

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: (°C)	23.2	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.8
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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

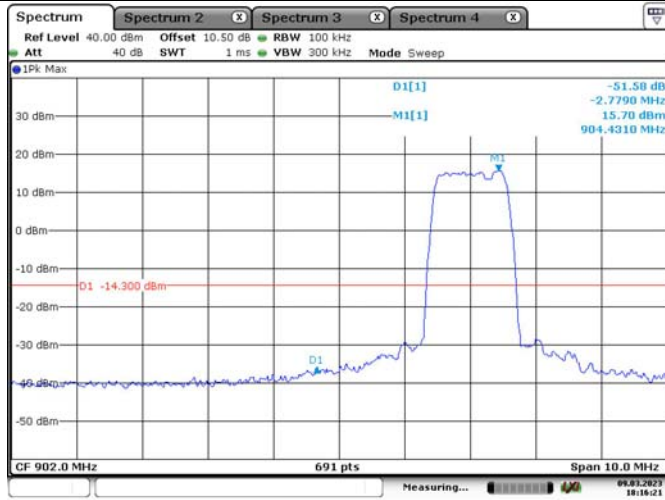
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

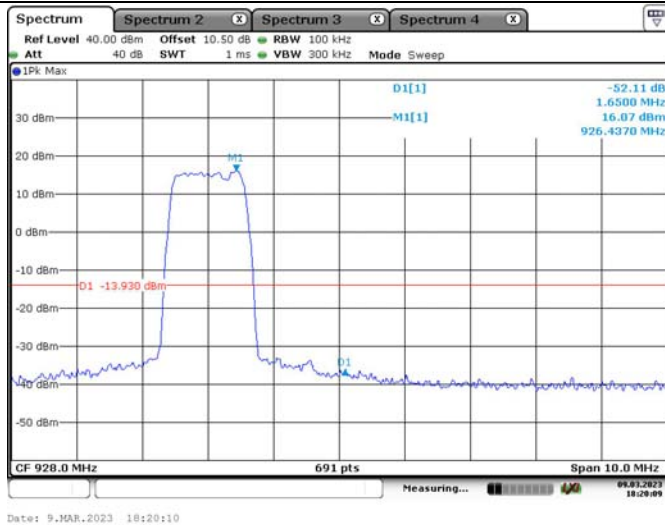
Chain 0

100 kHz Bandwidth of Frequency Band Edge

1.4M, QPSK
Lowest Band edge

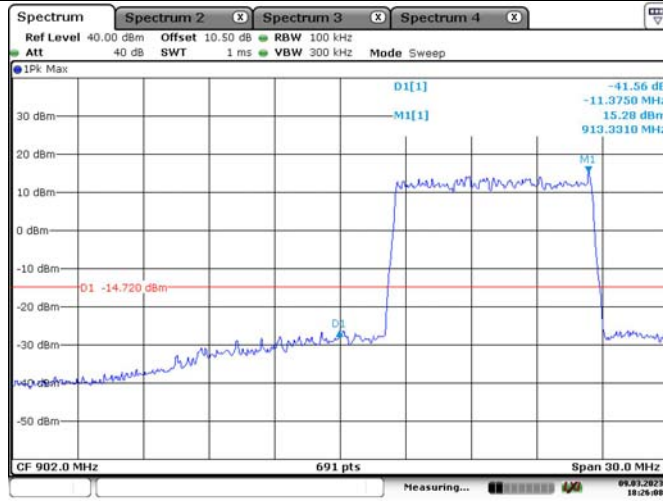


1.4M, QPSK
Highest Band edge

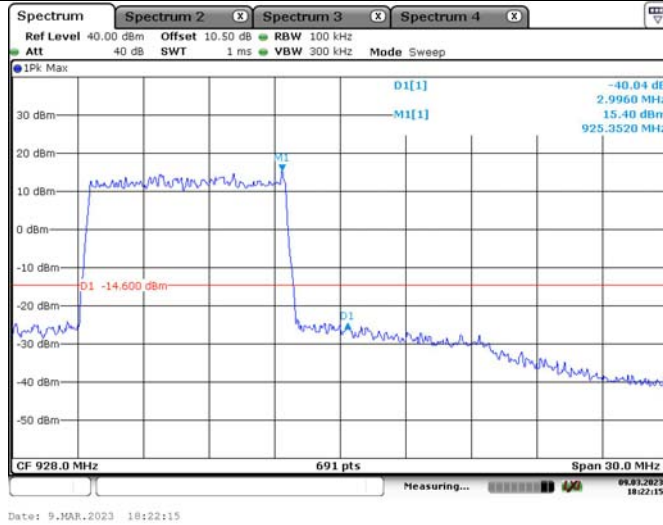


100 kHz Bandwidth of Frequency Band Edge

10MHz, QPSK
Lowest Band edge

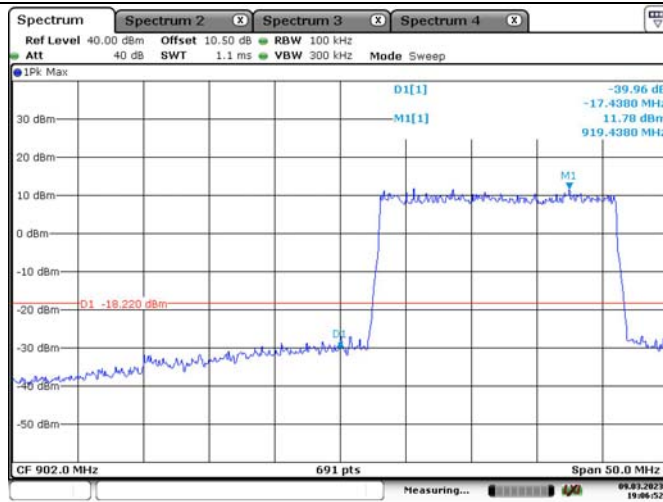


10MHz, QPSK
Highest Band edge

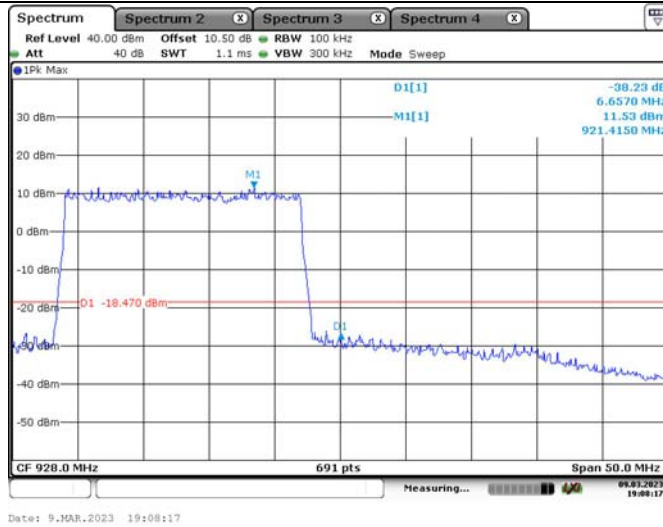


100 kHz Bandwidth of Frequency Band Edge

20MHz, QPSK
Lowest Band edge

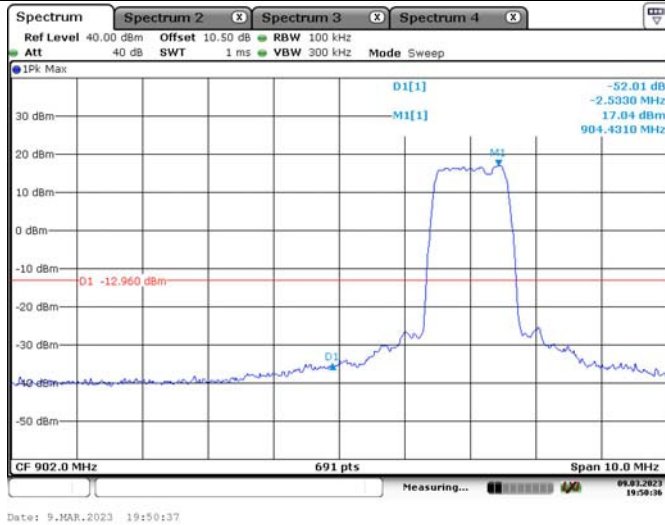


