Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant 4

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-QPSK	L	1@1	23.40	24.40	33	PASS
N38	30	10	DFT-QPSK	L	1@22	22.99	23.99	33	PASS
N38	30	10	DFT-QPSK	L	24@0	22.24	23.24	33	PASS
N38	30	10	DFT-16QAM	L	1@1	22.13	23.13	33	PASS
N38	30	10	DFT-16QAM	L	1@22	21.80	22.80	33	PASS
N38	30	10	DFT-16QAM	L	24@0	21.23	22.23	33	PASS
N38	30	10	DFT-64QAM	L	1@1	20.87	21.87	33	PASS
N38	30	10	DFT-64QAM	L	1@22	20.48	21.48	33	PASS
N38	30	10	DFT-64QAM	L	24@0	20.75	21.75	33	PASS
N38	30	10	DFT-256QAM	L	1@1	20.78	21.78	33	PASS
N38	30	10	DFT-256QAM	L	1@22	20.45	21.45	33	PASS
N38	30	10	DFT-256QAM	L	24@0	20.76	21.76	33	PASS
N38	30	10	DFT-QPSK	M	1@1	22.60	23.60	33	PASS
N38	30	10	DFT-QPSK	M	1@22	23.20	24.20	33	PASS
N38	30	10	DFT-QPSK	M	24@0	21.86	22.86	33	PASS
N38	30	10	DFT-16QAM	M	1@1	21.43	22.43	33	PASS
N38	30	10	DFT-16QAM	M	1@22	22.11	23.11	33	PASS
N38	30	10	DFT-16QAM	M	24@0	20.75	21.75	33	PASS
N38	30	10	DFT-64QAM	M	1@1	20.17	21.17	33	PASS
N38	30	10	DFT-64QAM	M	1@22	20.83	21.83	33	PASS
N38	30	10	DFT-64QAM	M	24@0	20.41	21.41	33	PASS
N38	30	10	DFT-256QAM	M	1@1	19.94	20.94	33	PASS
N38	30	10	DFT-256QAM	M	1@22	20.57	21.57	33	PASS
N38	30	10	DFT-256QAM	M	24@0	20.42	21.42	33	PASS
N38	30	10	DFT-QPSK	H	1@1	23.42	24.42	33	PASS
N38	30	10	DFT-QPSK	H	1@22	22.99	23.99	33	PASS
N38	30	10	DFT-QPSK	H	24@0	22.15	23.15	33	PASS
N38	30	10	DFT-16QAM	H	1@1	22.18	23.18	33	PASS
N38	30	10	DFT-16QAM	H	1@22	21.77	22.77	33	PASS
N38	30	10	DFT-16QAM	H	24@0	21.16	22.16	33	PASS
N38	30	10	DFT-64QAM	H	1@1	20.94	21.94	33	PASS
N38	30	10	DFT-64QAM	H	1@22	20.50	21.50	33	PASS
N38	30	10	DFT-64QAM	H	24@0	20.69	21.69	33	PASS
N38	30	10	DFT-256QAM	H	1@1	20.74	21.74	33	PASS
N38	30	10	DFT-256QAM	H	1@22	20.36	21.36	33	PASS
N38	30	10	DFT-256QAM	H	24@0	20.70	21.70	33	PASS
N38	30	15	DFT-QPSK	L	1@1	23.46	24.46	33	PASS

N38	30	15	DFT-QPSK	L	1@36	22.70	23.70	33	PASS
N38	30	15	DFT-QPSK	L	36@0	22.11	23.11	33	PASS
N38	30	15	DFT-16QAM	L	1@1	22.18	23.18	33	PASS
N38	30	15	DFT-16QAM	L	1@36	21.44	22.44	33	PASS
N38	30	15	DFT-16QAM	L	36@0	21.04	22.04	33	PASS
N38	30	15	DFT-64QAM	L	1@1	20.78	21.78	33	PASS
N38	30	15	DFT-64QAM	L	1@36	20.05	21.05	33	PASS
N38	30	15	DFT-64QAM	L	36@0	20.62	21.62	33	PASS
N38	30	15	DFT-256QAM	L	1@1	20.88	21.88	33	PASS
N38	30	15	DFT-256QAM	L	1@36	20.14	21.14	33	PASS
N38	30	15	DFT-256QAM	L	36@0	20.59	21.59	33	PASS
N38	30	15	DFT-QPSK	M	1@1	22.57	23.57	33	PASS
N38	30	15	DFT-QPSK	M	1@36	23.52	24.52	33	PASS
N38	30	15	DFT-QPSK	M	36@0	21.89	22.89	33	PASS
N38	30	15	DFT-16QAM	M	1@1	21.32	22.32	33	PASS
N38	30	15	DFT-16QAM	M	1@36	22.16	23.16	33	PASS
N38	30	15	DFT-16QAM	M	36@0	20.84	21.84	33	PASS
N38	30	15	DFT-64QAM	M	1@1	19.98	20.98	33	PASS
N38	30	15	DFT-64QAM	M	1@36	20.94	21.94	33	PASS
N38	30	15	DFT-64QAM	M	36@0	20.44	21.44	33	PASS
N38	30	15	DFT-256QAM	M	1@1	20.00	21.00	33	PASS
N38	30	15	DFT-256QAM	M	1@36	20.94	21.94	33	PASS
N38	30	15	DFT-256QAM	M	36@0	20.34	21.34	33	PASS
N38	30	15	DFT-QPSK	H	1@1	23.67	24.67	33	PASS
N38	30	15	DFT-QPSK	H	1@36	22.98	23.98	33	PASS
N38	30	15	DFT-QPSK	H	36@0	22.33	23.33	33	PASS
N38	30	15	DFT-16QAM	H	1@1	22.44	23.44	33	PASS
N38	30	15	DFT-16QAM	H	1@36	21.78	22.78	33	PASS
N38	30	15	DFT-16QAM	H	36@0	21.31	22.31	33	PASS
N38	30	15	DFT-64QAM	H	1@1	21.09	22.09	33	PASS
N38	30	15	DFT-64QAM	H	1@36	20.44	21.44	33	PASS
N38	30	15	DFT-64QAM	H	36@0	20.88	21.88	33	PASS
N38	30	15	DFT-256QAM	H	1@1	21.07	22.07	33	PASS
N38	30	15	DFT-256QAM	H	1@36	20.44	21.44	33	PASS
N38	30	15	DFT-256QAM	H	36@0	20.82	21.82	33	PASS
N38	30	20	DFT-QPSK	L	1@1	23.47	24.47	33	PASS
N38	30	20	DFT-QPSK	L	1@49	22.55	23.55	33	PASS
N38	30	20	DFT-QPSK	L	50@0	21.95	22.95	33	PASS
N38	30	20	DFT-16QAM	L	1@1	22.17	23.17	33	PASS
N38	30	20	DFT-16QAM	L	1@49	21.29	22.29	33	PASS
N38	30	20	DFT-16QAM	L	50@0	20.99	21.99	33	PASS
N38	30	20	DFT-64QAM	L	1@1	20.75	21.75	33	PASS
N38	30	20	DFT-64QAM	L	1@49	19.92	20.92	33	PASS
N38	30	20	DFT-64QAM	L	50@0	20.49	21.49	33	PASS

N38	30	20	DFT-256QAM	L	1@1	20.93	21.93	33	PASS
N38	30	20	DFT-256QAM	L	1@49	19.99	20.99	33	PASS
N38	30	20	DFT-256QAM	L	50@0	20.51	21.51	33	PASS
N38	30	20	DFT-QPSK	M	1@1	22.58	23.58	33	PASS
N38	30	20	DFT-QPSK	M	1@49	23.66	24.66	33	PASS
N38	30	20	DFT-QPSK	M	50@0	21.91	22.91	33	PASS
N38	30	20	DFT-16QAM	M	1@1	21.33	22.33	33	PASS
N38	30	20	DFT-16QAM	M	1@49	22.38	23.38	33	PASS
N38	30	20	DFT-16QAM	M	50@0	20.92	21.92	33	PASS
N38	30	20	DFT-64QAM	M	1@1	19.96	20.96	33	PASS
N38	30	20	DFT-64QAM	M	1@49	21.04	22.04	33	PASS
N38	30	20	DFT-64QAM	M	50@0	20.42	21.42	33	PASS
N38	30	20	DFT-256QAM	M	1@1	20.12	21.12	33	PASS
N38	30	20	DFT-256QAM	M	1@49	21.07	22.07	33	PASS
N38	30	20	DFT-256QAM	M	50@0	20.45	21.45	33	PASS
N38	30	20	DFT-QPSK	H	1@1	23.47	24.47	33	PASS
N38	30	20	DFT-QPSK	H	1@49	22.98	23.98	33	PASS
N38	30	20	DFT-QPSK	H	50@0	22.37	23.37	33	PASS
N38	30	20	DFT-16QAM	H	1@1	22.22	23.22	33	PASS
N38	30	20	DFT-16QAM	H	1@49	21.70	22.70	33	PASS
N38	30	20	DFT-16QAM	H	50@0	21.39	22.39	33	PASS
N38	30	20	DFT-64QAM	H	1@1	20.86	21.86	33	PASS
N38	30	20	DFT-64QAM	H	1@49	20.45	21.45	33	PASS
N38	30	20	DFT-64QAM	H	50@0	20.92	21.92	33	PASS
N38	30	20	DFT-256QAM	H	1@1	20.89	21.89	33	PASS
N38	30	20	DFT-256QAM	H	1@49	20.45	21.45	33	PASS
N38	30	20	DFT-256QAM	H	50@0	20.95	21.95	33	PASS
N38	30	30	DFT-QPSK	L	1@1	23.58	24.58	33	PASS
N38	30	30	DFT-QPSK	L	1@76	23.26	24.26	33	PASS
N38	30	30	DFT-QPSK	L	75@0	21.96	22.96	33	PASS
N38	30	30	DFT-16QAM	L	1@1	22.26	23.26	33	PASS
N38	30	30	DFT-16QAM	L	1@76	21.93	22.93	33	PASS
N38	30	30	DFT-16QAM	L	75@0	20.99	21.99	33	PASS
N38	30	30	DFT-64QAM	L	1@1	20.89	21.89	33	PASS
N38	30	30	DFT-64QAM	L	1@76	20.67	21.67	33	PASS
N38	30	30	DFT-64QAM	L	75@0	20.50	21.50	33	PASS
N38	30	30	DFT-256QAM	L	1@1	20.97	21.97	33	PASS
N38	30	30	DFT-256QAM	L	1@76	20.71	21.71	33	PASS
N38	30	30	DFT-256QAM	L	75@0	20.49	21.49	33	PASS
N38	30	30	DFT-QPSK	M	1@1	22.90	23.90	33	PASS
N38	30	30	DFT-QPSK	M	1@76	23.69	24.69	33	PASS
N38	30	30	DFT-QPSK	M	75@0	22.05	23.05	33	PASS
N38	30	30	DFT-16QAM	M	1@1	21.62	22.62	33	PASS
N38	30	30	DFT-16QAM	M	1@76	22.37	23.37	33	PASS

N38	30	30	DFT-16QAM	M	75@0	21.08	22.08	33	PASS
N38	30	30	DFT-64QAM	M	1@1	20.19	21.19	33	PASS
N38	30	30	DFT-64QAM	M	1@76	20.98	21.98	33	PASS
N38	30	30	DFT-64QAM	M	75@0	20.53	21.53	33	PASS
N38	30	30	DFT-256QAM	M	1@1	20.33	21.33	33	PASS
N38	30	30	DFT-256QAM	M	1@76	21.13	22.13	33	PASS
N38	30	30	DFT-256QAM	M	75@0	20.54	21.54	33	PASS
N38	30	30	DFT-QPSK	H	1@1	22.66	23.66	33	PASS
N38	30	30	DFT-QPSK	H	1@76	23.09	24.09	33	PASS
N38	30	30	DFT-QPSK	H	75@0	22.33	23.33	33	PASS
N38	30	30	DFT-16QAM	H	1@1	21.36	22.36	33	PASS
N38	30	30	DFT-16QAM	H	1@76	21.73	22.73	33	PASS
N38	30	30	DFT-16QAM	H	75@0	21.34	22.34	33	PASS
N38	30	30	DFT-64QAM	H	1@1	20.06	21.06	33	PASS
N38	30	30	DFT-64QAM	H	1@76	20.50	21.50	33	PASS
N38	30	30	DFT-64QAM	H	75@0	20.82	21.82	33	PASS
N38	30	30	DFT-256QAM	H	1@1	20.13	21.13	33	PASS
N38	30	30	DFT-256QAM	H	1@76	20.45	21.45	33	PASS
N38	30	30	DFT-256QAM	H	75@0	20.83	21.83	33	PASS
N38	30	40	DFT-QPSK	L	1@1	23.60	24.60	33	PASS
N38	30	40	DFT-QPSK	L	1@104	23.73	24.73	33	PASS
N38	30	40	DFT-QPSK	L	100@0	22.07	23.07	33	PASS
N38	30	40	DFT-16QAM	L	1@1	22.21	23.21	33	PASS
N38	30	40	DFT-16QAM	L	1@104	22.35	23.35	33	PASS
N38	30	40	DFT-16QAM	L	100@0	21.07	22.07	33	PASS
N38	30	40	DFT-64QAM	L	1@1	20.86	21.86	33	PASS
N38	30	40	DFT-64QAM	L	1@104	21.02	22.02	33	PASS
N38	30	40	DFT-64QAM	L	100@0	20.58	21.58	33	PASS
N38	30	40	DFT-256QAM	L	1@1	20.99	21.99	33	PASS
N38	30	40	DFT-256QAM	L	1@104	21.19	22.19	33	PASS
N38	30	40	DFT-256QAM	L	100@0	20.57	21.57	33	PASS
N38	30	40	DFT-QPSK	M	1@1	23.28	24.28	33	PASS
N38	30	40	DFT-QPSK	M	1@104	23.38	24.38	33	PASS
N38	30	40	DFT-QPSK	M	100@0	22.06	23.06	33	PASS
N38	30	40	DFT-16QAM	M	1@1	21.95	22.95	33	PASS
N38	30	40	DFT-16QAM	M	1@104	21.97	22.97	33	PASS
N38	30	40	DFT-16QAM	M	100@0	21.07	22.07	33	PASS
N38	30	40	DFT-64QAM	M	1@1	20.62	21.62	33	PASS
N38	30	40	DFT-64QAM	M	1@104	20.80	21.80	33	PASS
N38	30	40	DFT-64QAM	M	100@0	20.57	21.57	33	PASS
N38	30	40	DFT-256QAM	M	1@1	20.71	21.71	33	PASS
N38	30	40	DFT-256QAM	M	1@104	20.81	21.81	33	PASS
N38	30	40	DFT-256QAM	M	100@0	20.57	21.57	33	PASS
N38	30	40	DFT-QPSK	H	1@1	22.89	23.89	33	PASS

N38	30	40	DFT-QPSK	H	1@104	23.10	24.10	33	PASS
N38	30	40	DFT-QPSK	H	100@0	22.12	23.12	33	PASS
N38	30	40	DFT-16QAM	H	1@1	21.57	22.57	33	PASS
N38	30	40	DFT-16QAM	H	1@104	21.74	22.74	33	PASS
N38	30	40	DFT-16QAM	H	100@0	21.14	22.14	33	PASS
N38	30	40	DFT-64QAM	H	1@1	20.29	21.29	33	PASS
N38	30	40	DFT-64QAM	H	1@104	20.48	21.48	33	PASS
N38	30	40	DFT-64QAM	H	100@0	20.61	21.61	33	PASS
N38	30	40	DFT-256QAM	H	1@1	20.41	21.41	33	PASS
N38	30	40	DFT-256QAM	H	1@104	20.56	21.56	33	PASS
N38	30	40	DFT-256QAM	H	100@0	20.61	21.61	33	PASS

Peak-to-Average Ratio for SA

Test Graphs

1-N38-PC3-30-40-L-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.40dB-PASS

1-N38-PC3-30-40-L-2-NS_01-CP-256QAM-Outer_Full-106@0-8.05dB-PASS

1-N38-PC3-30-40-M-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.38dB-PASS

1-N38-PC3-30-40-M-2-NS_01-CP-256QAM-Outer_Full-106@0-8.03dB-PASS

1-N38-PC3-30-40-H-1-NS_01-DFT-256QAM-Outer_Full-100@0-6.41dB-PASS

1-N38-PC3-30-40-H-2-NS_01-CP-256QAM-Outer_Full-106@0-7.99dB-PASS

26dB Bandwidth and Occupied Bandwidth for SA

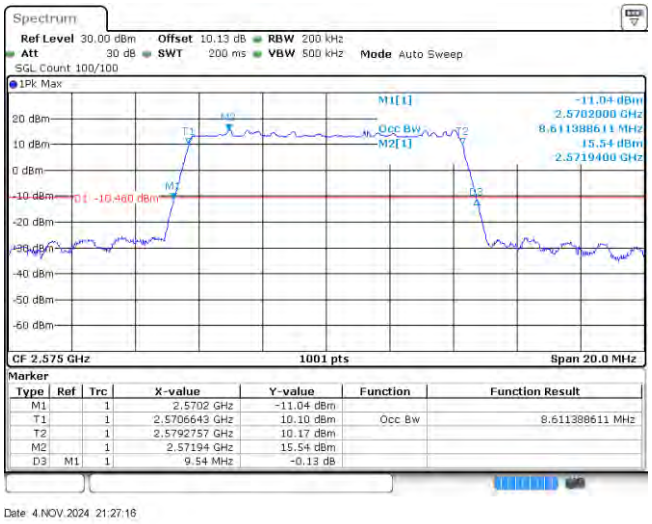
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% Result (MHz)	26dB Result (MHz)	Verdict
N38	30	10	DFT-QPSK	L	24@0	8.611	9.540	PASS
N38	30	10	DFT-16QAM	L	24@0	8.631	9.540	PASS
N38	30	10	DFT-64QAM	L	24@0	8.571	9.460	PASS
N38	30	10	DFT-256QAM	L	24@0	8.611	9.440	PASS
N38	30	10	CP-QPSK	L	24@0	8.611	9.520	PASS
N38	30	10	CP-16QAM	L	24@0	8.631	9.520	PASS
N38	30	10	CP-64QAM	L	24@0	8.631	9.500	PASS
N38	30	10	CP-256QAM	L	24@0	8.631	9.480	PASS
N38	30	10	DFT-QPSK	M	24@0	8.611	9.480	PASS
N38	30	10	DFT-16QAM	M	24@0	8.631	9.520	PASS
N38	30	10	DFT-64QAM	M	24@0	8.671	9.500	PASS
N38	30	10	DFT-256QAM	M	24@0	8.651	9.480	PASS
N38	30	10	CP-QPSK	M	24@0	8.611	9.560	PASS
N38	30	10	CP-16QAM	M	24@0	8.651	9.560	PASS
N38	30	10	CP-64QAM	M	24@0	8.631	9.500	PASS
N38	30	10	CP-256QAM	M	24@0	8.631	9.480	PASS
N38	30	10	DFT-QPSK	H	24@0	8.631	9.540	PASS
N38	30	10	DFT-16QAM	H	24@0	8.611	9.460	PASS
N38	30	10	DFT-64QAM	H	24@0	8.711	9.680	PASS
N38	30	10	DFT-256QAM	H	24@0	8.671	9.600	PASS
N38	30	10	CP-QPSK	H	24@0	8.611	9.500	PASS
N38	30	10	CP-16QAM	H	24@0	8.631	9.520	PASS
N38	30	10	CP-64QAM	H	24@0	8.631	9.480	PASS
N38	30	10	CP-256QAM	H	24@0	8.631	9.500	PASS
N38	30	15	DFT-QPSK	L	36@0	12.887	13.980	PASS
N38	30	15	DFT-16QAM	L	36@0	12.917	13.950	PASS
N38	30	15	DFT-64QAM	L	36@0	12.977	14.040	PASS
N38	30	15	DFT-256QAM	L	36@0	12.977	14.010	PASS
N38	30	15	CP-QPSK	L	38@0	13.636	14.730	PASS
N38	30	15	CP-16QAM	L	38@0	13.636	14.760	PASS
N38	30	15	CP-64QAM	L	38@0	13.666	14.730	PASS
N38	30	15	CP-256QAM	L	38@0	13.666	14.790	PASS
N38	30	15	DFT-QPSK	M	36@0	12.887	13.920	PASS
N38	30	15	DFT-16QAM	M	36@0	12.917	13.950	PASS

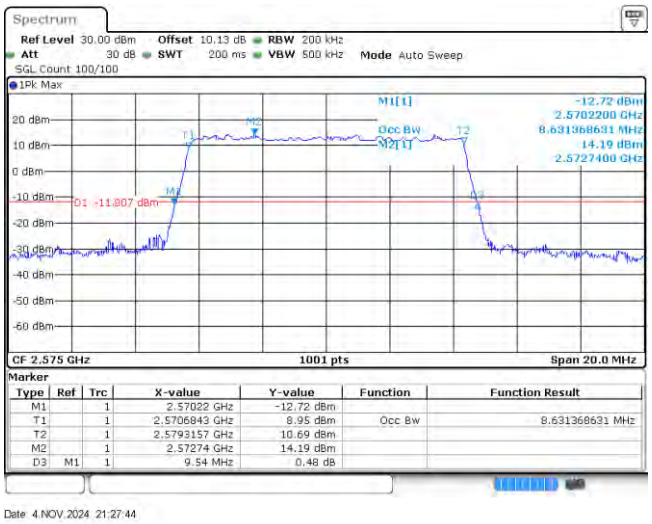
N38	30	15	DFT-64QAM	M	36@0	12.977	14.040	PASS
N38	30	15	DFT-256QAM	M	36@0	12.977	13.980	PASS
N38	30	15	CP-QPSK	M	38@0	13.606	14.790	PASS
N38	30	15	CP-16QAM	M	38@0	13.576	14.730	PASS
N38	30	15	CP-64QAM	M	38@0	13.636	14.790	PASS
N38	30	15	CP-256QAM	M	38@0	13.666	14.850	PASS
N38	30	15	DFT-QPSK	H	36@0	12.887	14.010	PASS
N38	30	15	DFT-16QAM	H	36@0	12.917	13.950	PASS
N38	30	15	DFT-64QAM	H	36@0	12.977	14.010	PASS
N38	30	15	DFT-256QAM	H	36@0	12.977	13.980	PASS
N38	30	15	CP-QPSK	H	38@0	13.636	14.700	PASS
N38	30	15	CP-16QAM	H	38@0	13.636	14.670	PASS
N38	30	15	CP-64QAM	H	38@0	13.666	14.730	PASS
N38	30	15	CP-256QAM	H	38@0	13.666	14.790	PASS
N38	30	20	DFT-QPSK	L	50@0	18.022	19.360	PASS
N38	30	20	DFT-16QAM	L	50@0	18.022	19.480	PASS
N38	30	20	DFT-64QAM	L	50@0	17.982	19.320	PASS
N38	30	20	DFT-256QAM	L	50@0	17.942	19.440	PASS
N38	30	20	CP-QPSK	L	51@0	18.342	19.760	PASS
N38	30	20	CP-16QAM	L	51@0	18.342	19.760	PASS
N38	30	20	CP-64QAM	L	51@0	18.342	19.720	PASS
N38	30	20	CP-256QAM	L	51@0	18.382	19.800	PASS
N38	30	20	DFT-QPSK	M	50@0	17.982	19.320	PASS
N38	30	20	DFT-16QAM	M	50@0	17.942	19.400	PASS
N38	30	20	DFT-64QAM	M	50@0	18.062	19.400	PASS
N38	30	20	DFT-256QAM	M	50@0	18.022	19.400	PASS
N38	30	20	CP-QPSK	M	51@0	18.342	19.720	PASS
N38	30	20	CP-16QAM	M	51@0	18.342	19.800	PASS
N38	30	20	CP-64QAM	M	51@0	18.302	19.760	PASS
N38	30	20	CP-256QAM	M	51@0	18.342	19.760	PASS
N38	30	20	DFT-QPSK	H	50@0	17.982	19.320	PASS
N38	30	20	DFT-16QAM	H	50@0	17.942	19.480	PASS
N38	30	20	DFT-64QAM	H	50@0	18.062	19.440	PASS
N38	30	20	DFT-256QAM	H	50@0	18.022	19.320	PASS
N38	30	20	CP-QPSK	H	51@0	18.342	19.680	PASS
N38	30	20	CP-16QAM	H	51@0	18.342	19.760	PASS
N38	30	20	CP-64QAM	H	51@0	18.342	19.760	PASS
N38	30	20	CP-256QAM	H	51@0	18.382	19.720	PASS
N38	30	30	DFT-QPSK	L	75@0	26.853	28.620	PASS
N38	30	30	DFT-16QAM	L	75@0	26.913	28.740	PASS
N38	30	30	DFT-64QAM	L	75@0	26.913	28.740	PASS
N38	30	30	DFT-256QAM	L	75@0	26.913	28.800	PASS
N38	30	30	CP-QPSK	L	78@0	27.932	29.760	PASS
N38	30	30	CP-16QAM	L	78@0	27.932	29.760	PASS

N38	30	30	CP-64QAM	L	78@0	27.872	29.760	PASS
N38	30	30	CP-256QAM	L	78@0	27.932	29.700	PASS
N38	30	30	DFT-QPSK	M	75@0	26.853	28.620	PASS
N38	30	30	DFT-16QAM	M	75@0	26.913	28.800	PASS
N38	30	30	DFT-64QAM	M	75@0	26.853	28.620	PASS
N38	30	30	DFT-256QAM	M	75@0	26.853	28.560	PASS
N38	30	30	CP-QPSK	M	78@0	27.872	29.700	PASS
N38	30	30	CP-16QAM	M	78@0	27.932	29.760	PASS
N38	30	30	CP-64QAM	M	78@0	27.872	29.700	PASS
N38	30	30	CP-256QAM	M	78@0	27.872	29.760	PASS
N38	30	30	DFT-QPSK	H	75@0	26.853	28.620	PASS
N38	30	30	DFT-16QAM	H	75@0	26.913	28.800	PASS
N38	30	30	DFT-64QAM	H	75@0	26.913	28.680	PASS
N38	30	30	DFT-256QAM	H	75@0	26.913	28.560	PASS
N38	30	30	CP-QPSK	H	78@0	27.932	29.880	PASS
N38	30	30	CP-16QAM	H	78@0	27.932	29.820	PASS
N38	30	30	CP-64QAM	H	78@0	27.872	29.760	PASS
N38	30	30	CP-256QAM	H	78@0	27.872	29.820	PASS
N38	30	40	DFT-QPSK	L	100@0	35.964	38.480	PASS
N38	30	40	DFT-16QAM	L	100@0	35.884	38.480	PASS
N38	30	40	DFT-64QAM	L	100@0	36.044	38.720	PASS
N38	30	40	DFT-256QAM	L	100@0	35.964	38.640	PASS
N38	30	40	CP-QPSK	L	106@0	38.122	40.640	PASS
N38	30	40	CP-16QAM	L	106@0	38.122	40.720	PASS
N38	30	40	CP-64QAM	L	106@0	38.042	40.720	PASS
N38	30	40	CP-256QAM	L	106@0	38.122	40.640	PASS
N38	30	40	DFT-QPSK	M	100@0	35.964	38.560	PASS
N38	30	40	DFT-16QAM	M	100@0	35.964	38.560	PASS
N38	30	40	DFT-64QAM	M	100@0	35.964	38.480	PASS
N38	30	40	DFT-256QAM	M	100@0	35.884	38.480	PASS
N38	30	40	CP-QPSK	M	106@0	38.122	40.480	PASS
N38	30	40	CP-16QAM	M	106@0	38.042	40.720	PASS
N38	30	40	CP-64QAM	M	106@0	37.962	40.640	PASS
N38	30	40	CP-256QAM	M	106@0	38.042	40.720	PASS
N38	30	40	DFT-QPSK	H	100@0	35.964	38.560	PASS
N38	30	40	DFT-16QAM	H	100@0	35.964	38.560	PASS
N38	30	40	DFT-64QAM	H	100@0	35.964	38.560	PASS
N38	30	40	DFT-256QAM	H	100@0	35.964	38.640	PASS
N38	30	40	CP-QPSK	H	106@0	38.122	40.640	PASS
N38	30	40	CP-16QAM	H	106@0	38.042	40.560	PASS
N38	30	40	CP-64QAM	H	106@0	37.962	40.720	PASS
N38	30	40	CP-256QAM	H	106@0	38.122	40.640	PASS

Test Graphs



1-N38-PC3-30-10-L-1-DFT-QPSK-Outer_Full-24@0-Ant4-8.611-9.540-≤10-PASS



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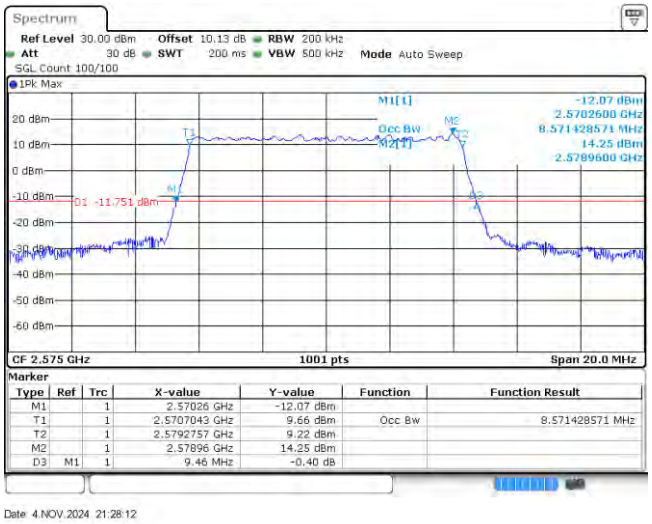

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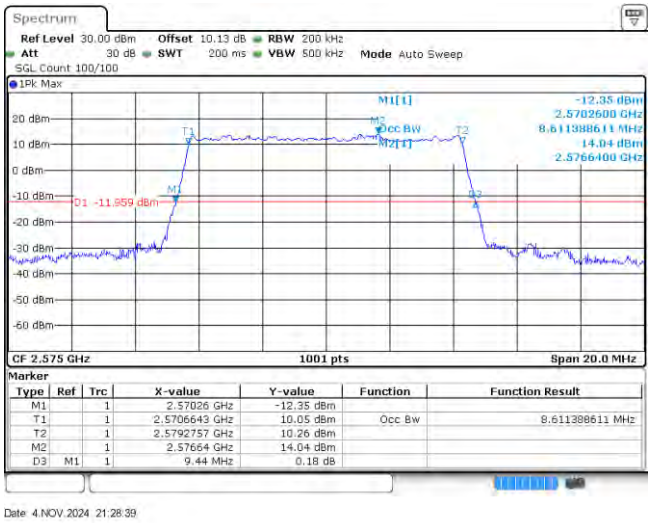

