

Appendix A Conduction Data for LTE

1.Transmitter Conducted Output Power And ERP/EIRP

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(Limit) (dBm)	Verdict
40	5.0	39175	2352.5	QPSK	1@0	16.86	16.23	0.042	24.00	PASS
40	5.0	39175	2352.5	QPSK	1@12	17.01	16.38	0.0435	24.00	PASS
40	5.0	39175	2352.5	QPSK	1@24	16.77	16.14	0.0412	24.00	PASS
40	5.0	39175	2352.5	QPSK	12@0	15.88	15.25	0.0335	24.00	PASS
40	5.0	39175	2352.5	QPSK	12@6	15.8	15.17	0.0329	24.00	PASS
40	5.0	39175	2352.5	QPSK	12@11	15.8	15.17	0.0329	24.00	PASS
40	5.0	39175	2352.5	QPSK	25@0	15.86	15.23	0.0334	24.00	PASS
40	5.0	39175	2352.5	16QAM	1@0	15.81	15.18	0.0329	24.00	PASS
40	5.0	39175	2352.5	16QAM	1@12	15.84	15.21	0.0332	24.00	PASS
40	5.0	39175	2352.5	16QAM	1@24	15.7	15.07	0.0321	24.00	PASS
40	5.0	39175	2352.5	16QAM	12@0	14.84	14.21	0.0264	24.00	PASS
40	5.0	39175	2352.5	16QAM	12@6	14.88	14.25	0.0266	24.00	PASS
40	5.0	39175	2352.5	16QAM	12@11	14.92	14.29	0.0268	24.00	PASS
40	5.0	39175	2352.5	16QAM	25@0	14.89	14.26	0.0267	24.00	PASS
40	5.0	39200	2355.0	QPSK	1@0	16.75	16.12	0.0409	24.00	PASS
40	5.0	39200	2355.0	QPSK	1@12	16.88	16.25	0.0421	24.00	PASS
40	5.0	39200	2355.0	QPSK	1@24	16.66	16.03	0.0401	24.00	PASS
40	5.0	39200	2355.0	QPSK	12@0	15.74	15.11	0.0325	24.00	PASS
40	5.0	39200	2355.0	QPSK	12@6	15.82	15.19	0.0331	24.00	PASS
40	5.0	39200	2355.0	QPSK	12@11	15.74	15.11	0.0325	24.00	PASS
40	5.0	39200	2355.0	QPSK	25@0	15.72	15.09	0.0323	24.00	PASS
40	5.0	39200	2355.0	16QAM	1@0	16.07	15.44	0.035	24.00	PASS
40	5.0	39200	2355.0	16QAM	1@12	16.02	15.39	0.0346	24.00	PASS
40	5.0	39200	2355.0	16QAM	1@24	15.92	15.29	0.0338	24.00	PASS
40	5.0	39200	2355.0	16QAM	12@0	14.79	14.16	0.0261	24.00	PASS
40	5.0	39200	2355.0	16QAM	12@6	14.82	14.19	0.0262	24.00	PASS
40	5.0	39200	2355.0	16QAM	12@11	14.8	14.17	0.0261	24.00	PASS
40	5.0	39200	2355.0	16QAM	25@0	14.74	14.11	0.0258	24.00	PASS
40	5.0	39225	2357.5	QPSK	1@0	16.75	16.12	0.041	24.00	PASS
40	5.0	39225	2357.5	QPSK	1@12	16.97	16.34	0.0431	24.00	PASS
40	5.0	39225	2357.5	QPSK	1@24	16.73	16.1	0.0408	24.00	PASS
40	5.0	39225	2357.5	QPSK	12@0	15.76	15.13	0.0326	24.00	PASS
40	5.0	39225	2357.5	QPSK	12@6	15.72	15.09	0.0323	24.00	PASS
40	5.0	39225	2357.5	QPSK	12@11	15.7	15.07	0.0321	24.00	PASS
40	5.0	39225	2357.5	QPSK	25@0	15.64	15.01	0.0317	24.00	PASS
40	5.0	39225	2357.5	16QAM	1@0	15.7	15.07	0.0321	24.00	PASS
40	5.0	39225	2357.5	16QAM	1@12	15.74	15.11	0.0324	24.00	PASS
40	5.0	39225	2357.5	16QAM	1@24	15.55	14.92	0.031	24.00	PASS
40	5.0	39225	2357.5	16QAM	12@0	14.66	14.03	0.0253	24.00	PASS
40	5.0	39225	2357.5	16QAM	12@6	14.65	14.02	0.0252	24.00	PASS
40	5.0	39225	2357.5	16QAM	12@11	14.62	13.99	0.025	24.00	PASS
40	5.0	39225	2357.5	16QAM	25@0	14.61	13.98	0.025	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@0	16.9	16.27	0.0423	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@24	16.94	16.31	0.0427	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@49	16.61	15.98	0.0396	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@0	15.79	15.16	0.0328	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@12	15.75	15.12	0.0325	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@24	15.75	15.12	0.0325	24.00	PASS
40	10.0	39200	2355.0	QPSK	50@0	15.74	15.11	0.0325	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@0	16.16	15.53	0.0357	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@24	16.37	15.74	0.0375	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@49	15.97	15.34	0.0342	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@0	14.7	14.07	0.0255	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@12	14.67	14.04	0.0253	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@24	14.73	14.1	0.0257	24.00	PASS
40	10.0	39200	2355.0	16QAM	50@0	14.66	14.03	0.0253	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@0	16.82	16.19	0.0416	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@24	17.04	16.41	0.0437	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@49	16.57	15.94	0.0393	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@0	15.83	15.2	0.0331	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@12	15.7	15.07	0.0322	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@24	15.7	15.07	0.0322	24.00	PASS
40	10.0	39200	2355.0	QPSK	50@0	15.75	15.12	0.0325	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@0	16.18	15.55	0.0359	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@24	16.31	15.68	0.037	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@49	15.98	15.35	0.0343	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@0	14.75	14.12	0.0258	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@12	14.67	14.04	0.0254	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@24	14.69	14.06	0.0255	24.00	PASS
40	10.0	39200	2355.0	16QAM	50@0	14.73	14.1	0.0257	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@0	16.9	16.27	0.0423	24.00	PASS
40	10.0	39200	2355.0	QPSK	1@24	17.03	16.4	0.0437	24.00	PASS

