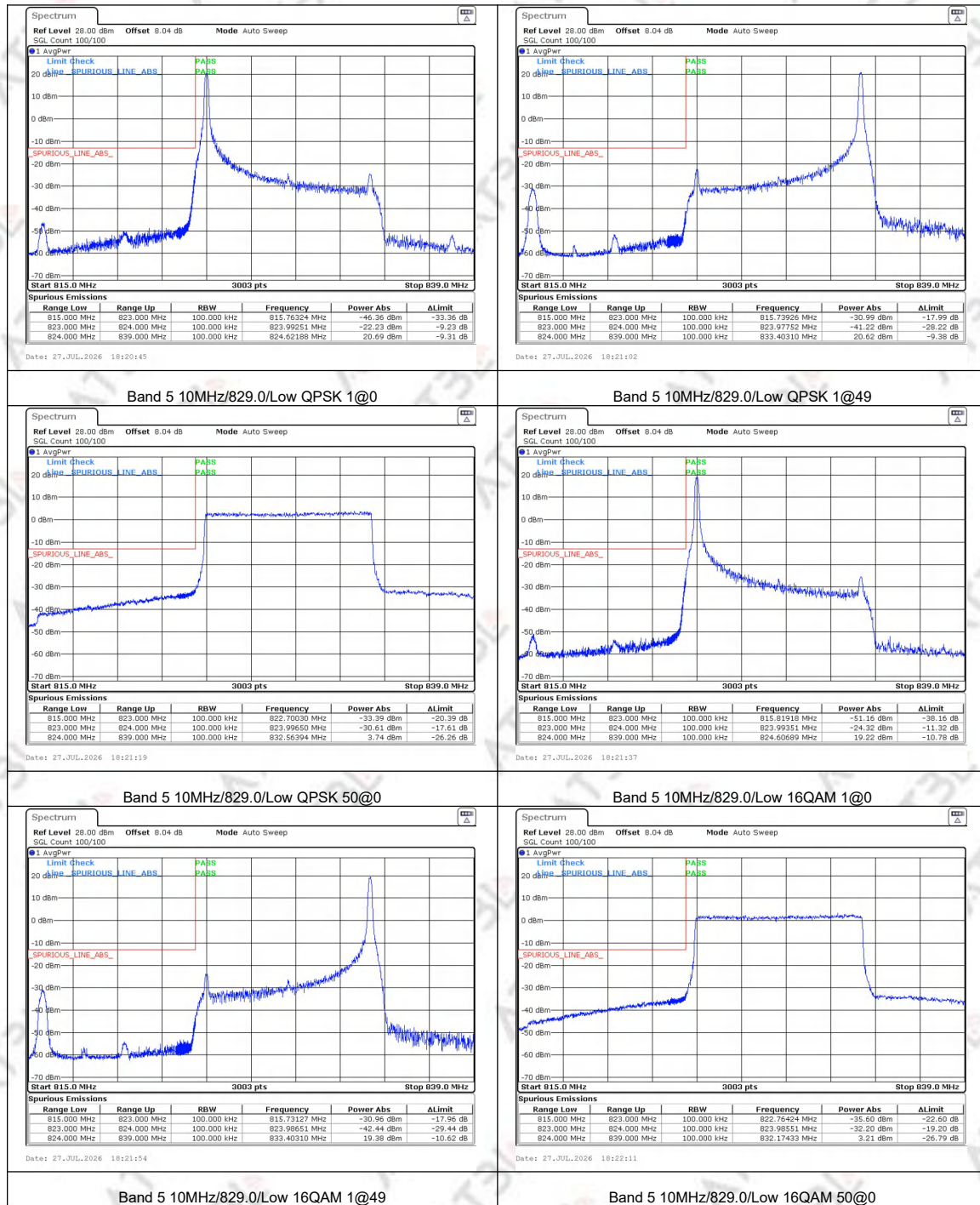
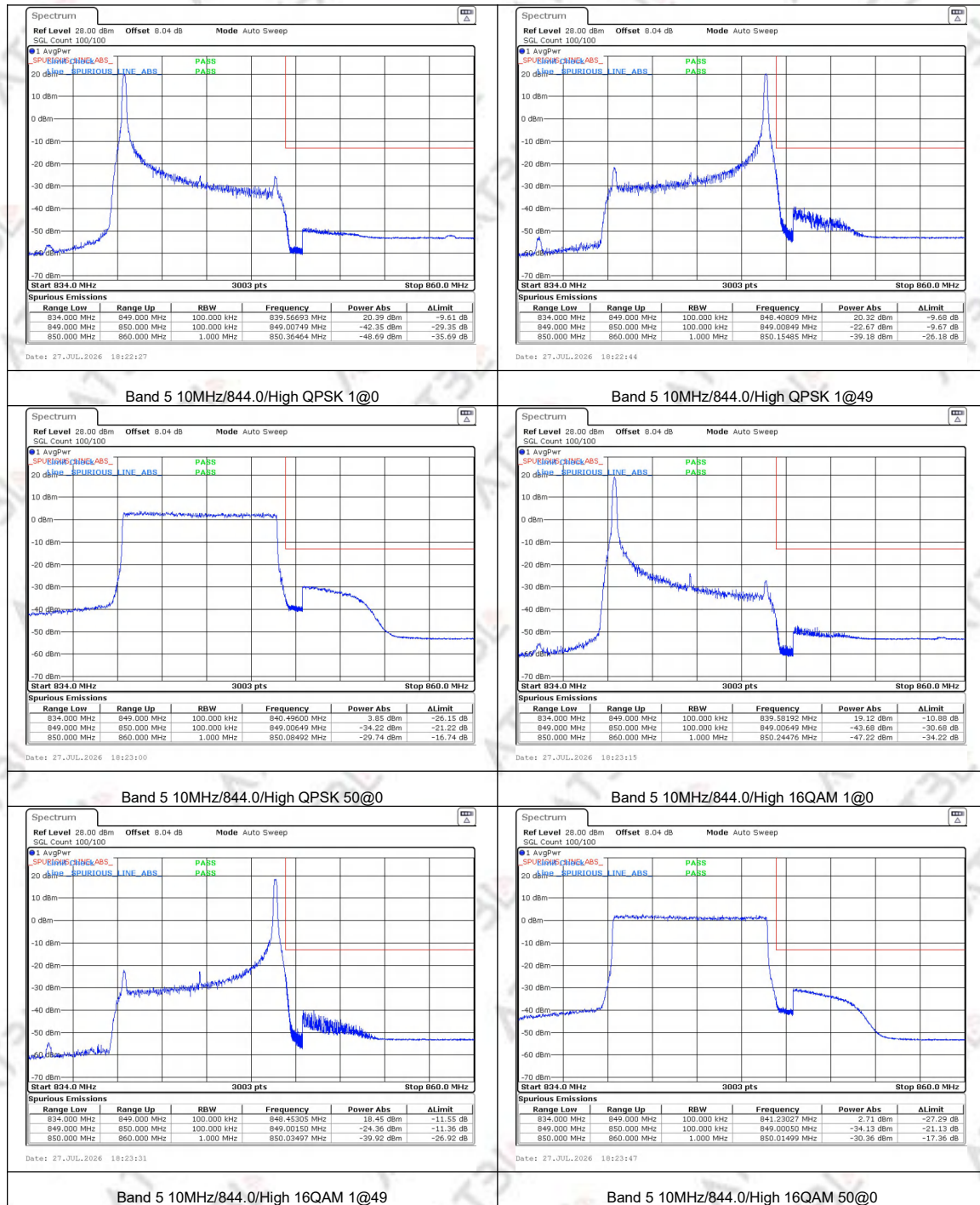




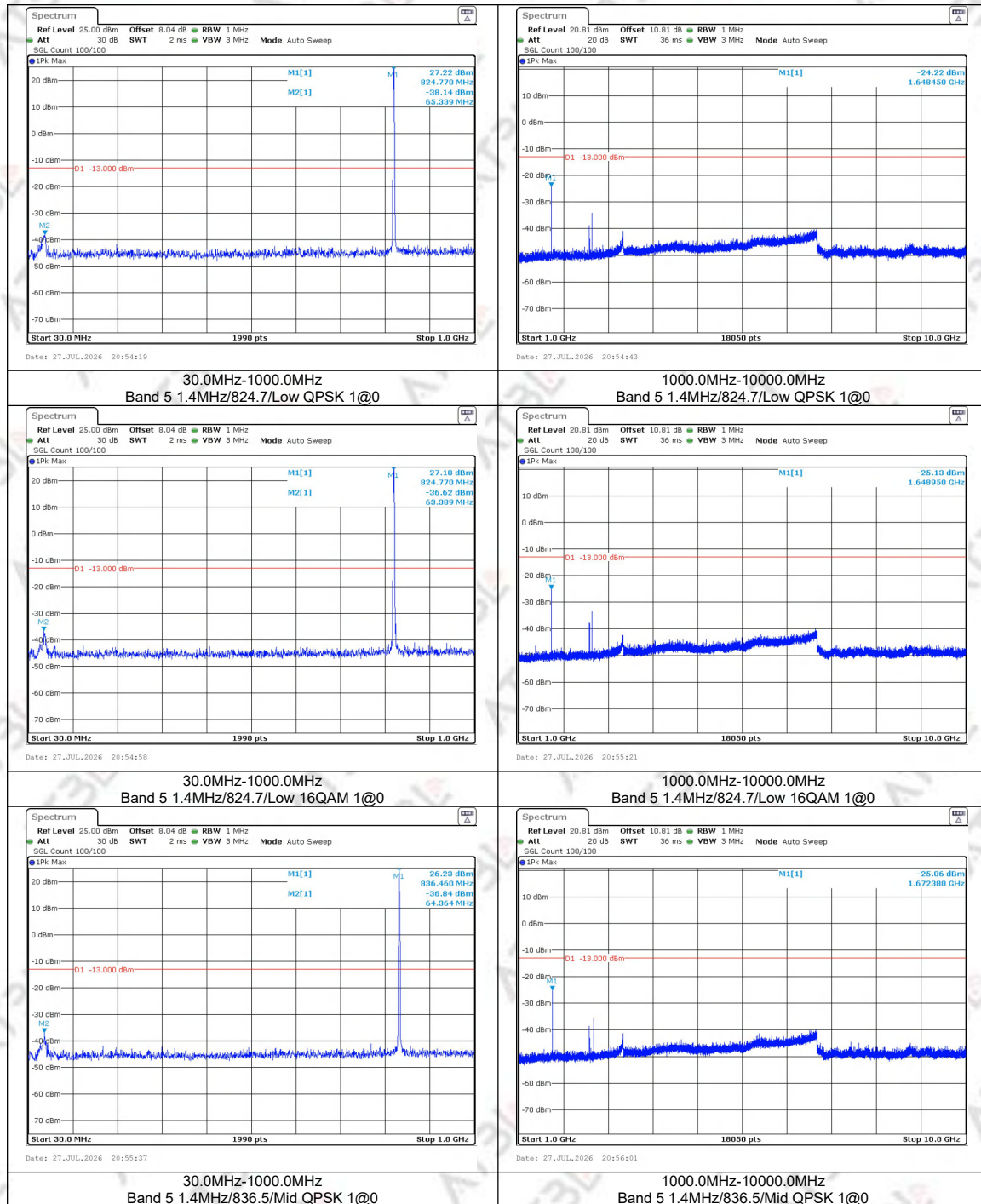


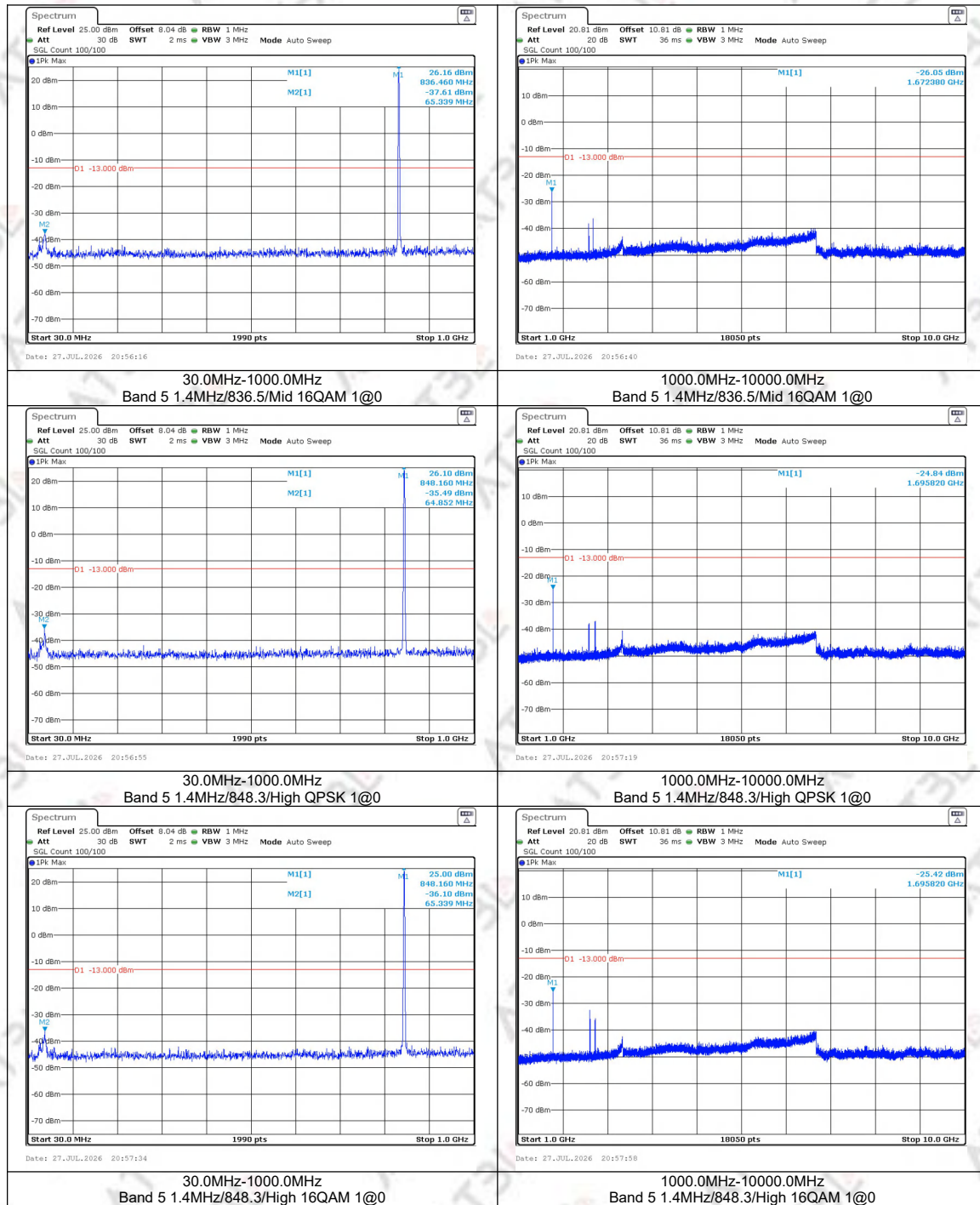
5. Conducted Spurious Emissions

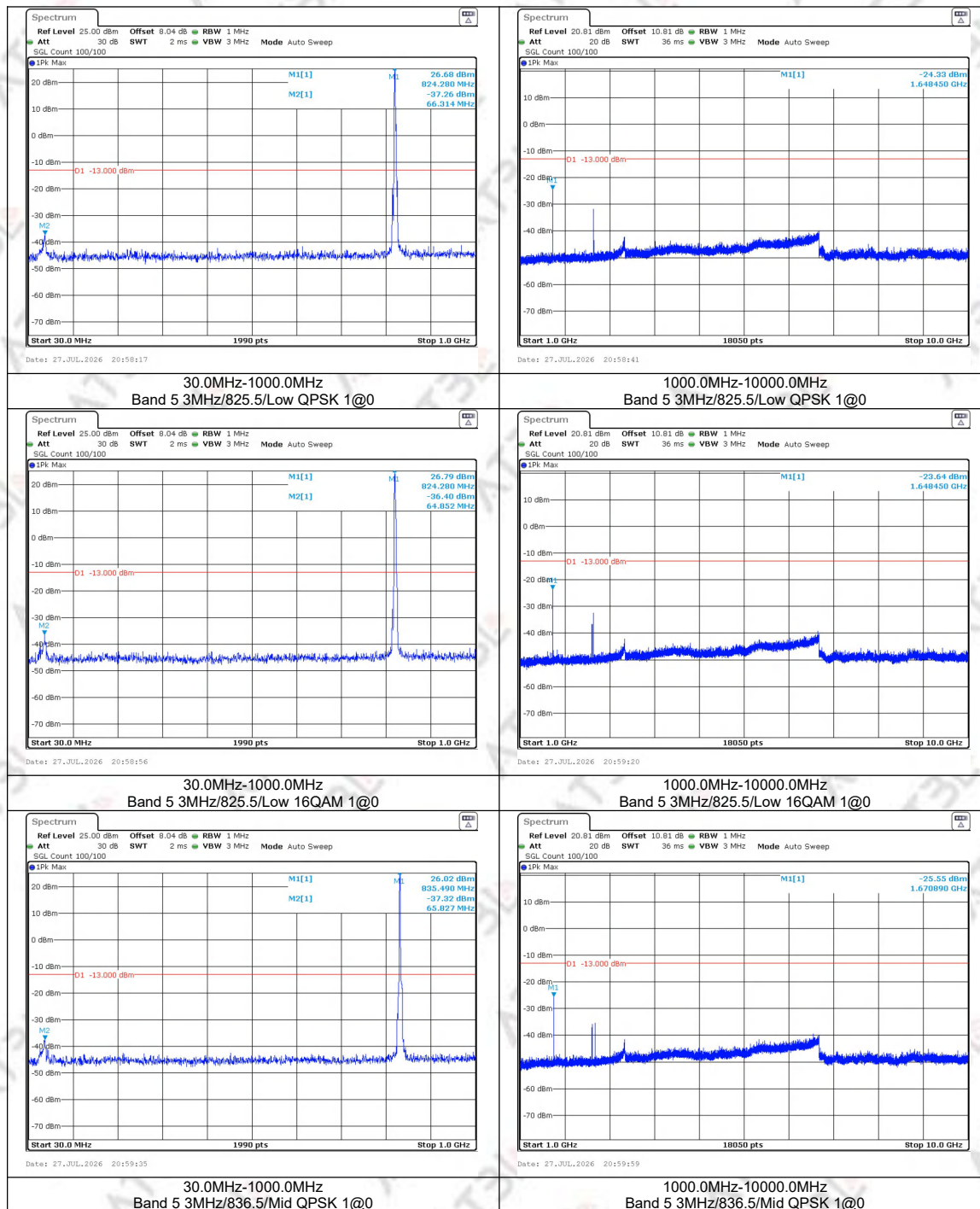
Test Result

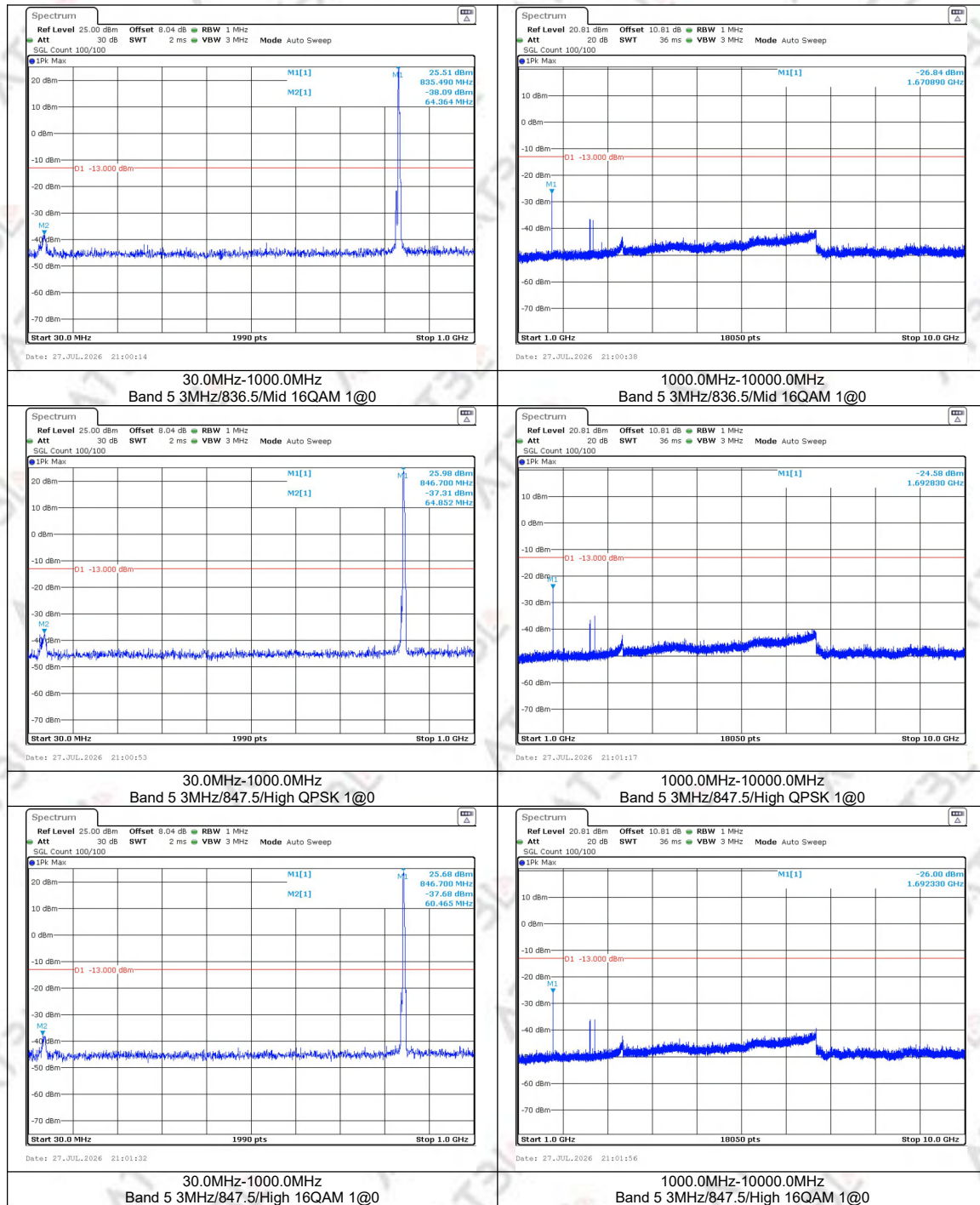
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
5	1.4	20407	824.7	QPSK	1@0	30	1000	-38.14	-13	PASS
5	1.4	20407	824.7	QPSK	1@0	1000	10000	-24.22	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	30	1000	-36.62	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	1000	10000	-25.13	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	30	1000	-36.84	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	1000	10000	-25.06	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	30	1000	-37.61	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	1000	10000	-26.05	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	30	1000	-35.49	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	1000	10000	-24.84	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	30	1000	-36.1	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	1000	10000	-25.42	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	30	1000	-37.26	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	1000	10000	-24.33	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	30	1000	-36.4	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	1000	10000	-23.64	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	30	1000	-37.32	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	1000	10000	-25.55	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	30	1000	-38.09	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	1000	10000	-26.84	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	30	1000	-37.31	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	1000	10000	-24.58	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	30	1000	-37.68	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	1000	10000	-26.0	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	30	1000	-36.67	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	1000	10000	-23.72	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	30	1000	-37.61	