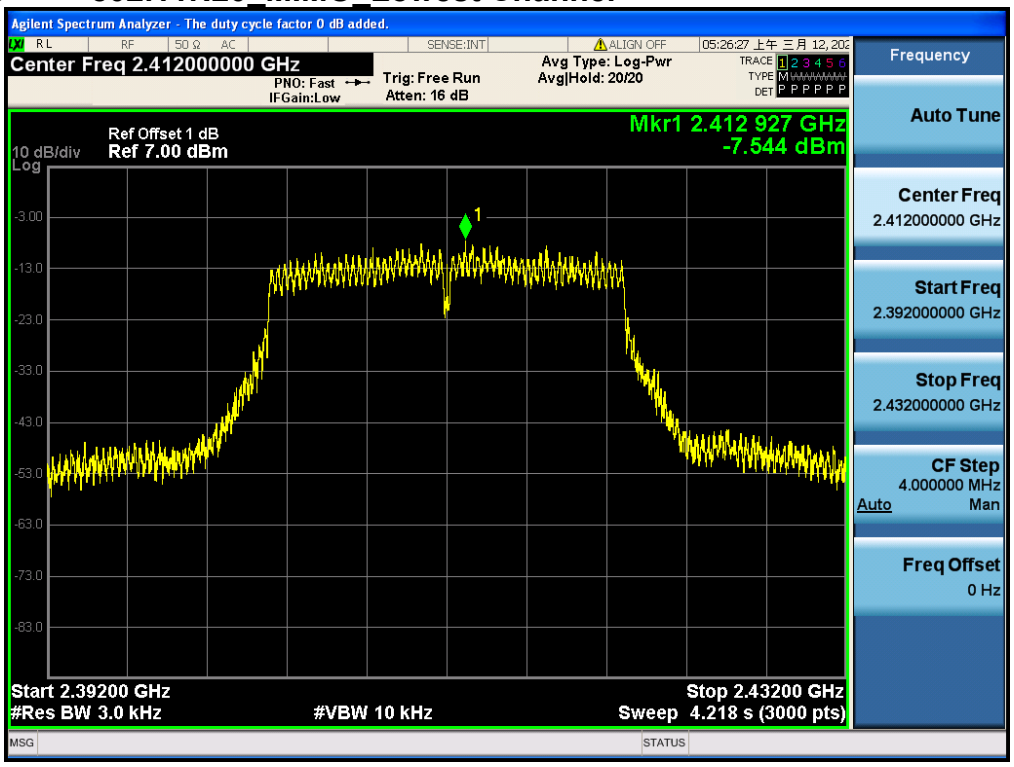
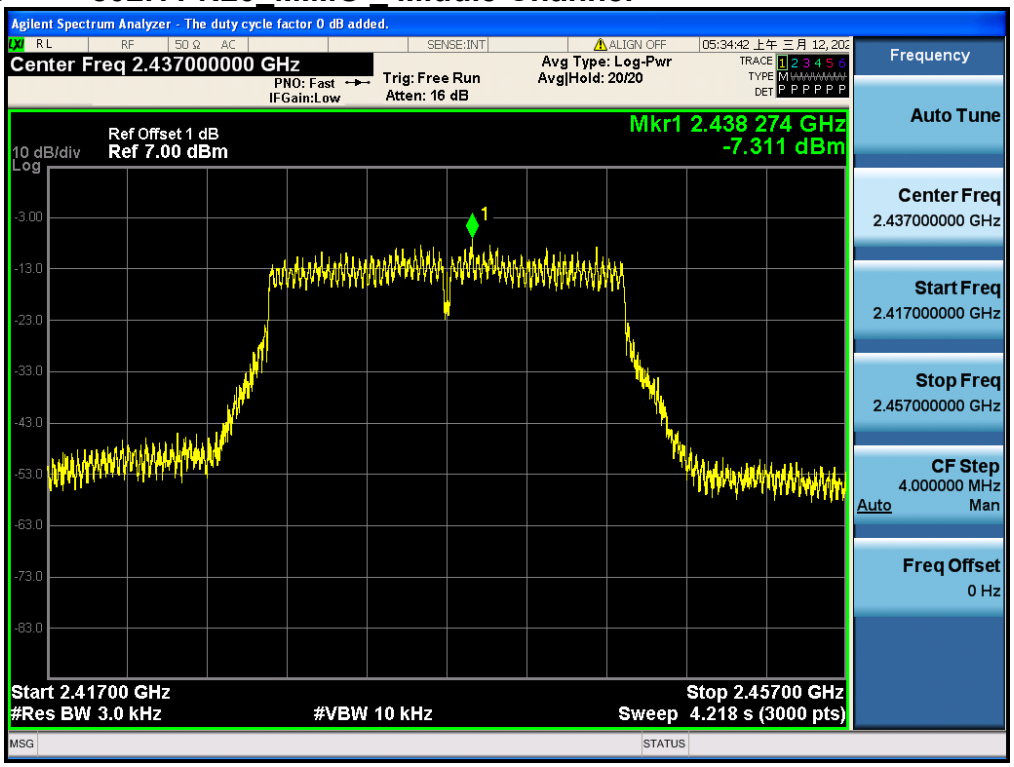
4.6.2.1.19 802.11N20_MIMO_Lowest Channel



4.6.2.1.20 802.11 N20_MIMO _ Middle Channel



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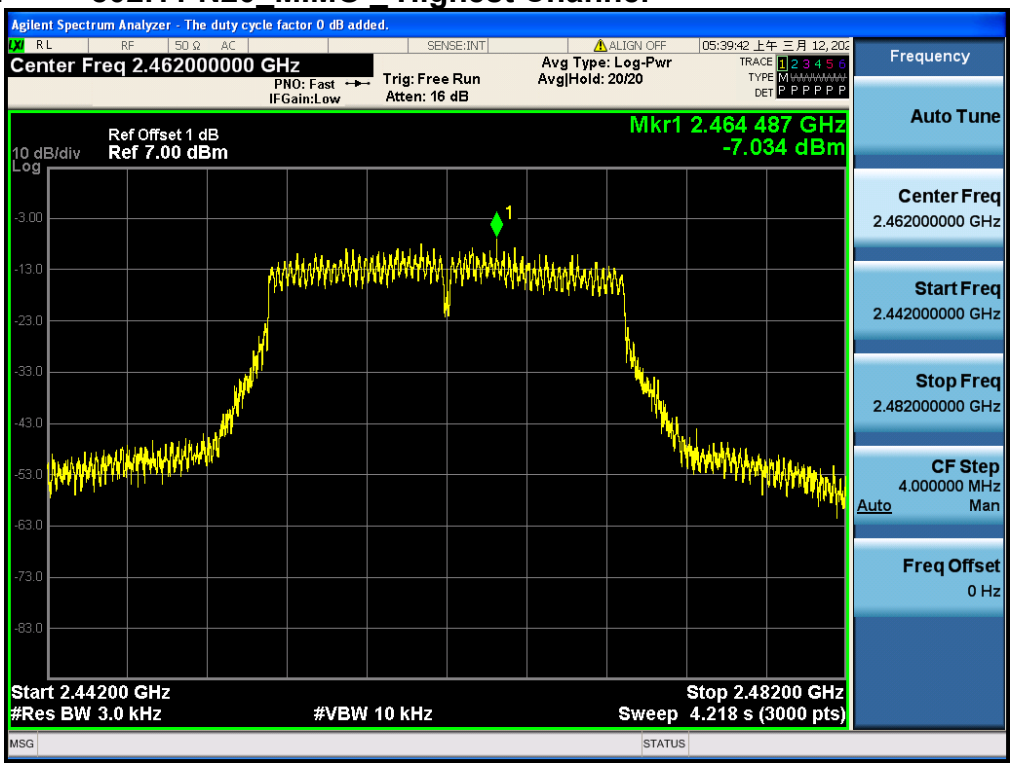
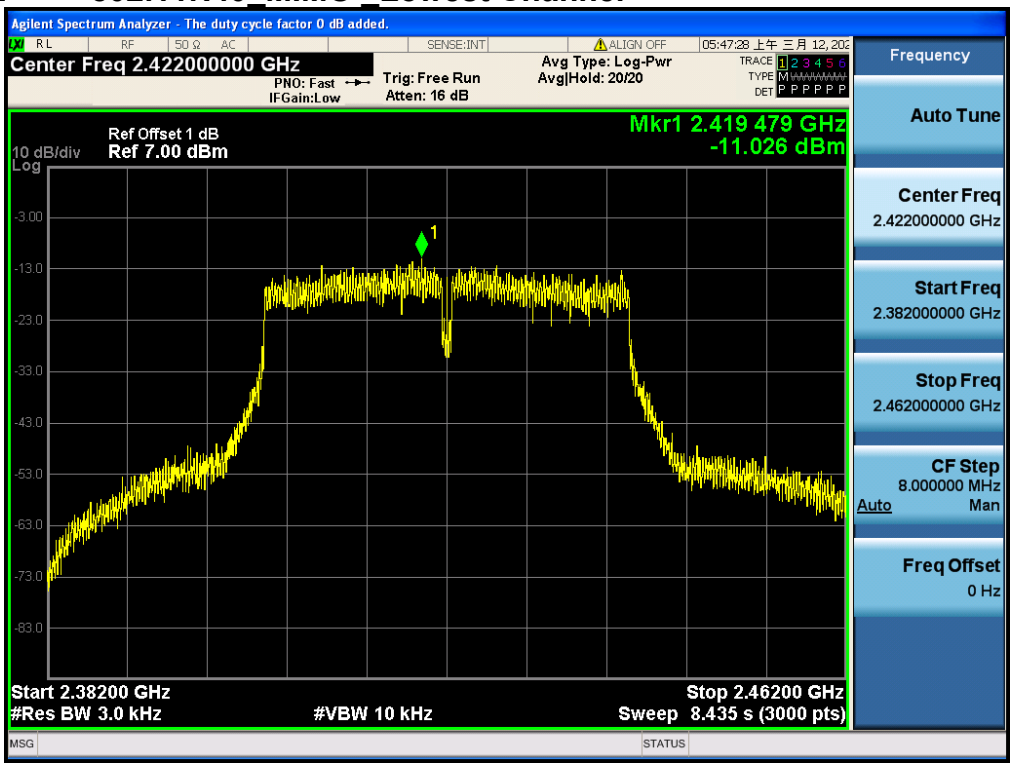
4.6.2.1.21 802.11 N20_MIMO _ Highest Channel



4.6.2.1.22 802.11N40_MIMO _Lowest Channel



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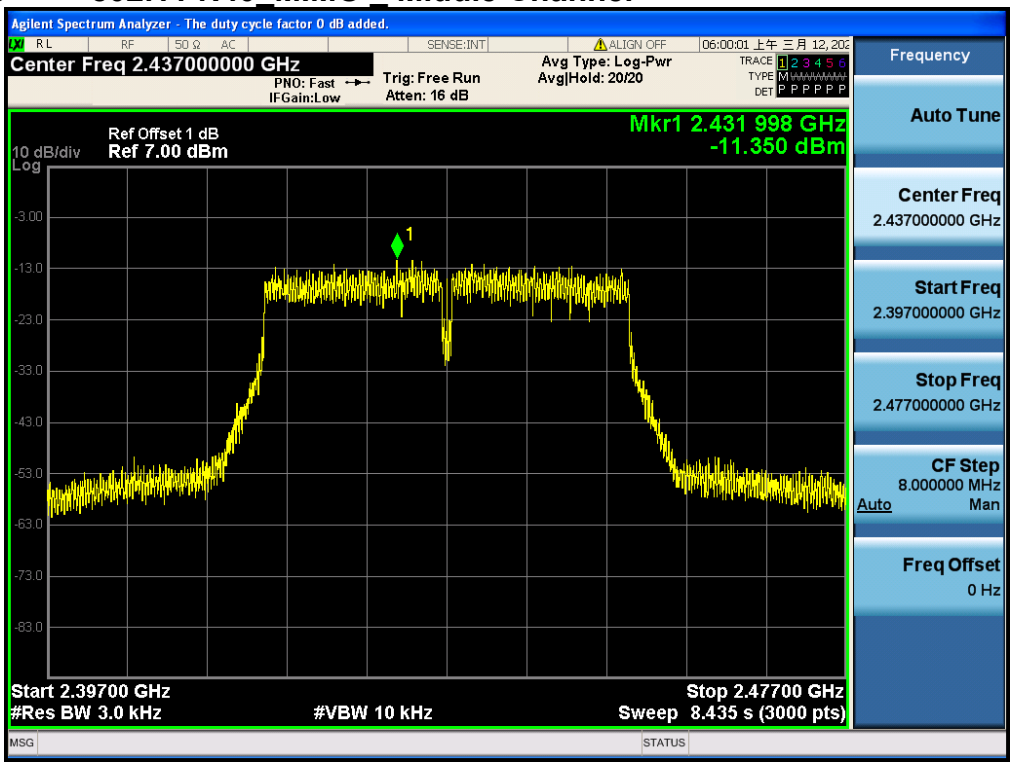
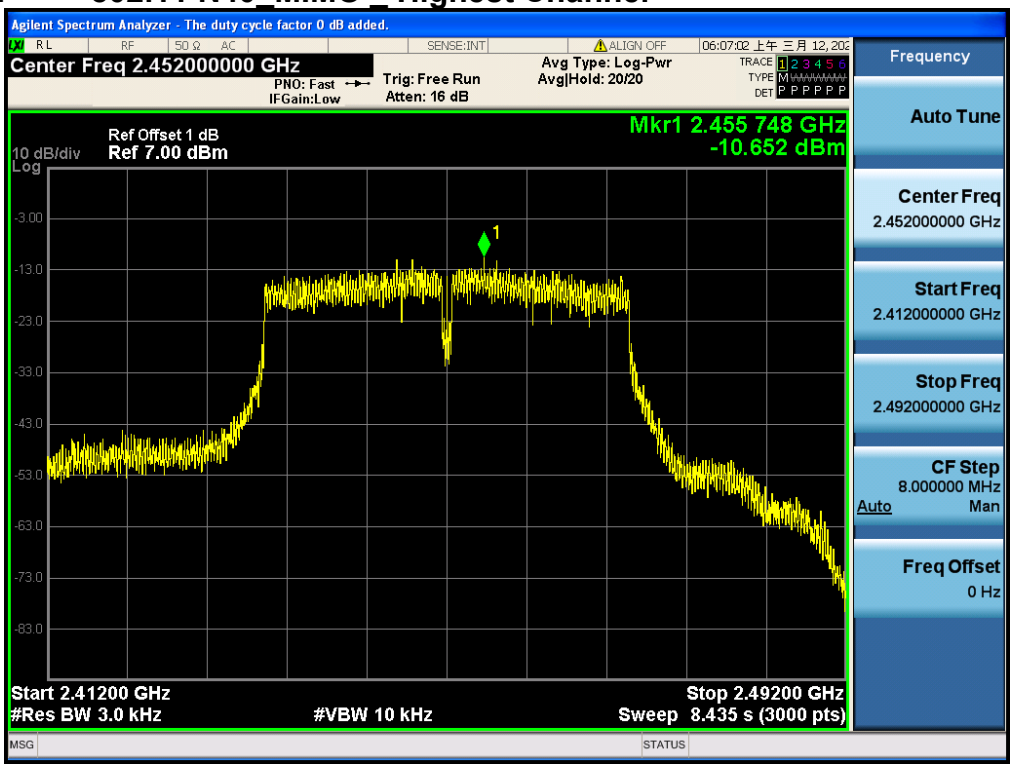
4.6.2.1.23 802.11 N40_MIMO _ Middle Channel