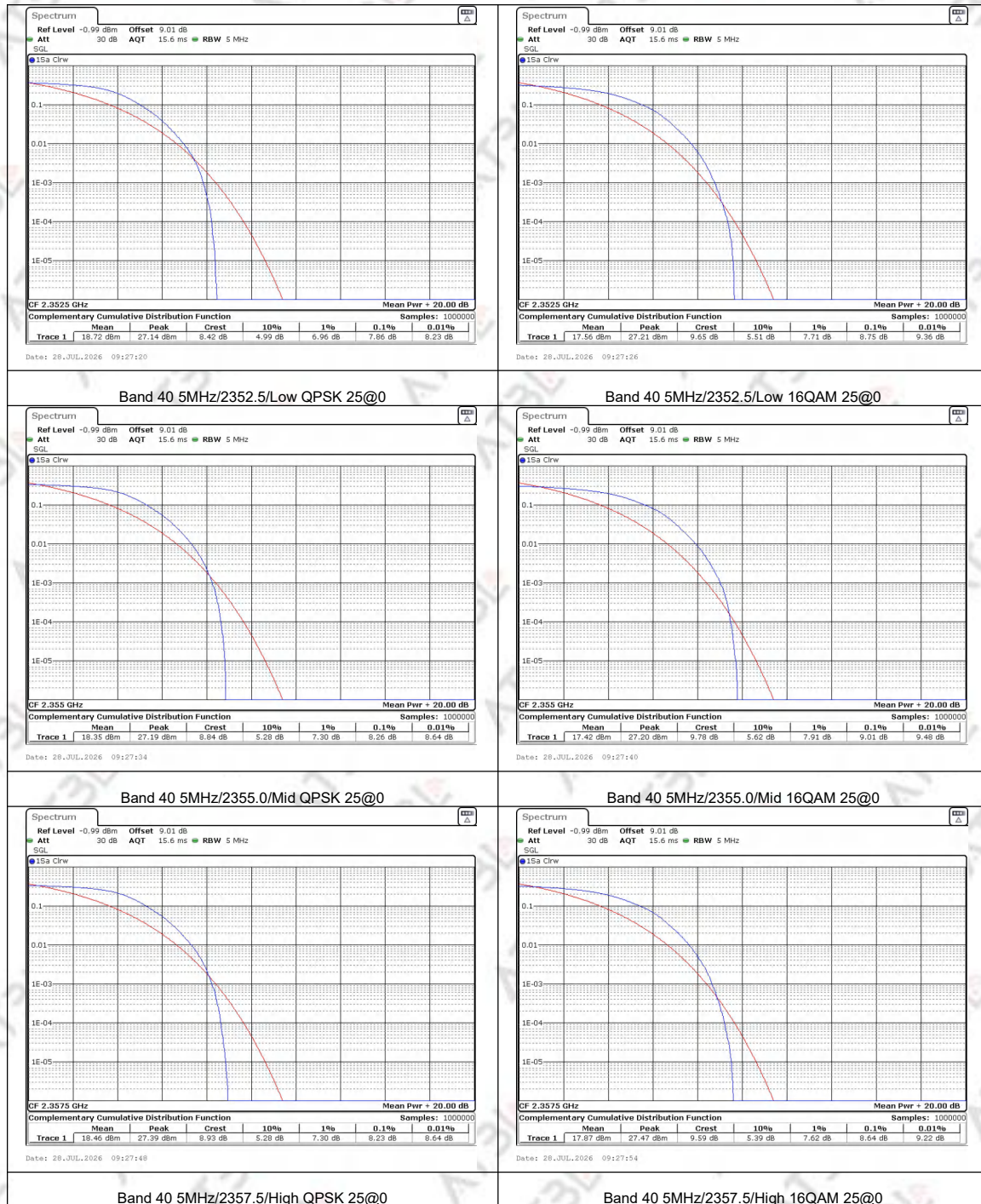
40	10.0	39200	2355.0	QPSK	1@49	16.58	15.95	0.0394	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@0	15.81	15.18	0.033	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@12	15.79	15.16	0.0328	24.00	PASS
40	10.0	39200	2355.0	QPSK	25@24	15.75	15.12	0.0325	24.00	PASS
40	10.0	39200	2355.0	QPSK	50@0	15.71	15.08	0.0322	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@0	16.2	15.57	0.0361	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@24	16.31	15.68	0.037	24.00	PASS
40	10.0	39200	2355.0	16QAM	1@49	15.95	15.32	0.0341	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@0	14.69	14.06	0.0254	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@12	14.69	14.05	0.0254	24.00	PASS
40	10.0	39200	2355.0	16QAM	25@24	14.71	14.08	0.0256	24.00	PASS
40	10.0	39200	2355.0	16QAM	50@0	14.7	14.07	0.0255	24.00	PASS

