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

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

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

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

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

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

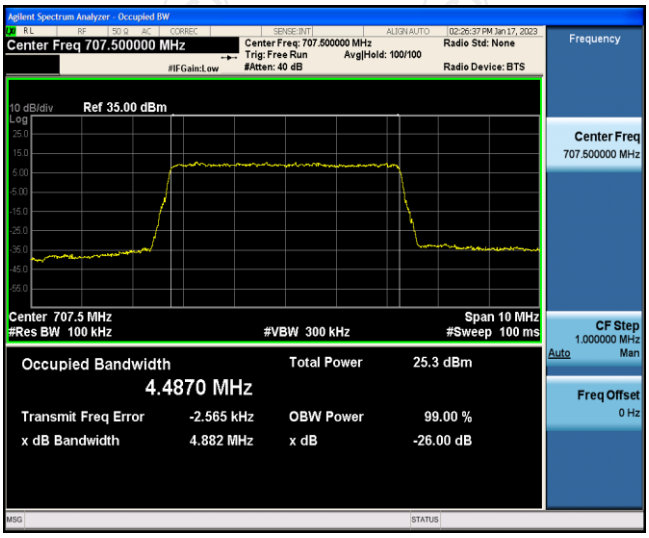
Band12-3MHz-16QAM-23025-15RB#0

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

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

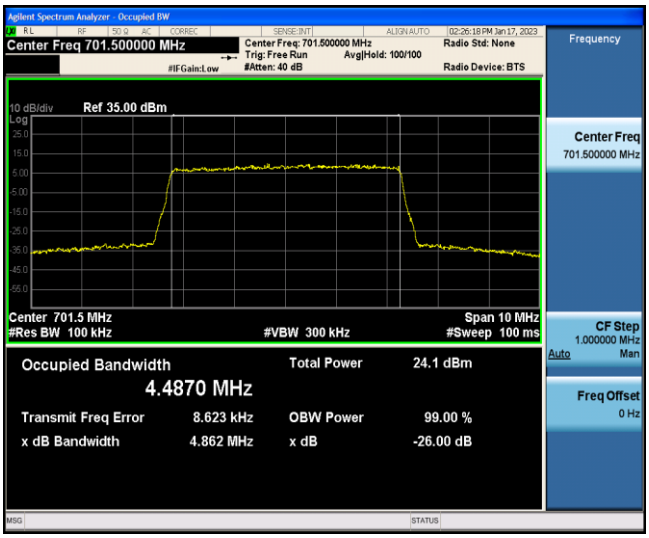
Band12-5MHz-QPSK-23035-25RB#0

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



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

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



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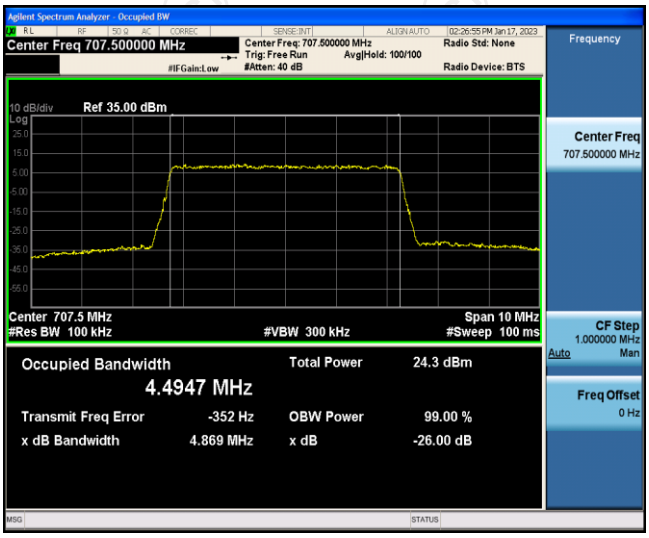
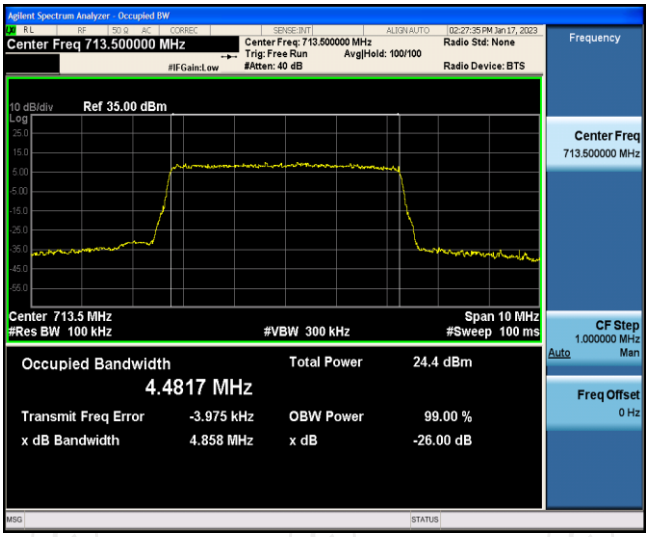
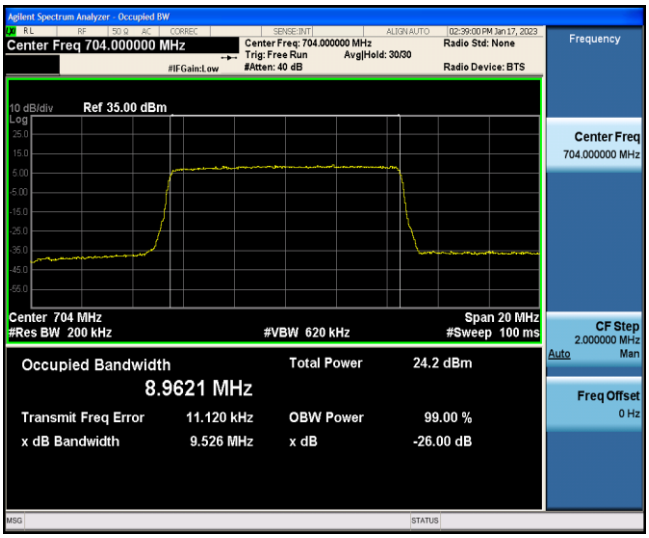


