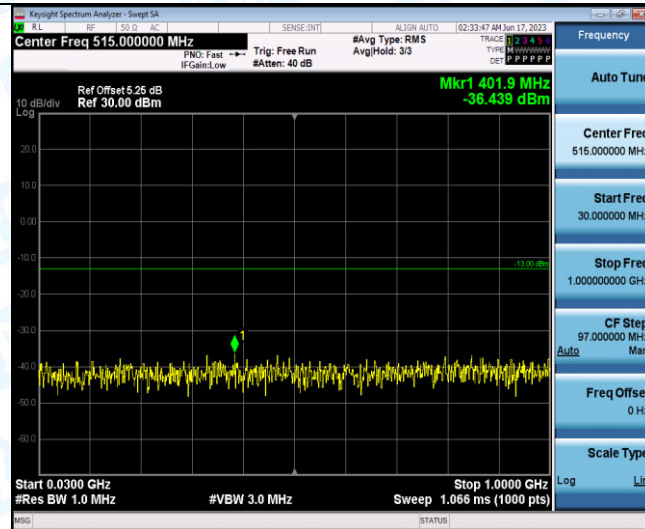
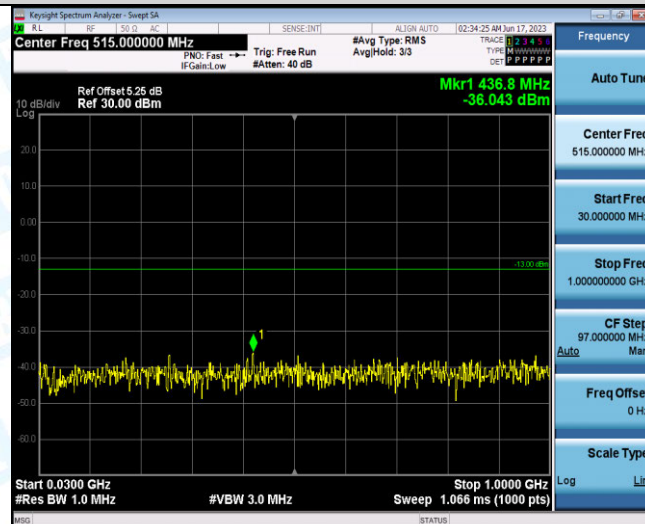




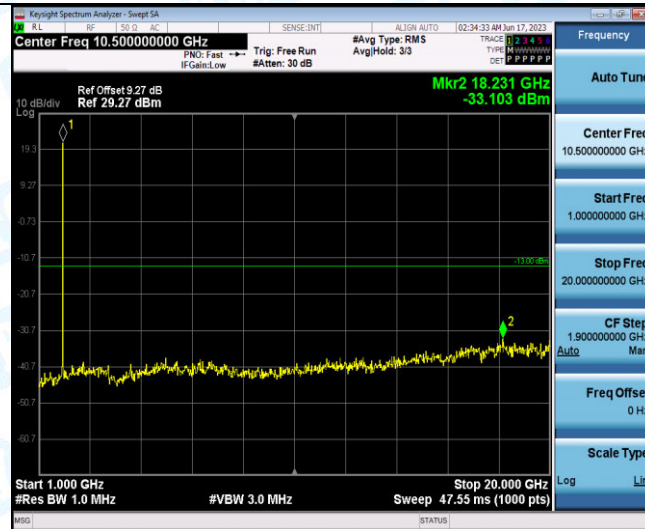
Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



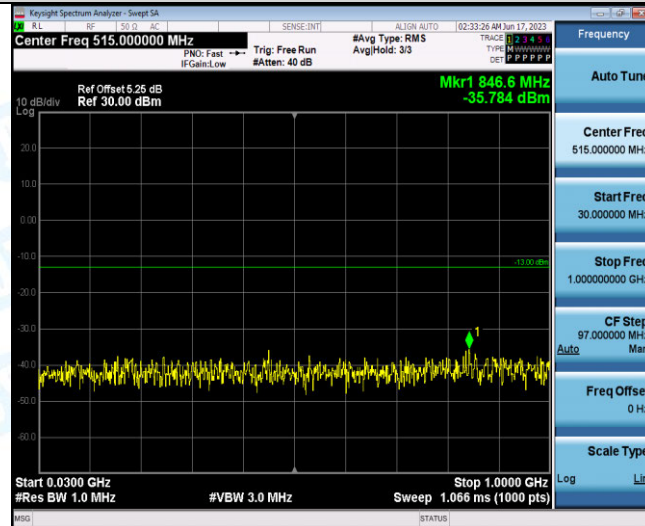
Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz



Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~20000MHz



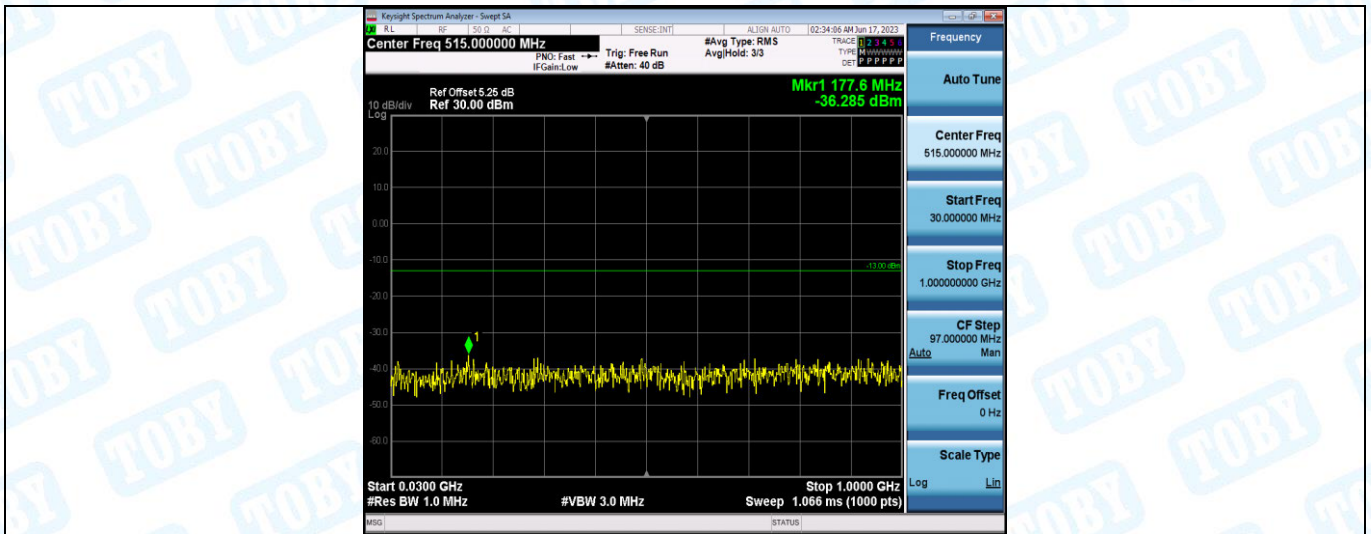
Band2-15MHz-16QAM-18675-1RB#0-Range1:30~1000MHz



Band2-15MHz-16QAM-18675-1RB#0-Range2:1000~20000MHz



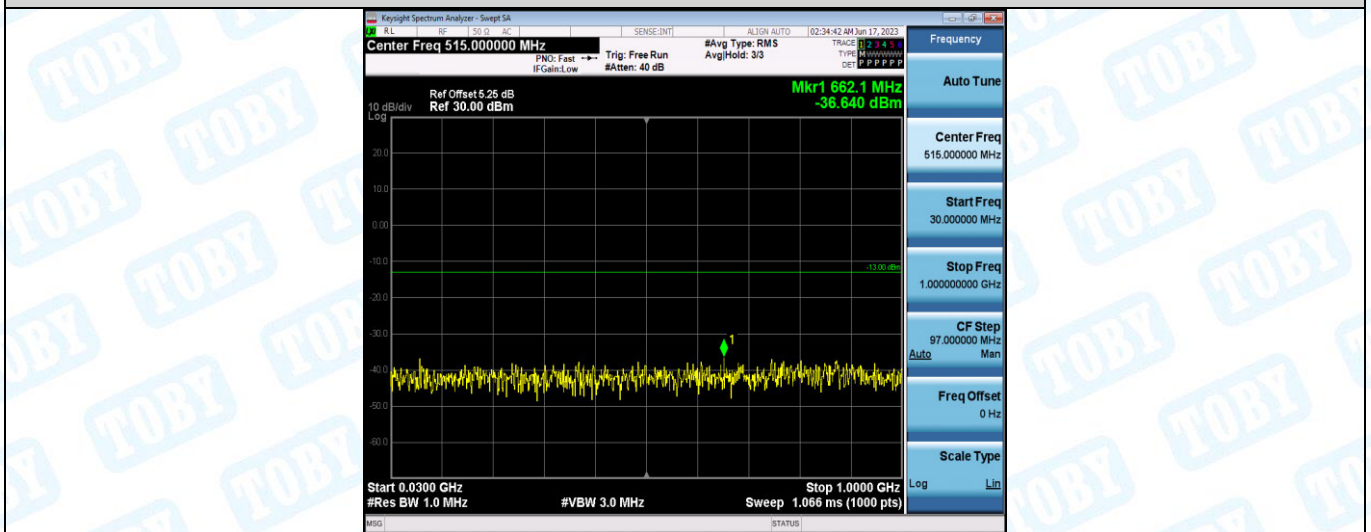
Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-15MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



