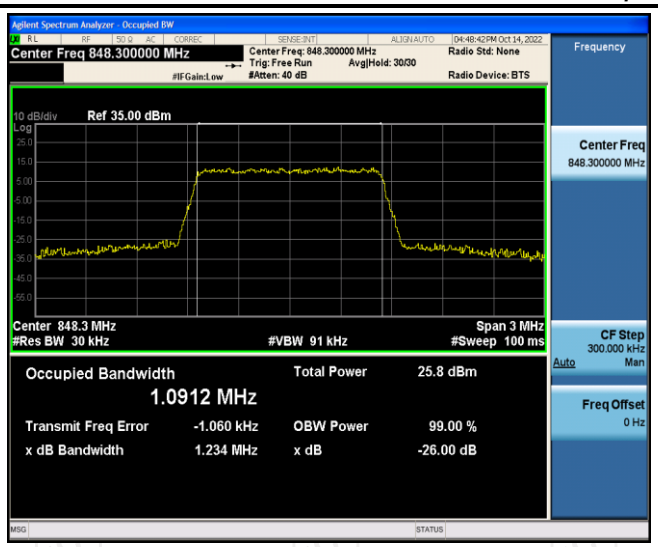
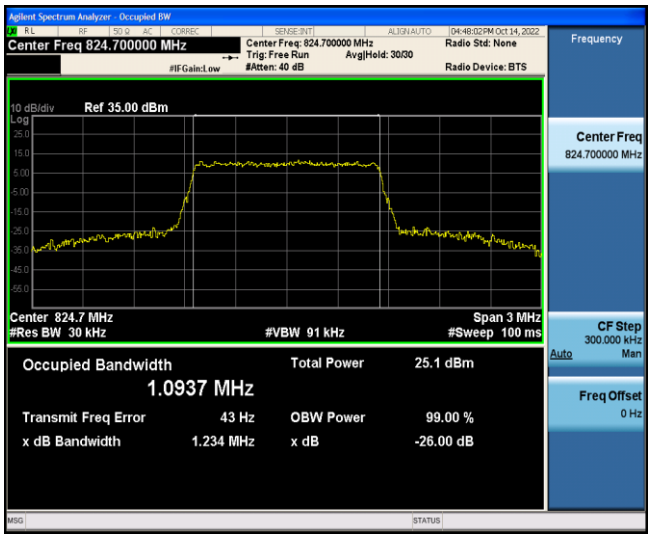
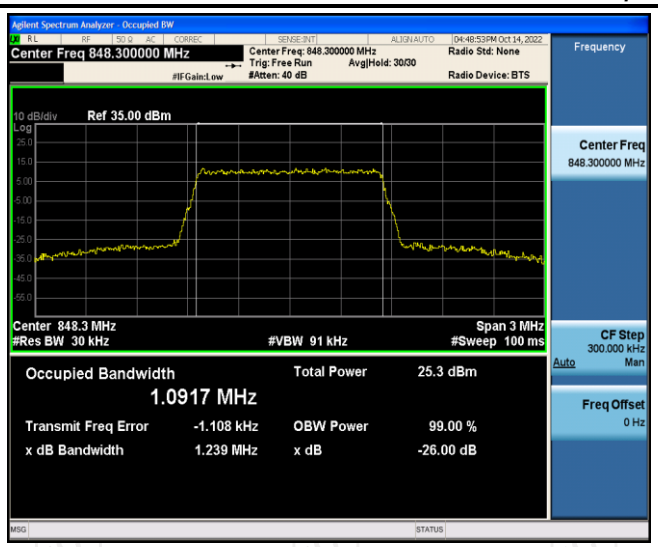


Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0

Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-15RB#0

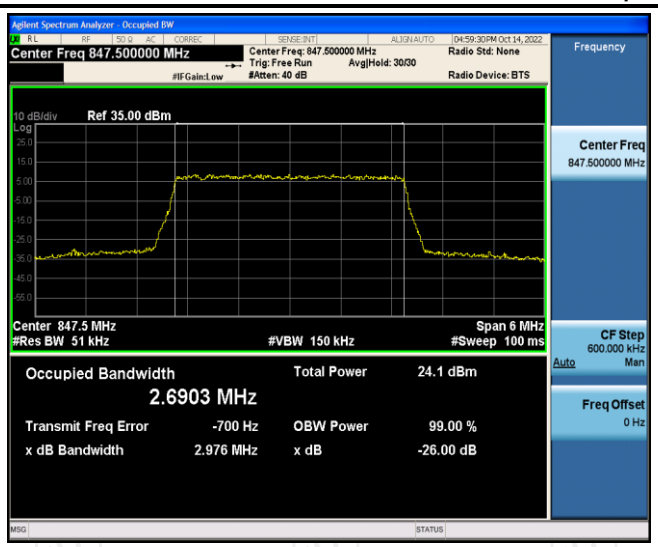
Band5-3MHz-QPSK-20525-15RB#0

Band5-3MHz-QPSK-20635-15RB#0

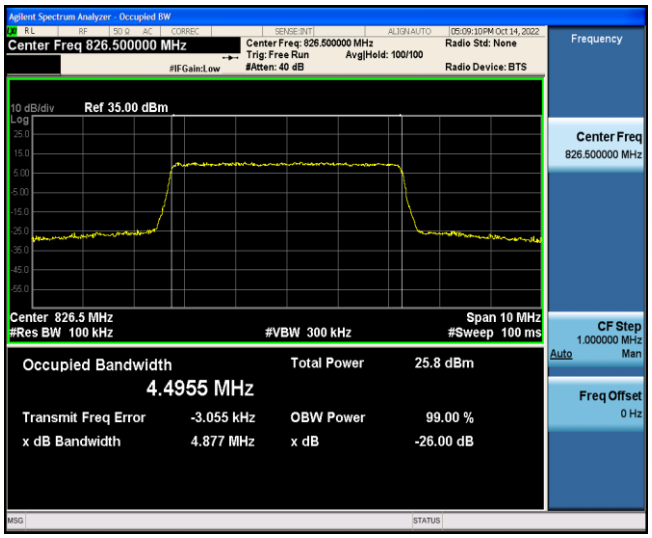
Band5-3MHz-16QAM-20415-15RB#0

Band5-3MHz-16QAM-20525-15RB#0

Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-25RB#0



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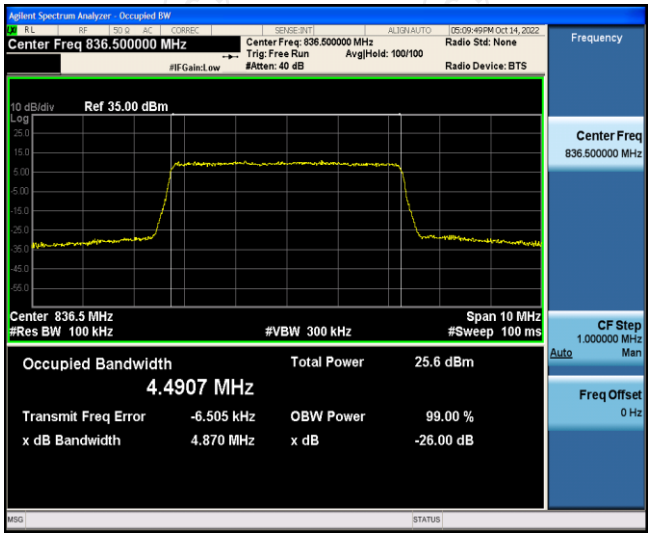
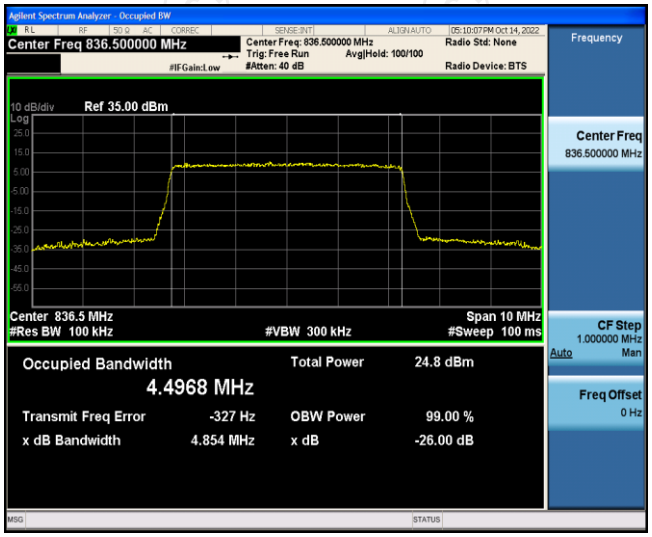


Band5-5MHz-QPSK-20625-25RB#0

Band5-5MHz-16QAM-20425-25RB#0

Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0

Band5-10MHz-QPSK-20450-50RB#0

Band5-10MHz-QPSK-20525-50RB#0

Band5-10MHz-QPSK-20600-50RB#0

Band5-10MHz-16QAM-20450-50RB#0

Band5-10MHz-16QAM-20525-50RB#0

Band5-10MHz-16QAM-20600-50RB#0

Agilent Spectrum Analyzer - Occupied BW
Center Freq 844.000000 MHz
Center Freq: 844.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
05:21:28PM Oct 14, 2022
#IFGain:Low
10 dB/div
Ref 35.00 dBm
Center 844 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9636 MHz
Total Power 23.9 dBm
Transmit Freq Error -12.321 kHz
OBW Power 99.00 %
x dB Bandwidth 9.578 MHz
x dB -26.00 dB
Frequency
Center Freq
844.000000 MHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz

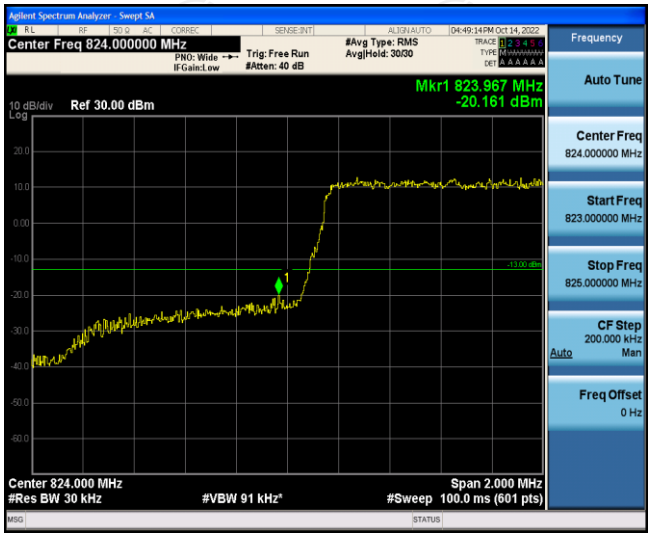
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-20.16	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.58	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-22.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-25.96	PASS
Band5	3MHz	QPSK	20415	15RB#0	-16.59	PASS
Band5	3MHz	QPSK	20635	15RB#0	-17.60	PASS
Band5	3MHz	16QAM	20415	15RB#0	-17.58	PASS
Band5	3MHz	16QAM	20635	15RB#0	-19.26	PASS
Band5	5MHz	QPSK	20425	25RB#0	-19.34	PASS
Band5	5MHz	QPSK	20625	25RB#0	-22.80	PASS
Band5	5MHz	16QAM	20425	25RB#0	-20.96	PASS
Band5	5MHz	16QAM	20625	25RB#0	-23.83	PASS
Band5	10MHz	QPSK	20450	50RB#0	-24.42	PASS
Band5	10MHz	QPSK	20600	50RB#0	-25.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	-24.50	PASS
Band5	10MHz	16QAM	20600	50RB#0	-25.06	PASS

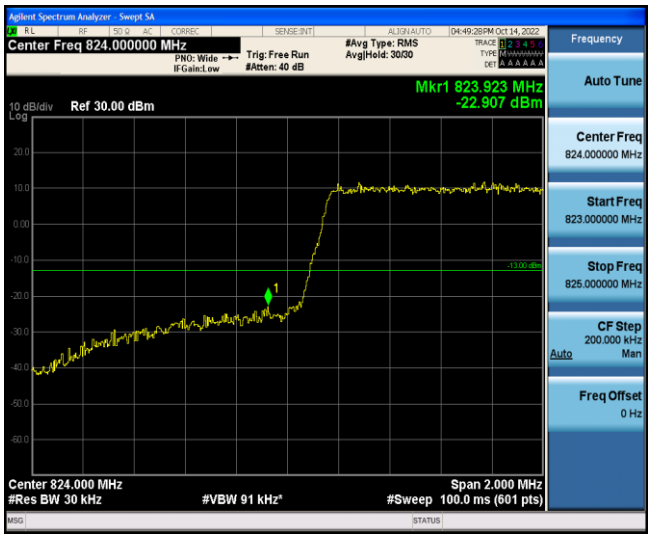
Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-6RB#0