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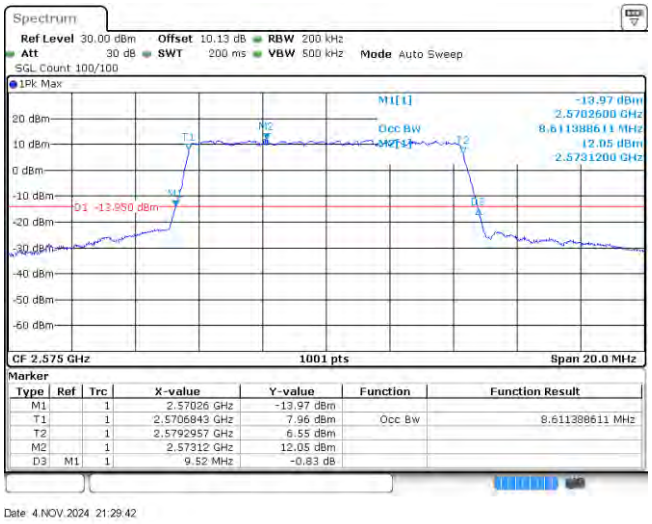

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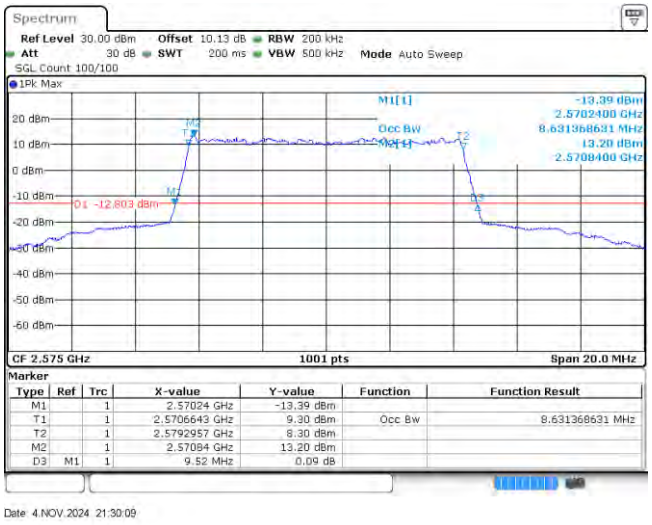

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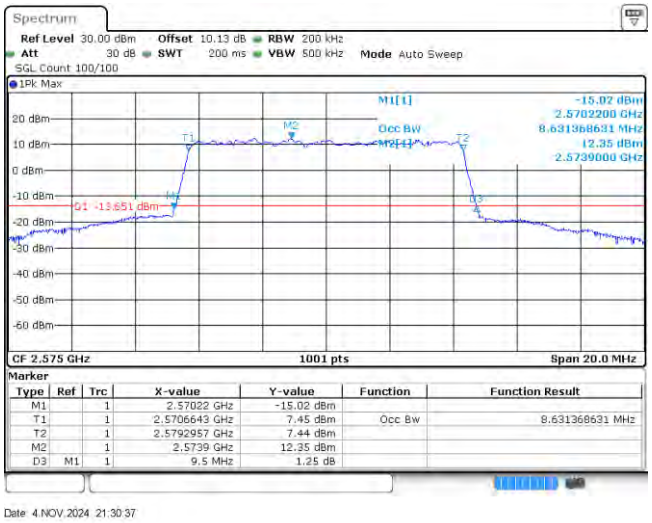

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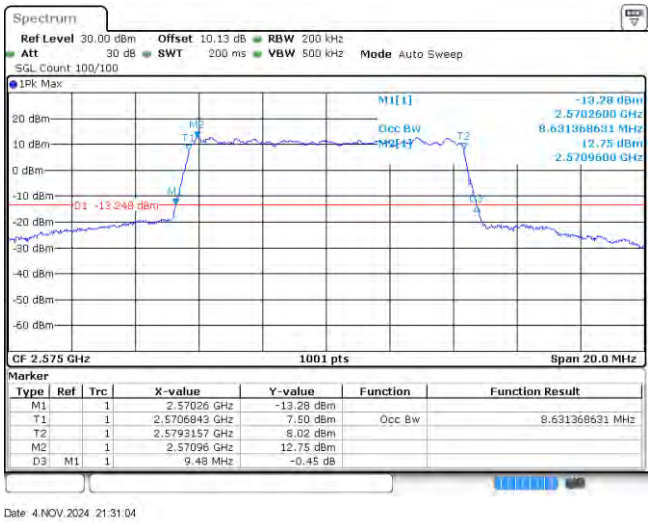

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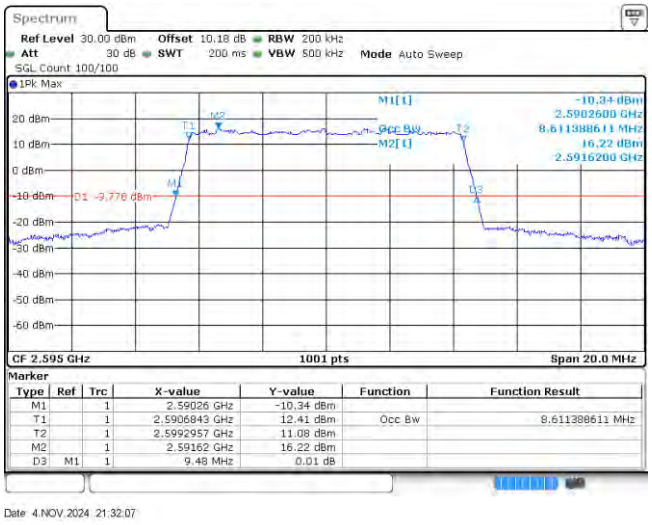

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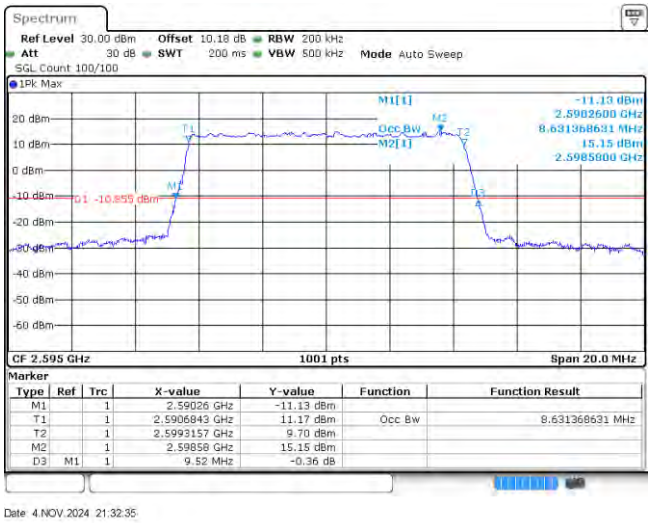

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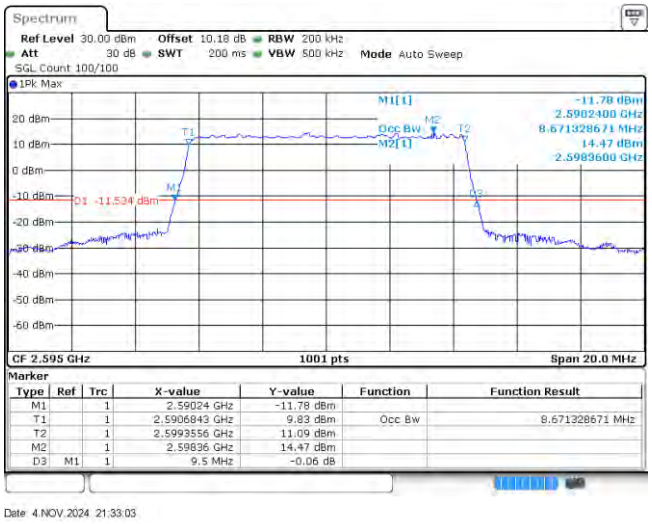

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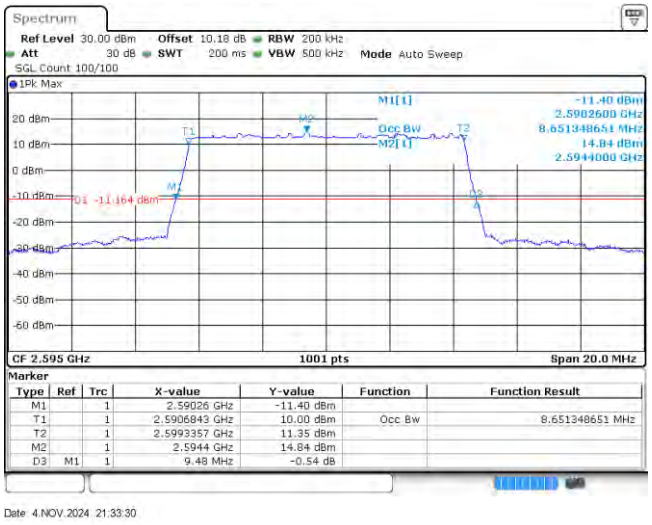

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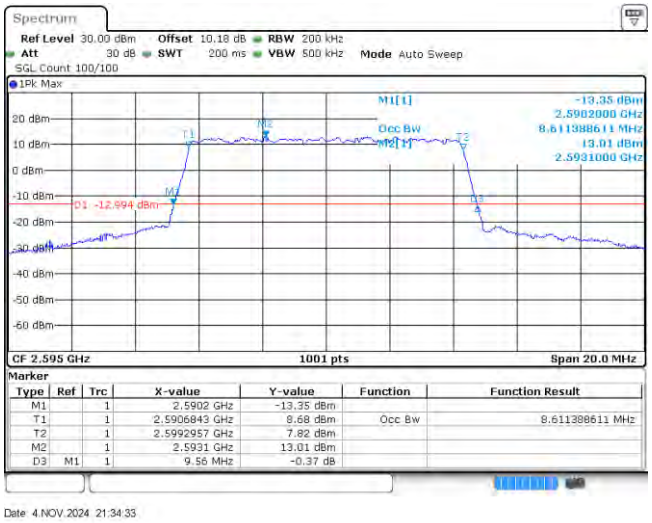

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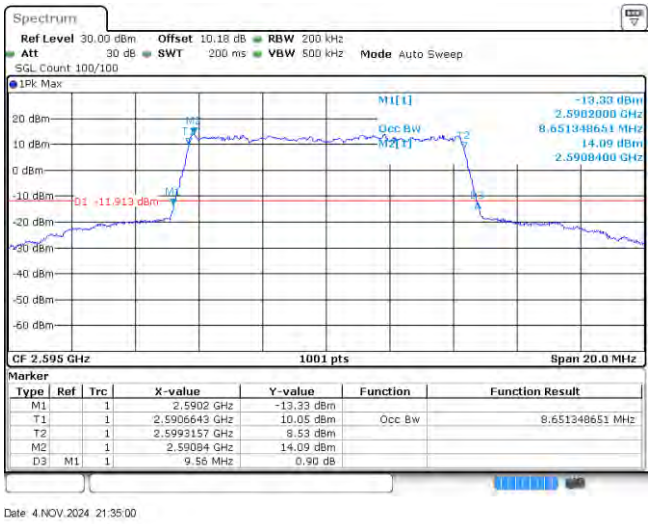

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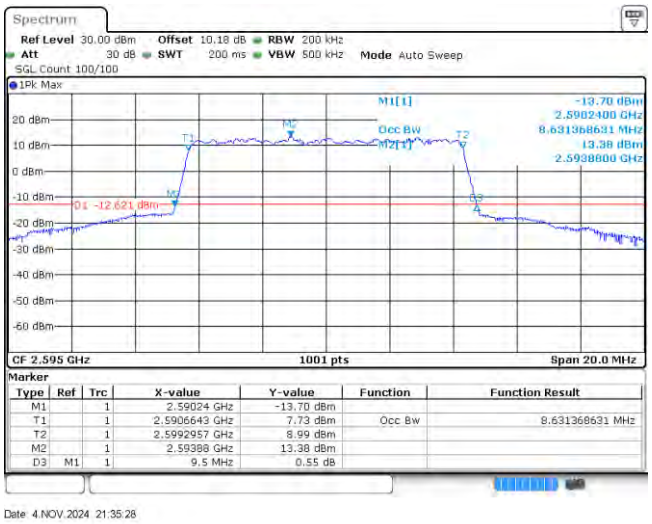

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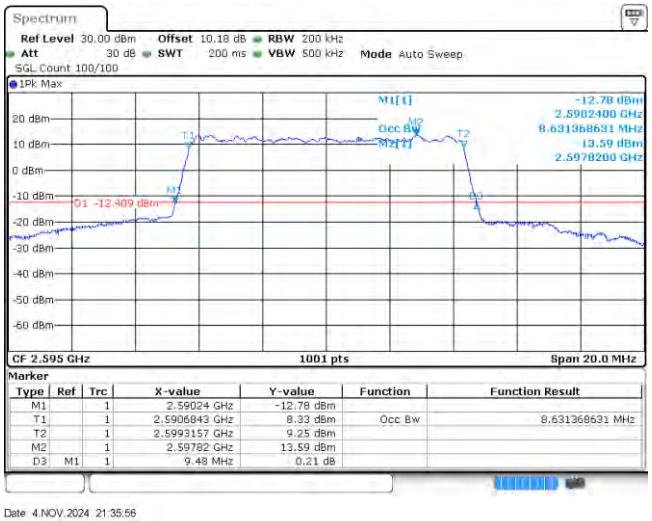

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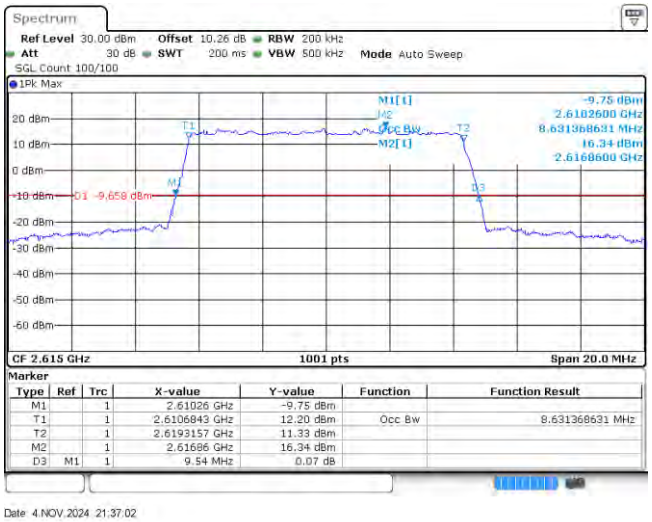

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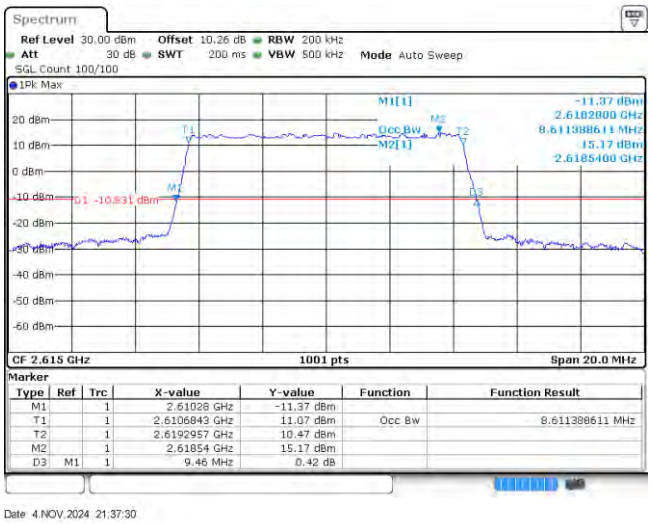

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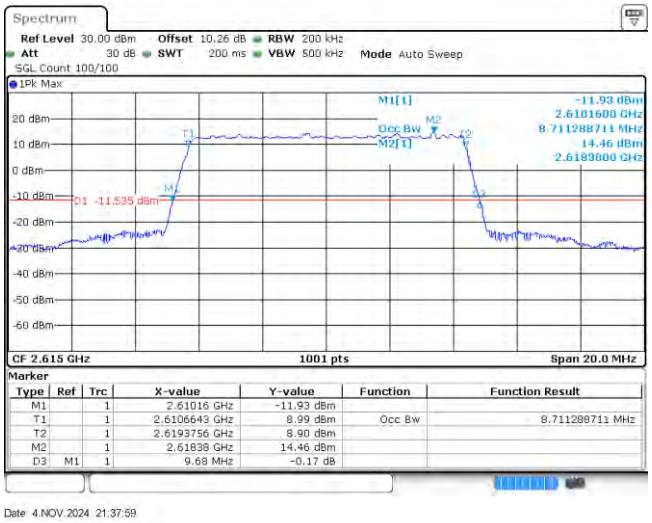

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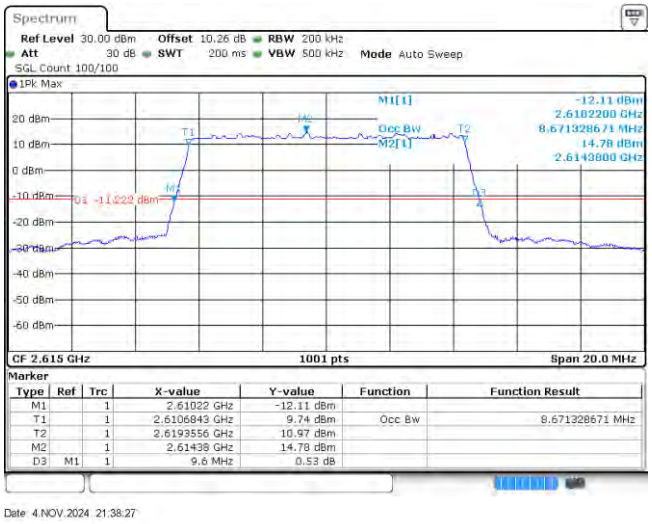

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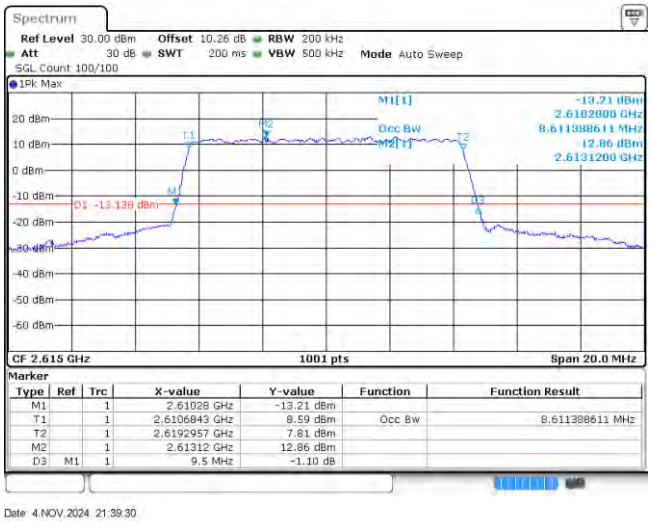

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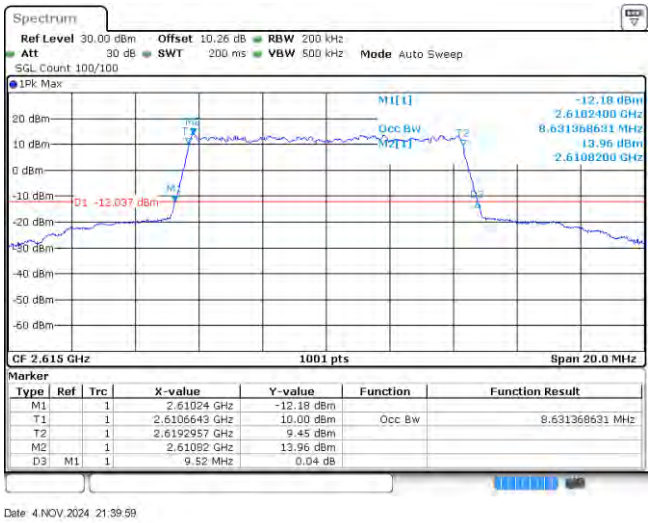

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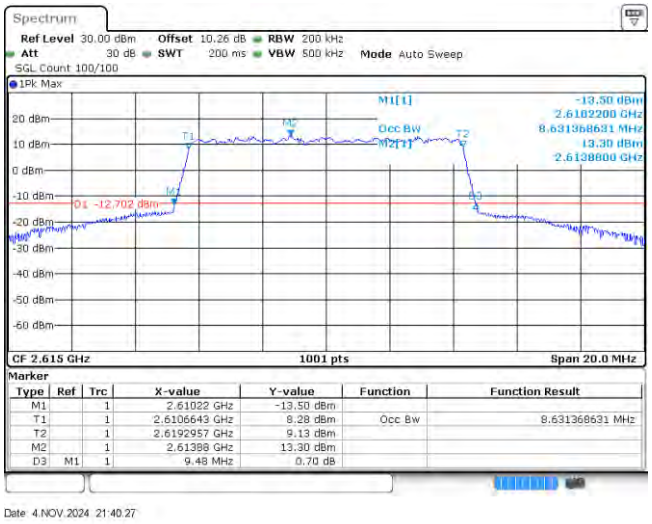

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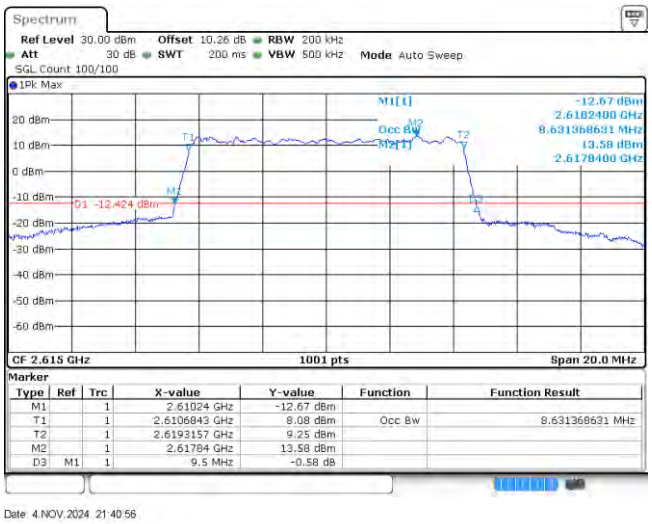

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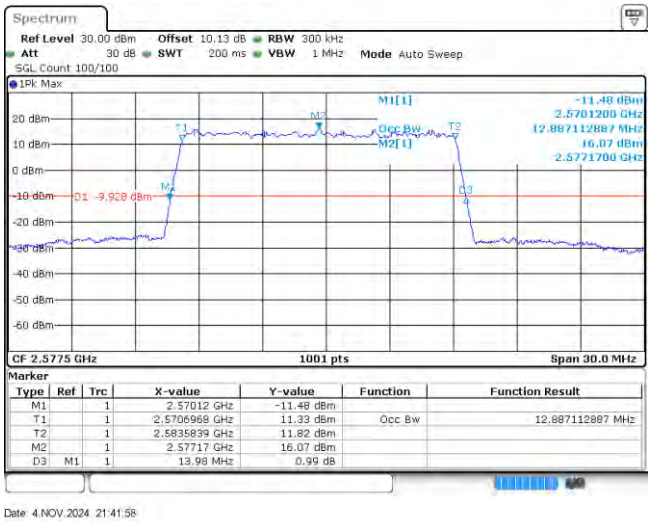

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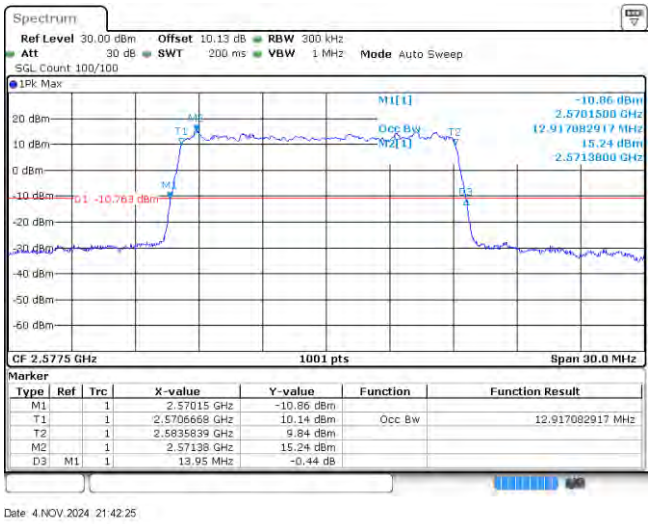

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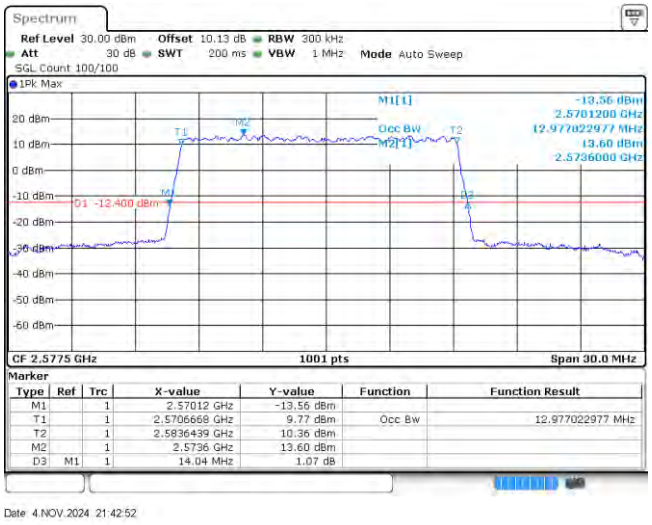

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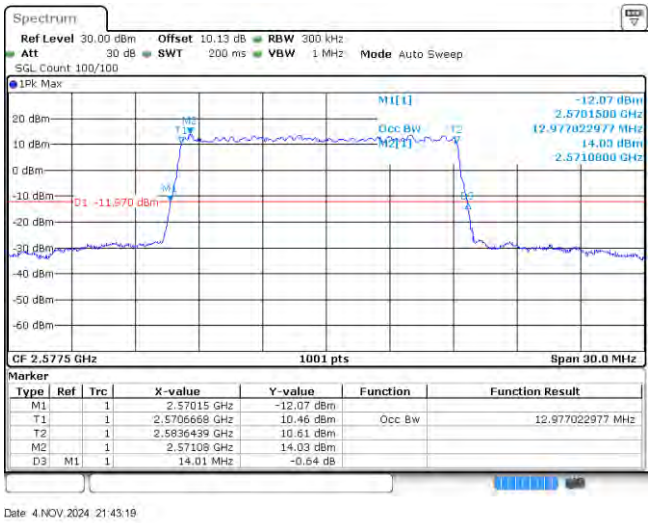

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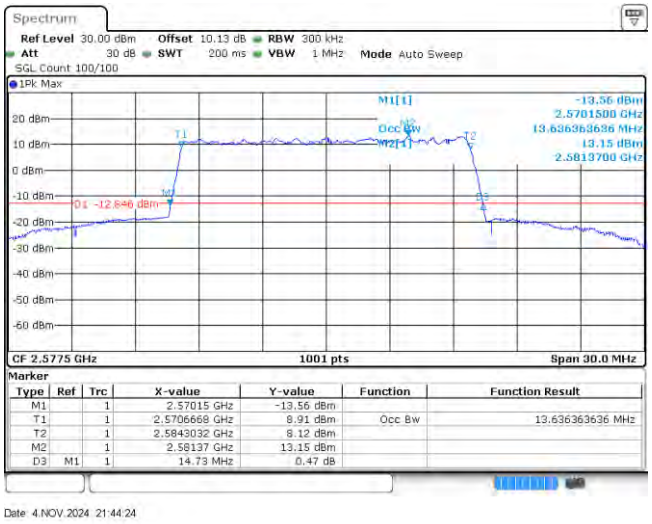

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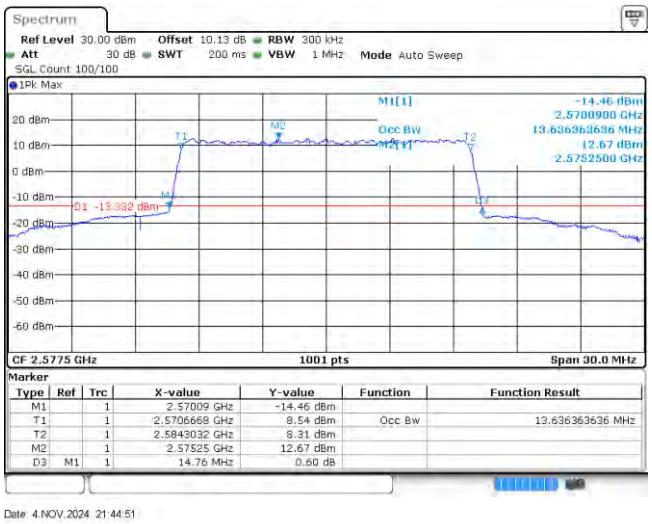

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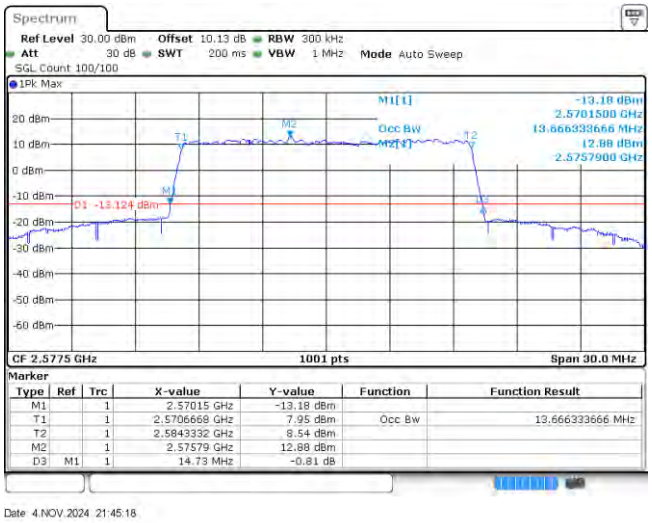

