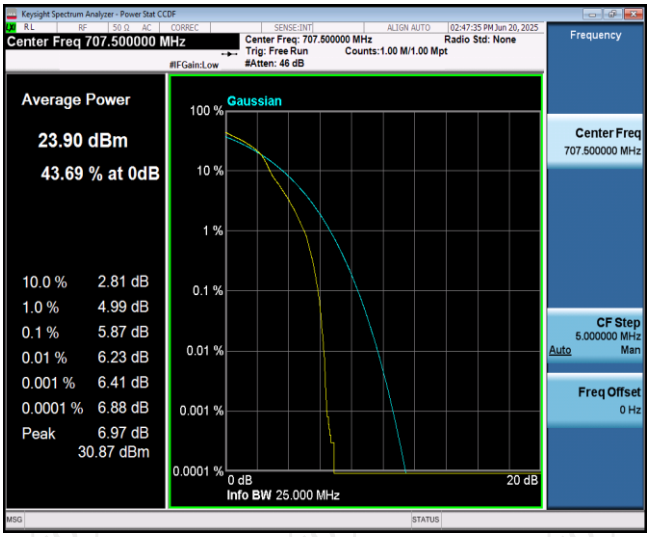
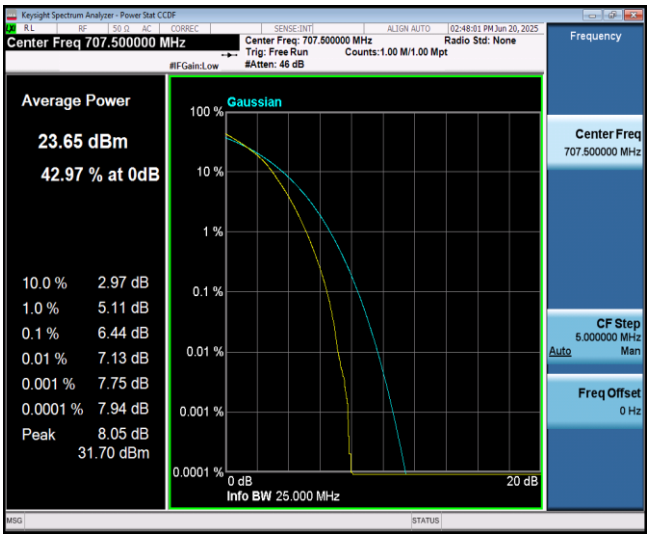
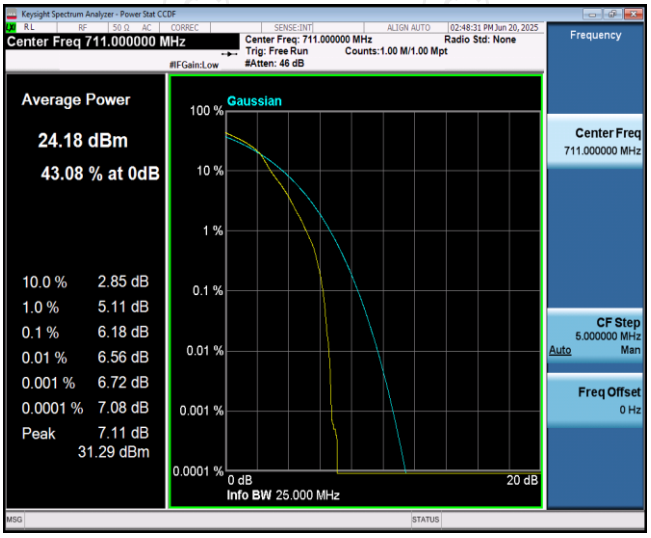


