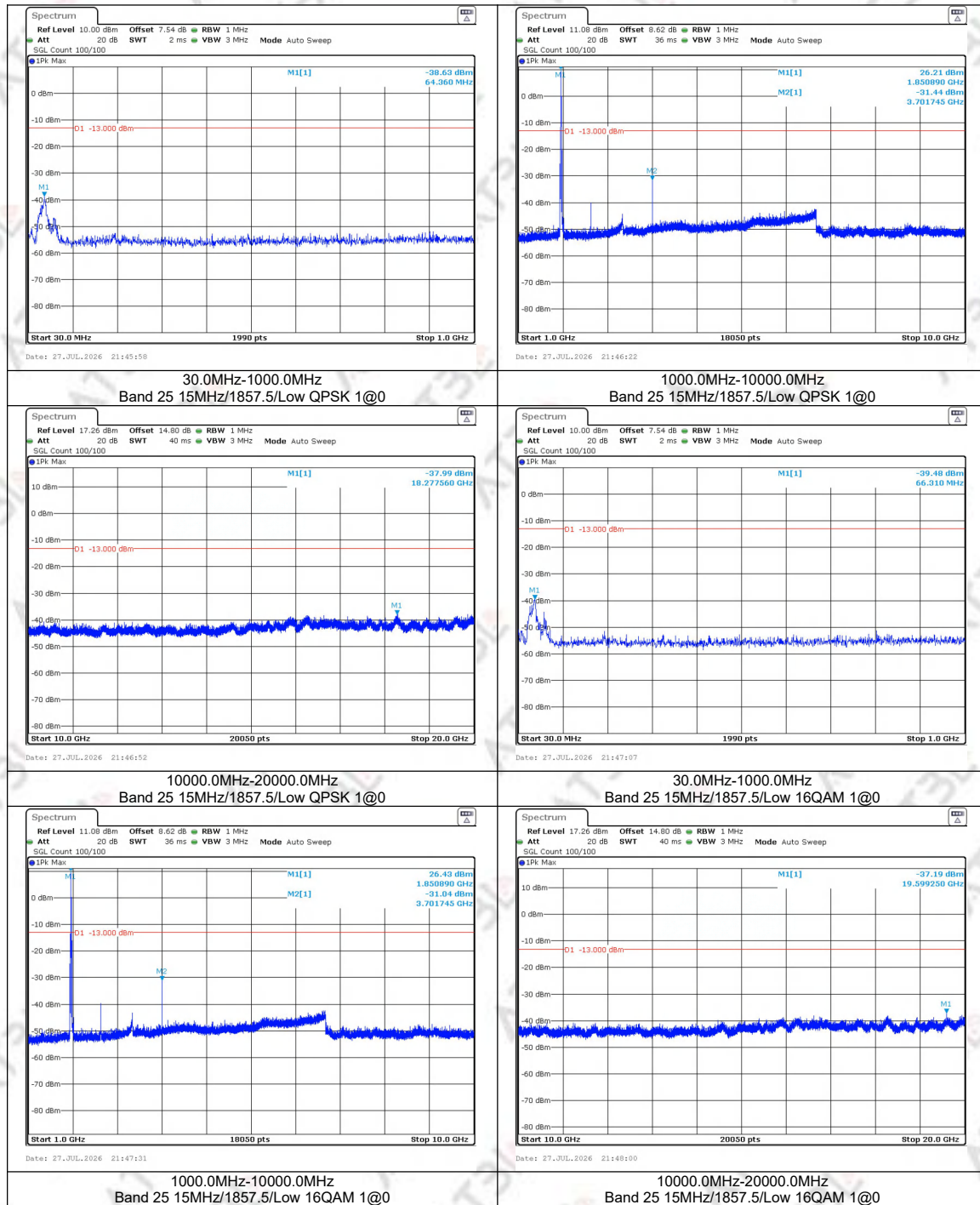
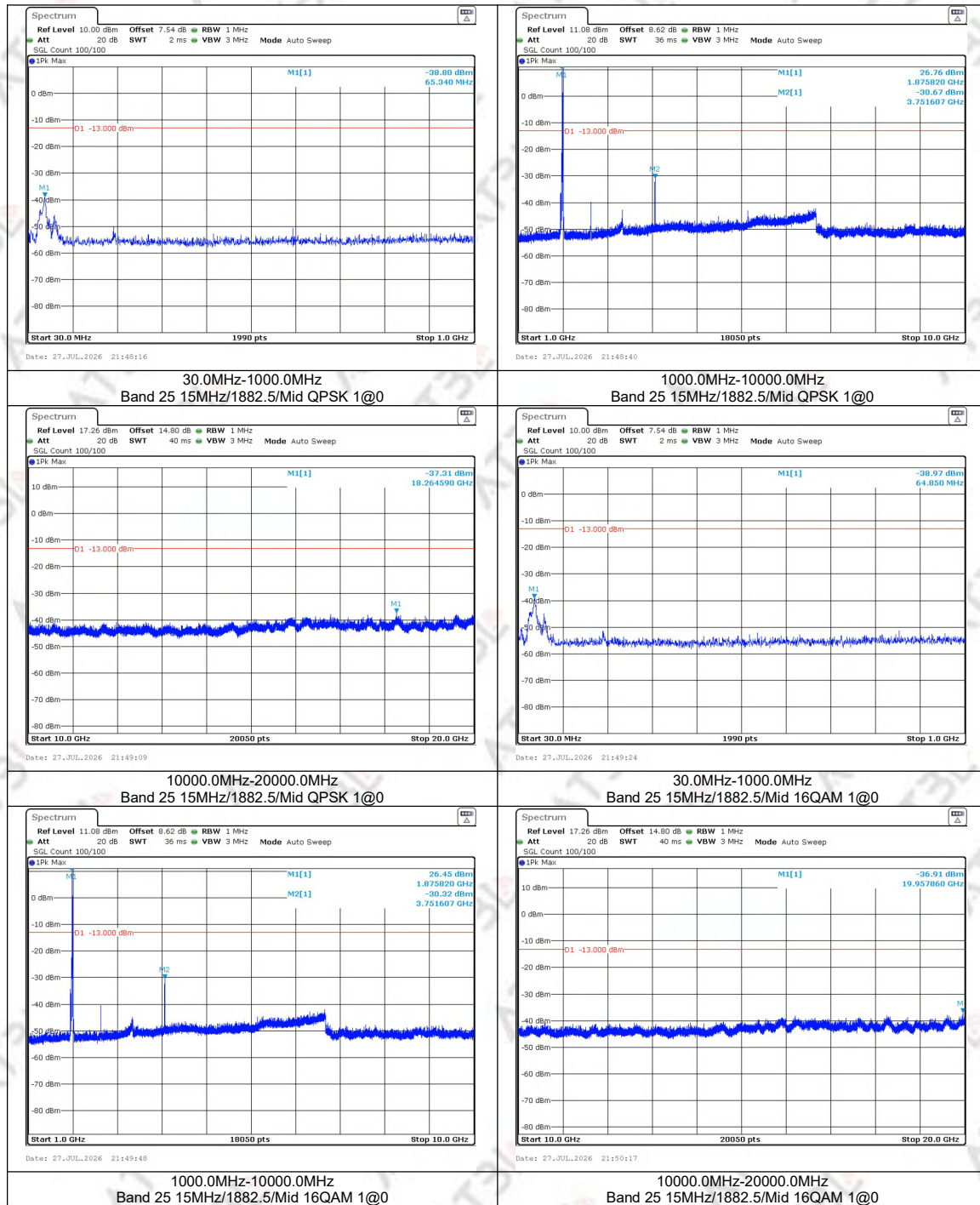
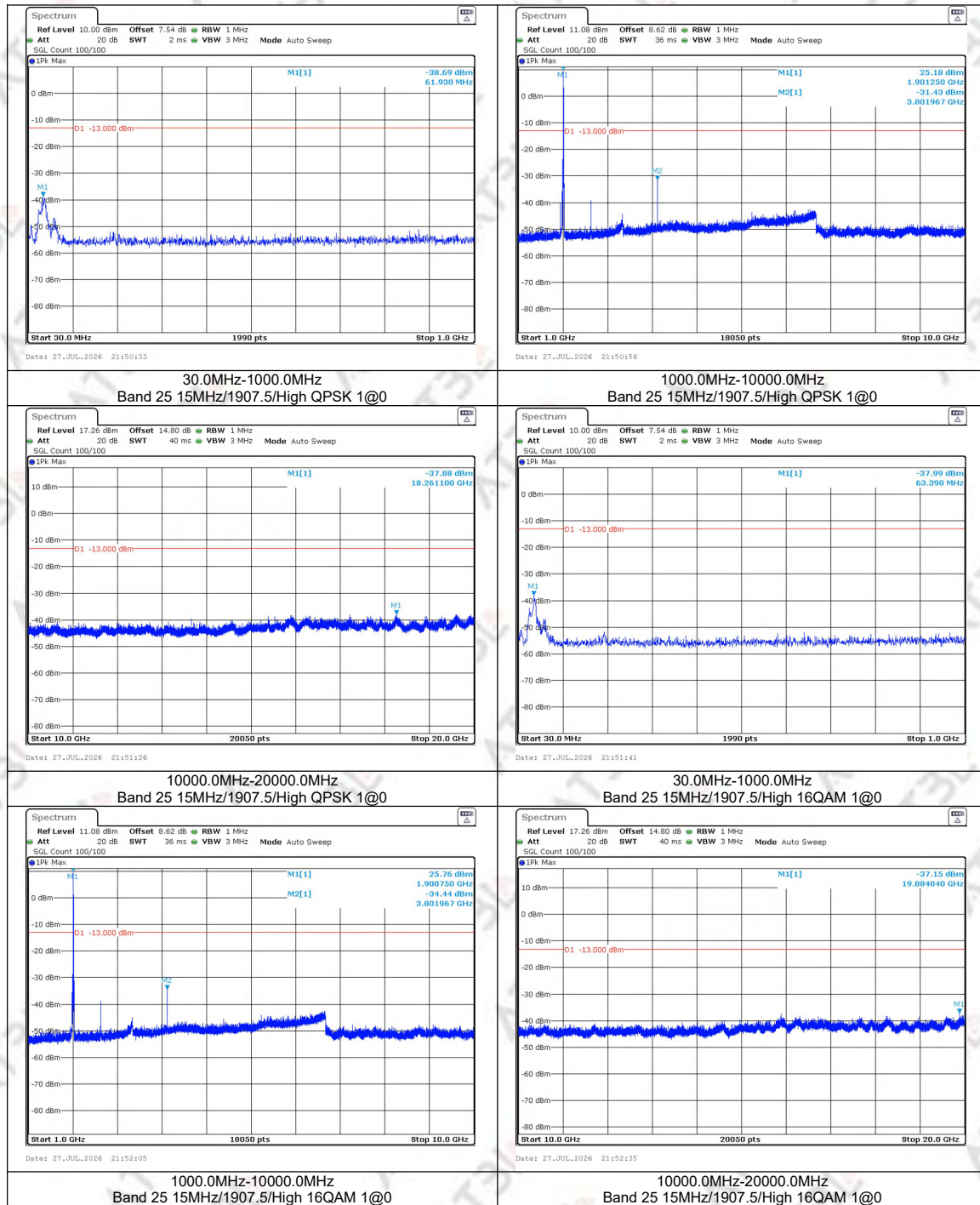
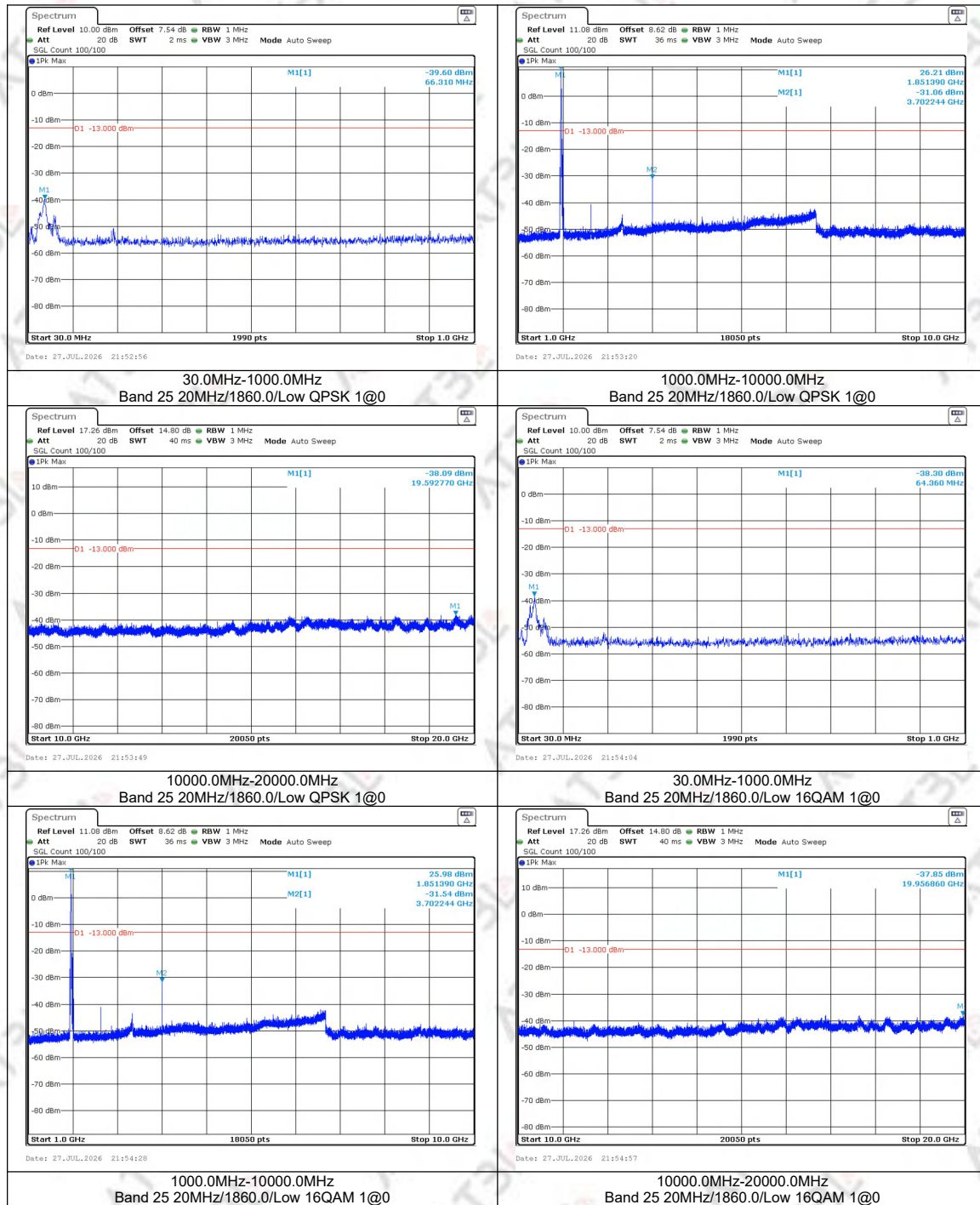
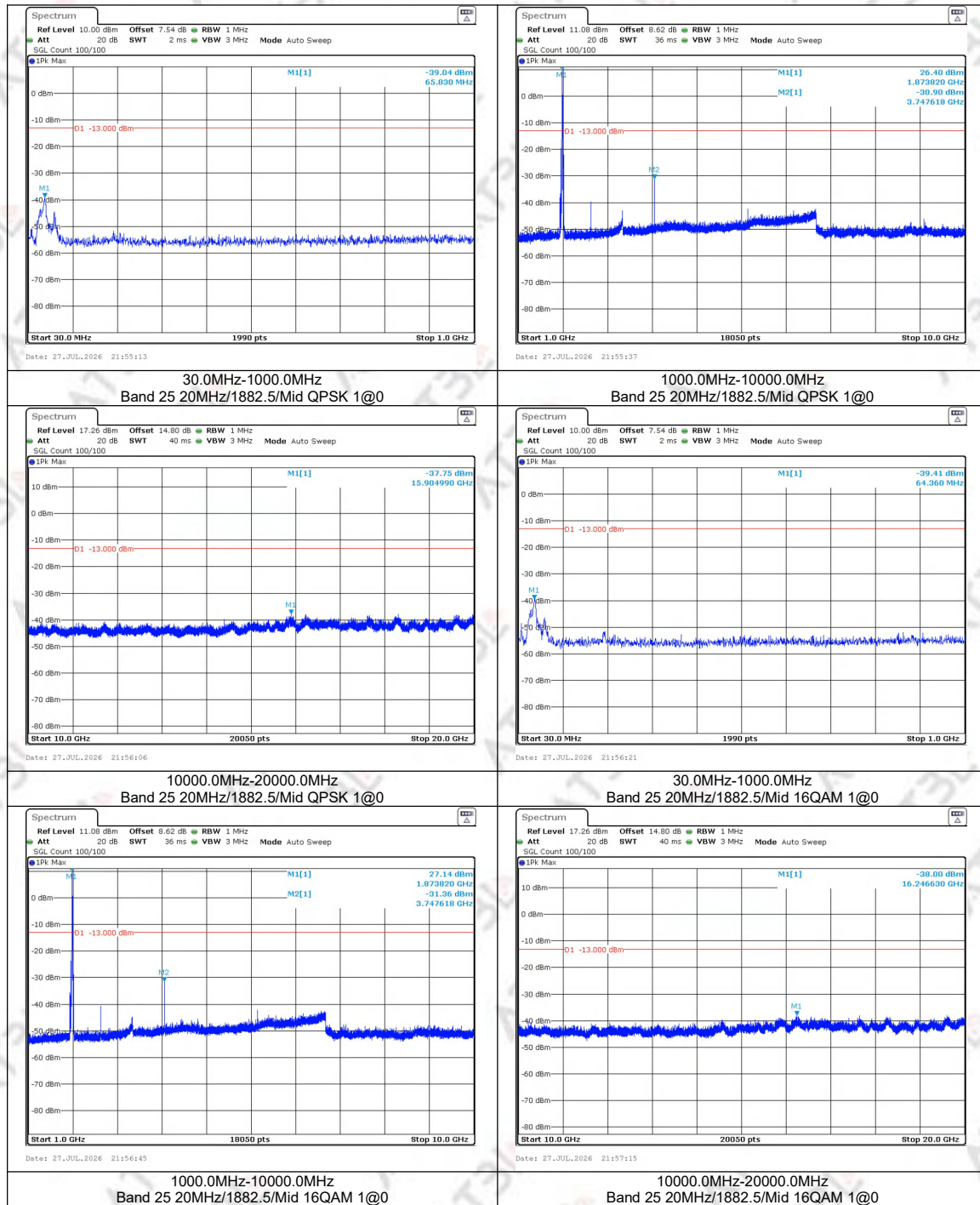


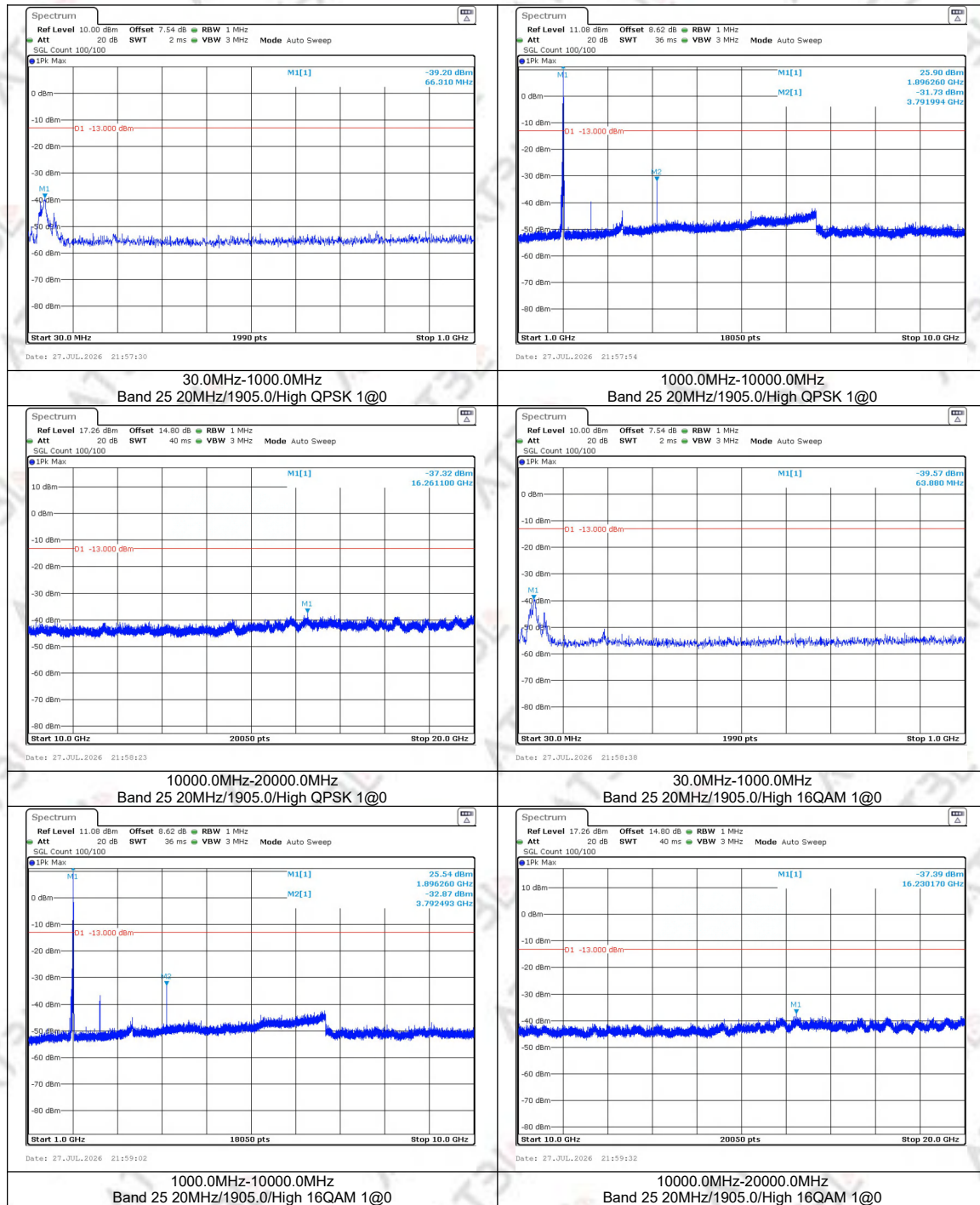












6.Frequency Stability-TN/VN

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	-17.24	-0.00931	±2.5	PASS	TN/VN
25	1.4	26047	1850.7	16QAM	6@0	-5.85	-0.00316	±2.5	PASS	TN/VN
25	1.4	26365	1882.5	QPSK	6@0	-34.63	-0.0184	±2.5	PASS	TN/VN
25	1.4	26365	1882.5	16QAM	6@0	-37.24	-0.01978	±2.5	PASS	TN/VN
25	1.4	26683	1914.3	QPSK	6@0	-17.19	-0.00898	±2.5	PASS	TN/VN
25	1.4	26683	1914.3	16QAM	6@0	-8.44	-0.00441	±2.5	PASS	TN/VN
25	3.0	26055	1851.5	QPSK	15@0	-21.44	-0.01158	±2.5	PASS	TN/VN
25	3.0	26055	1851.5	16QAM	15@0	-14.95	-0.00807	±2.5	PASS	TN/VN
25	3.0	26365	1882.5	QPSK	15@0	-41.7	-0.02215	±2.5	PASS	TN/VN
25	3.0	26365	1882.5	16QAM	15@0	-41.93	-0.02227	±2.5	PASS	TN/VN
25	3.0	26675	1913.5	QPSK	15@0	-21.83	-0.01141	±2.5	PASS	TN/VN
25	3.0	26675	1913.5	16QAM	15@0	5.29	0.00277	±2.5	PASS	TN/VN
25	5.0	26065	1852.5	QPSK	25@0	-19.96	-0.01077	±2.5	PASS	TN/VN
25	5.0	26065	1852.5	16QAM	25@0	-3.35	-0.00181	±2.5	PASS	TN/VN
25	5.0	26365	1882.5	QPSK	25@0	-36.99	-0.01965	±2.5	PASS	TN/VN
25	5.0	26365	1882.5	16QAM	25@0	-24.89	-0.01322	±2.5	PASS	TN/VN
25	5.0	26665	1912.5	QPSK	25@0	-12.82	-0.0067	±2.5	PASS	TN/VN
25	5.0	26665	1912.5	16QAM	25@0	-12.33	-0.00645	±2.5	PASS	TN/VN
25	10.0	26090	1855.0	QPSK	50@0	-0.69	-0.00037	±2.5	PASS	TN/VN
25	10.0	26090	1855.0	16QAM	50@0	-27.87	-0.01502	±2.5	PASS	TN/VN
25	10.0	26365	1882.5	QPSK	50@0	-24.02	-0.01276	±2.5	PASS	TN/VN
25	10.0	26365	1882.5	16QAM	50@0	-1.59	-0.00084	±2.5	PASS	TN/VN
25	10.0	26640	1910.0	QPSK	50@0	-12.2	-0.00639	±2.5	PASS	TN/VN
25	10.0	26640	1910.0	16QAM	50@0	-30.9	-0.01618	±2.5	PASS	TN/VN
25	15.0	26115	1857.5	QPSK	75@0	5.58	0.003	±2.5	PASS	TN/VN
25	15.0	26115	1857.5	16QAM	75@0	-27.84	-0.01499	±2.5	PASS	TN/VN
25	15.0	26365	1882.5	QPSK	75@0	-12.97	-0.00689	±2.5	PASS	TN/VN
25	15.0	26365	1882.5	16QAM	75@0	-32.79	-0.01742	±2.5	PASS	TN/VN
25	15.0	26615	1907.5	QPSK	75@0	-3.45	-0.00181	±2.5	PASS	TN/VN
25	15.0	26615	1907.5	16QAM	75@0	-9.2	-0.00482	±2.5	PASS	TN/VN
25	20.0	26140	1860.0	QPSK	100@0	-7.32	-0.00394	±2.5	PASS	TN/VN
25	20.0	26140	1860.0	16QAM	100@0	-19.58	-0.01053	±2.5	PASS	TN/VN
