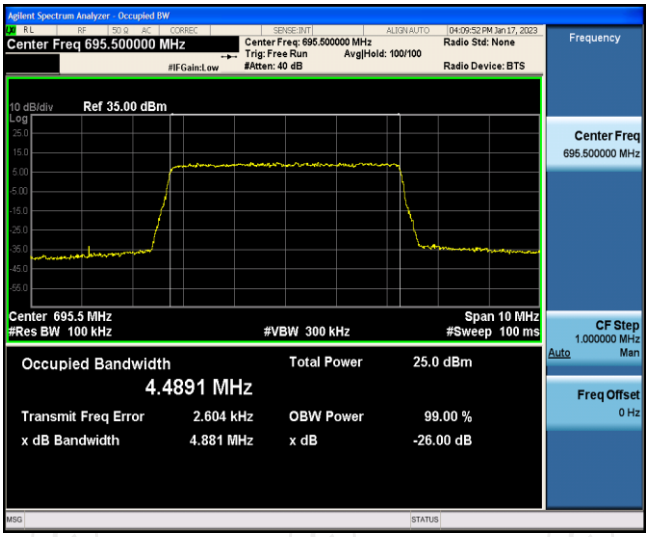
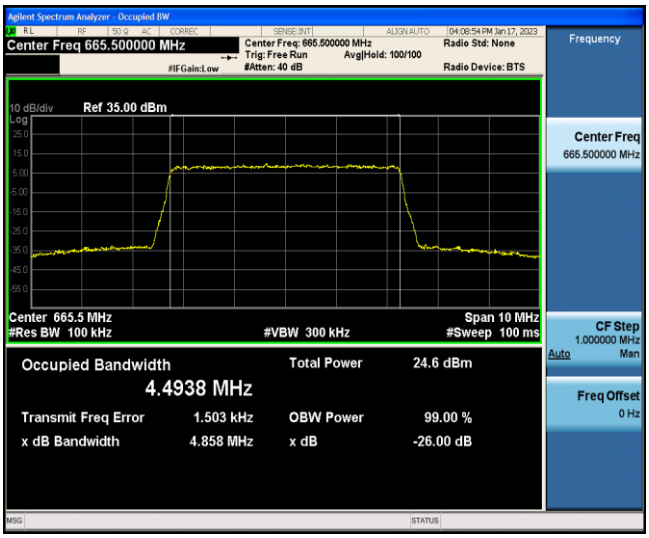
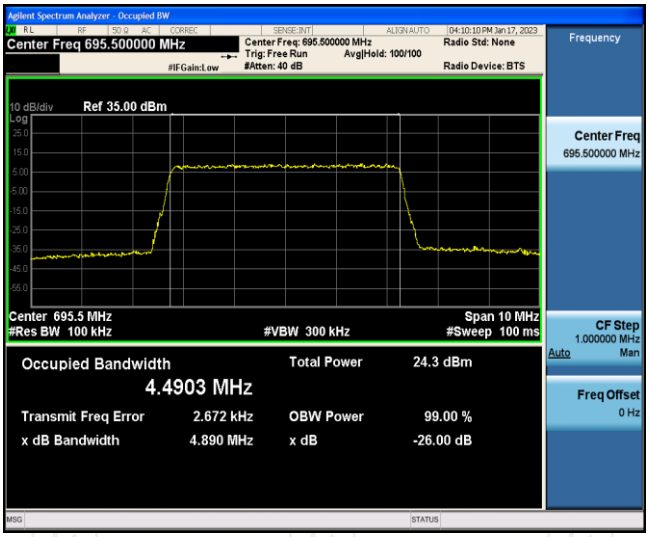


Band71-5MHz-16QAM-133147-25RB#0



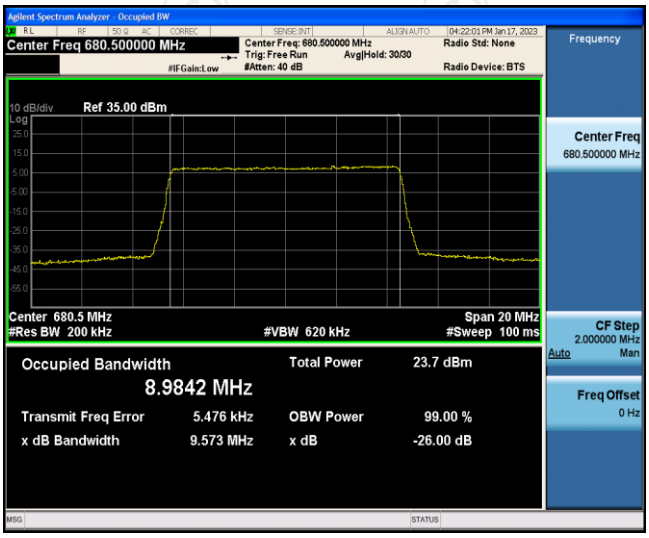
Band71-5MHz-16QAM-133297-25RB#0

Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-QPSK-133172-50RB#0

Band71-10MHz-QPSK-133297-50RB#0



Band71-10MHz-QPSK-133422-50RB#0

Band71-10MHz-16QAM-133172-50RB#0

Band71-10MHz-16QAM-133297-50RB#0

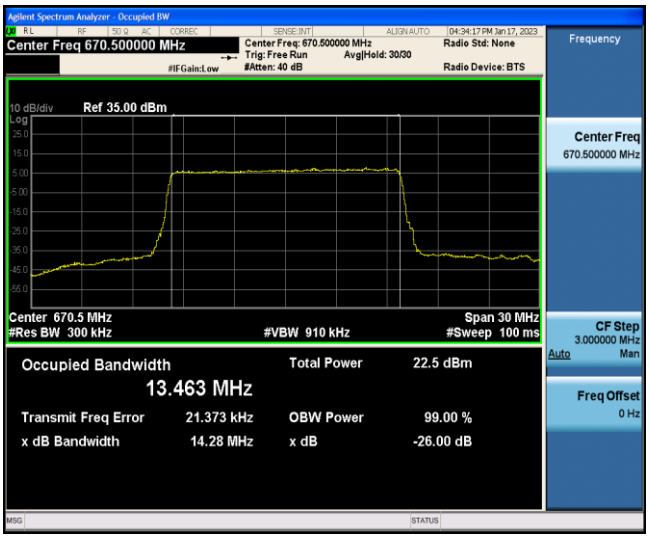
Band71-10MHz-16QAM-133422-50RB#0

Band71-15MHz-QPSK-133197-75RB#0

Band71-15MHz-QPSK-133297-75RB#0

Band71-15MHz-QPSK-133397-75RB#0

Band71-15MHz-16QAM-133197-75RB#0



Band71-15MHz-16QAM-133297-75RB#0

Band71-15MHz-16QAM-133397-75RB#0

Band71-20MHz-QPSK-133222-100RB#0

Band71-20MHz-QPSK-133322-100RB#0

Band71-20MHz-QPSK-133372-100RB#0

Band71-20MHz-16QAM-133222-100RB#0

Band71-20MHz-16QAM-133322-100RB#0

Band71-20MHz-16QAM-133372-100RB#0

Agilent Spectrum Analyzer - Occupied BW
Center Freq 688.000000 MHz
Center Freq: 688.000000 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 Freq
688.000000 MHz
Center 688 MHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.954 MHz
Total Power
22.5 dBm
Transmit Freq Error
4.919 kHz
OBW Power
99.00 %
x dB Bandwidth
19.00 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