Band12-5MHz-16QAM-23155-25RB#0



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

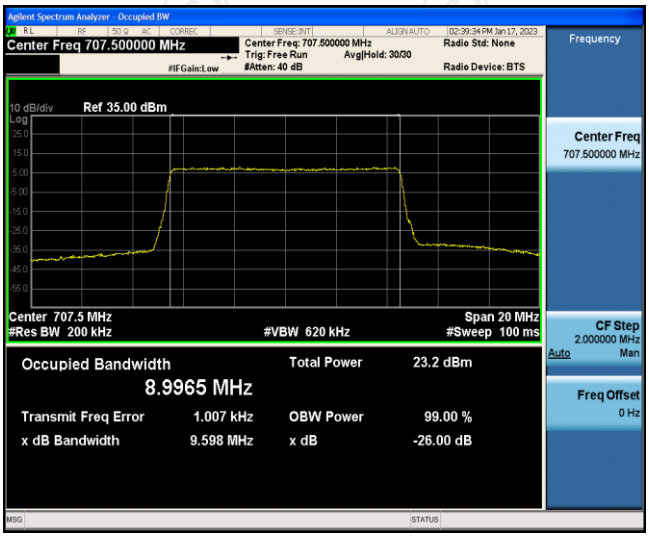


Band12-10MHz-QPSK-23095-50RB#0

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

Agilent Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 35.00 dBm
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9575 MHz
Total Power 23.8 dBm
Transmit Freq Error -416 Hz
OBW Power 99.00 %
x dB Bandwidth 9.548 MHz
x dB -26.00 dB
Center Freq
711.000000 MHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz

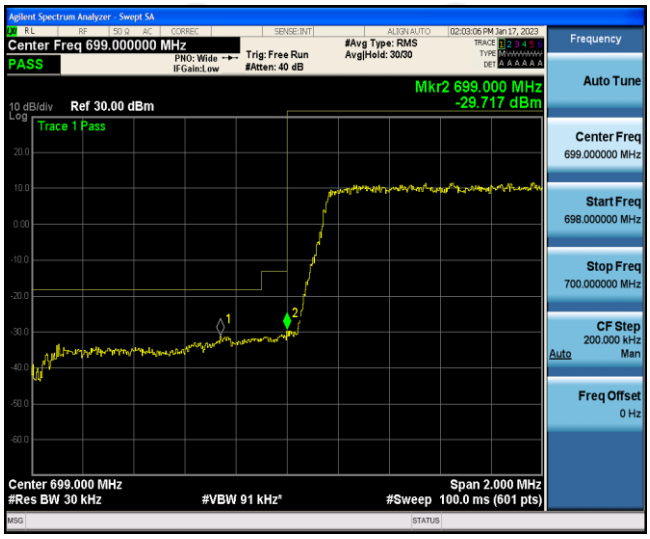
Appendix D: Band Edge

Test Result

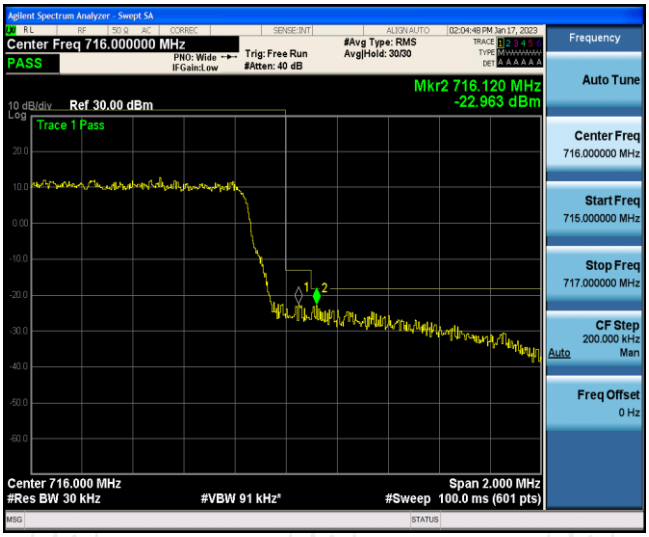
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-31.35,-29.72	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-22.80,-22.96	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.51,-27.89	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-21.34,-22.03	PASS
Band12	3MHz	QPSK	23025	15RB#0	-32.65,-17.81	PASS
Band12	3MHz	QPSK	23165	15RB#0	-19.40,-29.62	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.32,-19.06	PASS
Band12	3MHz	16QAM	23165	15RB#0	-19.64,-31.60	PASS
Band12	5MHz	QPSK	23035	25RB#0	-21.76	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	-23.32	PASS
Band12	5MHz	16QAM	23155	25RB#0	-24.72	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.84,-27.73	PASS
Band12	10MHz	QPSK	23130	50RB#0	-26.98,-31.92	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.85,-27.31	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.41,-31.63	PASS