25	20.0	26365	1882.5	QPSK	100@0	-25.41	-0.0135	±2.5	PASS	TN/VN
25	20.0	26365	1882.5	16QAM	100@0	-9.06	-0.00481	±2.5	PASS	TN/VN
25	20.0	26590	1905.0	QPSK	100@0	-3.83	-0.00201	±2.5	PASS	TN/VN
25	20.0	26590	1905.0	16QAM	100@0	-20.44	-0.01073	±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	-38.78	-0.02095	±2.5	PASS	TL/VN
25	1.4	26047	1850.7	16QAM	6@0	-0.44	-0.00024	±2.5	PASS	TL/VN
25	1.4	26365	1882.5	QPSK	6@0	-23.66	-0.01257	±2.5	PASS	TL/VN
25	1.4	26365	1882.5	16QAM	6@0	-19.84	-0.01054	±2.5	PASS	TL/VN
25	1.4	26683	1914.3	QPSK	6@0	-15.06	-0.00787	±2.5	PASS	TL/VN
25	1.4	26683	1914.3	16QAM	6@0	-57.99	-0.03029	±2.5	PASS	TL/VN
25	3.0	26055	1851.5	QPSK	15@0	24.59	0.01328	±2.5	PASS	TL/VN
25	3.0	26055	1851.5	16QAM	15@0	-20.3	-0.01096	±2.5	PASS	TL/VN
25	3.0	26365	1882.5	QPSK	15@0	-47.51	-0.02524	±2.5	PASS	TL/VN
25	3.0	26365	1882.5	16QAM	15@0	-49.92	-0.02652	±2.5	PASS	TL/VN
25	3.0	26675	1913.5	QPSK	15@0	-39.77	-0.02078	±2.5	PASS	TL/VN
25	3.0	26675	1913.5	16QAM	15@0	-22.99	-0.01201	±2.5	PASS	TL/VN
25	5.0	26065	1852.5	QPSK	25@0	16.15	0.00872	±2.5	PASS	TL/VN
25	5.0	26065	1852.5	16QAM	25@0	-38.02	-0.02053	±2.5	PASS	TL/VN
25	5.0	26365	1882.5	QPSK	25@0	-33.93	-0.01802	±2.5	PASS	TL/VN
25	5.0	26365	1882.5	16QAM	25@0	-4.95	-0.00263	±2.5	PASS	TL/VN
25	5.0	26665	1912.5	QPSK	25@0	-12.97	-0.00678	±2.5	PASS	TL/VN
25	5.0	26665	1912.5	16QAM	25@0	-40.77	-0.02132	±2.5	PASS	TL/VN
25	10.0	26090	1855.0	QPSK	50@0	12.6	0.00679	±2.5	PASS	TL/VN
25	10.0	26090	1855.0	16QAM	50@0	-14.75	-0.00795	±2.5	PASS	TL/VN
25	10.0	26365	1882.5	QPSK	50@0	-49.67	-0.02638	±2.5	PASS	TL/VN
25	10.0	26365	1882.5	16QAM	50@0	-42.44	-0.02255	±2.5	PASS	TL/VN
25	10.0	26640	1910.0	QPSK	50@0	-8.54	-0.00447	±2.5	PASS	TL/VN
25	10.0	26640	1910.0	16QAM	50@0	-49.21	-0.02576	±2.5	PASS	TL/VN
25	15.0	26115	1857.5	QPSK	75@0	18.48	0.00995	±2.5	PASS	TL/VN
25	15.0	26115	1857.5	16QAM	75@0	-32.34	-0.01741	±2.5	PASS	TL/VN
25	15.0	26365	1882.5	QPSK	75@0	-36.61	-0.01945	±2.5	PASS	TL/VN
25	15.0	26365	1882.5	16QAM	75@0	-34.92	-0.01855	±2.5	PASS	TL/VN
25	15.0	26615	1907.5	QPSK	75@0	-22.82	-0.01196	±2.5	PASS	TL/VN
25	15.0	26615	1907.5	16QAM	75@0	-50.85	-0.02666	±2.5	PASS	TL/VN
25	20.0	26140	1860.0	QPSK	100@0	13.49	0.00725	±2.5	PASS	TL/VN
25	20.0	26140	1860.0	16QAM	100@0	-31.99	-0.0172	±2.5	PASS	TL/VN
25	20.0	26365	1882.5	QPSK	100@0	2.89	0.00153	±2.5	PASS	TL/VN