Band12-10MHz-16QAM-23095-1RB#0

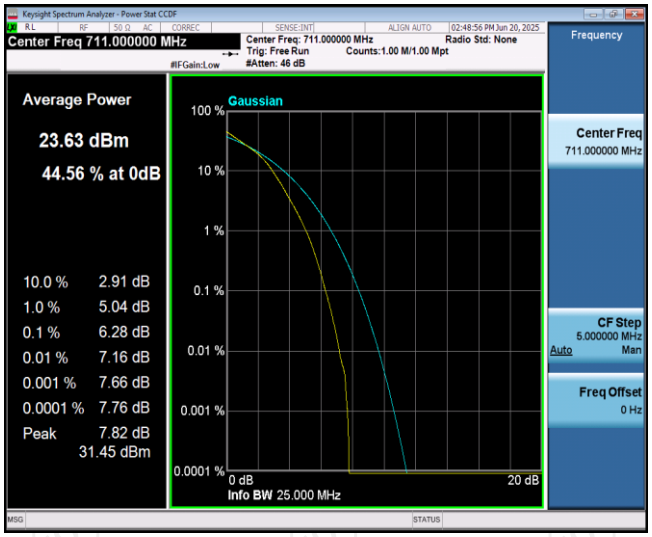


Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0

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



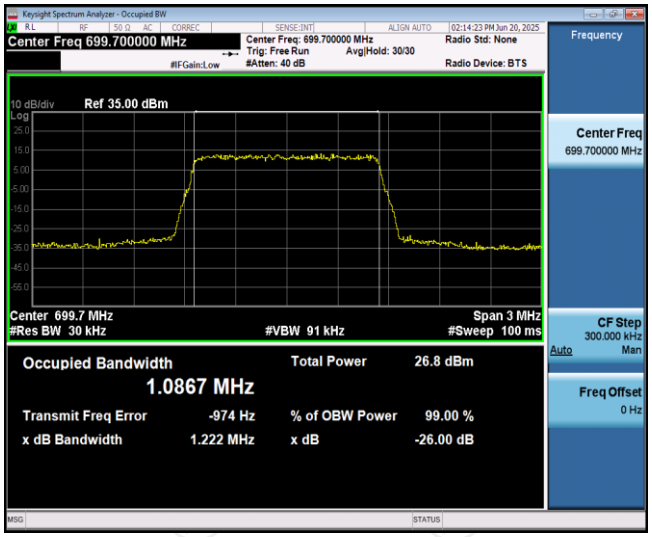
Band12-10MHz-16QAM-23130-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

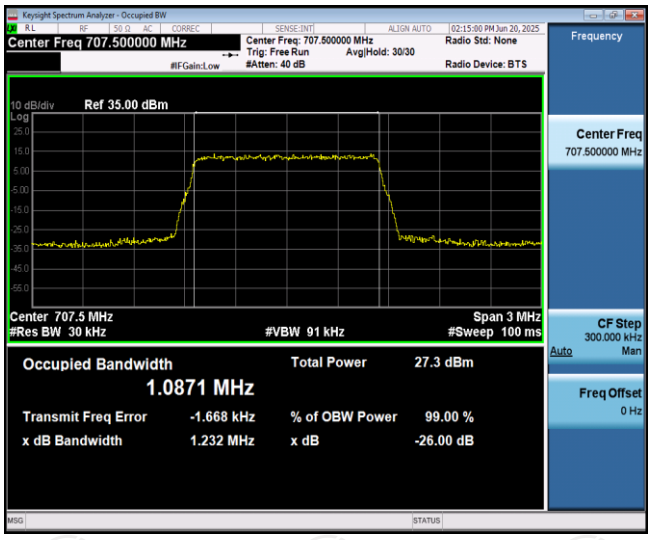
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0867	1.222	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0871	1.232	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0902	1.225	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0916	1.240	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0907	1.236	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0922	1.240	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6962	2.964	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7014	2.972	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6986	2.963	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6908	2.949	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6976	2.984	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6973	2.959	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4952	4.889	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4928	4.876	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4948	4.873	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4991	4.873	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4943	4.897	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4983	4.855	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0039	9.542	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9818	9.582	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9560	9.545	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9887	9.591	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9787	9.559	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9457	9.546	PASS

