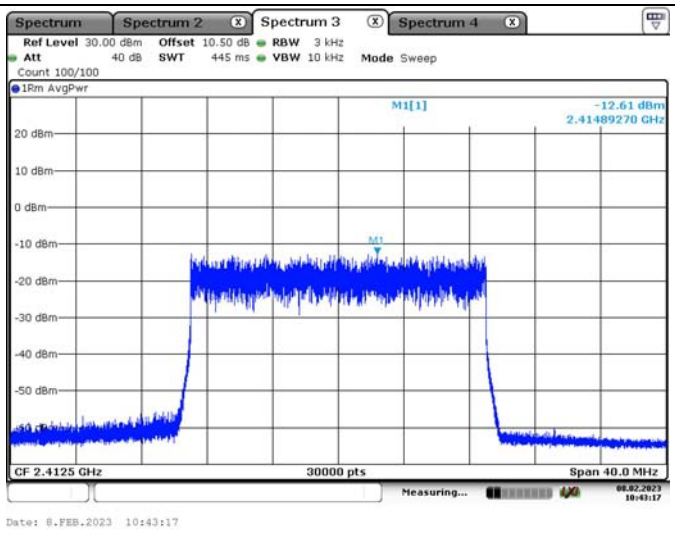
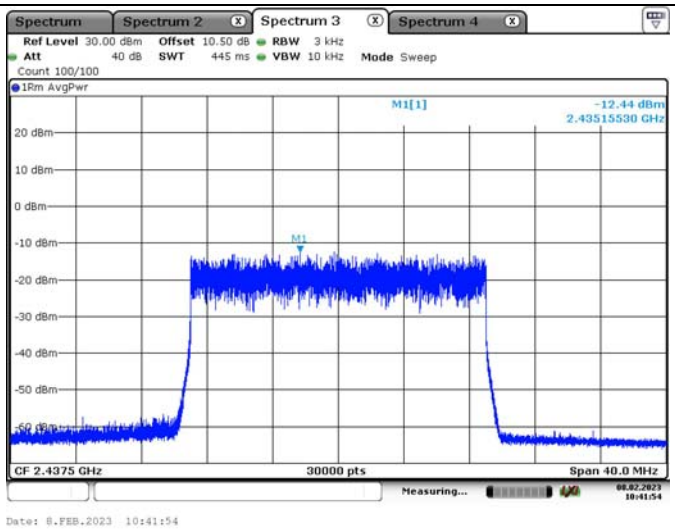
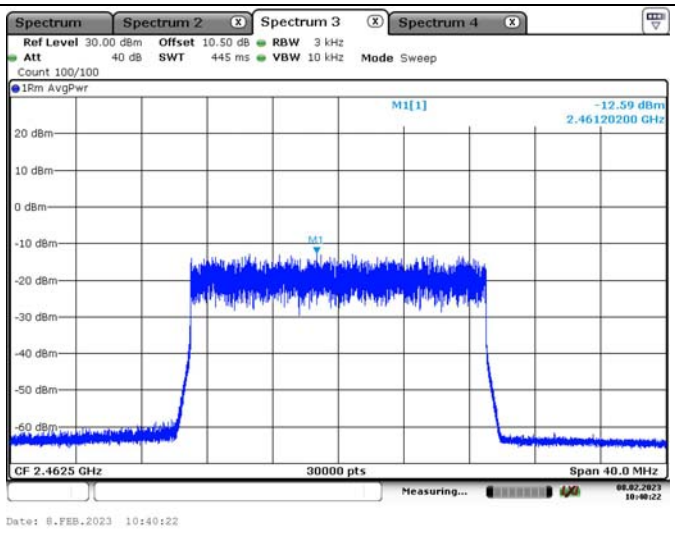
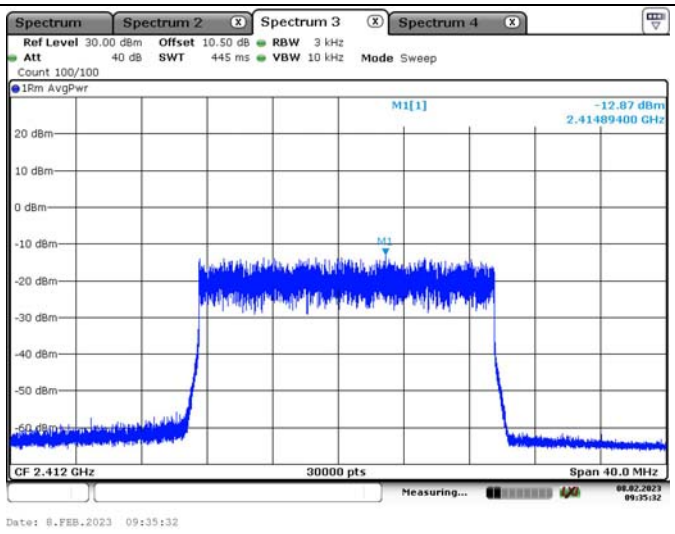
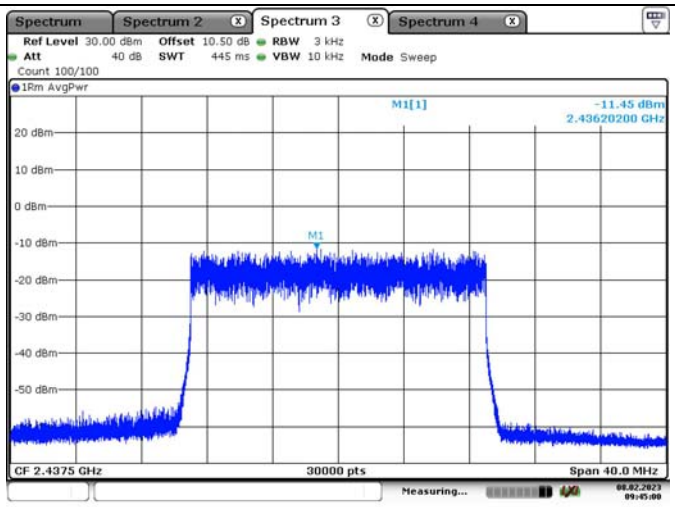
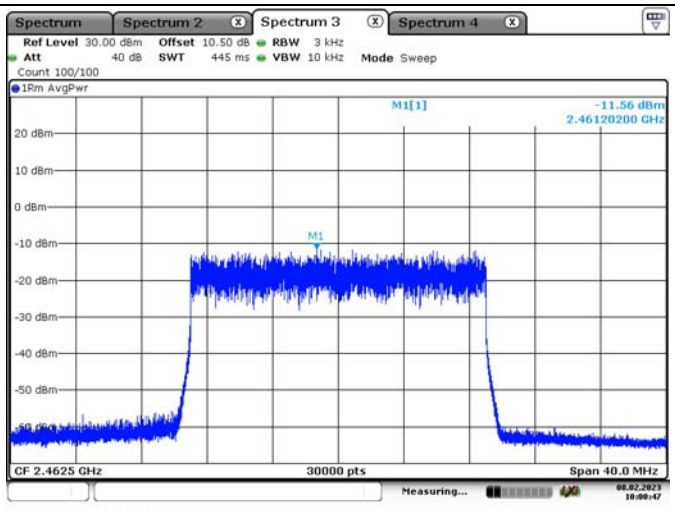
Power Spectral Density	
20MHz,QPSK Lowest Channel	
20MHz, QPSK Middle Channel	
20MHz,QPSK Highest Channel	

Power Spectral Density	
20MHz,16QAM Lowest Channel	
20MHz, 16QAM Middle Channel	
20MHz, 16QAM Highest Channel	

4.7 100 kHz Bandwidth of Frequency Band Edge:

Serial Number:	1QAT-13	Test Date:	2023/3/9
Test Site:	RF	Test Mode:	Transmitting
Tester:	Julie Tan	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	23.2	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.8

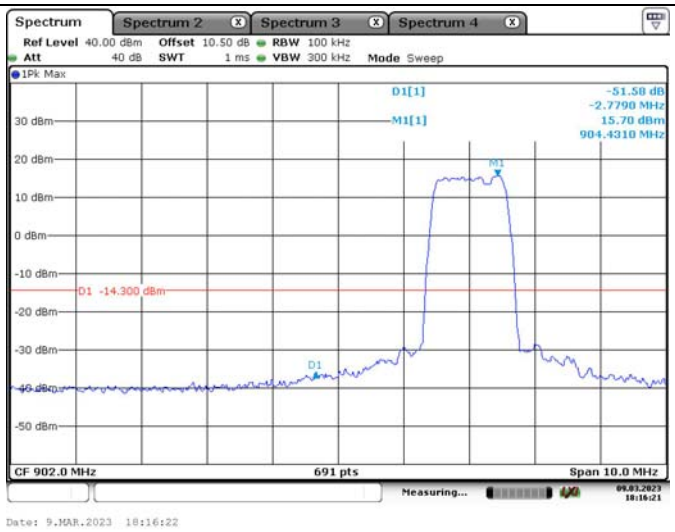
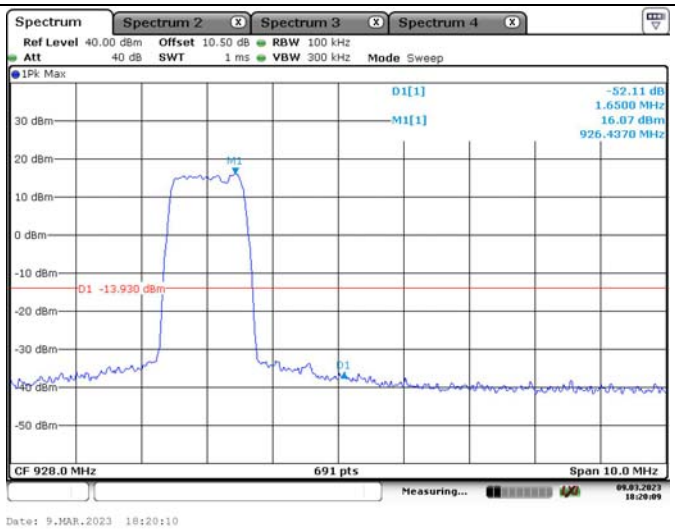
Test Equipment List and Details:

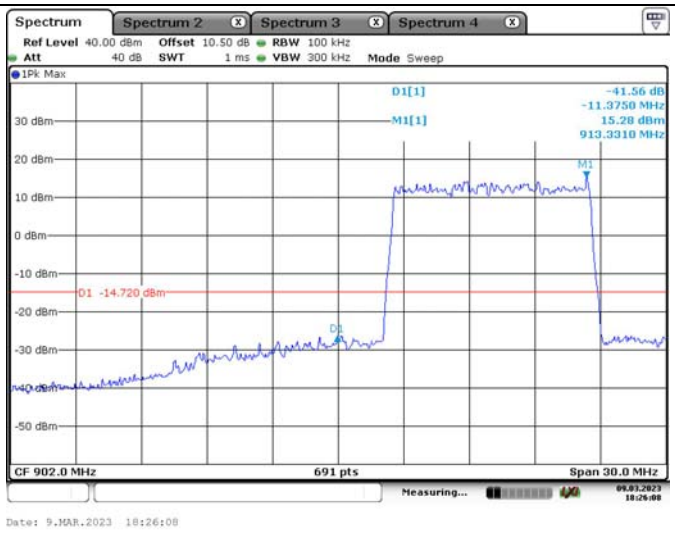
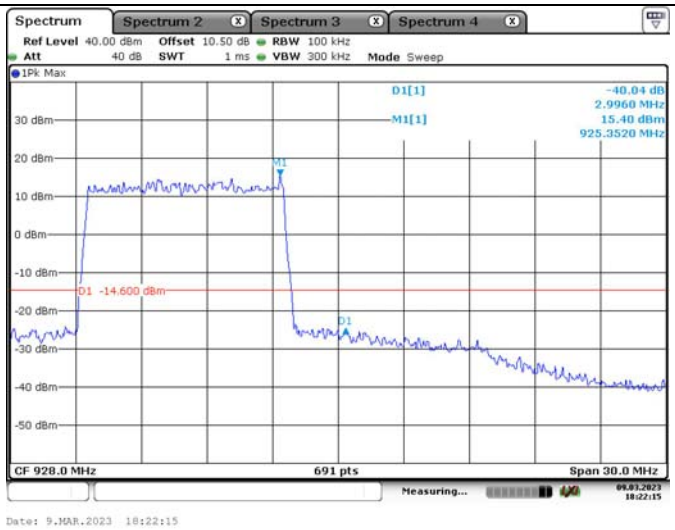
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2022/07/25	2023/07/24
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A

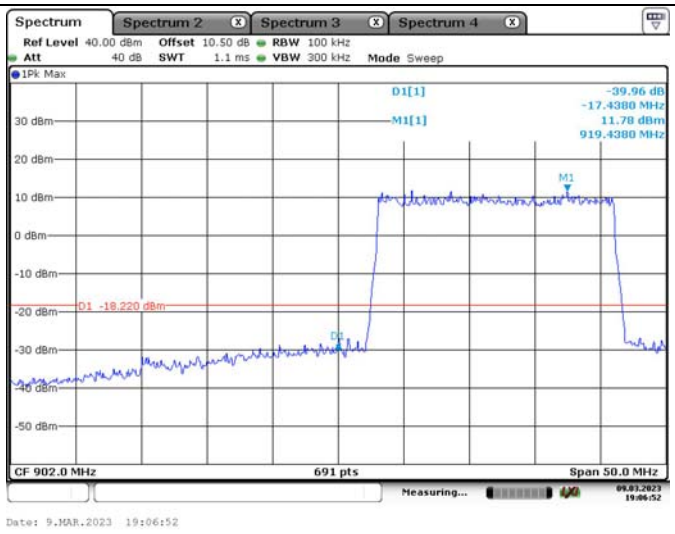
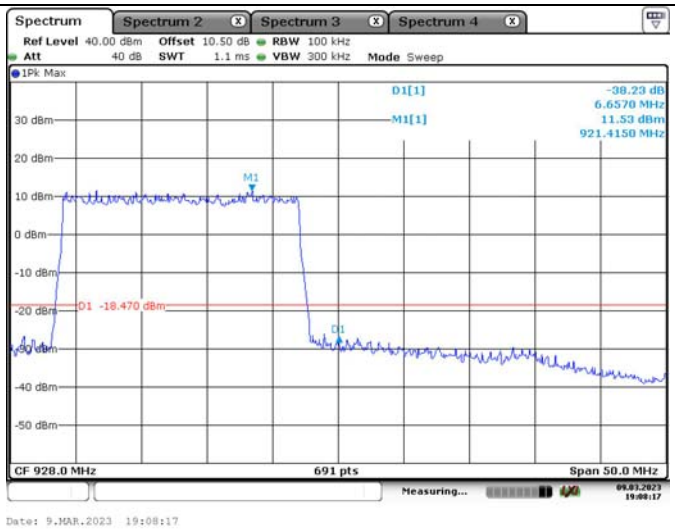
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

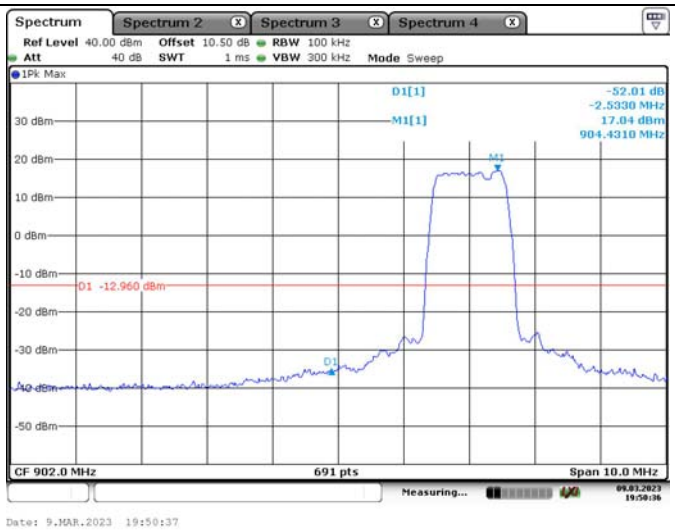
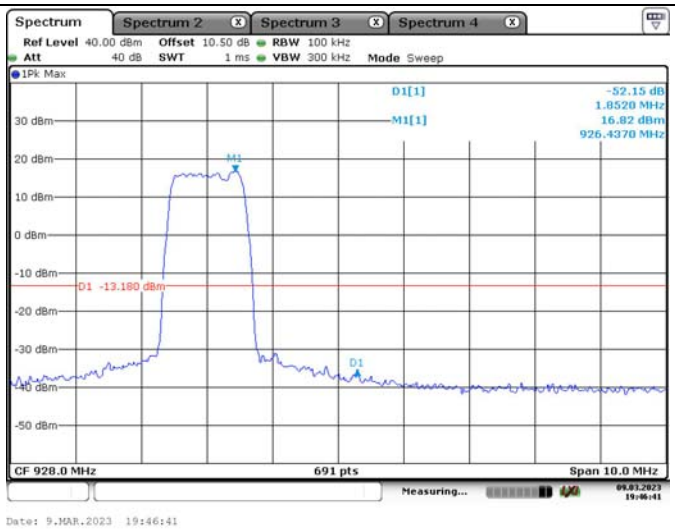
Test Data:

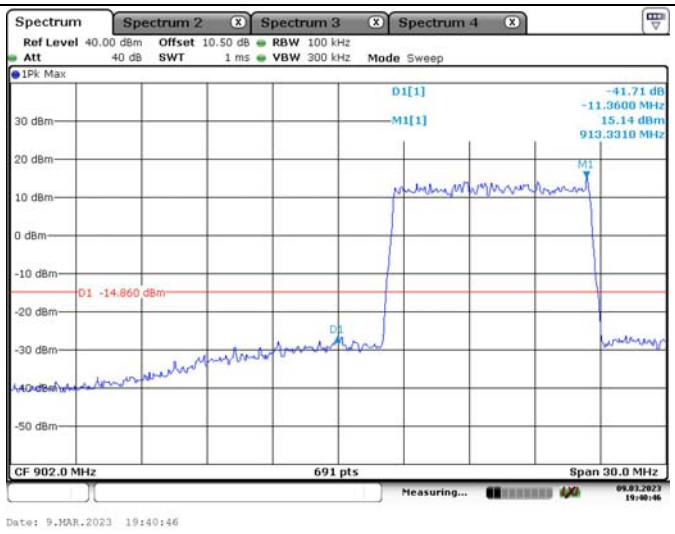
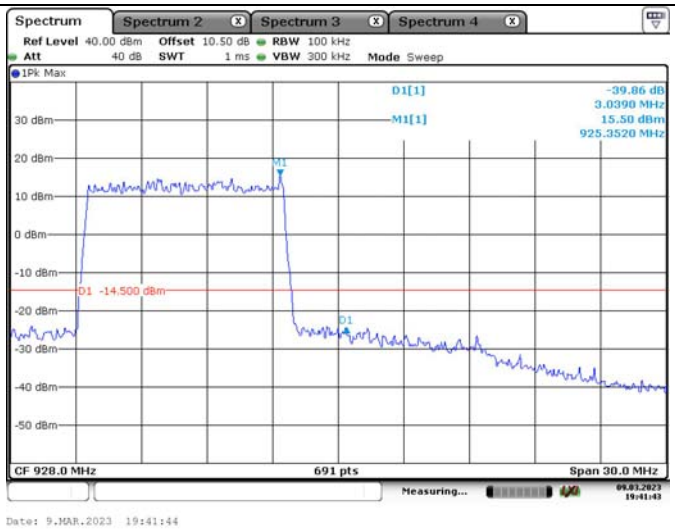
Chain 0

