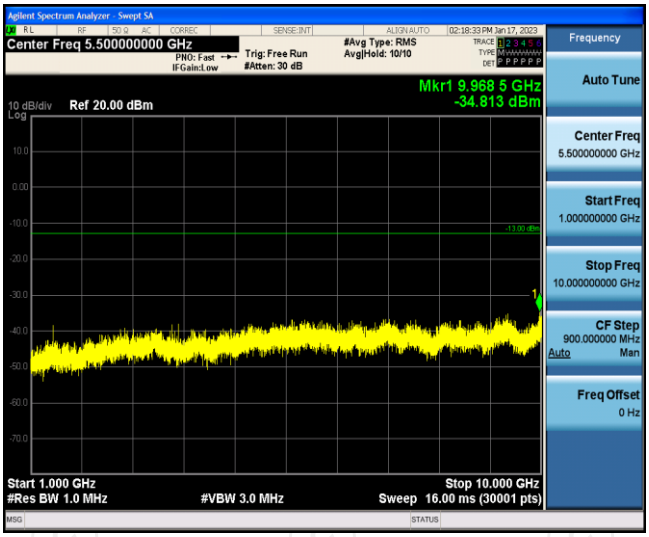
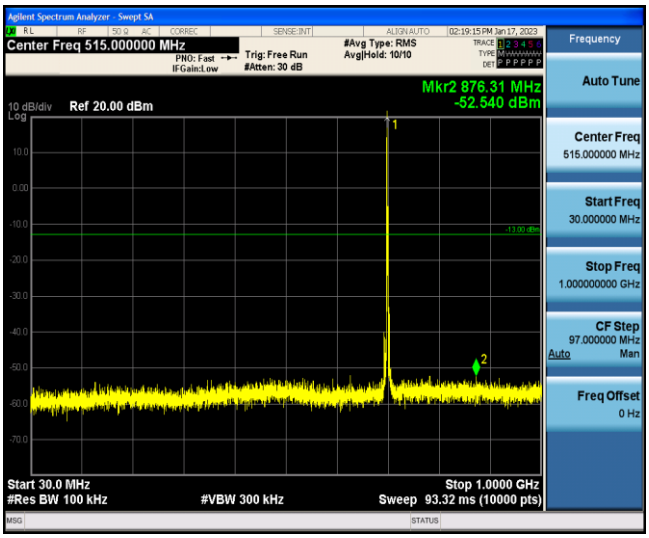
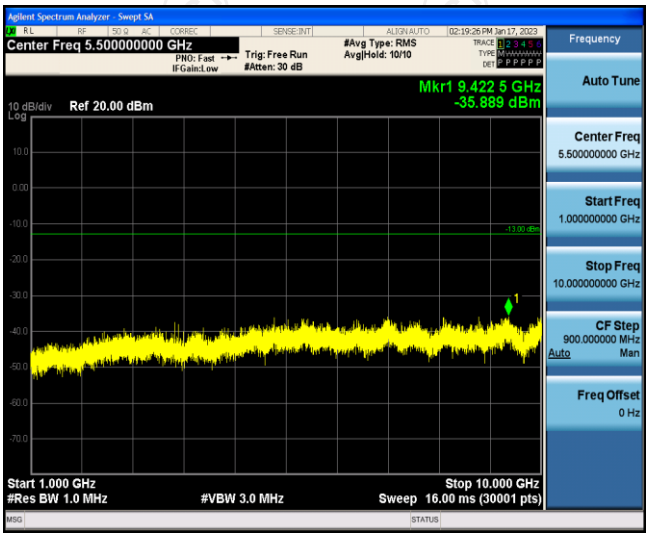


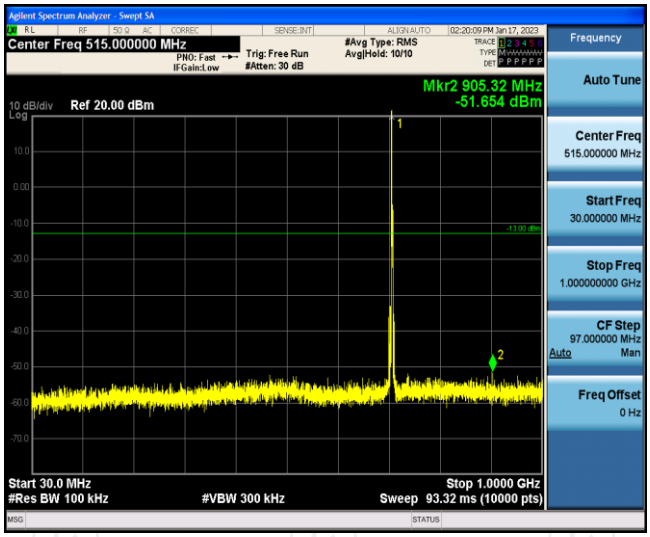
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