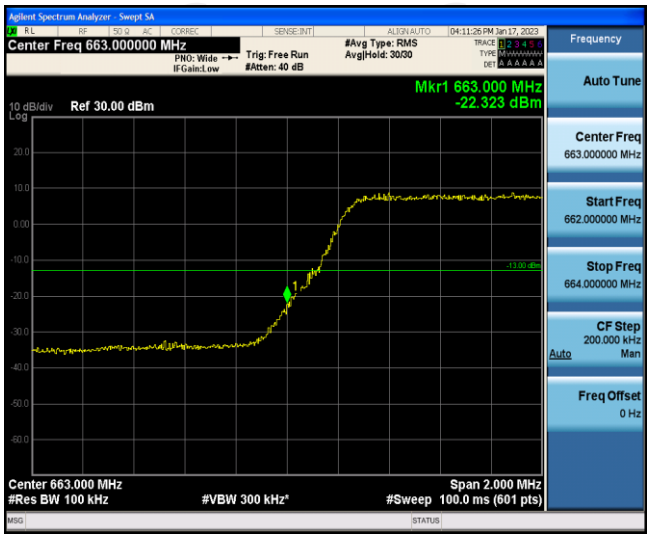
Appendix D: Band Edge

Test Result

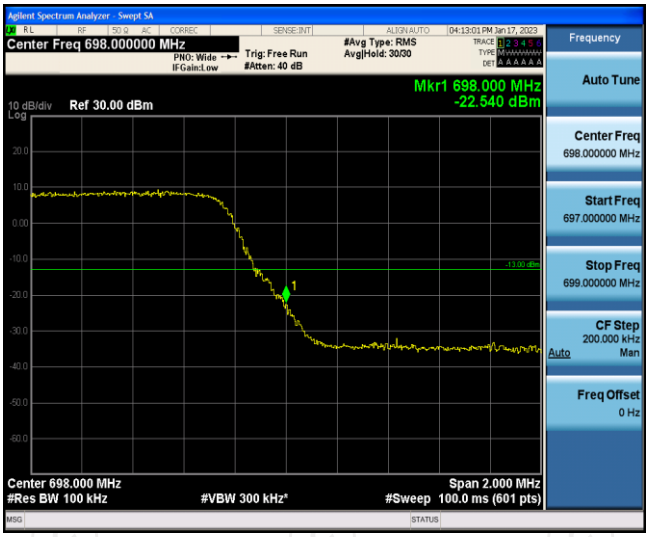
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-22.32	PASS
Band71	5MHz	QPSK	133447	25RB#0	-22.54	PASS
Band71	5MHz	16QAM	133147	25RB#0	-22.20	PASS
Band71	5MHz	16QAM	133447	25RB#0	-22.41	PASS
Band71	10MHz	QPSK	133172	50RB#0	-27.33	PASS
Band71	10MHz	QPSK	133422	50RB#0	-25.54	PASS
Band71	10MHz	16QAM	133172	50RB#0	-27.98	PASS
Band71	10MHz	16QAM	133422	50RB#0	-25.61	PASS
Band71	15MHz	QPSK	133197	75RB#0	-28.10	PASS
Band71	15MHz	QPSK	133397	75RB#0	-25.85	PASS
Band71	15MHz	16QAM	133197	75RB#0	-28.57	PASS
Band71	15MHz	16QAM	133397	75RB#0	-26.57	PASS
Band71	20MHz	QPSK	133222	100RB#0	-31.73	PASS
Band71	20MHz	QPSK	133372	100RB#0	-29.21	PASS
Band71	20MHz	16QAM	133222	100RB#0	-30.62	PASS
Band71	20MHz	16QAM	133372	100RB#0	-29.79	PASS