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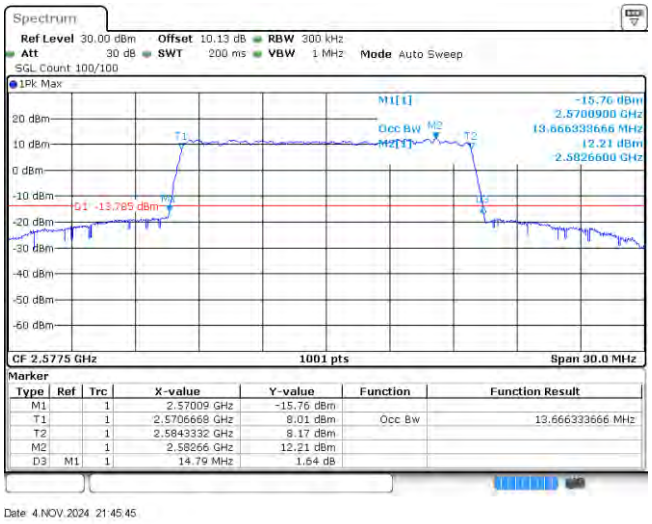

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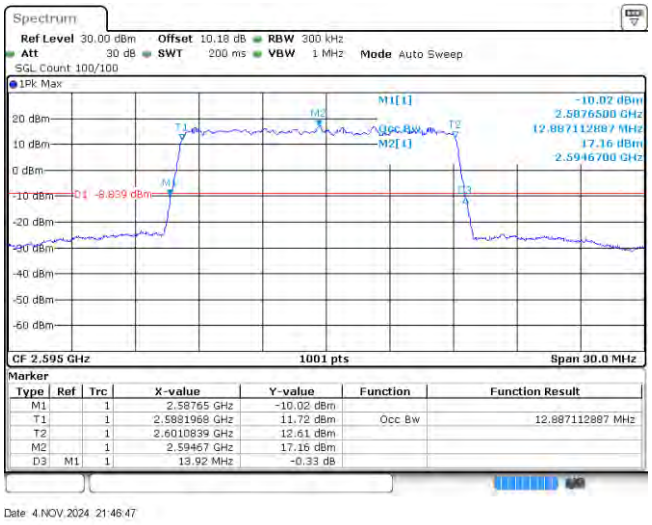

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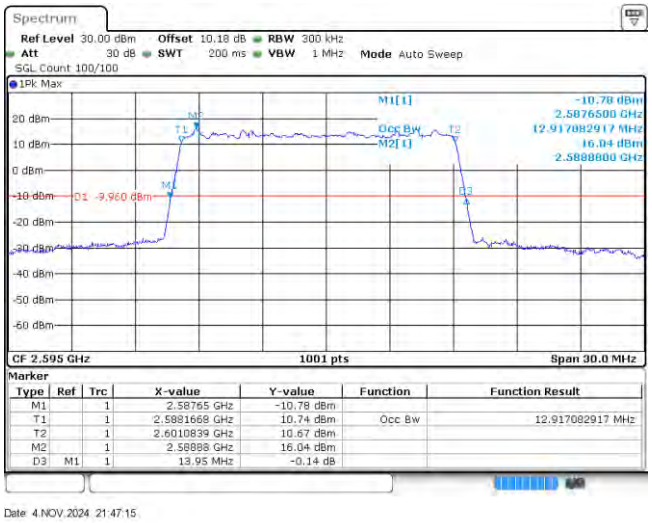

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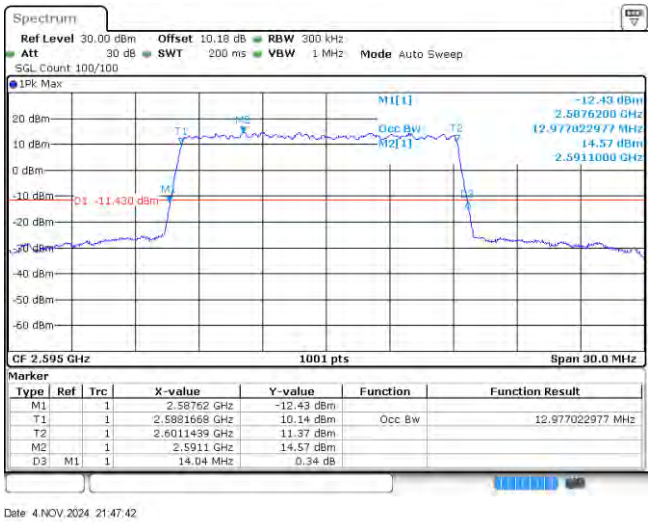

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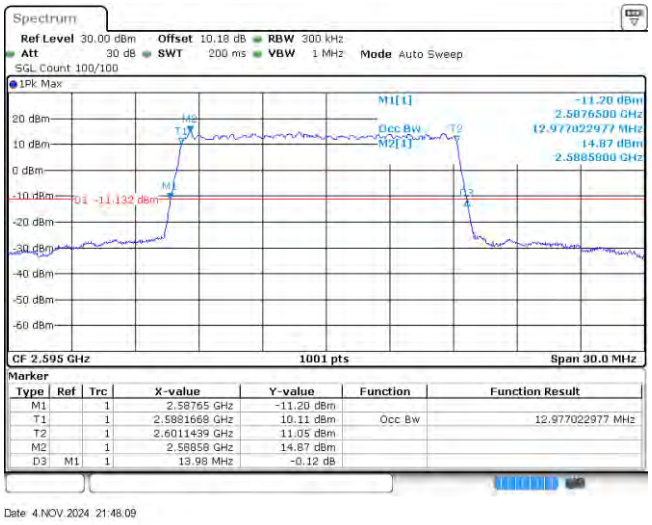

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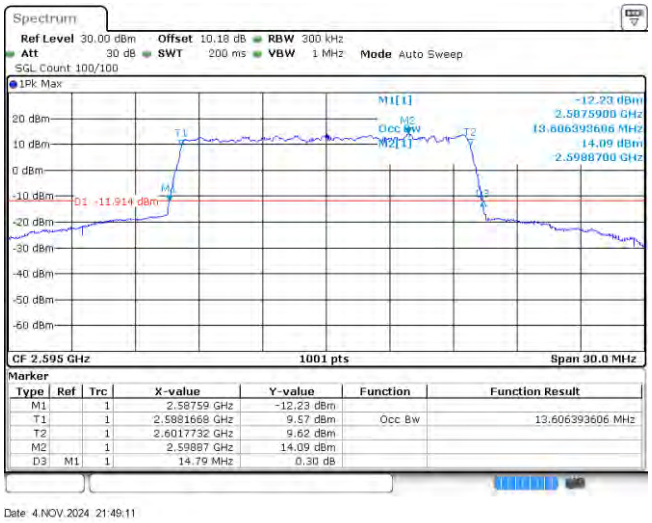
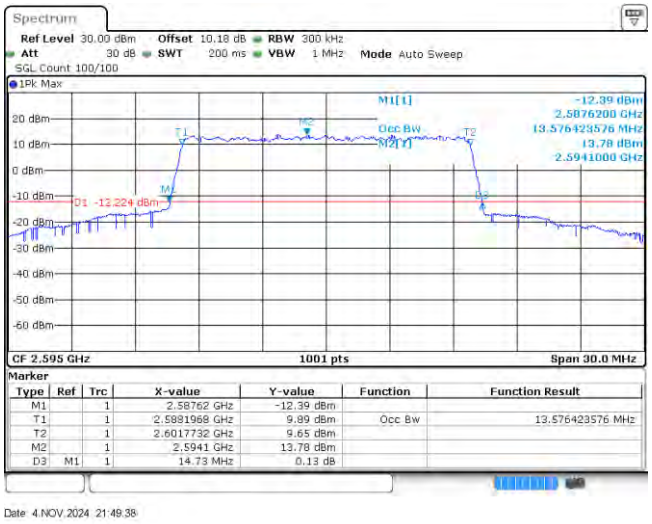


1-N38-PC3-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant4-13.606-14.790-≤15-PASS



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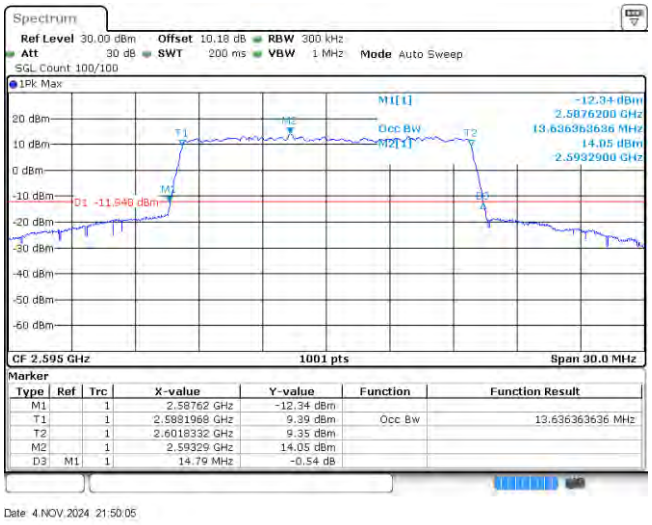

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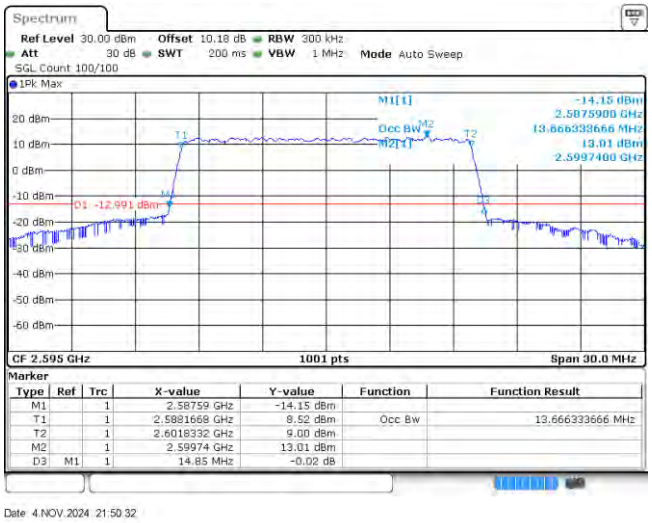
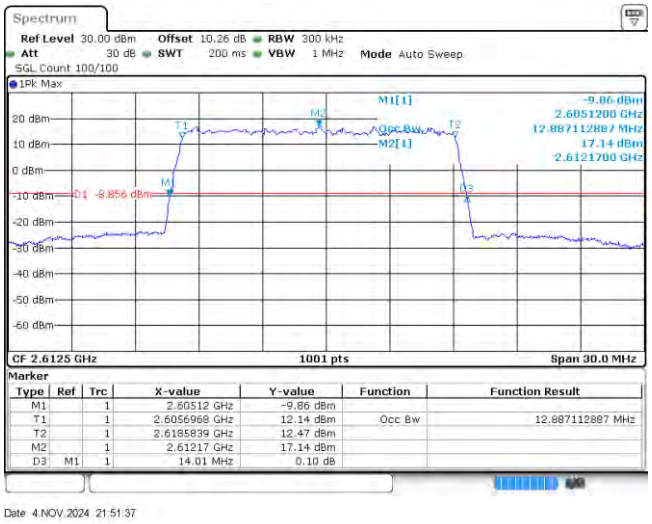


1-N38-PC3-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant4-13.666-14.850-≤15-PASS



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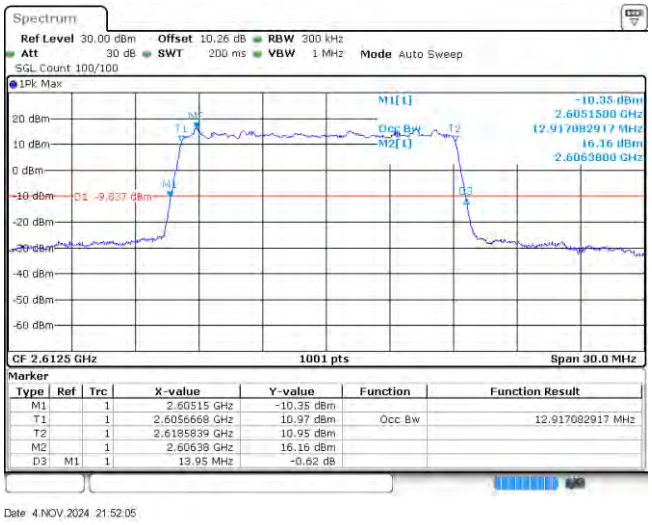
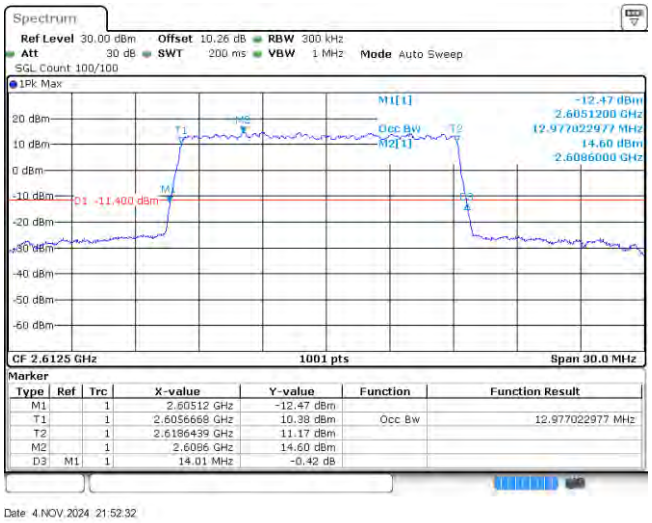
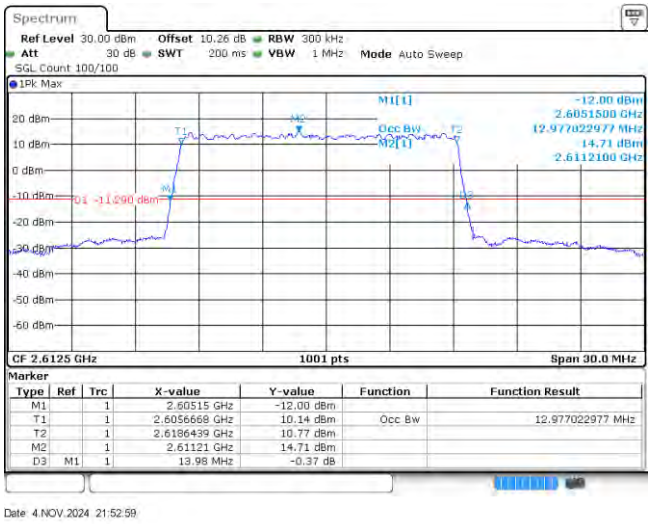


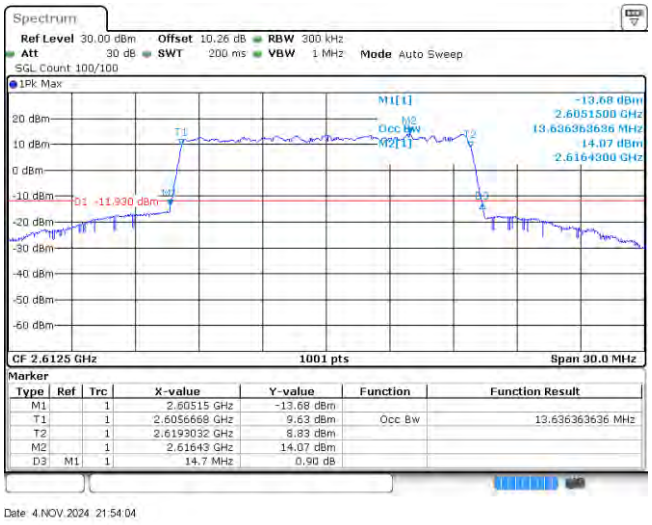
1-N38-PC3-30-15-H-3-DFT-16QAM-Outer_Full-36@0-Ant4-12.917-13.950-≤15-PASS



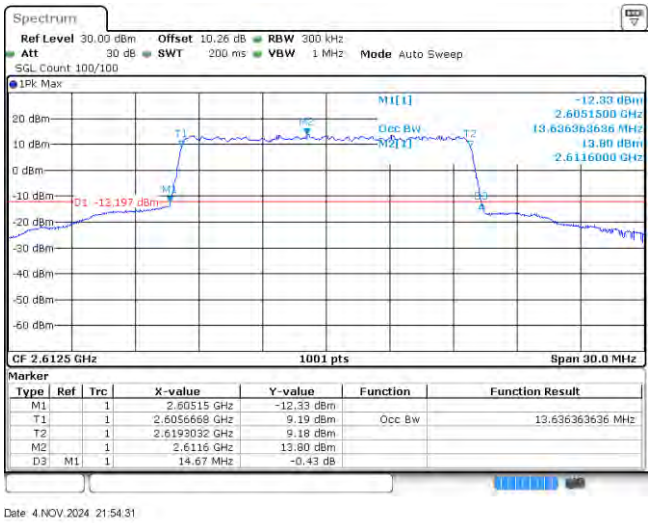
1-N38-PC3-30-15-H-4-DFT-64QAM-Outer_Full-36@0-Ant4-12.977-14.010-≤15-PASS



1-N38-PC3-30-15-H-5-DFT-256QAM-Outer_Full-36@0-Ant4-12.977-13.980-≤15-PASS



1-N38-PC3-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant4-13.636-14.700-≤15-PASS



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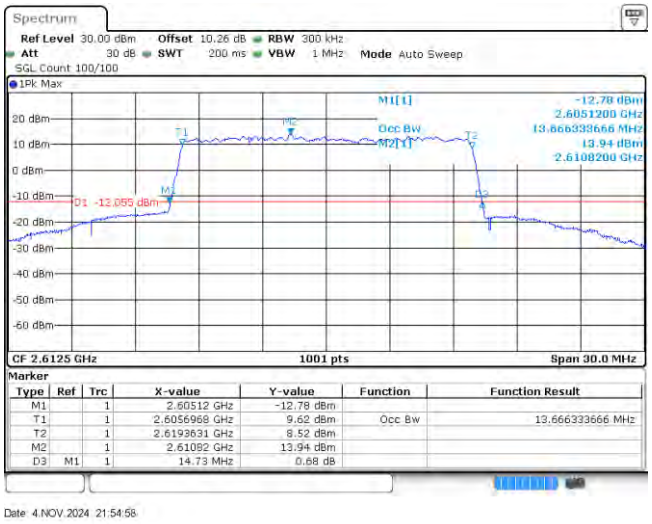

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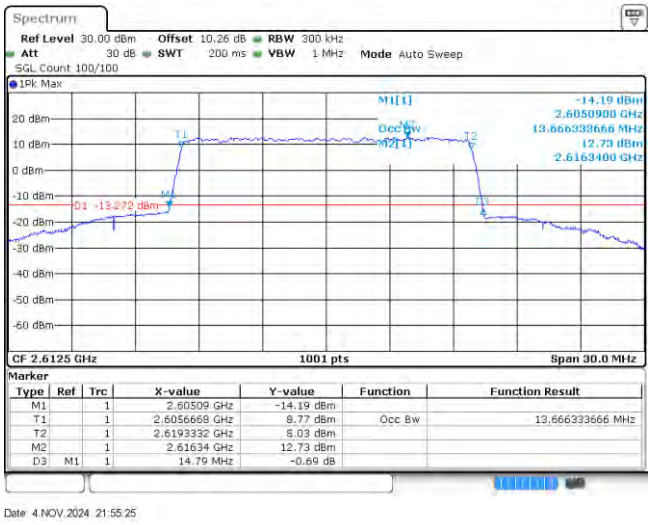
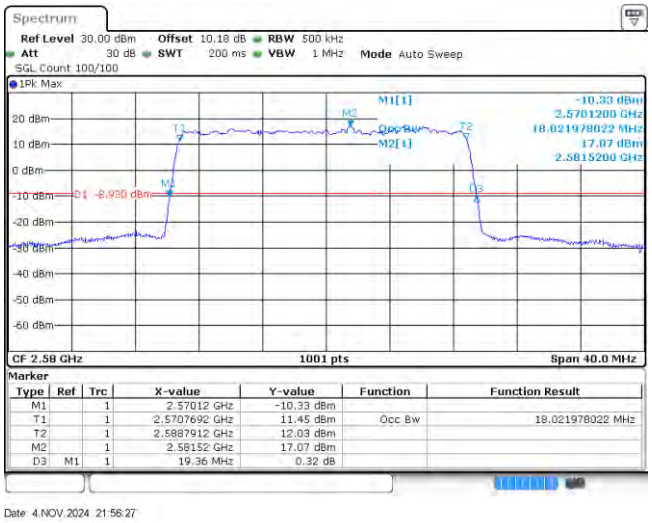
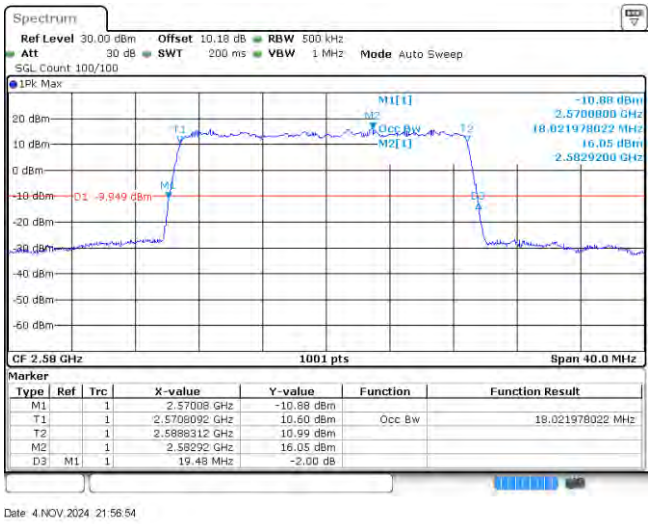


1-N38-PC3-30-15-H-9-CP-256QAM-Outer_Full-38@0-Ant4-13.666-14.790-≤15-PASS



1-N38-PC3-30-20-L-1-DFT-QPSK-Outer_Full-50@0-Ant4-18.022-19.360-≤20-PASS



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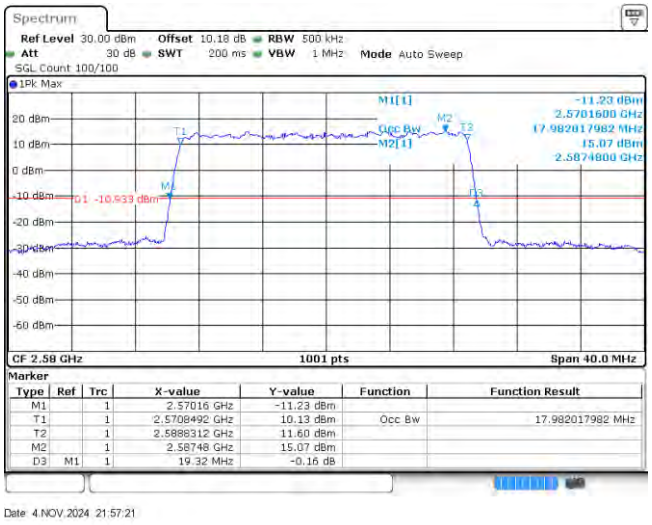
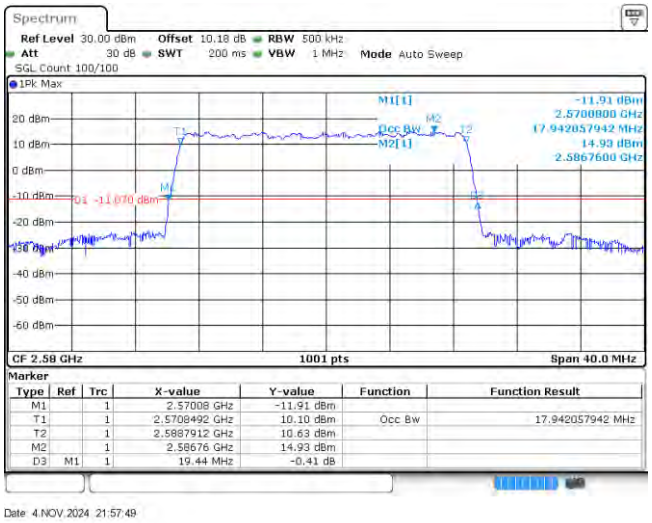
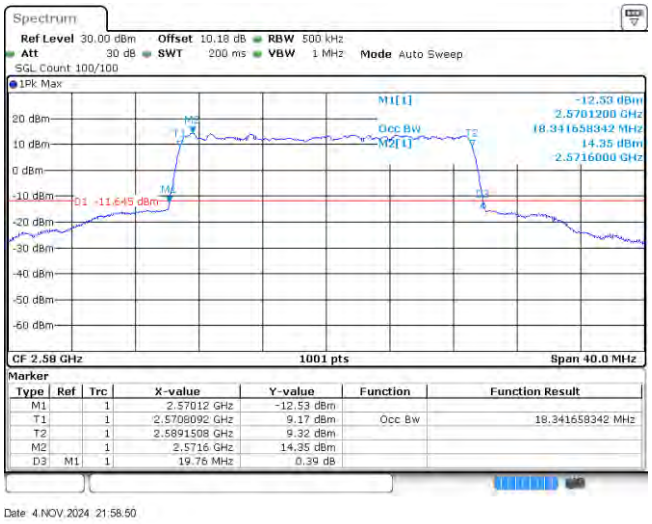


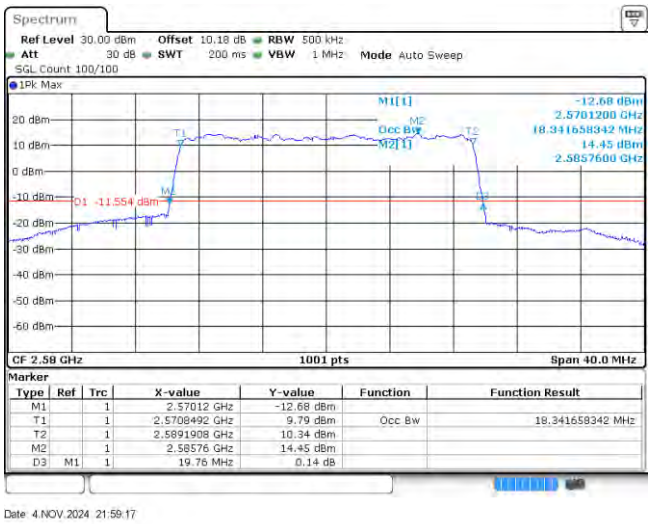
1-N38-PC3-30-20-L-4-DFT-64QAM-Outer_Full-50@0-Ant4-17.982-19.320-≤20-PASS



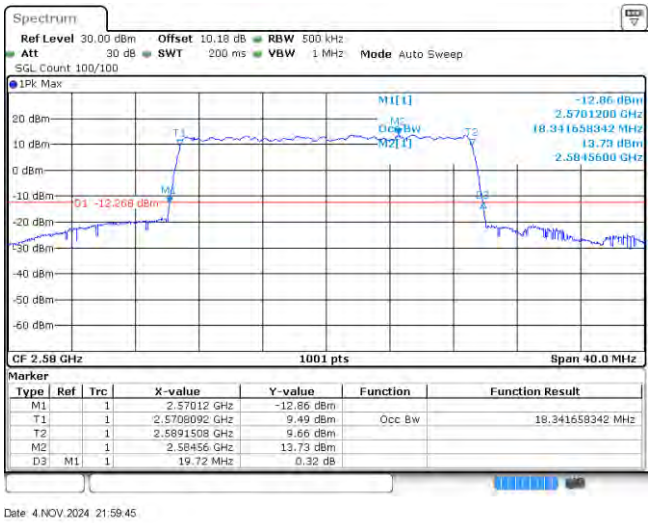
1-N38-PC3-30-20-L-5-DFT-256QAM-Outer_Full-50@0-Ant4-17.942-19.440-≤20-PASS



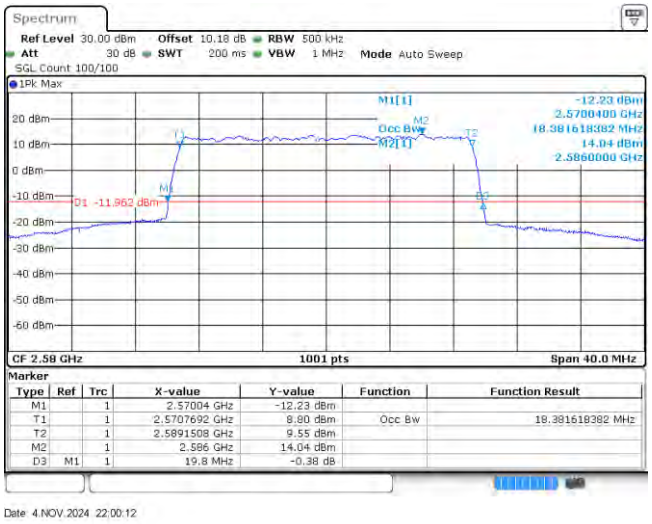
1-N38-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant4-18.342-19.760-≤20-PASS



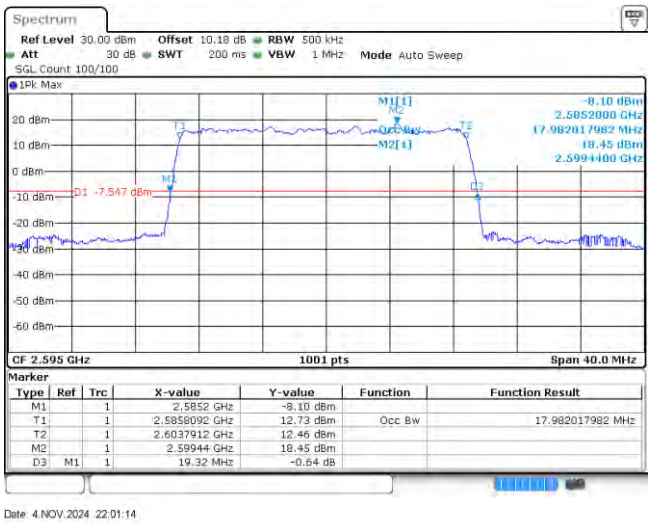
1-N38-PC3-30-20-L-7-CP-16QAM-Outer_Full-51@0-Ant4-18.342-19.760-≤20-PASS