2. Peak to Average Ratio

Test Result

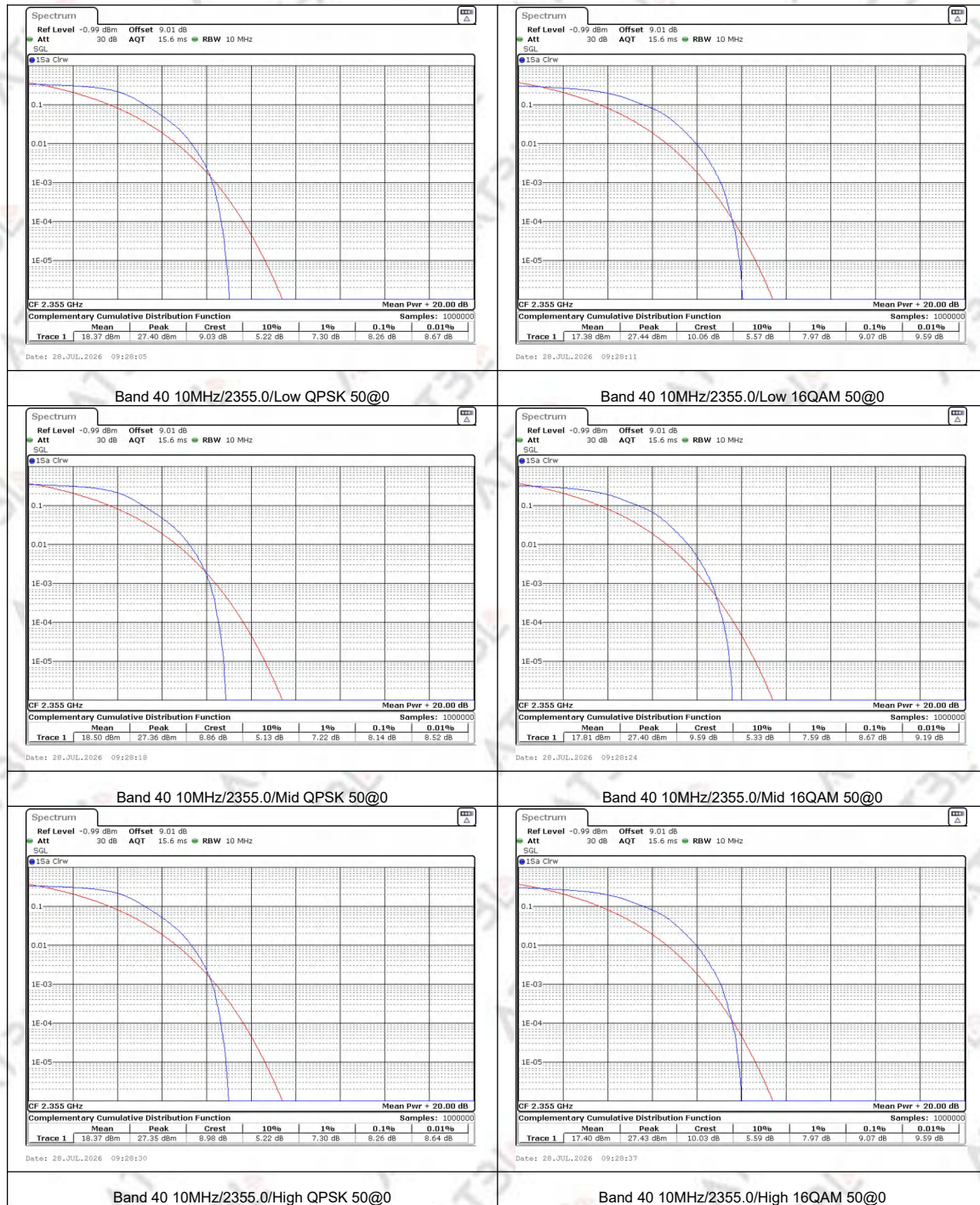
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
40	5.0	39175	2352.5	QPSK	25@0	7.86	13	PASS
40	5.0	39175	2352.5	16QAM	25@0	8.75	13	PASS
40	5.0	39200	2355.0	QPSK	25@0	8.26	13	PASS
40	5.0	39200	2355.0	16QAM	25@0	9.01	13	PASS
40	5.0	39225	2357.5	QPSK	25@0	8.23	13	PASS
40	5.0	39225	2357.5	16QAM	25@0	8.64	13	PASS
40	10.0	39200	2355.0	QPSK	50@0	8.26	13	PASS
40	10.0	39200	2355.0	16QAM	50@0	9.07	13	PASS
40	10.0	39200	2355.0	QPSK	50@0	8.14	13	PASS
40	10.0	39200	2355.0	16QAM	50@0	8.67	13	PASS
40	10.0	39200	2355.0	QPSK	50@0	8.26	13	PASS
40	10.0	39200	2355.0	16QAM	50@0	9.07	13	PASS