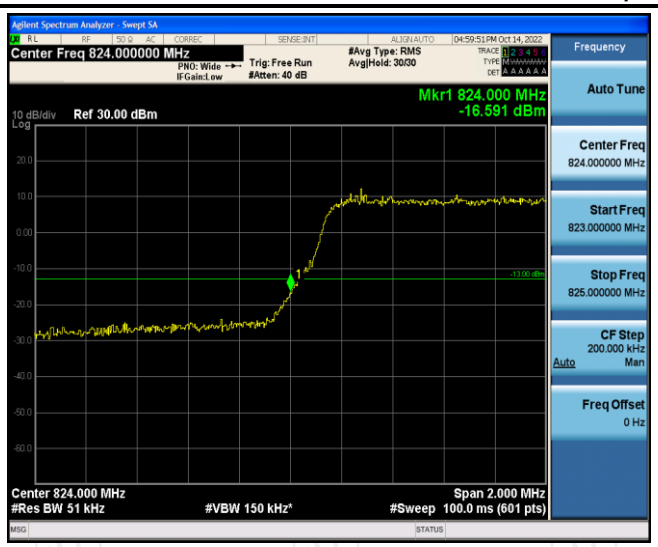
Band5-1.4MHz-16QAM-20407-6RB#0



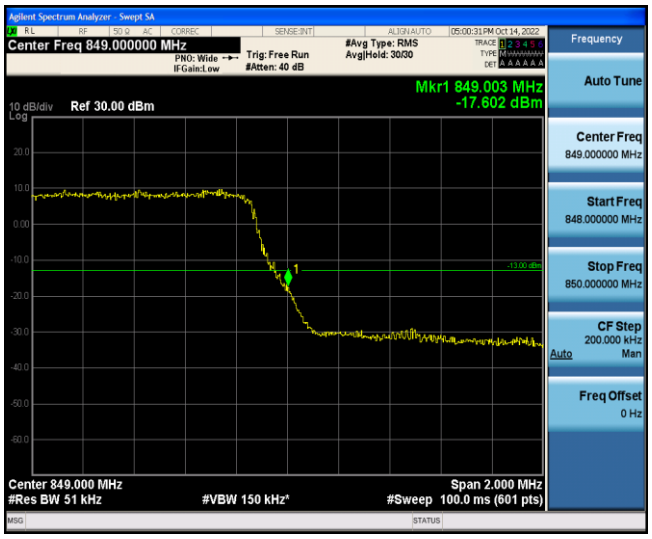
Band5-1.4MHz-16QAM-20643-6RB#0

Band5-3MHz-QPSK-20415-15RB#0

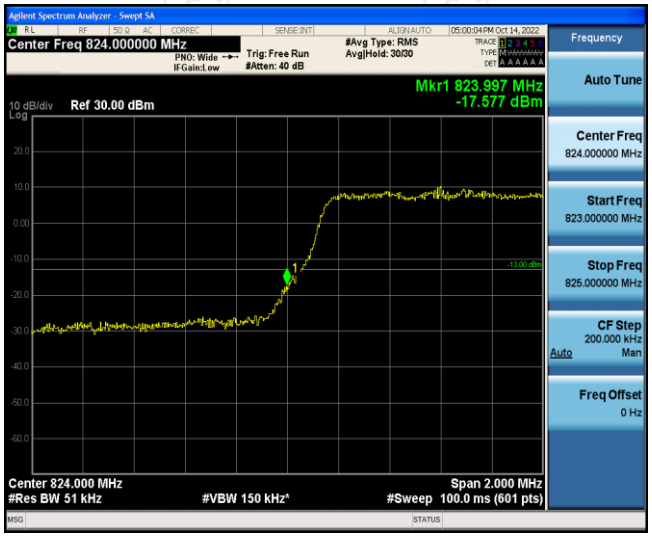
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band5-3MHz-QPSK-20635-15RB#0