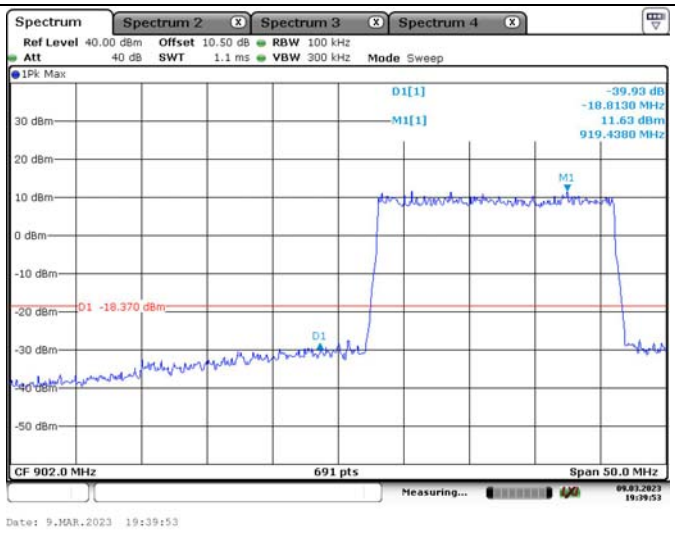
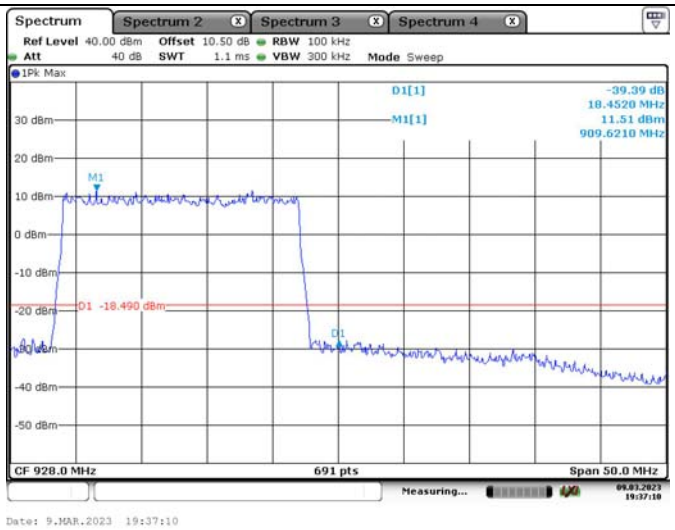
100 kHz Bandwidth of Frequency Band Edge	
1.4M, QPSK Lowest Band edge	
1.4M, QPSK Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
10MHz, QPSK Lowest Band edge	
10MHz, QPSK Highest Band edge	

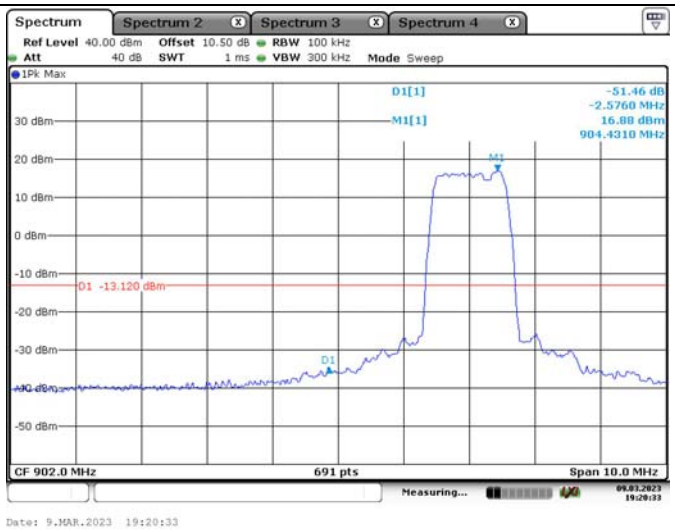
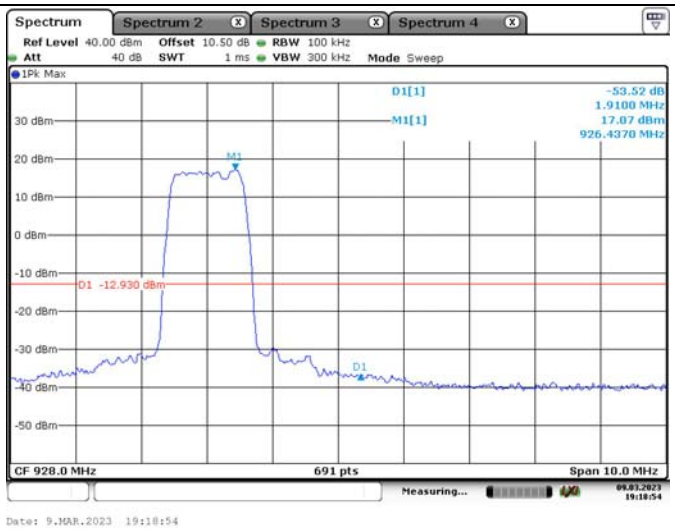
100 kHz Bandwidth of Frequency Band Edge	
20MHz, QPSK Lowest Band edge	
20MHz, QPSK Highest Band edge	

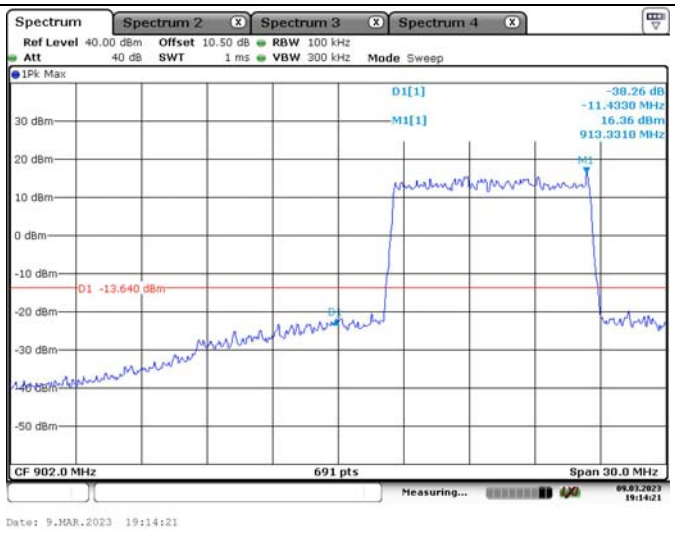
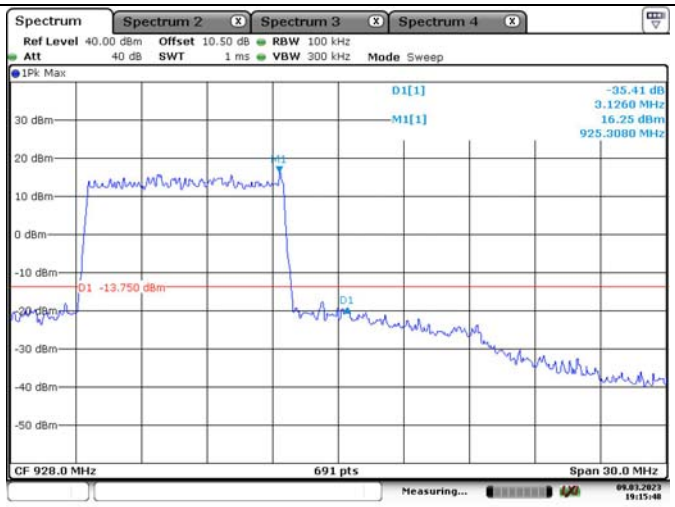
100 kHz Bandwidth of Frequency Band Edge	
1.4MHz, 16QAM Lowest Band edge	
1.4MHz, 16QAM Highest Band edge	

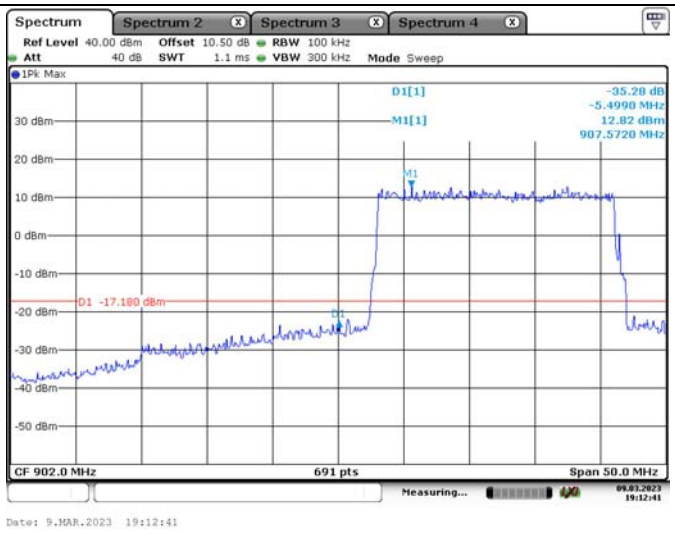
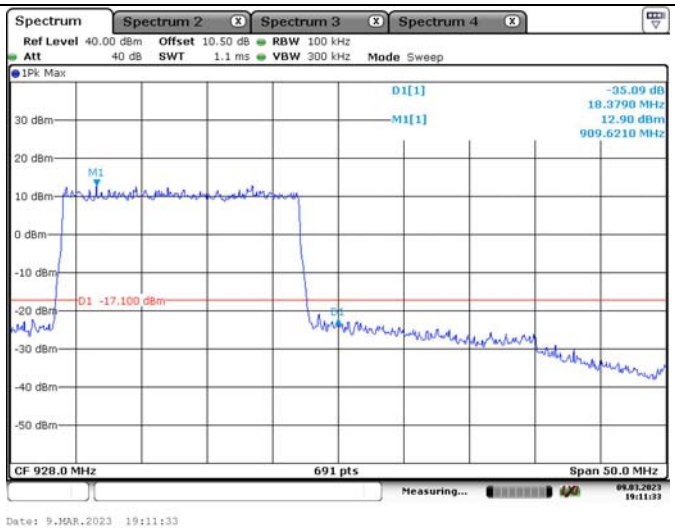
100 kHz Bandwidth of Frequency Band Edge	
10MHz, 16QAM Lowest Band edge	
10MHz, 16QAM Highest Band edge	

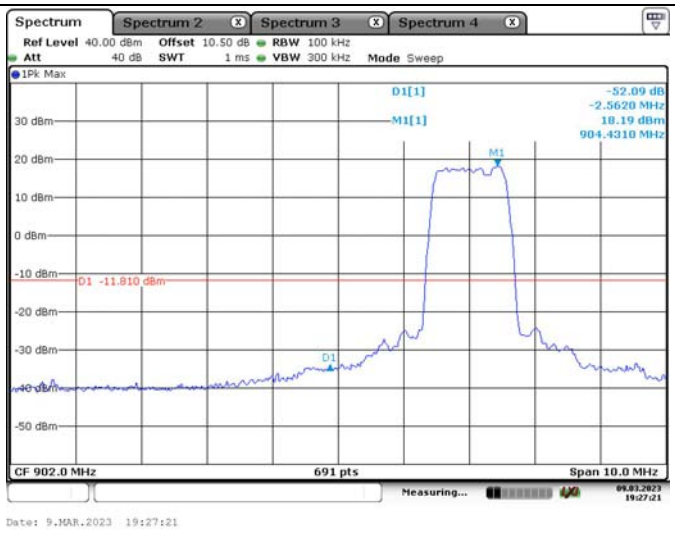
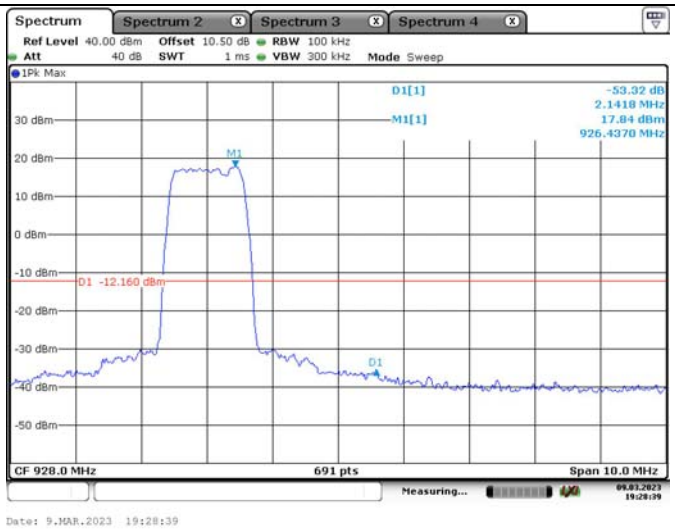
100 kHz Bandwidth of Frequency Band Edge	
20MHz, 16QAM Lowest Band edge	
20MHz, 16QAM Highest Band edge	