25	20.0	26365	1882.5	16QAM	100@0	-19.24	-0.01022	±2.5	PASS	TL/VN
25	20.0	26590	1905.0	QPSK	100@0	-34.4	-0.01806	±2.5	PASS	TL/VN
25	20.0	26590	1905.0	16QAM	100@0	-17.08	-0.00897	±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	8.45	0.00457	±2.5	PASS	TH/VH
25	1.4	26047	1850.7	16QAM	6@0	-9.86	-0.00533	±2.5	PASS	TH/VH
25	1.4	26365	1882.5	QPSK	6@0	-23.29	-0.01237	±2.5	PASS	TH/VH
25	1.4	26365	1882.5	16QAM	6@0	-20.81	-0.01106	±2.5	PASS	TH/VH
25	1.4	26683	1914.3	QPSK	6@0	-12.97	-0.00678	±2.5	PASS	TH/VH
25	1.4	26683	1914.3	16QAM	6@0	-52.96	-0.02766	±2.5	PASS	TH/VH
25	3.0	26055	1851.5	QPSK	15@0	31.11	0.0168	±2.5	PASS	TH/VH
25	3.0	26055	1851.5	16QAM	15@0	-28.07	-0.01516	±2.5	PASS	TH/VH
25	3.0	26365	1882.5	QPSK	15@0	3.25	0.00172	±2.5	PASS	TH/VH
25	3.0	26365	1882.5	16QAM	15@0	-18.64	-0.0099	±2.5	PASS	TH/VH
25	3.0	26675	1913.5	QPSK	15@0	-19.47	-0.01017	±2.5	PASS	TH/VH
25	3.0	26675	1913.5	16QAM	15@0	-10.69	-0.00558	±2.5	PASS	TH/VH
25	5.0	26065	1852.5	QPSK	25@0	28.84	0.01557	±2.5	PASS	TH/VH
25	5.0	26065	1852.5	16QAM	25@0	-28.8	-0.01554	±2.5	PASS	TH/VH
25	5.0	26365	1882.5	QPSK	25@0	-38.85	-0.02064	±2.5	PASS	TH/VH
25	5.0	26365	1882.5	16QAM	25@0	-14.51	-0.00771	±2.5	PASS	TH/VH
25	5.0	26665	1912.5	QPSK	25@0	-19.45	-0.01017	±2.5	PASS	TH/VH
25	5.0	26665	1912.5	16QAM	25@0	-47.56	-0.02487	±2.5	PASS	TH/VH
25	10.0	26090	1855.0	QPSK	50@0	19.1	0.0103	±2.5	PASS	TH/VH
25	10.0	26090	1855.0	16QAM	50@0	-26.32	-0.01419	±2.5	PASS	TH/VH
25	10.0	26365	1882.5	QPSK	50@0	-24.39	-0.01296	±2.5	PASS	TH/VH
25	10.0	26365	1882.5	16QAM	50@0	-3.71	-0.00197	±2.5	PASS	TH/VH
25	10.0	26640	1910.0	QPSK	50@0	-3.26	-0.00171	±2.5	PASS	TH/VH
25	10.0	26640	1910.0	16QAM	50@0	-23.93	-0.01253	±2.5	PASS	TH/VH
25	15.0	26115	1857.5	QPSK	75@0	29.63	0.01595	±2.5	PASS	TH/VH
25	15.0	26115	1857.5	16QAM	75@0	-12.4	-0.00668	±2.5	PASS	TH/VH
25	15.0	26365	1882.5	QPSK	75@0	-30.8	-0.01636	±2.5	PASS	TH/VH
25	15.0	26365	1882.5	16QAM	75@0	1.03	0.00055	±2.5	PASS	TH/VH
25	15.0	26615	1907.5	QPSK	75@0	-11.83	-0.0062	±2.5	PASS	TH/VH
25	15.0	26615	1907.5	16QAM	75@0	-29.37	-0.0154	±2.5	PASS	TH/VH
25	20.0	26140	1860.0	QPSK	100@0	20.43	0.01098	±2.5	PASS	TH/VH
25	20.0	26140	1860.0	16QAM	100@0	-28.27	-0.0152	±2.5	PASS	TH/VH
25	20.0	26365	1882.5	QPSK	100@0	-23.67	-0.01258	±2.5	PASS	TH/VH
