Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.09	23.05	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.10	23.06	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.06	23.02	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.03	21.99	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.05	22.01	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.22	22.18	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.12	22.08	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.23	23.19	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.16	23.12	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.03	22.99	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.11	22.07	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.09	22.05	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.65	22.61	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.12	22.08	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.03	22.99	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.02	22.98	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.95	22.91	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.58	22.54	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.59	22.55	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.53	22.49	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.58	22.54	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.18	22.14	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.21	22.17	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.26	22.22	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.52	21.48	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.53	21.49	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.29	21.25	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.19	21.15	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.83	21.79	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.81	21.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.36	22.32	PASS

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Band13	5MHz	16QAM	23230	12RB#0	21.03	20.99	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.03	20.99	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.29	21.25	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.15	21.11	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.44	21.4	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.95	21.91	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.79	21.75	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.61	21.57	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.61	21.57	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.56	21.52	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.72	21.68	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.02	22.98	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.03	22.99	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.87	22.83	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.08	22.04	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.97	21.93	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.51	22.47	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.16	22.12	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.91	21.87	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.00	21.96	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.34	22.3	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.09	21.05	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.10	21.06	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.54	21.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.29	21.25	PASS

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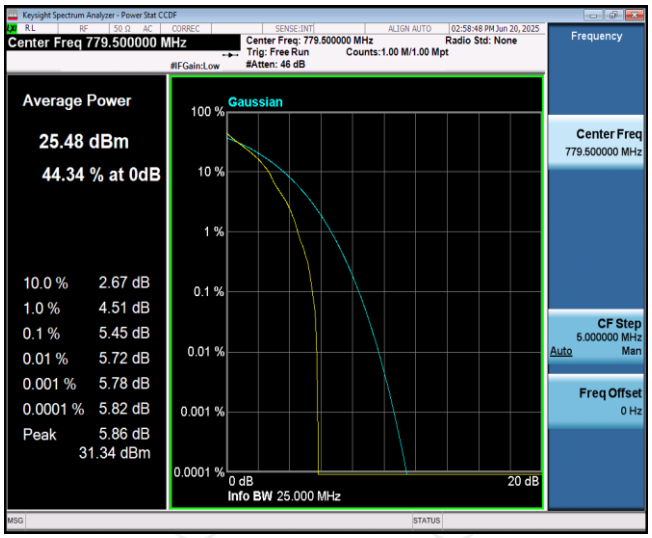
Appendix B: Peak-to-Average Ratio(CCDF)

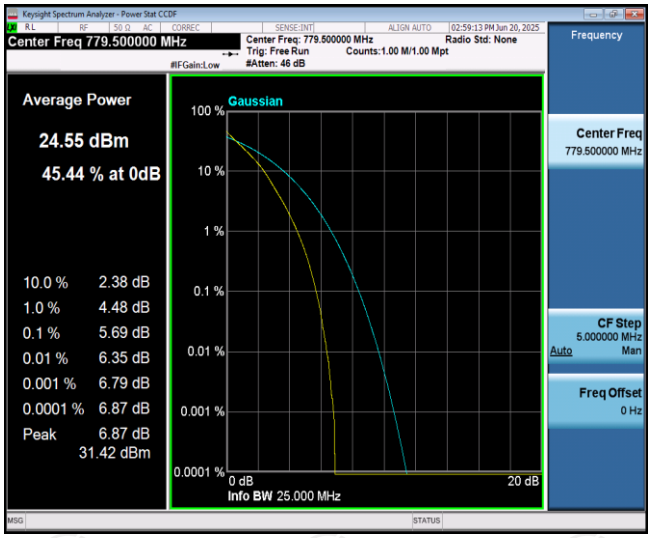
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	5.45	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.69	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.55	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.62	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.23	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.41	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	6.23	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.33	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.11	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.29	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.89	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.17	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.48	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.74	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.42	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.40	13	PASS