Test Graphs



Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0

Band12-1.4MHz-QPSK-23173-6RB#0

Band12-1.4MHz-16QAM-23017-6RB#0

Band12-1.4MHz-16QAM-23095-6RB#0

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

Band12-1.4MHz-16QAM-23173-6RB#0

Band12-3MHz-QPSK-23025-15RB#0

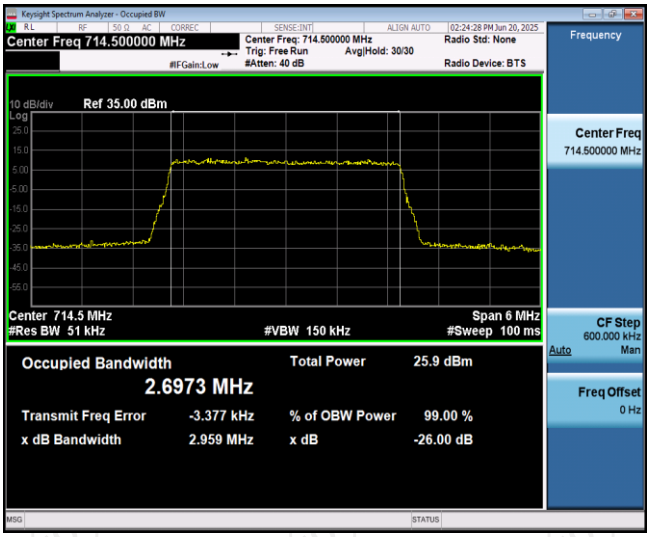
Band12-3MHz-QPSK-23095-15RB#0

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

Band12-3MHz-QPSK-23165-15RB#0

Band12-3MHz-16QAM-23025-15RB#0

Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

Band12-5MHz-QPSK-23035-25RB#0

Band12-5MHz-QPSK-23095-25RB#0

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

Band12-5MHz-QPSK-23155-25RB#0

Band12-5MHz-16QAM-23035-25RB#0

Band12-5MHz-16QAM-23095-25RB#0

Band12-5MHz-16QAM-23155-25RB#0

Band12-10MHz-QPSK-23060-50RB#0

Band12-10MHz-QPSK-23095-50RB#0

Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-50RB#0

Band12-10MHz-16QAM-23095-50RB#0

Band12-10MHz-16QAM-23130-50RB#0

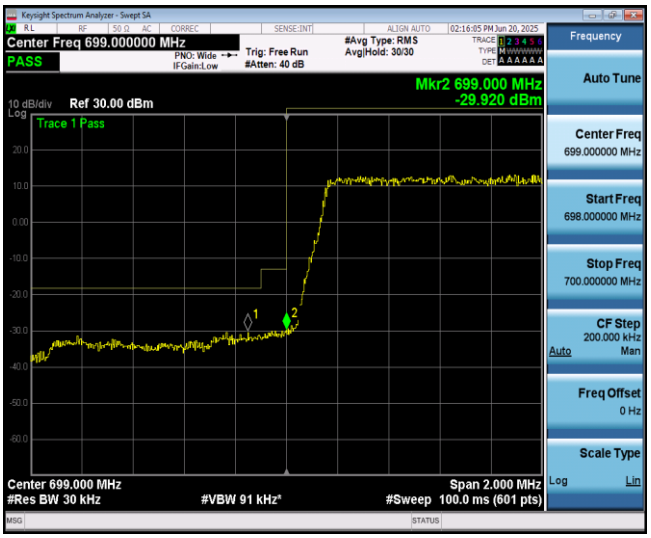
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Appendix D: Band Edge

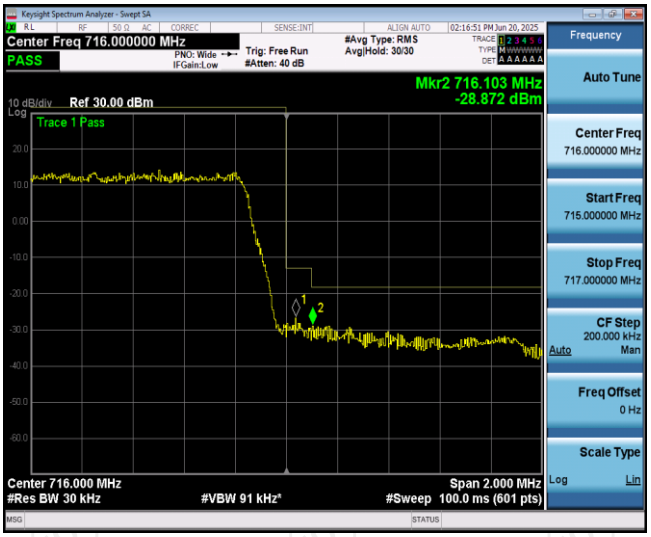
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-30.38,-29.92	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.60,-28.87	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.97,-29.65	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.94,-28.81	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.79,-16.07	PASS
Band12	3MHz	QPSK	23165	15RB#0	-15.49,-30.57	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.23,-17.48	PASS
Band12	3MHz	16QAM	23165	15RB#0	-17.97,-31.79	PASS
Band12	5MHz	QPSK	23035	25RB#0	-20.92	PASS
Band12	5MHz	QPSK	23155	25RB#0	-21.54	PASS
Band12	5MHz	16QAM	23035	25RB#0	-21.48	PASS
Band12	5MHz	16QAM	23155	25RB#0	-22.45	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.66,-23.85	PASS
Band12	10MHz	QPSK	23130	50RB#0	-25.29,-29.62	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.14,-25.05	PASS
Band12	10MHz	16QAM	23130	50RB#0	-25.23,-29.52	PASS

