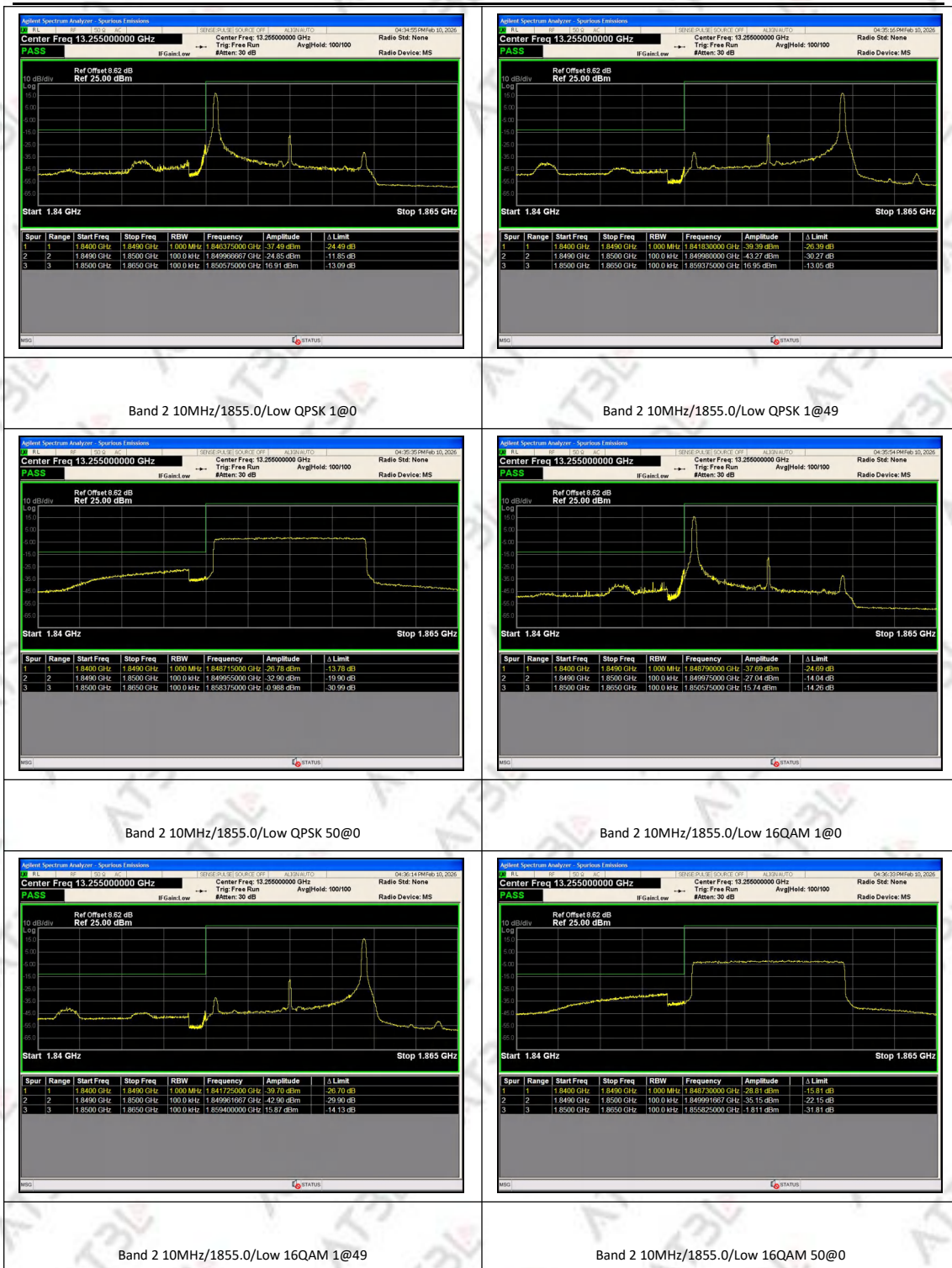
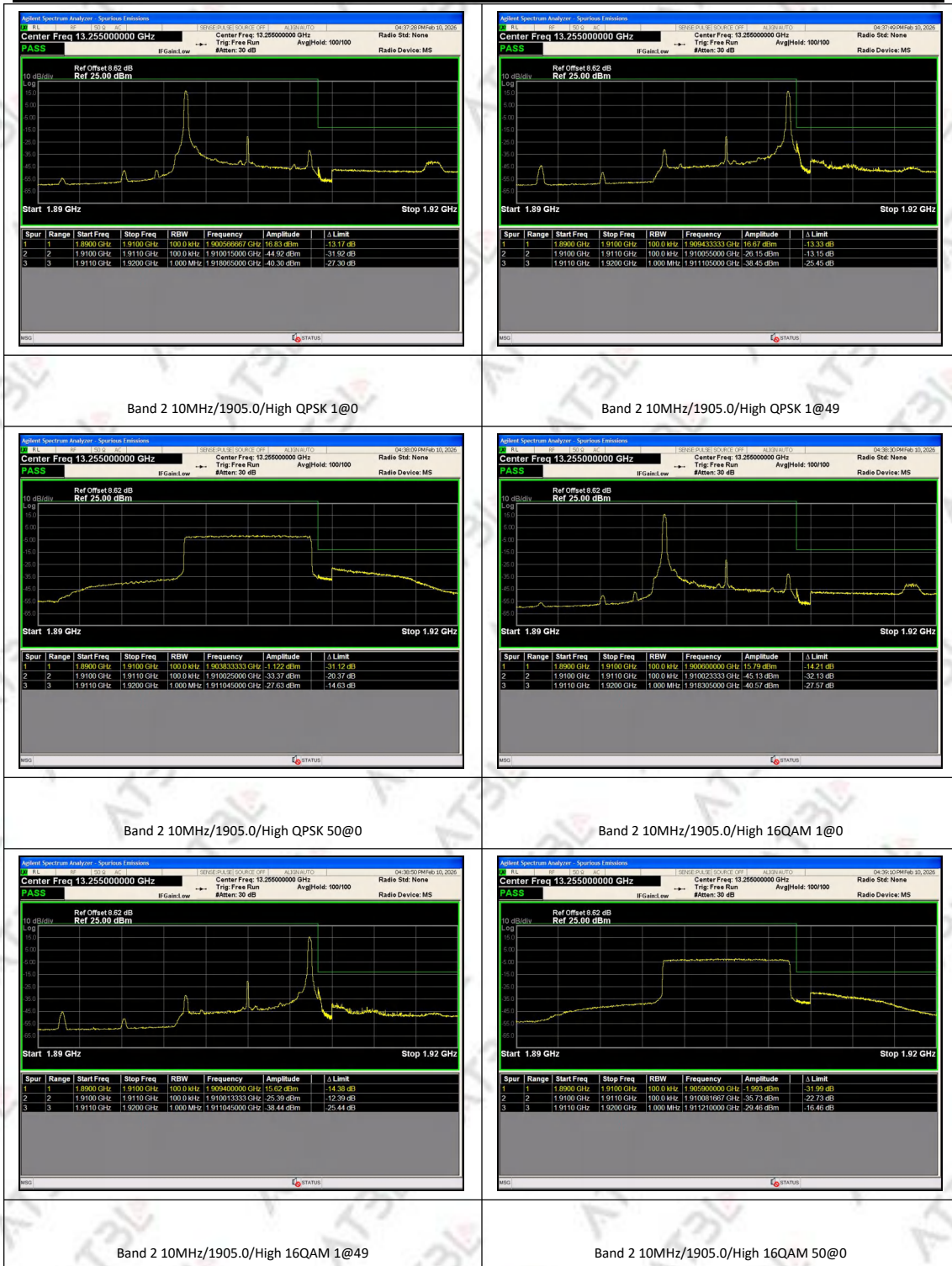
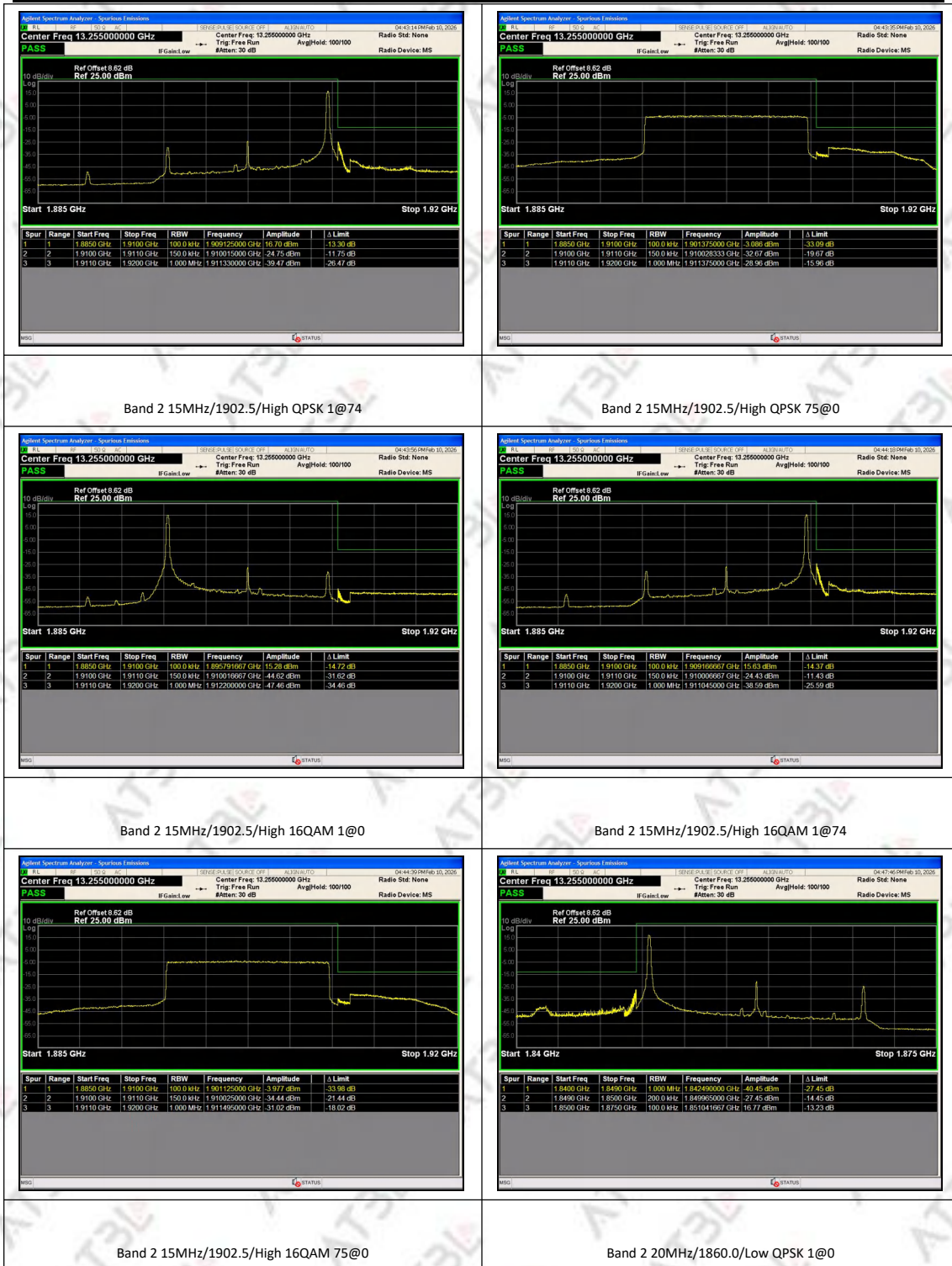
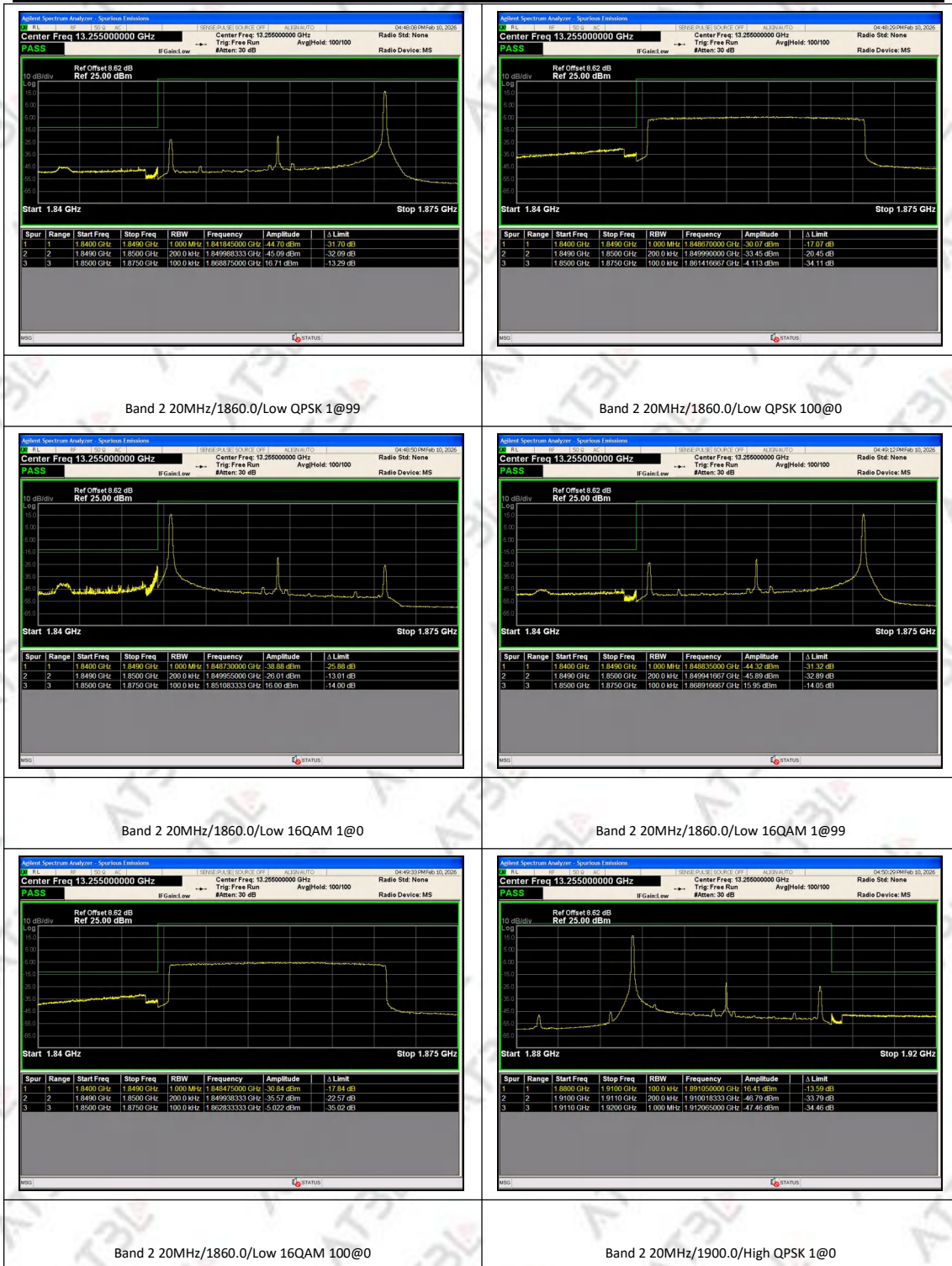














Report No.:SHATBL2512025W07



H6.Frequency Stability-TN/VN

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	18607	1850.7	QPSK	6@0	-31.16	-0.01684	±2.5	PASS	TN/VN
2	1.4	18607	1850.7	16QAM	6@0	1.23	0.00066	±2.5	PASS	TN/VN
2	1.4	18900	1880.0	QPSK	6@0	-5.82	-0.0031	±2.5	PASS	TN/VN
2	1.4	18900	1880.0	16QAM	6@0	-29.83	-0.01586	±2.5	PASS	TN/VN
2	1.4	19193	1909.3	QPSK	6@0	-20.3	-0.01063	±2.5	PASS	TN/VN
2	1.4	19193	1909.3	16QAM	6@0	-15.95	-0.00835	±2.5	PASS	TN/VN
2	3.0	18615	1851.5	QPSK	15@0	-21.97	-0.01187	±2.5	PASS	TN/VN
2	3.0	18615	1851.5	16QAM	15@0	-48.71	-0.02631	±2.5	PASS	TN/VN
2	3.0	18900	1880.0	QPSK	15@0	-27.17	-0.01445	±2.5	PASS	TN/VN
2	3.0	18900	1880.0	16QAM	15@0	-41.07	-0.02185	±2.5	PASS	TN/VN
2	3.0	19185	1908.5	QPSK	15@0	-15.92	-0.00834	±2.5	PASS	TN/VN
2	3.0	19185	1908.5	16QAM	15@0	-27.35	-0.01433	±2.5	PASS	TN/VN
2	5.0	18625	1852.5	QPSK	25@0	-36.52	-0.01971	±2.5	PASS	TN/VN
2	5.0	18625	1852.5	16QAM	25@0	2.86	0.00154	±2.5	PASS	TN/VN
2	5.0	18900	1880.0	QPSK	25@0	-15.36	-0.00817	±2.5	PASS	TN/VN