4.6.2.1.24 802.11 N40_MIMO _ Highest Channel



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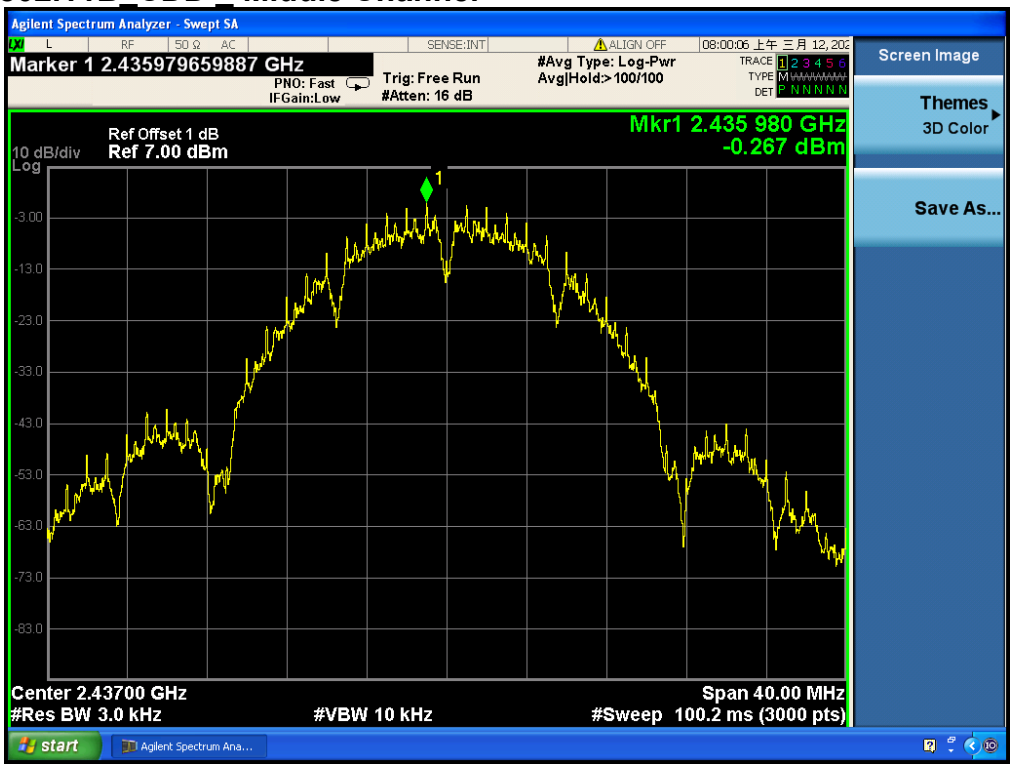
4.6.2.2 ANT2

4.6.2.2.1 802.11B_CDD_Lowest Channel

4.6.2.2.2 802.11B_CDD _ Middle Channel



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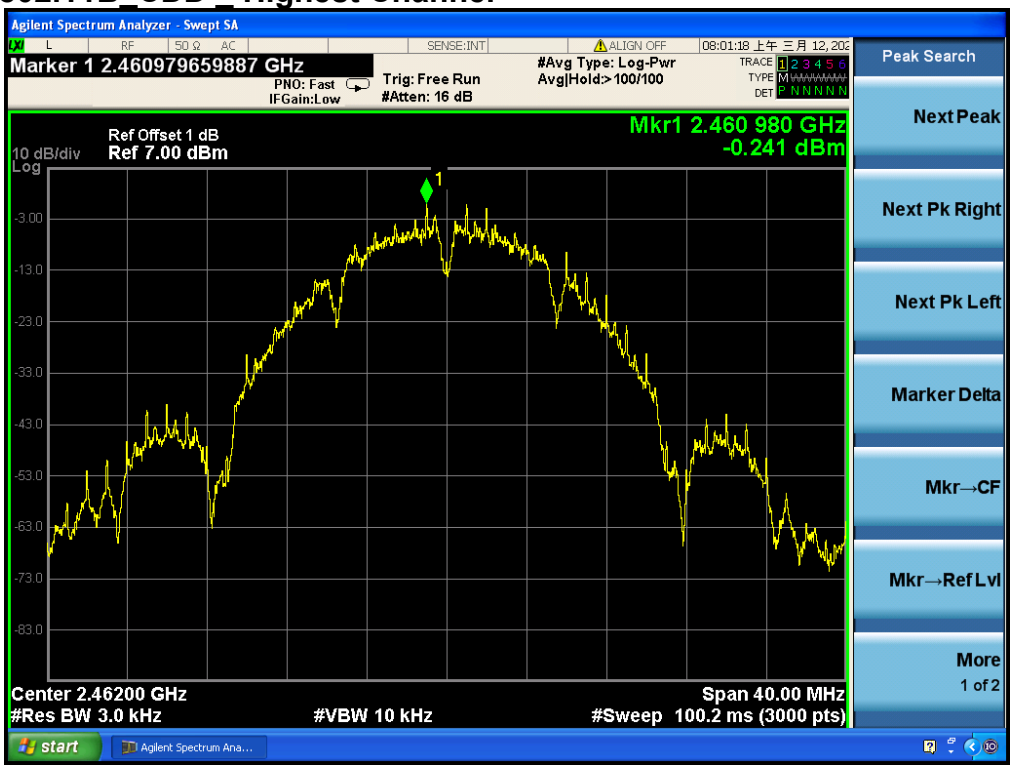
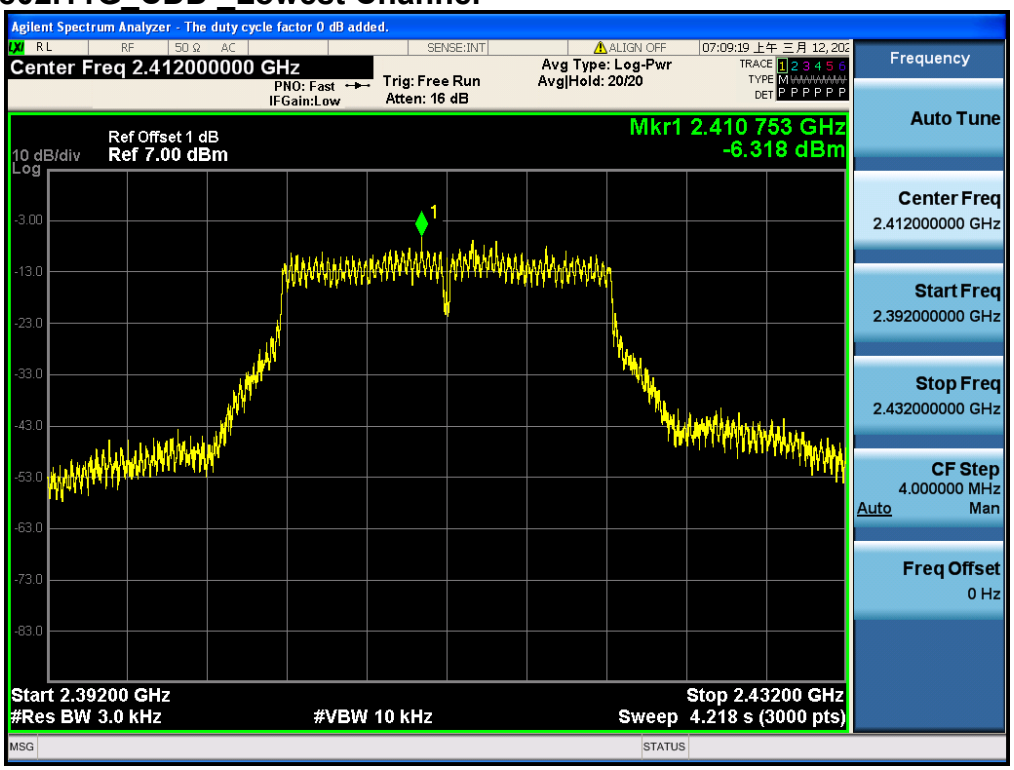
4.6.2.2.3 802.11B_CDD _ Highest Channel



4.6.2.2.4 802.11G_CDD _Lowest Channel



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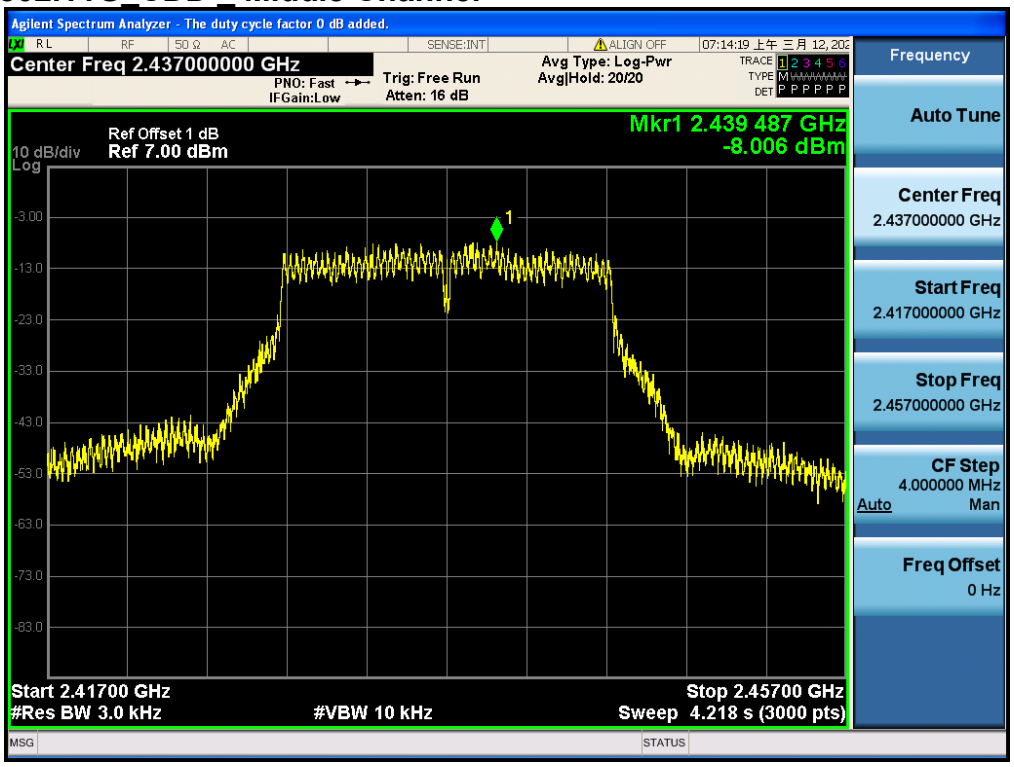
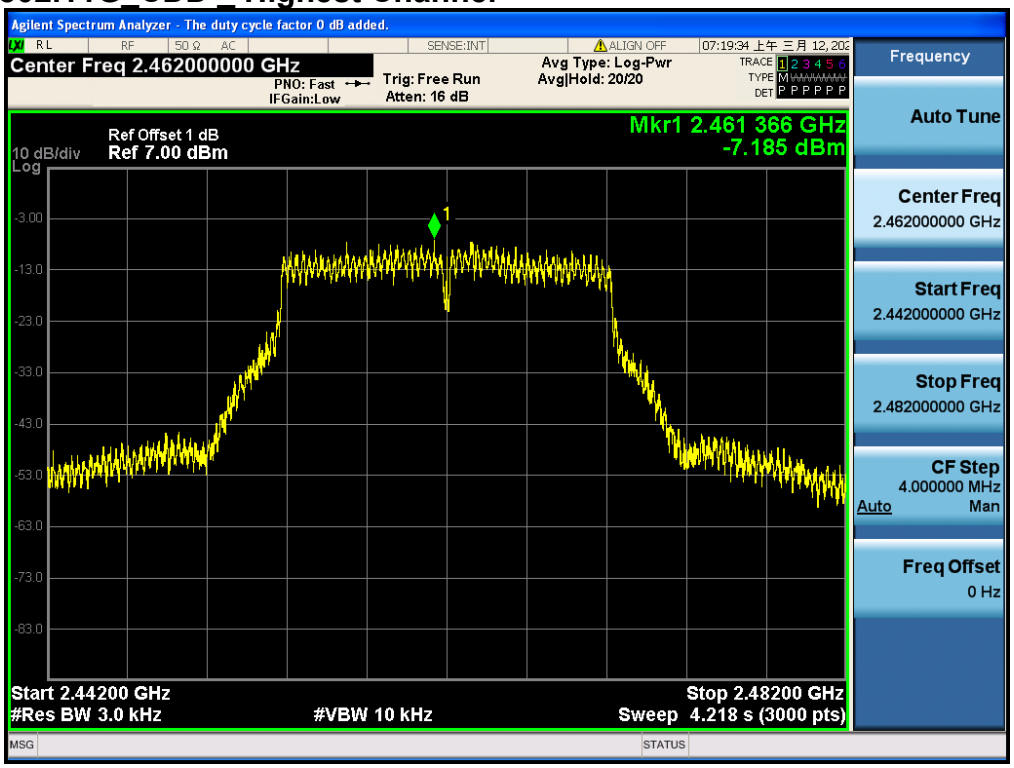
4.6.2.2.5 802.11G_CDD _ Middle Channel