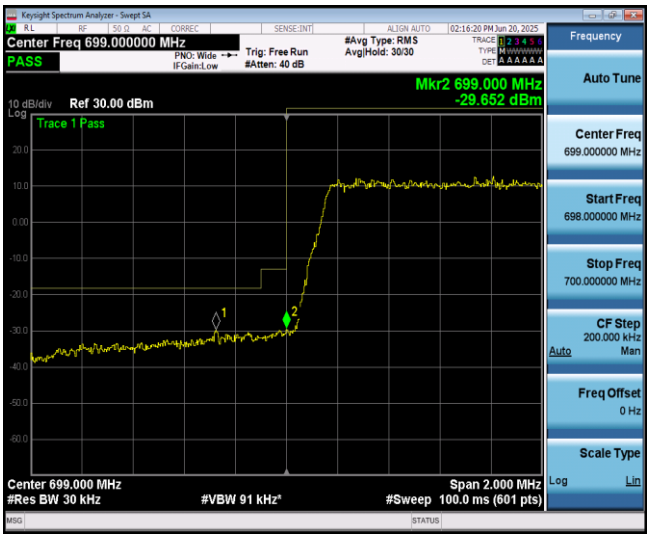
Test Graphs



Band12-1.4MHz-QPSK-23017-6RB#0



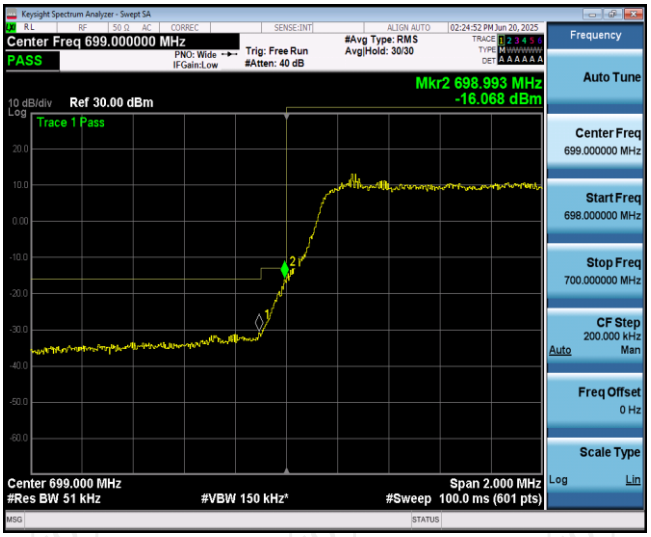
Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-6RB#0

