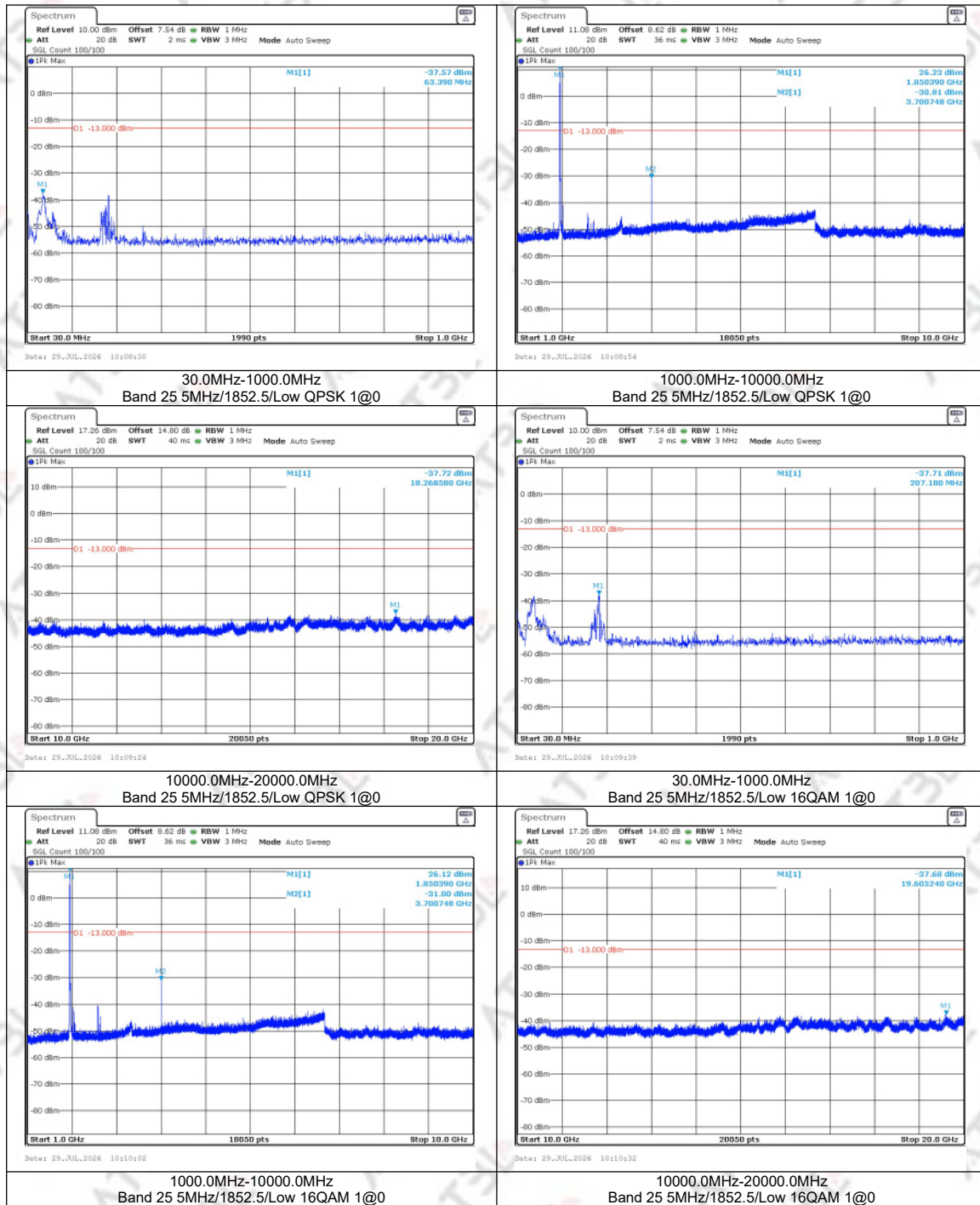
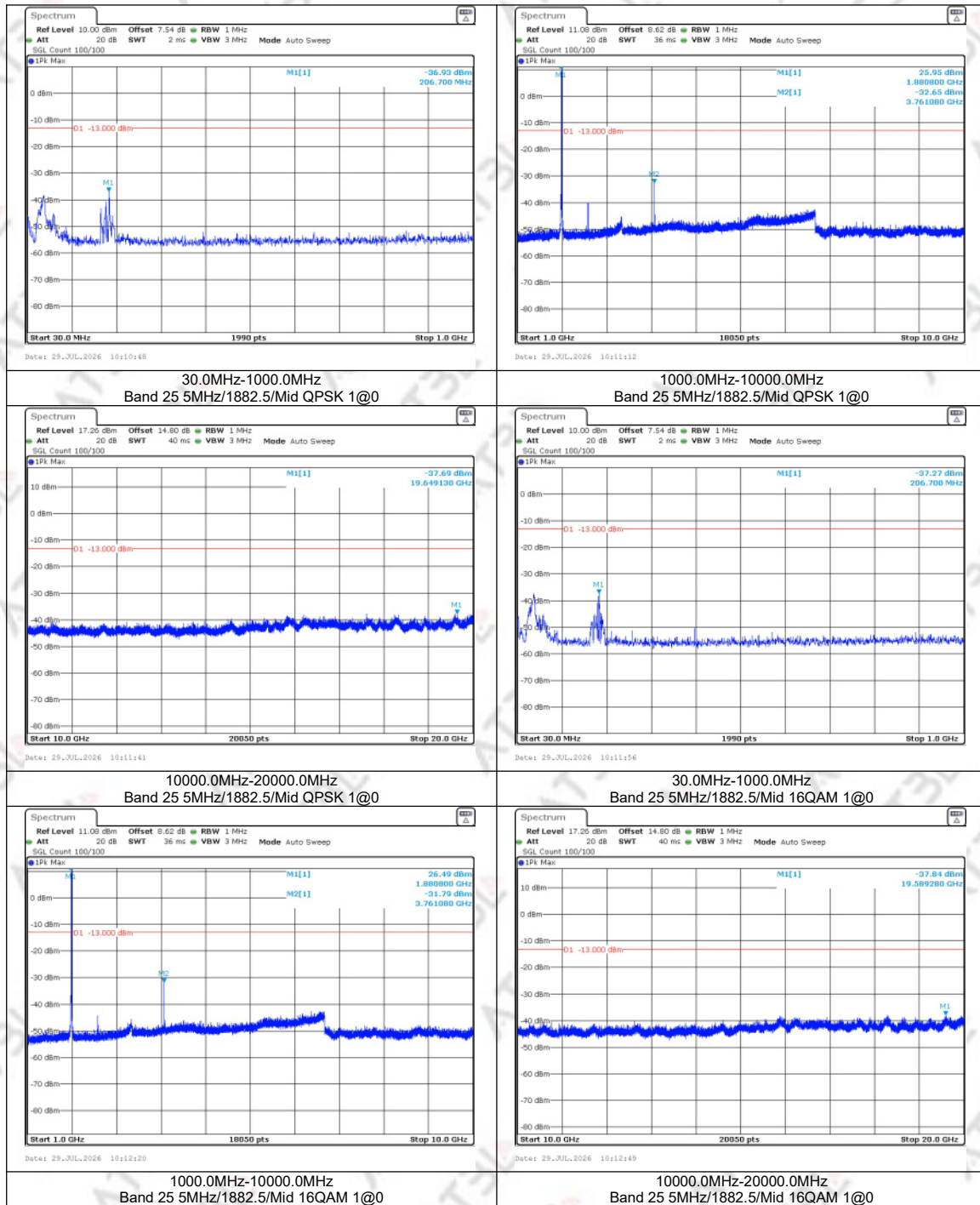
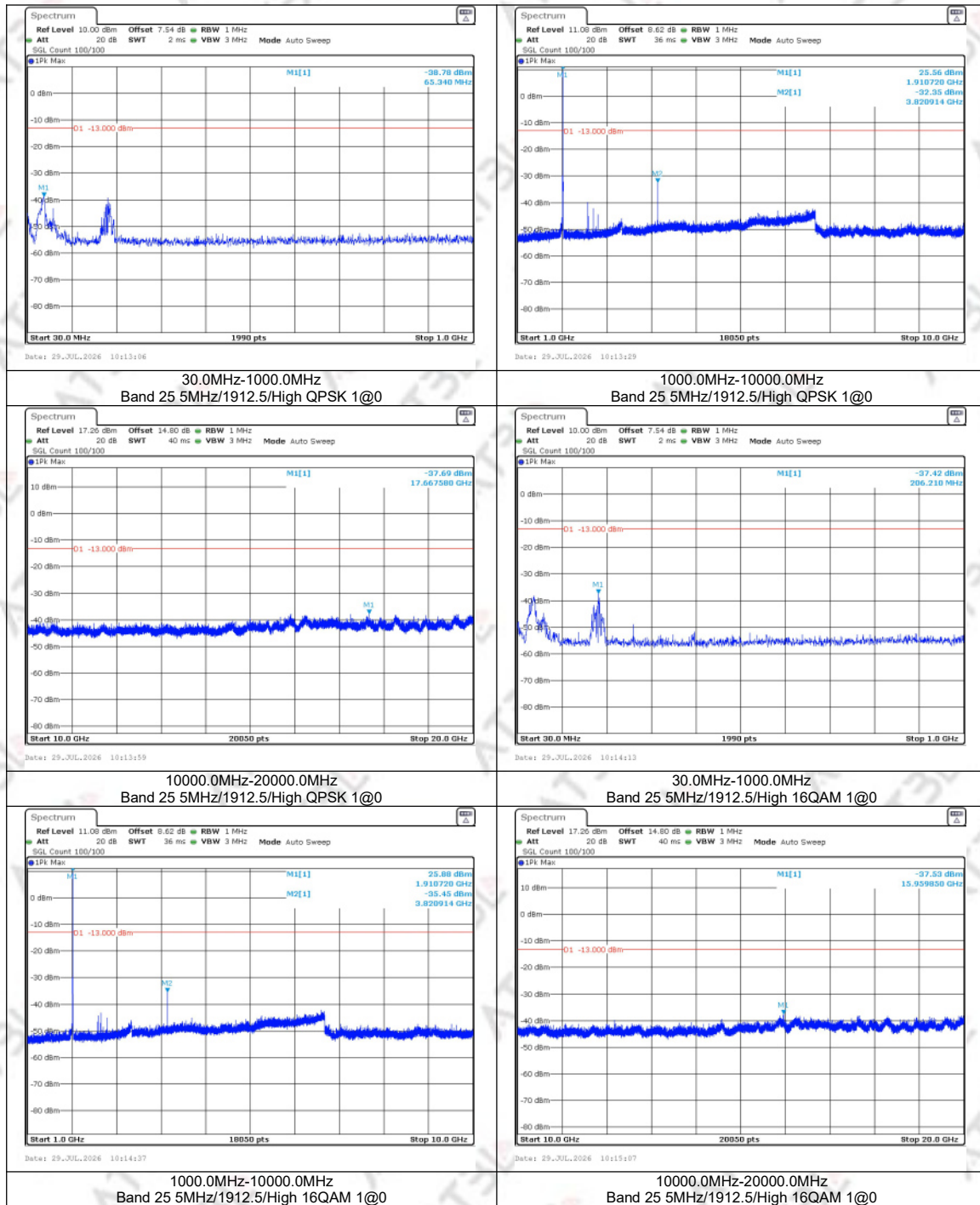
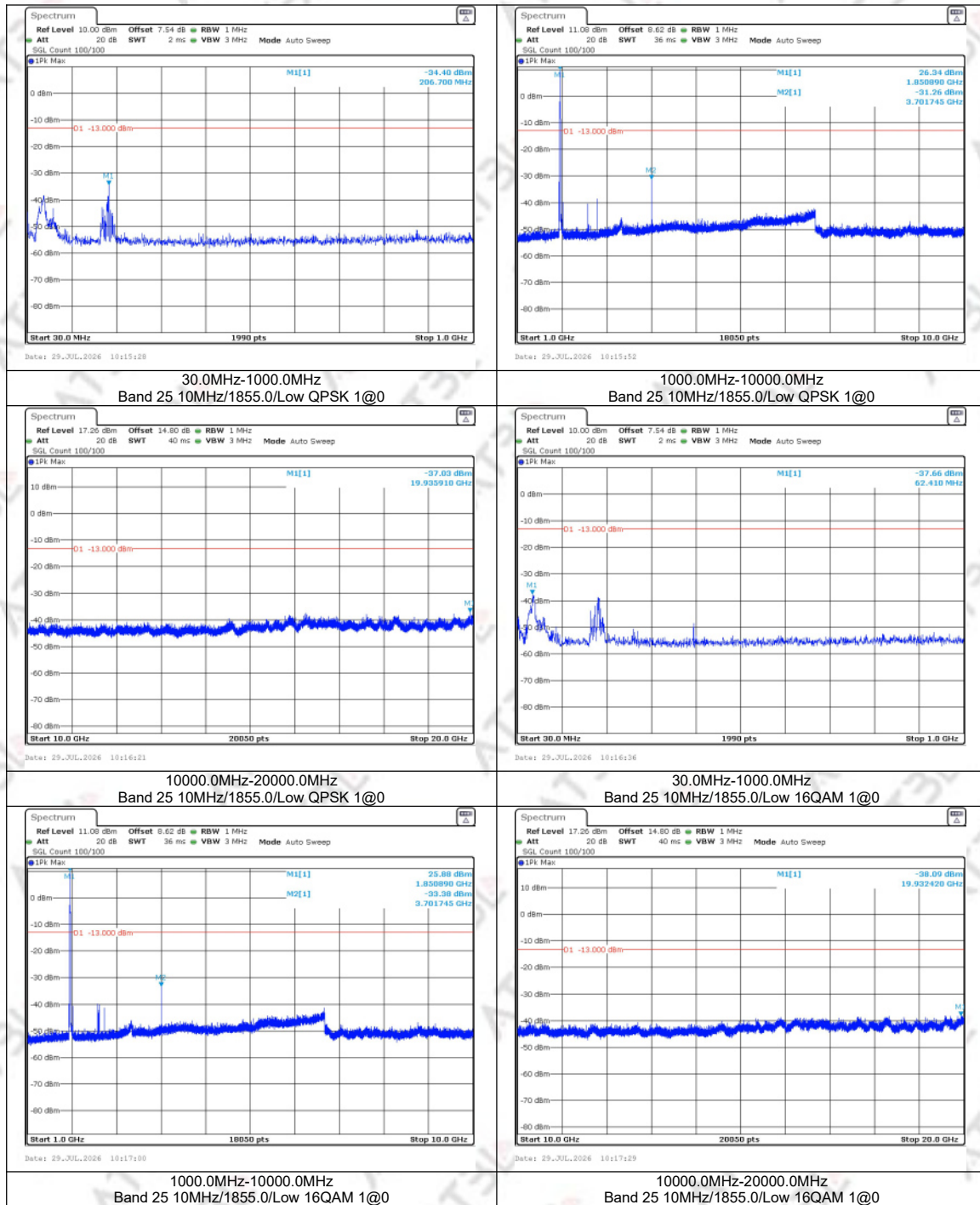
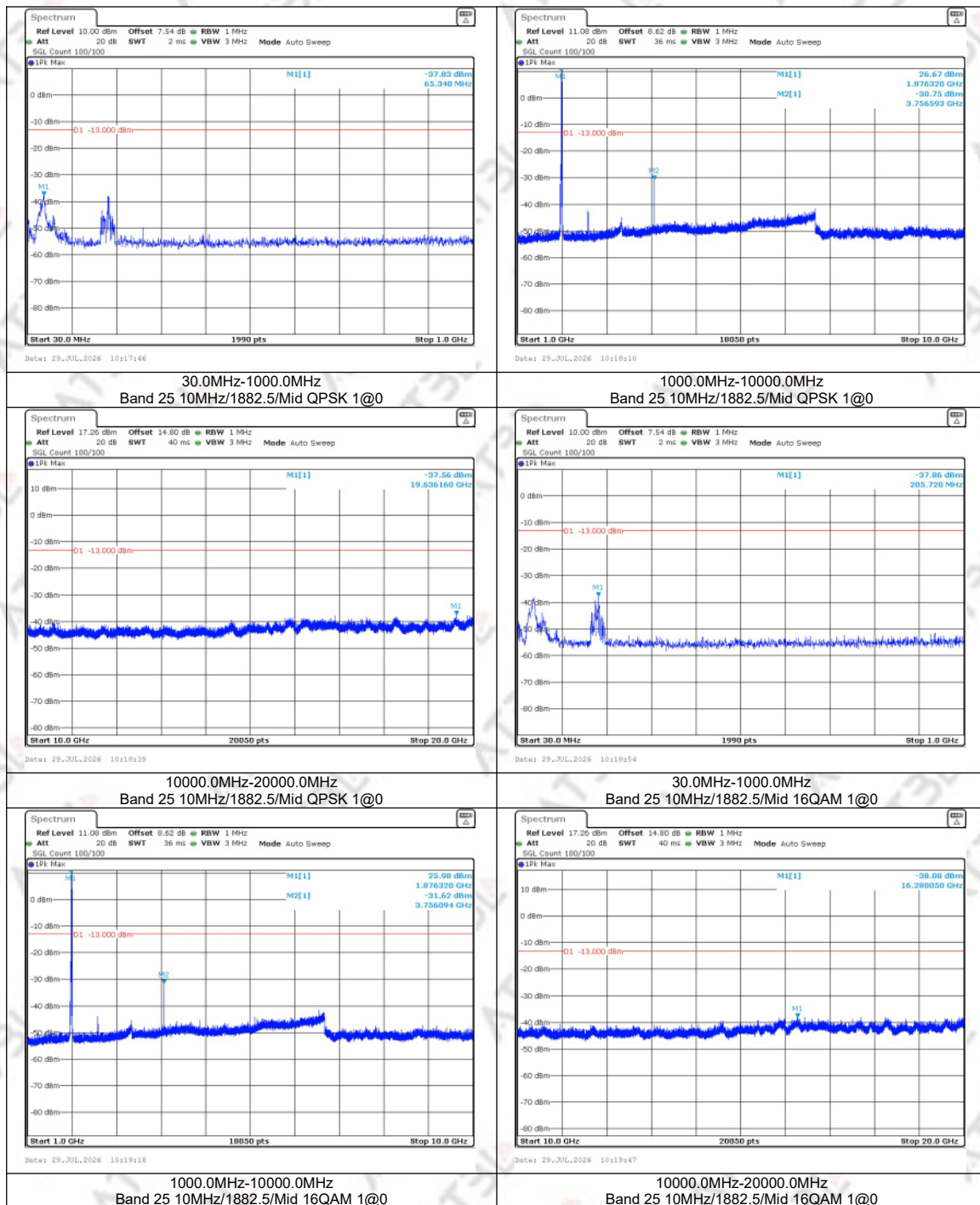


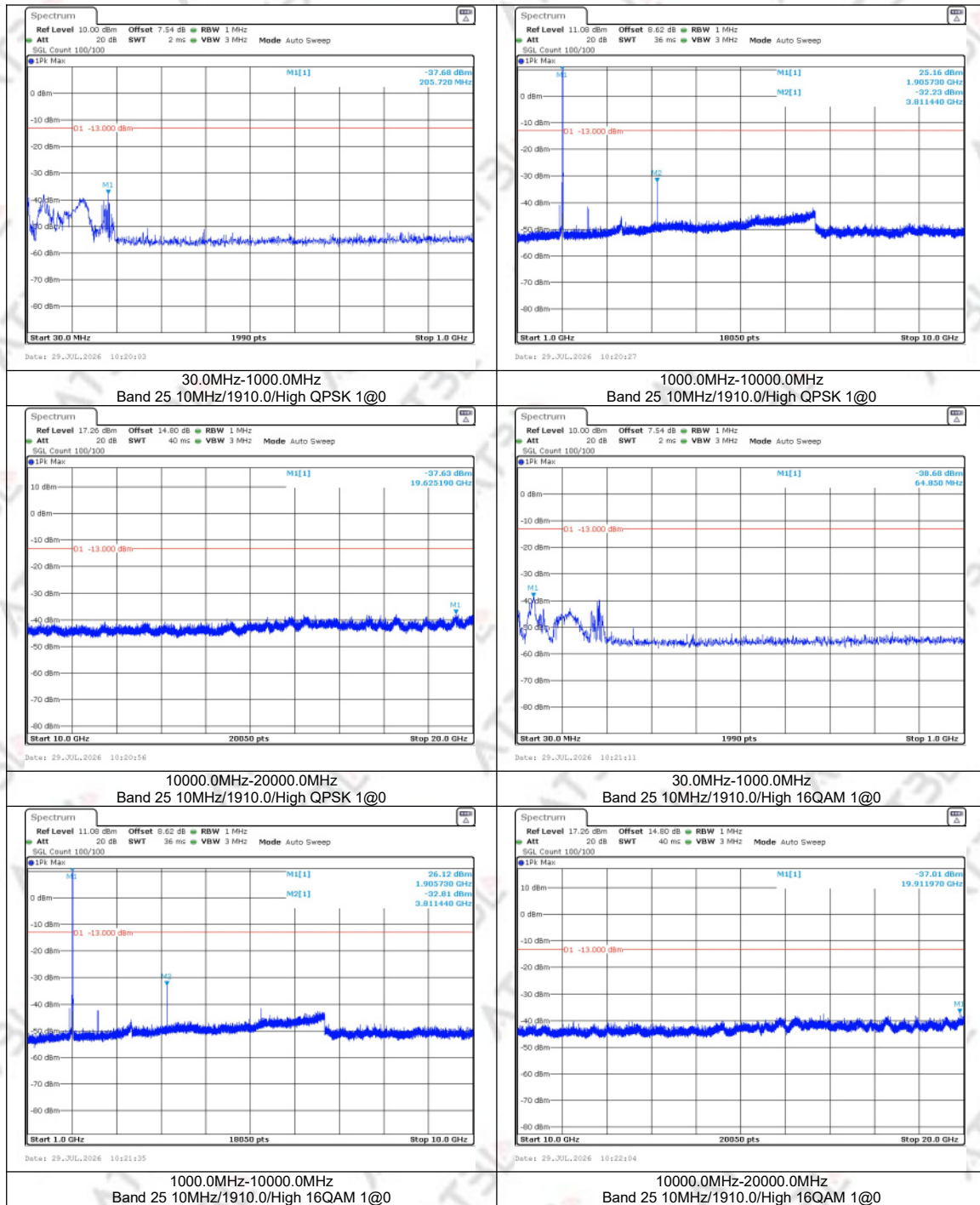


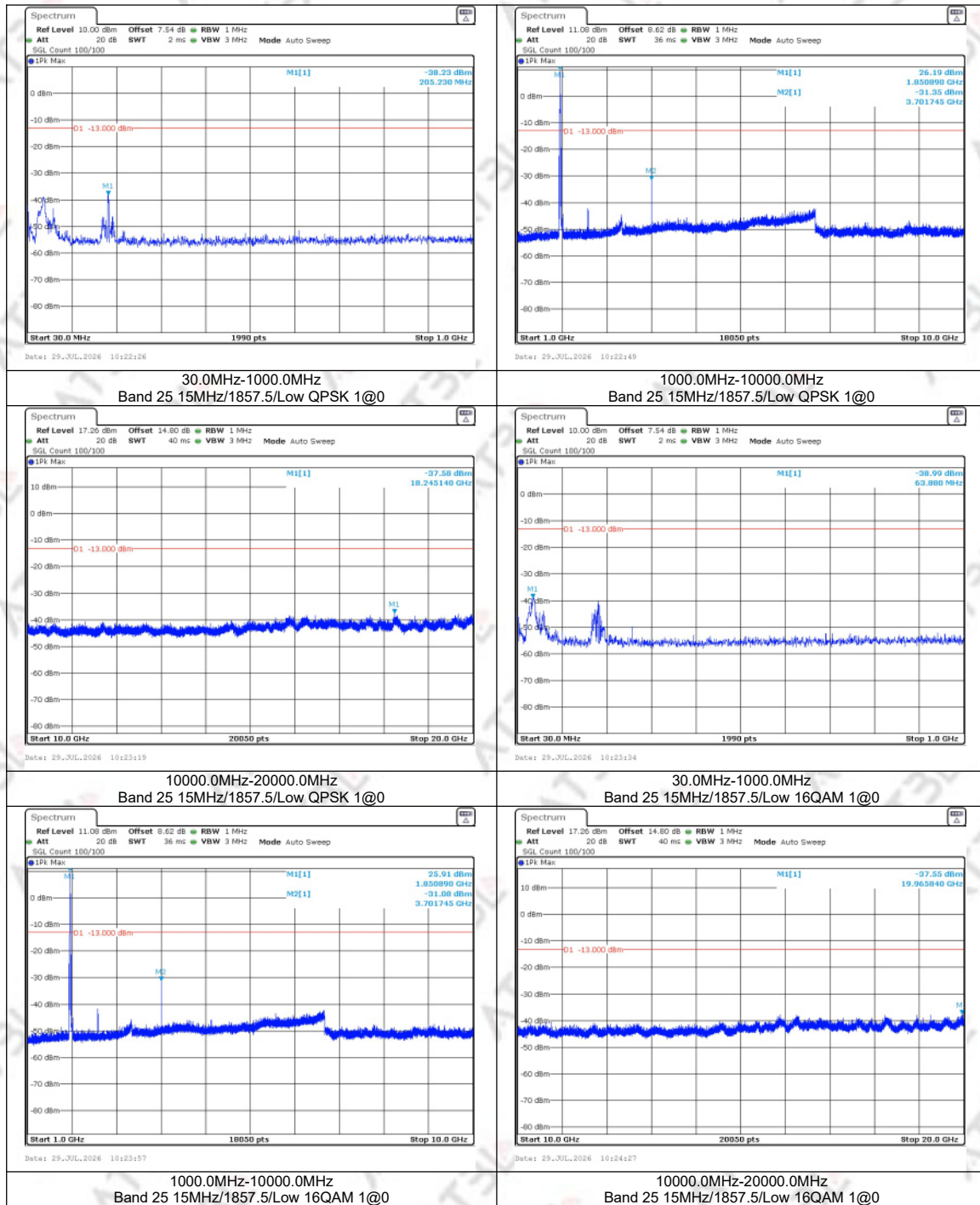


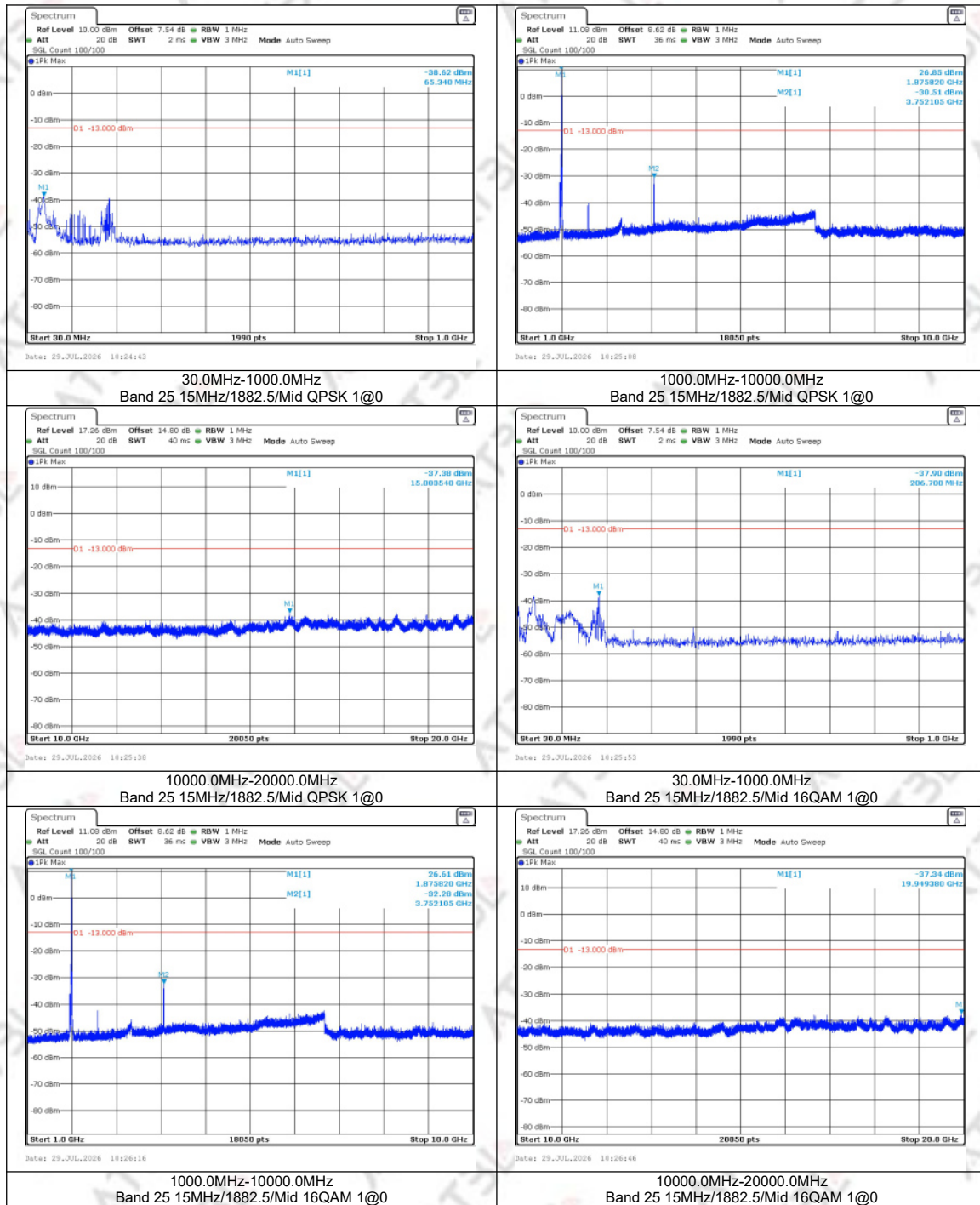


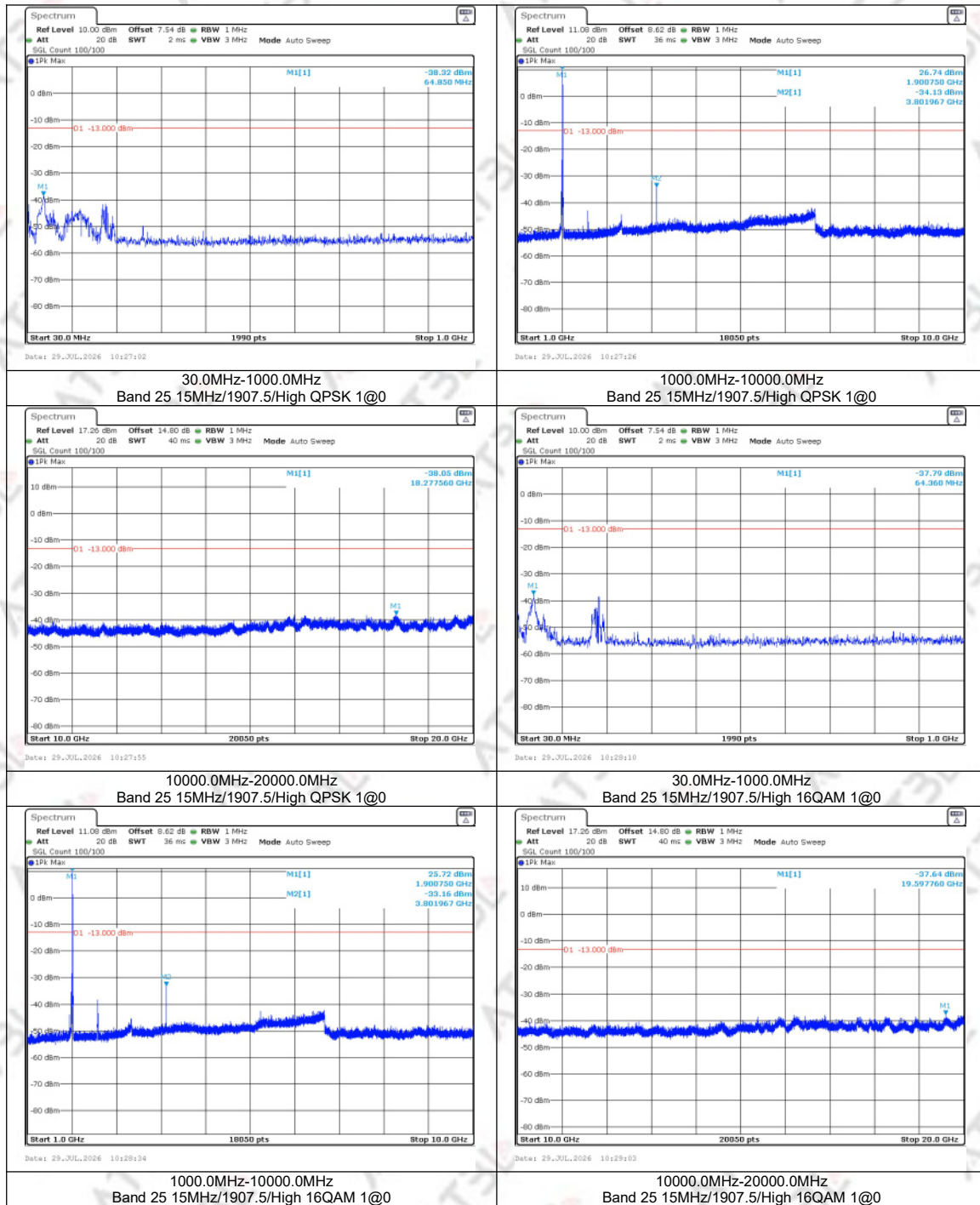


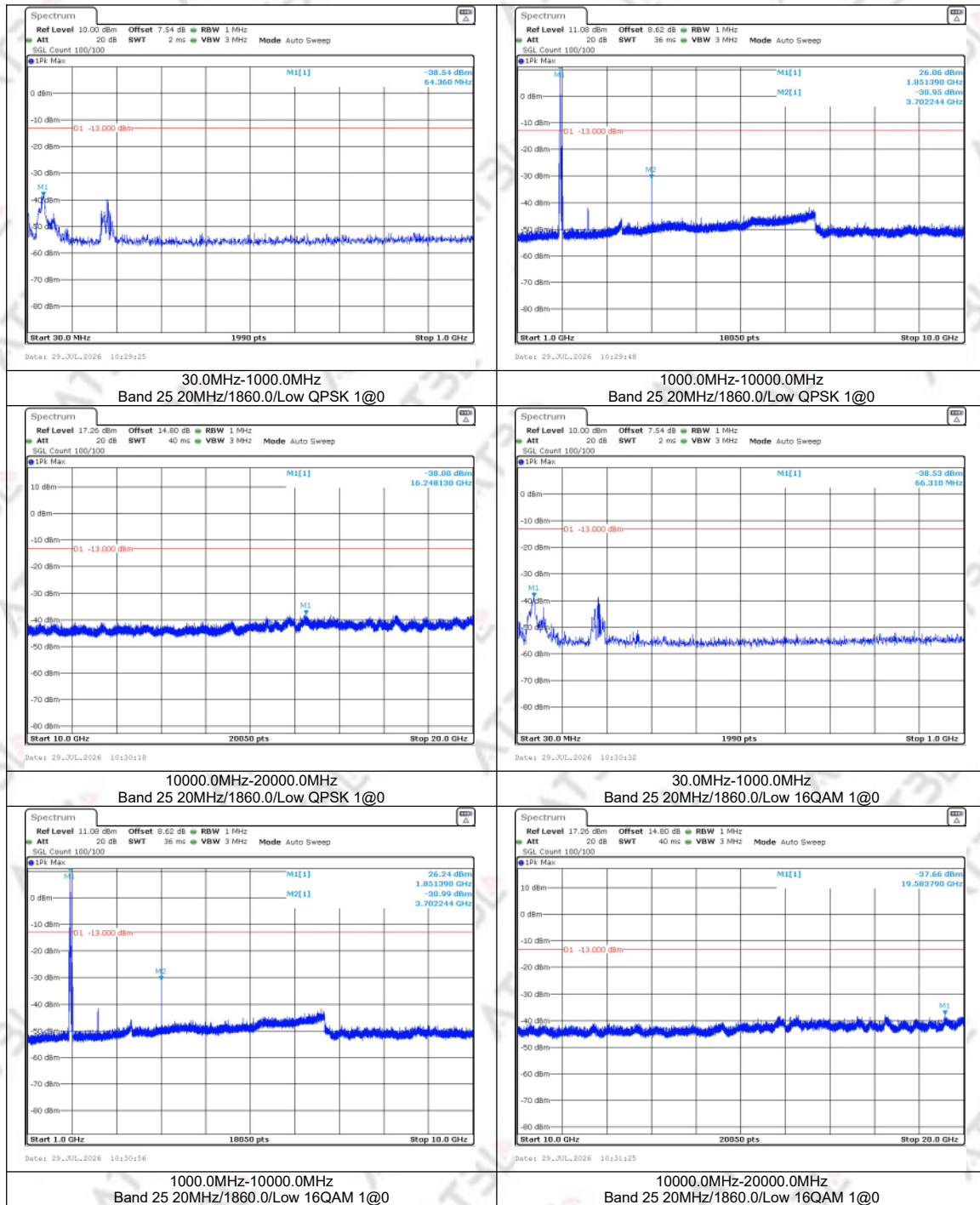


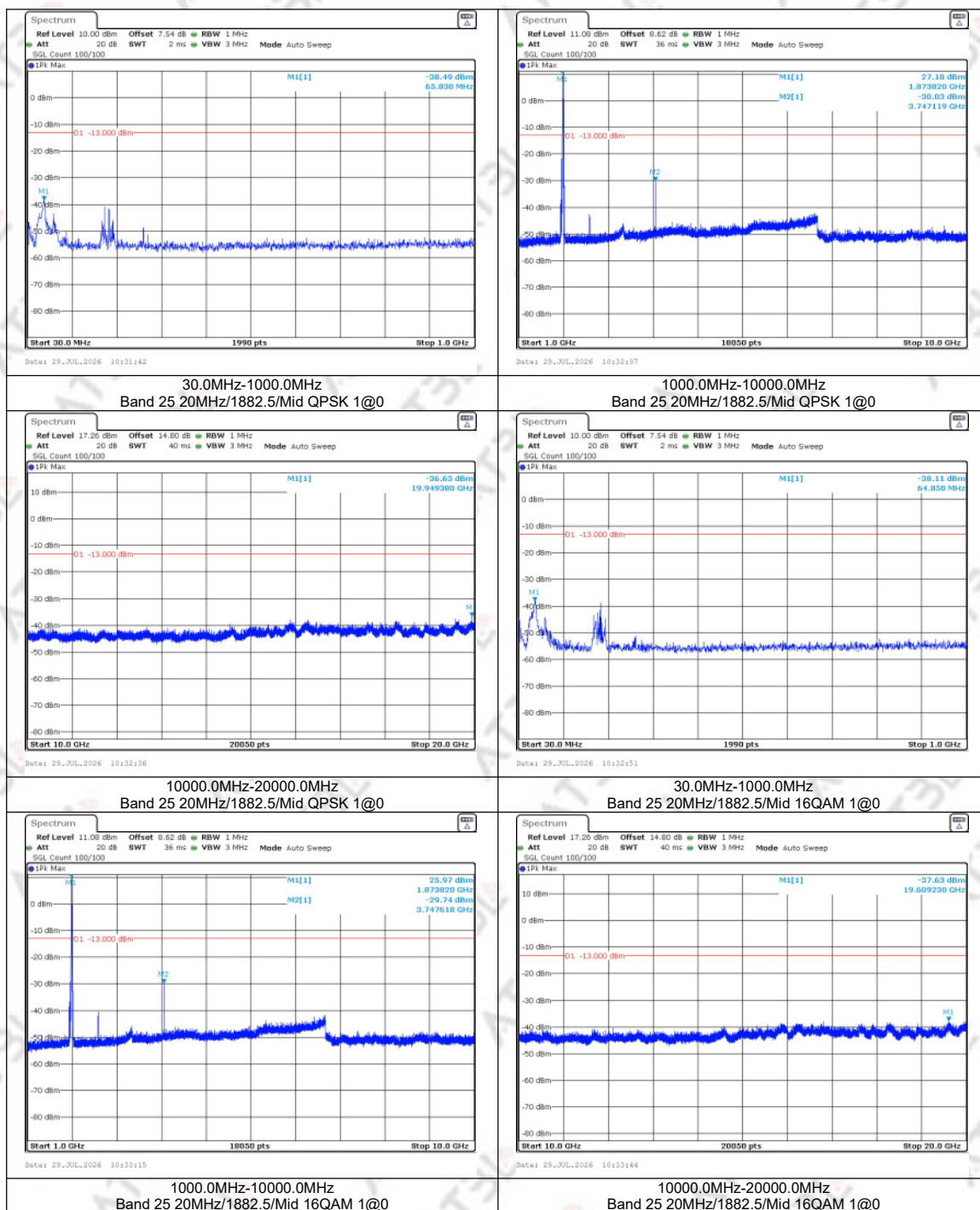


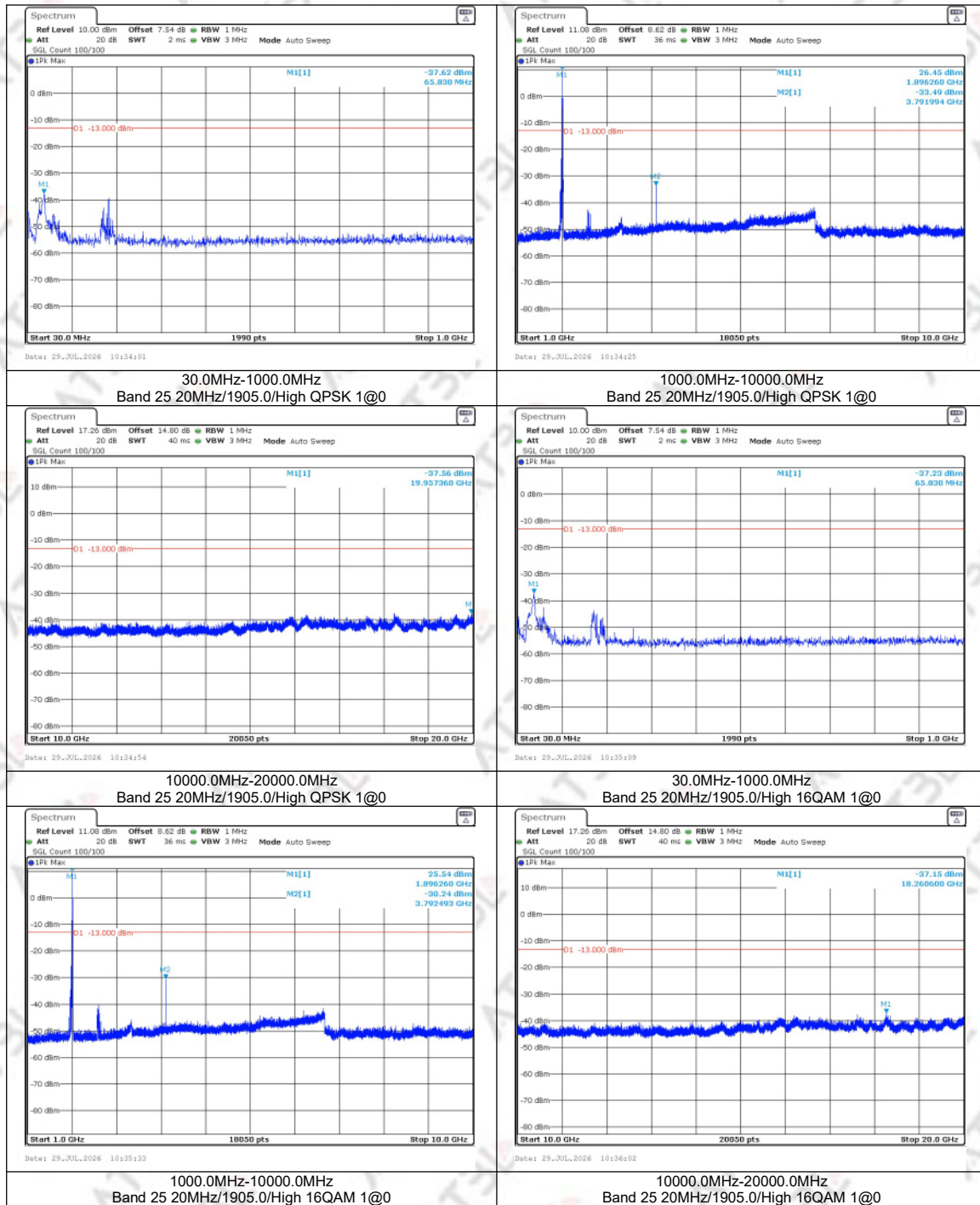












6.Frequency Stability-TN/VN

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	-34.9	-0.01886	±2.5	PASS	TN/VN
25	1.4	26047	1850.7	16QAM	6@0	2.92	0.00158	±2.5	PASS	TN/VN
25	1.4	26365	1882.5	QPSK	6@0	-31.89	-0.01694	±2.5	PASS	TN/VN
25	1.4	26365	1882.5	16QAM	6@0	-17.94	-0.00953	±2.5	PASS	TN/VN
25	1.4	26683	1914.3	QPSK	6@0	-3.4	-0.00178	±2.5	PASS	TN/VN
25	1.4	26683	1914.3	16QAM	6@0	-37.26	-0.01947	±2.5	PASS	TN/VN
25	3.0	26055	1851.5	QPSK	15@0	25.12	0.01357	±2.5	PASS	TN/VN
25	3.0	26055	1851.5	16QAM	15@0	-25.46	-0.01375	±2.5	PASS	TN/VN
25	3.0	26365	1882.5	QPSK	15@0	-34.85	-0.01851	±2.5	PASS	TN/VN
25	3.0	26365	1882.5	16QAM	15@0	0.32	0.00017	±2.5	PASS	TN/VN
25	3.0	26675	1913.5	QPSK	15@0	2.85	0.00149	±2.5	PASS	TN/VN
25	3.0	26675	1913.5	16QAM	15@0	-32.89	-0.01719	±2.5	PASS	TN/VN
25	5.0	26065	1852.5	QPSK	25@0	33.17	0.01791	±2.5	PASS	TN/VN
25	5.0	26065	1852.5	16QAM	25@0	-8.54	-0.00461	±2.5	PASS	TN/VN
25	5.0	26365	1882.5	QPSK	25@0	-23.6	-0.01254	±2.5	PASS	TN/VN
25	5.0	26365	1882.5	16QAM	25@0	-47.99	-0.02549	±2.5	PASS	TN/VN
25	5.0	26665	1912.5	QPSK	25@0	-23.22	-0.01214	±2.5	PASS	TN/VN
25	5.0	26665	1912.5	16QAM	25@0	-47.39	-0.02478	±2.5	PASS	TN/VN
25	10.0	26090	1855.0	QPSK	50@0	16.74	0.00902	±2.5	PASS	TN/VN
25	10.0	26090	1855.0	16QAM	50@0	-28.05	-0.01512	±2.5	PASS	TN/VN
25	10.0	26365	1882.5	QPSK	50@0	-40.17	-0.02134	±2.5	PASS	TN/VN
25	10.0	26365	1882.5	16QAM	50@0	-7.84	-0.00416	±2.5	PASS	TN/VN
25	10.0	26640	1910.0	QPSK	50@0	-11.3	-0.00592	±2.5	PASS	TN/VN
25	10.0	26640	1910.0	16QAM	50@0	-33.1	-0.01733	±2.5	PASS	TN/VN
25	15.0	26115	1857.5	QPSK	75@0	10.97	0.00591	±2.5	PASS	TN/VN
25	15.0	26115	1857.5	16QAM	75@0	-9.28	-0.005	±2.5	PASS	TN/VN
25	15.0	26365	1882.5	QPSK	75@0	-42.72	-0.02269	±2.5	PASS	TN/VN
25	15.0	26365	1882.5	16QAM	75@0	-41.0	-0.02178	±2.5	PASS	TN/VN
25	15.0	26615	1907.5	QPSK	75@0	-28.85	-0.01513	±2.5	PASS	TN/VN
25	15.0	26615	1907.5	16QAM	75@0	-54.7	-0.02868	±2.5	PASS	TN/VN
25	20.0	26140	1860.0	QPSK	100@0	28.81	0.01549	±2.5	PASS	TN/VN
25	20.0	26140	1860.0	16QAM	100@0	-20.2	-0.01086	±2.5	PASS	TN/VN
25	20.0	26365	1882.5	QPSK	100@0	-25.38	-0.01348	±2.5	PASS	TN/VN
25	20.0	26365	1882.5	16QAM	100@0	-26.36	-0.014	±2.5	PASS	TN/VN
25	20.0	26590	1905.0	QPSK	100@0	-11.49	-0.00603	±2.5	PASS	TN/VN
25	20.0	26590	1905.0	16QAM	100@0	-28.72	-0.01508	±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