2	5.0	18900	1880.0	16QAM	25@0	-22.77	-0.01211	±2.5	PASS	TN/VN
2	5.0	19175	1907.5	QPSK	25@0	-11.84	-0.00621	±2.5	PASS	TN/VN
2	5.0	19175	1907.5	16QAM	25@0	-47.45	-0.02488	±2.5	PASS	TN/VN
2	10.0	18650	1855.0	QPSK	50@0	-21.17	-0.01141	±2.5	PASS	TN/VN
2	10.0	18650	1855.0	16QAM	50@0	-36.76	-0.01982	±2.5	PASS	TN/VN
2	10.0	18900	1880.0	QPSK	50@0	-37.49	-0.01994	±2.5	PASS	TN/VN
2	10.0	18900	1880.0	16QAM	50@0	-39.95	-0.02125	±2.5	PASS	TN/VN
2	10.0	19150	1905.0	QPSK	50@0	-27.61	-0.01449	±2.5	PASS	TN/VN
2	10.0	19150	1905.0	16QAM	50@0	-5.62	-0.00295	±2.5	PASS	TN/VN
2	15.0	18675	1857.5	QPSK	75@0	-8.9	-0.00479	±2.5	PASS	TN/VN
2	15.0	18675	1857.5	16QAM	75@0	21.31	0.01147	±2.5	PASS	TN/VN
2	15.0	18900	1880.0	QPSK	75@0	14.49	0.00771	±2.5	PASS	TN/VN
2	15.0	18900	1880.0	16QAM	75@0	3.15	0.00167	±2.5	PASS	TN/VN
2	15.0	19125	1902.5	QPSK	75@0	12.49	0.00656	±2.5	PASS	TN/VN
2	15.0	19125	1902.5	16QAM	75@0	35.36	0.01859	±2.5	PASS	TN/VN
2	20.0	18700	1860.0	QPSK	100@0	-2.2	-0.00118	±2.5	PASS	TN/VN
2	20.0	18700	1860.0	16QAM	100@0	41.54	0.02233	±2.5	PASS	TN/VN
2	20.0	18900	1880.0	QPSK	100@0	9.47	0.00504	±2.5	PASS	TN/VN
2	20.0	18900	1880.0	16QAM	100@0	24.1	0.01282	±2.5	PASS	TN/VN