20MHz, QPSK
Highest Band edge

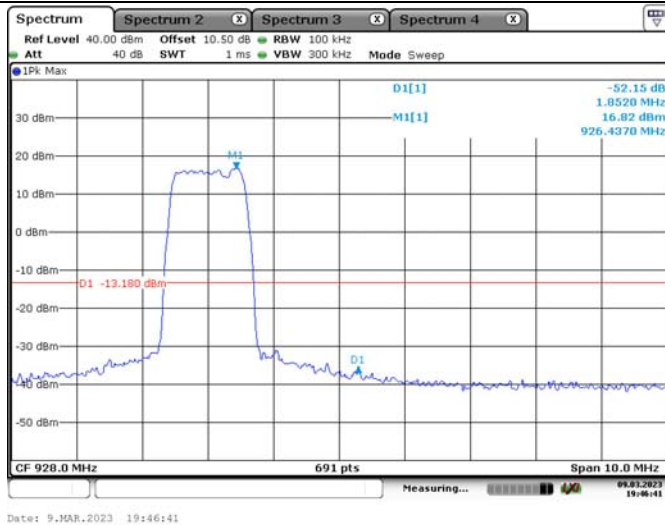


100 kHz Bandwidth of Frequency Band Edge

1.4MHz, 16QAM
Lowest Band edge

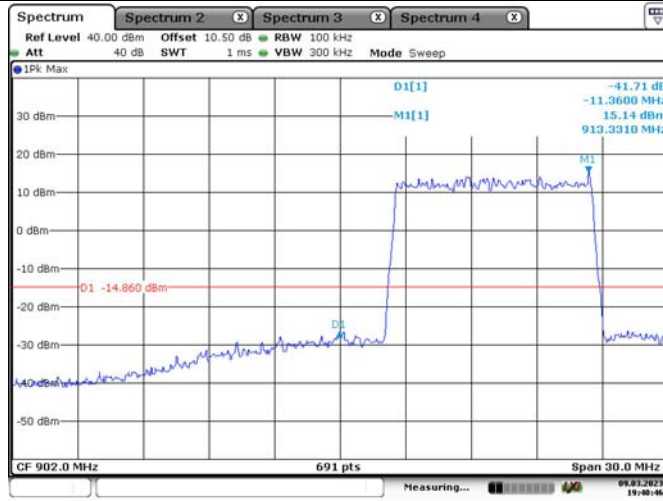


1.4MHz, 16QAM
Highest Band edge



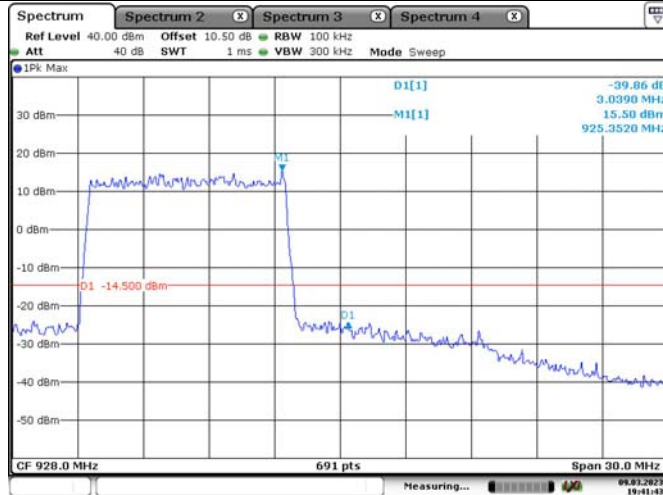
100 kHz Bandwidth of Frequency Band Edge

10MHz, 16QAM
Lowest Band edge



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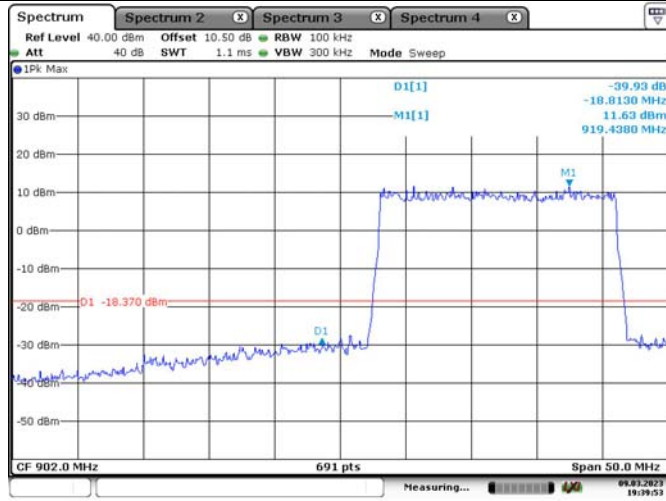
10MHz, 16QAM
Highest Band edge



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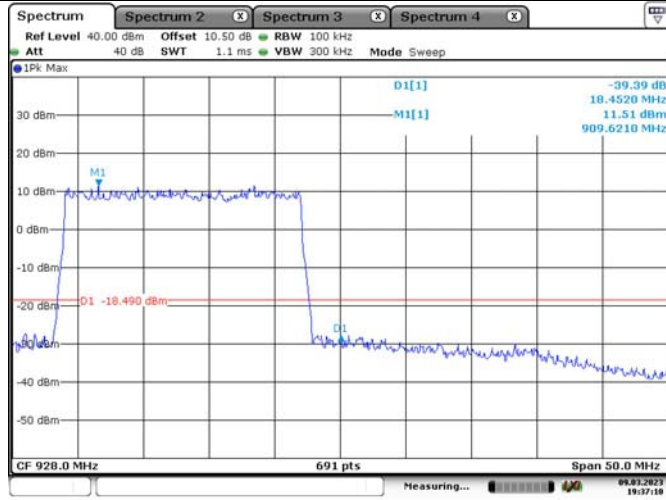
100 kHz Bandwidth of Frequency Band Edge

20MHz, 16QAM
Lowest Band edge



Date: 9-MAR-2023 19:39:53

20MHz, 16QAM
Highest Band edge

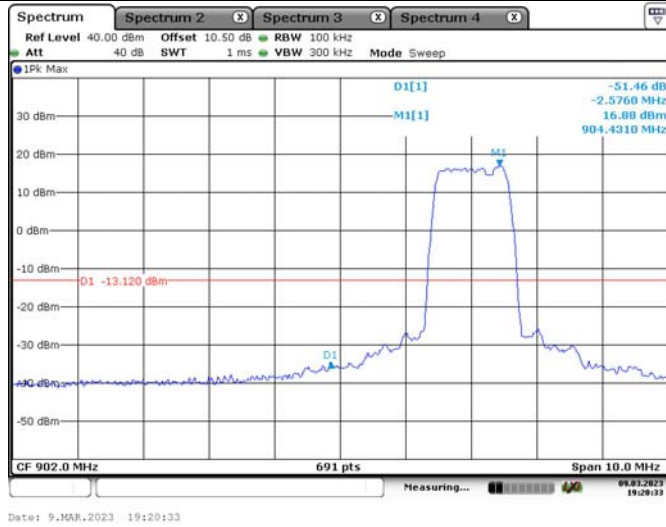


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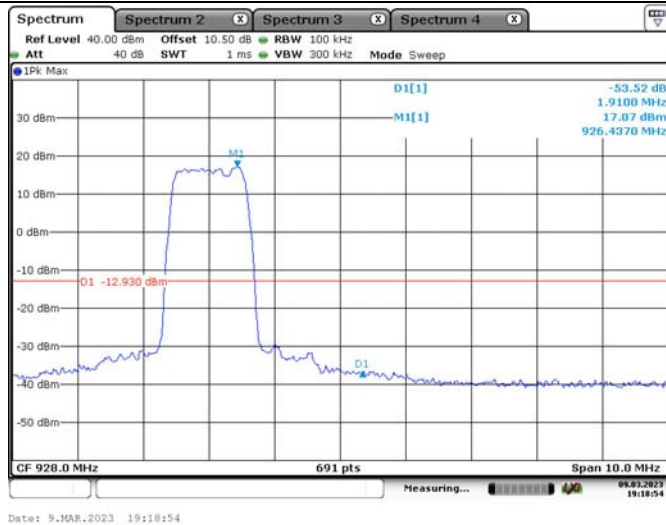
Chain 2:

100 kHz Bandwidth of Frequency Band Edge

1.4MHz, QPSK
Lowest Band edge

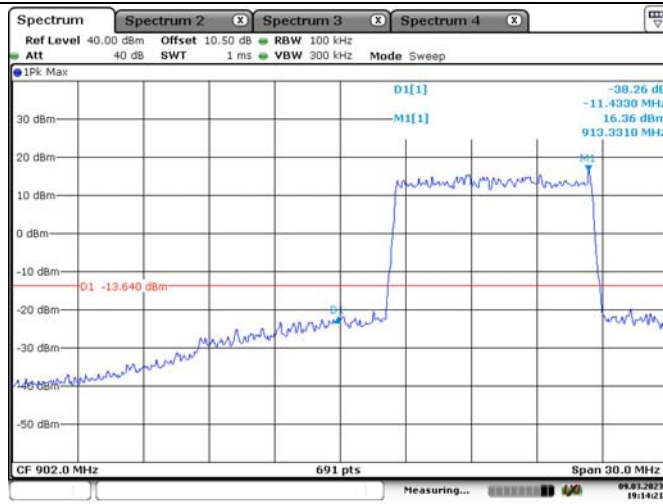


1.4MHz, QPSK
Highest Band edge

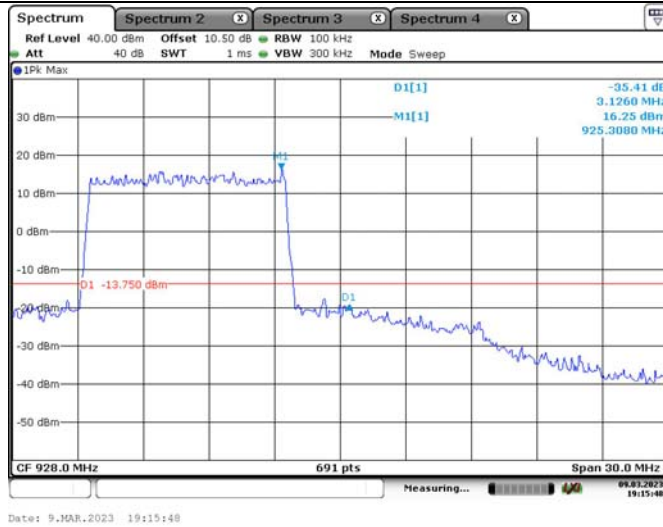


100 kHz Bandwidth of Frequency Band Edge

10MHz, QPSK
Lowest Band edge

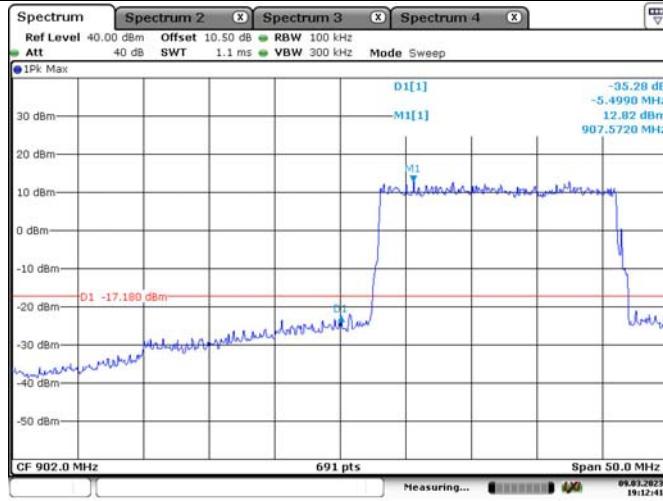


10MHz, QPSK
Highest Band edge

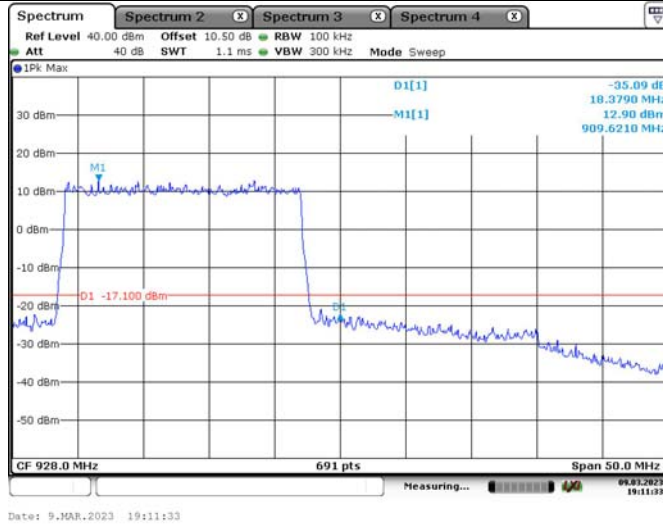


100 kHz Bandwidth of Frequency Band Edge

20MHz, QPSK
Lowest Band edge

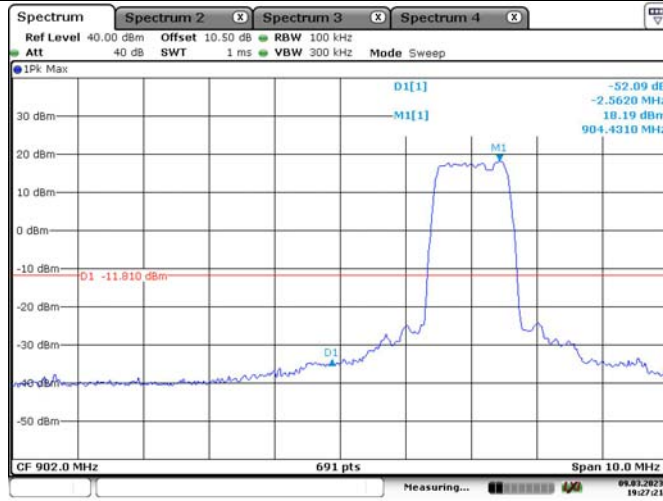


20MHz, QPSK
Highest Band edge

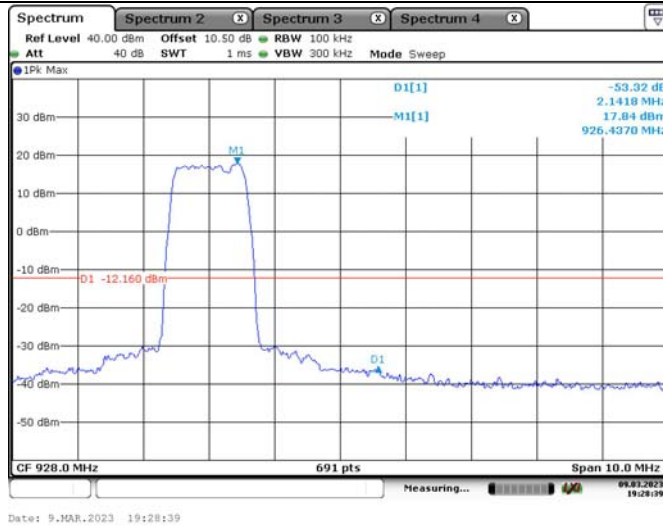


100 kHz Bandwidth of Frequency Band Edge

1.4MHz, 16QAM
Lowest Band edge

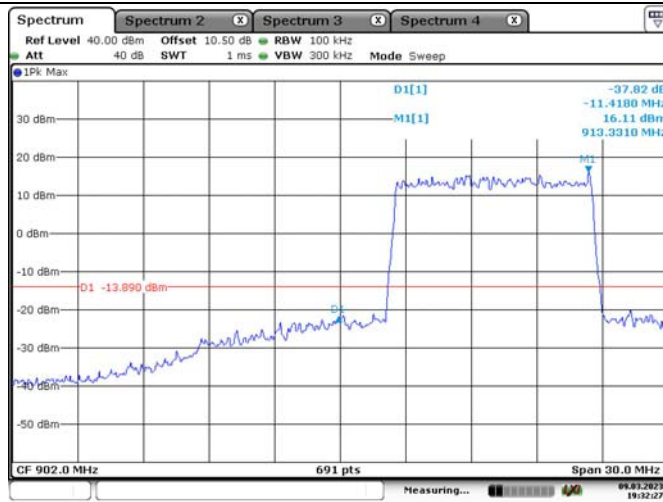


1.4MHz, 16QAM
Highest Band edge

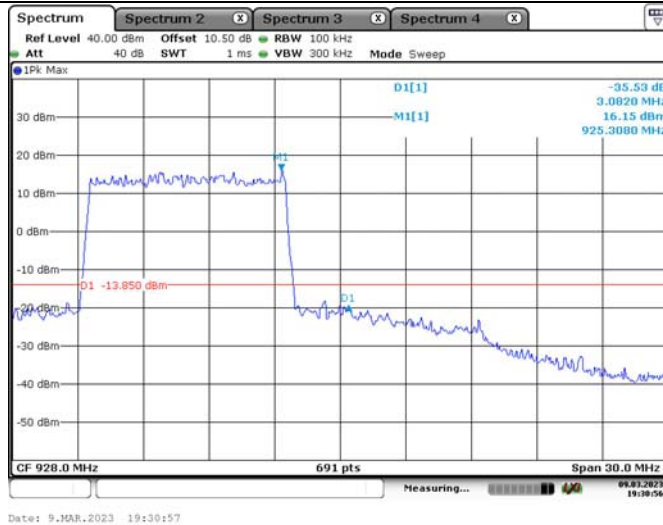


100 kHz Bandwidth of Frequency Band Edge

10MHz, 16QAM
Lowest Band edge

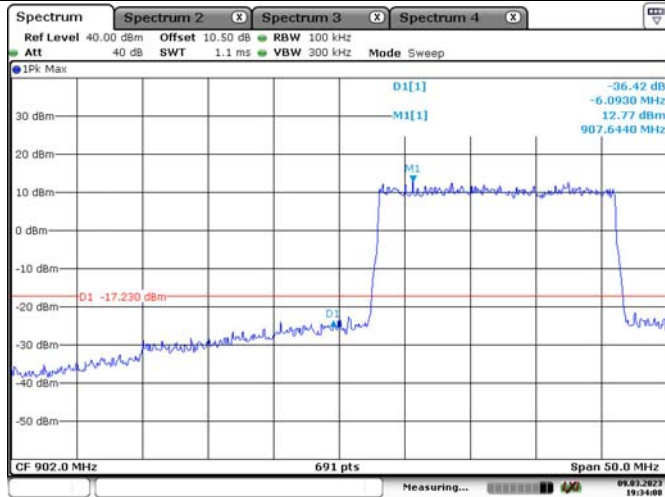


10MHz, 16QAM
Highest Band edge



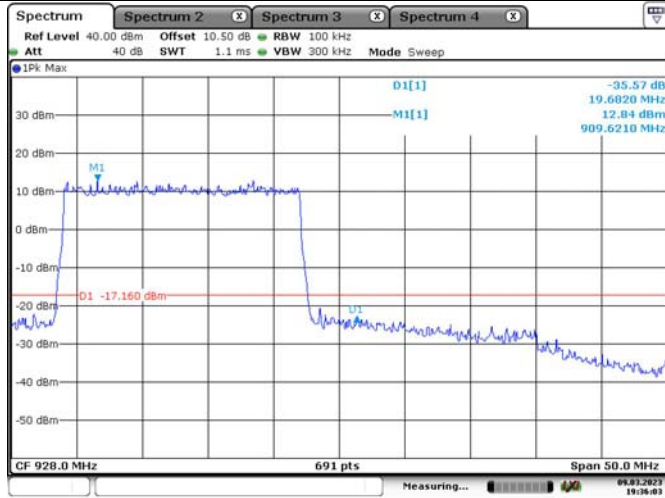
100 kHz Bandwidth of Frequency Band Edge

