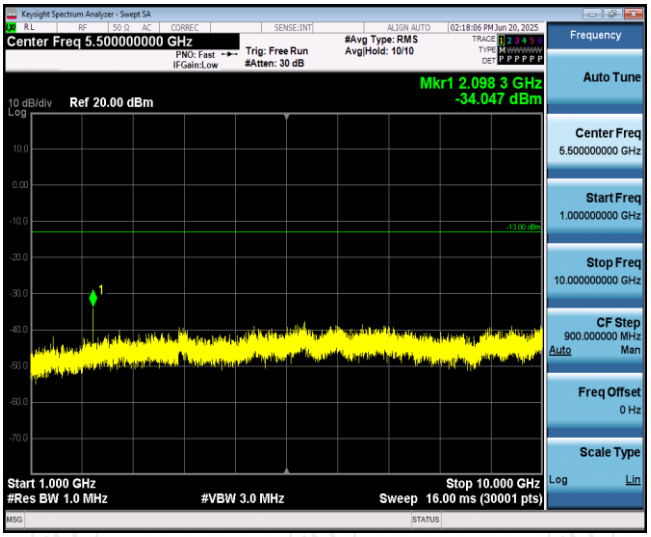
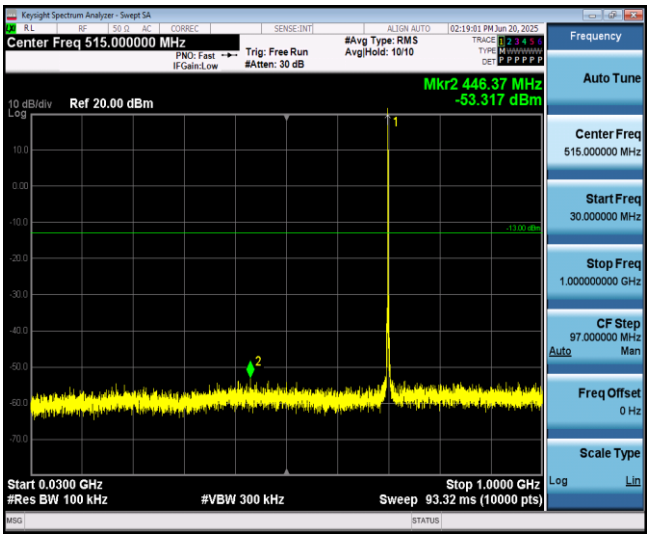
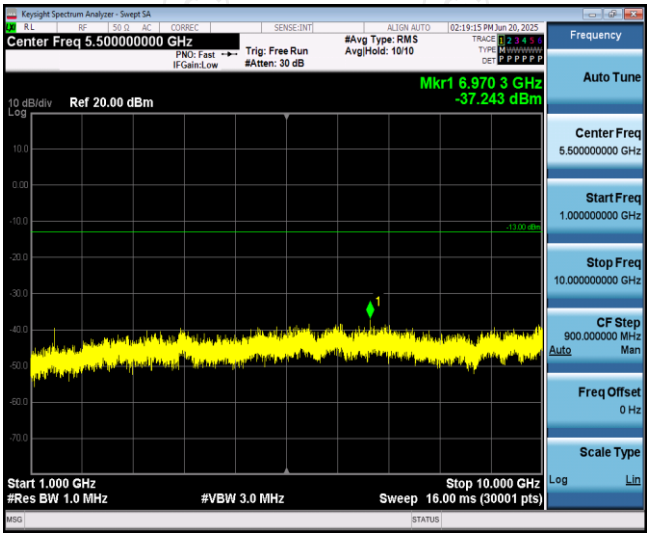


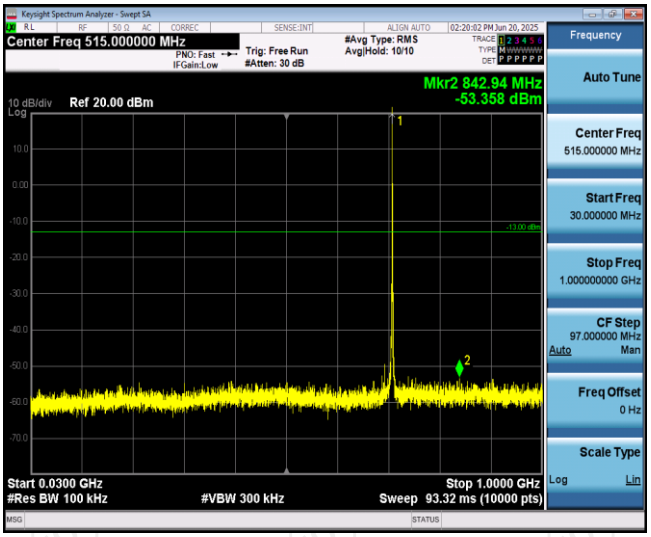
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



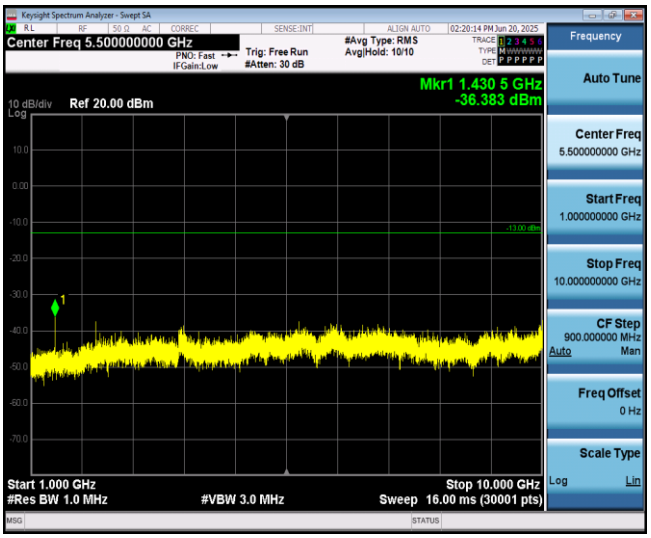
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



