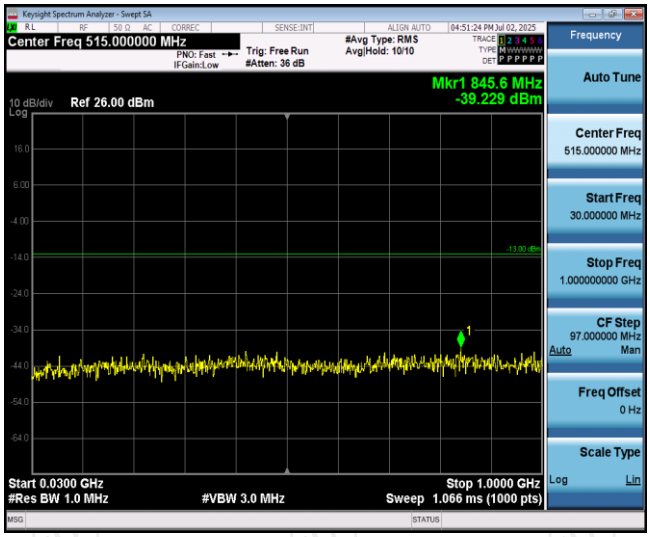
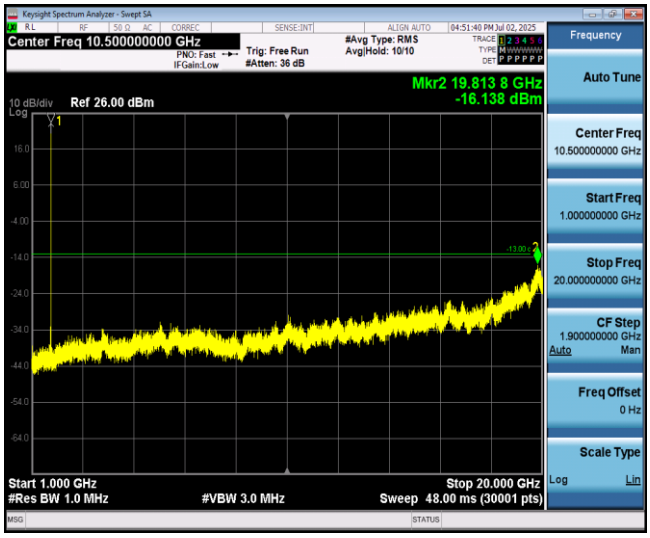
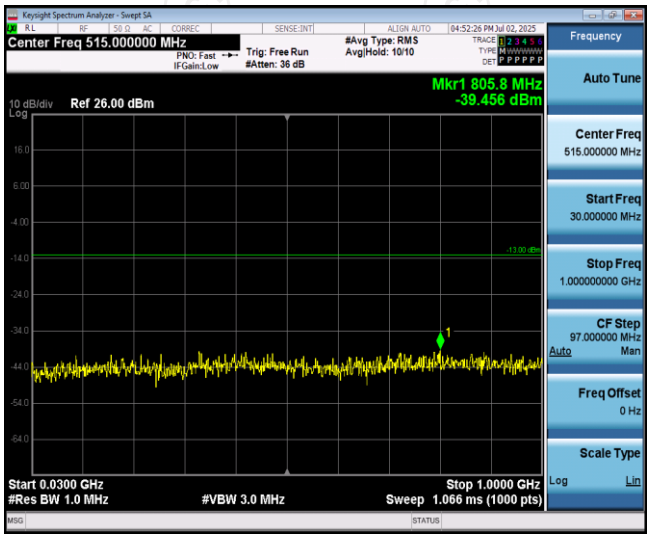


Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz

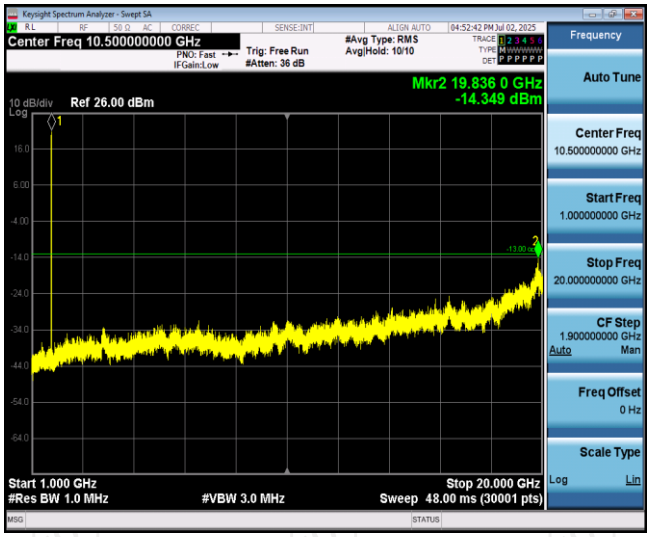


Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

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



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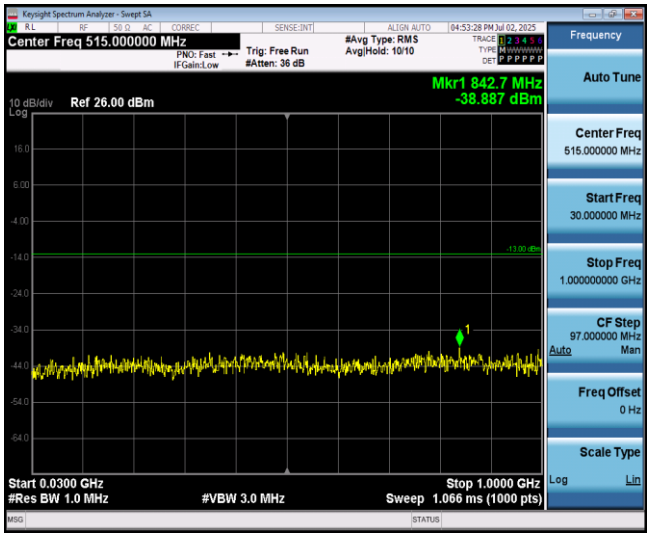

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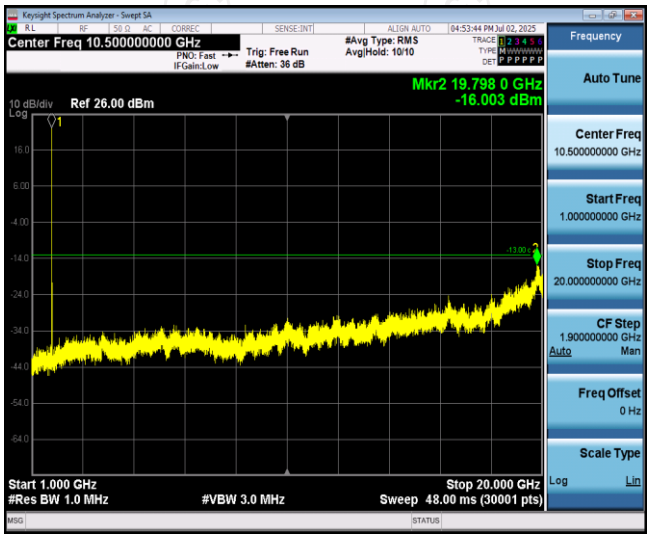