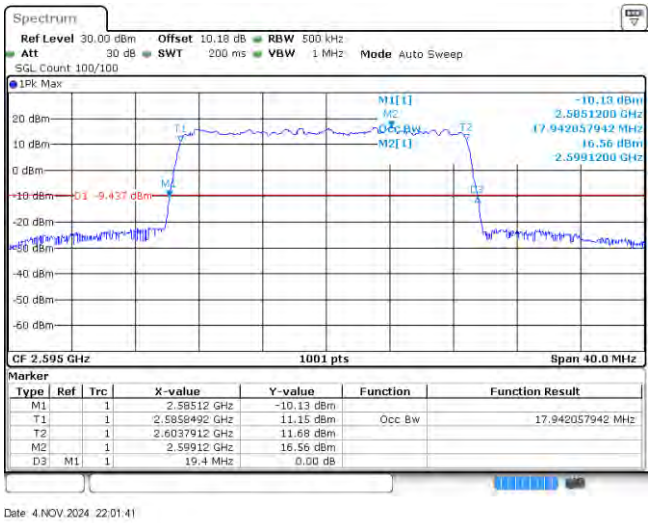
1-N38-PC3-30-20-L-8-CP-64QAM-Outer_Full-51@0-Ant4-18.342-19.720-≤20-PASS



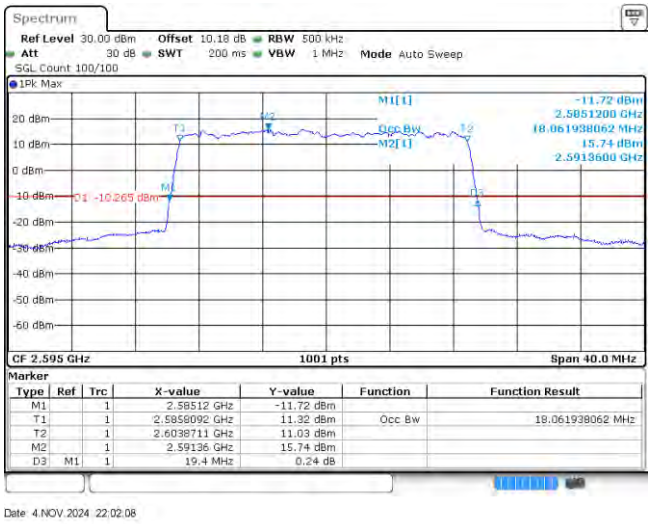
1-N38-PC3-30-20-L-9-CP-256QAM-Outer_Full-51@0-Ant4-18.382-19.800-≤20-PASS



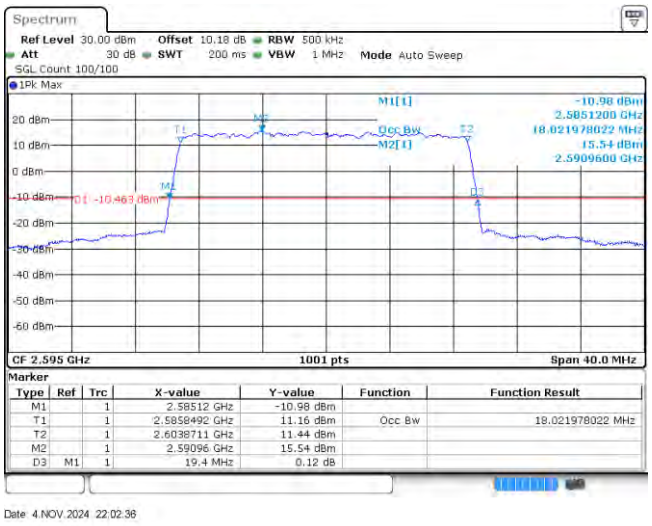
1-N38-PC3-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant4-17.982-19.320-≤20-PASS



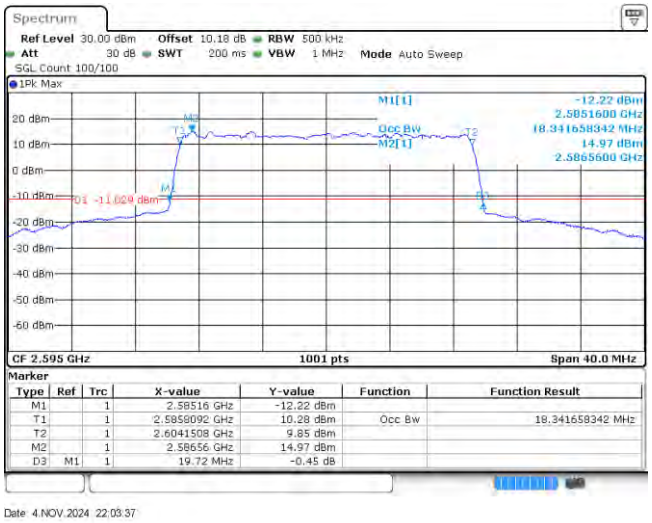
1-N38-PC3-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant4-17.942-19.400-≤20-PASS



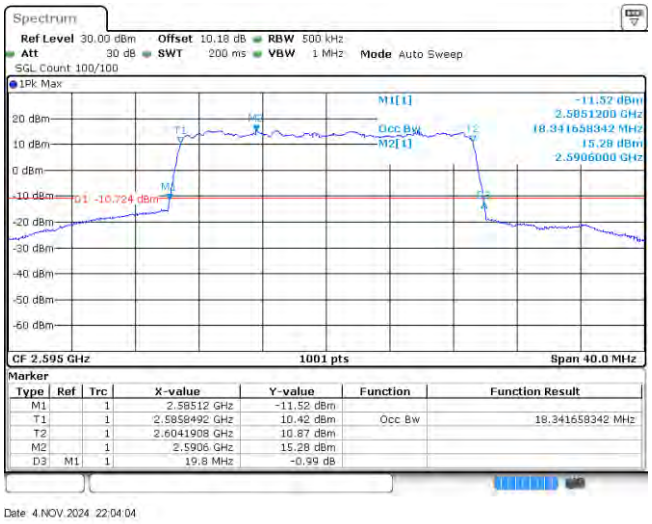
1-N38-PC3-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant4-18.062-19.400-≤20-PASS



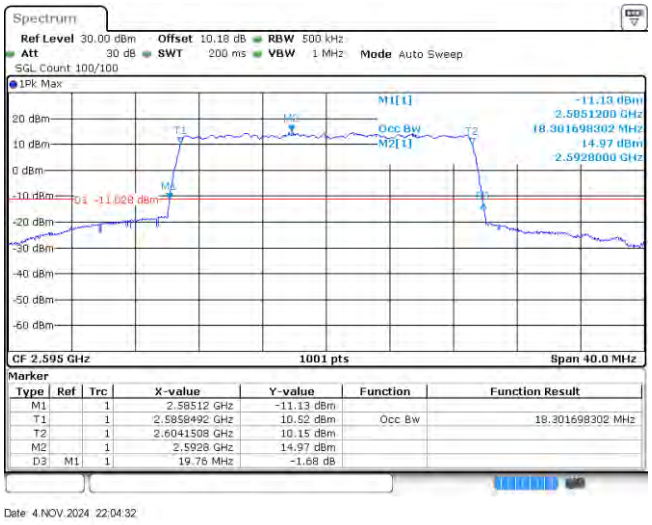
1-N38-PC3-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant4-18.022-19.400-≤20-PASS



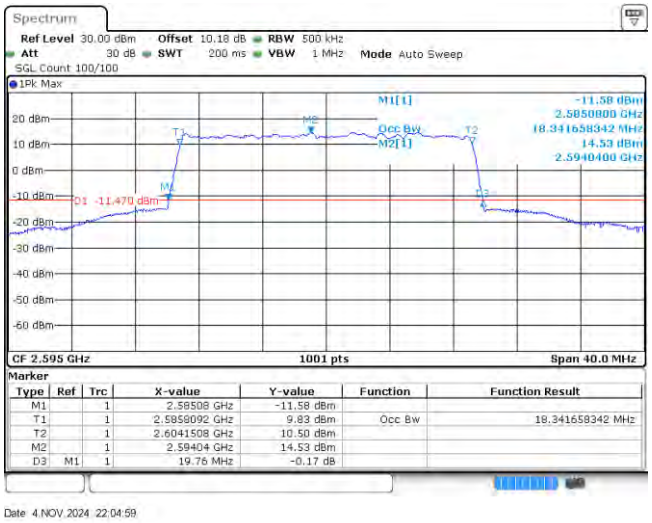
1-N38-PC3-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant4-18.342-19.720-≤20-PASS



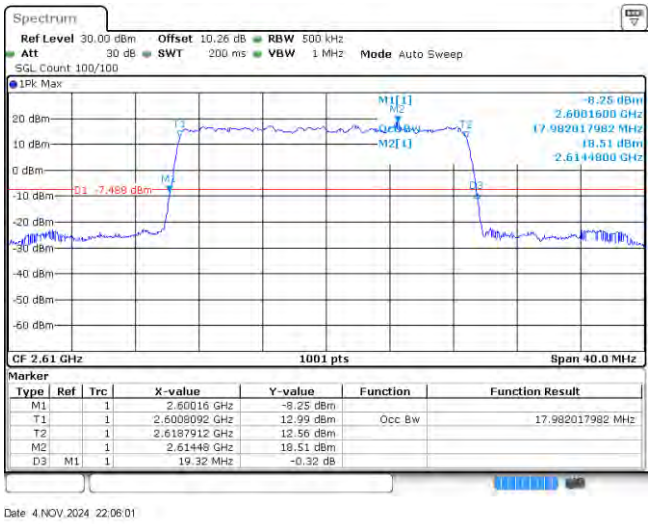
1-N38-PC3-30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant4-18.342-19.800-≤20-PASS



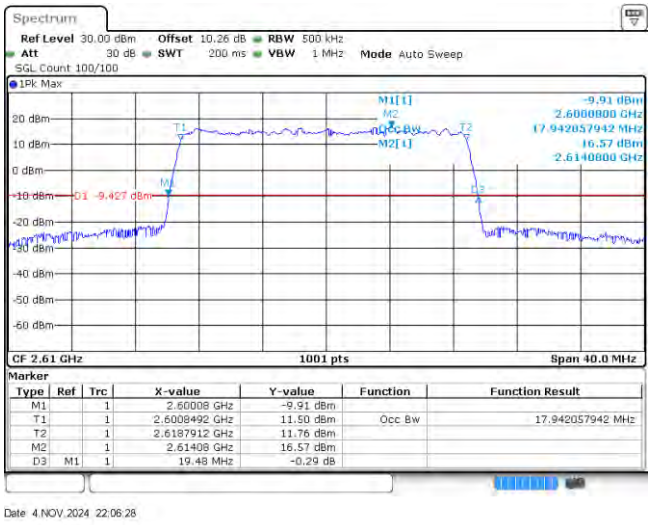
1-N38-PC3-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant4-18.302-19.760-≤20-PASS



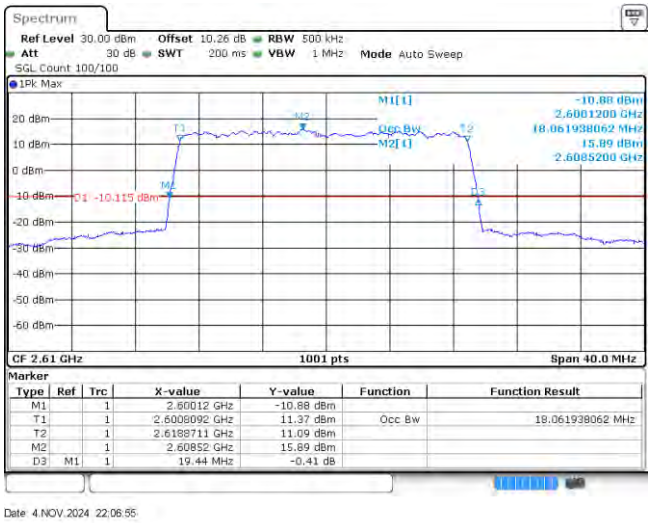
1-N38-PC3-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant4-18.342-19.760-≤20-PASS



1-N38-PC3-30-20-H-1-DFT-QPSK-Outer_Full-50@0-Ant4-17.982-19.320-≤20-PASS



1-N38-PC3-30-20-H-3-DFT-16QAM-Outer_Full-50@0-Ant4-17.942-19.480-≤20-PASS



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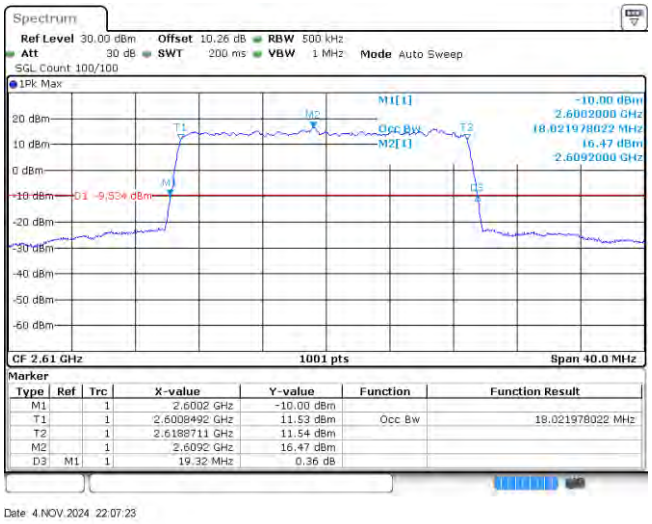
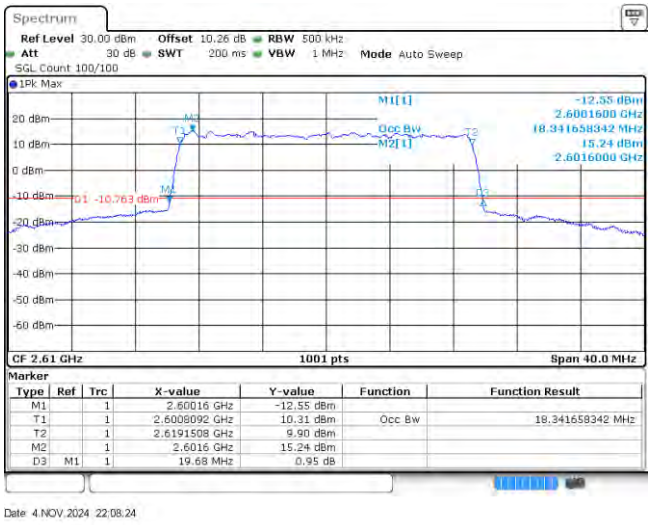
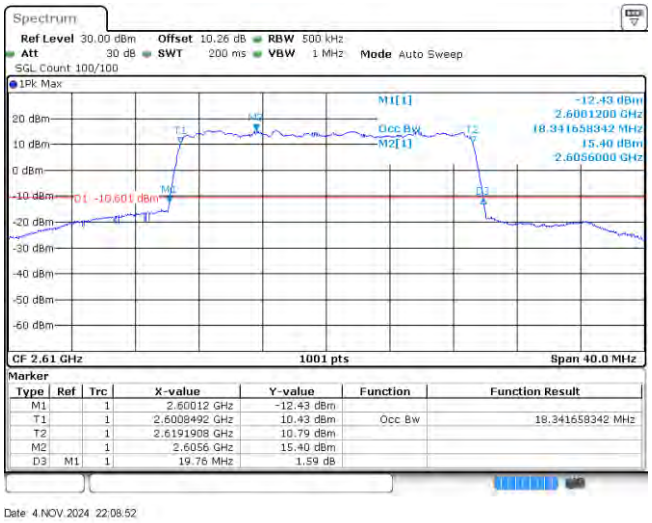


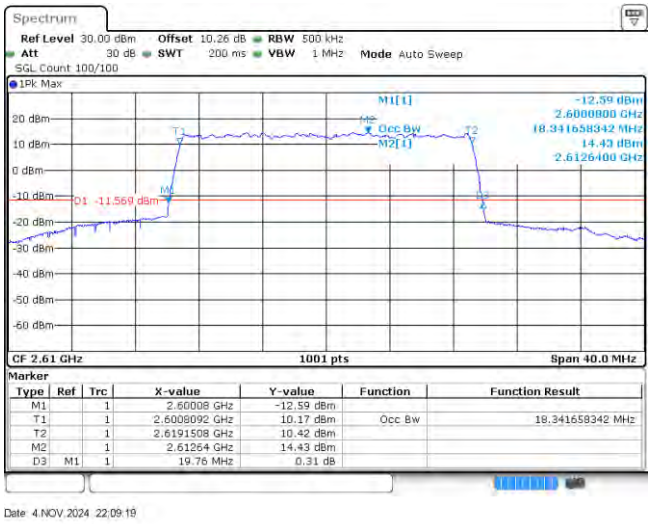
1-N38-PC3-30-20-H-5-DFT-256QAM-Outer_Full-50@0-Ant4-18.022-19.320-≤20-PASS



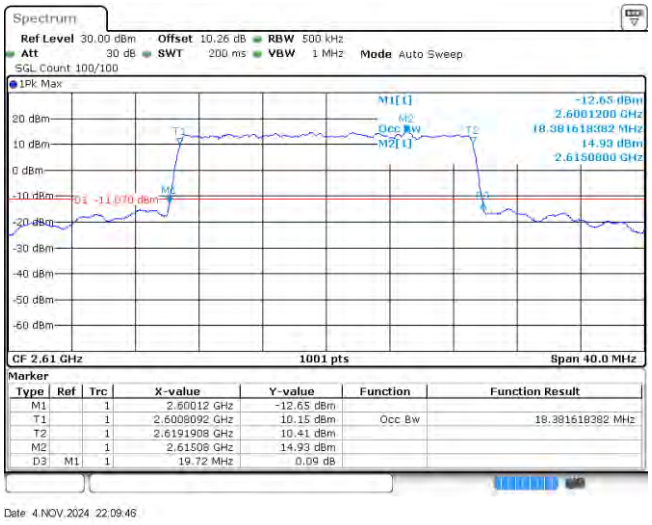
1-N38-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant4-18.342-19.680-≤20-PASS



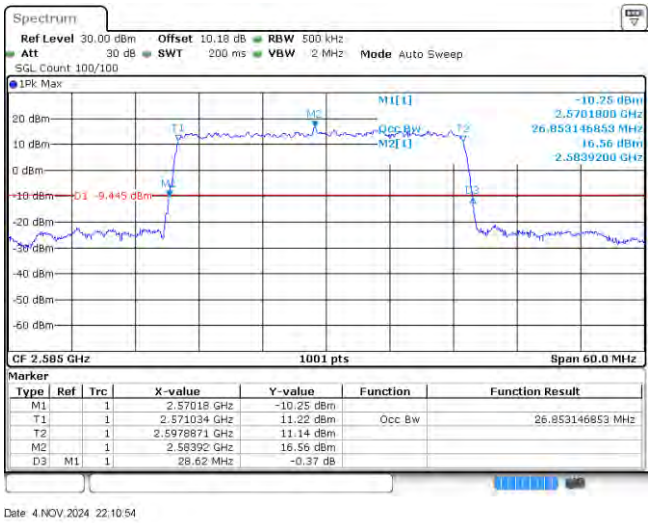
1-N38-PC3-30-20-H-7-CP-16QAM-Outer_Full-51@0-Ant4-18.342-19.760-≤20-PASS



1-N38-PC3-30-20-H-8-CP-64QAM-Outer_Full-51@0-Ant4-18.342-19.760-≤20-PASS



1-N38-PC3-30-20-H-9-CP-256QAM-Outer_Full-51@0-Ant4-18.382-19.720-≤20-PASS



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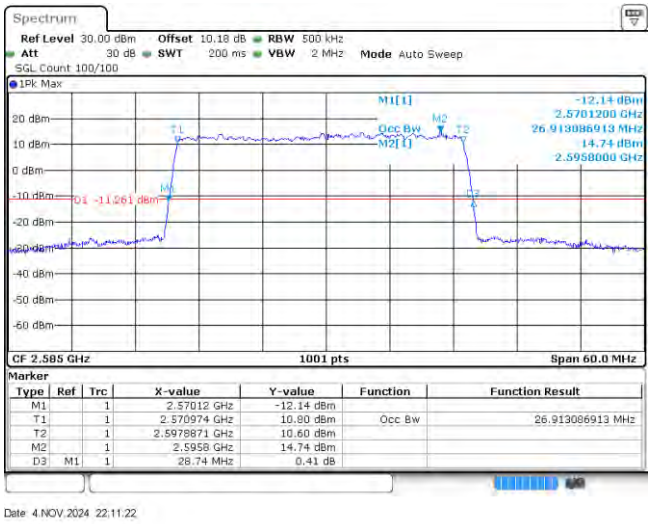
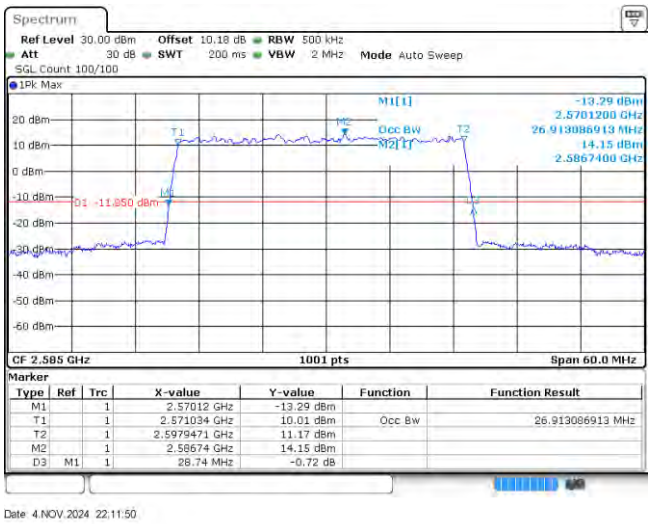


1-N38-PC3-30-30-L-3-DFT-16QAM-Outer_Full-75@0-Ant4-26.913-28.740-≤30-PASS



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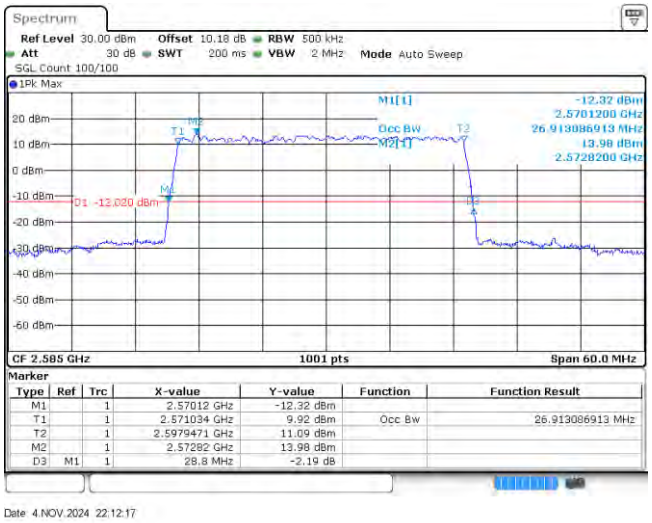
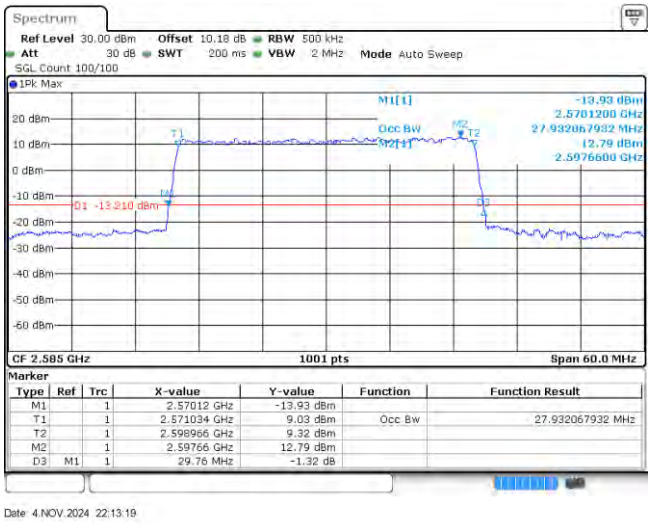
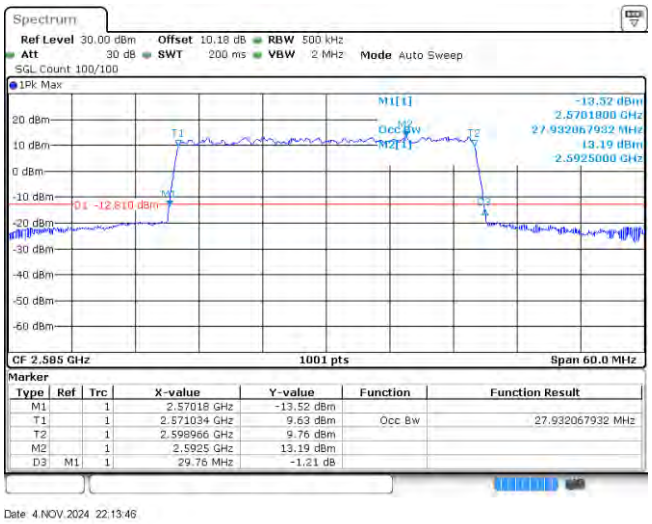


1-N38-PC3-30-30-L-5-DFT-256QAM-Outer_Full-75@0-Ant4-26.913-28.800-≤30-PASS



1-N38-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant4-27.932-29.760-≤30-PASS



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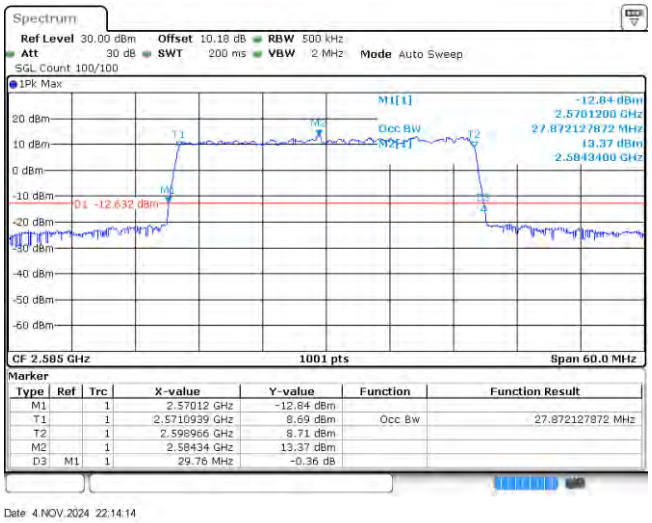
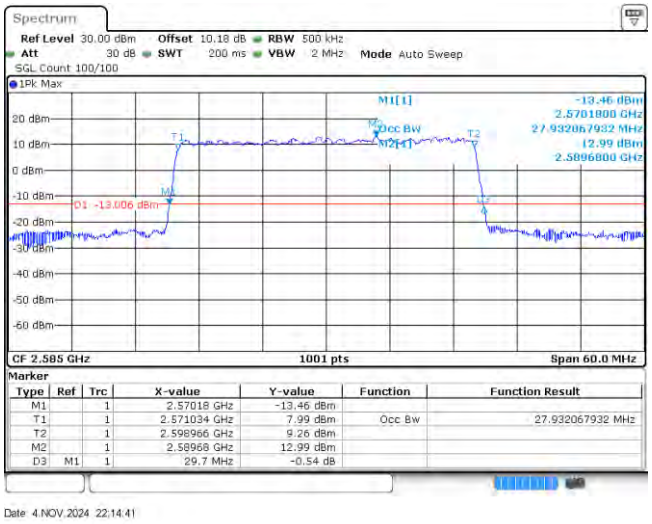
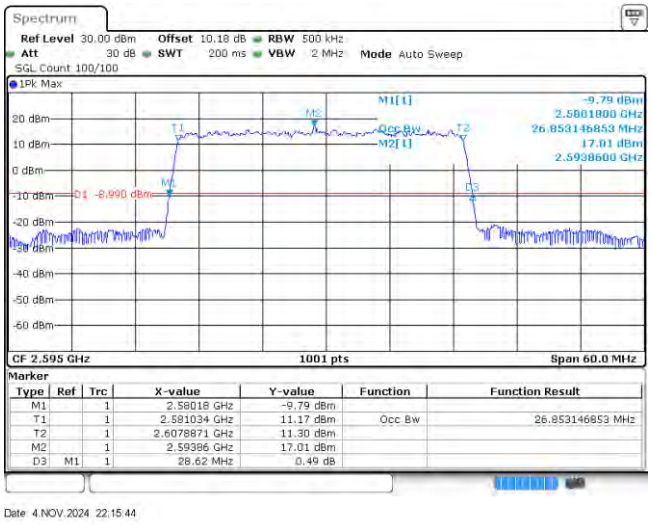


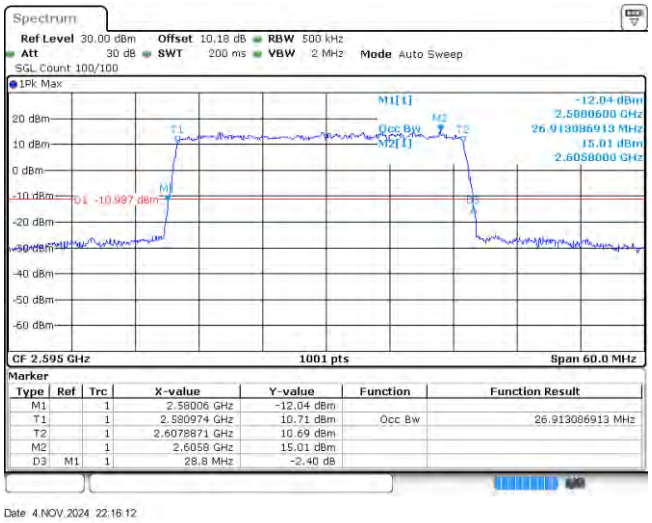
1-N38-PC3-30-30-L-8-CP-64QAM-Outer_Full-78@0-Ant4-27.872-29.760-≤30-PASS