Test Graphs



Band 40 5MHz/2357.5/High QPSK 25@0

Band 40 5MHz/2357.5/High 16QAM 25@0

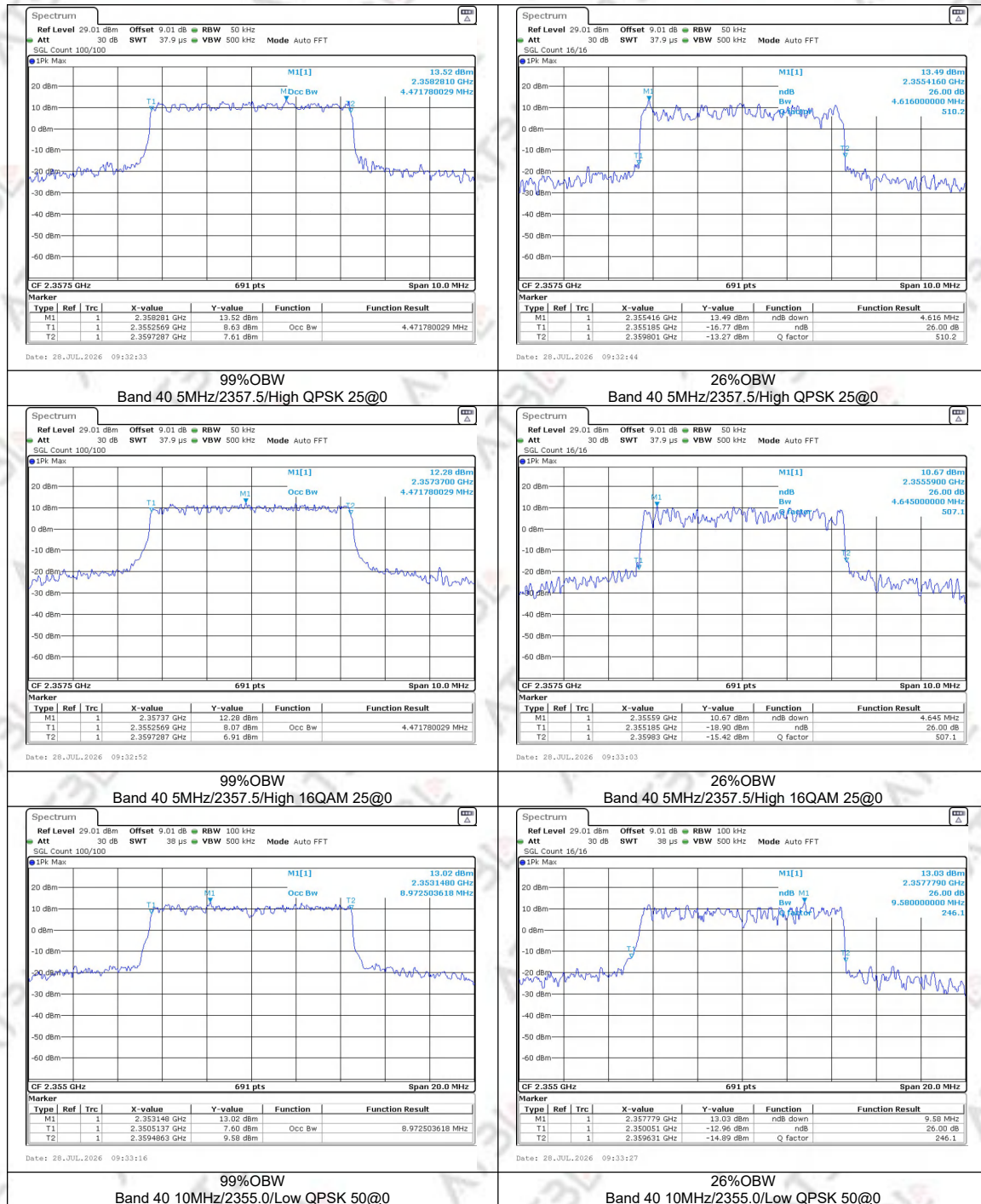


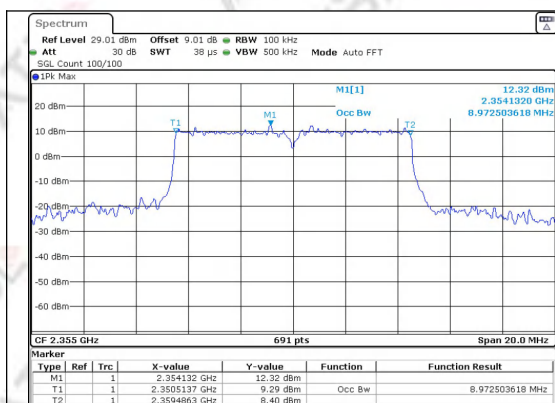
3.Occupied Bandwidth

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
40	5.0	39225	2357.5	QPSK	25@0	4.4718	4.616	PASS
40	5.0	39225	2357.5	16QAM	25@0	4.4718	4.645	PASS
40	10.0	39200	2355.0	QPSK	50@0	8.9725	9.580	PASS
40	10.0	39200	2355.0	16QAM	50@0	8.9725	9.291	PASS

