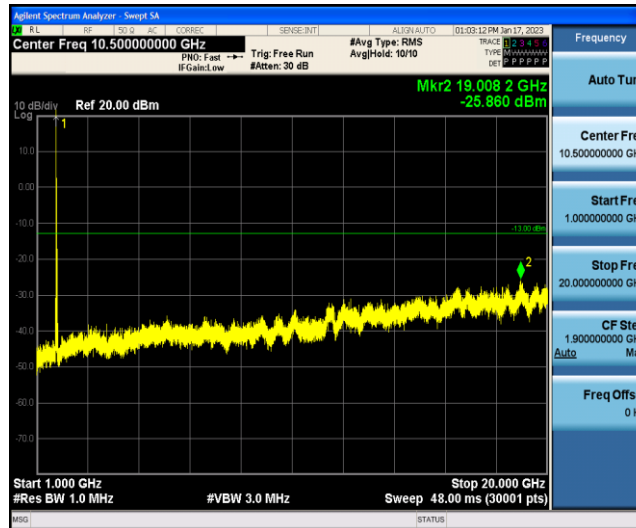
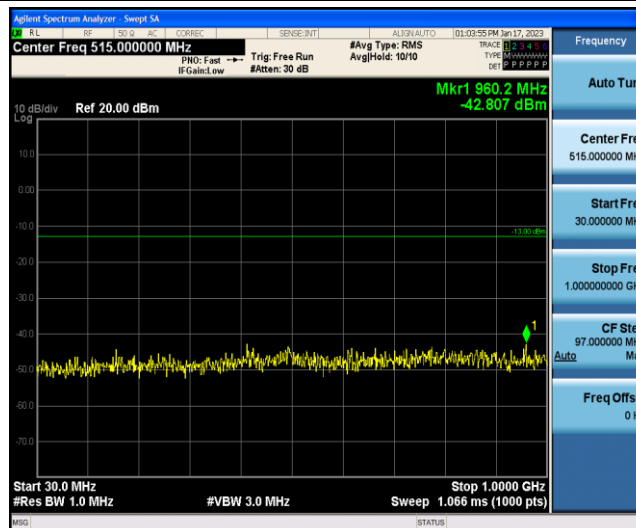
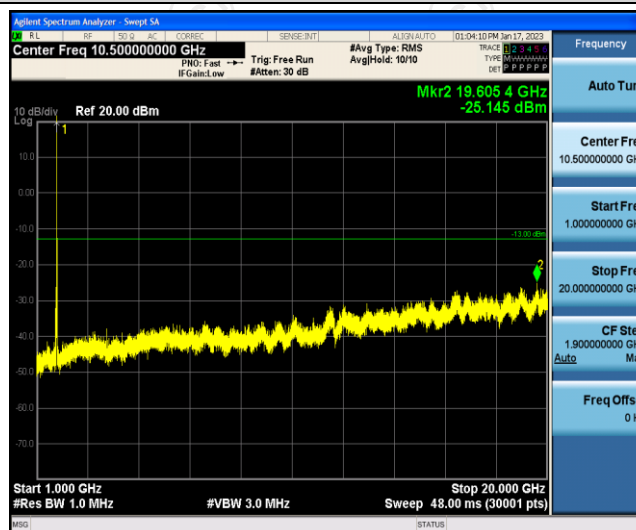




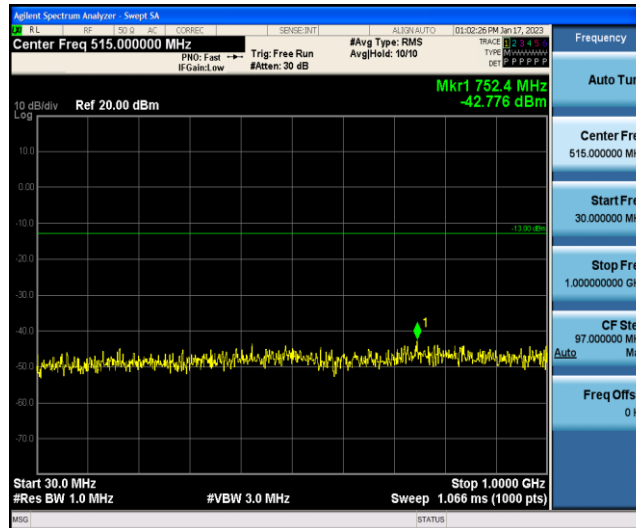
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



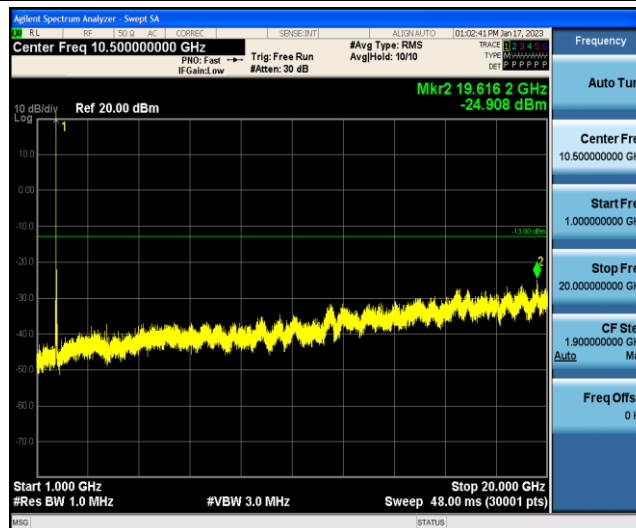
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