4.6.2.2.6 802.11G_CDD _ Highest Channel



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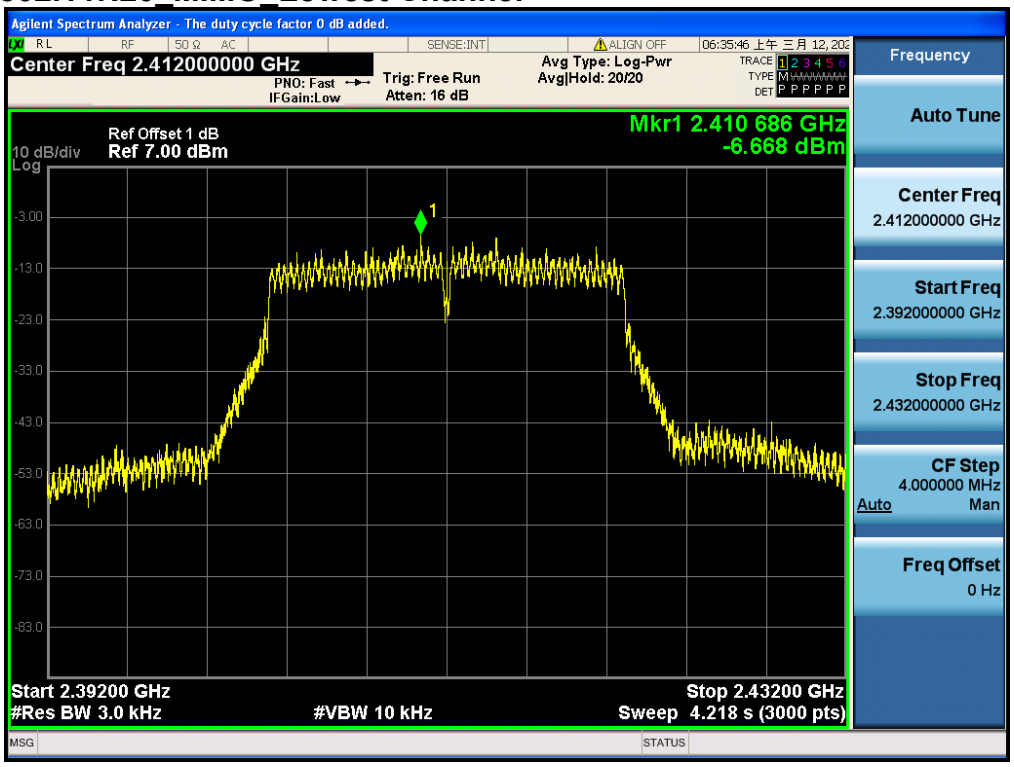
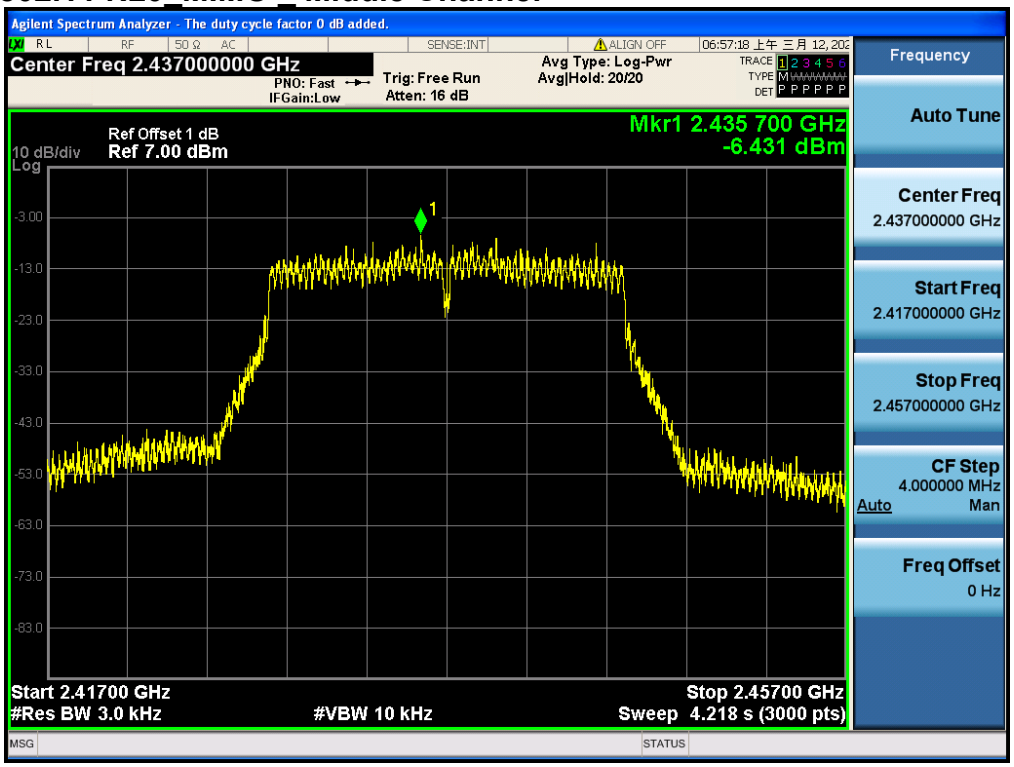
4.6.2.2.7 802.11N20_MIMO_Lowest Channel



4.6.2.2.8 802.11 N20_MIMO _ Middle Channel



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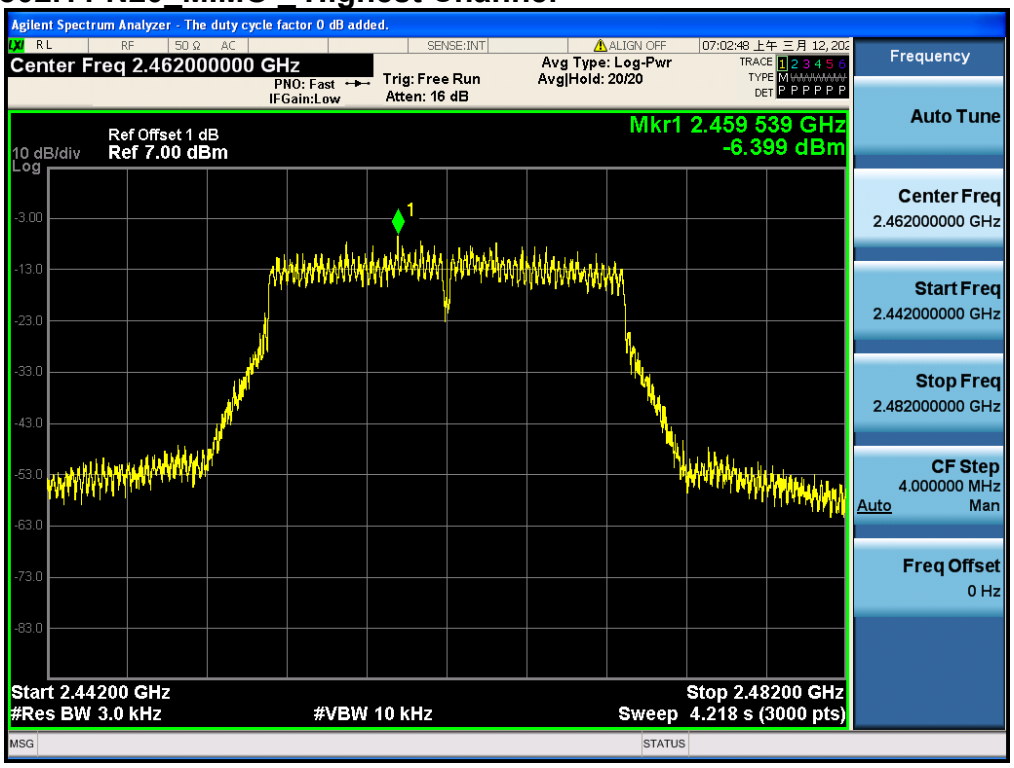
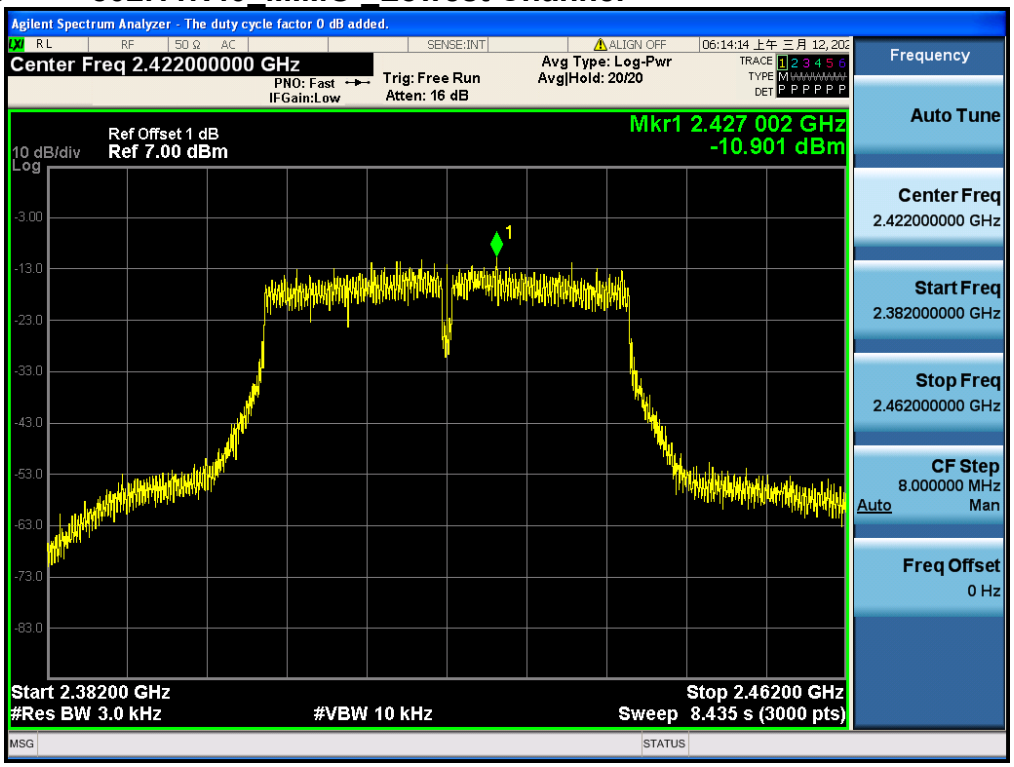
4.6.2.2.9 802.11 N20_MIMO _ Highest Channel



4.6.2.2.10 802.11N40_MIMO _Lowest Channel



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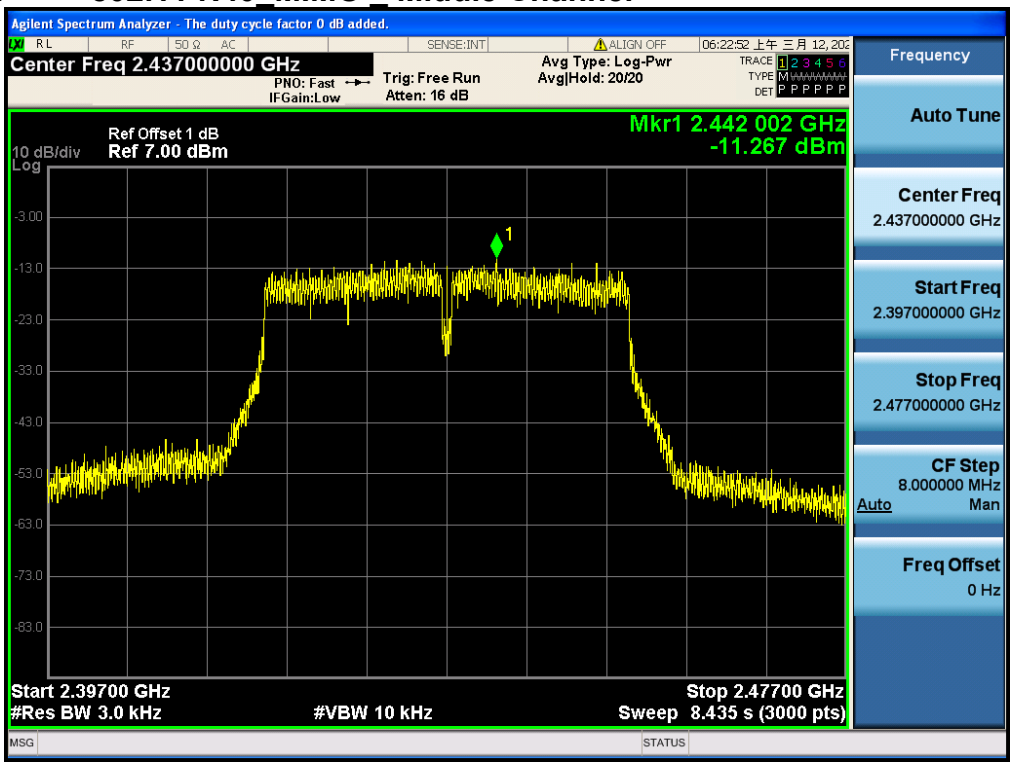
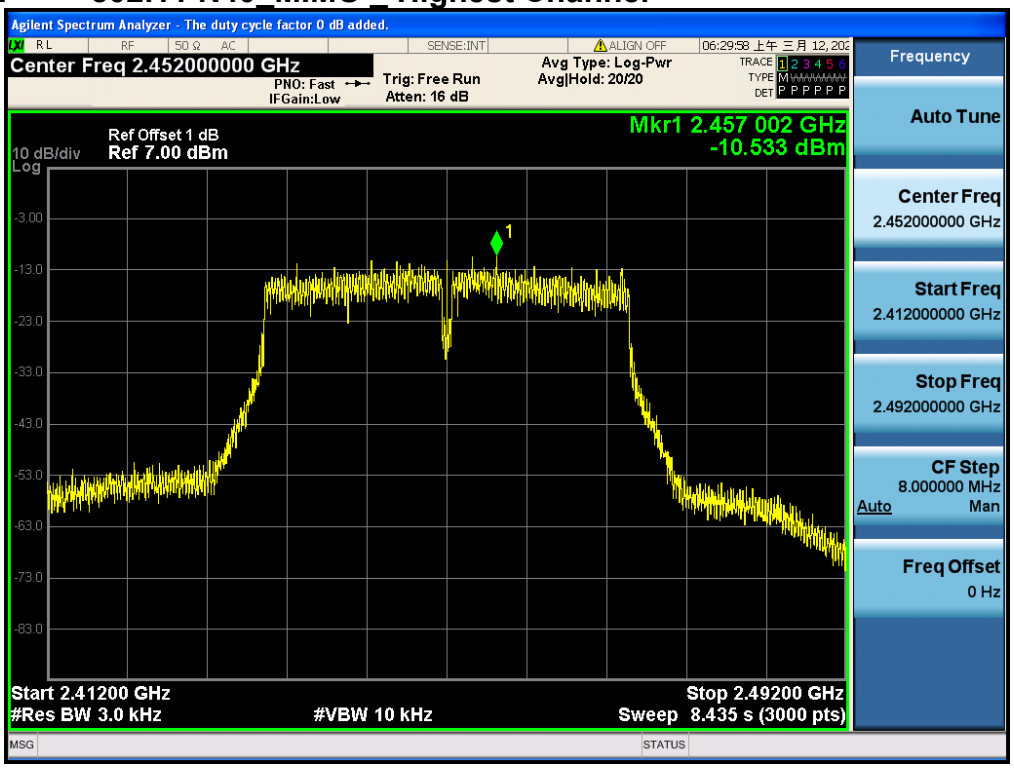
4.6.2.2.11 802.11 N40_MIMO _ Middle Channel



4.6.2.2.12 802.11 N40_MIMO _ Highest Channel



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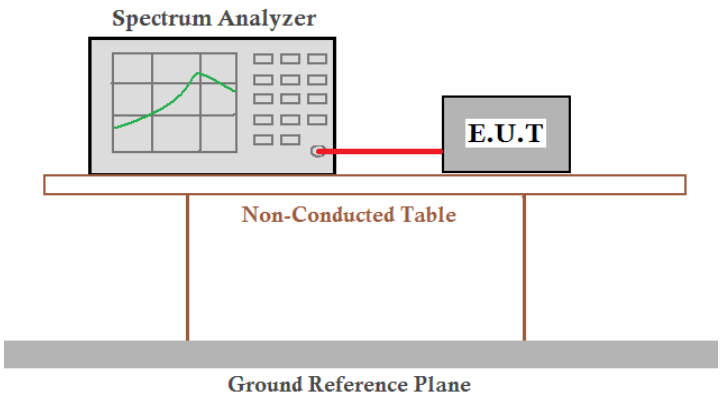
4.7 Band-edge for RF Conducted Emissions