Test Graphs

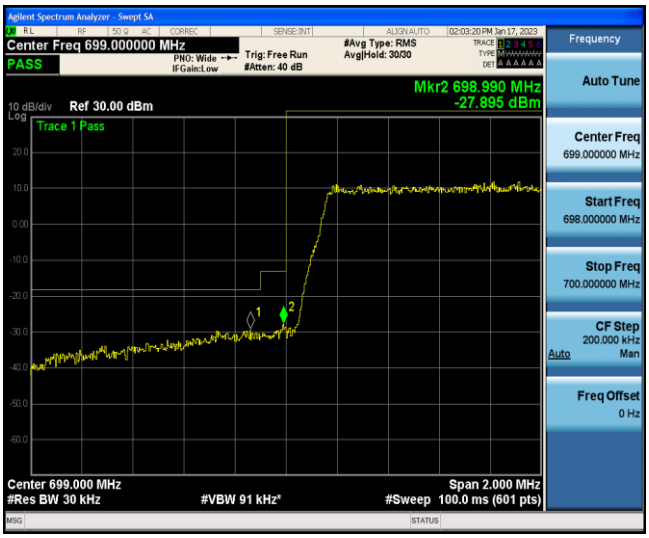
Band12-1.4MHz-QPSK-23017-6RB#0



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



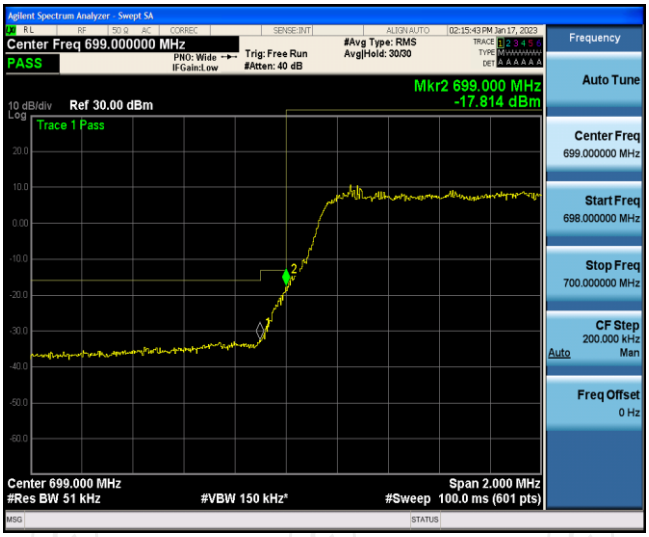
Band12-1.4MHz-16QAM-23017-6RB#0



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

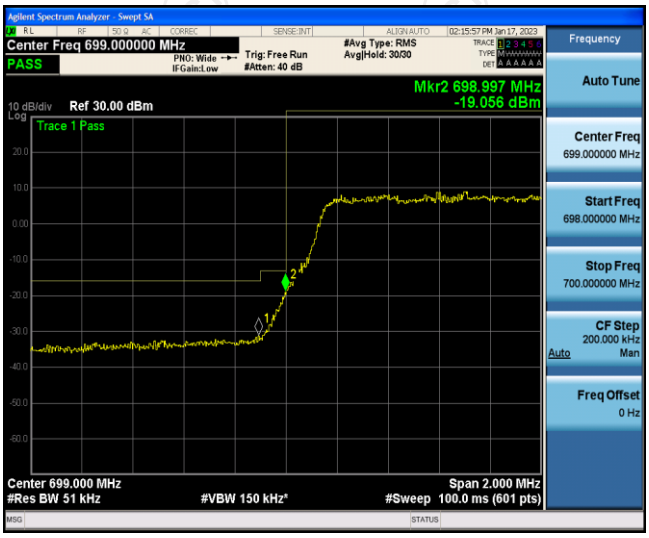
Band12-3MHz-QPSK-23025-15RB#0

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



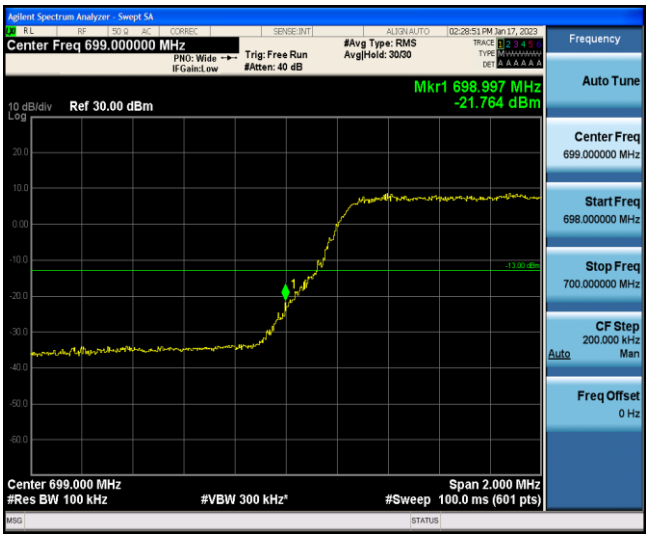
Band12-3MHz-QPSK-23165-15RB#0

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

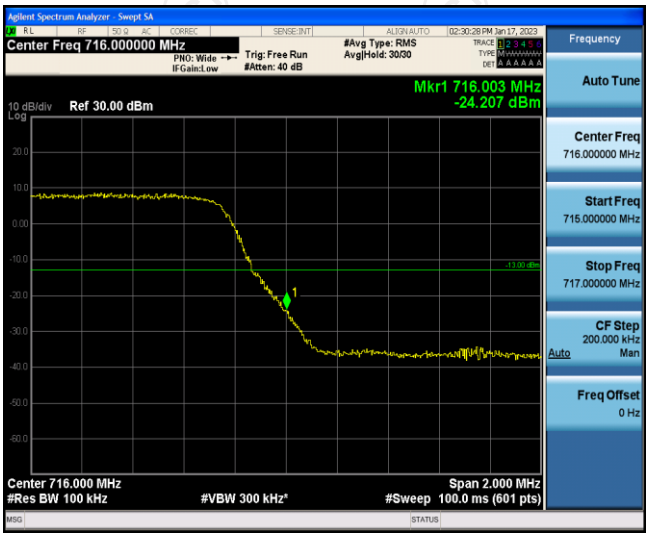


Band12-3MHz-16QAM-23165-15RB#0

