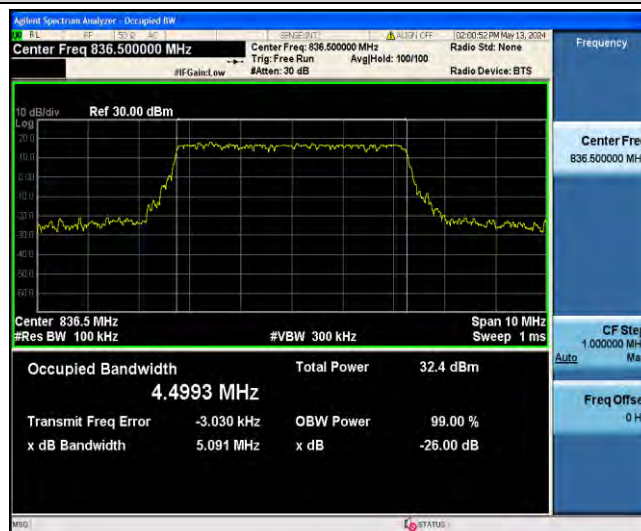
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1-N5-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.4943-5.116-≤5-PASS



1-N5-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.4971-5.071-≤5-PASS



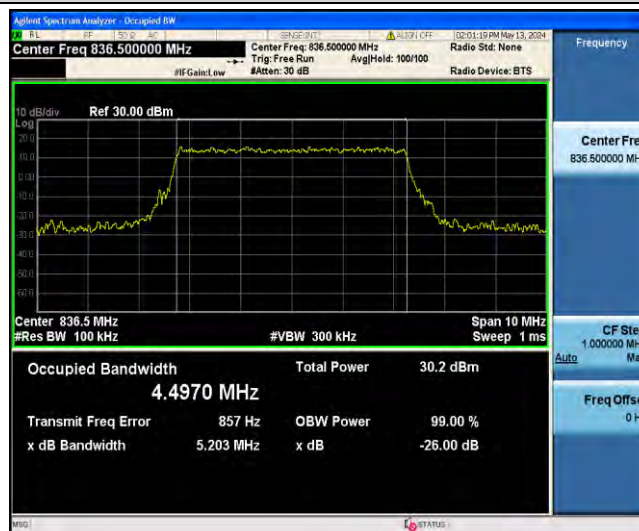
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1-N5-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.5130-5.068-≤5-PASS



1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5034-5.252-≤5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4970-5.203-≤5-PASS



1-N5-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5589-5.272-≤5-PASS



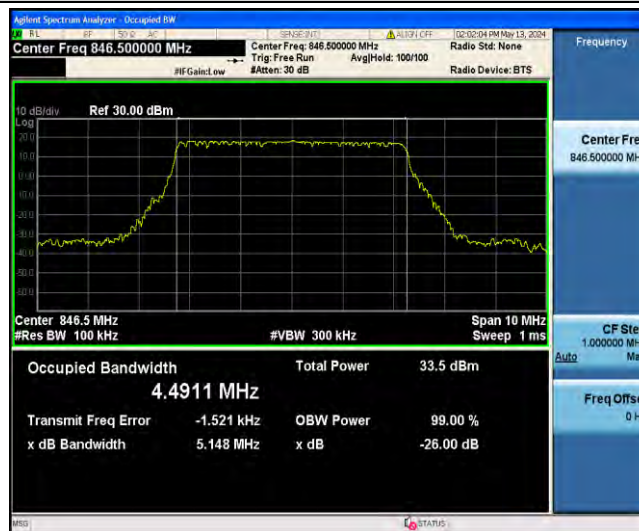
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1-N5-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.5148-5.267-≤5-PASS



1-N5-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.4786-5.094-≤5-PASS



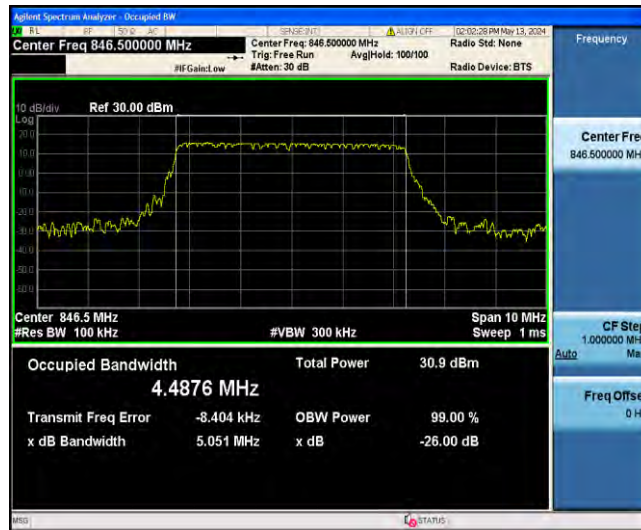
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1-N5-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.5060-5.254-≤5-PASS



1-N5-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.4908-5.133-≤5-PASS



1-N5-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.4876-5.051-≤5-PASS



1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4867-5.130-≤5-PASS



1-N5-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5139-5.094-≤5-PASS



1-N5-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.4926-5.136-≤5-PASS



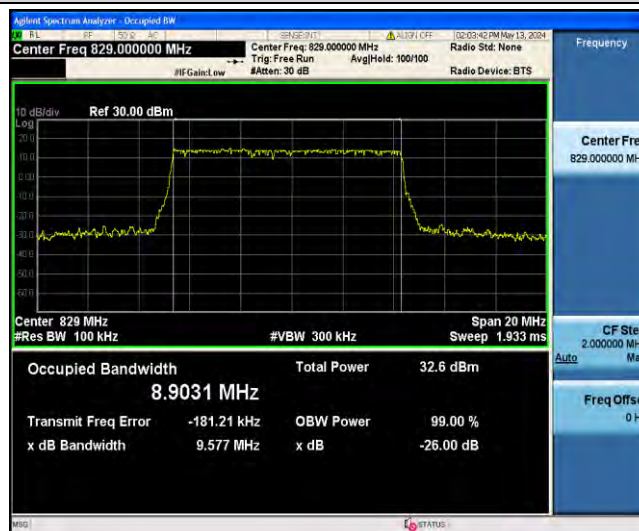
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1-N5-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.9195-9.735-≤10-PASS



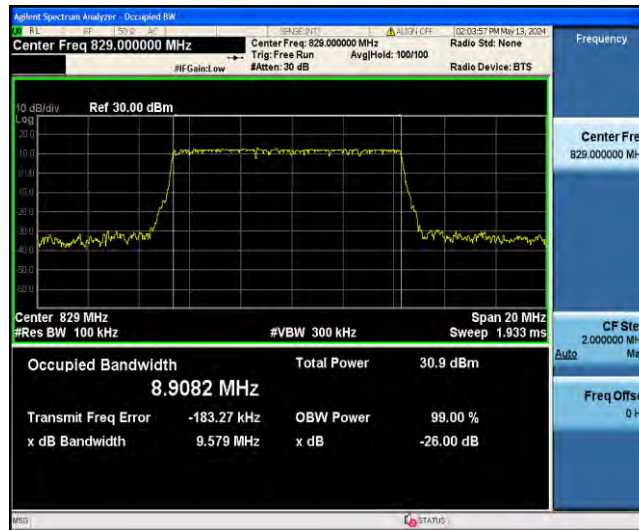
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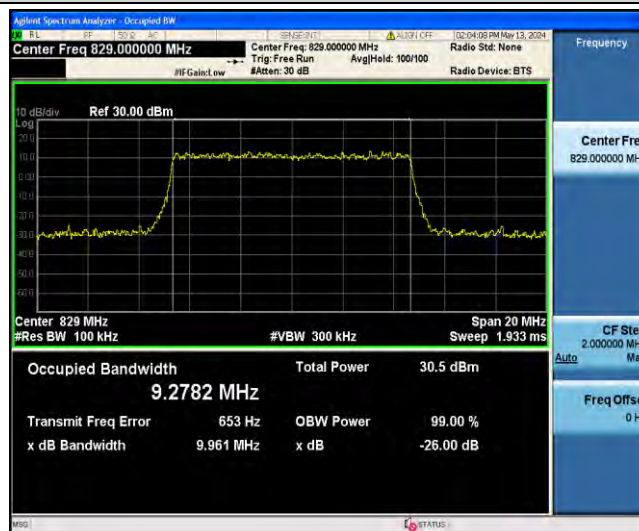
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1-N5-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.9238-9.589-≤10-PASS



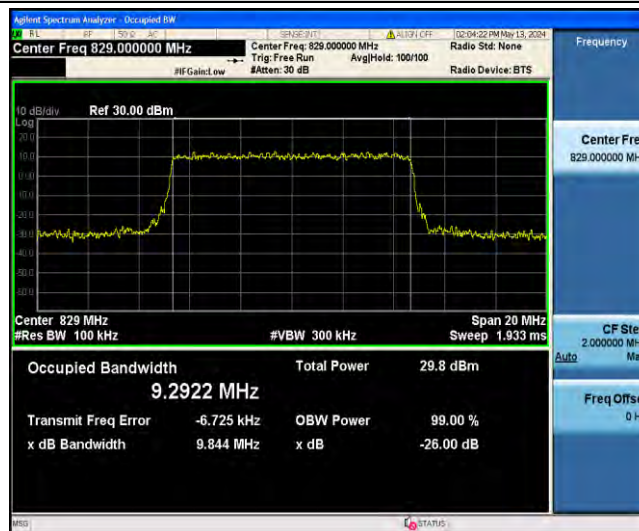
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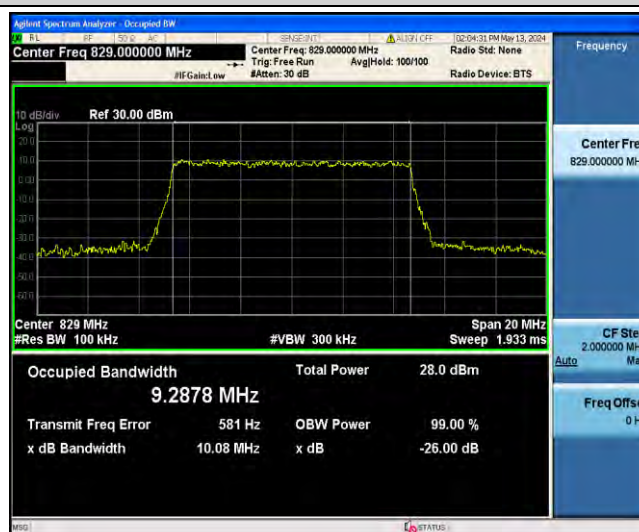
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1-N5-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.3010-9.954-≤10-PASS



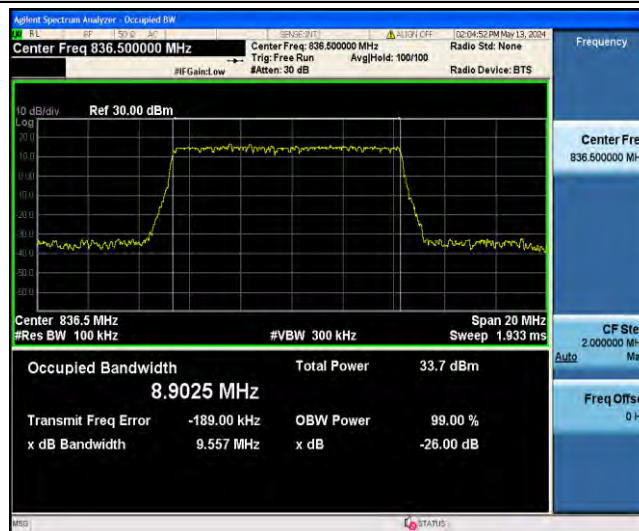
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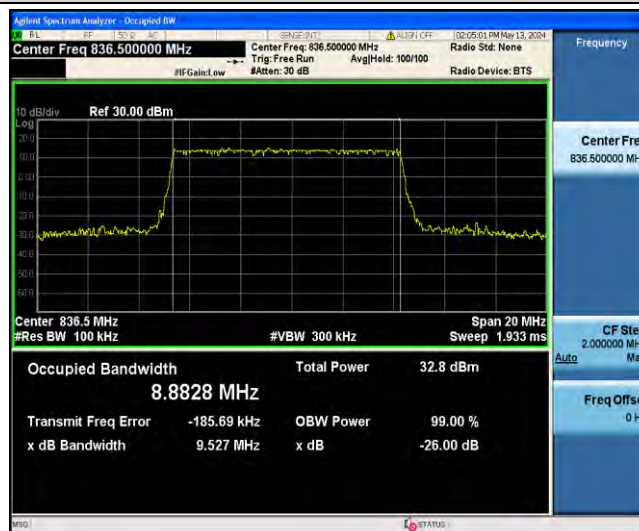
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1-N5-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.9106-9.597-≤10-PASS