Test Graphs

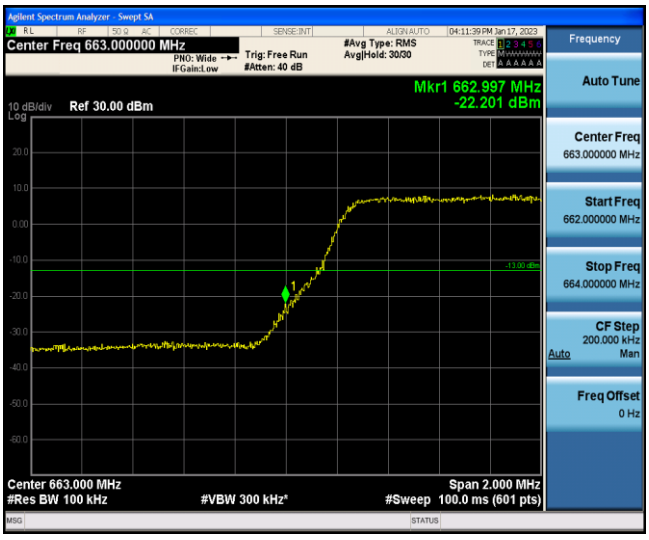
Band71-5MHz-QPSK-133147-25RB#0



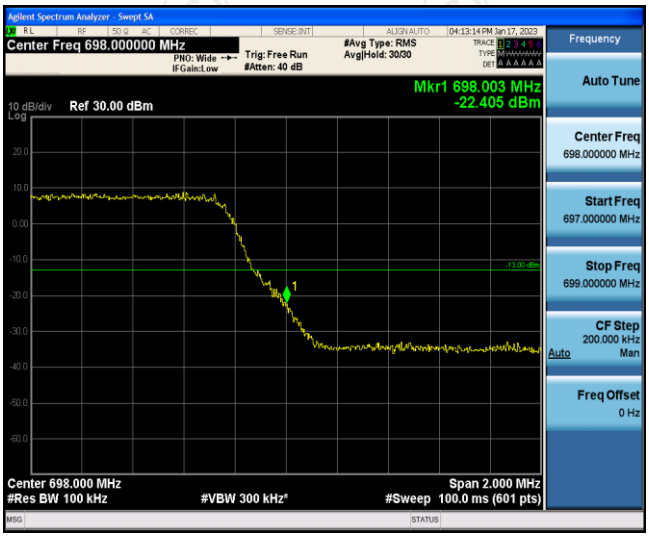
Band71-5MHz-QPSK-133447-25RB#0



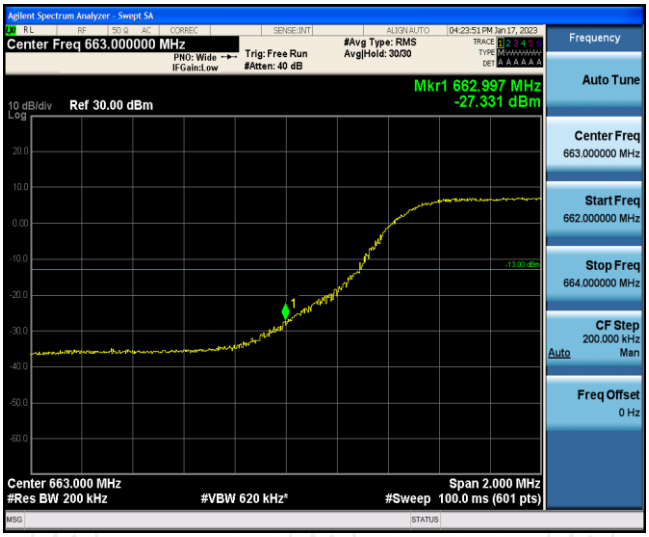
Band71-5MHz-16QAM-133147-25RB#0



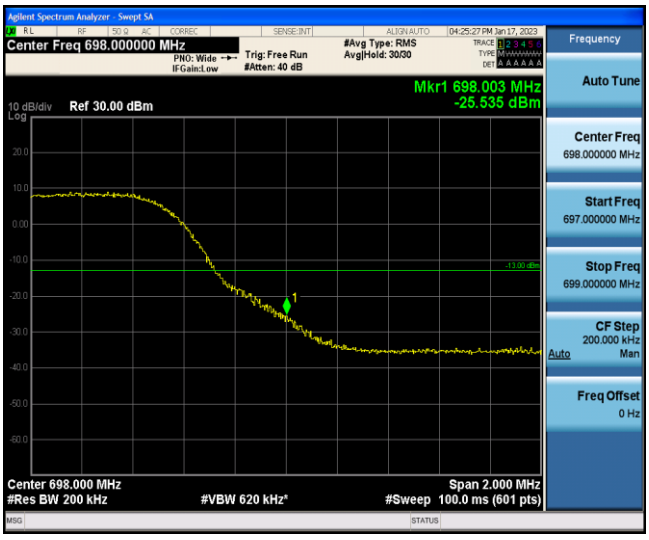
Band71-5MHz-16QAM-133447-25RB#0



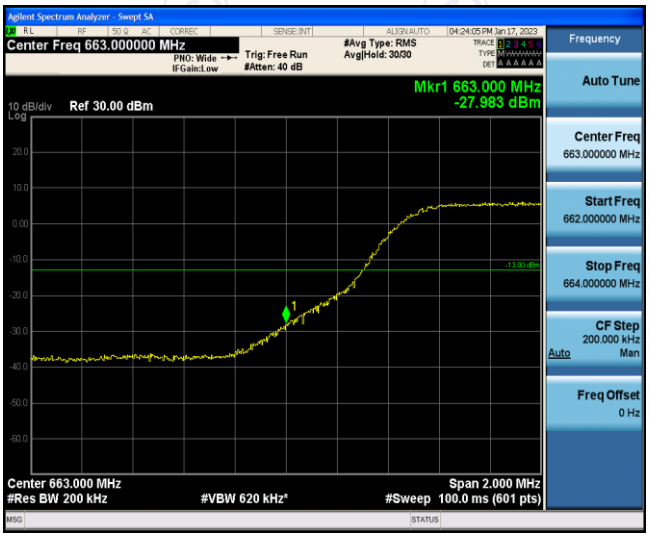
Band71-10MHz-QPSK-133172-50RB#0



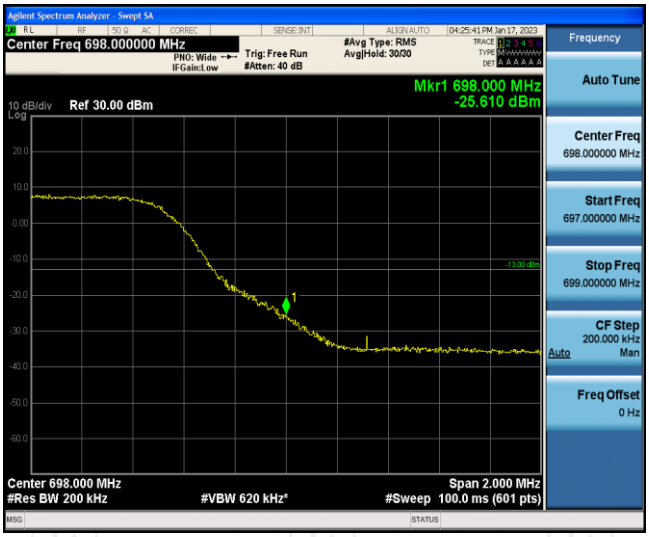
Band71-10MHz-QPSK-133422-50RB#0



Band71-10MHz-16QAM-133172-50RB#0

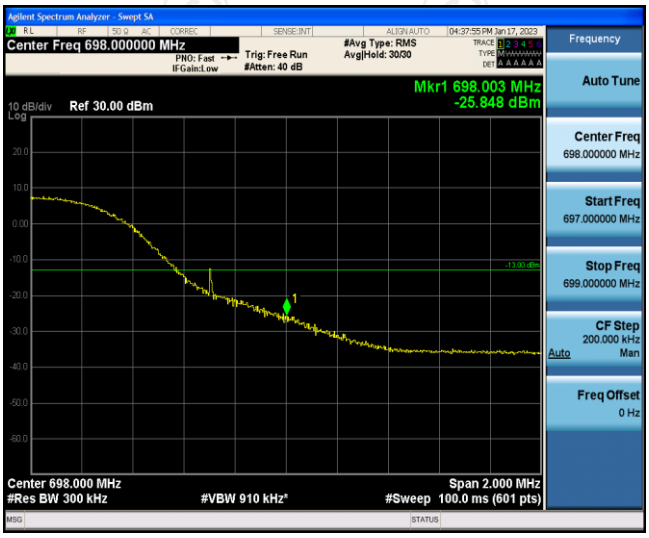


Band71-10MHz-16QAM-133422-50RB#0

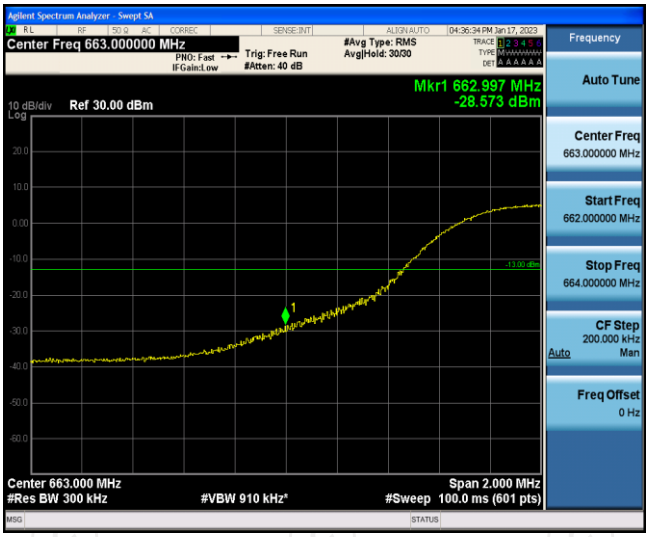


Band71-15MHz-QPSK-133197-75RB#0

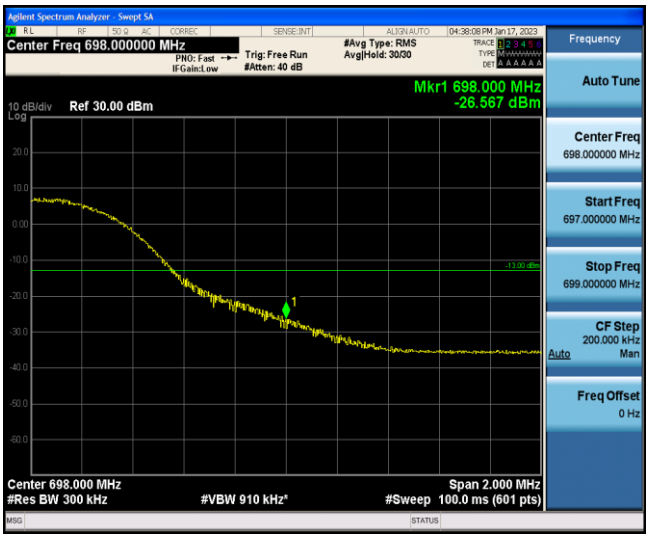
Band71-15MHz-QPSK-133397-75RB#0



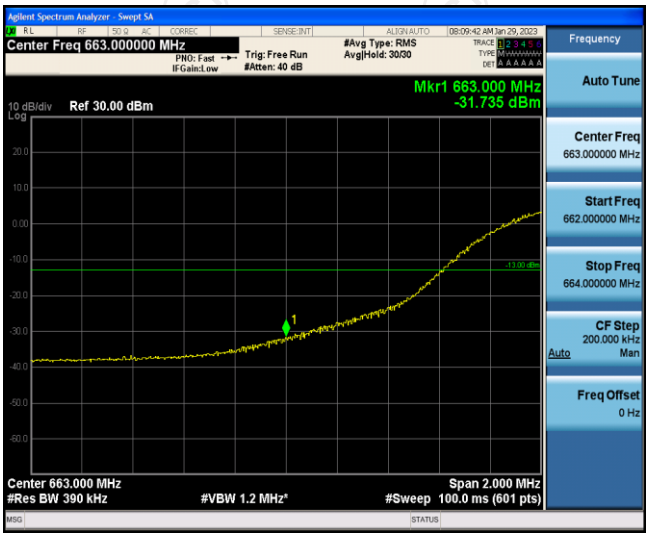
Band71-15MHz-16QAM-133197-75RB#0



Band71-15MHz-16QAM-133397-75RB#0

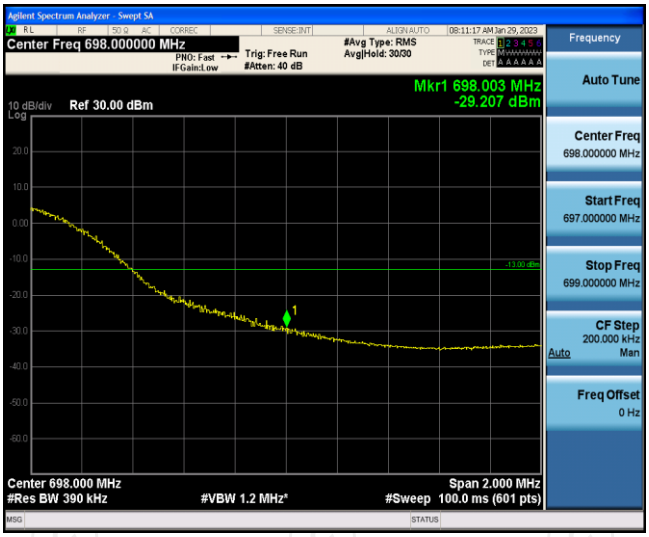


Band71-20MHz-QPSK-133222-100RB#0



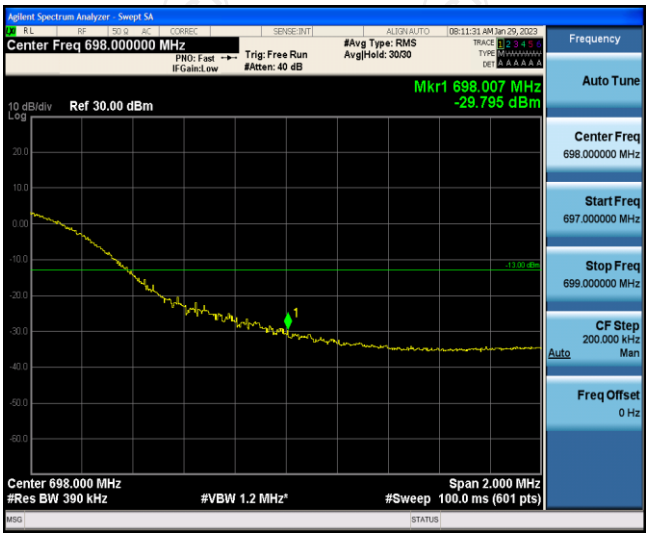
Band71-20MHz-QPSK-133372-100RB#0

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



Band71-20MHz-16QAM-133222-100RB#0

Band71-20MHz-16QAM-133372-100RB#0



Appendix E: Conducted Spurious Emission

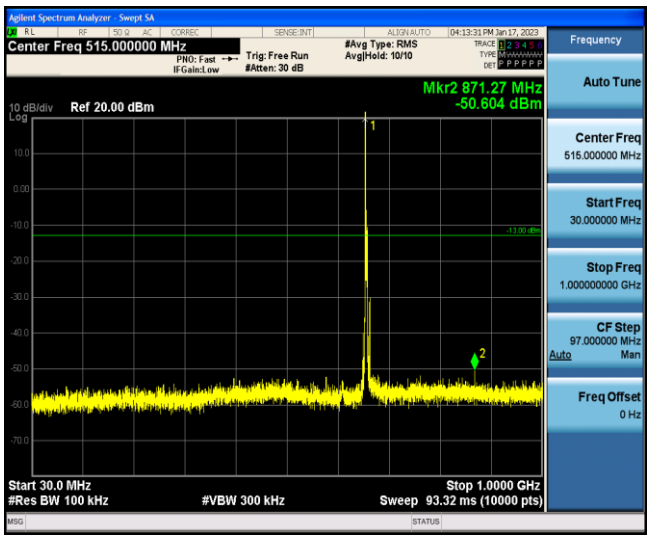
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-50.6	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-34.96	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-51.54	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-35.05	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-51.89	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-34.57	