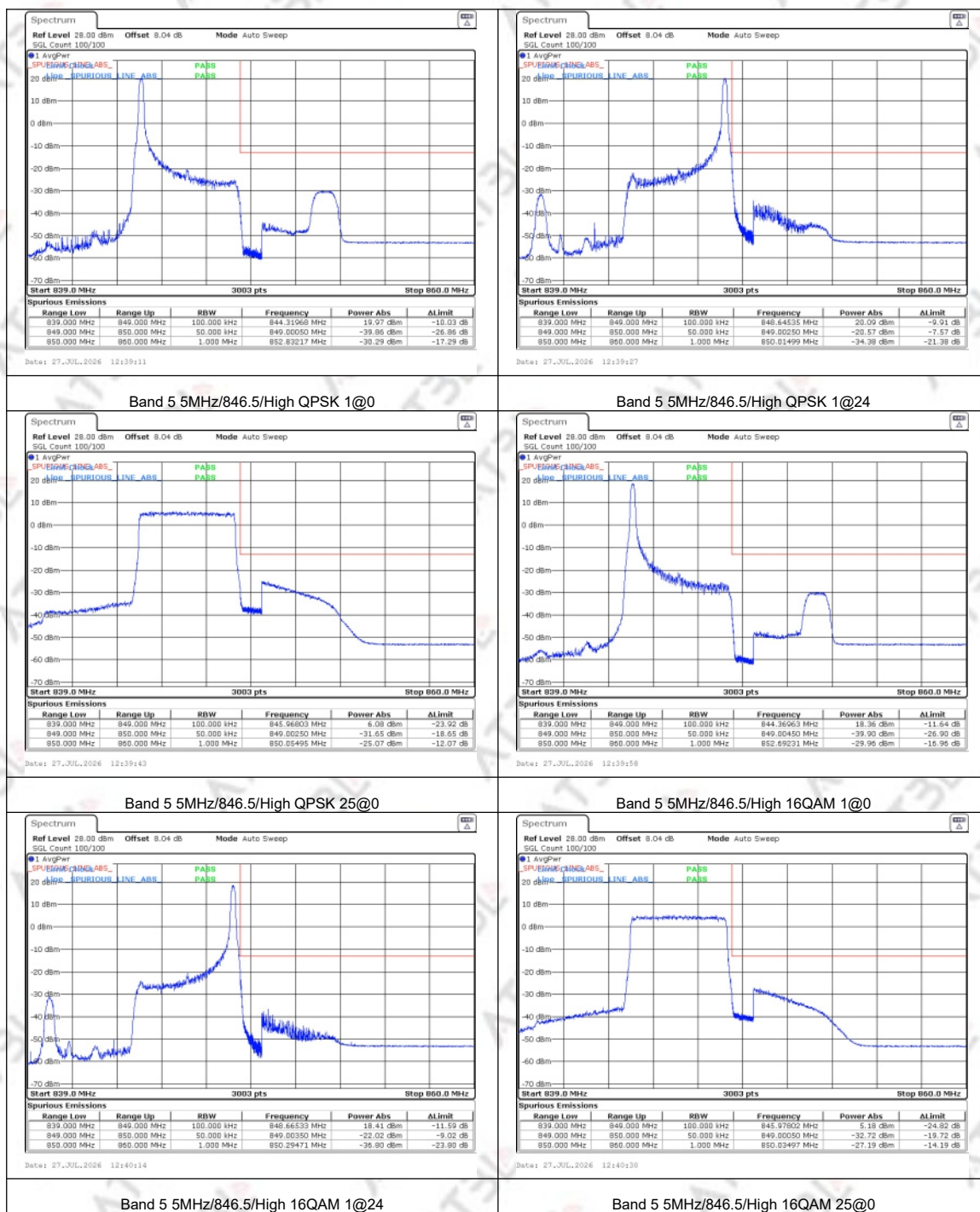
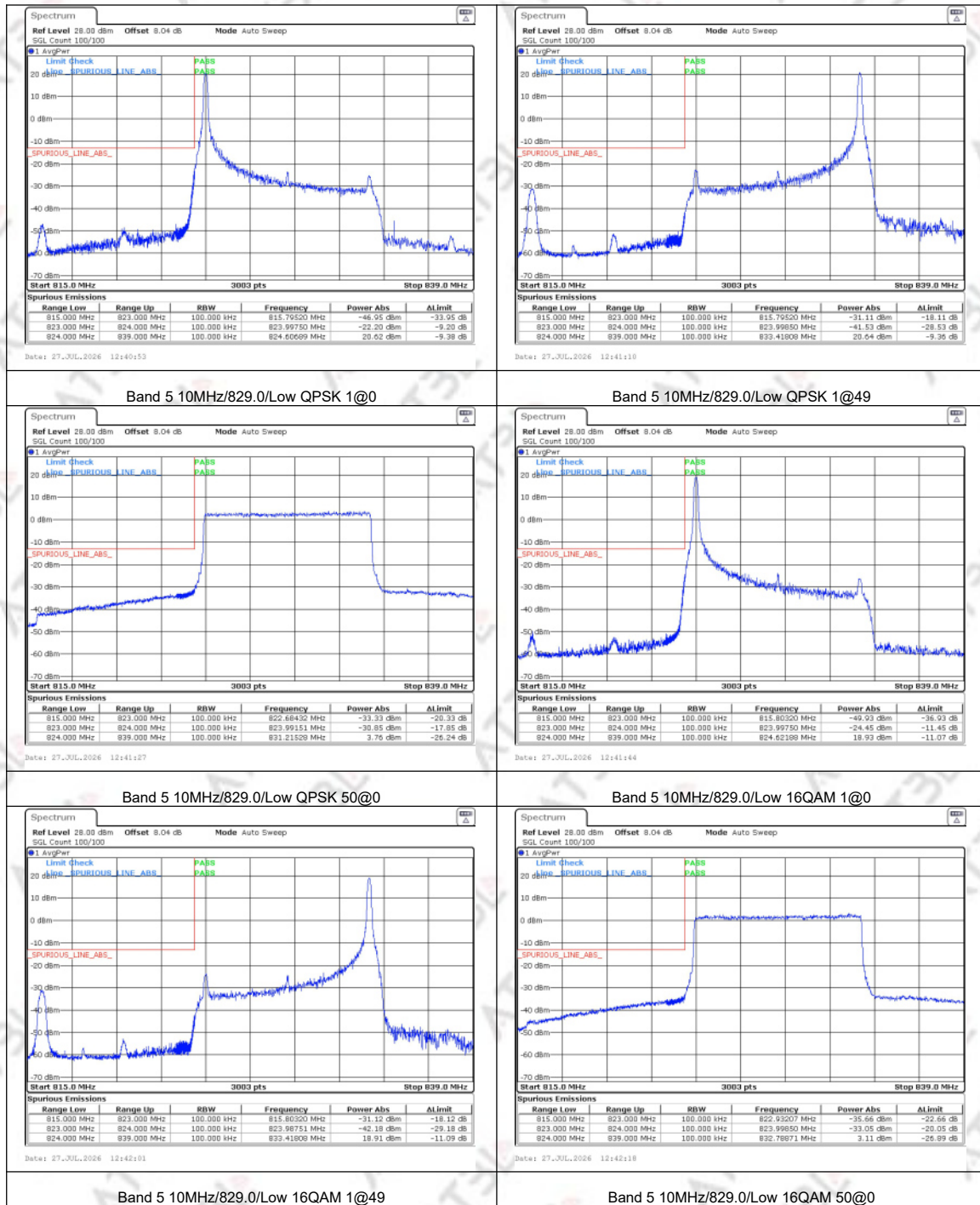
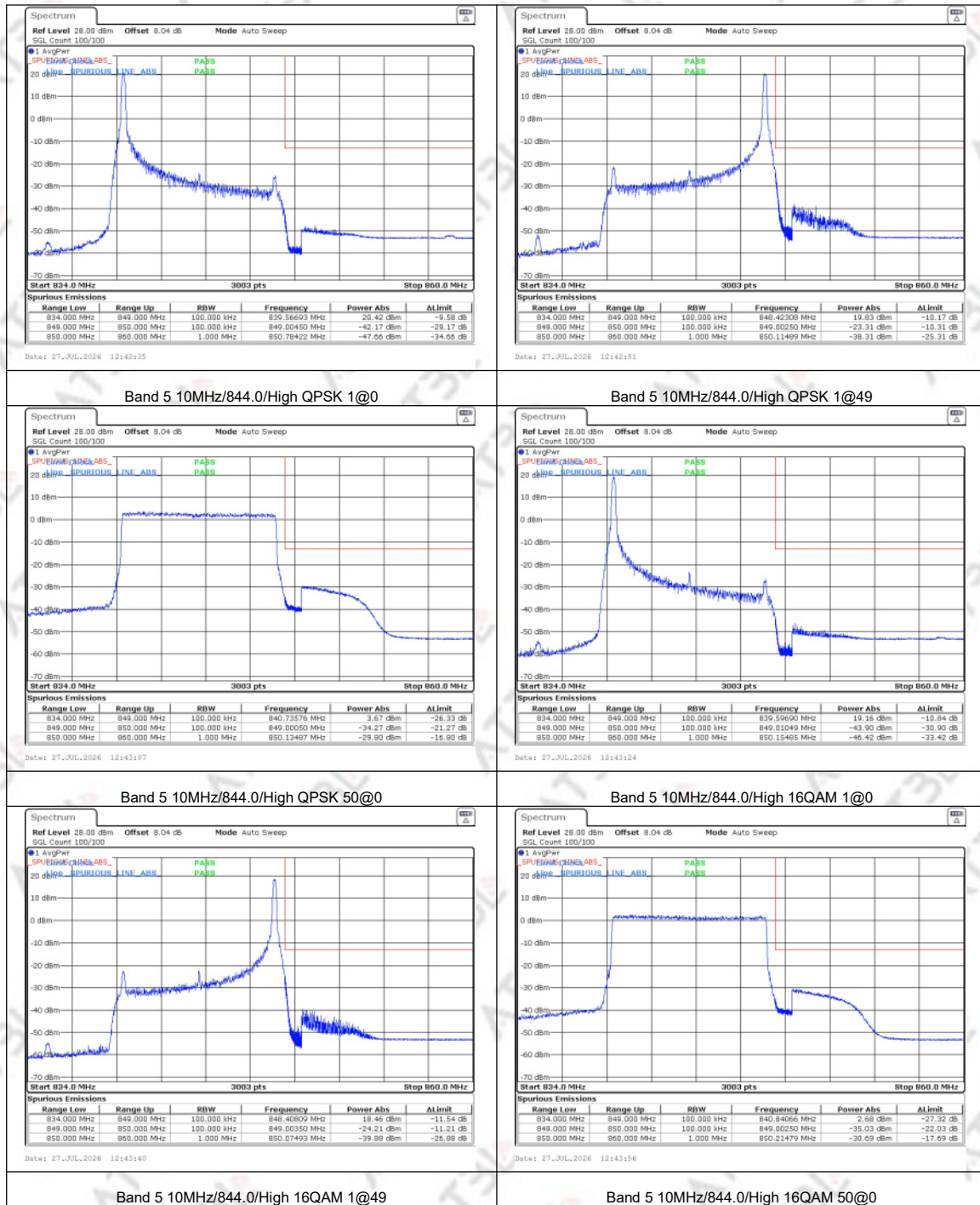