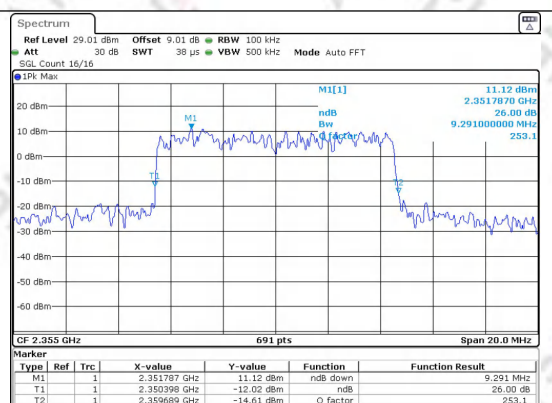
Test Graphs





Date: 28_JUL_2026 09:33:35

99%OBW
Band 40 10MHz/2355.0/Low 16QAM 50@0



Date: 28_JUL_2026 09:33:46

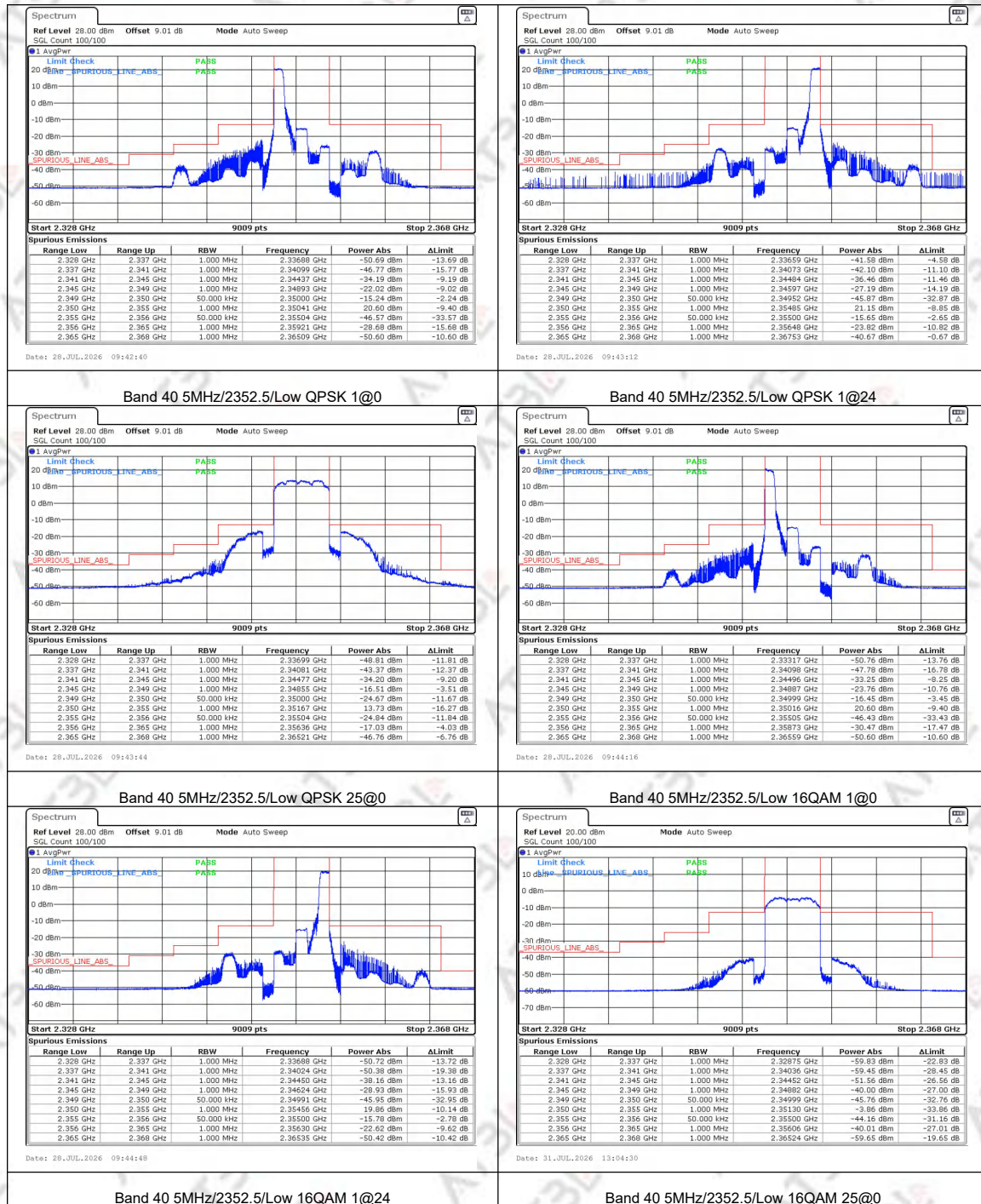
26%OBW
Band 40 10MHz/2355.0/Low 16QAM 50@0

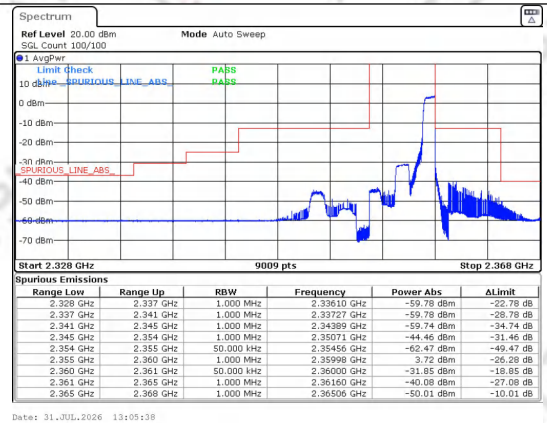
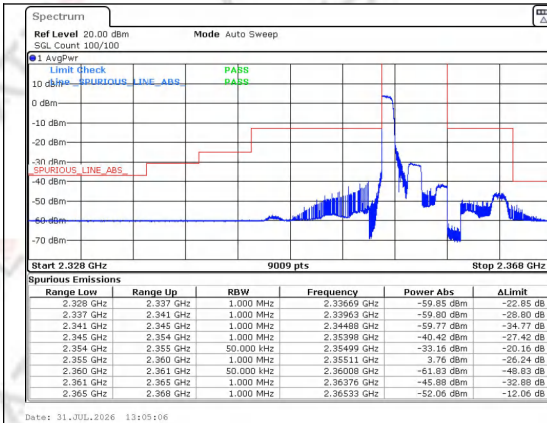
4. Conducted Band Edge