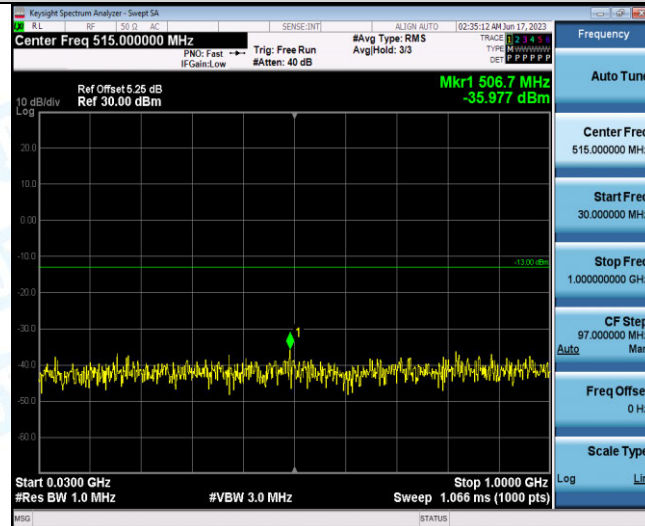
Band2-15MHz-16QAM-19125-1RB#0-Range1:30~1000MHz



Band2-15MHz-16QAM-19125-1RB#0-Range2:1000~20000MHz



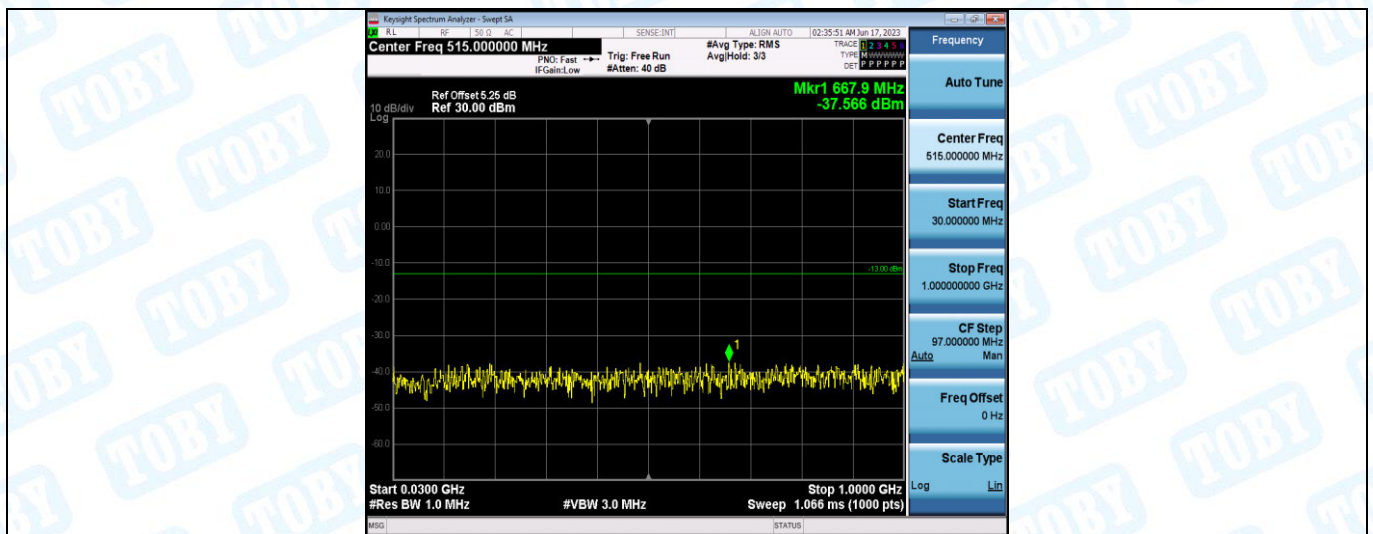
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