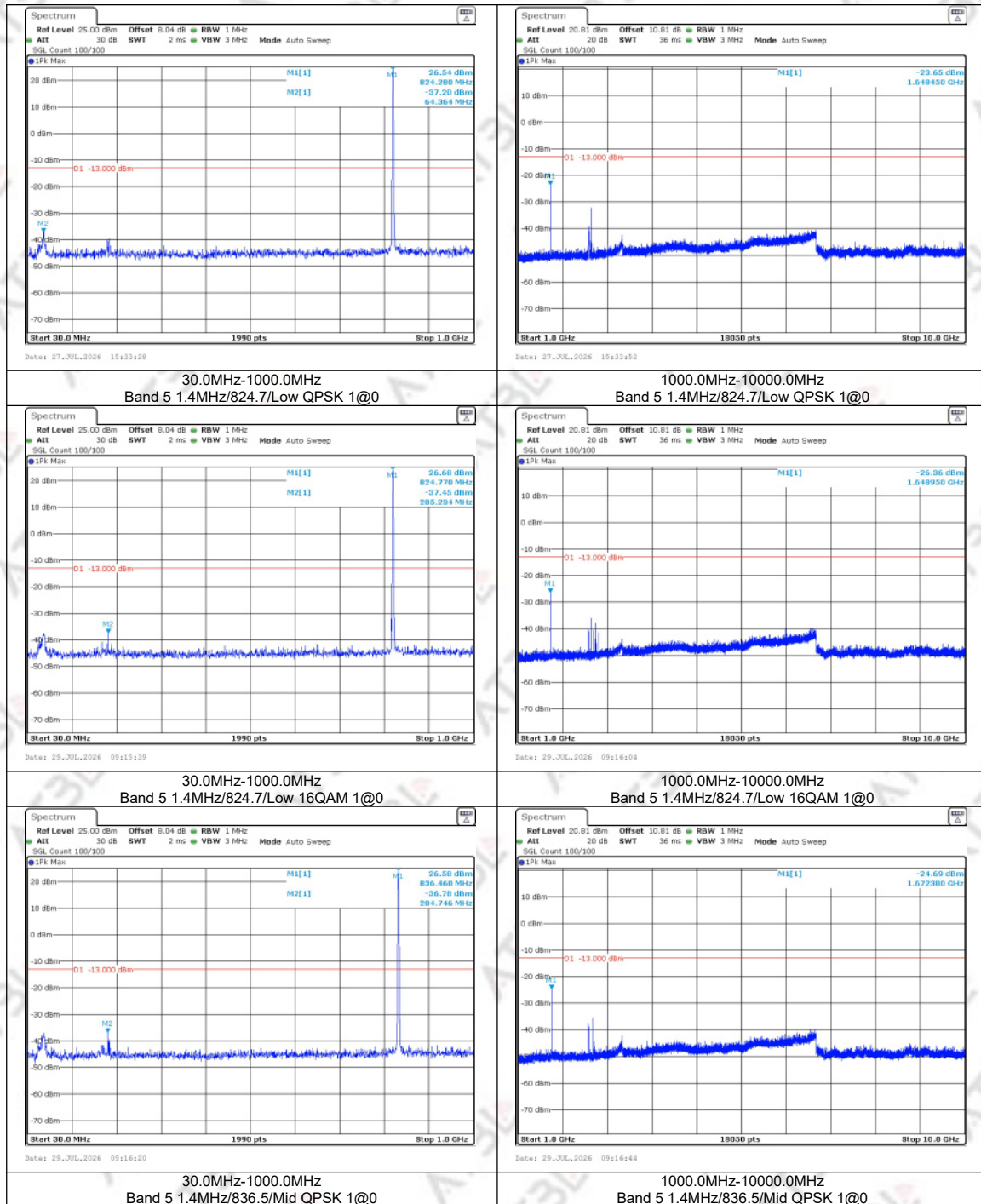


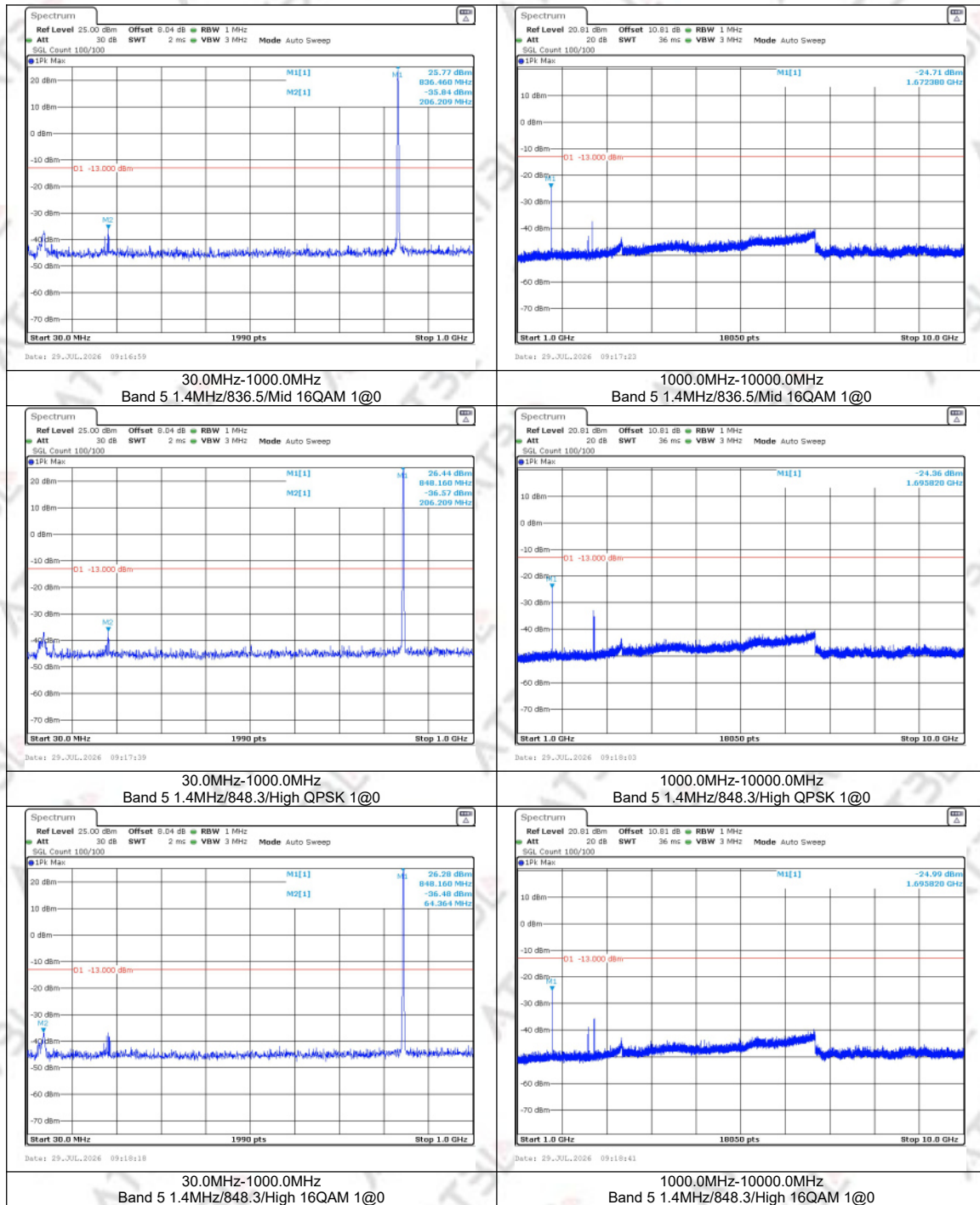
5.Conducted Spurious Emissions

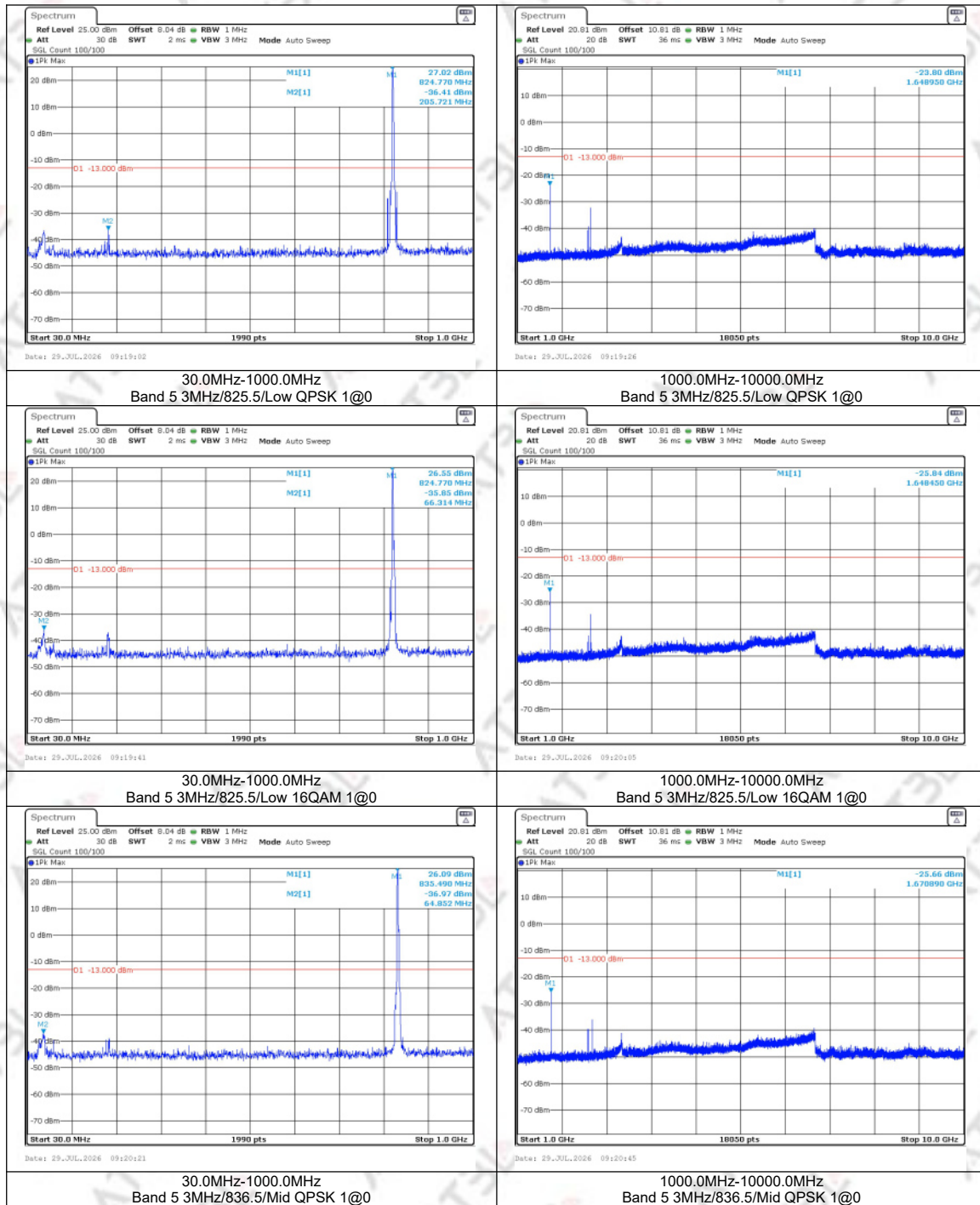
Test Result

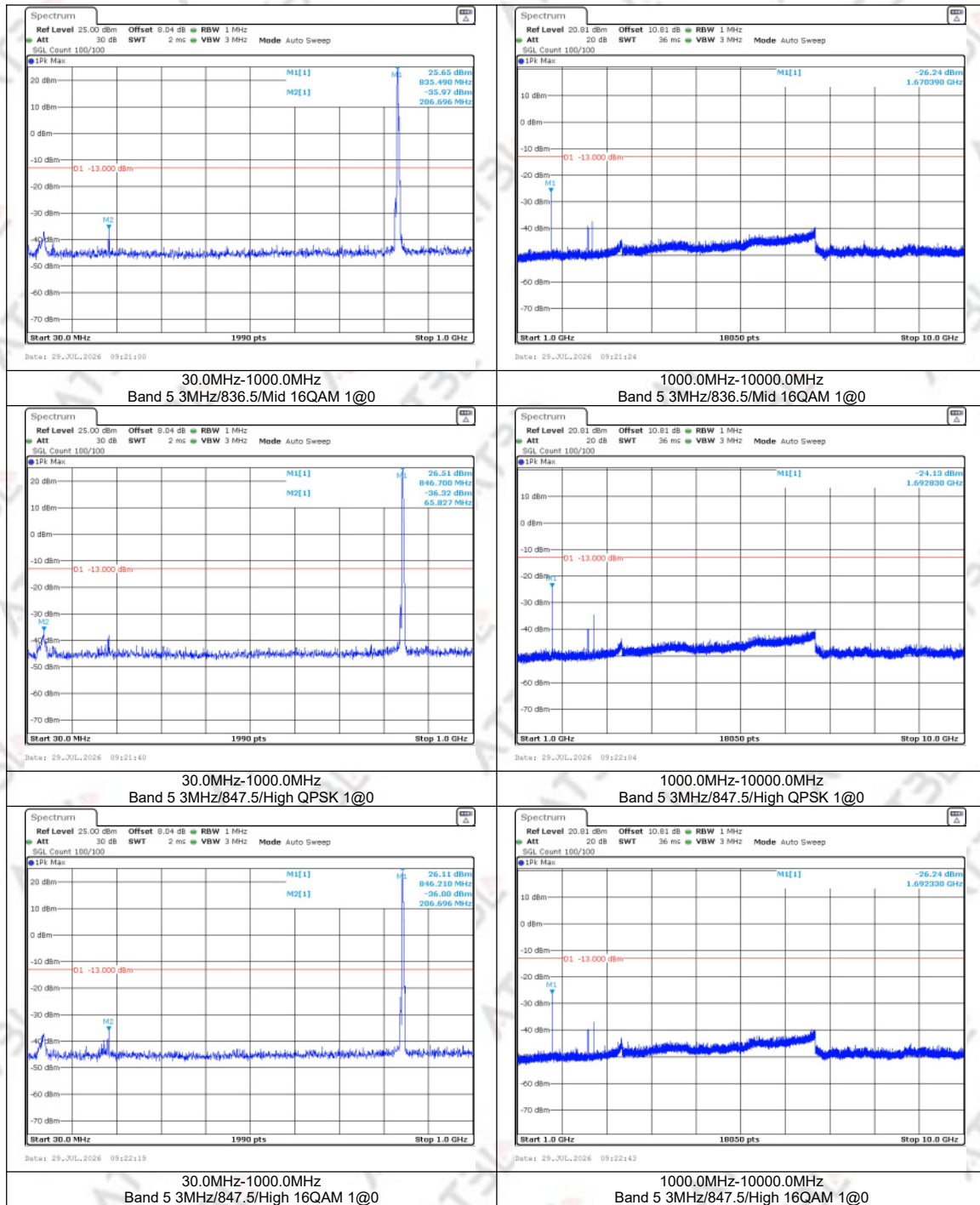
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
5	1.4	20407	824.7	QPSK	1@0	30	1000	-37.2	-13	PASS
5	1.4	20407	824.7	QPSK	1@0	1000	10000	-23.65	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	30	1000	-37.45	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	1000	10000	-26.36	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	30	1000	-36.78	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	1000	10000	-24.69	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	30	1000	-35.84	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	1000	10000	-24.71	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	30	1000	-36.57	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	1000	10000	-24.36	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	30	1000	-36.48	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	1000	10000	-24.99	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	30	1000	-36.41	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	1000	10000	-23.8	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	30	1000	-35.85	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	1000	10000	-25.84	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	30	1000	-36.97	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	1000	10000	-25.66	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	30	1000	-35.97	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	1000	10000	-26.24	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	30	1000	-36.32	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	1000	10000	-24.13	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	30	1000	-36.0	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	1000	10000	-26.24	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	30	1000	-37.4	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	1000	10000	-24.25	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	30	1000	-37.58	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	1000	10000	-25.49	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	30	1000	-36.63	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	1000	10000	-25.27	-13	PASS
5	5.0	20525	836.5	16QAM	1@0	30	1000	-37.25	-13	PASS
5	5.0	20525	836.5	16QAM	1@0	1000	10000	-26.6	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	30	1000	-37.39	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	1000	10000	-23.96	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	30	1000	-37.26	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	1000	10000	-23.48	-13	PASS
5	10.0	20450	829.0	QPSK	1@0	30	1000	-36.26	-13	PASS
5	10.0	20450	829.0	QPSK	1@0	1000	10000	-24.36	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	30	1000	-37.18	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	1000	10000	-26.16	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	30	1000	-36.99	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	1000	10000	-25.66	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	30	1000	-37.63	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	1000	10000	-25.47	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	30	1000	-36.59	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	1000	10000	-22.33	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	30	1000	-36.6	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	1000	10000	-23.25	-13	PASS