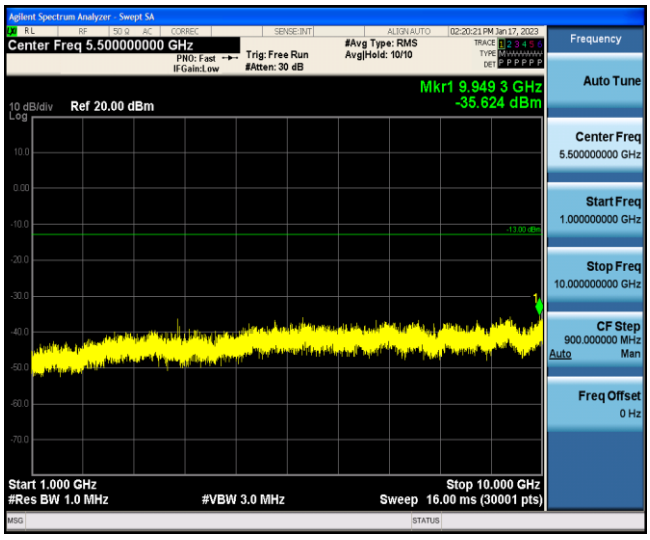
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



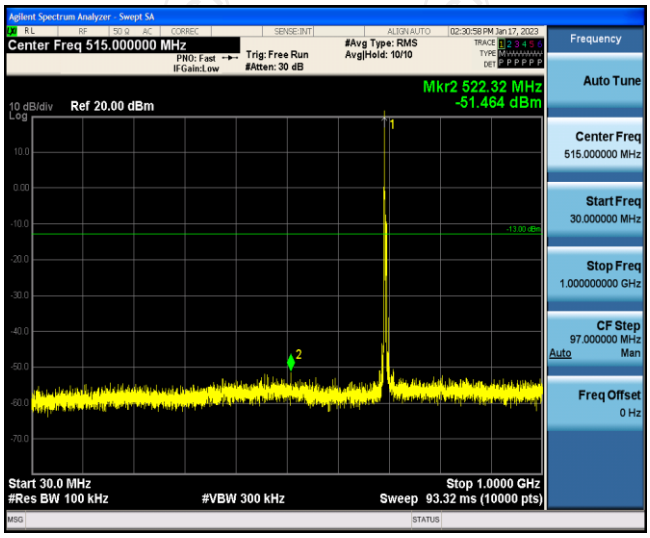
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



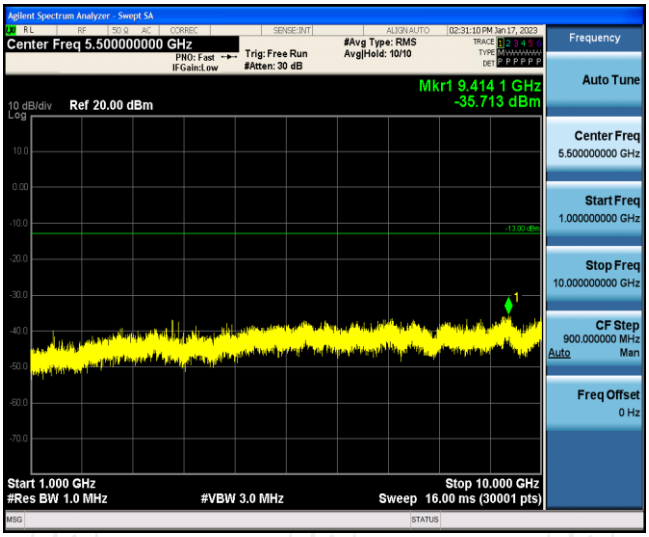
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



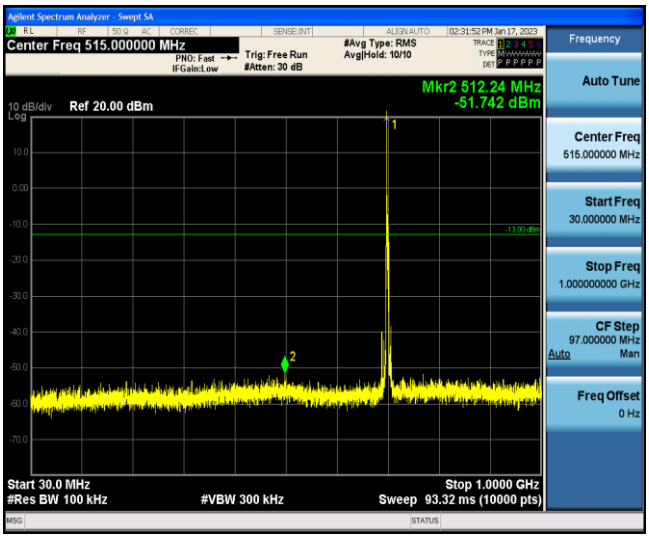
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