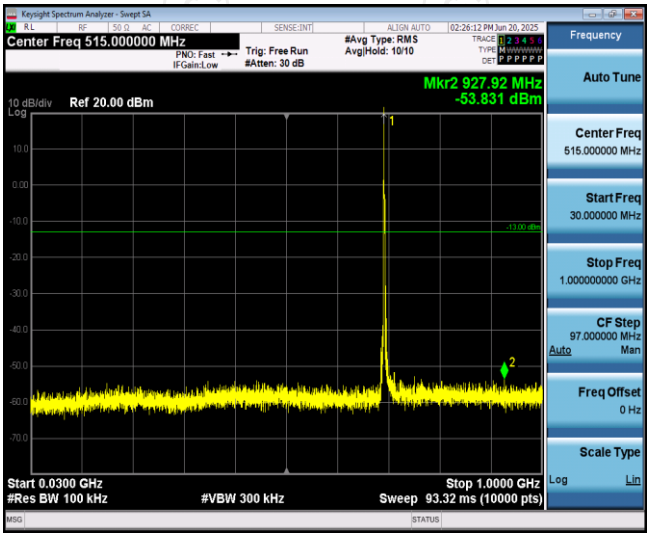
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



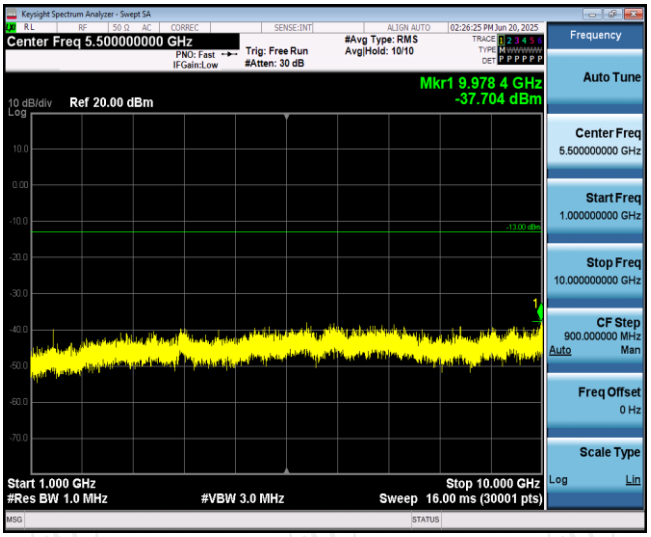
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



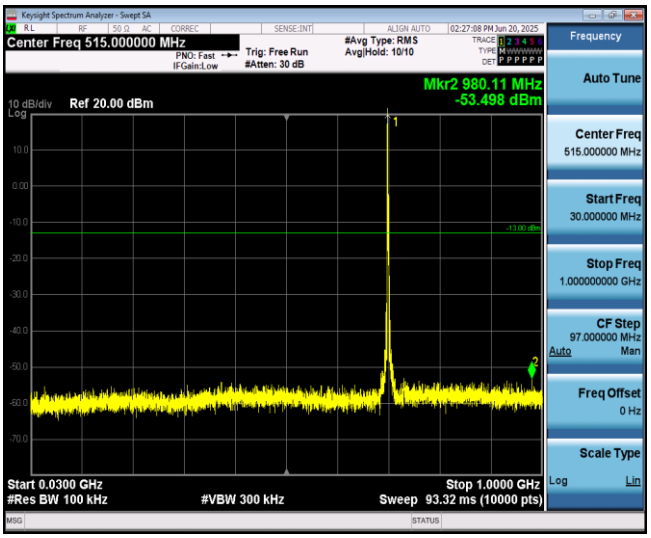
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



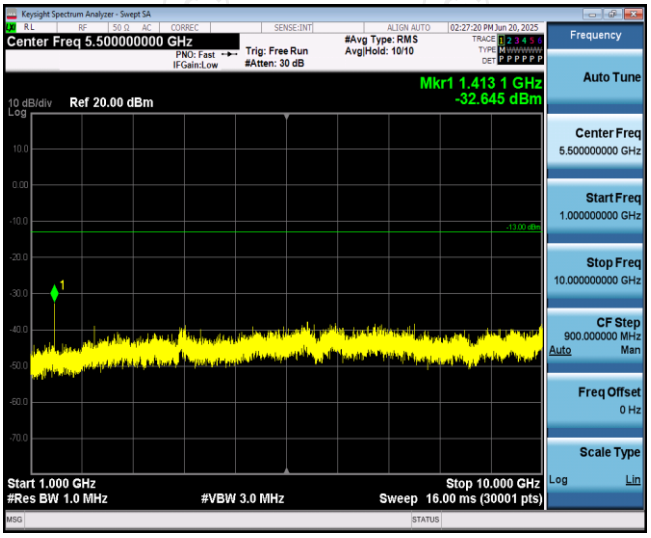
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz

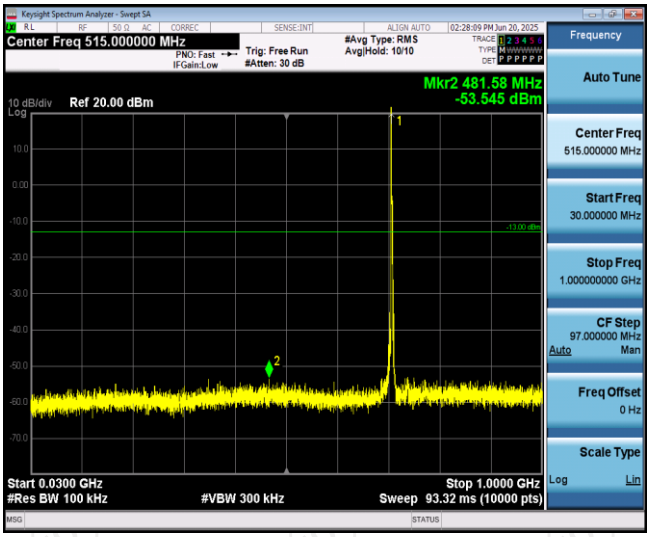


Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

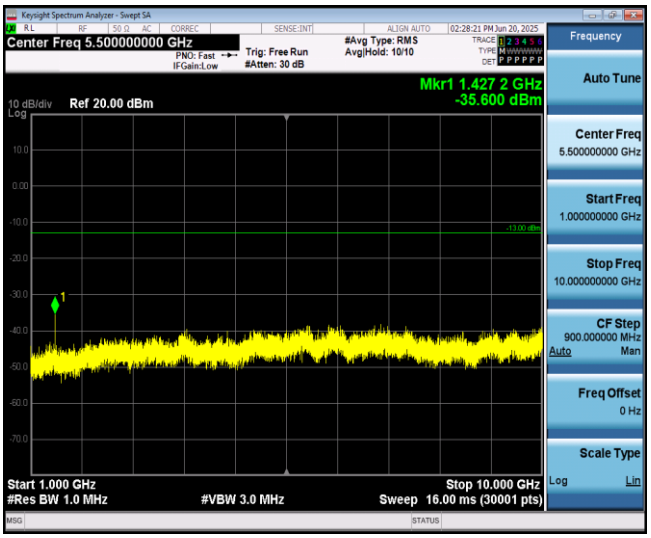


Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz

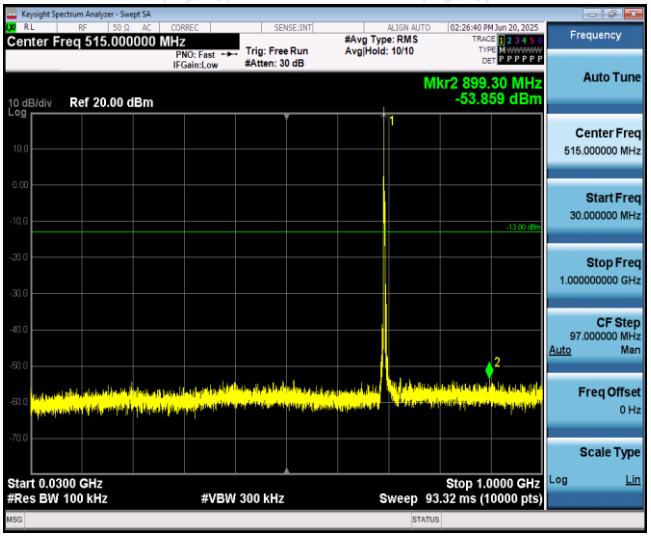
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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

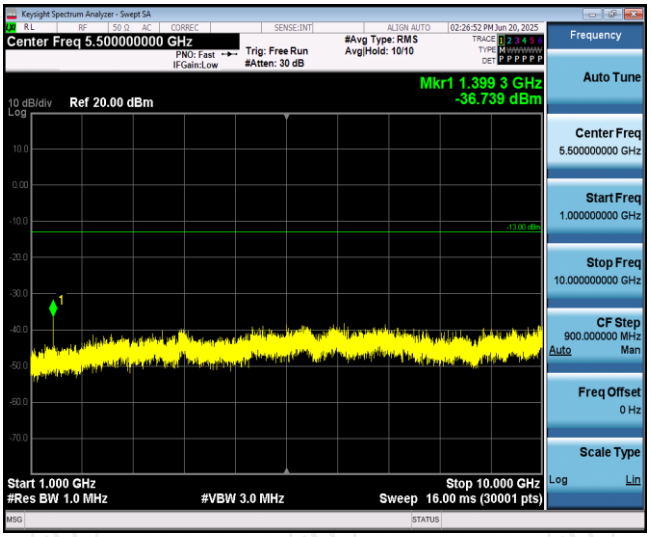


Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz

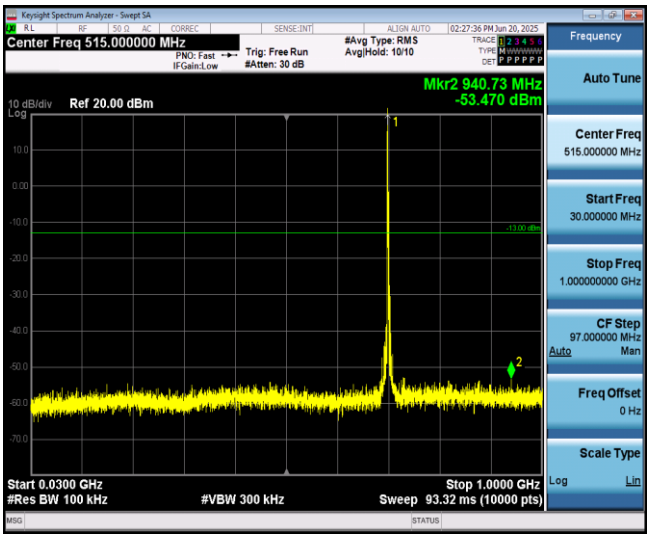


Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz

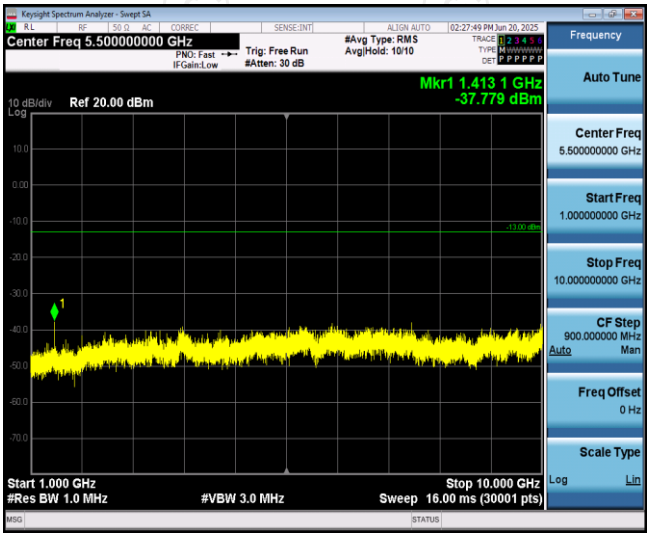
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz

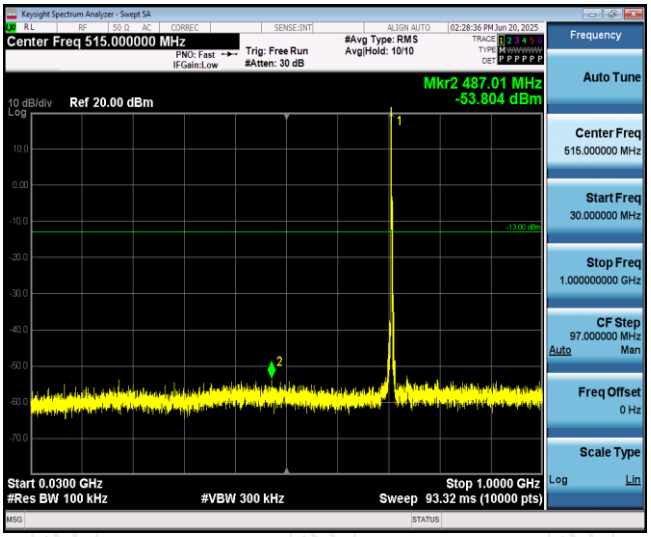


Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

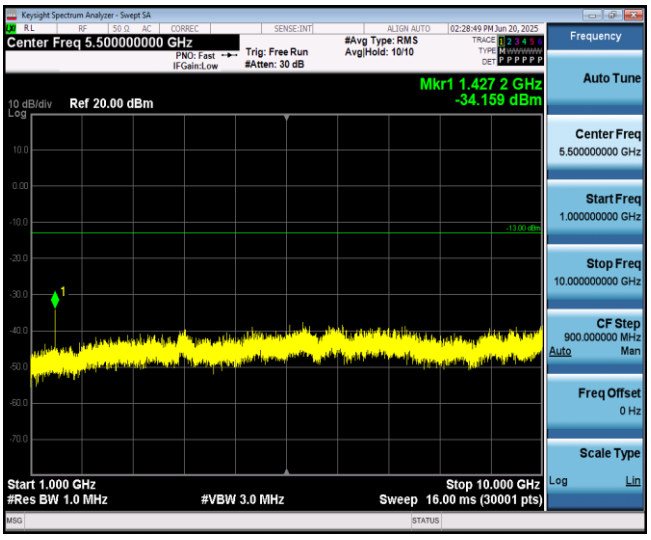


Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz

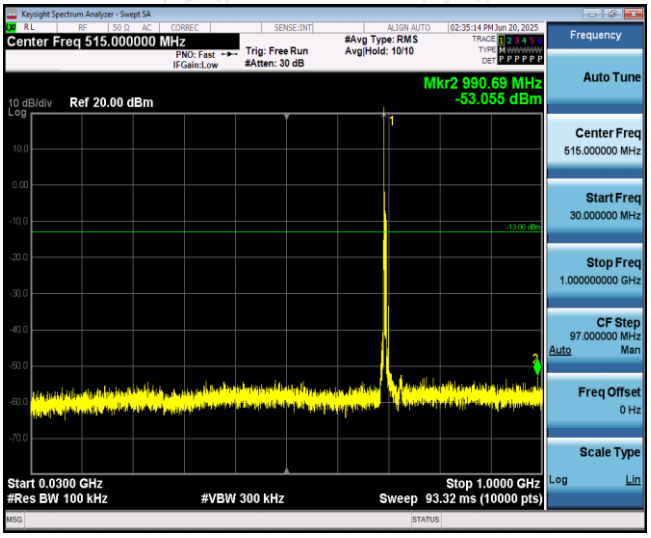
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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

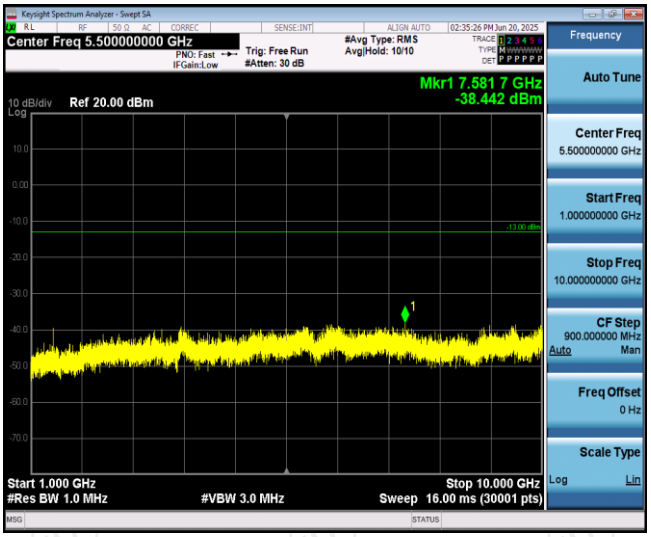


Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz

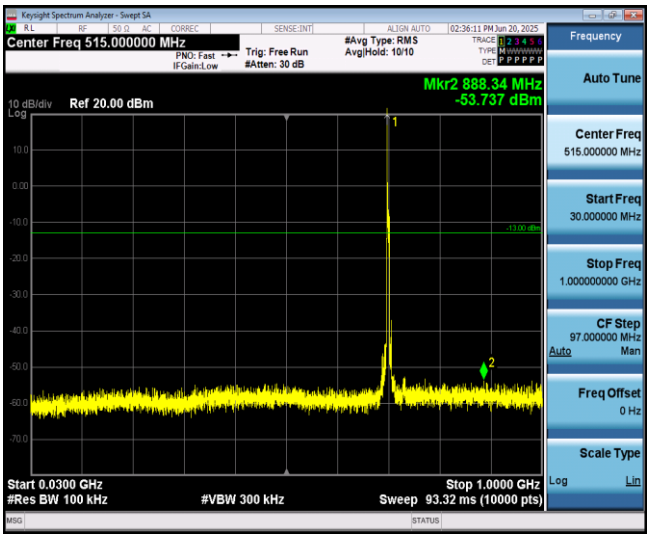


Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz

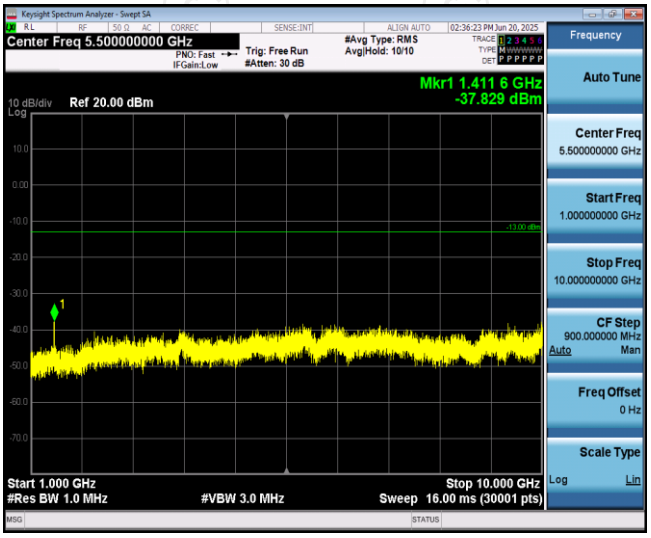
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