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

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4.7.1 Test plots

4.7.1.1 ANT1

4.7.1.1.1 802.11B_Lowest Channel

4.7.1.1.2 802.11B_ Highest Channel

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4.7.1.1.3 802.11G_Lowest Channel

4.7.1.1.4 802.11G_ Highest Channel

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4.7.1.1.5 802.11N20_Lowest Channel

4.7.1.1.6 802.11 N20_ Highest Channel

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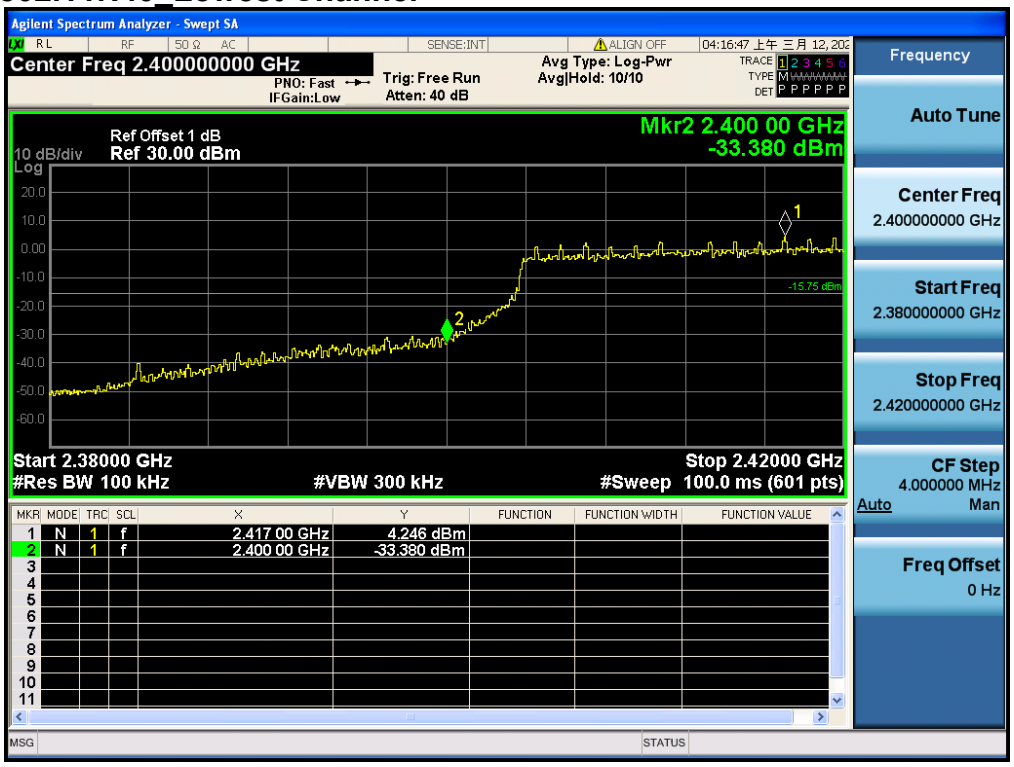
4.7.1.1.7 802.11N40_Lowest Channel



4.7.1.1.8 802.11 N40_ Highest Channel

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4.7.1.1.9 802.11B_CDD_Lowest Channel

4.7.1.1.10 802.11B_CDD _ Highest Channel

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4.7.1.1.11 802.11G_CDD _Lowest Channel

4.7.1.1.12 802.11G_CDD _ Highest Channel

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4.7.1.1.13 802.11N20_MIMO_Lowest Channel

4.7.1.1.14 802.11 N20_MIMO _ Highest Channel

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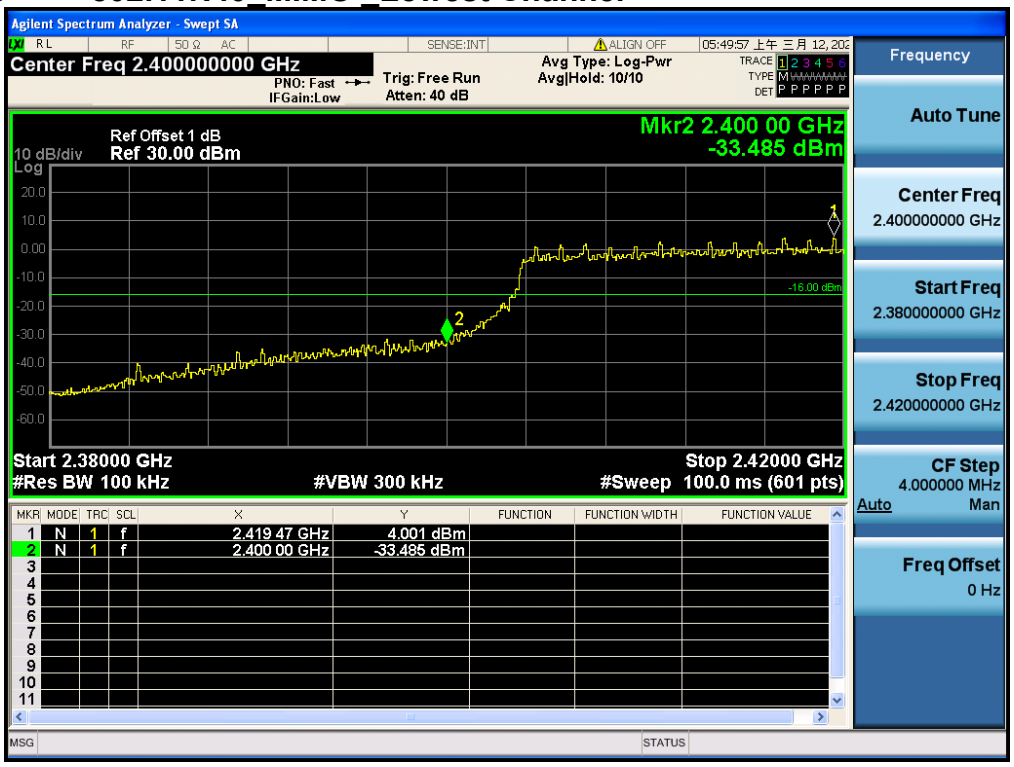
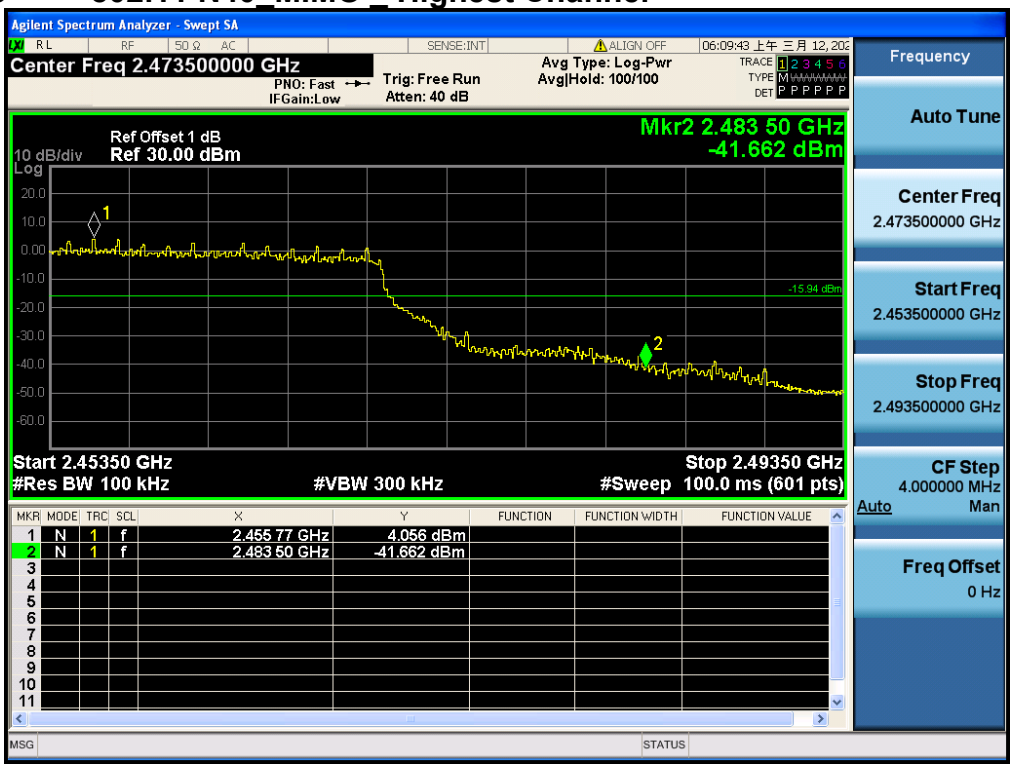
4.7.1.1.15 802.11N40_MIMO _Lowest Channel



4.7.1.1.16 802.11 N40_MIMO _ Highest Channel



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4.7.1.2 ANT2

4.7.1.2.1 802.11B_CDD_Lowest Channel

4.7.1.2.2 802.11B_CDD _ Highest Channel

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4.7.1.2.3 802.11G_CDD _Lowest Channel

4.7.1.2.4 802.11G_CDD _ Highest Channel

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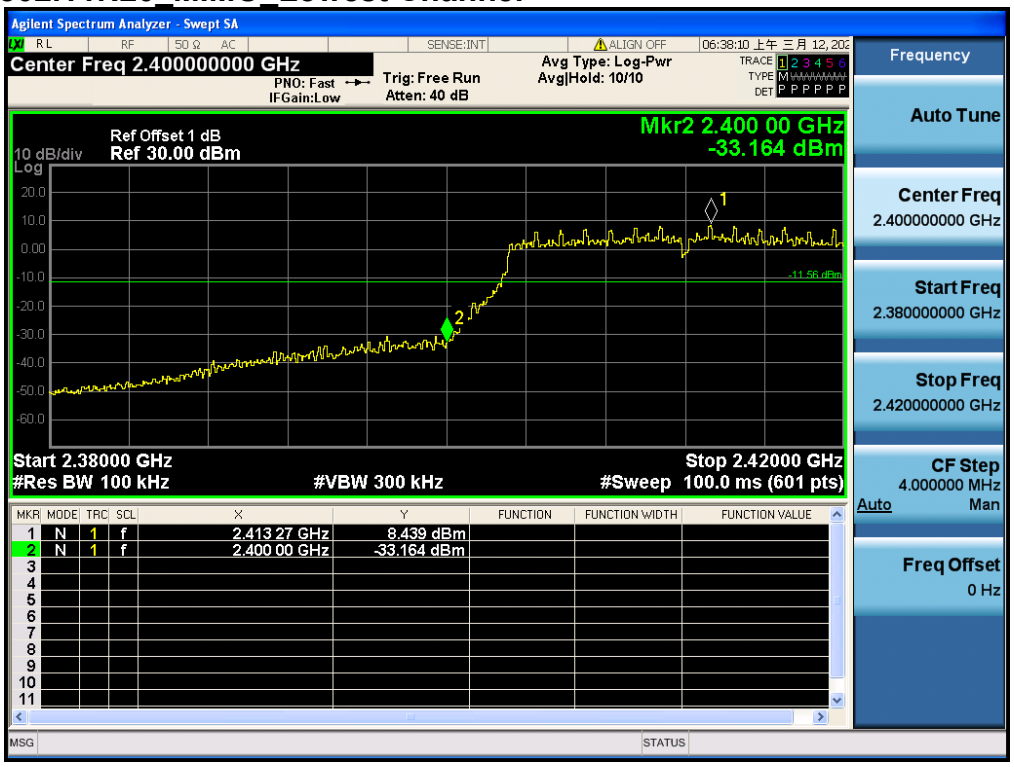
4.7.1.2.5 802.11N20_MIMO_Lowest Channel



4.7.1.2.6 802.11 N20_MIMO _ Highest Channel

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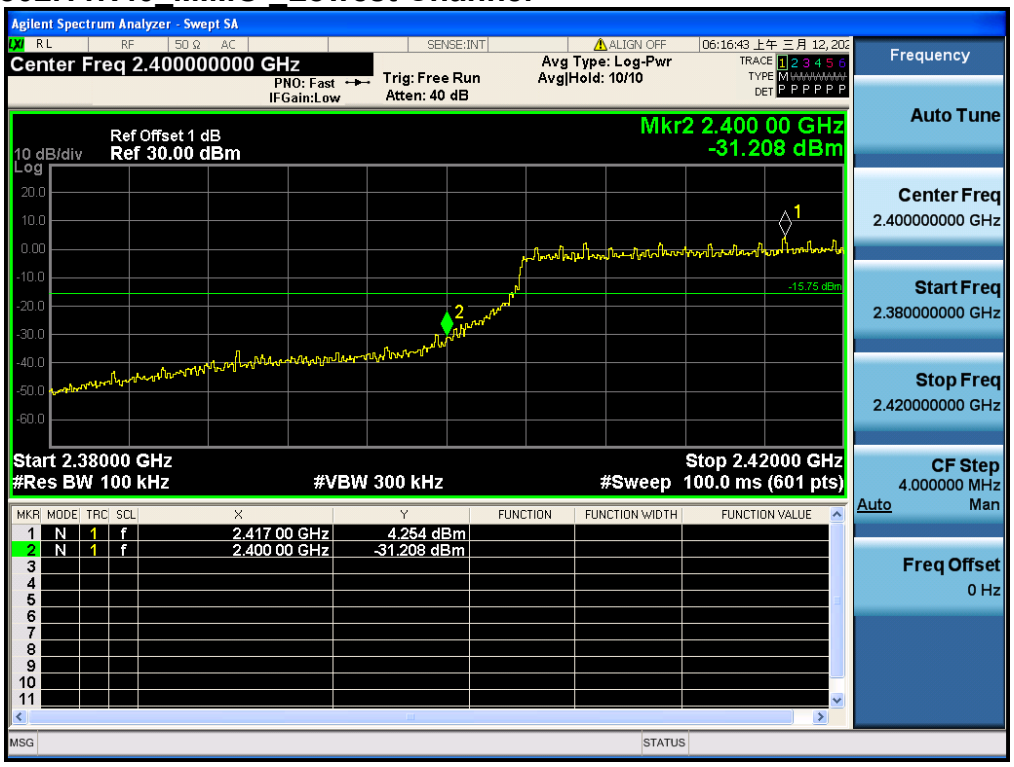
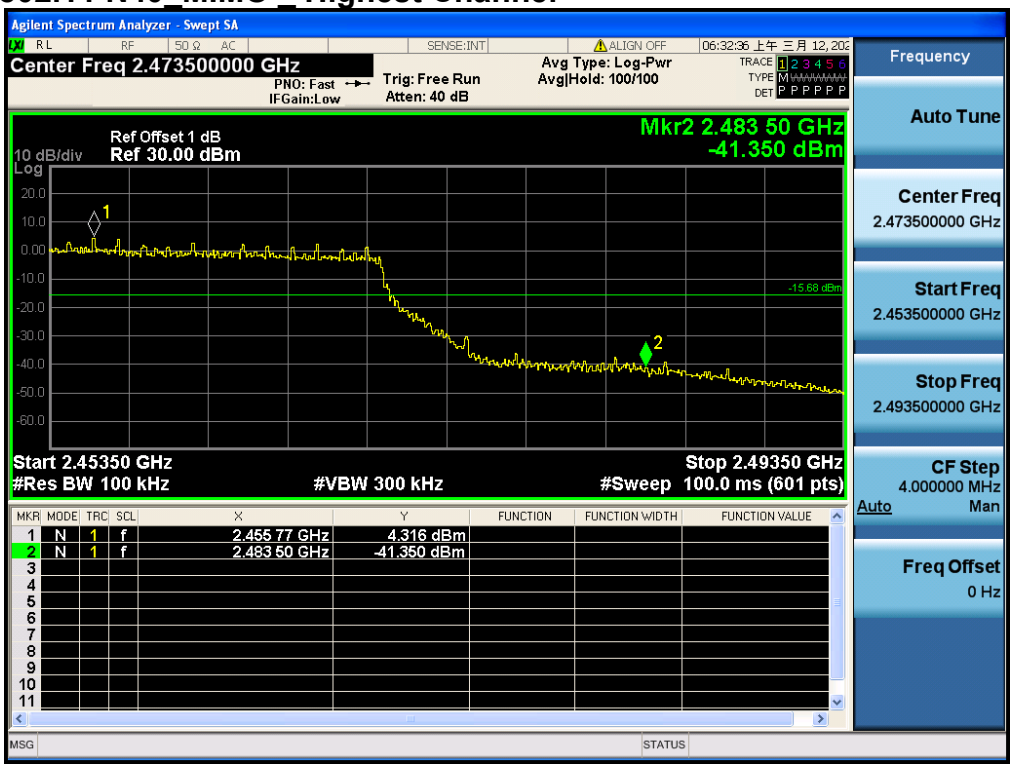
4.7.1.2.7 802.11N40_MIMO _Lowest Channel