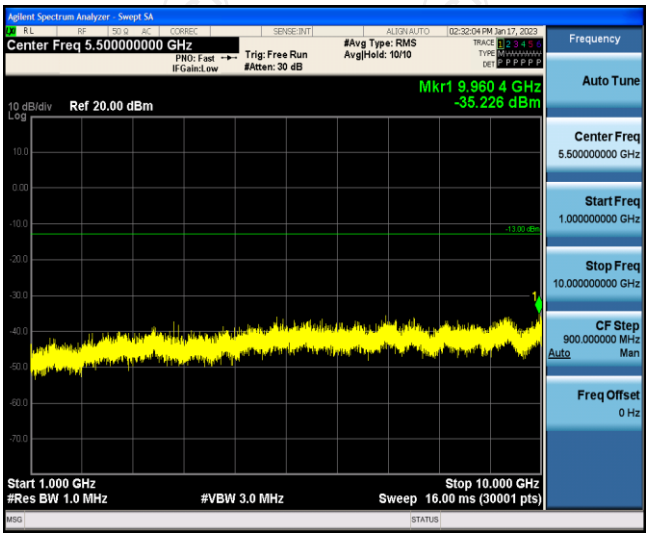
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



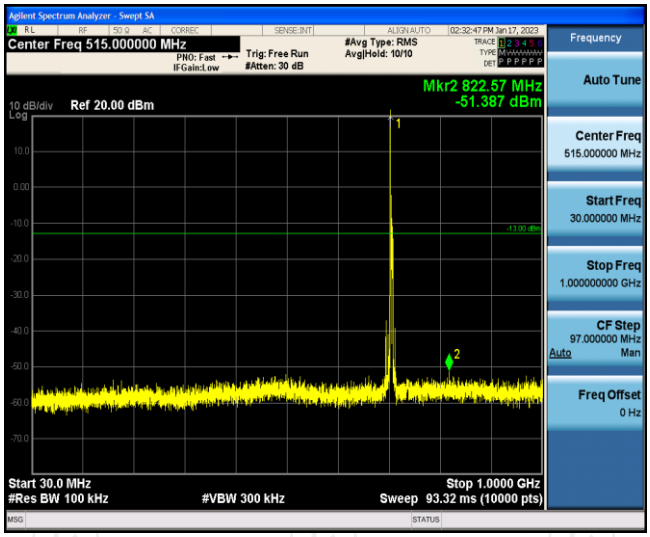
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



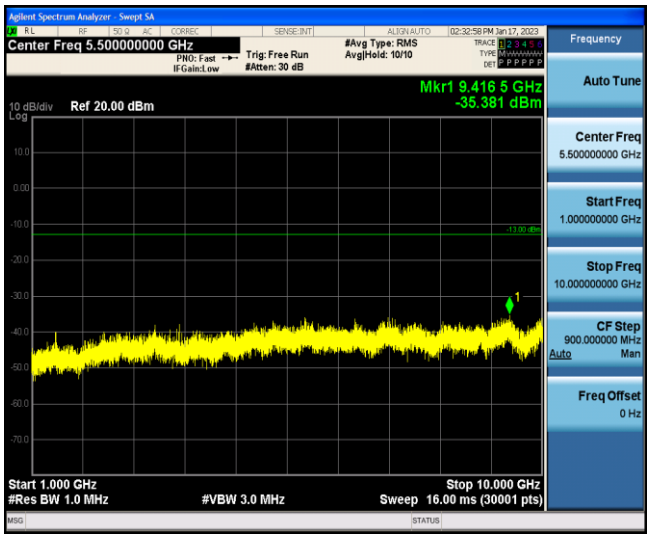
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