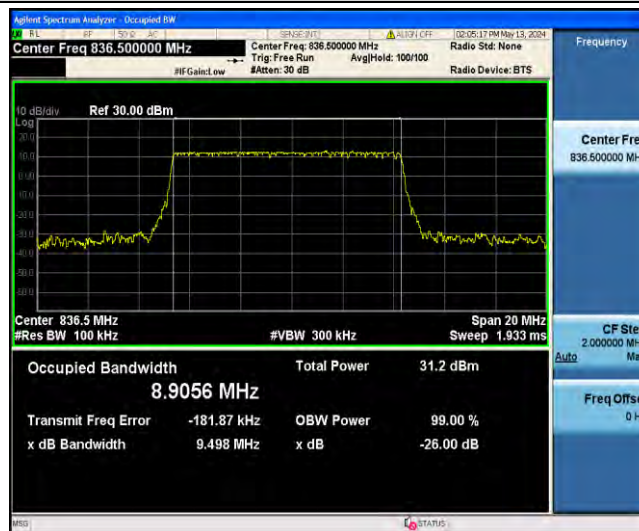
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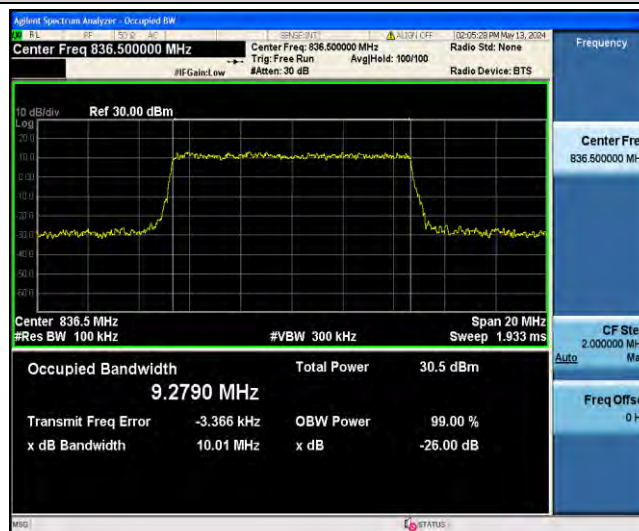
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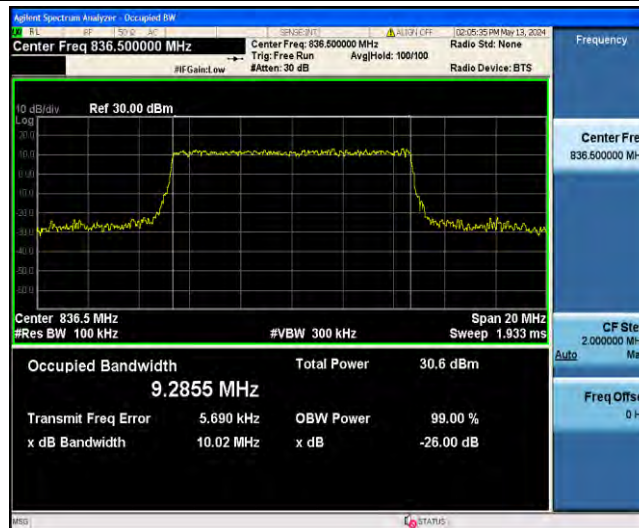
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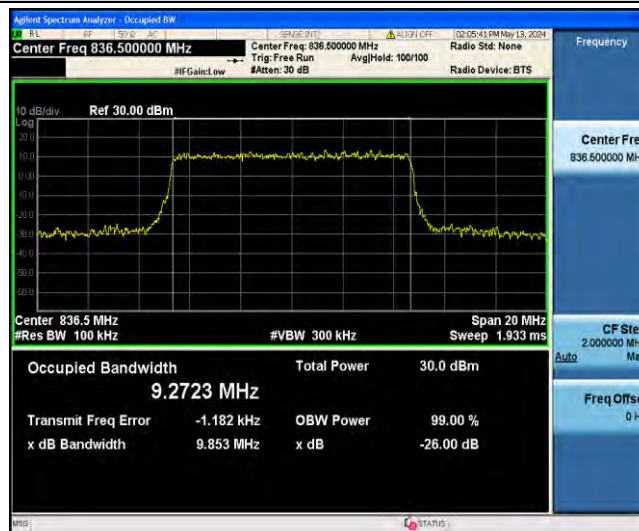
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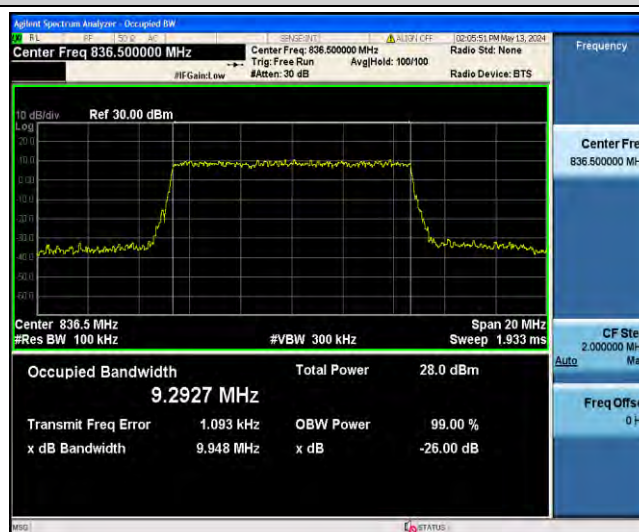
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1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.2855-10.02-≤10-PASS



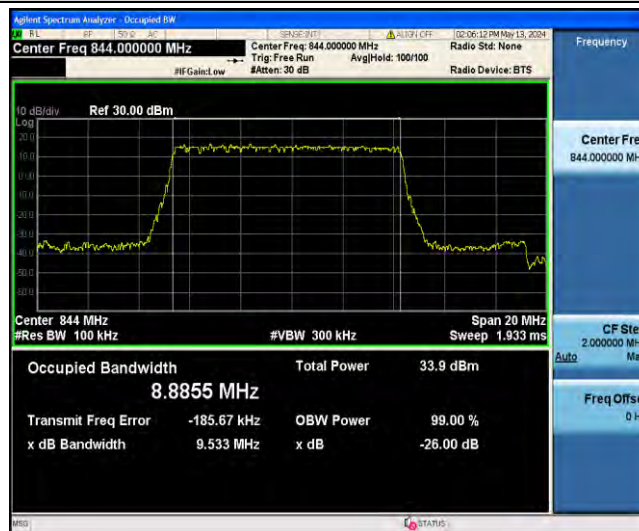
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1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.2927-9.948-≤10-PASS



1-N5-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.9090-9.637-≤10-PASS



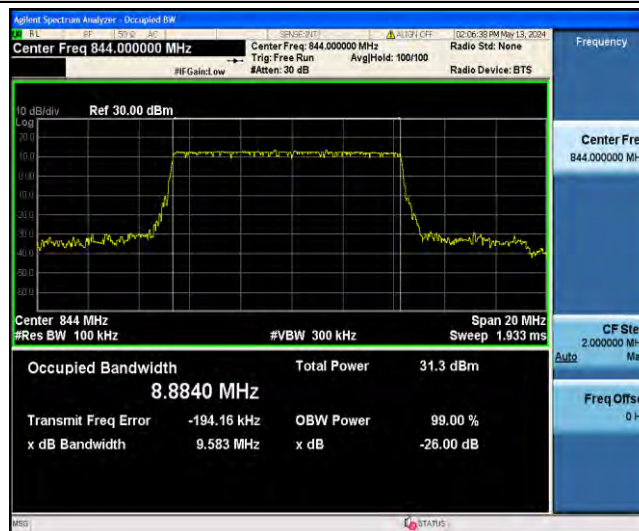
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1-N5-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.8836-9.602-≤10-PASS



1-N5-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.9056-9.586-≤10-PASS



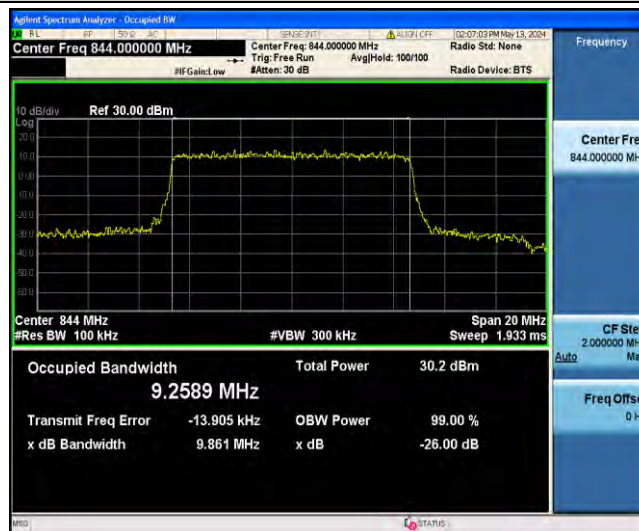
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1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.2695-10.12-≤10-PASS



1-N5-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.2858-9.824-≤10-PASS



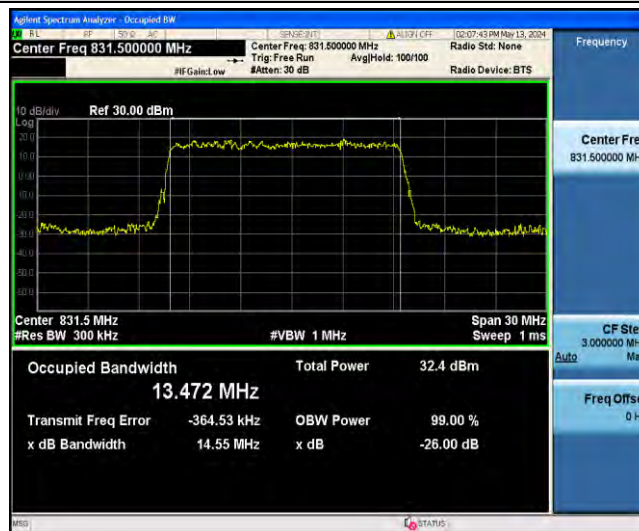
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1-N5-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.2866-9.973-≤10-PASS