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	1000	10000	-25.62	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	30	1000	-36.83	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	1000	10000	-25.49	-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	-26.96	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	30	1000	-37.79	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	1000	10000	-23.2	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	30	1000	-37.92	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	1000	10000	-25.22	-13	PASS
5	10.0	20450	829.0	QPSK	1@0	30	1000	-38.52	-13	PASS
5	10.0	20450	829.0	QPSK	1@0	1000	10000	-25.21	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	30	1000	-36.69	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	1000	10000	-24.84	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	30	1000	-36.72	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	1000	10000	-26.05	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	30	1000	-37.43	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	1000	10000	-26.06	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	30	1000	-37.55	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	1000	10000	-23.01	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	30	1000	-36.78	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	1000	10000	-23.5	-13	PASS

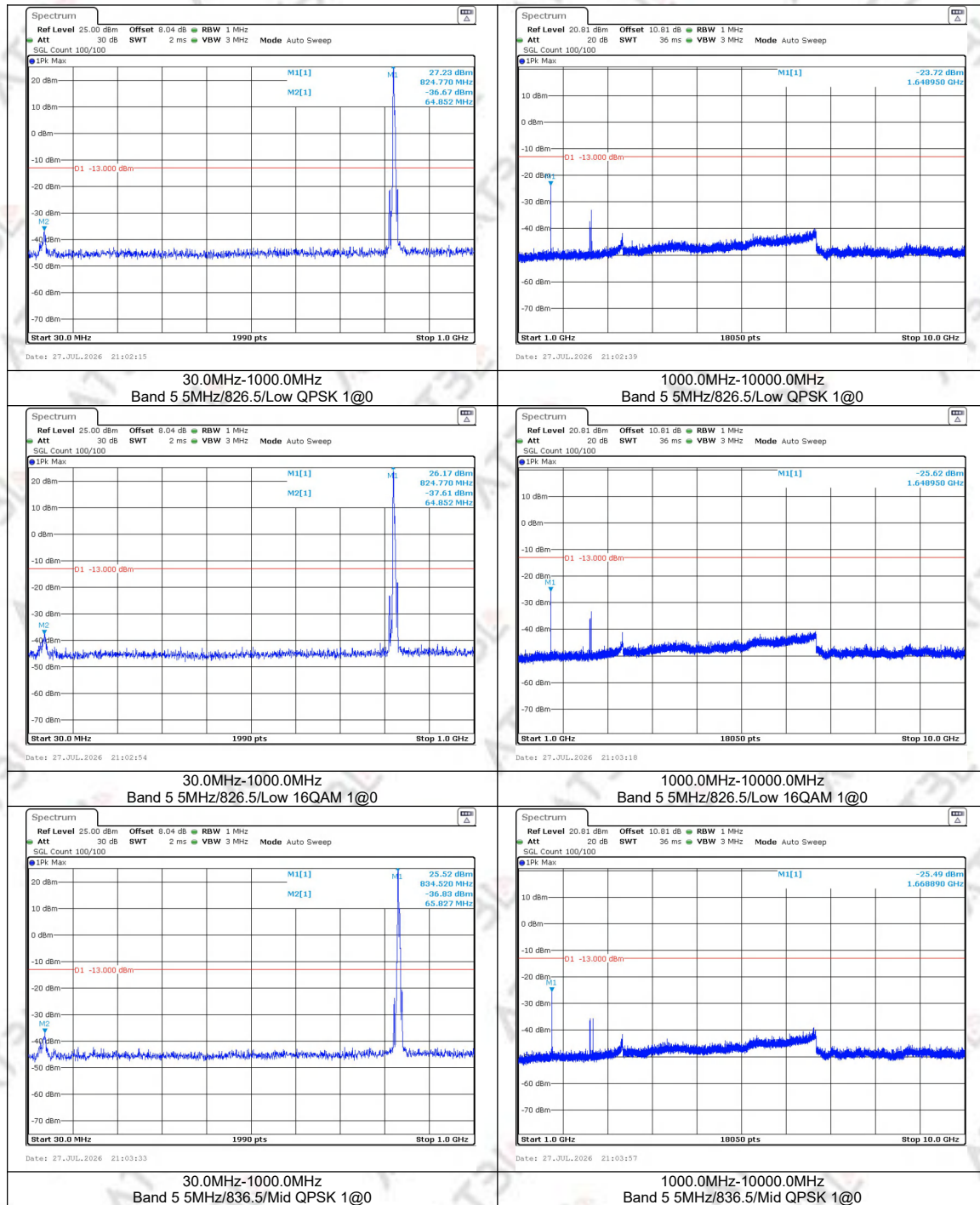
Test Graphs

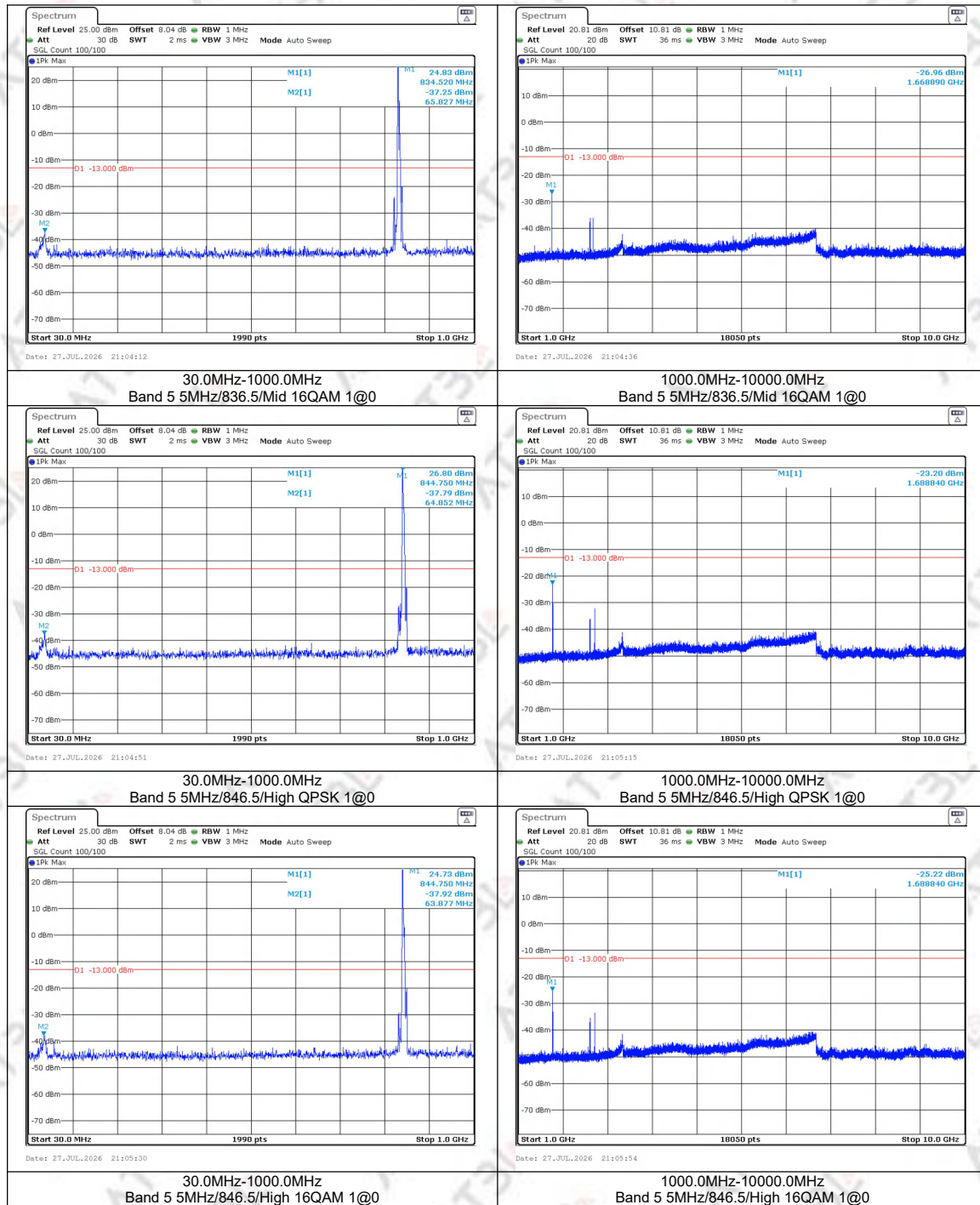


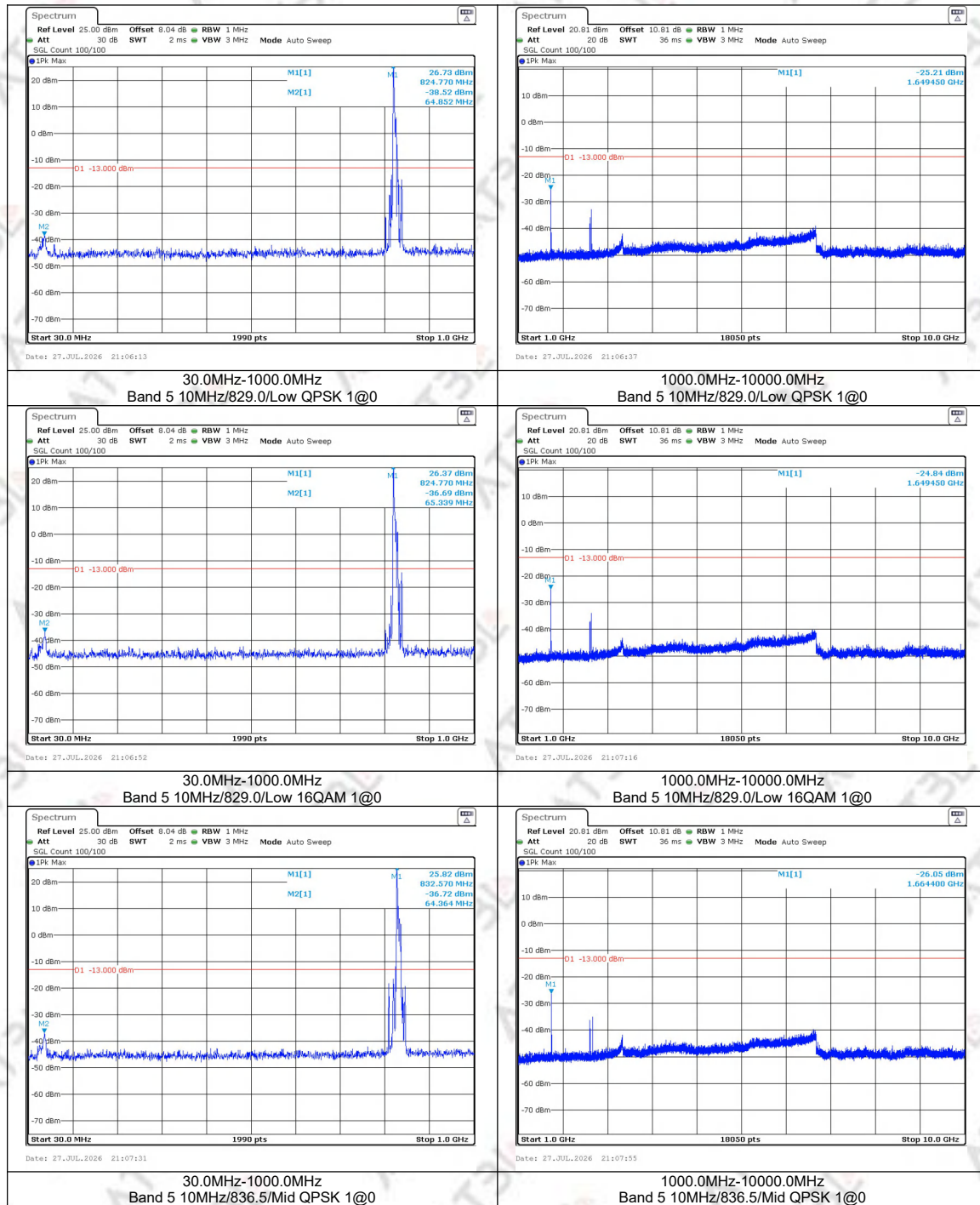


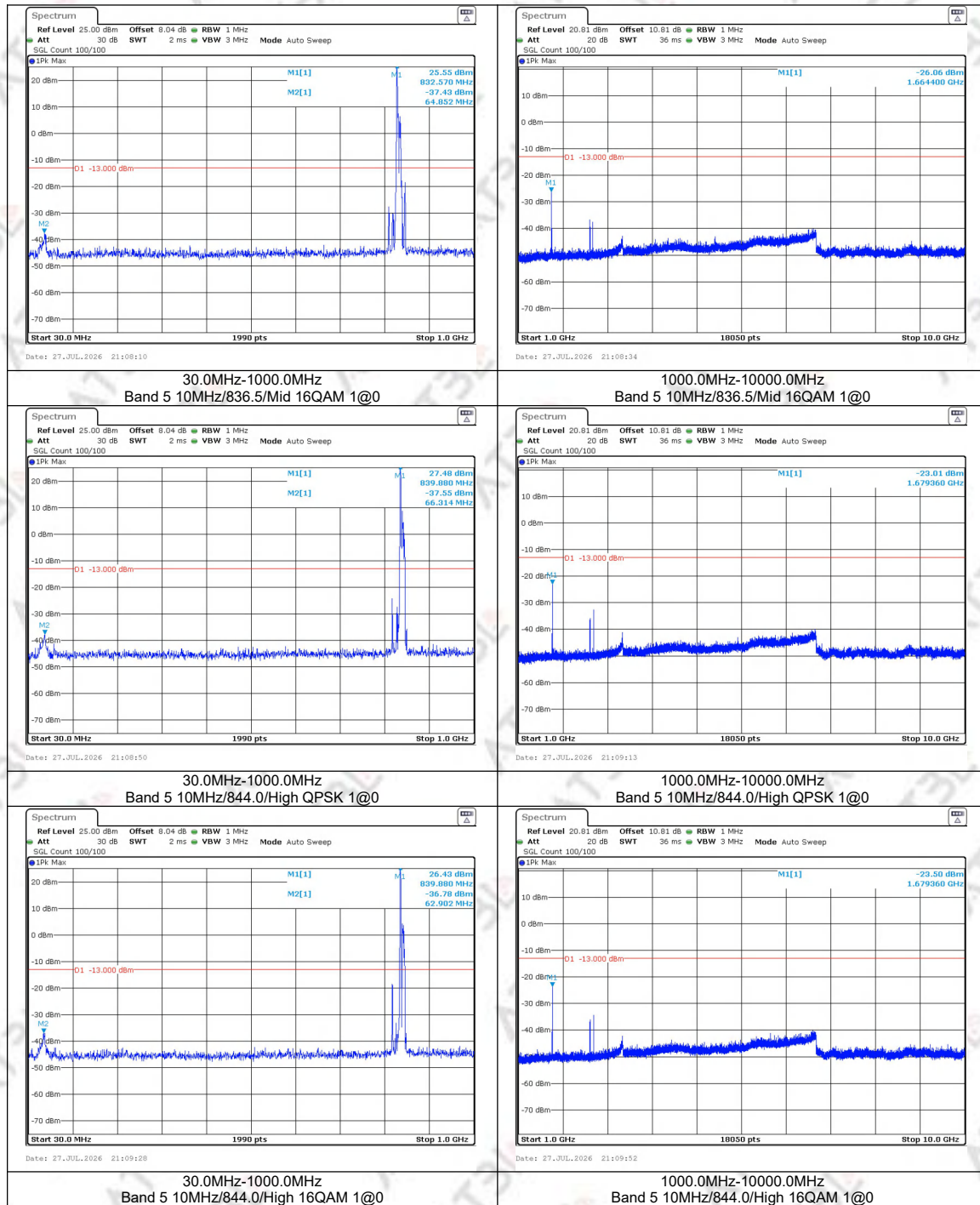












6.Frequency Stability-TN/VN

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	-1.36	-0.00165	±2.5	PASS	TN/VN
5	1.4	20407	824.7	16QAM	6@0	-30.04	-0.03643	±2.5	PASS	TN/VN
5	1.4	20525	836.5	QPSK	6@0	-10.07	-0.01204	±2.5	PASS	TN/VN
5	1.4	20525	836.5	16QAM	6@0	-17.51	-0.02093	±2.5	PASS	TN/VN
5	1.4	20643	848.3	QPSK	6@0	-3.16	-0.00373	±2.5	PASS	TN/VN
5	1.4	20643	848.3	16QAM	6@0	-12.07	-0.01423	±2.5	PASS	TN/VN
5	3.0	20415	825.5	QPSK	15@0	-6.64	-0.00804	±2.5	PASS	TN/VN
5	3.0	20415	825.5	16QAM	15@0	-38.52	-0.04667	±2.5	PASS	TN/VN
5	3.0	20525	836.5	QPSK	15@0	-16.79	-0.02008	±2.5	PASS	TN/VN
5	3.0	20525	836.5	16QAM	15@0	-29.64	-0.03543	±2.5	PASS	TN/VN