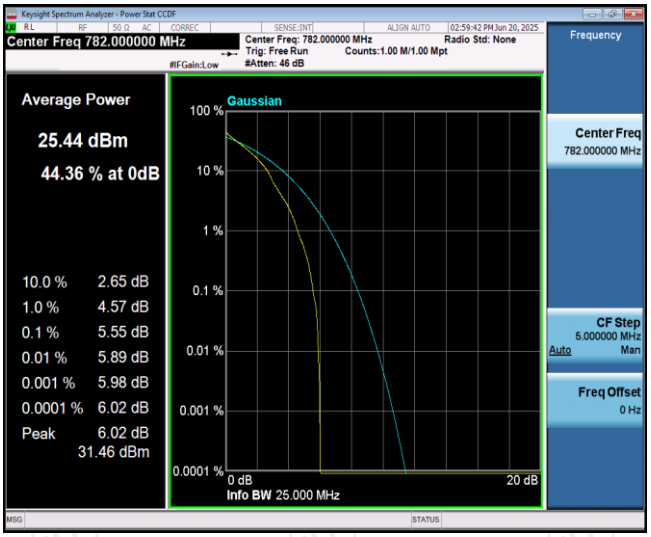
Test Graphs



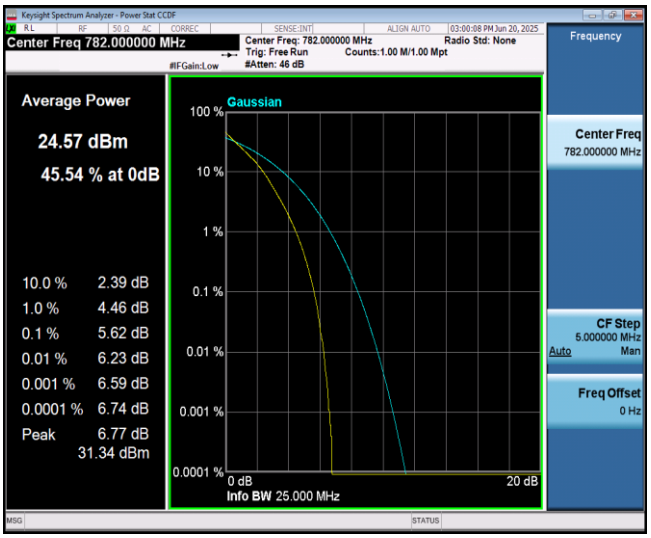
Band13-5MHz-QPSK-23205-1RB#0



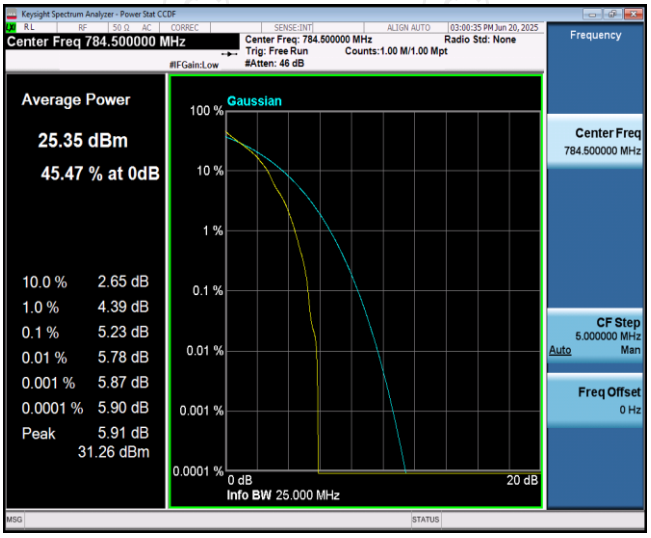
Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23230-1RB#0



Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-1RB#0

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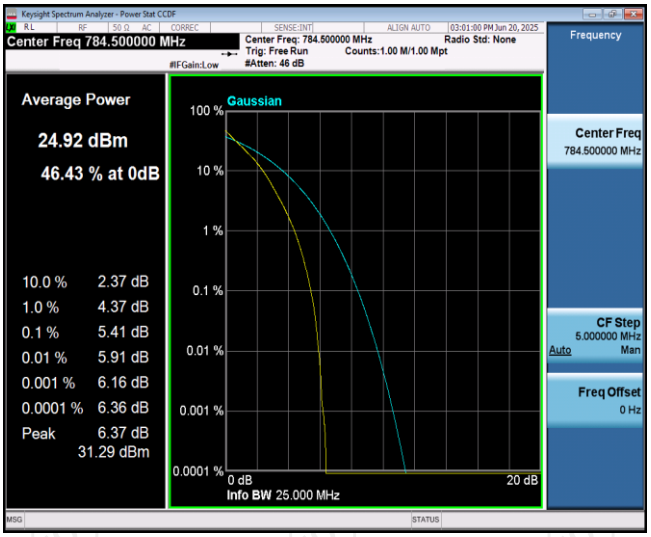
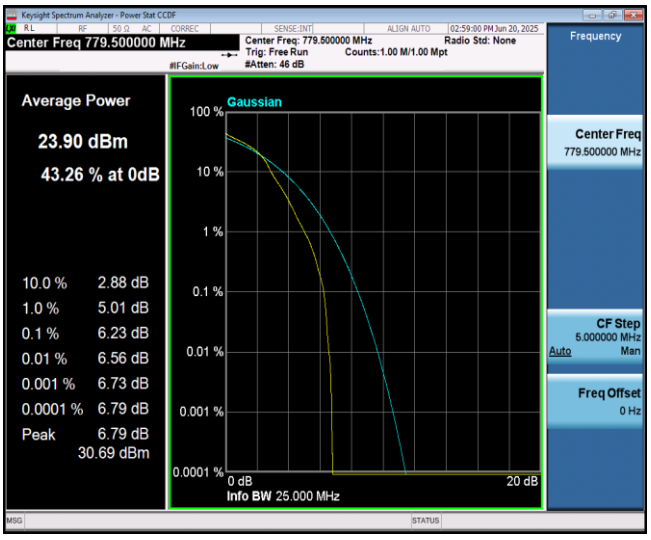
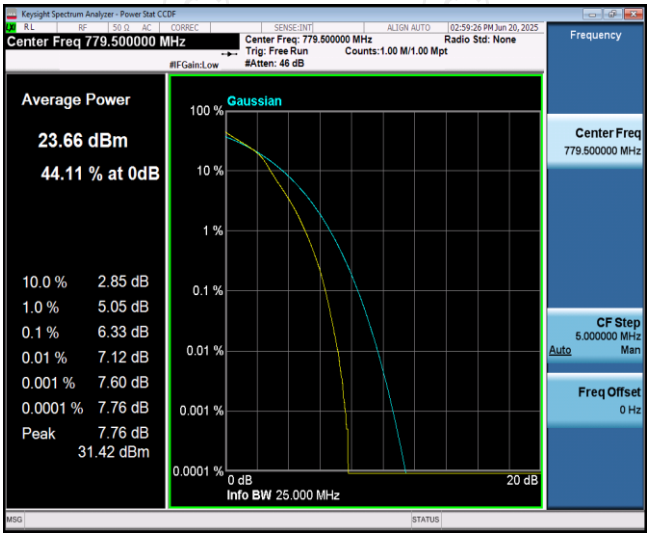