25	1.4	26047	1850.7	QPSK	6@0	-27.61	-0.01492	±2.5	PASS	TL/VN
25	1.4	26047	1850.7	16QAM	6@0	-18.75	-0.01013	±2.5	PASS	TL/VN
25	1.4	26365	1882.5	QPSK	6@0	-39.57	-0.02102	±2.5	PASS	TL/VN
25	1.4	26365	1882.5	16QAM	6@0	-41.1	-0.02183	±2.5	PASS	TL/VN
25	1.4	26683	1914.3	QPSK	6@0	-16.44	-0.00859	±2.5	PASS	TL/VN
25	1.4	26683	1914.3	16QAM	6@0	-51.56	-0.02693	±2.5	PASS	TL/VN
25	3.0	26055	1851.5	QPSK	15@0	32.2	0.01739	±2.5	PASS	TL/VN
25	3.0	26055	1851.5	16QAM	15@0	-18.95	-0.01024	±2.5	PASS	TL/VN
25	3.0	26365	1882.5	QPSK	15@0	-38.35	-0.02037	±2.5	PASS	TL/VN
25	3.0	26365	1882.5	16QAM	15@0	-13.82	-0.00734	±2.5	PASS	TL/VN
25	3.0	26675	1913.5	QPSK	15@0	-17.81	-0.00931	±2.5	PASS	TL/VN
25	3.0	26675	1913.5	16QAM	15@0	-39.55	-0.02067	±2.5	PASS	TL/VN
25	5.0	26065	1852.5	QPSK	25@0	20.07	0.01083	±2.5	PASS	TL/VN
25	5.0	26065	1852.5	16QAM	25@0	-14.82	-0.008	±2.5	PASS	TL/VN
25	5.0	26365	1882.5	QPSK	25@0	-6.71	-0.00356	±2.5	PASS	TL/VN
25	5.0	26365	1882.5	16QAM	25@0	-29.87	-0.01587	±2.5	PASS	TL/VN
25	5.0	26665	1912.5	QPSK	25@0	-28.77	-0.01504	±2.5	PASS	TL/VN
25	5.0	26665	1912.5	16QAM	25@0	-37.29	-0.0195	±2.5	PASS	TL/VN
25	10.0	26090	1855.0	QPSK	50@0	38.61	0.02081	±2.5	PASS	TL/VN
25	10.0	26090	1855.0	16QAM	50@0	-41.14	-0.02218	±2.5	PASS	TL/VN
25	10.0	26365	1882.5	QPSK	50@0	-3.71	-0.00197	±2.5	PASS	TL/VN
25	10.0	26365	1882.5	16QAM	50@0	-42.2	-0.02242	±2.5	PASS	TL/VN
25	10.0	26640	1910.0	QPSK	50@0	-36.75	-0.01924	±2.5	PASS	TL/VN
25	10.0	26640	1910.0	16QAM	50@0	-35.63	-0.01866	±2.5	PASS	TL/VN
25	15.0	26115	1857.5	QPSK	75@0	41.51	0.02235	±2.5	PASS	TL/VN
25	15.0	26115	1857.5	16QAM	75@0	-19.96	-0.01074	±2.5	PASS	TL/VN
25	15.0	26365	1882.5	QPSK	75@0	-42.09	-0.02236	±2.5	PASS	TL/VN
25	15.0	26365	1882.5	16QAM	75@0	-26.62	-0.01414	±2.5	PASS	TL/VN
25	15.0	26615	1907.5	QPSK	75@0	-22.53	-0.01181	±2.5	PASS	TL/VN
25	15.0	26615	1907.5	16QAM	75@0	0.44	0.00023	±2.5	PASS	TL/VN
25	20.0	26140	1860.0	QPSK	100@0	13.5	0.00726	±2.5	PASS	TL/VN
25	20.0	26140	1860.0	16QAM	100@0	-32.11	-0.01727	±2.5	PASS	TL/VN
25	20.0	26365	1882.5	QPSK	100@0	-54.04	-0.02871	±2.5	PASS	TL/VN
25	20.0	26365	1882.5	16QAM	100@0	-23.47	-0.01247	±2.5	PASS	TL/VN
25	20.0	26590	1905.0	QPSK	100@0	-27.07	-0.01421	±2.5	PASS	TL/VN
25	20.0	26590	1905.0	16QAM	100@0	-16.32	-0.00857	±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
25	1.4	26047	1850.7	QPSK	6@0	-27.84	-0.01504	±2.5	PASS	TH/VH
25	1.4	26047	1850.7	16QAM	6@0	8.07	0.00436	±2.5	PASS	TH/VH
25	1.4	26365	1882.5	QPSK	6@0	-33.62	-0.01786	±2.5	PASS	TH/VH
25	1.4	26365	1882.5	16QAM	6@0	-6.61	-0.00351	±2.5	PASS	TH/VH
25	1.4	26683	1914.3	QPSK	6@0	-0.94	-0.00049	±2.5	PASS	TH/VH
25	1.4	26683	1914.3	16QAM	6@0	-34.59	-0.01807	±2.5	PASS	TH/VH
25	3.0	26055	1851.5	QPSK	15@0	-6.77	-0.00365	±2.5	PASS	TH/VH
25	3.0	26055	1851.5	16QAM	15@0	-36.56	-0.01975	±2.5	PASS	TH/VH
