

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-QPSK	L	1@1	24.62	17.47	38.45	PASS
N5	15	5	DFT-QPSK	L	1@23	24.57	17.42	38.45	PASS
N5	15	5	DFT-QPSK	L	25@0	23.62	16.47	38.45	PASS
N5	15	5	DFT-16QAM	L	1@1	23.84	16.69	38.45	PASS
N5	15	5	DFT-16QAM	L	1@23	23.60	16.45	38.45	PASS
N5	15	5	DFT-16QAM	L	25@0	22.64	15.49	38.45	PASS
N5	15	5	DFT-64QAM	L	1@1	22.19	15.04	38.45	PASS
N5	15	5	DFT-64QAM	L	1@23	22.07	14.92	38.45	PASS
N5	15	5	DFT-64QAM	L	25@0	22.15	15	38.45	PASS
N5	15	5	DFT-256QAM	L	1@1	22.14	14.99	38.45	PASS
N5	15	5	DFT-256QAM	L	1@23	22.07	14.92	38.45	PASS
N5	15	5	DFT-256QAM	L	25@0	22.22	15.07	38.45	PASS
N5	15	5	DFT-QPSK	M	1@1	24.56	17.41	38.45	PASS
N5	15	5	DFT-QPSK	M	1@23	24.63	17.48	38.45	PASS
N5	15	5	DFT-QPSK	M	25@0	23.49	16.34	38.45	PASS
N5	15	5	DFT-16QAM	M	1@1	23.59	16.44	38.45	PASS
N5	15	5	DFT-16QAM	M	1@23	23.56	16.41	38.45	PASS
N5	15	5	DFT-16QAM	M	25@0	22.54	15.39	38.45	PASS
N5	15	5	DFT-64QAM	M	1@1	22.01	14.86	38.45	PASS
N5	15	5	DFT-64QAM	M	1@23	22.00	14.85	38.45	PASS
N5	15	5	DFT-64QAM	M	25@0	22.05	14.9	38.45	PASS
N5	15	5	DFT-256QAM	M	1@1	22.08	14.93	38.45	PASS
N5	15	5	DFT-256QAM	M	1@23	22.06	14.91	38.45	PASS
N5	15	5	DFT-256QAM	M	25@0	22.10	14.95	38.45	PASS
N5	15	5	DFT-QPSK	H	1@1	24.55	17.4	38.45	PASS
N5	15	5	DFT-QPSK	H	1@23	24.50	17.35	38.45	PASS
N5	15	5	DFT-QPSK	H	25@0	23.59	16.44	38.45	PASS
N5	15	5	DFT-16QAM	H	1@1	23.61	16.46	38.45	PASS
N5	15	5	DFT-16QAM	H	1@23	23.53	16.38	38.45	PASS
N5	15	5	DFT-16QAM	H	25@0	22.53	15.38	38.45	PASS
N5	15	5	DFT-64QAM	H	1@1	21.78	14.63	38.45	PASS
N5	15	5	DFT-64QAM	H	1@23	21.73	14.58	38.45	PASS
N5	15	5	DFT-64QAM	H	25@0	22.09	14.94	38.45	PASS
N5	15	5	DFT-256QAM	H	1@1	21.80	14.65	38.45	PASS
N5	15	5	DFT-256QAM	H	1@23	21.89	14.74	38.45	PASS
N5	15	5	DFT-256QAM	H	25@0	22.14	14.99	38.45	PASS
N5	15	10	DFT-QPSK	L	1@1	24.72	17.57	38.45	PASS

N5	15	10	DFT-QPSK	L	1@50	24.75	17.6	38.45	PASS
N5	15	10	DFT-QPSK	L	50@0	23.75	16.6	38.45	PASS
N5	15	10	DFT-16QAM	L	1@1	23.70	16.55	38.45	PASS
N5	15	10	DFT-16QAM	L	1@50	23.77	16.62	38.45	PASS
N5	15	10	DFT-16QAM	L	50@0	22.72	15.57	38.45	PASS
N5	15	10	DFT-64QAM	L	1@1	22.19	15.04	38.45	PASS
N5	15	10	DFT-64QAM	L	1@50	22.26	15.11	38.45	PASS
N5	15	10	DFT-64QAM	L	50@0	22.23	15.08	38.45	PASS
N5	15	10	DFT-256QAM	L	1@1	21.88	14.73	38.45	PASS
N5	15	10	DFT-256QAM	L	1@50	22.27	15.12	38.45	PASS
N5	15	10	DFT-256QAM	L	50@0	22.31	15.16	38.45	PASS
N5	15	10	DFT-QPSK	M	1@1	24.37	17.22	38.45	PASS
N5	15	10	DFT-QPSK	M	1@50	24.56	17.41	38.45	PASS
N5	15	10	DFT-QPSK	M	50@0	23.59	16.44	38.45	PASS
N5	15	10	DFT-16QAM	M	1@1	23.50	16.35	38.45	PASS
N5	15	10	DFT-16QAM	M	1@50	23.64	16.49	38.45	PASS
N5	15	10	DFT-16QAM	M	50@0	22.62	15.47	38.45	PASS
N5	15	10	DFT-64QAM	M	1@1	21.94	14.79	38.45	PASS
N5	15	10	DFT-64QAM	M	1@50	22.07	14.92	38.45	PASS
N5	15	10	DFT-64QAM	M	50@0	22.06	14.91	38.45	PASS
N5	15	10	DFT-256QAM	M	1@1	21.90	14.75	38.45	PASS
N5	15	10	DFT-256QAM	M	1@50	22.05	14.9	38.45	PASS
N5	15	10	DFT-256QAM	M	50@0	22.11	14.96	38.45	PASS
N5	15	10	DFT-QPSK	H	1@1	24.73	17.58	38.45	PASS
N5	15	10	DFT-QPSK	H	1@50	24.52	17.37	38.45	PASS
N5	15	10	DFT-QPSK	H	50@0	23.64	16.49	38.45	PASS
N5	15	10	DFT-16QAM	H	1@1	23.69	16.54	38.45	PASS
N5	15	10	DFT-16QAM	H	1@50	23.61	16.46	38.45	PASS
N5	15	10	DFT-16QAM	H	50@0	22.64	15.49	38.45	PASS
N5	15	10	DFT-64QAM	H	1@1	22.26	15.11	38.45	PASS
N5	15	10	DFT-64QAM	H	1@50	22.16	15.01	38.45	PASS
N5	15	10	DFT-64QAM	H	50@0	22.19	15.04	38.45	PASS
N5	15	10	DFT-256QAM	H	1@1	21.90	14.75	38.45	PASS
N5	15	10	DFT-256QAM	H	1@50	22.03	14.88	38.45	PASS
N5	15	10	DFT-256QAM	H	50@0	22.23	15.08	38.45	PASS
N5	15	15	DFT-QPSK	L	1@1	24.64	17.49	38.45	PASS
N5	15	15	DFT-QPSK	L	1@77	24.68	17.53	38.45	PASS
N5	15	15	DFT-QPSK	L	75@0	23.74	16.59	38.45	PASS
N5	15	15	DFT-16QAM	L	1@1	23.68	16.53	38.45	PASS
N5	15	15	DFT-16QAM	L	1@77	23.73	16.58	38.45	PASS
N5	15	15	DFT-16QAM	L	75@0	22.73	15.58	38.45	PASS
N5	15	15	DFT-64QAM	L	1@1	22.19	15.04	38.45	PASS
N5	15	15	DFT-64QAM	L	1@77	22.17	15.02	38.45	PASS
N5	15	15	DFT-64QAM	L	75@0	22.16	15.01	38.45	PASS

N5	15	15	DFT-256QAM	L	1@1	22.15	15	38.45	PASS
N5	15	15	DFT-256QAM	L	1@77	21.93	14.78	38.45	PASS
N5	15	15	DFT-256QAM	L	75@0	22.21	15.06	38.45	PASS
N5	15	15	DFT-QPSK	M	1@1	24.50	17.35	38.45	PASS
N5	15	15	DFT-QPSK	M	1@77	24.43	17.28	38.45	PASS
N5	15	15	DFT-QPSK	M	75@0	23.66	16.51	38.45	PASS
N5	15	15	DFT-16QAM	M	1@1	23.56	16.41	38.45	PASS
N5	15	15	DFT-16QAM	M	1@77	23.49	16.34	38.45	PASS
N5	15	15	DFT-16QAM	M	75@0	22.68	15.53	38.45	PASS
N5	15	15	DFT-64QAM	M	1@1	22.11	14.96	38.45	PASS
N5	15	15	DFT-64QAM	M	1@77	21.96	14.81	38.45	PASS
N5	15	15	DFT-64QAM	M	75@0	22.17	15.02	38.45	PASS
N5	15	15	DFT-256QAM	M	1@1	21.94	14.79	38.45	PASS
N5	15	15	DFT-256QAM	M	1@77	21.94	14.79	38.45	PASS
N5	15	15	DFT-256QAM	M	75@0	22.19	15.04	38.45	PASS
N5	15	15	DFT-QPSK	H	1@1	24.61	17.46	38.45	PASS
N5	15	15	DFT-QPSK	H	1@77	24.46	17.31	38.45	PASS
N5	15	15	DFT-QPSK	H	75@0	23.80	16.65	38.45	PASS
N5	15	15	DFT-16QAM	H	1@1	23.74	16.59	38.45	PASS
N5	15	15	DFT-16QAM	H	1@77	23.59	16.44	38.45	PASS
N5	15	15	DFT-16QAM	H	75@0	22.71	15.56	38.45	PASS
N5	15	15	DFT-64QAM	H	1@1	22.21	15.06	38.45	PASS
N5	15	15	DFT-64QAM	H	1@77	22.08	14.93	38.45	PASS
N5	15	15	DFT-64QAM	H	75@0	22.17	15.02	38.45	PASS
N5	15	15	DFT-256QAM	H	1@1	22.04	14.89	38.45	PASS
N5	15	15	DFT-256QAM	H	1@77	21.95	14.8	38.45	PASS
N5	15	15	DFT-256QAM	H	75@0	22.22	15.07	38.45	PASS
N5	15	20	DFT-QPSK	L	1@1	24.53	17.38	38.45	PASS
N5	15	20	DFT-QPSK	L	1@104	24.55	17.4	38.45	PASS
N5	15	20	DFT-QPSK	L	100@0	23.70	16.55	38.45	PASS
N5	15	20	DFT-16QAM	L	1@1	23.58	16.43	38.45	PASS
N5	15	20	DFT-16QAM	L	1@104	23.57	16.42	38.45	PASS
N5	15	20	DFT-16QAM	L	100@0	22.71	15.56	38.45	PASS
N5	15	20	DFT-64QAM	L	1@1	22.09	14.94	38.45	PASS
N5	15	20	DFT-64QAM	L	1@104	22.04	14.89	38.45	PASS
N5	15	20	DFT-64QAM	L	100@0	22.20	15.05	38.45	PASS
N5	15	20	DFT-256QAM	L	1@1	22.05	14.9	38.45	PASS
N5	15	20	DFT-256QAM	L	1@104	22.04	14.89	38.45	PASS
N5	15	20	DFT-256QAM	L	100@0	22.20	15.05	38.45	PASS
N5	15	20	DFT-QPSK	M	1@1	24.51	17.36	38.45	PASS
N5	15	20	DFT-QPSK	M	1@104	24.48	17.33	38.45	PASS
N5	15	20	DFT-QPSK	M	100@0	23.65	16.5	38.45	PASS
N5	15	20	DFT-16QAM	M	1@1	23.54	16.39	38.45	PASS
N5	15	20	DFT-16QAM	M	1@104	23.51	16.36	38.45	PASS

N5	15	20	DFT-16QAM	M	100@0	22.65	15.5	38.45	PASS
N5	15	20	DFT-64QAM	M	1@1	21.99	14.84	38.45	PASS
N5	15	20	DFT-64QAM	M	1@104	21.89	14.74	38.45	PASS
N5	15	20	DFT-64QAM	M	100@0	22.17	15.02	38.45	PASS
N5	15	20	DFT-256QAM	M	1@1	21.95	14.8	38.45	PASS
N5	15	20	DFT-256QAM	M	1@104	21.97	14.82	38.45	PASS
N5	15	20	DFT-256QAM	M	100@0	22.18	15.03	38.45	PASS
N5	15	20	DFT-QPSK	H	1@1	24.54	17.39	38.45	PASS
N5	15	20	DFT-QPSK	H	1@104	24.39	17.24	38.45	PASS
N5	15	20	DFT-QPSK	H	100@0	23.64	16.49	38.45	PASS
N5	15	20	DFT-16QAM	H	1@1	23.62	16.47	38.45	PASS
N5	15	20	DFT-16QAM	H	1@104	23.52	16.37	38.45	PASS
N5	15	20	DFT-16QAM	H	100@0	22.66	15.51	38.45	PASS
N5	15	20	DFT-64QAM	H	1@1	22.04	14.89	38.45	PASS
N5	15	20	DFT-64QAM	H	1@104	21.88	14.73	38.45	PASS
N5	15	20	DFT-64QAM	H	100@0	22.17	15.02	38.45	PASS
N5	15	20	DFT-256QAM	H	1@1	21.94	14.79	38.45	PASS
N5	15	20	DFT-256QAM	H	1@104	21.91	14.76	38.45	PASS
N5	15	20	DFT-256QAM	H	100@0	22.19	15.04	38.45	PASS

Peak-to-Average Ratio for SA

Test Graphs



1-N5-PC3-15-20-L-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.16dB-PASS



1-N5-PC3-15-20-L-2-NS_01-CP-256QAM-Outer_Full-106@0-6.99dB-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.19dB-PASS



1-N5-PC3-15-20-M-2-NS_01-CP-256QAM-Outer_Full-106@0-7.15dB-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.21dB-PASS



1-N5-PC3-15-20-H-2-NS_01-CP-256QAM-Outer_Full-106@0-7.23dB-PASS

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% Result (MHz)	26dB Result (MHz)	Verdict
N5	15	5	DFT-QPSK	L	25@0	4.5074	5.150	PASS
N5	15	5	DFT-16QAM	L	25@0	4.4967	5.133	PASS
N5	15	5	DFT-64QAM	L	25@0	4.5193	5.220	PASS
N5	15	5	DFT-256QAM	L	25@0	4.5294	5.209	PASS
N5	15	5	CP-QPSK	L	25@0	4.5095	5.294	PASS
N5	15	5	CP-16QAM	L	25@0	4.5267	5.285	PASS
N5	15	5	CP-64QAM	L	25@0	4.5001	5.293	PASS
N5	15	5	CP-256QAM	L	25@0	4.5037	5.285	PASS
N5	15	5	DFT-QPSK	M	25@0	4.5008	5.111	PASS
N5	15	5	DFT-16QAM	M	25@0	4.4975	5.182	PASS
N5	15	5	DFT-64QAM	M	25@0	4.5281	5.220	PASS
N5	15	5	DFT-256QAM	M	25@0	4.5141	5.170	PASS
N5	15	5	CP-QPSK	M	25@0	4.5012	5.285	PASS
N5	15	5	CP-16QAM	M	25@0	4.4979	5.184	PASS
N5	15	5	CP-64QAM	M	25@0	4.5054	5.240	PASS
N5	15	5	CP-256QAM	M	25@0	4.5054	5.230	PASS
N5	15	5	DFT-QPSK	H	25@0	4.4874	5.163	PASS
N5	15	5	DFT-16QAM	H	25@0	4.5125	5.087	PASS
N5	15	5	DFT-64QAM	H	25@0	4.5148	5.150	PASS
N5	15	5	DFT-256QAM	H	25@0	4.5291	5.210	PASS
N5	15	5	CP-QPSK	H	25@0	4.5080	5.294	PASS
N5	15	5	CP-16QAM	H	25@0	4.5167	5.231	PASS
N5	15	5	CP-64QAM	H	25@0	4.4961	5.246	PASS
N5	15	5	CP-256QAM	H	25@0	4.5006	5.321	PASS
N5	15	10	DFT-QPSK	L	50@0	8.9869	9.898	PASS
N5	15	10	DFT-16QAM	L	50@0	9.0045	9.843	PASS
N5	15	10	DFT-64QAM	L	50@0	8.9581	9.797	PASS
N5	15	10	DFT-256QAM	L	50@0	8.9713	9.826	PASS
N5	15	10	CP-QPSK	L	52@0	9.3078	10.23	PASS
N5	15	10	CP-16QAM	L	52@0	9.3347	10.23	PASS
N5	15	10	CP-64QAM	L	52@0	9.3410	10.29	PASS
N5	15	10	CP-256QAM	L	52@0	9.3644	10.32	PASS
N5	15	10	DFT-QPSK	M	50@0	8.9901	9.953	PASS
N5	15	10	DFT-16QAM	M	50@0	9.0176	9.847	PASS