20MHz, 16QAM
Lowest Band edge



Date: 9-MAR-2023 19:34:08

20MHz, 16QAM
Highest Band edge

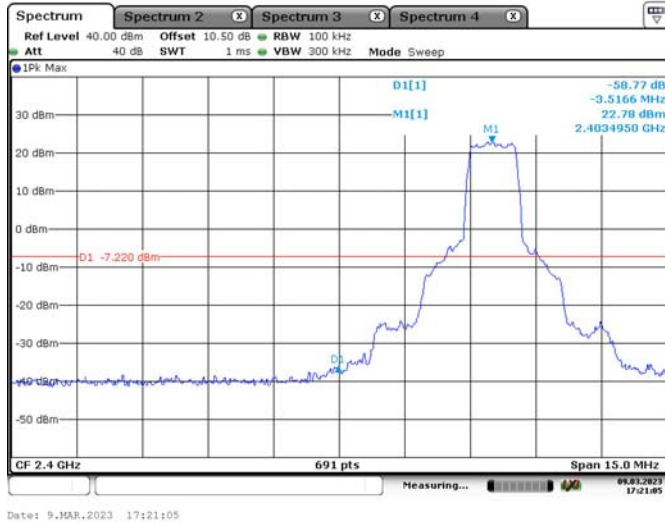


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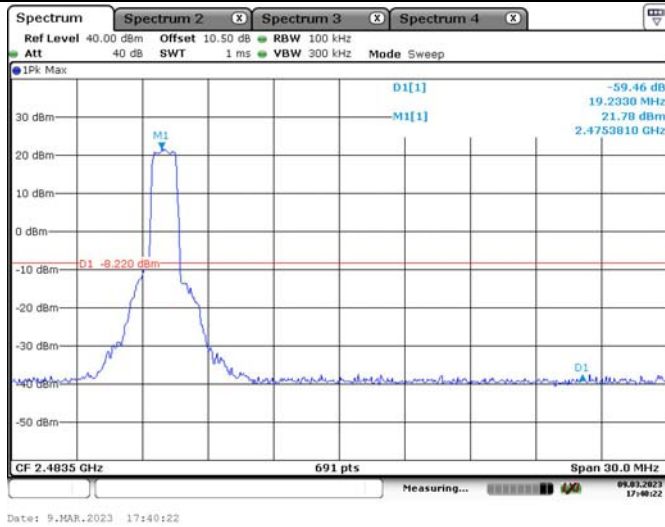
2.4GHz Band:
Chain 0