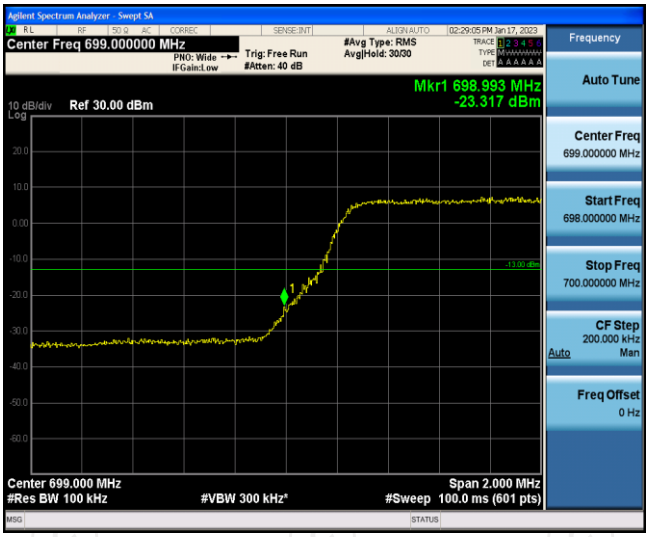
Band12-5MHz-QPSK-23035-25RB#0



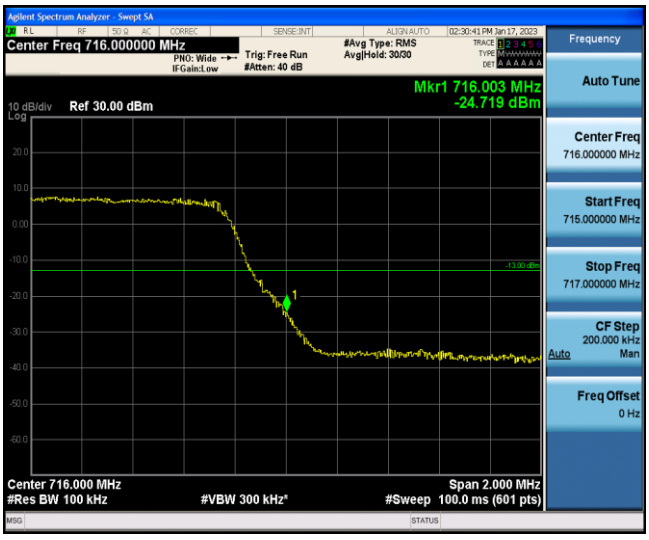
Band12-5MHz-QPSK-23155-25RB#0



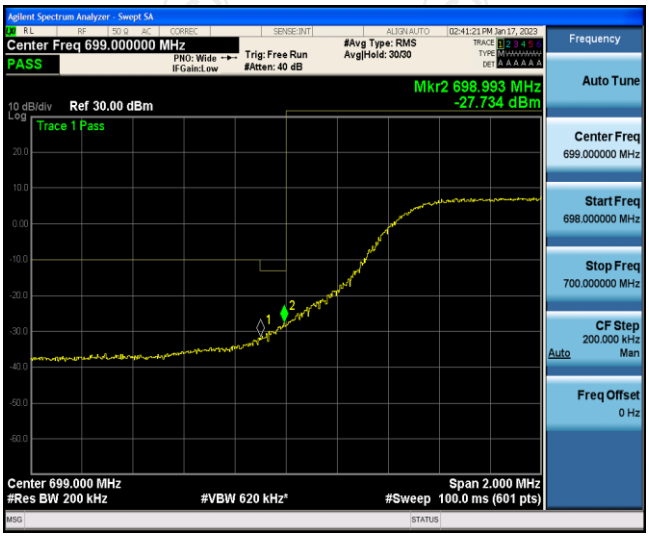
Band12-5MHz-16QAM-23035-25RB#0



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

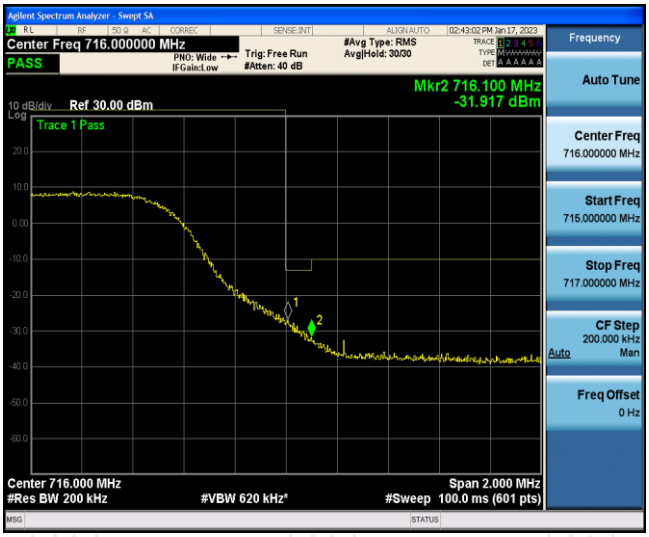


Band12-10MHz-QPSK-23060-50RB#0

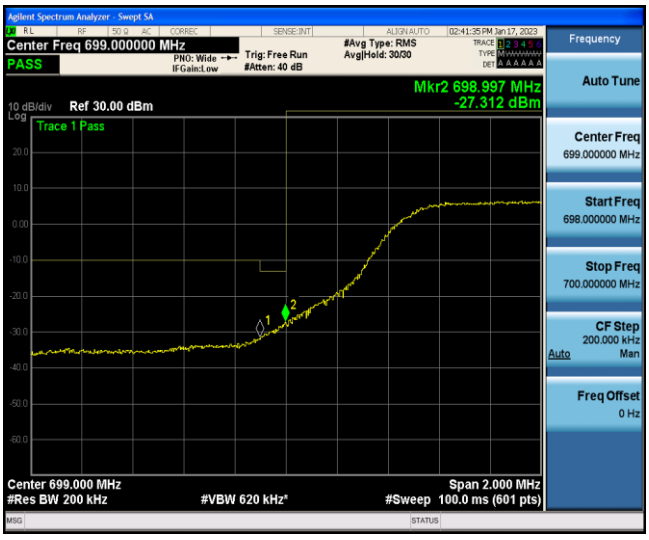


Band12-10MHz-QPSK-23130-50RB#0

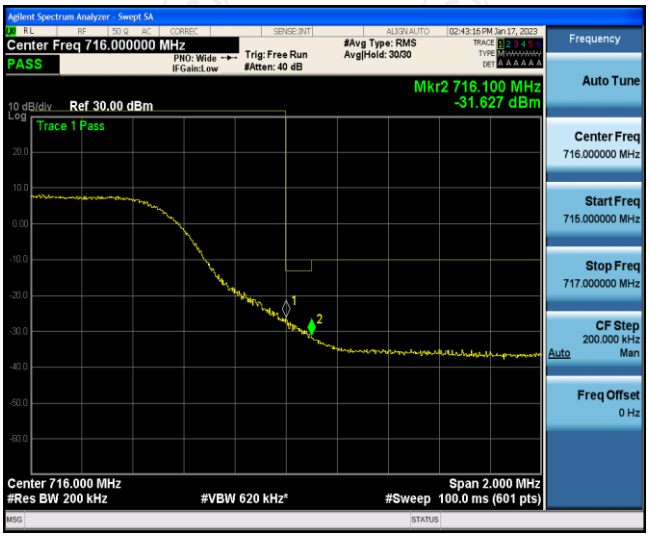
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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



