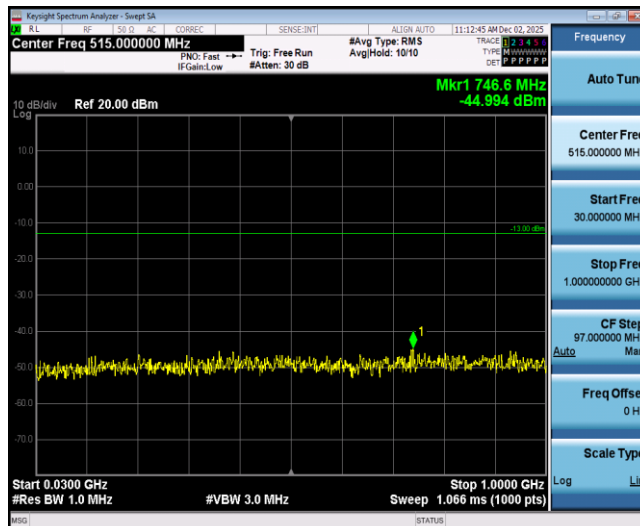
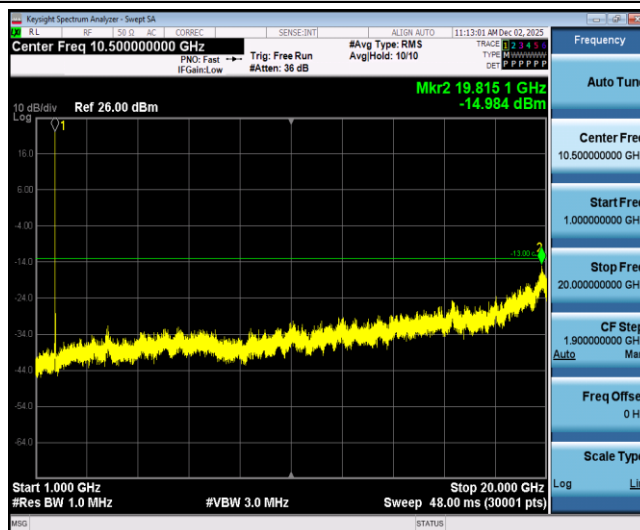
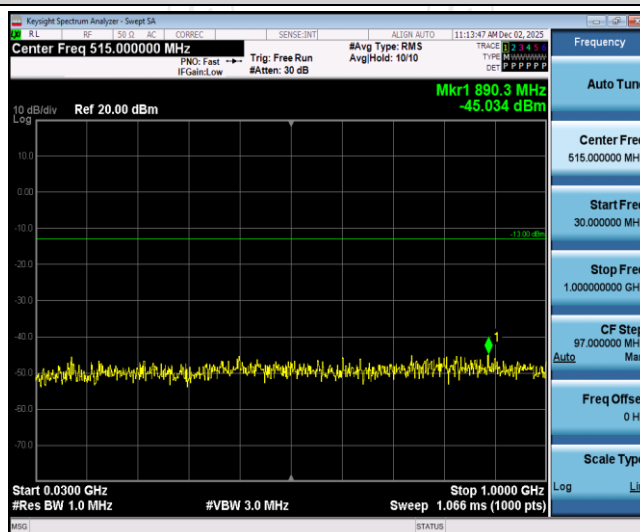




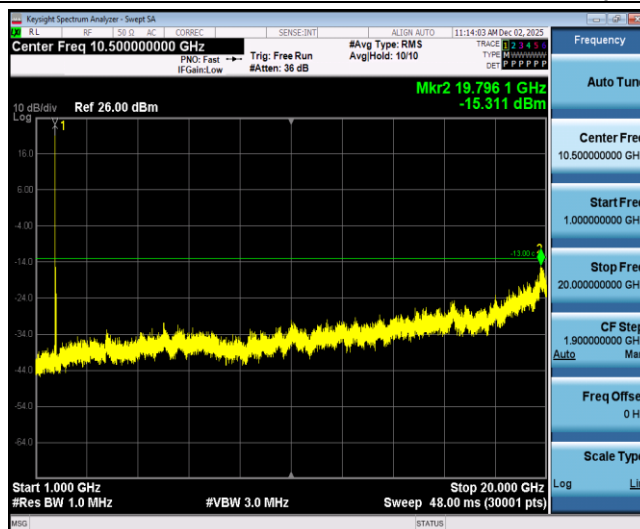
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