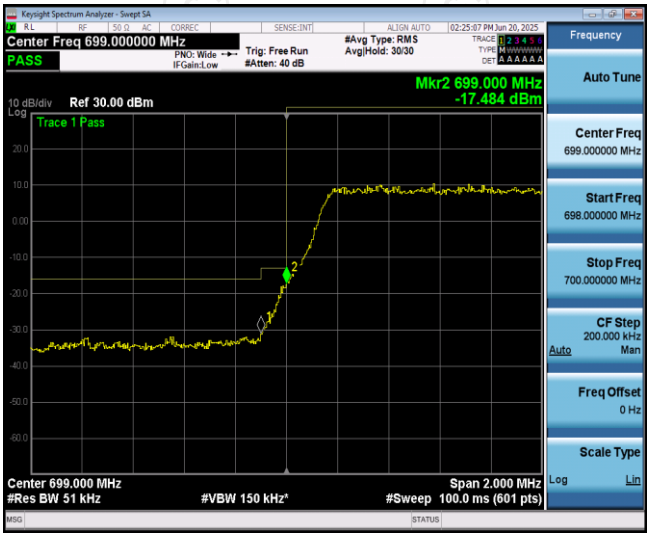
Band12-1.4MHz-16QAM-23173-6RB#0

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



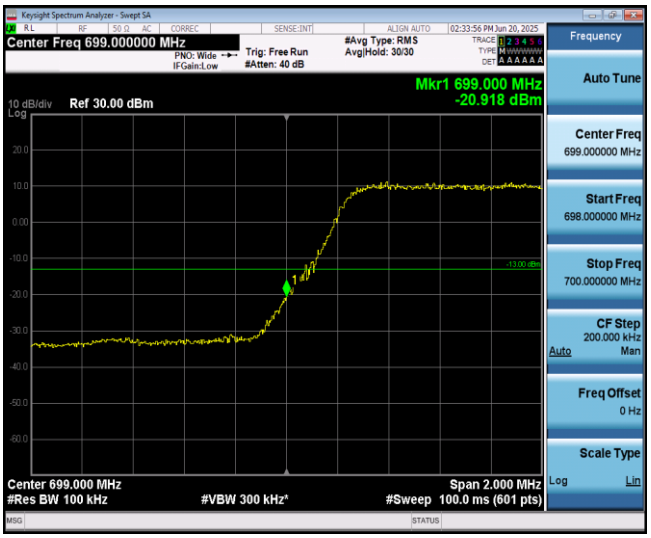
Band12-3MHz-QPSK-23025-15RB#0

Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-15RB#0

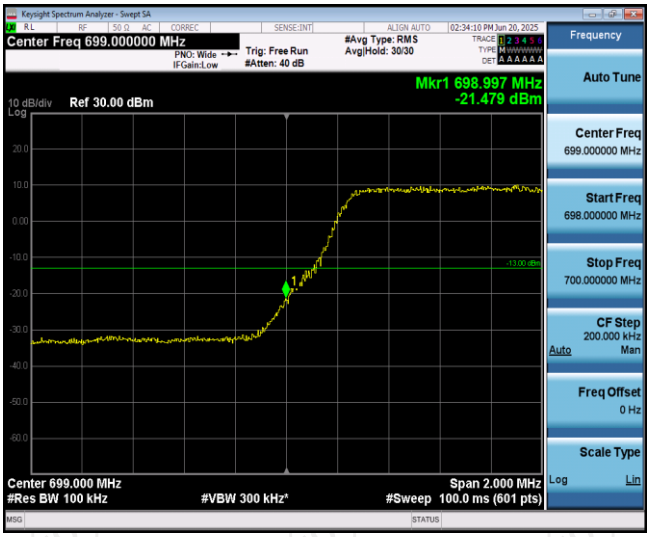
Band12-3MHz-16QAM-23165-15RB#0



Band12-5MHz-QPSK-23035-25RB#0

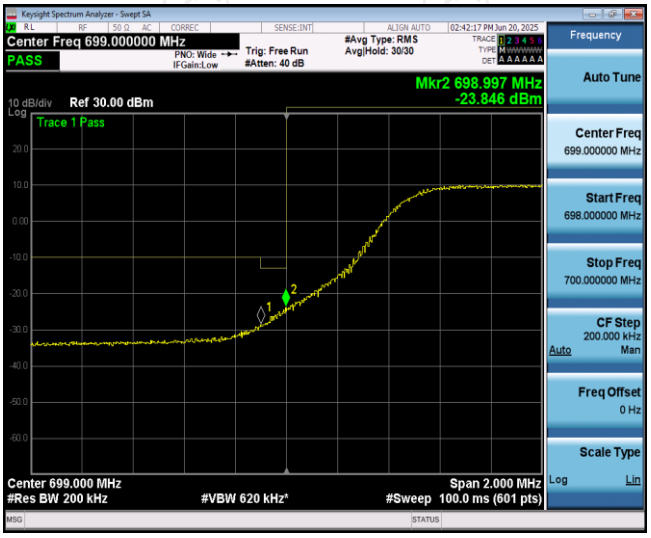
Band12-5MHz-QPSK-23155-25RB#0

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



Band12-5MHz-16QAM-23035-25RB#0

Band12-5MHz-16QAM-23155-25RB#0



Band12-10MHz-QPSK-23060-50RB#0

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

Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-50RB#0

Band12-10MHz-16QAM-23130-50RB#0

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

Appendix E: Conducted Spurious Emission

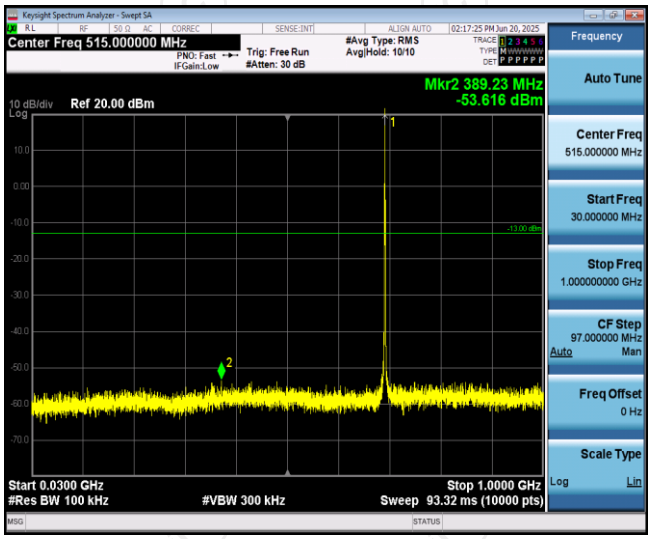
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-53.62	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-36.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-52.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-53.43	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-36.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-52.13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-53.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-37.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-53.36	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-36.38	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-53.83	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-37.7	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-53.5	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-32.65	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-53.55	PASS

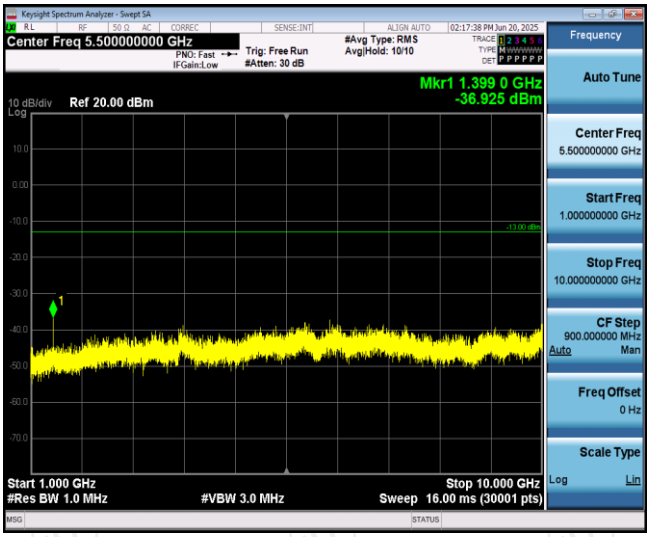
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-35.6	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-53.86	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-36.74	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-53.47	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-37.78	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-53.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-34.16	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-53.06	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-38.44	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-53.74	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-37.83	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-52.85	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-37.92	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-53.46	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-37.62	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-53.49	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-36.62	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-52.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-38.33	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-53.73	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-37.62	PASS
Band1	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-53.6	PAS

2						6	S
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-32.72	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-53.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-52.91	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-37.6	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-52.08	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.11	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-53.23	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-37.47	PASS