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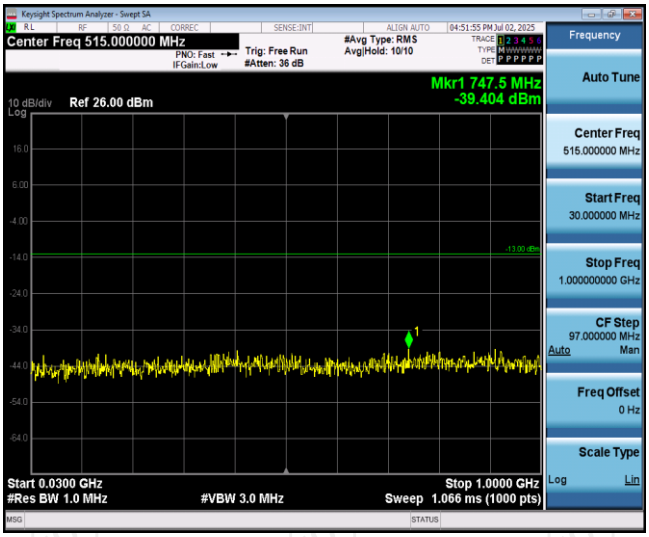
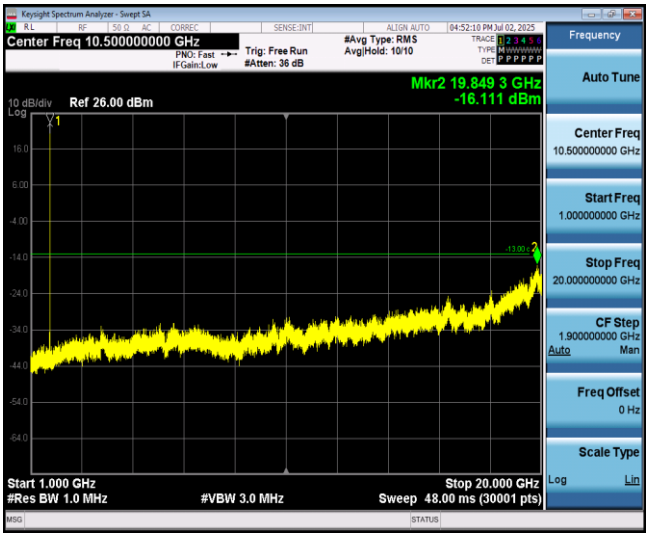


Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



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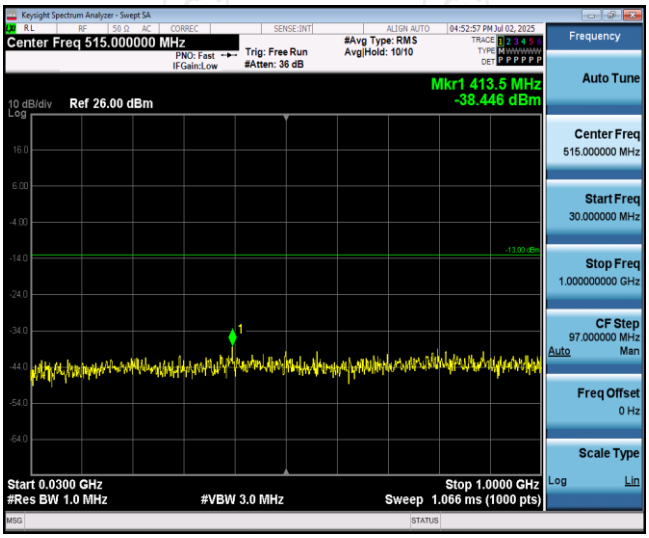
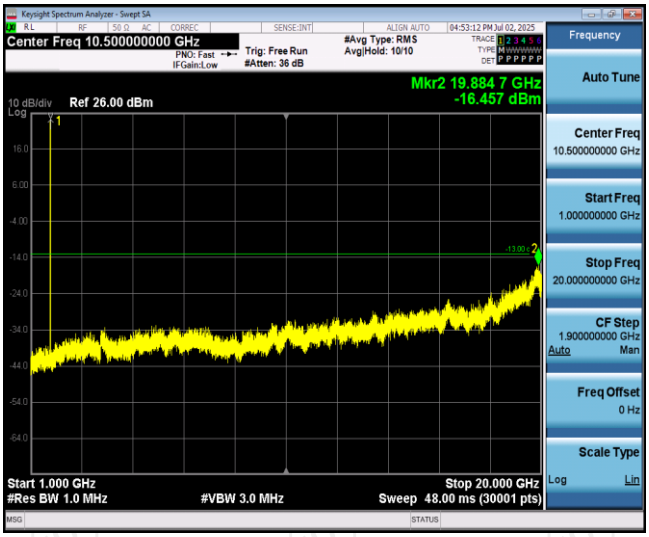


Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

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



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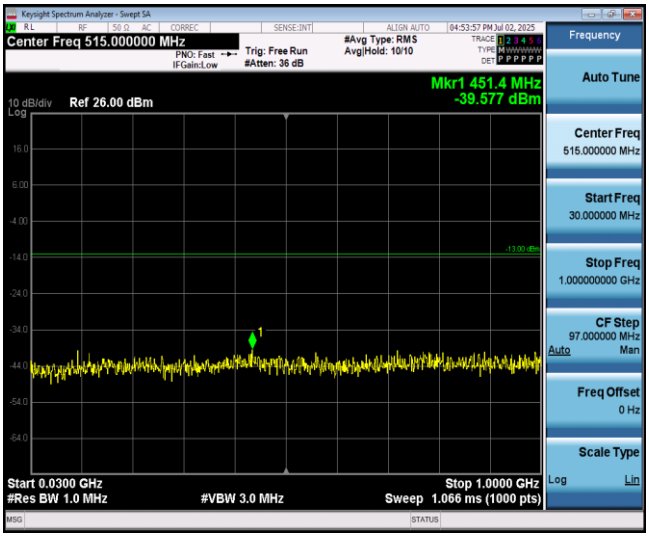

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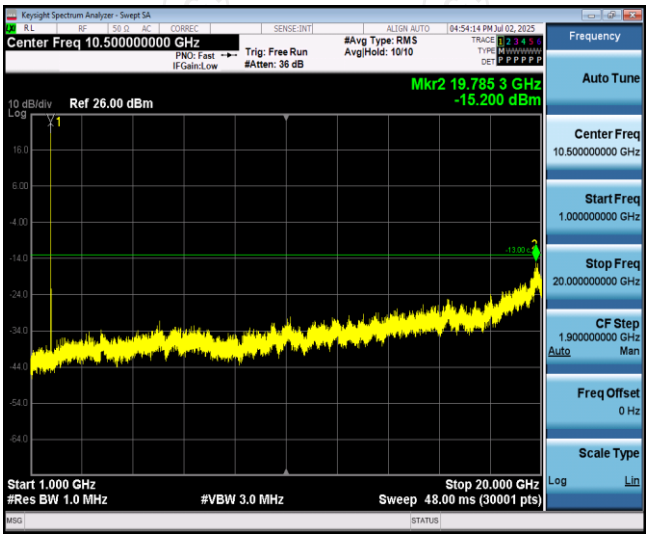

Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~20000MHz

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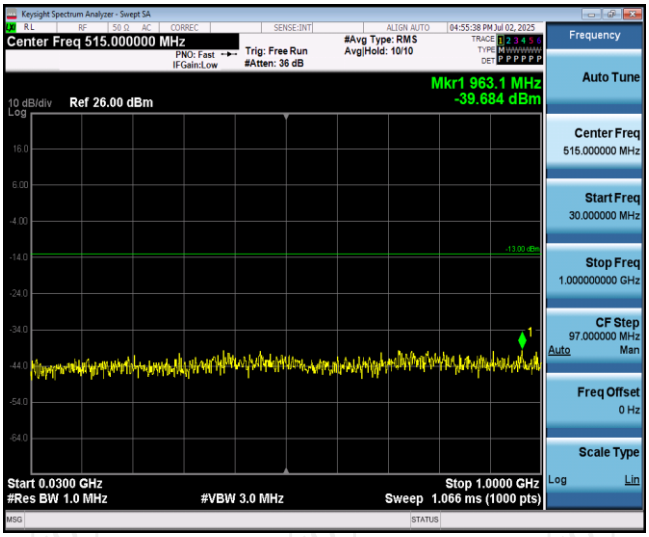

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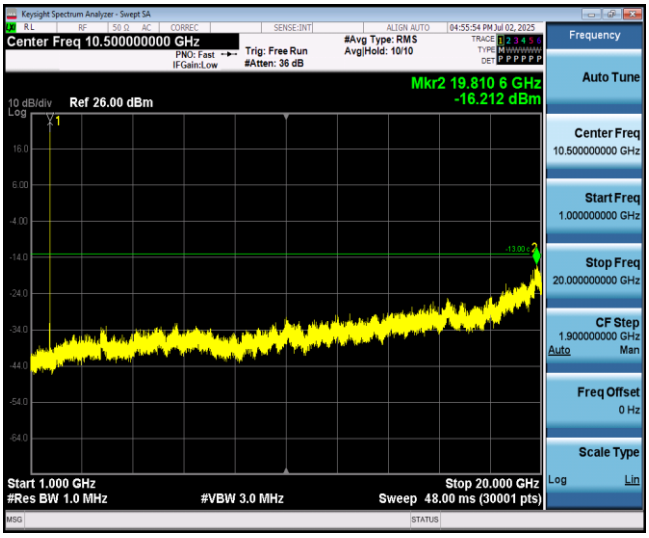

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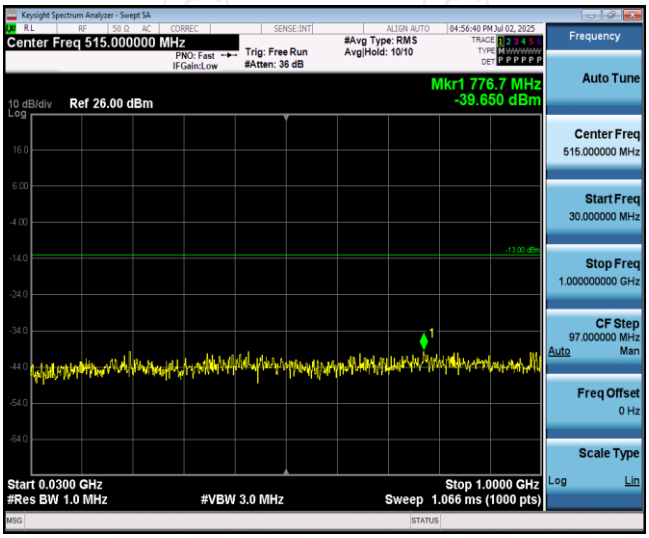

Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

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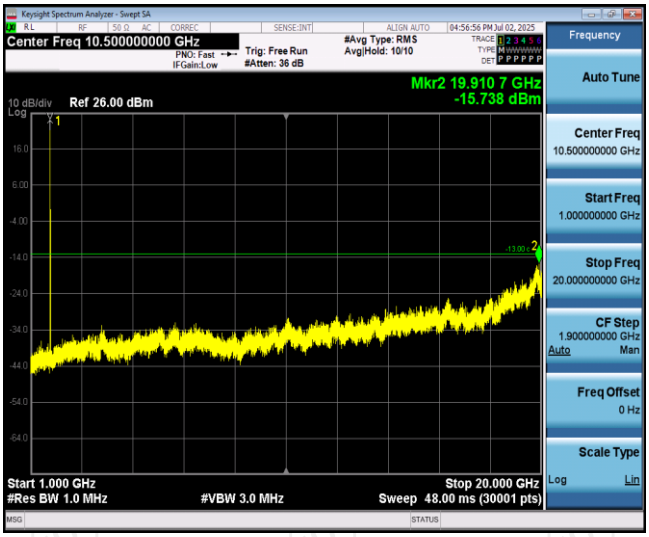
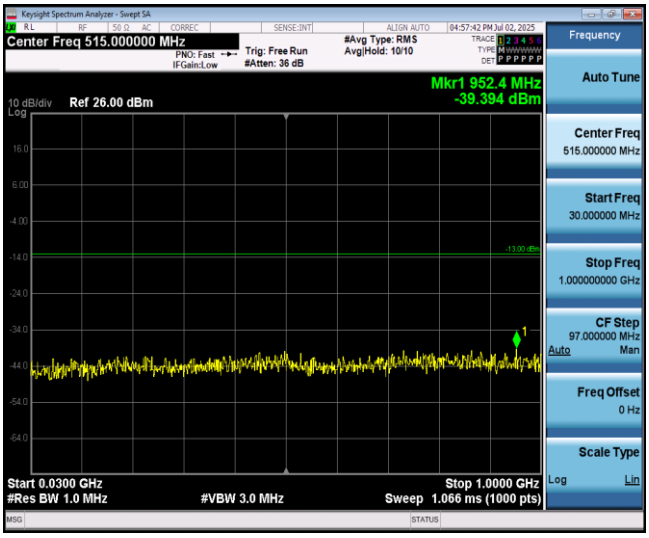


Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



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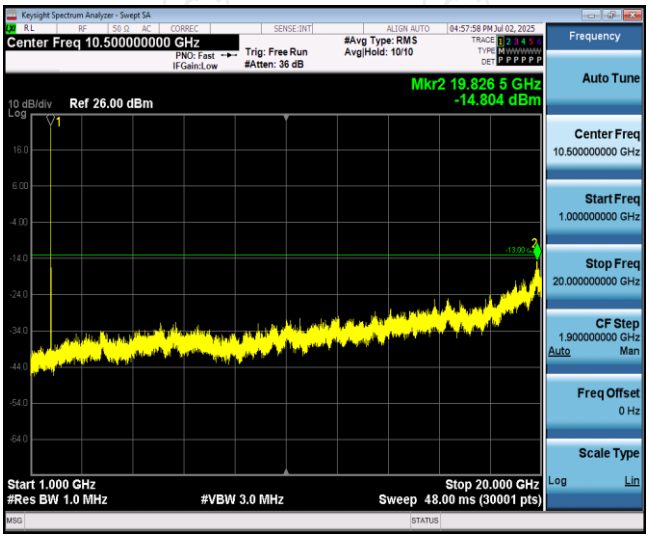
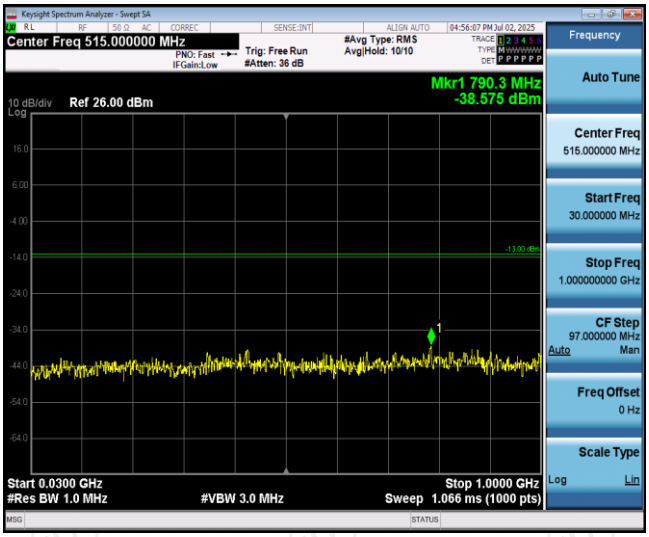
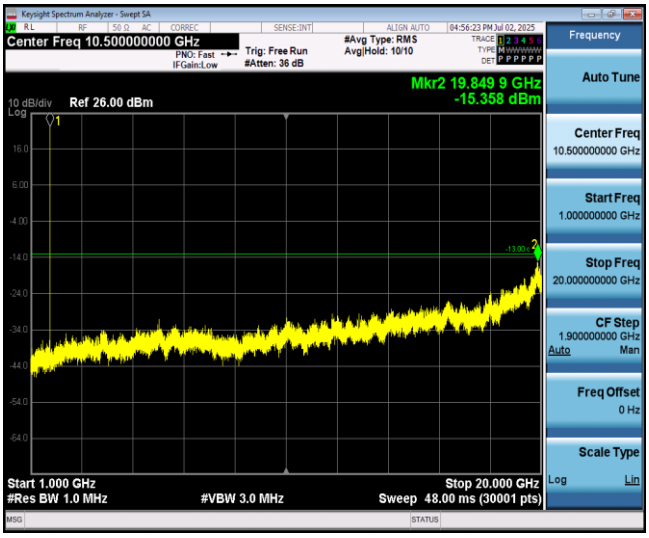


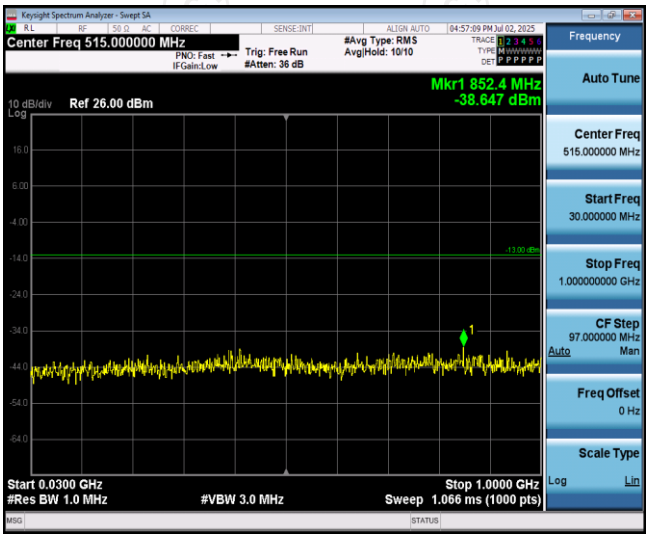
Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~20000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

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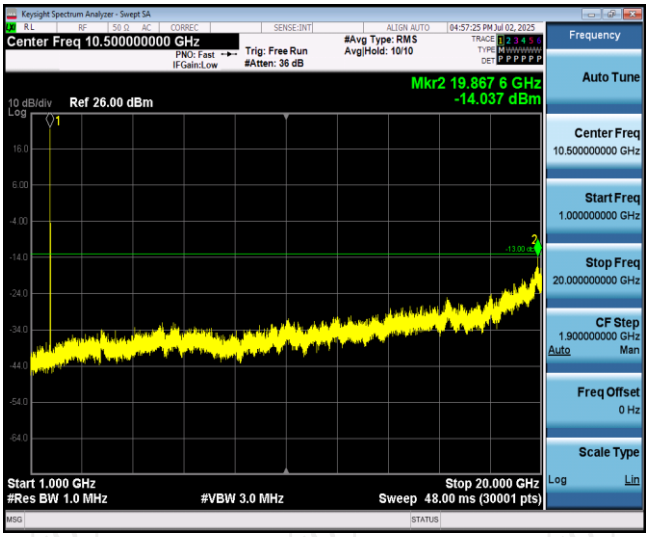
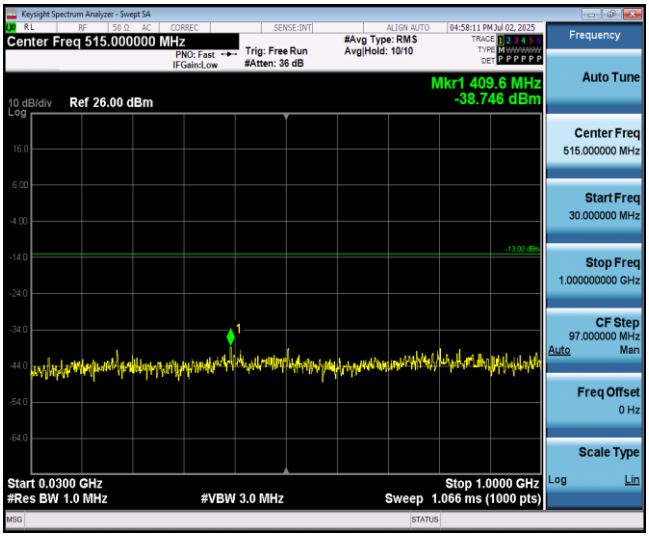
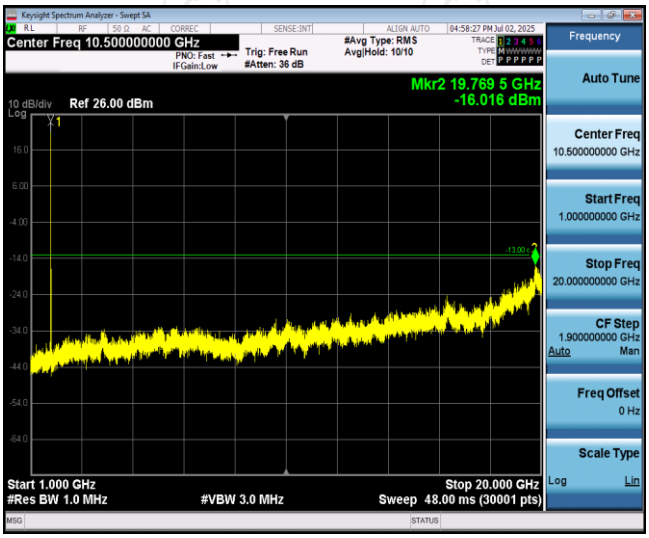


Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~20000MHz

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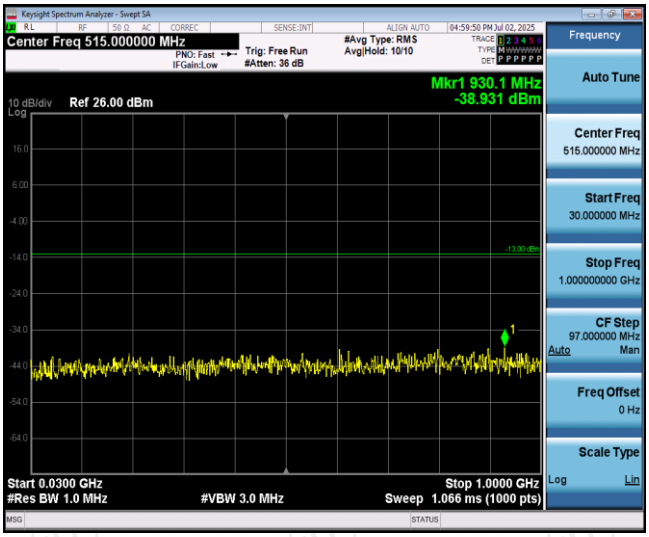