2	20.0	19100	1900.0	QPSK	100@0	-0.87	-0.00046	±2.5	PASS	TN/VN
2	20.0	19100	1900.0	16QAM	100@0	3.42	0.0018	±2.5	PASS	TN/VN

Frequency Stability-TH/VH

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	18607	1850.7	QPSK	6@0	-28.97	-0.01565	±2.5	PASS	TH/VH
2	1.4	18607	1850.7	16QAM	6@0	-16.01	-0.00865	±2.5	PASS	TH/VH
2	1.4	18900	1880.0	QPSK	6@0	-22.6	-0.01202	±2.5	PASS	TH/VH
2	1.4	18900	1880.0	16QAM	6@0	9.78	0.0052	±2.5	PASS	TH/VH
2	1.4	19193	1909.3	QPSK	6@0	-15.06	-0.00789	±2.5	PASS	TH/VH
2	1.4	19193	1909.3	16QAM	6@0	-7.72	-0.00405	±2.5	PASS	TH/VH
2	3.0	18615	1851.5	QPSK	15@0	-26.69	-0.01442	±2.5	PASS	TH/VH
2	3.0	18615	1851.5	16QAM	15@0	3.52	0.0019	±2.5	PASS	TH/VH
2	3.0	18900	1880.0	QPSK	15@0	-20.23	-0.01076	±2.5	PASS	TH/VH
2	3.0	18900	1880.0	16QAM	15@0	-9.17	-0.00488	±2.5	PASS	TH/VH
2	3.0	19185	1908.5	QPSK	15@0	3.36	0.00176	±2.5	PASS	TH/VH
2	3.0	19185	1908.5	16QAM	15@0	-40.73	-0.02134	±2.5	PASS	TH/VH
2	5.0	18625	1852.5	QPSK	25@0	-25.25	-0.01363	±2.5	PASS	TH/VH
2	5.0	18625	1852.5	16QAM	25@0	-35.25	-0.01903	±2.5	PASS	TH/VH
2	5.0	18900	1880.0	QPSK	25@0	-16.22	-0.00863	±2.5	PASS	TH/VH
2	5.0	18900	1880.0	16QAM	25@0	-13.69	-0.00728	±2.5	PASS	TH/VH