4.7.1.2.8 802.11 N40_MIMO _ Highest Channel



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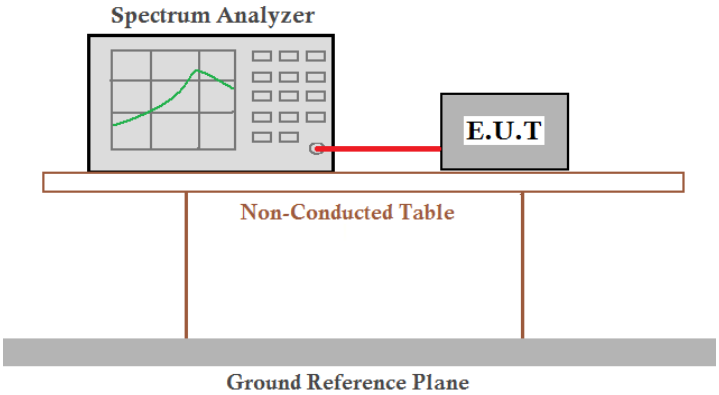
4.8 RF Conducted Spurious Emissions

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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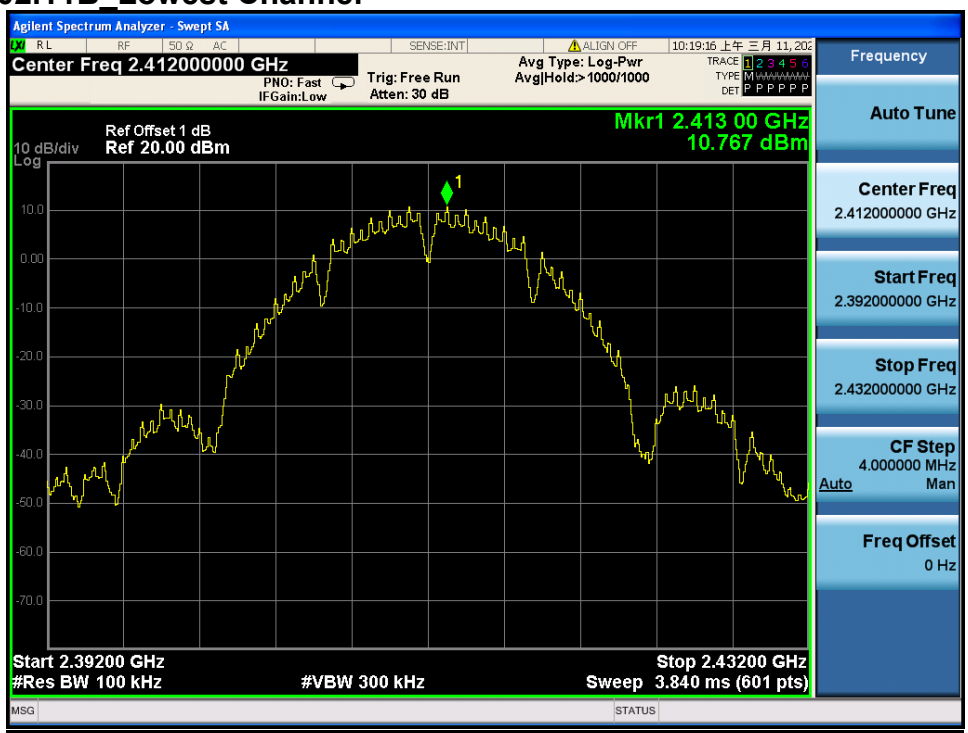
4.8.1 Test plots

4.8.1.1 ANT1

4.8.1.1.1 802.11B_Lowest Channel



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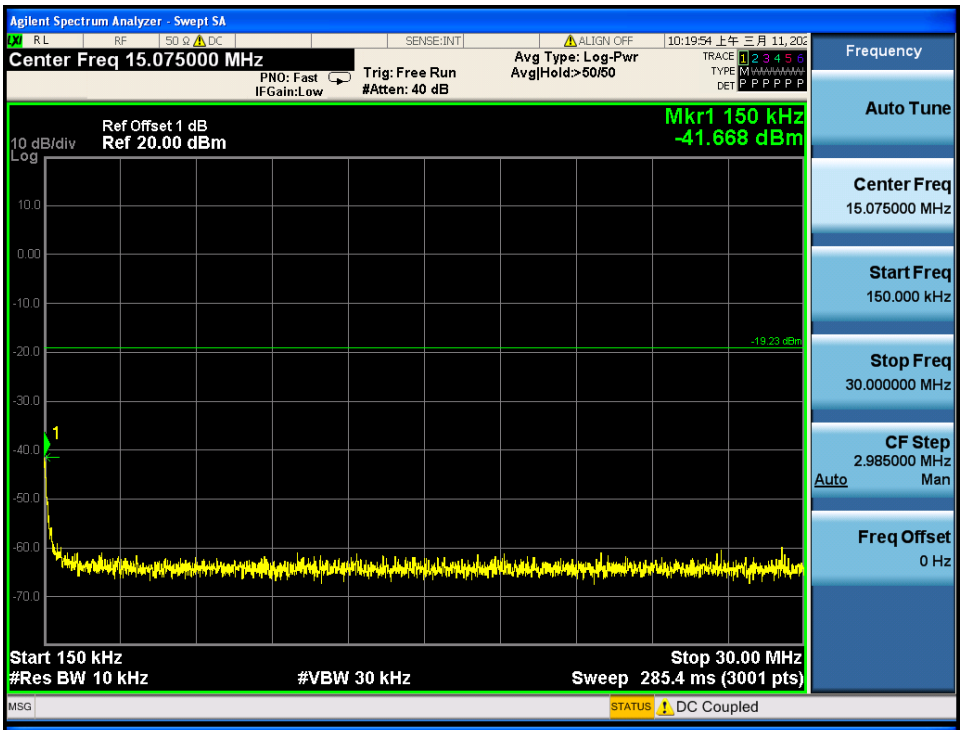

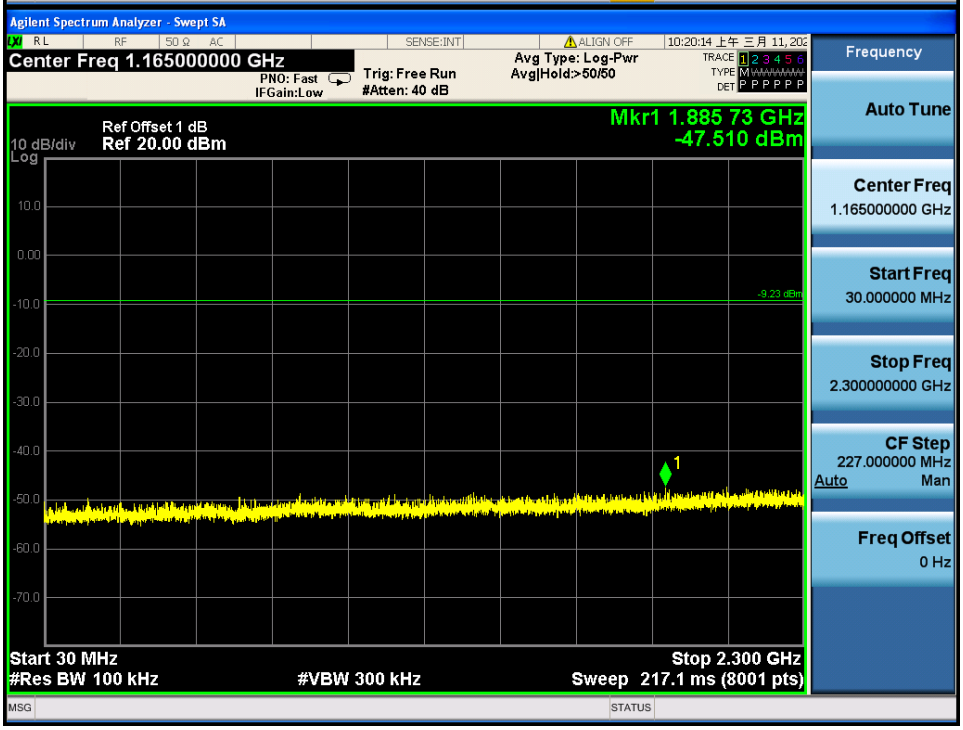

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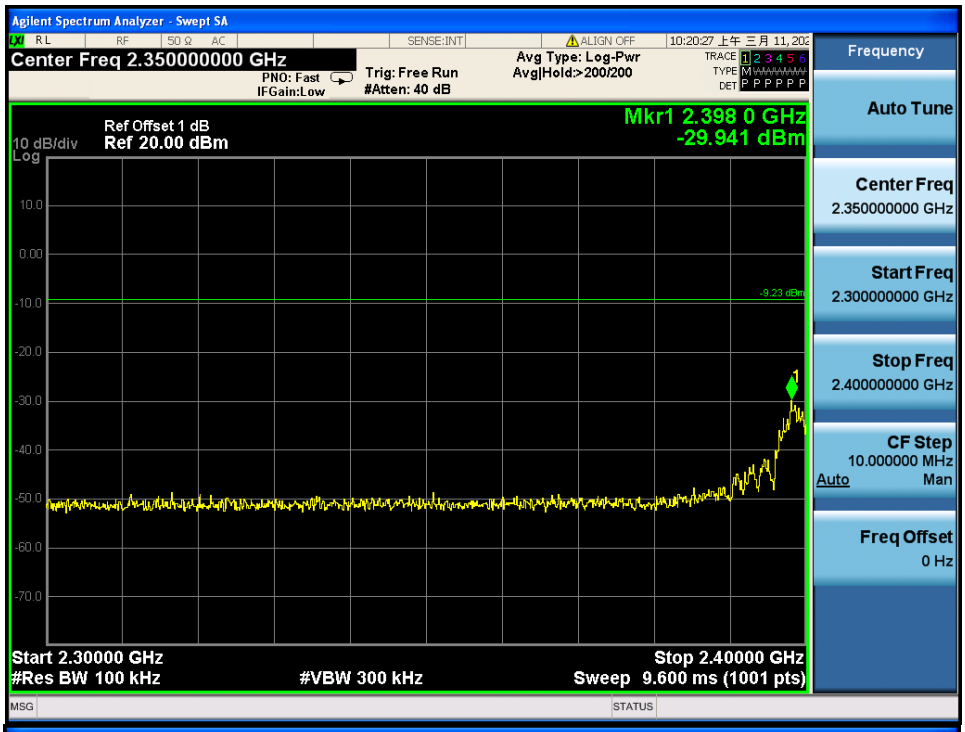

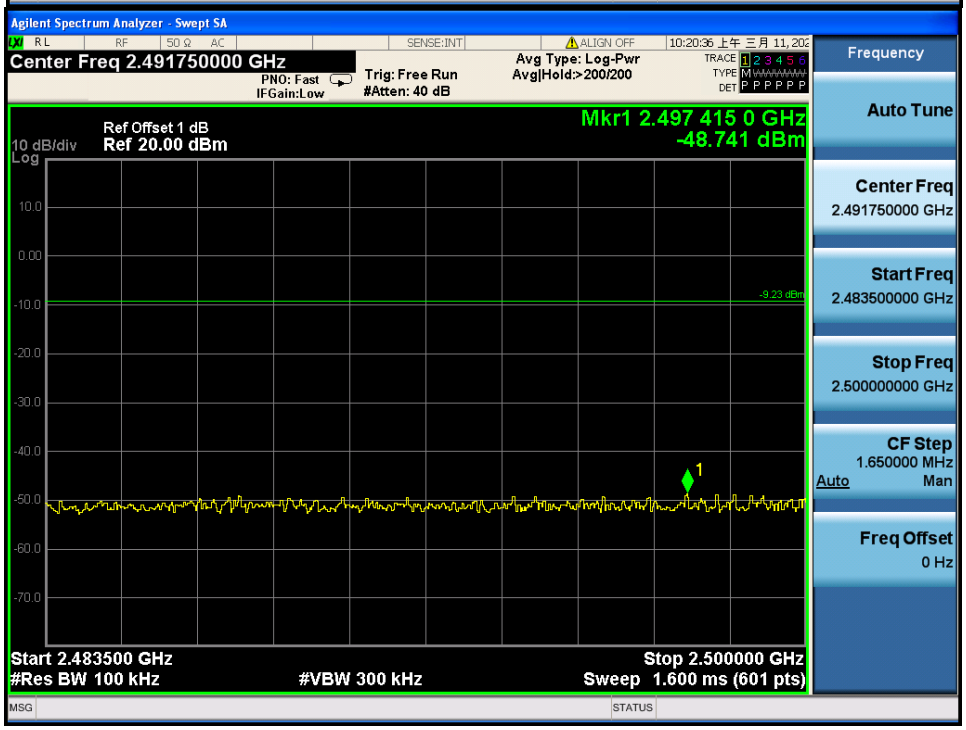

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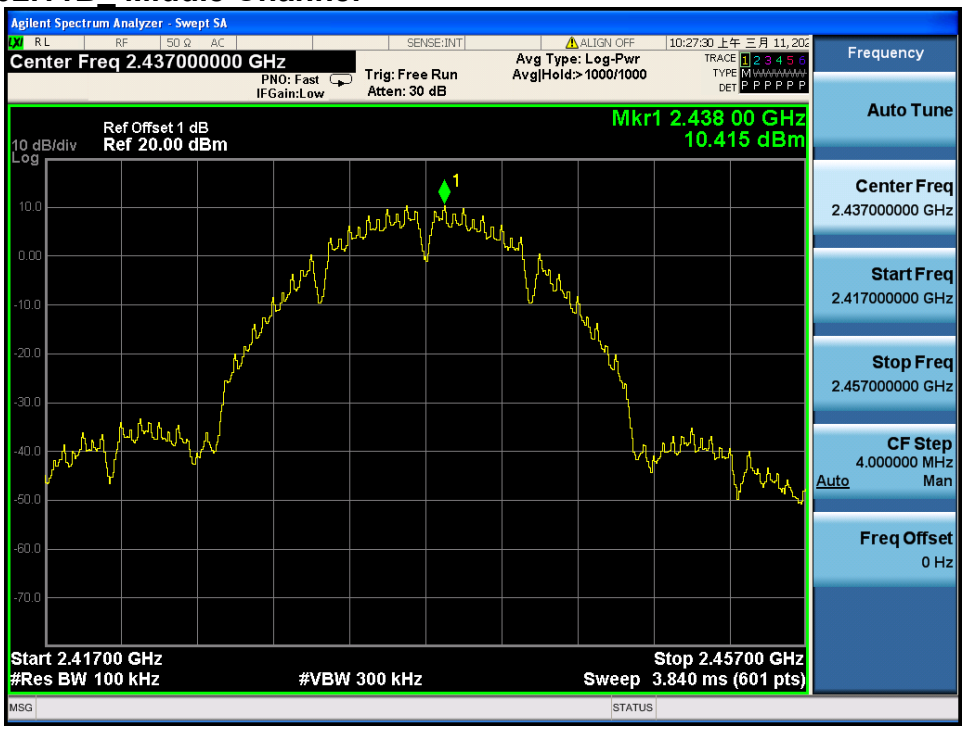
4.8.1.1.2 802.11B_ Middle Channel