Test Result

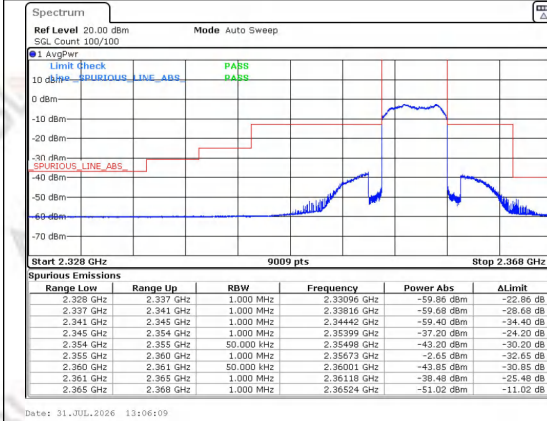
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
40	5.0	39175	2352.5	QPSK	1@0	see graph	PASS
40	5.0	39175	2352.5	QPSK	1@24	see graph	PASS
40	5.0	39175	2352.5	QPSK	25@0	see graph	PASS
40	5.0	39175	2352.5	16QAM	1@0	see graph	PASS
40	5.0	39175	2352.5	16QAM	1@24	see graph	PASS
40	5.0	39175	2352.5	16QAM	25@0	see graph	PASS
40	5.0	39225	2357.5	QPSK	1@0	see graph	PASS
40	5.0	39225	2357.5	QPSK	1@24	see graph	PASS
40	5.0	39225	2357.5	QPSK	25@0	see graph	PASS
40	5.0	39225	2357.5	16QAM	1@0	see graph	PASS
40	5.0	39225	2357.5	16QAM	1@24	see graph	PASS
40	5.0	39225	2357.5	16QAM	25@0	see graph	PASS
40	10.0	39200	2355.0	QPSK	1@0	see graph	PASS
40	10.0	39200	2355.0	QPSK	1@49	see graph	PASS
40	10.0	39200	2355.0	QPSK	50@0	see graph	PASS
40	10.0	39200	2355.0	16QAM	1@0	see graph	PASS
40	10.0	39200	2355.0	16QAM	1@49	see graph	PASS
40	10.0	39200	2355.0	16QAM	50@0	see graph	PASS
40	10.0	39200	2355.0	QPSK	1@0	see graph	PASS
40	10.0	39200	2355.0	QPSK	1@49	see graph	PASS
40	10.0	39200	2355.0	QPSK	50@0	see graph	PASS
40	10.0	39200	2355.0	16QAM	1@0	see graph	PASS
40	10.0	39200	2355.0	16QAM	1@49	see graph	PASS
40	10.0	39200	2355.0	16QAM	50@0	see graph	PASS