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-51.57	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-35.35	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-52.18	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-35.02	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-51.93	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-35.25	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range1:30~1000MHz	-52.62	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range2:1000~10000MHz	-35.08	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-52.14	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-35.55	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range1:30~1000MHz	-52.05	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range2:1000~10000MHz	-35.3	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range1:30~1000MHz	-52.58	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range2:1000~10000MHz	-35.43	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-52.55	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-34.72	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range1:30~1000MHz	-51.6	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range2:1000~10000MHz	-35.08	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range1:30~1000MHz	-52.11	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range2:1000~10000MHz	-35.47	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-51.56	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-35.55	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range1:30~1000MHz	-51.12	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range2:1000~10000MHz	-35.49	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range1:30~1000MHz	-51.8	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range2:1000~10000MHz	-35.71	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-51.85	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-35.34	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range1:30~1000MHz	-51.13	PASS

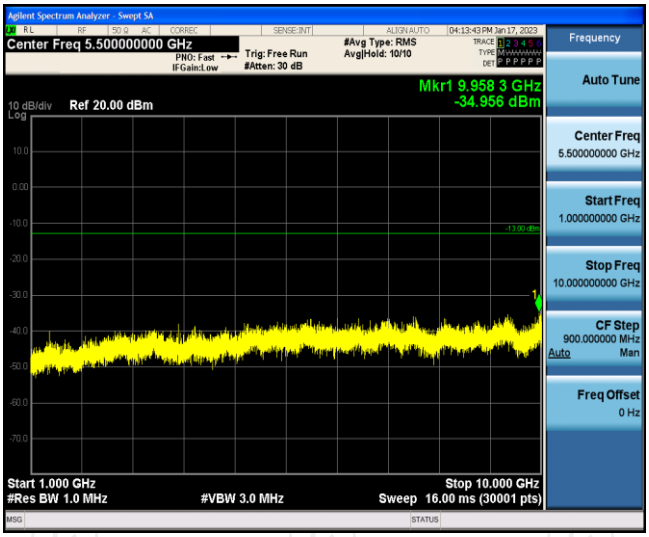
Band71	15MHz	16QAM	133397	1RB#0	Range2:1000~10000MHz	-35.33	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-52.26	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-36.33	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-53.2	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-36.06	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-51.81	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-35.46	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-52.11	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-34.48	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-52	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-35.97	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-52.37	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-35.95	PASS

Test Graphs

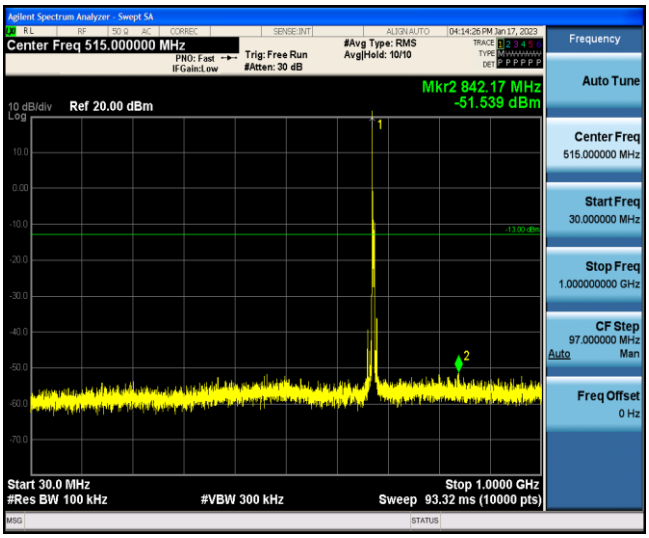
Band71-5MHz-QPSK-133147-1RB#0-Range1:30~1000MHz



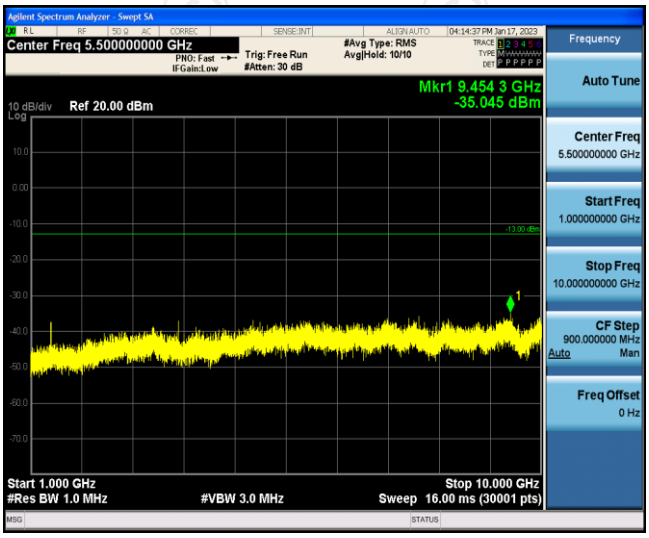
Band71-5MHz-QPSK-133147-1RB#0-Range2:1000~10000MHz