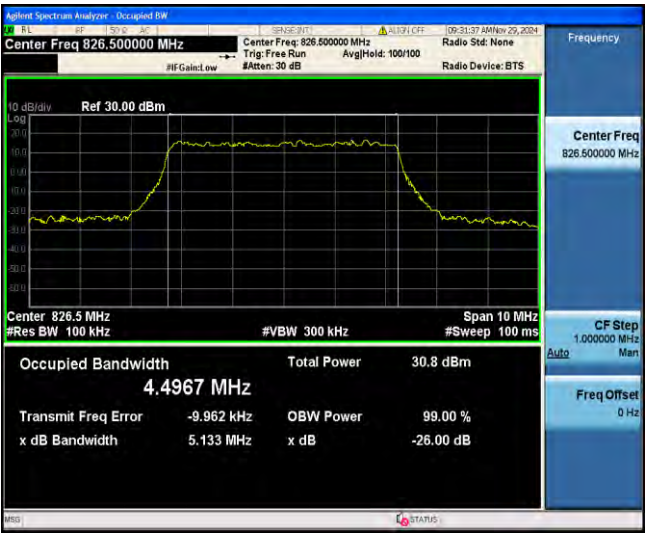
N5	15	10	DFT-64QAM	M	50@0	8.9566	9.795	PASS
N5	15	10	DFT-256QAM	M	50@0	8.9680	9.829	PASS
N5	15	10	CP-QPSK	M	52@0	9.3103	10.22	PASS
N5	15	10	CP-16QAM	M	52@0	9.3207	10.28	PASS
N5	15	10	CP-64QAM	M	52@0	9.3404	10.28	PASS
N5	15	10	CP-256QAM	M	52@0	9.3508	10.38	PASS
N5	15	10	DFT-QPSK	H	50@0	8.9663	9.844	PASS
N5	15	10	DFT-16QAM	H	50@0	8.9845	9.765	PASS
N5	15	10	DFT-64QAM	H	50@0	8.9450	9.709	PASS
N5	15	10	DFT-256QAM	H	50@0	8.9442	9.702	PASS
N5	15	10	CP-QPSK	H	52@0	9.2925	10.24	PASS
N5	15	10	CP-16QAM	H	52@0	9.3008	10.25	PASS
N5	15	10	CP-64QAM	H	52@0	9.3188	10.24	PASS
N5	15	10	CP-256QAM	H	52@0	9.3244	10.33	PASS
N5	15	15	DFT-QPSK	L	75@0	13.456	14.55	PASS
N5	15	15	DFT-16QAM	L	75@0	13.479	14.60	PASS
N5	15	15	DFT-64QAM	L	75@0	13.449	14.62	PASS
N5	15	15	DFT-256QAM	L	75@0	13.466	14.56	PASS
N5	15	15	CP-QPSK	L	79@0	14.166	15.35	PASS
N5	15	15	CP-16QAM	L	79@0	14.115	15.24	PASS
N5	15	15	CP-64QAM	L	79@0	14.148	15.32	PASS
N5	15	15	CP-256QAM	L	79@0	14.165	15.23	PASS
N5	15	15	DFT-QPSK	M	75@0	13.431	14.50	PASS
N5	15	15	DFT-16QAM	M	75@0	13.470	14.54	PASS
N5	15	15	DFT-64QAM	M	75@0	13.419	14.61	PASS
N5	15	15	DFT-256QAM	M	75@0	13.442	14.53	PASS
N5	15	15	CP-QPSK	M	79@0	14.154	15.27	PASS
N5	15	15	CP-16QAM	M	79@0	14.105	15.29	PASS
N5	15	15	CP-64QAM	M	79@0	14.111	15.31	PASS
N5	15	15	CP-256QAM	M	79@0	14.137	15.27	PASS
N5	15	15	DFT-QPSK	H	75@0	13.412	14.47	PASS
N5	15	15	DFT-16QAM	H	75@0	13.458	14.65	PASS
N5	15	15	DFT-64QAM	H	75@0	13.398	14.57	PASS
N5	15	15	DFT-256QAM	H	75@0	13.433	14.62	PASS
N5	15	15	CP-QPSK	H	79@0	14.123	15.26	PASS
N5	15	15	CP-16QAM	H	79@0	14.064	15.26	PASS
N5	15	15	CP-64QAM	H	79@0	14.088	15.21	PASS
N5	15	15	CP-256QAM	H	79@0	14.118	15.22	PASS
N5	15	20	DFT-QPSK	L	100@0	17.893	19.22	PASS
N5	15	20	DFT-16QAM	L	100@0	17.978	19.24	PASS
N5	15	20	DFT-64QAM	L	100@0	17.913	19.19	PASS
N5	15	20	DFT-256QAM	L	100@0	17.911	19.18	PASS
N5	15	20	CP-QPSK	L	106@0	18.906	20.30	PASS
N5	15	20	CP-16QAM	L	106@0	19.011	20.28	PASS

N5	15	20	CP-64QAM	L	106@0	18.981	20.37	PASS
N5	15	20	CP-256QAM	L	106@0	18.910	20.26	PASS
N5	15	20	DFT-QPSK	M	100@0	17.874	19.19	PASS
N5	15	20	DFT-16QAM	M	100@0	17.967	19.22	PASS
N5	15	20	DFT-64QAM	M	100@0	17.881	19.14	PASS
N5	15	20	DFT-256QAM	M	100@0	17.884	19.16	PASS
N5	15	20	CP-QPSK	M	106@0	18.879	20.22	PASS
N5	15	20	CP-16QAM	M	106@0	18.986	20.29	PASS
N5	15	20	CP-64QAM	M	106@0	18.925	20.30	PASS
N5	15	20	CP-256QAM	M	106@0	18.867	20.22	PASS
N5	15	20	DFT-QPSK	H	100@0	17.837	19.19	PASS
N5	15	20	DFT-16QAM	H	100@0	17.929	19.08	PASS
N5	15	20	DFT-64QAM	H	100@0	17.867	19.24	PASS
N5	15	20	DFT-256QAM	H	100@0	17.867	19.18	PASS
N5	15	20	CP-QPSK	H	106@0	18.847	20.23	PASS
N5	15	20	CP-16QAM	H	106@0	18.958	20.28	PASS
N5	15	20	CP-64QAM	H	106@0	18.902	20.32	PASS
N5	15	20	CP-256QAM	H	106@0	18.842	20.28	PASS

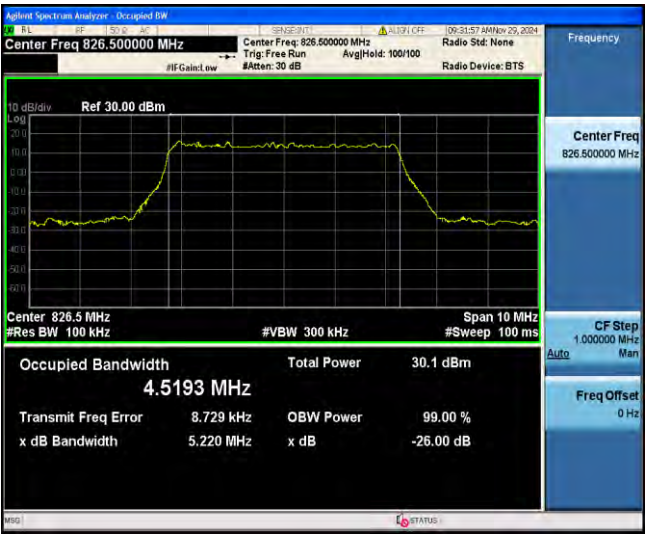
Test Graphs



1-N5-PC3-15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.5074-5.150-≤5-PASS



1-N5-PC3-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.4967-5.133-≤5-PASS



1-N5-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.5193-5.220-≤5-PASS



1-N5-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5294-5.209-≤5-PASS



1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.5095-5.294-≤5-PASS



1-N5-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5267-5.285-≤5-PASS



1-N5-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.5001-5.293-≤5-PASS



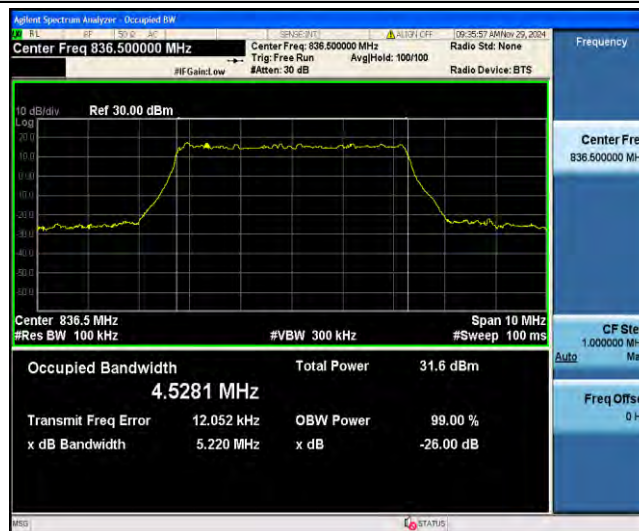
1-N5-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.5037-5.285-≤5-PASS



1-N5-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.5008-5.111-≤5-PASS



1-N5-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.4975-5.182-≤5-PASS



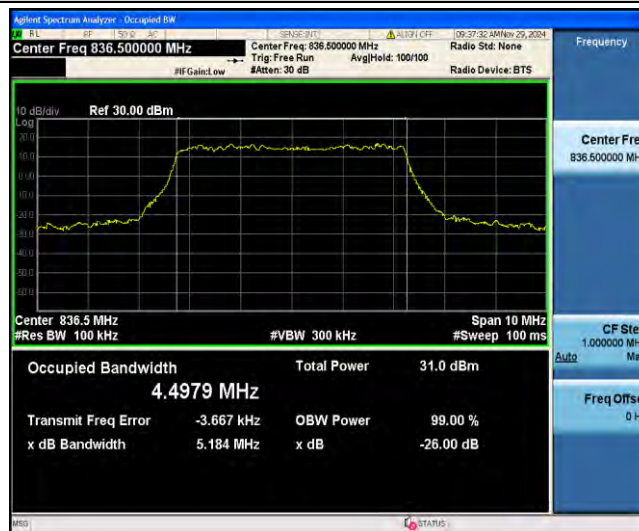
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1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5141-5.170-≤5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.5012-5.285-≤5-PASS



1-N5-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.4979-5.184-≤5-PASS



1-N5-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.5054-5.240-≤5-PASS



1-N5-PC3-15-5-M-9-CP-25QAM-Outer_Full-25@0-Ant1-4.5054-5.230-≤5-PASS



1-N5-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.4874-5.163-≤5-PASS



1-N5-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.5125-5.087-≤5-PASS



1-N5-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.5148-5.150-≤5-PASS



1-N5-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.5291-5.210-≤5-PASS



1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.5080-5.294-≤5-PASS



1-N5-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5167-5.231-≤5-PASS



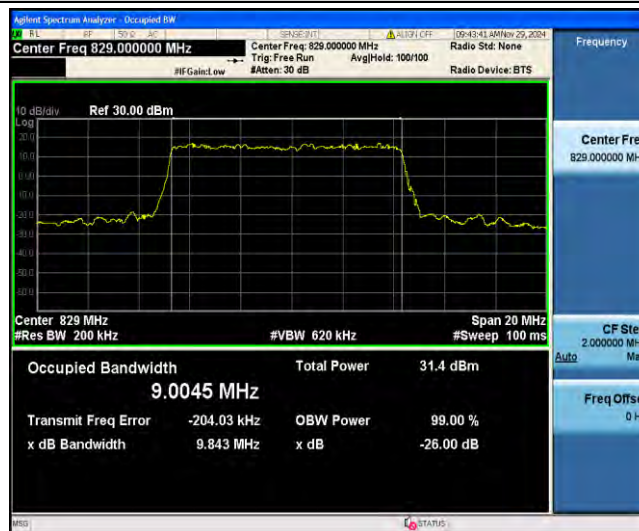
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1-N5-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.5006-5.321-≤5-PASS



1-N5-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.9869-9.898-≤10-PASS



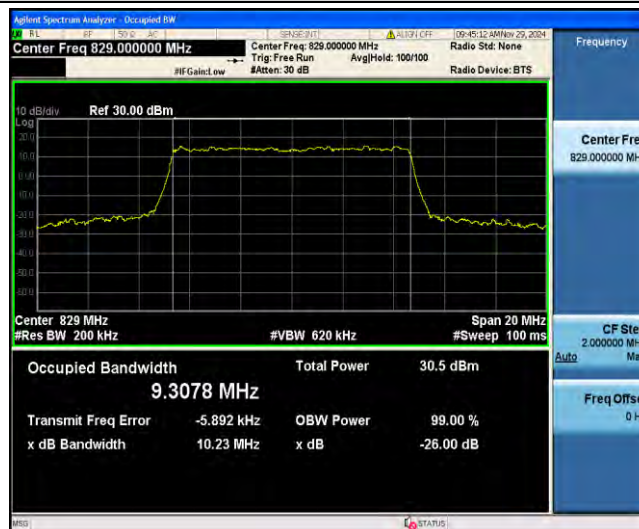
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1-N5-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.9581-9.797-≤10-PASS



1-N5-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.9713-9.826-≤10-PASS



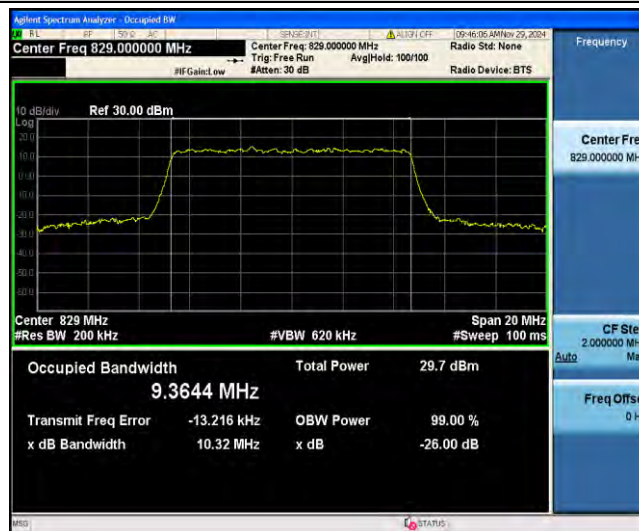
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1-N5-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.3347-10.23-≤10-PASS



1-N5-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.3410-10.29-≤10-PASS



1-N5-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.3644-10.32-≤10-PASS



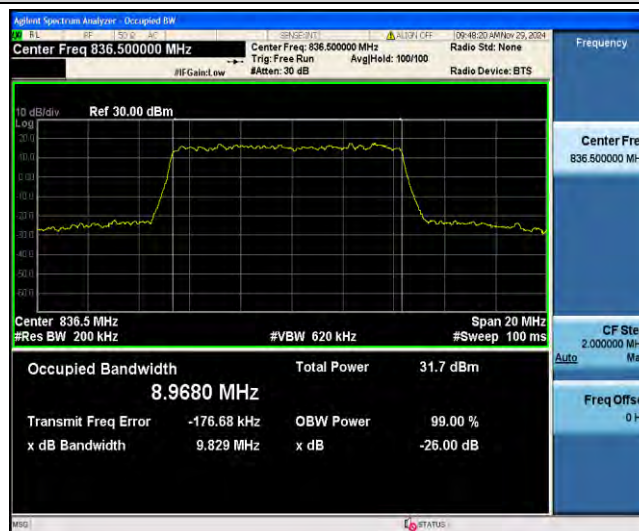
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1-N5-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-9.0176-9.847-≤10-PASS