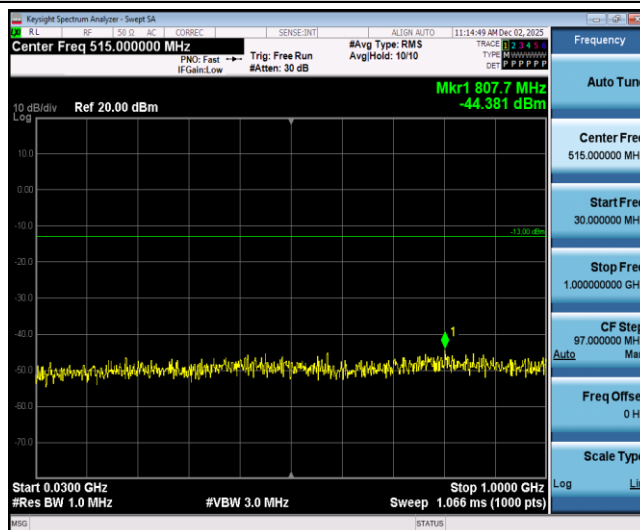
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



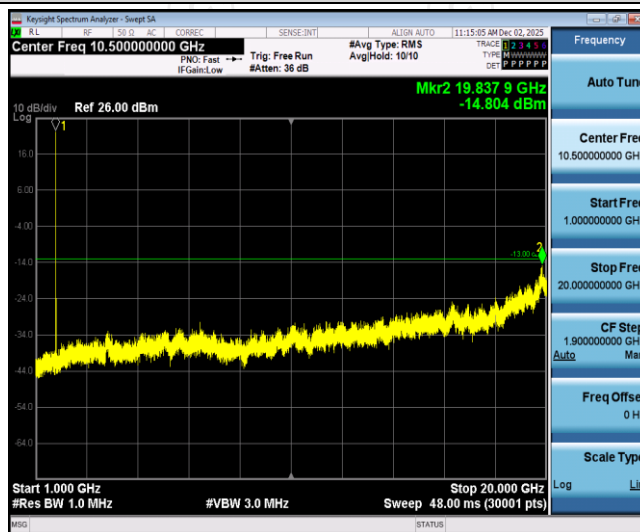
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



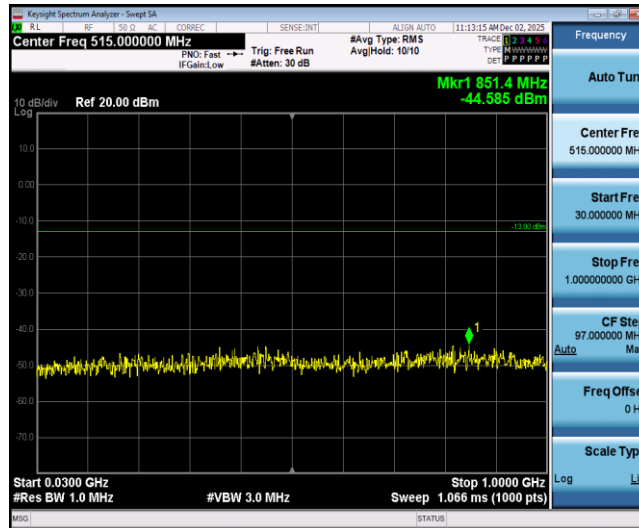
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



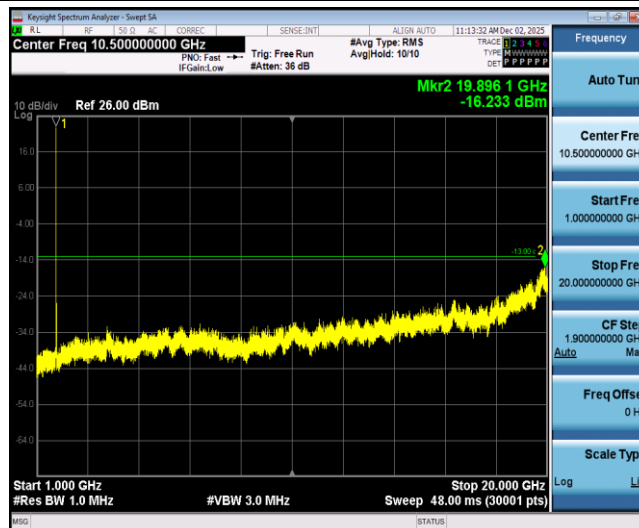
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