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



Appendix E: Conducted Spurious Emission

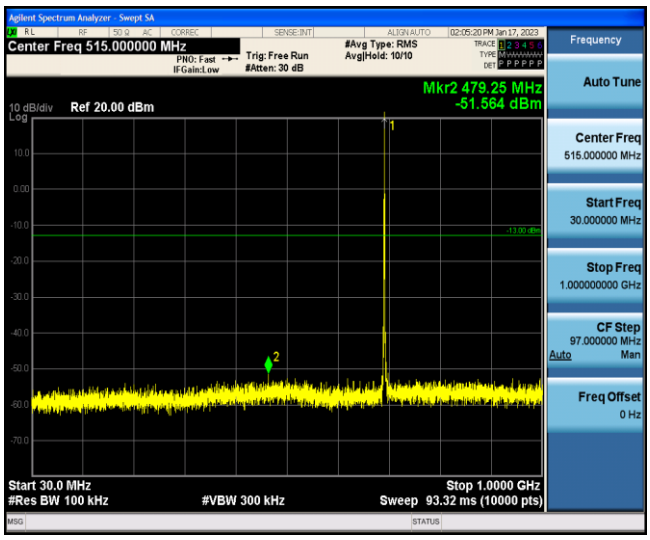
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-51.56	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-35.4	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-52.06	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-51.88	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-35.54	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-51.66	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-35.73	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.92	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.25	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-52.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.6	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-50.92	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-35.95	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.88	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.63	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-51.7	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-33.89	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-51.73	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-34.81	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-52.54	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.89	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-51.65	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-35.62	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-51.46	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-35.71	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.74	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.23	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-51.39	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-35.38	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-52.12	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-34.72	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-51.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.7	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-52.34	PASS

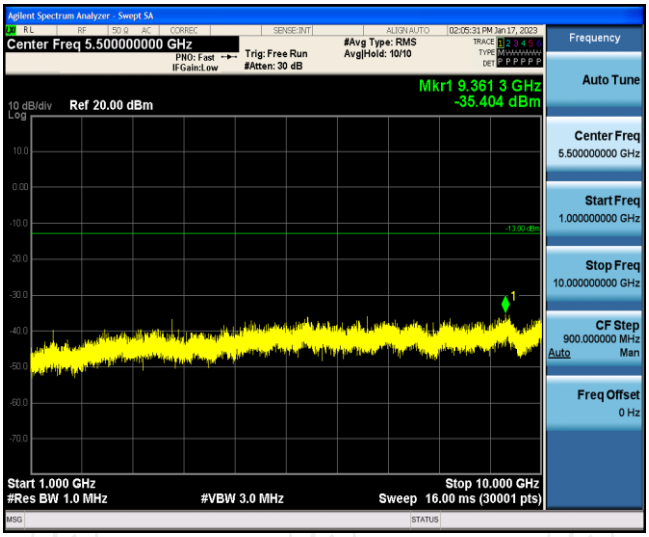
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-35.23	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-51.89	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-35.34	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.43	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.29	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-52.27	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.69	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-51.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-34.92	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-52.24	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.67	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-52.22	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-35.07	PASS

Test Graphs

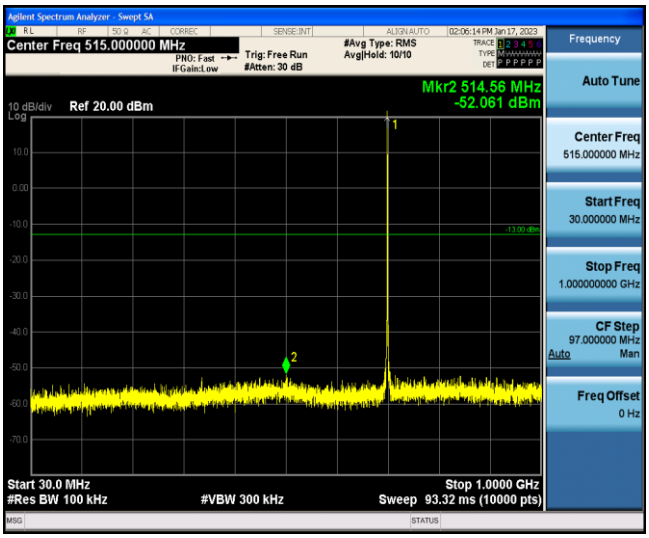
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



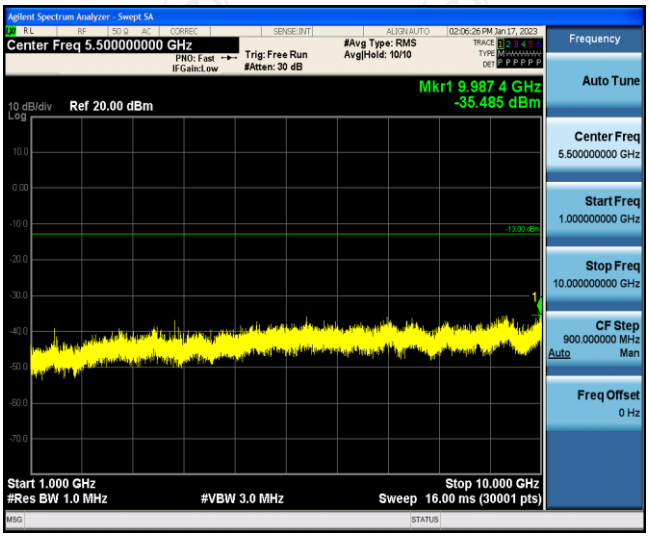
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