1-N38-PC3-30-30-L-9-CP-256QAM-Outer_Full-78@0-Ant4-27.932-29.700-≤30-PASS



1-N38-PC3-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant4-26.853-28.620-≤30-PASS



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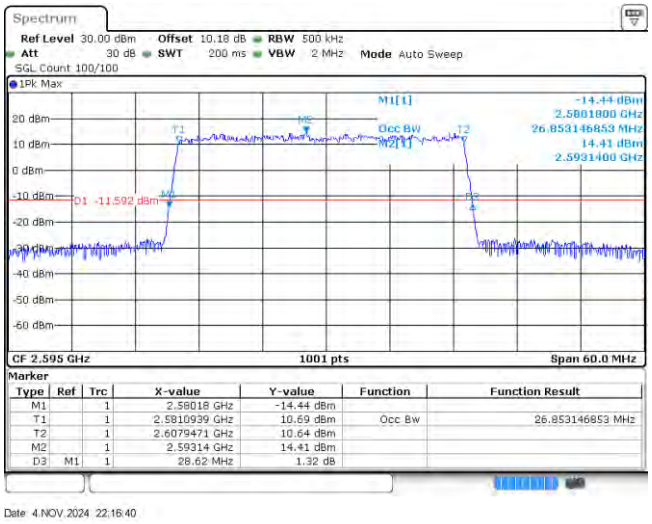

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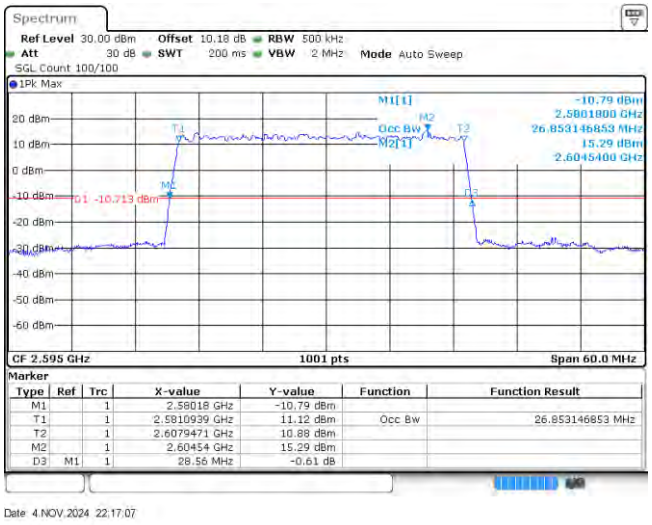
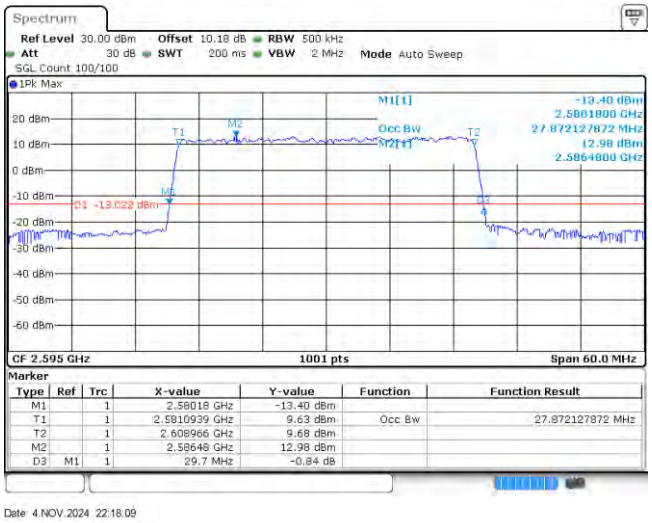
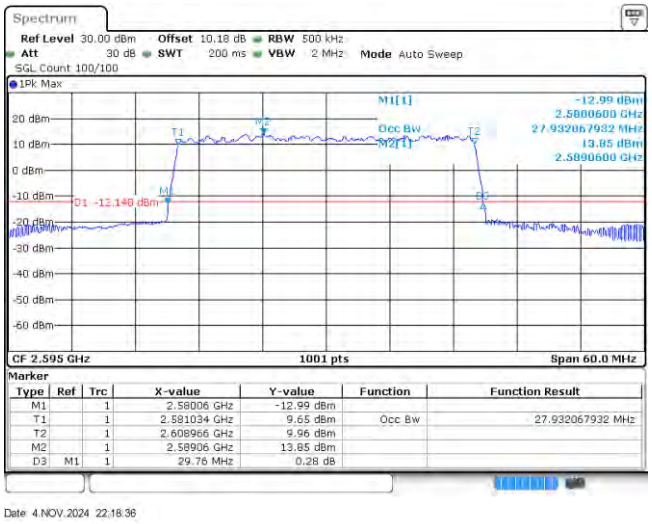


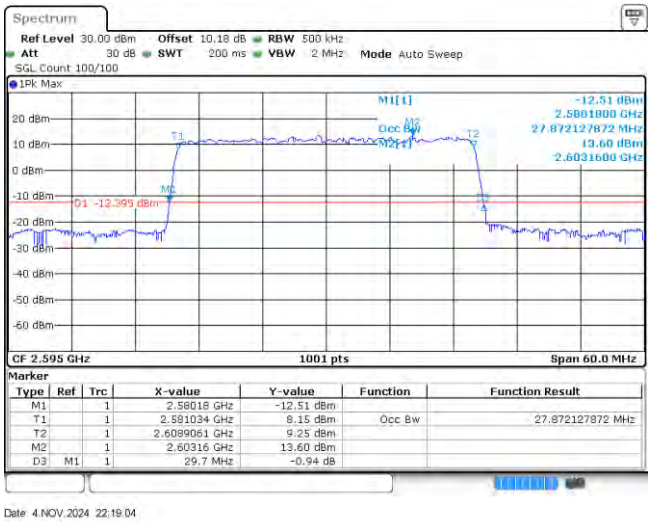
1-N38-PC3-30-30-M-5-DFT-256QAM-Outer_Full-75@0-Ant4-26.853-28.560-≤30-PASS



1-N38-PC3-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant4-27.872-29.700-≤30-PASS



1-N38-PC3-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant4-27.932-29.760-≤30-PASS



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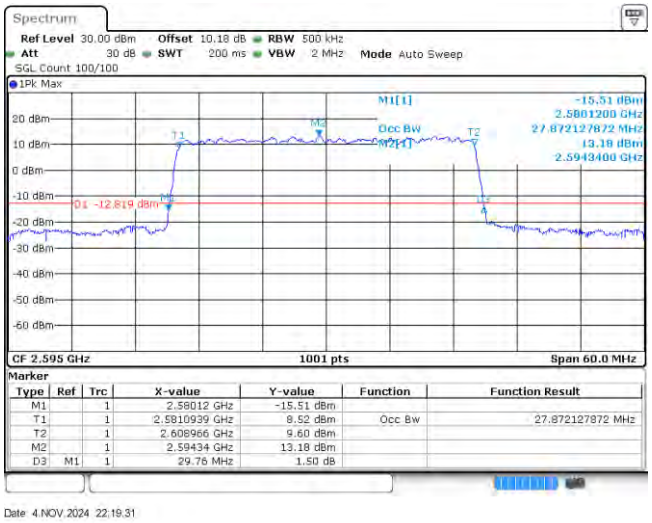

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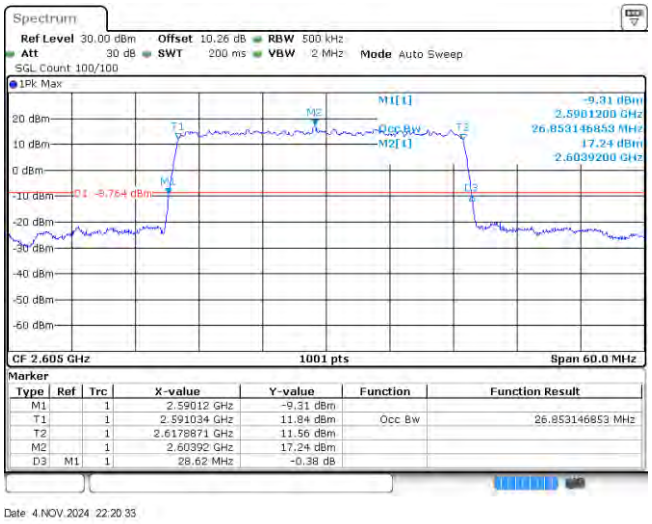
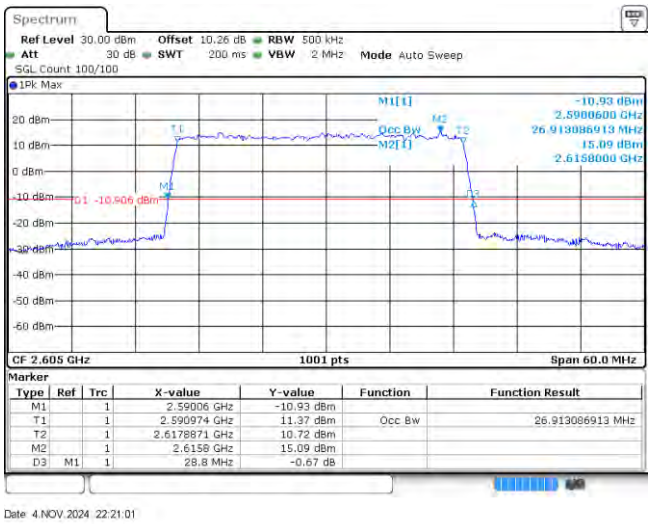


1-N38-PC3-30-30-H-1-DFT-QPSK-Outer_Full-75@0-Ant4-26.853-28.620-≤30-PASS



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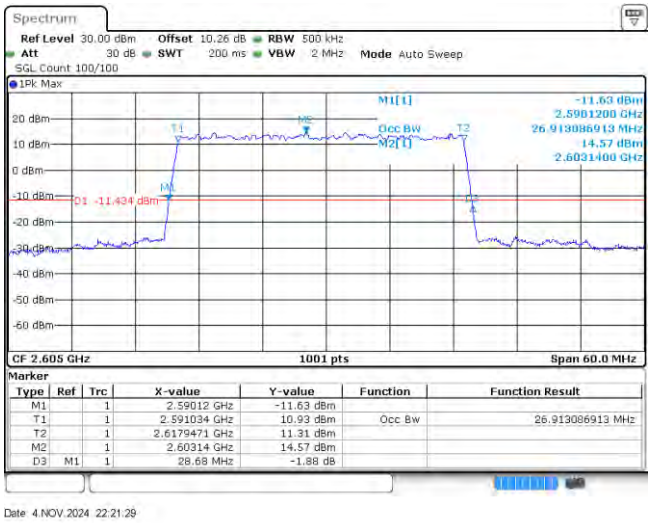

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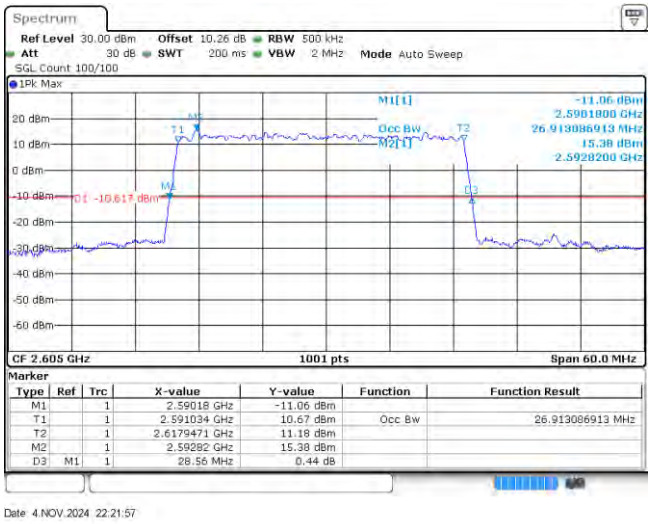

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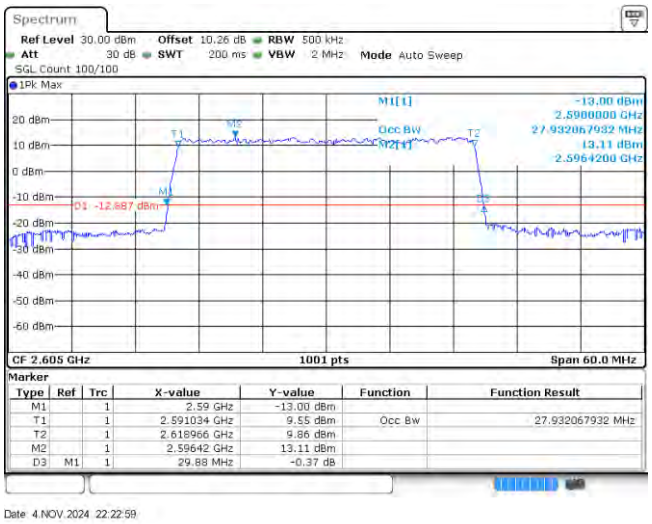

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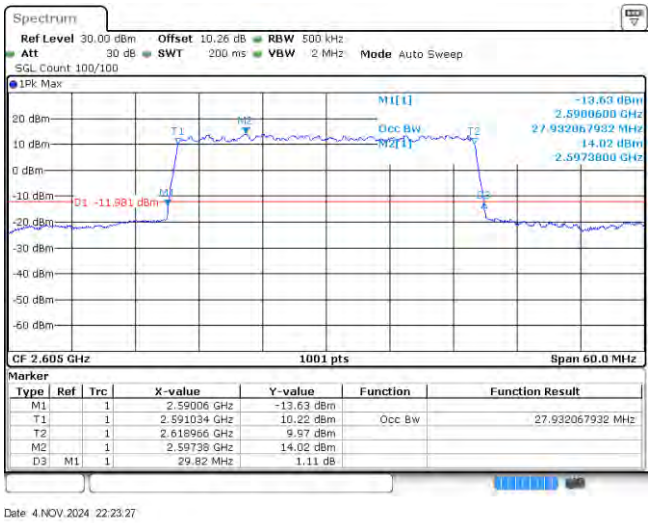

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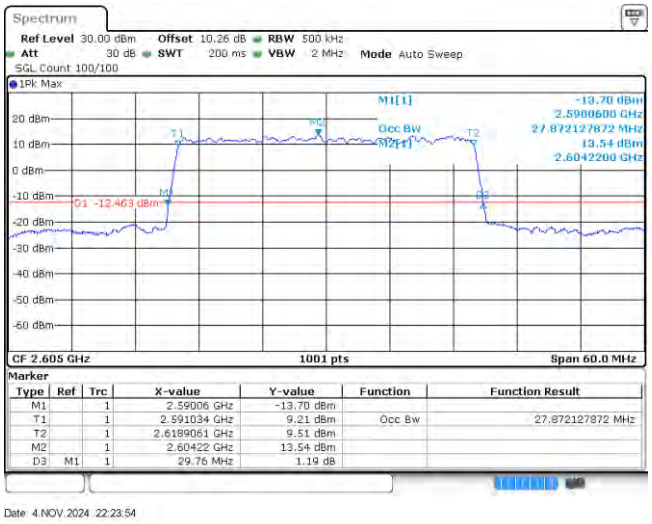

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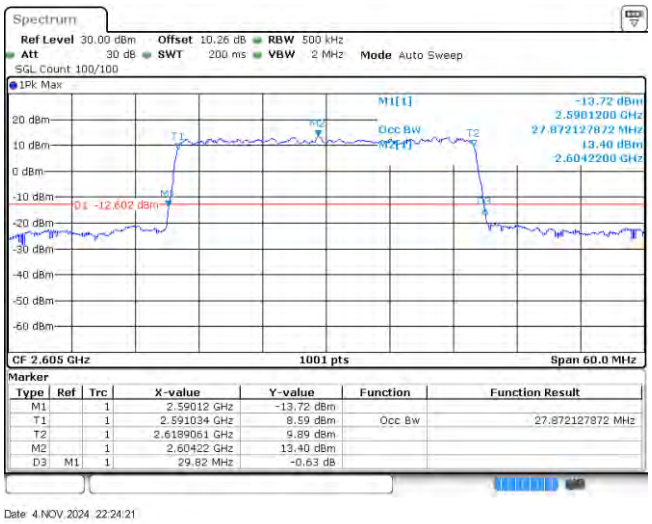

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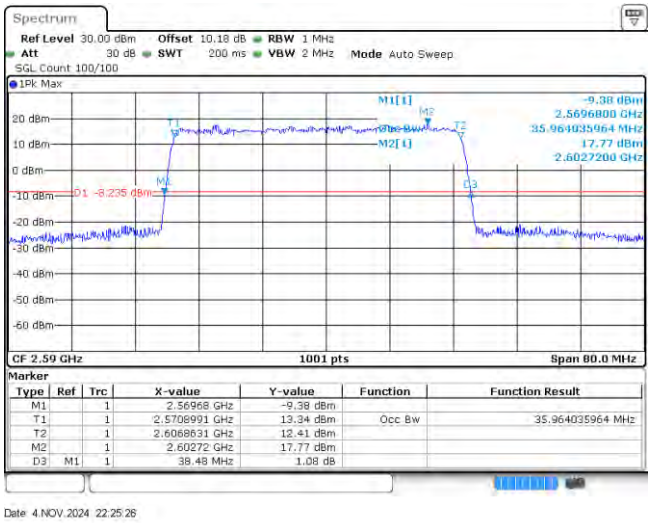
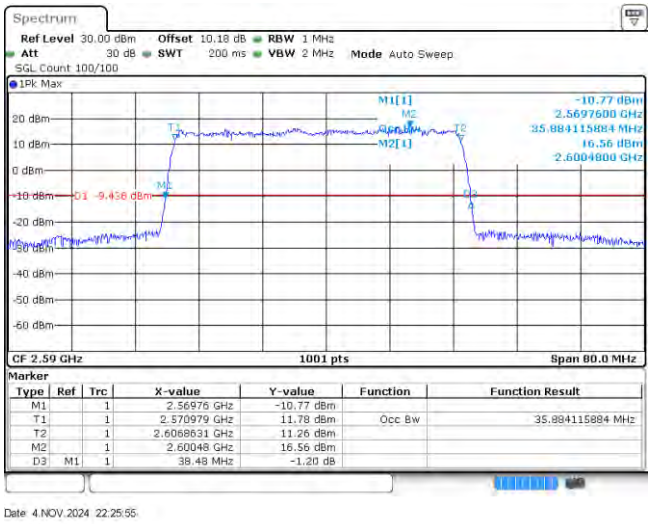


1-N38-PC3-30-40-L-1-DFT-QPSK-Outer_Full-100@0-Ant4-35.964-38.480-≤40-PASS



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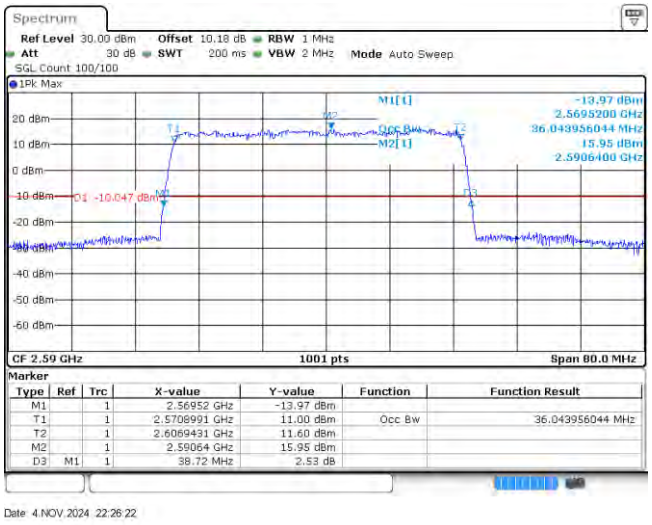
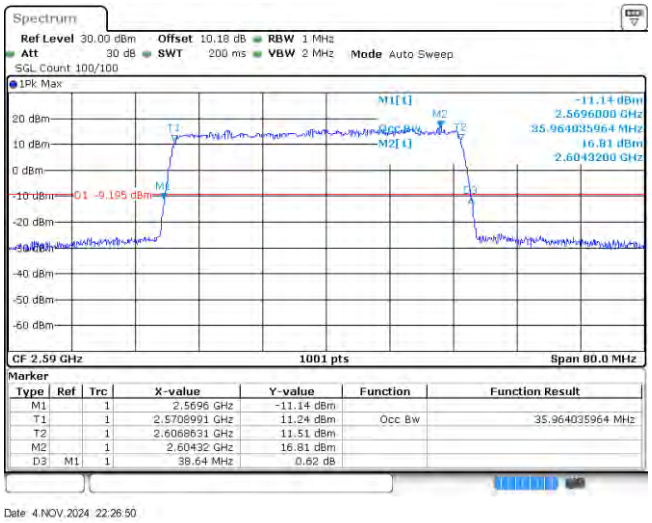
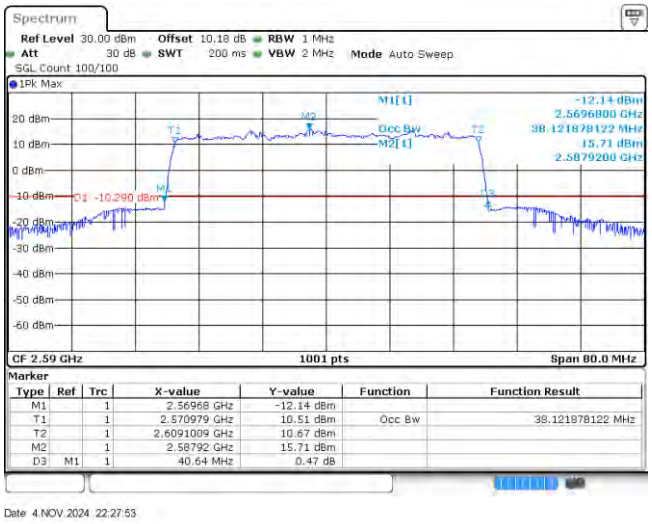


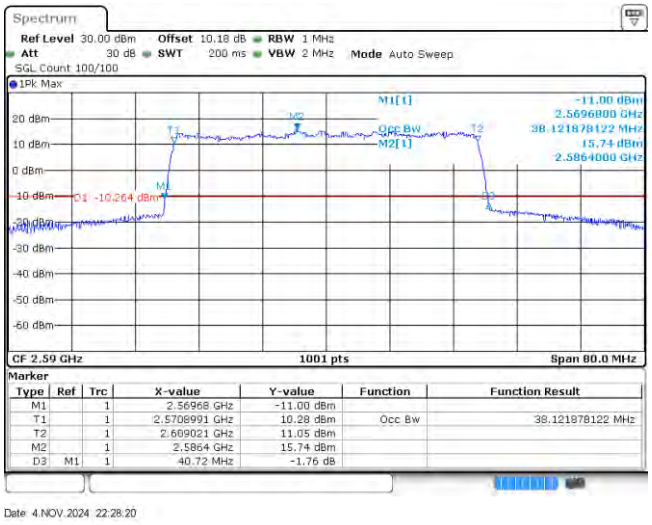
1-N38-PC3-30-40-L-4-DFT-64QAM-Outer_Full-100@0-Ant4-36.044-38.720-≤40-PASS



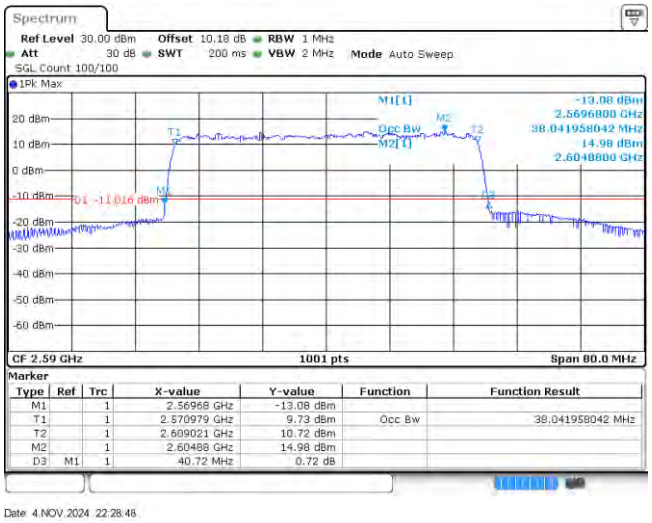
1-N38-PC3-30-40-L-5-DFT-256QAM-Outer_Full-100@0-Ant4-35.964-38.640-≤40-PASS



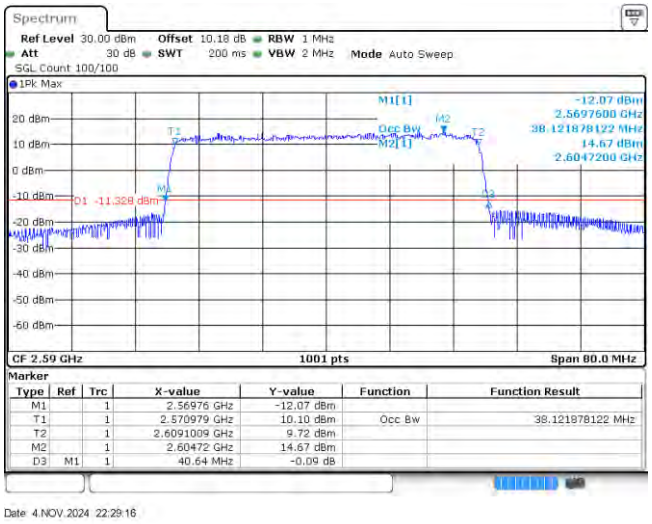
1-N38-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant4-38.122-40.640-≤40-PASS



1-N38-PC3-30-40-L-7-CP-16QAM-Outer_Full-106@0-Ant4-38.122-40.720-≤40-PASS



1-N38-PC3-30-40-L-8-CP-64QAM-Outer_Full-106@0-Ant4-38.042-40.720-≤40-PASS



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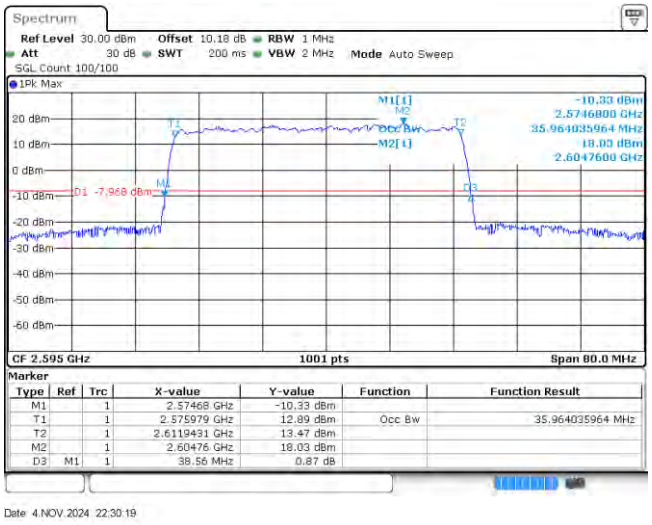
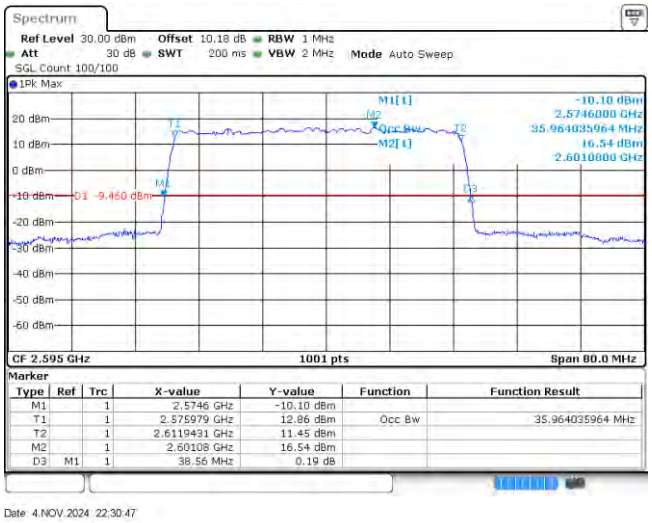


1-N38-PC3-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant4-35.964-38.560-≤40-PASS



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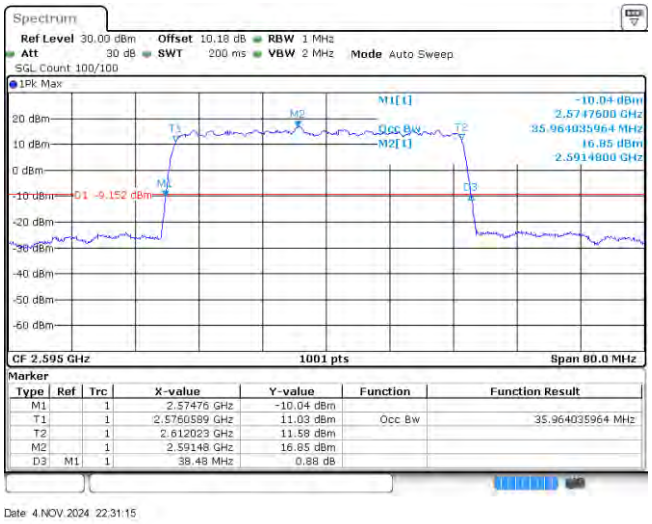

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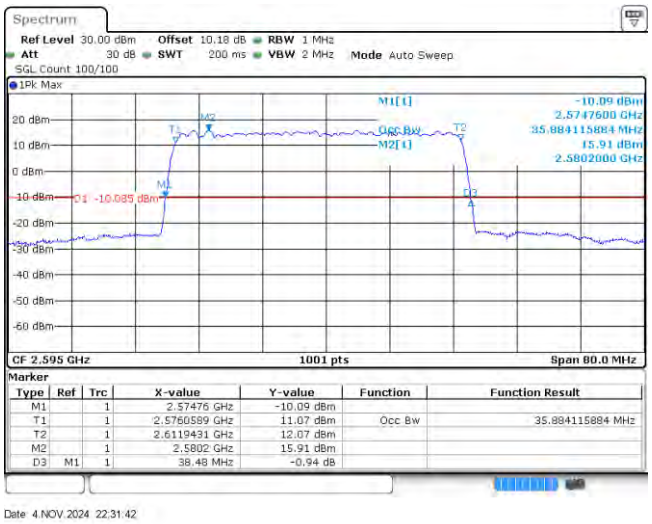