Test Graphs

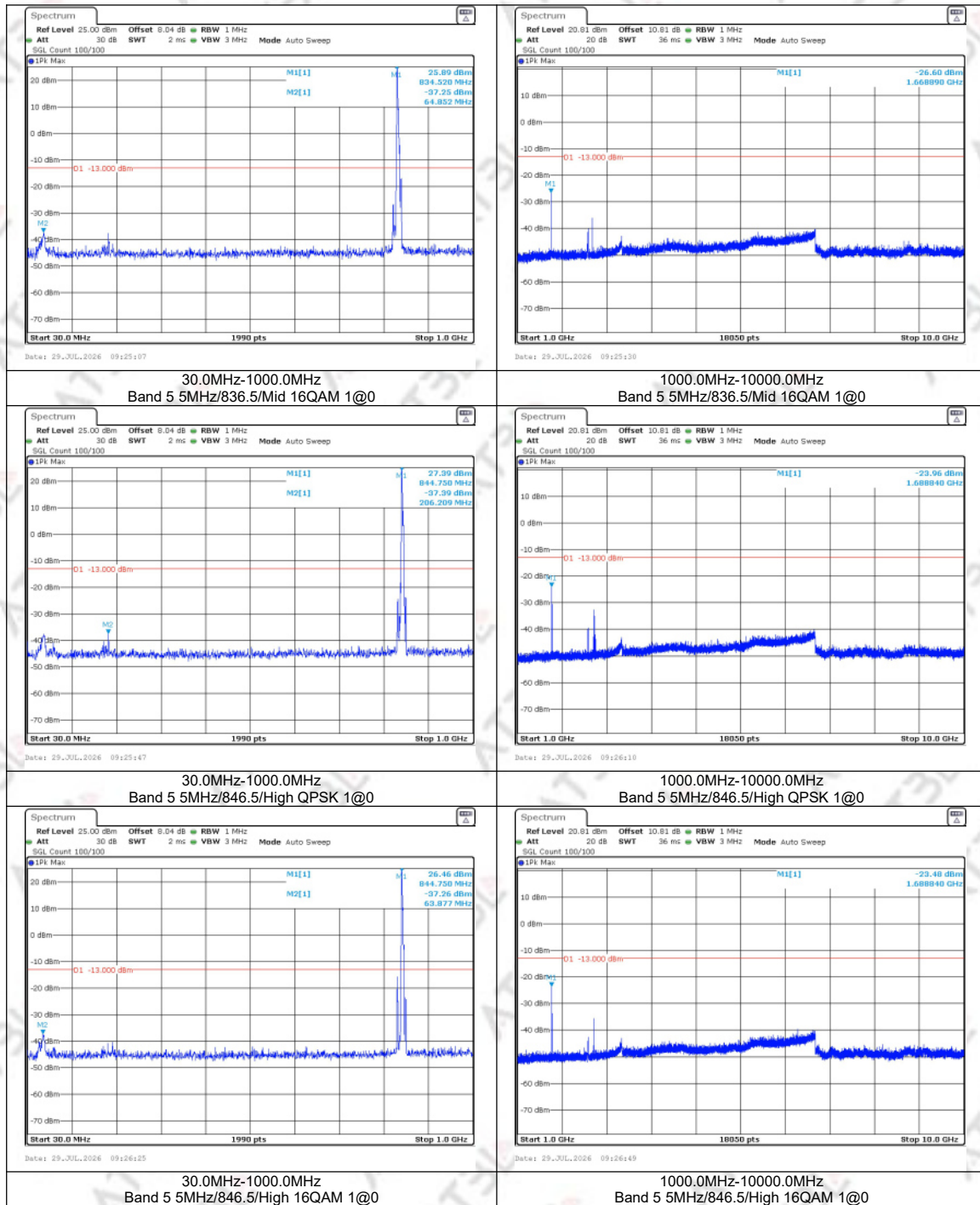


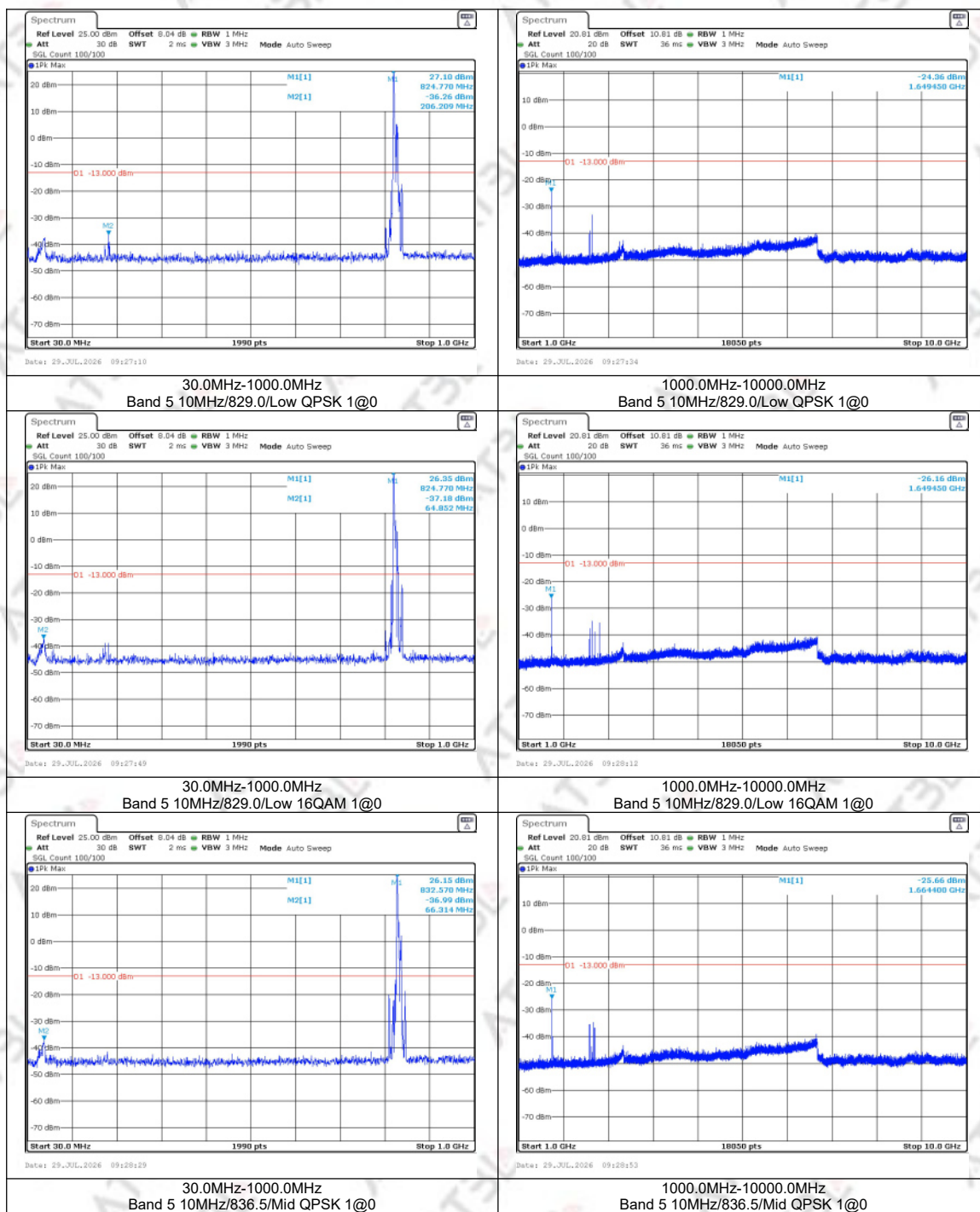


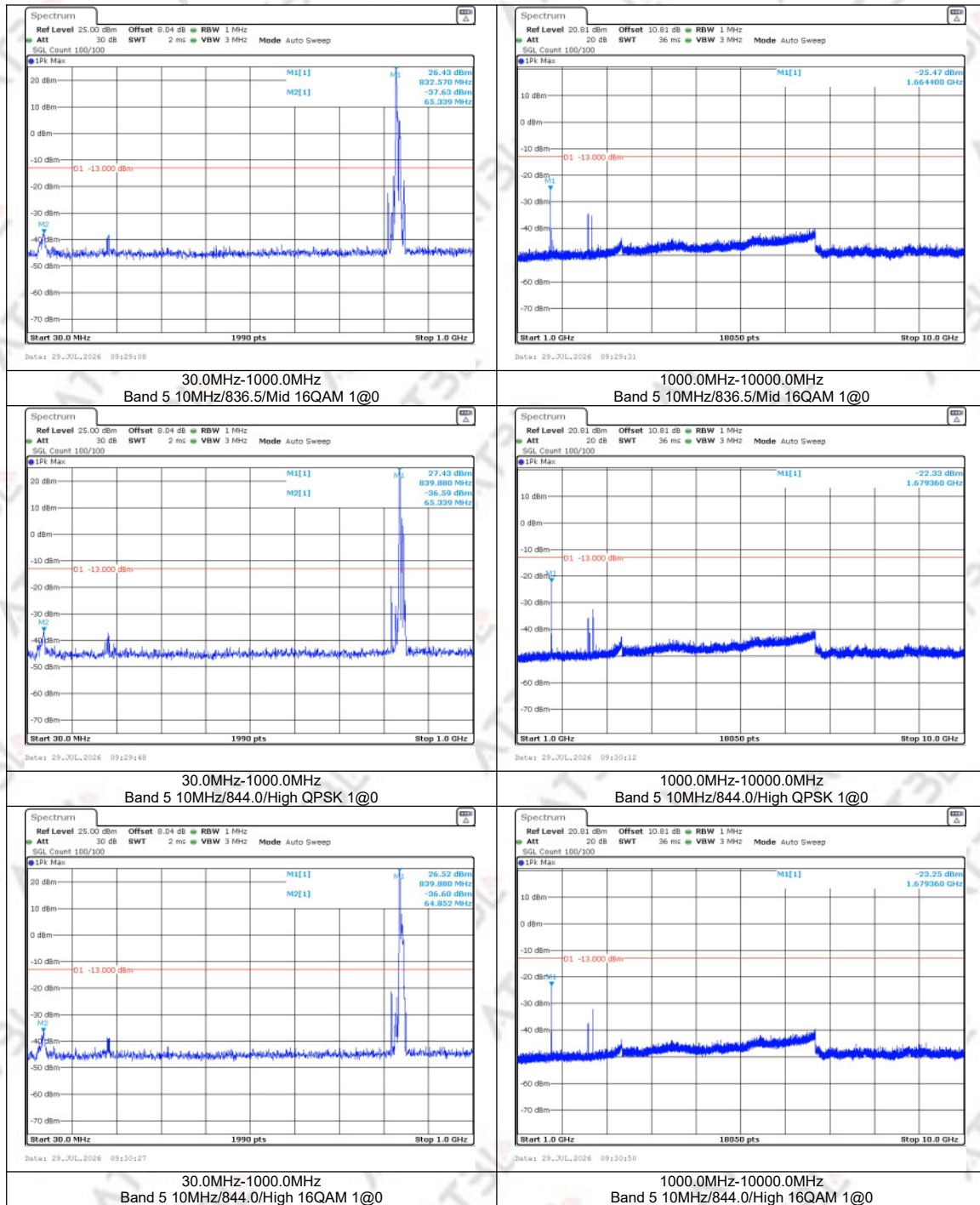












6.Frequency Stability-TN/VN

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-7.01	-0.0085	±2.5	PASS	TN/VN
5	1.4	20407	824.7	16QAM	6@0	-25.76	-0.03124	±2.5	PASS	TN/VN
5	1.4	20525	836.5	QPSK	6@0	-14.33	-0.01714	±2.5	PASS	TN/VN
5	1.4	20525	836.5	16QAM	6@0	-14.18	-0.01695	±2.5	PASS	TN/VN
5	1.4	20643	848.3	QPSK	6@0	-3.06	-0.00361	±2.5	PASS	TN/VN
5	1.4	20643	848.3	16QAM	6@0	-5.16	-0.00609	±2.5	PASS	TN/VN
5	3.0	20415	825.5	QPSK	15@0	16.74	0.02027	±2.5	PASS	TN/VN
5	3.0	20415	825.5	16QAM	15@0	-9.28	-0.01125	±2.5	PASS	TN/VN
5	3.0	20525	836.5	QPSK	15@0	-13.56	-0.01621	±2.5	PASS	TN/VN
5	3.0	20525	836.5	16QAM	15@0	-20.64	-0.02468	±2.5	PASS	TN/VN