2	5.0	19175	1907.5	QPSK	25@0	6.88	0.00361	±2.5	PASS	TH/VH
2	5.0	19175	1907.5	16QAM	25@0	-46.45	-0.02435	±2.5	PASS	TH/VH
2	10.0	18650	1855.0	QPSK	50@0	-21.14	-0.0114	±2.5	PASS	TH/VH
2	10.0	18650	1855.0	16QAM	50@0	-34.28	-0.01848	±2.5	PASS	TH/VH
2	10.0	18900	1880.0	QPSK	50@0	-3.92	-0.00208	±2.5	PASS	TH/VH
2	10.0	18900	1880.0	16QAM	50@0	-38.22	-0.02033	±2.5	PASS	TH/VH
2	10.0	19150	1905.0	QPSK	50@0	-12.04	-0.00632	±2.5	PASS	TH/VH
2	10.0	19150	1905.0	16QAM	50@0	-17.85	-0.00937	±2.5	PASS	TH/VH
2	15.0	18675	1857.5	QPSK	75@0	-24.35	-0.01311	±2.5	PASS	TH/VH
2	15.0	18675	1857.5	16QAM	75@0	-38.47	-0.02071	±2.5	PASS	TH/VH
2	15.0	18900	1880.0	QPSK	75@0	-6.24	-0.00332	±2.5	PASS	TH/VH
2	15.0	18900	1880.0	16QAM	75@0	-34.35	-0.01827	±2.5	PASS	TH/VH
2	15.0	19125	1902.5	QPSK	75@0	-14.13	-0.00743	±2.5	PASS	TH/VH
2	15.0	19125	1902.5	16QAM	75@0	-27.02	-0.0142	±2.5	PASS	TH/VH
2	20.0	18700	1860.0	QPSK	100@0	-12.42	-0.00668	±2.5	PASS	TH/VH
2	20.0	18700	1860.0	16QAM	100@0	-36.39	-0.01957	±2.5	PASS	TH/VH
2	20.0	18900	1880.0	QPSK	100@0	-34.19	-0.01819	±2.5	PASS	TH/VH
2	20.0	18900	1880.0	16QAM	100@0	-30.27	-0.0161	±2.5	PASS	TH/VH