25	3.0	26365	1882.5	QPSK	15@0	-49.41	-0.02625	±2.5	PASS	TH/VH
25	3.0	26365	1882.5	16QAM	15@0	2.02	0.00107	±2.5	PASS	TH/VH
25	3.0	26675	1913.5	QPSK	15@0	-17.28	-0.00903	±2.5	PASS	TH/VH
25	3.0	26675	1913.5	16QAM	15@0	-3.56	-0.00186	±2.5	PASS	TH/VH
25	5.0	26065	1852.5	QPSK	25@0	42.47	0.02293	±2.5	PASS	TH/VH
25	5.0	26065	1852.5	16QAM	25@0	-54.23	-0.02927	±2.5	PASS	TH/VH
25	5.0	26365	1882.5	QPSK	25@0	-39.85	-0.02117	±2.5	PASS	TH/VH
25	5.0	26365	1882.5	16QAM	25@0	-46.53	-0.02472	±2.5	PASS	TH/VH
25	5.0	26665	1912.5	QPSK	25@0	-27.59	-0.01443	±2.5	PASS	TH/VH
25	5.0	26665	1912.5	16QAM	25@0	-16.72	-0.00874	±2.5	PASS	TH/VH
25	10.0	26090	1855.0	QPSK	50@0	25.05	0.0135	±2.5	PASS	TH/VH
25	10.0	26090	1855.0	16QAM	50@0	1.79	0.00096	±2.5	PASS	TH/VH
25	10.0	26365	1882.5	QPSK	50@0	-51.23	-0.02721	±2.5	PASS	TH/VH
25	10.0	26365	1882.5	16QAM	50@0	-40.21	-0.02136	±2.5	PASS	TH/VH
25	10.0	26640	1910.0	QPSK	50@0	-17.25	-0.00903	±2.5	PASS	TH/VH
25	10.0	26640	1910.0	16QAM	50@0	5.42	0.00284	±2.5	PASS	TH/VH
25	15.0	26115	1857.5	QPSK	75@0	18.45	0.00993	±2.5	PASS	TH/VH
25	15.0	26115	1857.5	16QAM	75@0	-30.74	-0.01655	±2.5	PASS	TH/VH
25	15.0	26365	1882.5	QPSK	75@0	-47.75	-0.02537	±2.5	PASS	TH/VH
25	15.0	26365	1882.5	16QAM	75@0	-36.28	-0.01927	±2.5	PASS	TH/VH
25	15.0	26615	1907.5	QPSK	75@0	-31.69	-0.01661	±2.5	PASS	TH/VH
25	15.0	26615	1907.5	16QAM	75@0	-2.27	-0.00119	±2.5	PASS	TH/VH
25	20.0	26140	1860.0	QPSK	100@0	37.24	0.02002	±2.5	PASS	TH/VH
25	20.0	26140	1860.0	16QAM	100@0	-12.39	-0.00666	±2.5	PASS	TH/VH
25	20.0	26365	1882.5	QPSK	100@0	-1.0	-0.00053	±2.5	PASS	TH/VH
25	20.0	26365	1882.5	16QAM	100@0	-12.95	-0.00688	±2.5	PASS	TH/VH
25	20.0	26590	1905.0	QPSK	100@0	-28.6	-0.01501	±2.5	PASS	TH/VH
25	20.0	26590	1905.0	16QAM	100@0	-11.93	-0.00626	±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
25	1.4	26047	1850.7	QPSK	6@0	-19.21	-0.01038	±2.5	PASS	TH/VL
25	1.4	26047	1850.7	16QAM	6@0	-9.07	-0.0049	±2.5	PASS	TH/VL
25	1.4	26365	1882.5	QPSK	6@0	-20.01	-0.01063	±2.5	PASS	TH/VL
25	1.4	26365	1882.5	16QAM	6@0	-10.89	-0.00578	±2.5	PASS	TH/VL
25	1.4	26683	1914.3	QPSK	6@0	-14.72	-0.00769	±2.5	PASS	TH/VL
25	1.4	26683	1914.3	16QAM	6@0	-45.13	-0.02358	±2.5	PASS	TH/VL
25	3.0	26055	1851.5	QPSK	15@0	21.79	0.01177	±2.5	PASS	TH/VL
25	3.0	26055	1851.5	16QAM	15@0	-29.0	-0.01566	±2.5	PASS	TH/VL
25	3.0	26365	1882.5	QPSK	15@0	-30.17	-0.01603	±2.5	PASS	TH/VL
25	3.0	26365	1882.5	16QAM	15@0	-45.69	-0.02427	±2.5	PASS	TH/VL
25	3.0	26675	1913.5	QPSK	15@0	-6.55	-0.00342	±2.5	PASS	TH/VL
25	3.0	26675	1913.5	16QAM	15@0	-32.99	-0.01724	±2.5	PASS	TH/VL
25	5.0	26065	1852.5	QPSK	25@0	8.64	0.00466	±2.5	PASS	TH/VL
25	5.0	26065	1852.5	16QAM	25@0	-53.64	-0.02896	±2.5	PASS	TH/VL
25	5.0	26365	1882.5	QPSK	25@0	-23.2	-0.01233	±2.5	PASS	TH/VL
25	5.0	26365	1882.5	16QAM	25@0	-5.94	-0.00315	±2.5	PASS	TH/VL
