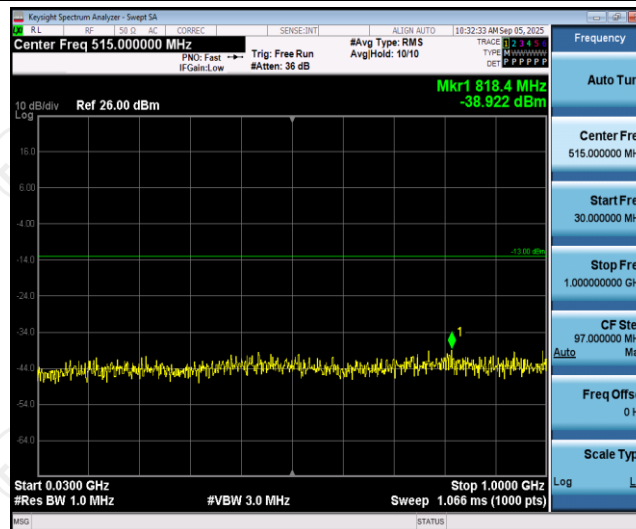
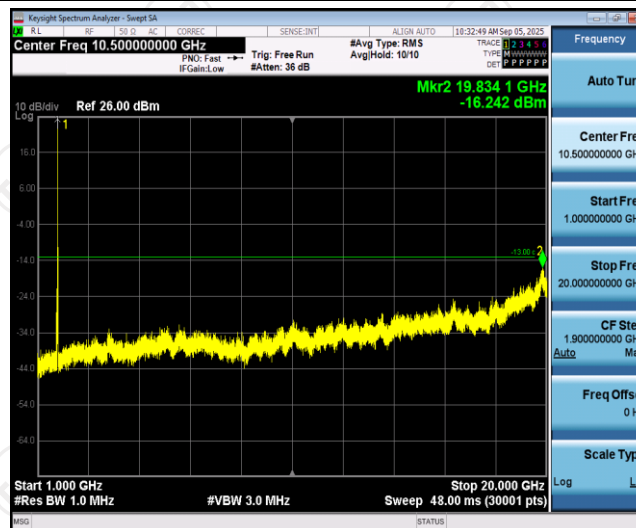
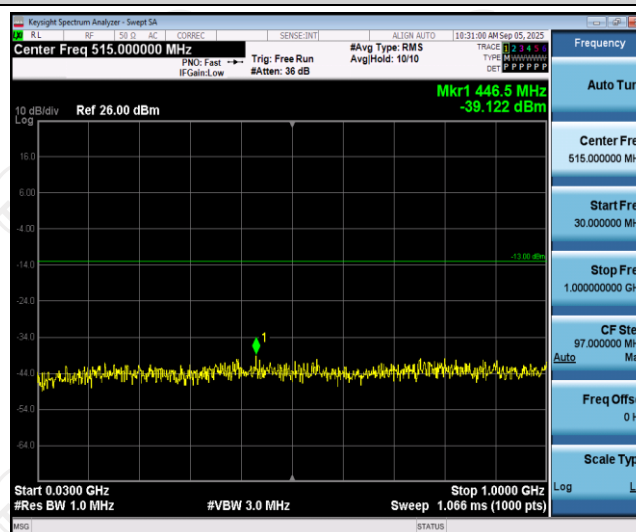




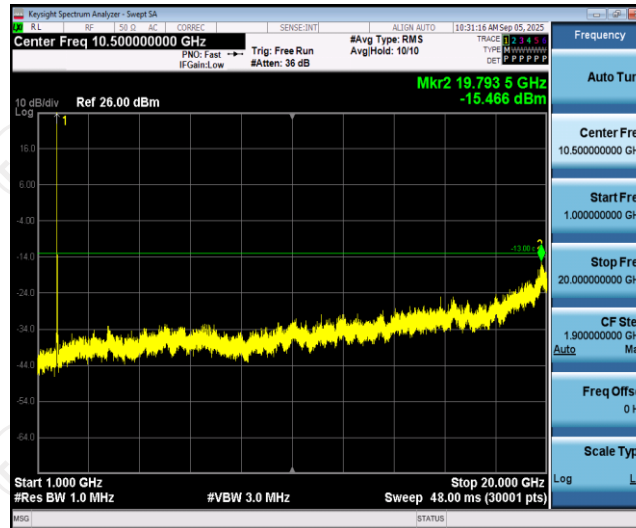
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



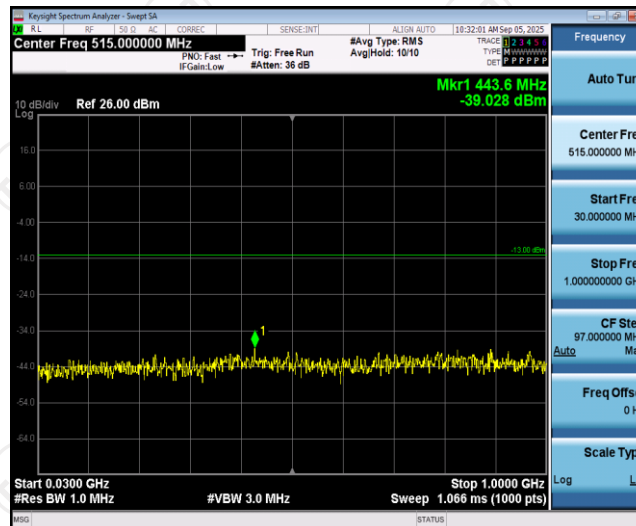
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