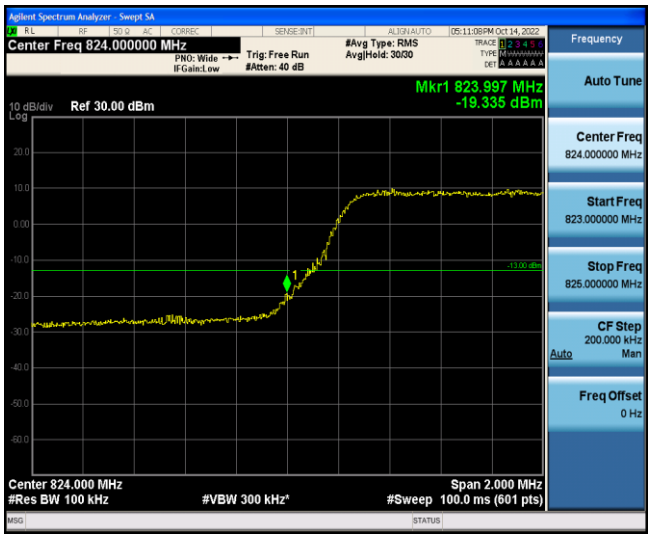


Band5-3MHz-16QAM-20415-15RB#0

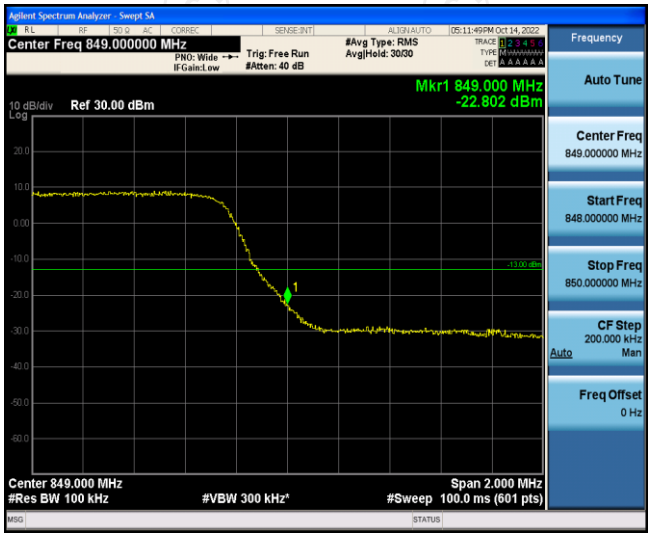


Band5-3MHz-16QAM-20635-15RB#0

Band5-5MHz-QPSK-20425-25RB#0

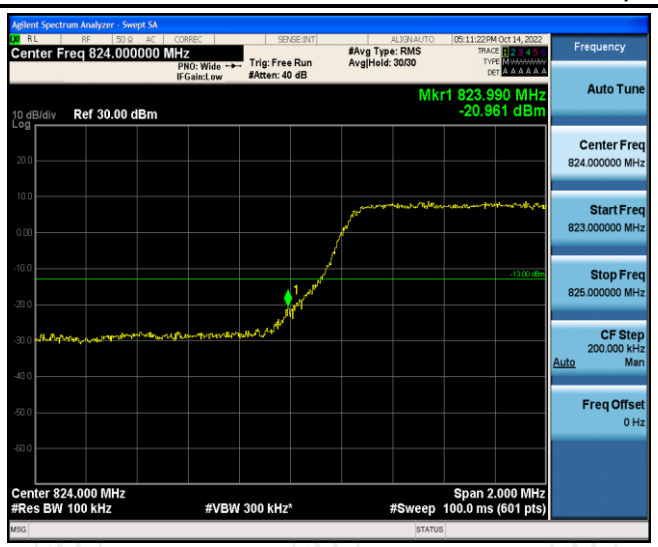


Band5-5MHz-QPSK-20625-25RB#0

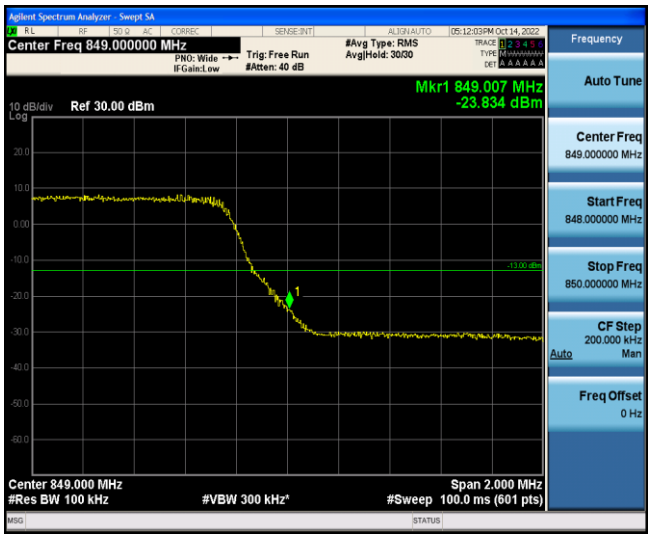


Band5-5MHz-16QAM-20425-25RB#0

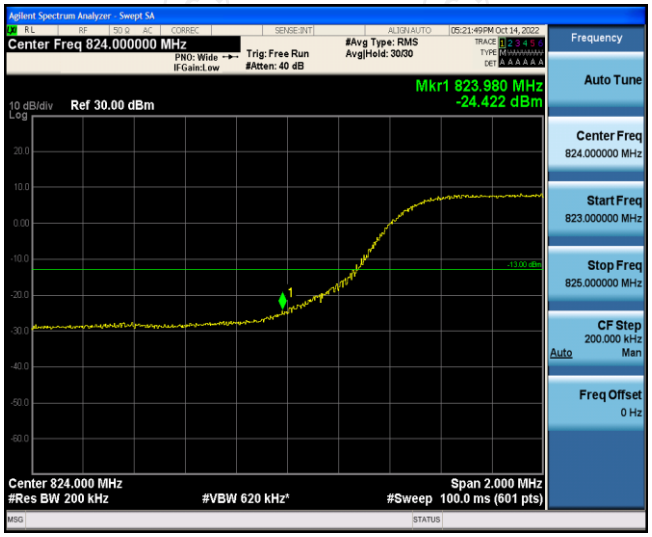
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band5-5MHz-16QAM-20625-25RB#0

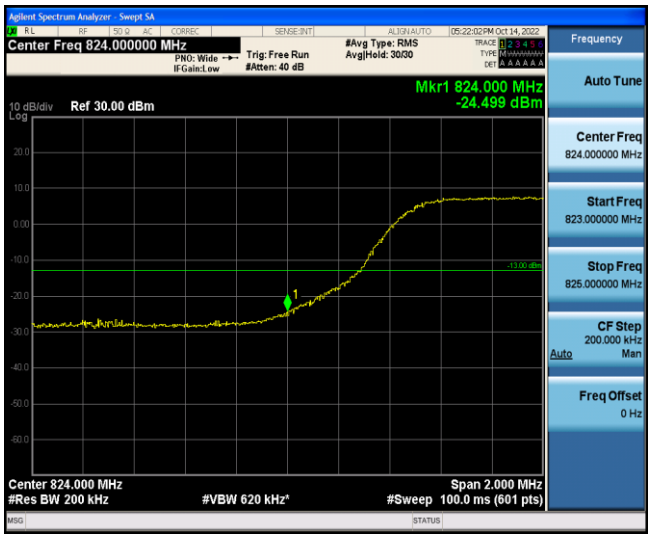


Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0

Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

Appendix E: Conducted Spurious Emission

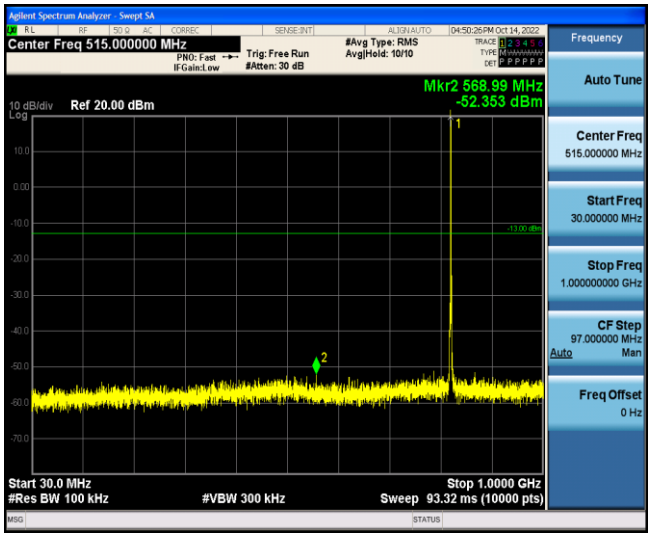
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-52.35	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-28.85	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-25.44	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-51.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-27.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-51.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-26.23	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.36	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.85	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-51.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-24.2	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-51.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-22.4	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-52.43	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-26.12	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-51.75	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-26.91	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-52.74	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-27.25	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-26.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-52.16	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-27.28	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-52.19	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-24.93	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-51.26	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-24.18	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-51.87	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-26.46	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-52.58	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-28.61	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-52.78	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.8	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-51.81	PASS