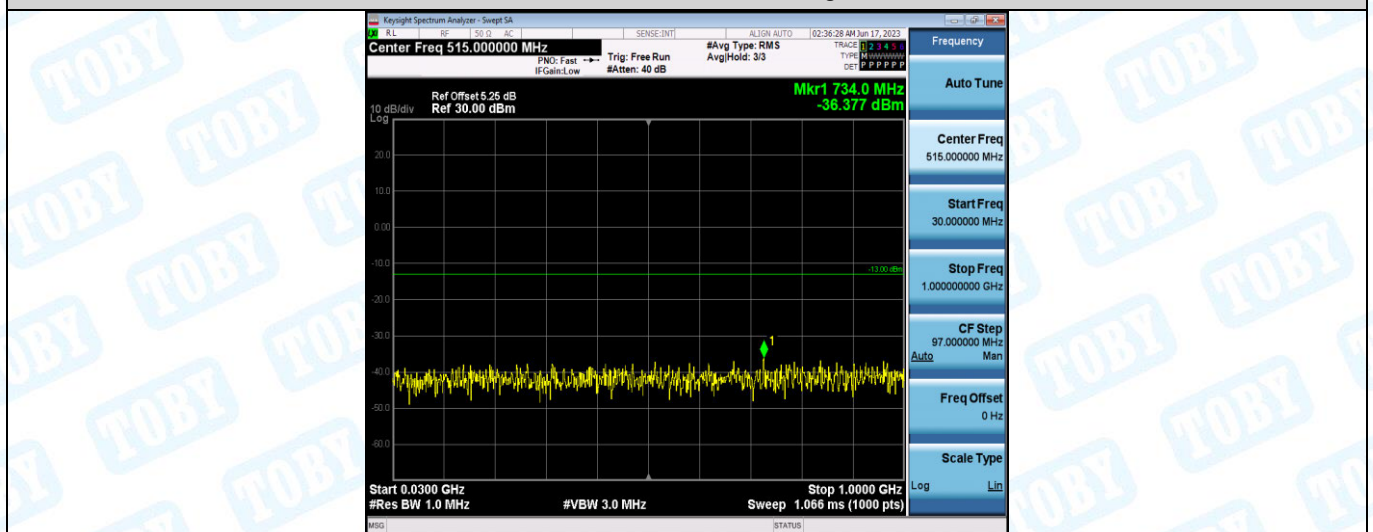
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



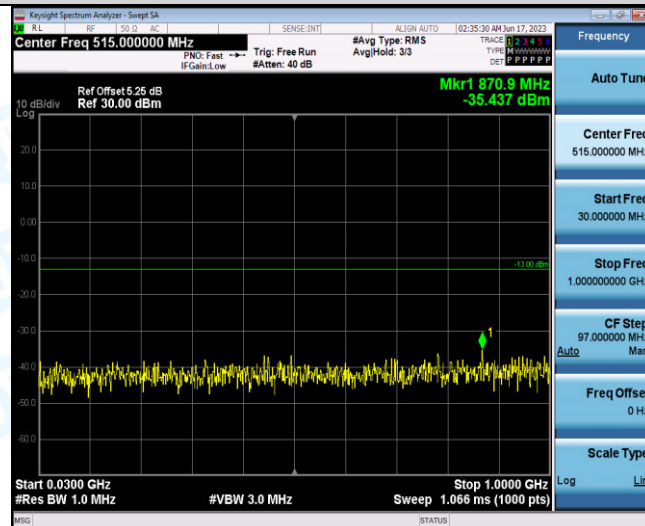
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



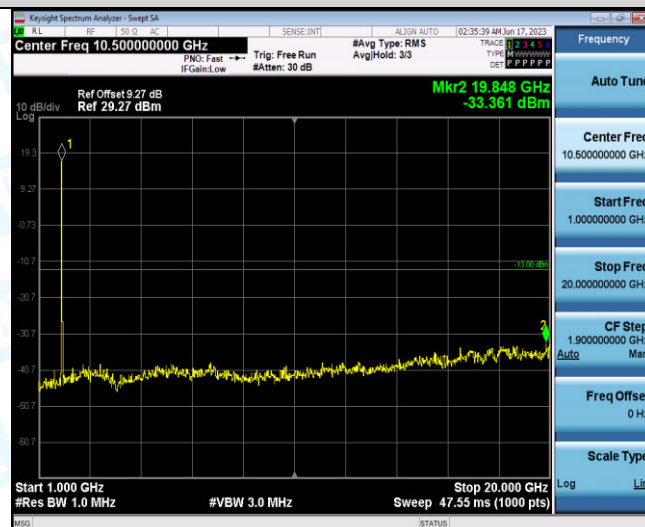
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