Band13-5MHz-QPSK-23255-25RB#0

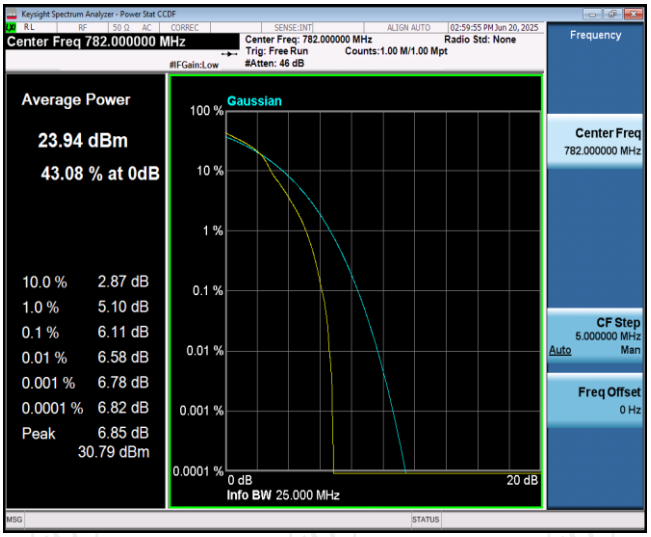


Band13-5MHz-16QAM-23205-1RB#0

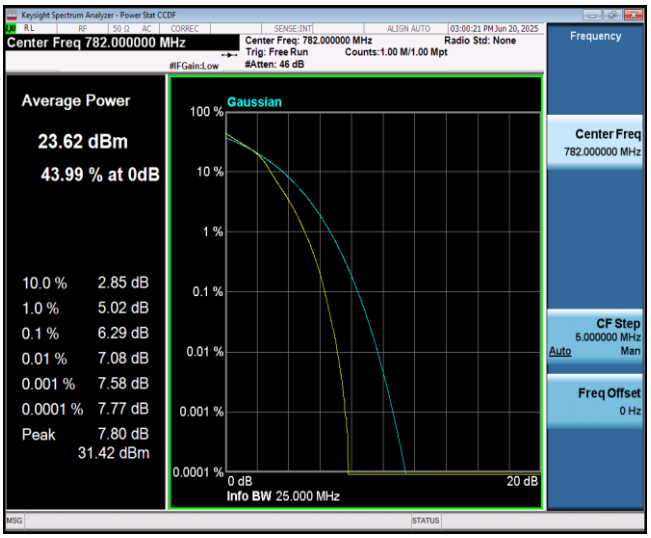


Band13-5MHz-16QAM-23205-25RB#0

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



Band13-5MHz-16QAM-23230-1RB#0



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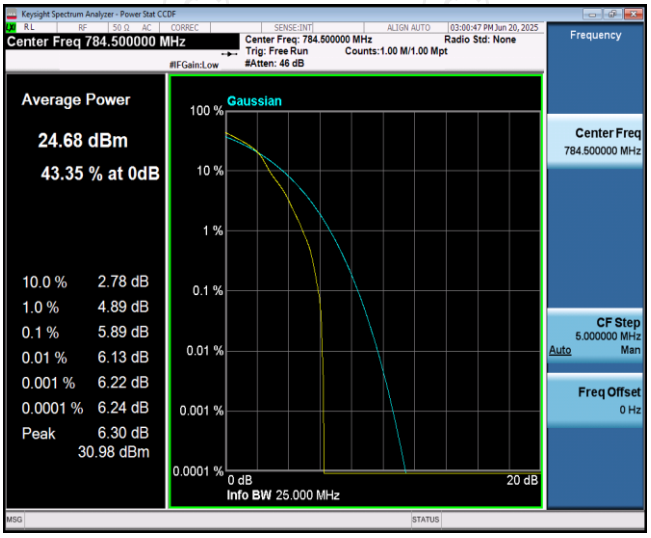
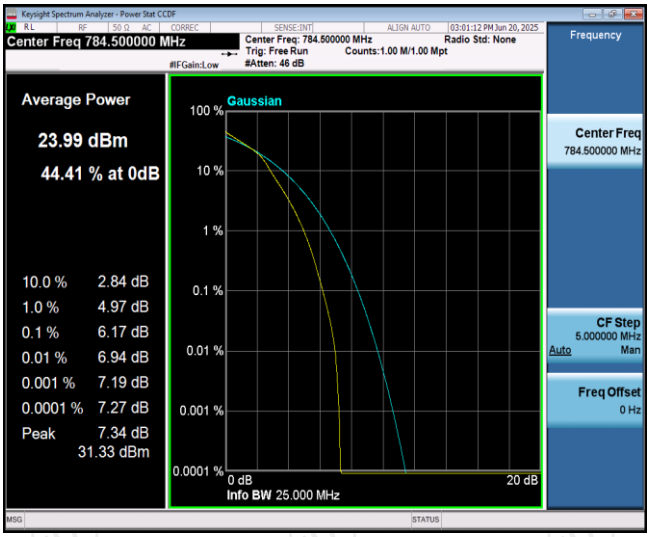
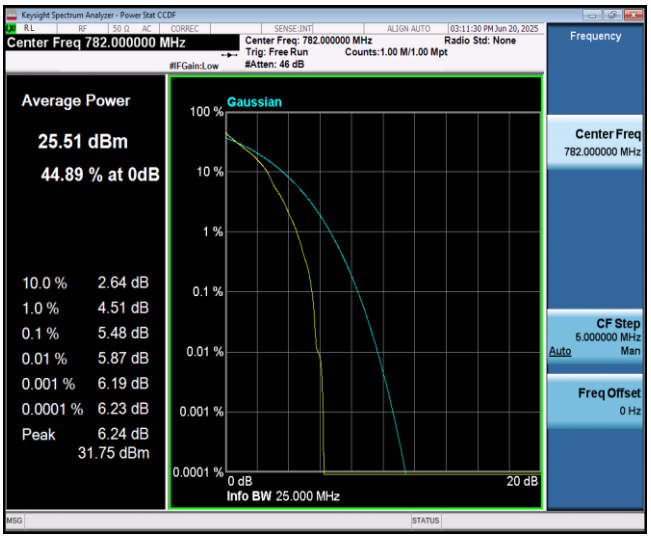