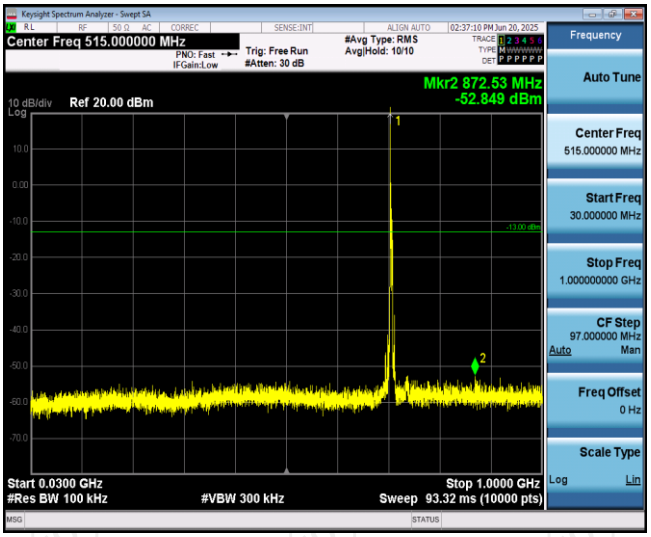
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



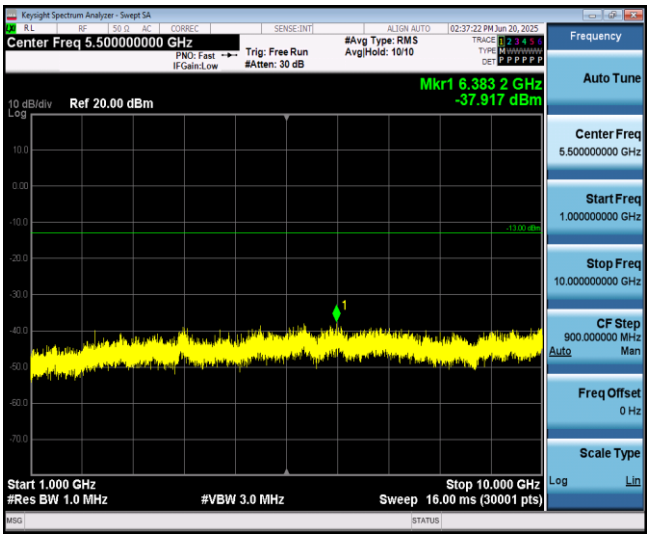
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



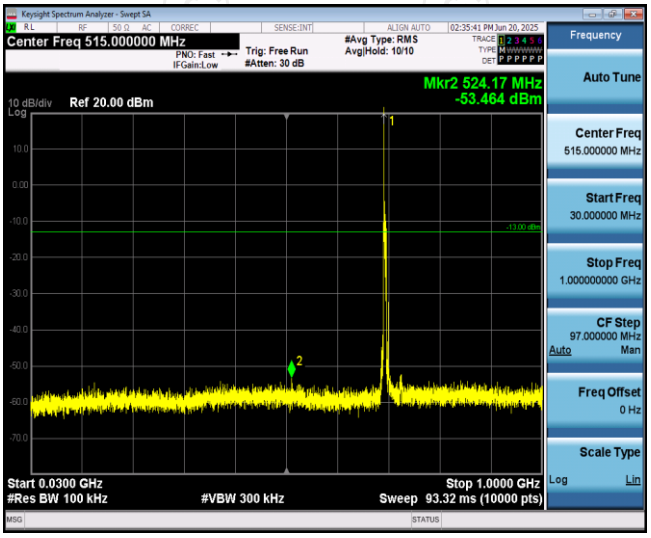
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



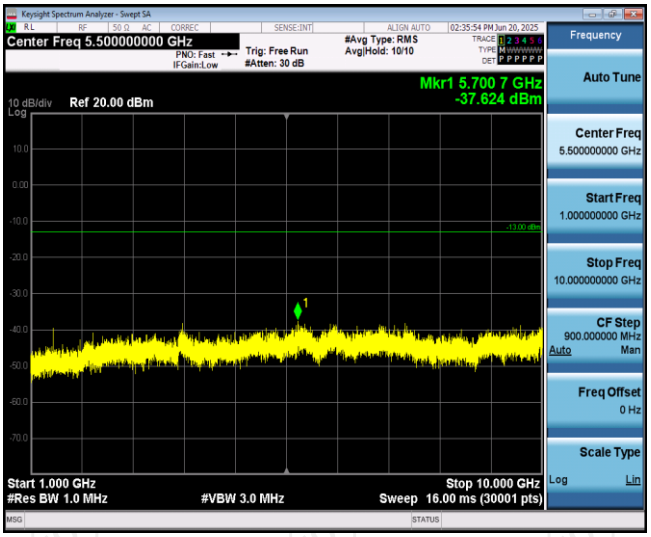
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



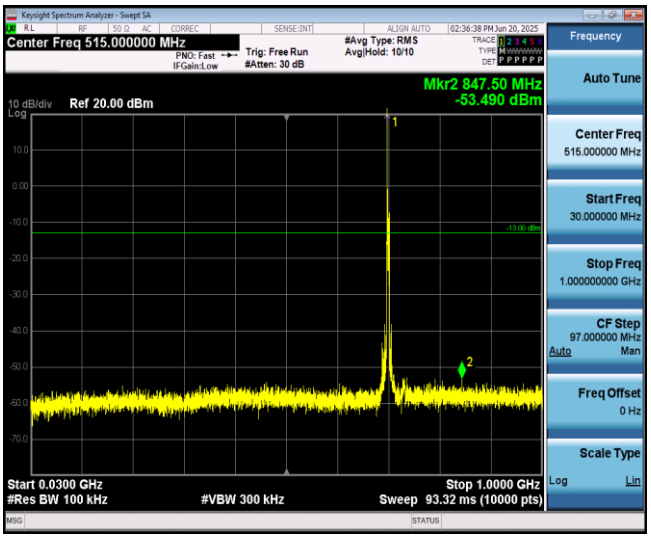
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