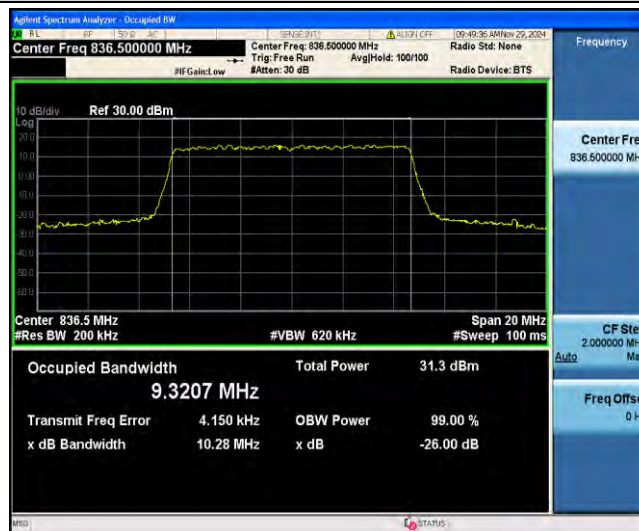
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1-N5-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.9680-9.829-≤10-PASS



1-N5-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.3103-10.22-≤10-PASS



1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.3207-10.28-≤10-PASS



1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.3404-10.28-≤10-PASS



1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.3508-10.38-≤10-PASS



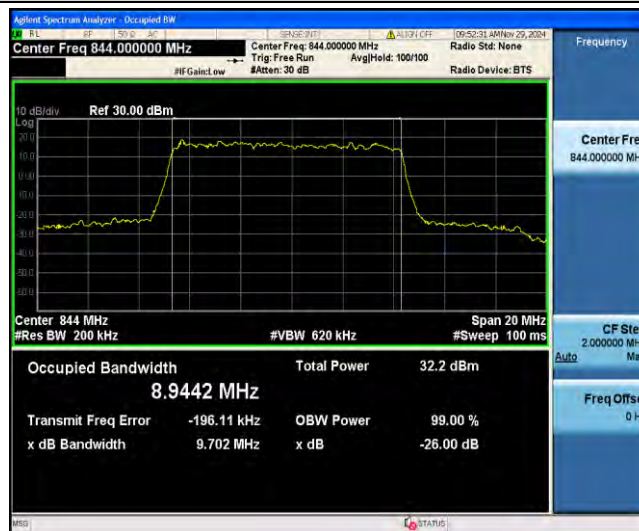
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1-N5-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.9845-9.765-≤10-PASS



1-N5-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.9450-9.709-≤10-PASS



1-N5-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.9442-9.702-≤10-PASS



1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.2925-10.24-≤10-PASS



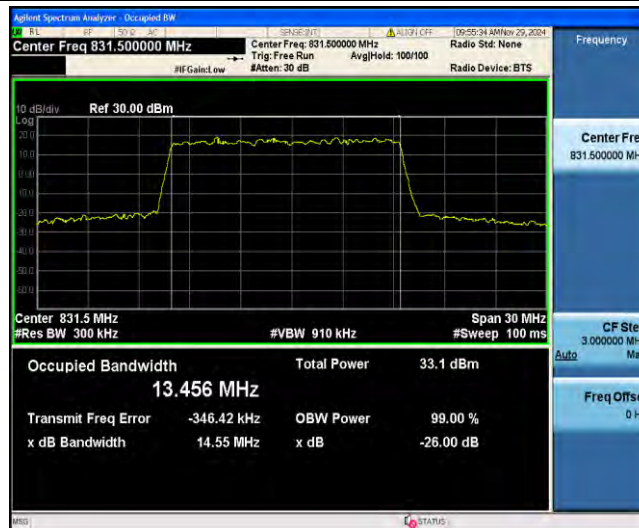
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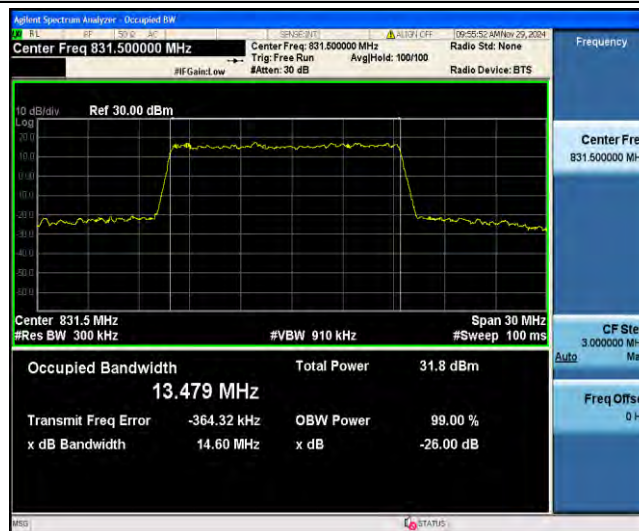
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1-N5-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.3244-10.33-≤10-PASS



1-N5-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.456-14.55-≤15-PASS



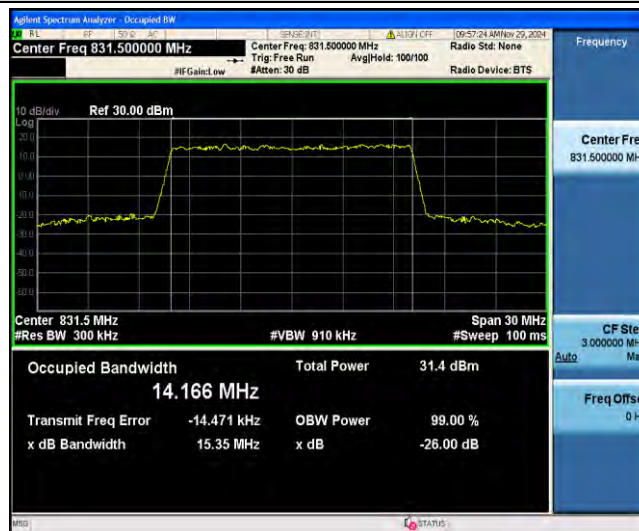
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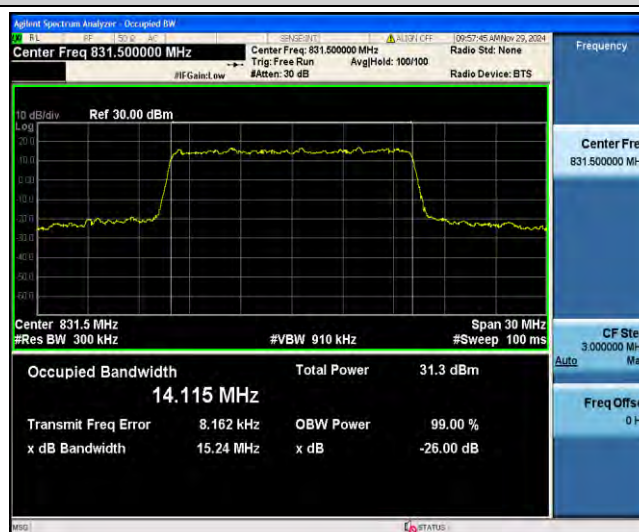
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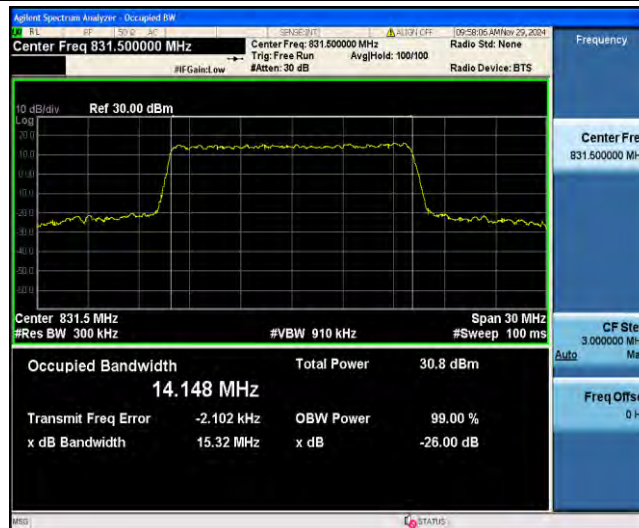
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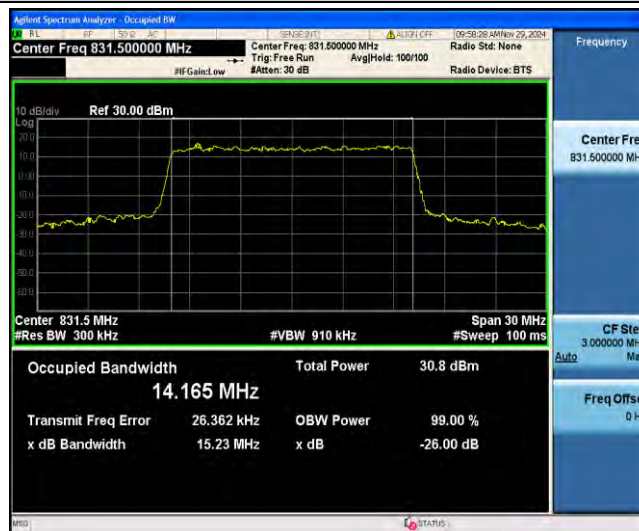
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1-N5-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.115-15.24-≤15-PASS



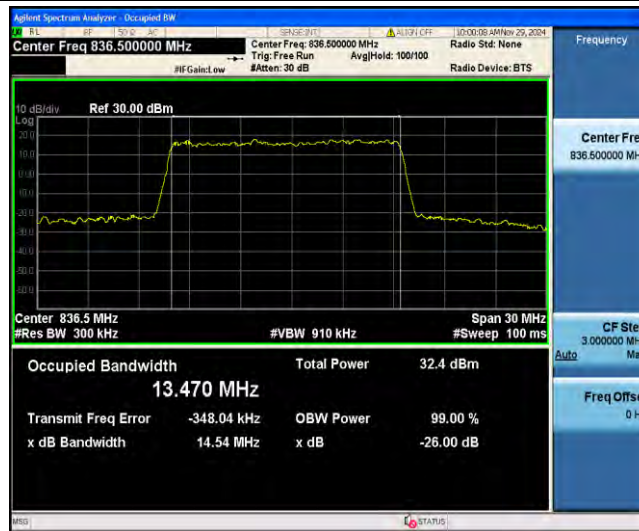
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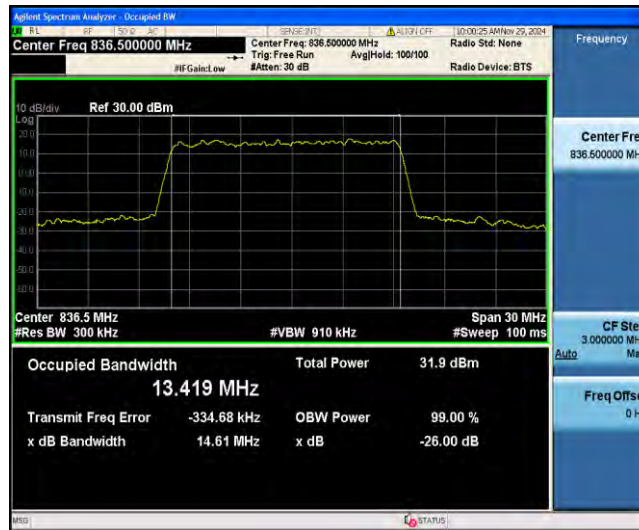
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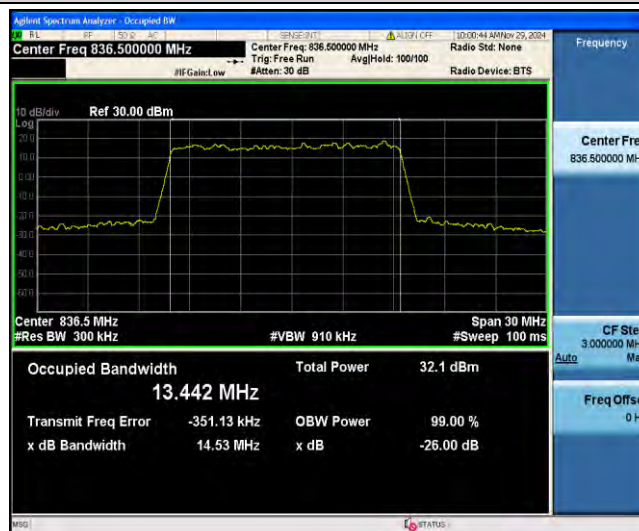
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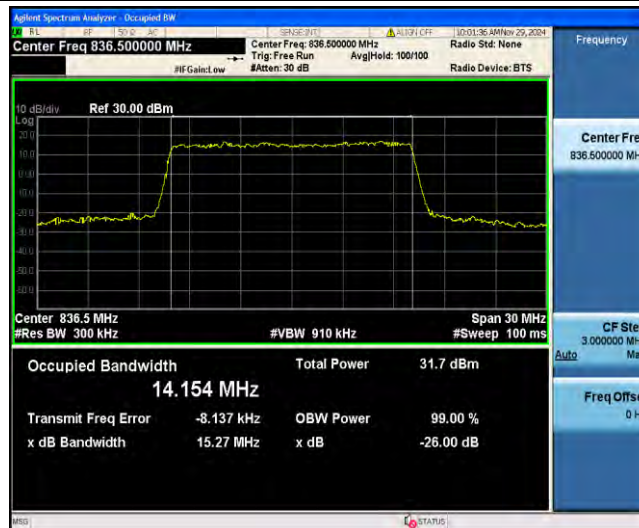
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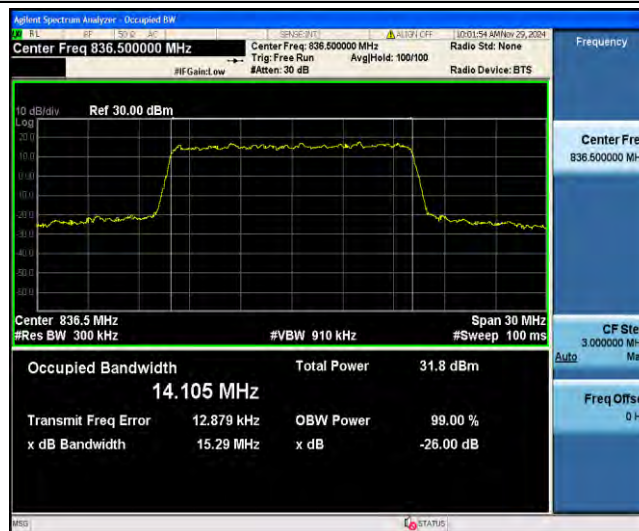
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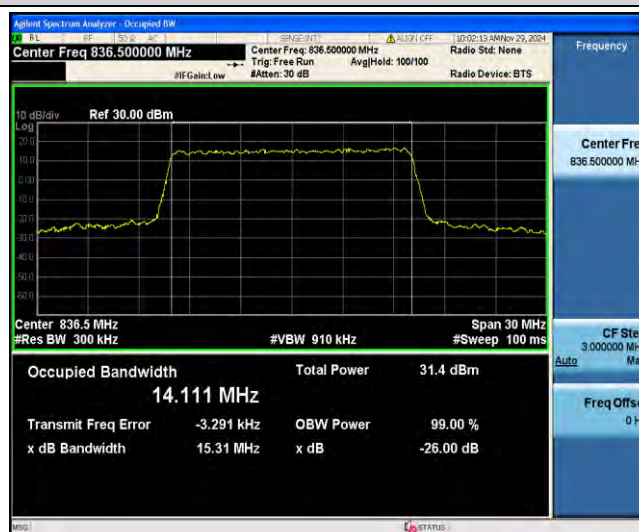
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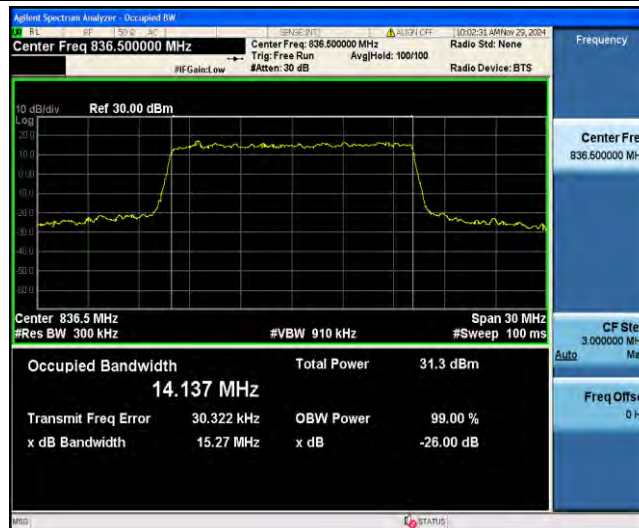
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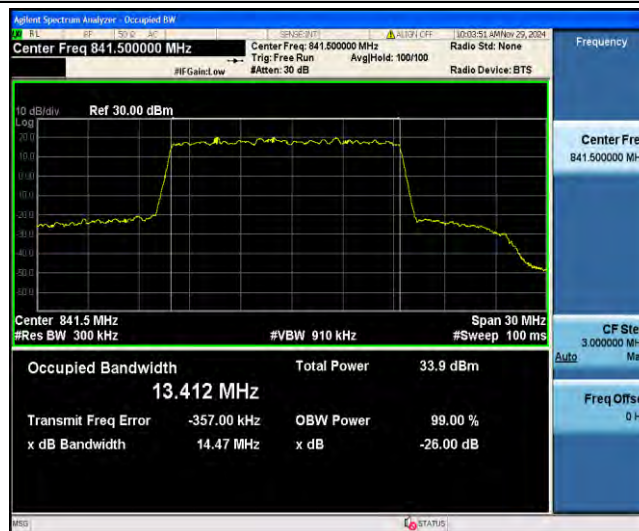
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1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.111-15.31-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.137-15.27-≤15-PASS