1-N5-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.526-14.45-≤15-PASS



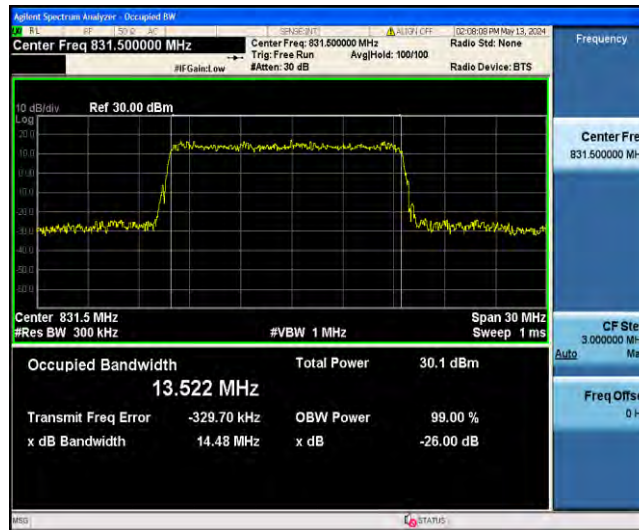
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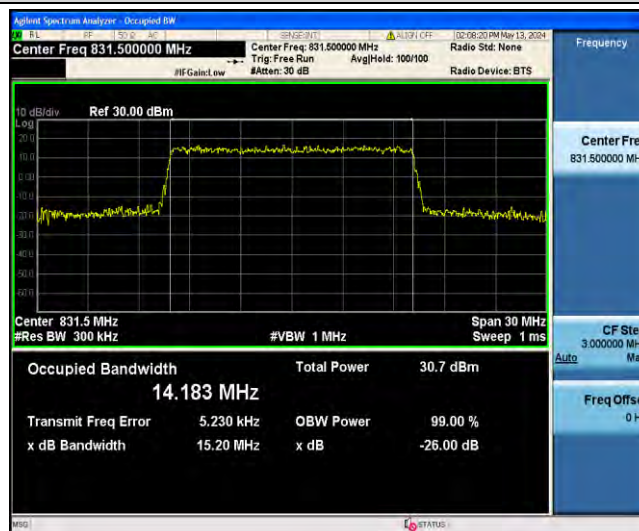
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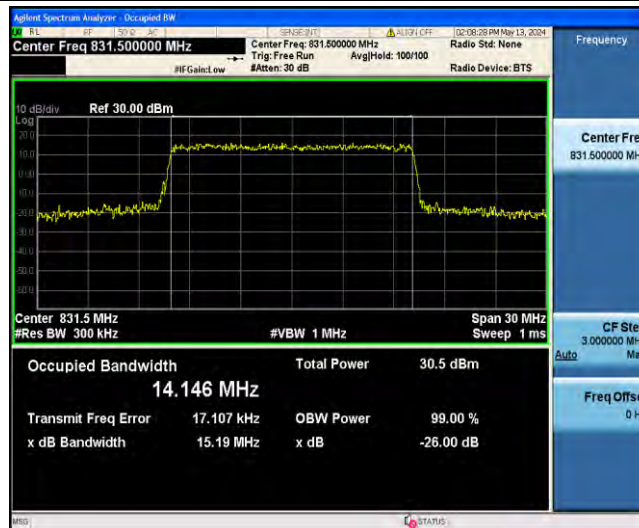
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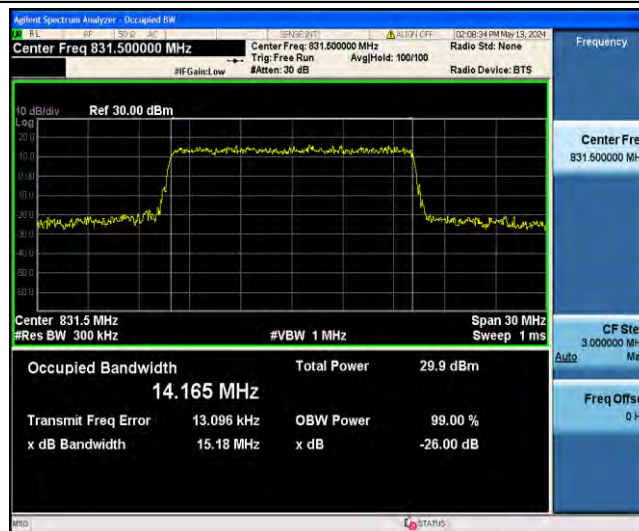
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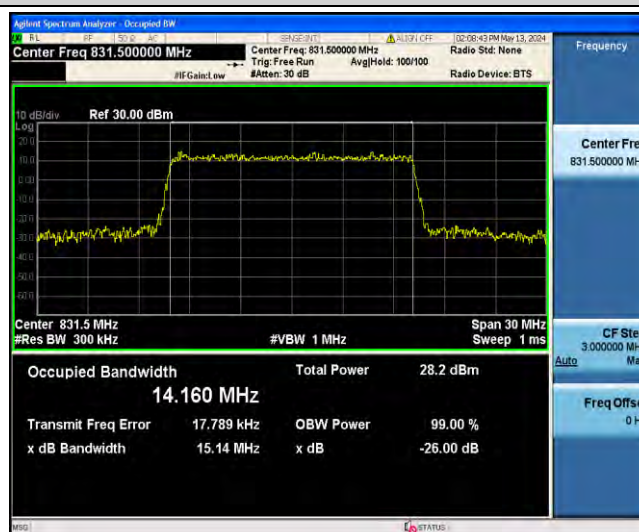
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1-N5-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.146-15.19-≤15-PASS



1-N5-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.165-15.18-≤15-PASS



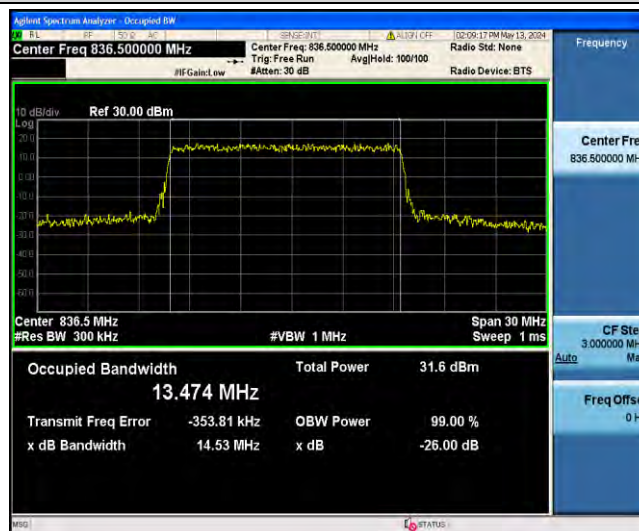
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1-N5-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.501-14.53-≤15-PASS



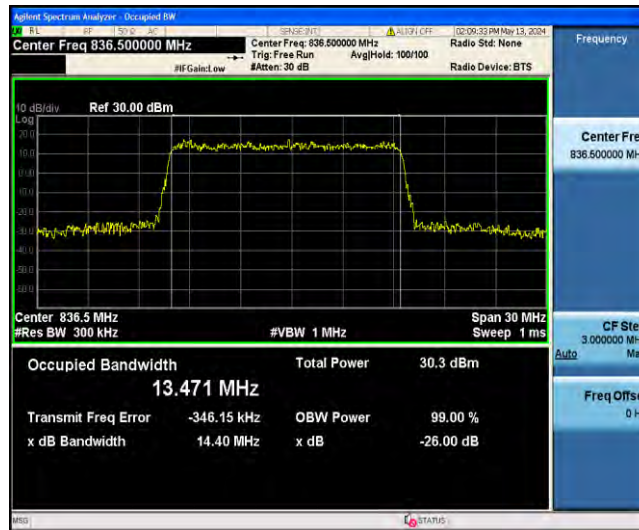
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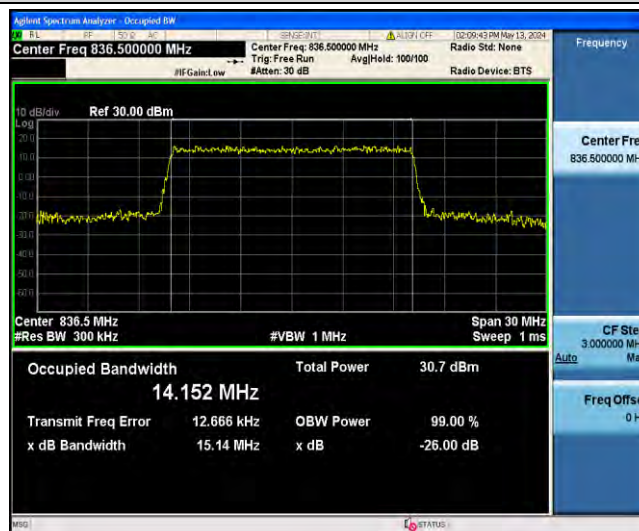
1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.474-14.53-≤15-PASS



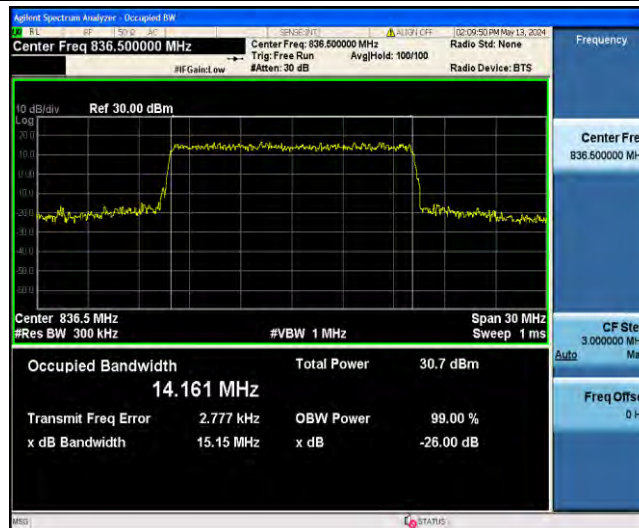
1-N5-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.466-14.40-≤15-PASS



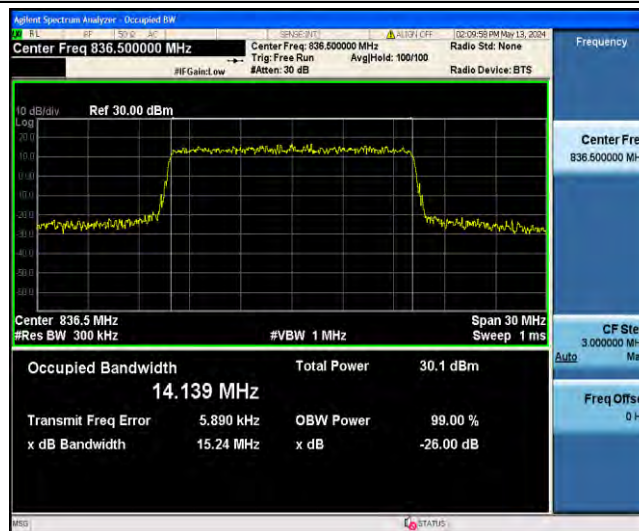
1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.471-14.40-≤15-PASS



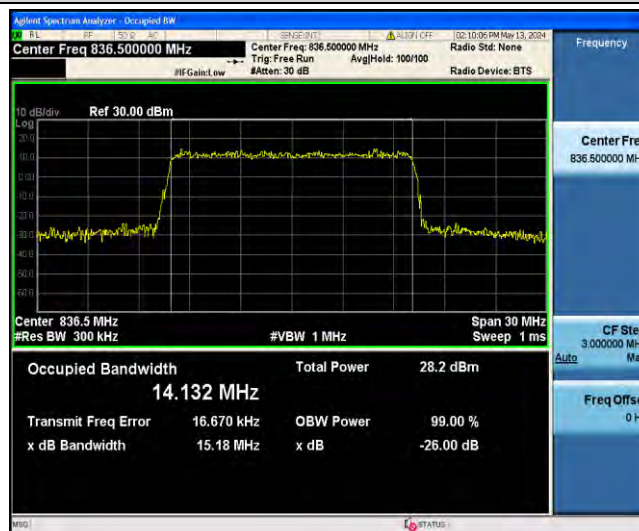
1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.152-15.14-≤15-PASS



1-N5-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.161-15.15-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.139-15.24-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.132-15.18-≤15-PASS



1-N5-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.455-14.50-≤15-PASS



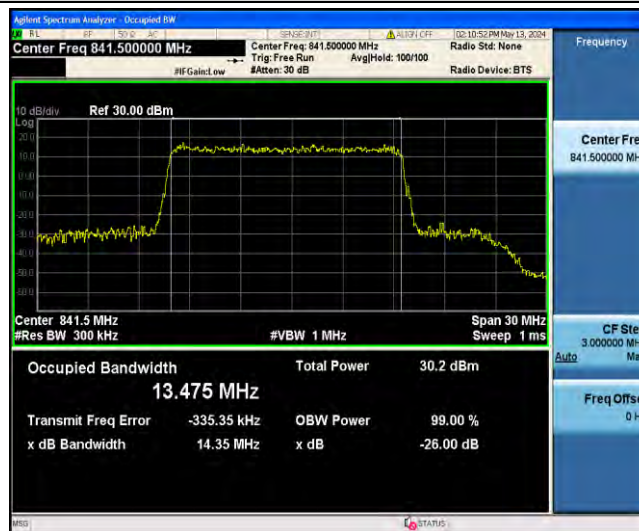
1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.458-14.35-≤15-PASS



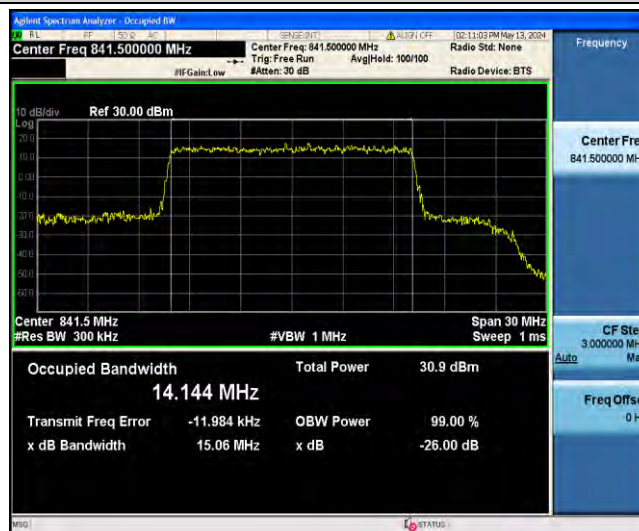
1-N5-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.482-14.49-≤15-PASS