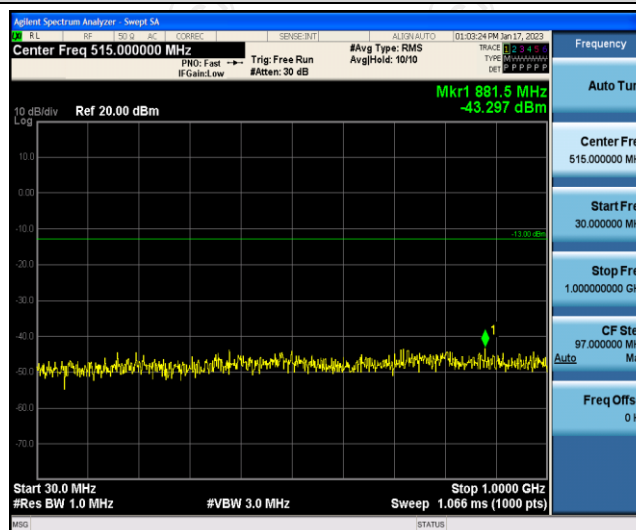
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



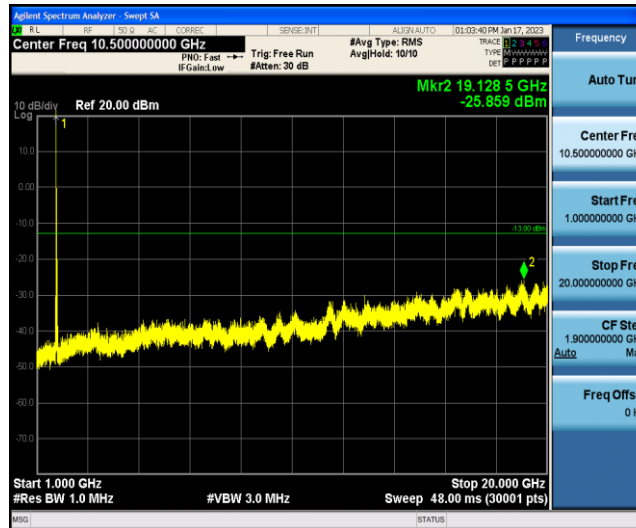
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



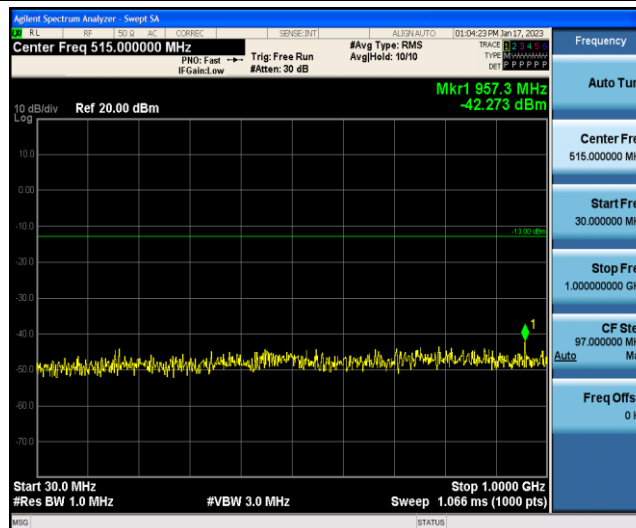
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



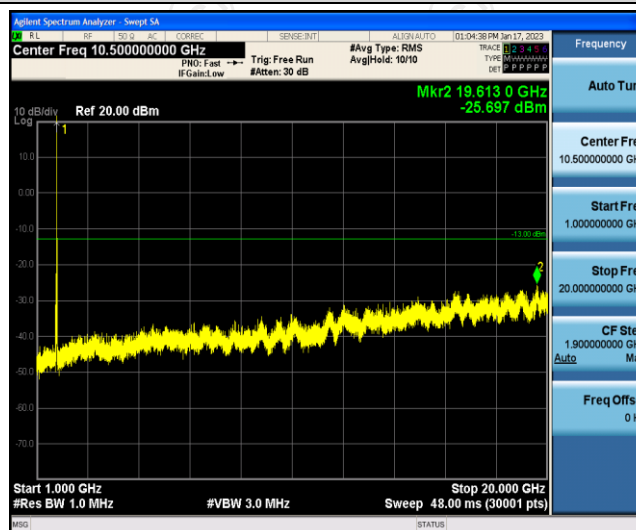
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-17.57	-0.010271	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-9.06	-0.005296	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-9.27	-0.005419	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-21.18	-0.012225	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-21.53	-0.012427	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-42.23	-0.024375	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-4.49	-0.002559	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	6.17	0.003517	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-22.96	-0.013088	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	11.03	0.006448	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	8.90	0.005203	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-5.38	-0.003145	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-11.56	-0.006672	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-6.86	-0.003960	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-28.88	-0.016670	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-6.46	-0.003682	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-9.25	-0.005273	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-7.07	-0.004030	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-3.38	-0.001976	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	5.77	0.003373	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-19.68	-0.011504	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	5.87	0.003431	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	6.05	0.003537	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	14.94	0.008623	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	13.98	0.008069	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	7.15	0.004127	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	5.59	0.003227	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-6.28	-0.003625	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-8.22	-0.004686	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-7.69	-0.004384	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-6.69	-0.003813	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-6.99	-0.003984	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-9.79	-0.005581	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-7.21	-0.004215	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-7.92	-0.004630	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-9.65	-0.005641	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-14.55	-0.008505	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-34.05	-0.019904	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-20.32	-0.011729	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-22.98	-0.013264	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-25.83	-0.014909	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-29.37	-0.016952	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-30.34	-0.017512	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-6.51	-0.003711	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-4.80	-0.002736	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	4.22	0.002406	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	3.60	0.002052	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-6.09	-0.003471	±2.5	PASS