25	20.0	26365	1882.5	16QAM	100@0	-16.61	-0.00882	±2.5	PASS	TH/VH
25	20.0	26590	1905.0	QPSK	100@0	-6.78	-0.00356	±2.5	PASS	TH/VH
25	20.0	26590	1905.0	16QAM	100@0	-26.62	-0.01397	±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	-33.7	-0.01821	±2.5	PASS	TH/VL
25	1.4	26047	1850.7	16QAM	6@0	7.35	0.00397	±2.5	PASS	TH/VL
25	1.4	26365	1882.5	QPSK	6@0	-19.81	-0.01052	±2.5	PASS	TH/VL
25	1.4	26365	1882.5	16QAM	6@0	-24.69	-0.01312	±2.5	PASS	TH/VL
25	1.4	26683	1914.3	QPSK	6@0	-12.46	-0.00651	±2.5	PASS	TH/VL
25	1.4	26683	1914.3	16QAM	6@0	-9.34	-0.00488	±2.5	PASS	TH/VL
25	3.0	26055	1851.5	QPSK	15@0	28.15	0.01521	±2.5	PASS	TH/VL
25	3.0	26055	1851.5	16QAM	15@0	-23.67	-0.01279	±2.5	PASS	TH/VL
25	3.0	26365	1882.5	QPSK	15@0	-28.81	-0.0153	±2.5	PASS	TH/VL
25	3.0	26365	1882.5	16QAM	15@0	-6.15	-0.00327	±2.5	PASS	TH/VL
25	3.0	26675	1913.5	QPSK	15@0	-17.6	-0.0092	±2.5	PASS	TH/VL
25	3.0	26675	1913.5	16QAM	15@0	-47.62	-0.02489	±2.5	PASS	TH/VL
25	5.0	26065	1852.5	QPSK	25@0	24.08	0.013	±2.5	PASS	TH/VL
25	5.0	26065	1852.5	16QAM	25@0	-21.16	-0.01142	±2.5	PASS	TH/VL
25	5.0	26365	1882.5	QPSK	25@0	1.47	0.00078	±2.5	PASS	TH/VL
25	5.0	26365	1882.5	16QAM	25@0	1.02	0.00054	±2.5	PASS	TH/VL
25	5.0	26665	1912.5	QPSK	25@0	-31.13	-0.01628	±2.5	PASS	TH/VL
25	5.0	26665	1912.5	16QAM	25@0	-21.19	-0.01108	±2.5	PASS	TH/VL
25	10.0	26090	1855.0	QPSK	50@0	32.89	0.01773	±2.5	PASS	TH/VL
25	10.0	26090	1855.0	16QAM	50@0	-14.91	-0.00804	±2.5	PASS	TH/VL
25	10.0	26365	1882.5	QPSK	50@0	-7.01	-0.00372	±2.5	PASS	TH/VL
25	10.0	26365	1882.5	16QAM	50@0	-19.35	-0.01028	±2.5	PASS	TH/VL
25	10.0	26640	1910.0	QPSK	50@0	-22.23	-0.01164	±2.5	PASS	TH/VL
25	10.0	26640	1910.0	16QAM	50@0	-13.98	-0.00732	±2.5	PASS	TH/VL
25	15.0	26115	1857.5	QPSK	75@0	18.44	0.00993	±2.5	PASS	TH/VL
25	15.0	26115	1857.5	16QAM	75@0	-38.64	-0.0208	±2.5	PASS	TH/VL
25	15.0	26365	1882.5	QPSK	75@0	-34.72	-0.01844	±2.5	PASS	TH/VL
25	15.0	26365	1882.5	16QAM	75@0	-9.06	-0.00481	±2.5	PASS	TH/VL
25	15.0	26615	1907.5	QPSK	75@0	-6.19	-0.00325	±2.5	PASS	TH/VL
25	15.0	26615	1907.5	16QAM	75@0	-31.11	-0.01631	±2.5	PASS	TH/VL
25	20.0	26140	1860.0	QPSK	100@0	1.32	0.00071	±2.5	PASS	TH/VL
25	20.0	26140	1860.0	16QAM	100@0	-48.14	-0.02588	±2.5	PASS	TH/VL
25	20.0	26365	1882.5	QPSK	100@0	-7.28	-0.00387	±2.5	PASS	TH/VL
25	20.0	26365	1882.5	16QAM	100@0	-21.39	-0.01136	±2.5	PASS	TH/VL