1-N5-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.460-14.35-≤15-PASS



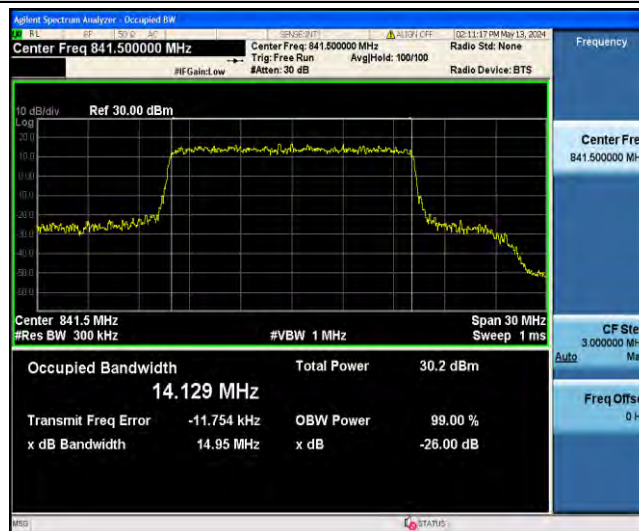
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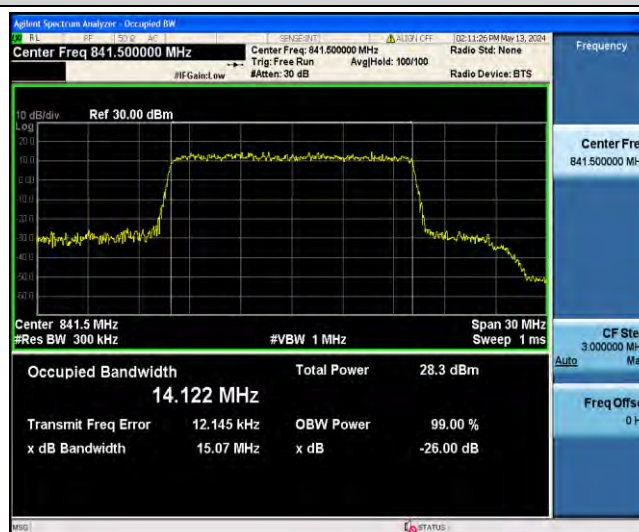
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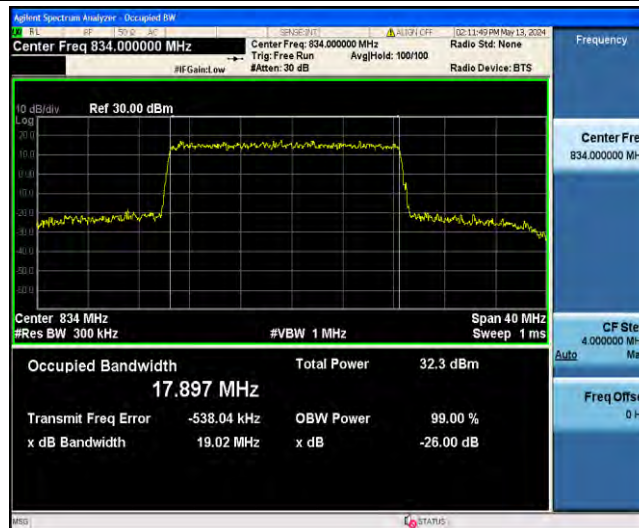
1-N5-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant1-14.129-15.16-≤15-PASS



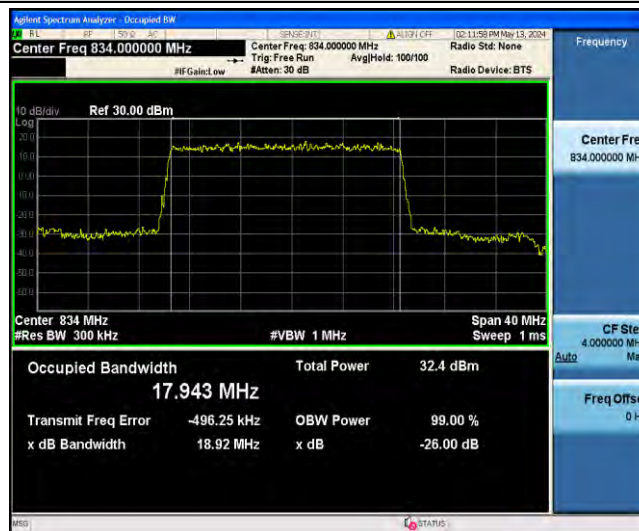
1-N5-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.129-14.95-≤15-PASS



1-N5-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant1-14.122-15.07-≤15-PASS



1-N5-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.897-19.02-≤20-PASS



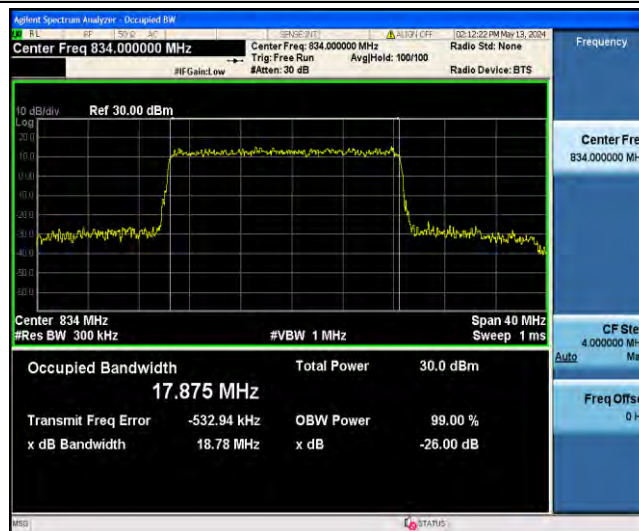
1-N5-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.943-18.92-≤20-PASS



1-N5-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.880-18.97-≤20-PASS



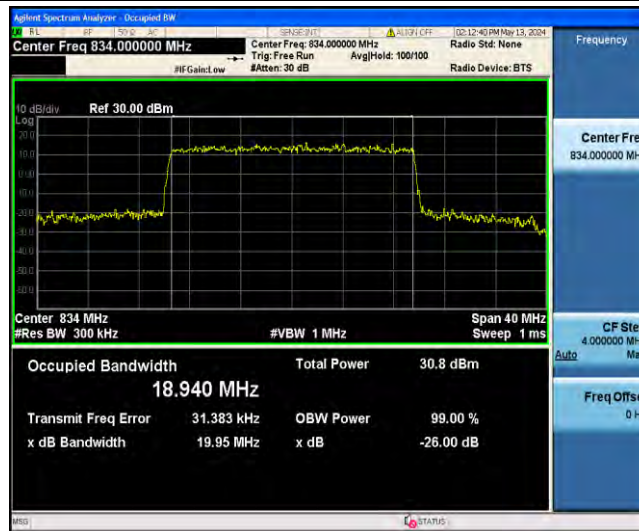
1-N5-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.886-18.92-≤20-PASS



1-N5-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.875-18.78-≤20-PASS



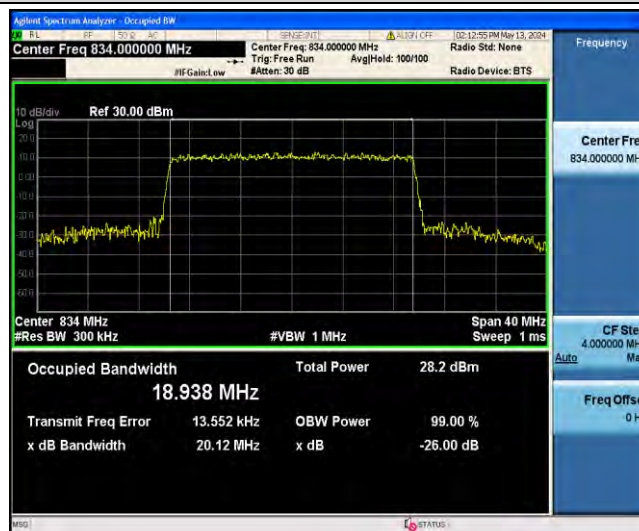
1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.914-19.90-≤20-PASS



1-N5-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.940-19.95-≤20-PASS



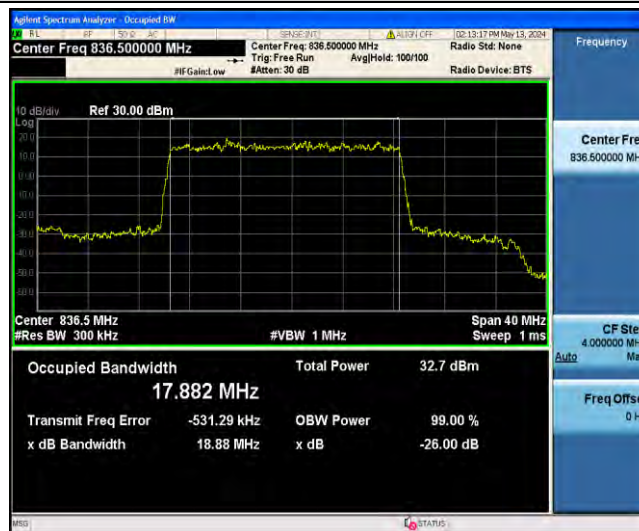
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1-N5-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.938-20.12-≤20-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.870-18.92-≤20-PASS



1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.882-18.88-≤20-PASS



1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.860-18.86-≤20-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.902-18.92-≤20-PASS



1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.907-18.94-≤20-PASS



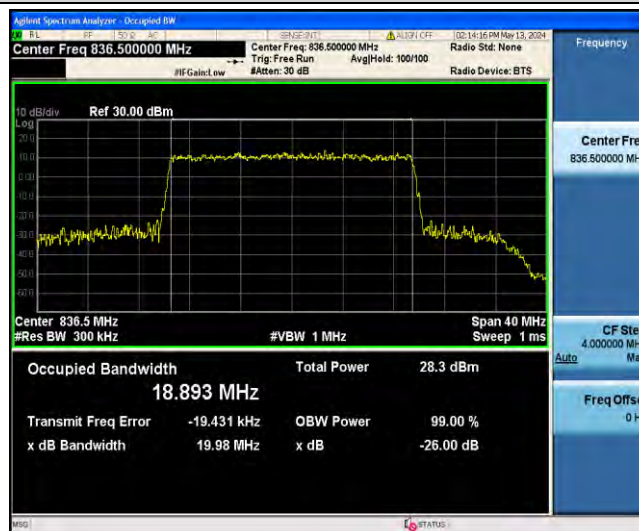
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1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-18.965-20.09-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.919-19.95-≤20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-18.893-19.98-≤20-PASS



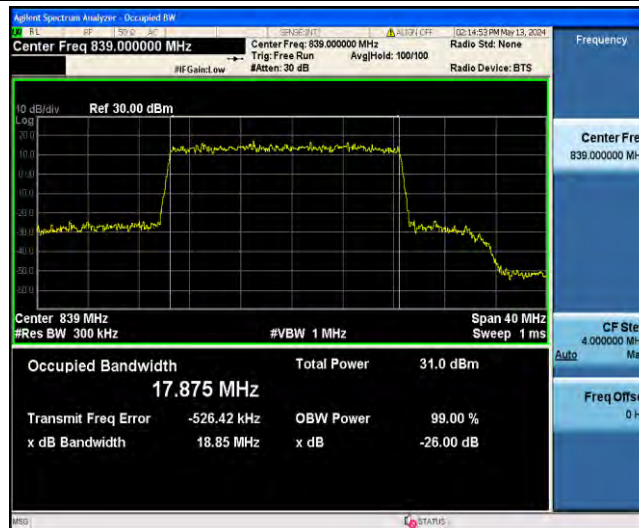
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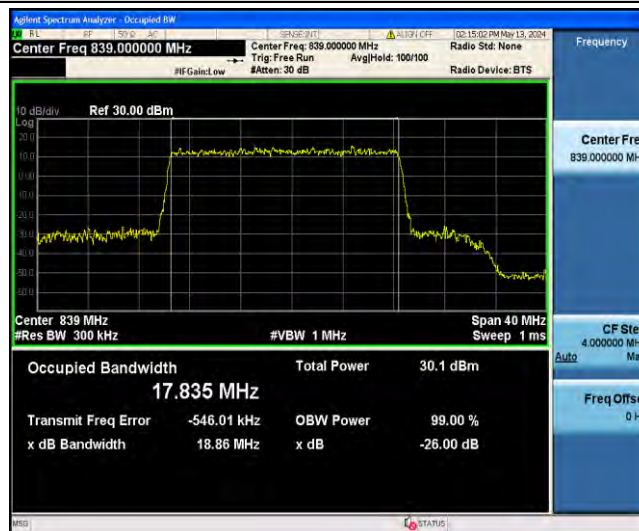
1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.870-18.78-≤20-PASS