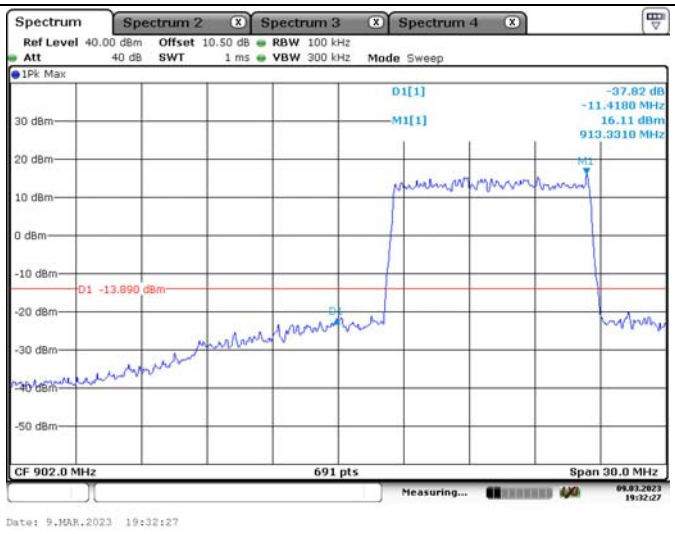
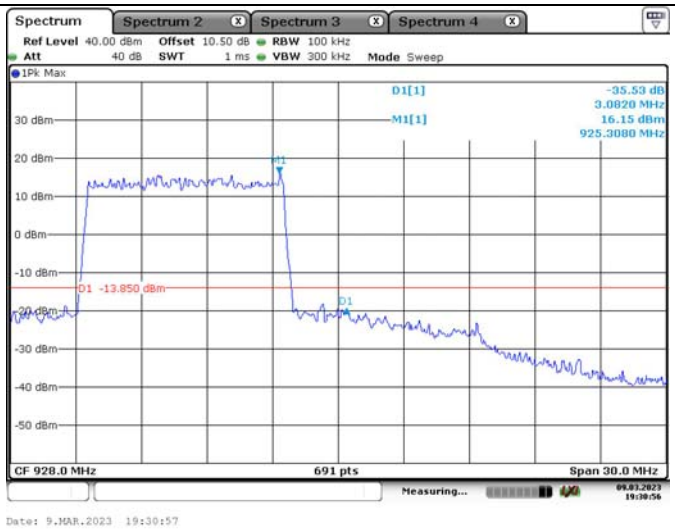
Chain 2:

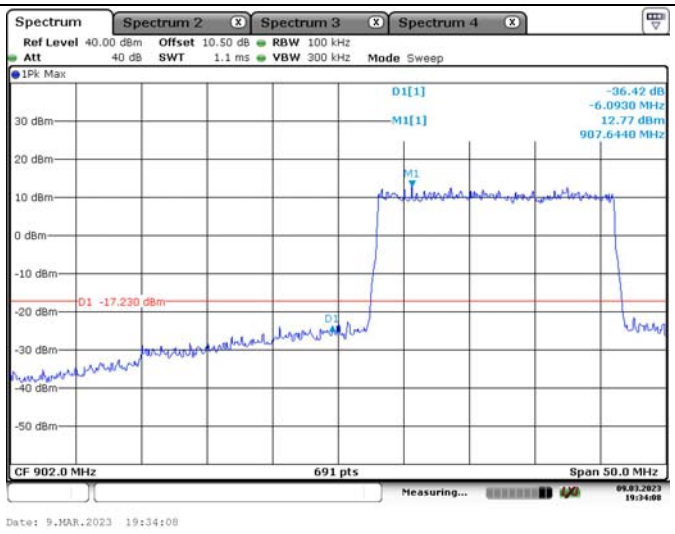
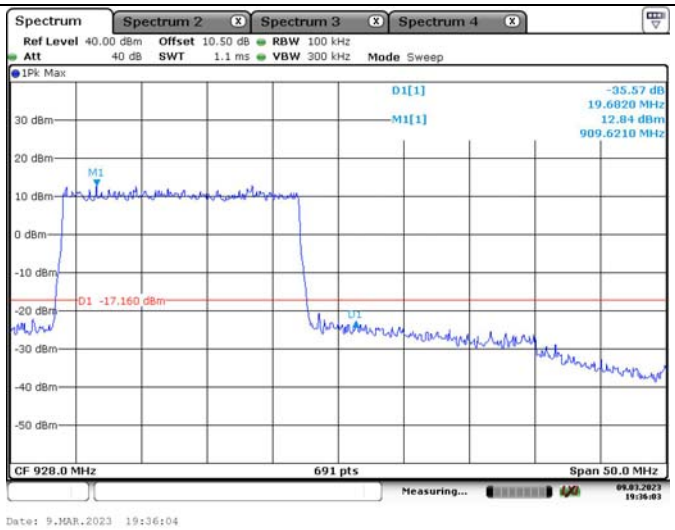
100 kHz Bandwidth of Frequency Band Edge	
1.4MHz, QPSK Lowest Band edge	
1.4MHz, QPSK Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
10MHz, QPSK Lowest Band edge	
10MHz, QPSK Highest Band edge	

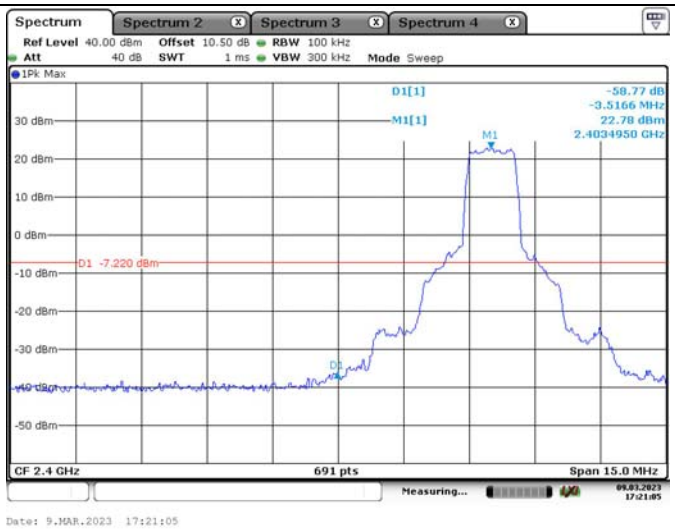
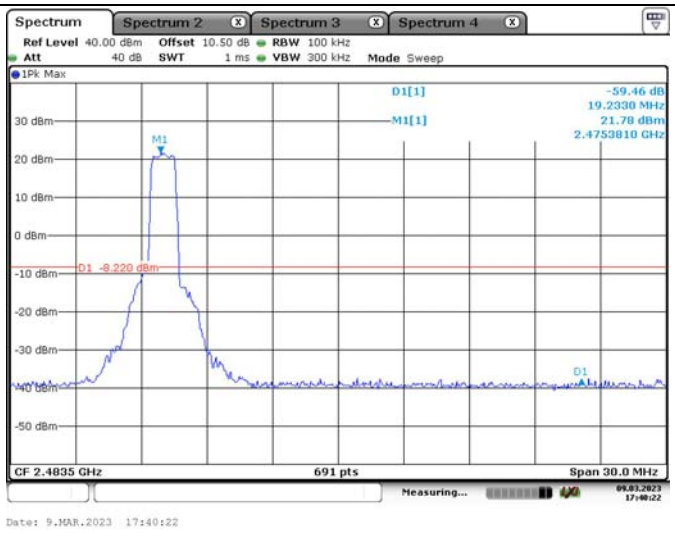
100 kHz Bandwidth of Frequency Band Edge	
20MHz, QPSK Lowest Band edge	
20MHz, QPSK Highest Band edge	

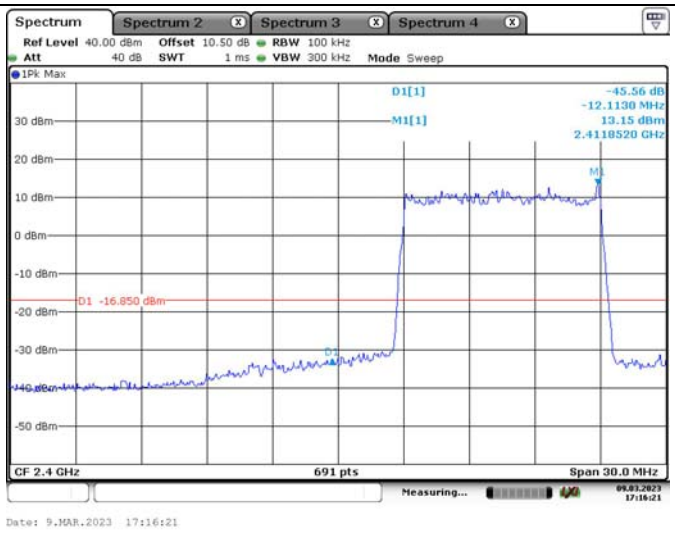
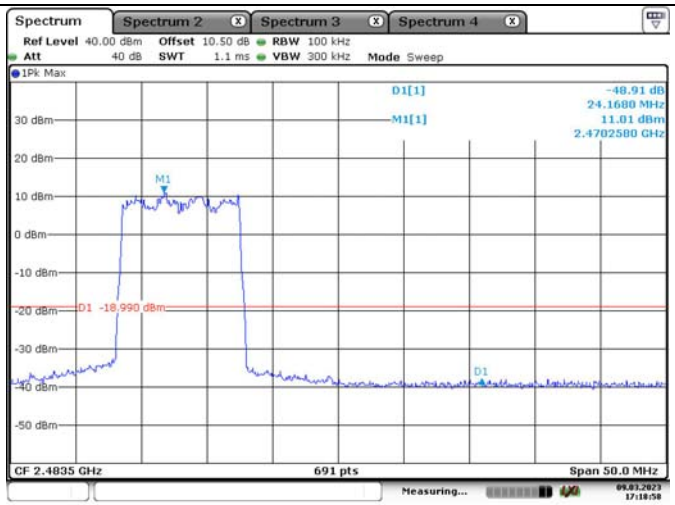
100 kHz Bandwidth of Frequency Band Edge	
1.4MHz, 16QAM Lowest Band edge	
1.4MHz, 16QAM Highest Band edge	

