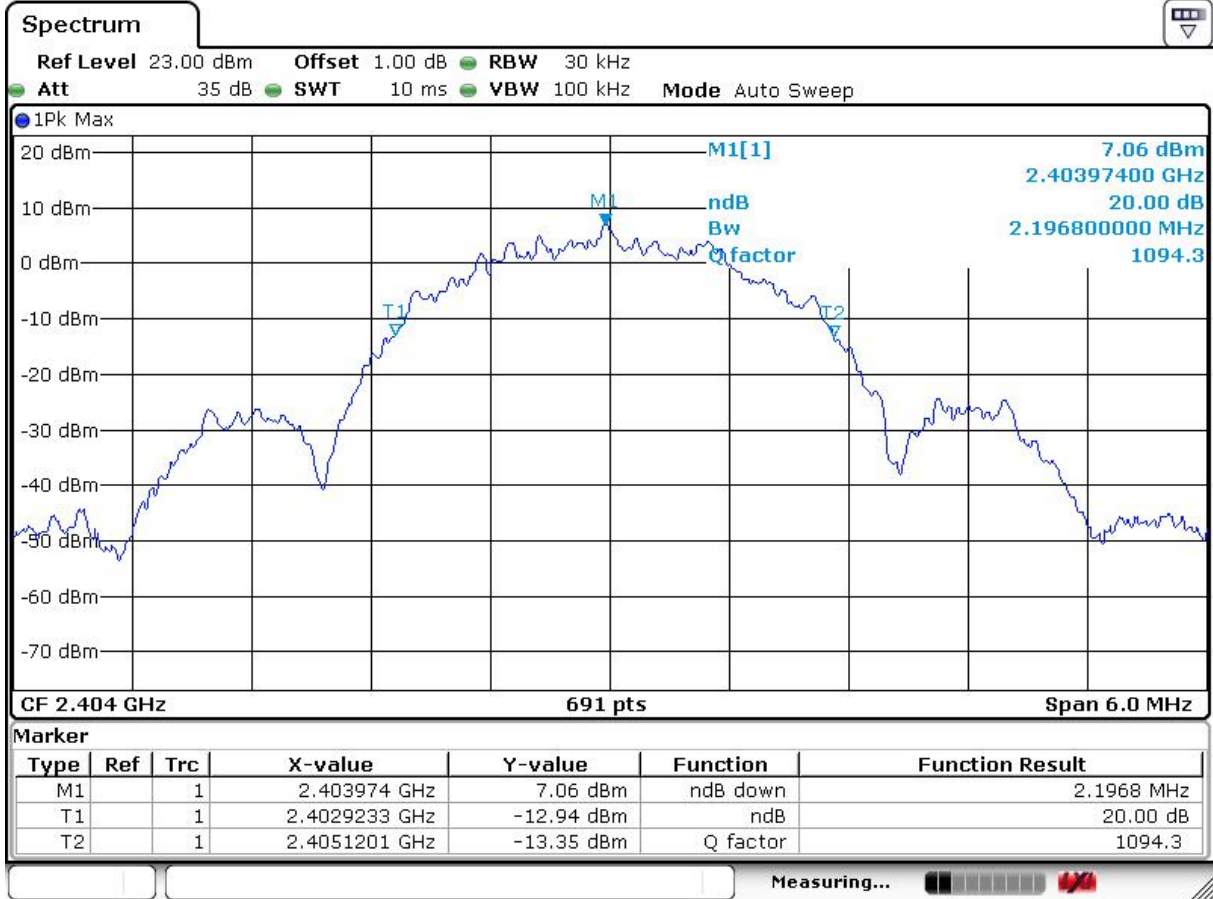


4.5.5 Test plots (2MHz High Power)

4.5.5.1 Lowest Channel

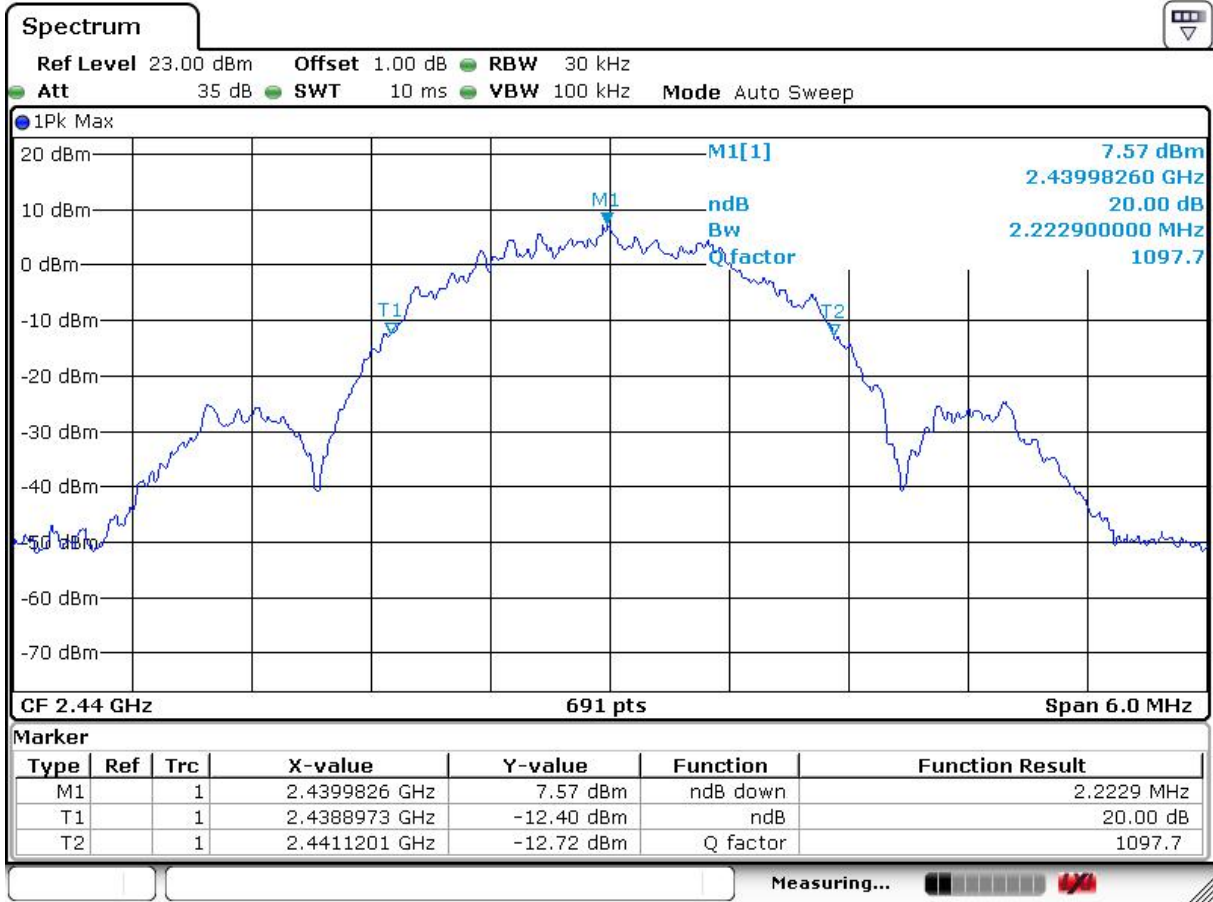


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4.5.5.2 Middle Channel

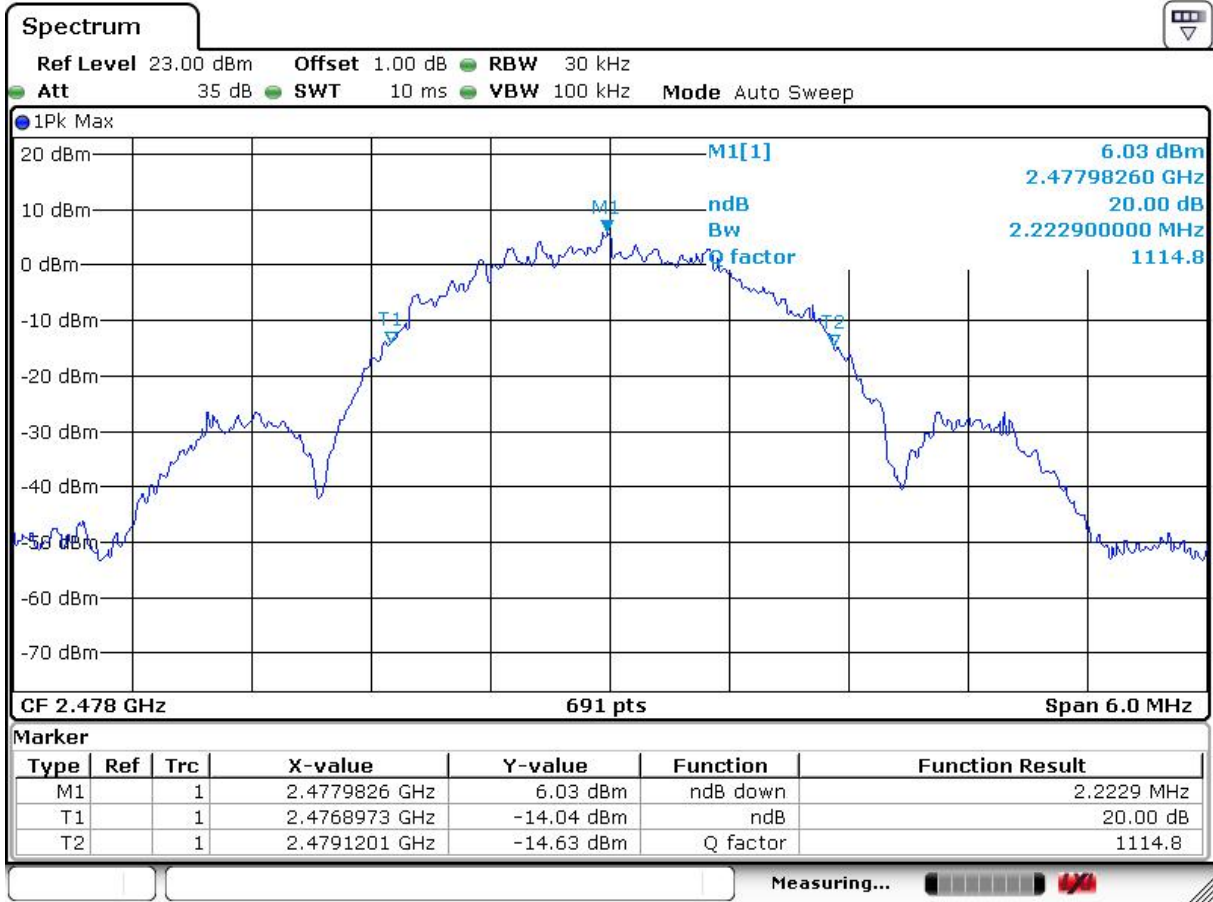


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4.5.5.3 Highest Channel



Date: 8 APR 2020 07:55:04

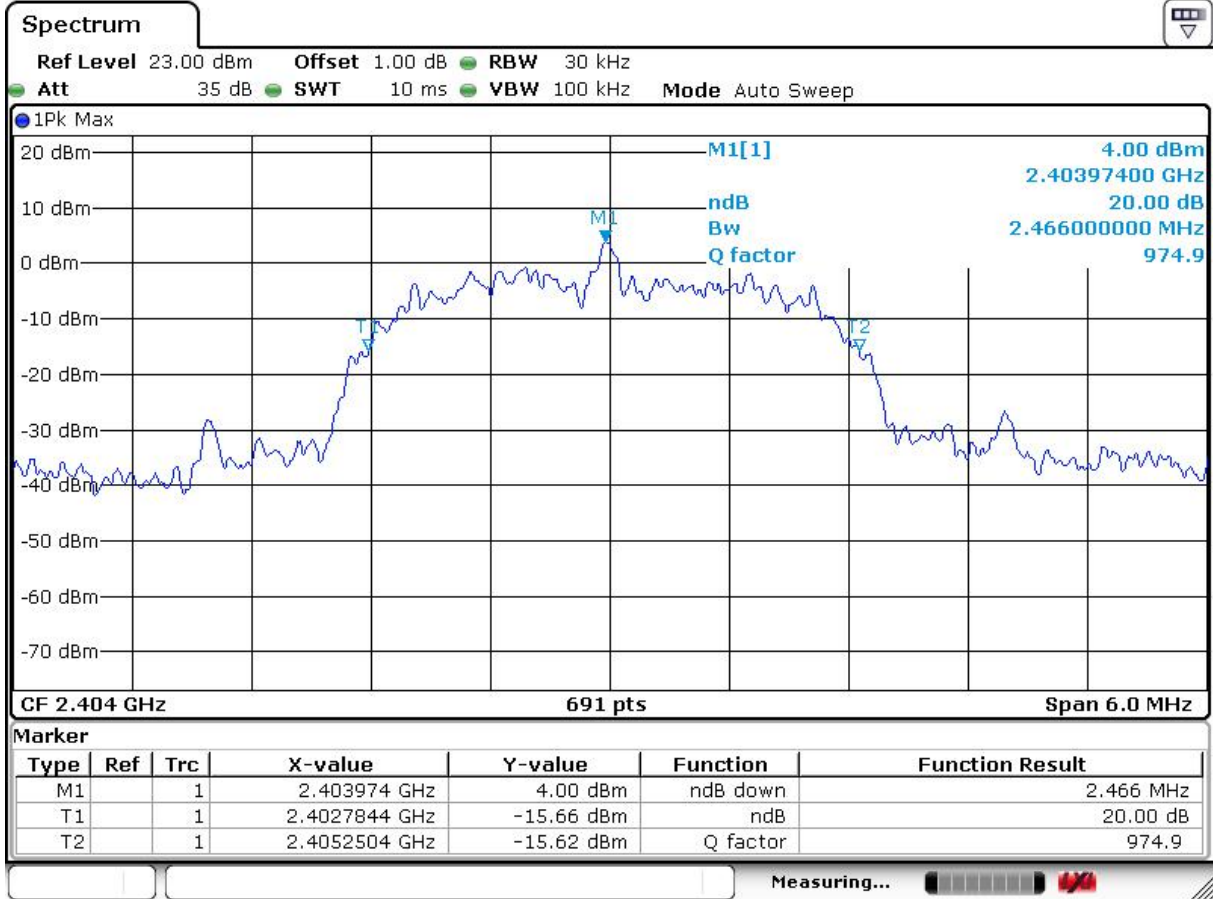


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4.5.6 Test plots (UHD 2MHz)