Test Graphs

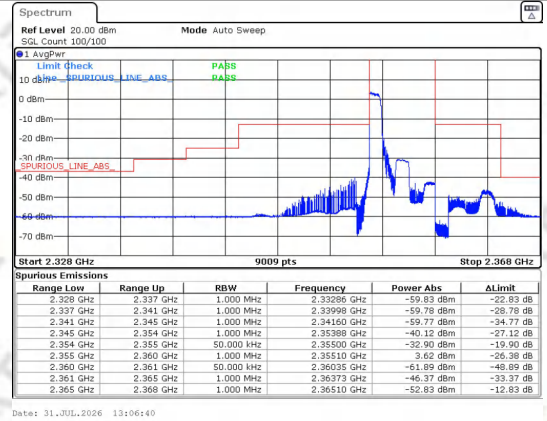




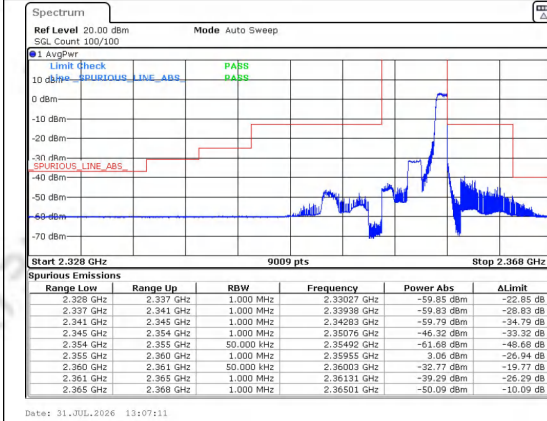
Band 40 5MHz/2357.5/High QPSK 1@0



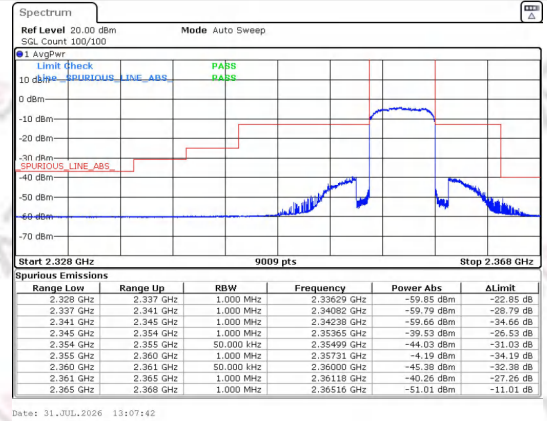
Band 40 5MHz/2357.5/High QPSK 1@24



Band 40 5MHz/2357.5/High QPSK 25@0

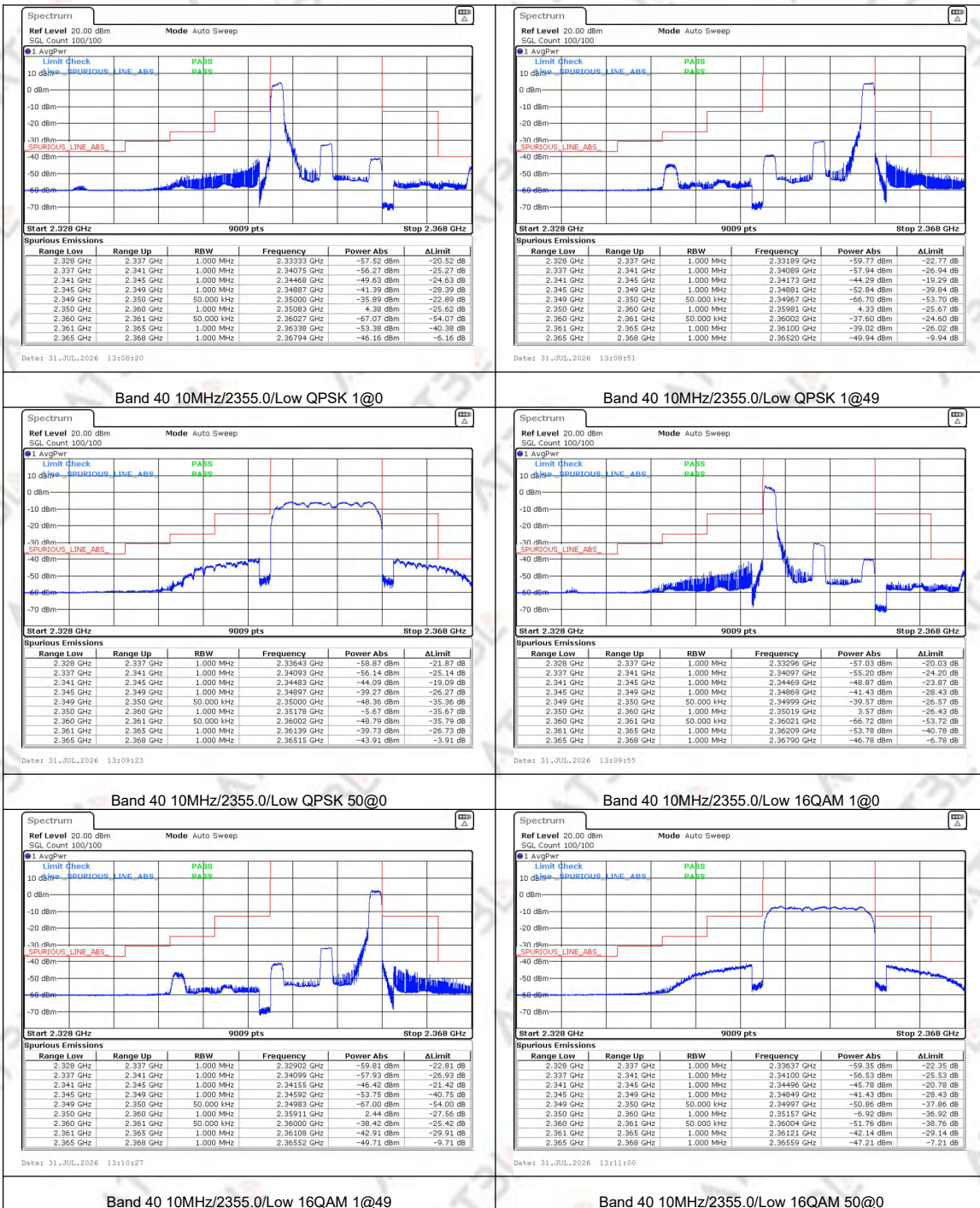


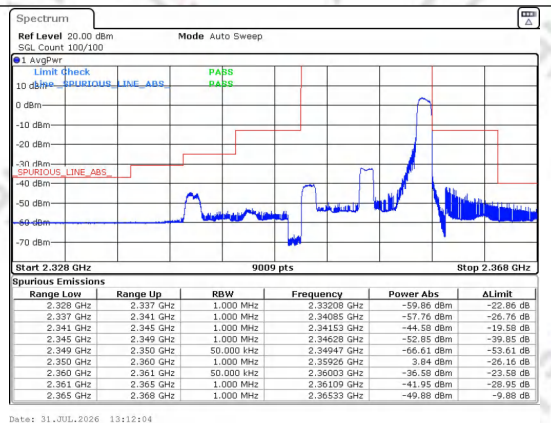
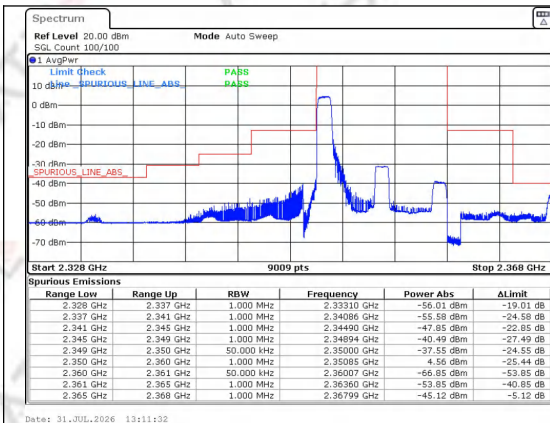
Band 40 5MHz/2357.5/High 16QAM 1@0



Band 40 5MHz/2357.5/High 16QAM 1@24

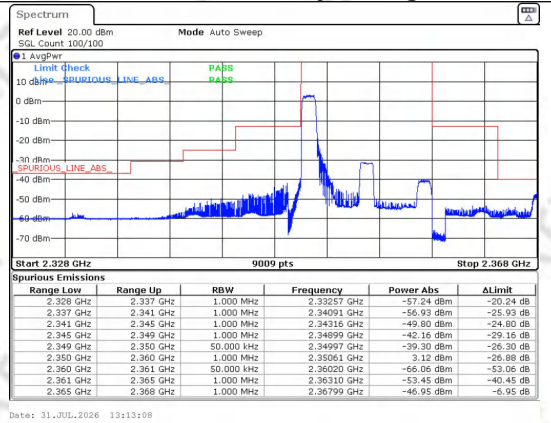
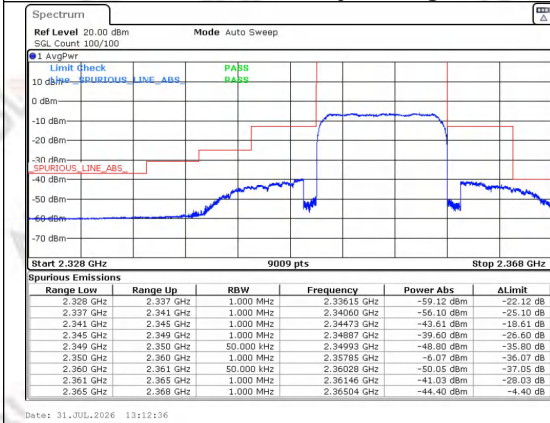
Band 40 5MHz/2357.5/High 16QAM 25@0