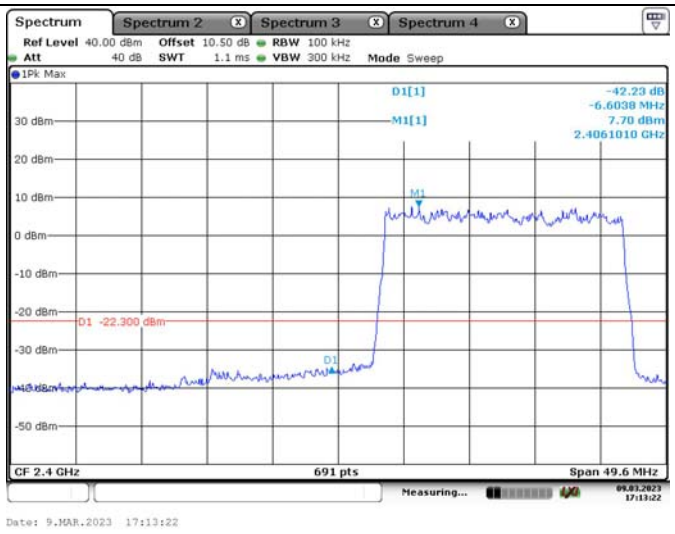
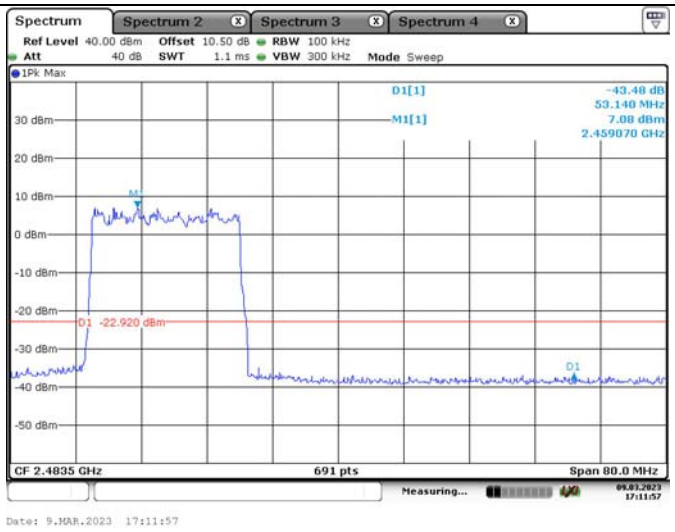
100 kHz Bandwidth of Frequency Band Edge	
10MHz, 16QAM Lowest Band edge	
10MHz, 16QAM Highest Band edge	

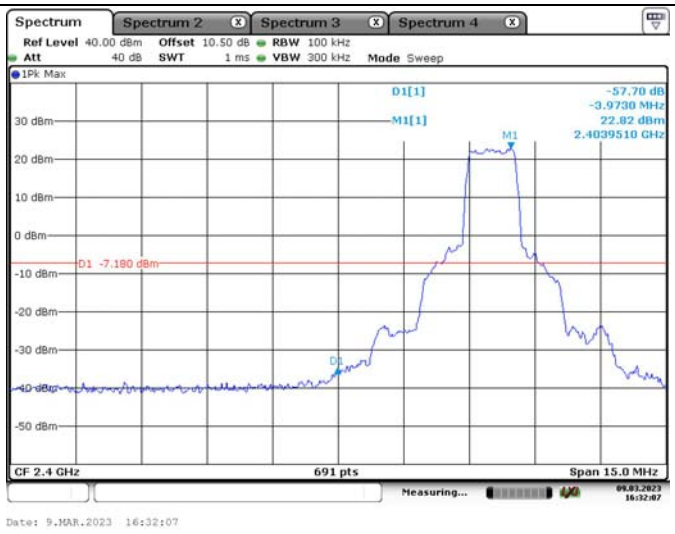
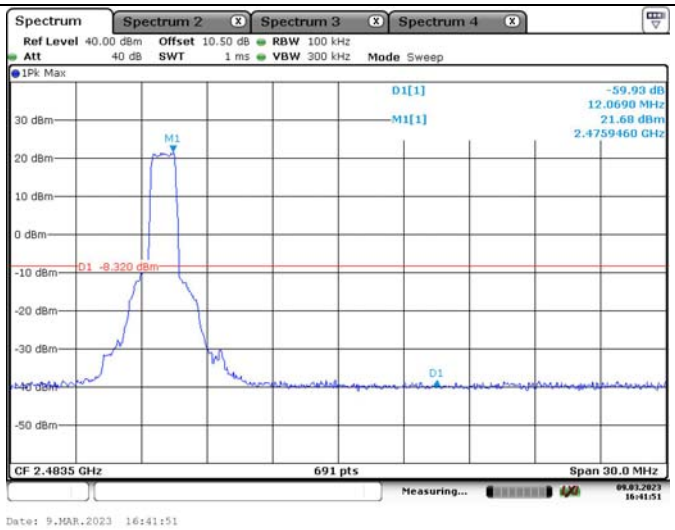
100 kHz Bandwidth of Frequency Band Edge	
20MHz, 16QAM Lowest Band edge	
20MHz, 16QAM Highest Band edge	

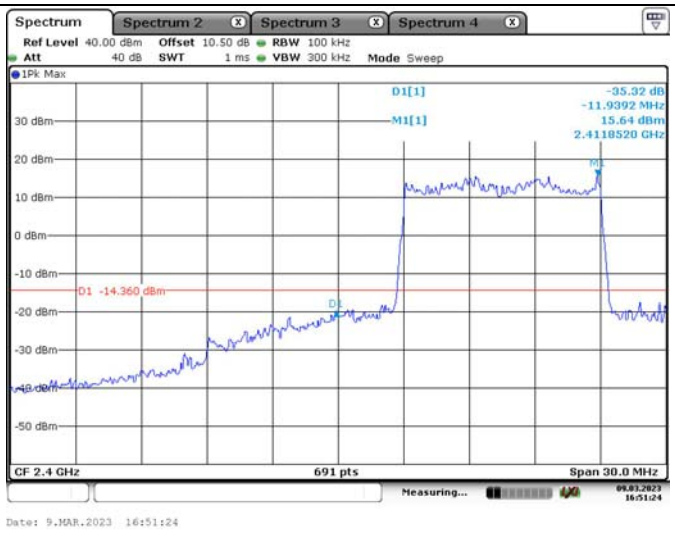
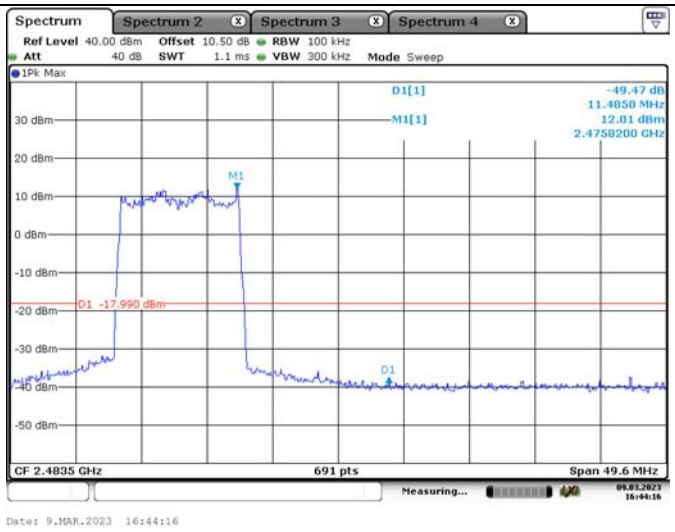
2.4GHz Band:
Chain 0

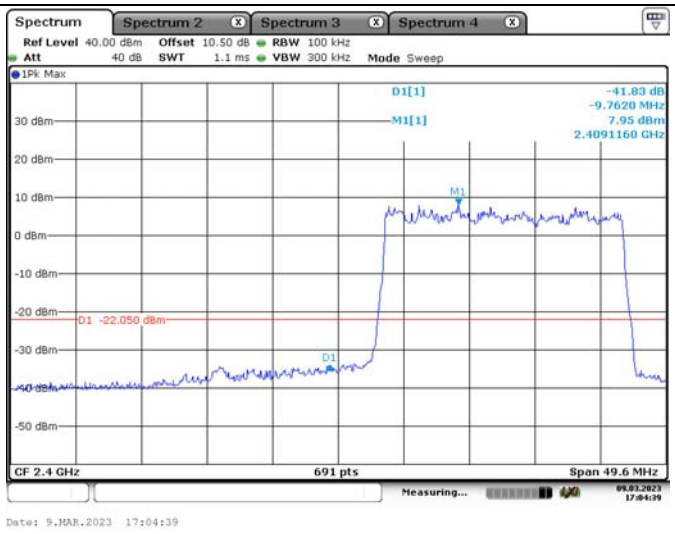
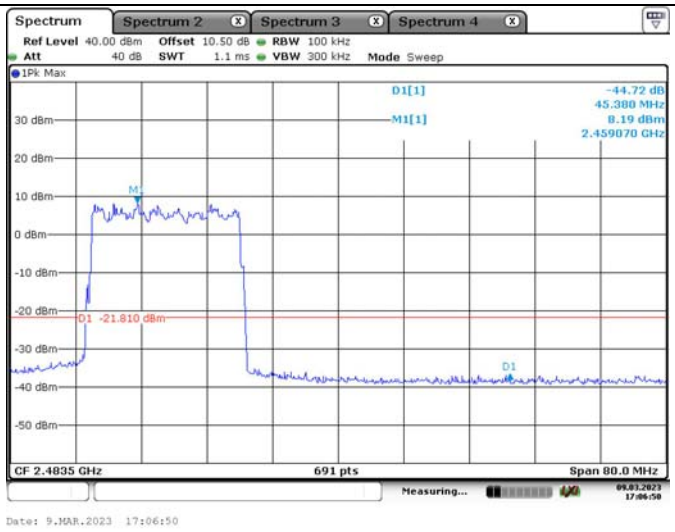
100 kHz Bandwidth of Frequency Band Edge	
1.4M, QPSK Lowest Band edge	
1.4M, QPSK Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
10MHz, QPSK Lowest Band edge	
10MHz, QPSK Highest Band edge	