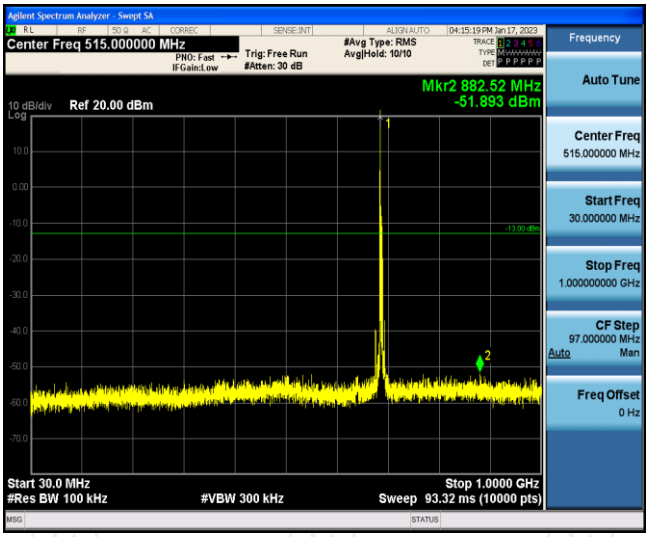
Band71-5MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



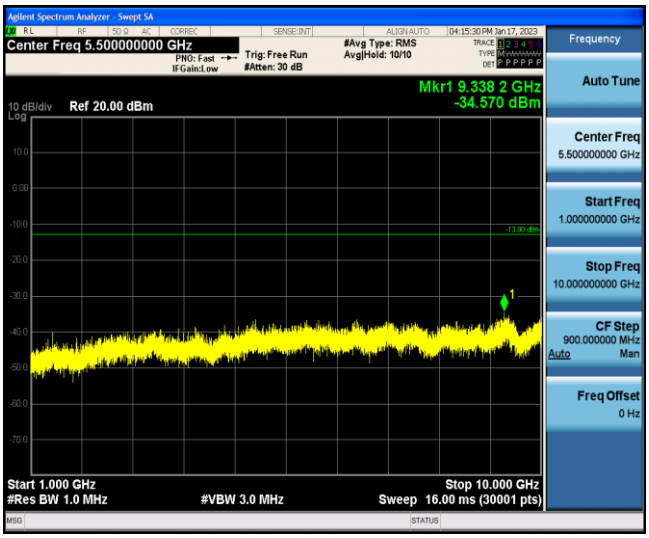
Band71-5MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



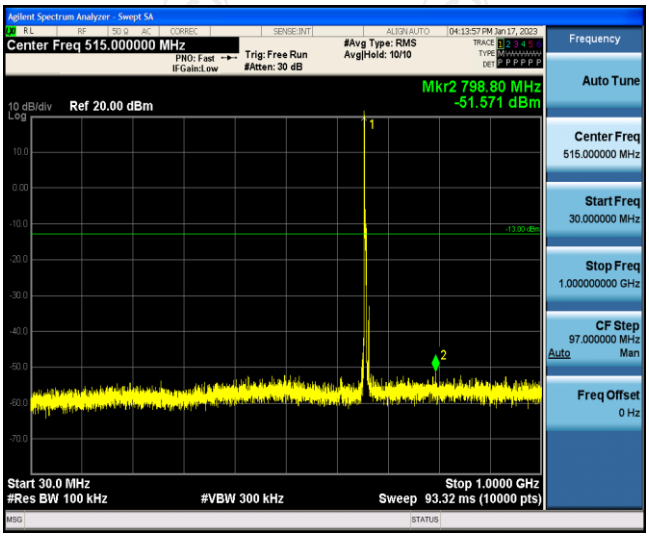
Band71-5MHz-QPSK-133447-1RB#0-Range1:30~1000MHz



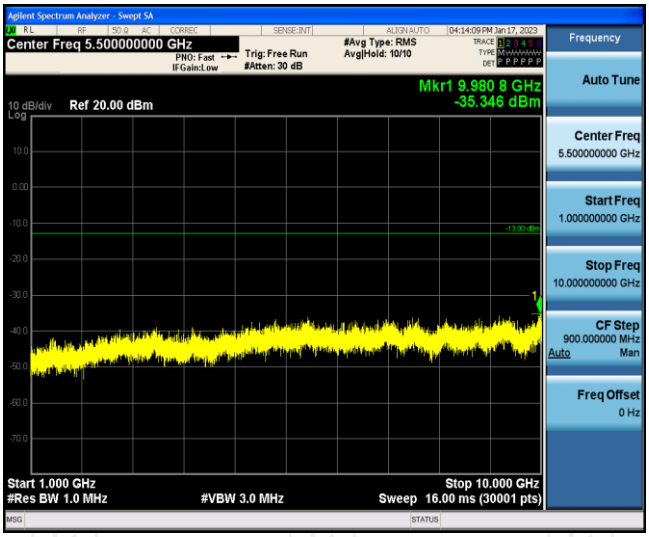
Band71-5MHz-QPSK-133447-1RB#0-Range2:1000~10000MHz



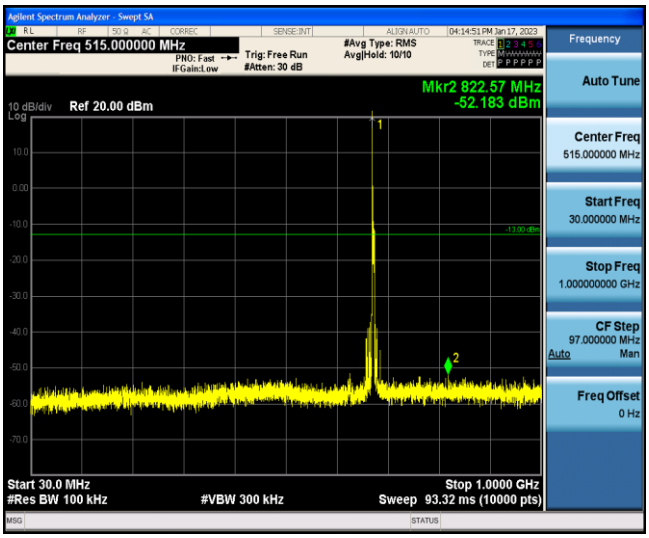
Band71-5MHz-16QAM-133147-1RB#0-Range1:30~1000MHz