5	3.0	20635	847.5	QPSK	15@0	-11.23	-0.01325	±2.5	PASS	TN/VN
5	3.0	20635	847.5	16QAM	15@0	-20.86	-0.02461	±2.5	PASS	TN/VN
5	5.0	20425	826.5	QPSK	25@0	-5.59	-0.00677	±2.5	PASS	TN/VN
5	5.0	20425	826.5	16QAM	25@0	-37.31	-0.04514	±2.5	PASS	TN/VN
5	5.0	20525	836.5	QPSK	25@0	-15.08	-0.01802	±2.5	PASS	TN/VN
5	5.0	20525	836.5	16QAM	25@0	-26.99	-0.03227	±2.5	PASS	TN/VN
5	5.0	20625	846.5	QPSK	25@0	-0.83	-0.00098	±2.5	PASS	TN/VN
5	5.0	20625	846.5	16QAM	25@0	-10.71	-0.01266	±2.5	PASS	TN/VN
5	10.0	20450	829.0	QPSK	50@0	-6.62	-0.00799	±2.5	PASS	TN/VN
5	10.0	20450	829.0	16QAM	50@0	-48.79	-0.05886	±2.5	PASS	TN/VN
5	10.0	20525	836.5	QPSK	50@0	-13.09	-0.01565	±2.5	PASS	TN/VN
5	10.0	20525	836.5	16QAM	50@0	-28.32	-0.03386	±2.5	PASS	TN/VN
5	10.0	20600	844.0	QPSK	50@0	-4.76	-0.00564	±2.5	PASS	TN/VN
5	10.0	20600	844.0	16QAM	50@0	-17.25	-0.02044	±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	-5.82	-0.00706	±2.5	PASS	TL/VN
5	1.4	20407	824.7	16QAM	6@0	-33.99	-0.04121	±2.5	PASS	TL/VN
5	1.4	20525	836.5	QPSK	6@0	-12.2	-0.01459	±2.5	PASS	TL/VN
5	1.4	20525	836.5	16QAM	6@0	-19.97	-0.02387	±2.5	PASS	TL/VN
5	1.4	20643	848.3	QPSK	6@0	-2.23	-0.00263	±2.5	PASS	TL/VN
5	1.4	20643	848.3	16QAM	6@0	-19.44	-0.02292	±2.5	PASS	TL/VN
5	3.0	20415	825.5	QPSK	15@0	4.45	0.00539	±2.5	PASS	TL/VN
5	3.0	20415	825.5	16QAM	15@0	-20.17	-0.02443	±2.5	PASS	TL/VN
5	3.0	20525	836.5	QPSK	15@0	-10.93	-0.01307	±2.5	PASS	TL/VN
5	3.0	20525	836.5	16QAM	15@0	-18.34	-0.02192	±2.5	PASS	TL/VN
5	3.0	20635	847.5	QPSK	15@0	-8.38	-0.00989	±2.5	PASS	TL/VN
5	3.0	20635	847.5	16QAM	15@0	-21.39	-0.02523	±2.5	PASS	TL/VN
5	5.0	20425	826.5	QPSK	25@0	12.97	0.0157	±2.5	PASS	TL/VN
5	5.0	20425	826.5	16QAM	25@0	-9.48	-0.01148	±2.5	PASS	TL/VN
5	5.0	20525	836.5	QPSK	25@0	-8.2	-0.0098	±2.5	PASS	TL/VN
5	5.0	20525	836.5	16QAM	25@0	-16.85	-0.02015	±2.5	PASS	TL/VN
5	5.0	20625	846.5	QPSK	25@0	-3.82	-0.00451	±2.5	PASS	TL/VN
5	5.0	20625	846.5	16QAM	25@0	-15.23	-0.018	±2.5	PASS	TL/VN
5	10.0	20450	829.0	QPSK	50@0	23.76	0.02866	±2.5	PASS	TL/VN
5	10.0	20450	829.0	16QAM	50@0	-20.53	-0.02476	±2.5	PASS	TL/VN
5	10.0	20525	836.5	QPSK	50@0	-15.16	-0.01813	±2.5	PASS	TL/VN
5	10.0	20525	836.5	16QAM	50@0	-35.79	-0.04279	±2.5	PASS	TL/VN
5	10.0	20600	844.0	QPSK	50@0	-12.5	-0.01481	±2.5	PASS	TL/VN