Band13-5MHz-16QAM-23255-1RB#0

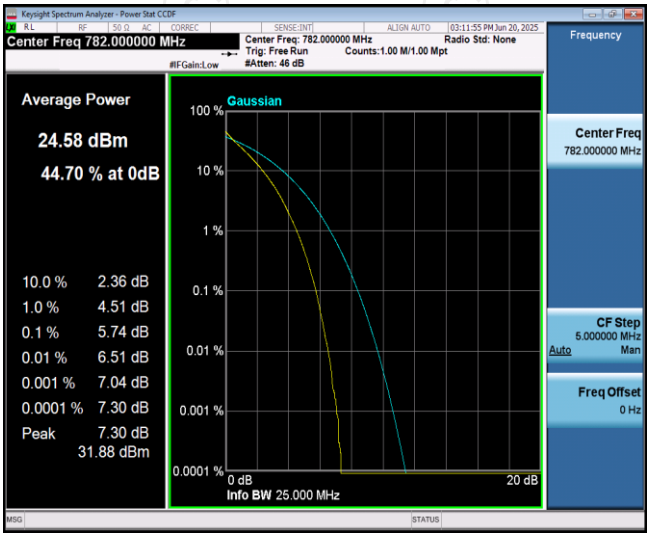
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band13-5MHz-16QAM-23255-25RB#0

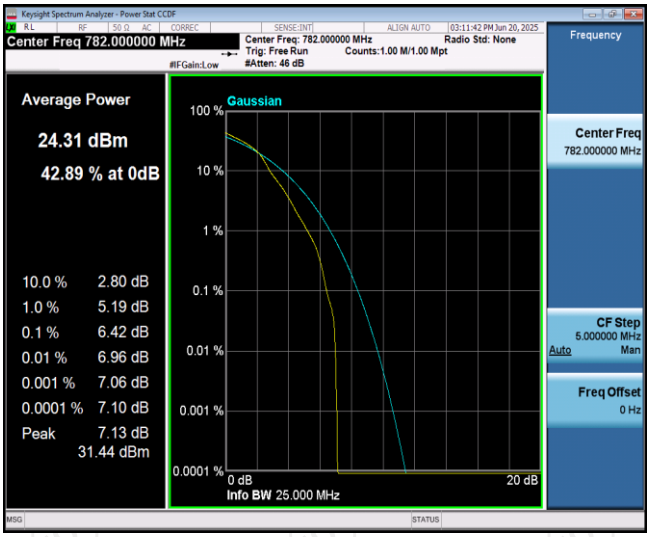


Band13-10MHz-QPSK-23230-1RB#0

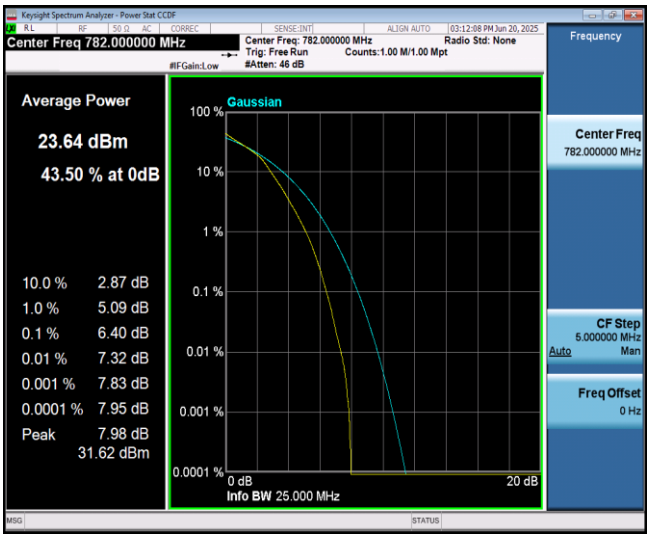


Band13-10MHz-QPSK-23230-50RB#0

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



Band13-10MHz-16QAM-23230-1RB#0



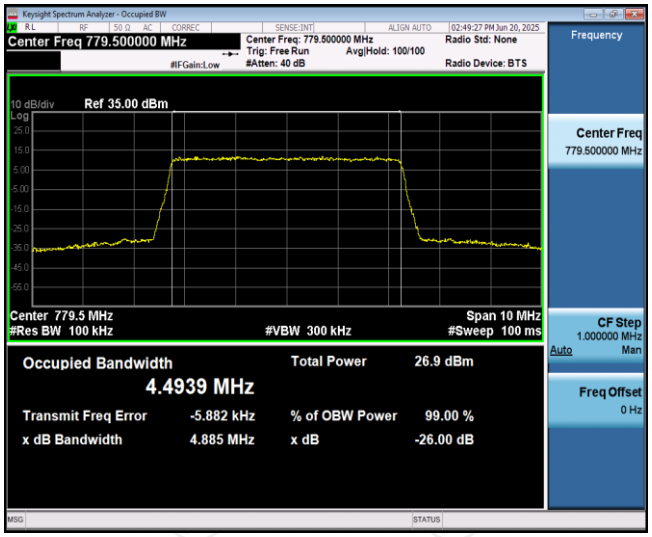
Band13-10MHz-16QAM-23230-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4939	4.885	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4970	4.872	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4915	4.863	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4950	4.879	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5010	4.869	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4883	4.875	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9815	9.557	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9654	9.553	PASS

Test Graphs



Band13-5MHz-QPSK-23205-25RB#0

Band13-5MHz-QPSK-23230-25RB#0

Band13-5MHz-QPSK-23255-25RB#0

Band13-5MHz-16QAM-23205-25RB#0

Band13-5MHz-16QAM-23230-25RB#0

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Band13-5MHz-16QAM-23255-25RB#0