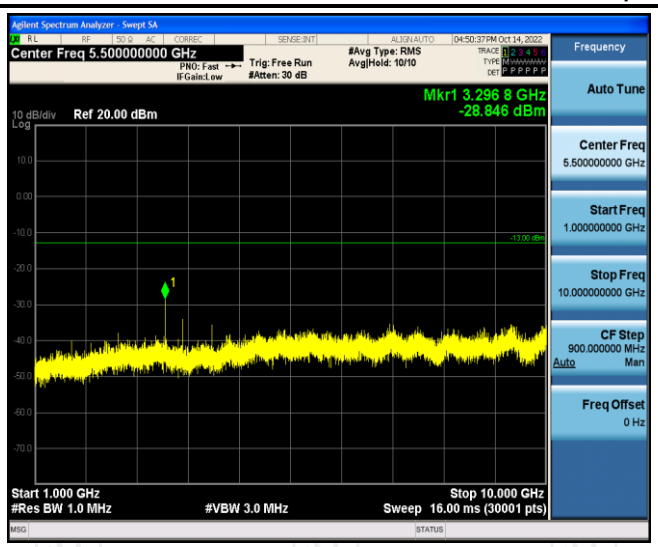
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-28.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-52.57	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-28.64	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-51.8	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-27.81	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-52.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-23.09	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-52.66	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-28.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-52.12	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-52.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-26.88	PASS

Test Graphs

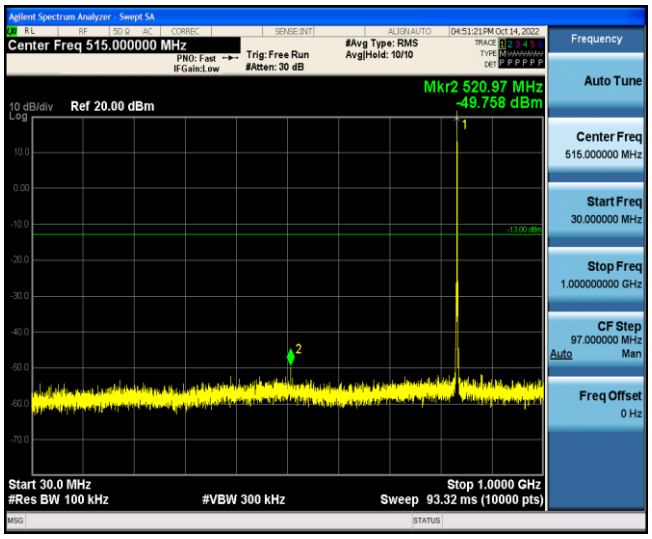
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



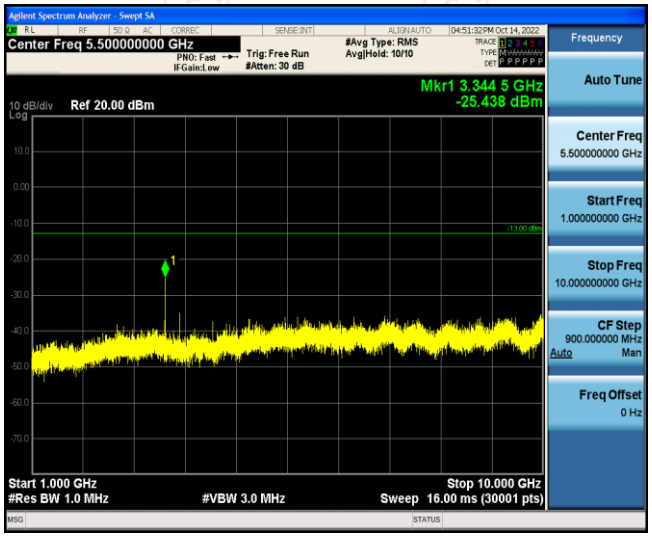
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



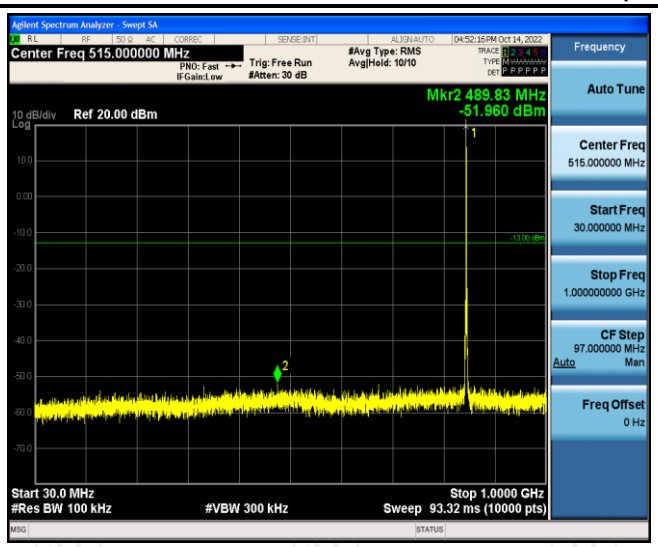
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