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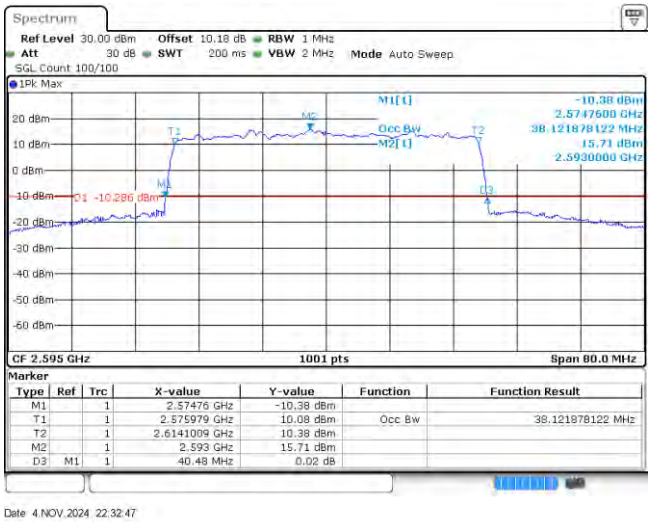
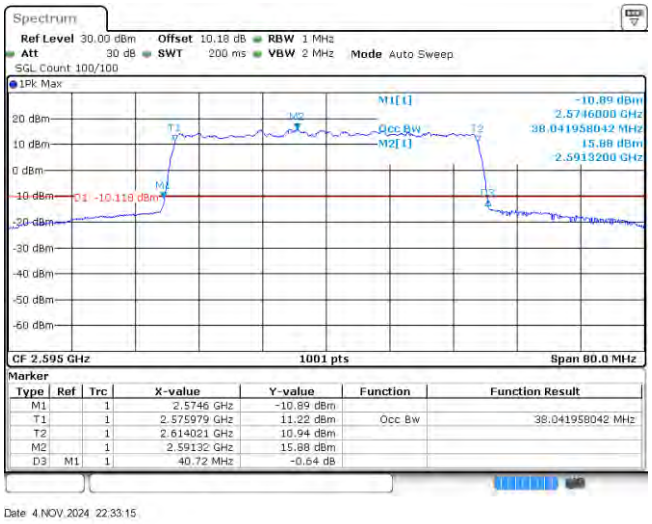


1-N38-PC3-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant4-38.122-40.480-≤40-PASS



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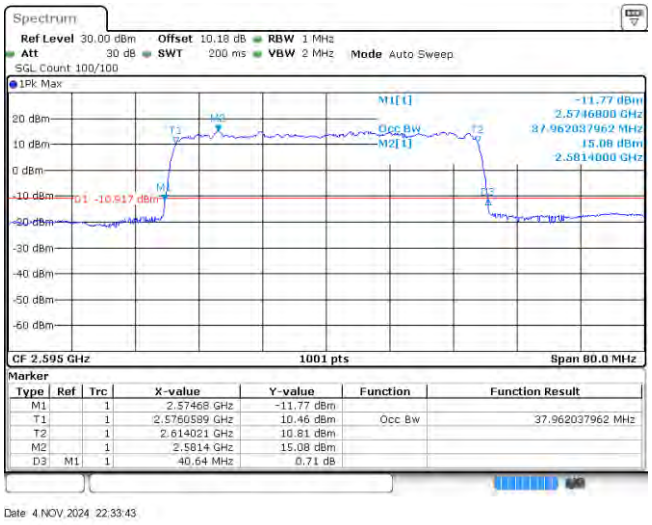
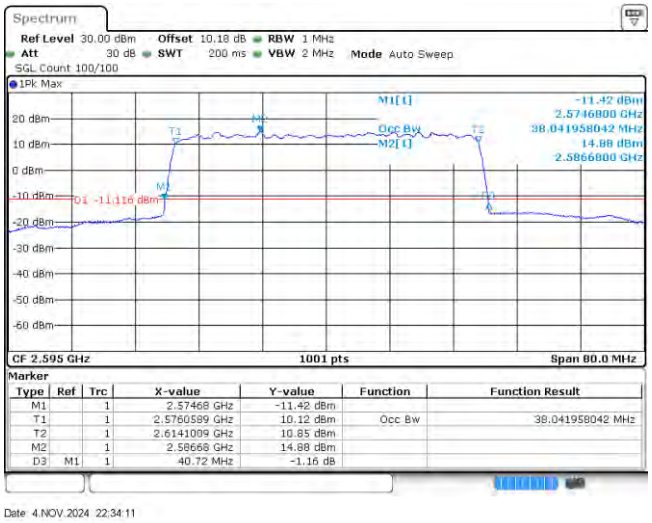


1-N38-PC3-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant4-37.962-40.640-≤40-PASS



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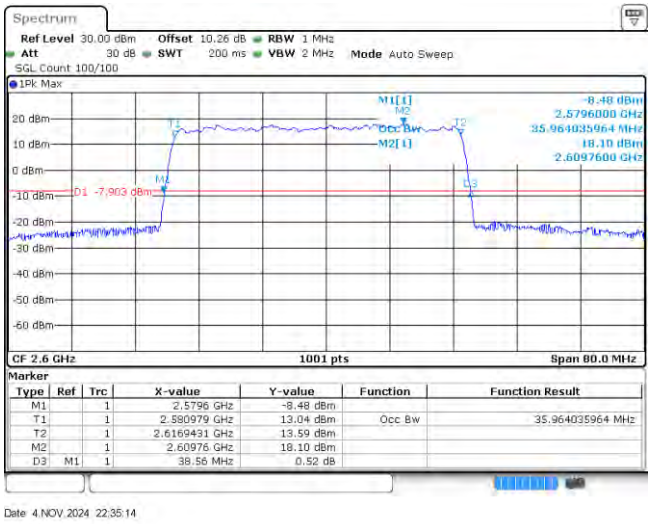

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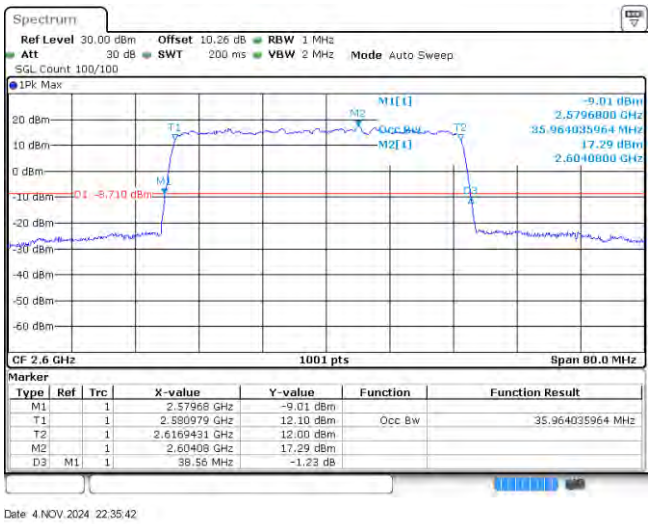

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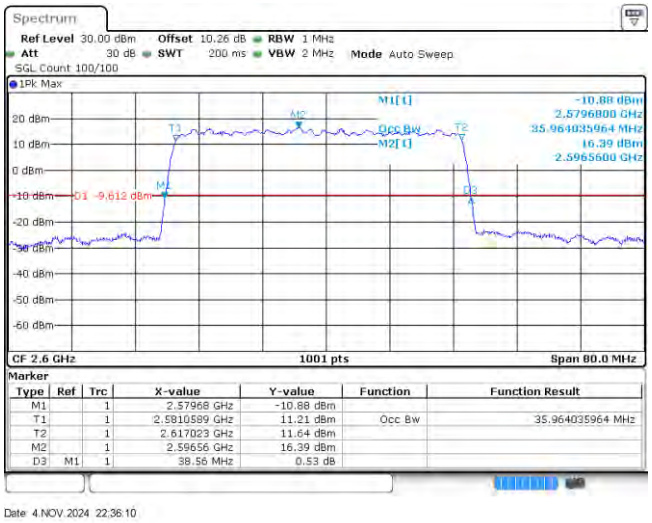
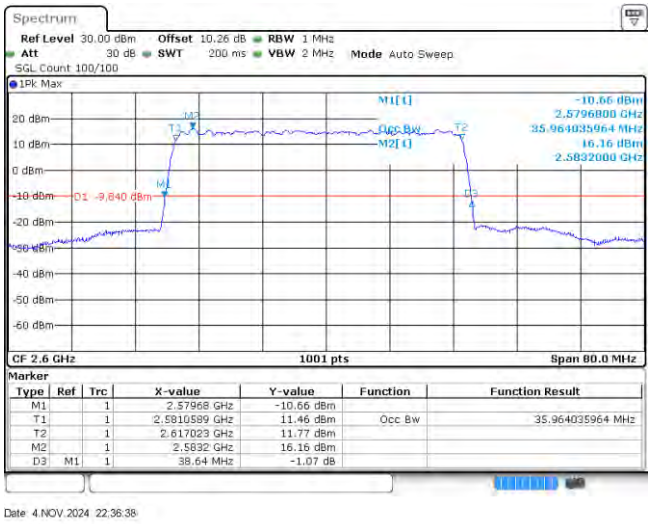


1-N38-PC3-30-40-H-4-DFT-64QAM-Outer_Full-100@0-Ant4-35.964-38.560-≤40-PASS



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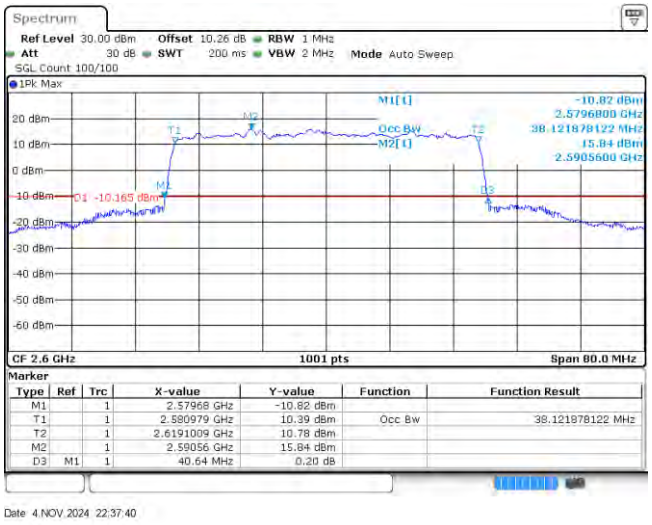
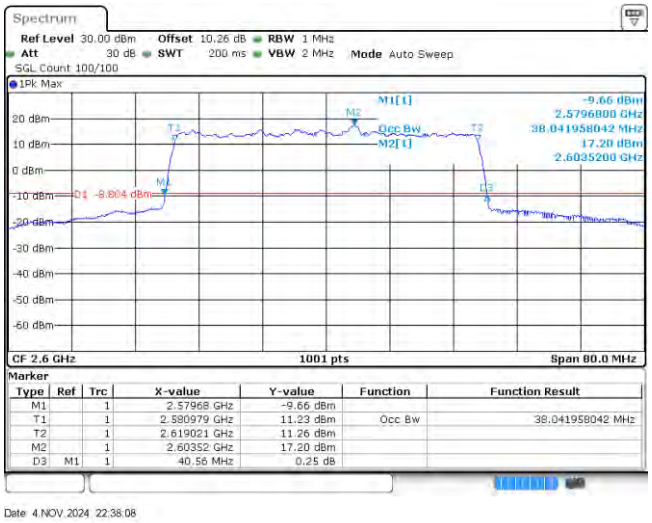
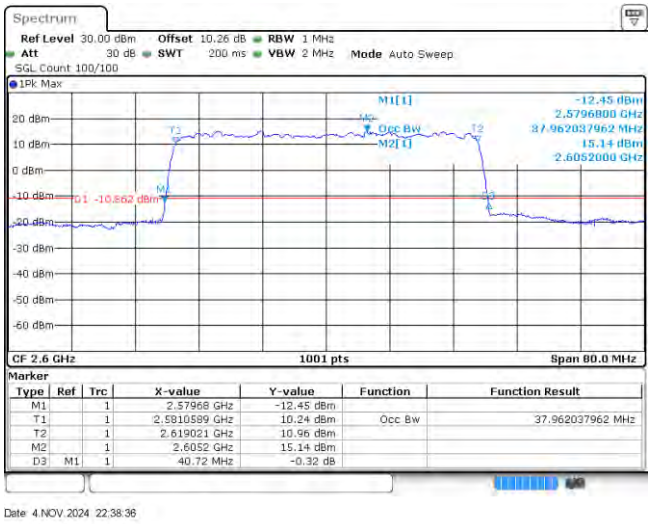


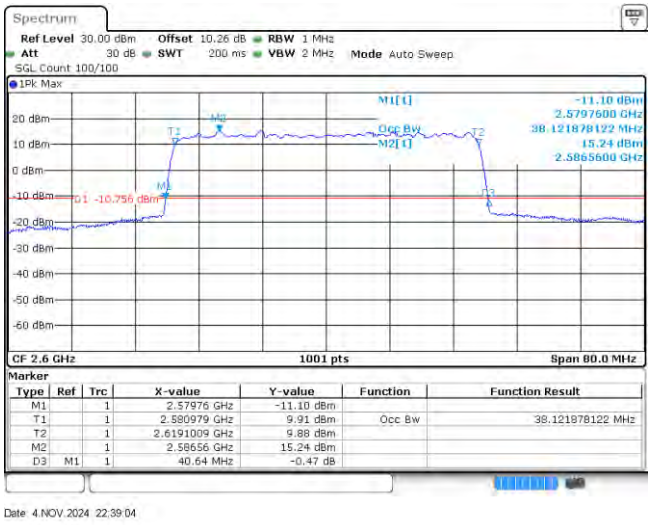
1-N38-PC3-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant4-38.122-40.640-≤40-PASS



1-N38-PC3-30-40-H-7-CP-16QAM-Outer_Full-106@0-Ant4-38.042-40.560-≤40-PASS



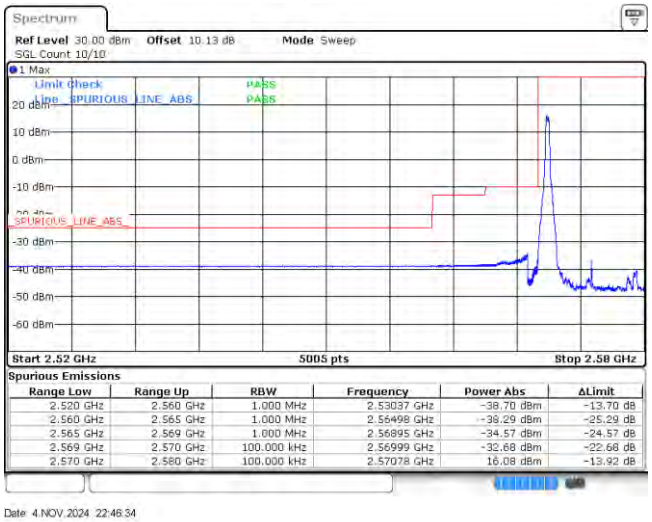
1-N38-PC3-30-40-H-8-CP-64QAM-Outer_Full-106@0-Ant4-37.962-40.720-≤40-PASS



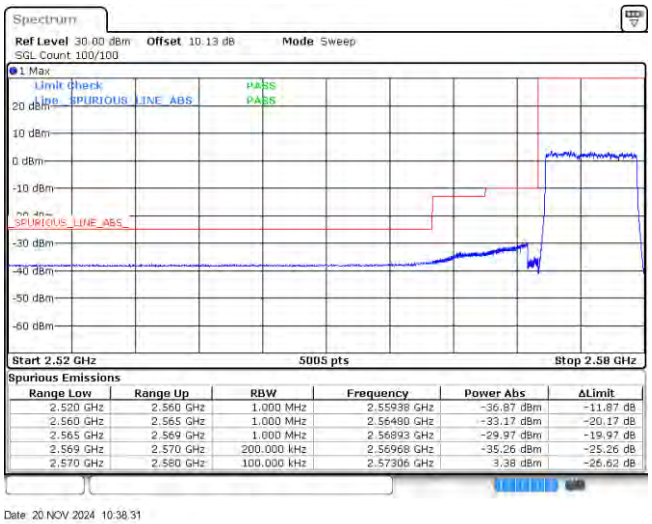
1-N38-PC3-30-40-H-9-CP-256QAM-Outer_Full-106@0-Ant4-38.122-40.640-≤40-PASS

Band Edge for SA

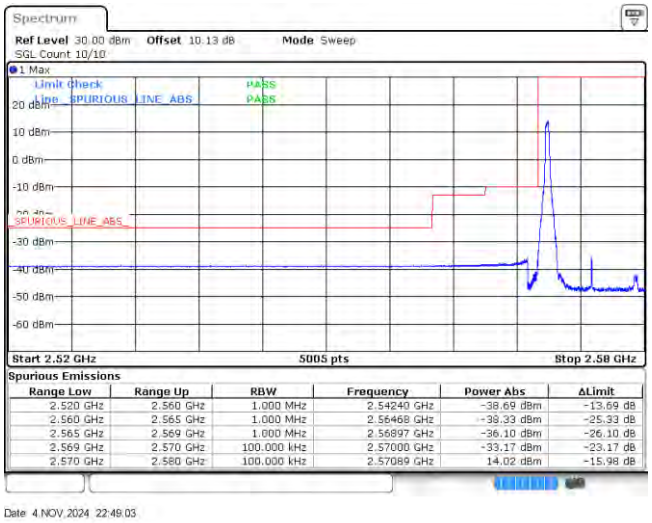
Test Graphs



1-N38-PC3-30-10-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant4-2530.37-13.70--38.70-PASS



1-N38-PC3-30-10-L-3-DFT-QPSK-Outer_Full-24@0-Ant4-2559.38-11.87--36.87-PASS



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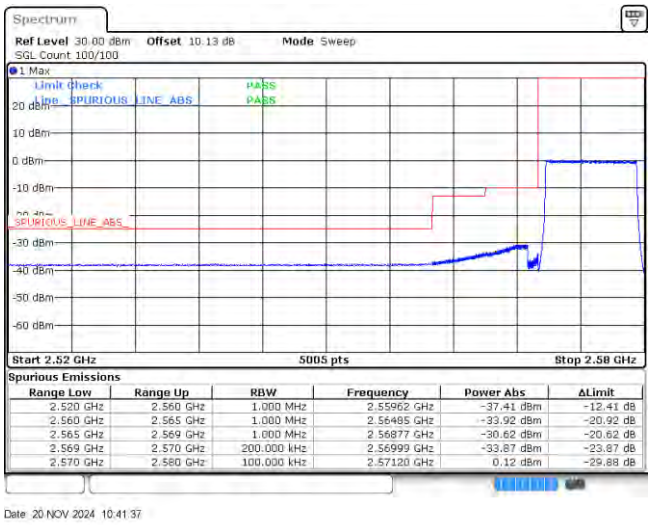

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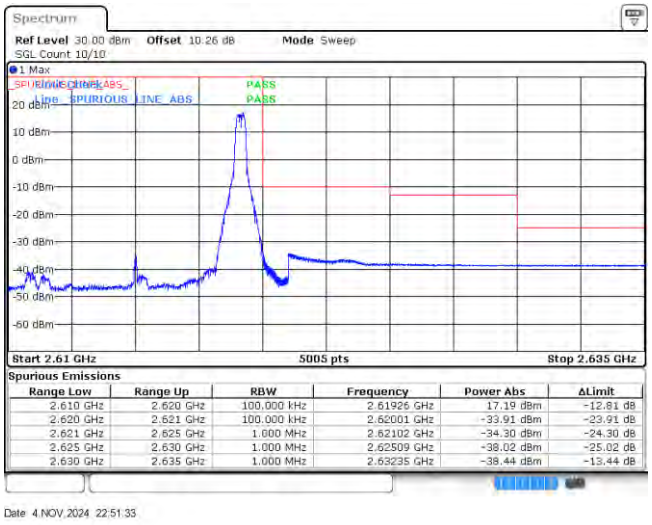

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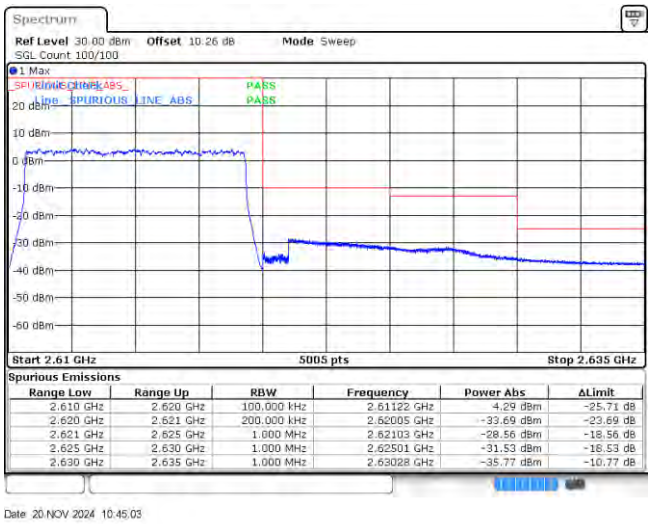
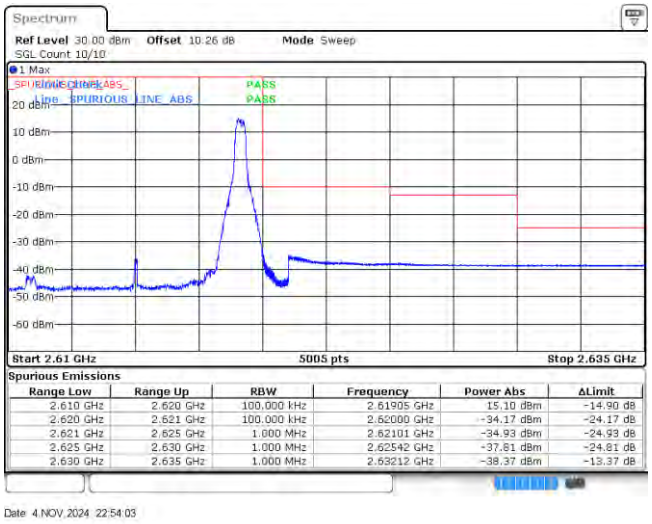


1-N38-PC3-30-10-H-3-DFT-QPSK-Outer_Full-24@0-Ant4-2630.28-10.77--35.77-PASS



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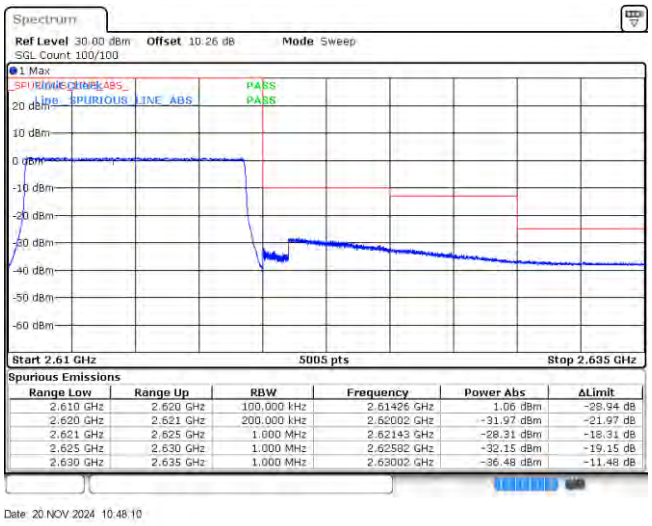

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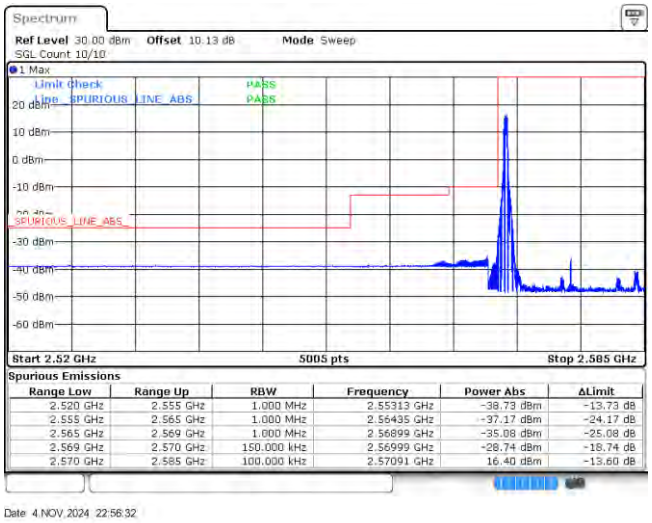

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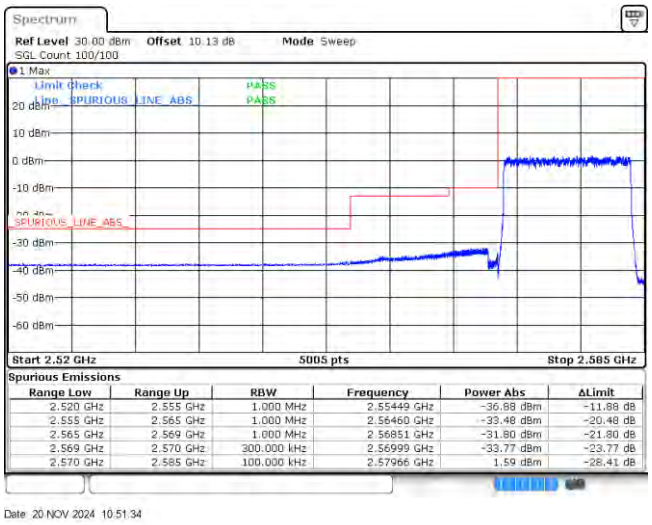
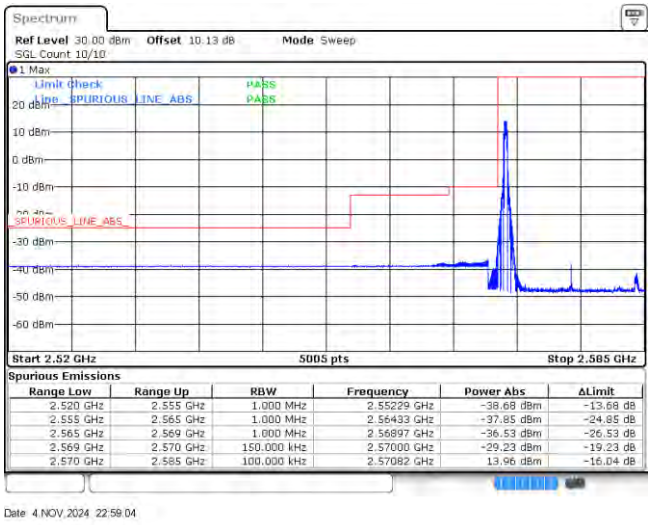


1-N38-PC3-30-15-L-3-DFT-QPSK-Outer_Full-36@0-Ant4-2554.49-11.88--36.88-PASS



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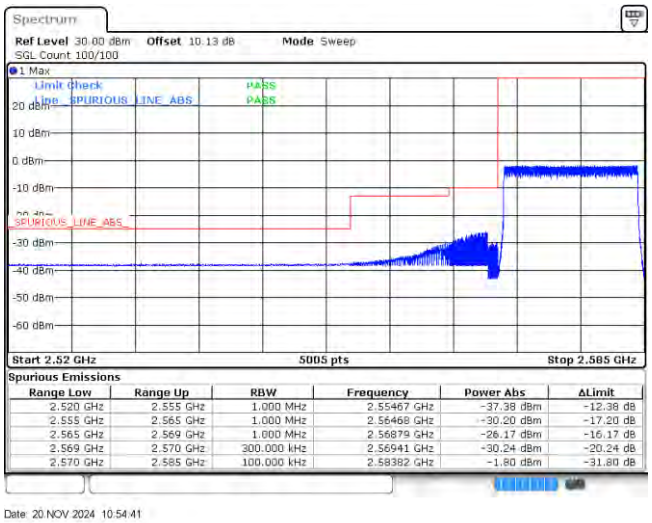

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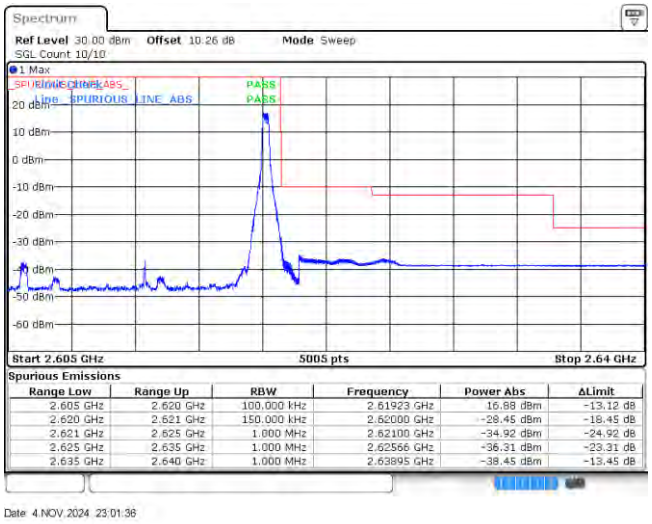

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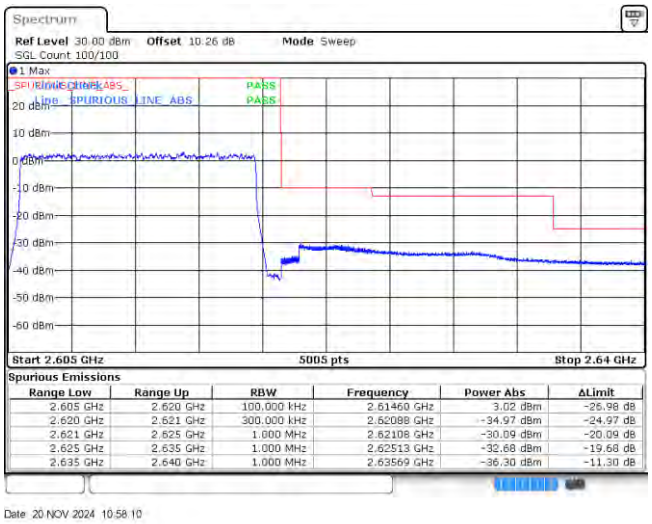