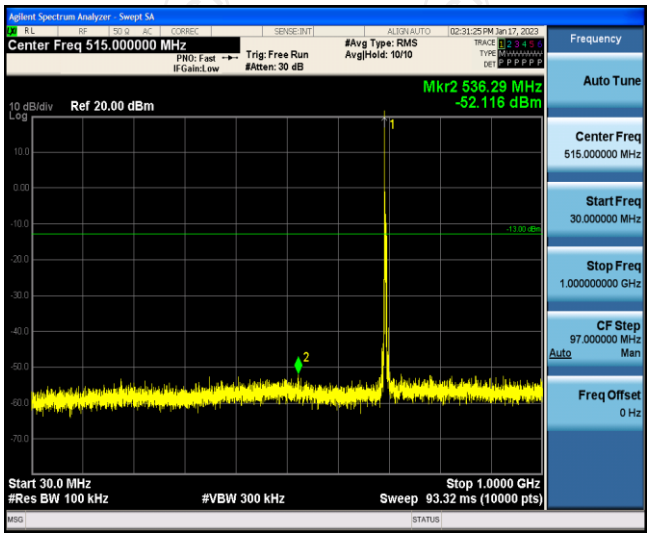
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz

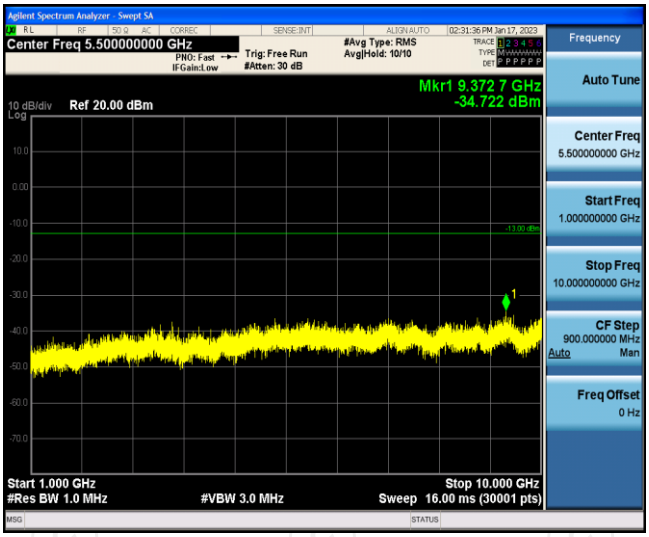


Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz

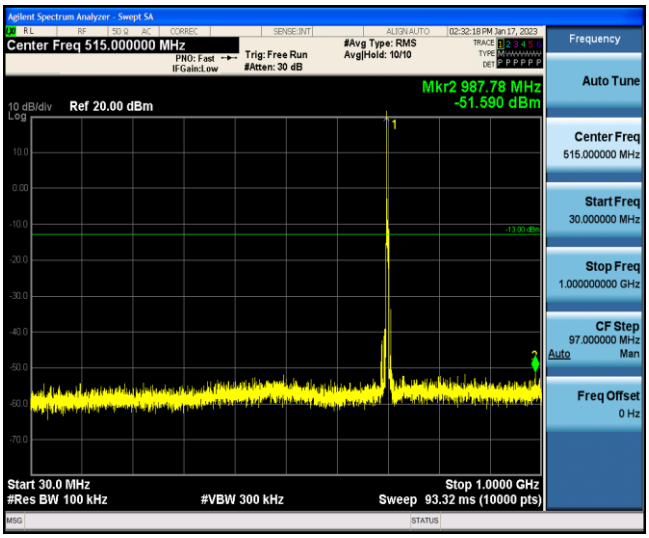


Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz

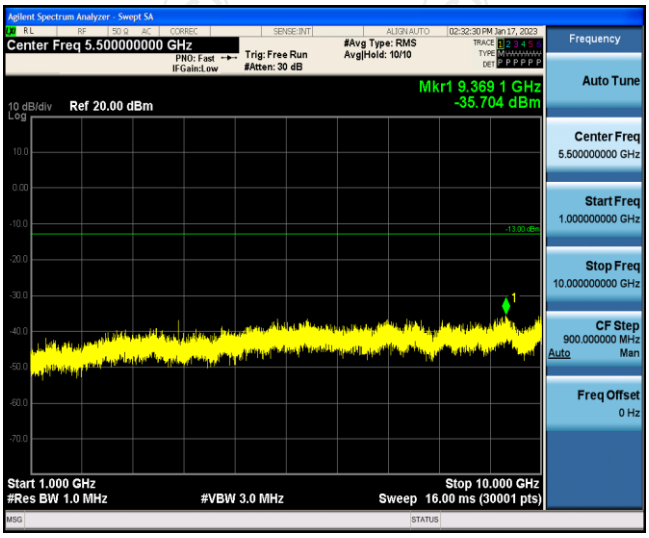
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