2	20.0	19100	1900.0	QPSK	100@0	3.52	0.00185	±2.5	PASS	TH/VH
2	20.0	19100	1900.0	16QAM	100@0	-27.55	-0.0145	±2.5	PASS	TH/VH

Frequency Stability-TH/VL

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	18607	1850.7	QPSK	6@0	-27.69	-0.01496	±2.5	PASS	TH/VL
2	1.4	18607	1850.7	16QAM	6@0	-30.24	-0.01634	±2.5	PASS	TH/VL
2	1.4	18900	1880.0	QPSK	6@0	-20.24	-0.01077	±2.5	PASS	TH/VL
2	1.4	18900	1880.0	16QAM	6@0	-27.17	-0.01445	±2.5	PASS	TH/VL
2	1.4	19193	1909.3	QPSK	6@0	-16.16	-0.00847	±2.5	PASS	TH/VL
2	1.4	19193	1909.3	16QAM	6@0	-54.65	-0.02862	±2.5	PASS	TH/VL
2	3.0	18615	1851.5	QPSK	15@0	-7.55	-0.00408	±2.5	PASS	TH/VL
2	3.0	18615	1851.5	16QAM	15@0	-39.83	-0.02151	±2.5	PASS	TH/VL
2	3.0	18900	1880.0	QPSK	15@0	0.32	0.00017	±2.5	PASS	TH/VL
2	3.0	18900	1880.0	16QAM	15@0	-24.98	-0.01329	±2.5	PASS	TH/VL
2	3.0	19185	1908.5	QPSK	15@0	-1.37	-0.00072	±2.5	PASS	TH/VL
2	3.0	19185	1908.5	16QAM	15@0	-48.92	-0.02563	±2.5	PASS	TH/VL
2	5.0	18625	1852.5	QPSK	25@0	-18.54	-0.01001	±2.5	PASS	TH/VL
2	5.0	18625	1852.5	16QAM	25@0	-26.01	-0.01404	±2.5	PASS	TH/VL
2	5.0	18900	1880.0	QPSK	25@0	-2.29	-0.00122	±2.5	PASS	TH/VL
2	5.0	18900	1880.0	16QAM	25@0	-6.28	-0.00334	±2.5	PASS	TH/VL