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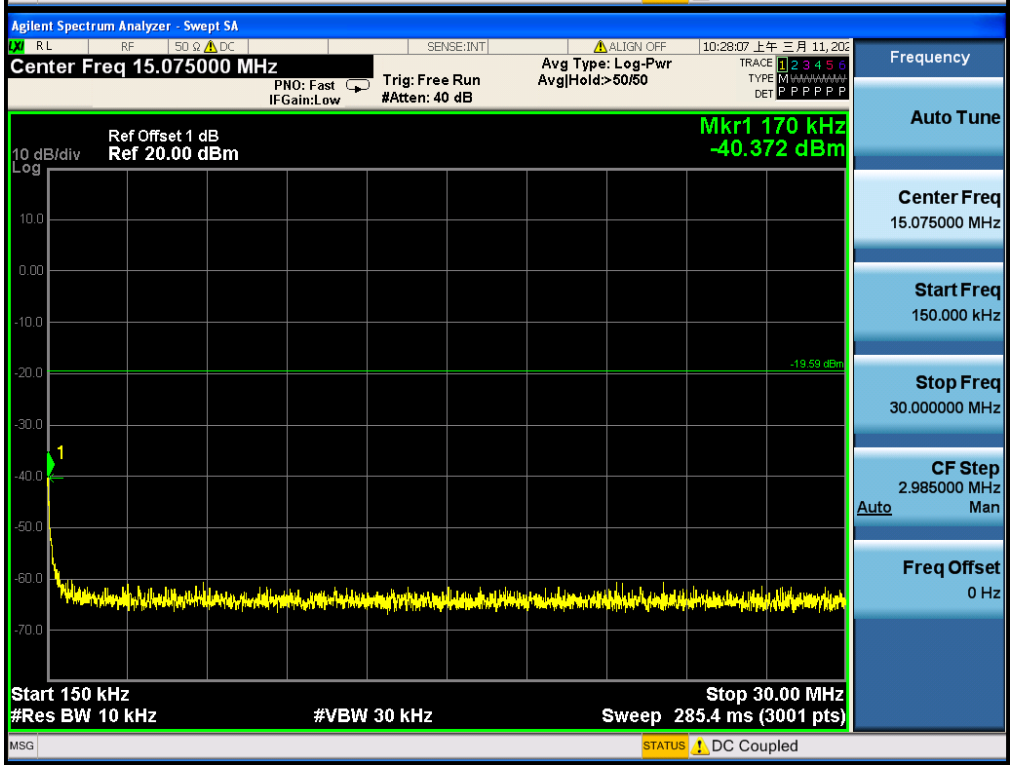

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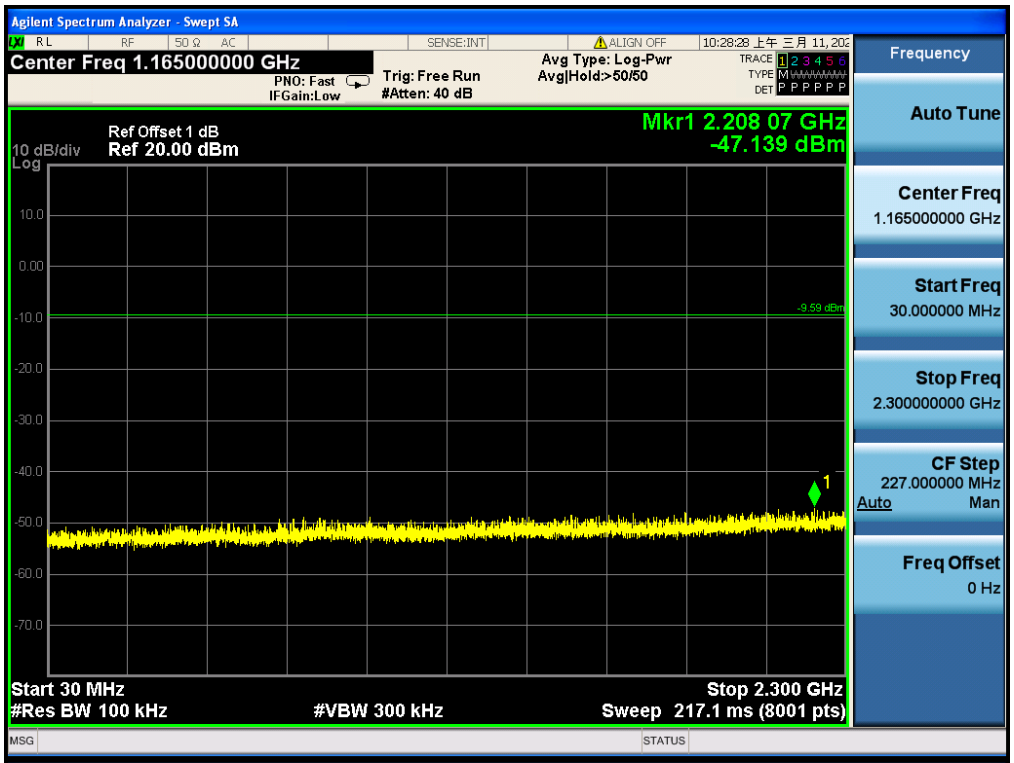

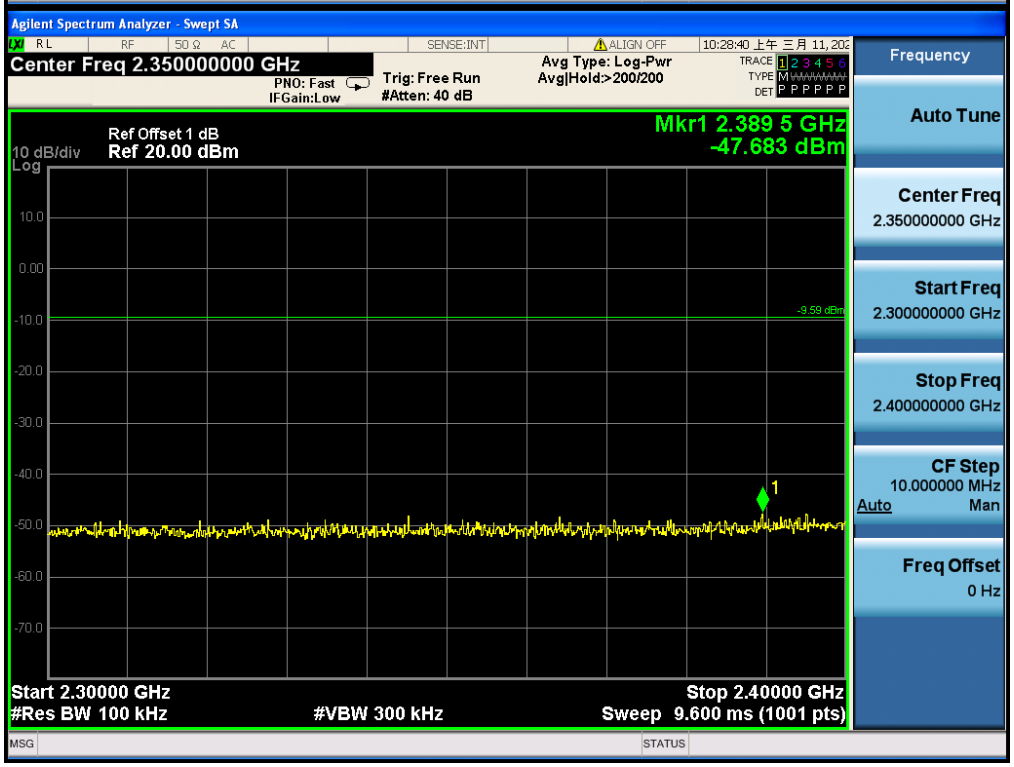

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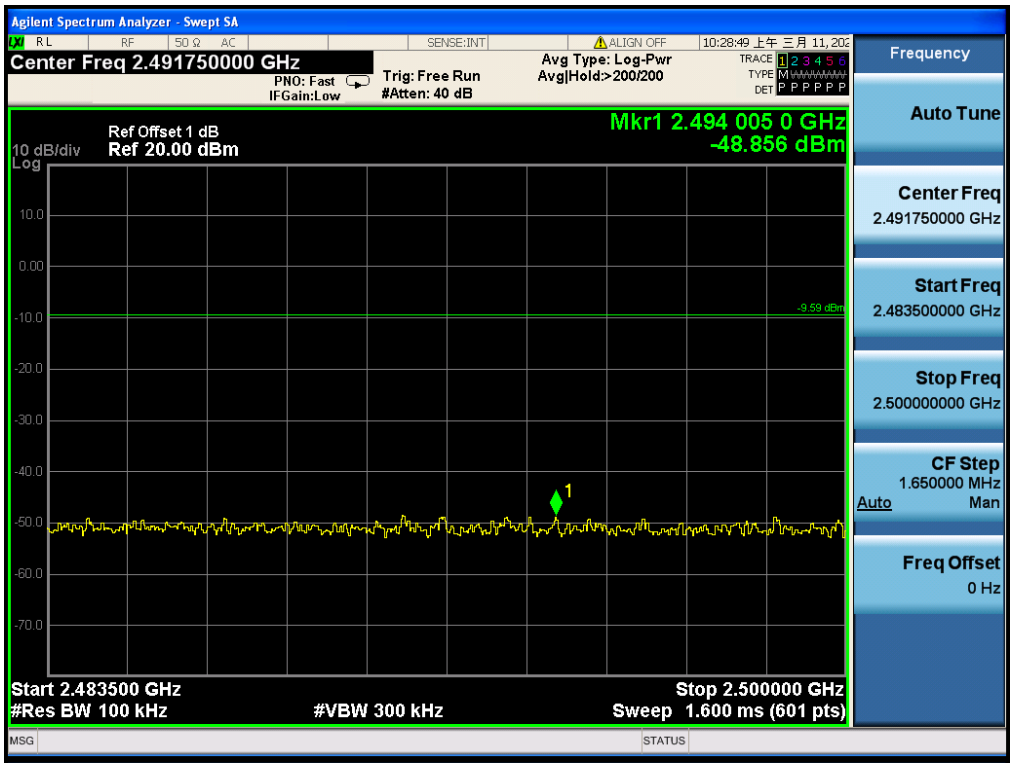

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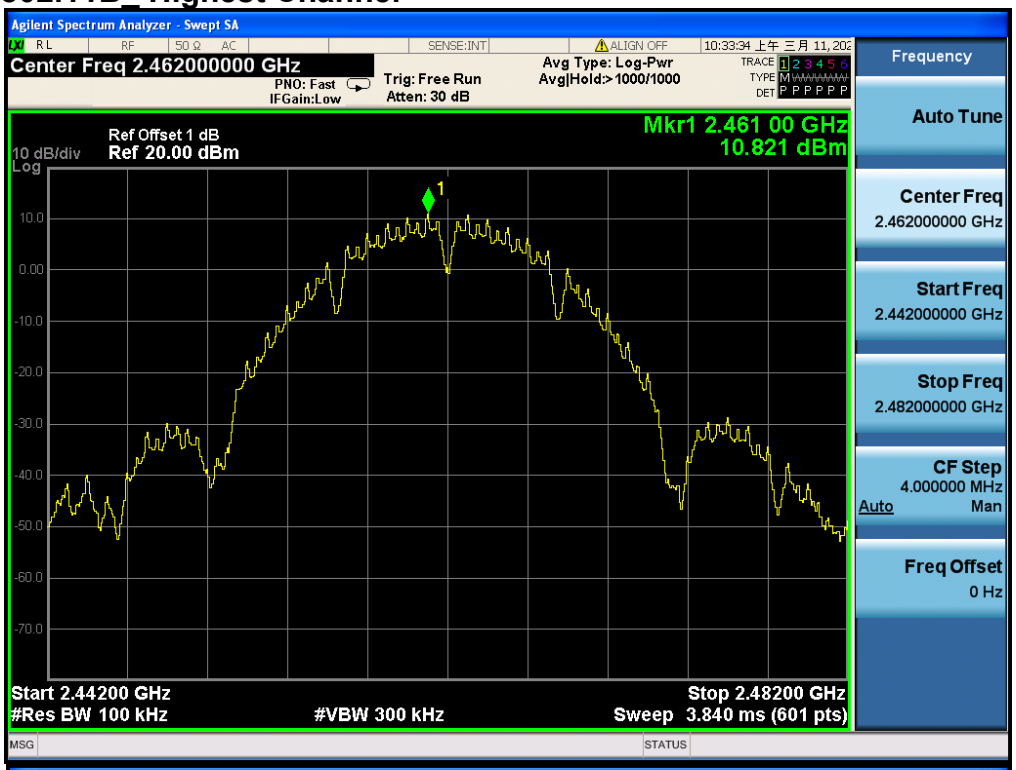
4.8.1.1.3 802.11B_ Highest Channel