25	5.0	26665	1912.5	QPSK	25@0	-43.3	-0.02264	±2.5	PASS	TH/VL
25	5.0	26665	1912.5	16QAM	25@0	-4.11	-0.00215	±2.5	PASS	TH/VL
25	10.0	26090	1855.0	QPSK	50@0	10.37	0.00559	±2.5	PASS	TH/VL
25	10.0	26090	1855.0	16QAM	50@0	-30.21	-0.01629	±2.5	PASS	TH/VL
25	10.0	26365	1882.5	QPSK	50@0	-49.24	-0.02616	±2.5	PASS	TH/VL
25	10.0	26365	1882.5	16QAM	50@0	-29.54	-0.01569	±2.5	PASS	TH/VL
25	10.0	26640	1910.0	QPSK	50@0	-30.98	-0.01622	±2.5	PASS	TH/VL
25	10.0	26640	1910.0	16QAM	50@0	3.06	0.0016	±2.5	PASS	TH/VL
25	15.0	26115	1857.5	QPSK	75@0	10.83	0.00583	±2.5	PASS	TH/VL
25	15.0	26115	1857.5	16QAM	75@0	-8.45	-0.00455	±2.5	PASS	TH/VL
25	15.0	26365	1882.5	QPSK	75@0	-28.34	-0.01505	±2.5	PASS	TH/VL
25	15.0	26365	1882.5	16QAM	75@0	-28.2	-0.01498	±2.5	PASS	TH/VL
25	15.0	26615	1907.5	QPSK	75@0	-7.61	-0.00399	±2.5	PASS	TH/VL
25	15.0	26615	1907.5	16QAM	75@0	-31.77	-0.01666	±2.5	PASS	TH/VL
25	20.0	26140	1860.0	QPSK	100@0	13.7	0.00737	±2.5	PASS	TH/VL
25	20.0	26140	1860.0	16QAM	100@0	-37.36	-0.02009	±2.5	PASS	TH/VL
25	20.0	26365	1882.5	QPSK	100@0	-30.94	-0.01644	±2.5	PASS	TH/VL
25	20.0	26365	1882.5	16QAM	100@0	-10.7	-0.00568	±2.5	PASS	TH/VL
25	20.0	26590	1905.0	QPSK	100@0	-20.14	-0.01057	±2.5	PASS	TH/VL
25	20.0	26590	1905.0	16QAM	100@0	-41.77	-0.02193	±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
25	1.4	26047	1850.7	QPSK	6@0	-9.36	-0.00506	±2.5	PASS	TH/VN
25	1.4	26047	1850.7	16QAM	6@0	-53.11	-0.0287	±2.5	PASS	TH/VN
25	1.4	26365	1882.5	QPSK	6@0	-40.18	-0.02135	±2.5	PASS	TH/VN
25	1.4	26365	1882.5	16QAM	6@0	-30.4	-0.01615	±2.5	PASS	TH/VN
25	1.4	26683	1914.3	QPSK	6@0	-20.54	-0.01073	±2.5	PASS	TH/VN
25	1.4	26683	1914.3	16QAM	6@0	-11.3	-0.0059	±2.5	PASS	TH/VN
25	3.0	26055	1851.5	QPSK	15@0	10.93	0.0059	±2.5	PASS	TH/VN
25	3.0	26055	1851.5	16QAM	15@0	-19.93	-0.01076	±2.5	PASS	TH/VN
25	3.0	26365	1882.5	QPSK	15@0	-50.04	-0.02658	±2.5	PASS	TH/VN
25	3.0	26365	1882.5	16QAM	15@0	-19.97	-0.01061	±2.5	PASS	TH/VN
25	3.0	26675	1913.5	QPSK	15@0	-22.73	-0.01188	±2.5	PASS	TH/VN
25	3.0	26675	1913.5	16QAM	15@0	4.43	0.00232	±2.5	PASS	TH/VN
25	5.0	26065	1852.5	QPSK	25@0	-0.89	-0.00048	±2.5	PASS	TH/VN
25	5.0	26065	1852.5	16QAM	25@0	-16.75	-0.00904	±2.5	PASS	TH/VN
25	5.0	26365	1882.5	QPSK	25@0	-42.59	-0.02262	±2.5	PASS	TH/VN
25	5.0	26365	1882.5	16QAM	25@0	-46.62	-0.02477	±2.5	PASS	TH/VN
25	5.0	26665	1912.5	QPSK	25@0	-6.45	-0.00337	±2.5	PASS	TH/VN
25	5.0	26665	1912.5	16QAM	25@0	-22.49	-0.01176	±2.5	PASS	TH/VN
25	10.0	26090	1855.0	QPSK	50@0	27.62	0.01489	±2.5	PASS	TH/VN
25	10.0	26090	1855.0	16QAM	50@0	-51.38	-0.0277	±2.5	PASS	TH/VN
25	10.0	26365	1882.5	QPSK	50@0	2.92	0.00155	±2.5	PASS	TH/VN
25	10.0	26365	1882.5	16QAM	50@0	-26.38	-0.01401	±2.5	PASS	TH/VN
25	10.0	26640	1910.0	QPSK	50@0	-30.48	-0.01596	±2.5	PASS	TH/VN
25	10.0	26640	1910.0	16QAM	50@0	-23.49	-0.0123	±2.5	PASS	TH/VN
25	15.0	26115	1857.5	QPSK	75@0	37.11	0.01998	±2.5	PASS	TH/VN