4.5.6.1 Lowest Channel

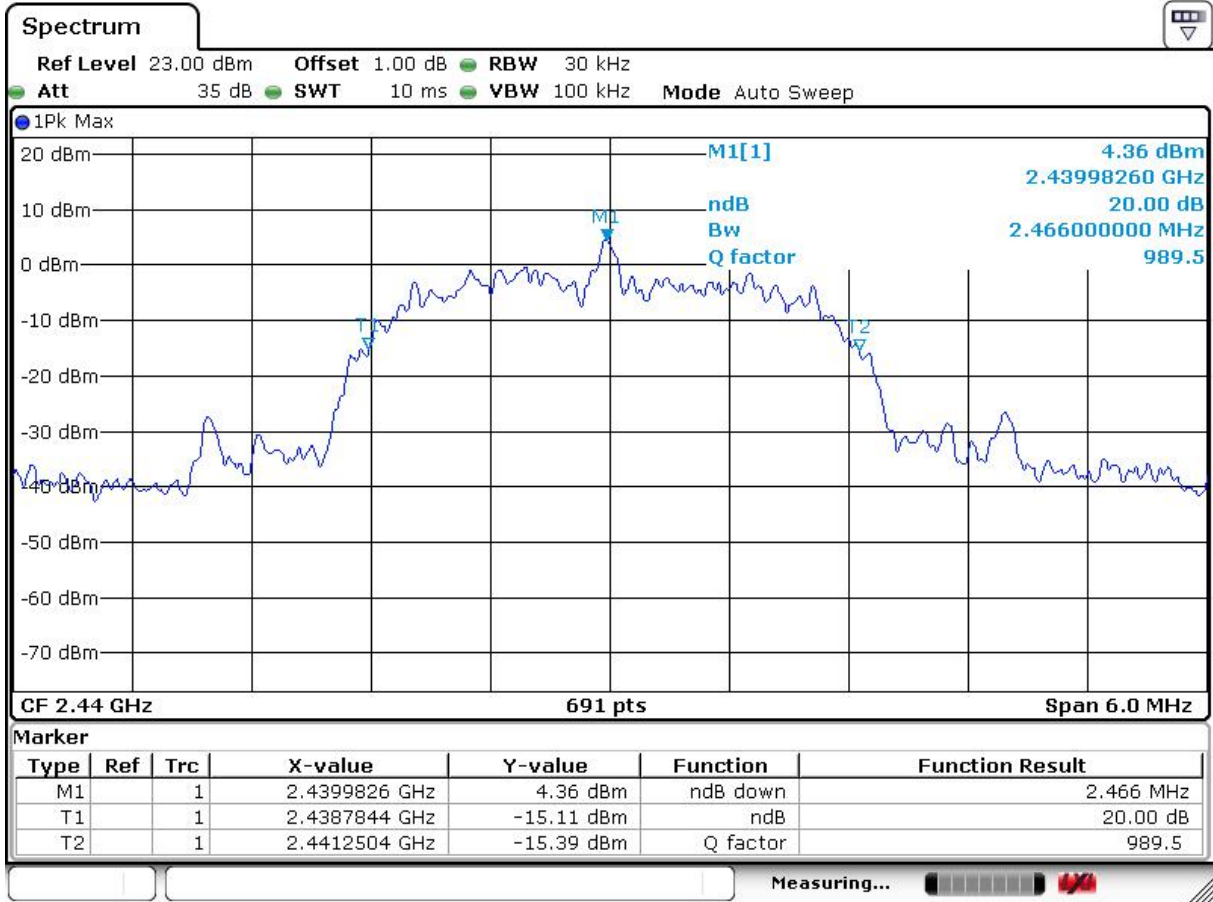


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4.5.6.2 Middle Channel

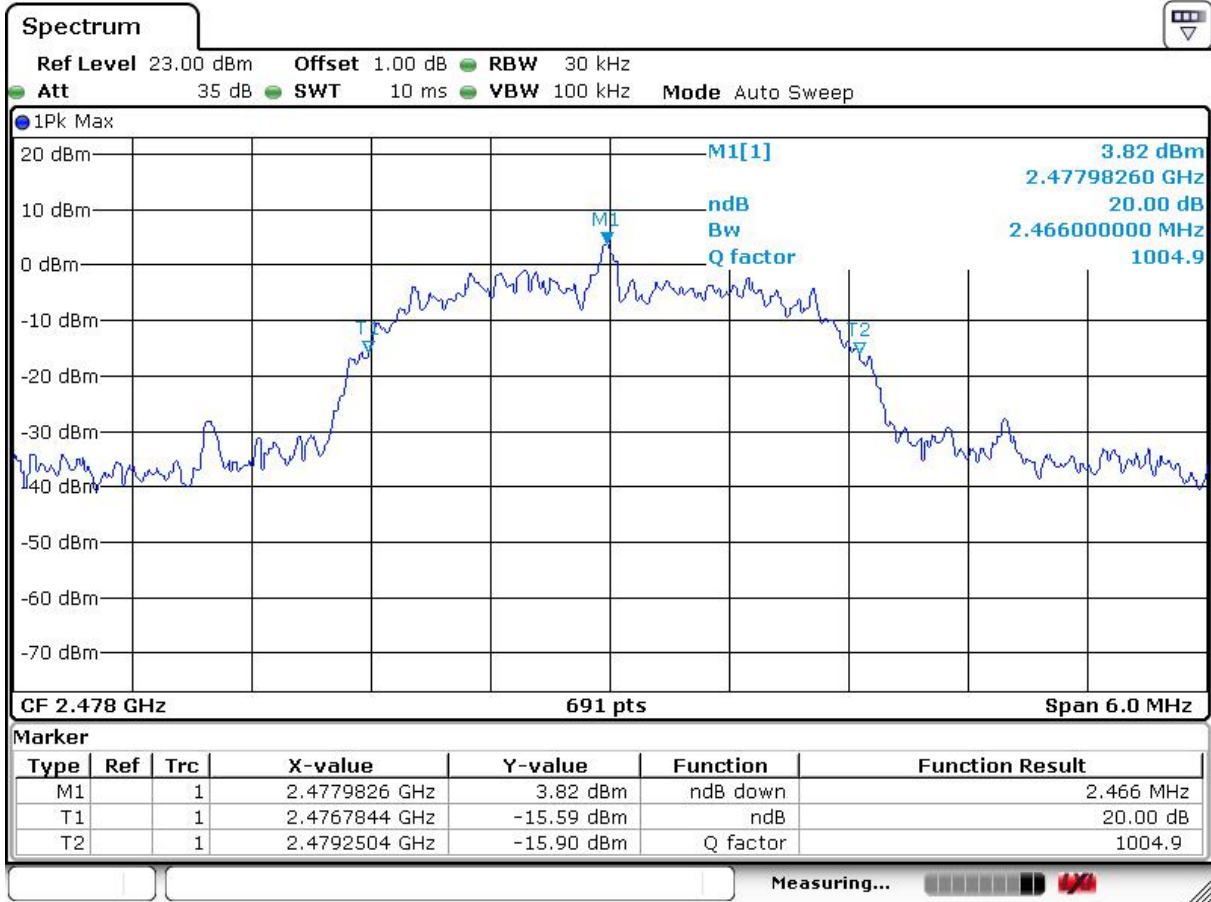


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4.5.6.3 Highest Channel



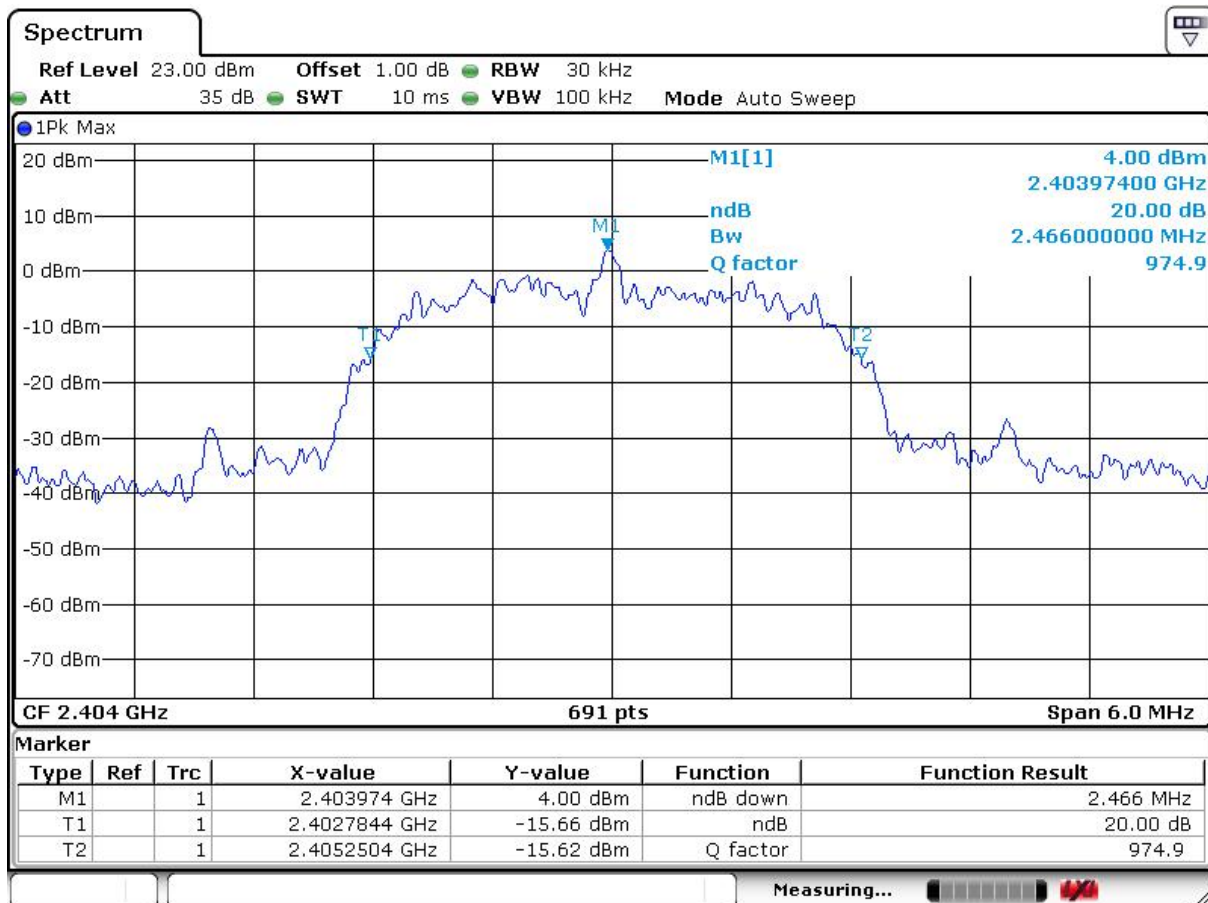
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4.5.7 Test plots (UHD 2MHz High Power)