2	5.0	19175	1907.5	QPSK	25@0	-9.74	-0.00511	±2.5	PASS	TH/VL
2	5.0	19175	1907.5	16QAM	25@0	-43.02	-0.02255	±2.5	PASS	TH/VL
2	10.0	18650	1855.0	QPSK	50@0	-22.75	-0.01226	±2.5	PASS	TH/VL
2	10.0	18650	1855.0	16QAM	50@0	-30.8	-0.0166	±2.5	PASS	TH/VL
2	10.0	18900	1880.0	QPSK	50@0	-13.8	-0.00734	±2.5	PASS	TH/VL
2	10.0	18900	1880.0	16QAM	50@0	-27.14	-0.01443	±2.5	PASS	TH/VL
2	10.0	19150	1905.0	QPSK	50@0	-9.08	-0.00477	±2.5	PASS	TH/VL
2	10.0	19150	1905.0	16QAM	50@0	-7.14	-0.00375	±2.5	PASS	TH/VL
2	15.0	18675	1857.5	QPSK	75@0	4.52	0.00243	±2.5	PASS	TH/VL
2	15.0	18675	1857.5	16QAM	75@0	-7.81	-0.0042	±2.5	PASS	TH/VL
2	15.0	18900	1880.0	QPSK	75@0	-18.91	-0.01006	±2.5	PASS	TH/VL
2	15.0	18900	1880.0	16QAM	75@0	-30.0	-0.01596	±2.5	PASS	TH/VL
2	15.0	19125	1902.5	QPSK	75@0	-6.09	-0.0032	±2.5	PASS	TH/VL
2	15.0	19125	1902.5	16QAM	75@0	-55.48	-0.02916	±2.5	PASS	TH/VL
2	20.0	18700	1860.0	QPSK	100@0	-5.42	-0.00291	±2.5	PASS	TH/VL
2	20.0	18700	1860.0	16QAM	100@0	-2.89	-0.00155	±2.5	PASS	TH/VL
2	20.0	18900	1880.0	QPSK	100@0	-1.46	-0.00078	±2.5	PASS	TH/VL
2	20.0	18900	1880.0	16QAM	100@0	-16.42	-0.00874	±2.5	PASS	TH/VL
2	20.0	19100	1900.0	QPSK	100@0	1.62	0.00085	±2.5	PASS	TH/VL