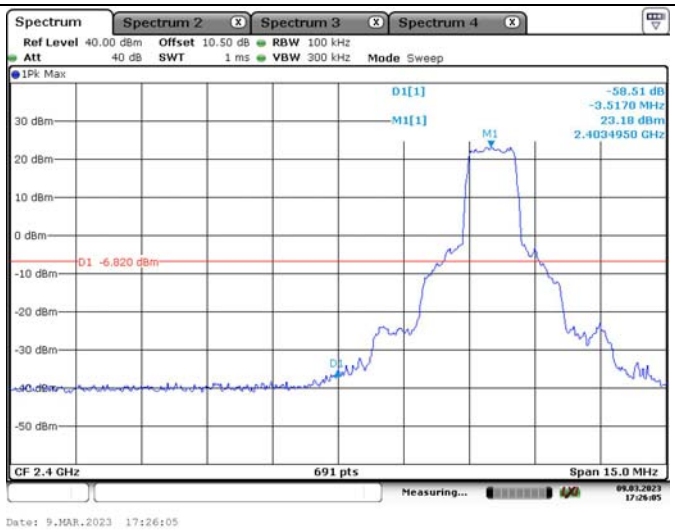
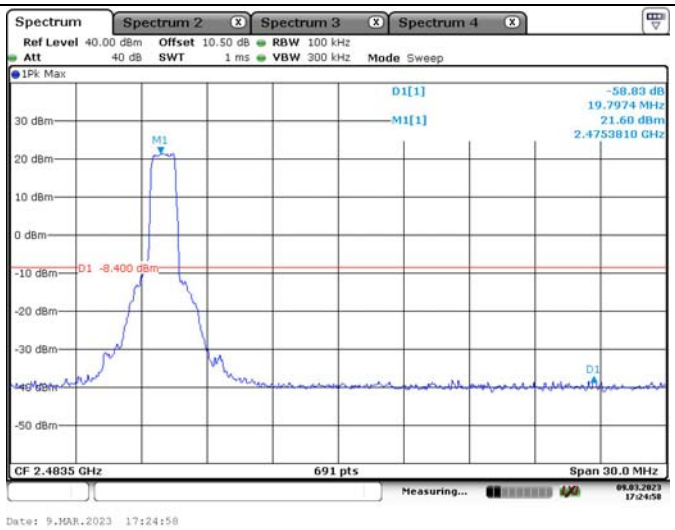
100 kHz Bandwidth of Frequency Band Edge	
20MHz, QPSK Lowest Band edge	
20MHz, QPSK Highest Band edge	

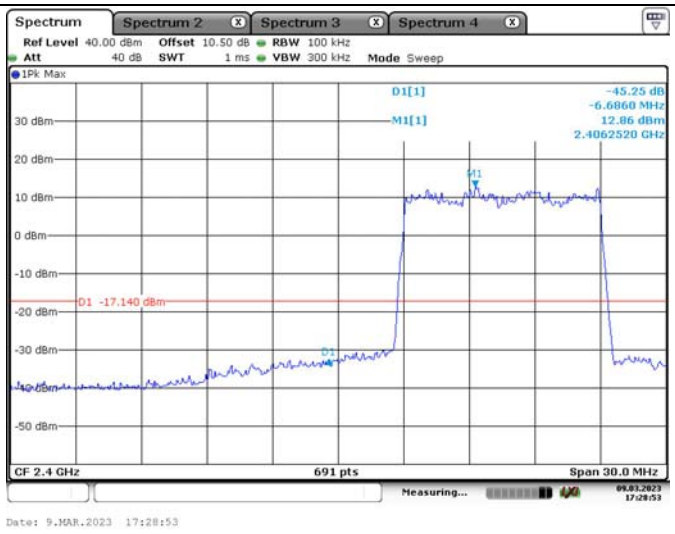
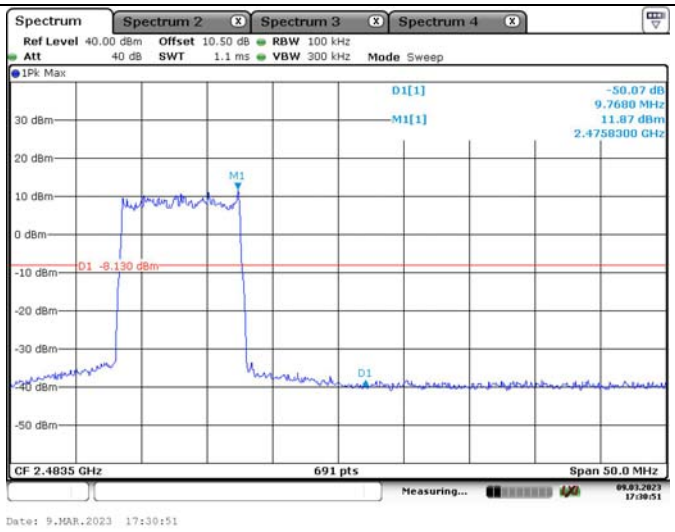
100 kHz Bandwidth of Frequency Band Edge	
1.4MHz, 16QAM Lowest Band edge	
1.4MHz, 16QAM Highest Band edge	

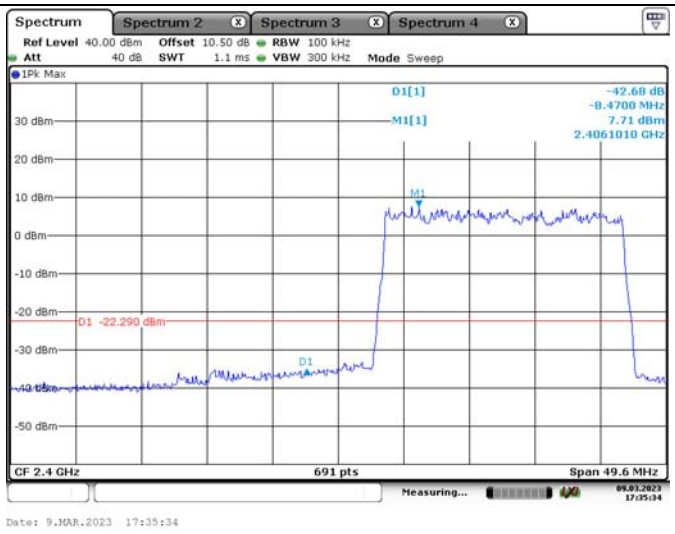
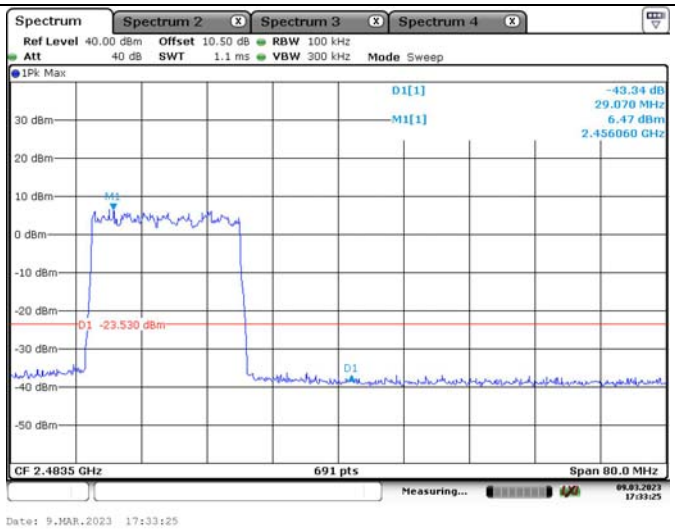
100 kHz Bandwidth of Frequency Band Edge	
10MHz, 16QAM Lowest Band edge	
10MHz, 16QAM Highest Band edge	

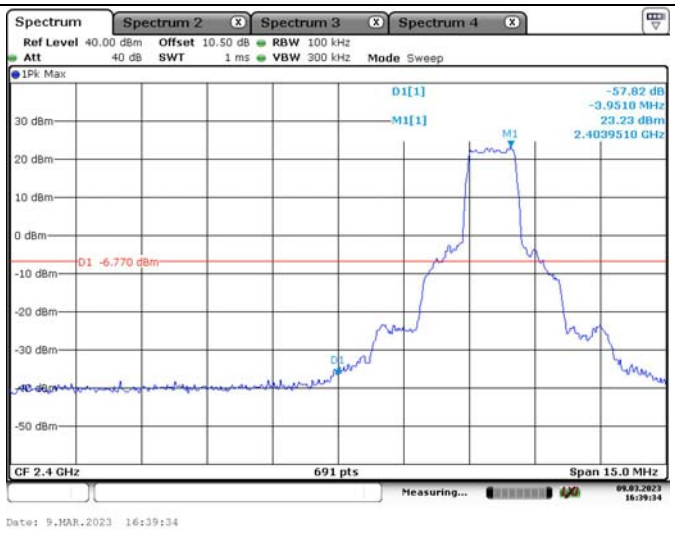
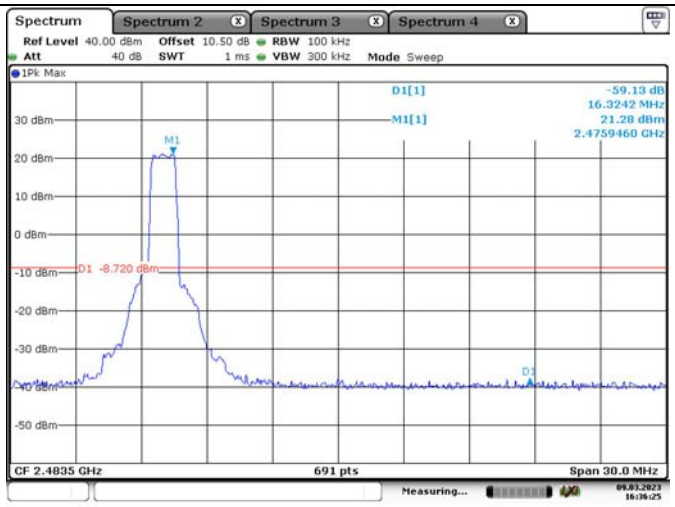
100 kHz Bandwidth of Frequency Band Edge	
20MHz, 16QAM Lowest Band edge	
20MHz, 16QAM Highest Band edge	