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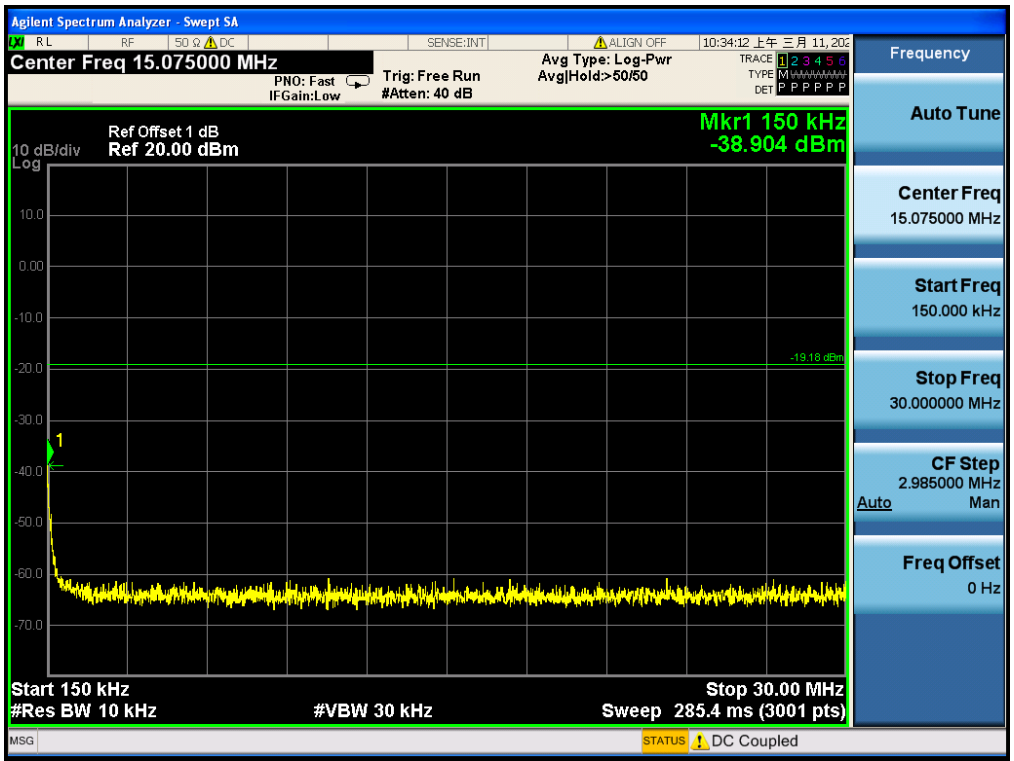

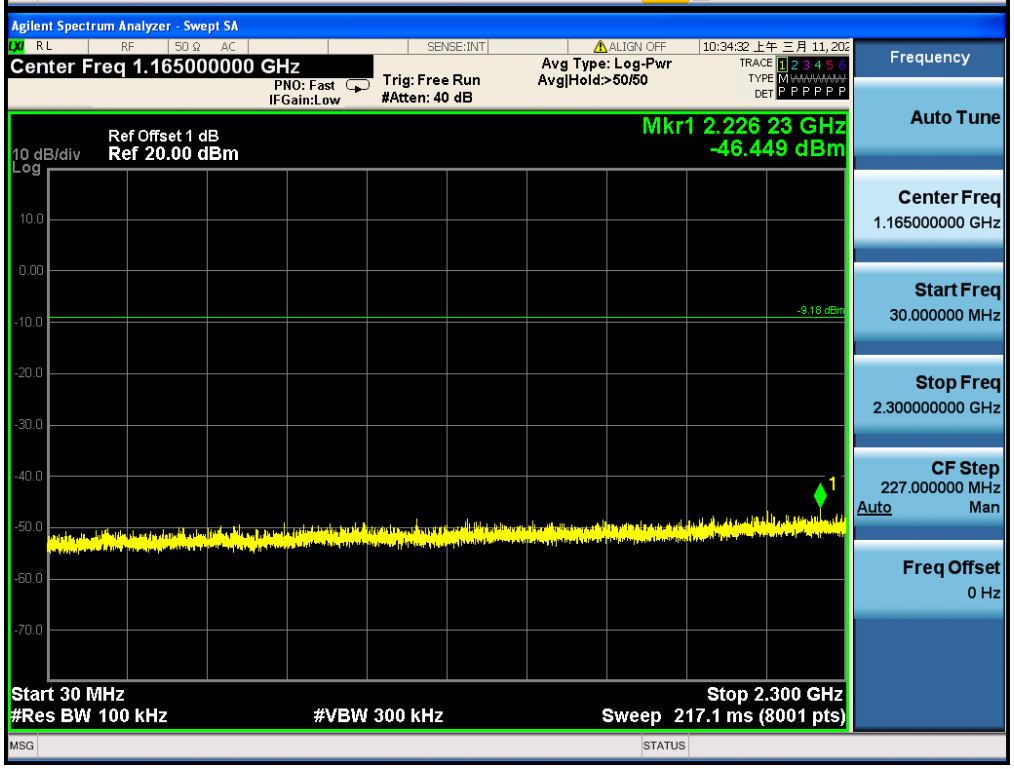

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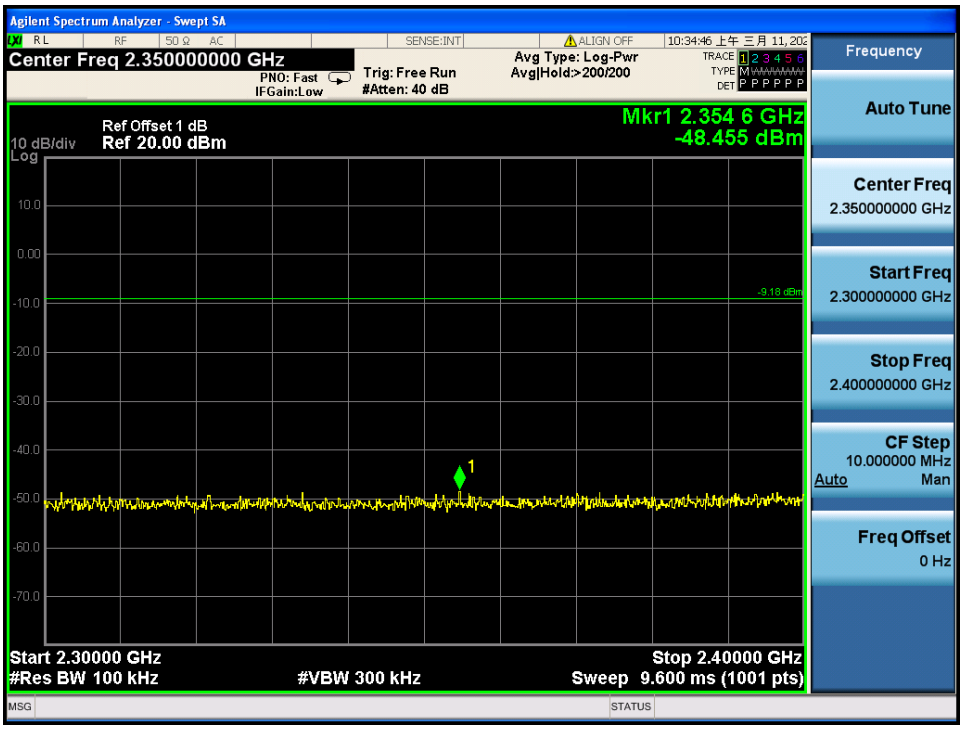

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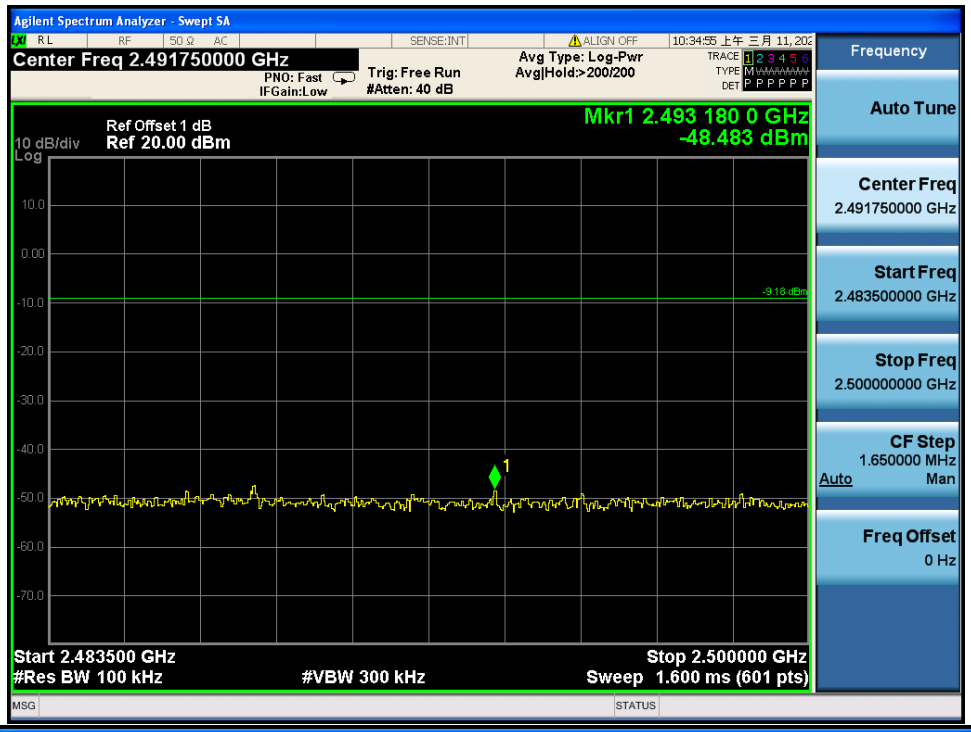

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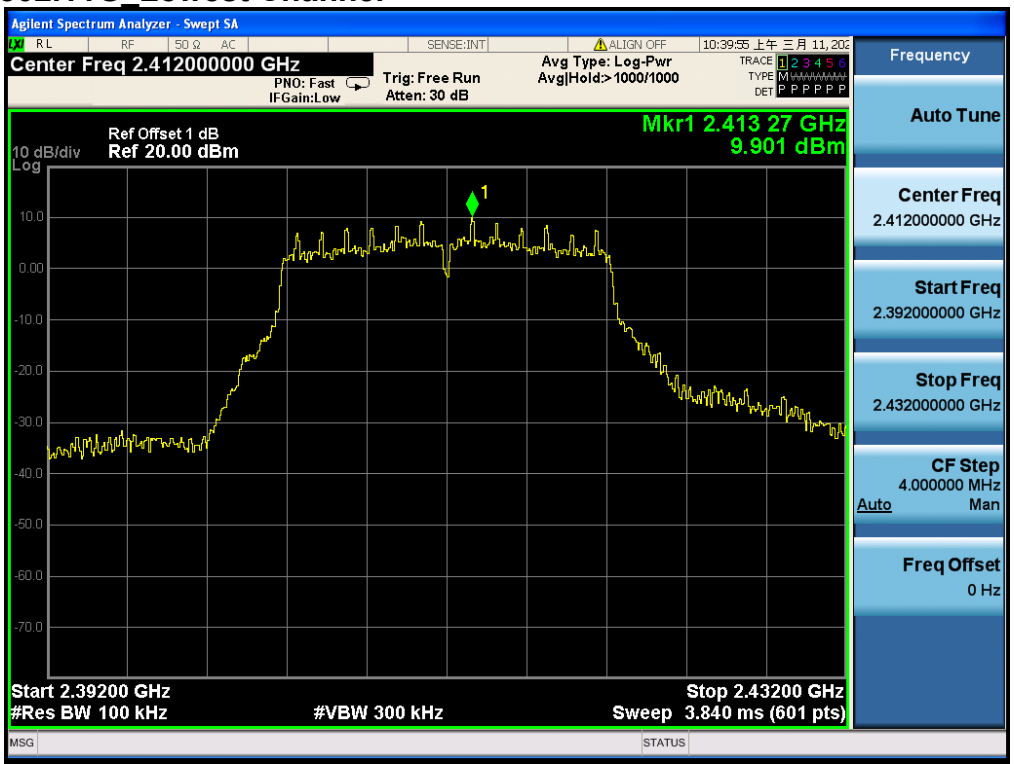
4.8.1.1.4 802.11G_Lowest Channel



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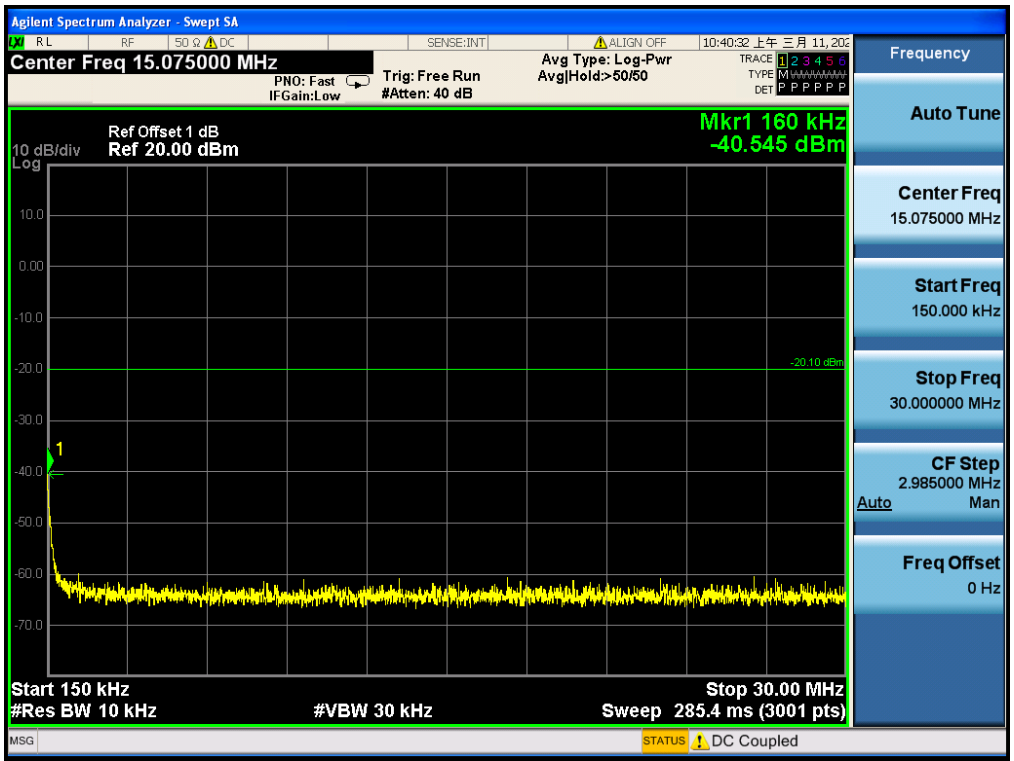

