

4.6.2 Test plots

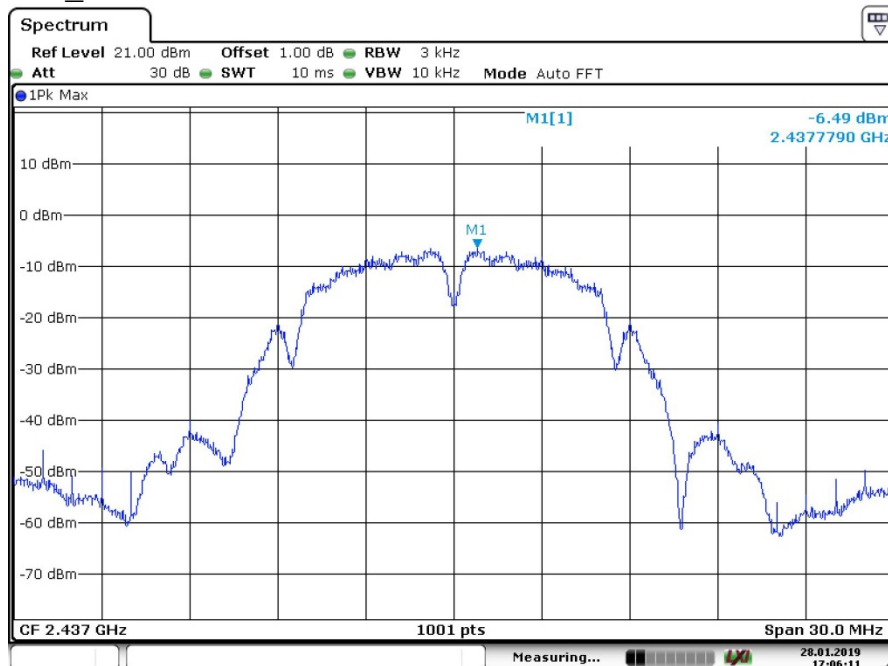
4.6.2.1 ANT1

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

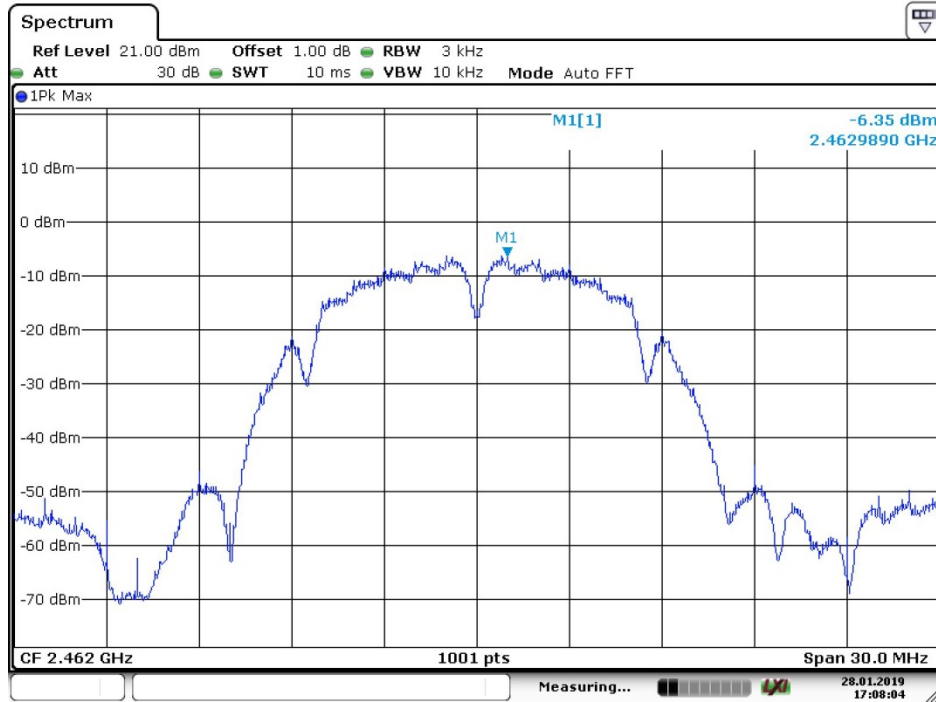


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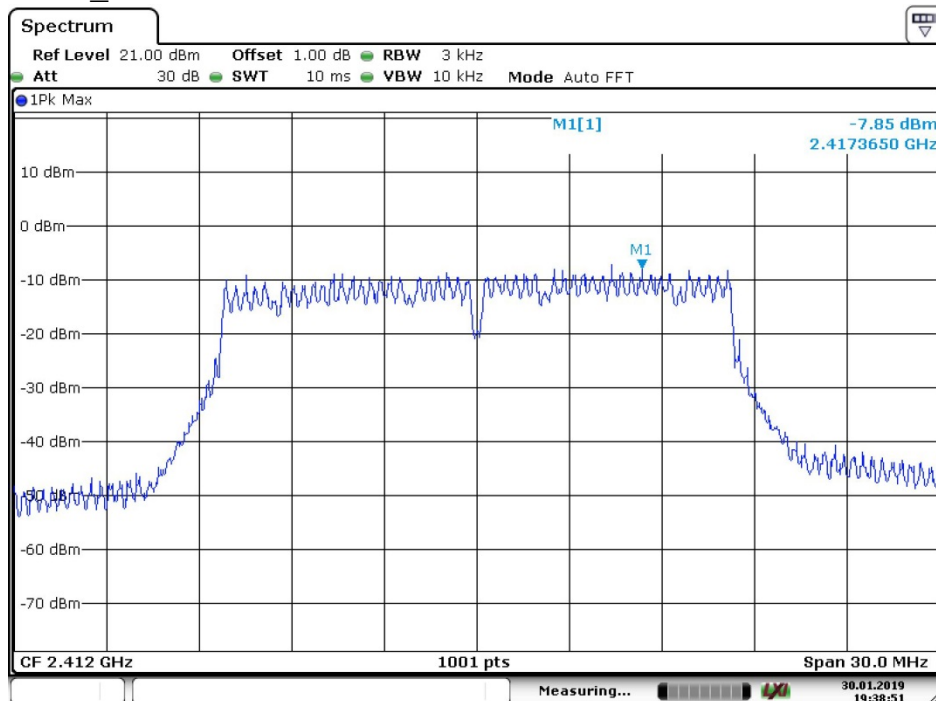
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4.6.2.1.3 802.11B_Highest Channel