1-N5-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.412-14.47-≤15-PASS



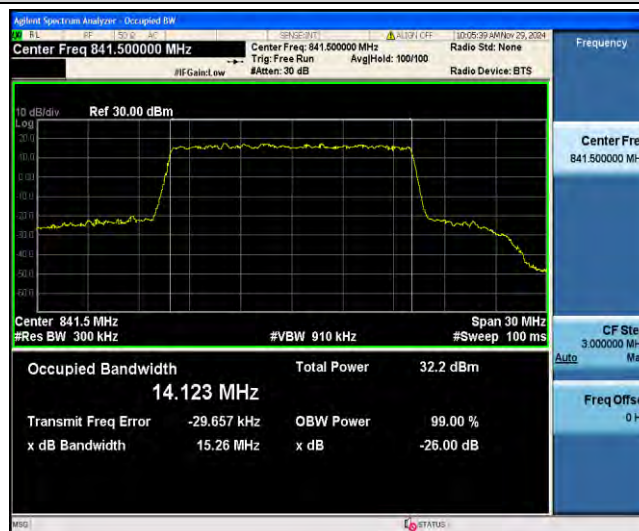
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1-N5-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.398-14.57-≤15-PASS



1-N5-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.433-14.62-≤15-PASS



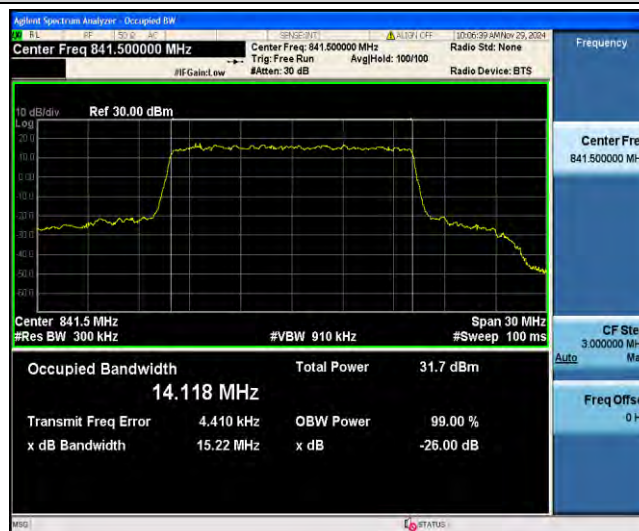
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1-N5-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant1-14.064-15.26-≤15-PASS



1-N5-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.088-15.21-≤15-PASS



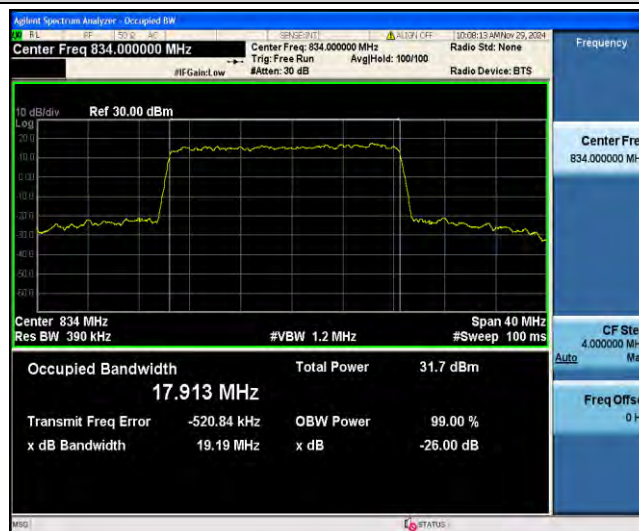
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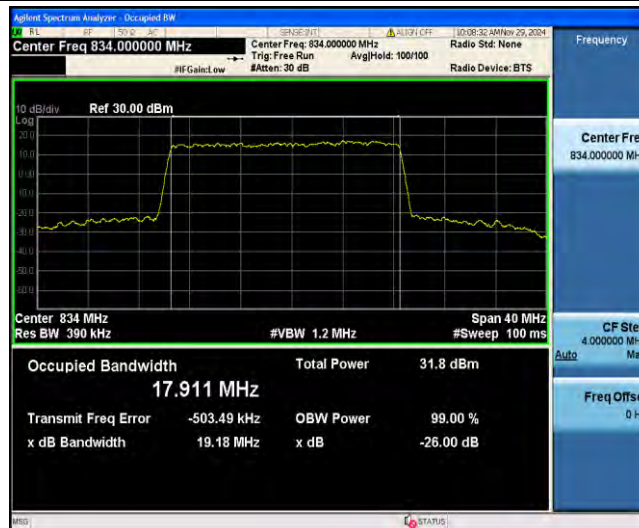
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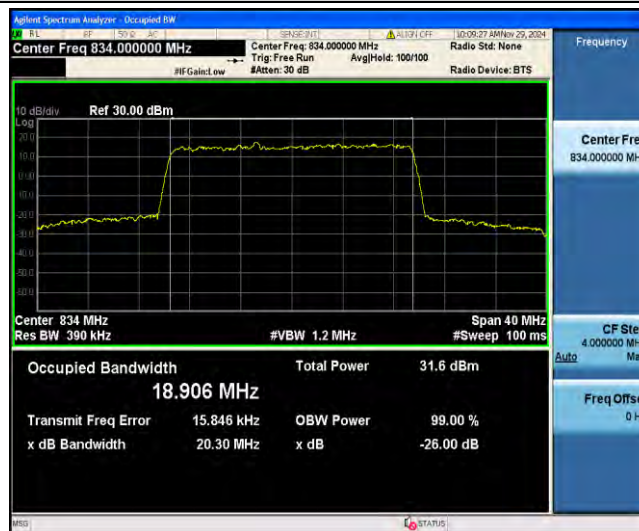
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1-N5-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.913-19.19-≤20-PASS



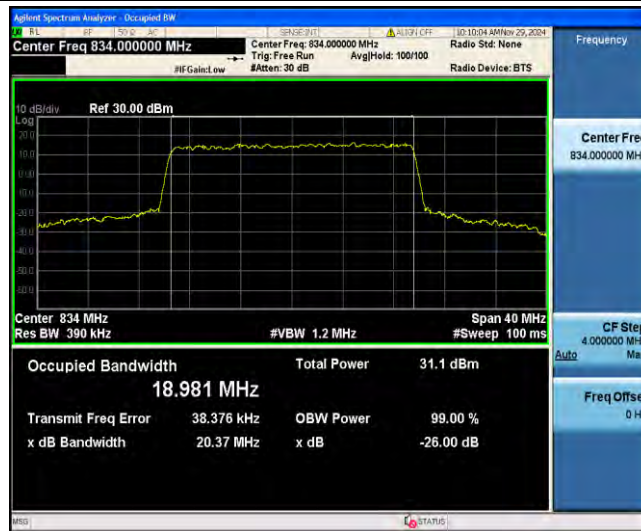
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1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.906-20.30-≤20-PASS



1-N5-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-19.011-20.28-≤20-PASS



1-N5-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant1-18.981-20.37-≤20-PASS



1-N5-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.910-20.26-≤20-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.874-19.19-≤20-PASS



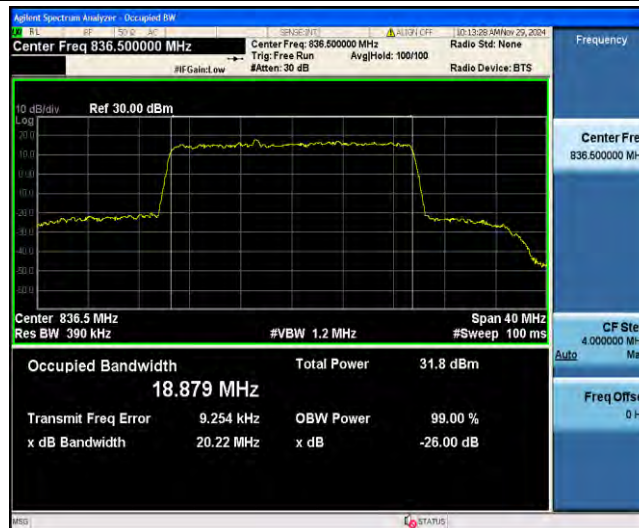
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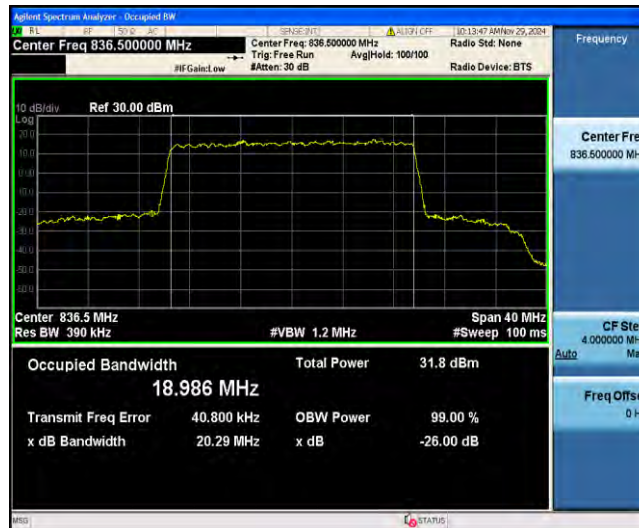
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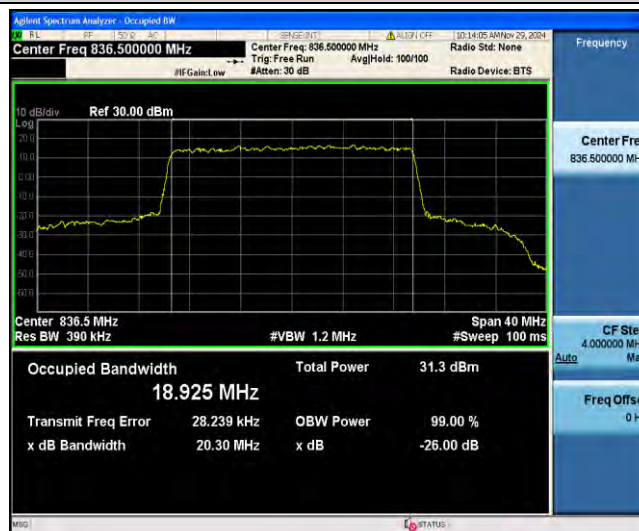
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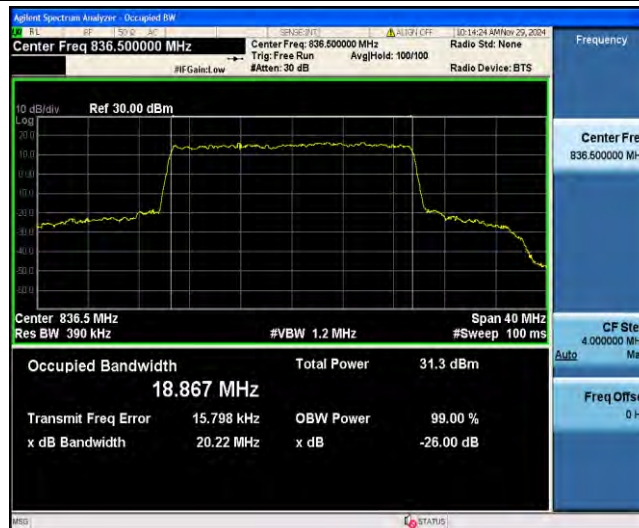
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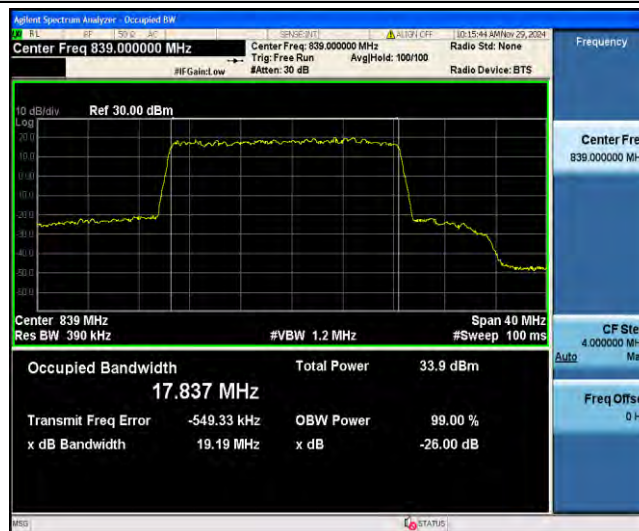
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1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.925-20.30-≤20-PASS



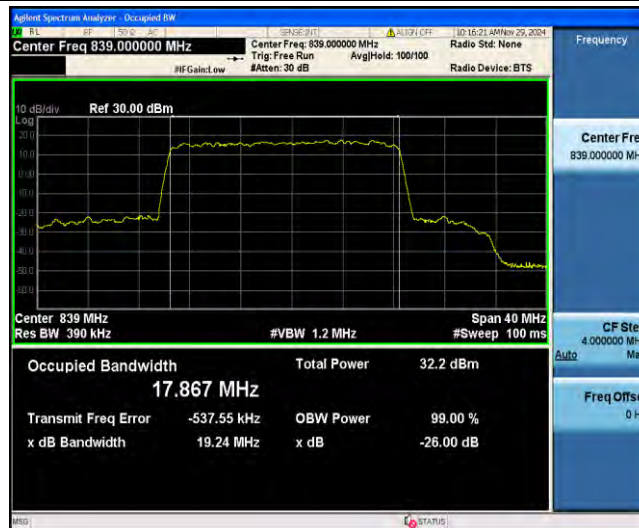
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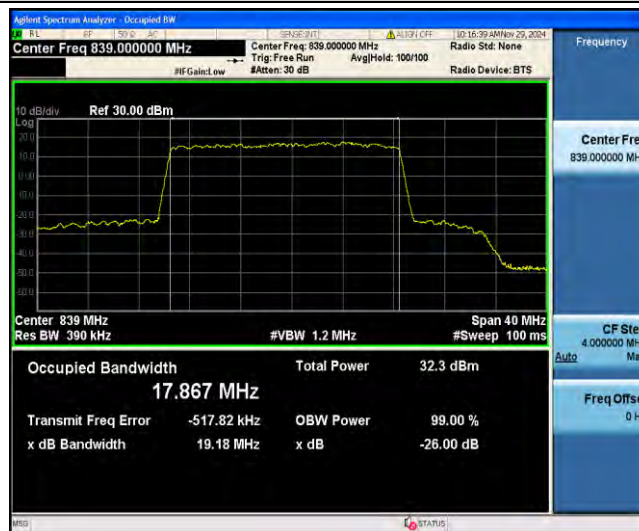
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1-N5-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.929-19.08-≤20-PASS