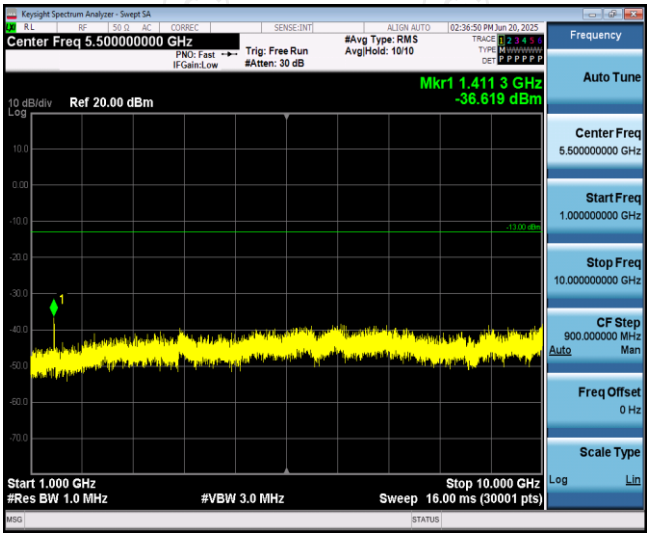
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



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



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



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

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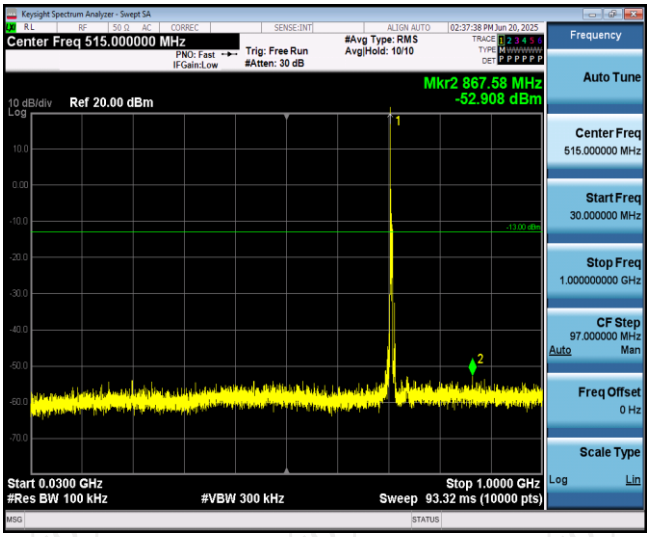
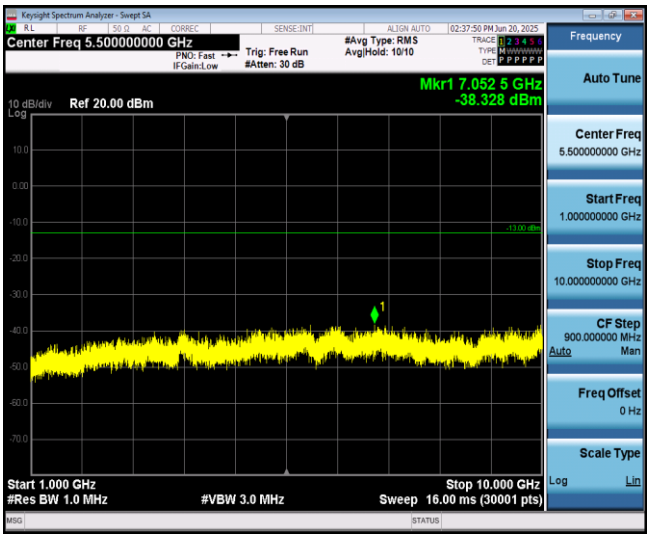
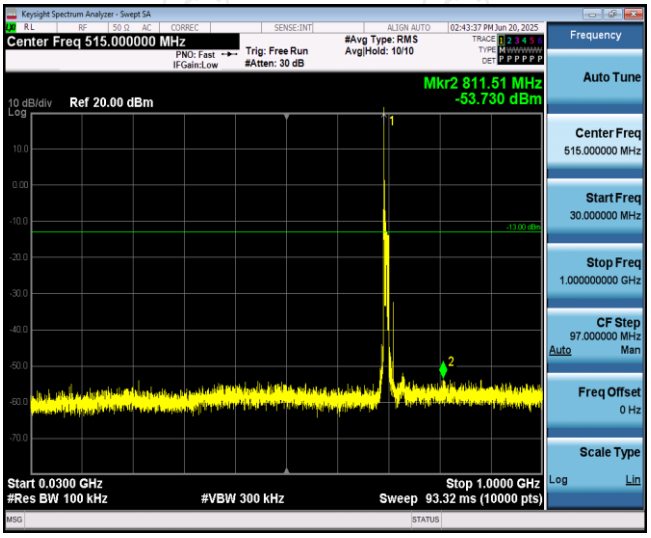


Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz

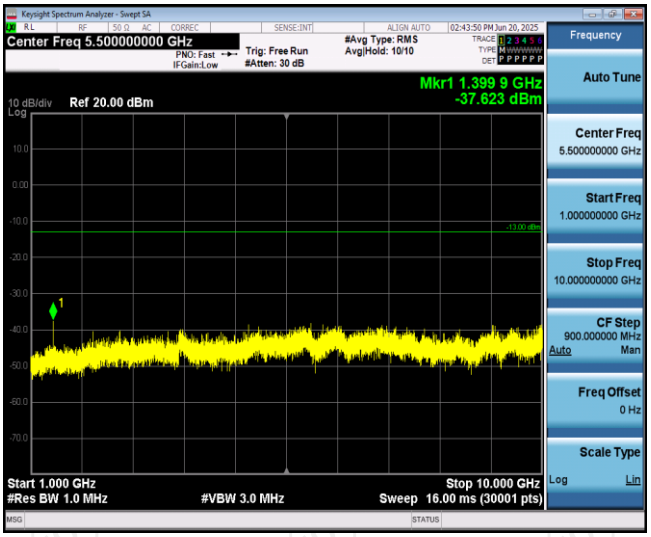


Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz

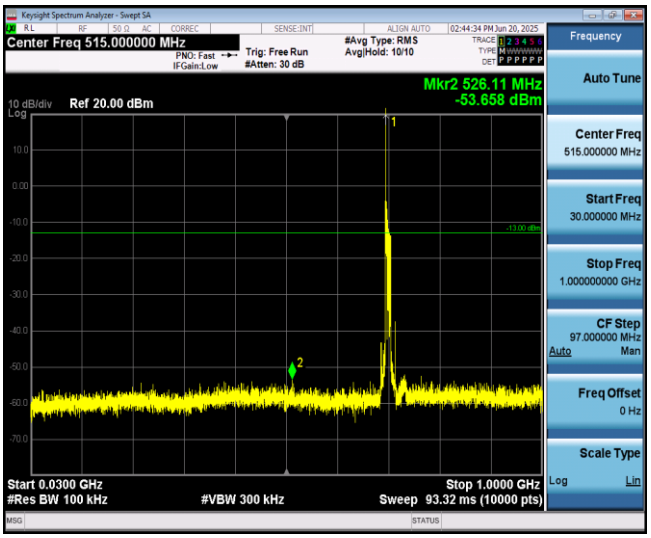


Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz

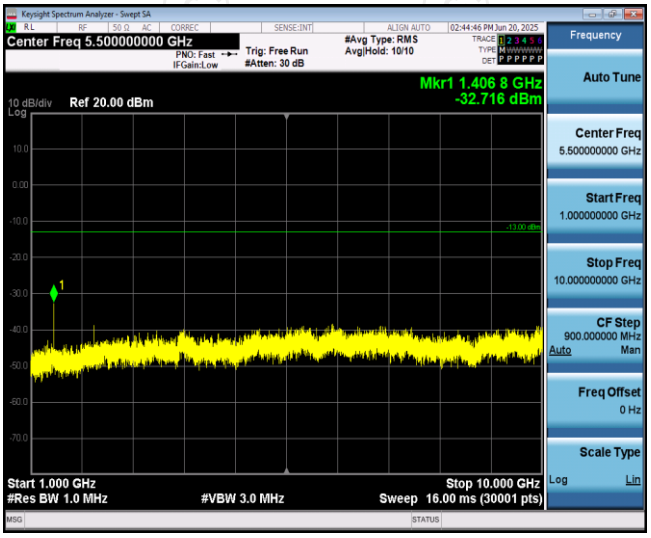
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



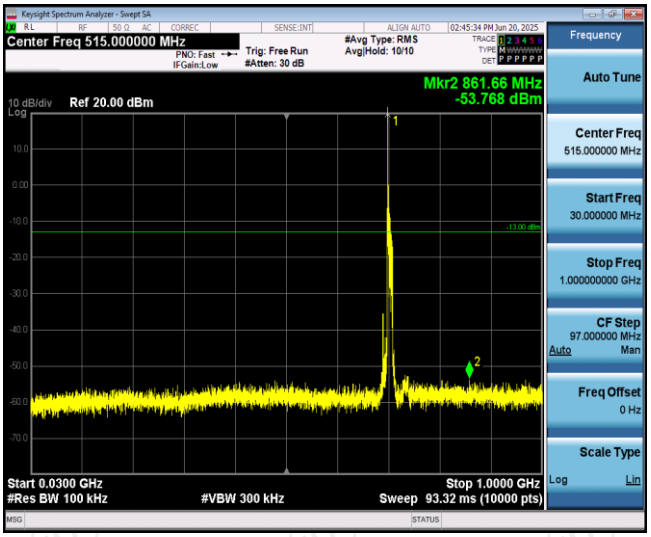
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



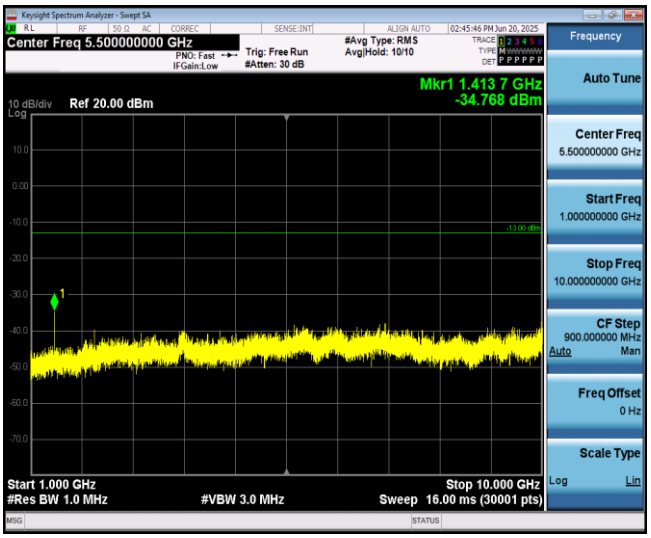
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



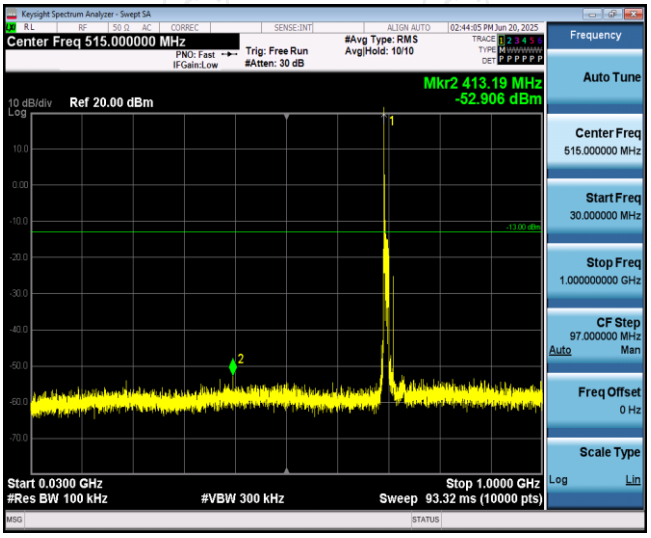
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