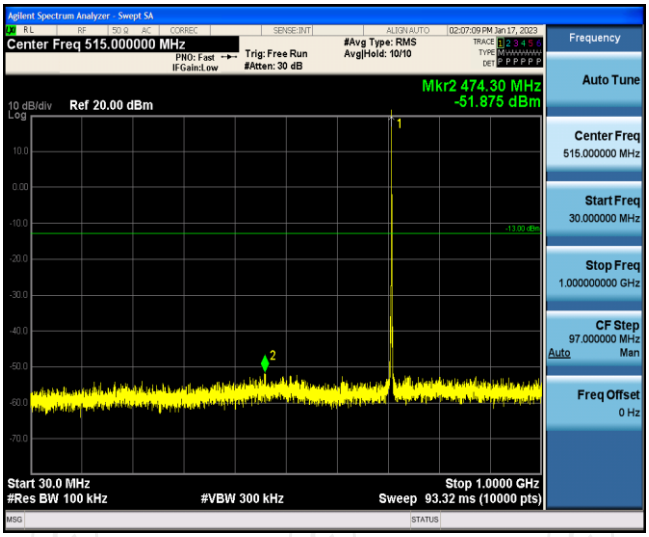
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



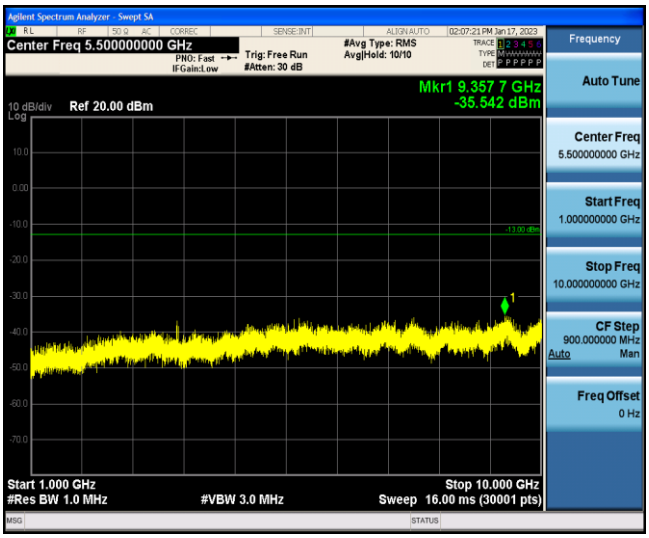
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



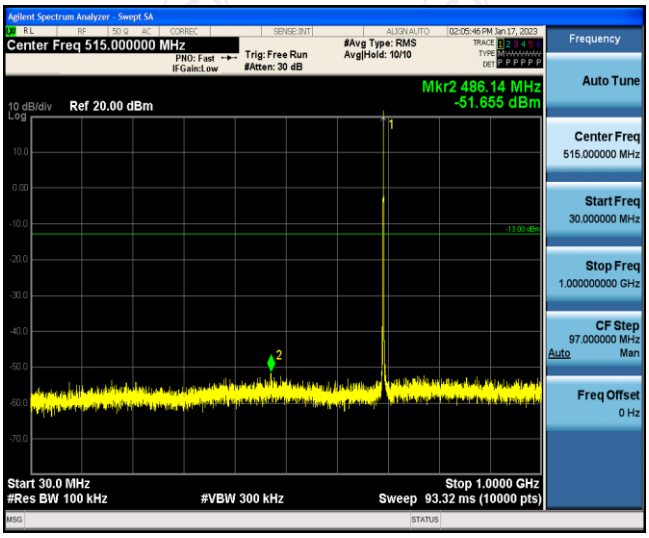
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



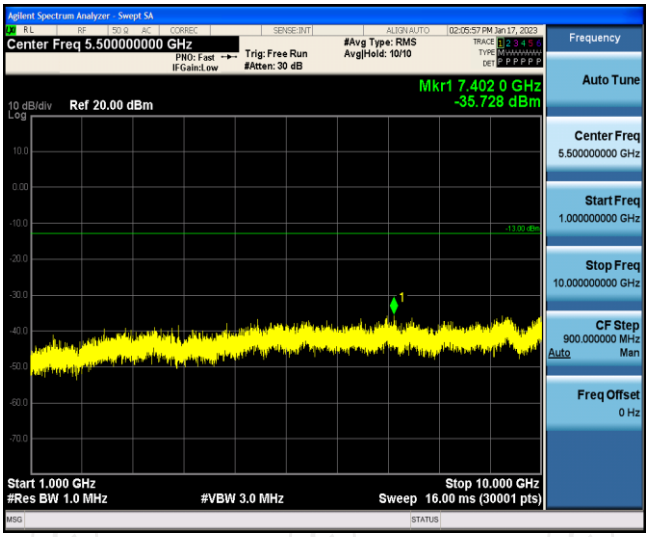
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



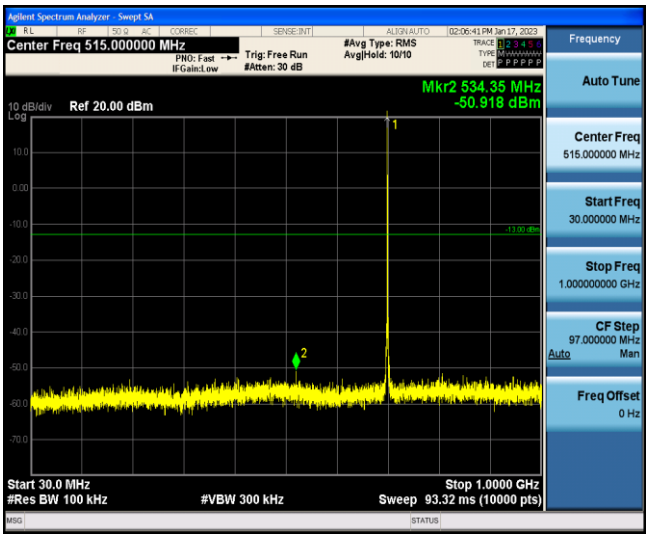
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