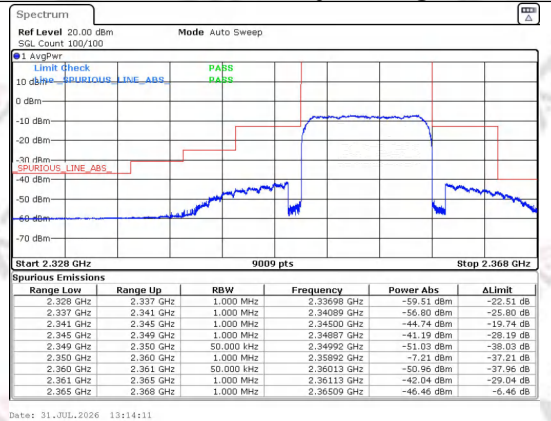
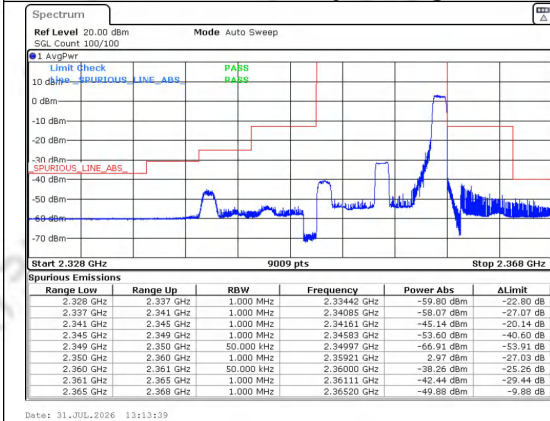
Band 40 10MHz/2355.0/High QPSK 1@0

Band 40 10MHz/2355.0/High QPSK 1@49



Band 40 10MHz/2355.0/High QPSK 50@0

Band 40 10MHz/2355.0/High 16QAM 1@0



Band 40 10MHz/2355.0/High 16QAM 1@49

Band 40 10MHz/2355.0/High 16QAM 50@0

5.Conducted Spurious Emissions

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
40	5.0	39175	2352.5	QPSK	1@0	30	1000	-41.67	-13	PASS
40	5.0	39175	2352.5	QPSK	1@0	1000	10000	-35.59	-13	PASS
40	5.0	39175	2352.5	QPSK	1@0	10000	20000	-37.93	-13	PASS
40	5.0	39175	2352.5	QPSK	1@0	20000	26500	-35.34	-13	PASS
40	5.0	39175	2352.5	16QAM	1@0	30	1000	-40.74	-13	PASS
40	5.0	39175	2352.5	16QAM	1@0	1000	10000	-33.29	-13	PASS
40	5.0	39175	2352.5	16QAM	1@0	10000	20000	-37.57	-13	PASS
40	5.0	39175	2352.5	16QAM	1@0	20000	26500	-35.44	-13	PASS
40	5.0	39200	2355.0	QPSK	1@0	30	1000	-40.12	-13	PASS
40	5.0	39200	2355.0	QPSK	1@0	1000	10000	-40.2	-13	PASS
40	5.0	39200	2355.0	QPSK	1@0	10000	20000	-37.82	-13	PASS
40	5.0	39200	2355.0	QPSK	1@0	20000	26500	-35.42	-13	PASS
40	5.0	39200	2355.0	16QAM	1@0	30	1000	-41.78	-13	PASS
40	5.0	39200	2355.0	16QAM	1@0	1000	10000	-34.87	-13	PASS
40	5.0	39200	2355.0	16QAM	1@0	10000	20000	-38.0	-13	PASS
40	5.0	39200	2355.0	16QAM	1@0	20000	26500	-35.15	-13	PASS
40	5.0	39225	2357.5	QPSK	1@0	30	1000	-40.45	-13	PASS
40	5.0	39225	2357.5	QPSK	1@0	1000	10000	-35.1	-13	PASS
40	5.0	39225	2357.5	QPSK	1@0	10000	20000	-37.69	-13	PASS
40	5.0	39225	2357.5	QPSK	1@0	20000	26500	-35.07	-13	PASS
40	5.0	39225	2357.5	16QAM	1@0	30	1000	-41.49	-13	PASS
40	5.0	39225	2357.5	16QAM	1@0	1000	10000	-39.25	-13	PASS
40	5.0	39225	2357.5	16QAM	1@0	10000	20000	-38.08	-13	PASS
40	5.0	39225	2357.5	16QAM	1@0	20000	26500	-35.62	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	30	1000	-39.29	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	1000	10000	-41.36	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	10000	20000	-37.35	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	20000	26500	-35.5	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	30	1000	-41.75	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	1000	10000	-41.24	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	10000	20000	-37.41	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	20000	26500	-35.28	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	30	1000	-42.43	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	1000	10000	-41.51	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	10000	20000	-37.48	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	20000	26500	-35.84	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	30	1000	-41.26	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	1000	10000	-41.61	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	10000	20000	-37.3	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	20000	26500	-35.99	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	30	1000	-38.76	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	1000	10000	-40.98	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	10000	20000	-37.7	-13	PASS
40	10.0	39200	2355.0	QPSK	1@0	20000	26500	-35.85	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	30	1000	-41.46	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	1000	10000	-41.7	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	10000	20000	-37.1	-13	PASS
40	10.0	39200	2355.0	16QAM	1@0	20000	26500	-35.96	-13	PASS

Test Graphs