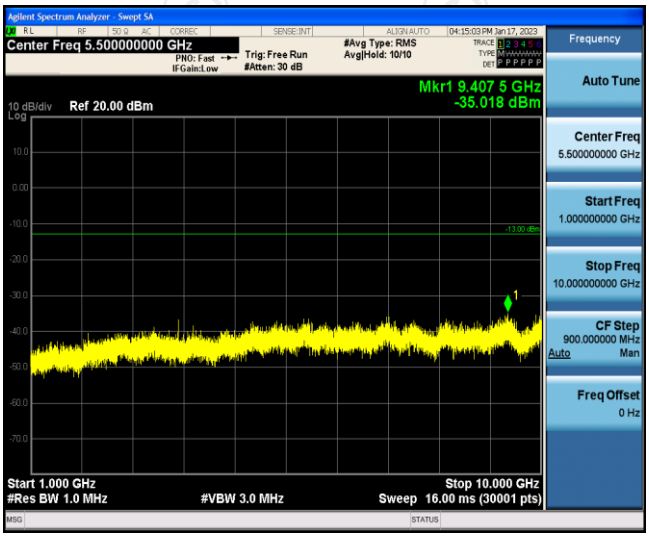
Band71-5MHz-16QAM-133147-1RB#0-Range2:1000~10000MHz



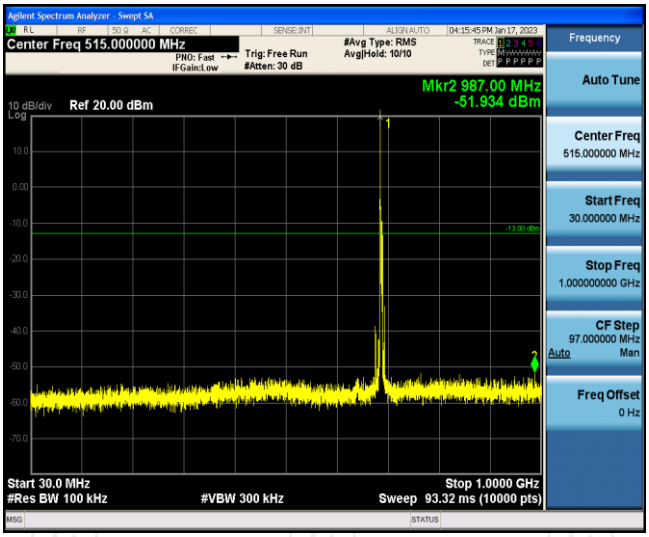
Band71-5MHz-16QAM-133297-1RB#0-Range1:30~1000MHz



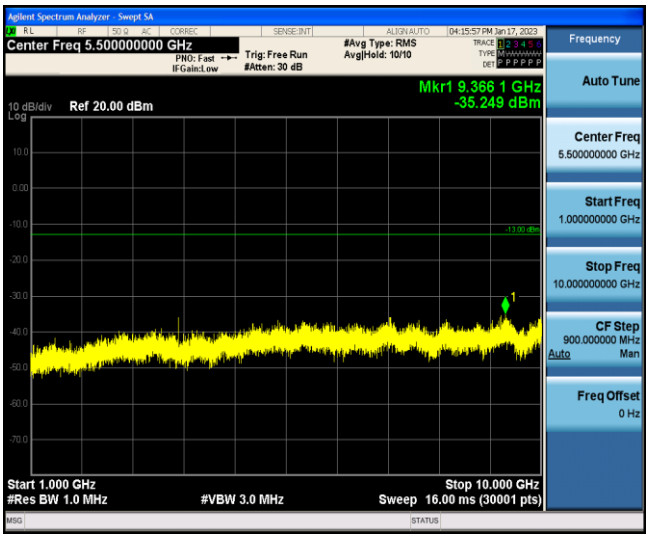
Band71-5MHz-16QAM-133297-1RB#0-Range2:1000~10000MHz



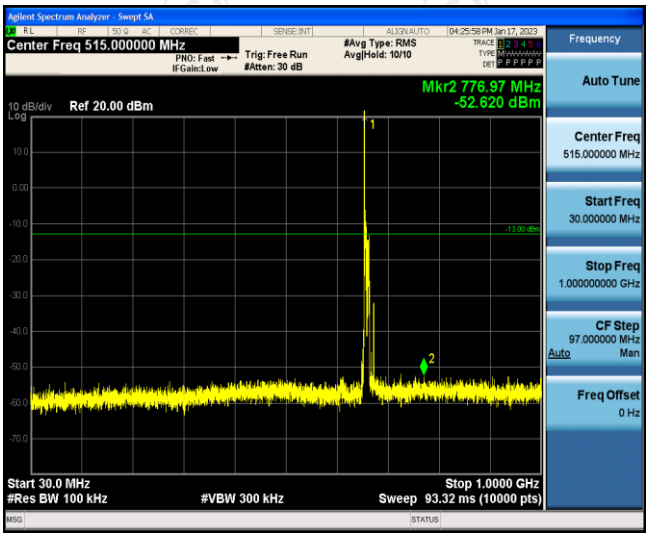
Band71-5MHz-16QAM-133447-1RB#0-Range1:30~1000MHz



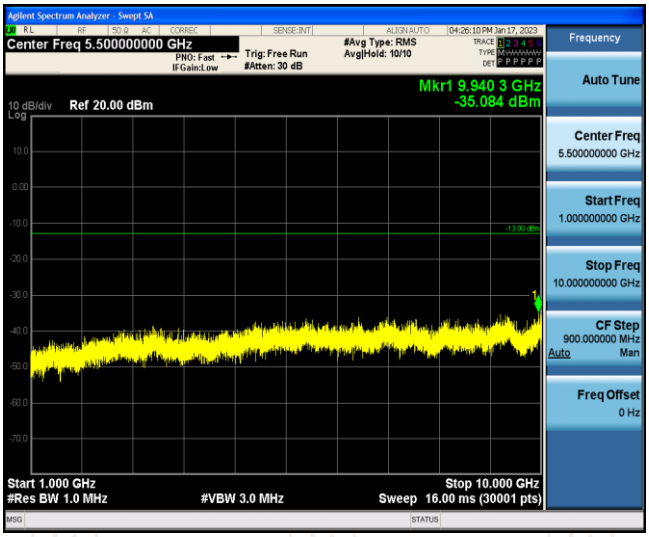
Band71-5MHz-16QAM-133447-1RB#0-Range2:1000~10000MHz