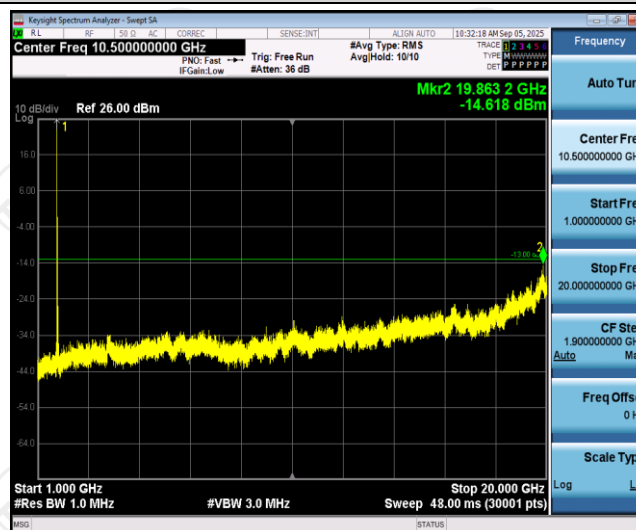
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



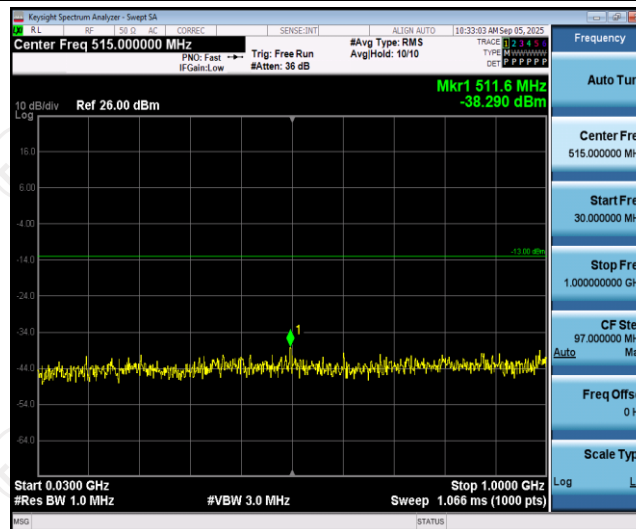
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



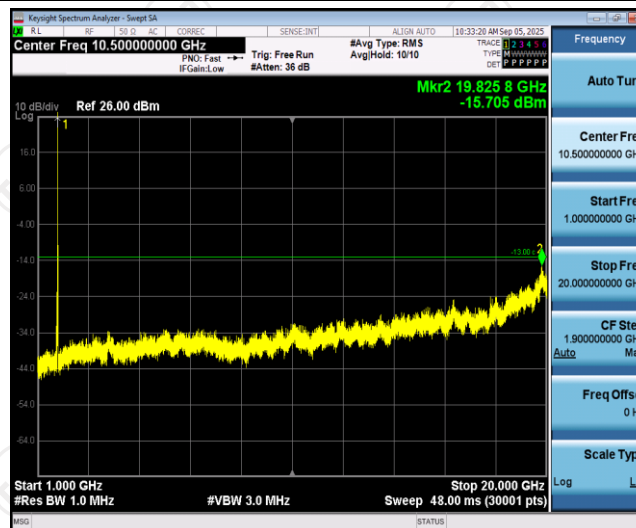
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



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 Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-8.24	-0.004817	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-31.12	-0.018191	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-26.67	-0.015590	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	4.55	0.002626	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-11.28	-0.006511	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	6.46	0.003729	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-6.75	-0.003848	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-23.02	-0.013122	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-27.98	-0.015949	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-21.62	-0.012638	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-9.18	-0.005366	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-36.05	-0.021073	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-36.69	-0.021177	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-24.39	-0.014078	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-43.27	-0.024975	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-35.26	-0.020099	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-32.37	-0.018452	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-38.45	-0.021918	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-4.80	-0.002806	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-17.42	-0.010183	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-32.98	-0.019279	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-6.22	-0.003636	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-24.50	-0.014322	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-28.64	-0.016531	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-12.98	-0.007492	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-30.01	-0.017322	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-43.66	-0.025201	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-46.70	-0.026955	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-38.35	-0.021861	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-13.88	-0.007912	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-21.29	-0.012136	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-23.85	-0.013595	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-23.33	-0.013299	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	12.19	0.007126	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-15.55	-0.009090	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-35.03	-0.020477	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-15.29	-0.008938	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-33.49	-0.019577	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	24.79	0.014309	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-34.82	-0.020098	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-27.64	-0.015954	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-37.07	-0.021397	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-8.18	-0.004722	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-41.39	-0.023593	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-44.72	-0.025492	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	19.84	0.011309	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	20.26	0.011549	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	11.00	0.006270	±2.5	PASS