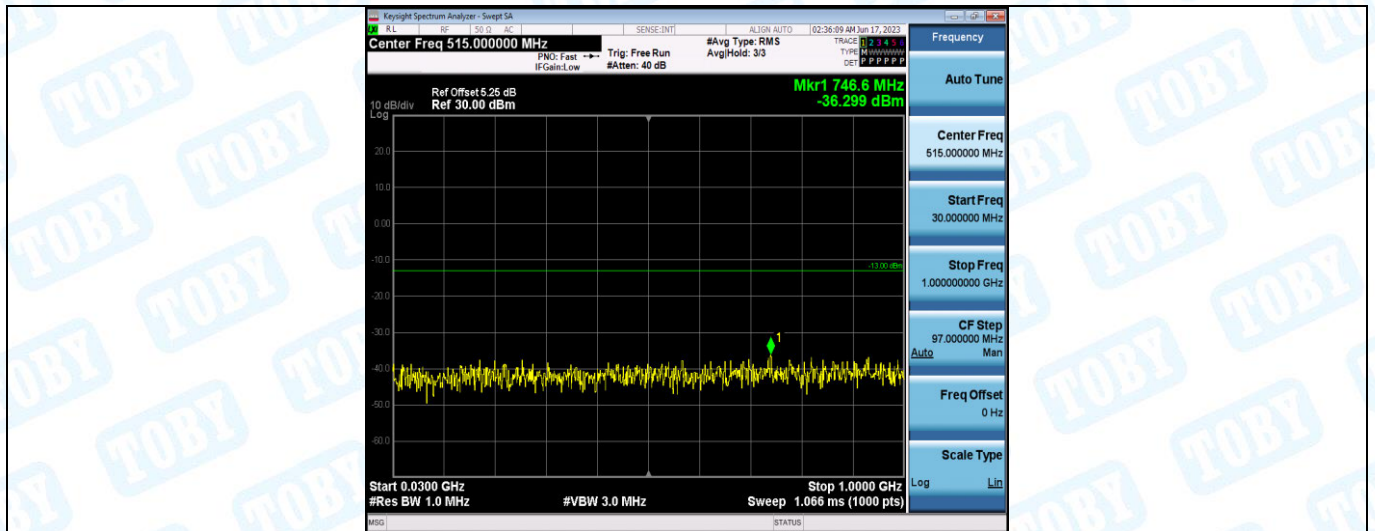
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