25	15.0	26115	1857.5	16QAM	75@0	-27.67	-0.01489	±2.5	PASS	TH/VN
25	15.0	26365	1882.5	QPSK	75@0	-41.33	-0.02195	±2.5	PASS	TH/VN
25	15.0	26365	1882.5	16QAM	75@0	-49.04	-0.02605	±2.5	PASS	TH/VN
25	15.0	26615	1907.5	QPSK	75@0	1.5	0.00079	±2.5	PASS	TH/VN
25	15.0	26615	1907.5	16QAM	75@0	-19.98	-0.01048	±2.5	PASS	TH/VN
25	20.0	26140	1860.0	QPSK	100@0	-16.94	-0.00911	±2.5	PASS	TH/VN
25	20.0	26140	1860.0	16QAM	100@0	-4.09	-0.0022	±2.5	PASS	TH/VN
25	20.0	26365	1882.5	QPSK	100@0	-35.19	-0.01869	±2.5	PASS	TH/VN
25	20.0	26365	1882.5	16QAM	100@0	-19.96	-0.0106	±2.5	PASS	TH/VN
25	20.0	26590	1905.0	QPSK	100@0	-10.89	-0.00571	±2.5	PASS	TH/VN
25	20.0	26590	1905.0	16QAM	100@0	-36.52	-0.01917	±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
25	1.4	26047	1850.7	QPSK	6@0	-9.93	-0.00536	±2.5	PASS	TLVH
25	1.4	26047	1850.7	16QAM	6@0	-16.35	-0.00883	±2.5	PASS	TLVH
25	1.4	26365	1882.5	QPSK	6@0	-43.37	-0.02304	±2.5	PASS	TLVH
25	1.4	26365	1882.5	16QAM	6@0	-29.03	-0.01542	±2.5	PASS	TLVH
25	1.4	26683	1914.3	QPSK	6@0	-13.09	-0.00684	±2.5	PASS	TLVH
25	1.4	26683	1914.3	16QAM	6@0	-50.5	-0.02638	±2.5	PASS	TLVH
25	3.0	26055	1851.5	QPSK	15@0	-41.0	-0.02214	±2.5	PASS	TLVH
25	3.0	26055	1851.5	16QAM	15@0	-4.35	-0.00235	±2.5	PASS	TLVH
25	3.0	26365	1882.5	QPSK	15@0	-17.11	-0.00909	±2.5	PASS	TLVH
25	3.0	26365	1882.5	16QAM	15@0	-44.6	-0.02369	±2.5	PASS	TLVH
25	3.0	26675	1913.5	QPSK	15@0	-24.42	-0.01276	±2.5	PASS	TLVH
25	3.0	26675	1913.5	16QAM	15@0	-52.43	-0.0274	±2.5	PASS	TLVH
25	5.0	26065	1852.5	QPSK	25@0	-34.85	-0.01881	±2.5	PASS	TLVH
25	5.0	26065	1852.5	16QAM	25@0	-41.8	-0.02256	±2.5	PASS	TLVH
25	5.0	26365	1882.5	QPSK	25@0	-38.71	-0.02056	±2.5	PASS	TLVH
25	5.0	26365	1882.5	16QAM	25@0	-51.36	-0.02728	±2.5	PASS	TLVH
25	5.0	26665	1912.5	QPSK	25@0	-6.55	-0.00343	±2.5	PASS	TLVH
25	5.0	26665	1912.5	16QAM	25@0	-35.46	-0.01854	±2.5	PASS	TLVH
25	10.0	26090	1855.0	QPSK	50@0	34.8	0.01876	±2.5	PASS	TLVH
25	10.0	26090	1855.0	16QAM	50@0	-8.5	-0.00458	±2.5	PASS	TLVH
25	10.0	26365	1882.5	QPSK	50@0	-35.03	-0.01861	±2.5	PASS	TLVH
25	10.0	26365	1882.5	16QAM	50@0	-35.36	-0.01878	±2.5	PASS	TLVH
25	10.0	26640	1910.0	QPSK	50@0	-8.01	-0.00419	±2.5	PASS	TLVH
25	10.0	26640	1910.0	16QAM	50@0	-28.57	-0.01496	±2.5	PASS	TLVH
25	15.0	26115	1857.5	QPSK	75@0	17.97	0.00967	±2.5	PASS	TLVH
25	15.0	26115	1857.5	16QAM	75@0	-57.99	-0.03122	±2.5	PASS	TLVH
25	15.0	26365	1882.5	QPSK	75@0	-35.66	-0.01894	±2.5	PASS	TLVH
25	15.0	26365	1882.5	16QAM	75@0	-5.28	-0.0028	±2.5	PASS	TLVH
25	15.0	26615	1907.5	QPSK	75@0	-43.97	-0.02305	±2.5	PASS	TLVH
25	15.0	26615	1907.5	16QAM	75@0	-51.57	-0.02704	±2.5	PASS	TLVH
25	20.0	26140	1860.0	QPSK	100@0	7.55	0.00406	±2.5	PASS	TLVH
25	20.0	26140	1860.0	16QAM	100@0	-43.4	-0.02333	±2.5	PASS	TLVH
25	20.0	26365	1882.5	QPSK	100@0	-25.81	-0.01371	±2.5	PASS	TLVH
25	20.0	26365	1882.5	16QAM	100@0	-35.32	-0.01876	±2.5	PASS	TLVH