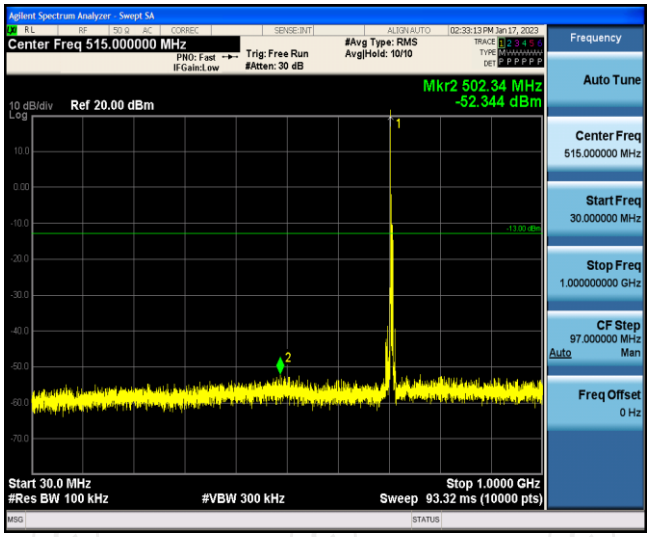
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



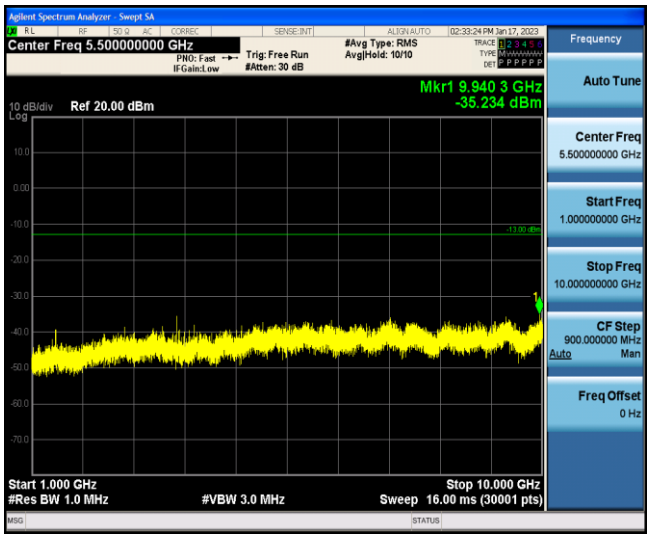
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



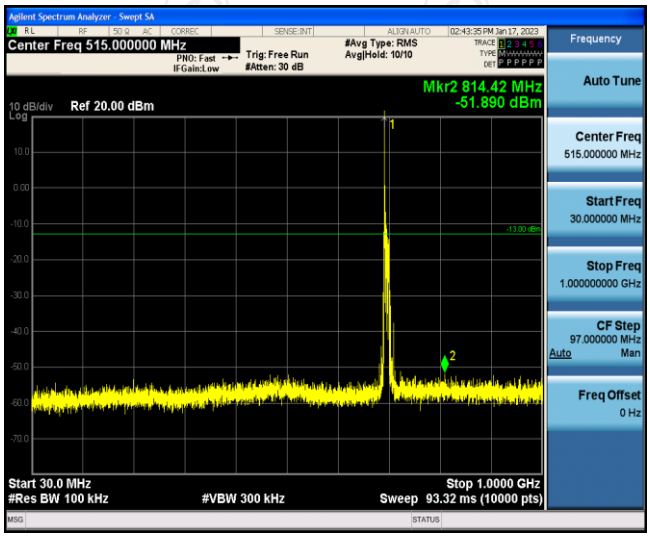
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



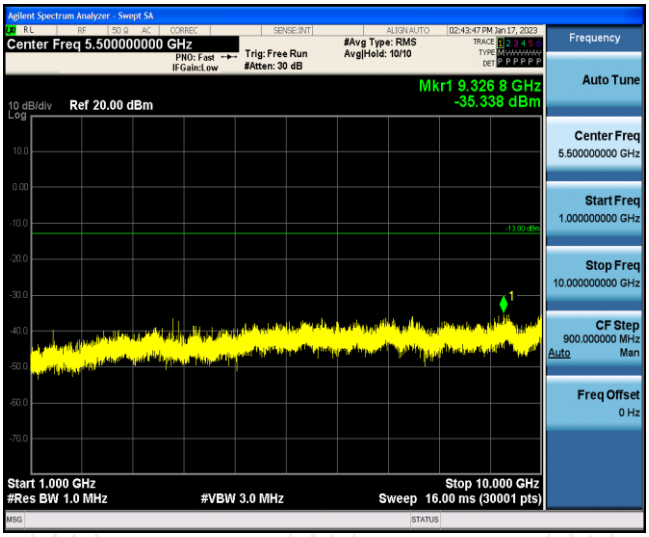
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