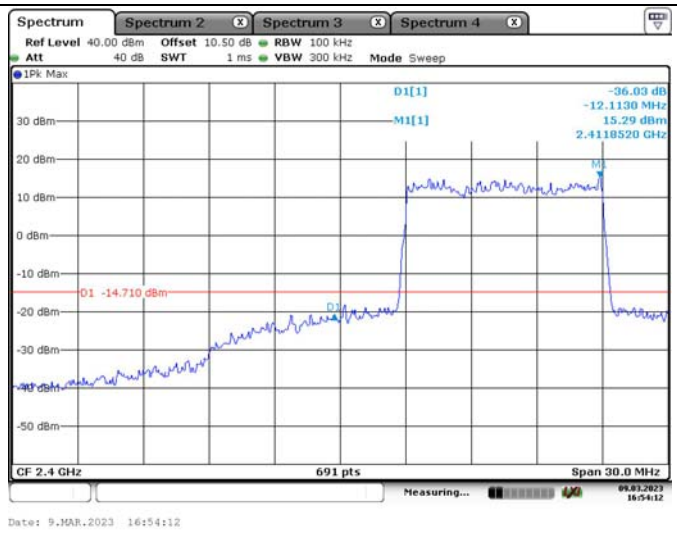
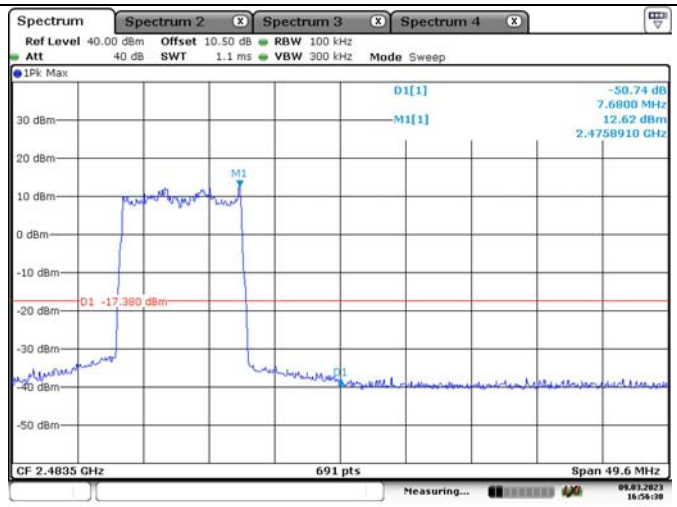
Chain 2:

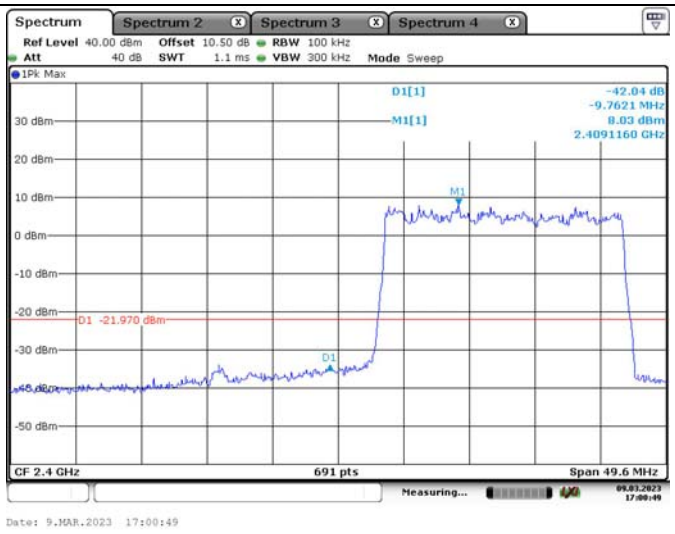
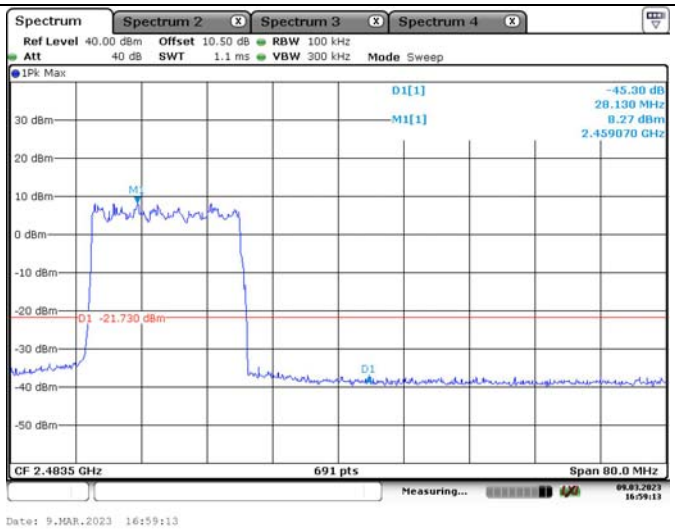
100 kHz Bandwidth of Frequency Band Edge	
1.4MHz, QPSK Lowest Band edge	
1.4MHz, QPSK Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
10MHz, QPSK Lowest Band edge	
10MHz, QPSK Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
20MHz, QPSK Lowest Band edge	
20MHz, QPSK Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
1.4MHz, 16QAM Lowest Band edge	
1.4MHz, 16QAM Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
10MHz, 16QAM Lowest Band edge	
10MHz, 16QAM Highest Band edge	

100 kHz Bandwidth of Frequency Band Edge	
20MHz, 16QAM Lowest Band edge	
20MHz, 16QAM Highest Band edge	

4.8 Duty Cycle:

Serial Number:	1QAT-13	Test Date:	2023/2/7~2023/2/8
Test Site:	RF	Test Mode:	Transmitting
Tester:	Julie Tan	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	21.3	Relative Humidity: (%)	65	ATM Pressure: (kPa)	101.5

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2022/07/25	2023/07/24
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A

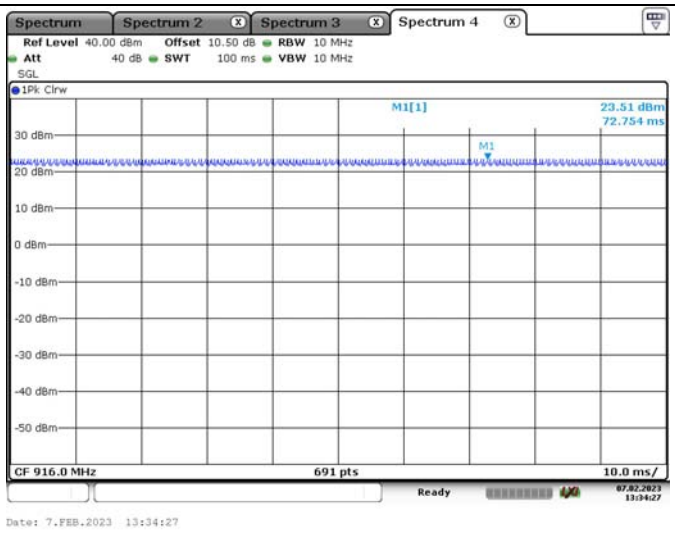
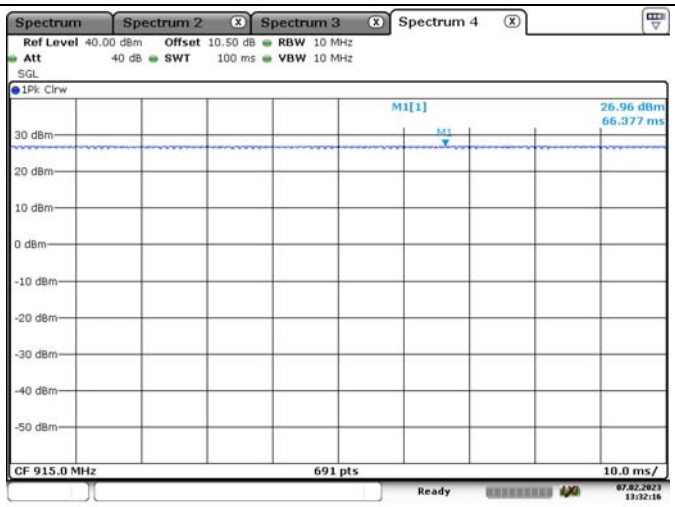
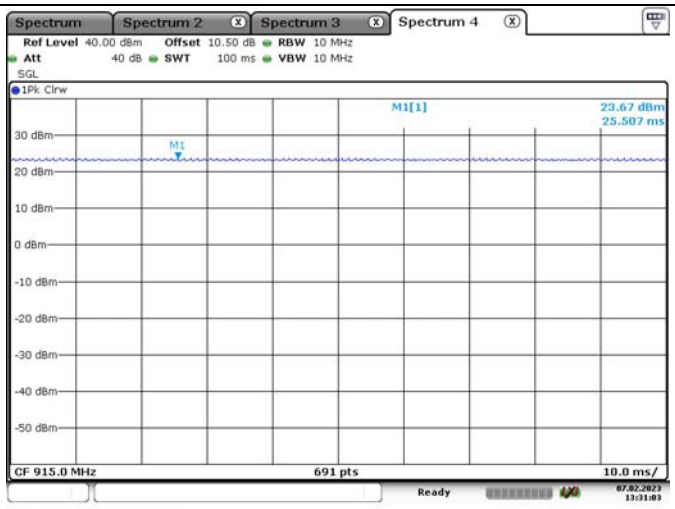
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