Date: 28. JAN 2019 17:08:04

4.6.2.1.4 802.11G_Lowest Channel



Date: 30. JAN 2019 19:38:51



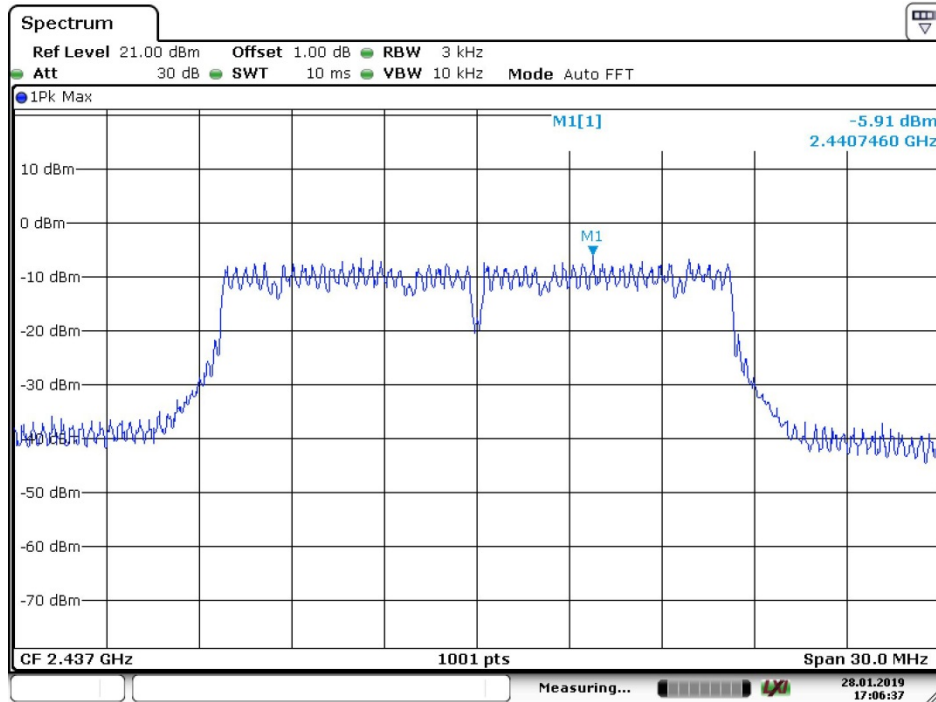
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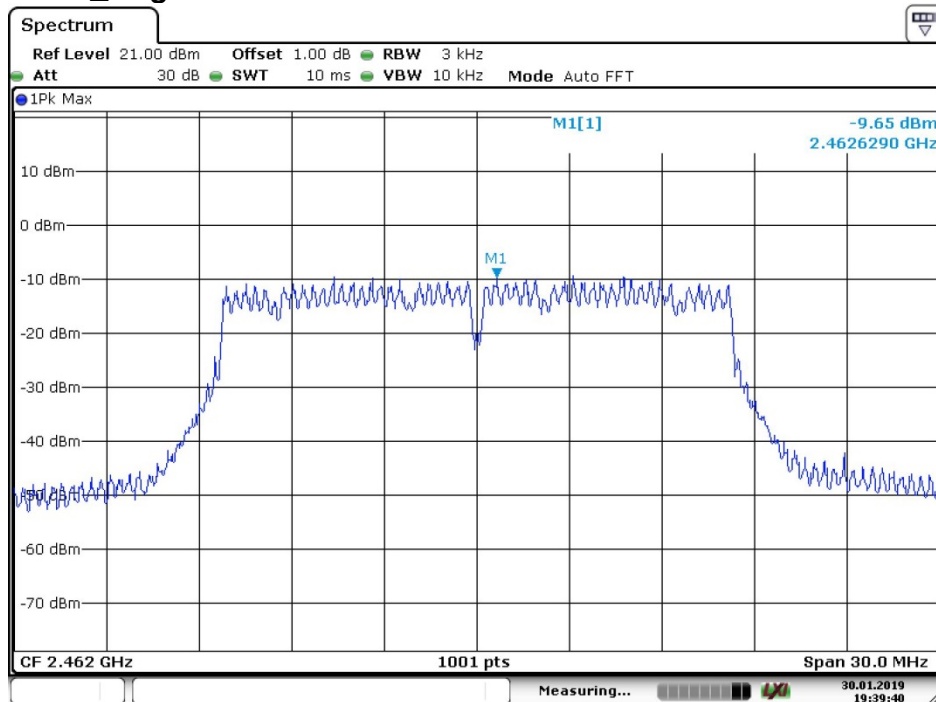
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4.6.2.1.5 802.11G_Middle Channel



Date: 28. JAN 2019 17:06:37

4.6.2.1.6 802.11G_Highest Channel



Date: 30. JAN 2019 19:39:40

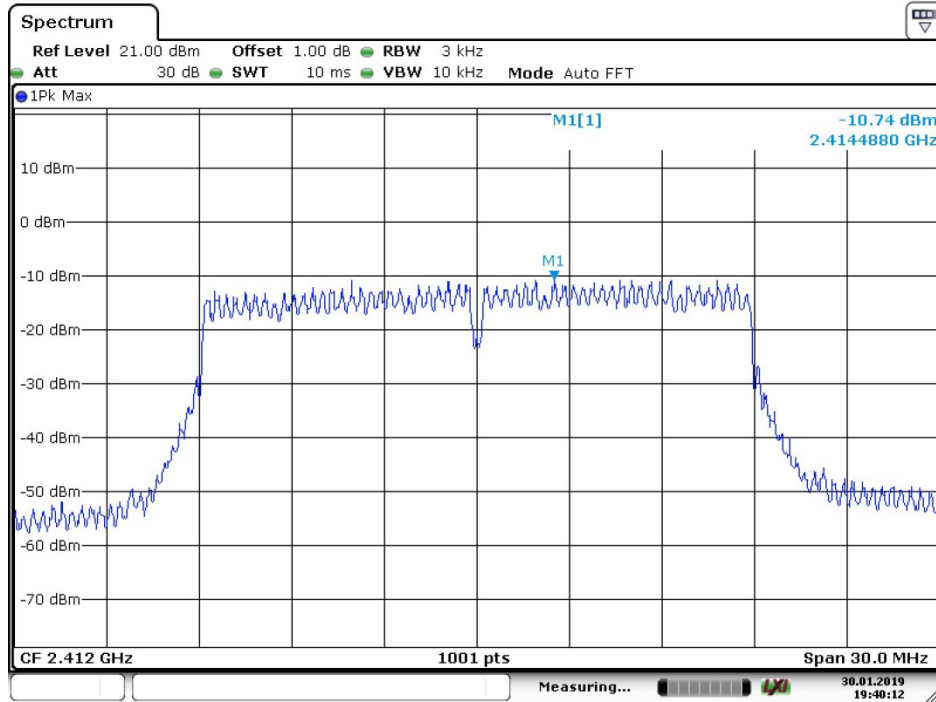


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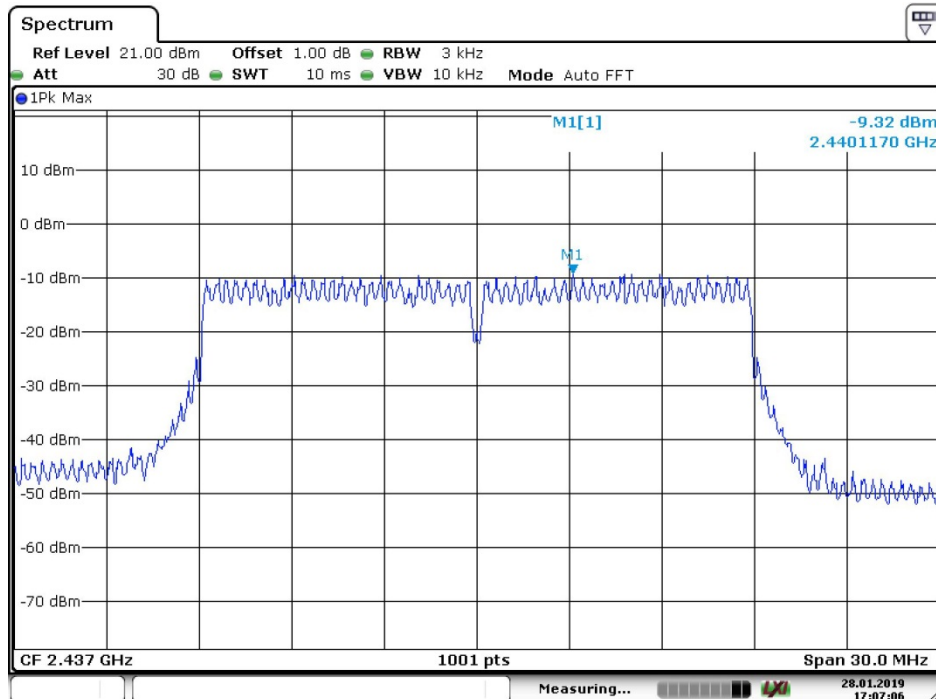
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4.6.2.1.7 802.11N20_Lowest Channel



Date: 30 JAN 2019 19:40:12

4.6.2.1.8 802.11 N20_ Middle Channel



Date: 28 JAN 2019 17:07:06

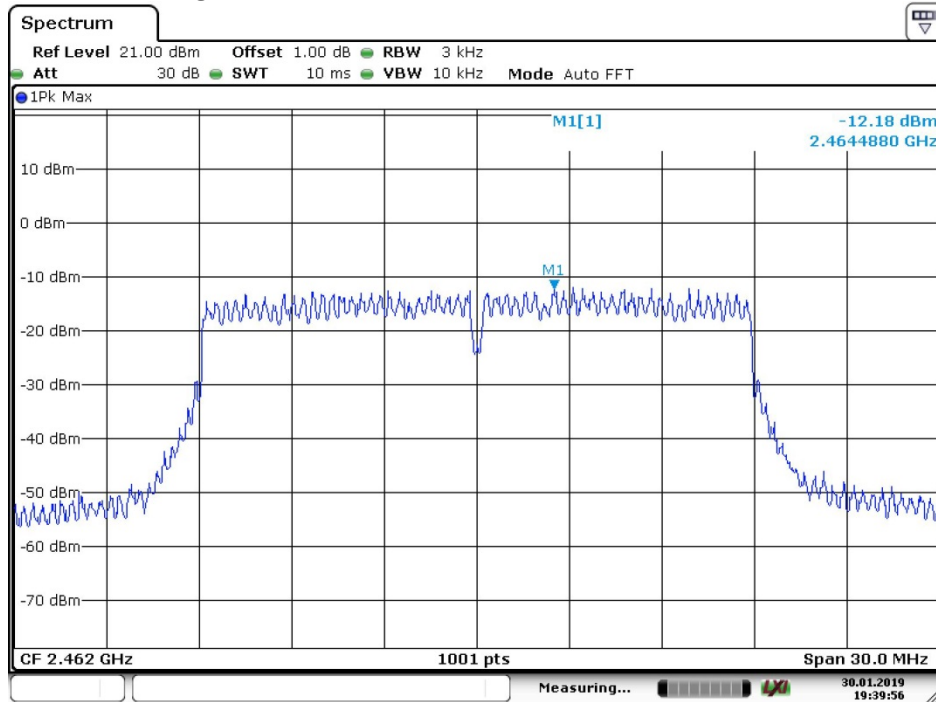


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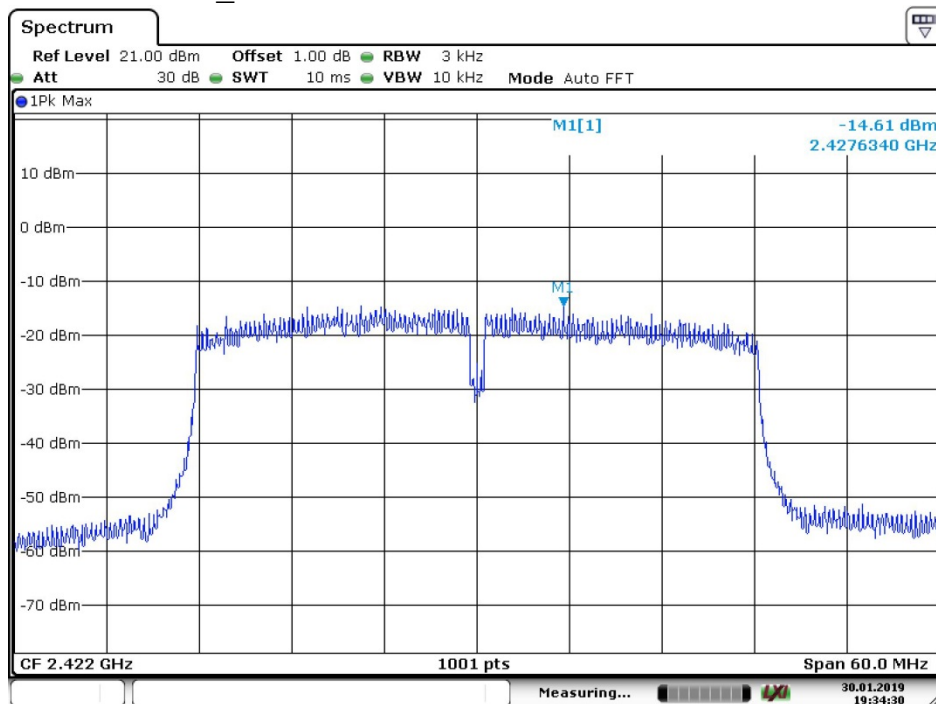
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4.6.2.1.9 802.11 N20_ Highest Channel



Date: 30 JAN 2019 19:39:57

4.6.2.1.10 802.11N40_ Lowest Channel



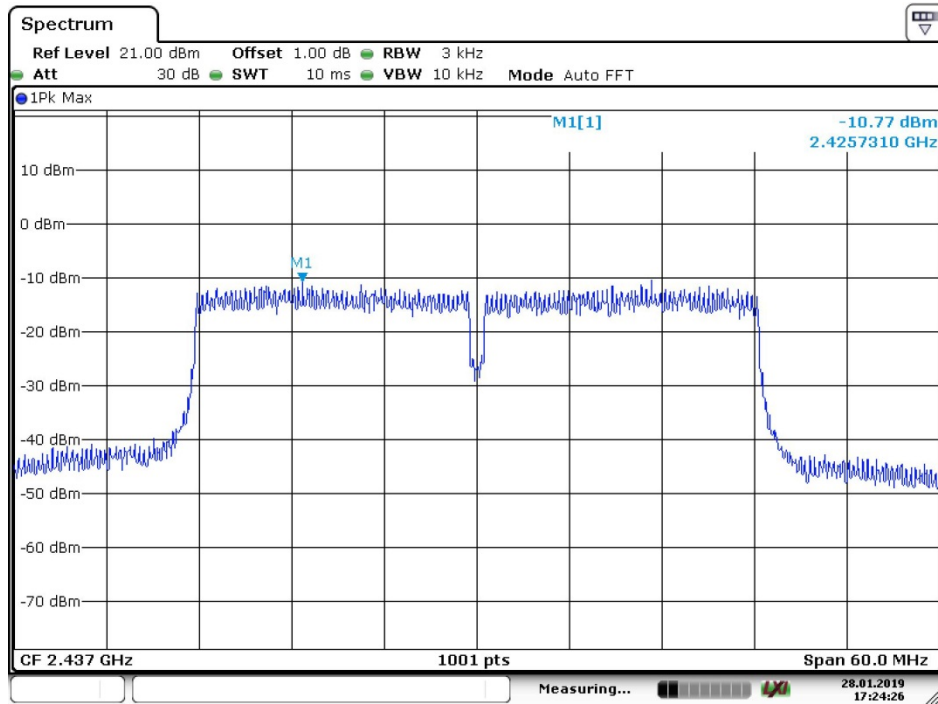
Date: 30 JAN 2019 19:34:31



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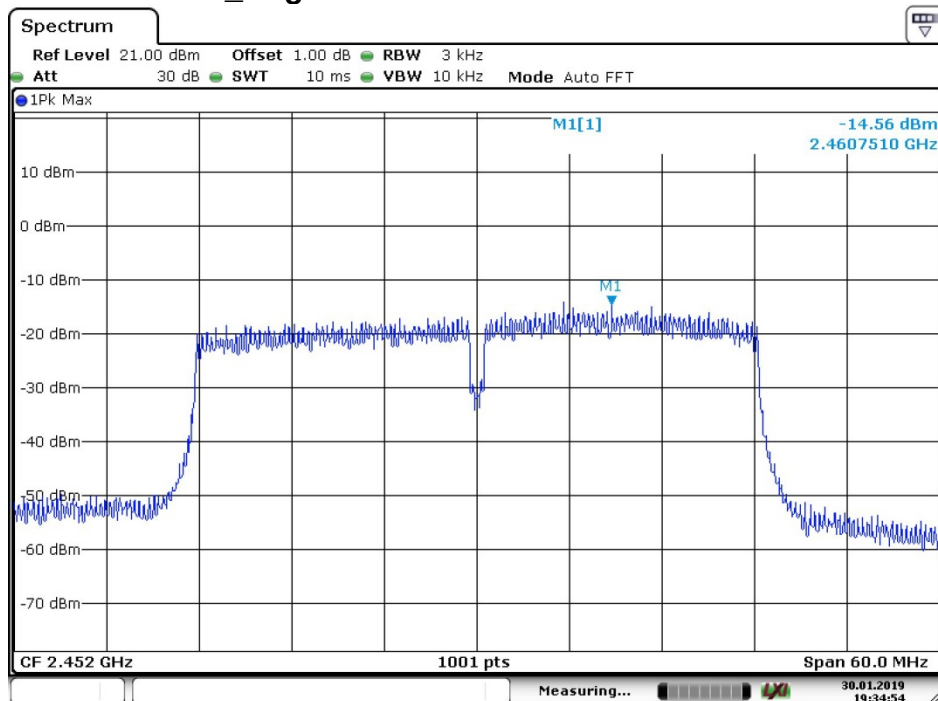
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4.6.2.1.11 802.11 N40_ Middle Channel



Date: 28. JAN 2019 17:24:26

4.6.2.1.12 802.11 N40_ Highest Channel



Date: 30. JAN 2019 19:34:55

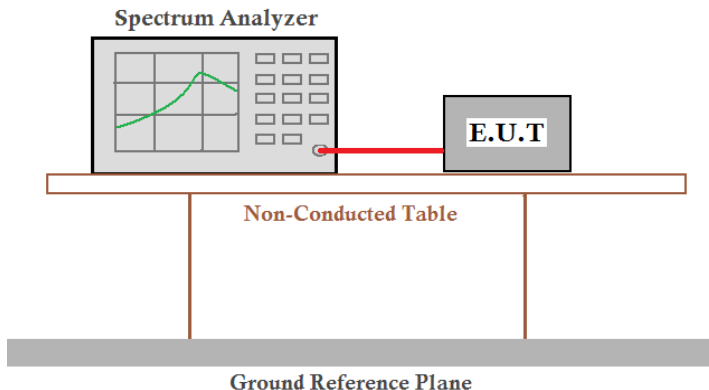


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4.7 Band-edge for RF Conducted Emissions

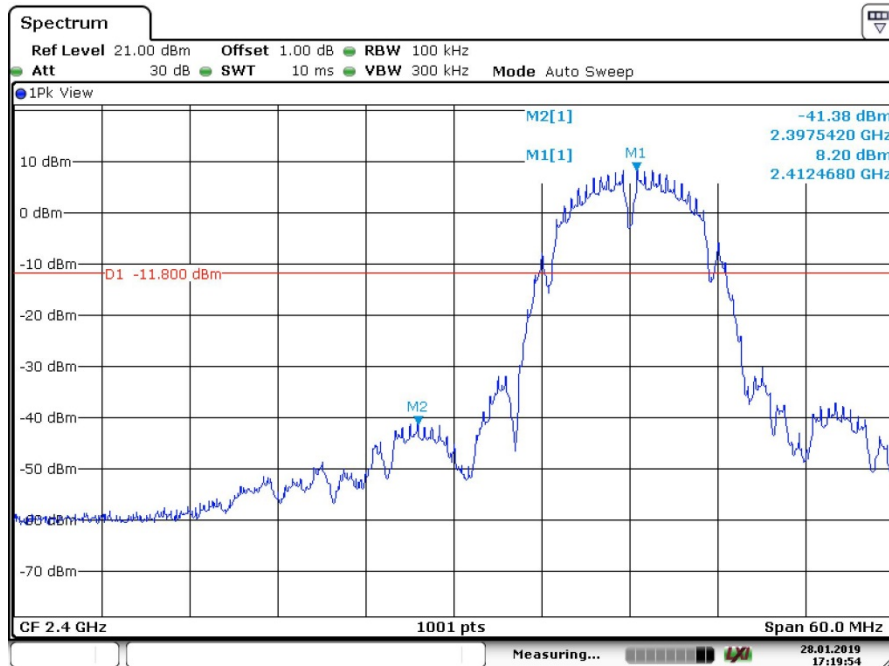
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.13
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst 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



4.7.1 Test plots

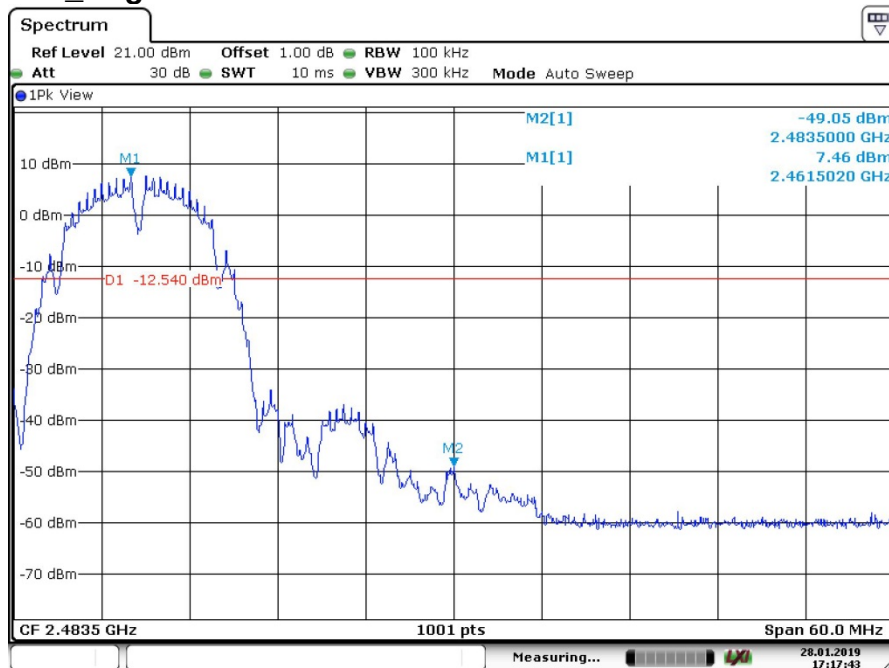
4.7.1.1 ANT1

4.7.1.1.1 802.11B_Lowest Channel



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

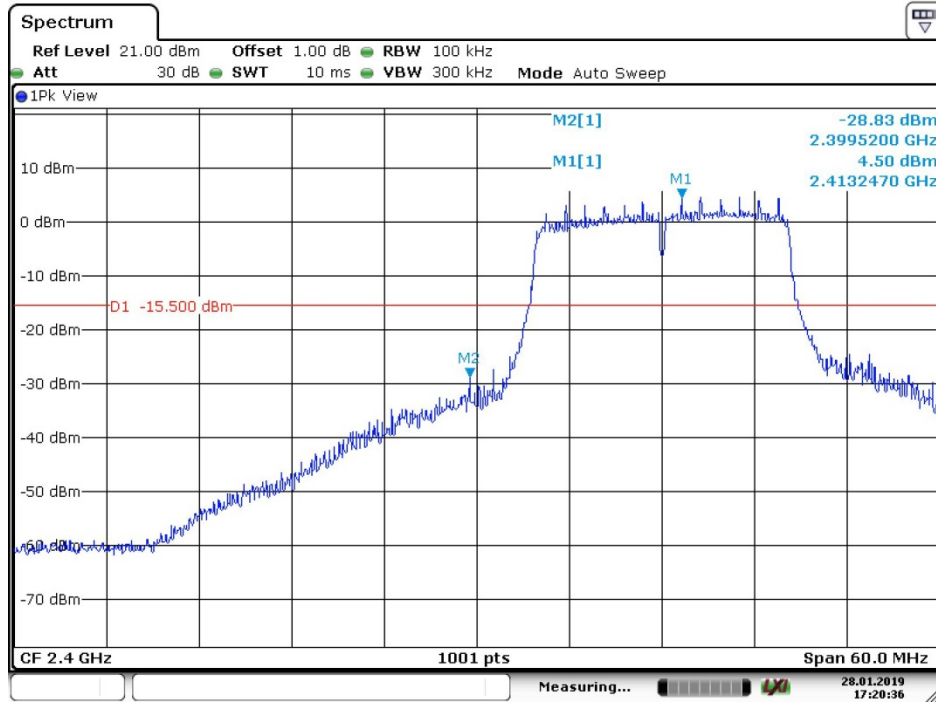
4.7.1.1.2 802.11B_Highest Channel



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

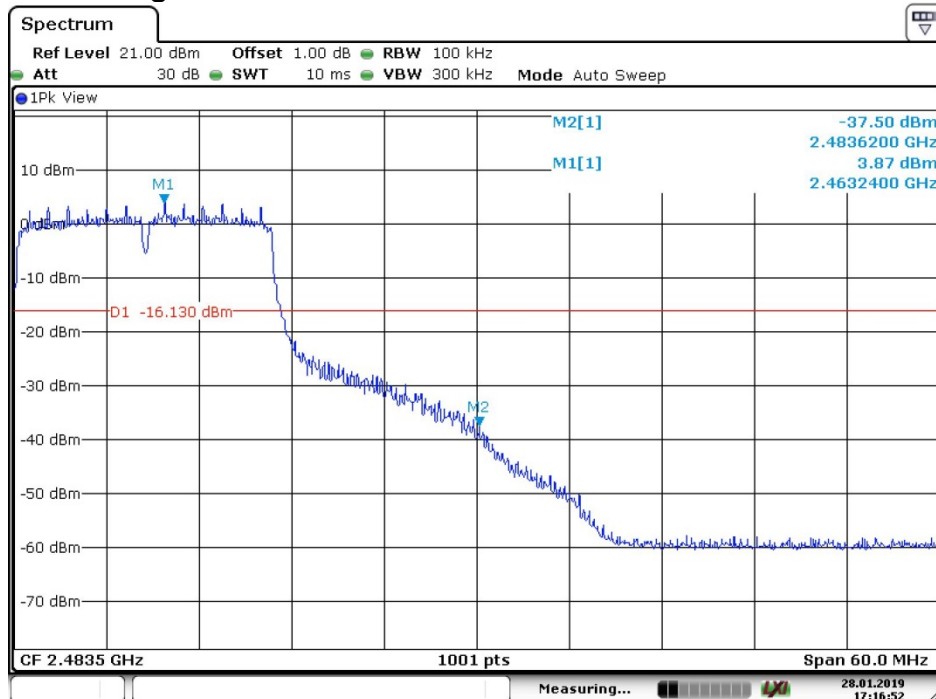


4.7.1.1.3 802.11G_Lowest Channel



Date: 28. JAN 2019 17:20:36

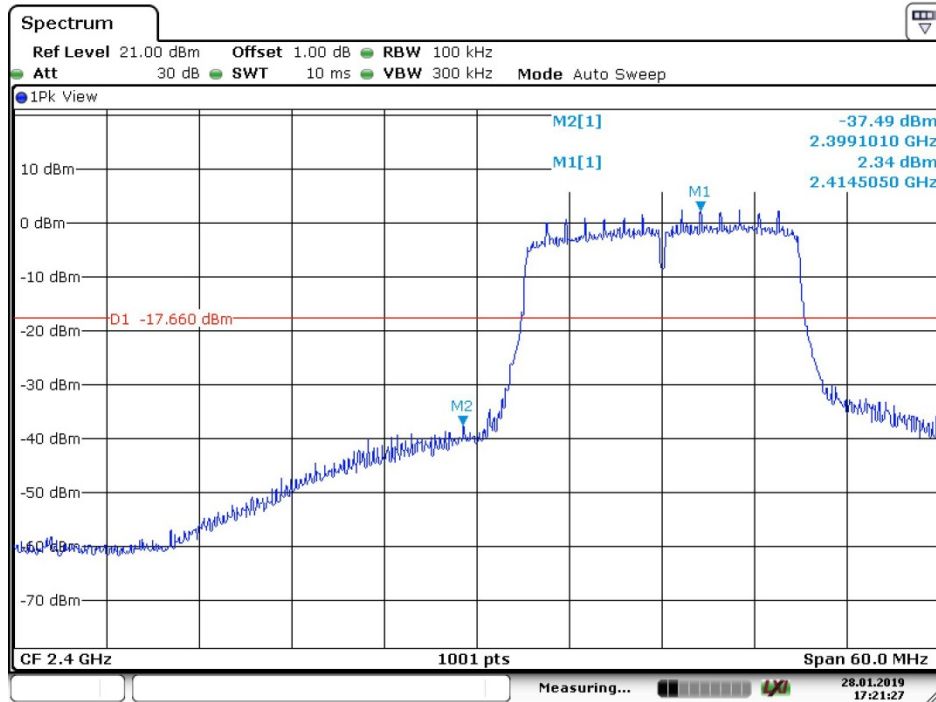
4.7.1.1.4 802.11G_Highest Channel



Date: 28. JAN 2019 17:16:52

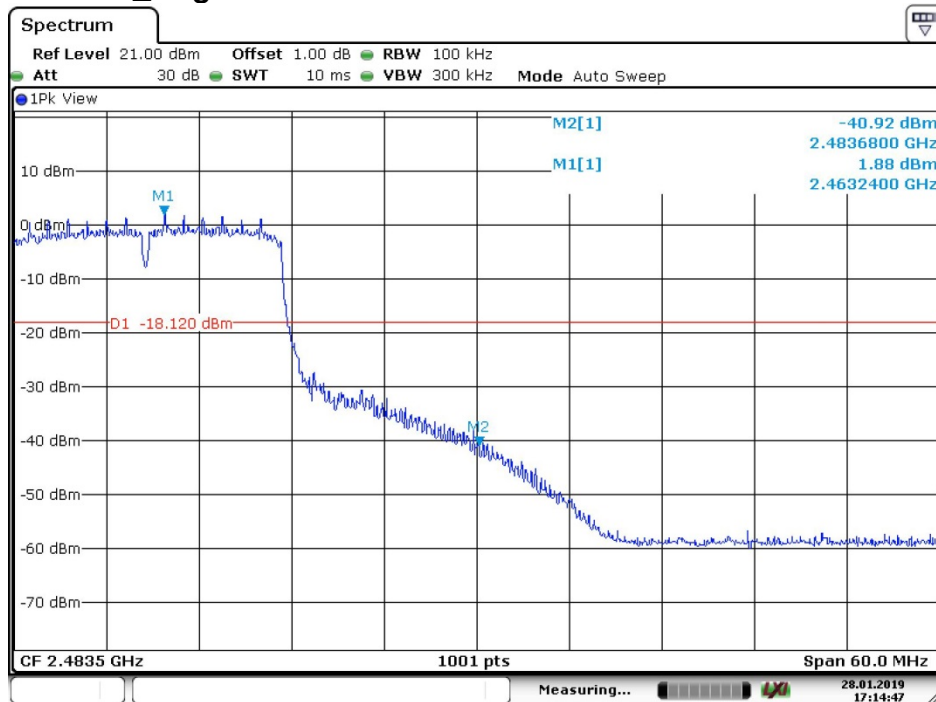


4.7.1.1.5 802.11N20_Lowest Channel



Date: 28 JAN 2019 17:21:28

4.7.1.1.6 802.11 N20_Highest Channel



Date: 28 JAN 2019 17:14:47



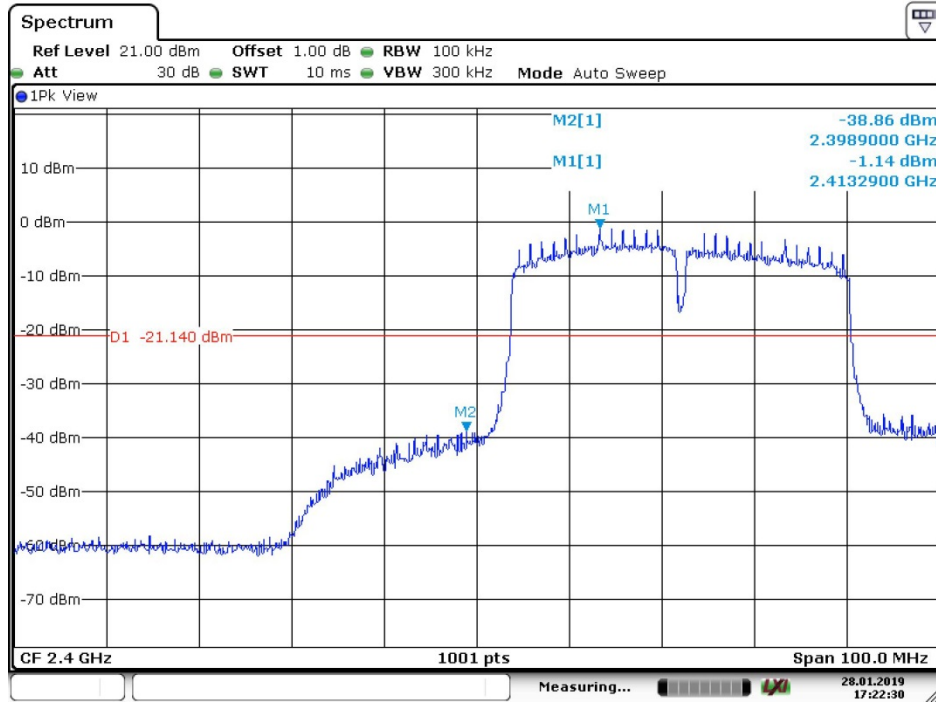
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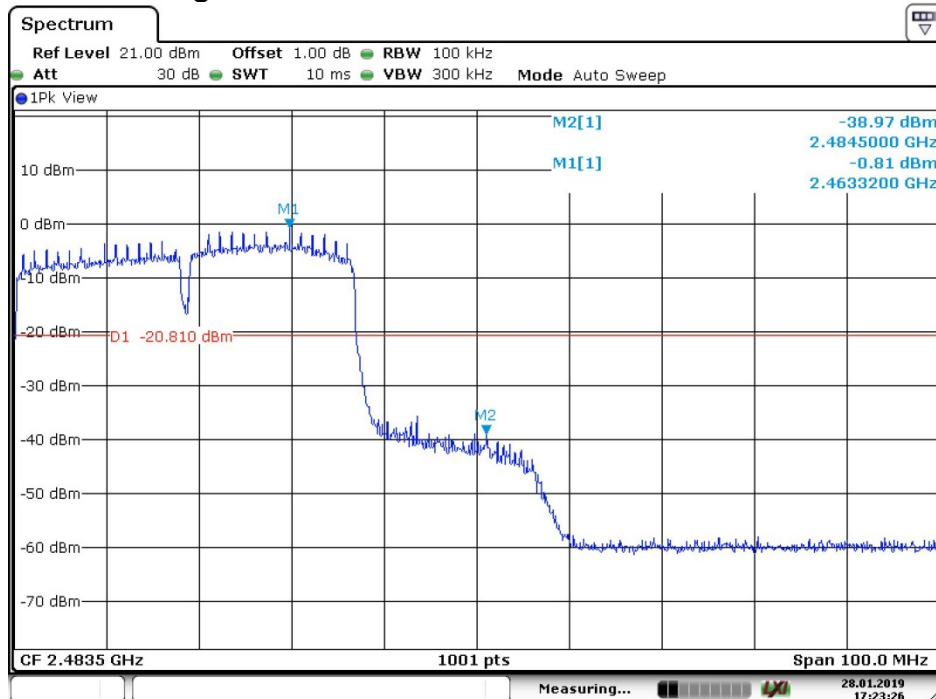
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4.7.1.1.7 802.11N40_Lowest Channel



Date: 28. JAN 2019 17:22:31

4.7.1.1.8 802.11 N40_ Highest Channel



Date: 28. JAN 2019 17:23:26



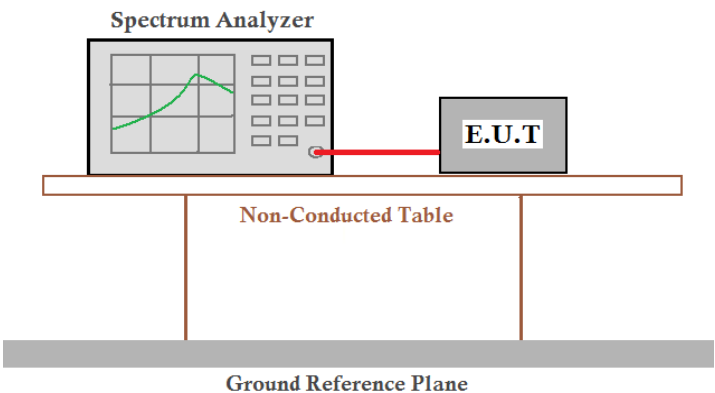
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4.8 RF Conducted Spurious Emissions

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



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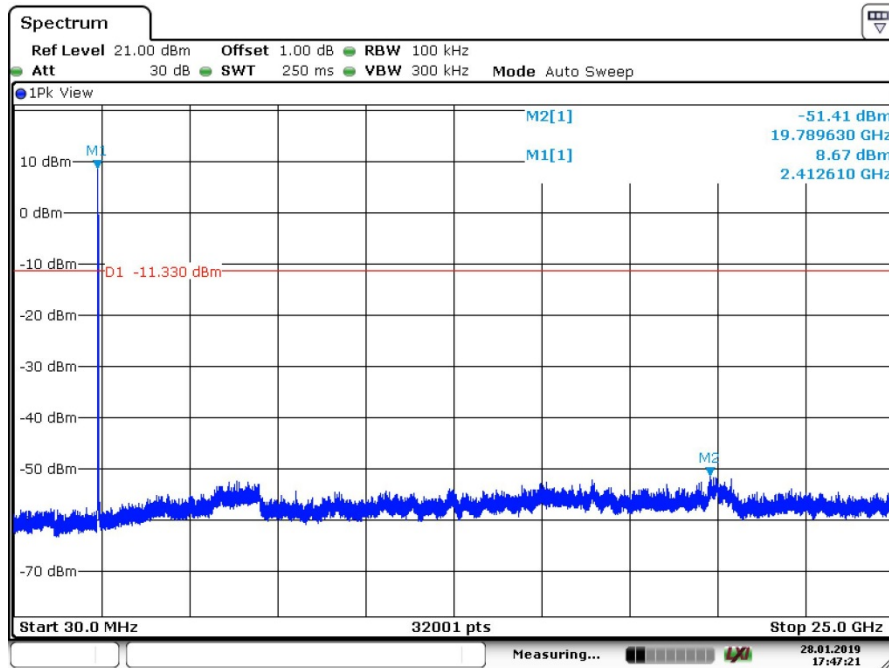
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4.8.1 Test plots

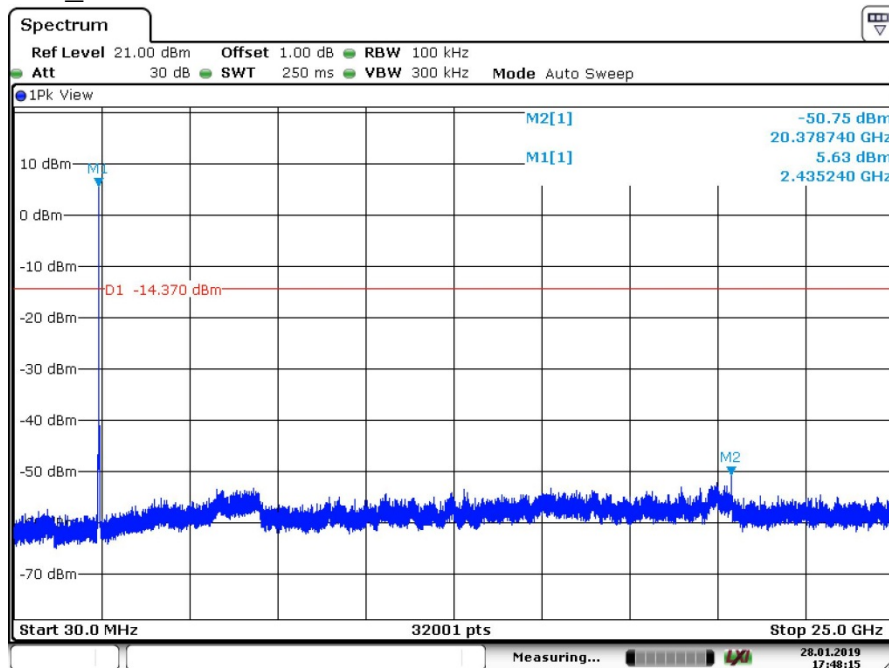
4.8.1.1 ANT1

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

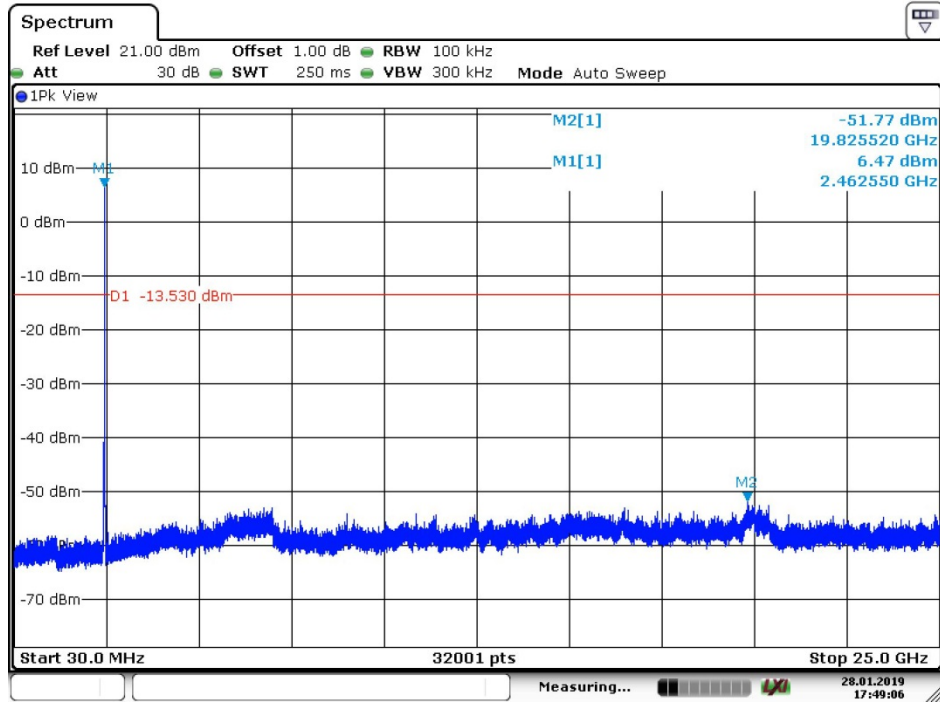


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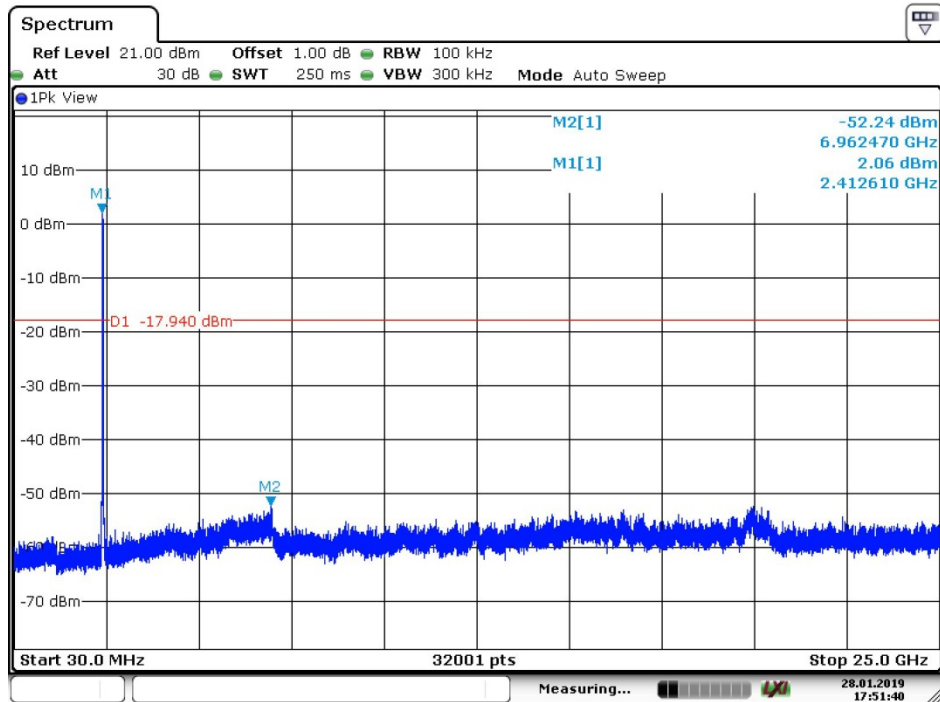
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4.8.1.1.3 802.11B_Highest Channel



Date: 28. JAN 2019 17:49:07

4.8.1.1.4 802.11G_Lowest Channel



Date: 28. JAN 2019 17:51:41

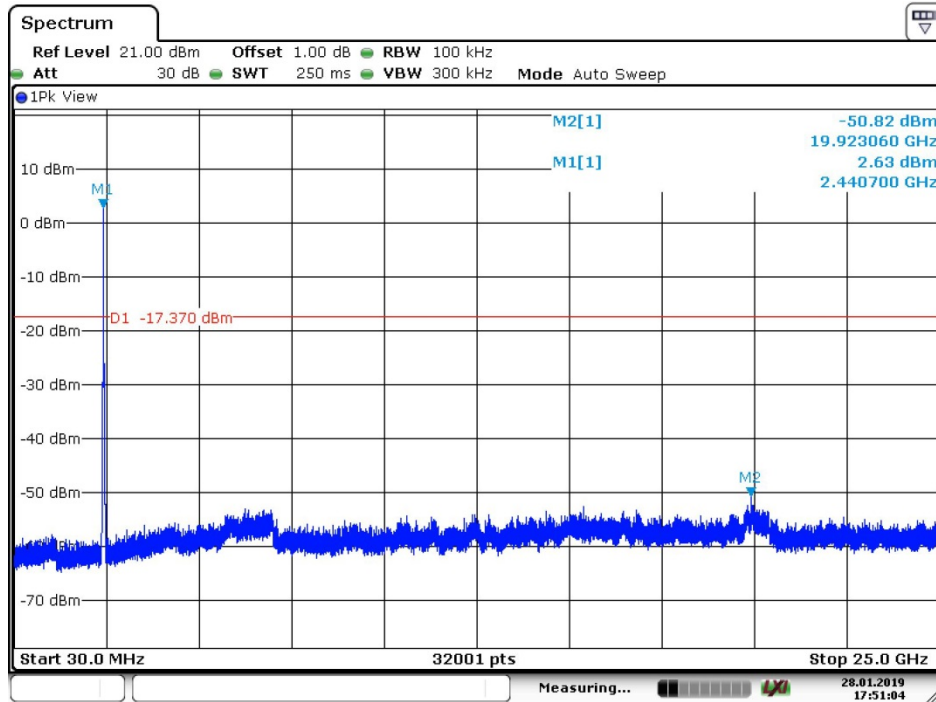


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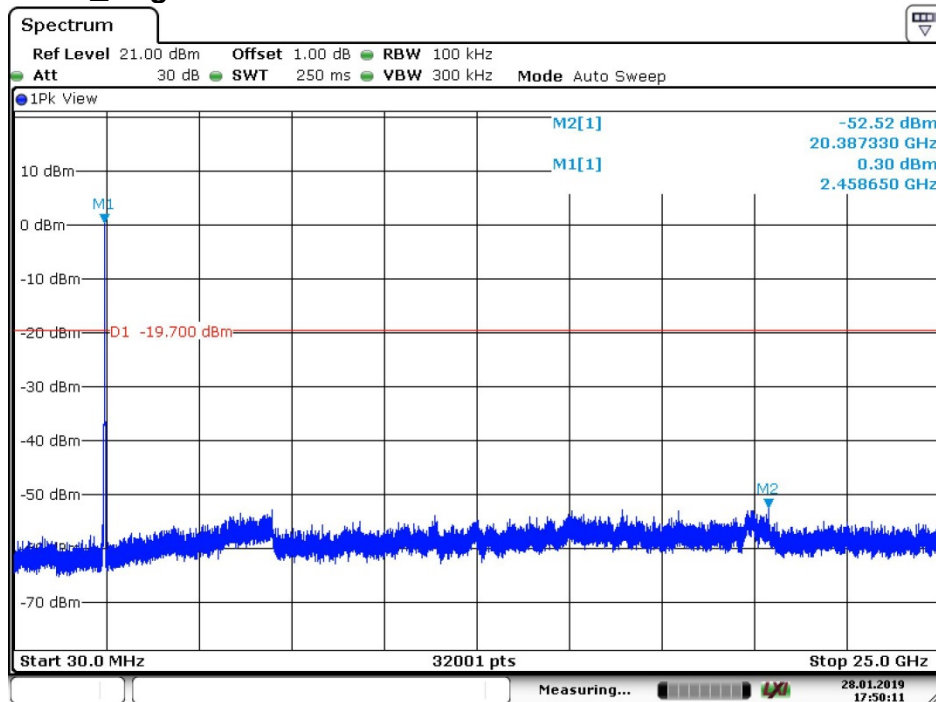
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4.8.1.1.5 802.11G_Middle Channel



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

4.8.1.1.6 802.11G_Highest Channel



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

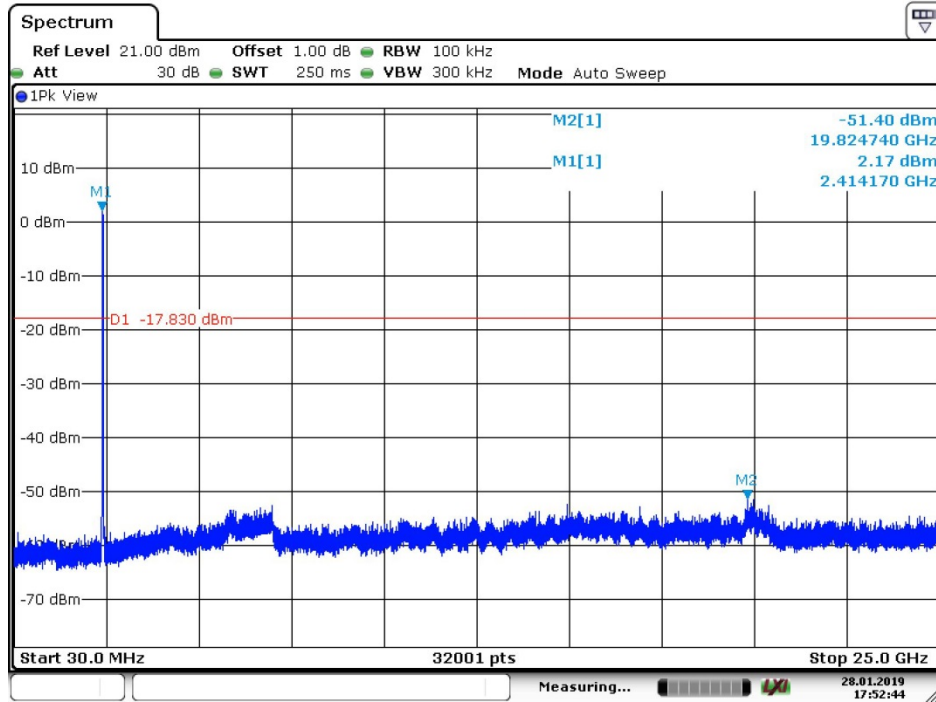


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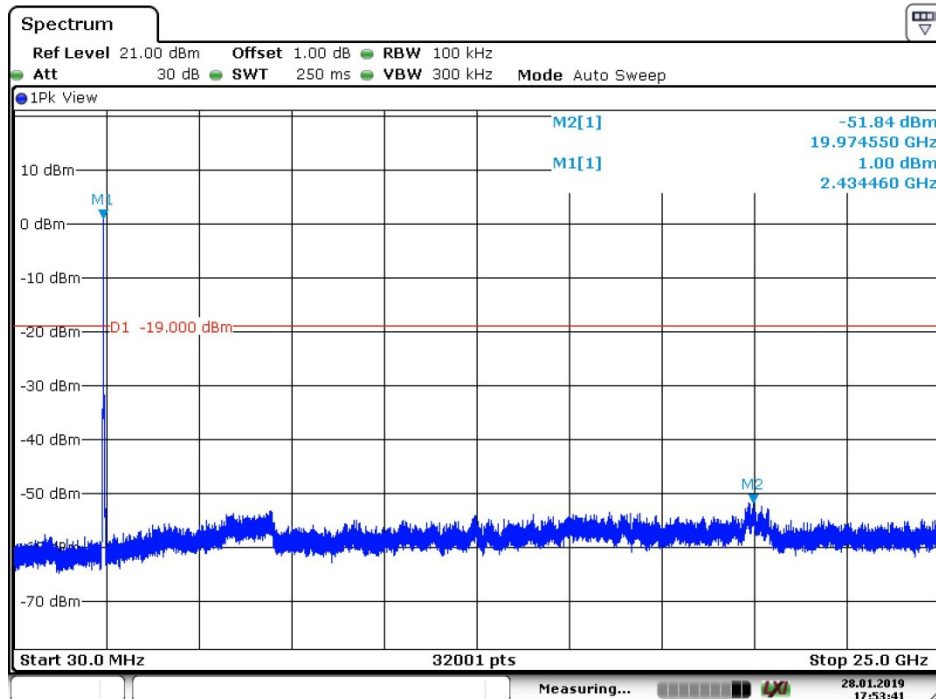
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4.8.1.1.7 802.11N20_Lowest Channel



Date: 28. JAN 2019 17:52:45

4.8.1.1.8 802.11 N20_ Middle Channel



Date: 28. JAN 2019 17:53:42

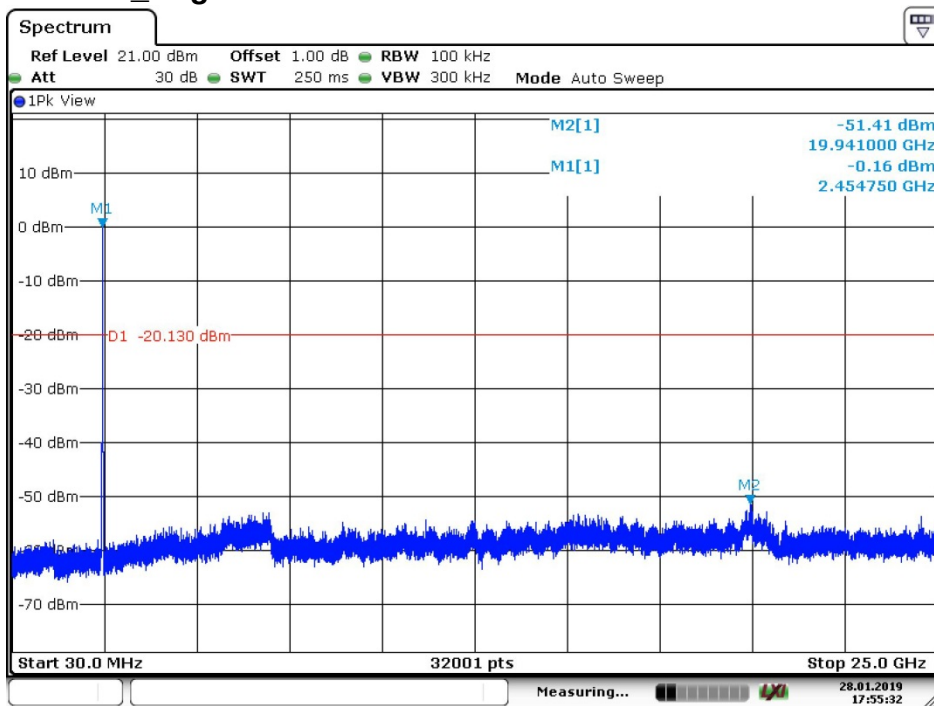


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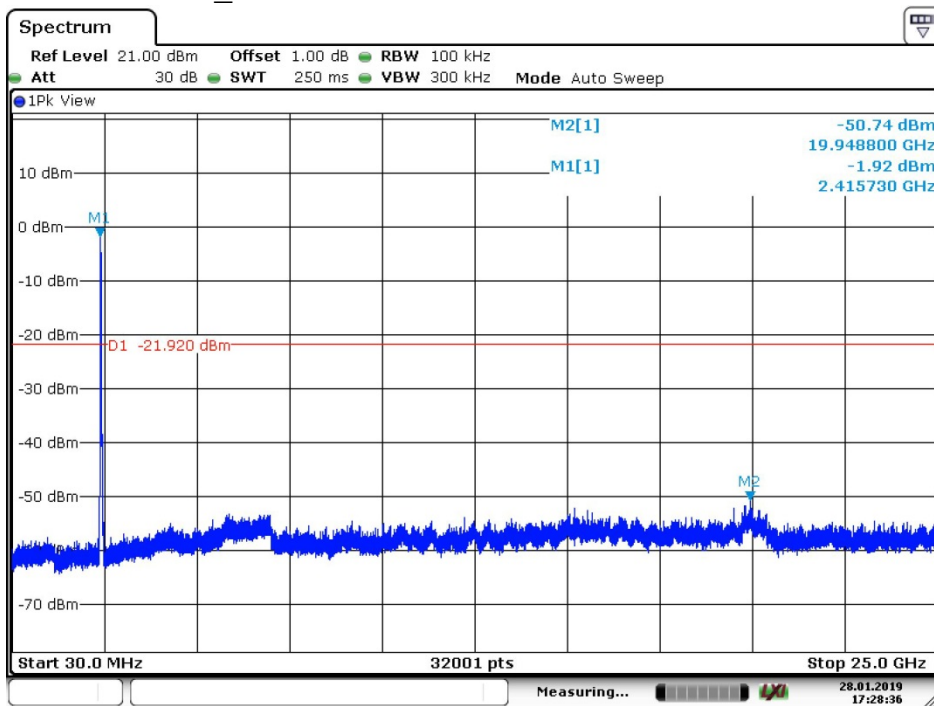
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4.8.1.1.9 802.11 N20_ Highest Channel



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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