1-N5-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.896-18.99-≤20-PASS



1-N5-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.875-18.85-≤20-PASS



1-N5-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.835-18.86-≤20-PASS



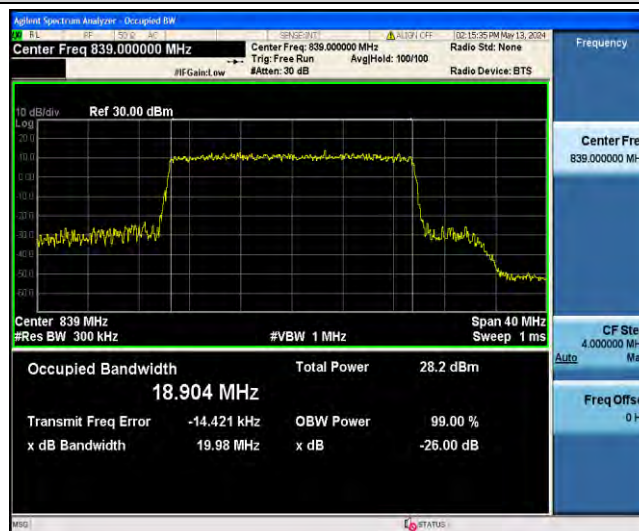
1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.914-19.97-≤20-PASS



1-N5-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.887-19.88-≤20-PASS



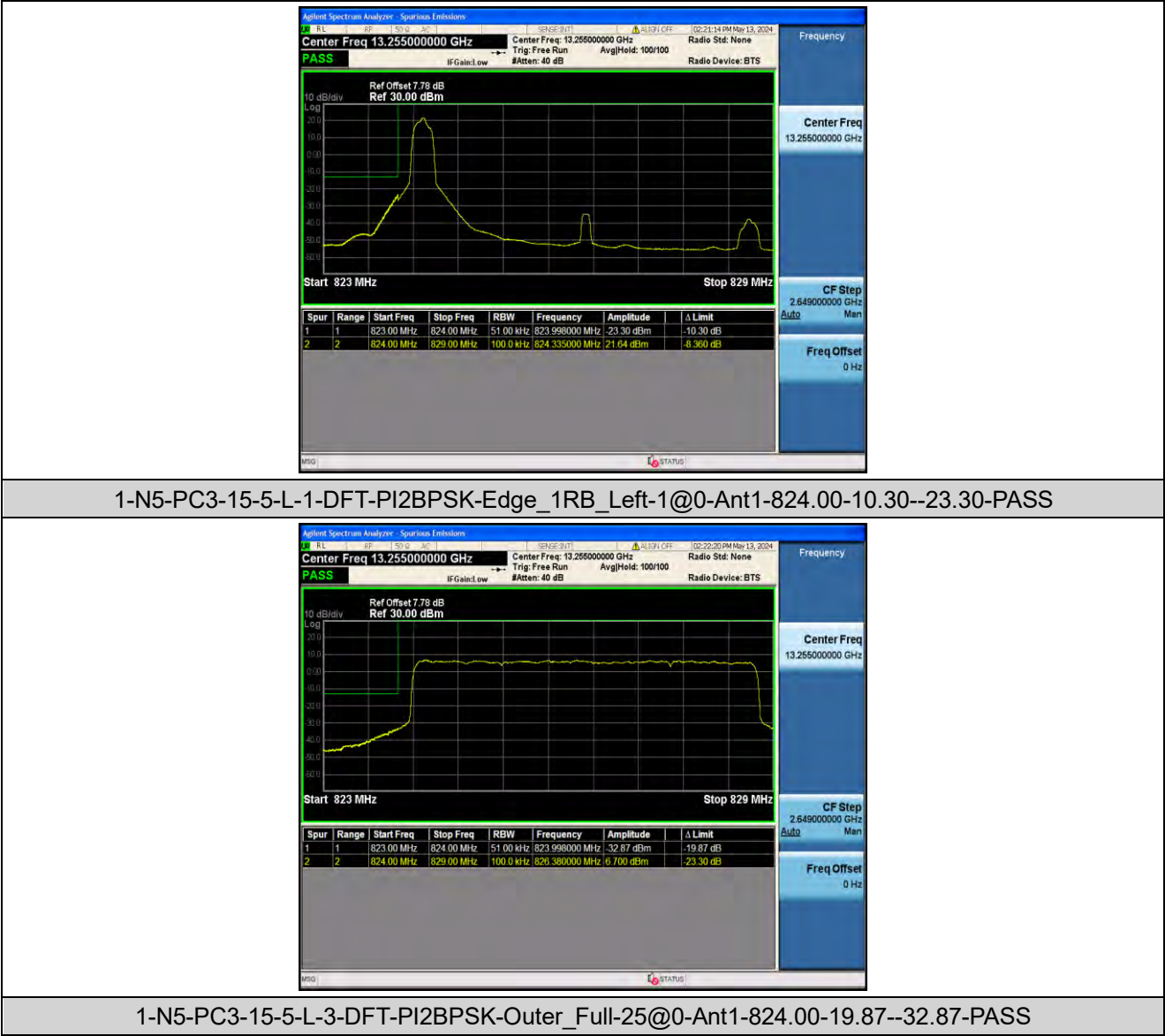
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1-N5-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.904-19.98-≤20-PASS