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

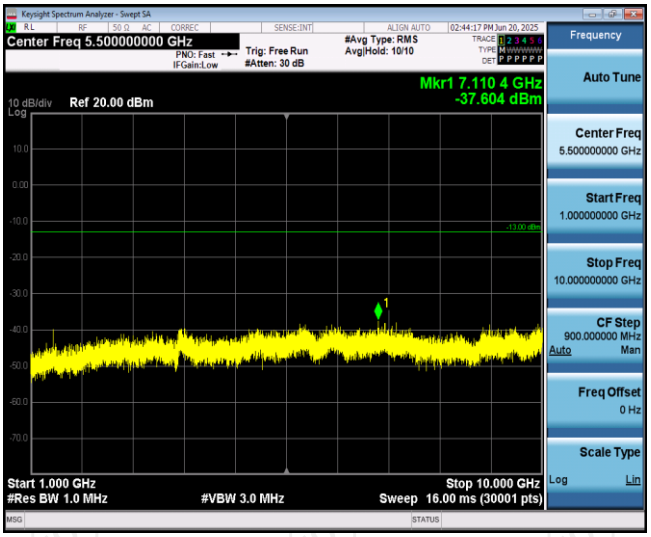


Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz

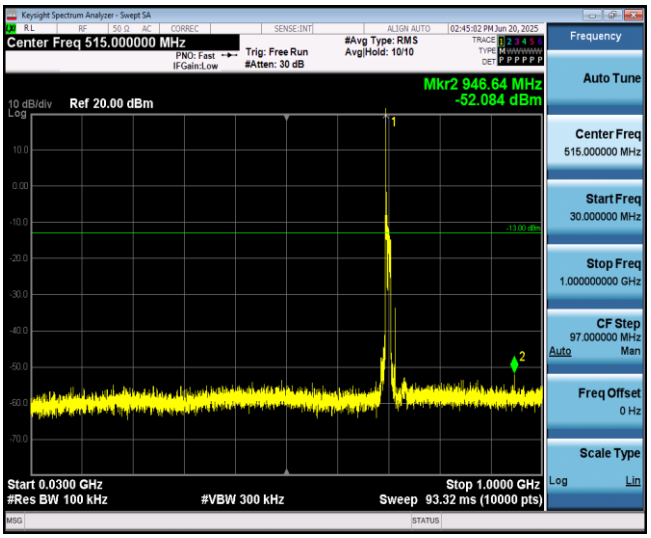


Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz

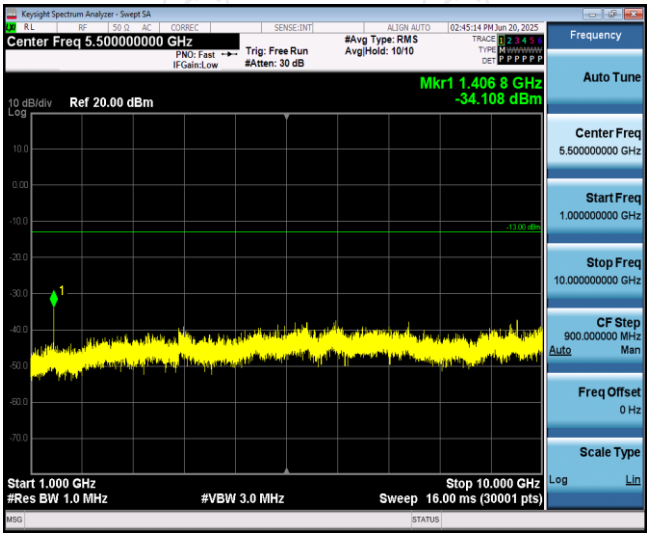
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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

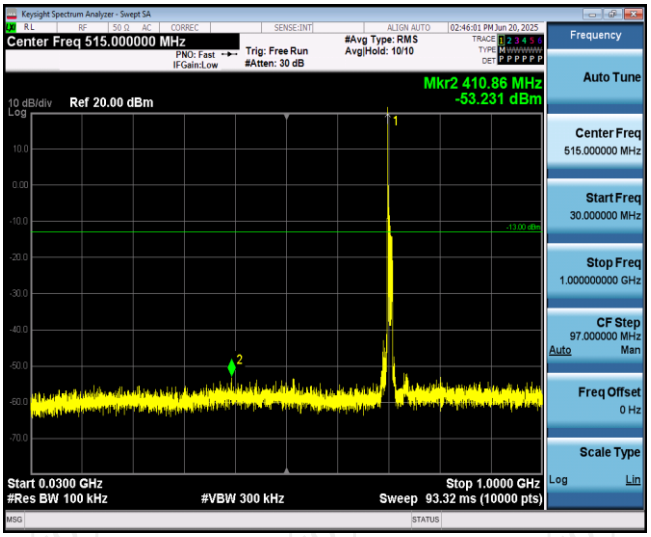


Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

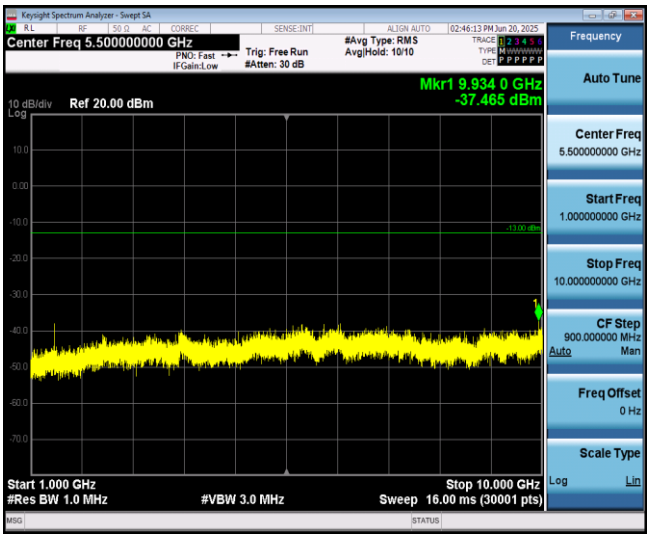


Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz

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



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	-28.17	-0.040260	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-27.56	-0.039388	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-25.91	-0.037030	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-27.16	-0.038389	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-11.26	-0.015915	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-29.25	-0.041343	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-25.18	-0.035202	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-11.23	-0.015700	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-27.81	-0.038879	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-25.42	-0.036330	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-27.18	-0.038845	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-27.63	-0.039488	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-32.93	-0.046544	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-31.62	-0.044693	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-34.30	-0.048481	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-35.74	-0.049965	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-34.67	-0.048469	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-37.00	-0.051727	±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	-23.84	-0.034072	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-23.62	-0.033757	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-23.00	-0.032871	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-23.48	-0.033557	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-24.84	-0.035501	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-26.40	-0.037314	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-29.79	-0.042106	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-27.77	-0.039251	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-29.06	-0.041074	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-31.29	-0.044226	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-26.24	-0.036684	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-29.36	-0.041046	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-28.71	-0.040137	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-29.04	-0.040598	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-30.94	-0.043255	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-28.52	-0.040760	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-30.79	-0.044005	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-33.06	-0.047249	±2.5	PASS

Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-34.46	-0.049250	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-34.91	-0.049893	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-37.98	-0.053682	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-42.25	-0.059717	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-44.21	-0.062488	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-46.88	-0.066261	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-4.40	-0.006219	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-41.83	-0.058479	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-42.97	-0.060073	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-47.34	-0.066182	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-6.12	-0.008556	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-8.28	-0.011576	±2.5	PASS