5	3.0	20635	847.5	QPSK	15@0	-4.35	-0.00513	±2.5	PASS	TN/VN
5	3.0	20635	847.5	16QAM	15@0	-8.73	-0.0103	±2.5	PASS	TN/VN
5	5.0	20425	826.5	QPSK	25@0	9.78	0.01184	±2.5	PASS	TN/VN
5	5.0	20425	826.5	16QAM	25@0	-19.18	-0.02321	±2.5	PASS	TN/VN
5	5.0	20525	836.5	QPSK	25@0	-14.59	-0.01744	±2.5	PASS	TN/VN
5	5.0	20525	836.5	16QAM	25@0	-22.47	-0.02687	±2.5	PASS	TN/VN
5	5.0	20625	846.5	QPSK	25@0	-7.61	-0.00899	±2.5	PASS	TN/VN
5	5.0	20625	846.5	16QAM	25@0	-13.49	-0.01594	±2.5	PASS	TN/VN
5	10.0	20450	829.0	QPSK	50@0	26.91	0.03246	±2.5	PASS	TN/VN
5	10.0	20450	829.0	16QAM	50@0	-21.44	-0.02587	±2.5	PASS	TN/VN
5	10.0	20525	836.5	QPSK	50@0	-26.25	-0.03138	±2.5	PASS	TN/VN
5	10.0	20525	836.5	16QAM	50@0	-44.03	-0.05264	±2.5	PASS	TN/VN
5	10.0	20600	844.0	QPSK	50@0	-8.34	-0.00988	±2.5	PASS	TN/VN
5	10.0	20600	844.0	16QAM	50@0	-19.78	-0.02344	±2.5	PASS	TN/VN