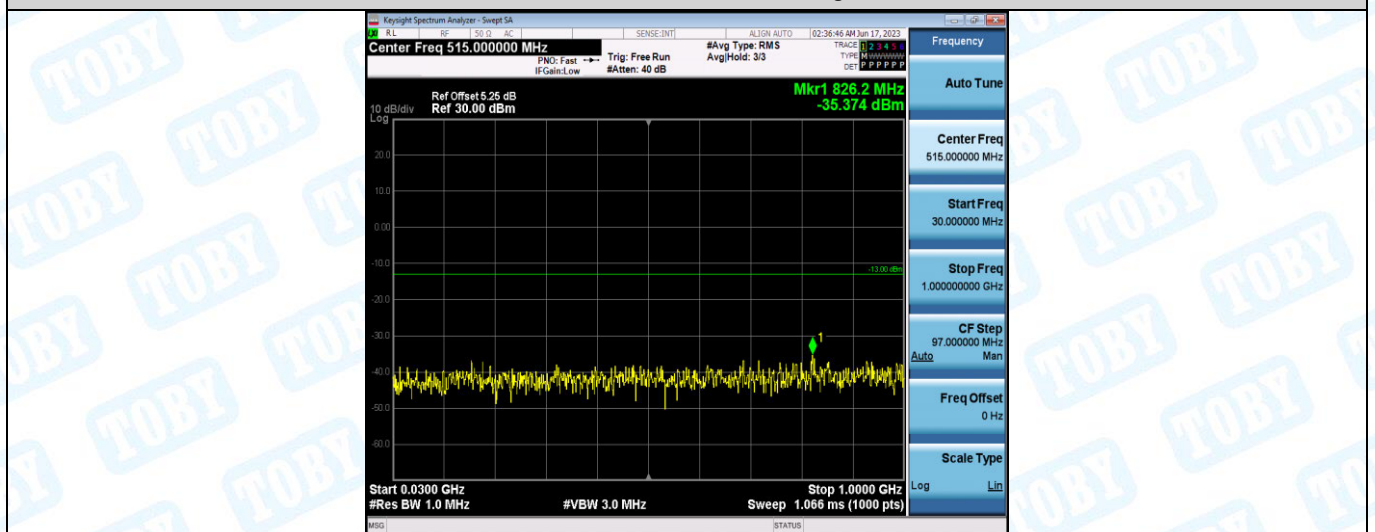
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-5.04	-0.002681	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-11.98	-0.006372	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	8.72	0.004638	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	8.46	0.004500	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	7.03	0.003739	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	6.54	0.003479	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-11.22	-0.005968	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-10.53	-0.005601	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-10.05	-0.005346	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	-5.30	-0.002819	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-9.07	-0.004824	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-7.64	-0.004064	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-9.49	-0.005048	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-9.41	-0.005005	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	7.94	0.004223	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	9.92	0.005277	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	5.53	0.002941	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	11.84	0.006298	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-9.44	-0.005021	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-10.59	-0.005633	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-13.36	-0.007106	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	VL	NT	-9.32	-0.004957	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	VN	NT	-8.54	-0.004543	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	VH	NT	-9.22	-0.004904	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-14.37	-0.007644	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-13.19	-0.007016	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-10.86	-0.005777	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	VL	NT	-8.11	-0.004314	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	VN	NT	-10.36	-0.005511	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	VH	NT	-6.28	-0.003340	±2.5	PASS

Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-13.52	-0.007191	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-16.65	-0.008856	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-11.59	-0.006165	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	VL	NT	-9.20	-0.004894	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	VN	NT	-9.00	-0.004787	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	VH	NT	-9.18	-0.004883	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	7.69	0.004090	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	6.86	0.003649	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	8.12	0.004319	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	6.66	0.003543	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	9.48	0.005043	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	8.11	0.004314	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	7.19	0.003824	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	8.36	0.004447	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	9.09	0.004835	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	8.44	0.004489	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-9.32	-0.004957	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-9.23	-0.004910	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-10.14	-0.005394	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-11.06	-0.005883	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-4.74	-0.002521	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	-10.03	-0.005335	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	-6.58	-0.003500	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	3.98	0.002117	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-8.13	-0.004324	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	6.14	0.003266	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	10.86	0.005777	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	9.97	0.005303	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	6.99	0.003718	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	7.83	0.004165	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	7.64	0.004064	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	11.03	0.005867	±2.5	PASS

Band2	5MHz	16QAM	18900	25RB#0	NV	-20	11.98	0.006372	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	8.23	0.004378	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	6.98	0.003713	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	6.62	0.003521	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-12.66	-0.006734	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-12.80	-0.006809	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-11.63	-0.006186	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-7.53	-0.004005	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-8.28	-0.004404	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	NV	-30	-10.59	-0.005633	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	NV	-20	-7.41	-0.003941	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	NV	0	-6.81	-0.003622	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	NV	10	-7.98	-0.004245	±2.5	PASS
Band2	10MHz	16QAM	18900	27RB#0	NV	20	-8.32	-0.004426	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-11.27	-0.005995	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-9.36	-0.004979	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-8.72	-0.004638	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-9.37	-0.004984	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-9.51	-0.005059	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	NV	-30	-9.18	-0.004883	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	NV	-20	-8.51	-0.004527	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	NV	0	-9.03	-0.004803	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	NV	10	-12.53	-0.006665	±2.5	PASS
Band2	15MHz	16QAM	18900	27RB#0	NV	20	-11.37	-0.006048	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-11.99	-0.006378	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-12.15	-0.006463	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-11.95	-0.006356	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-13.83	-0.007356	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-9.47	-0.005037	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	NV	-30	-7.78	-0.004138	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	NV	-20	-10.37	-0.005516	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	NV	0	-8.95	-0.004761	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	NV	10	-4.80	-0.002553	±2.5	PASS
Band2	20MHz	16QAM	18900	27RB#0	NV	20	-8.79	-0.004676	±2.5	PASS