25	20.0	26590	1905.0	QPSK	100@0	-26.75	-0.01404	±2.5	PASS	TH/VL
25	20.0	26590	1905.0	16QAM	100@0	-1.03	-0.00054	±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	-39.47	-0.02133	±2.5	PASS	TH/VN
25	1.4	26047	1850.7	16QAM	6@0	-8.57	-0.00463	±2.5	PASS	TH/VN
25	1.4	26365	1882.5	QPSK	6@0	-46.89	-0.02491	±2.5	PASS	TH/VN
25	1.4	26365	1882.5	16QAM	6@0	1.82	0.00097	±2.5	PASS	TH/VN
25	1.4	26683	1914.3	QPSK	6@0	-20.2	-0.01055	±2.5	PASS	TH/VN
25	1.4	26683	1914.3	16QAM	6@0	-21.41	-0.01119	±2.5	PASS	TH/VN
25	3.0	26055	1851.5	QPSK	15@0	7.4	0.00399	±2.5	PASS	TH/VN
25	3.0	26055	1851.5	16QAM	15@0	-24.89	-0.01344	±2.5	PASS	TH/VN
25	3.0	26365	1882.5	QPSK	15@0	-10.23	-0.00543	±2.5	PASS	TH/VN
25	3.0	26365	1882.5	16QAM	15@0	-49.68	-0.02639	±2.5	PASS	TH/VN
25	3.0	26675	1913.5	QPSK	15@0	-32.54	-0.01701	±2.5	PASS	TH/VN
25	3.0	26675	1913.5	16QAM	15@0	-37.68	-0.01969	±2.5	PASS	TH/VN
25	5.0	26065	1852.5	QPSK	25@0	49.67	0.02681	±2.5	PASS	TH/VN
25	5.0	26065	1852.5	16QAM	25@0	-19.77	-0.01067	±2.5	PASS	TH/VN
25	5.0	26365	1882.5	QPSK	25@0	-27.62	-0.01467	±2.5	PASS	TH/VN
25	5.0	26365	1882.5	16QAM	25@0	-19.8	-0.01052	±2.5	PASS	TH/VN
25	5.0	26665	1912.5	QPSK	25@0	-37.26	-0.01948	±2.5	PASS	TH/VN
25	5.0	26665	1912.5	16QAM	25@0	-43.37	-0.02268	±2.5	PASS	TH/VN
25	10.0	26090	1855.0	QPSK	50@0	7.3	0.00393	±2.5	PASS	TH/VN
25	10.0	26090	1855.0	16QAM	50@0	-7.47	-0.00403	±2.5	PASS	TH/VN
25	10.0	26365	1882.5	QPSK	50@0	-8.57	-0.00455	±2.5	PASS	TH/VN
25	10.0	26365	1882.5	16QAM	50@0	-25.12	-0.01334	±2.5	PASS	TH/VN
25	10.0	26640	1910.0	QPSK	50@0	-19.51	-0.01022	±2.5	PASS	TH/VN
25	10.0	26640	1910.0	16QAM	50@0	-56.13	-0.02939	±2.5	PASS	TH/VN
25	15.0	26115	1857.5	QPSK	75@0	27.88	0.01501	±2.5	PASS	TH/VN
25	15.0	26115	1857.5	16QAM	75@0	-12.3	-0.00662	±2.5	PASS	TH/VN
25	15.0	26365	1882.5	QPSK	75@0	-29.93	-0.0159	±2.5	PASS	TH/VN
25	15.0	26365	1882.5	16QAM	75@0	-24.5	-0.01302	±2.5	PASS	TH/VN
25	15.0	26615	1907.5	QPSK	75@0	-22.43	-0.01176	±2.5	PASS	TH/VN
25	15.0	26615	1907.5	16QAM	75@0	-39.18	-0.02054	±2.5	PASS	TH/VN
25	20.0	26140	1860.0	QPSK	100@0	37.21	0.02	±2.5	PASS	TH/VN
25	20.0	26140	1860.0	16QAM	100@0	-53.76	-0.0289	±2.5	PASS	TH/VN
25	20.0	26365	1882.5	QPSK	100@0	-29.8	-0.01583	±2.5	PASS	TH/VN
25	20.0	26365	1882.5	16QAM	100@0	-45.91	-0.02439	±2.5	PASS	TH/VN
25	20.0	26590	1905.0	QPSK	100@0	-12.53	-0.00658	±2.5	PASS	TH/VN