Frequency Stability-TL/VN

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-5.75	-0.00697	±2.5	PASS	TL/VN
5	1.4	20407	824.7	16QAM	6@0	-32.57	-0.0395	±2.5	PASS	TL/VN
5	1.4	20525	836.5	QPSK	6@0	-13.13	-0.0157	±2.5	PASS	TL/VN
5	1.4	20525	836.5	16QAM	6@0	-18.3	-0.02187	±2.5	PASS	TL/VN
5	1.4	20643	848.3	QPSK	6@0	-3.83	-0.00452	±2.5	PASS	TL/VN
5	1.4	20643	848.3	16QAM	6@0	-12.25	-0.01443	±2.5	PASS	TL/VN
5	3.0	20415	825.5	QPSK	15@0	13.46	0.01631	±2.5	PASS	TL/VN
5	3.0	20415	825.5	16QAM	15@0	-12.17	-0.01475	±2.5	PASS	TL/VN
5	3.0	20525	836.5	QPSK	15@0	-15.18	-0.01814	±2.5	PASS	TL/VN
5	3.0	20525	836.5	16QAM	15@0	-21.47	-0.02567	±2.5	PASS	TL/VN
5	3.0	20635	847.5	QPSK	15@0	6.12	0.00722	±2.5	PASS	TL/VN
5	3.0	20635	847.5	16QAM	15@0	-6.17	-0.00727	±2.5	PASS	TL/VN
5	5.0	20425	826.5	QPSK	25@0	0.51	0.00062	±2.5	PASS	TL/VN
5	5.0	20425	826.5	16QAM	25@0	-39.25	-0.04749	±2.5	PASS	TL/VN
5	5.0	20525	836.5	QPSK	25@0	-2.36	-0.00282	±2.5	PASS	TL/VN
5	5.0	20525	836.5	16QAM	25@0	-45.73	-0.05467	±2.5	PASS	TL/VN
5	5.0	20625	846.5	QPSK	25@0	-19.94	-0.02356	±2.5	PASS	TL/VN
5	5.0	20625	846.5	16QAM	25@0	2.93	0.00346	±2.5	PASS	TL/VN
5	10.0	20450	829.0	QPSK	50@0	18.8	0.02267	±2.5	PASS	TL/VN
5	10.0	20450	829.0	16QAM	50@0	-48.37	-0.05834	±2.5	PASS	TL/VN
5	10.0	20525	836.5	QPSK	50@0	-29.53	-0.0353	±2.5	PASS	TL/VN
5	10.0	20525	836.5	16QAM	50@0	-18.22	-0.02179	±2.5	PASS	TL/VN
5	10.0	20600	844.0	QPSK	50@0	-8.47	-0.01003	±2.5	PASS	TL/VN
5	10.0	20600	844.0	16QAM	50@0	-30.88	-0.03659	±2.5	PASS	TL/VN

Frequency Stability-TH/VH

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	0.66	0.0008	±2.5	PASS	TH/VH
5	1.4	20407	824.7	16QAM	6@0	-19.83	-0.02404	±2.5	PASS	TH/VH
5	1.4	20525	836.5	QPSK	6@0	-7.94	-0.00949	±2.5	PASS	TH/VH
5	1.4	20525	836.5	16QAM	6@0	-8.44	-0.01009	±2.5	PASS	TH/VH
5	1.4	20643	848.3	QPSK	6@0	-1.16	-0.00137	±2.5	PASS	TH/VH
5	1.4	20643	848.3	16QAM	6@0	-4.99	-0.00589	±2.5	PASS	TH/VH
5	3.0	20415	825.5	QPSK	15@0	14.31	0.01733	±2.5	PASS	TH/VH
5	3.0	20415	825.5	16QAM	15@0	-10.23	-0.01239	±2.5	PASS	TH/VH
5	3.0	20525	836.5	QPSK	15@0	-13.8	-0.0165	±2.5	PASS	TH/VH
5	3.0	20525	836.5	16QAM	15@0	-16.92	-0.02023	±2.5	PASS	TH/VH
5	3.0	20635	847.5	QPSK	15@0	3.62	0.00427	±2.5	PASS	TH/VH
5	3.0	20635	847.5	16QAM	15@0	-6.72	-0.00793	±2.5	PASS	TH/VH
5	5.0	20425	826.5	QPSK	25@0	22.03	0.02665	±2.5	PASS	TH/VH
5	5.0	20425	826.5	16QAM	25@0	-22.27	-0.02695	±2.5	PASS	TH/VH
5	5.0	20525	836.5	QPSK	25@0	-15.22	-0.0182	±2.5	PASS	TH/VH
5	5.0	20525	836.5	16QAM	25@0	-25.36	-0.03032	±2.5	PASS	TH/VH
5	5.0	20625	846.5	QPSK	25@0	-4.29	-0.00507	±2.5	PASS	TH/VH
5	5.0	20625	846.5	16QAM	25@0	-18.73	-0.02212	±2.5	PASS	TH/VH
5	10.0	20450	829.0	QPSK	50@0	20.07	0.02421	±2.5	PASS	TH/VH
5	10.0	20450	829.0	16QAM	50@0	-24.56	-0.02963	±2.5	PASS	TH/VH
5	10.0	20525	836.5	QPSK	50@0	-17.62	-0.02107	±2.5	PASS	TH/VH
5	10.0	20525	836.5	16QAM	50@0	-35.76	-0.04275	±2.5	PASS	TH/VH
5	10.0	20600	844.0	QPSK	50@0	-6.67	-0.0079	±2.5	PASS	TH/VH
5	10.0	20600	844.0	16QAM	50@0	-17.88	-0.02119	±2.5	PASS	TH/VH

Frequency Stability-TH/VL

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-1.99	-0.00241	±2.5	PASS	TH/VL
5	1.4	20407	824.7	16QAM	6@0	-22.92	-0.02779	±2.5	PASS	TH/VL
5	1.4	20525	836.5	QPSK	6@0	-9.0	-0.01076	±2.5	PASS	TH/VL
5	1.4	20525	836.5	16QAM	6@0	-7.41	-0.00886	±2.5	PASS	TH/VL
5	1.4	20643	848.3	QPSK	6@0	1.57	0.00185	±2.5	PASS	TH/VL
5	1.4	20643	848.3	16QAM	6@0	-8.61	-0.01015	±2.5	PASS	TH/VL
5	3.0	20415	825.5	QPSK	15@0	8.78	0.01064	±2.5	PASS	TH/VL
5	3.0	20415	825.5	16QAM	15@0	-17.32	-0.02099	±2.5	PASS	TH/VL
5	3.0	20525	836.5	QPSK	15@0	-13.43	-0.01606	±2.5	PASS	TH/VL
5	3.0	20525	836.5	16QAM	15@0	-19.24	-0.023	±2.5	PASS	TH/VL
5	3.0	20635	847.5	QPSK	15@0	-1.86	-0.00219	±2.5	PASS	TH/VL
5	3.0	20635	847.5	16QAM	15@0	-10.61	-0.01252	±2.5	PASS	TH/VL
5	5.0	20425	826.5	QPSK	25@0	8.7	0.01052	±2.5	PASS	TH/VL
5	5.0	20425	826.5	16QAM	25@0	-17.84	-0.02158	±2.5	PASS	TH/VL
5	5.0	20525	836.5	QPSK	25@0	-10.99	-0.01313	±2.5	PASS	TH/VL
5	5.0	20525	836.5	16QAM	25@0	-19.13	-0.02286	±2.5	PASS	TH/VL
5	5.0	20625	846.5	QPSK	25@0	-3.48	-0.00411	±2.5	PASS	TH/VL
5	5.0	20625	846.5	16QAM	25@0	-13.25	-0.01565	±2.5	PASS	TH/VL
5	10.0	20450	829.0	QPSK	50@0	-6.65	-0.00802	±2.5	PASS	TH/VL
5	10.0	20450	829.0	16QAM	50@0	-4.61	-0.00556	±2.5	PASS	TH/VL
5	10.0	20525	836.5	QPSK	50@0	-38.88	-0.04648	±2.5	PASS	TH/VL
5	10.0	20525	836.5	16QAM	50@0	-31.19	-0.03728	±2.5	PASS	TH/VL
5	10.0	20600	844.0	QPSK	50@0	-20.63	-0.02444	±2.5	PASS	TH/VL
5	10.0	20600	844.0	16QAM	50@0	-49.6	-0.05876	±2.5	PASS	TH/VL