4.5.7.1 Lowest Channel



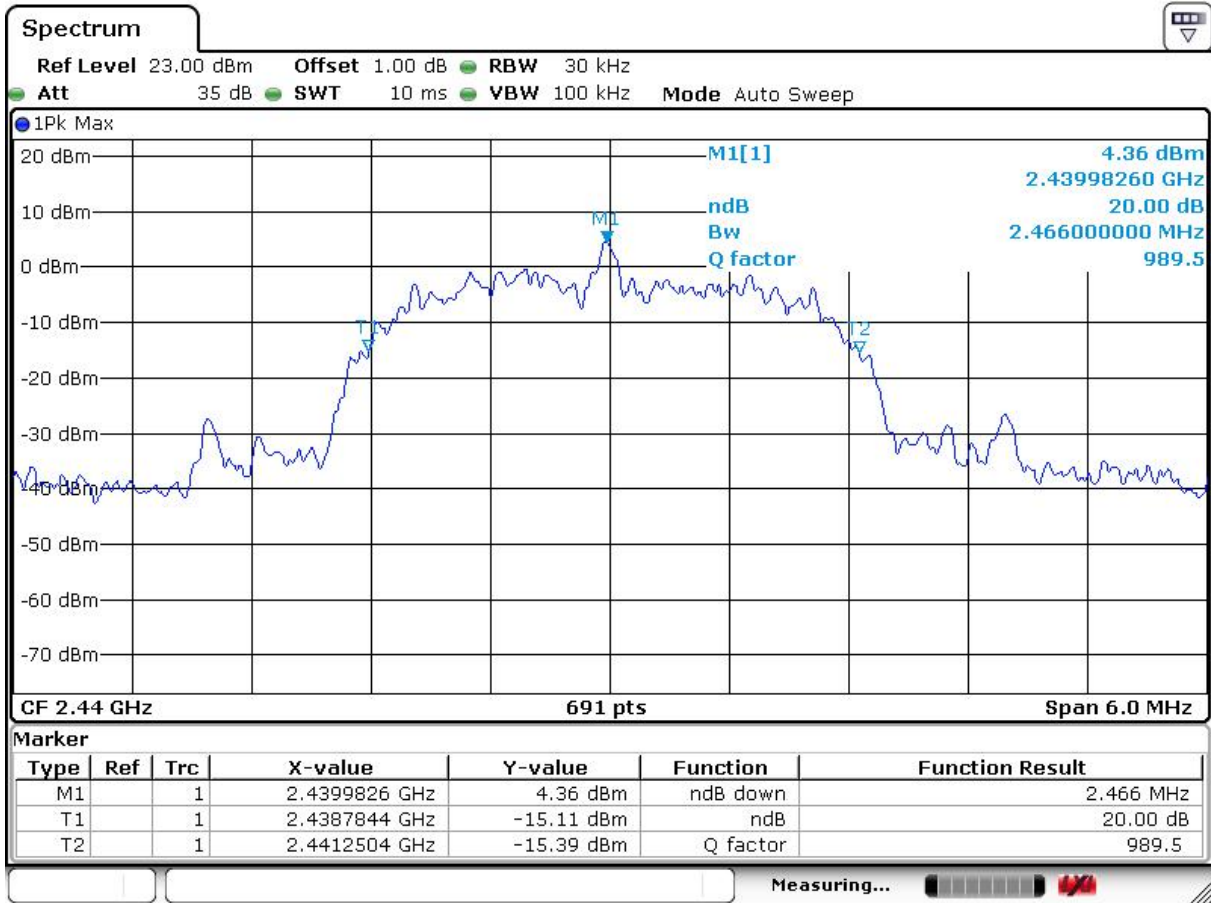
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4.5.7.2 Middle Channel



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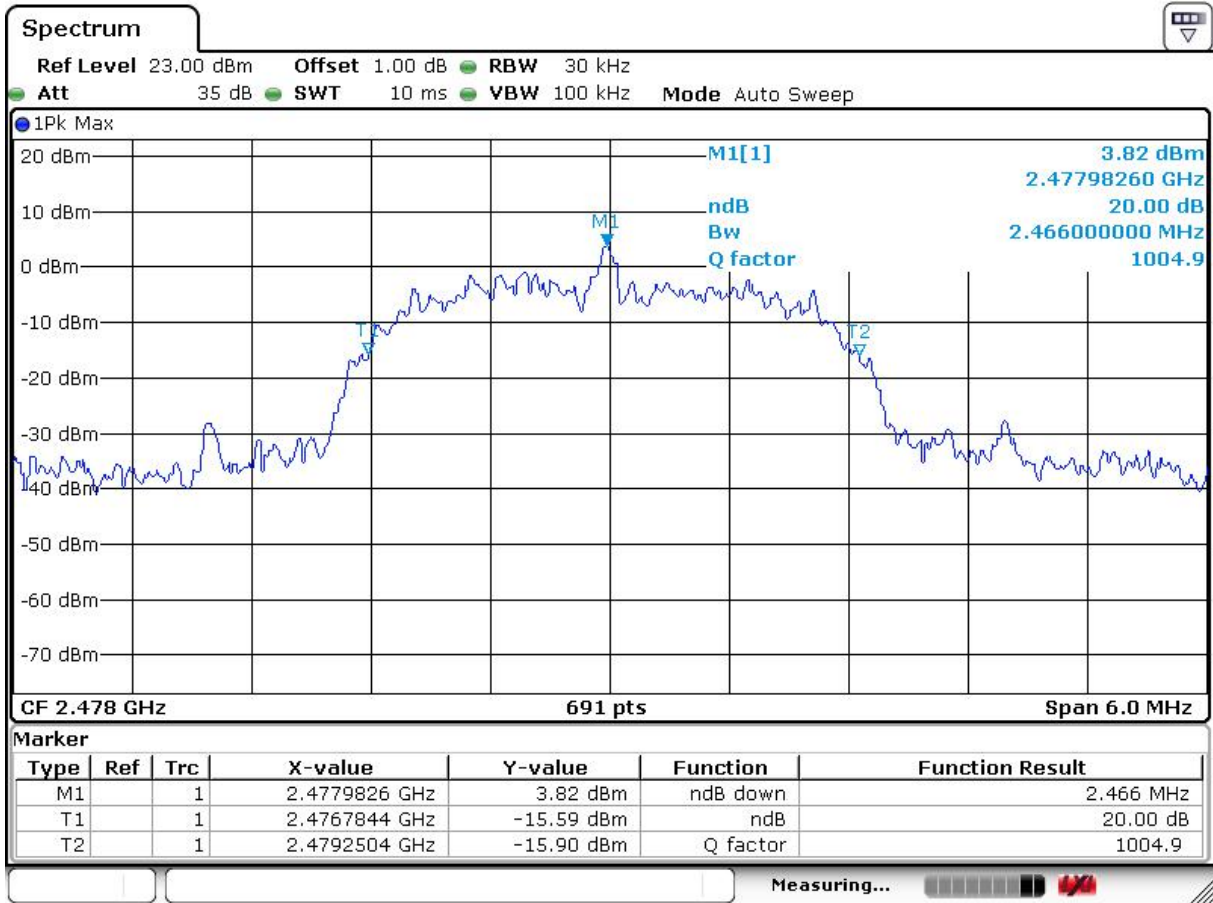
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4.5.7.3 Highest Channel



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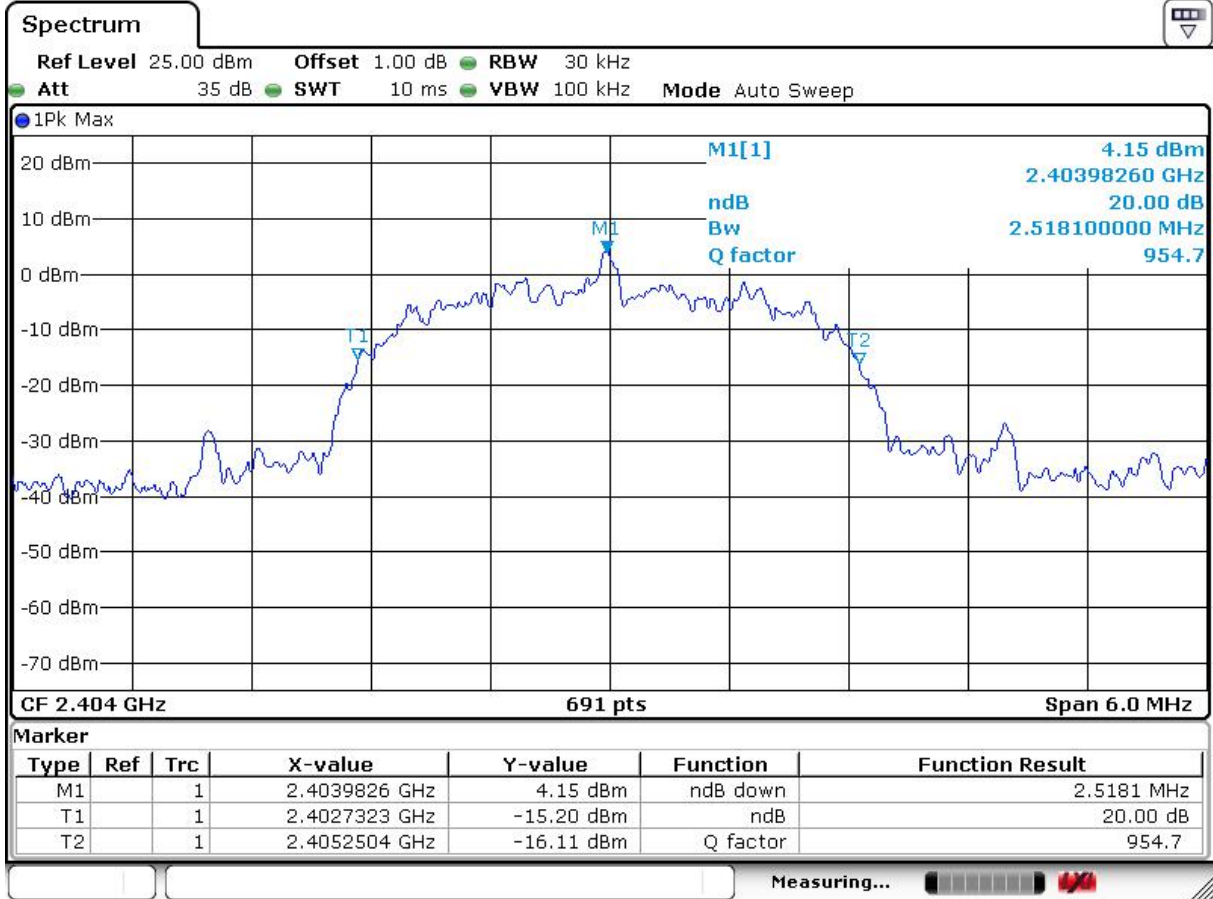
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4.5.8 Test plots (UHD 2MHz 8PSK)

4.5.8.1 Lowest Channel



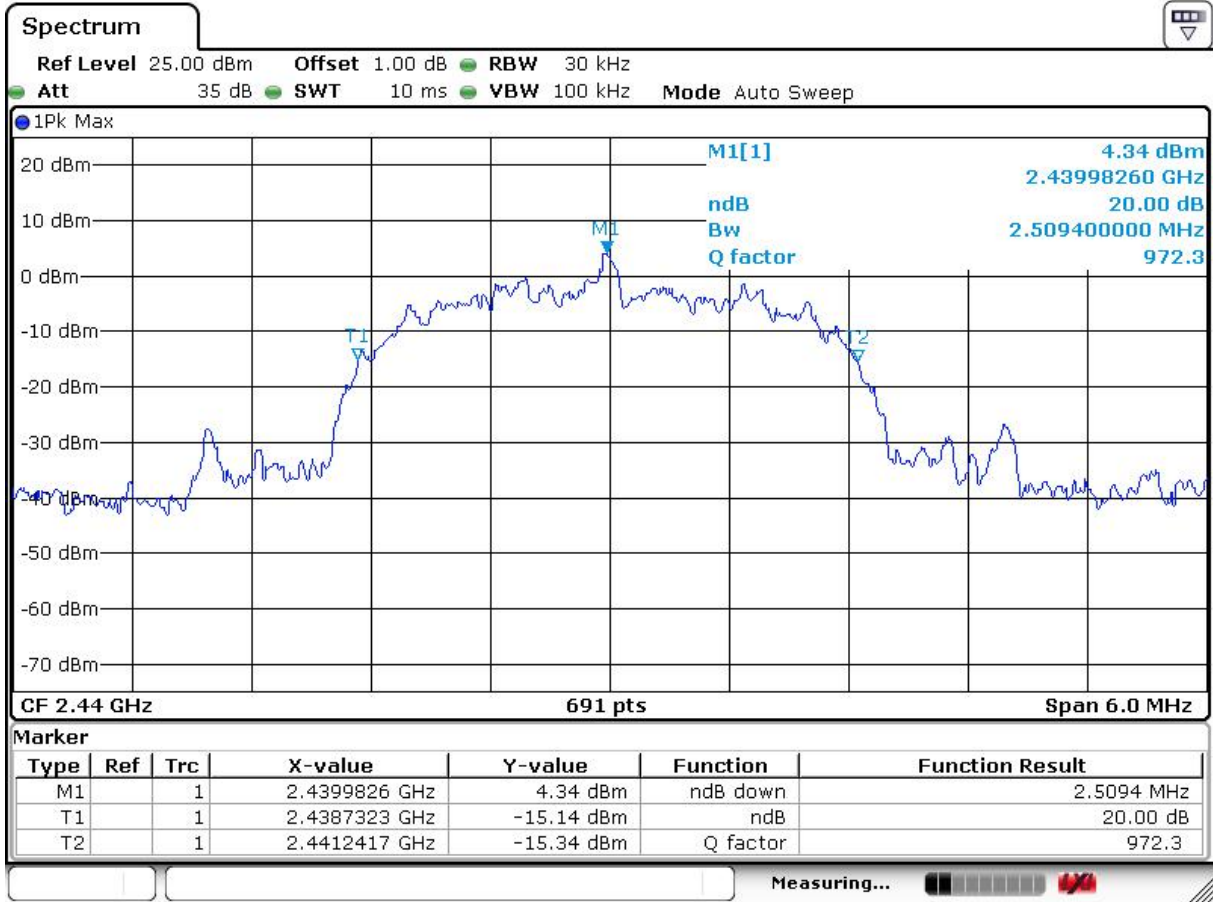
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4.5.8.2 Middle Channel