25	20.0	26590	1905.0	16QAM	100@0	-32.36	-0.01699	±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	-29.83	-0.01612	±2.5	PASS	TL/VH
25	1.4	26047	1850.7	16QAM	6@0	-43.27	-0.02338	±2.5	PASS	TL/VH
25	1.4	26365	1882.5	QPSK	6@0	-37.68	-0.02002	±2.5	PASS	TL/VH
25	1.4	26365	1882.5	16QAM	6@0	-8.05	-0.00428	±2.5	PASS	TL/VH
25	1.4	26683	1914.3	QPSK	6@0	-7.72	-0.00404	±2.5	PASS	TL/VH
25	1.4	26683	1914.3	16QAM	6@0	-27.75	-0.0145	±2.5	PASS	TL/VH
25	3.0	26055	1851.5	QPSK	15@0	-44.86	-0.02423	±2.5	PASS	TL/VH
25	3.0	26055	1851.5	16QAM	15@0	-45.7	-0.02469	±2.5	PASS	TL/VH
25	3.0	26365	1882.5	QPSK	15@0	-8.04	-0.00427	±2.5	PASS	TL/VH
25	3.0	26365	1882.5	16QAM	15@0	-17.45	-0.00927	±2.5	PASS	TL/VH
25	3.0	26675	1913.5	QPSK	15@0	-10.49	-0.00548	±2.5	PASS	TL/VH
25	3.0	26675	1913.5	16QAM	15@0	-18.25	-0.00954	±2.5	PASS	TL/VH
25	5.0	26065	1852.5	QPSK	25@0	43.22	0.02333	±2.5	PASS	TL/VH
25	5.0	26065	1852.5	16QAM	25@0	0.89	0.00048	±2.5	PASS	TL/VH
25	5.0	26365	1882.5	QPSK	25@0	-25.95	-0.01378	±2.5	PASS	TL/VH
25	5.0	26365	1882.5	16QAM	25@0	-40.51	-0.02152	±2.5	PASS	TL/VH
25	5.0	26665	1912.5	QPSK	25@0	-3.15	-0.00165	±2.5	PASS	TL/VH
25	5.0	26665	1912.5	16QAM	25@0	-19.08	-0.00998	±2.5	PASS	TL/VH
25	10.0	26090	1855.0	QPSK	50@0	33.9	0.01828	±2.5	PASS	TL/VH
25	10.0	26090	1855.0	16QAM	50@0	-9.93	-0.00535	±2.5	PASS	TL/VH
25	10.0	26365	1882.5	QPSK	50@0	-51.4	-0.0273	±2.5	PASS	TL/VH
25	10.0	26365	1882.5	16QAM	50@0	-30.4	-0.01615	±2.5	PASS	TL/VH
25	10.0	26640	1910.0	QPSK	50@0	-11.03	-0.00577	±2.5	PASS	TL/VH
25	10.0	26640	1910.0	16QAM	50@0	-41.06	-0.0215	±2.5	PASS	TL/VH
25	15.0	26115	1857.5	QPSK	75@0	28.8	0.0155	±2.5	PASS	TL/VH
25	15.0	26115	1857.5	16QAM	75@0	-14.59	-0.00786	±2.5	PASS	TL/VH
25	15.0	26365	1882.5	QPSK	75@0	-27.18	-0.01444	±2.5	PASS	TL/VH
25	15.0	26365	1882.5	16QAM	75@0	-5.88	-0.00312	±2.5	PASS	TL/VH
25	15.0	26615	1907.5	QPSK	75@0	-5.88	-0.00308	±2.5	PASS	TL/VH
25	15.0	26615	1907.5	16QAM	75@0	-24.32	-0.01275	±2.5	PASS	TL/VH
25	20.0	26140	1860.0	QPSK	100@0	32.67	0.01757	±2.5	PASS	TL/VH
25	20.0	26140	1860.0	16QAM	100@0	-49.31	-0.02651	±2.5	PASS	TL/VH
25	20.0	26365	1882.5	QPSK	100@0	-4.94	-0.00262	±2.5	PASS	TL/VH
25	20.0	26365	1882.5	16QAM	100@0	-15.74	-0.00836	±2.5	PASS	TL/VH
25	20.0	26590	1905.0	QPSK	100@0	-18.84	-0.00989	±2.5	PASS	TL/VH