100 kHz Bandwidth of Frequency Band Edge

1.4M, QPSK
Lowest Band edge

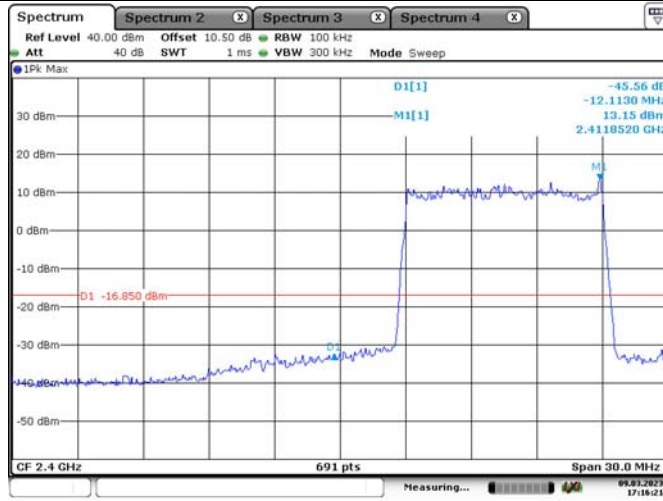


1.4M, QPSK
Highest Band edge

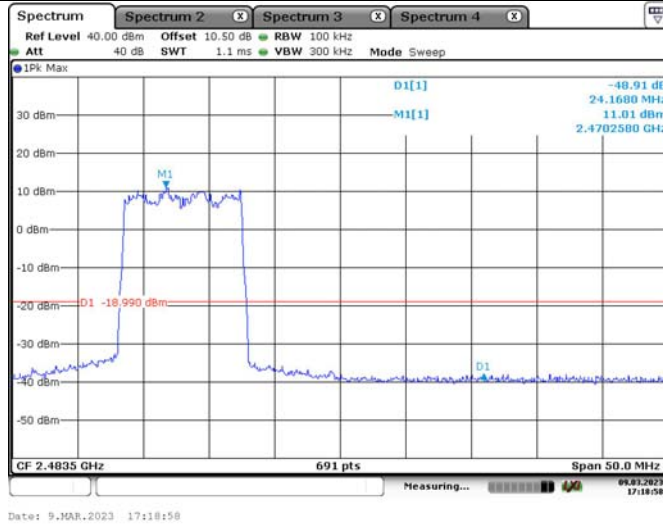


100 kHz Bandwidth of Frequency Band Edge

10MHz, QPSK
Lowest Band edge

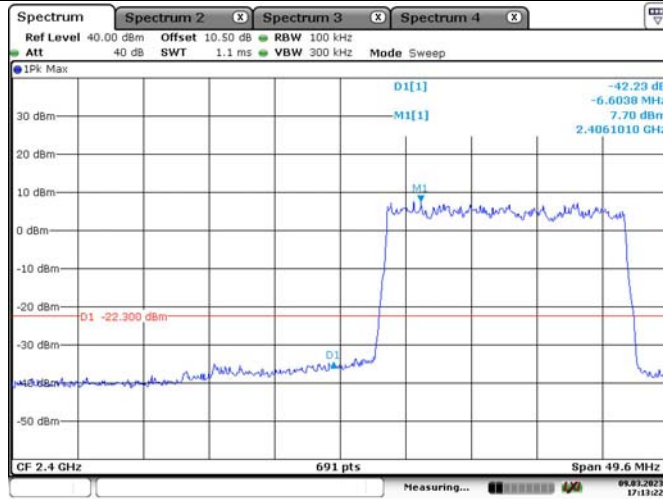


10MHz, QPSK
Highest Band edge

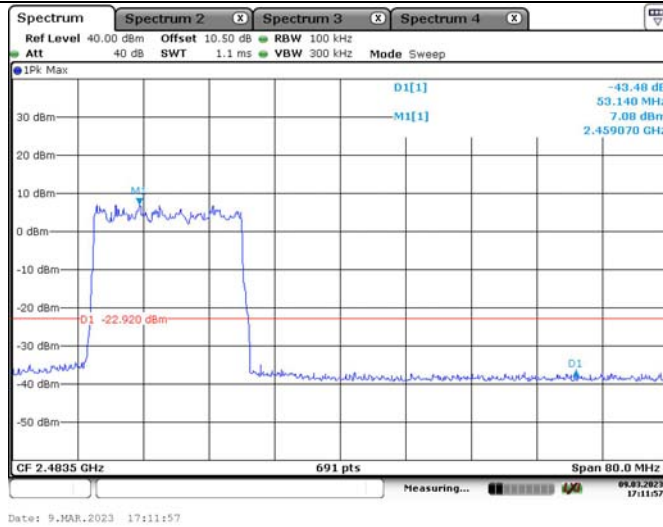


100 kHz Bandwidth of Frequency Band Edge

20MHz, QPSK
Lowest Band edge

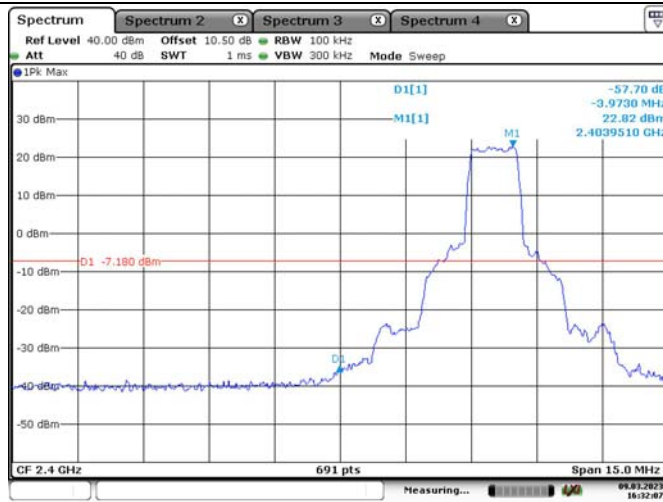


20MHz, QPSK
Highest Band edge

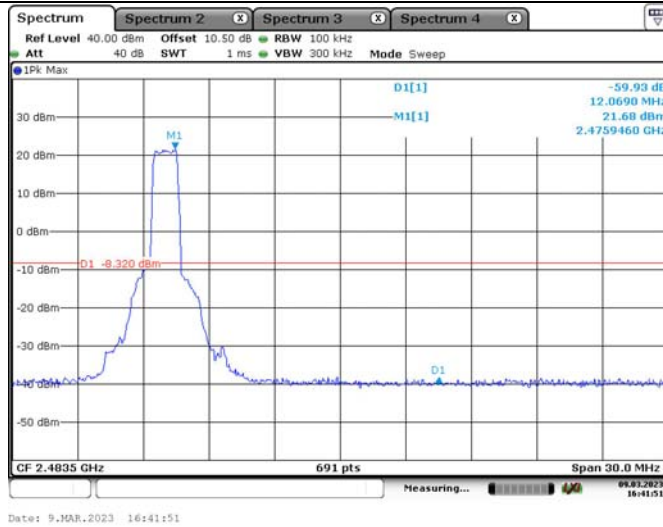


100 kHz Bandwidth of Frequency Band Edge

1.4MHz, 16QAM
Lowest Band edge

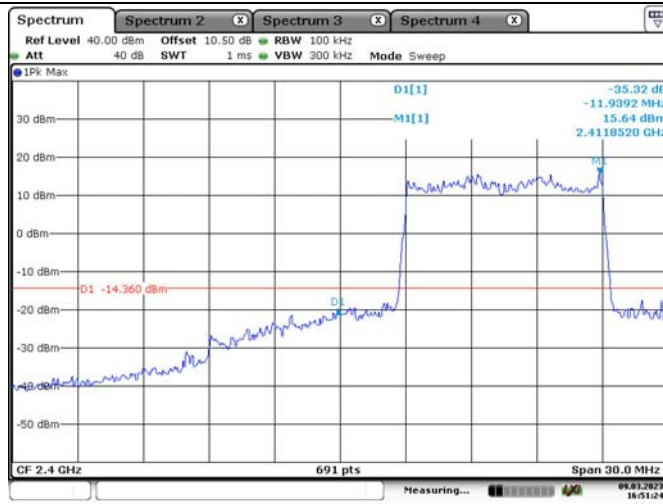


1.4MHz, 16QAM
Highest Band edge

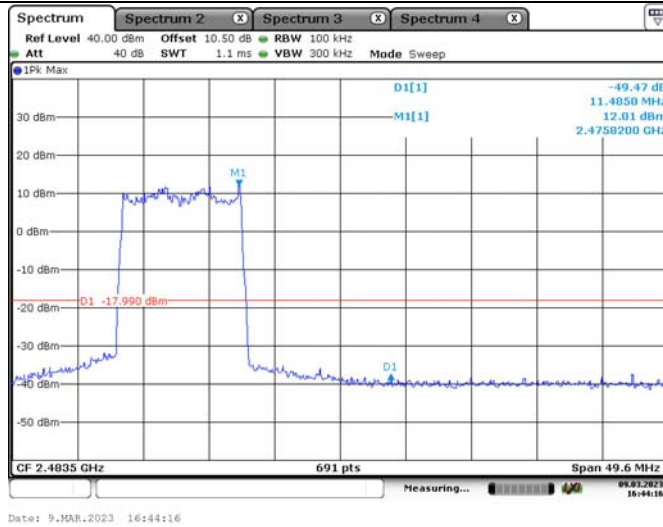


100 kHz Bandwidth of Frequency Band Edge

10MHz, 16QAM
Lowest Band edge

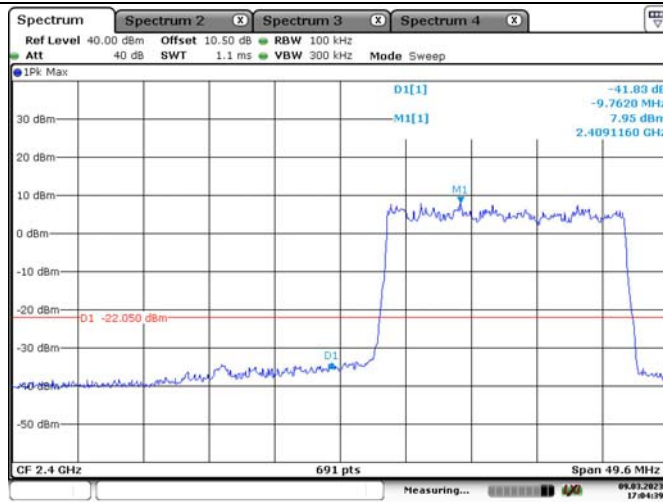


10MHz, 16QAM
Highest Band edge

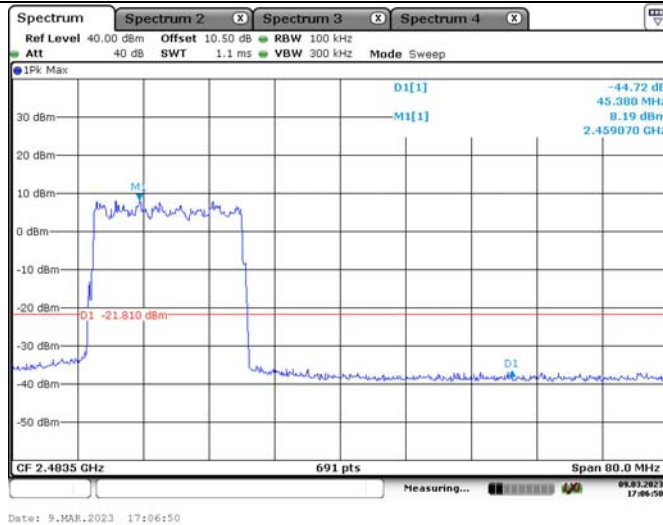


100 kHz Bandwidth of Frequency Band Edge

20MHz, 16QAM
Lowest Band edge



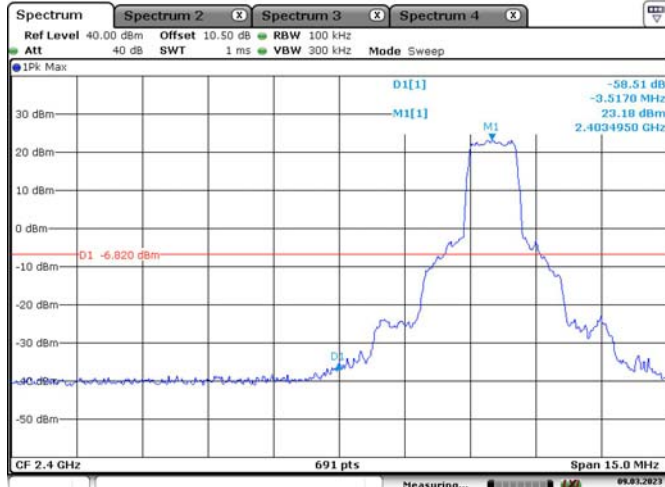
20MHz, 16QAM
Highest Band edge



Chain 2:

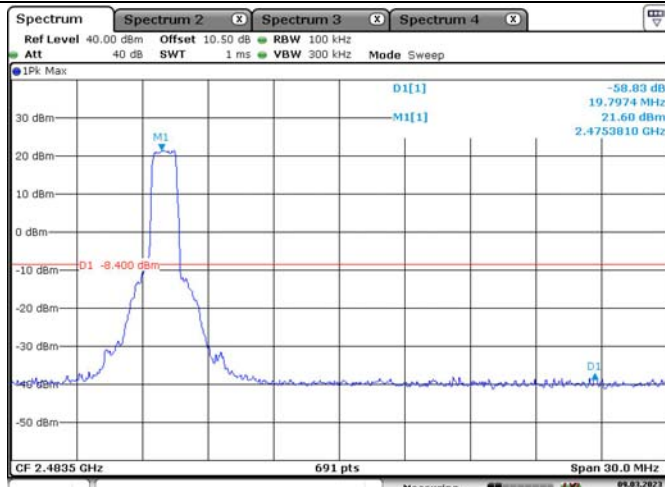
100 kHz Bandwidth of Frequency Band Edge