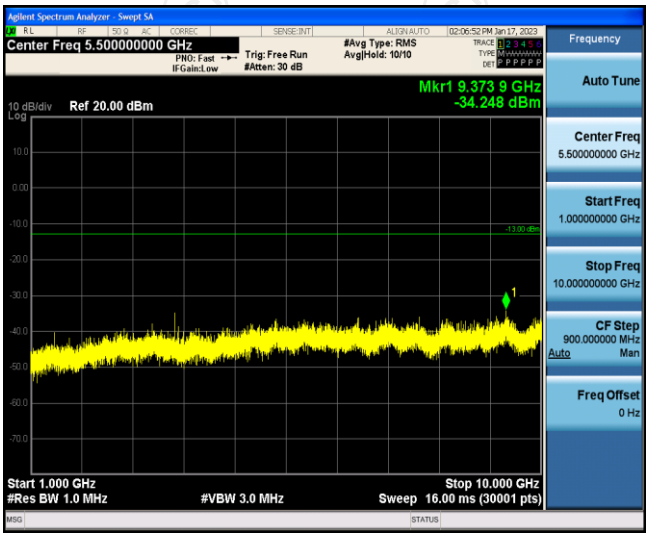
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



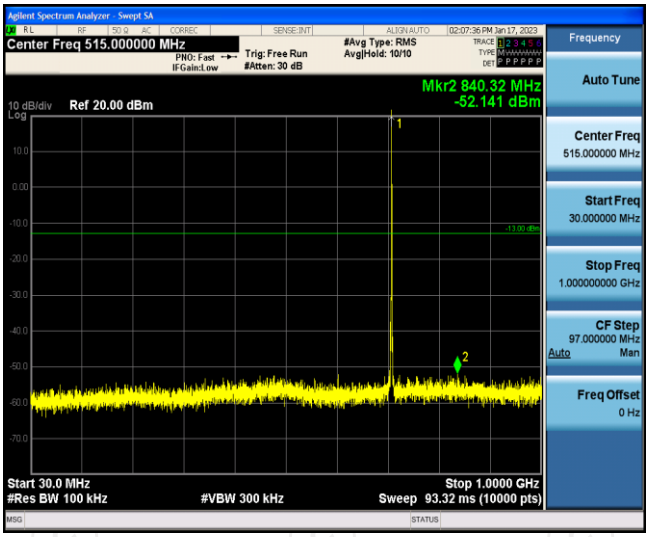
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



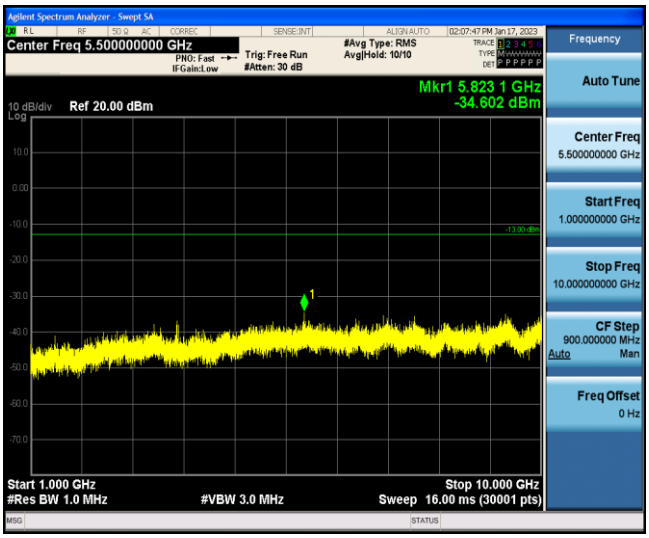
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



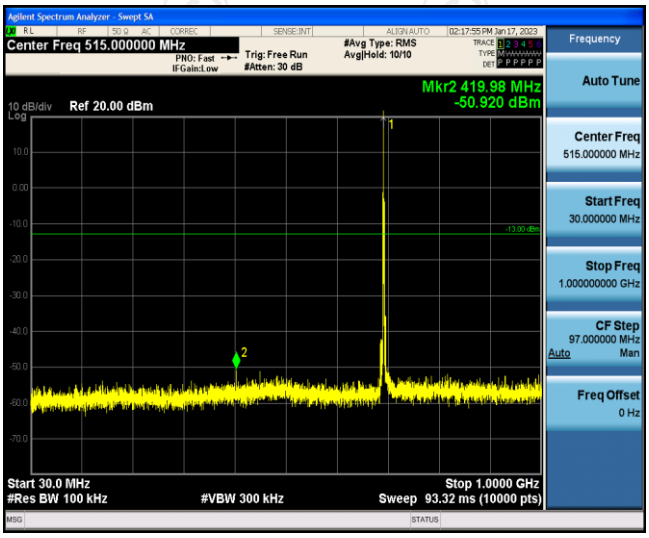
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



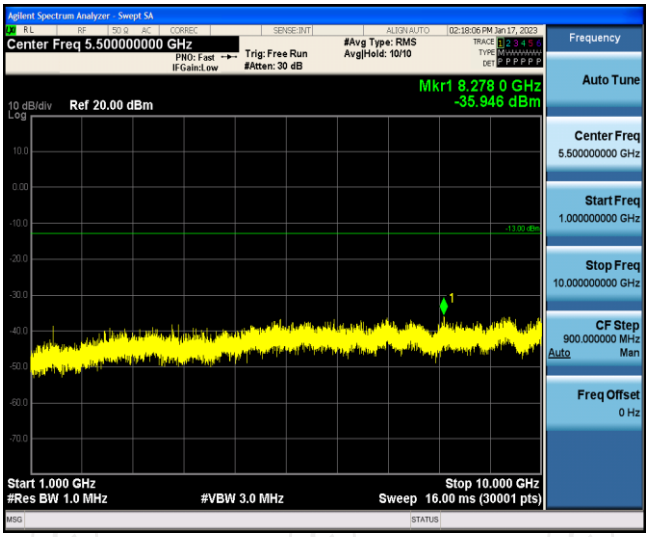
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