Band13-10MHz-QPSK-23230-50RB#0

Band13-10MHz-16QAM-23230-50RB#0

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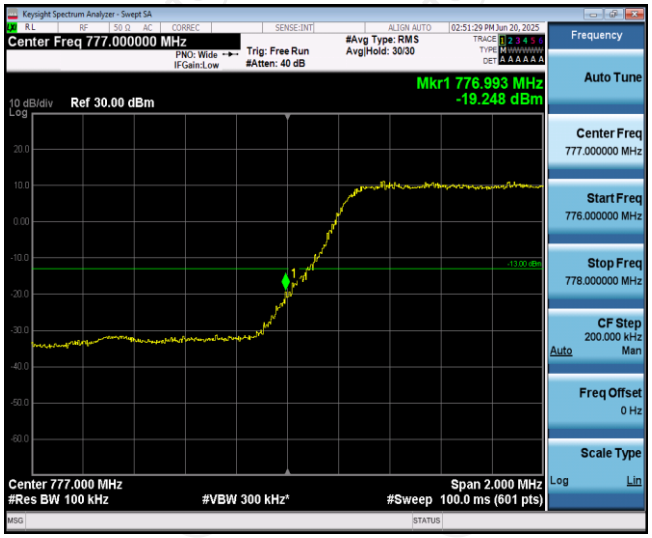
Appendix D: Band Edge

Test Result

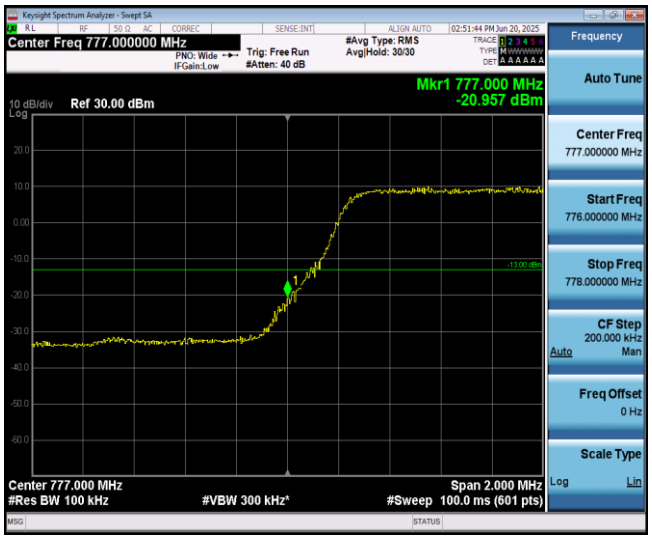
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-19.25	PASS
Band13	5MHz	QPSK	23255	25RB#0	-21.87	PASS
Band13	5MHz	16QAM	23205	25RB#0	-20.96	PASS
Band13	5MHz	16QAM	23255	25RB#0	-22.31	PASS
Band13	10MHz	QPSK	23230	50RB#0	-25.40,-26.35	PASS
Band13	10MHz	16QAM	23230	50RB#0	-25.20,-27.08	PASS

Test Graphs



Band13-5MHz-QPSK-23205-25RB#0

Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-25RB#0

Band13-5MHz-16QAM-23255-25RB#0

Band13-10MHz-QPSK-23230-50RB#0

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Band13-10MHz-16QAM-23230-50RB#0

Appendix E: Conducted Spurious Emission

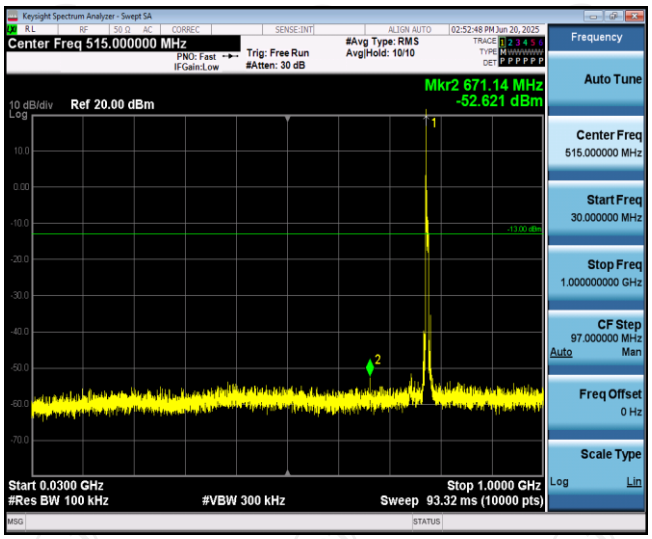
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-52.62	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-52.47	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-53.69	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-36.86	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-58.43	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-53.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-54.18	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-54.9	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-37.61	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-58.48	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-53.87	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-46.34	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-53.35	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-36.55	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-59	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-53.81	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-53.65	PASS

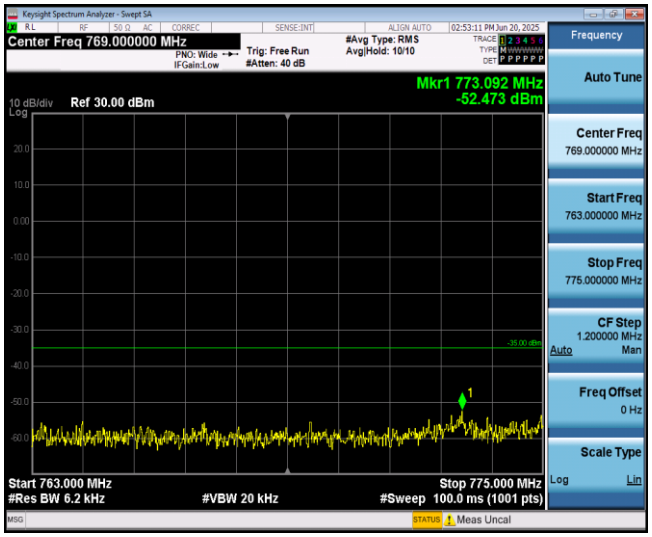
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-55.15	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-37.86	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-58.12	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-54.33	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-54.96	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-54.92	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-38.08	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-58.89	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-54.07	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-54.32	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-54.26	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-37.94	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-58.38	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-53.97	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-54.35	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-45.01	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-38.05	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-58.14	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-54.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-53.31	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-40.03	PASS
Band1	10MHz	16QAM	23230	1RB#0	Range2:1000~10000M	-37.3	PAS