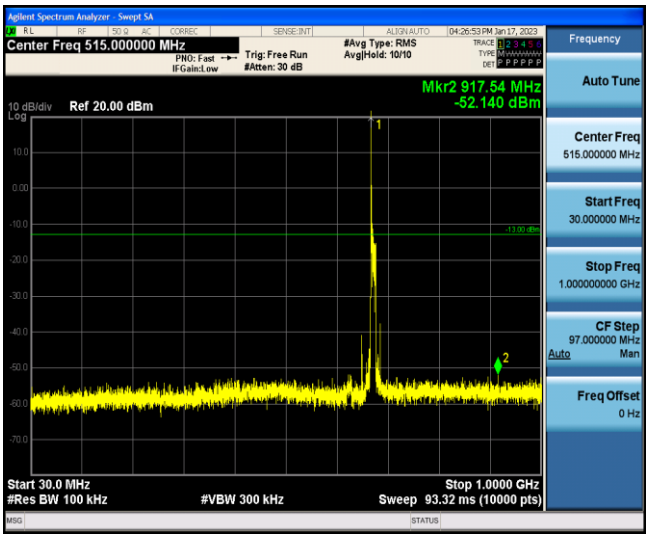
Band71-10MHz-QPSK-133172-1RB#0-Range1:30~1000MHz



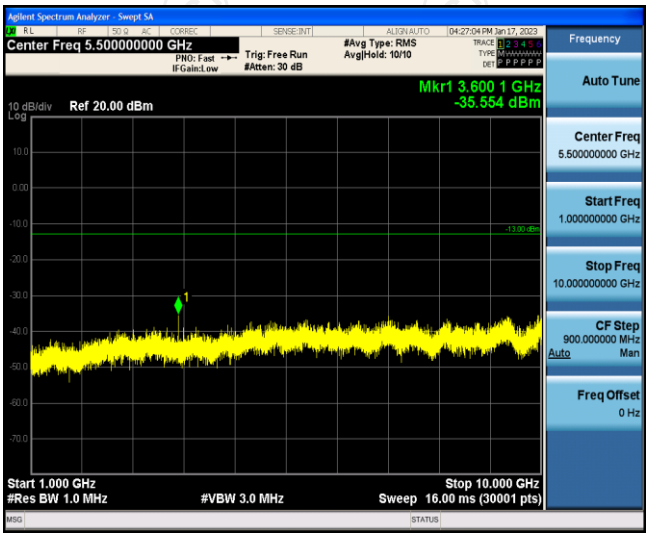
Band71-10MHz-QPSK-133172-1RB#0-Range2:1000~10000MHz



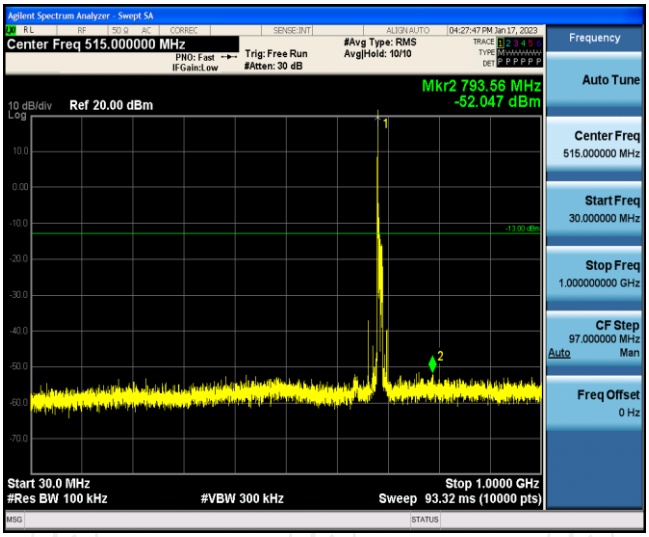
Band71-10MHz-QPSK-133297-1RB#0-Range1:30~1000MHz



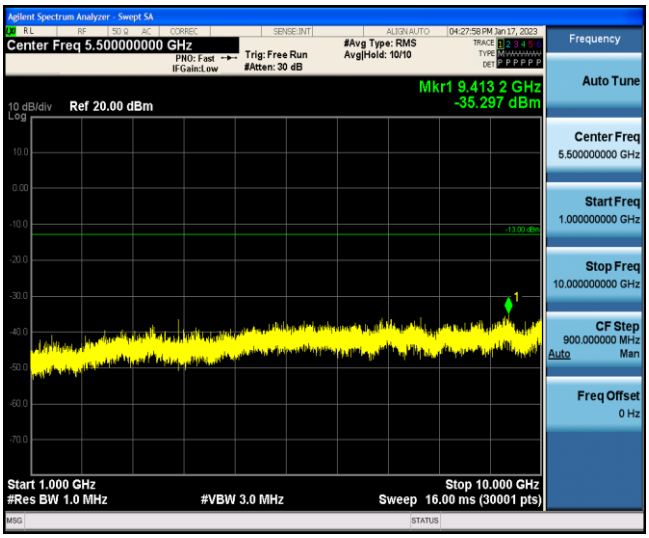
Band71-10MHz-QPSK-133297-1RB#0-Range2:1000~10000MHz



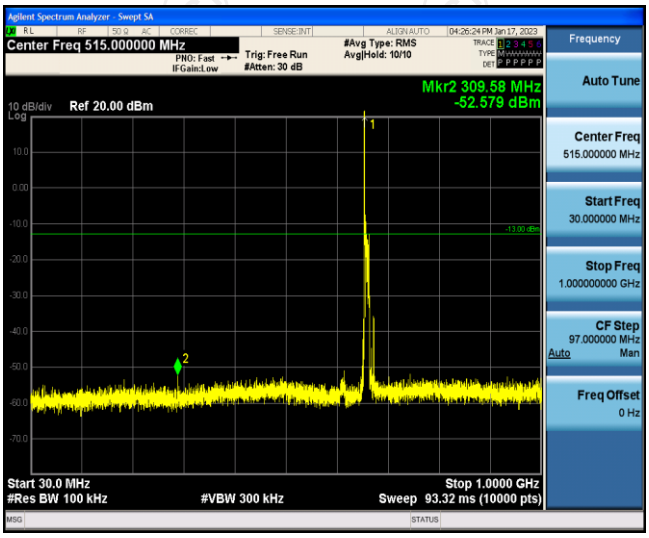
Band71-10MHz-QPSK-133422-1RB#0-Range1:30~1000MHz



Band71-10MHz-QPSK-133422-1RB#0-Range2:1000~10000MHz



Band71-10MHz-16QAM-133172-1RB#0-Range1:30~1000MHz



Band71-10MHz-16QAM-133172-1RB#0-Range2:1000~10000MHz