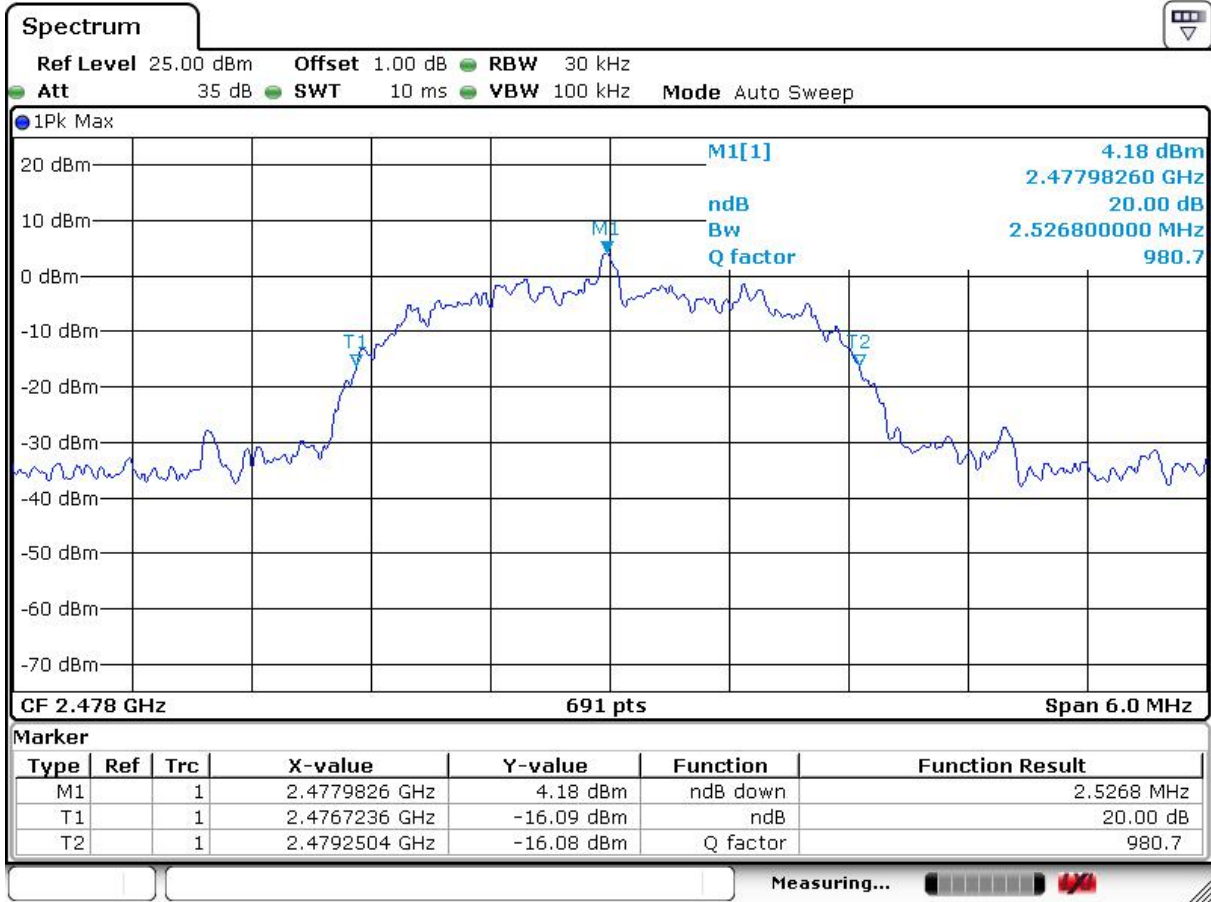
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4.5.8.3 Highest Channel



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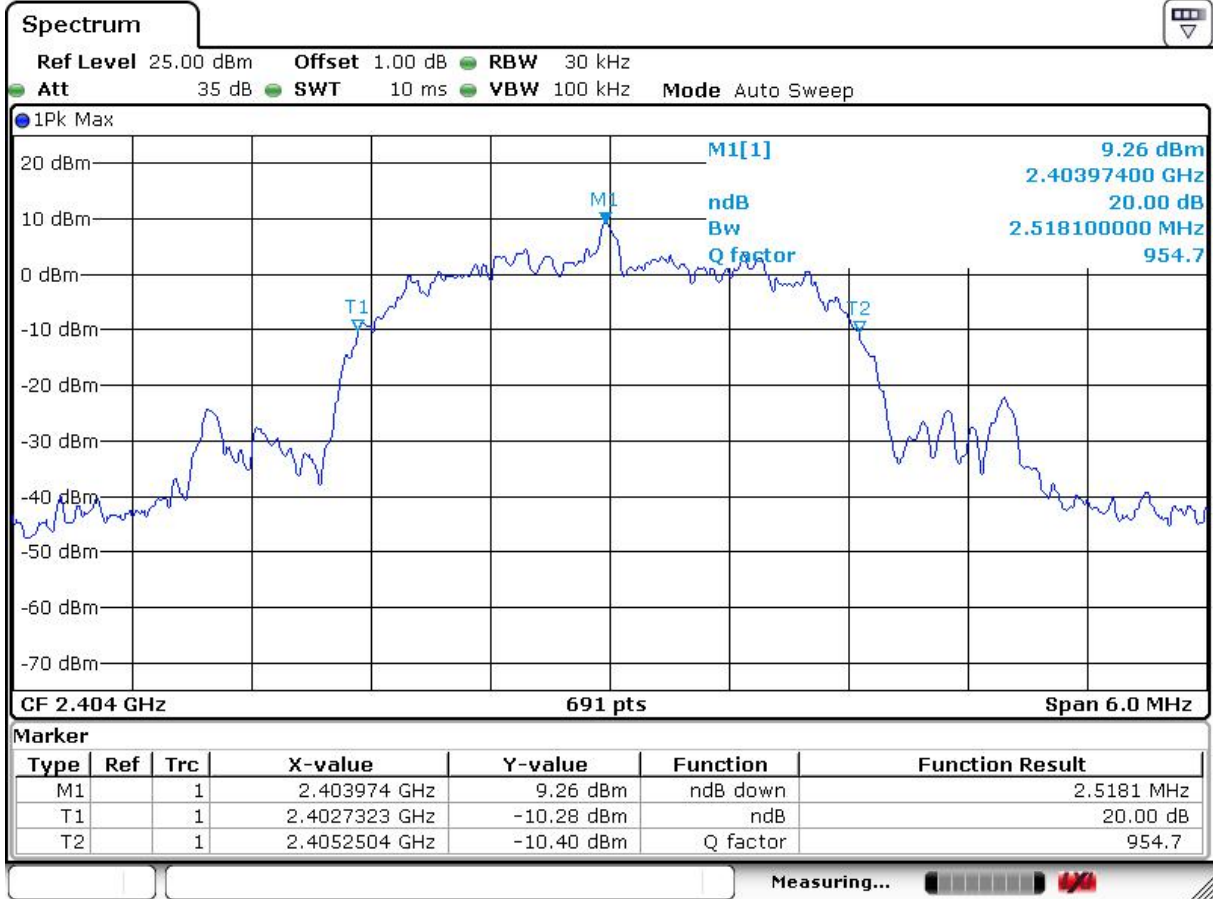


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4.5.9 Test plots (UHD 2MHz 8PSK High Power)

4.5.9.1 Lowest Channel



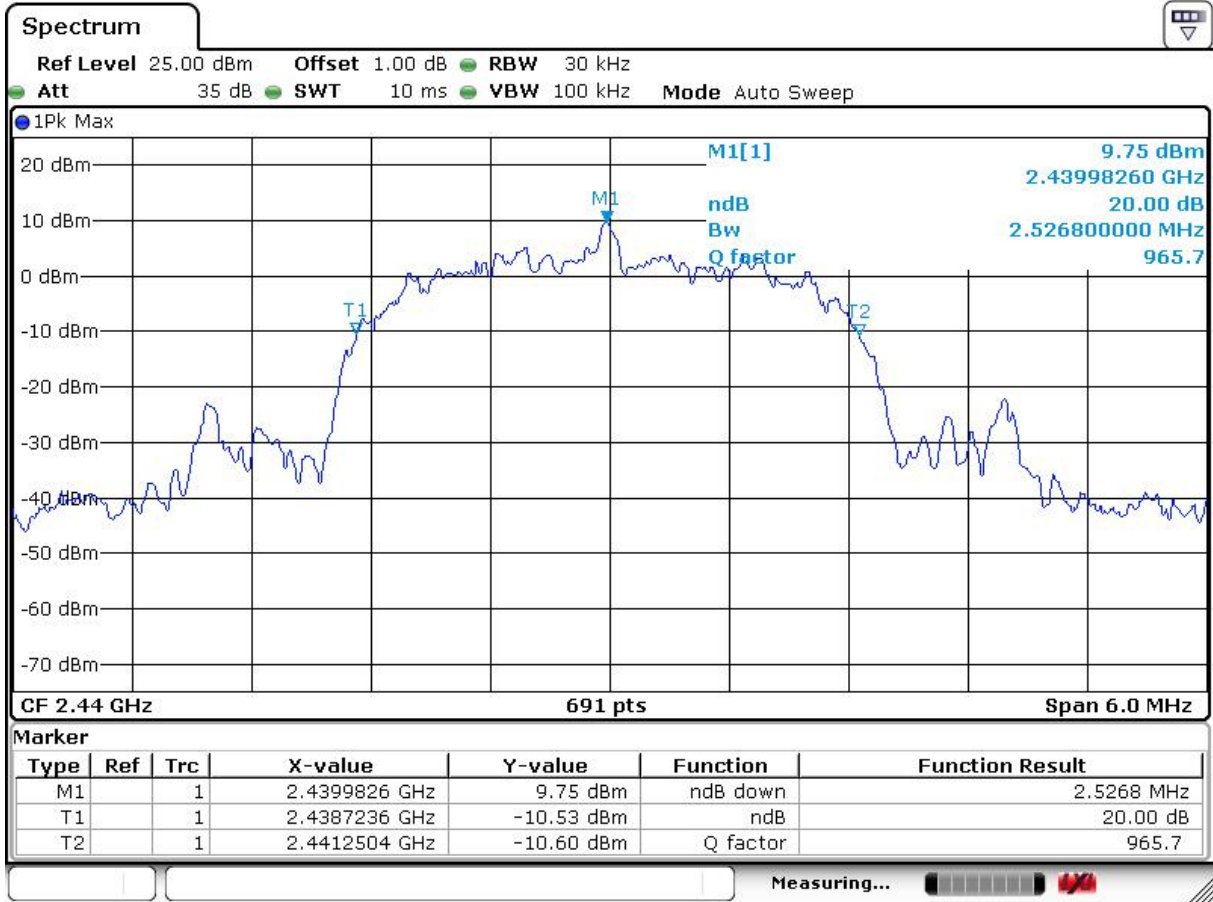
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4.5.9.2 Middle Channel