5	10.0	20600	844.0	16QAM	50@0	-32.34	-0.03832	±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	-14.75	-0.01788	±2.5	PASS	TH/VH
5	1.4	20407	824.7	16QAM	6@0	-49.44	-0.05995	±2.5	PASS	TH/VH
5	1.4	20525	836.5	QPSK	6@0	-17.74	-0.02121	±2.5	PASS	TH/VH
5	1.4	20525	836.5	16QAM	6@0	-23.05	-0.02755	±2.5	PASS	TH/VH
5	1.4	20643	848.3	QPSK	6@0	-4.32	-0.00509	±2.5	PASS	TH/VH
5	1.4	20643	848.3	16QAM	6@0	-20.1	-0.02369	±2.5	PASS	TH/VH
5	3.0	20415	825.5	QPSK	15@0	36.92	0.04473	±2.5	PASS	TH/VH
5	3.0	20415	825.5	16QAM	15@0	-11.74	-0.01423	±2.5	PASS	TH/VH
5	3.0	20525	836.5	QPSK	15@0	-20.94	-0.02504	±2.5	PASS	TH/VH
5	3.0	20525	836.5	16QAM	15@0	-36.28	-0.04337	±2.5	PASS	TH/VH
5	3.0	20635	847.5	QPSK	15@0	-5.06	-0.00598	±2.5	PASS	TH/VH
5	3.0	20635	847.5	16QAM	15@0	-24.63	-0.02907	±2.5	PASS	TH/VH
5	5.0	20425	826.5	QPSK	25@0	22.72	0.02749	±2.5	PASS	TH/VH
5	5.0	20425	826.5	16QAM	25@0	-29.07	-0.03517	±2.5	PASS	TH/VH
5	5.0	20525	836.5	QPSK	25@0	-17.98	-0.0215	±2.5	PASS	TH/VH
5	5.0	20525	836.5	16QAM	25@0	-37.29	-0.04458	±2.5	PASS	TH/VH
5	5.0	20625	846.5	QPSK	25@0	-10.46	-0.01235	±2.5	PASS	TH/VH
5	5.0	20625	846.5	16QAM	25@0	-26.56	-0.03138	±2.5	PASS	TH/VH
5	10.0	20450	829.0	QPSK	50@0	10.81	0.01305	±2.5	PASS	TH/VH
5	10.0	20450	829.0	16QAM	50@0	-18.2	-0.02195	±2.5	PASS	TH/VH
5	10.0	20525	836.5	QPSK	50@0	-10.19	-0.01218	±2.5	PASS	TH/VH
5	10.0	20525	836.5	16QAM	50@0	-23.62	-0.02823	±2.5	PASS	TH/VH
5	10.0	20600	844.0	QPSK	50@0	2.03	0.00241	±2.5	PASS	TH/VH
5	10.0	20600	844.0	16QAM	50@0	-10.99	-0.01302	±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	-11.86	-0.01438	±2.5	PASS	TH/VL
5	1.4	20407	824.7	16QAM	6@0	-42.2	-0.05117	±2.5	PASS	TH/VL
5	1.4	20525	836.5	QPSK	6@0	-11.53	-0.01378	±2.5	PASS	TH/VL
5	1.4	20525	836.5	16QAM	6@0	-18.15	-0.0217	±2.5	PASS	TH/VL
5	1.4	20643	848.3	QPSK	6@0	-10.54	-0.01243	±2.5	PASS	TH/VL
5	1.4	20643	848.3	16QAM	6@0	-28.08	-0.0331	±2.5	PASS	TH/VL
5	3.0	20415	825.5	QPSK	15@0	6.27	0.00759	±2.5	PASS	TH/VL
5	3.0	20415	825.5	16QAM	15@0	-19.68	-0.02384	±2.5	PASS	TH/VL
5	3.0	20525	836.5	QPSK	15@0	-13.83	-0.01654	±2.5	PASS	TH/VL
5	3.0	20525	836.5	16QAM	15@0	-21.39	-0.02557	±2.5	PASS	TH/VL
5	3.0	20635	847.5	QPSK	15@0	-1.72	-0.00203	±2.5	PASS	TH/VL
5	3.0	20635	847.5	16QAM	15@0	-17.35	-0.02047	±2.5	PASS	TH/VL