1-N5-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.867-19.24-≤20-PASS



1-N5-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.867-19.18-≤20-PASS



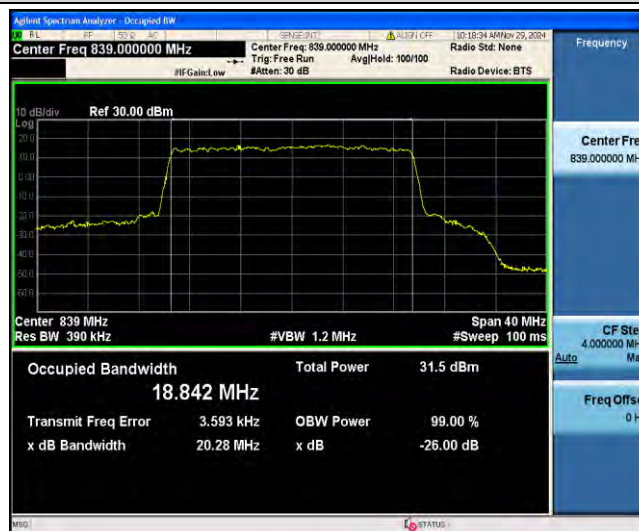
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1-N5-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.958-20.28-≤20-PASS



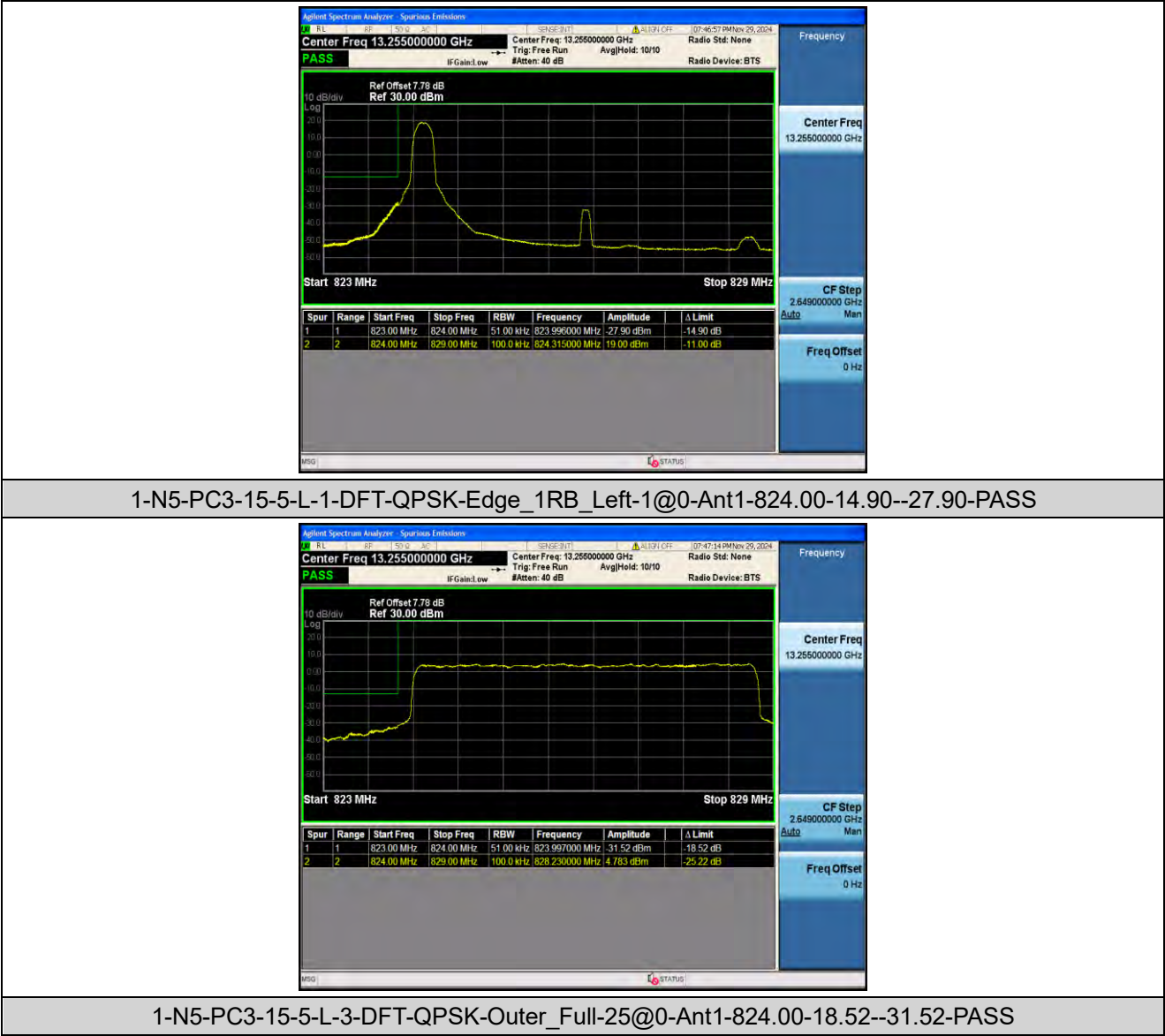
1-N5-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.902-20.32-≤20-PASS



1-N5-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.842-20.28-≤20-PASS

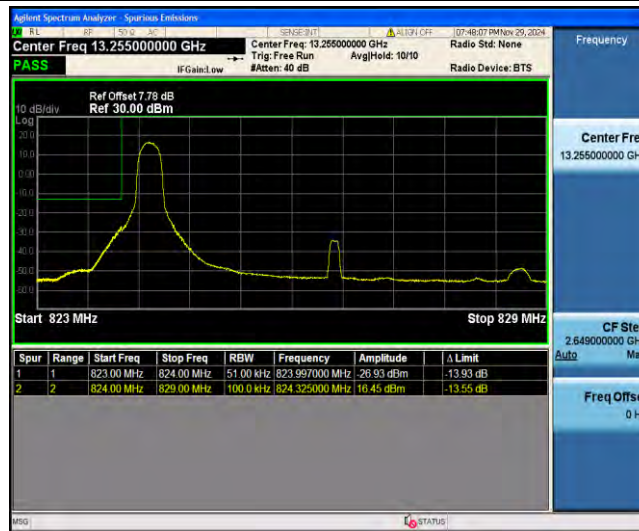
Band Edge for SA

Test Graphs

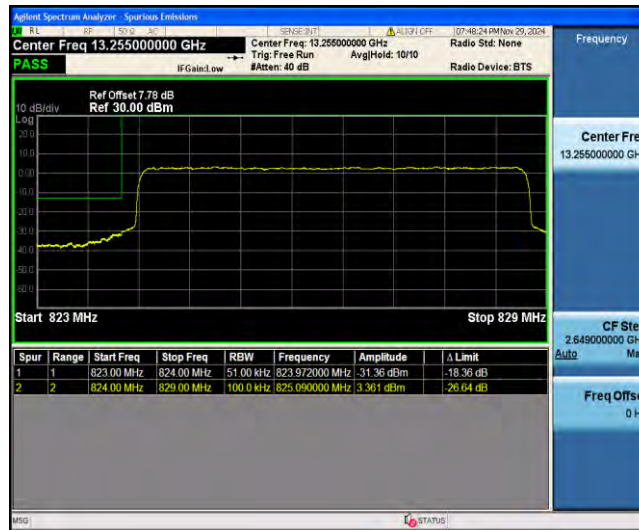


1-N5-PC3-15-5-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-14.90--27.90-PASS

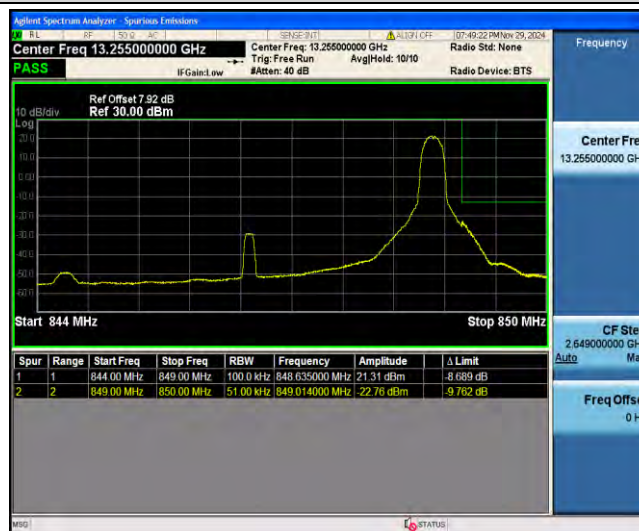
1-N5-PC3-15-5-L-3-DFT-QPSK-Outer_Full-25@0-Ant1-824.00-18.52--31.52-PASS



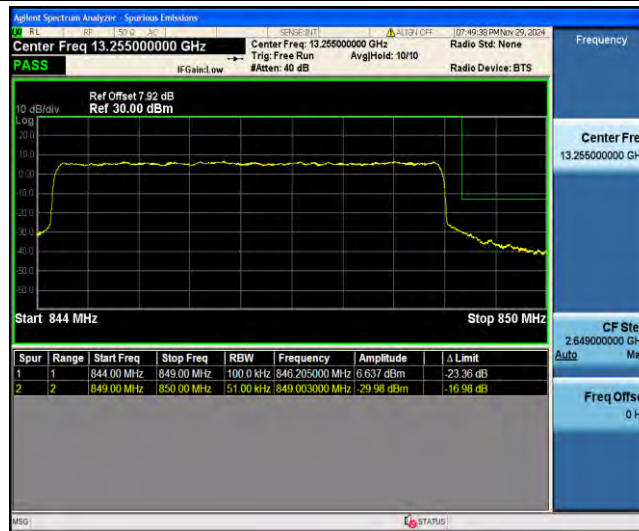
1-N5-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-13.93--26.93-PASS



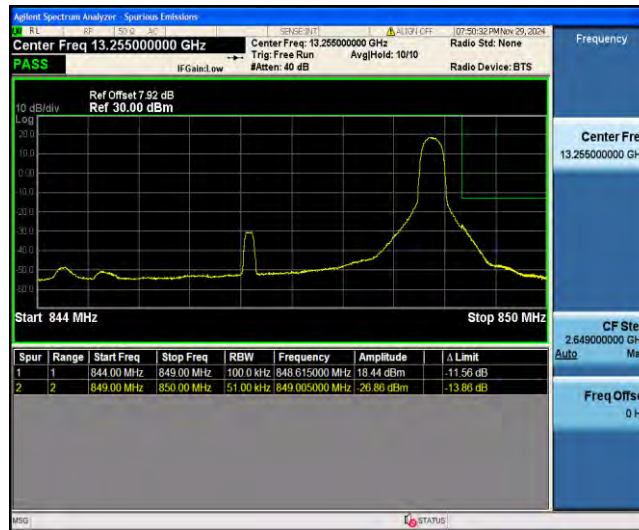
1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-823.97-18.36--31.36-PASS



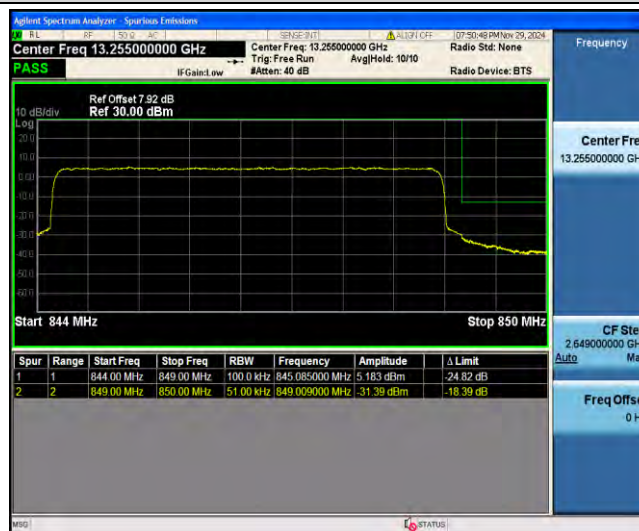
1-N5-PC3-15-5-H-2-DFT-QPSK-Edge_1RB_Right-1@24-Ant1-849.01-9.76--22.76-PASS



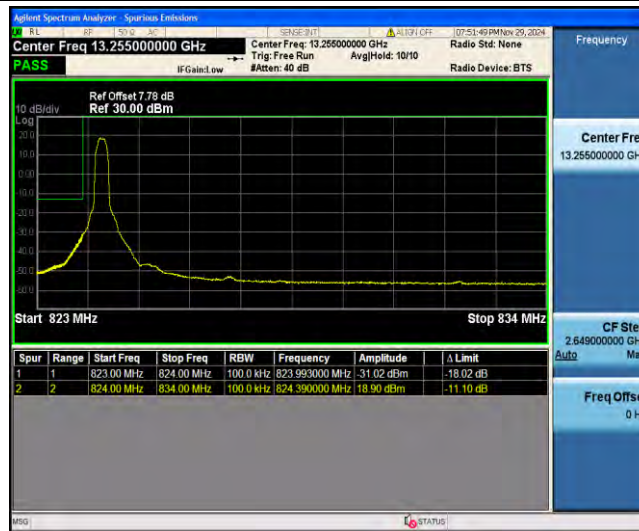
1-N5-PC3-15-5-H-3-DFT-QPSK-Outer_Full-25@0-Ant1-849.00-16.98--29.98-PASS



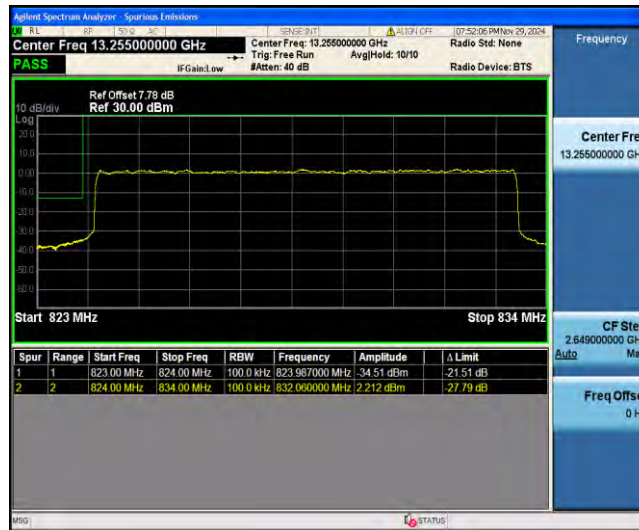
1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-849.01-13.86--26.86-PASS



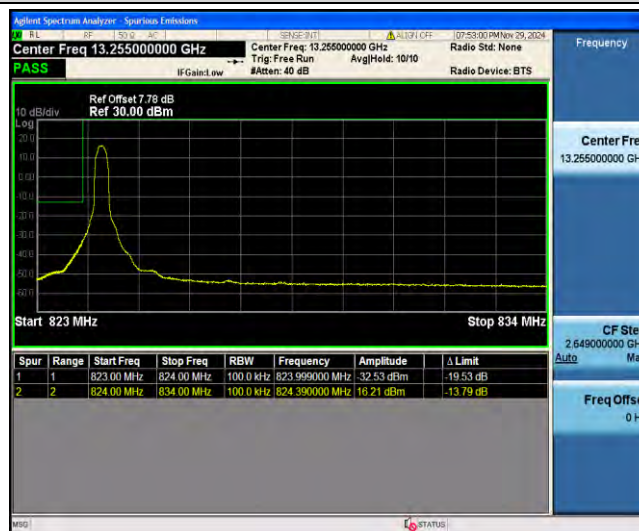
1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-849.01-18.39--31.39-PASS