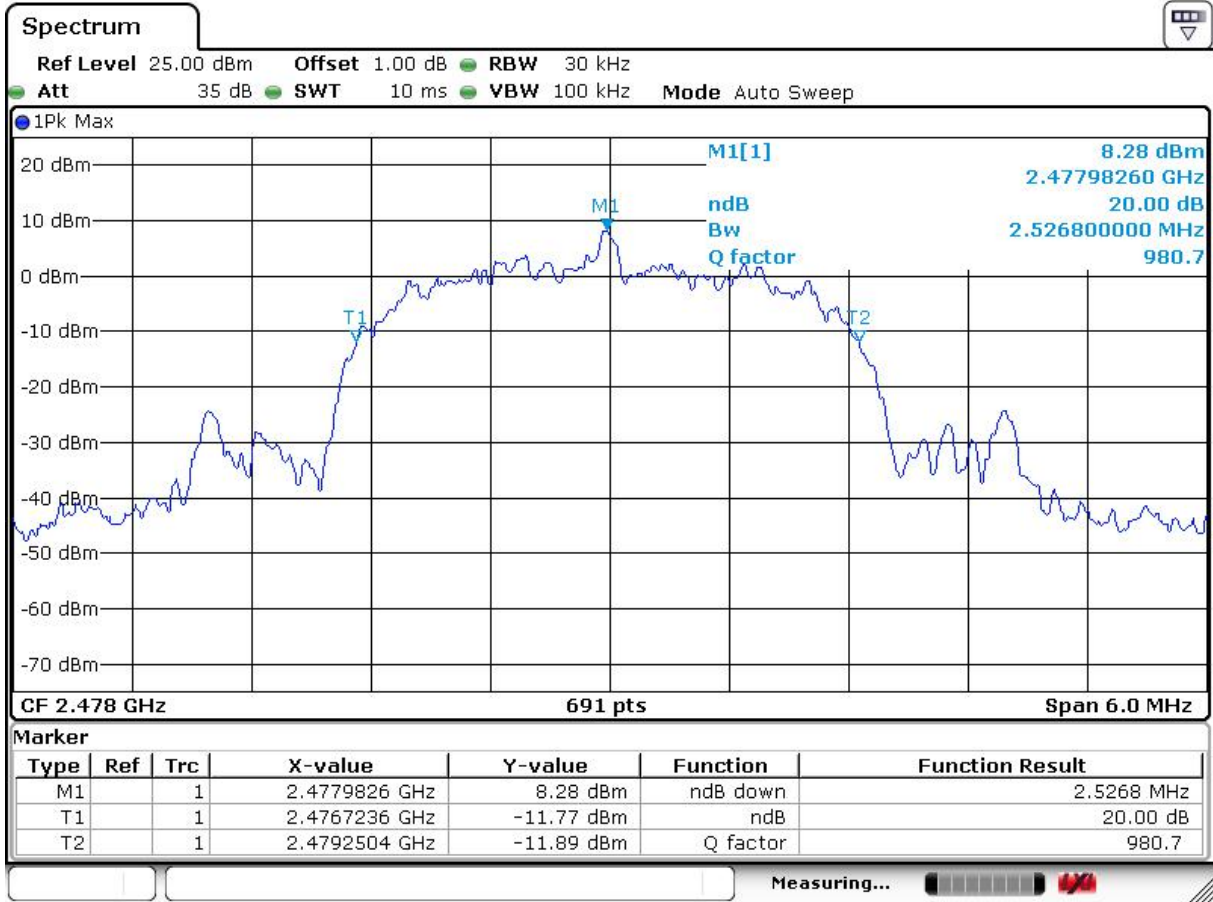
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4.5.9.3 Highest Channel



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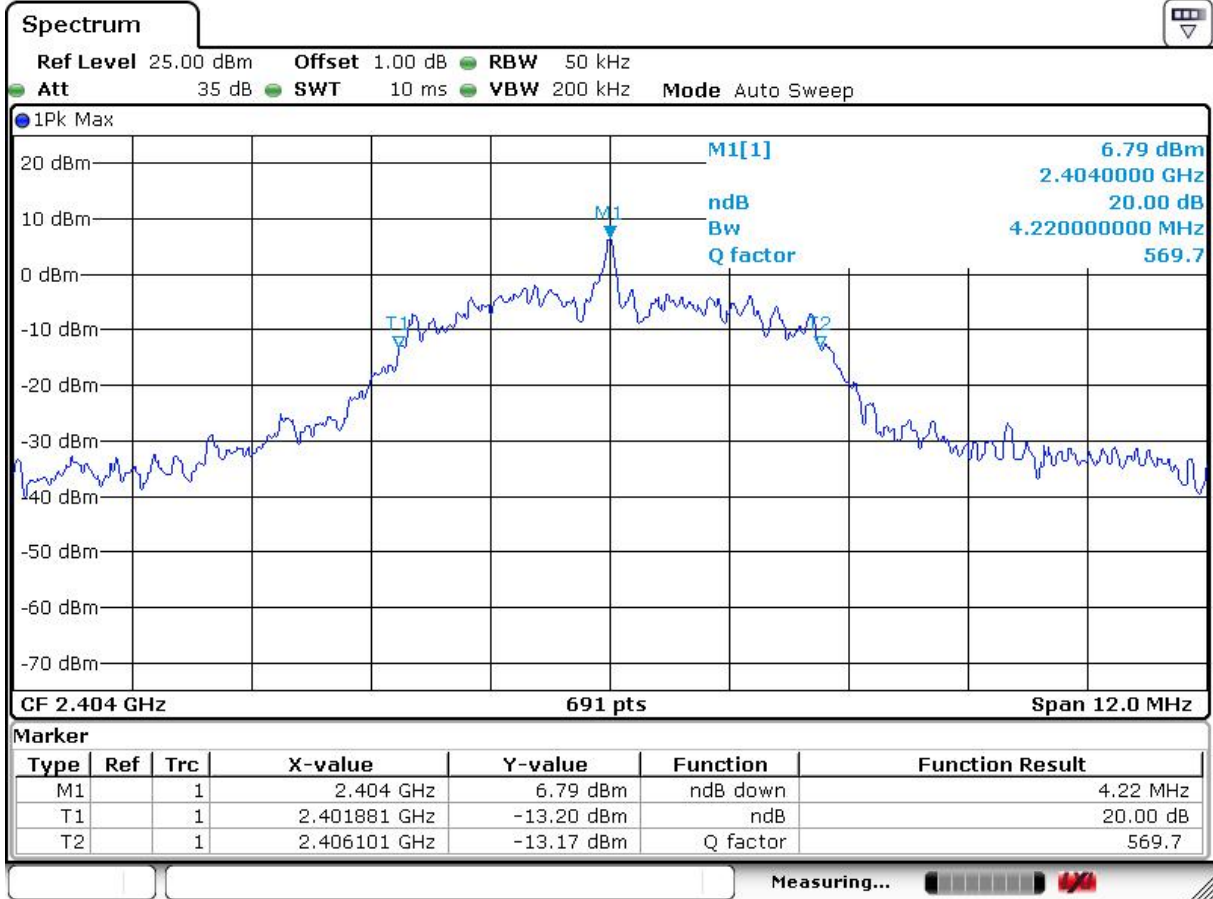


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4.5.10 Test plots (UHD 4MHz)

4.5.10.1 Lowest Channel



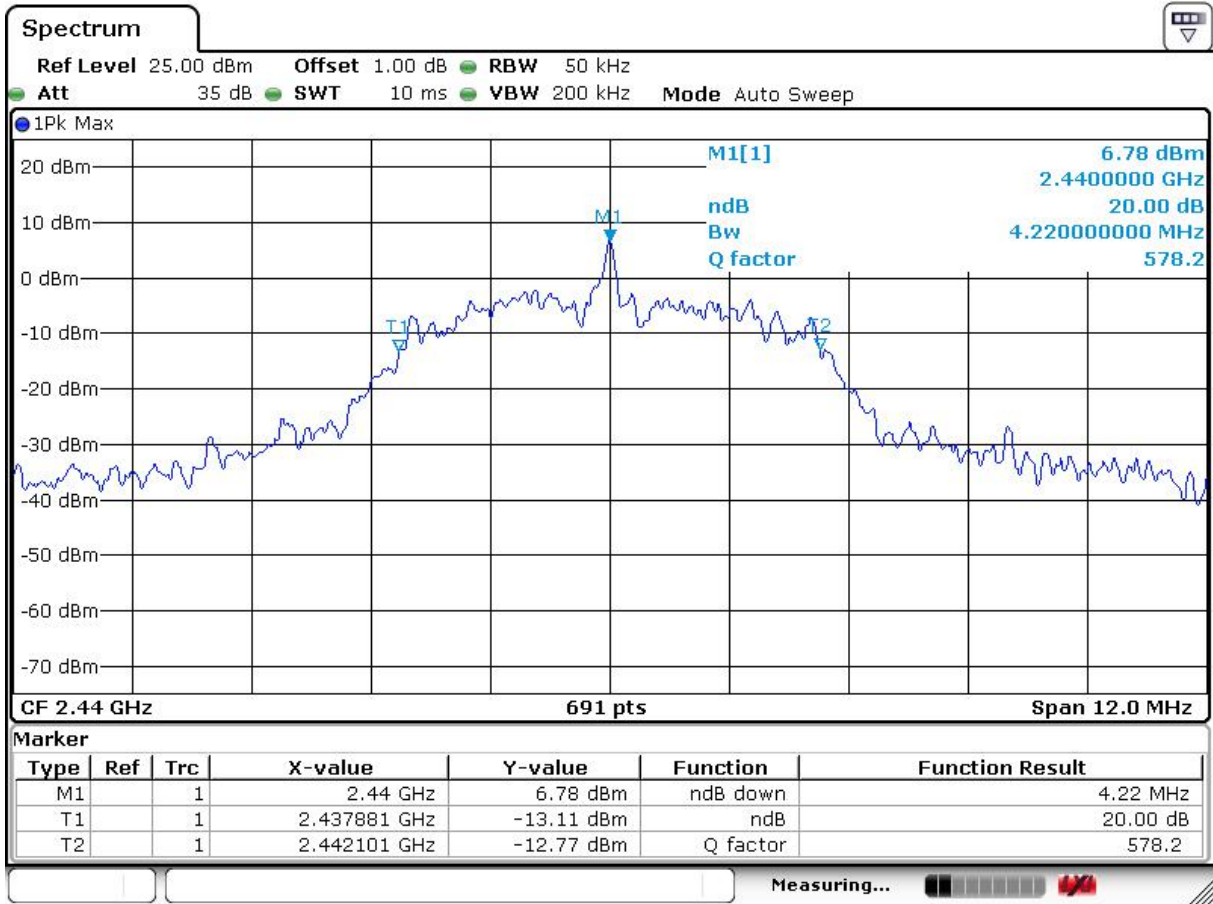
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4.5.10.2 Middle Channel



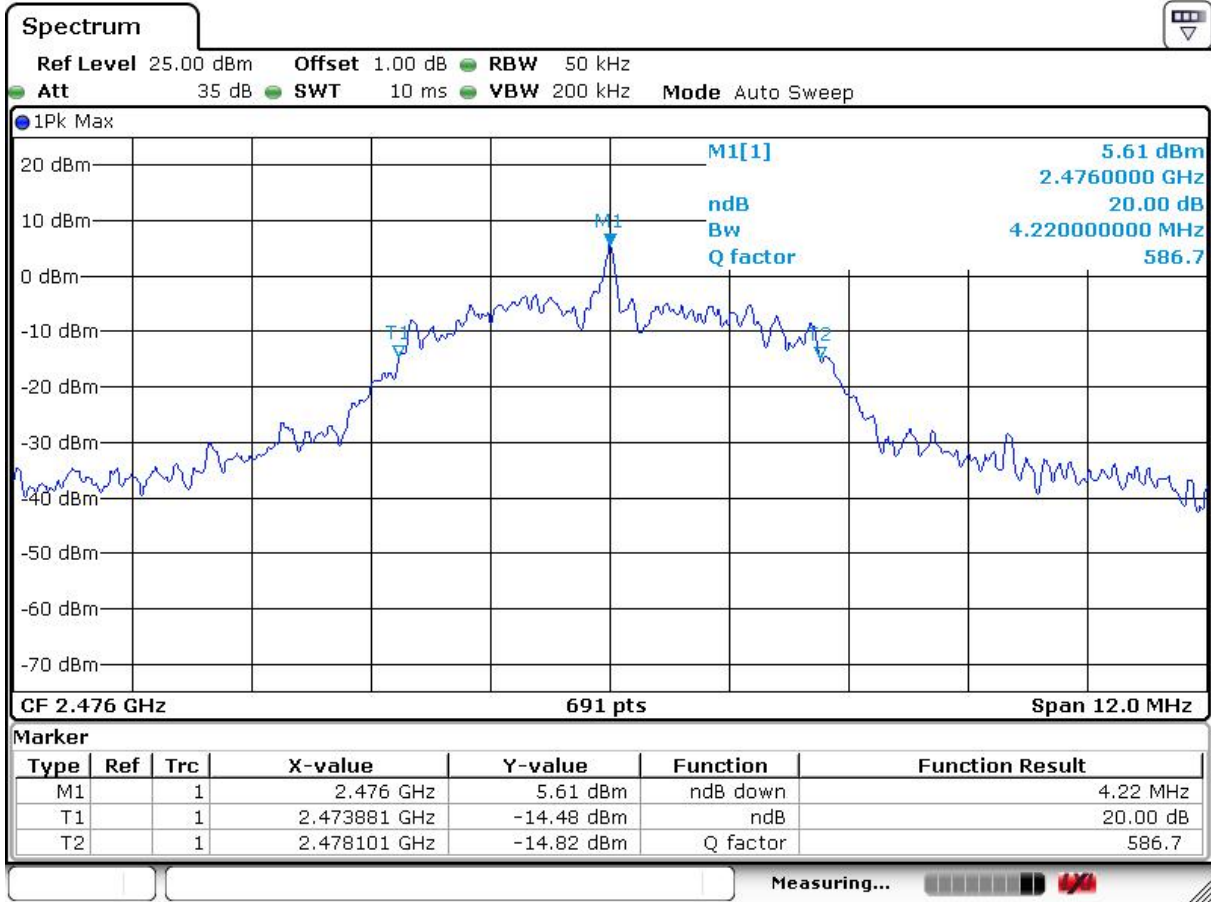
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4.5.10.3 Highest Channel