5	5.0	20425	826.5	QPSK	25@0	25.94	0.03138	±2.5	PASS	TH/VL
5	5.0	20425	826.5	16QAM	25@0	-19.07	-0.02307	±2.5	PASS	TH/VL
5	5.0	20525	836.5	QPSK	25@0	-24.66	-0.02948	±2.5	PASS	TH/VL
5	5.0	20525	836.5	16QAM	25@0	-45.09	-0.0539	±2.5	PASS	TH/VL
5	5.0	20625	846.5	QPSK	25@0	-6.29	-0.00744	±2.5	PASS	TH/VL
5	5.0	20625	846.5	16QAM	25@0	-21.46	-0.02535	±2.5	PASS	TH/VL
5	10.0	20450	829.0	QPSK	50@0	21.09	0.02544	±2.5	PASS	TH/VL
5	10.0	20450	829.0	16QAM	50@0	-35.69	-0.04305	±2.5	PASS	TH/VL
5	10.0	20525	836.5	QPSK	50@0	-27.27	-0.03259	±2.5	PASS	TH/VL
5	10.0	20525	836.5	16QAM	50@0	-1.23	-0.00147	±2.5	PASS	TH/VL
5	10.0	20600	844.0	QPSK	50@0	-5.89	-0.00698	±2.5	PASS	TH/VL
5	10.0	20600	844.0	16QAM	50@0	-22.92	-0.02715	±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	-4.18	-0.00506	±2.5	PASS	TH/VN
5	1.4	20407	824.7	16QAM	6@0	-32.64	-0.03958	±2.5	PASS	TH/VN
5	1.4	20525	836.5	QPSK	6@0	-13.86	-0.01657	±2.5	PASS	TH/VN
5	1.4	20525	836.5	16QAM	6@0	-18.44	-0.02204	±2.5	PASS	TH/VN
5	1.4	20643	848.3	QPSK	6@0	0.26	0.0003	±2.5	PASS	TH/VN
5	1.4	20643	848.3	16QAM	6@0	-11.1	-0.01309	±2.5	PASS	TH/VN
5	3.0	20415	825.5	QPSK	15@0	28.98	0.03511	±2.5	PASS	TH/VN
5	3.0	20415	825.5	16QAM	15@0	-27.07	-0.03279	±2.5	PASS	TH/VN
5	3.0	20525	836.5	QPSK	15@0	-27.19	-0.03251	±2.5	PASS	TH/VN
5	3.0	20525	836.5	16QAM	15@0	-44.56	-0.05327	±2.5	PASS	TH/VN
5	3.0	20635	847.5	QPSK	15@0	-13.03	-0.01538	±2.5	PASS	TH/VN
5	3.0	20635	847.5	16QAM	15@0	-32.66	-0.03854	±2.5	PASS	TH/VN
5	5.0	20425	826.5	QPSK	25@0	12.6	0.01525	±2.5	PASS	TH/VN
5	5.0	20425	826.5	16QAM	25@0	-22.47	-0.02719	±2.5	PASS	TH/VN
5	5.0	20525	836.5	QPSK	25@0	-17.65	-0.0211	±2.5	PASS	TH/VN
5	5.0	20525	836.5	16QAM	25@0	-22.33	-0.02669	±2.5	PASS	TH/VN
5	5.0	20625	846.5	QPSK	25@0	-2.75	-0.00324	±2.5	PASS	TH/VN
5	5.0	20625	846.5	16QAM	25@0	-12.86	-0.01519	±2.5	PASS	TH/VN
5	10.0	20450	829.0	QPSK	50@0	7.9	0.00953	±2.5	PASS	TH/VN
5	10.0	20450	829.0	16QAM	50@0	-23.45	-0.02828	±2.5	PASS	TH/VN
5	10.0	20525	836.5	QPSK	50@0	-13.22	-0.0158	±2.5	PASS	TH/VN
5	10.0	20525	836.5	16QAM	50@0	-23.69	-0.02832	±2.5	PASS	TH/VN
5	10.0	20600	844.0	QPSK	50@0	-1.89	-0.00224	±2.5	PASS	TH/VN
5	10.0	20600	844.0	16QAM	50@0	-8.13	-0.00963	±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	-19.81	-0.02402	±2.5	PASS	TL/VH