25	20.0	26590	1905.0	QPSK	100@0	6.98	0.00366	±2.5	PASS	TLVH
25	20.0	26590	1905.0	16QAM	100@0	-18.7	-0.00981	±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
25	1.4	26047	1850.7	QPSK	6@0	-4.36	-0.00236	±2.5	PASS	TL/VL
25	1.4	26047	1850.7	16QAM	6@0	-15.22	-0.00822	±2.5	PASS	TL/VL
25	1.4	26365	1882.5	QPSK	6@0	-27.25	-0.01448	±2.5	PASS	TL/VL
25	1.4	26365	1882.5	16QAM	6@0	-17.38	-0.00923	±2.5	PASS	TL/VL
25	1.4	26683	1914.3	QPSK	6@0	-14.46	-0.00755	±2.5	PASS	TL/VL
25	1.4	26683	1914.3	16QAM	6@0	-48.37	-0.02527	±2.5	PASS	TL/VL
25	3.0	26055	1851.5	QPSK	15@0	-45.33	-0.02448	±2.5	PASS	TL/VL
25	3.0	26055	1851.5	16QAM	15@0	-20.97	-0.01133	±2.5	PASS	TL/VL
25	3.0	26365	1882.5	QPSK	15@0	-42.41	-0.02253	±2.5	PASS	TL/VL
25	3.0	26365	1882.5	16QAM	15@0	-15.58	-0.00828	±2.5	PASS	TL/VL
25	3.0	26675	1913.5	QPSK	15@0	-17.28	-0.00903	±2.5	PASS	TL/VL
25	3.0	26675	1913.5	16QAM	15@0	-40.51	-0.02117	±2.5	PASS	TL/VL
25	5.0	26065	1852.5	QPSK	25@0	-34.85	-0.01881	±2.5	PASS	TL/VL
25	5.0	26065	1852.5	16QAM	25@0	-32.76	-0.01768	±2.5	PASS	TL/VL
25	5.0	26365	1882.5	QPSK	25@0	-10.54	-0.0056	±2.5	PASS	TL/VL
25	5.0	26365	1882.5	16QAM	25@0	-29.0	-0.0154	±2.5	PASS	TL/VL
25	5.0	26665	1912.5	QPSK	25@0	-6.9	-0.00361	±2.5	PASS	TL/VL
25	5.0	26665	1912.5	16QAM	25@0	-26.64	-0.01393	±2.5	PASS	TL/VL
25	10.0	26090	1855.0	QPSK	50@0	25.33	0.01366	±2.5	PASS	TL/VL
25	10.0	26090	1855.0	16QAM	50@0	-19.73	-0.01063	±2.5	PASS	TL/VL
25	10.0	26365	1882.5	QPSK	50@0	-49.97	-0.02654	±2.5	PASS	TL/VL
25	10.0	26365	1882.5	16QAM	50@0	-4.05	-0.00215	±2.5	PASS	TL/VL
25	10.0	26640	1910.0	QPSK	50@0	-27.05	-0.01416	±2.5	PASS	TL/VL
25	10.0	26640	1910.0	16QAM	50@0	-29.83	-0.01562	±2.5	PASS	TL/VL
25	15.0	26115	1857.5	QPSK	75@0	20.16	0.01085	±2.5	PASS	TL/VL
25	15.0	26115	1857.5	16QAM	75@0	-29.94	-0.01612	±2.5	PASS	TL/VL
25	15.0	26365	1882.5	QPSK	75@0	0.94	0.0005	±2.5	PASS	TL/VL
25	15.0	26365	1882.5	16QAM	75@0	-28.0	-0.01487	±2.5	PASS	TL/VL
25	15.0	26615	1907.5	QPSK	75@0	-31.83	-0.01669	±2.5	PASS	TL/VL
25	15.0	26615	1907.5	16QAM	75@0	-20.84	-0.01093	±2.5	PASS	TL/VL
25	20.0	26140	1860.0	QPSK	100@0	-16.02	-0.00861	±2.5	PASS	TL/VL
25	20.0	26140	1860.0	16QAM	100@0	-30.34	-0.01631	±2.5	PASS	TL/VL
25	20.0	26365	1882.5	QPSK	100@0	-8.71	-0.00463	±2.5	PASS	TL/VL
25	20.0	26365	1882.5	16QAM	100@0	-25.86	-0.01374	±2.5	PASS	TL/VL
25	20.0	26590	1905.0	QPSK	100@0	-13.07	-0.00686	±2.5	PASS	TL/VL
25	20.0	26590	1905.0	16QAM	100@0	-20.76	-0.0109	±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
25	1.4	26047	1850.7	QPSK	6@0	-40.18	-0.02171	±2.5	PASS	TN/VH
25	1.4	26047	1850.7	16QAM	6@0	-42.2	-0.0228	±2.5	PASS	TN/VH
25	1.4	26365	1882.5	QPSK	6@0	-34.02	-0.01807	±2.5	PASS	TN/VH
25	1.4	26365	1882.5	16QAM	6@0	-14.91	-0.00792	±2.5	PASS	TN/VH
25	1.4	26683	1914.3	QPSK	6@0	-13.28	-0.00693	±2.5	PASS	TN/VH