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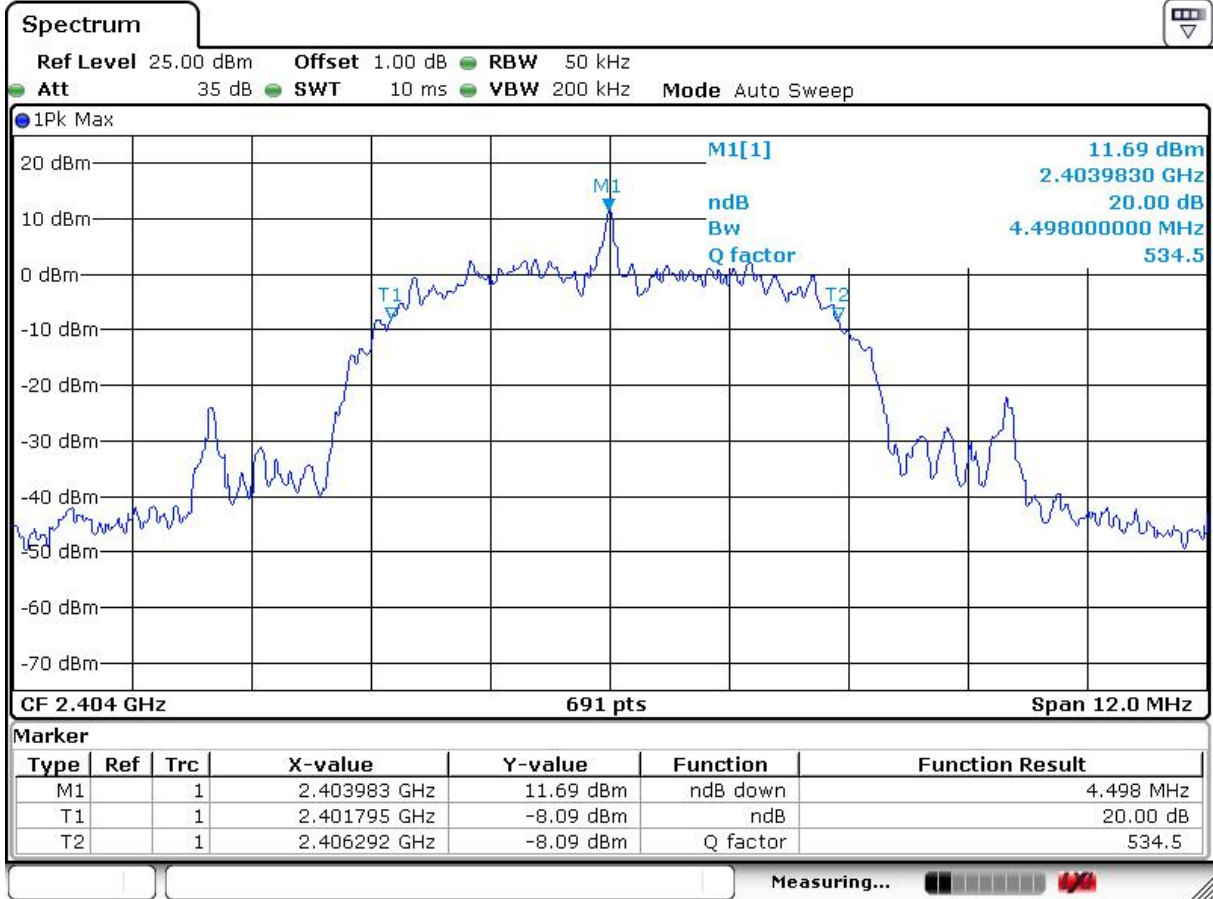


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4.5.11 Test plots (UHD 4MHz High Power)

4.5.11.1 Lowest Channel

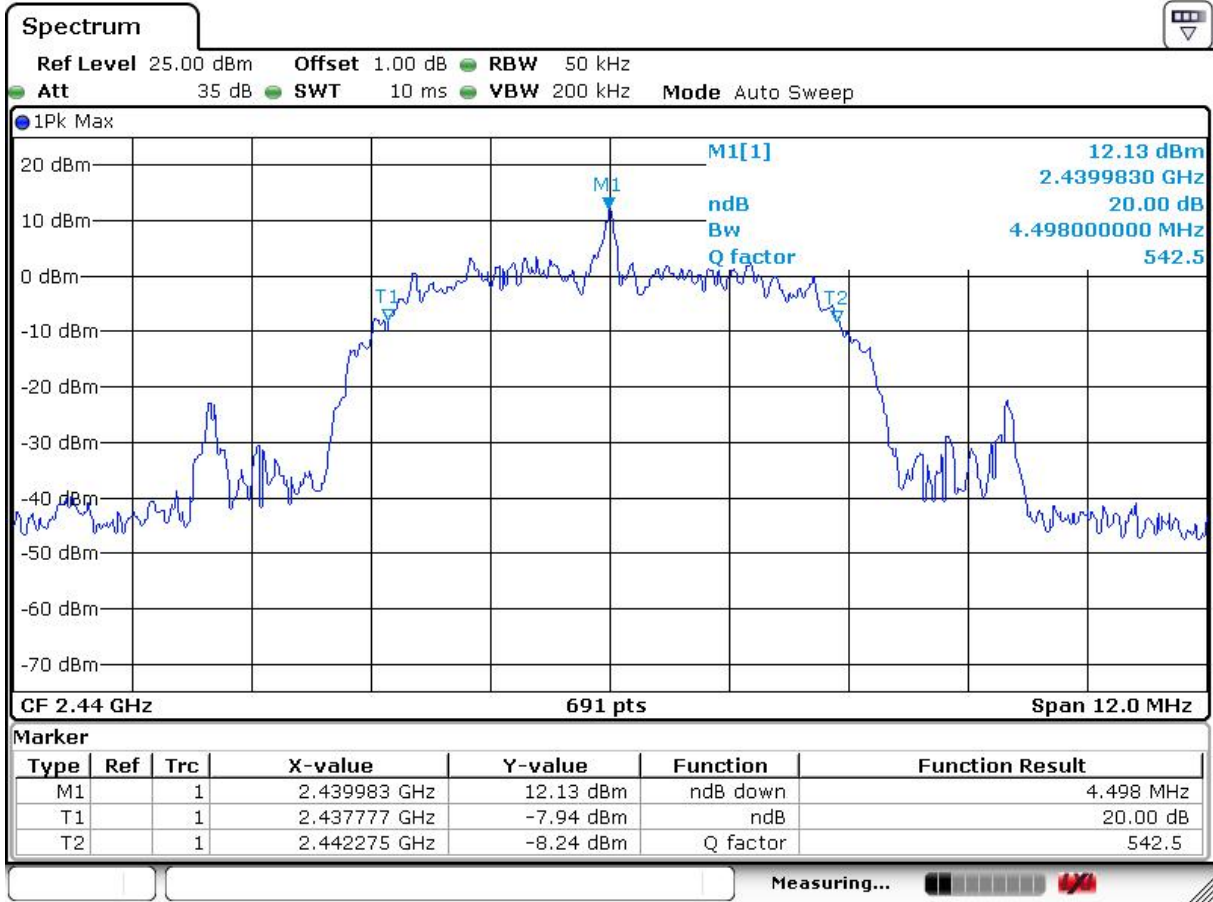


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4.5.11.2 Middle Channel



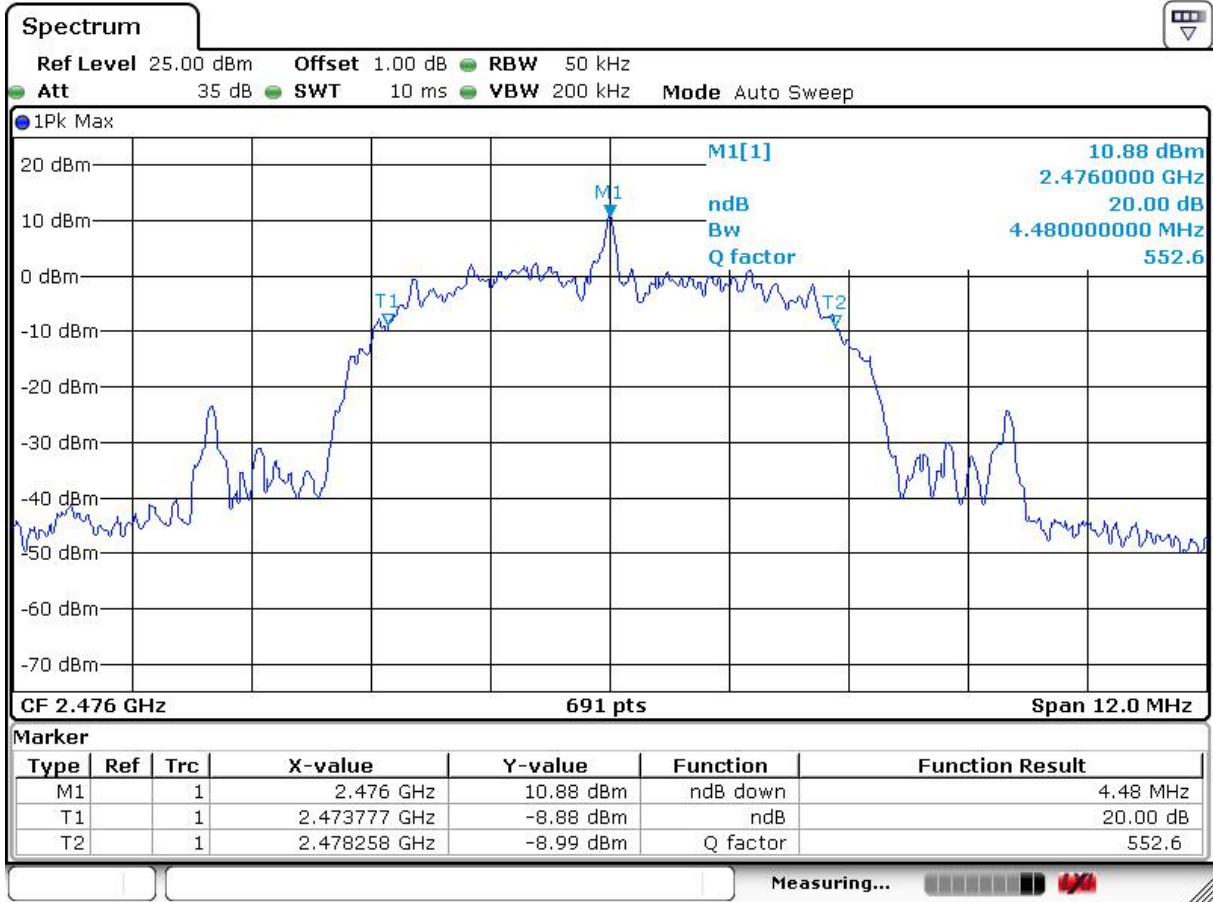
Date: 8 APR 2020 09:01:10



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4.5.11.3 Highest Channel



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4.6 Carrier Frequencies Separation

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10:2013 Section 7.8.2
Test Setup:	
Limit:	2/3 of the 20dB bandwidth Remark: the transmission power is less than 0.125W.
Exploratory Test Mode:	Hopping transmitting with all kind of modulation and all kind of data type.
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4$ DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