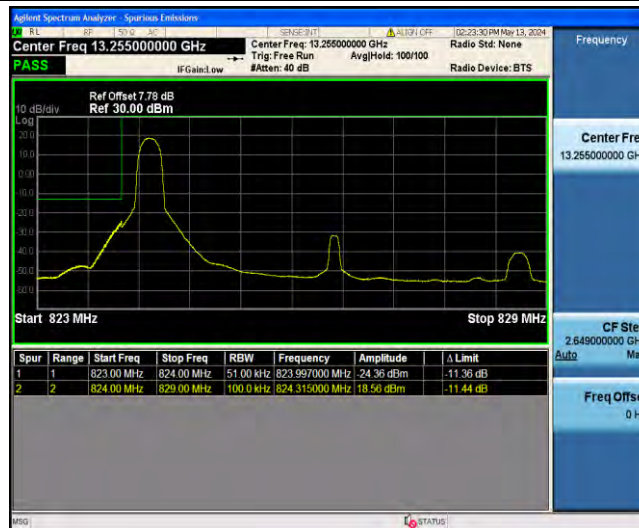
Band Edge for SA

Test Graphs

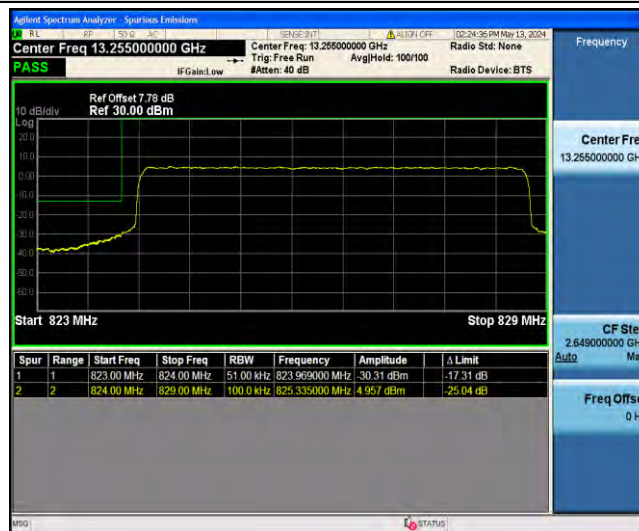


1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-824.00-10.30--23.30-PASS

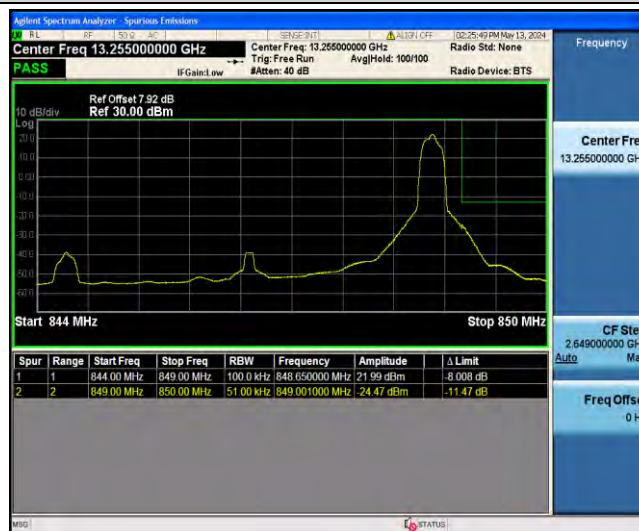
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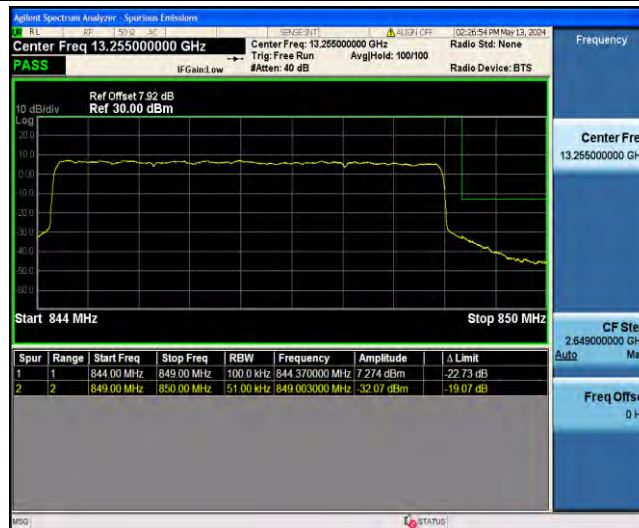
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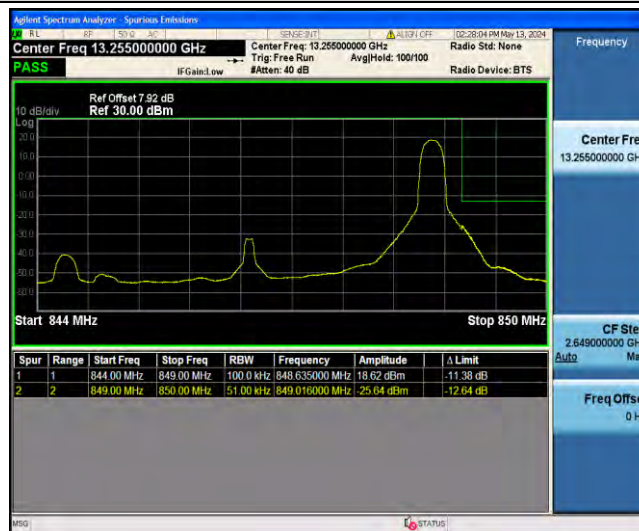
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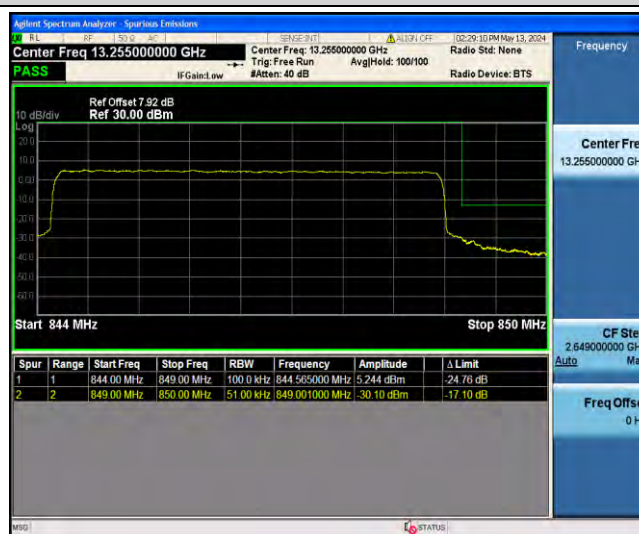
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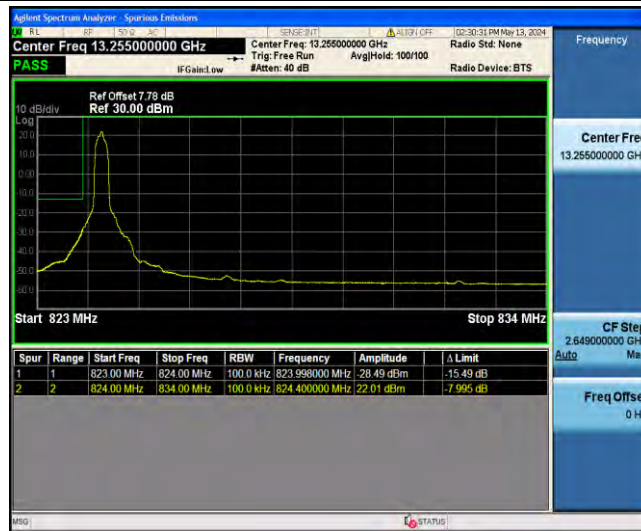
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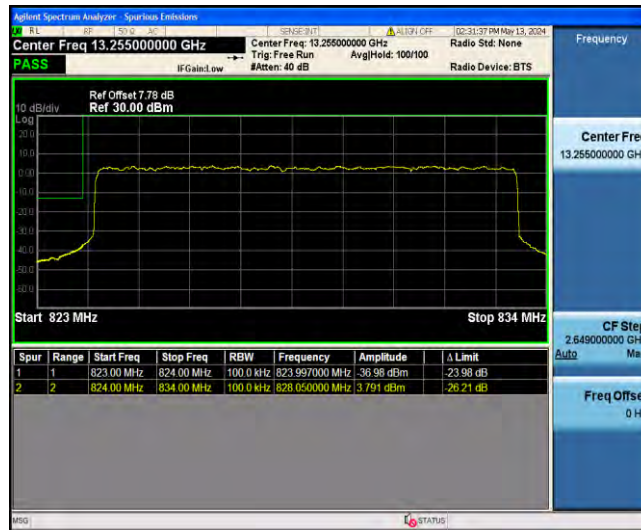
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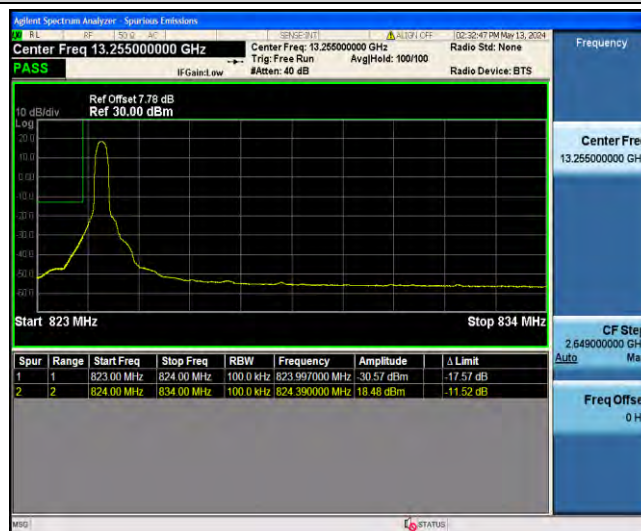
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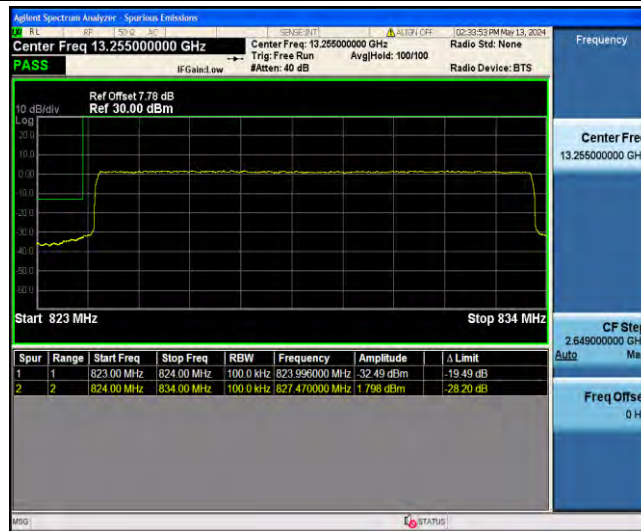
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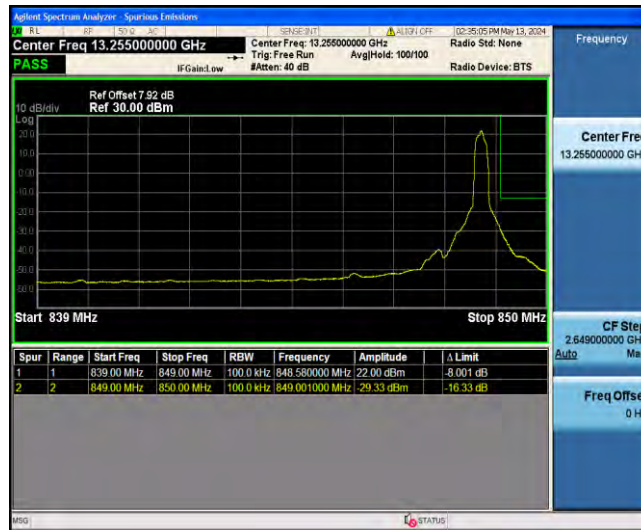
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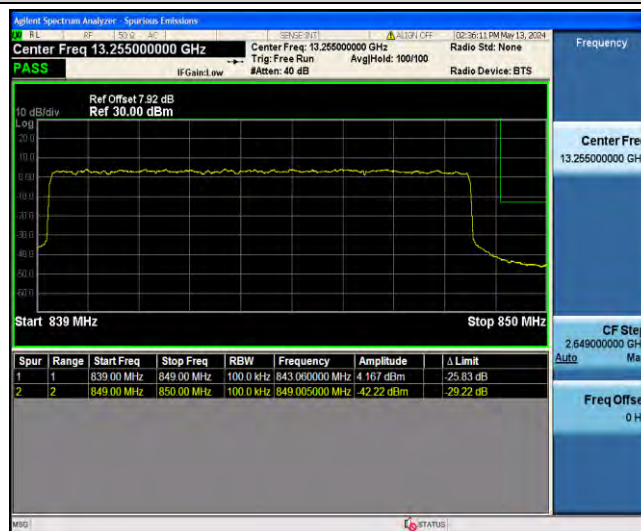
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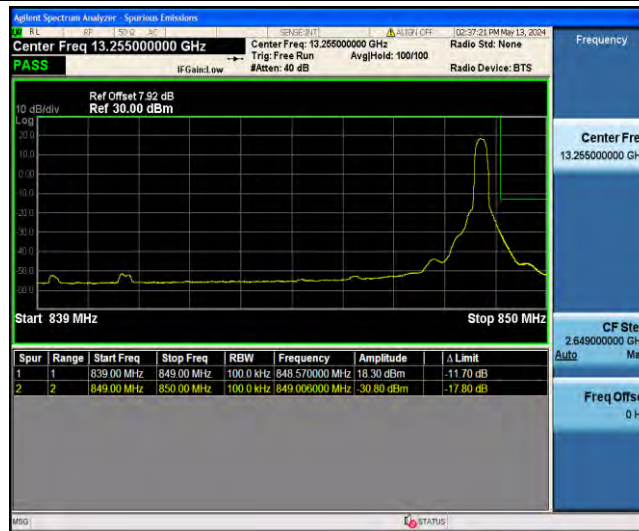
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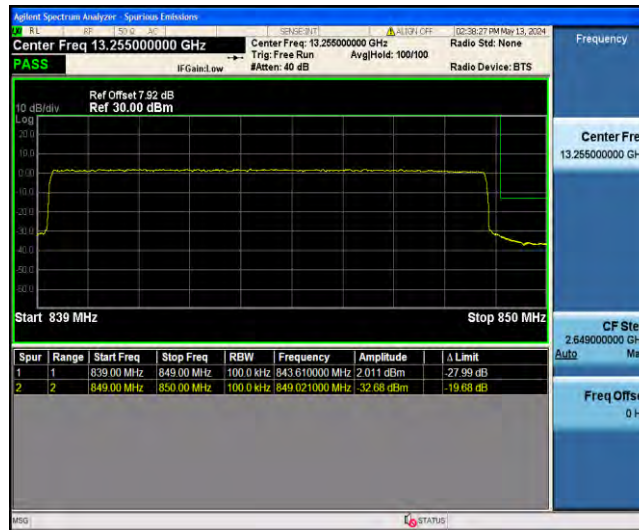
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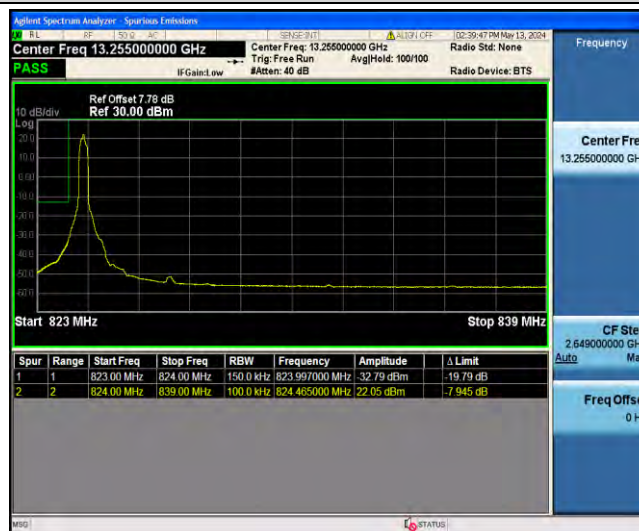
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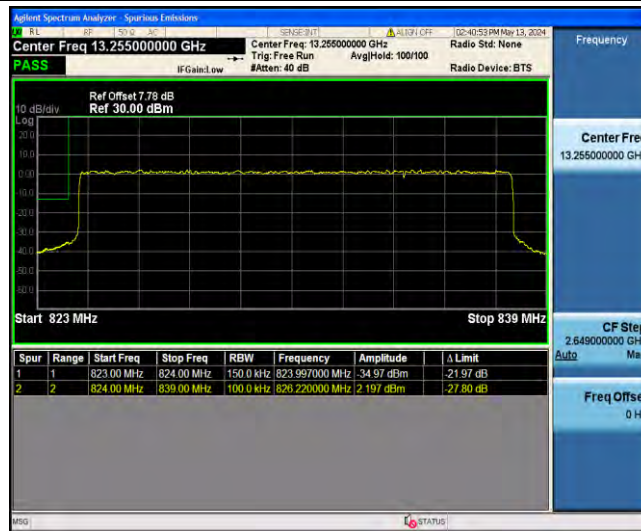
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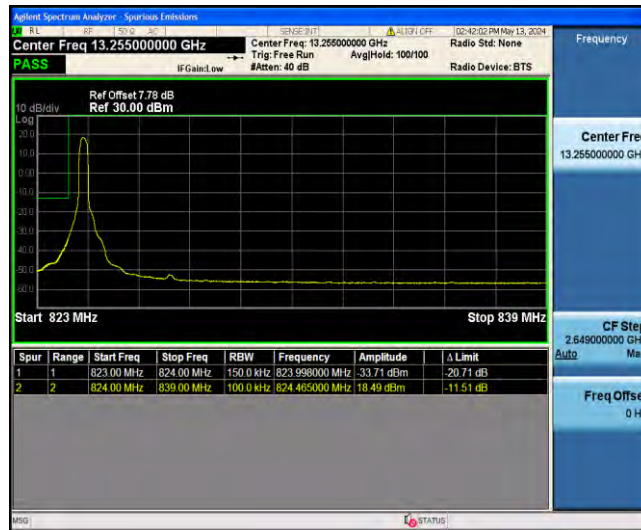
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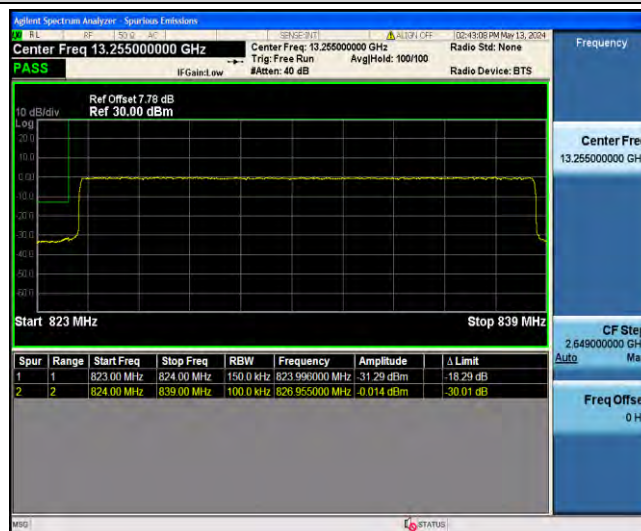
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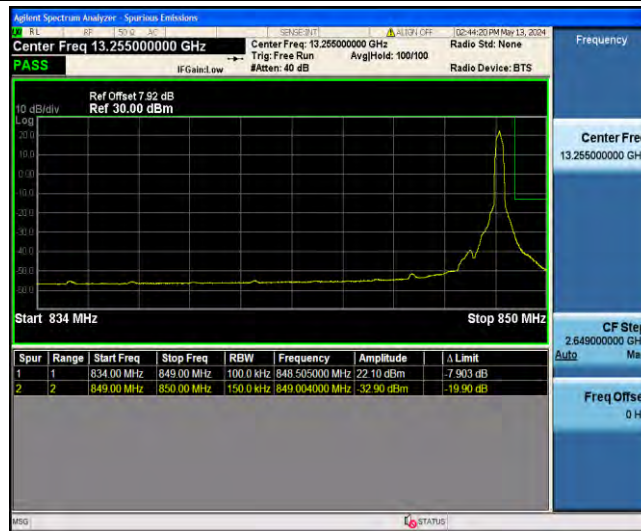
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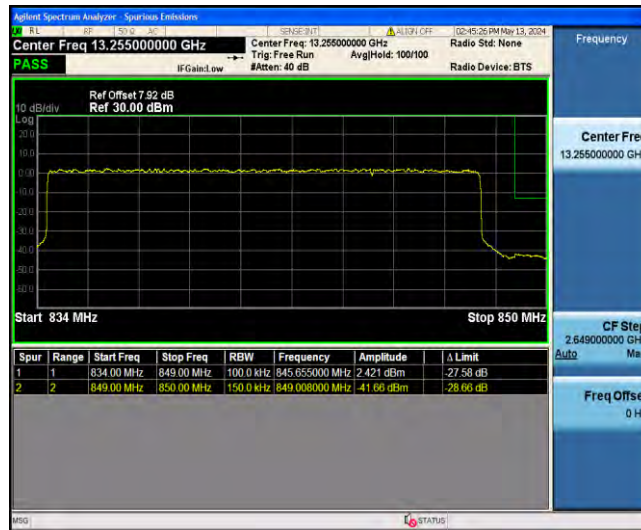
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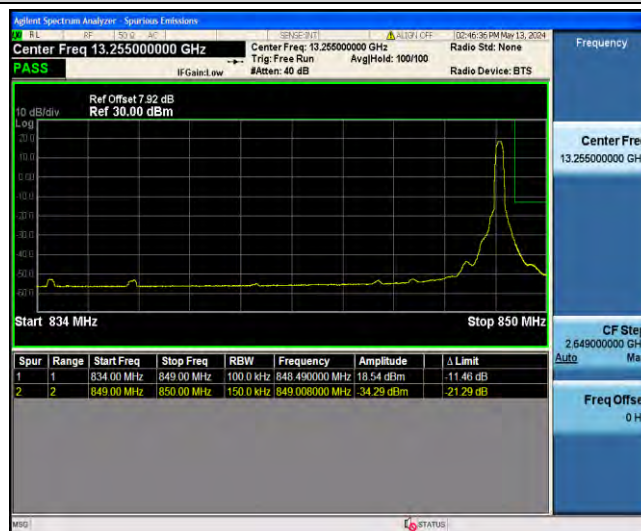
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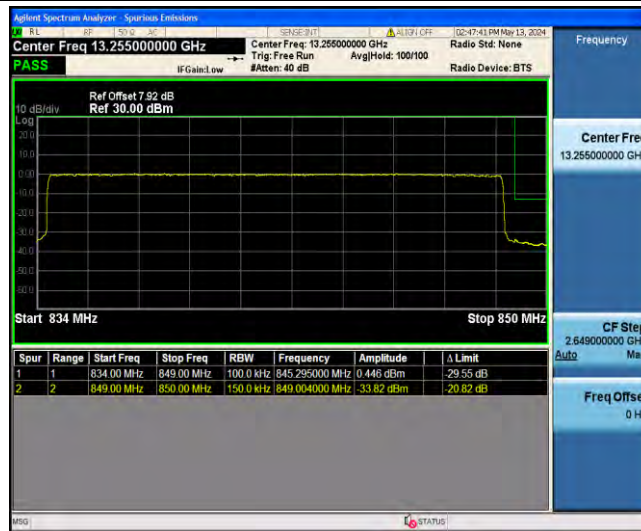
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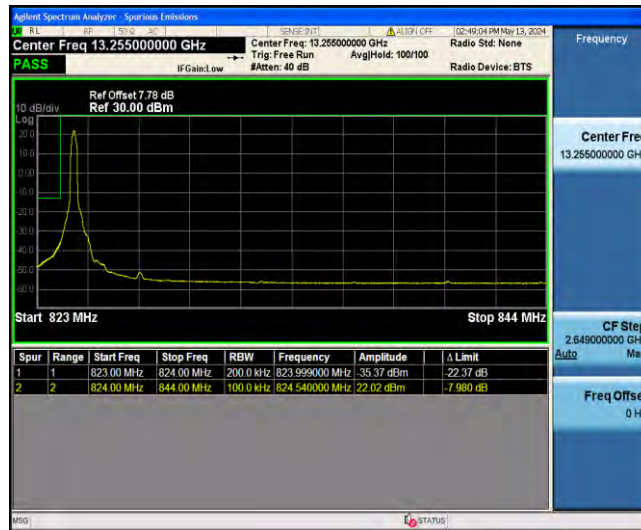
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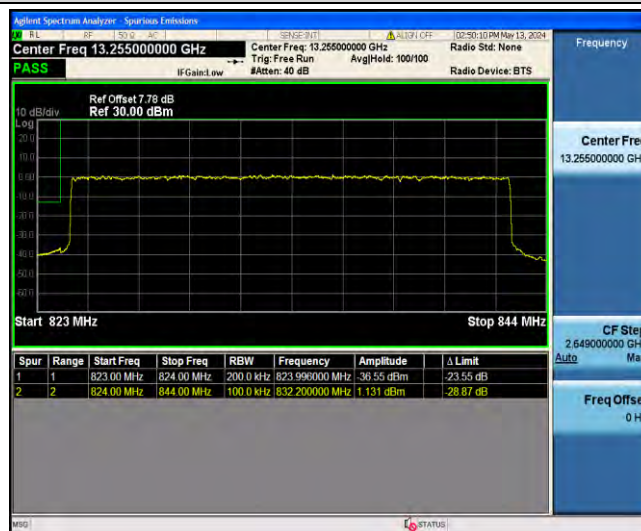
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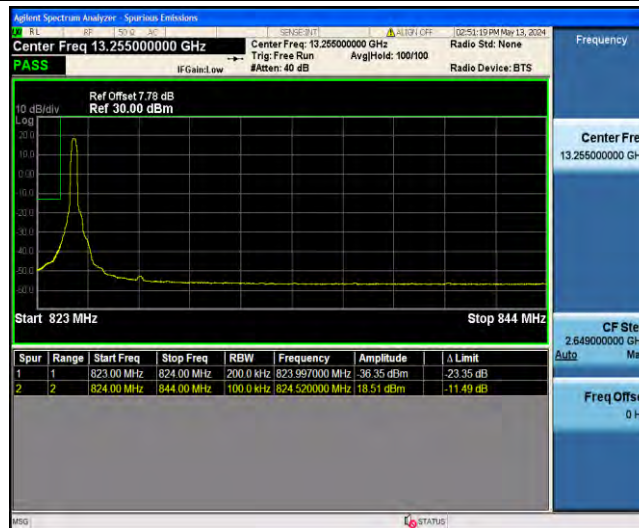
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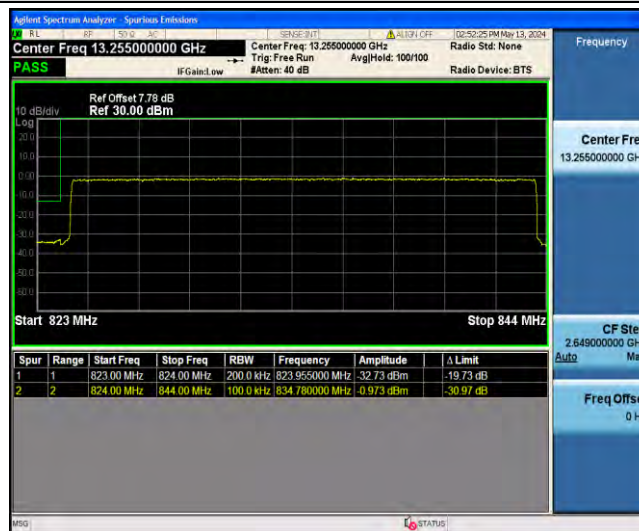
1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-824.00-22.37--35.37-PASS