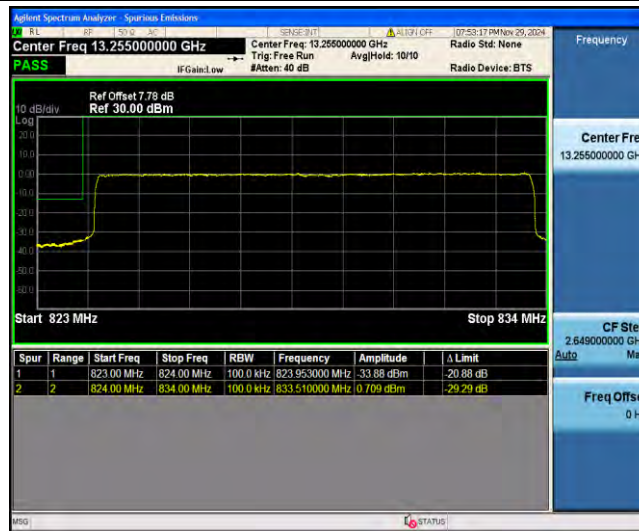
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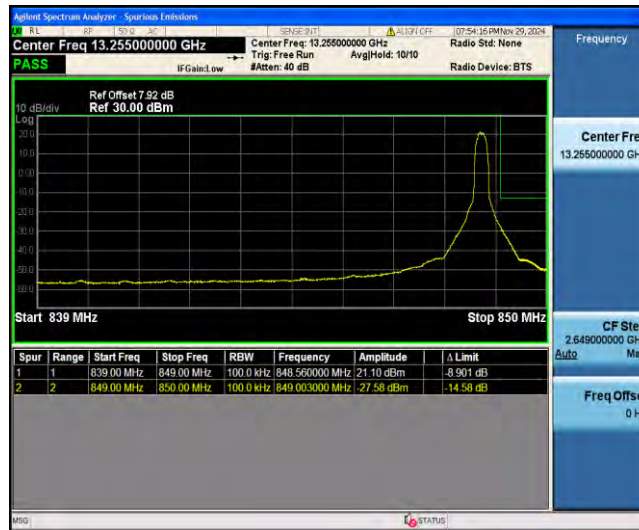
1-N5-PC3-15-10-L-3-DFT-QPSK-Outer_Full-50@0-Ant1-823.99-21.51--34.51-PASS



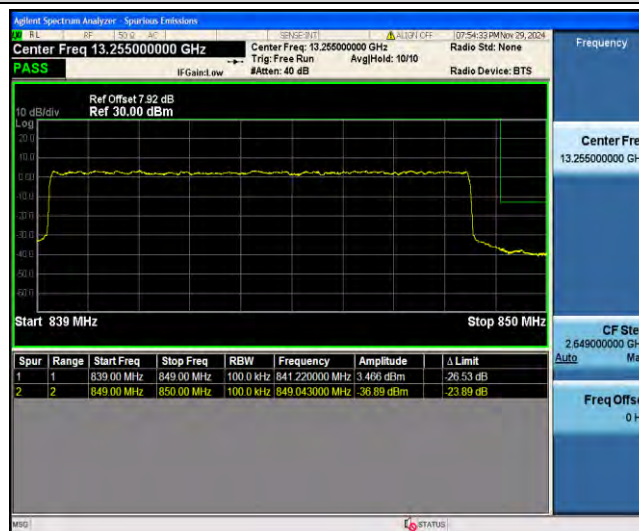
1-N5-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-19.53--32.53-PASS



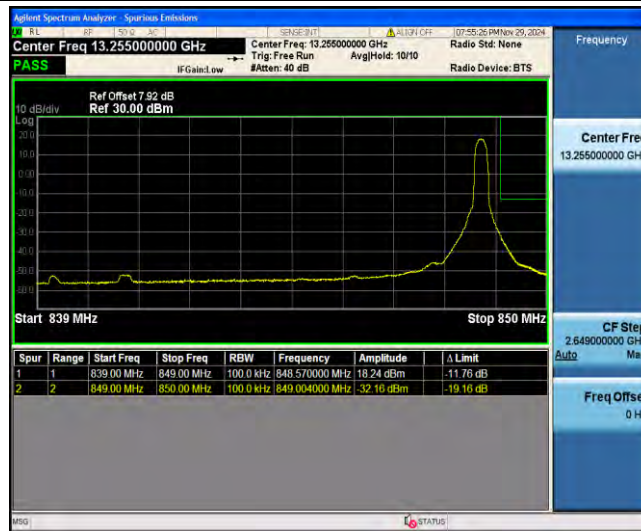
1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-823.95-20.88--33.88-PASS



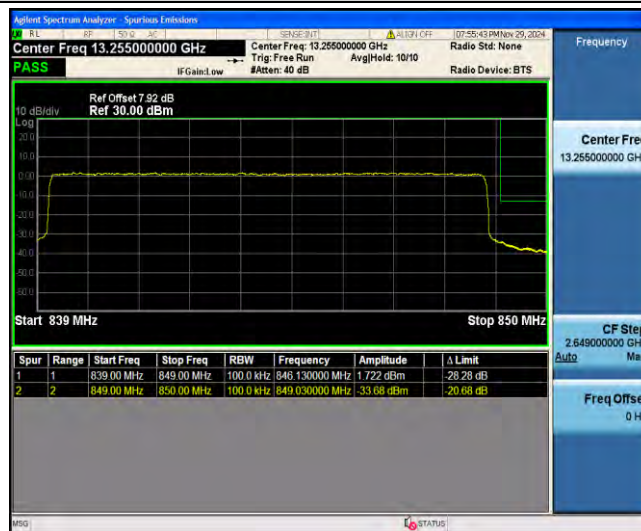
1-N5-PC3-15-10-H-2-DFT-QPSK-Edge_1RB_Right-1@51-Ant1-849.00-14.58--27.58-PASS



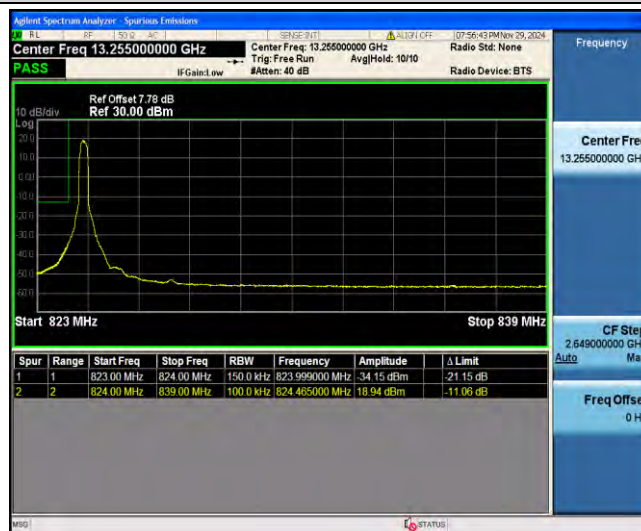
1-N5-PC3-15-10-H-3-DFT-QPSK-Outer_Full-50@0-Ant1-849.04-23.89--36.89-PASS



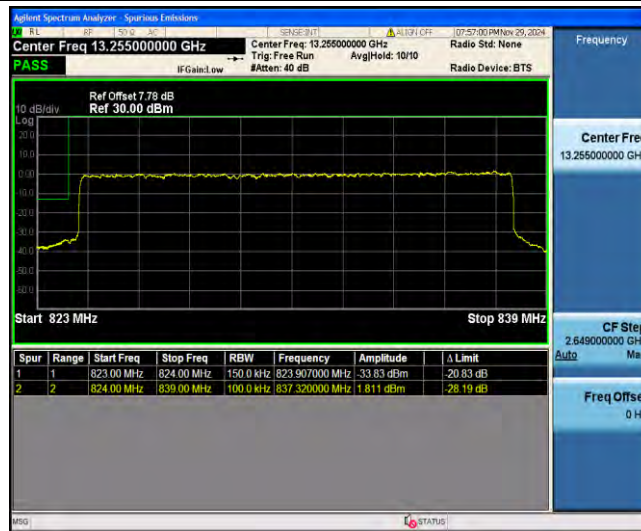
1-N5-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-849.00-19.16--32.16-PASS



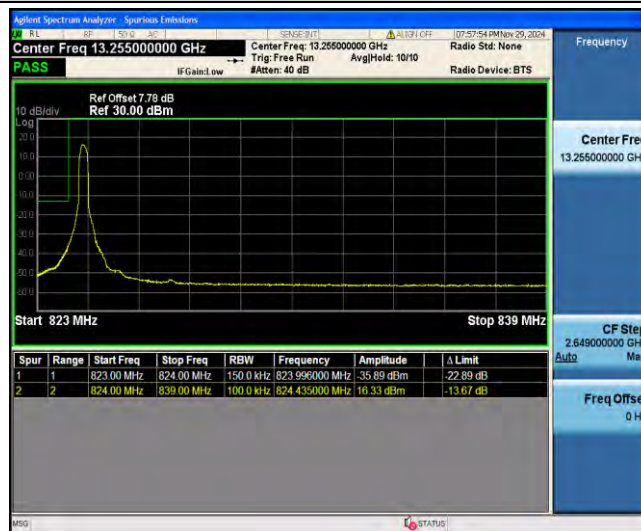
1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-849.03-20.68--33.68-PASS



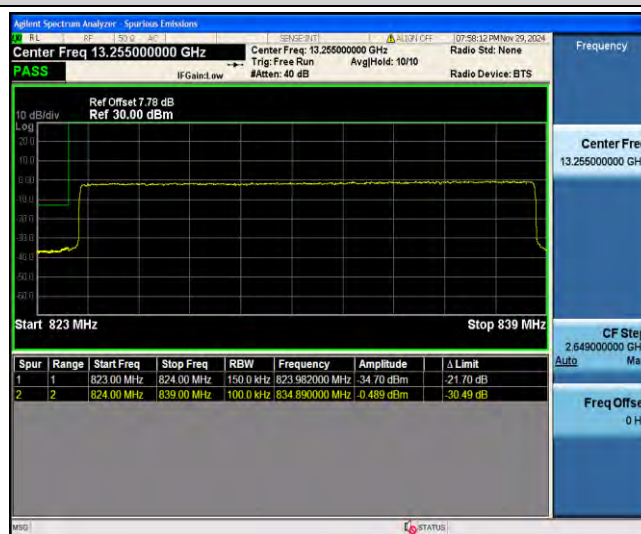
1-N5-PC3-15-15-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-21.15--34.15-PASS



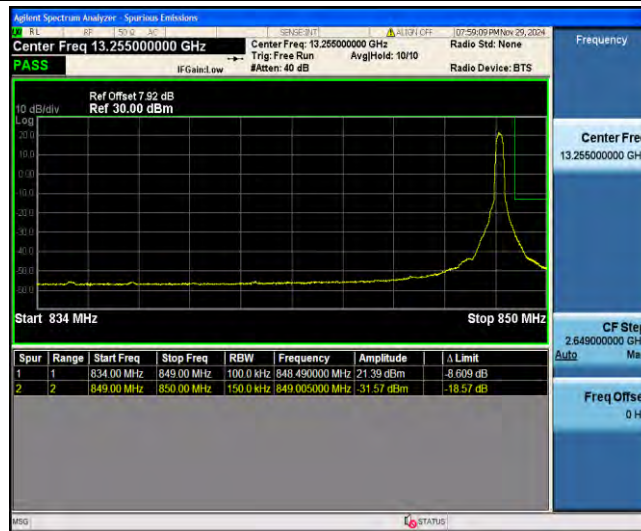
1-N5-PC3-15-15-L-3-DFT-QPSK-Outer_Full-75@0-Ant1-823.91-20.83--33.83-PASS



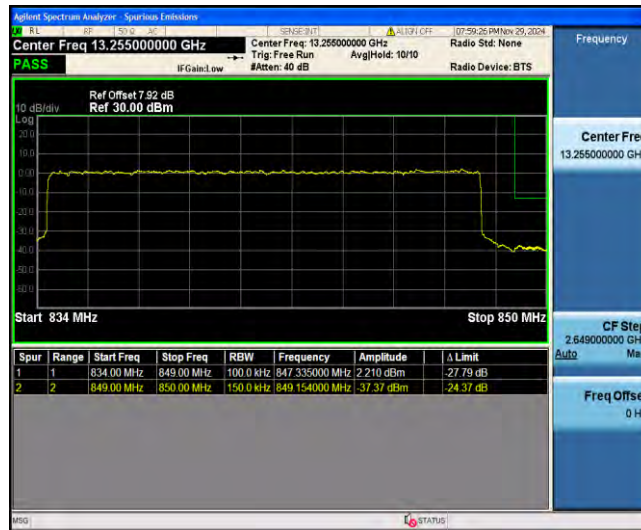
1-N5-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-22.89--35.89-PASS



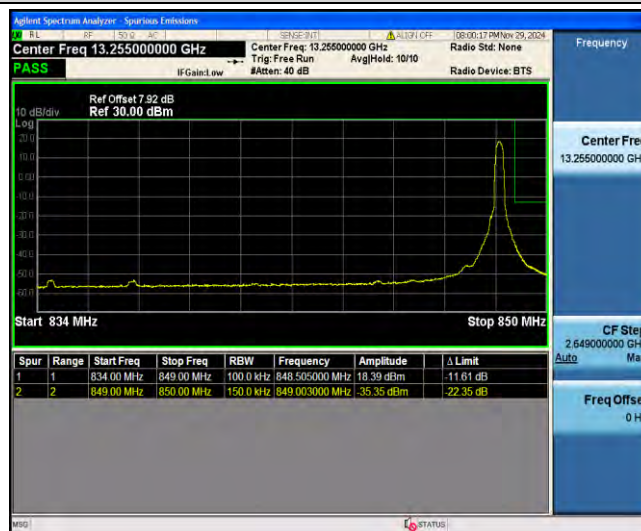
1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-823.98-21.70--34.70-PASS



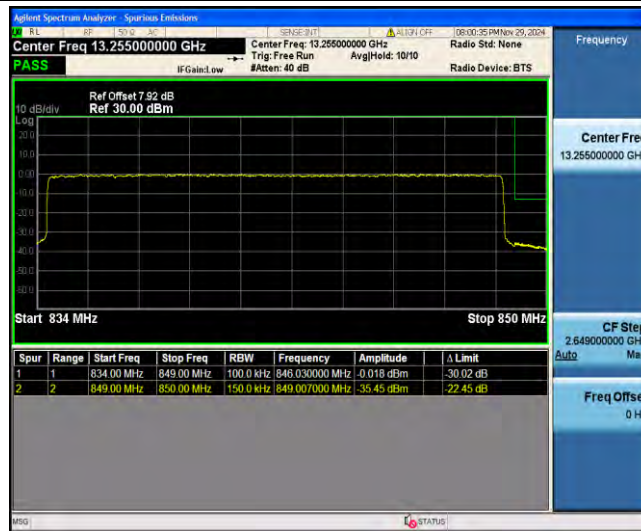
1-N5-PC3-15-15-H-2-DFT-QPSK-Edge_1RB_Right-1@78-Ant1-849.01-18.57--31.57-PASS