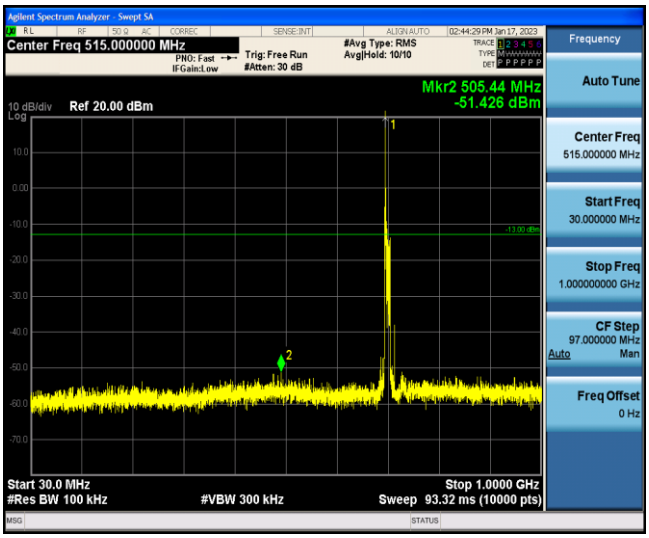
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



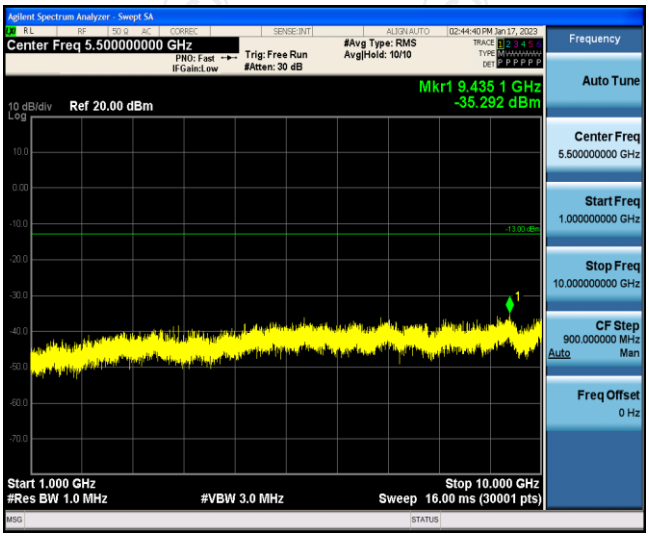
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



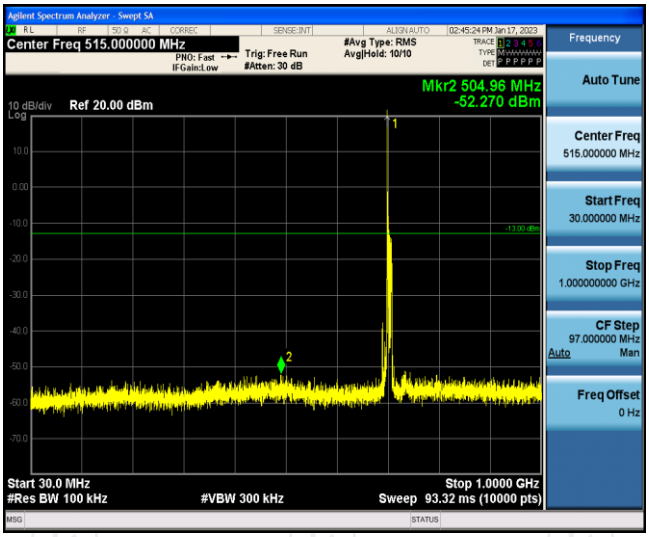
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



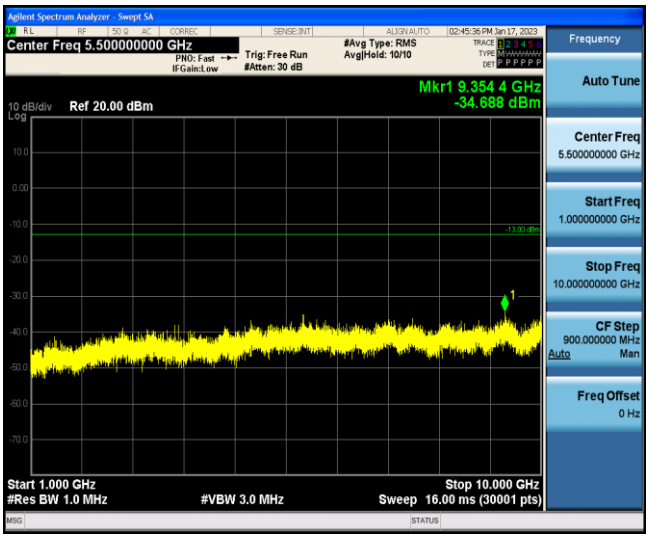
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