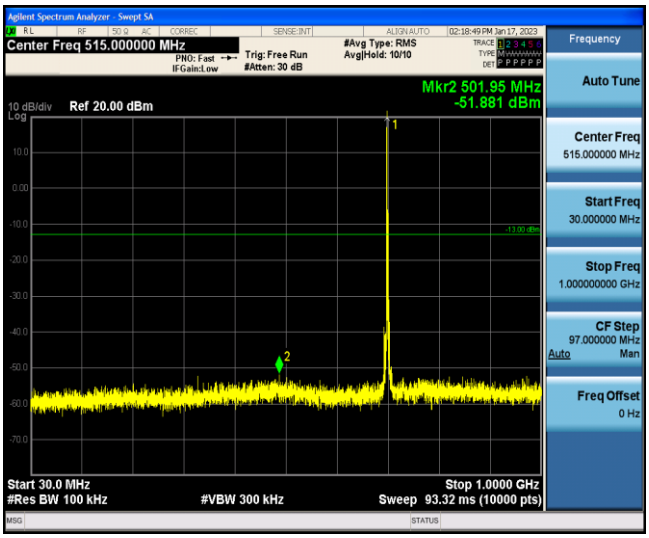
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



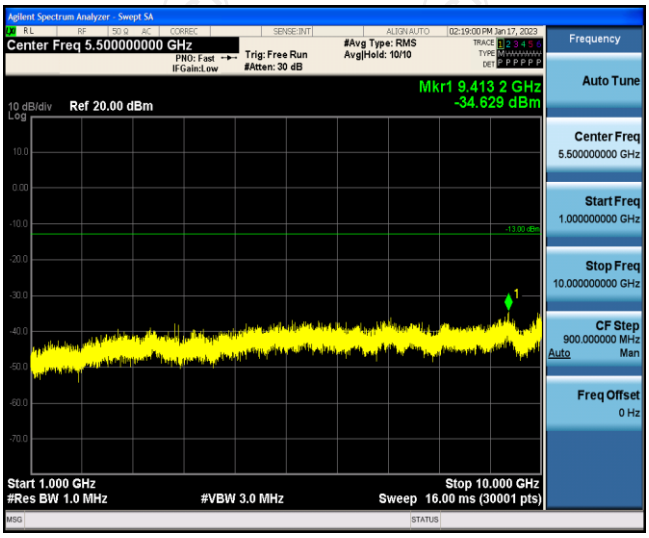
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



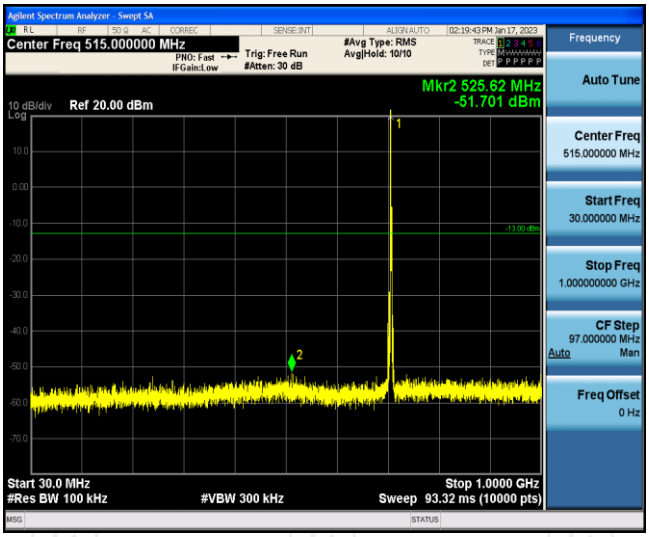
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



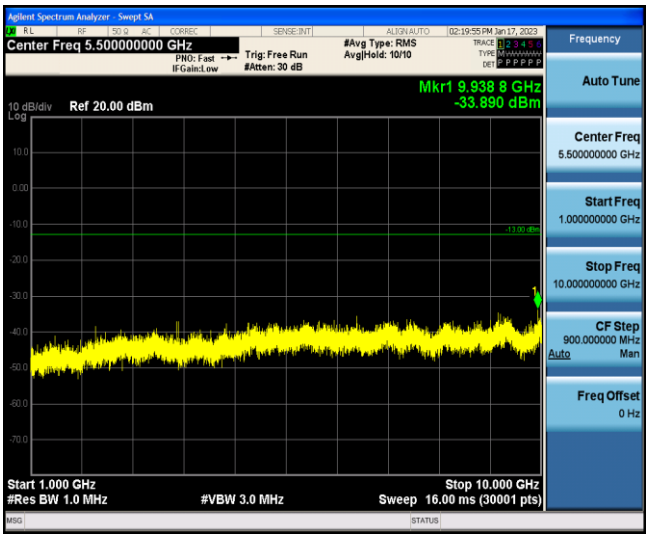
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



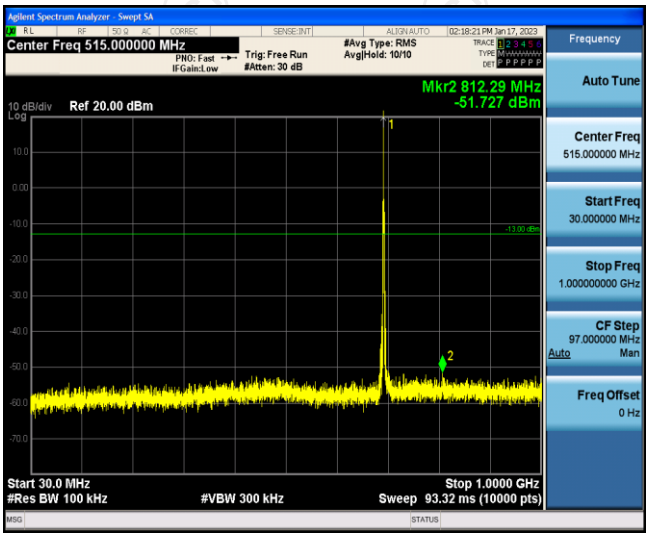
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



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



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



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