5	1.4	20407	824.7	16QAM	6@0	-6.67	-0.00808	±2.5	PASS	TL/VH
5	1.4	20525	836.5	QPSK	6@0	-17.32	-0.02071	±2.5	PASS	TL/VH
5	1.4	20525	836.5	16QAM	6@0	-30.64	-0.03663	±2.5	PASS	TL/VH
5	1.4	20643	848.3	QPSK	6@0	-10.54	-0.01243	±2.5	PASS	TL/VH
5	1.4	20643	848.3	16QAM	6@0	-29.13	-0.03433	±2.5	PASS	TL/VH
5	3.0	20415	825.5	QPSK	15@0	10.07	0.0122	±2.5	PASS	TL/VH
5	3.0	20415	825.5	16QAM	15@0	-28.72	-0.0348	±2.5	PASS	TL/VH
5	3.0	20525	836.5	QPSK	15@0	-22.96	-0.02745	±2.5	PASS	TL/VH
5	3.0	20525	836.5	16QAM	15@0	-37.11	-0.04436	±2.5	PASS	TL/VH
5	3.0	20635	847.5	QPSK	15@0	-5.79	-0.00684	±2.5	PASS	TL/VH
5	3.0	20635	847.5	16QAM	15@0	-22.53	-0.02658	±2.5	PASS	TL/VH
5	5.0	20425	826.5	QPSK	25@0	14.02	0.01696	±2.5	PASS	TL/VH
5	5.0	20425	826.5	16QAM	25@0	-44.46	-0.05379	±2.5	PASS	TL/VH
5	5.0	20525	836.5	QPSK	25@0	-29.8	-0.03562	±2.5	PASS	TL/VH
5	5.0	20525	836.5	16QAM	25@0	-1.49	-0.00178	±2.5	PASS	TL/VH
5	5.0	20625	846.5	QPSK	25@0	-10.47	-0.01237	±2.5	PASS	TL/VH
5	5.0	20625	846.5	16QAM	25@0	-31.96	-0.03775	±2.5	PASS	TL/VH
5	10.0	20450	829.0	QPSK	50@0	32.43	0.03912	±2.5	PASS	TL/VH
5	10.0	20450	829.0	16QAM	50@0	-9.37	-0.0113	±2.5	PASS	TL/VH
5	10.0	20525	836.5	QPSK	50@0	-20.33	-0.0243	±2.5	PASS	TL/VH
5	10.0	20525	836.5	16QAM	50@0	-34.1	-0.04077	±2.5	PASS	TL/VH
5	10.0	20600	844.0	QPSK	50@0	-4.76	-0.00564	±2.5	PASS	TL/VH
5	10.0	20600	844.0	16QAM	50@0	-16.04	-0.019	±2.5	PASS	TL/VH

Frequency Stability-TL/VL

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
25	1.4	26047	1850.7	QPSK	6@0	-13.23	-0.00715	±2.5	PASS	TL/VL
25	1.4	26047	1850.7	16QAM	6@0	-45.88	-0.02479	±2.5	PASS	TL/VL
25	1.4	26365	1882.5	QPSK	6@0	-22.77	-0.0121	±2.5	PASS	TL/VL
25	1.4	26365	1882.5	16QAM	6@0	-14.62	-0.00777	±2.5	PASS	TL/VL
25	1.4	26683	1914.3	QPSK	6@0	-19.2	-0.01003	±2.5	PASS	TL/VL
25	1.4	26683	1914.3	16QAM	6@0	-30.48	-0.01592	±2.5	PASS	TL/VL
25	3.0	26055	1851.5	QPSK	15@0	33.6	0.01815	±2.5	PASS	TL/VL
25	3.0	26055	1851.5	16QAM	15@0	-43.57	-0.02353	±2.5	PASS	TL/VL
25	3.0	26365	1882.5	QPSK	15@0	5.75	0.00305	±2.5	PASS	TL/VL
25	3.0	26365	1882.5	16QAM	15@0	-13.66	-0.00726	±2.5	PASS	TL/VL
25	3.0	26675	1913.5	QPSK	15@0	-19.78	-0.01034	±2.5	PASS	TL/VL
25	3.0	26675	1913.5	16QAM	15@0	-11.13	-0.00582	±2.5	PASS	TL/VL