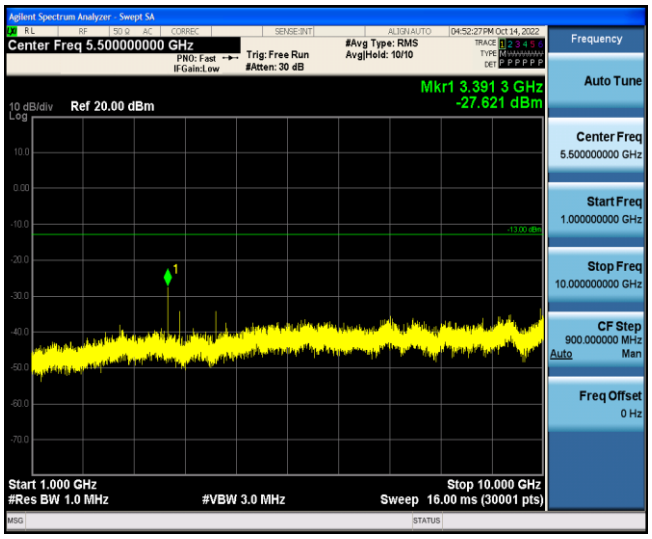
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



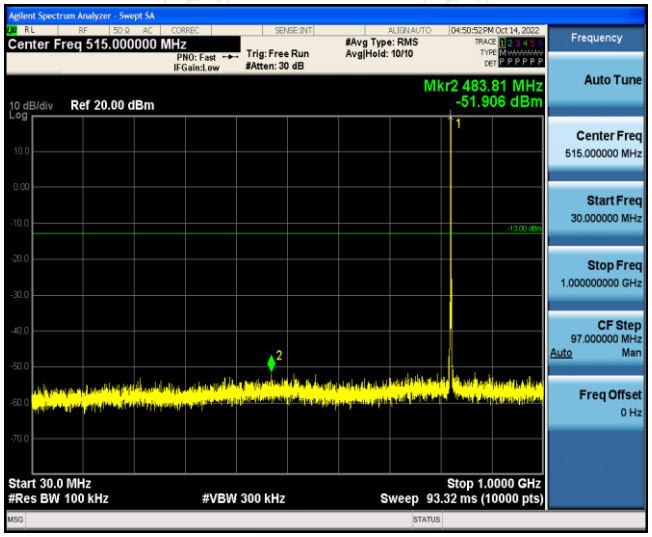
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



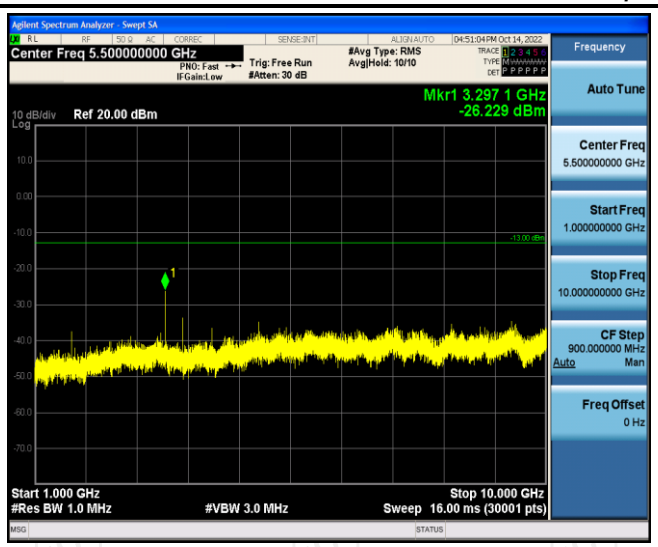
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



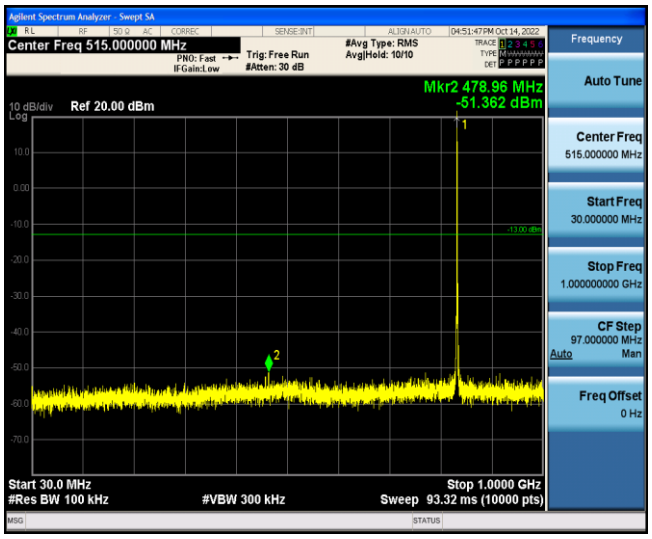
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