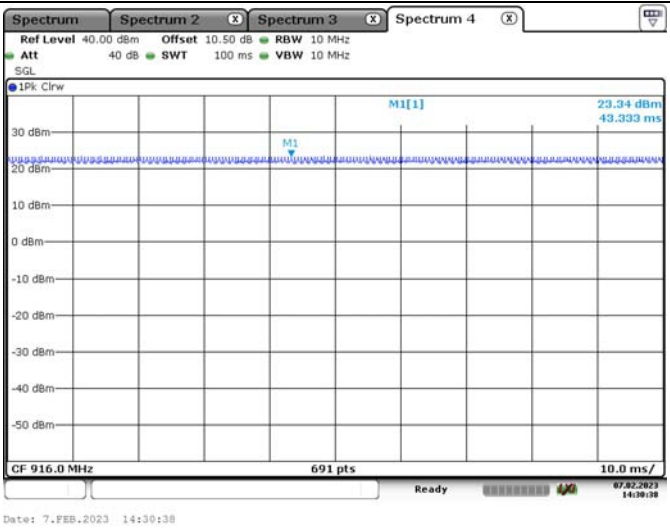
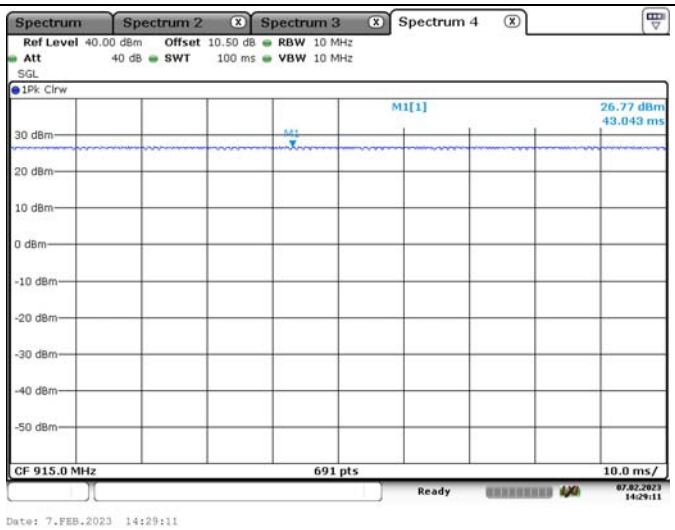
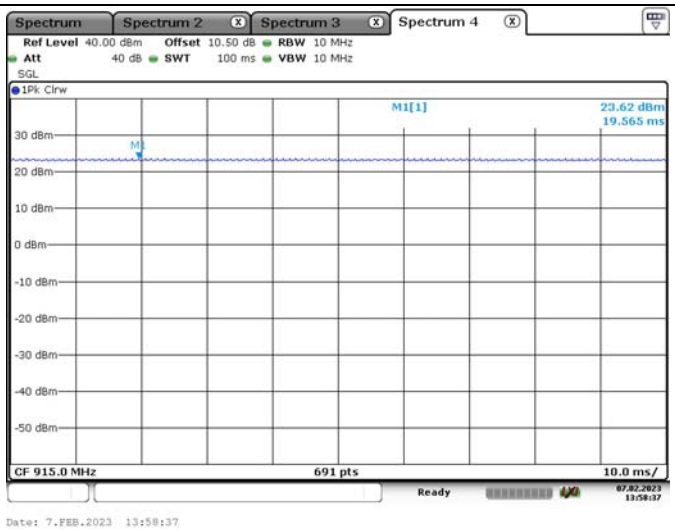
Test only was performed at chain 0, please refer to the following table and plots:

Operation Band	Test Modes	Ton (ms)	Ton+off (ms)	Duty cycle (%)
900MHz	QPSK,1.4MHz	100	100	100.00
	QPSK,10MHz	100	100	100.00
	QPSK,20MHz	100	100	100.00
	16QAM,1.4MHz	100	100	100.00
	16QAM,10MHz	100	100	100.00
	16QAM,20MHz	100	100	100.00
2.4GHz	QPSK,1.4MHz	100	100	100.00
	QPSK,10MHz	100	100	100.00
	QPSK,20MHz	100	100	100.00
	16QAM,1.4MHz	100	100	100.00
	16QAM,10MHz	100	100	100.00
	16QAM,20MHz	100	100	100.00

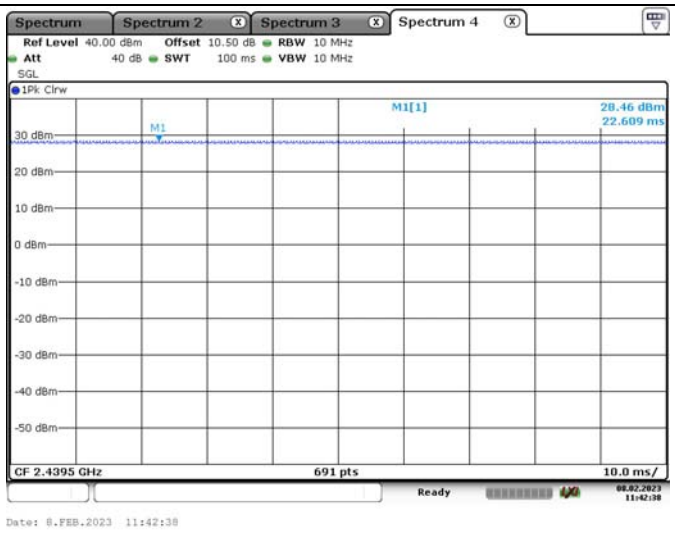
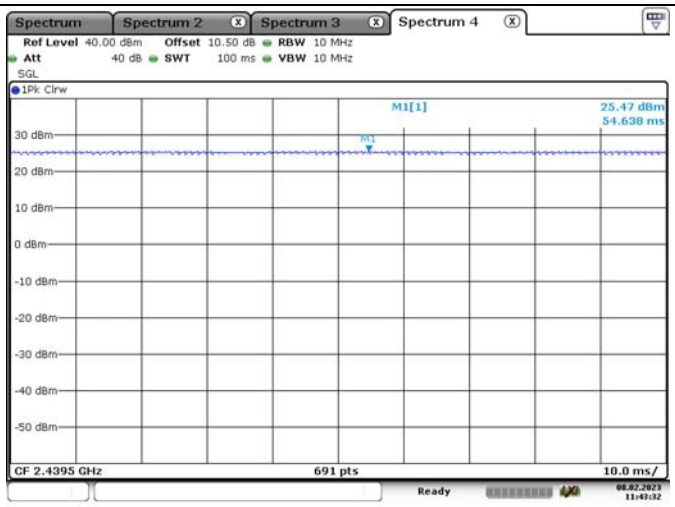
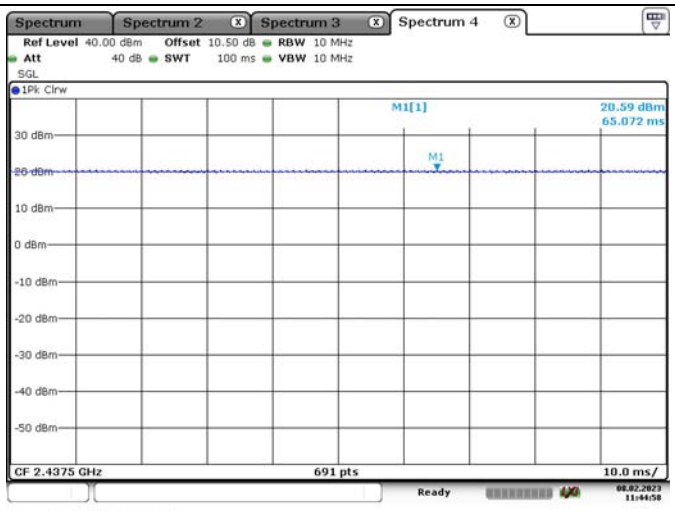
900MHz Band:
QPSK:

Duty Cycle	
1.4MHz	
10MHz	
20MHz	

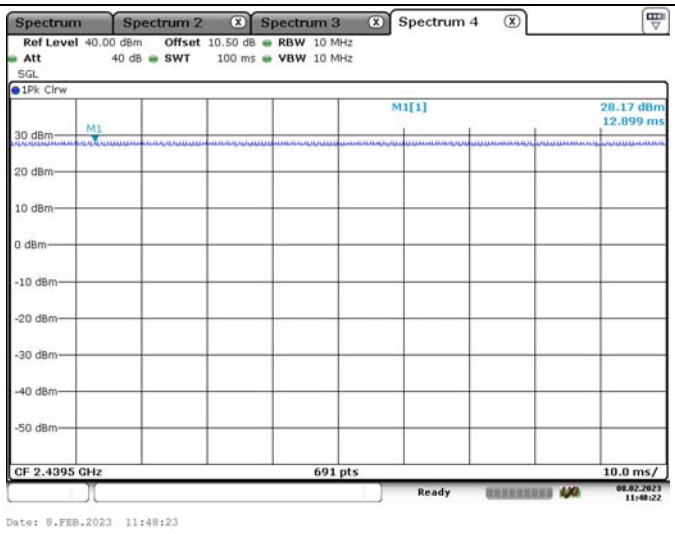
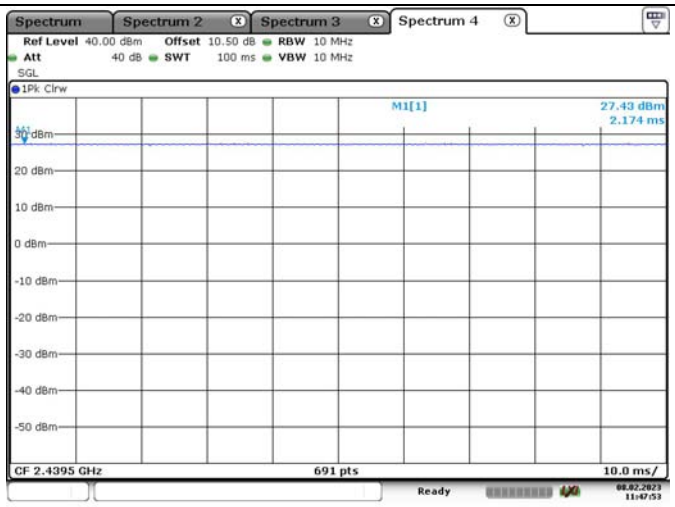
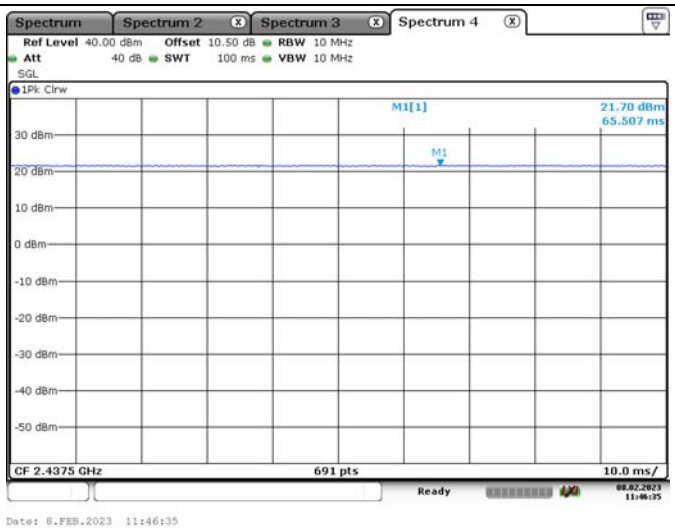
16QAM:

Duty Cycle	
1.4MHz	
10MHz	
20MHz	

2.4GHz Band:
QPSK:

Duty Cycle	
1.4MHz	
10MHz	
20MHz	

16QAM:

Duty Cycle	
1.4MHz	
10MHz	
20MHz	

===== END OF REPORT =====