Frequency Stability-TH/VN

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-12.22	-0.01481	±2.5	PASS	TH/VN
5	1.4	20407	824.7	16QAM	6@0	-3.53	-0.00428	±2.5	PASS	TH/VN
5	1.4	20525	836.5	QPSK	6@0	-18.41	-0.02201	±2.5	PASS	TH/VN
5	1.4	20525	836.5	16QAM	6@0	-29.41	-0.03516	±2.5	PASS	TH/VN
5	1.4	20643	848.3	QPSK	6@0	-0.43	-0.00051	±2.5	PASS	TH/VN
5	1.4	20643	848.3	16QAM	6@0	-23.06	-0.02718	±2.5	PASS	TH/VN
5	3.0	20415	825.5	QPSK	15@0	18.77	0.02274	±2.5	PASS	TH/VN
5	3.0	20415	825.5	16QAM	15@0	-15.39	-0.01865	±2.5	PASS	TH/VN
5	3.0	20525	836.5	QPSK	15@0	-16.74	-0.02001	±2.5	PASS	TH/VN
5	3.0	20525	836.5	16QAM	15@0	-31.9	-0.03814	±2.5	PASS	TH/VN
5	3.0	20635	847.5	QPSK	15@0	-3.53	-0.00417	±2.5	PASS	TH/VN
5	3.0	20635	847.5	16QAM	15@0	-22.54	-0.0266	±2.5	PASS	TH/VN
5	5.0	20425	826.5	QPSK	25@0	33.86	0.04097	±2.5	PASS	TH/VN
5	5.0	20425	826.5	16QAM	25@0	-27.64	-0.03344	±2.5	PASS	TH/VN
5	5.0	20525	836.5	QPSK	25@0	-36.48	-0.04361	±2.5	PASS	TH/VN
5	5.0	20525	836.5	16QAM	25@0	-17.25	-0.02062	±2.5	PASS	TH/VN
5	5.0	20625	846.5	QPSK	25@0	-41.51	-0.04904	±2.5	PASS	TH/VN
5	5.0	20625	846.5	16QAM	25@0	-32.77	-0.03872	±2.5	PASS	TH/VN
5	10.0	20450	829.0	QPSK	50@0	6.92	0.00835	±2.5	PASS	TH/VN
5	10.0	20450	829.0	16QAM	50@0	-34.99	-0.04221	±2.5	PASS	TH/VN
5	10.0	20525	836.5	QPSK	50@0	-4.84	-0.00578	±2.5	PASS	TH/VN
5	10.0	20525	836.5	16QAM	50@0	-12.46	-0.0149	±2.5	PASS	TH/VN
5	10.0	20600	844.0	QPSK	50@0	-25.25	-0.02992	±2.5	PASS	TH/VN
5	10.0	20600	844.0	16QAM	50@0	-30.18	-0.03576	±2.5	PASS	TH/VN

Frequency Stability-TL/VH

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-18.4	-0.02231	±2.5	PASS	TLVH
5	1.4	20407	824.7	16QAM	6@0	-10.34	-0.01254	±2.5	PASS	TLVH
5	1.4	20525	836.5	QPSK	6@0	-18.85	-0.02254	±2.5	PASS	TLVH
5	1.4	20525	836.5	16QAM	6@0	-27.79	-0.03323	±2.5	PASS	TLVH
5	1.4	20643	848.3	QPSK	6@0	4.33	0.00511	±2.5	PASS	TLVH
5	1.4	20643	848.3	16QAM	6@0	-18.44	-0.02174	±2.5	PASS	TLVH
5	3.0	20415	825.5	QPSK	15@0	-21.03	-0.02547	±2.5	PASS	TLVH
5	3.0	20415	825.5	16QAM	15@0	-5.61	-0.00679	±2.5	PASS	TLVH
5	3.0	20525	836.5	QPSK	15@0	-14.71	-0.01758	±2.5	PASS	TLVH
5	3.0	20525	836.5	16QAM	15@0	-23.35	-0.02791	±2.5	PASS	TLVH
5	3.0	20635	847.5	QPSK	15@0	-1.53	-0.00181	±2.5	PASS	TLVH
5	3.0	20635	847.5	16QAM	15@0	-14.68	-0.01732	±2.5	PASS	TLVH
5	5.0	20425	826.5	QPSK	25@0	-18.54	-0.02243	±2.5	PASS	TLVH
5	5.0	20425	826.5	16QAM	25@0	-2.22	-0.00268	±2.5	PASS	TLVH
5	5.0	20525	836.5	QPSK	25@0	-10.99	-0.01313	±2.5	PASS	TLVH
5	5.0	20525	836.5	16QAM	25@0	-15.48	-0.0185	±2.5	PASS	TLVH
5	5.0	20625	846.5	QPSK	25@0	0.32	0.00038	±2.5	PASS	TLVH
5	5.0	20625	846.5	16QAM	25@0	-13.3	-0.01572	±2.5	PASS	TLVH
5	10.0	20450	829.0	QPSK	50@0	38.78	0.04678	±2.5	PASS	TLVH
5	10.0	20450	829.0	16QAM	50@0	-9.94	-0.01199	±2.5	PASS	TLVH
5	10.0	20525	836.5	QPSK	50@0	-18.71	-0.02237	±2.5	PASS	TLVH
5	10.0	20525	836.5	16QAM	50@0	-41.63	-0.04976	±2.5	PASS	TLVH
5	10.0	20600	844.0	QPSK	50@0	-15.15	-0.01795	±2.5	PASS	TLVH
5	10.0	20600	844.0	16QAM	50@0	-33.32	-0.03947	±2.5	PASS	TLVH

Frequency Stability-TL/VL

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-17.91	-0.02172	±2.5	PASS	TL/VL
5	1.4	20407	824.7	16QAM	6@0	-45.49	-0.05516	±2.5	PASS	TL/VL
5	1.4	20525	836.5	QPSK	6@0	-2.46	-0.00294	±2.5	PASS	TL/VL
5	1.4	20525	836.5	16QAM	6@0	-13.19	-0.01577	±2.5	PASS	TL/VL
5	1.4	20643	848.3	QPSK	6@0	-1.0	-0.00118	±2.5	PASS	TL/VL
5	1.4	20643	848.3	16QAM	6@0	-19.17	-0.0226	±2.5	PASS	TL/VL
5	3.0	20415	825.5	QPSK	15@0	8.11	0.00983	±2.5	PASS	TL/VL
5	3.0	20415	825.5	16QAM	15@0	-18.94	-0.02294	±2.5	PASS	TL/VL
5	3.0	20525	836.5	QPSK	15@0	-10.81	-0.01293	±2.5	PASS	TL/VL
5	3.0	20525	836.5	16QAM	15@0	-17.81	-0.02129	±2.5	PASS	TL/VL
5	3.0	20635	847.5	QPSK	15@0	-2.15	-0.00253	±2.5	PASS	TL/VL
5	3.0	20635	847.5	16QAM	15@0	-16.37	-0.01931	±2.5	PASS	TL/VL
5	5.0	20425	826.5	QPSK	25@0	6.59	0.00798	±2.5	PASS	TL/VL
5	5.0	20425	826.5	16QAM	25@0	-17.09	-0.02068	±2.5	PASS	TL/VL
5	5.0	20525	836.5	QPSK	25@0	-14.85	-0.01775	±2.5	PASS	TL/VL
5	5.0	20525	836.5	16QAM	25@0	-19.61	-0.02345	±2.5	PASS	TL/VL
5	5.0	20625	846.5	QPSK	25@0	-4.81	-0.00568	±2.5	PASS	TL/VL
5	5.0	20625	846.5	16QAM	25@0	-15.41	-0.0182	±2.5	PASS	TL/VL
5	10.0	20450	829.0	QPSK	50@0	7.77	0.00937	±2.5	PASS	TL/VL
5	10.0	20450	829.0	16QAM	50@0	-16.09	-0.01941	±2.5	PASS	TL/VL
5	10.0	20525	836.5	QPSK	50@0	-3.43	-0.0041	±2.5	PASS	TL/VL
5	10.0	20525	836.5	16QAM	50@0	-13.15	-0.01572	±2.5	PASS	TL/VL
5	10.0	20600	844.0	QPSK	50@0	5.66	0.00671	±2.5	PASS	TL/VL
5	10.0	20600	844.0	16QAM	50@0	-3.49	-0.00414	±2.5	PASS	TL/VL