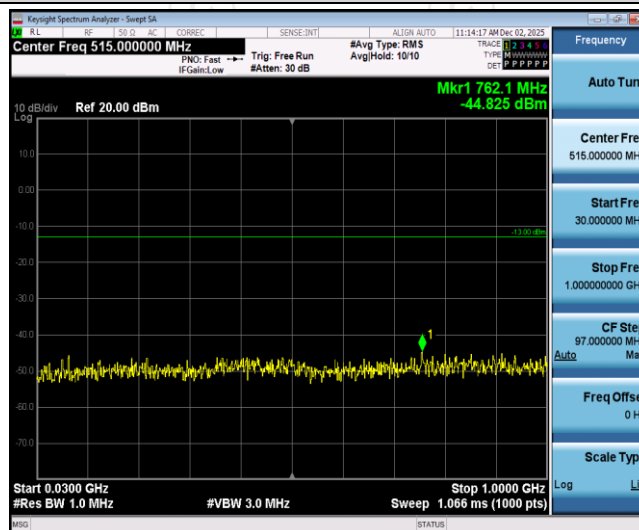
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



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



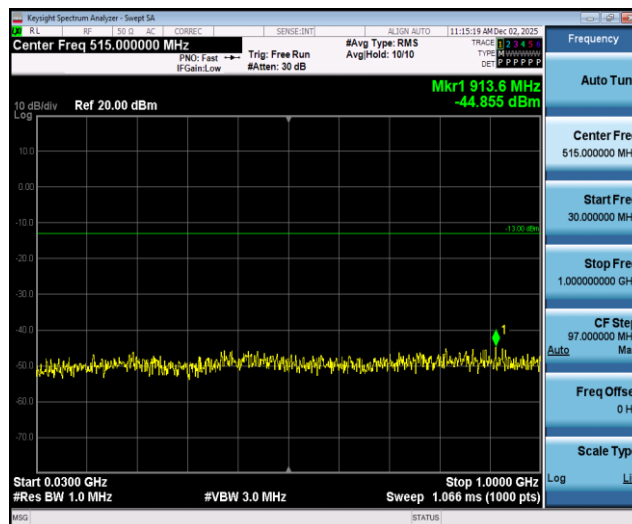
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



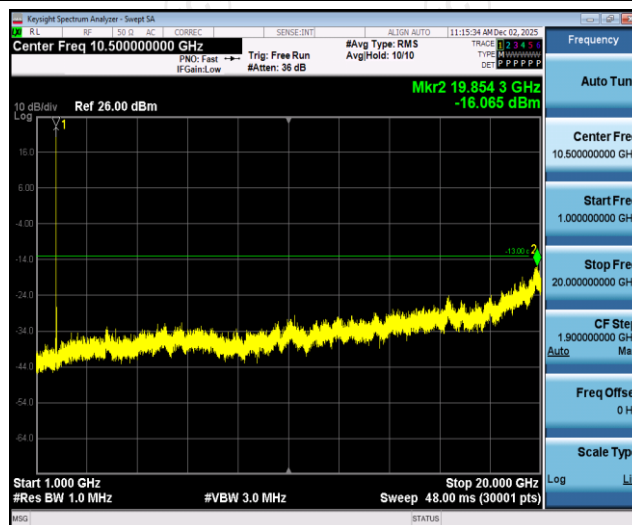
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



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	20MHz	QPSK	20050	100RB#0	VL	NT	4.11	0.002390	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	6.02	0.003500	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	3.48	0.002023	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-2.92	-0.001685	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-5.07	-0.002926	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	2.54	0.001466	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-5.84	-0.003347	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-5.52	-0.003163	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-5.97	-0.003421	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	6.34	0.003686	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	6.50	0.003779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	5.36	0.003116	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	3.97	0.002291	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	3.66	0.002113	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-3.19	-0.001841	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-3.91	-0.002241	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-5.49	-0.003146	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-5.48	-0.003140	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	6.81	0.003959	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	5.21	0.003029	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	3.57	0.002076	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	4.50	0.002616	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	4.12	0.002395	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	3.30	0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	3.96	0.002286	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	3.03	0.001749	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-3.01	-0.001737	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	3.07	0.001772	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-6.34	-0.003633	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-5.18	-0.002968	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-4.26	-0.002441	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-6.78	-0.003885	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-4.93	-0.002825	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	4.76	0.002767	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	6.17	0.003587	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	2.86	0.001663	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	4.78	0.002779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	5.88	0.003419	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-2.86	-0.001651	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-3.78	-0.002182	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	3.89	0.002245	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-3.70	-0.002136	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	3.02	0.001743	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-7.97	-0.004567	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-4.52	-0.002590	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-5.66	-0.003244	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-4.06	-0.002327	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-5.59	-0.003203	±2.5	PASS