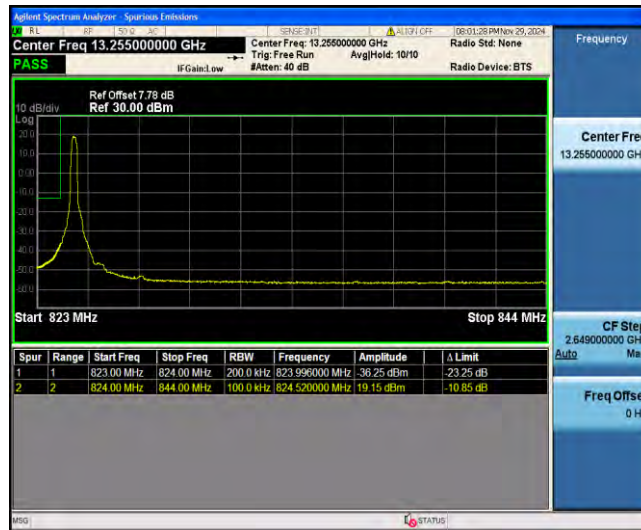
1-N5-PC3-15-15-H-3-DFT-QPSK-Outer_Full-75@0-Ant1-849.15-24.37--37.37-PASS



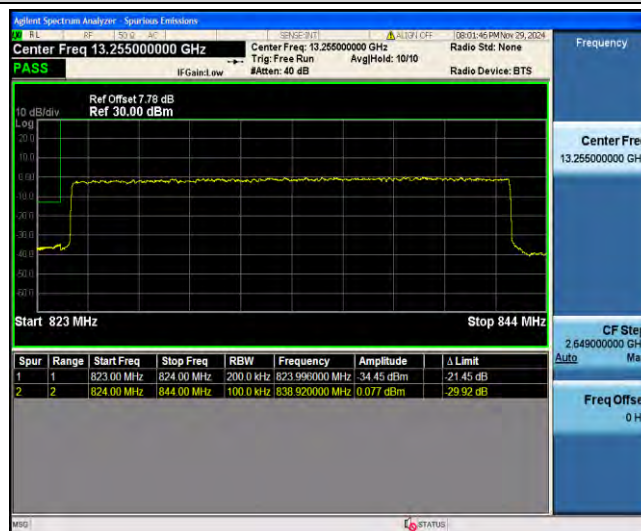
1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-849.00-22.35--35.35-PASS



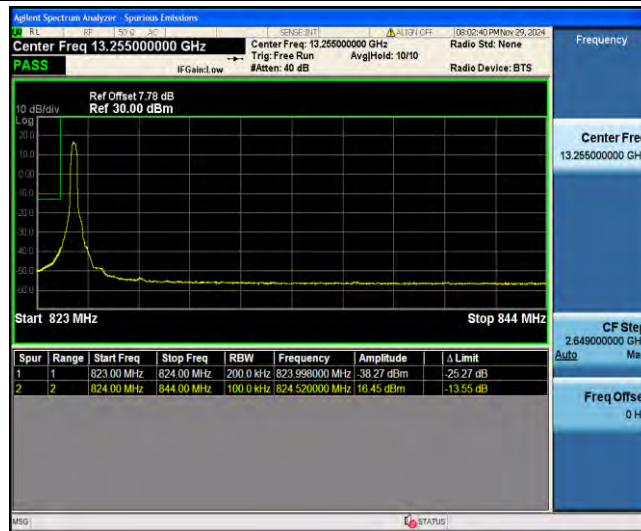
1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-849.01-22.45--35.45-PASS



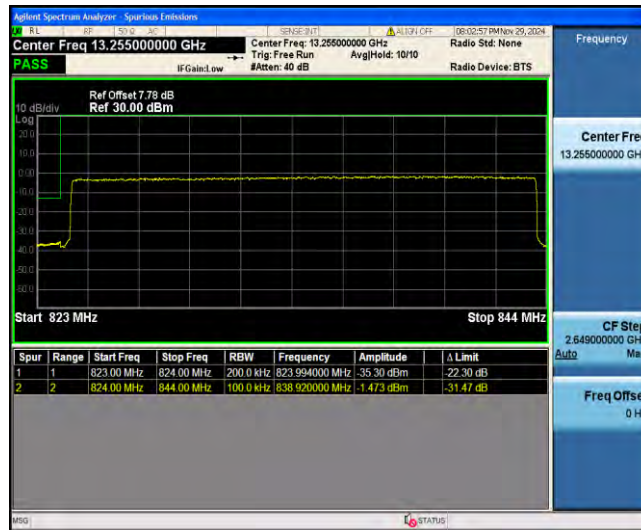
1-N5-PC3-15-20-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-23.25--36.25-PASS



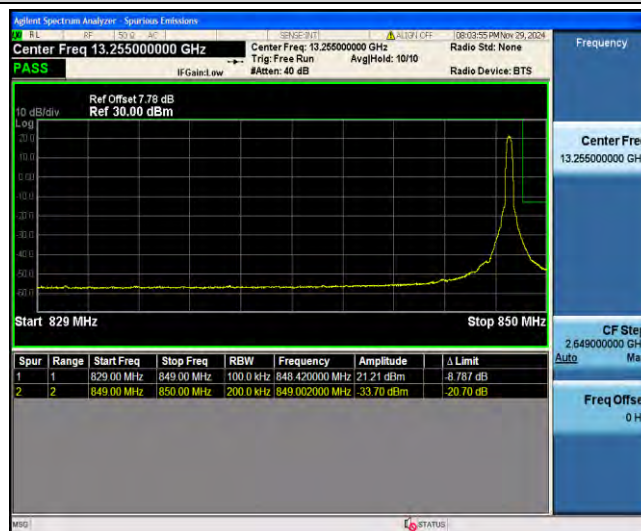
1-N5-PC3-15-20-L-3-DFT-QPSK-Outer_Full-100@0-Ant1-824.00-21.45--34.45-PASS



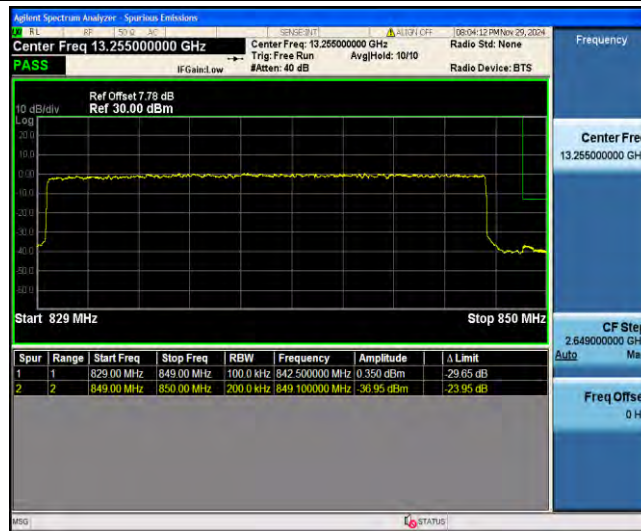
1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-824.00-25.27--38.27-PASS



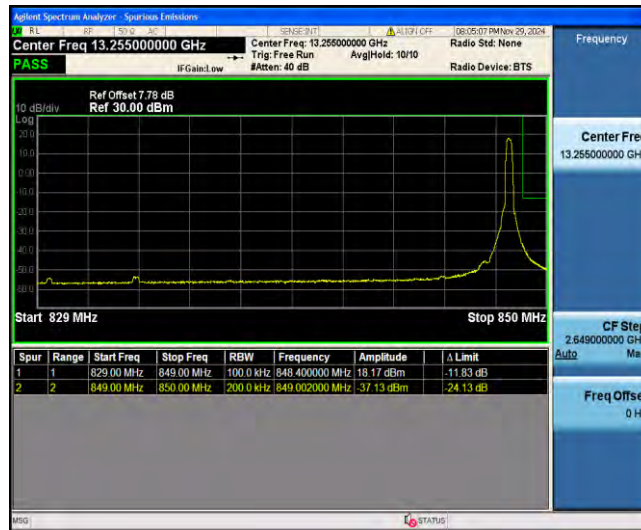
1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-823.99-22.30--35.30-PASS



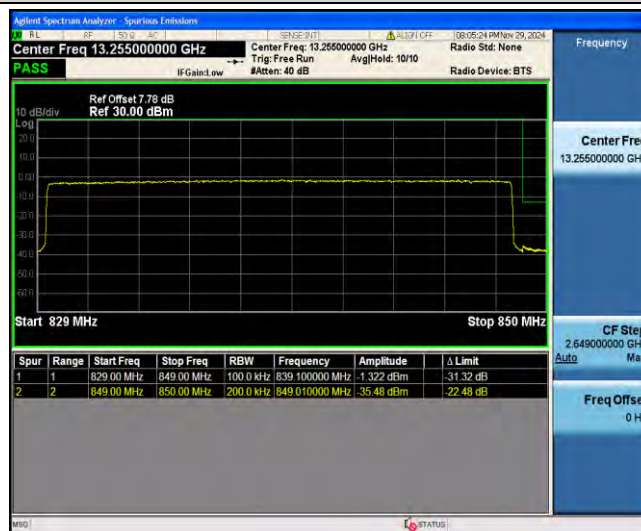
1-N5-PC3-15-20-H-2-DFT-QPSK-Edge_1RB_Right-1@105-Ant1-849.00-20.70--33.70-PASS



1-N5-PC3-15-20-H-3-DFT-QPSK-Outer_Full-100@0-Ant1-849.10-23.95--36.95-PASS



1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-849.00-24.13--37.13-PASS



1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-849.01-22.48--35.48-PASS

Conducted Spurious Emission for SA

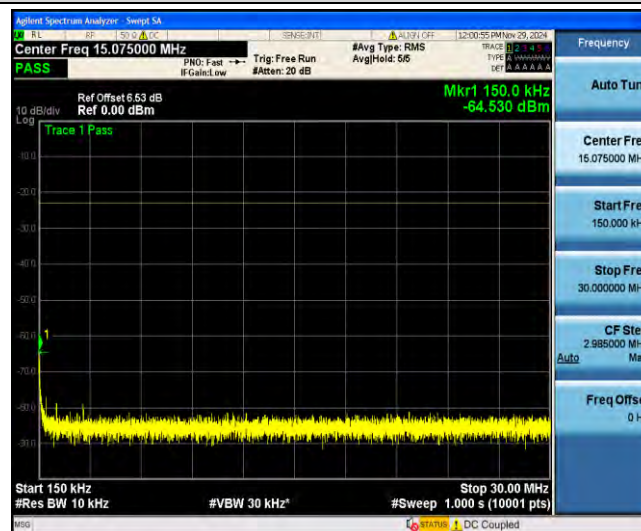
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result (dBm)	Limit (dBm)	Verdict
N5	15	20	DFT-QPSK	L	0.009	0.15	1@0	-53.85	-33	PASS
N5	15	20	DFT-QPSK	L	0.15	30	1@0	-64.53	-23	PASS
N5	15	20	DFT-QPSK	L	30	1000	1@0	-45.86	-13	PASS
N5	15	20	DFT-QPSK	L	1000	3000	1@0	-38.80	-13	PASS
N5	15	20	DFT-QPSK	L	3000	12000	1@0	-46.96	-13	PASS
N5	15	20	DFT-QPSK	L	12000	20000	1@0	-44.12	-13	PASS
N5	15	20	DFT-QPSK	M	0.009	0.15	1@0	-52.78	-33	PASS
N5	15	20	DFT-QPSK	M	0.15	30	1@0	-59.29	-23	PASS
N5	15	20	DFT-QPSK	M	30	1000	1@0	-54.34	-13	PASS
N5	15	20	DFT-QPSK	M	1000	3000	1@0	-38.78	-13	PASS
N5	15	20	DFT-QPSK	M	3000	12000	1@0	-47.02	-13	PASS
N5	15	20	DFT-QPSK	M	12000	20000	1@0	-44.11	-13	PASS
N5	15	20	DFT-QPSK	H	0.009	0.15	1@0	-61.14	-33	PASS
N5	15	20	DFT-QPSK	H	0.15	30	1@0	-64.05	-23	PASS
N5	15	20	DFT-QPSK	H	30	1000	1@0	-54.66	-13	PASS
N5	15	20	DFT-QPSK	H	1000	3000	1@0	-38.84	-13	PASS
N5	15	20	DFT-QPSK	H	3000	12000	1@0	-46.96	-13	PASS
N5	15	20	DFT-QPSK	H	12000	20000	1@0	-43.96	-13	PASS

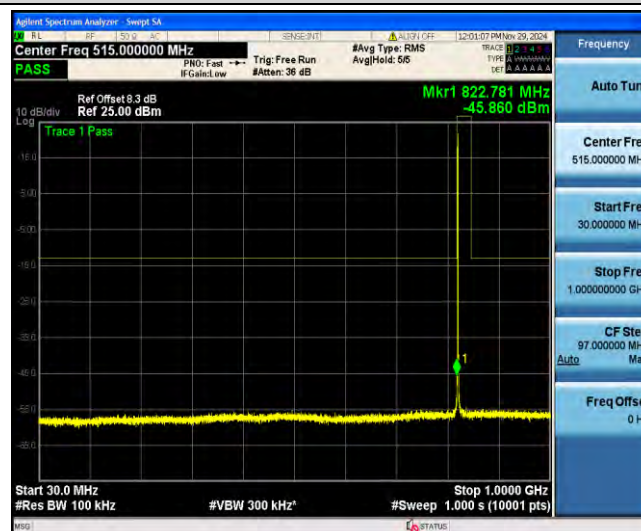
Test Graphs



1-N5-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.03--53.85--33-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-0.15--64.53--23-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-822.78--45.86--13-PASS



1-N5-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2667.60--38.80--13-PASS



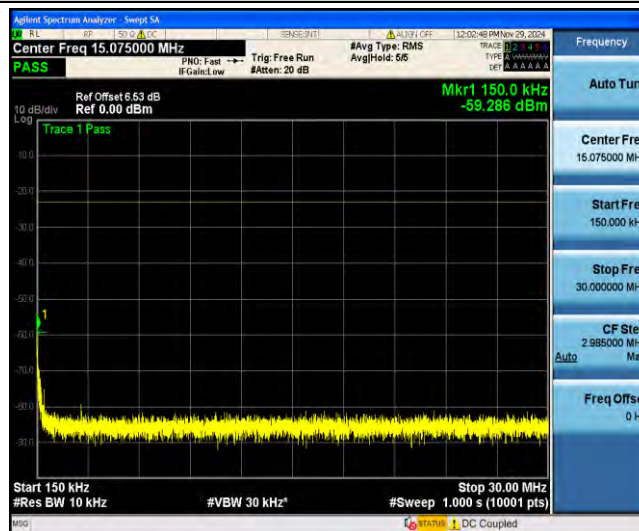
1-N5-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant1-5853.90--46.96--13-PASS



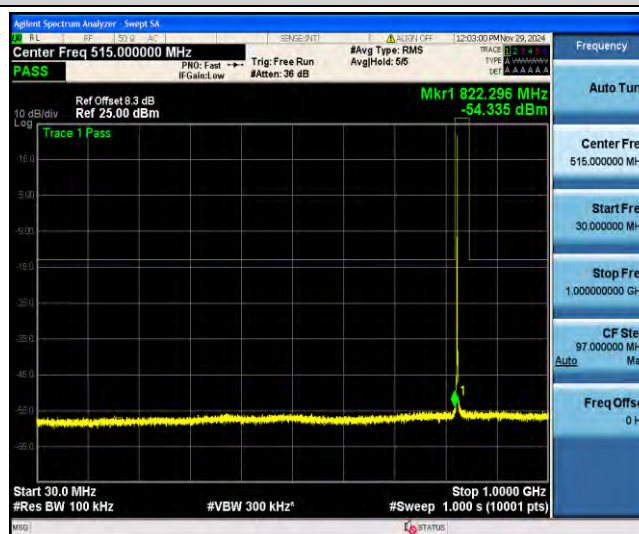
1-N5-PC3-15-20-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant1-18760.00--44.12--13-PAS



1-N5-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.03--52.78--33-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-0.15--59.29--23-PASS



1-N5-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-822.30--54.34--13-PASS