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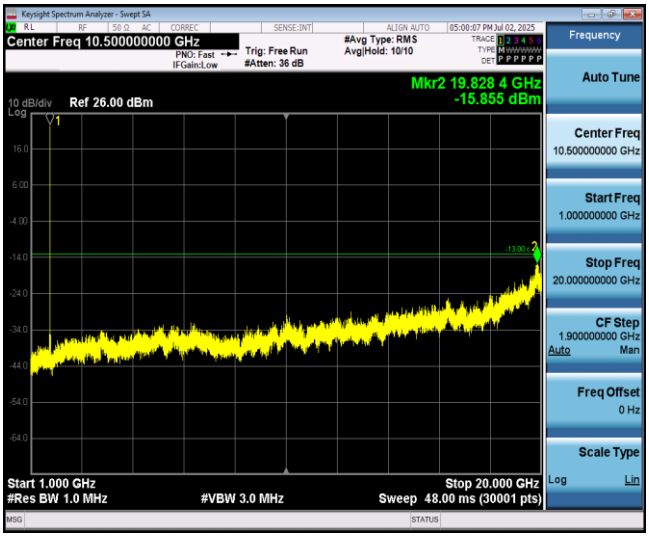
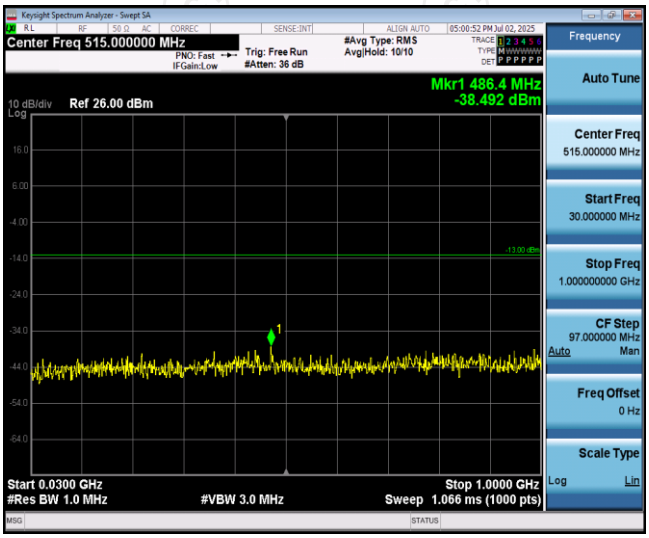
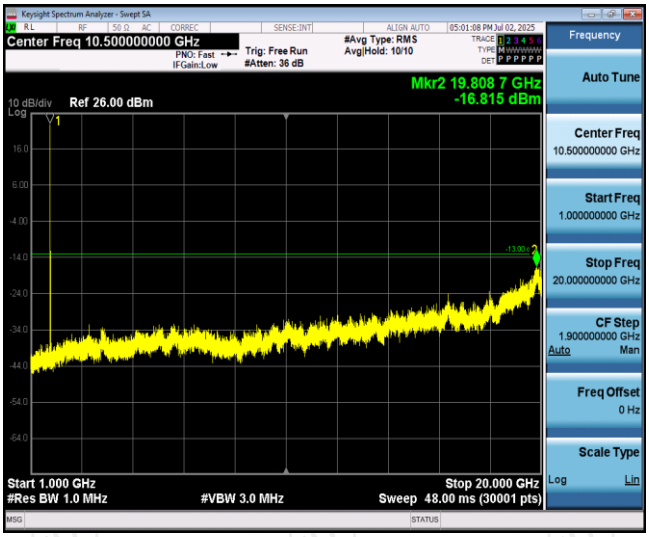


Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz

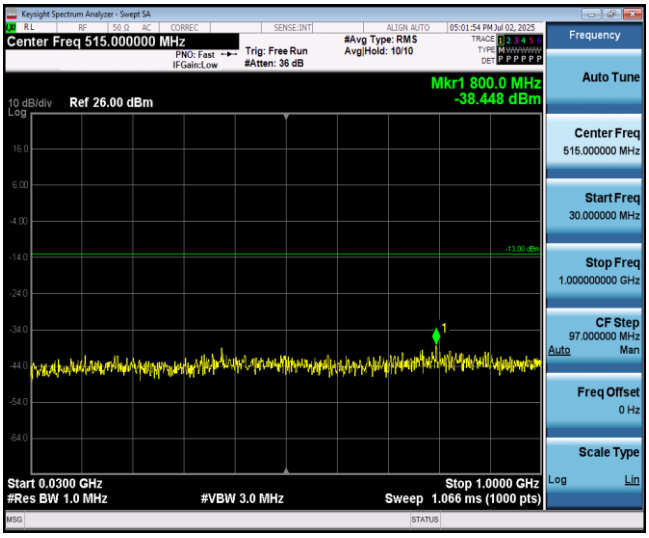


Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

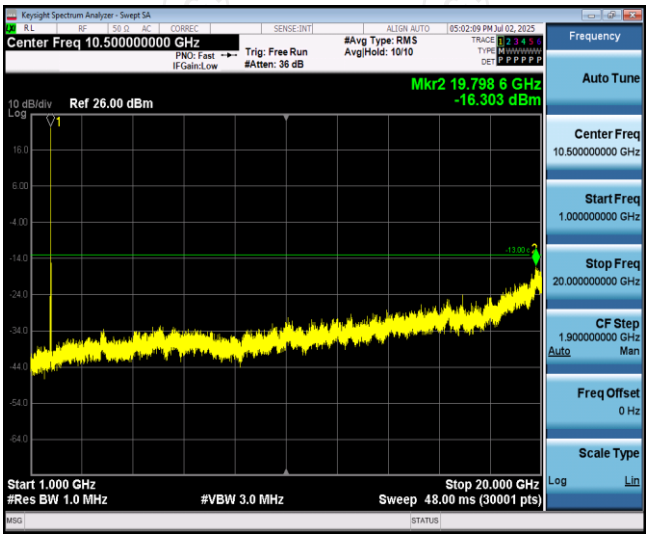
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



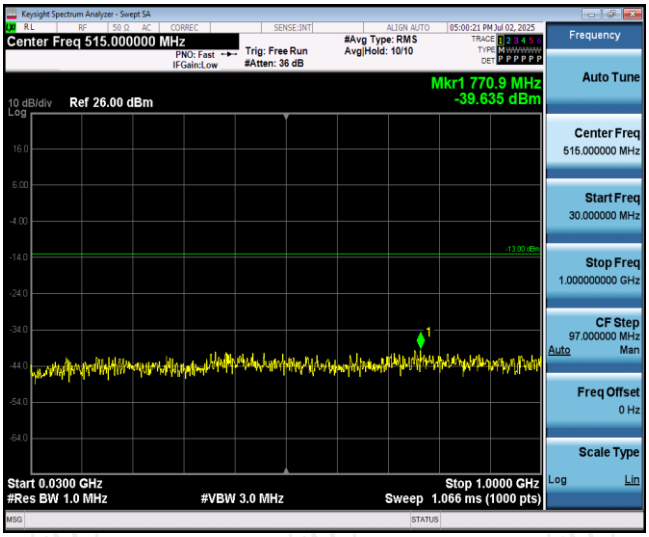
Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



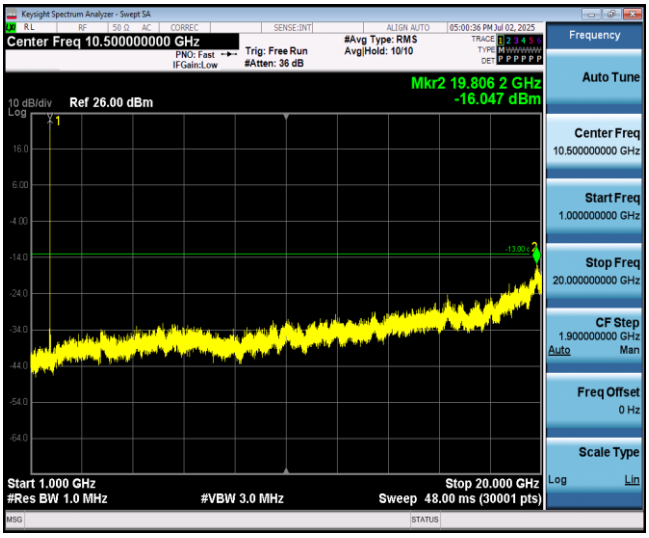
Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



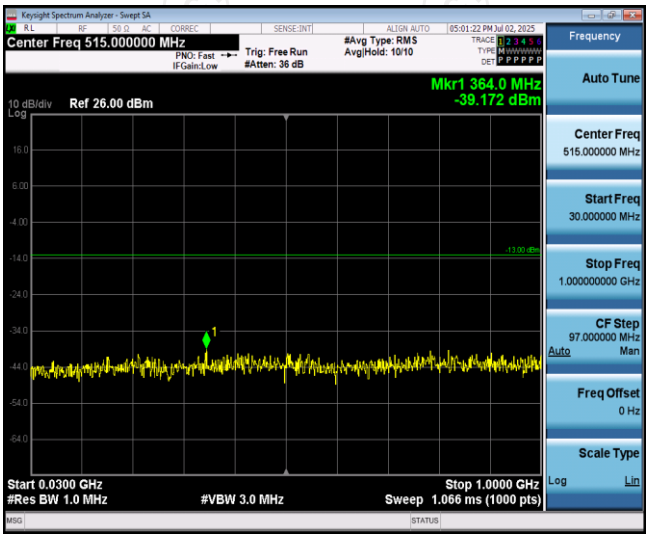
Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

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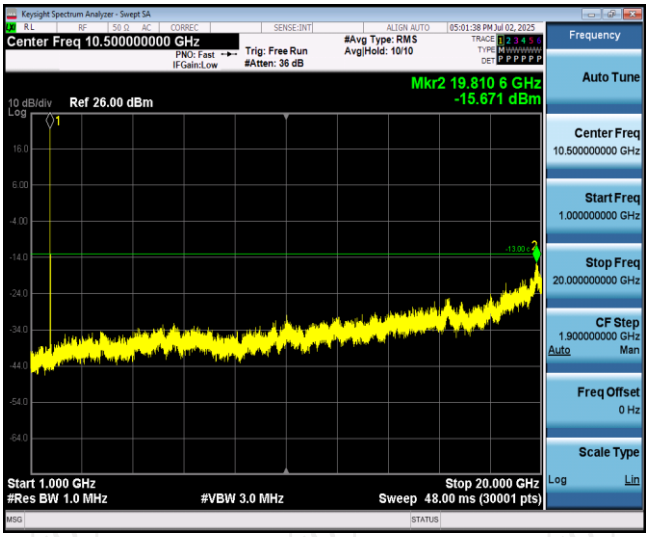
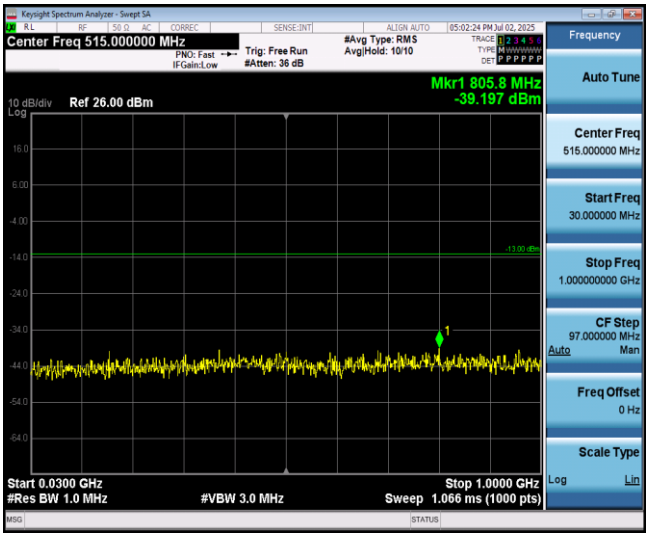
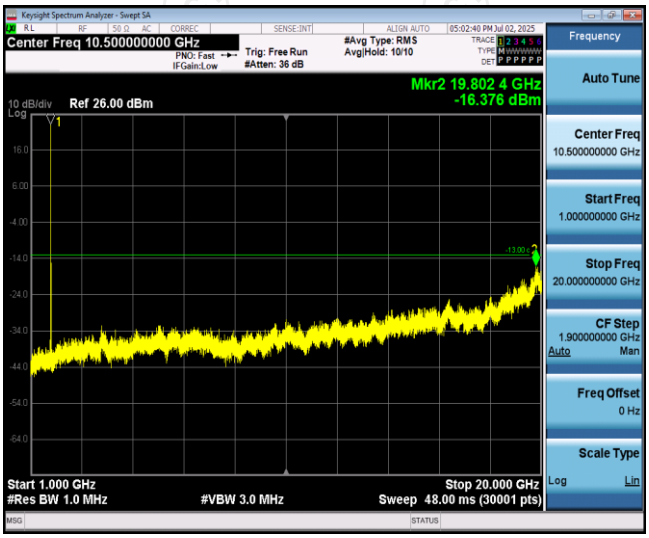


Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~20000MHz

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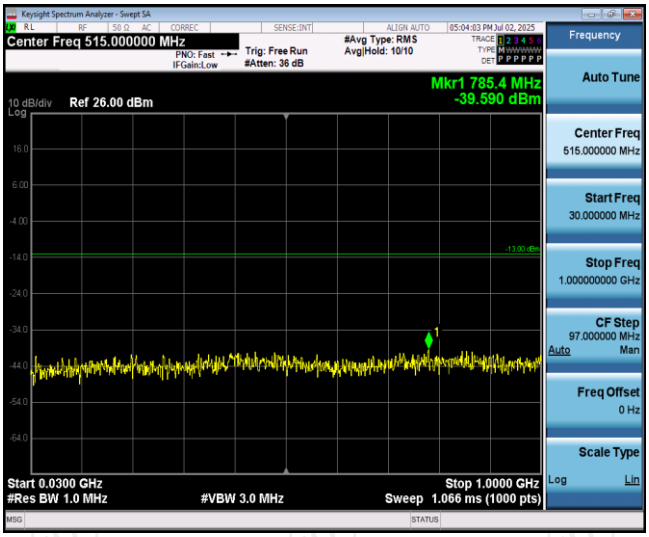
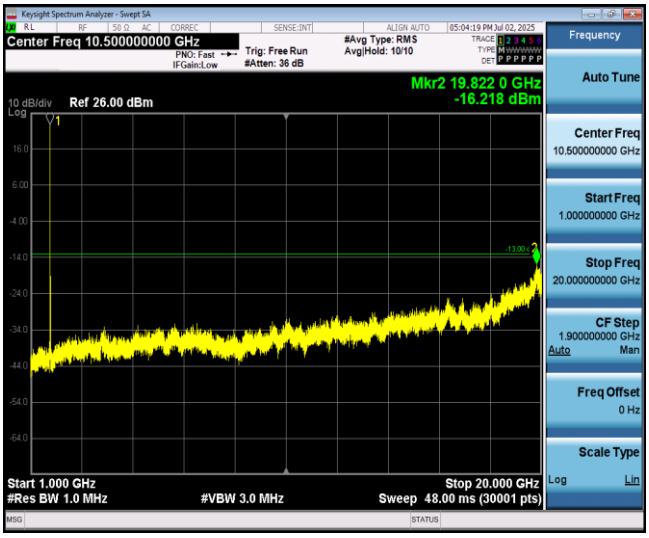
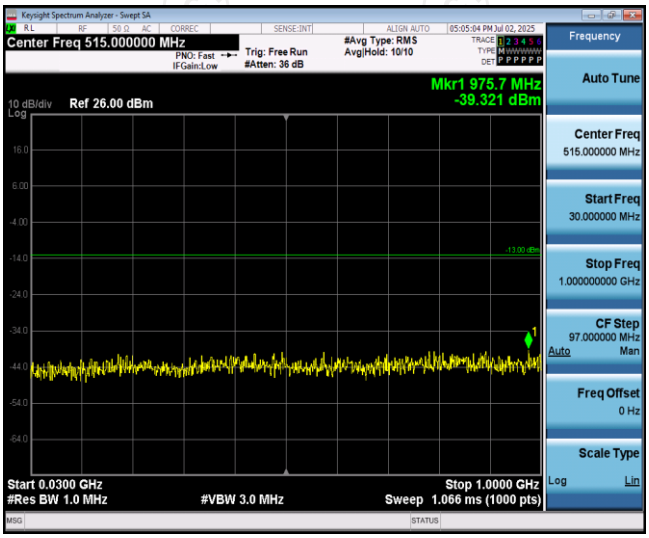


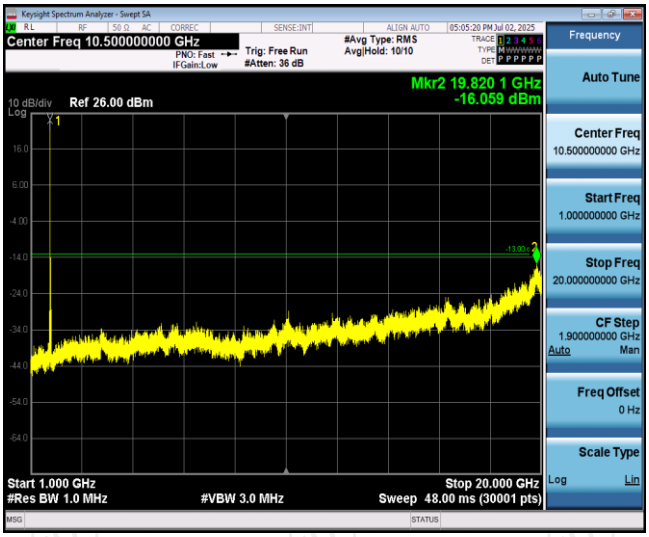
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



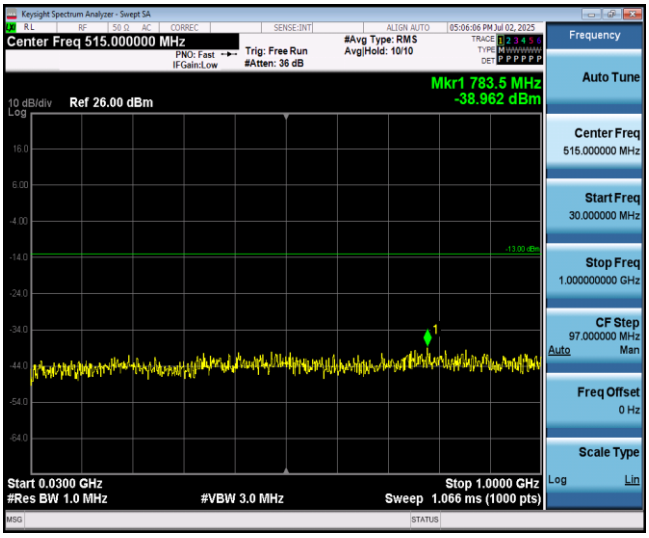
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



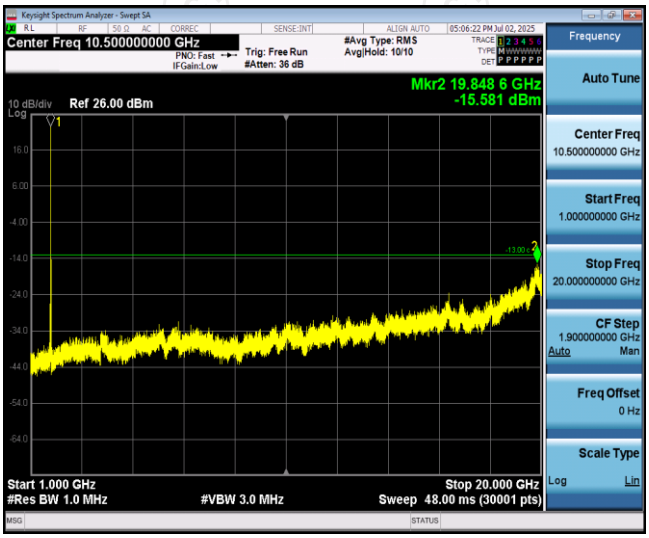
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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