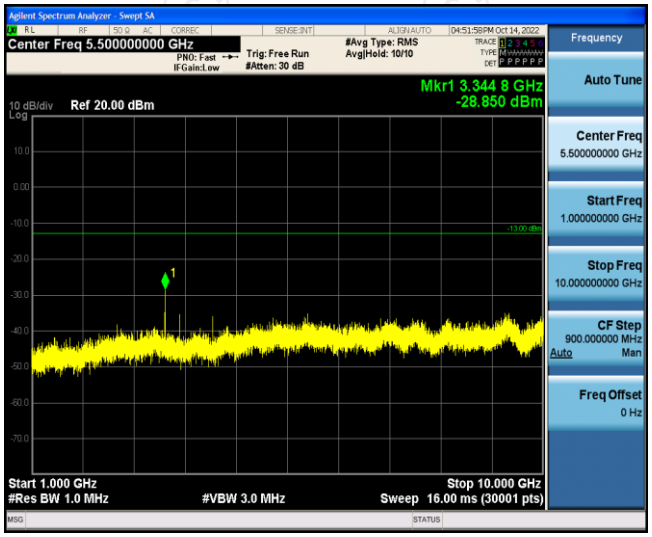
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



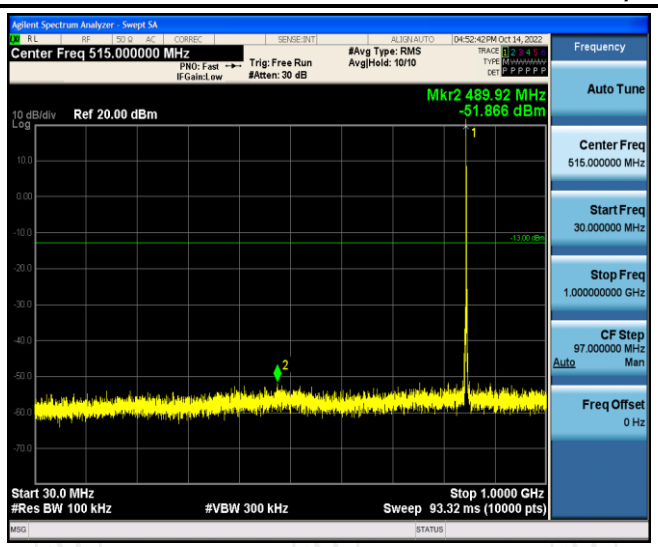
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



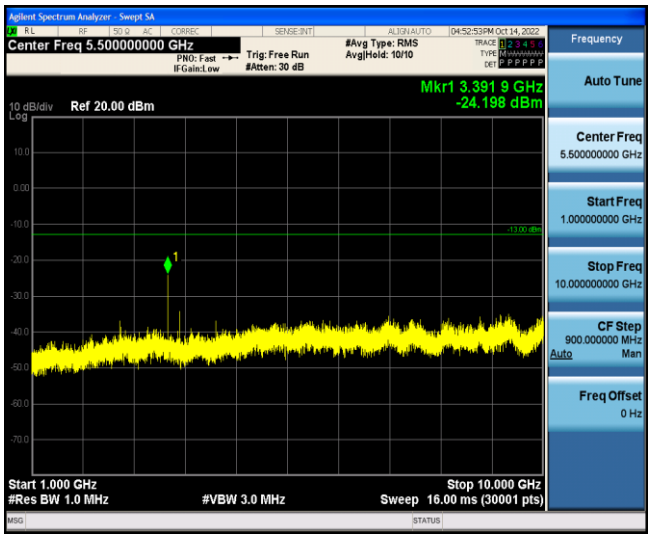
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



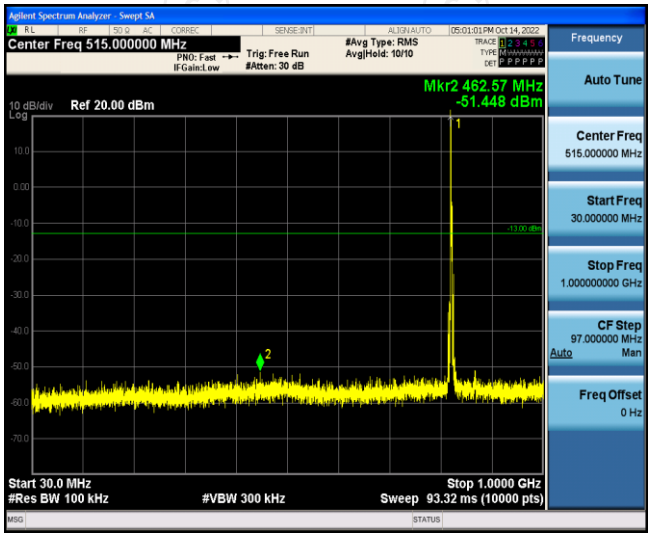
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz