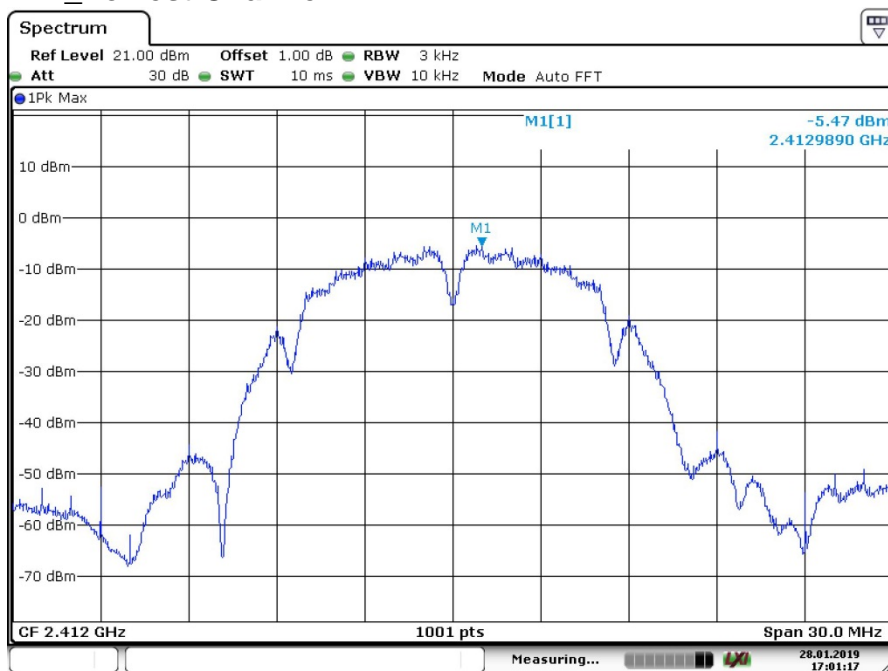


## 4.6.2 Test plots

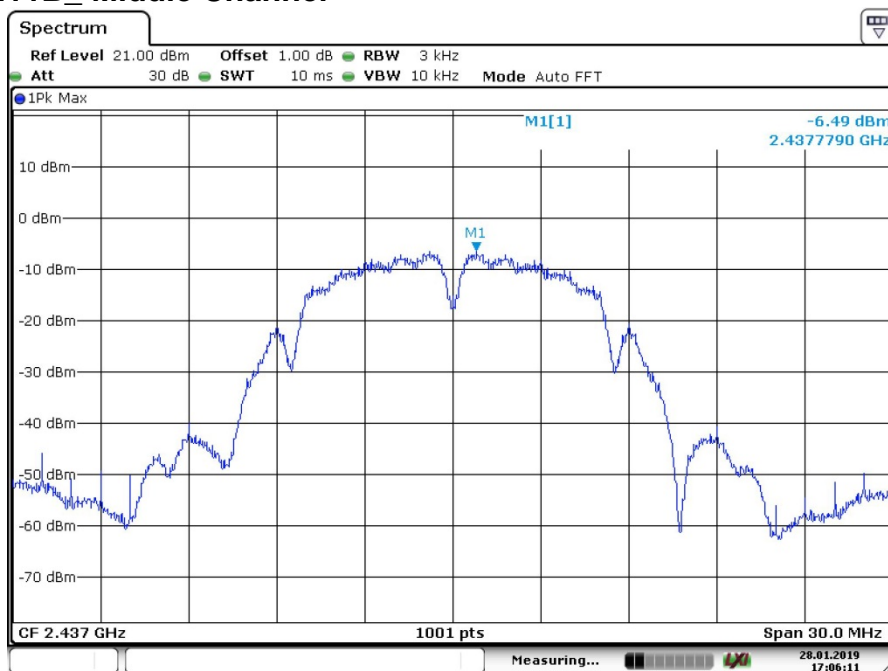
## 4.6.2.1 ANT1

## 4.6.2.1.1 802.11B\_Lowest Channel



Date: 28.JAN.2019 17:01:17

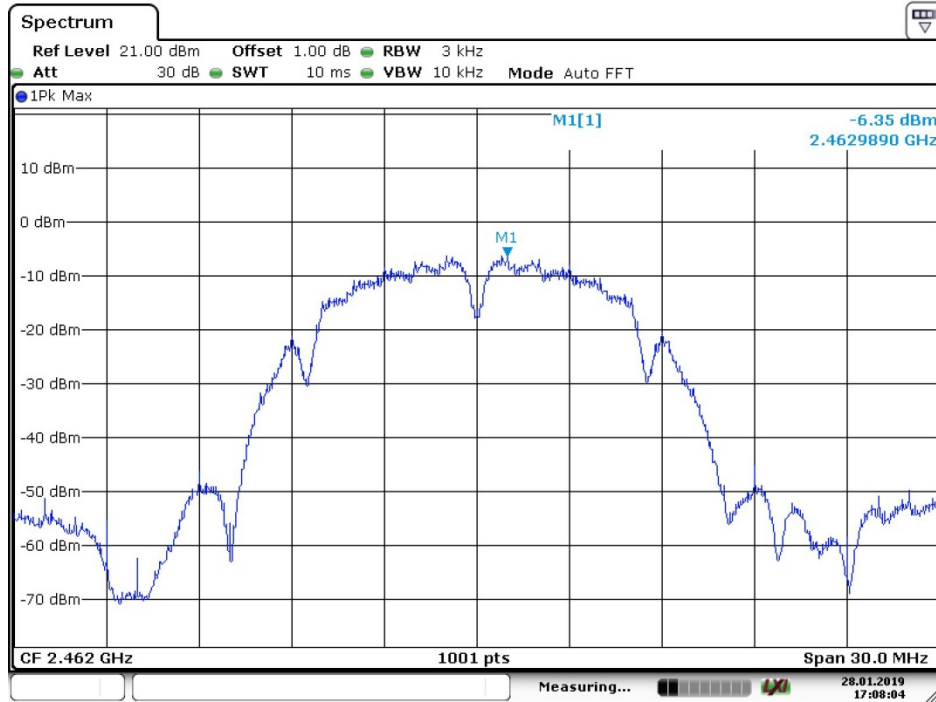
## 4.6.2.1.2 802.11B\_Middle Channel



Date: 28.JAN.2019 17:06:12

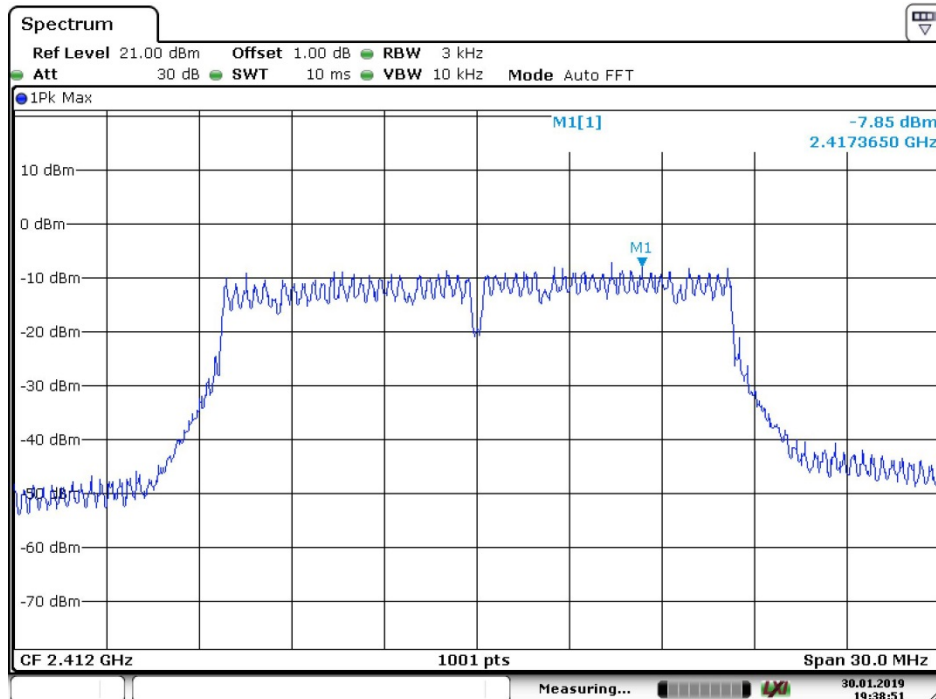


#### 4.6.2.1.3 802.11B\_Highest Channel



Date: 28. JAN 2019 17:08:04

#### 4.6.2.1.4 802.11G\_Lowest Channel



Date: 30. JAN 2019 19:38:51



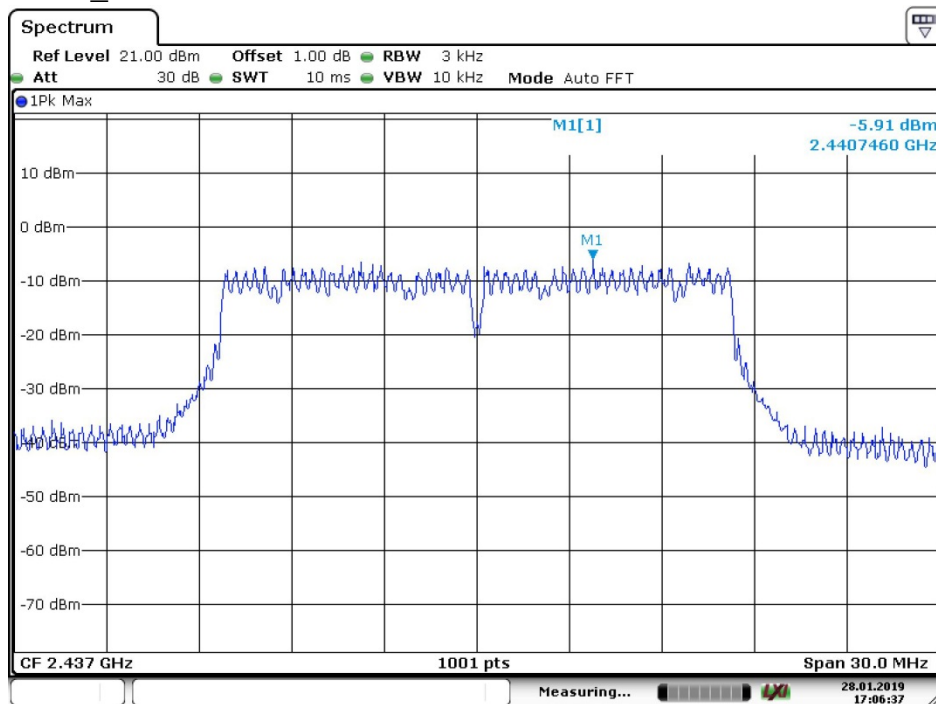
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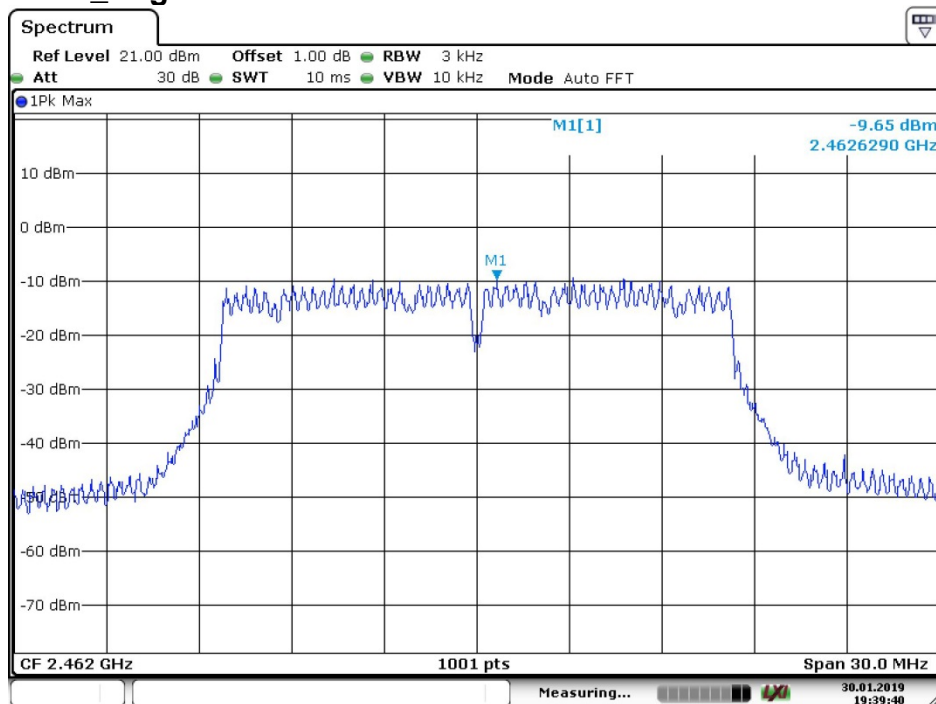
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#### 4.6.2.1.5 802.11G\_Middle Channel



Date: 28. JAN 2019 17:06:37

#### 4.6.2.1.6 802.11G\_Highest Channel



Date: 30. JAN 2019 19:39:40

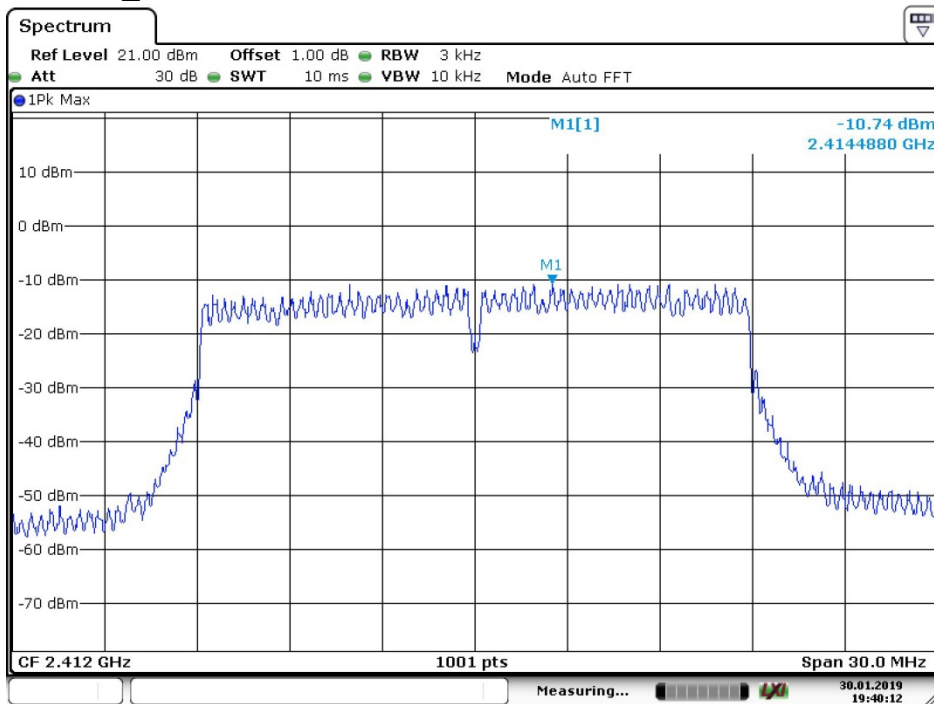


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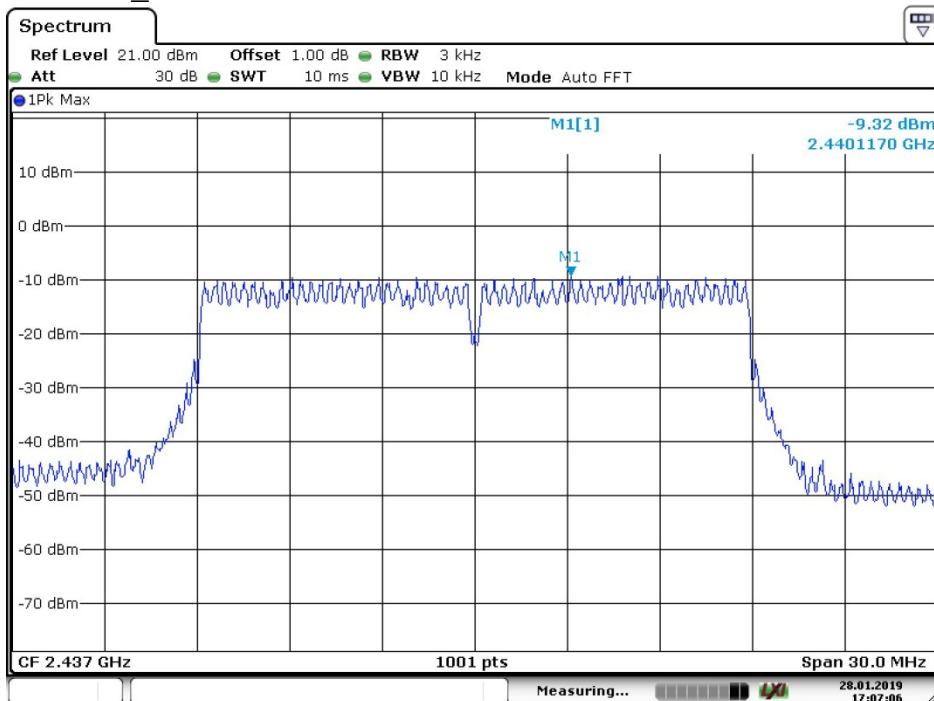
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#### 4.6.2.1.7 802.11N20\_Lowest Channel



Date: 30 JAN 2019 19:40:12

#### 4.6.2.1.8 802.11 N20\_ Middle Channel



Date: 28 JAN 2019 17:07:06



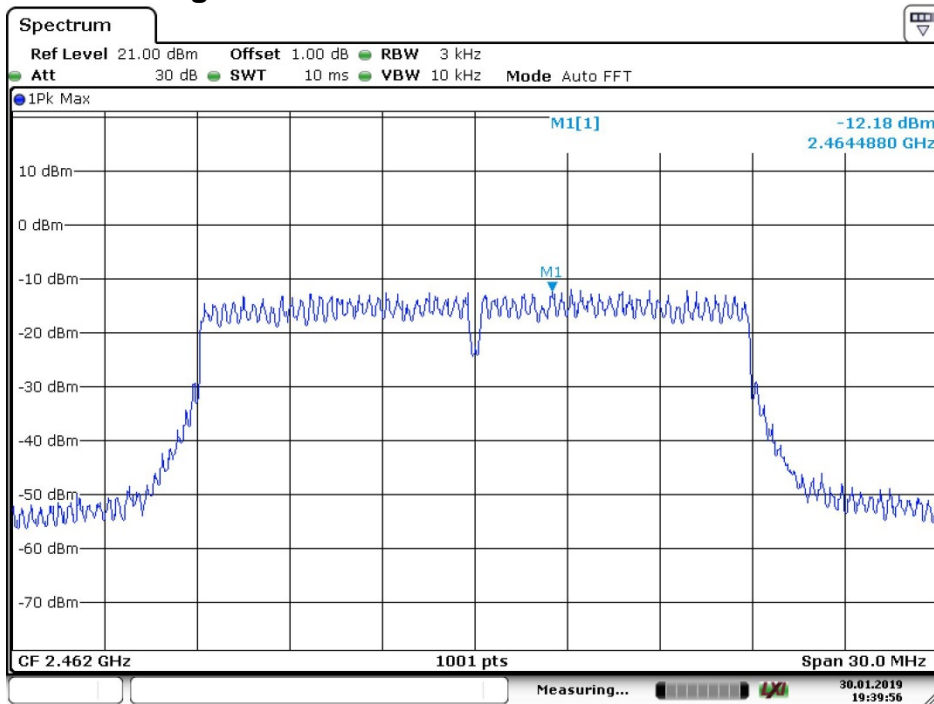
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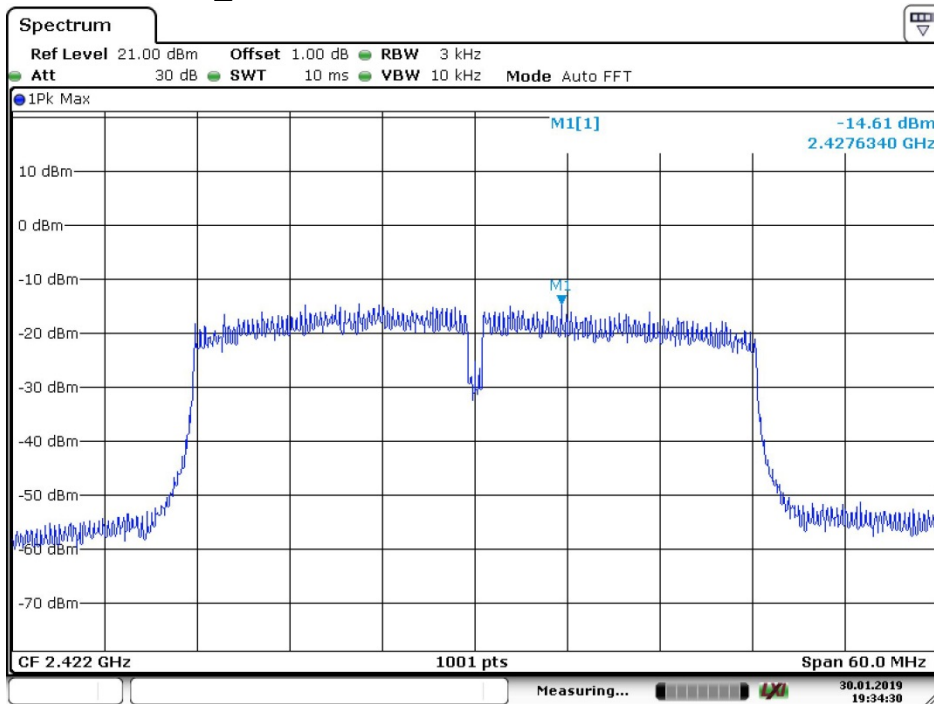


#### 4.6.2.1.9 802.11 N20\_ Highest Channel



Date: 30 JAN 2019 19:39:57

#### 4.6.2.1.10 802.11N40\_ Lowest Channel



Date: 30 JAN 2019 19:34:31

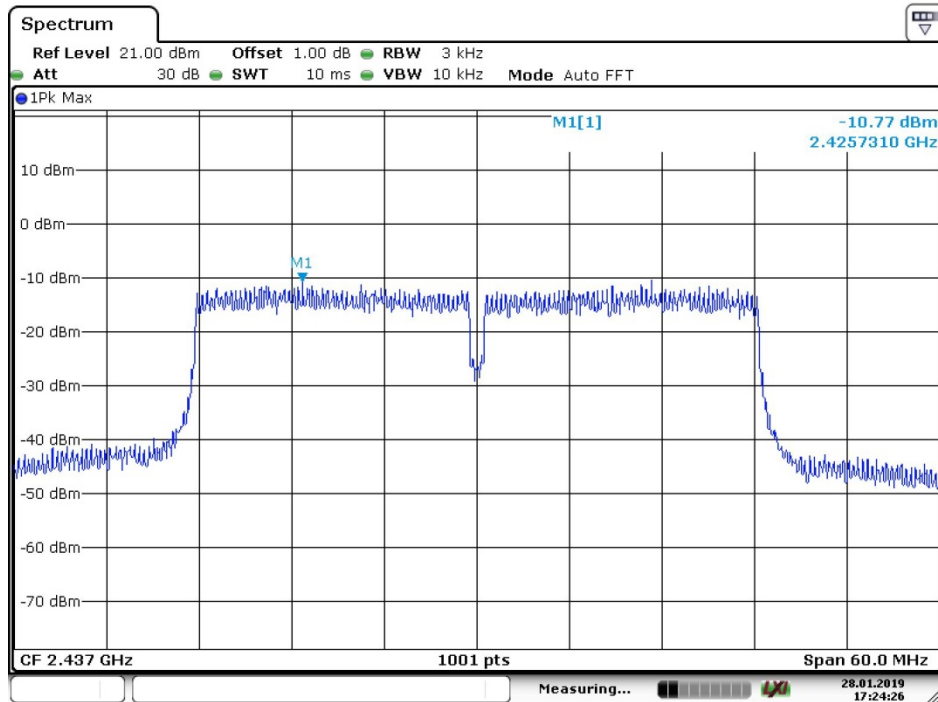


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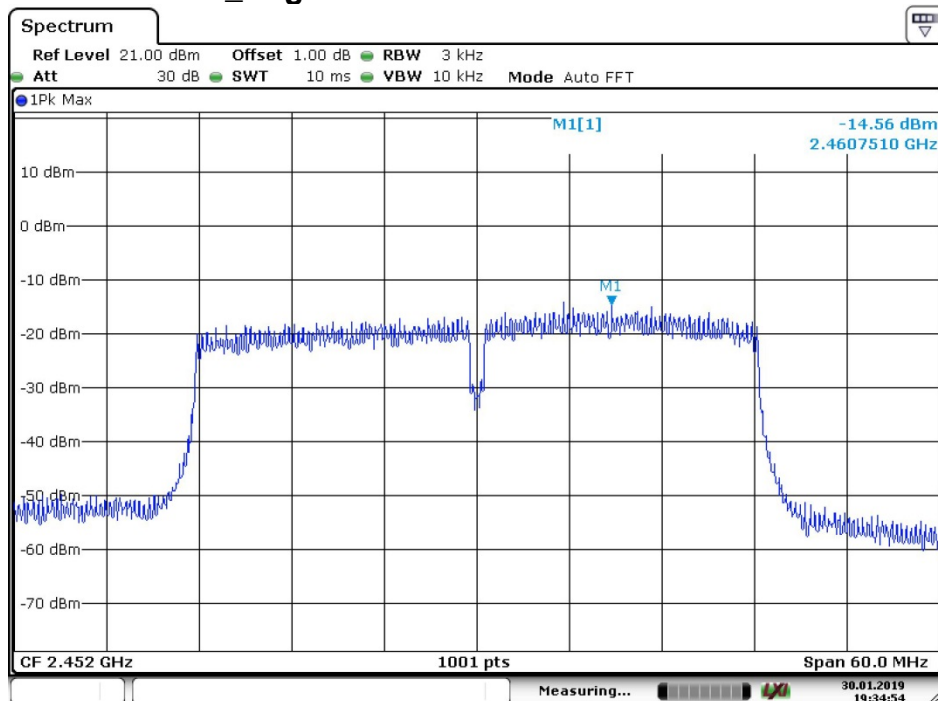
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#### 4.6.2.1.11 802.11 N40\_ Middle Channel



Date: 28. JAN 2019 17:24:26

#### 4.6.2.1.12 802.11 N40\_ Highest Channel



Date: 30. JAN 2019 19:34:55

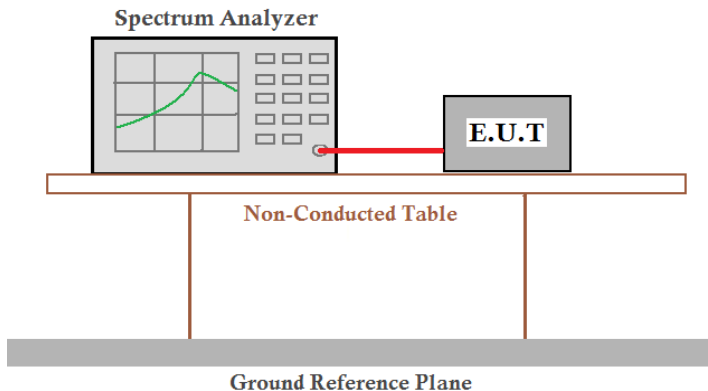


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## 4.7 Band-edge for RF Conducted Emissions

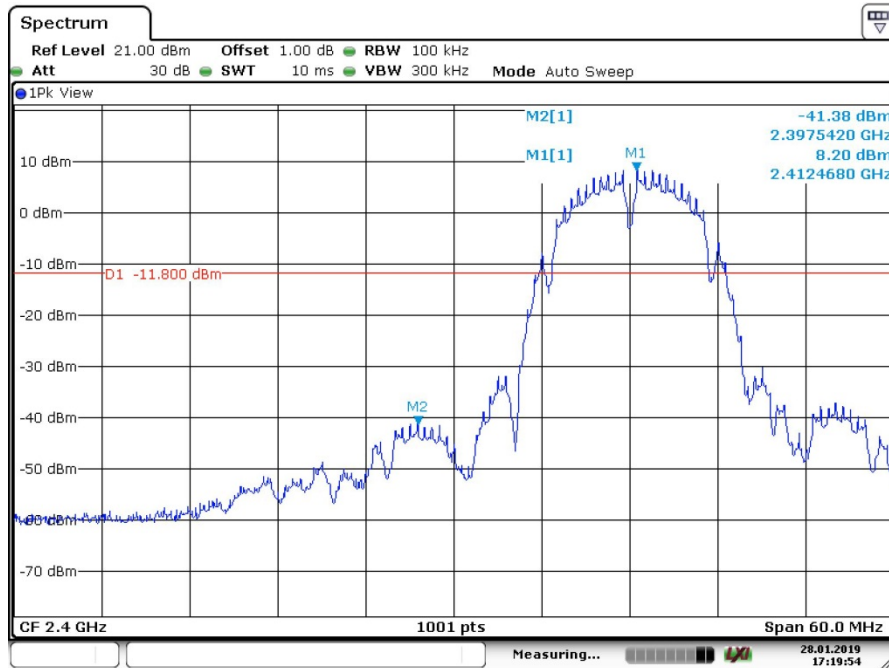
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.13
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	<p>Through Pre-scan, find the</p> <p>1Mbps of rate is the worst case of 802.11B;</p> <p>6Mbps of rate is the worst case of 802.11G ;</p> <p>6.5Mbps of rate is the worst case of 802.11N(HT20) ;</p> <p>13.5Mbps of rate is the worst case of 802.11N(HT40).</p>
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



## 4.7.1 Test plots

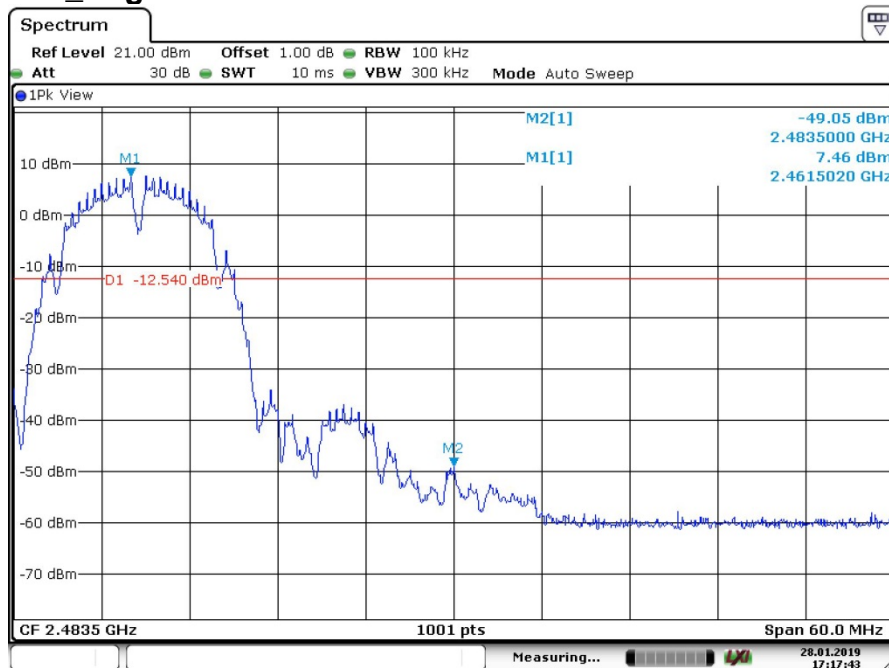
### 4.7.1.1 ANT1

#### 4.7.1.1.1 802.11B\_Lowest Channel



Date: 28.JAN.2019 17:19:54

#### 4.7.1.1.2 802.11B\_Highest Channel

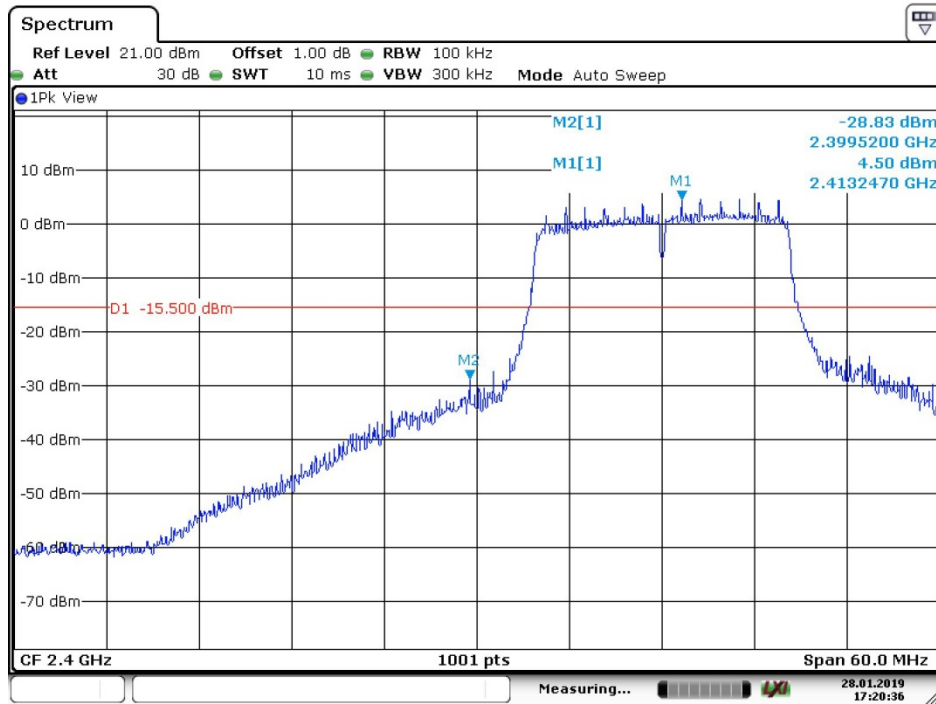


Date: 28.JAN.2019 17:17:44



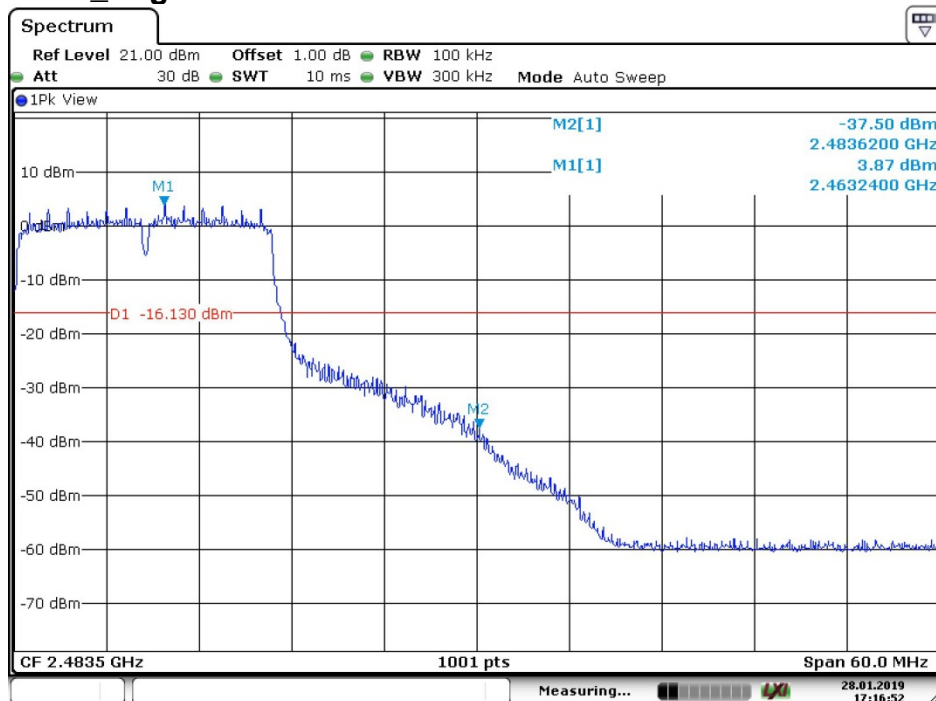


#### 4.7.1.1.3 802.11G\_Lowest Channel



Date: 28. JAN 2019 17:20:36

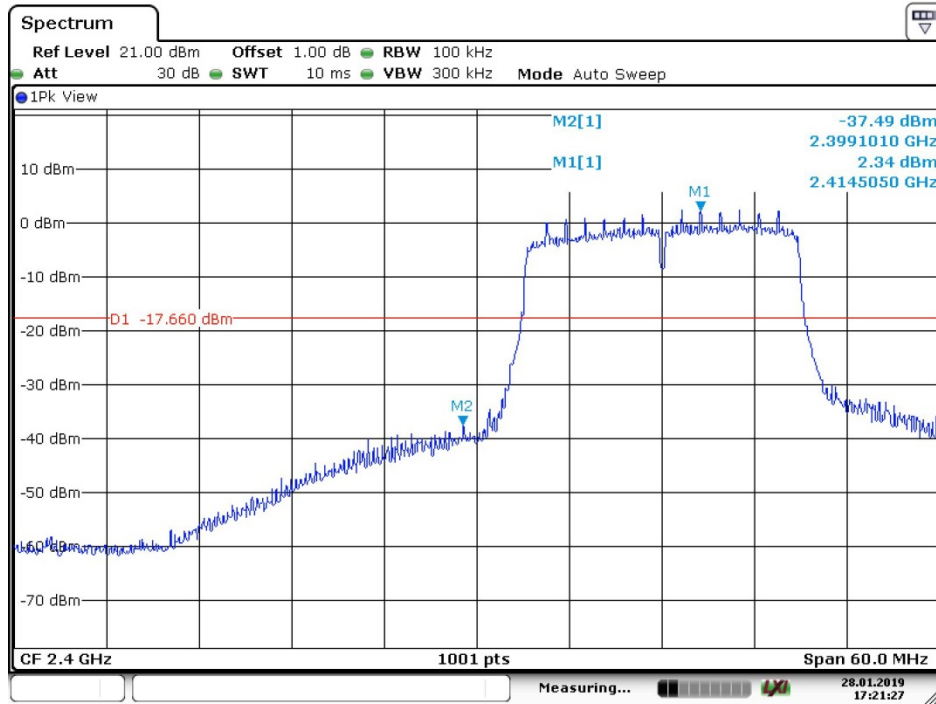
#### 4.7.1.1.4 802.11G\_Highest Channel



Date: 28. JAN 2019 17:16:52

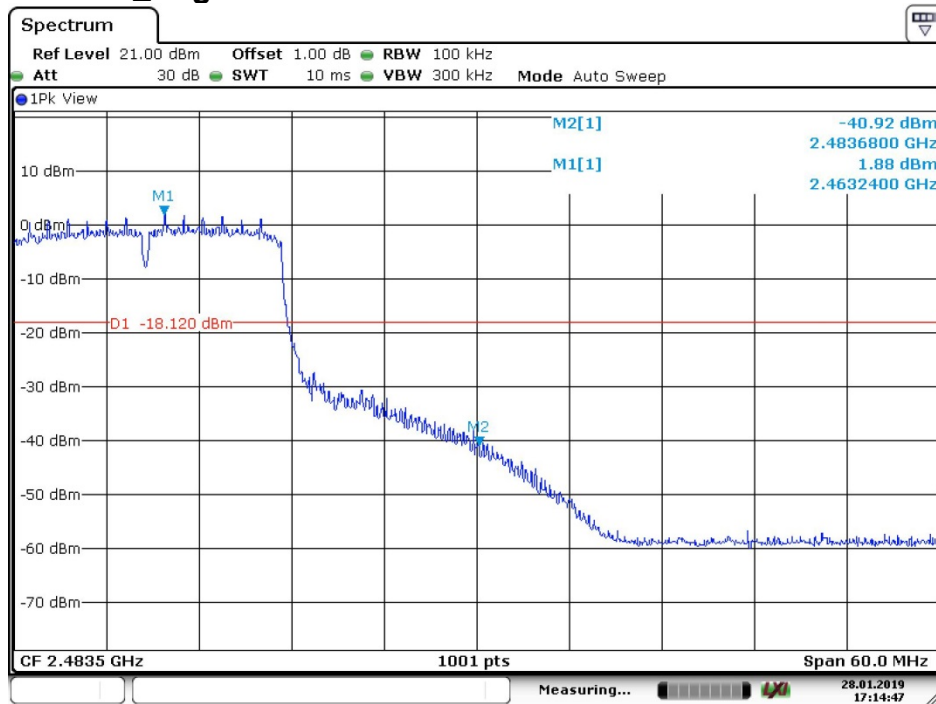


#### 4.7.1.1.5 802.11N20\_Lowest Channel



Date: 28. JAN 2019 17:21:28

#### 4.7.1.1.6 802.11 N20\_ Highest Channel



Date: 28. JAN 2019 17:14:47



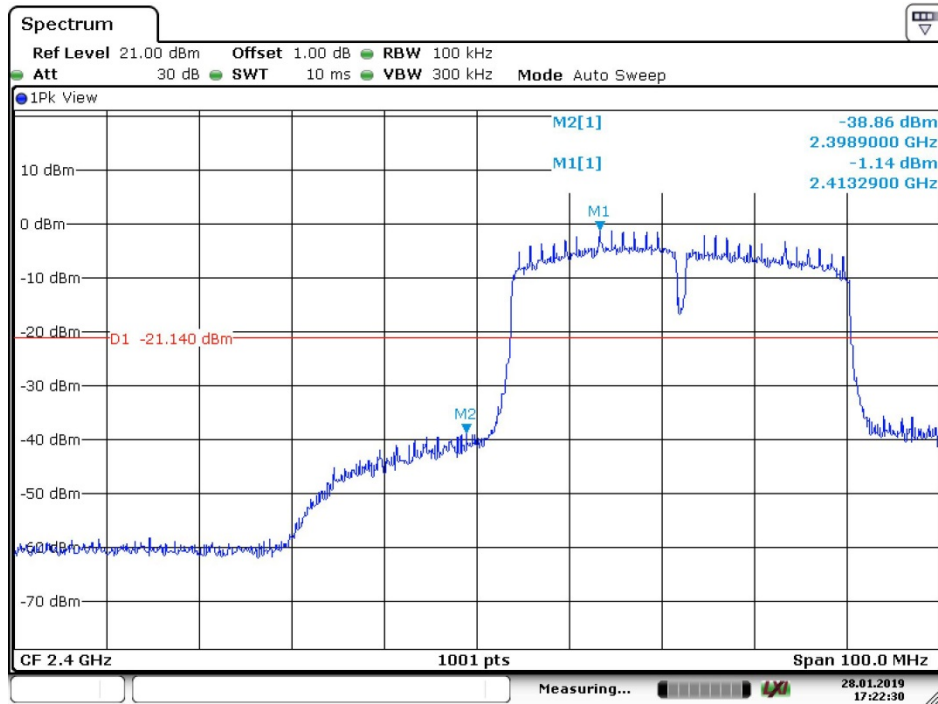
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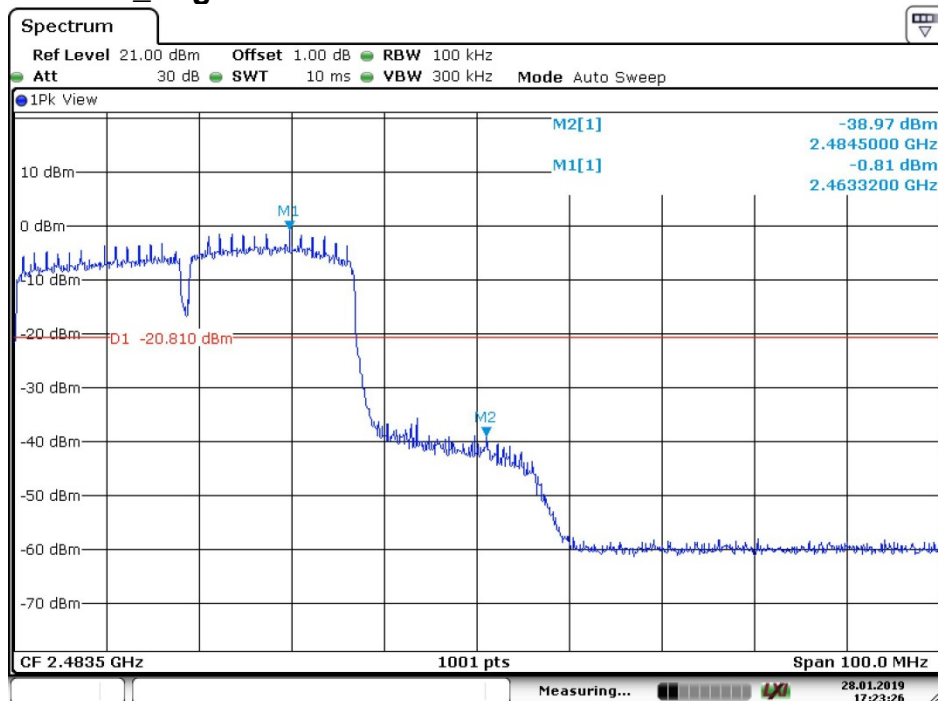
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#### 4.7.1.1.7 802.11N40\_Lowest Channel



Date: 28. JAN 2019 17:22:31

#### 4.7.1.1.8 802.11 N40\_ Highest Channel



Date: 28. JAN 2019 17:23:26



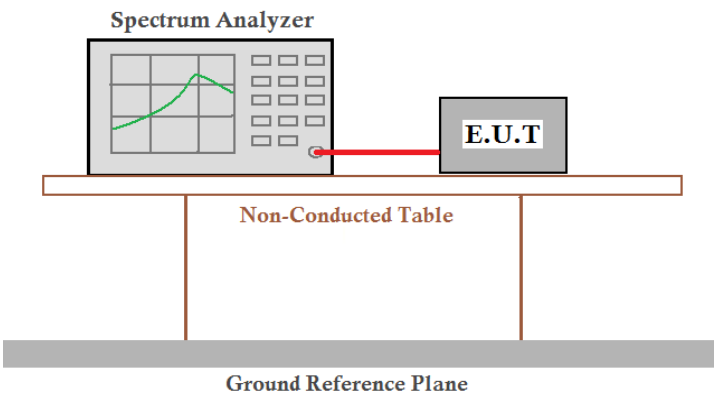
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## 4.8 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.11
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40).
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

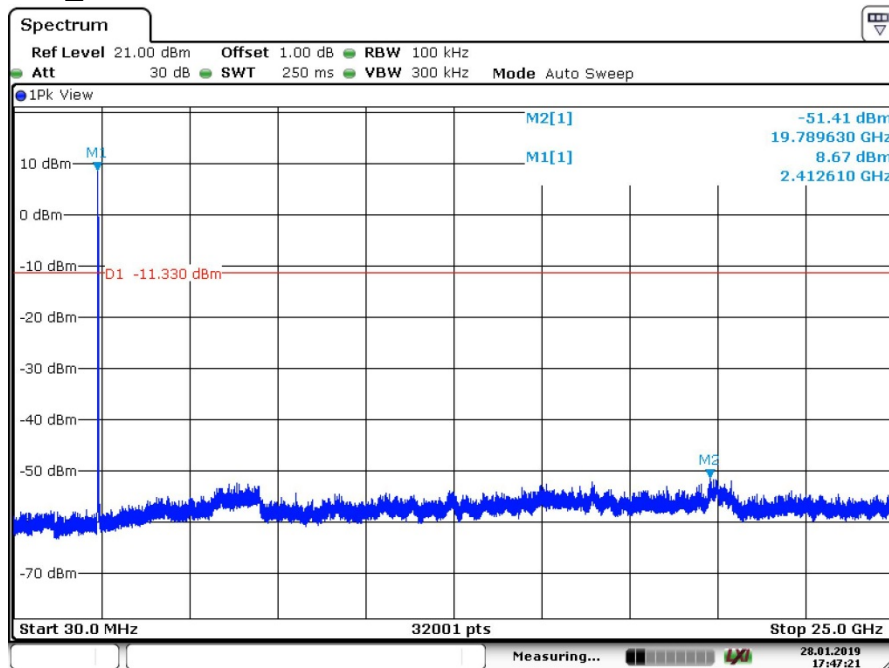




## 4.8.1 Test plots

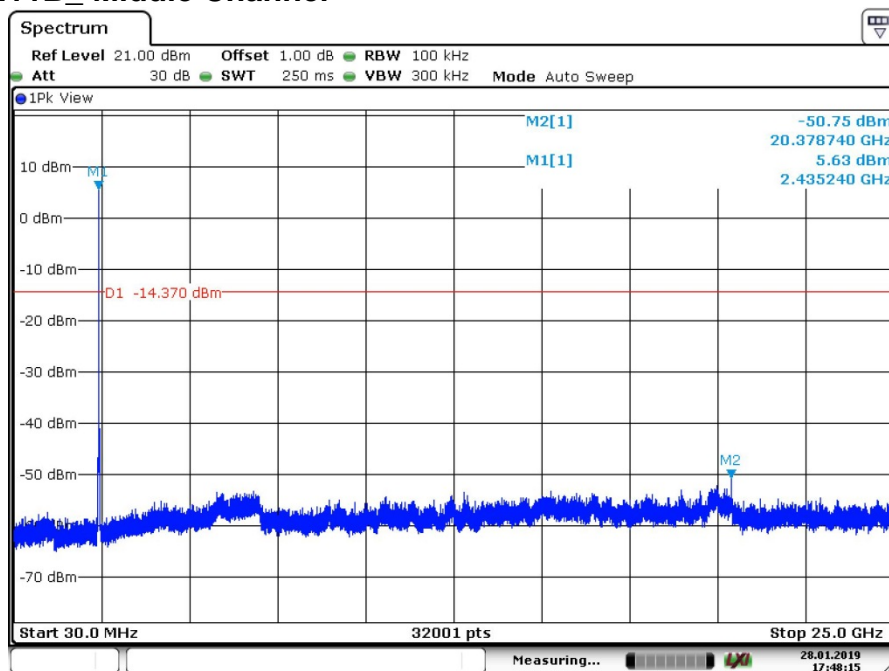
### 4.8.1.1 ANT1

#### 4.8.1.1.1 802.11B\_Lowest Channel



Date: 28.JAN.2019 17:47:21

#### 4.8.1.1.2 802.11B\_Middle Channel



Date: 28.JAN.2019 17:48:15



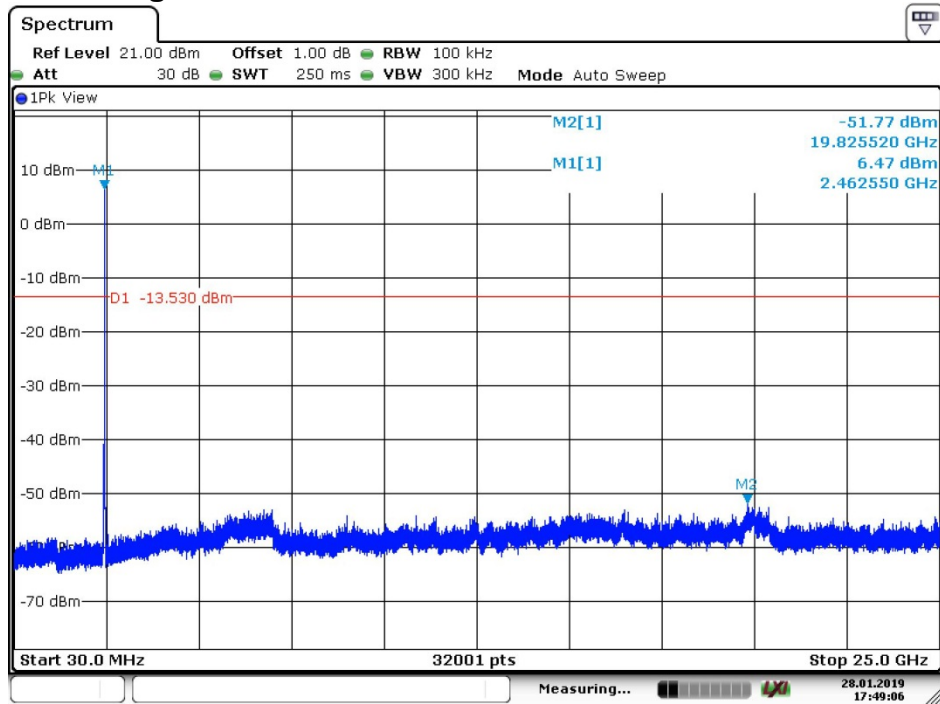
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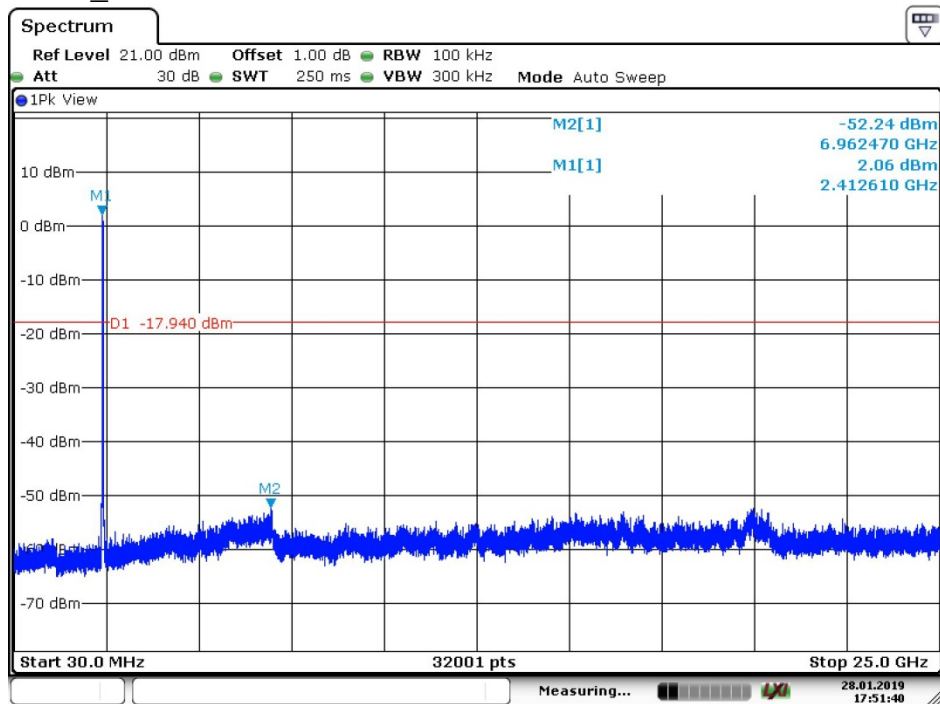
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#### 4.8.1.1.3 802.11B\_Highest Channel



Date: 28. JAN 2019 17:49:07

#### 4.8.1.1.4 802.11G\_Lowest Channel



Date: 28. JAN 2019 17:51:41

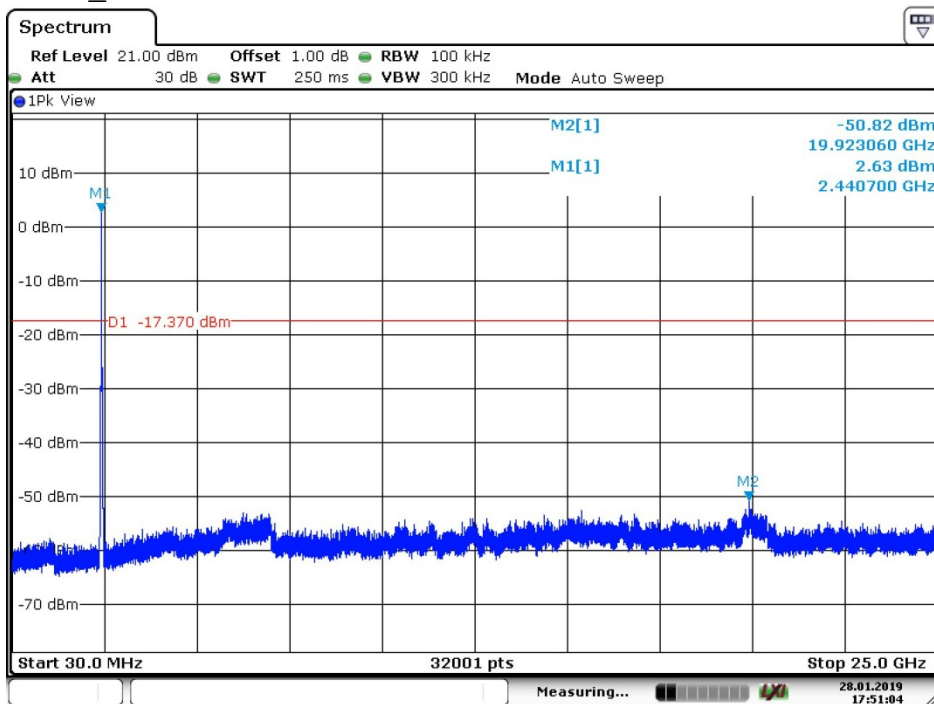


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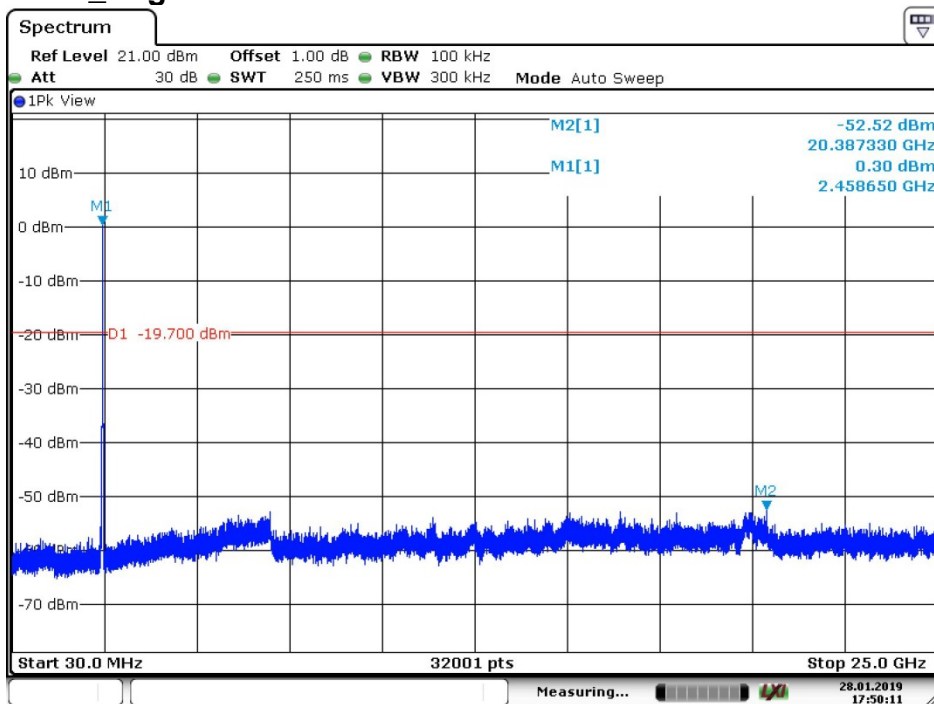
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#### 4.8.1.1.5 802.11G\_Middle Channel



Date: 28. JAN. 2019 17:51:05

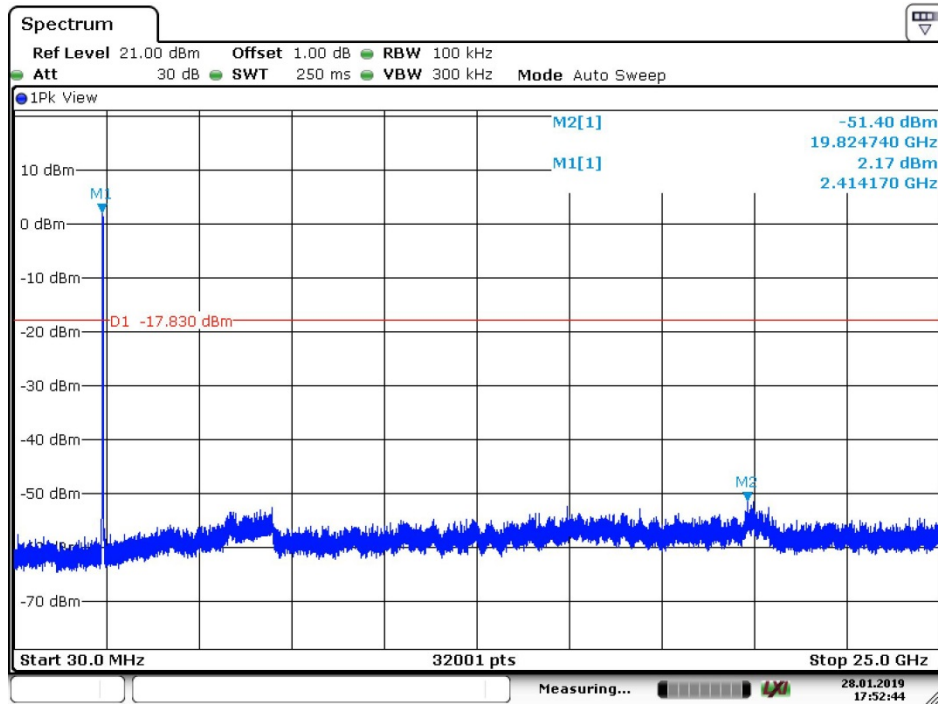
#### 4.8.1.1.6 802.11G\_Highest Channel



Date: 28. JAN. 2019 17:50:11

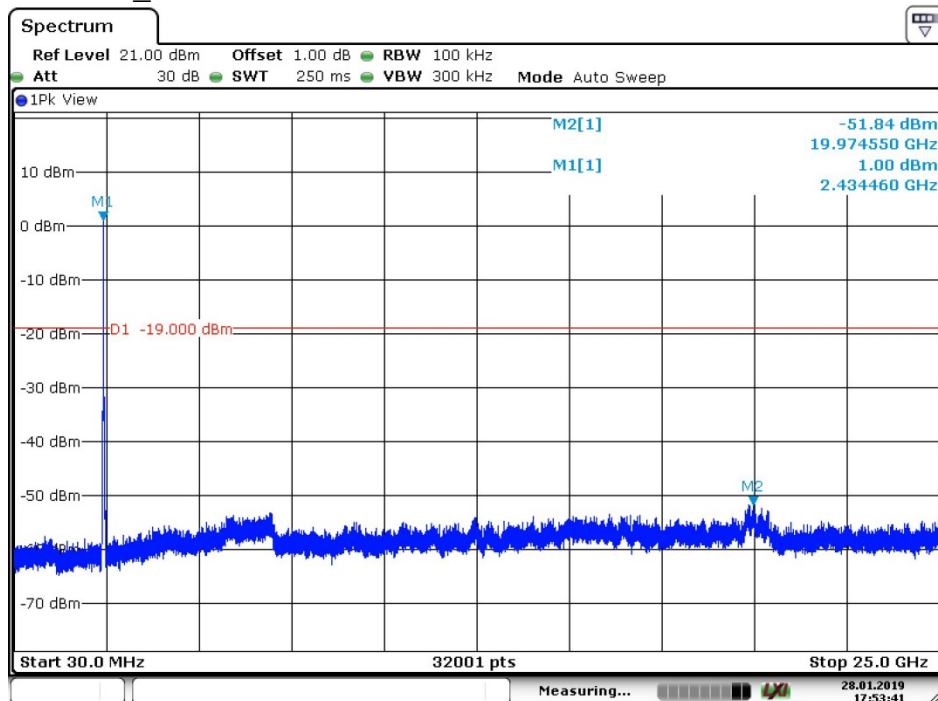


#### 4.8.1.1.7 802.11N20\_Lowest Channel



Date: 28. JAN 2019 17:52:45

#### 4.8.1.1.8 802.11 N20\_ Middle Channel



Date: 28. JAN 2019 17:53:42



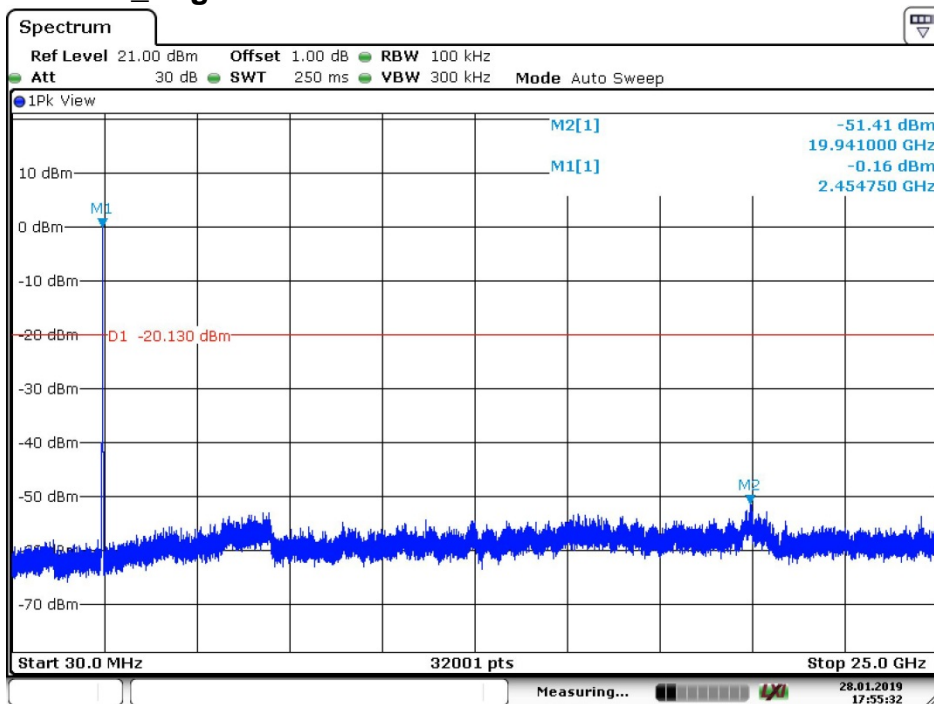
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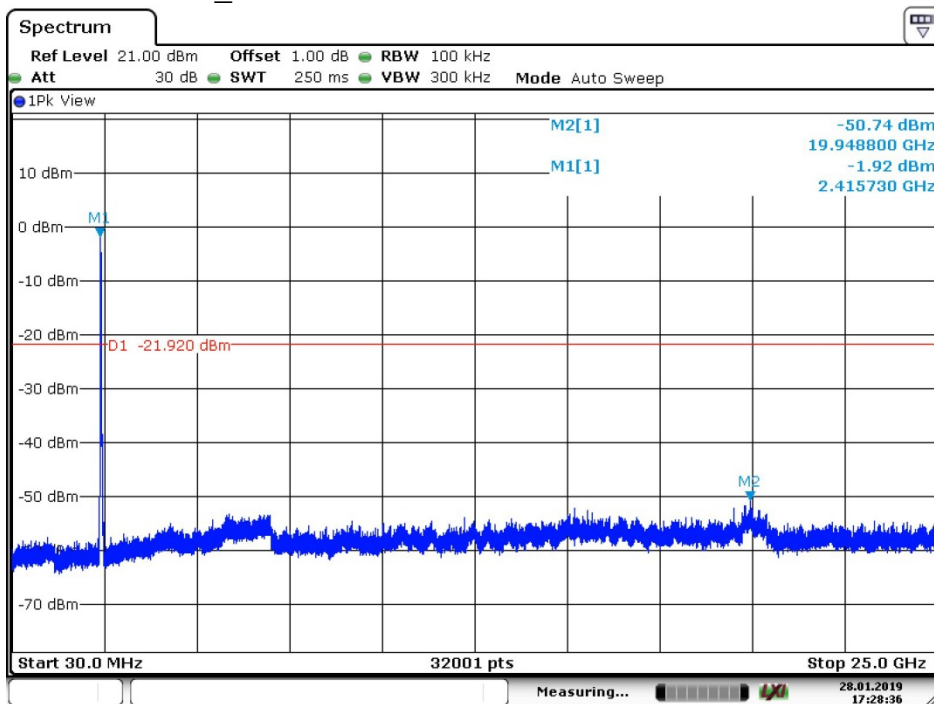


#### 4.8.1.1.9 802.11 N20\_ Highest Channel



Date: 28. JAN 2019 17:55:32

#### 4.8.1.1.10 802.11N40\_ Lowest Channel



Date: 28. JAN 2019 17:28:37



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