25	20.0	26590	1905.0	16QAM	100@0	-50.57	-0.02655	±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
25	1.4	26047	1850.7	QPSK	6@0	-4.49	-0.00243	±2.5	PASS	TN/VH
25	1.4	26047	1850.7	16QAM	6@0	-23.16	-0.01251	±2.5	PASS	TN/VH
25	1.4	26365	1882.5	QPSK	6@0	-12.62	-0.0067	±2.5	PASS	TN/VH
25	1.4	26365	1882.5	16QAM	6@0	-40.21	-0.02136	±2.5	PASS	TN/VH
25	1.4	26683	1914.3	QPSK	6@0	-27.49	-0.01436	±2.5	PASS	TN/VH
25	1.4	26683	1914.3	16QAM	6@0	-31.47	-0.01644	±2.5	PASS	TN/VH
25	3.0	26055	1851.5	QPSK	15@0	39.32	0.02124	±2.5	PASS	TN/VH
25	3.0	26055	1851.5	16QAM	15@0	-25.51	-0.01378	±2.5	PASS	TN/VH
25	3.0	26365	1882.5	QPSK	15@0	-42.24	-0.02244	±2.5	PASS	TN/VH
25	3.0	26365	1882.5	16QAM	15@0	-40.3	-0.02141	±2.5	PASS	TN/VH
25	3.0	26675	1913.5	QPSK	15@0	-8.05	-0.00421	±2.5	PASS	TN/VH
25	3.0	26675	1913.5	16QAM	15@0	-25.75	-0.01346	±2.5	PASS	TN/VH
25	5.0	26065	1852.5	QPSK	25@0	38.72	0.0209	±2.5	PASS	TN/VH
25	5.0	26065	1852.5	16QAM	25@0	-59.87	-0.03232	±2.5	PASS	TN/VH
25	5.0	26365	1882.5	QPSK	25@0	-25.01	-0.01328	±2.5	PASS	TN/VH
25	5.0	26365	1882.5	16QAM	25@0	-43.32	-0.02301	±2.5	PASS	TN/VH
25	5.0	26665	1912.5	QPSK	25@0	-34.4	-0.01799	±2.5	PASS	TN/VH
25	5.0	26665	1912.5	16QAM	25@0	-16.19	-0.00847	±2.5	PASS	TN/VH
25	10.0	26090	1855.0	QPSK	50@0	20.21	0.0109	±2.5	PASS	TN/VH
25	10.0	26090	1855.0	16QAM	50@0	-55.12	-0.02971	±2.5	PASS	TN/VH
25	10.0	26365	1882.5	QPSK	50@0	-24.55	-0.01304	±2.5	PASS	TN/VH
25	10.0	26365	1882.5	16QAM	50@0	-5.97	-0.00317	±2.5	PASS	TN/VH
25	10.0	26640	1910.0	QPSK	50@0	-34.68	-0.01815	±2.5	PASS	TN/VH
25	10.0	26640	1910.0	16QAM	50@0	-39.55	-0.02071	±2.5	PASS	TN/VH
25	15.0	26115	1857.5	QPSK	75@0	40.58	0.02185	±2.5	PASS	TN/VH
25	15.0	26115	1857.5	16QAM	75@0	-31.0	-0.01669	±2.5	PASS	TN/VH
25	15.0	26365	1882.5	QPSK	75@0	-41.31	-0.02195	±2.5	PASS	TN/VH
25	15.0	26365	1882.5	16QAM	75@0	-1.2	-0.00064	±2.5	PASS	TN/VH
25	15.0	26615	1907.5	QPSK	75@0	-21.67	-0.01136	±2.5	PASS	TN/VH
25	15.0	26615	1907.5	16QAM	75@0	-3.53	-0.00185	±2.5	PASS	TN/VH
25	20.0	26140	1860.0	QPSK	100@0	41.43	0.02227	±2.5	PASS	TN/VH
25	20.0	26140	1860.0	16QAM	100@0	-24.4	-0.01312	±2.5	PASS	TN/VH
25	20.0	26365	1882.5	QPSK	100@0	-32.62	-0.01733	±2.5	PASS	TN/VH
25	20.0	26365	1882.5	16QAM	100@0	-36.39	-0.01933	±2.5	PASS	TN/VH
25	20.0	26590	1905.0	QPSK	100@0	-19.21	-0.01008	±2.5	PASS	TN/VH