2	20.0	19100	1900.0	16QAM	100@0	-30.1	-0.01584	±2.5	PASS	TH/VL

Frequency Stability-TH/VN

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	18607	1850.7	QPSK	6@0	-26.84	-0.0145	±2.5	PASS	TH/VN
2	1.4	18607	1850.7	16QAM	6@0	0.32	0.00017	±2.5	PASS	TH/VN
2	1.4	18900	1880.0	QPSK	6@0	-1.54	-0.00082	±2.5	PASS	TH/VN
2	1.4	18900	1880.0	16QAM	6@0	-29.15	-0.01551	±2.5	PASS	TH/VN
2	1.4	19193	1909.3	QPSK	6@0	-11.09	-0.00581	±2.5	PASS	TH/VN
2	1.4	19193	1909.3	16QAM	6@0	-41.66	-0.02182	±2.5	PASS	TH/VN
2	3.0	18615	1851.5	QPSK	15@0	-2.75	-0.00148	±2.5	PASS	TH/VN
2	3.0	18615	1851.5	16QAM	15@0	-18.74	-0.01012	±2.5	PASS	TH/VN
2	3.0	18900	1880.0	QPSK	15@0	-4.16	-0.00221	±2.5	PASS	TH/VN
2	3.0	18900	1880.0	16QAM	15@0	-36.92	-0.01964	±2.5	PASS	TH/VN
2	3.0	19185	1908.5	QPSK	15@0	-21.37	-0.0112	±2.5	PASS	TH/VN
2	3.0	19185	1908.5	16QAM	15@0	-43.5	-0.02279	±2.5	PASS	TH/VN
2	5.0	18625	1852.5	QPSK	25@0	-22.23	-0.012	±2.5	PASS	TH/VN
2	5.0	18625	1852.5	16QAM	25@0	-33.8	-0.01825	±2.5	PASS	TH/VN
2	5.0	18900	1880.0	QPSK	25@0	-2.78	-0.00148	±2.5	PASS	TH/VN
2	5.0	18900	1880.0	16QAM	25@0	-33.82	-0.01799	±2.5	PASS	TH/VN
2	5.0	19175	1907.5	QPSK	25@0	-27.29	-0.01431	±2.5	PASS	TH/VN