4.6.1 Test Results

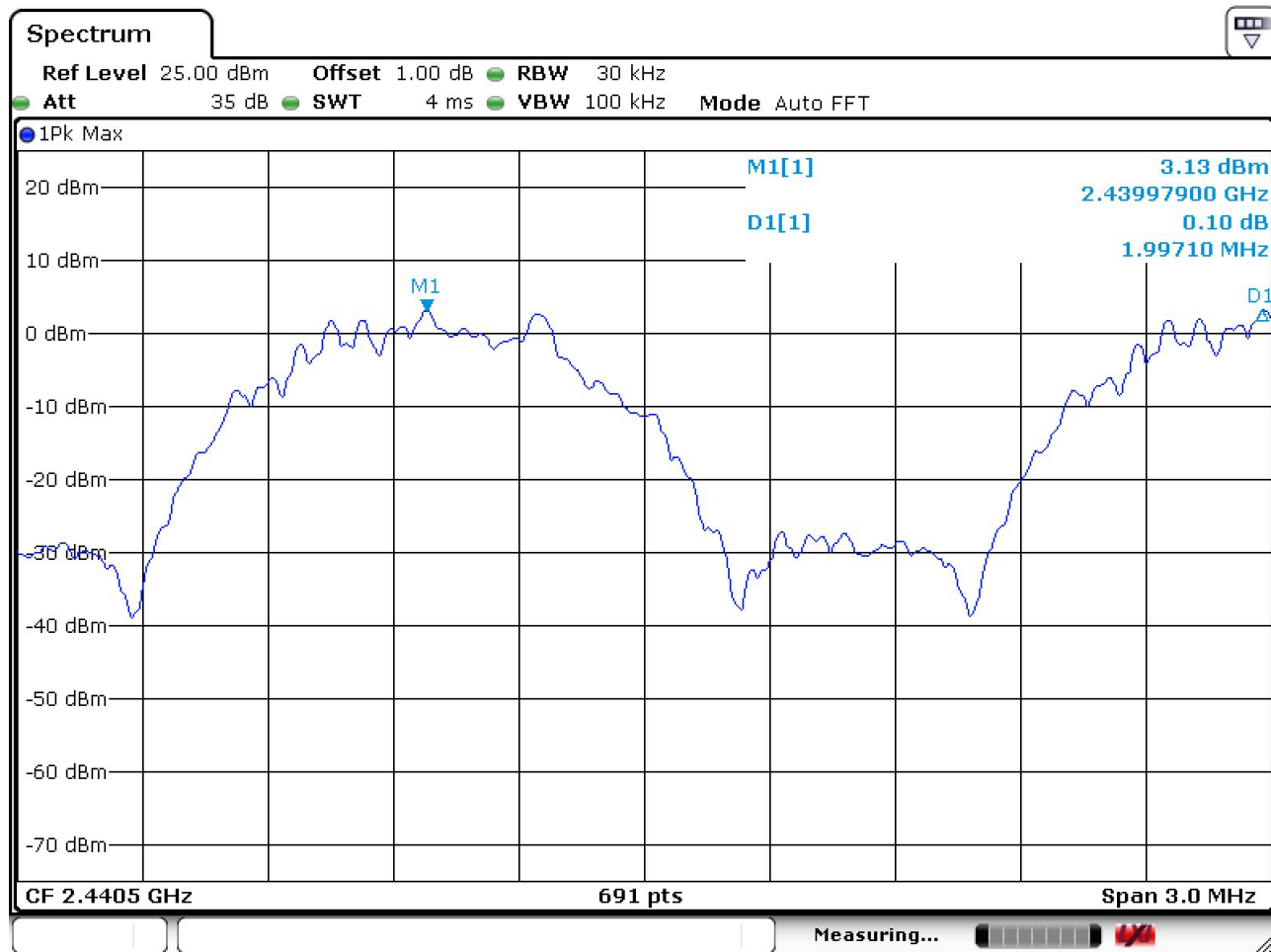
Mode	Test channel	Carrier Frequencies Separation (MHz)	Limit (MHz)	Result
1MHz	Middle	1.997	0.755	Pass
1MHz High Power	Middle	2.006	0.761	Pass
2MHz	Middle	1.997	1.471	Pass
2MHz High Power	Middle	1.997	1.627	Pass
UHD 2MHz	Middle	2.001	1.644	Pass
UHD 2MHz High Power	Middle	2.006	1.644	Pass
UHD 2MHz 8PSK	Middle	2.006	1.685	Pass
UHD 2MHz 8PSK High Power	Middle	2.001	1.685	Pass
UHD 4MHz	Middle	3.983	2.813	Pass
UHD 4MHz High Power	Middle	4.019	2.999	Pass



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4.6.2 Test plots (1MHz)

4.6.2.1 Middle Channel



Date: 8.APR.2020 10:17:56

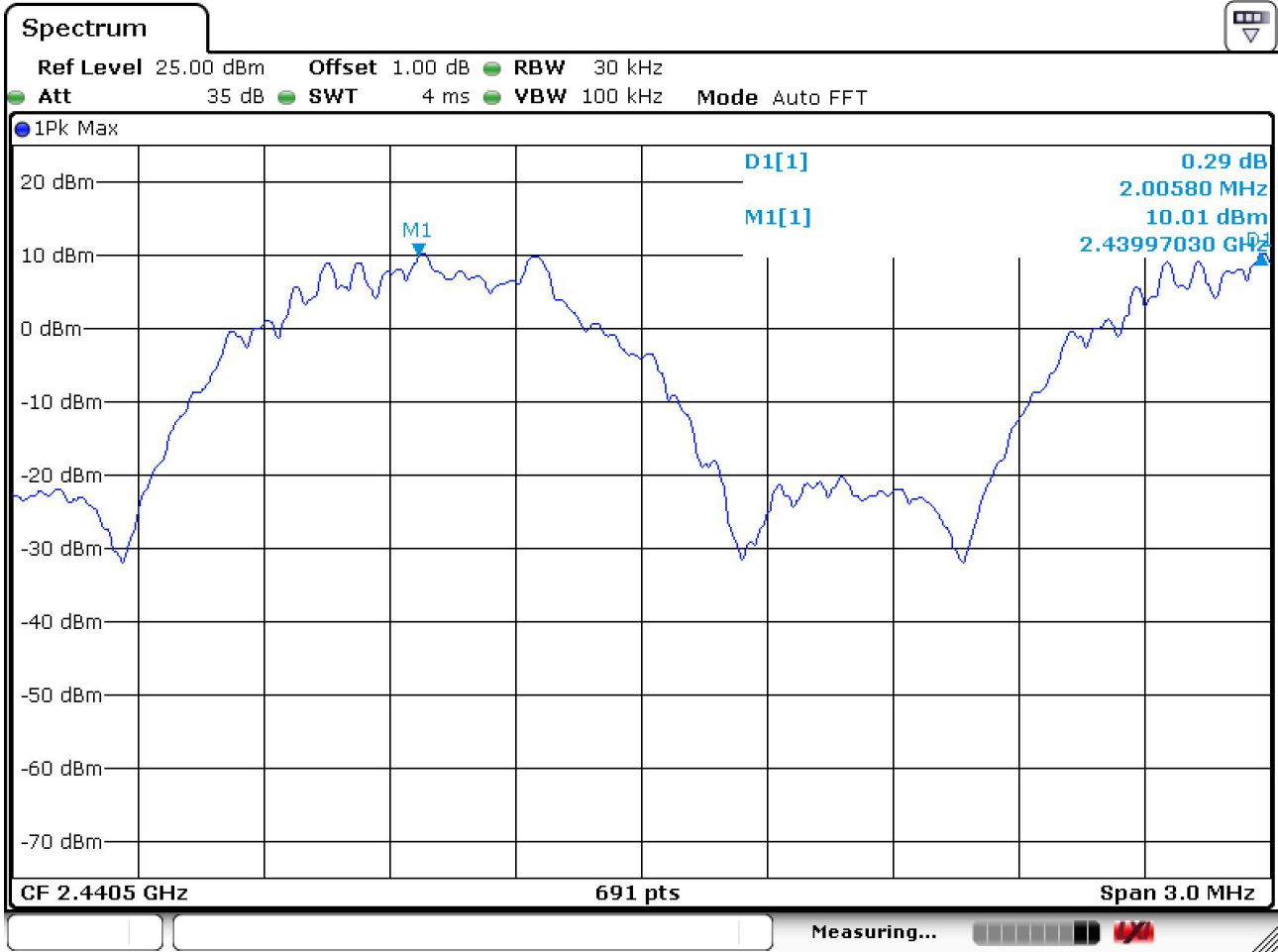


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4.6.3 Test plots (1MHz High Power)

4.6.3.1 Middle Channel



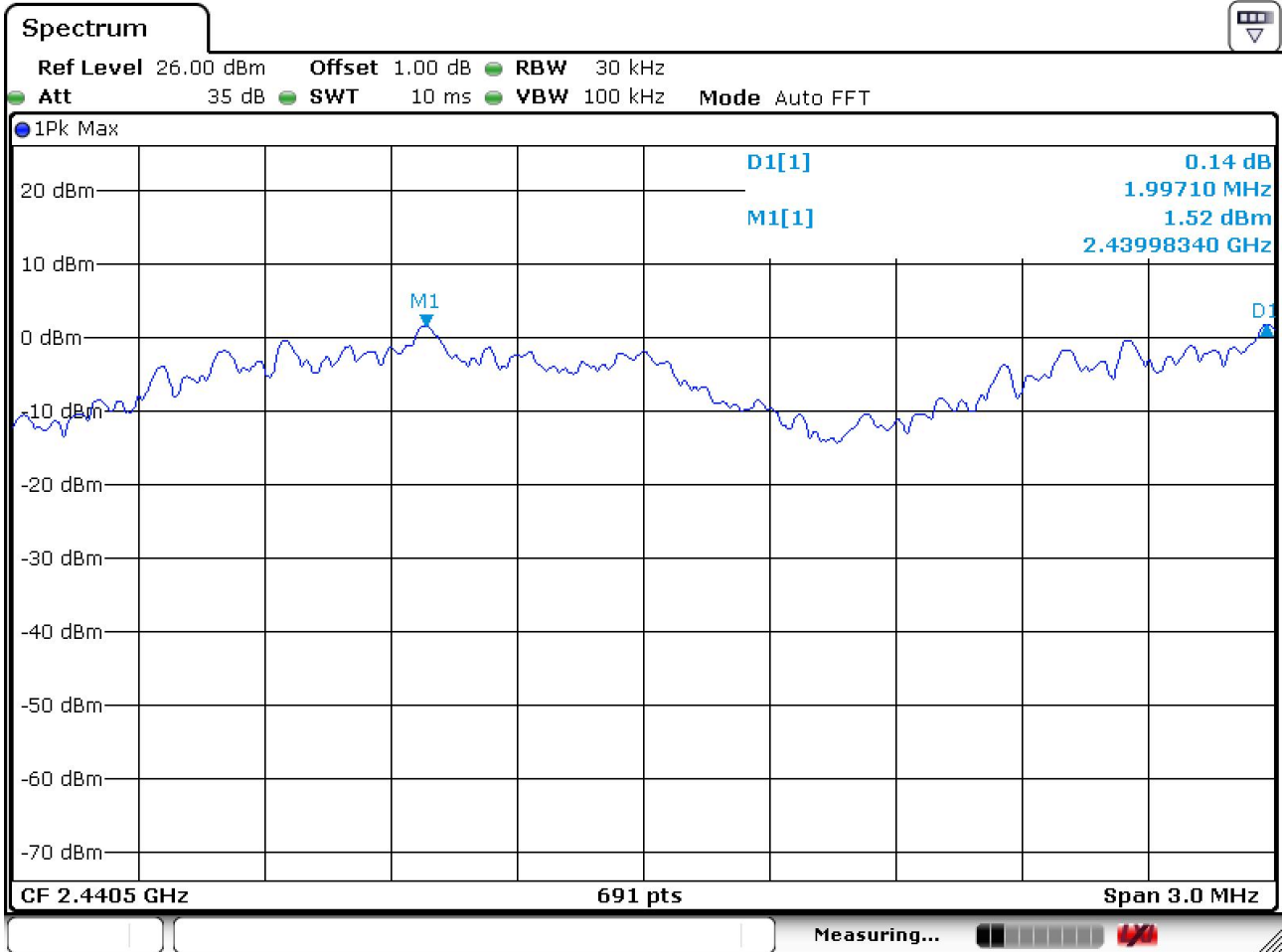
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4.6.4 Test plots (2MHz)

4.6.4.1 Middle Channel



Date: 8.APR.2020 10:29:46

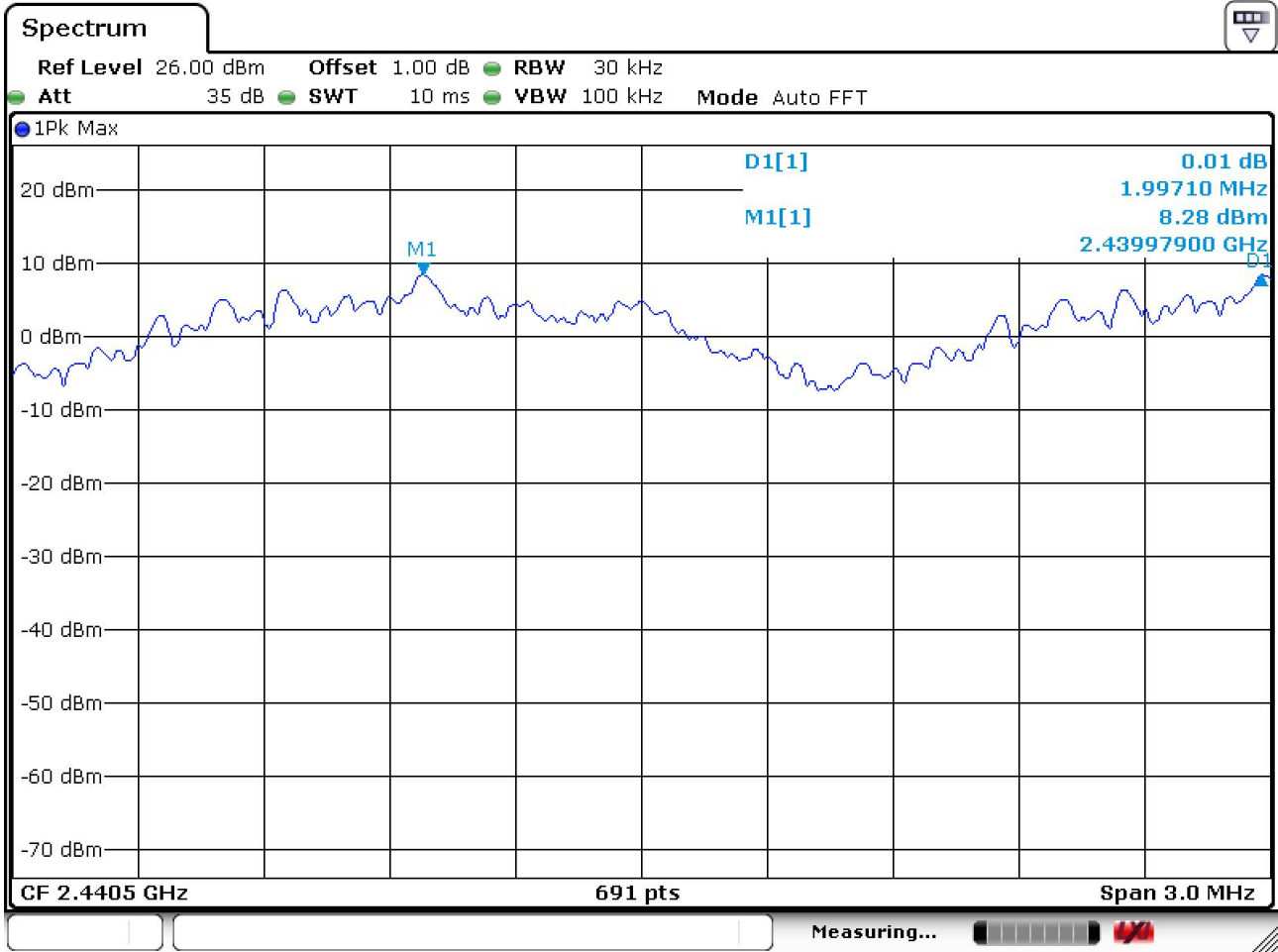


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4.6.5 Test plots (2MHz High Power)