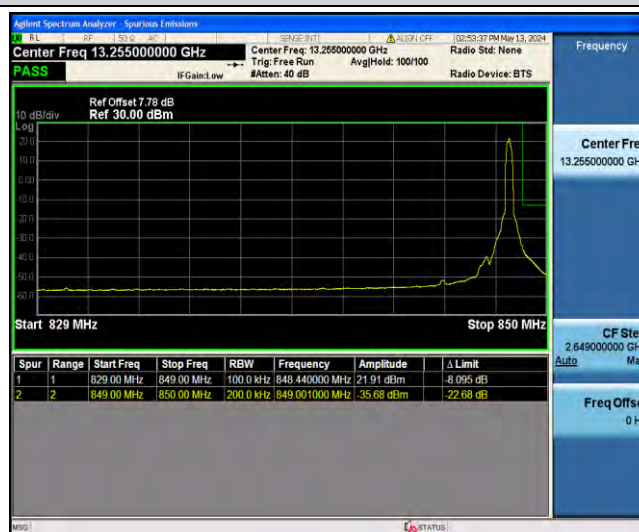
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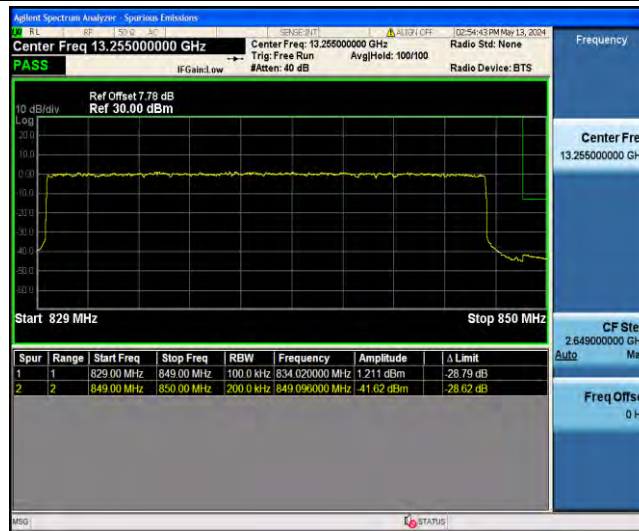
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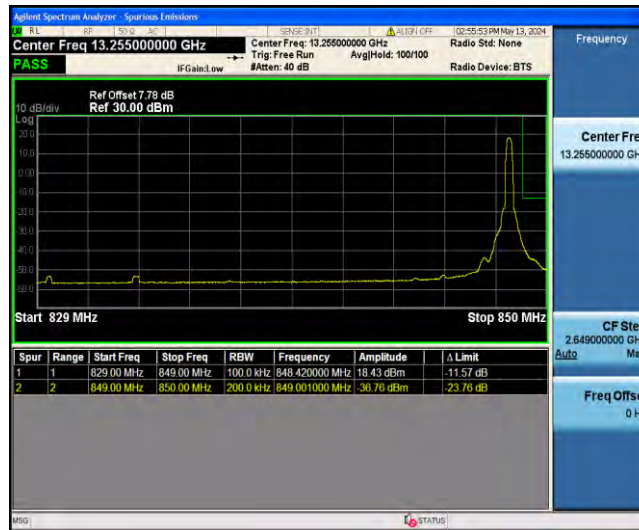
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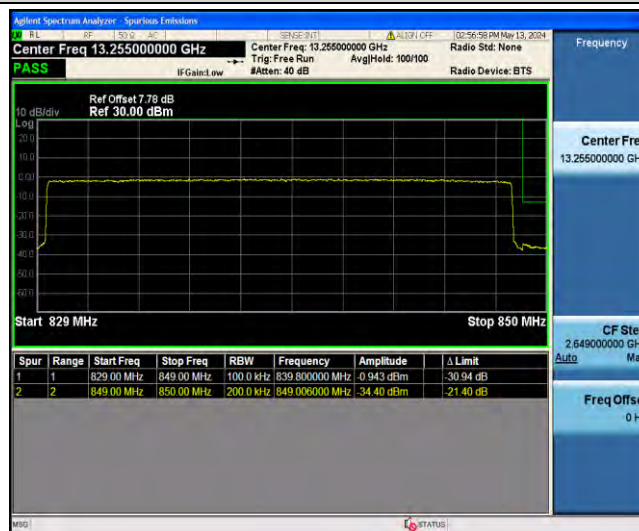
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1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outet_Full-100@0-Ant1-849.10-28.62--41.62-PASS