1.4MHz, QPSK
Lowest Band edge



Date: 9.MAR.2023 17:26:05

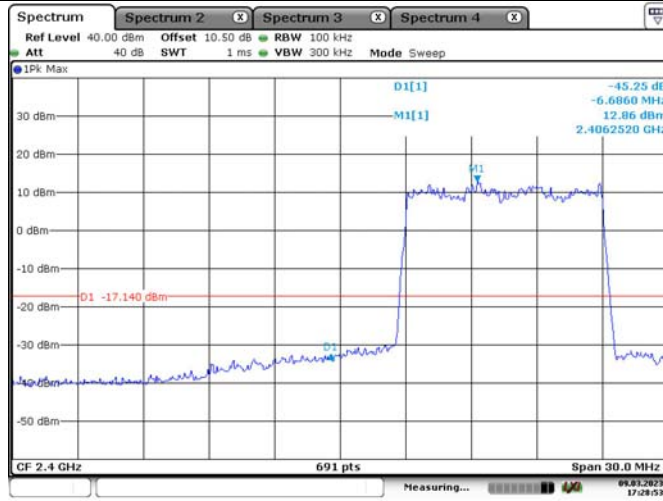
1.4MHz, QPSK
Highest Band edge



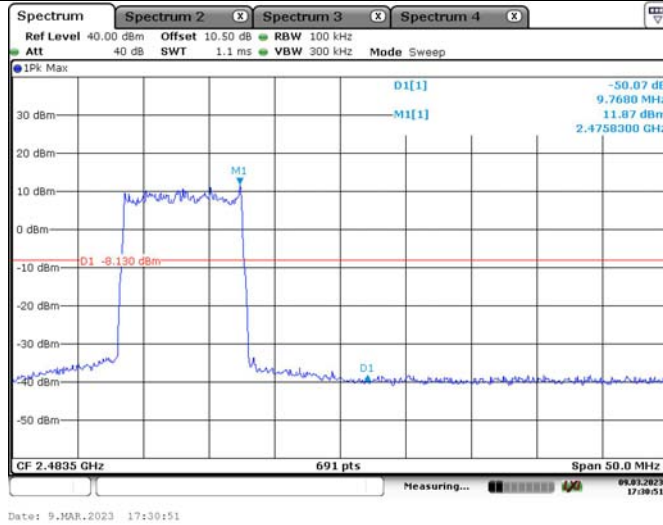
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100 kHz Bandwidth of Frequency Band Edge

10MHz, QPSK
Lowest Band edge

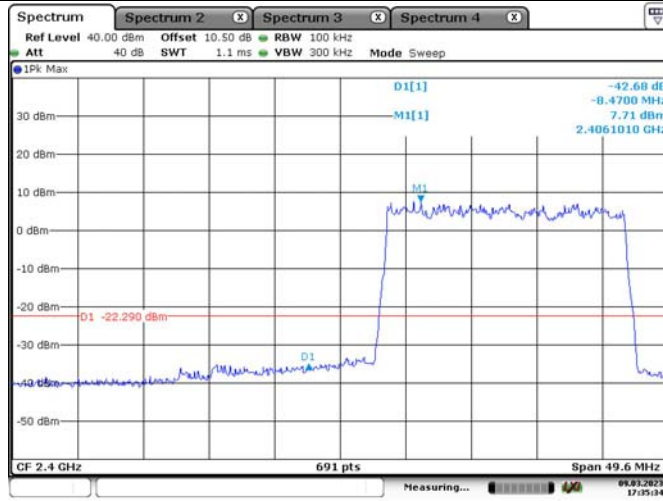


10MHz, QPSK
Highest Band edge



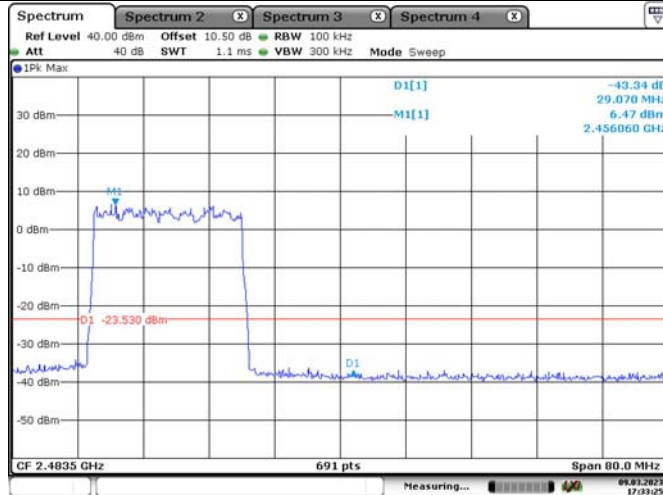
100 kHz Bandwidth of Frequency Band Edge

20MHz, QPSK
Lowest Band edge



Date: 9-MAR-2023 17:35:34

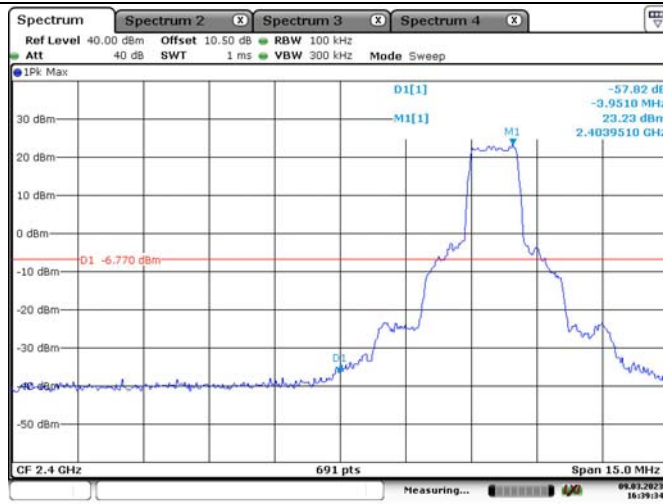
20MHz, QPSK
Highest Band edge



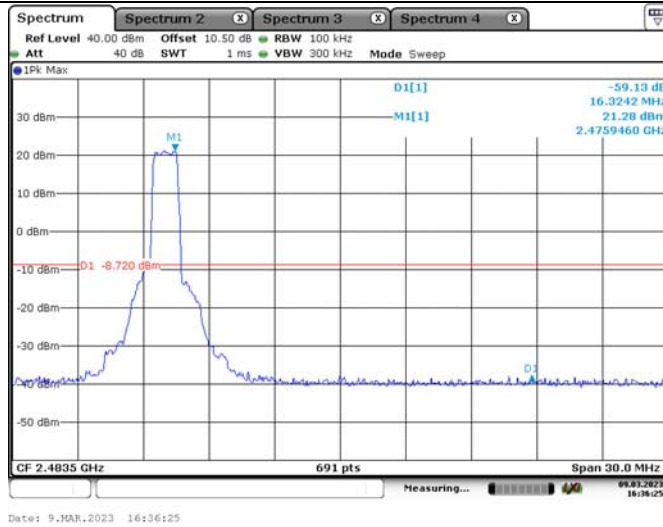
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100 kHz Bandwidth of Frequency Band Edge