25	20.0	26590	1905.0	16QAM	100@0	-43.56	-0.02287	±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	-28.75	-0.01554	±2.5	PASS	TN/VL
25	1.4	26047	1850.7	16QAM	6@0	-36.75	-0.01986	±2.5	PASS	TN/VL
25	1.4	26365	1882.5	QPSK	6@0	-21.49	-0.01141	±2.5	PASS	TN/VL
25	1.4	26365	1882.5	16QAM	6@0	-50.6	-0.02688	±2.5	PASS	TN/VL
25	1.4	26683	1914.3	QPSK	6@0	-32.26	-0.01685	±2.5	PASS	TN/VL
25	1.4	26683	1914.3	16QAM	6@0	-20.54	-0.01073	±2.5	PASS	TN/VL
25	3.0	26055	1851.5	QPSK	15@0	28.47	0.01538	±2.5	PASS	TN/VL
25	3.0	26055	1851.5	16QAM	15@0	-47.45	-0.02563	±2.5	PASS	TN/VL
25	3.0	26365	1882.5	QPSK	15@0	-45.73	-0.02429	±2.5	PASS	TN/VL
25	3.0	26365	1882.5	16QAM	15@0	-30.94	-0.01644	±2.5	PASS	TN/VL
25	3.0	26675	1913.5	QPSK	15@0	14.98	0.00783	±2.5	PASS	TN/VL
25	3.0	26675	1913.5	16QAM	15@0	-33.59	-0.01755	±2.5	PASS	TN/VL
25	5.0	26065	1852.5	QPSK	25@0	35.39	0.0191	±2.5	PASS	TN/VL
25	5.0	26065	1852.5	16QAM	25@0	-34.52	-0.01863	±2.5	PASS	TN/VL
25	5.0	26365	1882.5	QPSK	25@0	-49.58	-0.02634	±2.5	PASS	TN/VL
25	5.0	26365	1882.5	16QAM	25@0	-36.91	-0.01961	±2.5	PASS	TN/VL
25	5.0	26665	1912.5	QPSK	25@0	-1.92	-0.001	±2.5	PASS	TN/VL
25	5.0	26665	1912.5	16QAM	25@0	-22.22	-0.01162	±2.5	PASS	TN/VL
25	10.0	26090	1855.0	QPSK	50@0	45.68	0.02462	±2.5	PASS	TN/VL
25	10.0	26090	1855.0	16QAM	50@0	-0.41	-0.00022	±2.5	PASS	TN/VL
25	10.0	26365	1882.5	QPSK	50@0	-30.67	-0.01629	±2.5	PASS	TN/VL
25	10.0	26365	1882.5	16QAM	50@0	-6.45	-0.00343	±2.5	PASS	TN/VL
25	10.0	26640	1910.0	QPSK	50@0	0.69	0.00036	±2.5	PASS	TN/VL
25	10.0	26640	1910.0	16QAM	50@0	-14.28	-0.00747	±2.5	PASS	TN/VL
25	15.0	26115	1857.5	QPSK	75@0	19.28	0.01038	±2.5	PASS	TN/VL
25	15.0	26115	1857.5	16QAM	75@0	-24.15	-0.013	±2.5	PASS	TN/VL
25	15.0	26365	1882.5	QPSK	75@0	-4.86	-0.00258	±2.5	PASS	TN/VL
25	15.0	26365	1882.5	16QAM	75@0	-34.83	-0.0185	±2.5	PASS	TN/VL
25	15.0	26615	1907.5	QPSK	75@0	-38.11	-0.01998	±2.5	PASS	TN/VL
25	15.0	26615	1907.5	16QAM	75@0	-3.18	-0.00166	±2.5	PASS	TN/VL
25	20.0	26140	1860.0	QPSK	100@0	3.39	0.00182	±2.5	PASS	TN/VL
25	20.0	26140	1860.0	16QAM	100@0	-6.71	-0.00361	±2.5	PASS	TN/VL
25	20.0	26365	1882.5	QPSK	100@0	-14.13	-0.00751	±2.5	PASS	TN/VL
25	20.0	26365	1882.5	16QAM	100@0	-53.76	-0.02856	±2.5	PASS	TN/VL
25	20.0	26590	1905.0	QPSK	100@0	-30.48	-0.016	±2.5	PASS	TN/VL
25	20.0	26590	1905.0	16QAM	100@0	-41.41	-0.02174	±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