2	5.0	19175	1907.5	16QAM	25@0	-2.69	-0.00141	±2.5	PASS	TH/VN
2	10.0	18650	1855.0	QPSK	50@0	-5.32	-0.00287	±2.5	PASS	TH/VN
2	10.0	18650	1855.0	16QAM	50@0	-18.12	-0.00977	±2.5	PASS	TH/VN
2	10.0	18900	1880.0	QPSK	50@0	-19.38	-0.01031	±2.5	PASS	TH/VN
2	10.0	18900	1880.0	16QAM	50@0	-25.18	-0.01339	±2.5	PASS	TH/VN
2	10.0	19150	1905.0	QPSK	50@0	-28.1	-0.01475	±2.5	PASS	TH/VN
2	10.0	19150	1905.0	16QAM	50@0	-0.27	-0.00014	±2.5	PASS	TH/VN
2	15.0	18675	1857.5	QPSK	75@0	-14.36	-0.00773	±2.5	PASS	TH/VN
2	15.0	18675	1857.5	16QAM	75@0	8.58	0.00462	±2.5	PASS	TH/VN
2	15.0	18900	1880.0	QPSK	75@0	-11.52	-0.00613	±2.5	PASS	TH/VN
2	15.0	18900	1880.0	16QAM	75@0	-34.73	-0.01847	±2.5	PASS	TH/VN
2	15.0	19125	1902.5	QPSK	75@0	-7.31	-0.00384	±2.5	PASS	TH/VN
2	15.0	19125	1902.5	16QAM	75@0	-10.01	-0.00526	±2.5	PASS	TH/VN
2	20.0	18700	1860.0	QPSK	100@0	-11.74	-0.00631	±2.5	PASS	TH/VN
2	20.0	18700	1860.0	16QAM	100@0	-4.95	-0.00266	±2.5	PASS	TH/VN
2	20.0	18900	1880.0	QPSK	100@0	3.89	0.00207	±2.5	PASS	TH/VN
2	20.0	18900	1880.0	16QAM	100@0	-29.3	-0.01558	±2.5	PASS	TH/VN
2	20.0	19100	1900.0	QPSK	100@0	-10.37	-0.00546	±2.5	PASS	TH/VN
2	20.0	19100	1900.0	16QAM	100@0	-47.58	-0.02504	±2.5	PASS	TH/VN