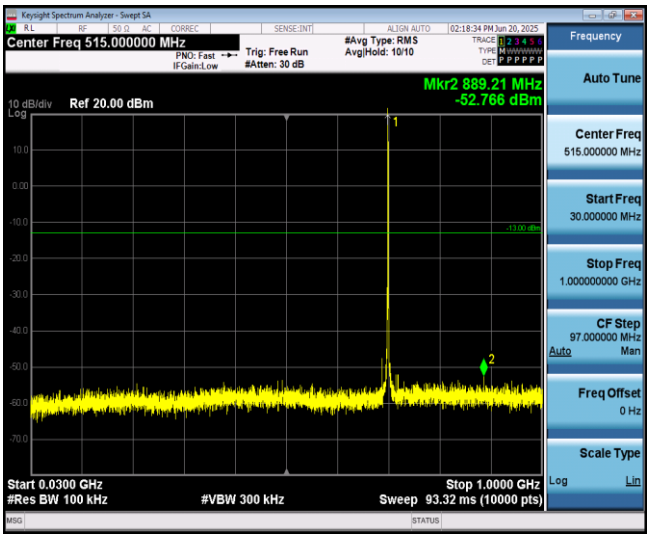
Test Graphs



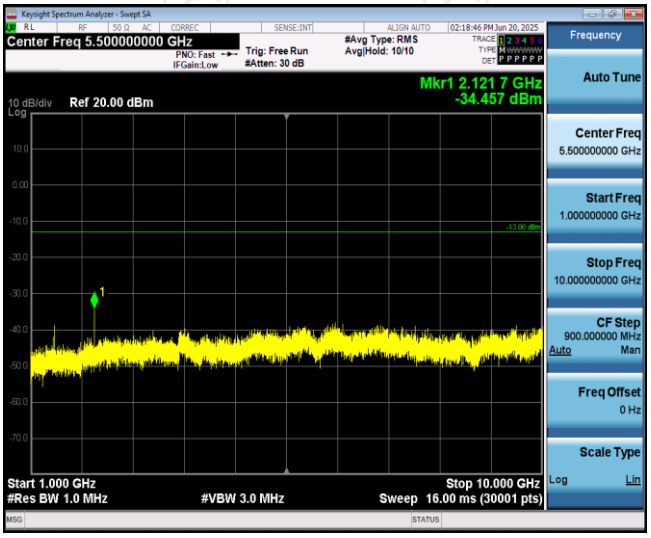
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



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

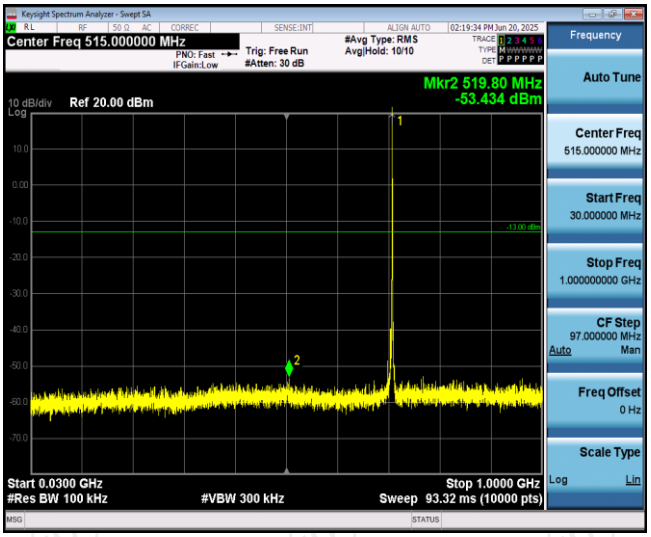


Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

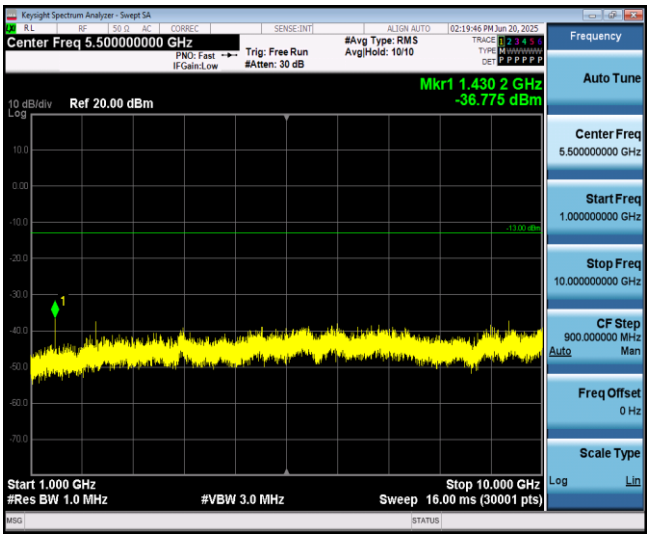


Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz

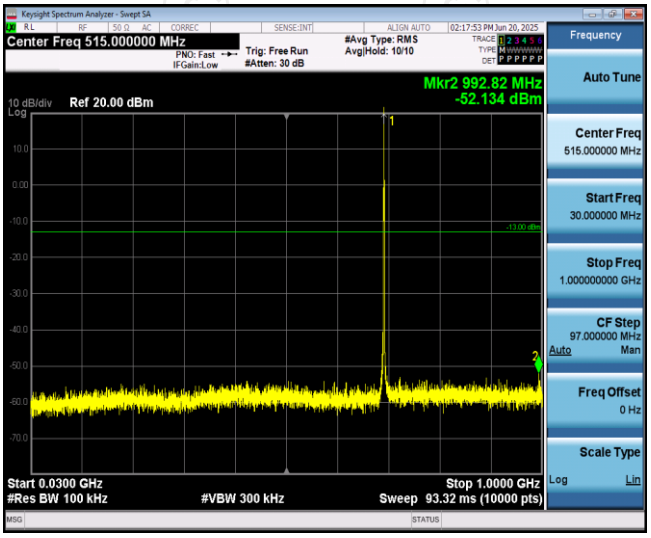
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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



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



Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz

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