25	1.4	26683	1914.3	16QAM	6@0	-52.89	-0.02763	±2.5	PASS	TN/VH
25	3.0	26055	1851.5	QPSK	15@0	29.74	0.01606	±2.5	PASS	TN/VH
25	3.0	26055	1851.5	16QAM	15@0	-16.09	-0.00869	±2.5	PASS	TN/VH
25	3.0	26365	1882.5	QPSK	15@0	-42.09	-0.02236	±2.5	PASS	TN/VH
25	3.0	26365	1882.5	16QAM	15@0	-14.09	-0.00749	±2.5	PASS	TN/VH
25	3.0	26675	1913.5	QPSK	15@0	-10.47	-0.00547	±2.5	PASS	TN/VH
25	3.0	26675	1913.5	16QAM	15@0	-39.9	-0.02085	±2.5	PASS	TN/VH
25	5.0	26065	1852.5	QPSK	25@0	42.47	0.02293	±2.5	PASS	TN/VH
25	5.0	26065	1852.5	16QAM	25@0	-3.88	-0.00209	±2.5	PASS	TN/VH
25	5.0	26365	1882.5	QPSK	25@0	-38.64	-0.02052	±2.5	PASS	TN/VH
25	5.0	26365	1882.5	16QAM	25@0	-3.55	-0.00188	±2.5	PASS	TN/VH
25	5.0	26665	1912.5	QPSK	25@0	-17.58	-0.00919	±2.5	PASS	TN/VH
25	5.0	26665	1912.5	16QAM	25@0	-44.82	-0.02343	±2.5	PASS	TN/VH
25	10.0	26090	1855.0	QPSK	50@0	38.08	0.02053	±2.5	PASS	TN/VH
25	10.0	26090	1855.0	16QAM	50@0	-33.73	-0.01818	±2.5	PASS	TN/VH
25	10.0	26365	1882.5	QPSK	50@0	0.9	0.00048	±2.5	PASS	TN/VH
25	10.0	26365	1882.5	16QAM	50@0	-27.77	-0.01475	±2.5	PASS	TN/VH
25	10.0	26640	1910.0	QPSK	50@0	-23.55	-0.01233	±2.5	PASS	TN/VH
25	10.0	26640	1910.0	16QAM	50@0	-15.89	-0.00832	±2.5	PASS	TN/VH
25	15.0	26115	1857.5	QPSK	75@0	33.29	0.01792	±2.5	PASS	TN/VH
25	15.0	26115	1857.5	16QAM	75@0	-23.12	-0.01245	±2.5	PASS	TN/VH
25	15.0	26365	1882.5	QPSK	75@0	-6.71	-0.00356	±2.5	PASS	TN/VH
25	15.0	26365	1882.5	16QAM	75@0	-31.36	-0.01666	±2.5	PASS	TN/VH
25	15.0	26615	1907.5	QPSK	75@0	-24.59	-0.01289	±2.5	PASS	TN/VH
25	15.0	26615	1907.5	16QAM	75@0	-17.61	-0.00923	±2.5	PASS	TN/VH
25	20.0	26140	1860.0	QPSK	100@0	19.73	0.01061	±2.5	PASS	TN/VH
25	20.0	26140	1860.0	16QAM	100@0	-53.73	-0.02889	±2.5	PASS	TN/VH
25	20.0	26365	1882.5	QPSK	100@0	4.86	0.00258	±2.5	PASS	TN/VH
25	20.0	26365	1882.5	16QAM	100@0	-43.16	-0.02293	±2.5	PASS	TN/VH
25	20.0	26590	1905.0	QPSK	100@0	-2.73	-0.00143	±2.5	PASS	TN/VH
25	20.0	26590	1905.0	16QAM	100@0	-38.51	-0.02021	±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
25	1.4	26047	1850.7	QPSK	6@0	-19.17	-0.01036	±2.5	PASS	TN/VL
25	1.4	26047	1850.7	16QAM	6@0	-40.44	-0.02185	±2.5	PASS	TN/VL
25	1.4	26365	1882.5	QPSK	6@0	-19.81	-0.01052	±2.5	PASS	TN/VL
25	1.4	26365	1882.5	16QAM	6@0	-2.79	-0.00148	±2.5	PASS	TN/VL
25	1.4	26683	1914.3	QPSK	6@0	1.75	0.00091	±2.5	PASS	TN/VL
25	1.4	26683	1914.3	16QAM	6@0	-25.58	-0.01336	±2.5	PASS	TN/VL
25	3.0	26055	1851.5	QPSK	15@0	40.76	0.02201	±2.5	PASS	TN/VL
25	3.0	26055	1851.5	16QAM	15@0	-0.37	-0.0002	±2.5	PASS	TN/VL
25	3.0	26365	1882.5	QPSK	15@0	-35.65	-0.01894	±2.5	PASS	TN/VL
25	3.0	26365	1882.5	16QAM	15@0	-29.13	-0.01547	±2.5	PASS	TN/VL
25	3.0	26675	1913.5	QPSK	15@0	-8.9	-0.00465	±2.5	PASS	TN/VL
25	3.0	26675	1913.5	16QAM	15@0	-40.61	-0.02122	±2.5	PASS	TN/VL
25	5.0	26065	1852.5	QPSK	25@0	-3.02	-0.00163	±2.5	PASS	TN/VL
25	5.0	26065	1852.5	16QAM	25@0	-38.41	-0.02073	±2.5	PASS	TN/VL