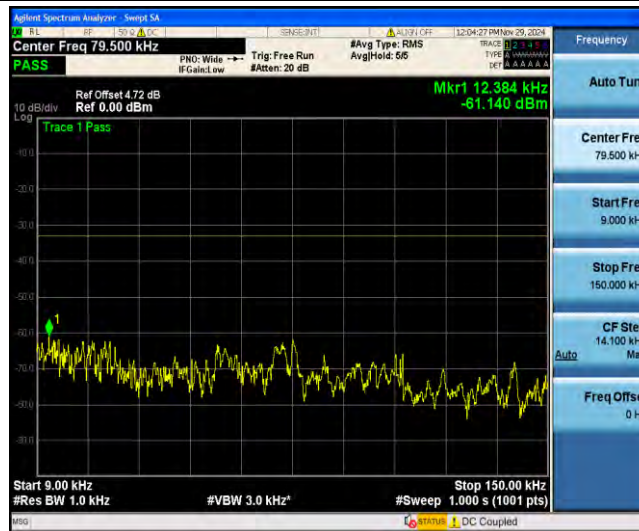
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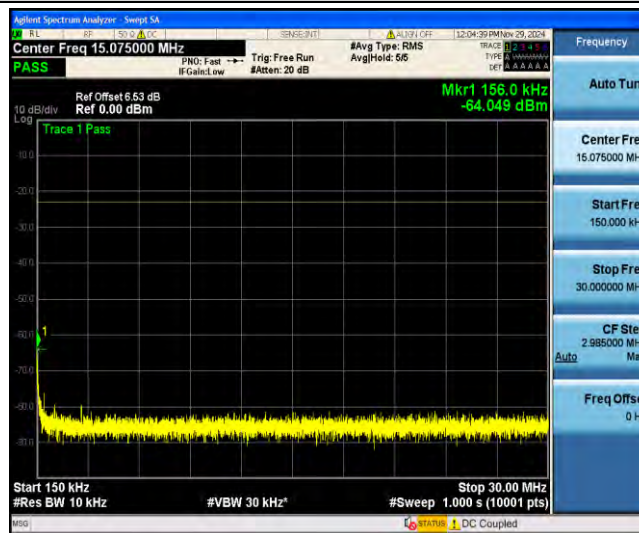
1-N5-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant1-5876.40--47.02--13-PASS



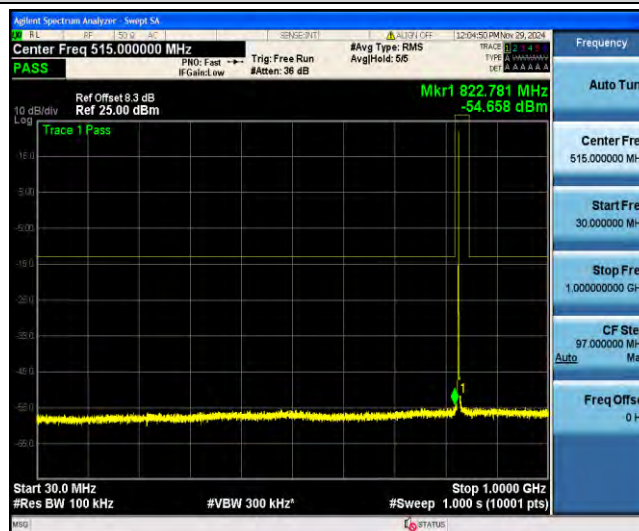
1-N5-PC3-15-20-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant1-18730.00--44.11--13-PA



1-N5-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.01--61.14--33-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-0.16--64.05--23-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-822.78--54.66--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2663.00--38.84--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant1-5851.20--46.96--13-PASS



1-N5-PC3-15-20-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant1-18715.20--43.96--13-PAS

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-QPSK	M	100@0	NV	NT	-4.56	-0.00545	PASS
N5	15	20	DFT-QPSK	M	100@0	LV	NT	-5.21	-0.00623	PASS
N5	15	20	DFT-QPSK	M	100@0	HV	NT	-4.60	-0.00550	PASS
N5	15	20	CP-QPSK	M	106@0	NV	NT	0.08	0.00010	PASS
N5	15	20	CP-QPSK	M	106@0	LV	NT	0.57	0.00068	PASS
N5	15	20	CP-QPSK	M	106@0	HV	NT	0.74	0.00088	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-QPSK	M	100@0	NV	-20	-5.636000	-0.006738	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	50	-5.442000	-0.006506	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	40	-6.584000	-0.007871	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	10	-6.049000	-0.007231	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	-10	-5.579000	-0.006669	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	-30	-5.224000	-0.006245	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	30	-3.621000	-0.004329	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	0	-4.774000	-0.005707	PASS
N5	15	20	DFT-QPSK	M	100@0	NV	20	-6.296000	-0.007527	PASS
N5	15	20	CP-QPSK	M	106@0	NV	0	0.206000	0.000246	PASS
N5	15	20	CP-QPSK	M	106@0	NV	10	0.953000	0.001139	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-10	-0.522000	-0.000624	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-20	0.721000	0.000862	PASS
N5	15	20	CP-QPSK	M	106@0	NV	50	0.736000	0.000880	PASS
N5	15	20	CP-QPSK	M	106@0	NV	30	0.639000	0.000764	PASS
N5	15	20	CP-QPSK	M	106@0	NV	-30	0.970000	0.001160	PASS
N5	15	20	CP-QPSK	M	106@0	NV	40	-1.287000	-0.001539	PASS
N5	15	20	CP-QPSK	M	106@0	NV	20	0.054000	0.000065	PASS

Field Strength of Spurious Radiation

NR N5 ANT1-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
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	-62.48	-13	-49.48	-65.36	2.62	5.5	Horizontal	Pass
2475.0	-69.55	-13	-56.55	-72.25	3.06	5.76	Horizontal	Pass
3300.0	-67.24	-13	-54.24	-71.61	3.3	7.67	Horizontal	Pass
1650.0	-65.23	-13	-52.23	-68.11	2.62	5.5	Vertical	Pass
2475.0	-69.35	-13	-56.35	-72.05	3.06	5.76	Vertical	Pass
3300.0	-67.47	-13	-54.47	-71.84	3.3	7.67	Vertical	Pass

NR N5 ANT1-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
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	-65.49	-13	-52.49	-68.36	2.62	5.49	Horizontal	Pass
2482.5	-69.55	-13	-56.55	-72.26	3.07	5.78	Horizontal	Pass
3310.0	-67.74	-13	-54.74	-72.14	3.3	7.7	Horizontal	Pass
1655.0	-71.36	-13	-58.36	-74.23	2.62	5.49	Vertical	Pass
2482.5	-69.21	-13	-56.21	-71.92	3.07	5.78	Vertical	Pass
3310.0	-67.61	-13	-54.61	-72.01	3.3	7.7	Vertical	Pass

NR N5 ANT1-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#1								
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	-71.65	-13	-58.65	-74.51	2.62	5.48	Horizontal	Pass
2490.0	-69.75	-13	-56.75	-72.48	3.07	5.8	Horizontal	Pass
3320.0	-67.59	-13	-54.59	-72.0	3.31	7.72	Horizontal	Pass
1660.0	-72.21	-13	-59.21	-75.07	2.62	5.48	Vertical	Pass
2490.0	-69.52	-13	-56.52	-72.25	3.07	5.8	Vertical	Pass
3320.0	-67.92	-13	-54.92	-72.33	3.31	7.72	Vertical	Pass

NSA_66A_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	-66.79	-13	-53.79	-71.16	3.3	7.67	Horizontal	Pass
4125.0	-65.45	-13	-52.45	-70.46	3.97	8.98	Horizontal	Pass
4950.0	-63.01	-13	-50.01	-68.53	4.55	10.07	Horizontal	Pass
3300.0	-66.75	-13	-53.75	-71.12	3.3	7.67	Vertical	Pass
4125.0	-65.24	-13	-52.24	-70.25	3.97	8.98	Vertical	Pass
4950.0	-63.06	-13	-50.06	-68.58	4.55	10.07	Vertical	Pass

NSA_66A_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	-66.95	-13	-53.95	-71.35	3.3	7.7	Horizontal	Pass
4137.5	-65.54	-13	-52.54	-70.55	3.98	8.99	Horizontal	Pass
4965.0	-62.54	-13	-49.54	-68.08	4.55	10.09	Horizontal	Pass
3310.0	-67.02	-13	-54.02	-71.42	3.3	7.7	Vertical	Pass
4137.5	-65.04	-13	-52.04	-70.05	3.98	8.99	Vertical	Pass
4965.0	-63.02	-13	-50.02	-68.56	4.55	10.09	Vertical	Pass

NSA_66A_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	-66.91	-13	-53.91	-71.32	3.31	7.72	Horizontal	Pass
4150.0	-65.54	-13	-52.54	-70.56	3.99	9.01	Horizontal	Pass
4980.0	-62.83	-13	-49.83	-68.38	4.56	10.11	Horizontal	Pass
3320.0	-66.4	-13	-53.4	-70.81	3.31	7.72	Vertical	Pass
4150.0	-65.04	-13	-52.04	-70.06	3.99	9.01	Vertical	Pass
4980.0	-62.41	-13	-49.41	-67.96	4.56	10.11	Vertical	Pass

NA CA_n5A_n7A-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
5002	-62.77	-25	-37.77	-68.34	4.57	10.14	Horizontal	Pass
7503	-60.42	-25	-35.42	-67.22	4.94	11.74	Horizontal	Pass
10004	-57.55	-25	-32.55	-65.12	5.46	13.03	Horizontal	Pass
5002	-62.53	-25	-37.53	-68.1	4.57	10.14	Vertical	Pass
7503	-60.12	-25	-35.12	-66.92	4.94	11.74	Vertical	Pass
10004	-57.14	-25	-32.14	-64.71	5.46	13.03	Vertical	Pass

NA CA_n5A_n7A-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
5052	-63.38	-25	-38.38	-68.96	4.59	10.17	Horizontal	Pass
7578	-60.7	-25	-35.7	-67.58	4.95	11.83	Horizontal	Pass
10104	-57.32	-25	-32.32	-64.89	5.48	13.05	Horizontal	Pass
5052	-63.49	-25	-38.49	-69.07	4.59	10.17	Vertical	Pass
7578	-61.04	-25	-36.04	-67.92	4.95	11.83	Vertical	Pass
10104	-57.74	-25	-32.74	-65.31	5.48	13.05	Vertical	Pass

NA CA_n5A_n7A-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
5102	-63.72	-25	-38.72	-69.32	4.6	10.2	Horizontal	Pass
7653	-59.97	-25	-34.97	-66.94	4.95	11.92	Horizontal	Pass
10204	-57.83	-25	-32.83	-65.41	5.49	13.07	Horizontal	Pass
5102	-64.01	-25	-39.01	-69.61	4.6	10.2	Vertical	Pass
7653	-60.22	-25	-35.22	-67.19	4.95	11.92	Vertical	Pass
10204	-57.93	-25	-32.93	-65.51	5.49	13.07	Vertical	Pass

NA CA_n5A_n66A -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
3424	-66.74	-13	-53.74	-71.36	3.36	7.98	Horizontal	Pass
5136	-62.58	-13	-49.58	-68.19	4.61	10.22	Horizontal	Pass
6848	-60.88	-13	-47.88	-66.92	4.9	10.94	Horizontal	Pass
3424	-67.11	-13	-54.11	-71.73	3.36	7.98	Vertical	Pass
5136	-62.81	-13	-49.81	-68.42	4.61	10.22	Vertical	Pass
6848	-61.35	-13	-48.35	-67.39	4.9	10.94	Vertical	Pass

NA CA_n5A_n66A -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
3454	-67.1	-13	-54.1	-71.78	3.38	8.06	Horizontal	Pass
5181	-63.51	-13	-50.51	-69.13	4.63	10.25	Horizontal	Pass
6908	-61.66	-13	-48.66	-67.76	4.91	11.01	Horizontal	Pass
3454	-66.94	-13	-53.94	-71.62	3.38	8.06	Vertical	Pass
5181	-63.82	-13	-50.82	-69.44	4.63	10.25	Vertical	Pass
6908	-62.03	-13	-49.03	-68.13	4.91	11.01	Vertical	Pass

NA CA_n5A_n66A -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
3484	-66.54	-13	-53.54	-71.28	3.39	8.13	Horizontal	Pass
5226	-63.09	-13	-50.09	-68.73	4.64	10.28	Horizontal	Pass
6968	-61.29	-13	-48.29	-67.47	4.91	11.09	Horizontal	Pass
3484	-67.3	-13	-54.3	-72.04	3.39	8.13	Vertical	Pass
5226	-63.71	-13	-50.71	-69.35	4.64	10.28	Vertical	Pass
6968	-61.46	-13	-48.46	-67.64	4.91	11.09	Vertical	Pass

NA CA_n5A_n77A 3450-3550-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
6910	-60.61	-13	-47.61	-66.71	4.91	11.01	Horizontal	Pass
10365	-56.24	-13	-43.24	-63.82	5.52	13.1	Horizontal	Pass
13820	-53.81	-13	-40.81	-61.98	6.21	14.38	Horizontal	Pass
6910	-60.73	-13	-47.73	-66.83	4.91	11.01	Vertical	Pass
10365	-56.47	-13	-43.47	-64.05	5.52	13.1	Vertical	Pass
13820	-54.28	-13	-41.28	-62.45	6.21	14.38	Vertical	Pass

NA CA_n5A_n77A 3700-3980 -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
7410	-59.91	-13	-46.91	-66.6	4.94	11.63	Horizontal	Pass
11115	-55.16	-13	-42.16	-62.61	5.81	13.26	Horizontal	Pass
14820	-54.31	-13	-41.31	-61.87	6.92	14.48	Horizontal	Pass
7410	-60.25	-13	-47.25	-66.94	4.94	11.63	Vertical	Pass
11115	-55.71	-13	-42.71	-63.16	5.81	13.26	Vertical	Pass
14820	-54.44	-13	-41.44	-62.0	6.92	14.48	Vertical	Pass

NA CA_n5A_n77A 3700-3980-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
7590	-60.36	-13	-47.36	-67.26	4.95	11.85	Horizontal	Pass
11385	-56.13	-13	-43.13	-63.52	5.86	13.25	Horizontal	Pass
15180	-55.13	-13	-42.13	-62.46	7.09	14.42	Horizontal	Pass
7590	-60.26	-13	-47.26	-67.16	4.95	11.85	Vertical	Pass
11385	-56.33	-13	-43.33	-63.72	5.86	13.25	Vertical	Pass
15180	-54.91	-13	-41.91	-62.24	7.09	14.42	Vertical	Pass

NA CA_n5A_n77A 3700-3980-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
7770	-59.28	-13	-46.28	-66.38	4.96	12.06	Horizontal	Pass
11655	-55.79	-13	-42.79	-63.14	5.9	13.25	Horizontal	Pass
15540	-53.56	-13	-40.56	-60.66	7.12	14.22	Horizontal	Pass
7770	-59.59	-13	-46.59	-66.69	4.96	12.06	Vertical	Pass
11655	-55.83	-13	-42.83	-63.18	5.9	13.25	Vertical	Pass
15540	-53.41	-13	-40.41	-60.51	7.12	14.22	Vertical	Pass

NA CA_n5A_n78A 3450-3550-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
6910	-60.94	-13	-47.94	-67.04	4.91	11.01	Horizontal	Pass
10365	-56.42	-13	-43.42	-64.0	5.52	13.1	Horizontal	Pass
13820	-54.87	-13	-41.87	-63.04	6.21	14.38	Horizontal	Pass
6910	-60.79	-13	-47.79	-66.89	4.91	11.01	Vertical	Pass
10365	-56.53	-13	-43.53	-64.11	5.52	13.1	Vertical	Pass
13820	-55.01	-13	-42.01	-63.18	6.21	14.38	Vertical	Pass

NA CA_n5A_n78A 3700-3800-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
7410	-60.5	-13	-47.5	-67.19	4.94	11.63	Horizontal	Pass
11115	-55.55	-13	-42.55	-63.0	5.81	13.26	Horizontal	Pass
14820	-54.83	-13	-41.83	-62.39	6.92	14.48	Horizontal	Pass
7410	-60.43	-13	-47.43	-67.12	4.94	11.63	Vertical	Pass
11115	-55.49	-13	-42.49	-62.94	5.81	13.26	Vertical	Pass
14820	-54.97	-13	-41.97	-62.53	6.92	14.48	Vertical	Pass