1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-849.00-23.76--36.76-PASS



1-N5-PC3-15-20-H-6-CP-QPSK-Outet_Full-106@0-Ant1-849.01-21.40--34.40-PASS

Conducted Spurious Emission for SA

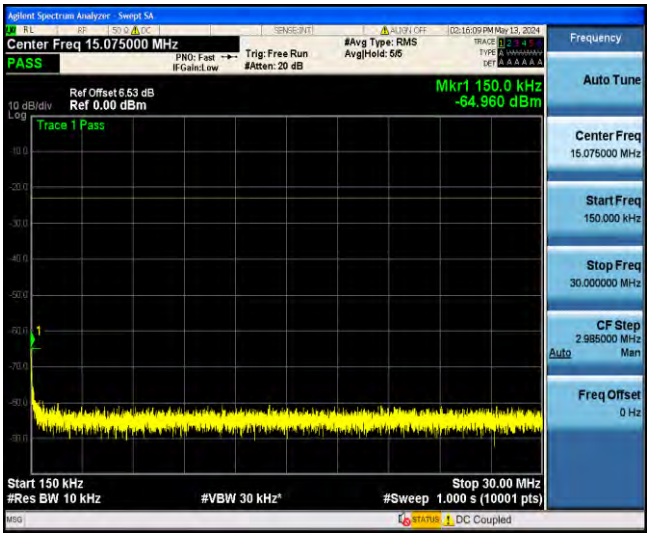
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N5	15	20	DFT-PI2BPSK	L	0.009	0.15	1@1	-65.96	-33	PASS
N5	15	20	DFT-PI2BPSK	L	0.15	30	1@1	-64.96	-23	PASS
N5	15	20	DFT-PI2BPSK	L	30	1000	1@1	-47.84	-13	PASS
N5	15	20	DFT-PI2BPSK	L	1000	3000	1@1	-38.71	-13	PASS
N5	15	20	DFT-PI2BPSK	L	3000	12000	1@1	-46.80	-13	PASS
N5	15	20	DFT-PI2BPSK	L	12000	20000	1@1	-43.70	-13	PASS
N5	15	20	DFT-PI2BPSK	M	0.009	0.15	1@1	-63.89	-33	PASS
N5	15	20	DFT-PI2BPSK	M	0.15	30	1@1	-56.54	-23	PASS
N5	15	20	DFT-PI2BPSK	M	30	1000	1@1	-53.94	-13	PASS
N5	15	20	DFT-PI2BPSK	M	1000	3000	1@1	-38.83	-13	PASS
N5	15	20	DFT-PI2BPSK	M	3000	12000	1@1	-46.67	-13	PASS
N5	15	20	DFT-PI2BPSK	M	12000	20000	1@1	-43.81	-13	PASS
N5	15	20	DFT-PI2BPSK	H	0.009	0.15	1@1	-66.20	-33	PASS
N5	15	20	DFT-PI2BPSK	H	0.15	30	1@1	-62.88	-23	PASS
N5	15	20	DFT-PI2BPSK	H	30	1000	1@1	-54.43	-13	PASS
N5	15	20	DFT-PI2BPSK	H	1000	3000	1@1	-38.89	-13	PASS
N5	15	20	DFT-PI2BPSK	H	3000	12000	1@1	-46.76	-13	PASS
N5	15	20	DFT-PI2BPSK	H	12000	20000	1@1	-43.49	-13	PASS

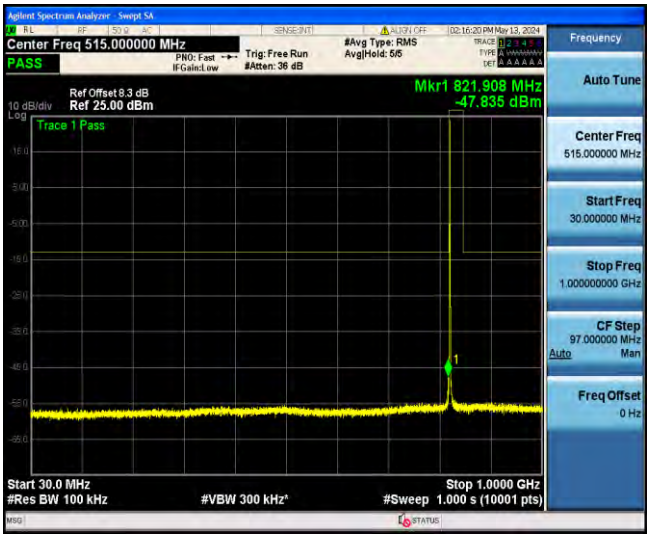
Test Graphs



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--65.96--33-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--64.96--23-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-821.91--47.84--13-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2673.00--38.71--13-PAS

S



1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5889.45--46.80--13-PA

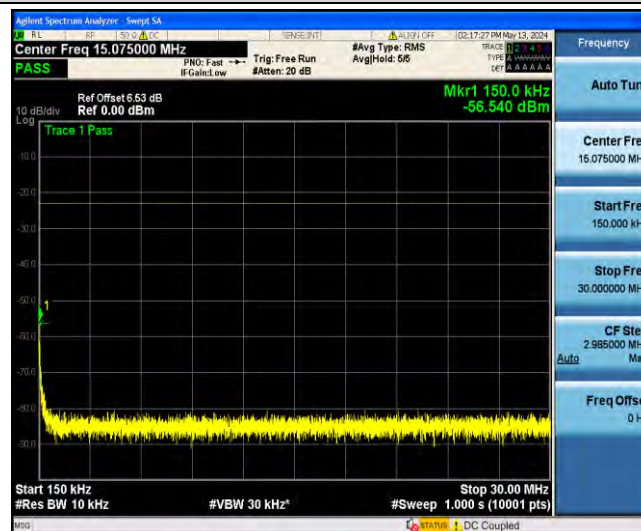
SS



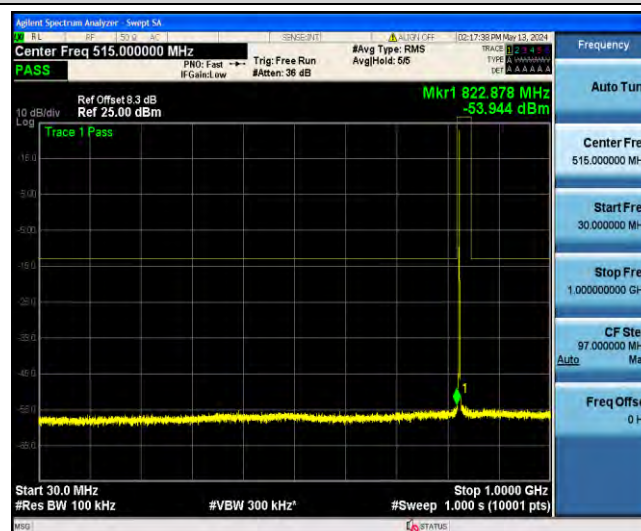
1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18765.60--43.70--13-P
ASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--63.89--33-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--56.54--23-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-822.88--53.94--13-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2681.00--38.83--13-PAS
S



1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5868.30--46.67--13-PA
SS

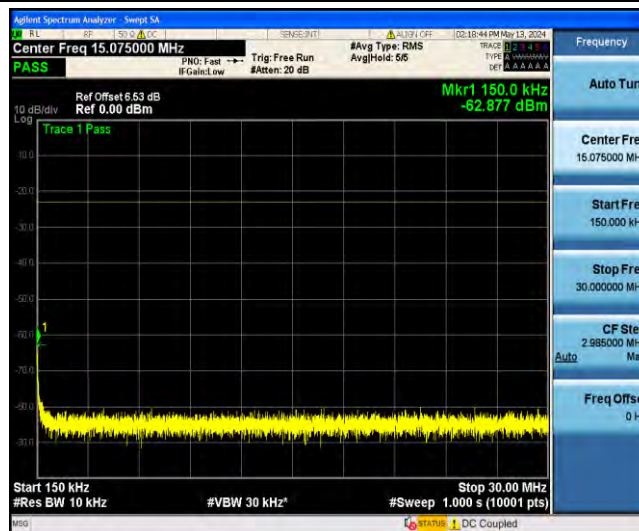


1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18708.00--43.81--13-

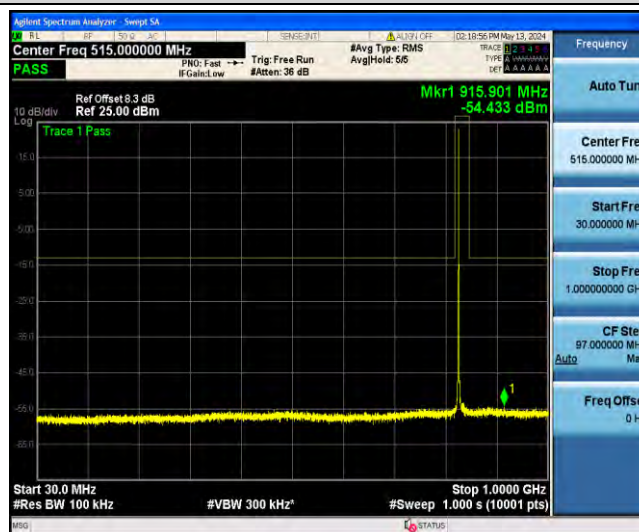
PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--66.20--33-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--62.88--23-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-915.90--54.43--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2665.80--38.89--13-PAS
S



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5759.85--46.76--13-PA
SS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18786.00--43.49--13-P

ASS

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	-71.38	-13	-58.38	-74.26	2.62	5.5	Horizontal	Pass
2475.0	-69.91	-13	-56.91	-72.61	3.06	5.76	Horizontal	Pass
3300.0	-67.66	-13	-54.66	-72.03	3.3	7.67	Horizontal	Pass
1650.0	-69.58	-13	-56.58	-72.46	2.62	5.5	Vertical	Pass
2475.0	-69.47	-13	-56.47	-72.17	3.06	5.76	Vertical	Pass
3300.0	-67.94	-13	-54.94	-72.31	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	-68.96	-13	-55.96	-71.83	2.62	5.49	Horizontal	Pass
2482.5	-69.49	-13	-56.49	-72.2	3.07	5.78	Horizontal	Pass
3310.0	-67.7	-13	-54.7	-72.1	3.3	7.7	Horizontal	Pass
1655.0	-68.69	-13	-55.69	-71.56	2.62	5.49	Vertical	Pass
2482.5	-69.76	-13	-56.76	-72.47	3.07	5.78	Vertical	Pass
3310.0	-68.1	-13	-55.1	-72.5	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	-70.21	-13	-57.21	-73.07	2.62	5.48	Horizontal	Pass
2490.0	-69.45	-13	-56.45	-72.18	3.07	5.8	Horizontal	Pass
3320.0	-67.31	-13	-54.31	-71.72	3.31	7.72	Horizontal	Pass
1660.0	-68.12	-13	-55.12	-70.98	2.62	5.48	Vertical	Pass
2490.0	-69.59	-13	-56.59	-72.32	3.07	5.8	Vertical	Pass
3320.0	-67.54	-13	-54.54	-71.95	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	-67.59	-13	-54.59	-71.96	3.3	7.67	Horizontal	Pass
4125.0	-65.93	-13	-52.93	-70.94	3.97	8.98	Horizontal	Pass
4950.0	-63.31	-13	-50.31	-68.83	4.55	10.07	Horizontal	Pass
3300.0	-67.03	-13	-54.03	-71.4	3.3	7.67	Vertical	Pass
4125.0	-65.27	-13	-52.27	-70.28	3.97	8.98	Vertical	Pass
4950.0	-63.42	-13	-50.42	-68.94	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	-67.39	-13	-54.39	-71.79	3.3	7.7	Horizontal	Pass
4137.5	-65.95	-13	-52.95	-70.96	3.98	8.99	Horizontal	Pass
4965.0	-63.4	-13	-50.4	-68.94	4.55	10.09	Horizontal	Pass
3310.0	-67.09	-13	-54.09	-71.49	3.3	7.7	Vertical	Pass
4137.5	-66.1	-13	-53.1	-71.11	3.98	8.99	Vertical	Pass
4965.0	-63.38	-13	-50.38	-68.92	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	-67.69	-13	-54.69	-72.1	3.31	7.72	Horizontal	Pass
4150.0	-66.45	-13	-53.45	-71.47	3.99	9.01	Horizontal	Pass
4980.0	-63.53	-13	-50.53	-69.08	4.56	10.11	Horizontal	Pass
3320.0	-67.77	-13	-54.77	-72.18	3.31	7.72	Vertical	Pass
4150.0	-66.53	-13	-53.53	-71.55	3.99	9.01	Vertical	Pass
4980.0	-63.24	-13	-50.24	-68.79	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	-11.00	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	VN	NT	-4.00	0.00	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	VL	NT	-13.80	-0.02	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VH	NT	-6.30	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VN	NT	-7.20	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	VL	NT	-1.60	0.00	±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	-9.600000	-0.011476	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-20	-13.300000	-0.015900	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-10	-10.900000	-0.013030	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	0	-10.800000	-0.012911	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	10	-8.100000	-0.009683	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	20	-10.400000	-0.012433	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	30	-4.200000	-0.005021	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	-30	-10.700000	-0.012791	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	100@0	NV	40	-8.400000	-0.010042	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	50	-6.200000	-0.007412	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-20	-4.200000	-0.005021	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-10	-2.700000	-0.003228	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	0	-5.700000	-0.006814	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	10	-3.700000	-0.004423	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	20	-4.500000	-0.005380	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	30	-6.400000	-0.007651	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	40	-4.000000	-0.004782	±2.5	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-30	-2.200000	-0.002630	±2.5	PASS

---End of Attachment---