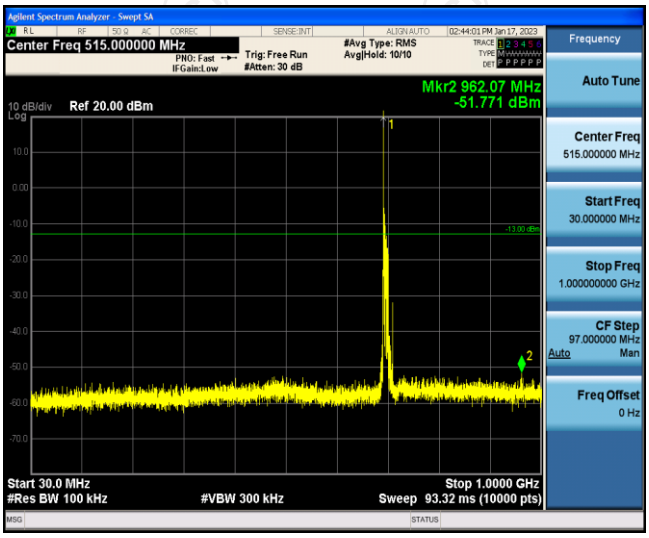
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



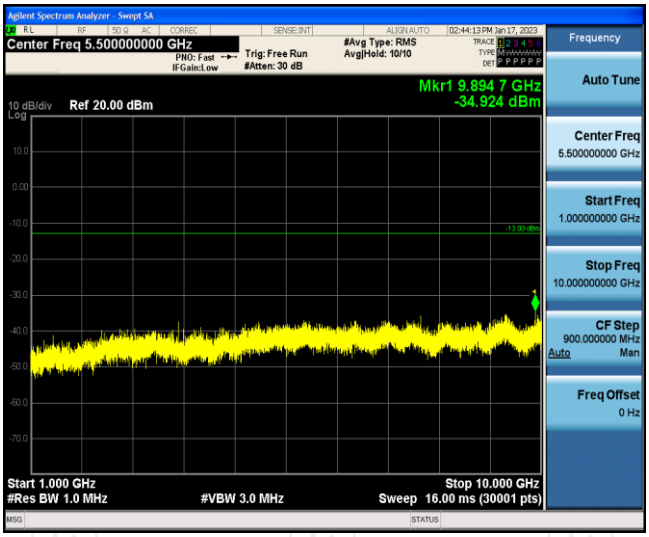
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



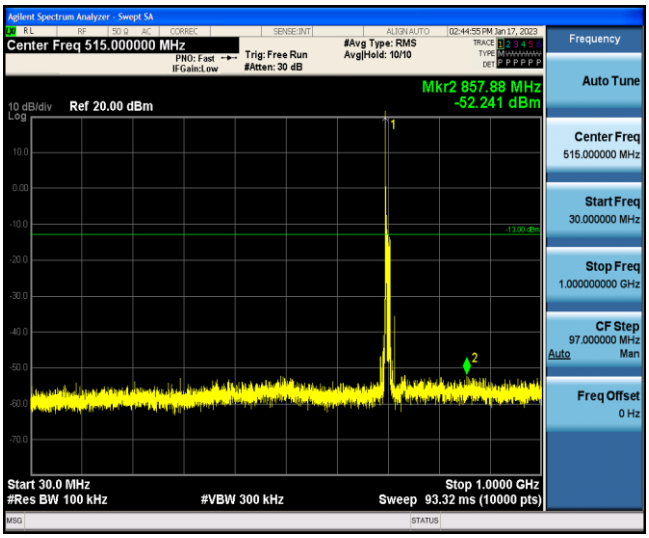
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