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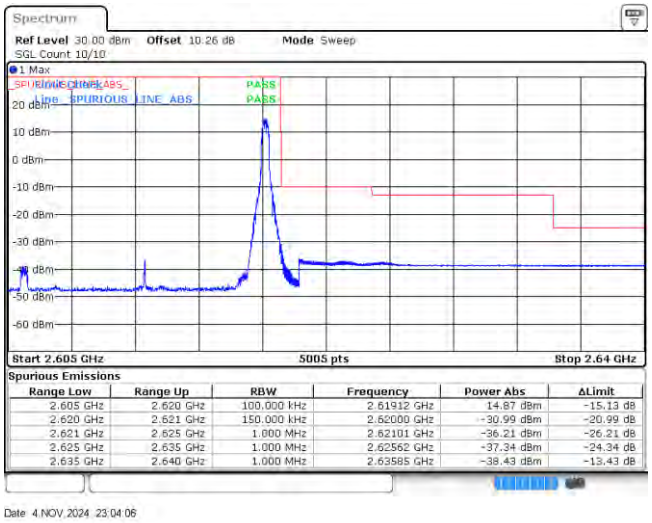

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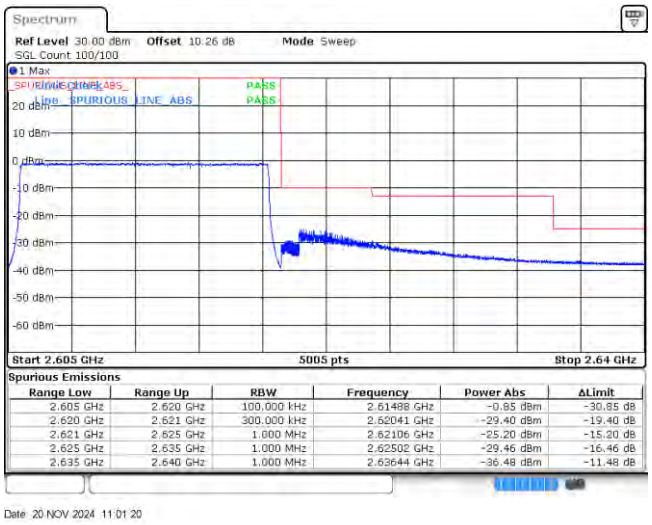
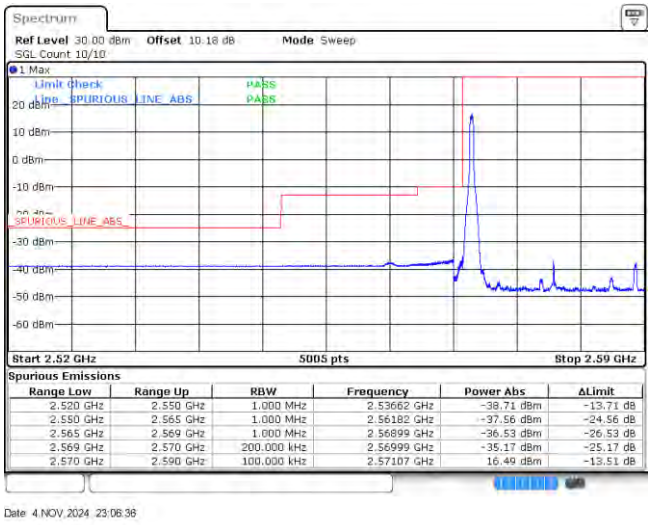
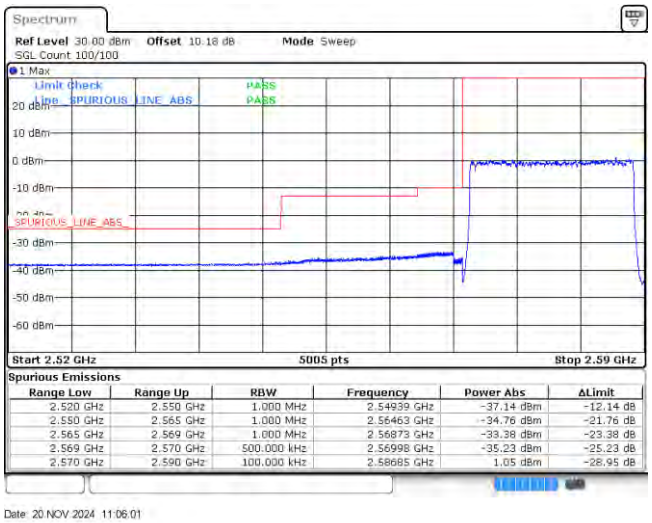


1-N38-PC3-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant4-2636.44-11.48--36.48-PASS



1-N38-PC3-30-20-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant4-2536.62-13.71--38.71-PASS

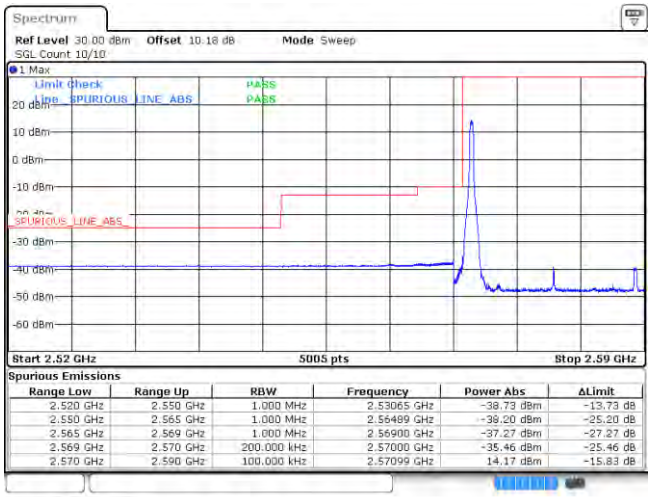


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.520 GHz	2.550 GHz	1.000 MHz	2.54939 GHz	-37.14 dBm	-12.14 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56463 GHz	-34.76 dBm	-21.76 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56873 GHz	-33.38 dBm	-23.38 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56998 GHz	-35.23 dBm	-25.23 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58685 GHz	1.05 dBm	-28.95 dB

Date: 20.NOV.2024 11:06:01

1-N38-PC3-30-20-L-3-DFT-QPSK-Outer_Full-50@0-Ant4-2549.39-12.14--37.14-PASS

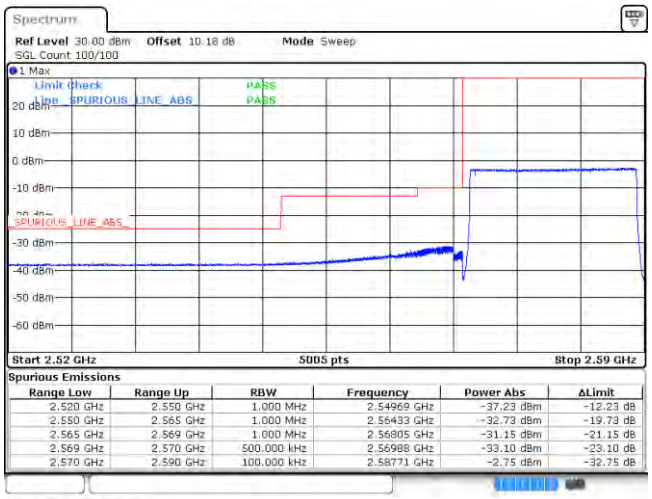


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.520 GHz	2.550 GHz	1.000 MHz	2.53065 GHz	-38.73 dBm	-13.73 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56489 GHz	-38.20 dBm	-25.20 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56900 GHz	-37.27 dBm	-27.27 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.57000 GHz	-35.46 dBm	-25.46 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57099 GHz	14.17 dBm	-15.83 dB

Date: 4.NOV.2024 23:09:05

1-N38-PC3-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant4-2530.65-13.73--38.73-PASS

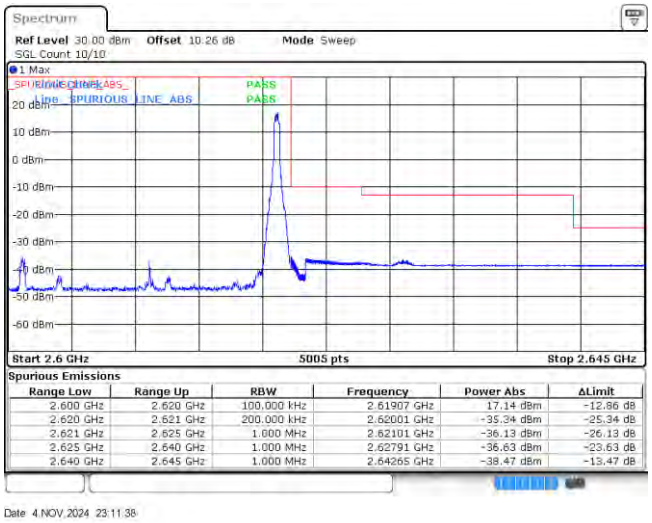


Spurious Emissions

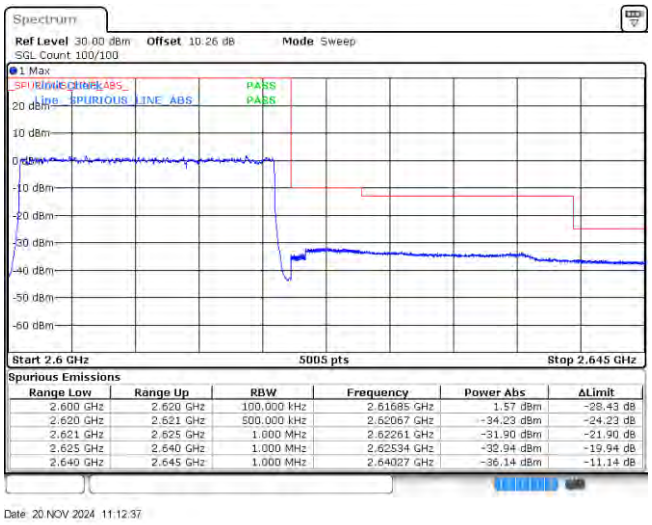
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.520 GHz	2.550 GHz	1.000 MHz	2.54969 GHz	-37.23 dBm	-12.23 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56433 GHz	-32.73 dBm	-19.73 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56805 GHz	-31.15 dBm	-21.15 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56988 GHz	-33.10 dBm	-23.10 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58771 GHz	-2.75 dBm	-32.75 dB

Date: 20.NOV.2024 11:09:08

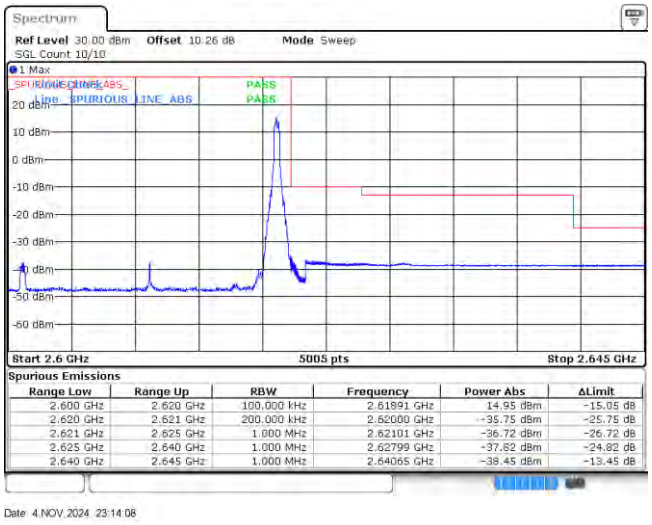
1-N38-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant4-2549.69-12.23--37.23-PASS



1-N38-PC3-30-20-H-2-DFT-QPSK-Edge_1RB_Right-1@50-Ant4-2642.65-13.47--38.47-PASS

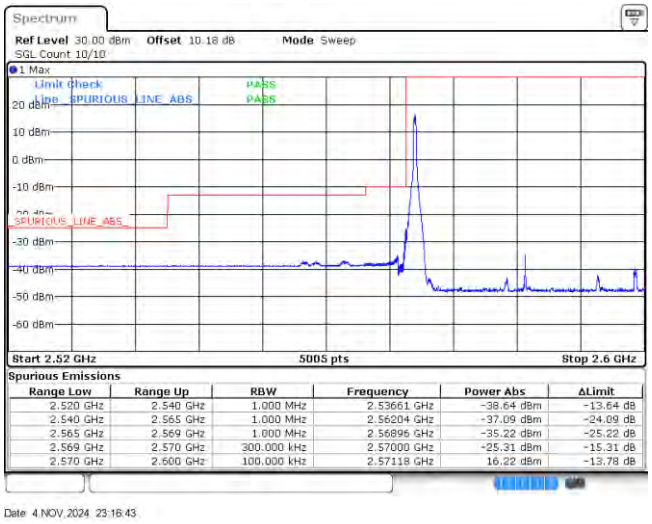


1-N38-PC3-30-20-H-3-DFT-QPSK-Outer_Full-50@0-Ant4-2640.27-11.14--36.14-PASS

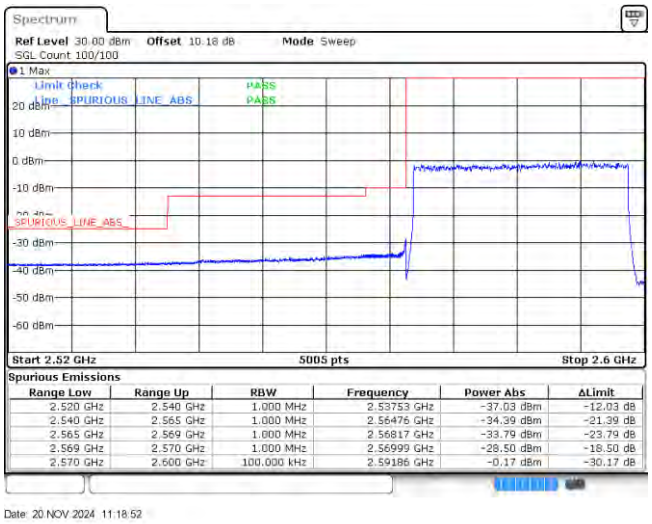


1-N38-PC3-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant4-2640.65-13.45--38.45-PASS

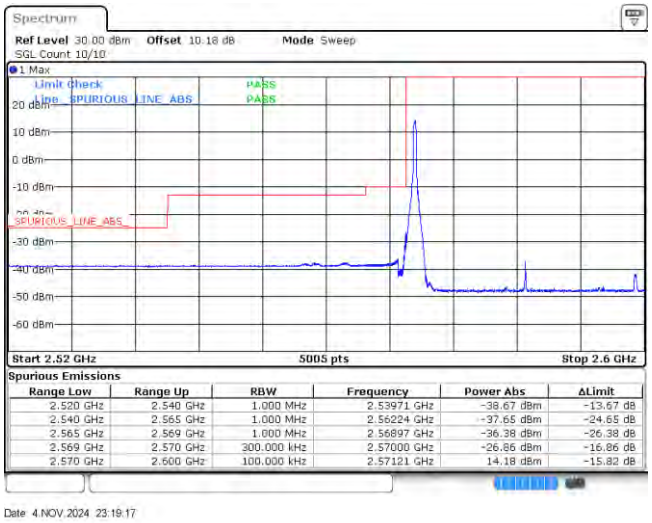
1-N38-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant4-2640.06-11.45--36.45-PASS



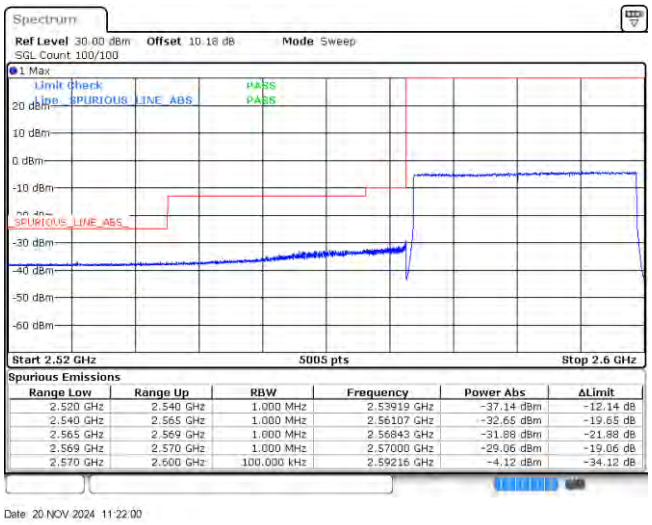
1-N38-PC3-30-30-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant4-2536.61-13.64--38.64-PASS



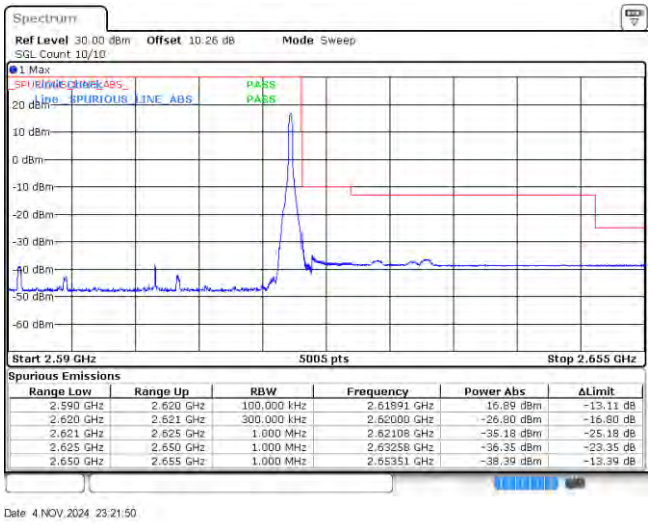
1-N38-PC3-30-30-L-3-DFT-QPSK-Outer_Full-75@0-Ant4-2537.53-12.03--37.03-PASS



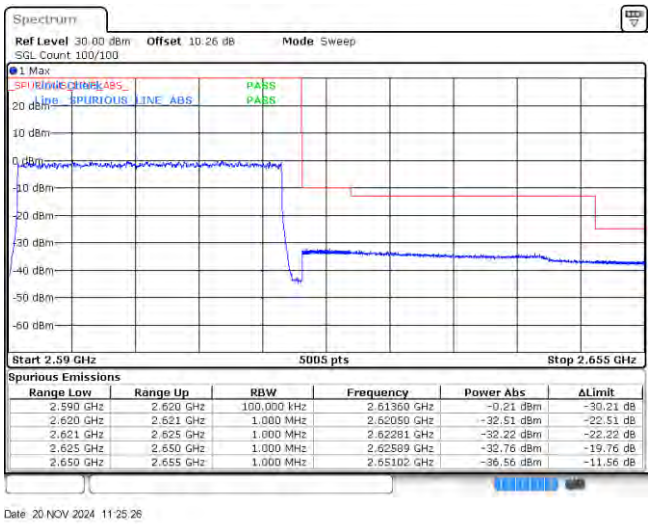
1-N38-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant4-2539.71-13.67--38.67-PASS



1-N38-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant4-2539.19-12.14--37.14-PASS



1-N38-PC3-30-30-H-2-DFT-QPSK-Edge_1RB_Right-1@77-Ant4-2653.51-13.39--38.39-PASS



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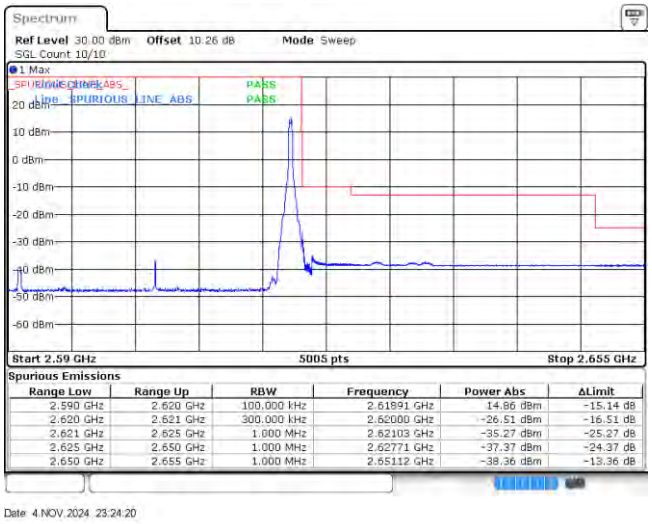

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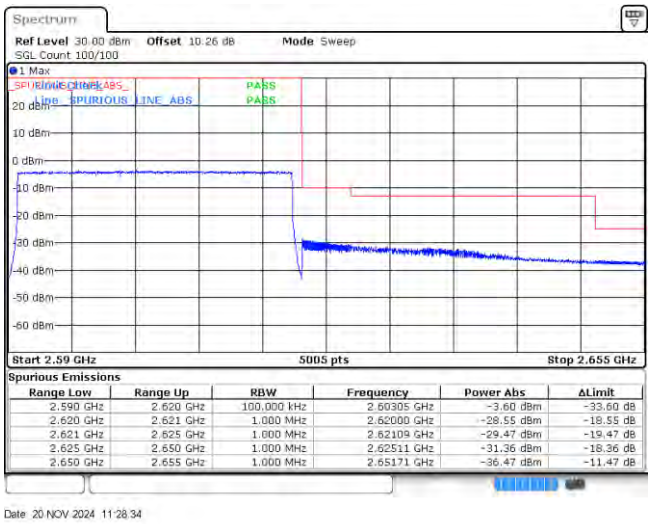
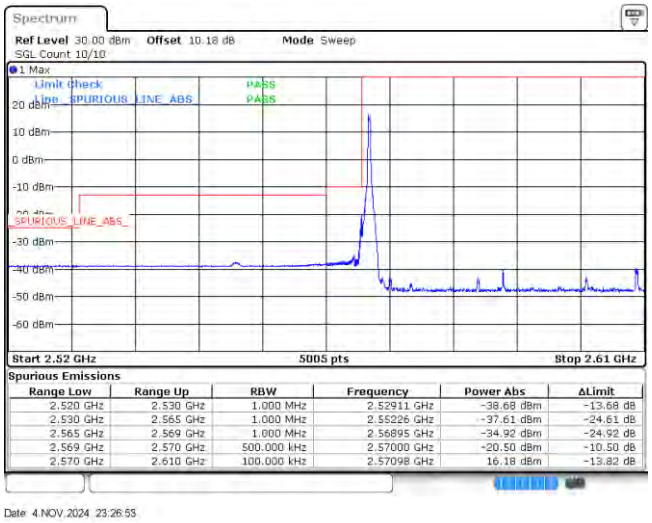
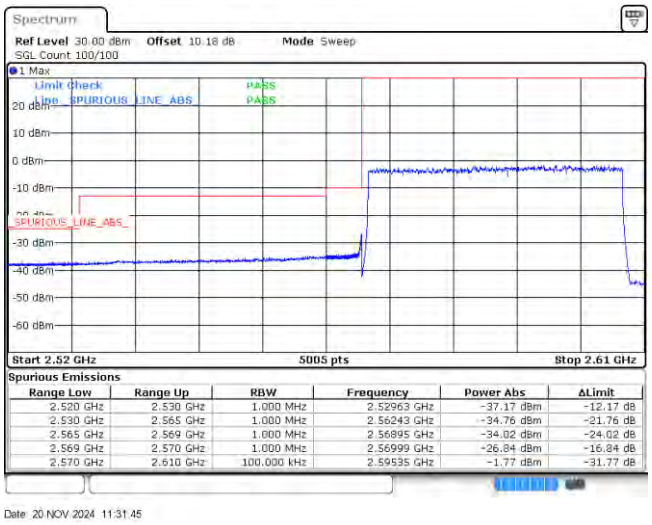


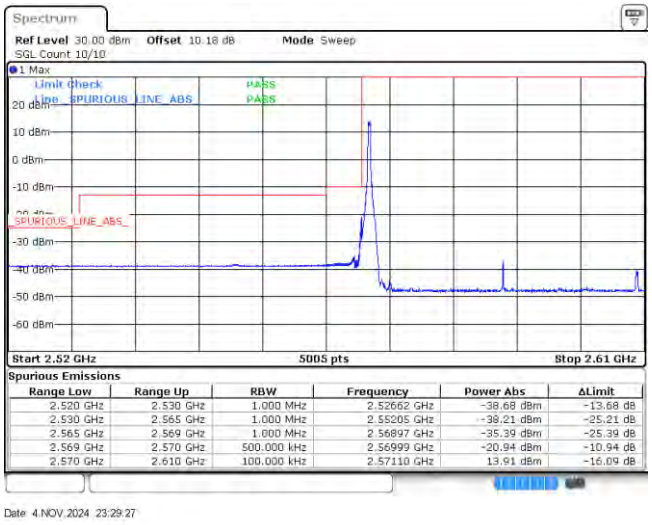
1-N38-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant4-2651.71-11.47--36.47-PASS



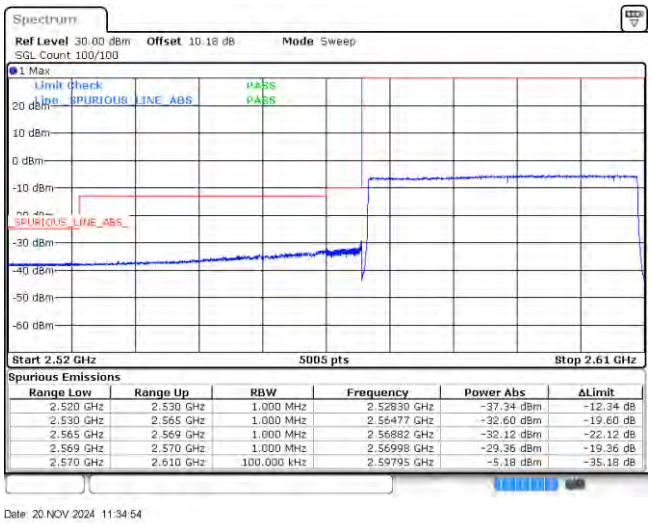
1-N38-PC3-30-40-L-1-DFT-QPSK-Edge_1RB_Left-1@0-Ant4-2570.00-10.50--20.50-PASS



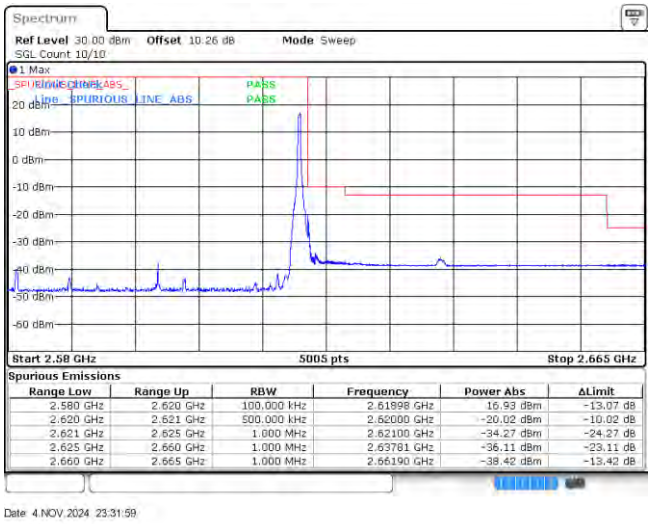
1-N38-PC3-30-40-L-3-DFT-QPSK-Outer_Full-100@0-Ant4-2529.63-12.17--37.17-PASS



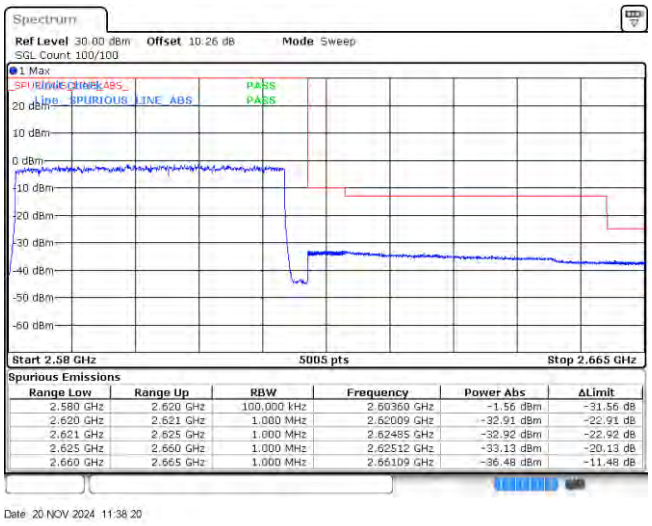
1-N38-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant4-2569.99-10.94--20.94-PASS



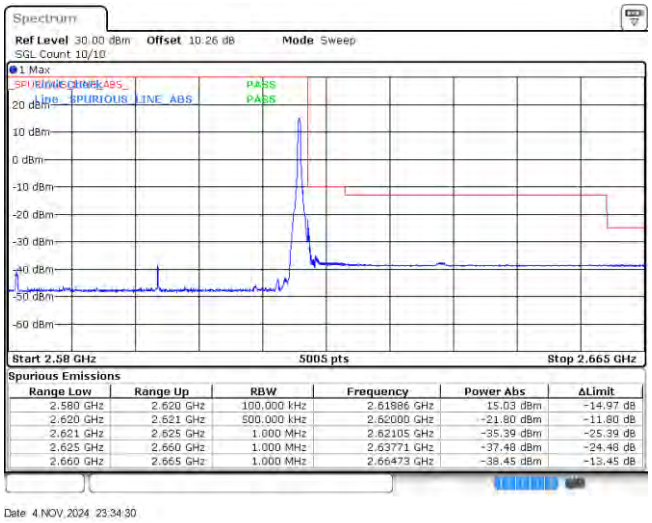
1-N38-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant4-2528.30-12.34--37.34-PASS