25	5.0	26365	1882.5	QPSK	25@0	-13.29	-0.00706	±2.5	PASS	TN/VL
25	5.0	26365	1882.5	16QAM	25@0	-29.48	-0.01566	±2.5	PASS	TN/VL
25	5.0	26665	1912.5	QPSK	25@0	-24.82	-0.01298	±2.5	PASS	TN/VL
25	5.0	26665	1912.5	16QAM	25@0	-33.07	-0.01729	±2.5	PASS	TN/VL
25	10.0	26090	1855.0	QPSK	50@0	40.87	0.02203	±2.5	PASS	TN/VL
25	10.0	26090	1855.0	16QAM	50@0	-32.33	-0.01743	±2.5	PASS	TN/VL
25	10.0	26365	1882.5	QPSK	50@0	-51.61	-0.02742	±2.5	PASS	TN/VL
25	10.0	26365	1882.5	16QAM	50@0	-45.16	-0.02399	±2.5	PASS	TN/VL
25	10.0	26640	1910.0	QPSK	50@0	-32.96	-0.01726	±2.5	PASS	TN/VL
25	10.0	26640	1910.0	16QAM	50@0	-24.18	-0.01266	±2.5	PASS	TN/VL
25	15.0	26115	1857.5	QPSK	75@0	43.07	0.02319	±2.5	PASS	TN/VL
25	15.0	26115	1857.5	16QAM	75@0	-18.4	-0.0099	±2.5	PASS	TN/VL
25	15.0	26365	1882.5	QPSK	75@0	-41.16	-0.02186	±2.5	PASS	TN/VL
25	15.0	26365	1882.5	16QAM	75@0	-36.99	-0.01965	±2.5	PASS	TN/VL
25	15.0	26615	1907.5	QPSK	75@0	-17.74	-0.0093	±2.5	PASS	TN/VL
25	15.0	26615	1907.5	16QAM	75@0	10.4	0.00545	±2.5	PASS	TN/VL
25	20.0	26140	1860.0	QPSK	100@0	20.66	0.01111	±2.5	PASS	TN/VL
25	20.0	26140	1860.0	16QAM	100@0	-37.14	-0.01997	±2.5	PASS	TN/VL
25	20.0	26365	1882.5	QPSK	100@0	-17.95	-0.00954	±2.5	PASS	TN/VL
25	20.0	26365	1882.5	16QAM	100@0	-40.63	-0.02158	±2.5	PASS	TN/VL
25	20.0	26590	1905.0	QPSK	100@0	-22.67	-0.0119	±2.5	PASS	TN/VL
25	20.0	26590	1905.0	16QAM	100@0	-27.84	-0.01461	±2.5	PASS	TN/VL

7.Modulation Characteristics

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Verdict
25	1.4	26047	1850.7	QPSK	6@0	PASS
25	1.4	26047	1850.7	16QAM	6@0	PASS
25	1.4	26365	1882.5	QPSK	6@0	PASS
25	1.4	26365	1882.5	16QAM	6@0	PASS
25	1.4	26683	1914.3	QPSK	6@0	PASS
25	1.4	26683	1914.3	16QAM	6@0	PASS
25	3.0	26055	1851.5	QPSK	15@0	PASS
25	3.0	26055	1851.5	16QAM	15@0	PASS
25	3.0	26365	1882.5	QPSK	15@0	PASS
25	3.0	26365	1882.5	16QAM	15@0	PASS
25	3.0	26675	1913.5	QPSK	15@0	PASS
25	3.0	26675	1913.5	16QAM	15@0	PASS
25	5.0	26065	1852.5	QPSK	25@0	PASS
25	5.0	26065	1852.5	16QAM	25@0	PASS
25	5.0	26365	1882.5	QPSK	25@0	PASS
25	5.0	26365	1882.5	16QAM	25@0	PASS
25	5.0	26665	1912.5	QPSK	25@0	PASS
25	5.0	26665	1912.5	16QAM	25@0	PASS
25	10.0	26090	1855.0	QPSK	50@0	PASS
25	10.0	26090	1855.0	16QAM	50@0	PASS
25	10.0	26365	1882.5	QPSK	50@0	PASS
25	10.0	26365	1882.5	16QAM	50@0	PASS
25	10.0	26640	1910.0	QPSK	50@0	PASS
25	10.0	26640	1910.0	16QAM	50@0	PASS
25	15.0	26115	1857.5	QPSK	75@0	PASS
25	15.0	26115	1857.5	16QAM	75@0	PASS
25	15.0	26365	1882.5	QPSK	75@0	PASS
25	15.0	26365	1882.5	16QAM	75@0	PASS
25	15.0	26615	1907.5	QPSK	75@0	PASS
25	15.0	26615	1907.5	16QAM	75@0	PASS
25	20.0	26140	1860.0	QPSK	100@0	PASS
25	20.0	26140	1860.0	16QAM	100@0	PASS
25	20.0	26365	1882.5	QPSK	100@0	PASS
25	20.0	26365	1882.5	16QAM	100@0	PASS
25	20.0	26590	1905.0	QPSK	100@0	PASS
25	20.0	26590	1905.0	16QAM	100@0	PASS

Test Graphs