25	5.0	26065	1852.5	QPSK	25@0	28.98	0.01564	±2.5	PASS	TL/VL
25	5.0	26065	1852.5	16QAM	25@0	-42.54	-0.02297	±2.5	PASS	TL/VL
25	5.0	26365	1882.5	QPSK	25@0	-41.3	-0.02194	±2.5	PASS	TL/VL
25	5.0	26365	1882.5	16QAM	25@0	-27.17	-0.01443	±2.5	PASS	TL/VL
25	5.0	26665	1912.5	QPSK	25@0	-27.19	-0.01422	±2.5	PASS	TL/VL
25	5.0	26665	1912.5	16QAM	25@0	-55.95	-0.02925	±2.5	PASS	TL/VL
25	10.0	26090	1855.0	QPSK	50@0	17.28	0.00932	±2.5	PASS	TL/VL
25	10.0	26090	1855.0	16QAM	50@0	-42.09	-0.02269	±2.5	PASS	TL/VL
25	10.0	26365	1882.5	QPSK	50@0	12.06	0.00641	±2.5	PASS	TL/VL
25	10.0	26365	1882.5	16QAM	50@0	-3.85	-0.00204	±2.5	PASS	TL/VL
25	10.0	26640	1910.0	QPSK	50@0	2.85	0.00149	±2.5	PASS	TL/VL
25	10.0	26640	1910.0	16QAM	50@0	-26.62	-0.01394	±2.5	PASS	TL/VL
25	15.0	26115	1857.5	QPSK	75@0	23.82	0.01282	±2.5	PASS	TL/VL
25	15.0	26115	1857.5	16QAM	75@0	-25.33	-0.01364	±2.5	PASS	TL/VL
25	15.0	26365	1882.5	QPSK	75@0	-32.24	-0.01713	±2.5	PASS	TL/VL
25	15.0	26365	1882.5	16QAM	75@0	-12.65	-0.00672	±2.5	PASS	TL/VL
25	15.0	26615	1907.5	QPSK	75@0	0.92	0.00048	±2.5	PASS	TL/VL
25	15.0	26615	1907.5	16QAM	75@0	-2.86	-0.0015	±2.5	PASS	TL/VL
25	20.0	26140	1860.0	QPSK	100@0	-48.32	-0.02598	±2.5	PASS	TL/VL
25	20.0	26140	1860.0	16QAM	100@0	-23.16	-0.01245	±2.5	PASS	TL/VL
25	20.0	26365	1882.5	QPSK	100@0	-3.12	-0.00166	±2.5	PASS	TL/VL
25	20.0	26365	1882.5	16QAM	100@0	-9.6	-0.0051	±2.5	PASS	TL/VL
25	20.0	26590	1905.0	QPSK	100@0	-1.65	-0.00086	±2.5	PASS	TL/VL
25	20.0	26590	1905.0	16QAM	100@0	-0.93	-0.00049	±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	-24.96	-0.03027	±2.5	PASS	TN/VH
5	1.4	20407	824.7	16QAM	6@0	-28.68	-0.03478	±2.5	PASS	TN/VH
5	1.4	20525	836.5	QPSK	6@0	-33.26	-0.03976	±2.5	PASS	TN/VH
5	1.4	20525	836.5	16QAM	6@0	-11.76	-0.01406	±2.5	PASS	TN/VH
5	1.4	20643	848.3	QPSK	6@0	-12.52	-0.01476	±2.5	PASS	TN/VH
5	1.4	20643	848.3	16QAM	6@0	-46.38	-0.05467	±2.5	PASS	TN/VH
5	3.0	20415	825.5	QPSK	15@0	23.88	0.02892	±2.5	PASS	TN/VH
5	3.0	20415	825.5	16QAM	15@0	-14.09	-0.01707	±2.5	PASS	TN/VH
5	3.0	20525	836.5	QPSK	15@0	-48.62	-0.05813	±2.5	PASS	TN/VH
5	3.0	20525	836.5	16QAM	15@0	-42.24	-0.0505	±2.5	PASS	TN/VH
5	3.0	20635	847.5	QPSK	15@0	-19.77	-0.02333	±2.5	PASS	TN/VH
5	3.0	20635	847.5	16QAM	15@0	-12.03	-0.0142	±2.5	PASS	TN/VH