1.4MHz, 16QAM
Lowest Band edge

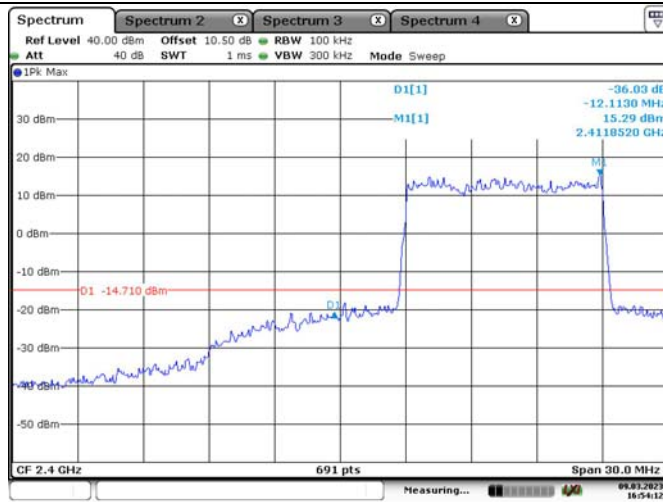


1.4MHz, 16QAM
Highest Band edge

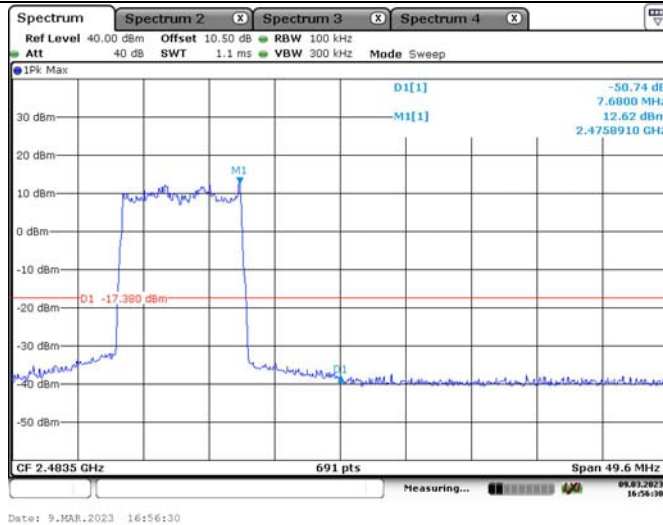


100 kHz Bandwidth of Frequency Band Edge

10MHz, 16QAM
Lowest Band edge

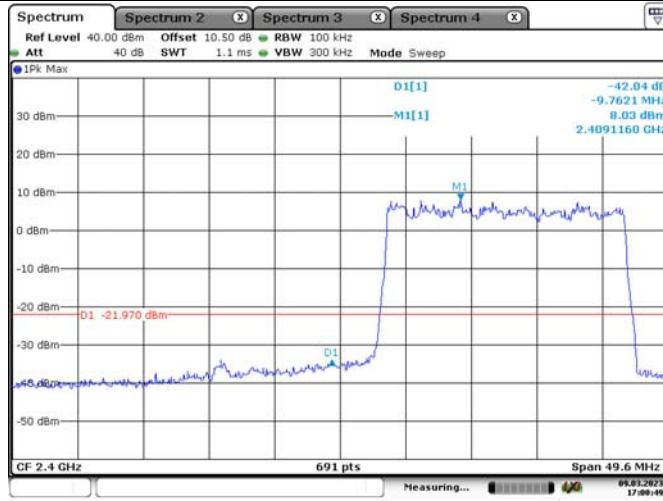


10MHz, 16QAM
Highest Band edge

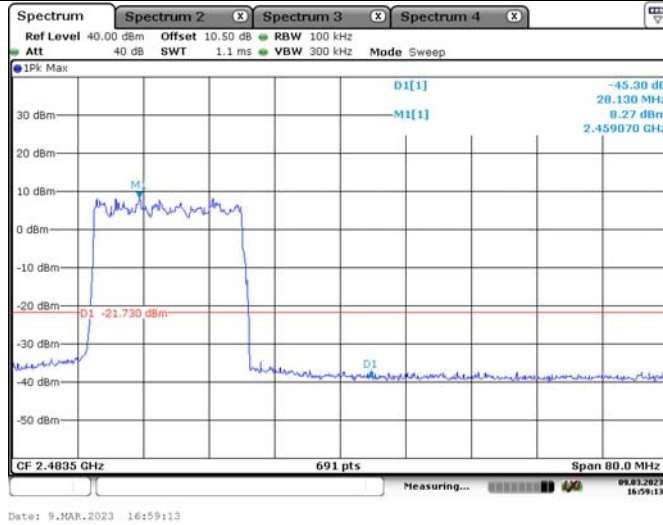


100 kHz Bandwidth of Frequency Band Edge

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: (°C)	21.3	Relative Humidity: (%)	65	ATM Pressure: (kPa)	101.5
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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

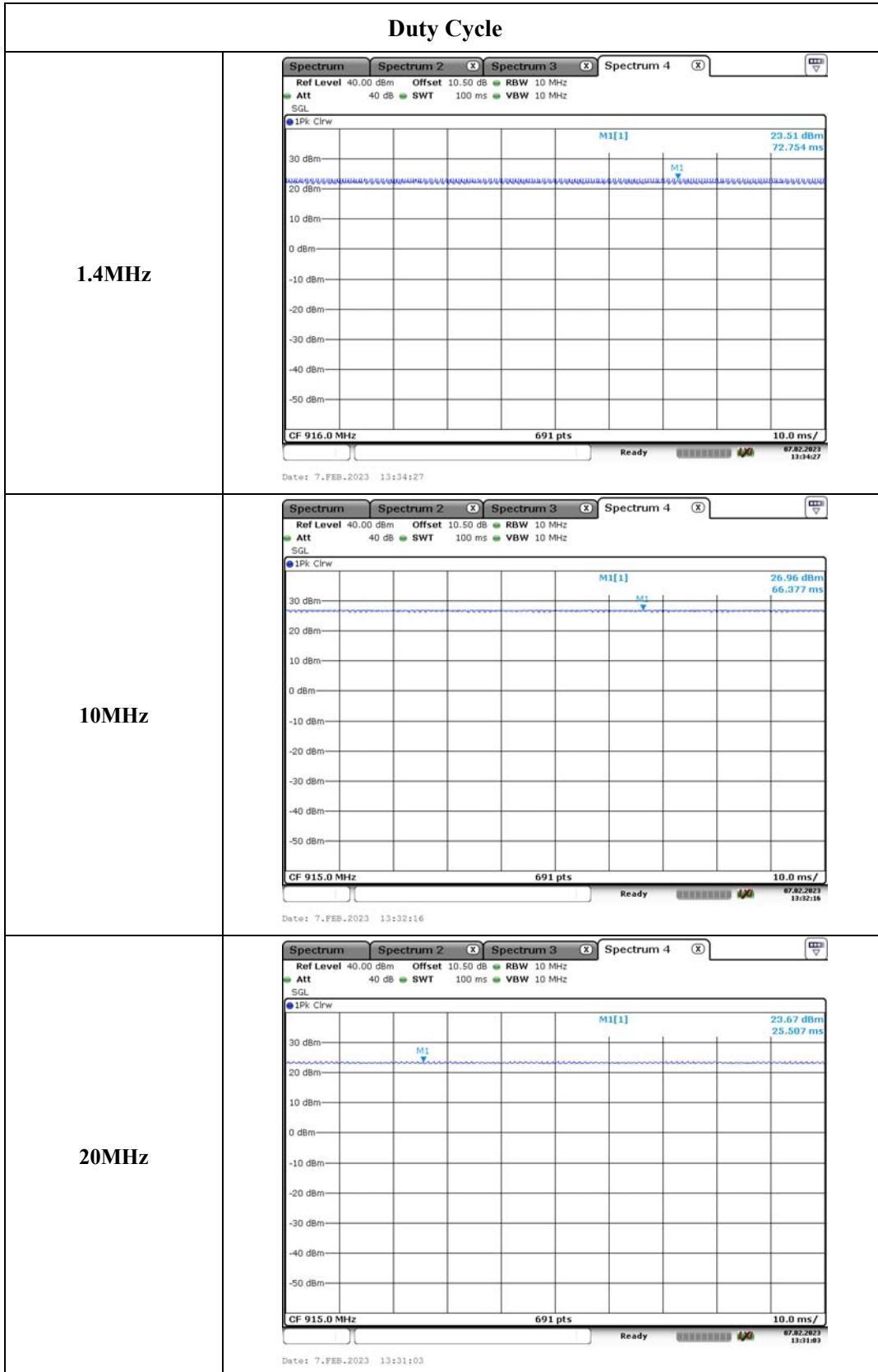
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

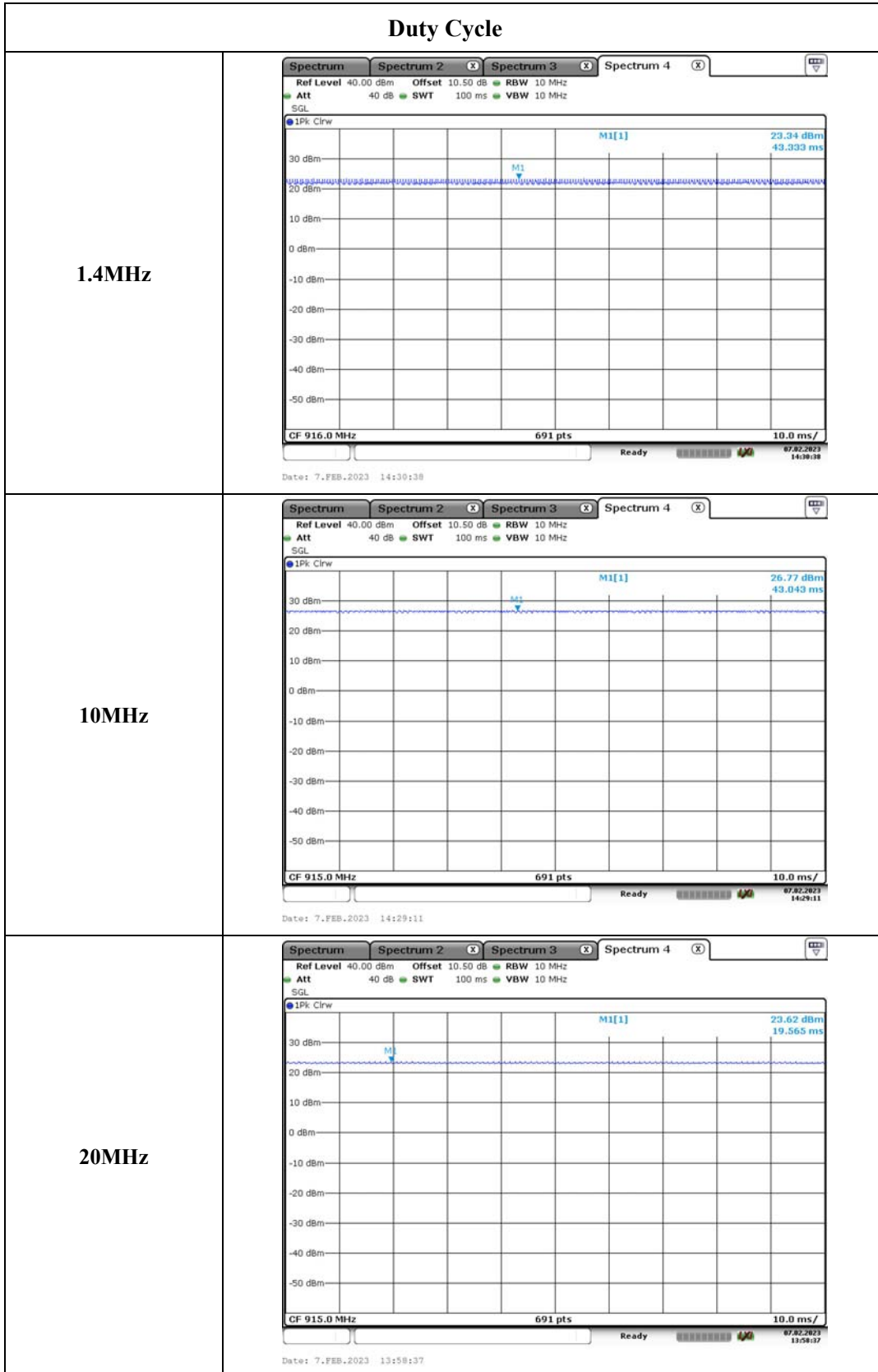
Test only was performed at chain 0, please refer to the following table and plots:

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

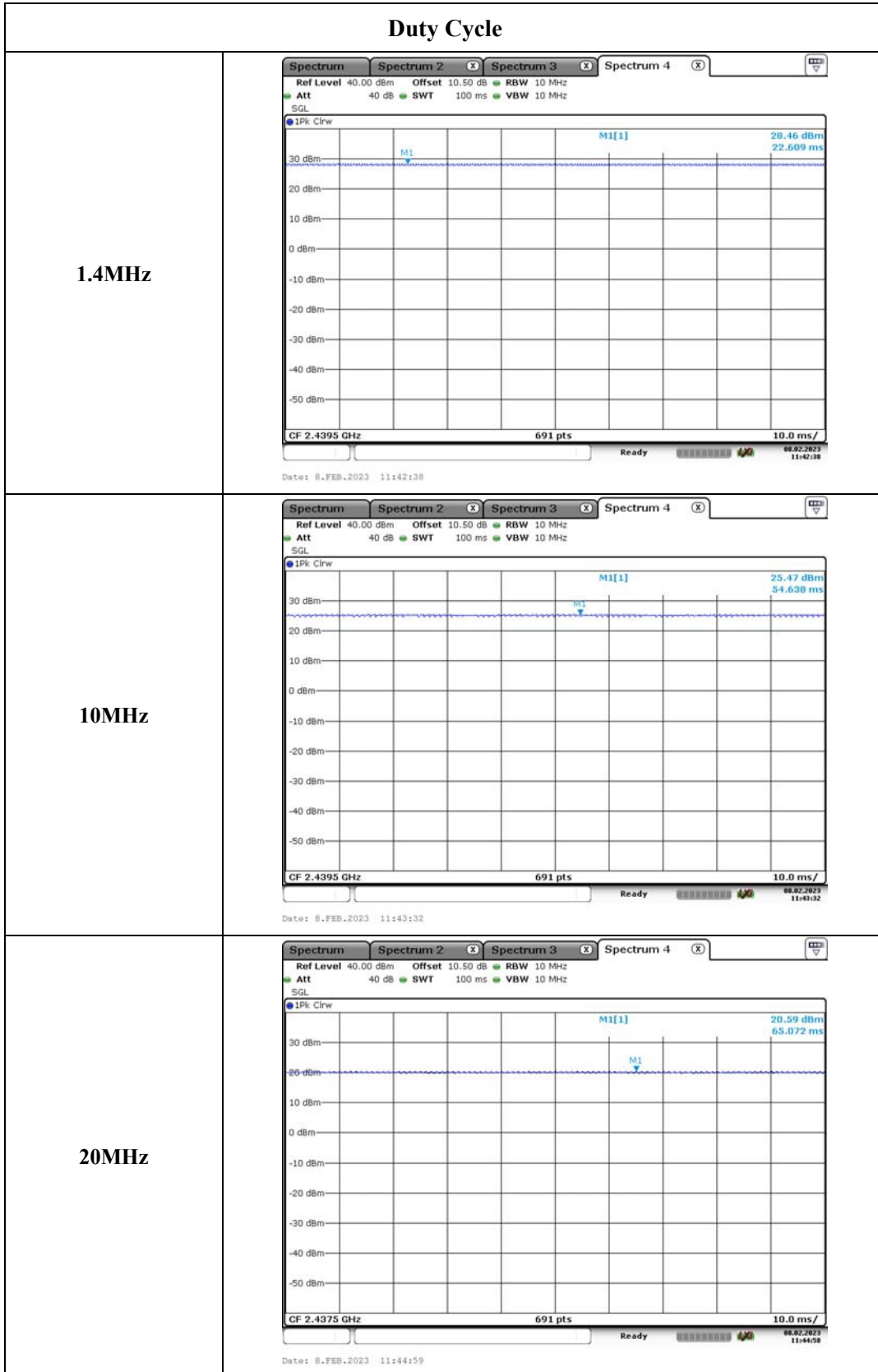
**900MHz Band:
QPSK:**



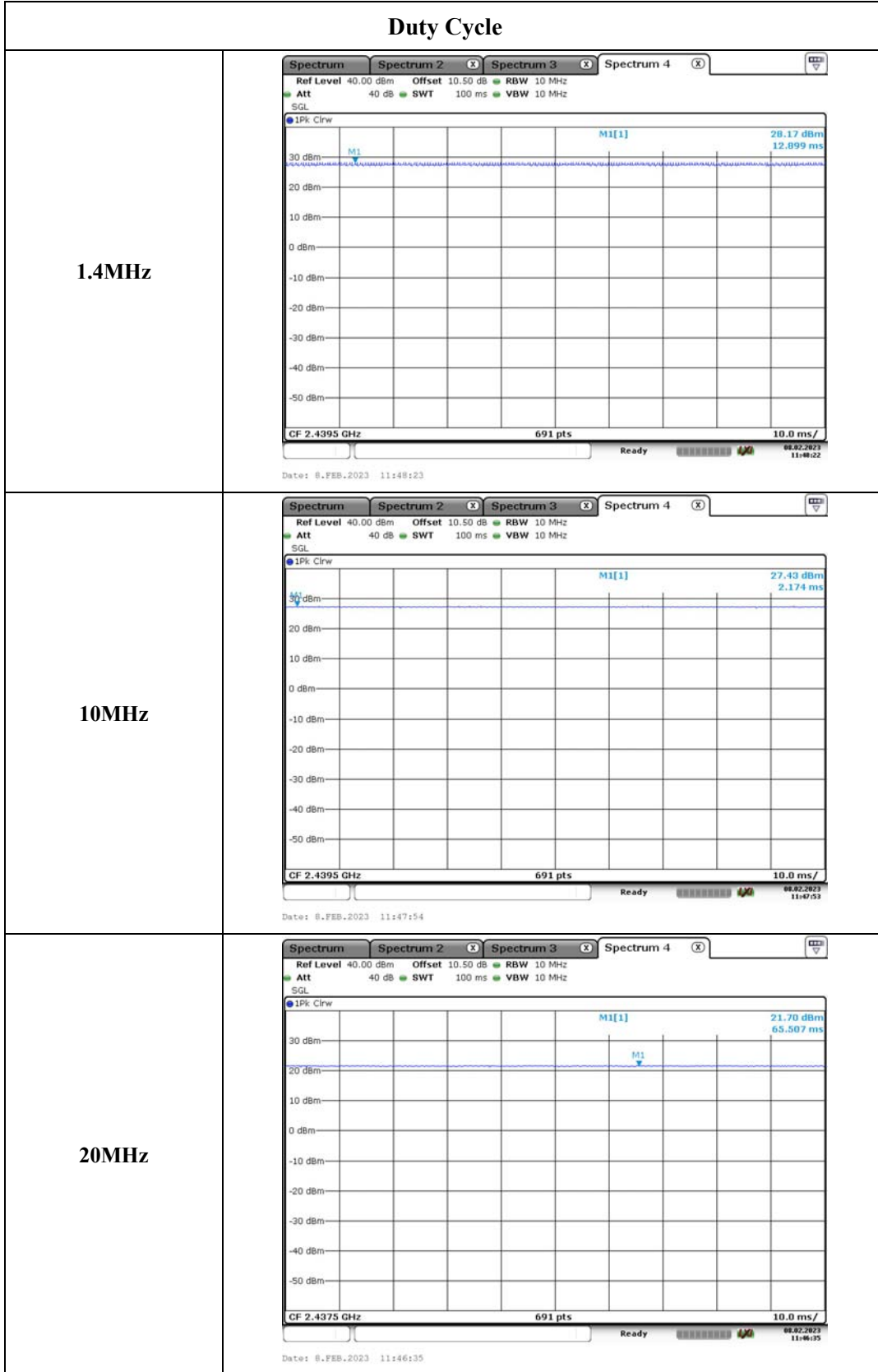
16QAM:



**2.4GHz Band:
QPSK:**



16QAM:



==== END OF REPORT ====