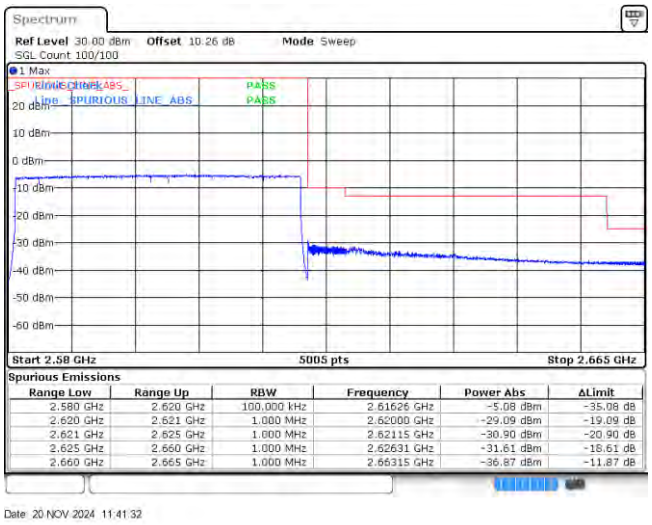
1-N38-PC3-30-40-H-2-DFT-QPSK-Edge_1RB_Right-1@105-Ant4-2620.00-10.02--20.02-PASS



1-N38-PC3-30-40-H-3-DFT-QPSK-Outer_Full-100@0-Ant4-2661.09-11.48--36.48-PASS



1-N38-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant4-2620.00-11.80--21.80-PASS



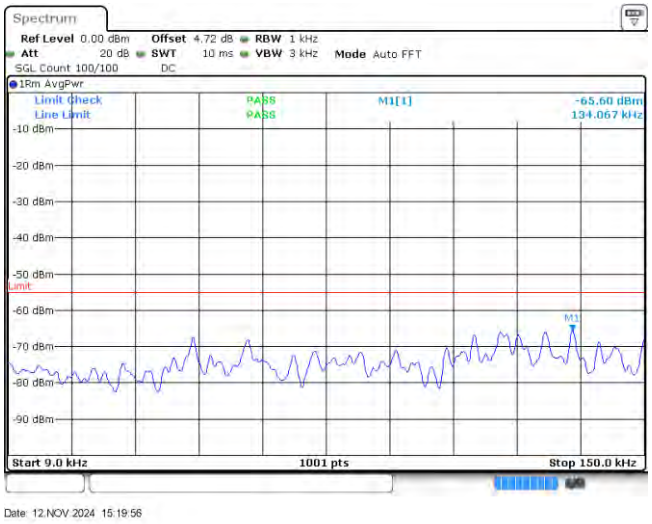
1-N38-PC3-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant4-2663.15-11.87--36.87-PASS

Conducted Spurious Emission for SA

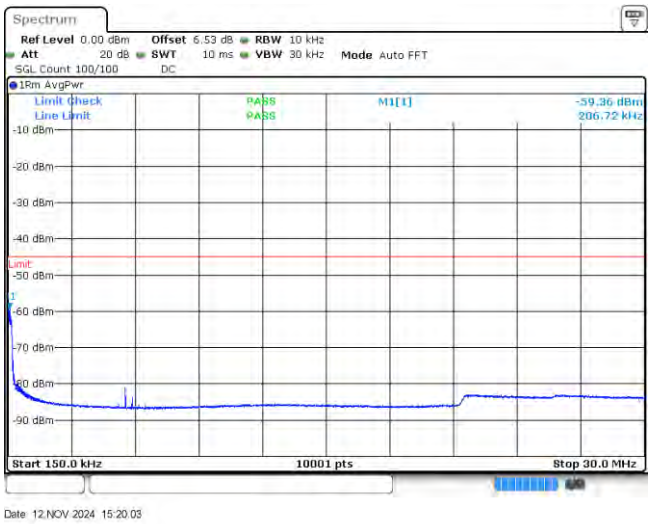
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result (dBm)	Limit (dBm)	Verdict
N38	30	40	DFT-QPSK	L	0.009	0.15	1@0	-65.60	-55	PASS
N38	30	40	DFT-QPSK	L	0.15	30	1@0	-59.36	-45	PASS
N38	30	40	DFT-QPSK	L	30	1000	1@0	-50.65	-35	PASS
N38	30	40	DFT-QPSK	L	1000	3000	1@0	-54.68	-25	PASS
N38	30	40	DFT-QPSK	L	3000	12000	1@0	-40.51	-25	PASS
N38	30	40	DFT-QPSK	L	12000	26500	1@0	-39.59	-25	PASS
N38	30	40	DFT-QPSK	M	0.009	0.15	1@0	-61.70	-55	PASS
N38	30	40	DFT-QPSK	M	0.15	30	1@0	-58.20	-45	PASS
N38	30	40	DFT-QPSK	M	30	1000	1@0	-50.53	-35	PASS
N38	30	40	DFT-QPSK	M	1000	3000	1@0	-55.22	-25	PASS
N38	30	40	DFT-QPSK	M	3000	12000	1@0	-40.43	-25	PASS
N38	30	40	DFT-QPSK	M	12000	26500	1@0	-39.72	-25	PASS
N38	30	40	DFT-QPSK	H	0.009	0.15	1@0	-61.38	-55	PASS
N38	30	40	DFT-QPSK	H	0.15	30	1@0	-57.59	-45	PASS
N38	30	40	DFT-QPSK	H	30	1000	1@0	-50.62	-35	PASS
N38	30	40	DFT-QPSK	H	1000	3000	1@0	-55.20	-25	PASS
N38	30	40	DFT-QPSK	H	3000	12000	1@0	-40.58	-25	PASS
N38	30	40	DFT-QPSK	H	12000	26500	1@0	-39.70	-25	PASS

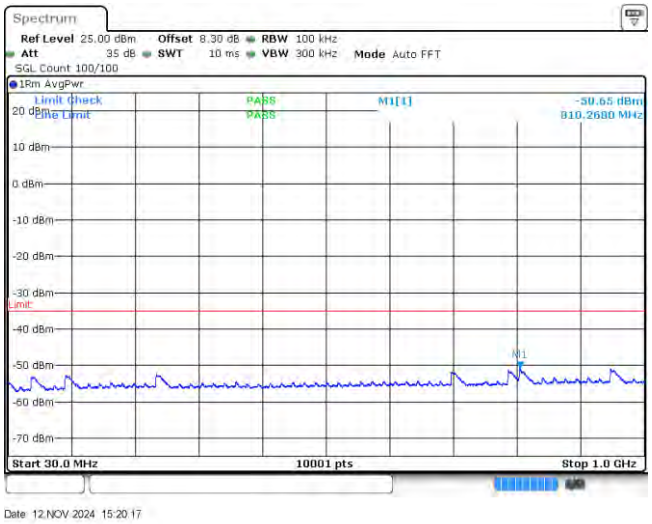
Test Graphs



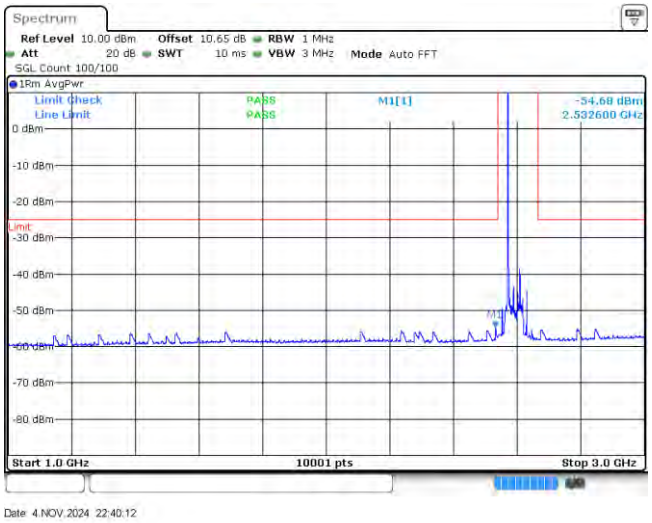
1-N38-PC3-30-40-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant4-0.13--65.60--55-PASS



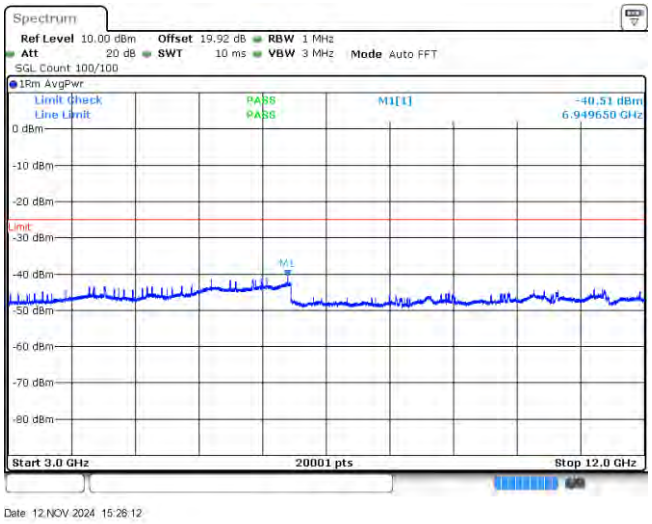
1-N38-PC3-30-40-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant4-0.21--59.36--45-PASS



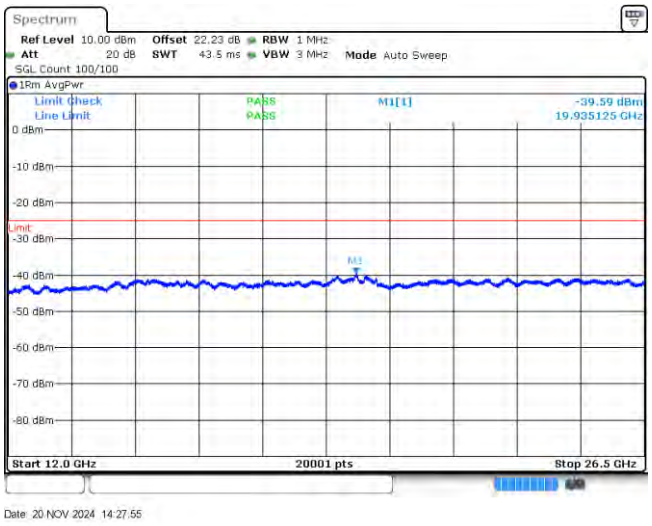
1-N38-PC3-30-40-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant4-810.27--50.65--35-PASS



1-N38-PC3-30-40-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant4-2532.60--54.68--25-PASS



1-N38-PC3-30-40-L-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant4-6949.65--40.51--25-PASS



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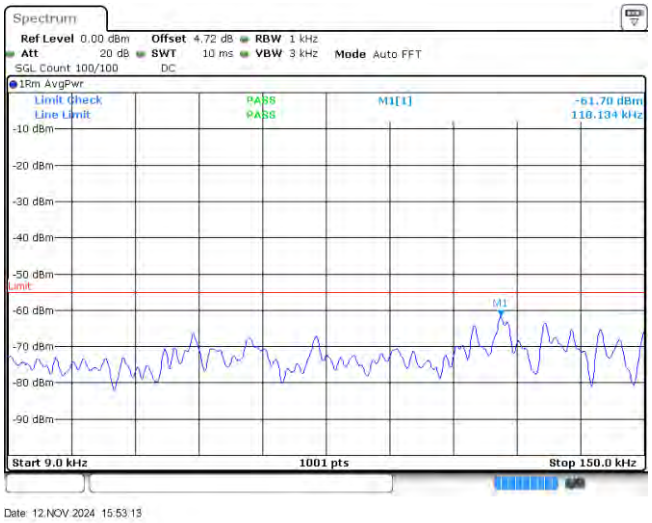
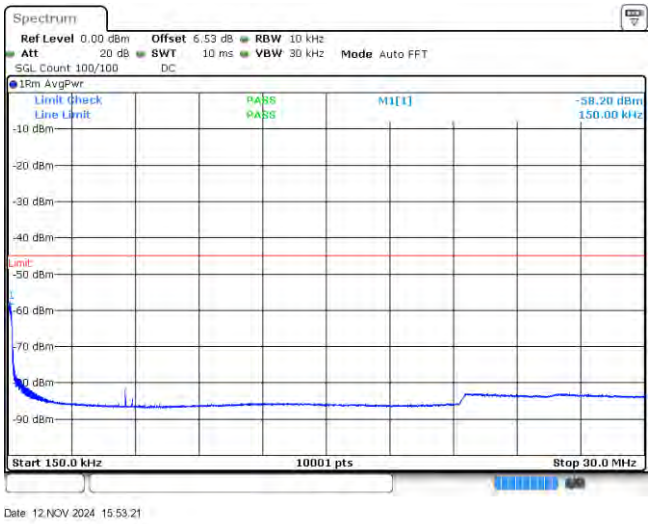
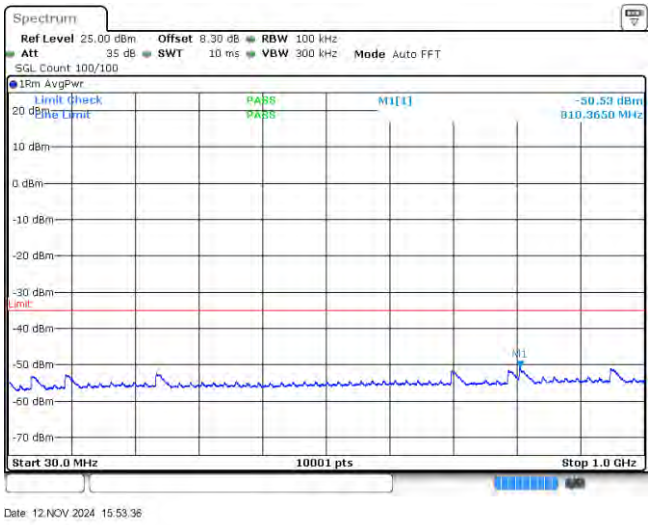


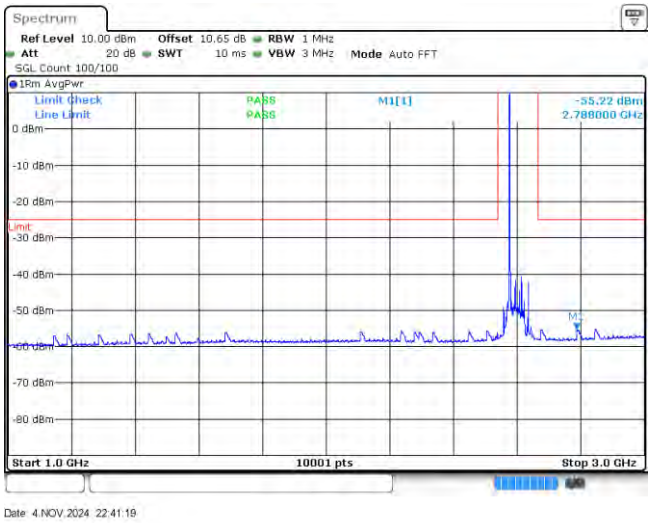
1-N38-PC3-30-40-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant4-0.12--61.70--55-PASS



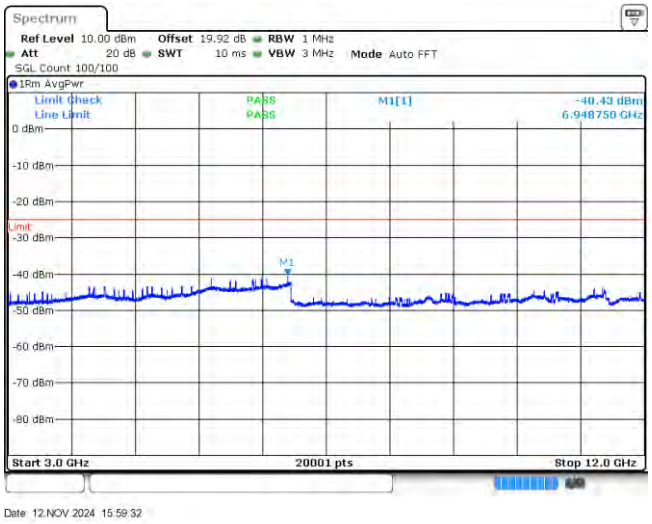
1-N38-PC3-30-40-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant4-0.15--58.20--45-PASS



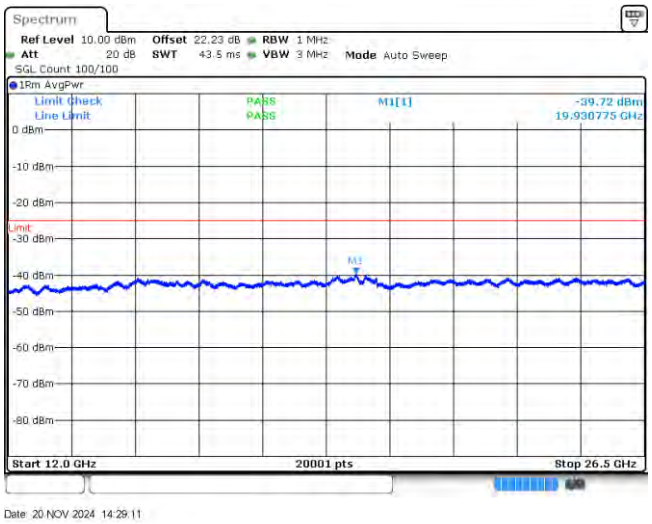
1-N38-PC3-30-40-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant4-810.37--50.53--35-PASS



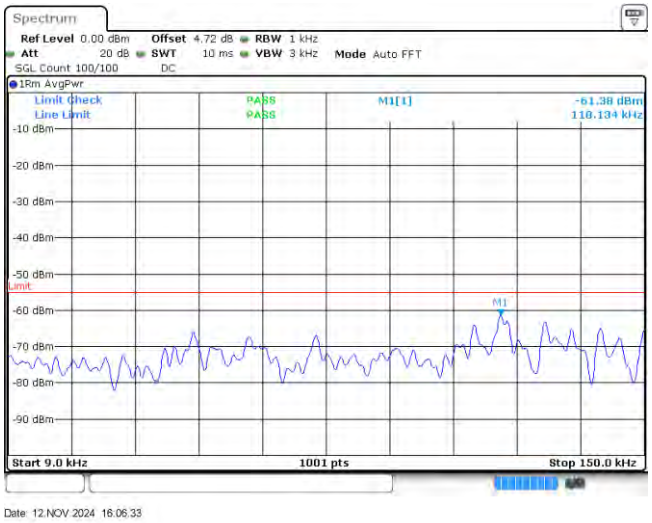
1-N38-PC3-30-40-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant4-2788.00--55.22--25-PASS



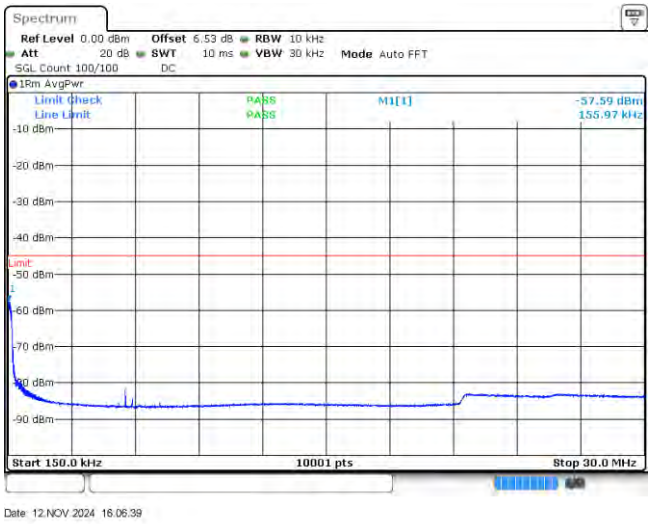
1-N38-PC3-30-40-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant4-6948.75--40.43--25-PASS



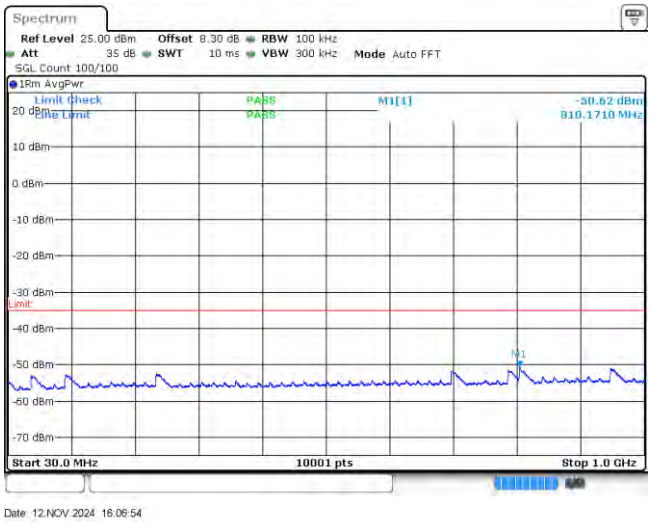
1-N38-PC3-30-40-M-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-26500-Ant4-19930.78--39.72--25-PASS



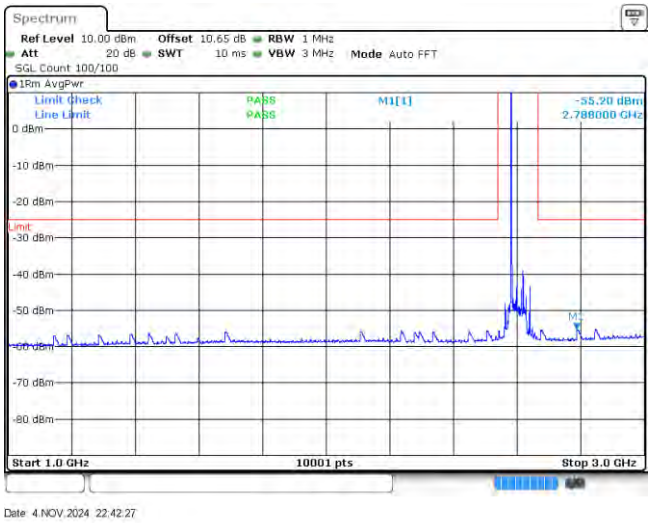
1-N38-PC3-30-40-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant4-0.12--61.38--55-PASS



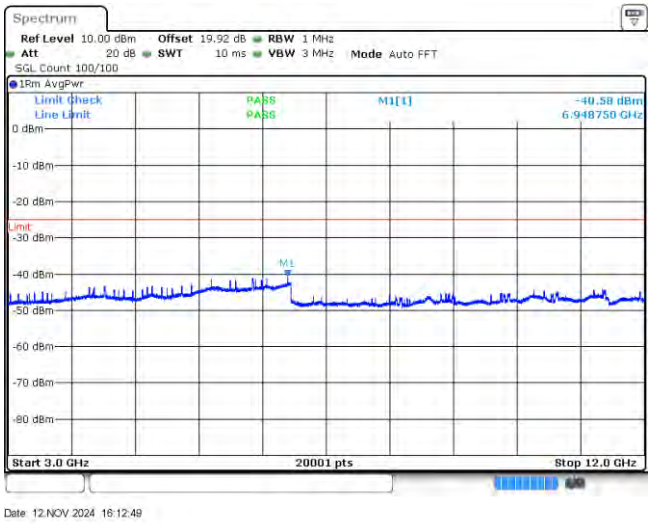
1-N38-PC3-30-40-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant4-0.16--57.59--45-PASS



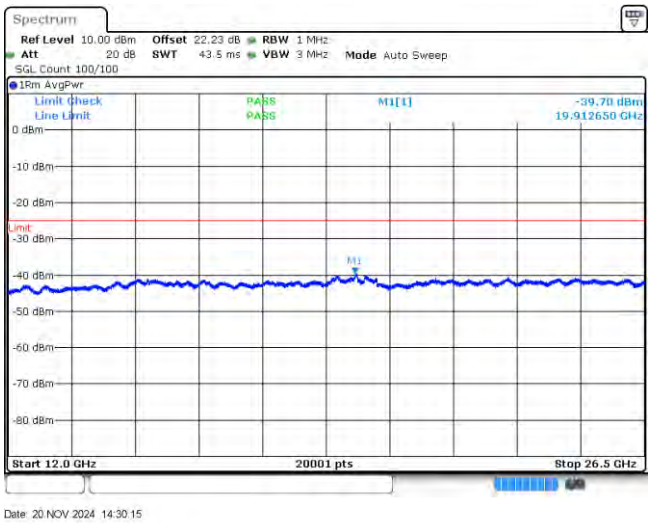
1-N38-PC3-30-40-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant4-810.17--50.62--35-PASS



1-N38-PC3-30-40-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant4-2788.00--55.20--25-PASS



1-N38-PC3-30-40-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant4-6948.75--40.58--25-PASS



1-N38-PC3-30-40-H-1-NS_01-DFT-QPSK-Edge_1RB_Left-1@0-12000-26500-Ant4-19912.65--39.70--25-PASS

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(℃)	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-QPSK	M	100@0	NV	NT	-8.69	-0.00570	PASS
N38	30	40	DFT-QPSK	M	100@0	LV	NT	-18.43	-0.00980	PASS
N38	30	40	DFT-QPSK	M	100@0	HV	NT	-4.83	-0.00511	PASS
N38	30	40	CP-QPSK	M	106@0	NV	NT	-10.67	-0.00410	PASS
N38	30	40	CP-QPSK	M	106@0	LV	NT	-17.67	-0.00877	PASS
N38	30	40	CP-QPSK	M	106@0	HV	NT	-7.09	-0.00373	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(℃)	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-QPSK	M	100@0	NV	-20	-5.646000	-0.002176	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	50	-0.601000	-0.000232	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	40	0.151000	0.000058	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	10	-4.234000	-0.001632	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	-10	-1.595000	-0.000615	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	-30	-5.682000	-0.002190	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	30	-5.630000	-0.002170	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	0	-0.279000	-0.000108	PASS
N38	30	40	DFT-QPSK	M	100@0	NV	20	-2.406000	-0.000927	PASS
N38	30	40	CP-QPSK	M	106@0	NV	0	-3.376000	-0.001301	PASS
N38	30	40	CP-QPSK	M	106@0	NV	10	-0.412000	-0.000159	PASS
N38	30	40	CP-QPSK	M	106@0	NV	-10	-0.821000	-0.000316	PASS
N38	30	40	CP-QPSK	M	106@0	NV	-20	-2.024000	-0.000780	PASS
N38	30	40	CP-QPSK	M	106@0	NV	50	-2.308000	-0.000889	PASS
N38	30	40	CP-QPSK	M	106@0	NV	30	-4.468000	-0.001722	PASS
N38	30	40	CP-QPSK	M	106@0	NV	-30	-6.991000	-0.002694	PASS
N38	30	40	CP-QPSK	M	106@0	NV	40	-2.406000	-0.000927	PASS
N38	30	40	CP-QPSK	M	106@0	NV	20	-1.483000	-0.000571	PASS

Field Strength of Spurious Radiation

NR N38 ANT1-Low channel, Modulation: QPSK, Bandwidth:40MHz, 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
5144.0	-63.1	-25	-38.1	-68.71	4.62	10.23	Horizontal	Pass
7716.0	-59.98	-25	-34.98	-67.01	4.96	11.99	Horizontal	Pass
10288.0	-54.71	-25	-29.71	-62.28	5.51	13.08	Horizontal	Pass
5144.0	-62.96	-25	-37.96	-68.57	4.62	10.23	Vertical	Pass
7716.0	-53.83	-25	-28.83	-60.86	4.96	11.99	Vertical	Pass
10288.0	-49.98	-25	-24.98	-57.55	5.51	13.08	Vertical	Pass

NR N38 ANT1-Middle channel, Modulation: QPSK, Bandwidth:40MHz, 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
5154.0	-62.99	-25	-37.99	-68.61	4.62	10.24	Horizontal	Pass
7731.0	-59.36	-25	-34.36	-66.41	4.96	12.01	Horizontal	Pass
10344.0	-55.97	-25	-30.97	-63.54	5.52	13.09	Horizontal	Pass
5154.0	-63.02	-25	-38.02	-68.64	4.62	10.24	Vertical	Pass
7731.0	-59.24	-25	-34.24	-66.29	4.96	12.01	Vertical	Pass
10344.0	-56.19	-25	-31.19	-63.76	5.52	13.09	Vertical	Pass

NR N38 ANT1-High channel, Modulation: QPSK, Bandwidth:40MHz, 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
5164.0	-63.52	-25	-38.52	-69.14	4.62	10.24	Horizontal	Pass
7746.0	-59.89	-25	-34.89	-66.96	4.96	12.03	Horizontal	Pass
10328.0	-56.51	-25	-31.51	-64.09	5.51	13.09	Horizontal	Pass
5164.0	-63.72	-25	-38.72	-69.34	4.62	10.24	Vertical	Pass
7746.0	-59.75	-25	-34.75	-66.82	4.96	12.03	Vertical	Pass
10328.0	-56.81	-25	-31.81	-64.39	5.51	13.09	Vertical	Pass

NSA_2A_n38A-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
5144.0	-62.99	-25	-37.99	-68.6	4.62	10.23	Horizontal	Pass
7716.0	-59.2	-25	-34.2	-66.23	4.96	11.99	Horizontal	Pass
10288.0	-56.33	-25	-31.33	-63.9	5.51	13.08	Horizontal	Pass
5144.0	-62.81	-25	-37.81	-68.42	4.62	10.23	Vertical	Pass
7716.0	-58.02	-25	-33.02	-65.05	4.96	11.99	Vertical	Pass
10288.0	-52.82	-25	-27.82	-60.39	5.51	13.08	Vertical	Pass

NSA_2A_n38A-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
5154.0	-63.38	-25	-38.38	-69.0	4.62	10.24	Horizontal	Pass
7731.0	-60.18	-25	-35.18	-67.23	4.96	12.01	Horizontal	Pass
10344.0	-56.8	-25	-31.8	-64.37	5.52	13.09	Horizontal	Pass
5154.0	-63.46	-25	-38.46	-69.08	4.62	10.24	Vertical	Pass
7731.0	-59.84	-25	-34.84	-66.89	4.96	12.01	Vertical	Pass
10344.0	-56.82	-25	-31.82	-64.39	5.52	13.09	Vertical	Pass

NSA_2A_n38A-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
5164.0	-63.27	-25	-38.27	-68.89	4.62	10.24	Horizontal	Pass
7746.0	-58.81	-25	-33.81	-65.88	4.96	12.03	Horizontal	Pass
10328.0	-57.08	-25	-32.08	-64.66	5.51	13.09	Horizontal	Pass
5164.0	-63.52	-25	-38.52	-69.14	4.62	10.24	Vertical	Pass
7746.0	-59.3	-25	-34.3	-66.37	4.96	12.03	Vertical	Pass
10328.0	-56.87	-25	-31.87	-64.45	5.51	13.09	Vertical	Pass