5	5.0	20425	826.5	QPSK	25@0	12.6	0.01525	±2.5	PASS	TN/VH
5	5.0	20425	826.5	16QAM	25@0	-35.28	-0.04268	±2.5	PASS	TN/VH
5	5.0	20525	836.5	QPSK	25@0	-25.51	-0.03049	±2.5	PASS	TN/VH
5	5.0	20525	836.5	16QAM	25@0	-39.67	-0.04742	±2.5	PASS	TN/VH
5	5.0	20625	846.5	QPSK	25@0	-7.85	-0.00928	±2.5	PASS	TN/VH
5	5.0	20625	846.5	16QAM	25@0	-26.12	-0.03086	±2.5	PASS	TN/VH
5	10.0	20450	829.0	QPSK	50@0	27.49	0.03317	±2.5	PASS	TN/VH
5	10.0	20450	829.0	16QAM	50@0	-1.96	-0.00236	±2.5	PASS	TN/VH
5	10.0	20525	836.5	QPSK	50@0	-41.96	-0.05016	±2.5	PASS	TN/VH
5	10.0	20525	836.5	16QAM	50@0	-39.58	-0.04732	±2.5	PASS	TN/VH
5	10.0	20600	844.0	QPSK	50@0	-17.22	-0.02041	±2.5	PASS	TN/VH
5	10.0	20600	844.0	16QAM	50@0	-43.4	-0.05142	±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	-12.93	-0.01568	±2.5	PASS	TN/VL
5	1.4	20407	824.7	16QAM	6@0	-44.16	-0.05355	±2.5	PASS	TN/VL
5	1.4	20525	836.5	QPSK	6@0	-15.72	-0.01879	±2.5	PASS	TN/VL
5	1.4	20525	836.5	16QAM	6@0	-17.91	-0.02141	±2.5	PASS	TN/VL
5	1.4	20643	848.3	QPSK	6@0	-0.6	-0.00071	±2.5	PASS	TN/VL
5	1.4	20643	848.3	16QAM	6@0	-10.11	-0.01192	±2.5	PASS	TN/VL
5	3.0	20415	825.5	QPSK	15@0	-38.65	-0.04682	±2.5	PASS	TN/VL
5	3.0	20415	825.5	16QAM	15@0	-29.15	-0.03532	±2.5	PASS	TN/VL
5	3.0	20525	836.5	QPSK	15@0	-12.9	-0.01543	±2.5	PASS	TN/VL
5	3.0	20525	836.5	16QAM	15@0	-22.47	-0.02687	±2.5	PASS	TN/VL
5	3.0	20635	847.5	QPSK	15@0	-26.72	-0.03153	±2.5	PASS	TN/VL
5	3.0	20635	847.5	16QAM	15@0	-25.73	-0.03037	±2.5	PASS	TN/VL
5	5.0	20425	826.5	QPSK	25@0	8.9	0.01077	±2.5	PASS	TN/VL
5	5.0	20425	826.5	16QAM	25@0	-34.32	-0.04152	±2.5	PASS	TN/VL
5	5.0	20525	836.5	QPSK	25@0	-49.64	-0.05934	±2.5	PASS	TN/VL
5	5.0	20525	836.5	16QAM	25@0	-43.77	-0.05233	±2.5	PASS	TN/VL
5	5.0	20625	846.5	QPSK	25@0	-15.71	-0.01856	±2.5	PASS	TN/VL
5	5.0	20625	846.5	16QAM	25@0	-8.81	-0.01041	±2.5	PASS	TN/VL
5	10.0	20450	829.0	QPSK	50@0	28.27	0.0341	±2.5	PASS	TN/VL
5	10.0	20450	829.0	16QAM	50@0	-50.07	-0.0604	±2.5	PASS	TN/VL
5	10.0	20525	836.5	QPSK	50@0	-39.53	-0.04725	±2.5	PASS	TN/VL
5	10.0	20525	836.5	16QAM	50@0	-37.71	-0.04508	±2.5	PASS	TN/VL
5	10.0	20600	844.0	QPSK	50@0	-14.23	-0.01686	±2.5	PASS	TN/VL
5	10.0	20600	844.0	16QAM	50@0	-43.83	-0.05193	±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