4.6.5.1 Middle Channel



Date: 8.APR.2020 10:34:57



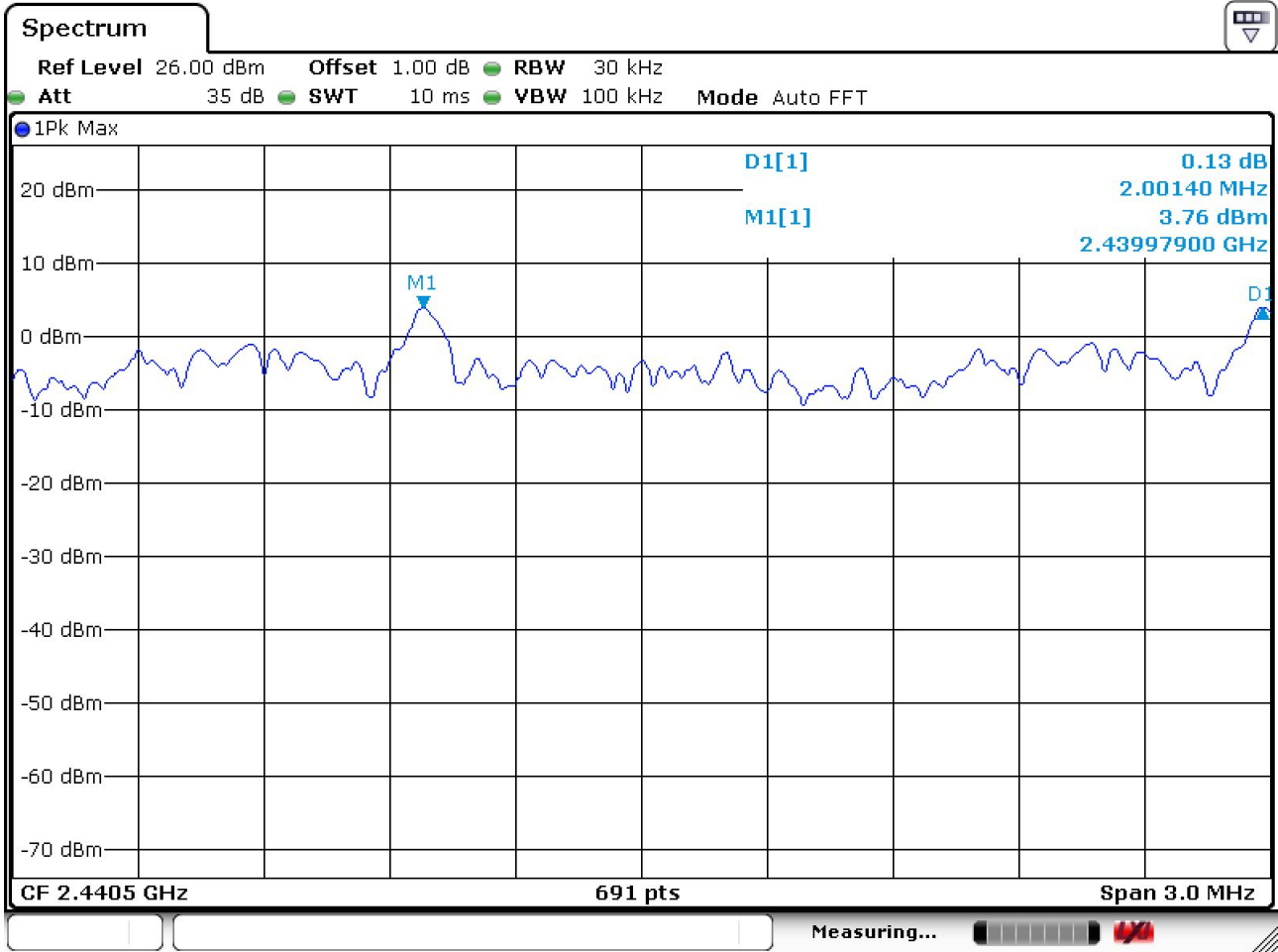
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4.6.6 Test plots (UHD 2MHz)

4.6.6.1 Middle Channel



Date: 8.APR.2020 11:51:11



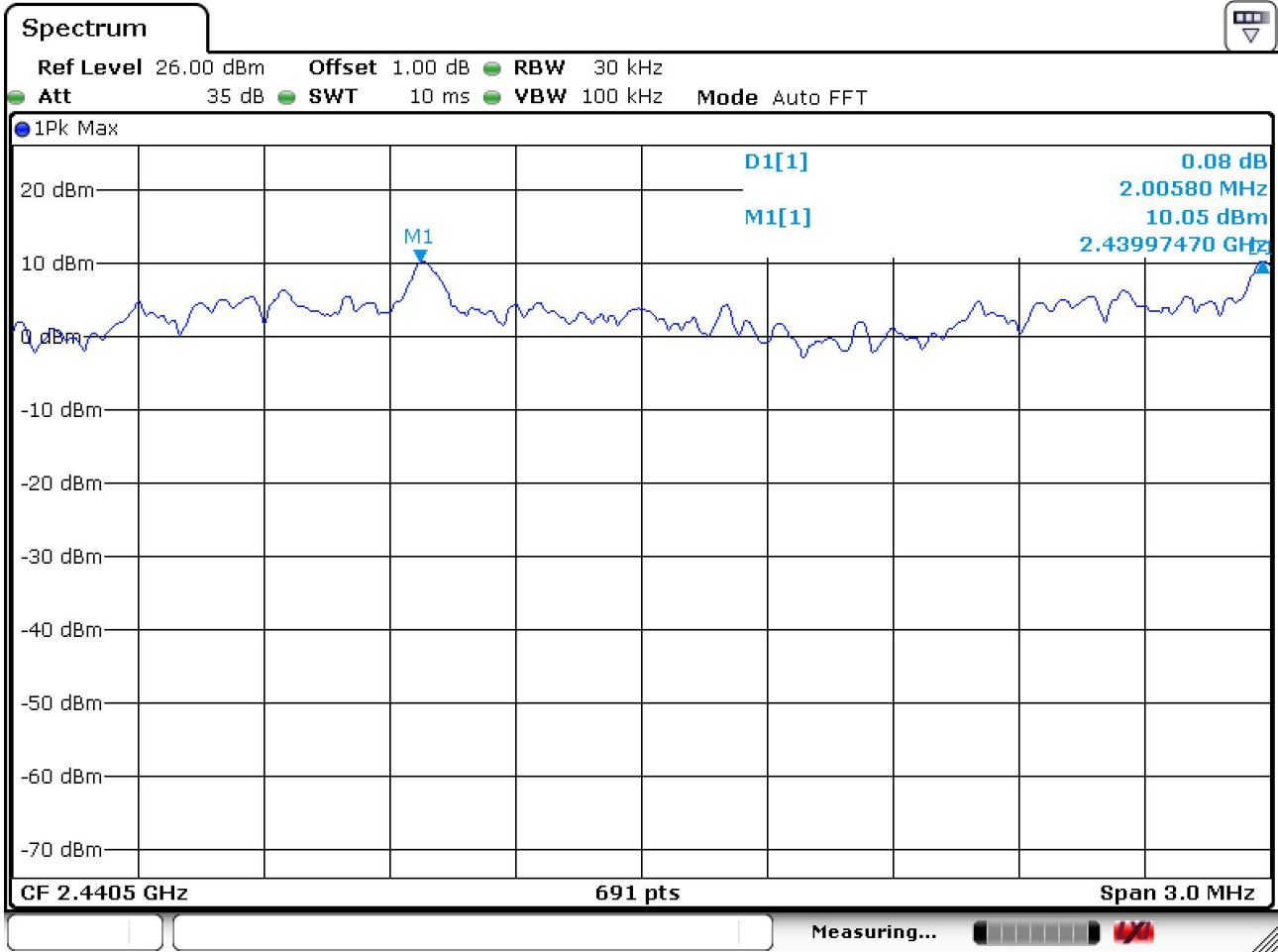
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4.6.7 Test plots (UHD 2MHz High Power)

4.6.7.1 Middle Channel



Date: 8.APR.2020 11:57:11



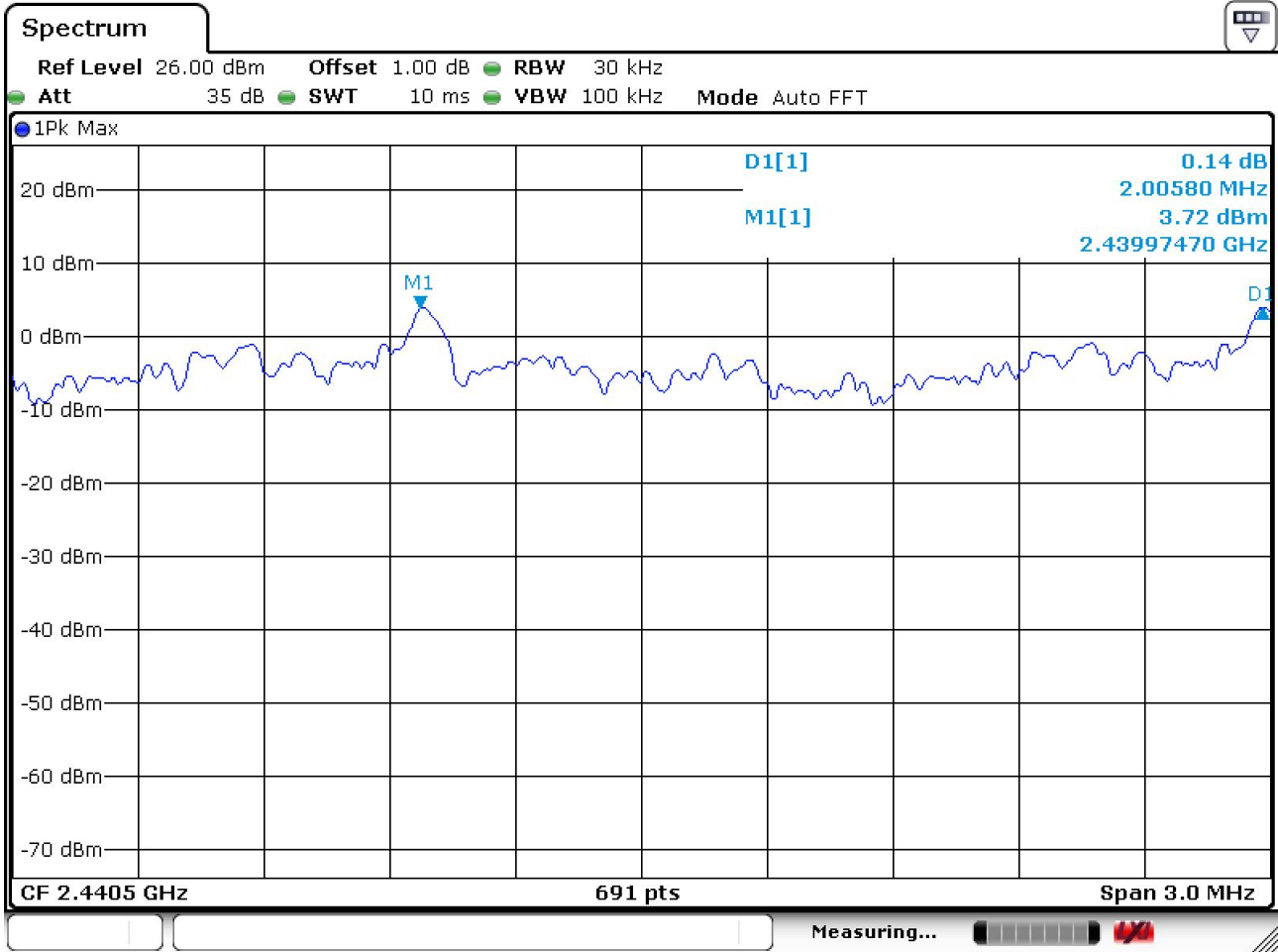
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4.6.8 Test plots (UHD 2MHz 8PSK)

4.6.8.1 Middle Channel



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