3					Hz	4	S
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-58.26	PASS

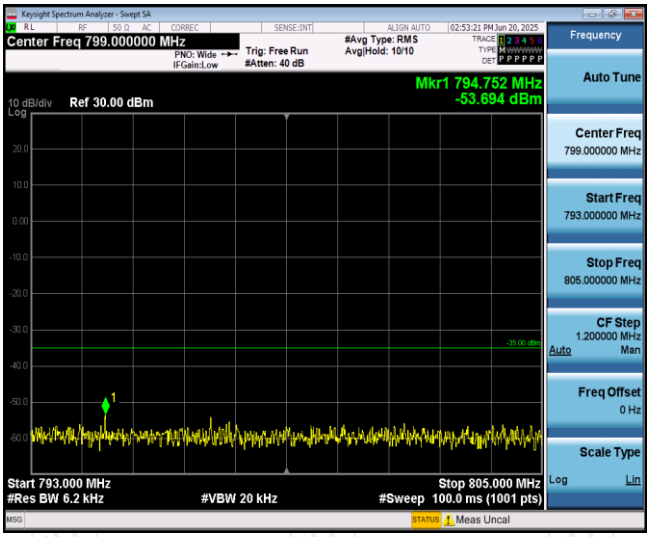
Test Graphs



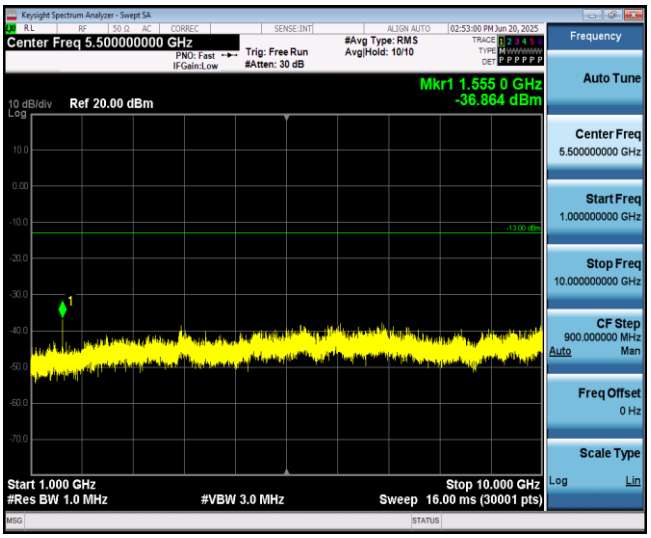
Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



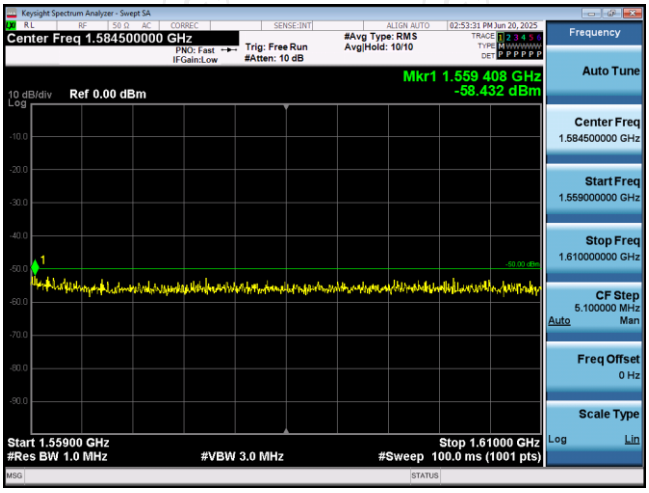
Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz

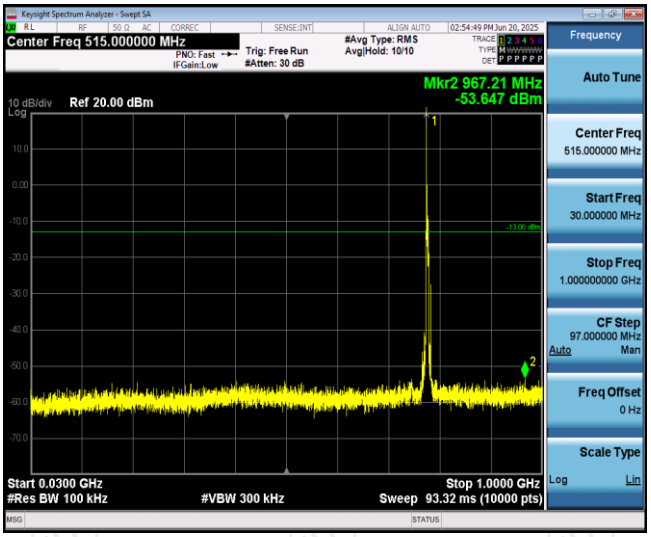


Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz

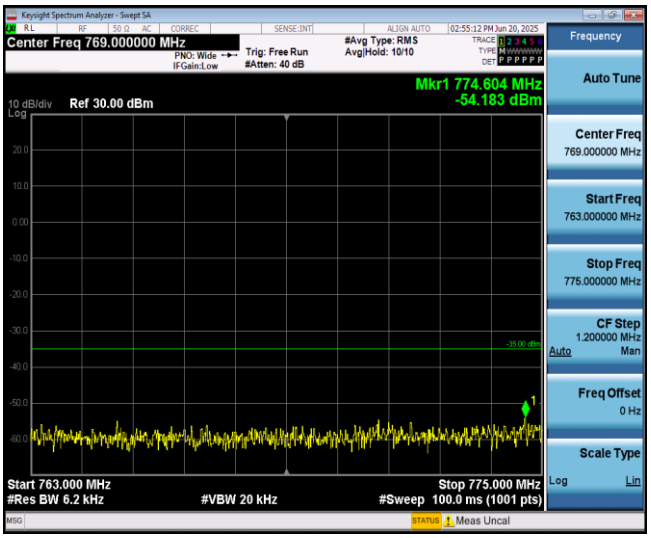


Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz

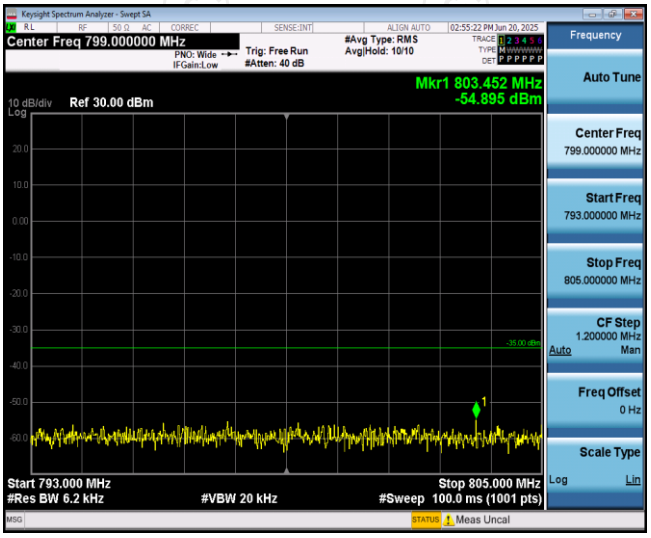
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz

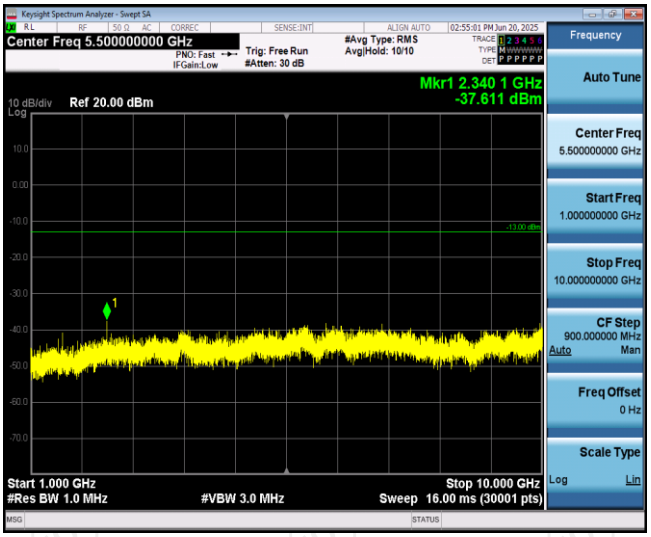


Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz

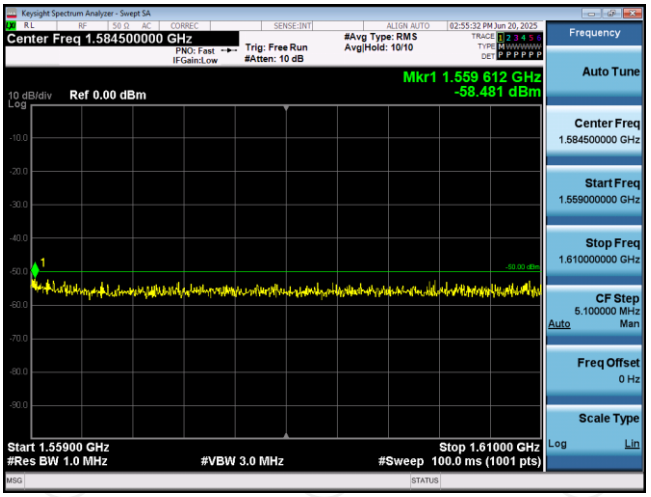


Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz

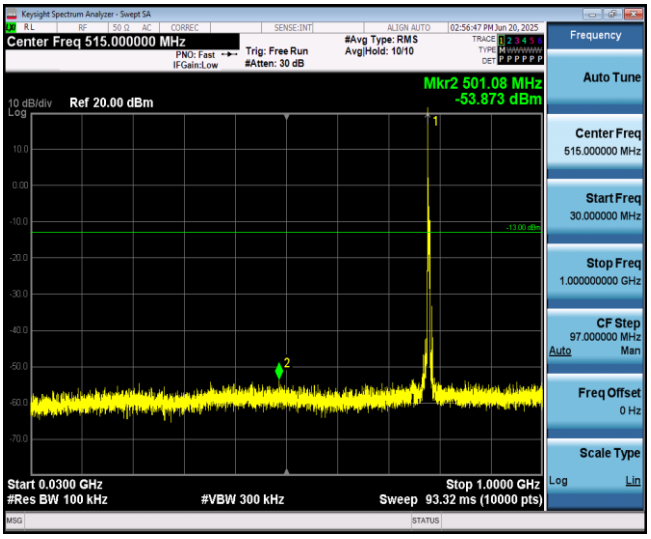
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz

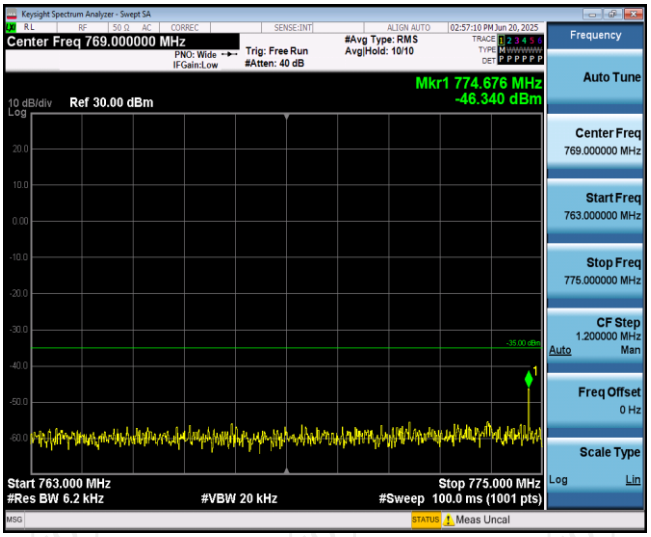


Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

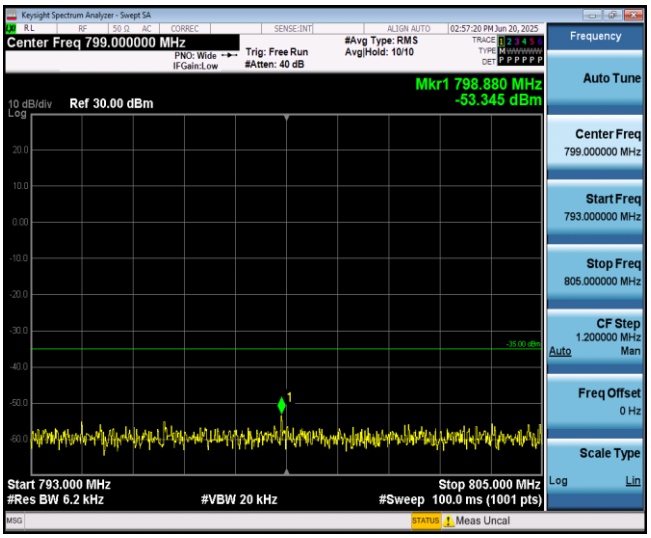


Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz

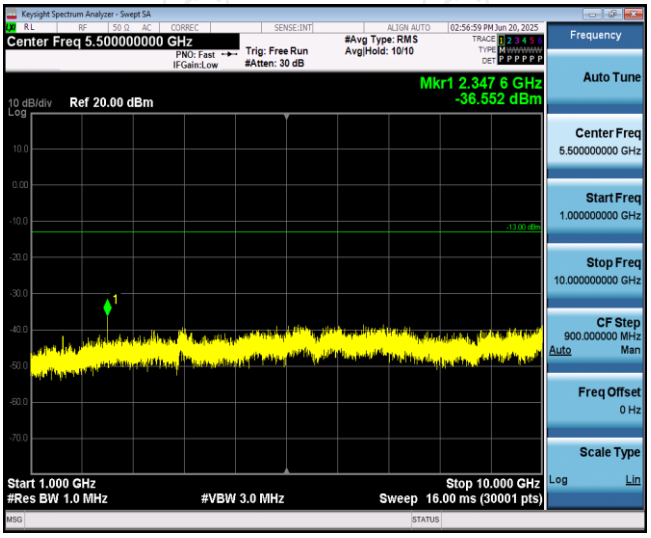
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz

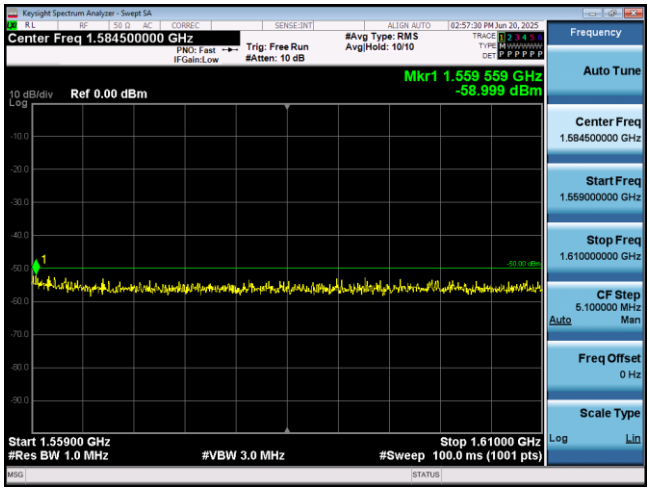


Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz

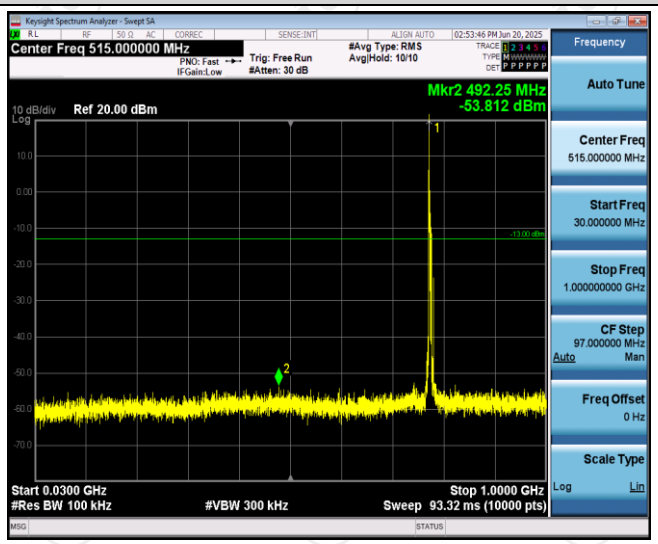


Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz

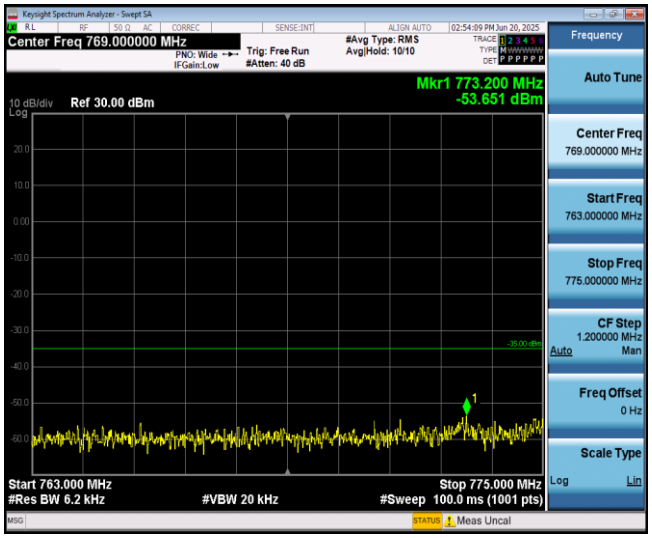
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz

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