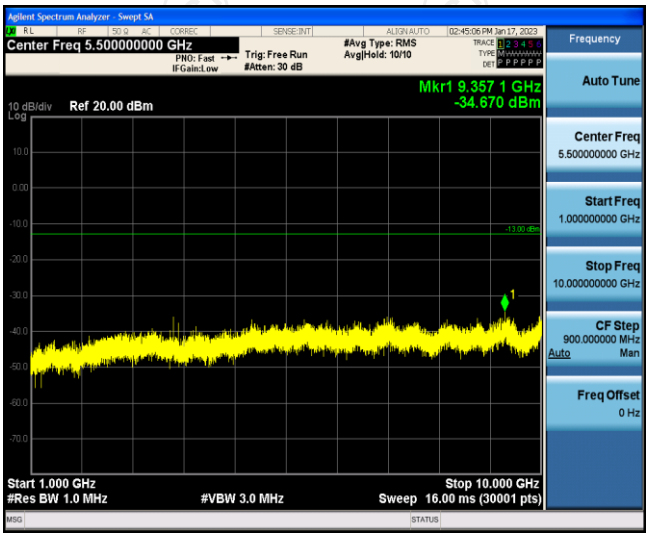
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



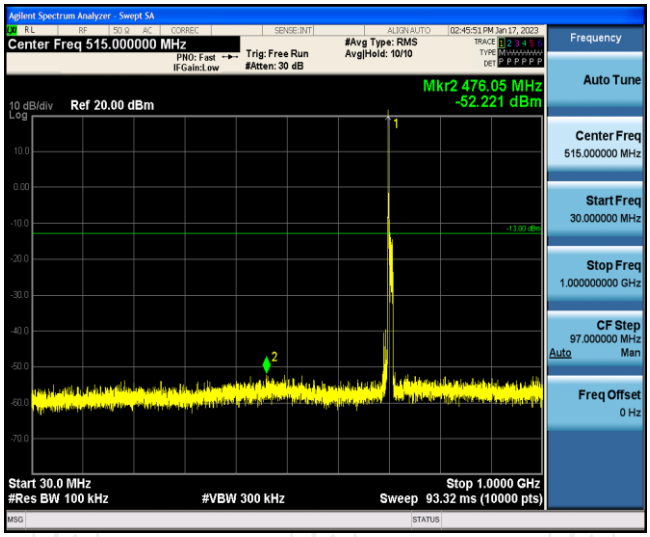
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



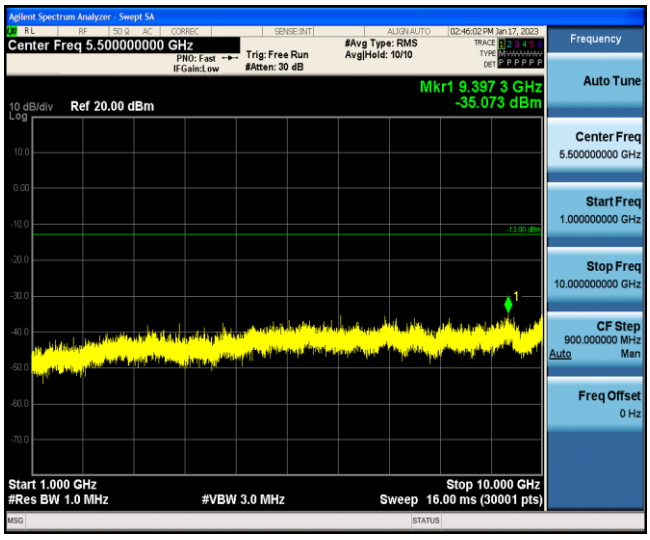
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-7.89	-0.011276	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-8.42	-0.012034	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-12.20	-0.017436	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	2.42	0.003420	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	3.98	0.005625	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	2.98	0.004212	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-9.42	-0.013169	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-9.07	-0.012680	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-35.71	-0.049923	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-33.41	-0.047749	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-31.08	-0.044419	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-33.47	-0.047835	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	10.55	0.014912	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	8.64	0.012212	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	12.60	0.017809	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	4.45	0.006221	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	3.66	0.005117	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	4.59	0.006417	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-15.61	-0.022310	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-19.70	-0.028155	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-23.17	-0.033114	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-24.85	-0.035515	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-28.77	-0.041118	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	1.85	0.002615	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-1.28	-0.001809	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	4.60	0.006502	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	8.04	0.011364	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	8.85	0.012509	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-9.85	-0.013770	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-8.54	-0.011939	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-5.11	-0.007144	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	1.71	0.002391	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	2.77	0.003873	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-37.03	-0.052923	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-36.84	-0.052651	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-36.63	-0.052351	±2.5	PASS
Band1	1.4MHz	16QAM	23017	6RB#0	NV	10	-36.02	-0.051479	±2.5	PASS

2										
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-36.92	-0.052765	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	14.50	0.020495	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	16.21	0.022912	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	16.54	0.023378	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	18.51	0.026163	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	22.69	0.032071	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	4.59	0.006417	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	4.53	0.006333	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	3.66	0.005117	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	1.62	0.002265	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	5.74	0.008025	±2.5	PASS