Frequency Stability-TN/VH

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	4.51	0.00546	±2.5	PASS	TN/VH
5	1.4	20407	824.7	16QAM	6@0	-11.82	-0.01433	±2.5	PASS	TN/VH
5	1.4	20525	836.5	QPSK	6@0	-6.44	-0.0077	±2.5	PASS	TN/VH
5	1.4	20525	836.5	16QAM	6@0	-2.63	-0.00315	±2.5	PASS	TN/VH
5	1.4	20643	848.3	QPSK	6@0	8.01	0.00944	±2.5	PASS	TN/VH
5	1.4	20643	848.3	16QAM	6@0	-2.79	-0.00329	±2.5	PASS	TN/VH
5	3.0	20415	825.5	QPSK	15@0	11.32	0.01371	±2.5	PASS	TN/VH
5	3.0	20415	825.5	16QAM	15@0	-14.73	-0.01785	±2.5	PASS	TN/VH
5	3.0	20525	836.5	QPSK	15@0	-10.77	-0.01288	±2.5	PASS	TN/VH
5	3.0	20525	836.5	16QAM	15@0	-17.55	-0.02098	±2.5	PASS	TN/VH
5	3.0	20635	847.5	QPSK	15@0	1.57	0.00186	±2.5	PASS	TN/VH
5	3.0	20635	847.5	16QAM	15@0	-11.97	-0.01413	±2.5	PASS	TN/VH
5	5.0	20425	826.5	QPSK	25@0	13.4	0.01622	±2.5	PASS	TN/VH
5	5.0	20425	826.5	16QAM	25@0	-10.29	-0.01244	±2.5	PASS	TN/VH
5	5.0	20525	836.5	QPSK	25@0	-9.37	-0.0112	±2.5	PASS	TN/VH
5	5.0	20525	836.5	16QAM	25@0	-19.31	-0.02309	±2.5	PASS	TN/VH
5	5.0	20625	846.5	QPSK	25@0	4.66	0.00551	±2.5	PASS	TN/VH
5	5.0	20625	846.5	16QAM	25@0	-5.71	-0.00674	±2.5	PASS	TN/VH
5	10.0	20450	829.0	QPSK	50@0	15.86	0.01914	±2.5	PASS	TN/VH
5	10.0	20450	829.0	16QAM	50@0	-6.62	-0.00799	±2.5	PASS	TN/VH
5	10.0	20525	836.5	QPSK	50@0	-11.69	-0.01397	±2.5	PASS	TN/VH
5	10.0	20525	836.5	16QAM	50@0	-18.61	-0.02225	±2.5	PASS	TN/VH
5	10.0	20600	844.0	QPSK	50@0	3.55	0.0042	±2.5	PASS	TN/VH
5	10.0	20600	844.0	16QAM	50@0	-5.76	-0.00683	±2.5	PASS	TN/VH

Frequency Stability-TN/VL

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20407	824.7	QPSK	6@0	-7.93	-0.00961	±2.5	PASS	TN/VL
5	1.4	20407	824.7	16QAM	6@0	-38.84	-0.04709	±2.5	PASS	TN/VL
5	1.4	20525	836.5	QPSK	6@0	-11.24	-0.01344	±2.5	PASS	TN/VL
5	1.4	20525	836.5	16QAM	6@0	-11.46	-0.0137	±2.5	PASS	TN/VL
5	1.4	20643	848.3	QPSK	6@0	-1.57	-0.00185	±2.5	PASS	TN/VL
5	1.4	20643	848.3	16QAM	6@0	-17.35	-0.02046	±2.5	PASS	TN/VL
5	3.0	20415	825.5	QPSK	15@0	39.98	0.04843	±2.5	PASS	TN/VL
5	3.0	20415	825.5	16QAM	15@0	-17.07	-0.02067	±2.5	PASS	TN/VL
5	3.0	20525	836.5	QPSK	15@0	-29.97	-0.03583	±2.5	PASS	TN/VL
5	3.0	20525	836.5	16QAM	15@0	2.39	0.00286	±2.5	PASS	TN/VL
5	3.0	20635	847.5	QPSK	15@0	-12.73	-0.01502	±2.5	PASS	TN/VL
5	3.0	20635	847.5	16QAM	15@0	-37.15	-0.04384	±2.5	PASS	TN/VL
5	5.0	20425	826.5	QPSK	25@0	39.87	0.04824	±2.5	PASS	TN/VL
5	5.0	20425	826.5	16QAM	25@0	-23.72	-0.0287	±2.5	PASS	TN/VL
5	5.0	20525	836.5	QPSK	25@0	-30.07	-0.03595	±2.5	PASS	TN/VL
5	5.0	20525	836.5	16QAM	25@0	-2.19	-0.00262	±2.5	PASS	TN/VL
5	5.0	20625	846.5	QPSK	25@0	-4.33	-0.00512	±2.5	PASS	TN/VL
5	5.0	20625	846.5	16QAM	25@0	-26.24	-0.03099	±2.5	PASS	TN/VL
5	10.0	20450	829.0	QPSK	50@0	15.62	0.01884	±2.5	PASS	TN/VL
5	10.0	20450	829.0	16QAM	50@0	-16.62	-0.02005	±2.5	PASS	TN/VL
5	10.0	20525	836.5	QPSK	50@0	-20.11	-0.02404	±2.5	PASS	TN/VL
5	10.0	20525	836.5	16QAM	50@0	-35.46	-0.04239	±2.5	PASS	TN/VL
5	10.0	20600	844.0	QPSK	50@0	1.66	0.00197	±2.5	PASS	TN/VL
5	10.0	20600	844.0	16QAM	50@0	-15.01	-0.01778	±2.5	PASS	TN/VL

7.Modulation Characteristics

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Verdict
5	1.4	20407	824.7	QPSK	6@0	PASS
5	1.4	20407	824.7	16QAM	6@0	PASS
5	1.4	20525	836.5	QPSK	6@0	PASS
5	1.4	20525	836.5	16QAM	6@0	PASS
5	1.4	20643	848.3	QPSK	6@0	PASS
5	1.4	20643	848.3	16QAM	6@0	PASS
5	3.0	20415	825.5	QPSK	15@0	PASS
5	3.0	20415	825.5	16QAM	15@0	PASS
5	3.0	20525	836.5	QPSK	15@0	PASS
5	3.0	20525	836.5	16QAM	15@0	PASS
5	3.0	20635	847.5	QPSK	15@0	PASS
5	3.0	20635	847.5	16QAM	15@0	PASS
5	5.0	20425	826.5	QPSK	25@0	PASS
5	5.0	20425	826.5	16QAM	25@0	PASS
5	5.0	20525	836.5	QPSK	25@0	PASS
5	5.0	20525	836.5	16QAM	25@0	PASS
5	5.0	20625	846.5	QPSK	25@0	PASS
5	5.0	20625	846.5	16QAM	25@0	PASS
5	10.0	20450	829.0	QPSK	50@0	PASS
5	10.0	20450	829.0	16QAM	50@0	PASS
5	10.0	20525	836.5	QPSK	50@0	PASS
5	10.0	20525	836.5	16QAM	50@0	PASS
5	10.0	20600	844.0	QPSK	50@0	PASS
5	10.0	20600	844.0	16QAM	50@0	PASS

Test Graphs