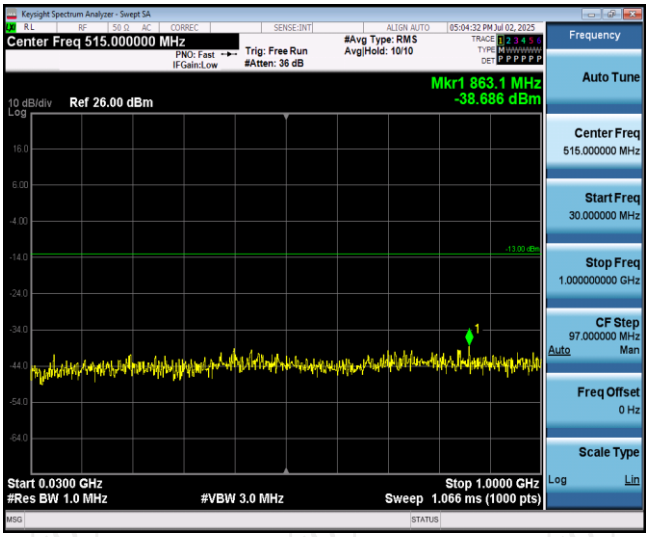


Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz

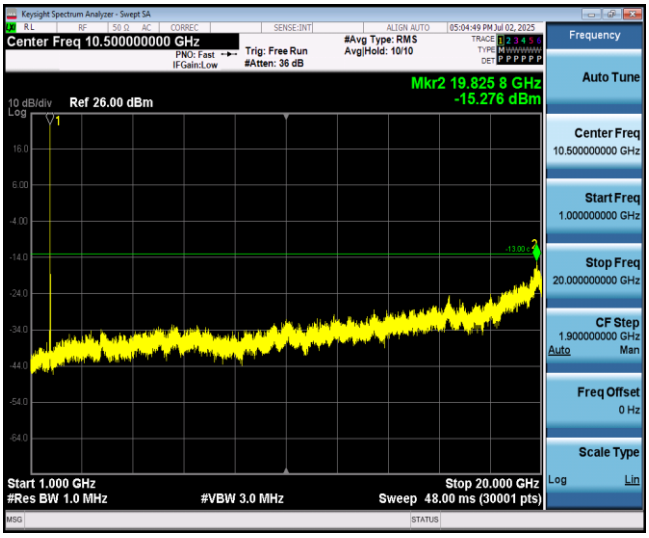


Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz

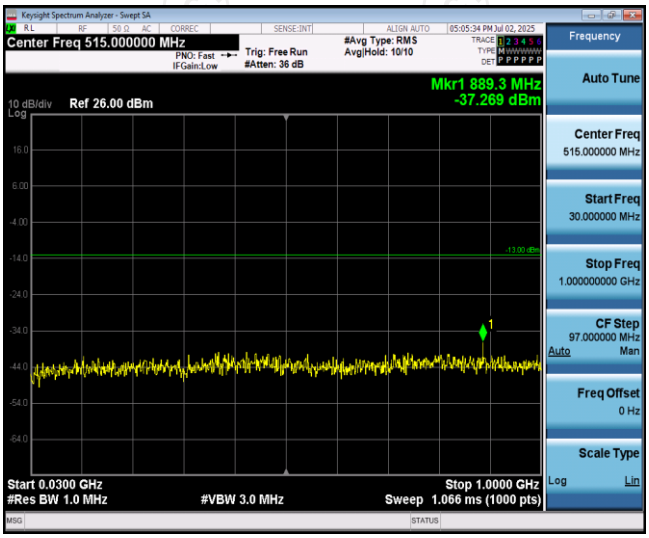
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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

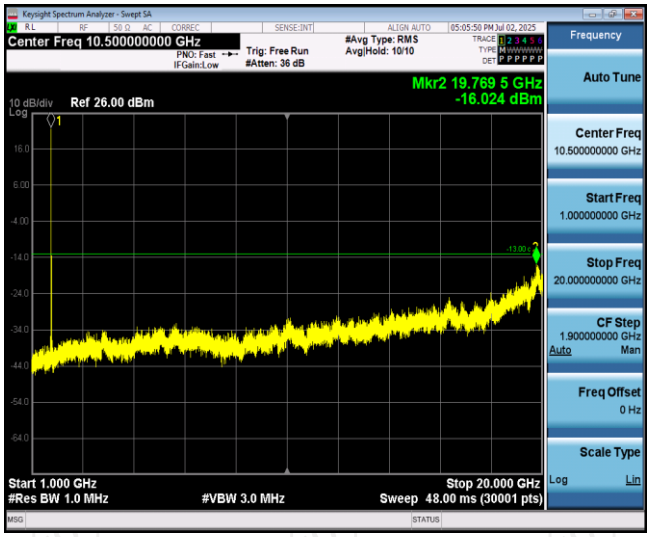


Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz

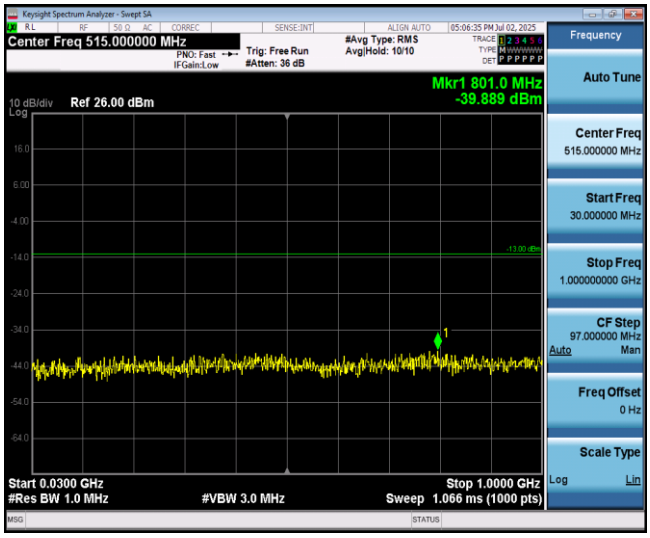


Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

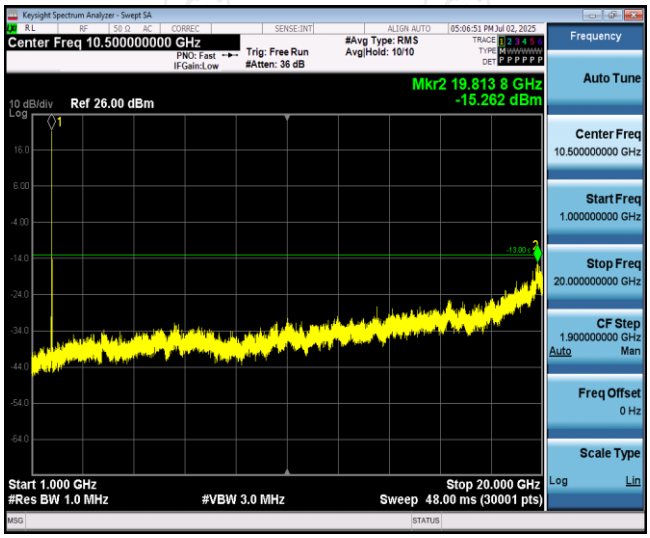
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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

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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	4.72	0.002759	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	4.85	0.002835	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	7.73	0.004519	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-2.34	-0.001351	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-3.07	-0.001772	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	3.89	0.002245	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-4.66	-0.002656	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-6.69	-0.003813	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-4.10	-0.002337	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	3.95	0.002309	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	4.82	0.002818	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	4.06	0.002373	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-4.41	-0.002545	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	2.34	0.001351	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-2.02	-0.001166	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-4.53	-0.002582	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-3.89	-0.002217	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-5.47	-0.003118	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	3.91	0.002286	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	5.18	0.003028	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	7.23	0.004226	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	5.00	0.002923	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	5.20	0.003040	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-3.54	-0.002043	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-3.76	-0.002170	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	4.57	0.002638	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	3.16	0.001824	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	3.12	0.001801	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-6.47	-0.003688	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-6.09	-0.003471	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-6.07	-0.003460	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-4.75	-0.002708	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-8.11	-0.004623	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	3.27	0.001911	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	3.66	0.002139	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	5.24	0.003063	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	5.26	0.003075	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	4.17	0.002438	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-1.81	-0.001045	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-3.18	-0.001835	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-2.92	-0.001685	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	3.19	0.001841	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-2.71	-0.001564	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.57	-0.003175	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-5.18	-0.002953	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-6.29	-0.003585	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-4.62	-0.002634	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-4.74	-0.002702	±2.5	PASS