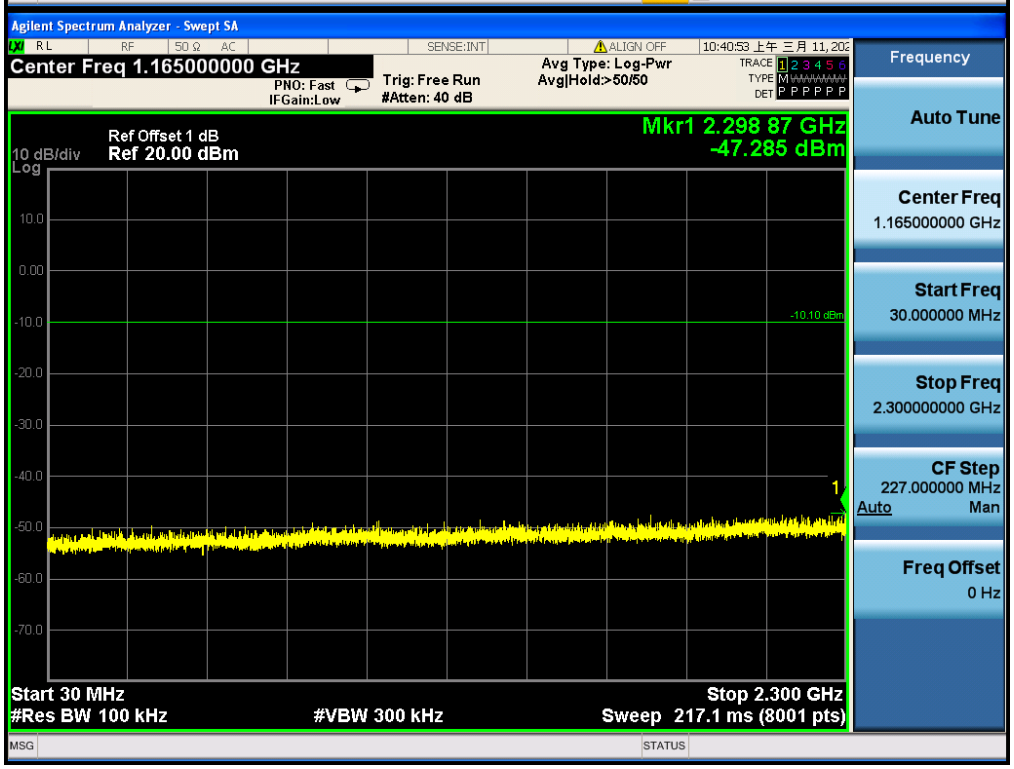

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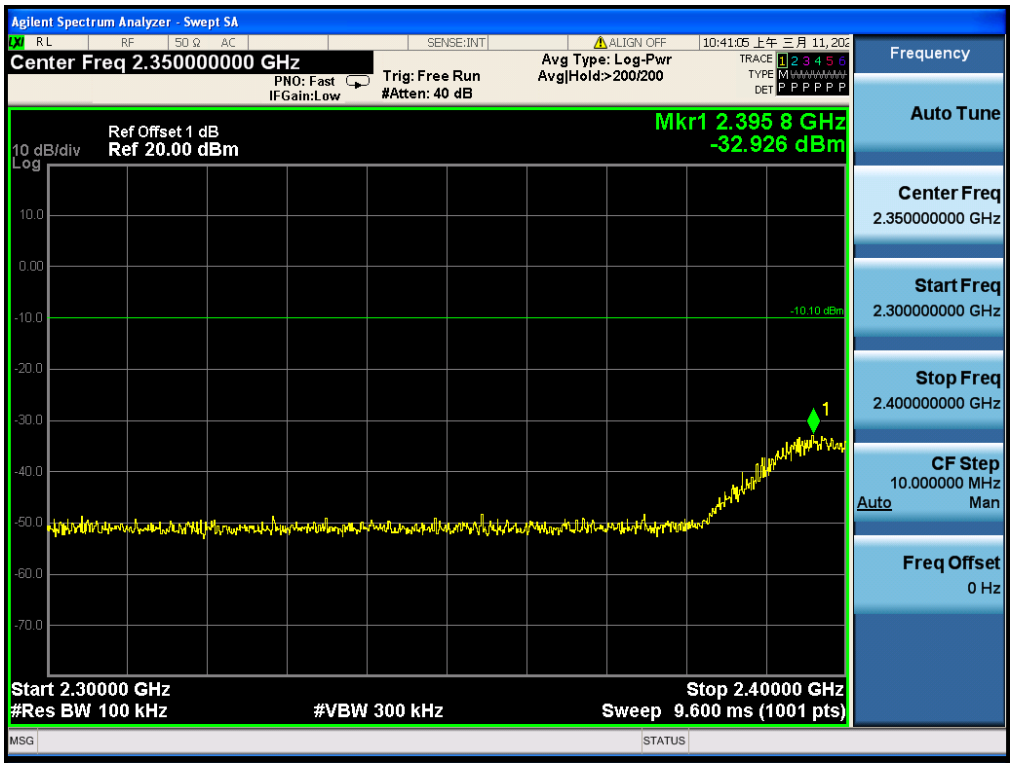

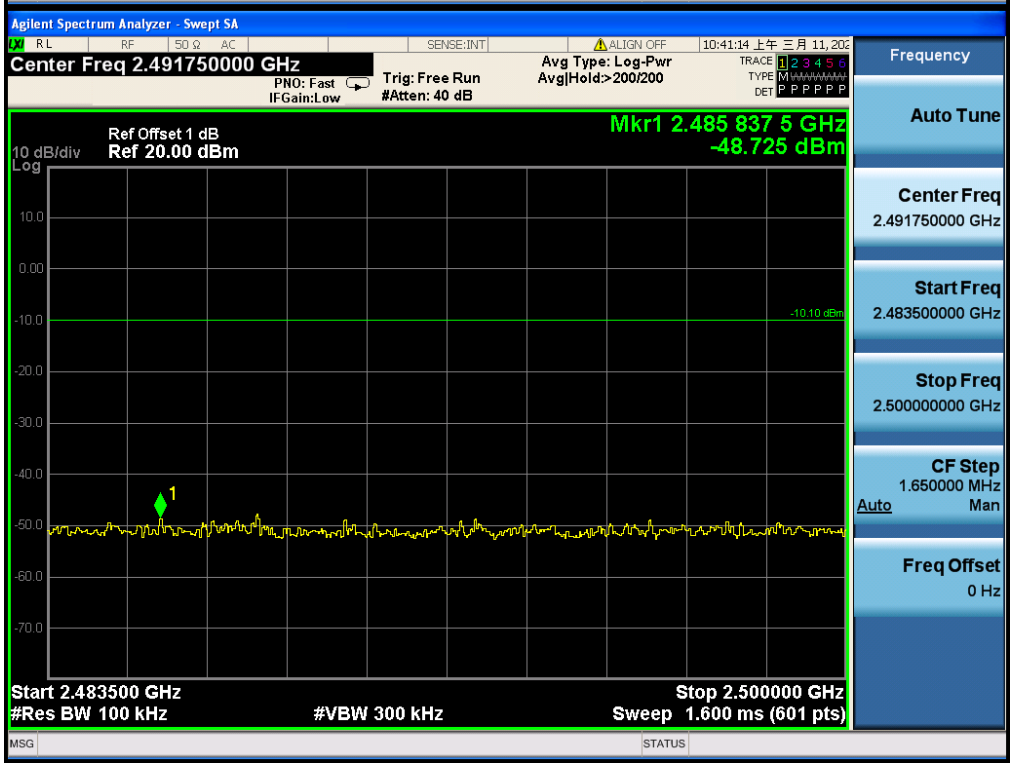

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4.8.1.1.5 802.11G_ Middle Channel

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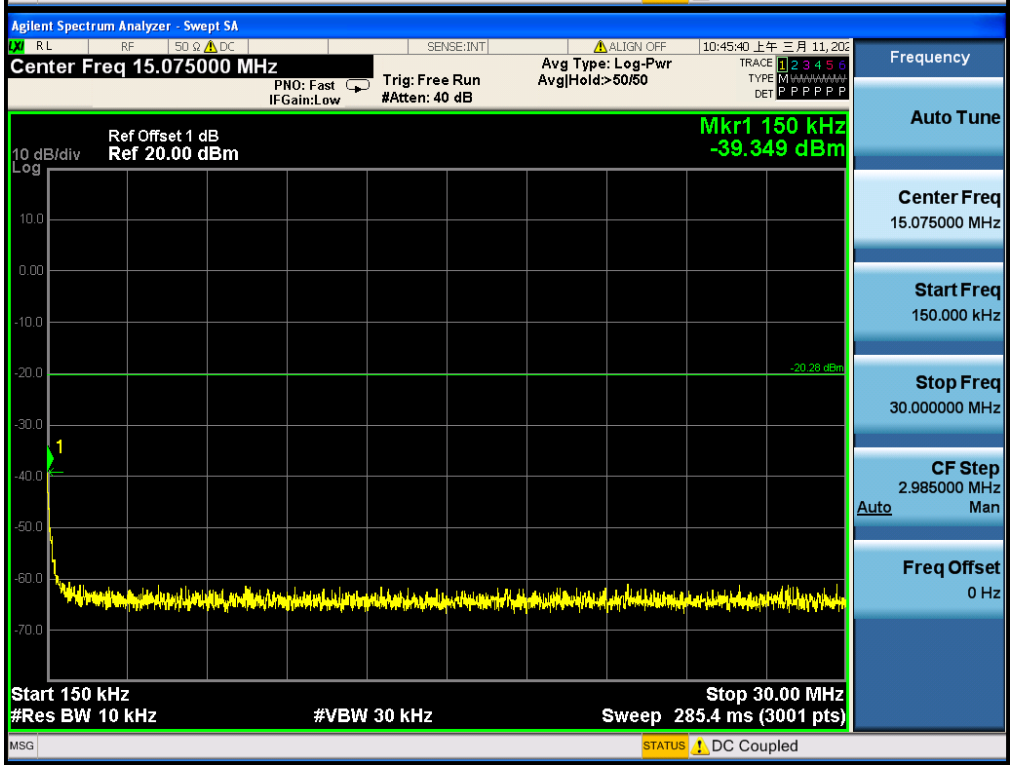

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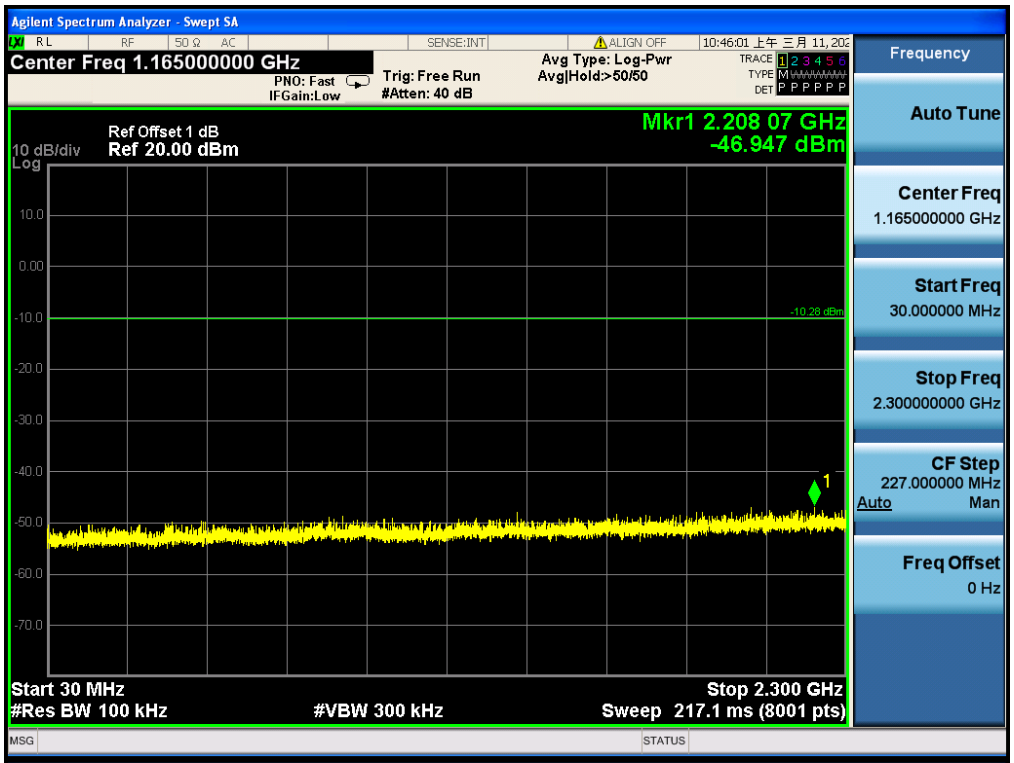

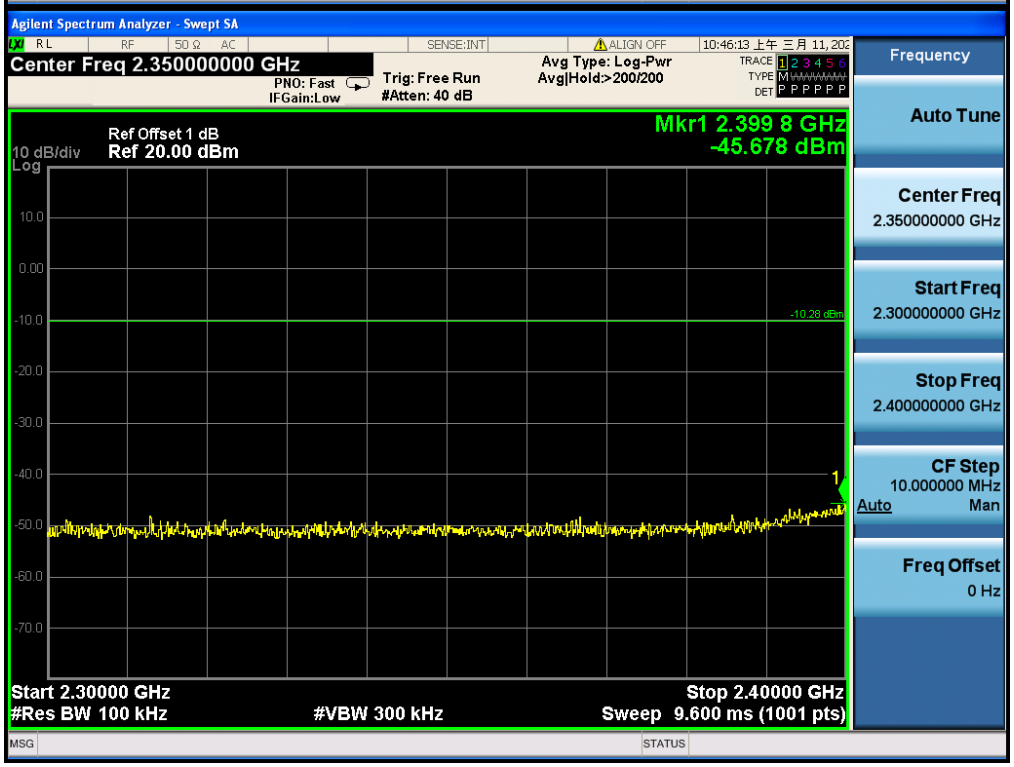

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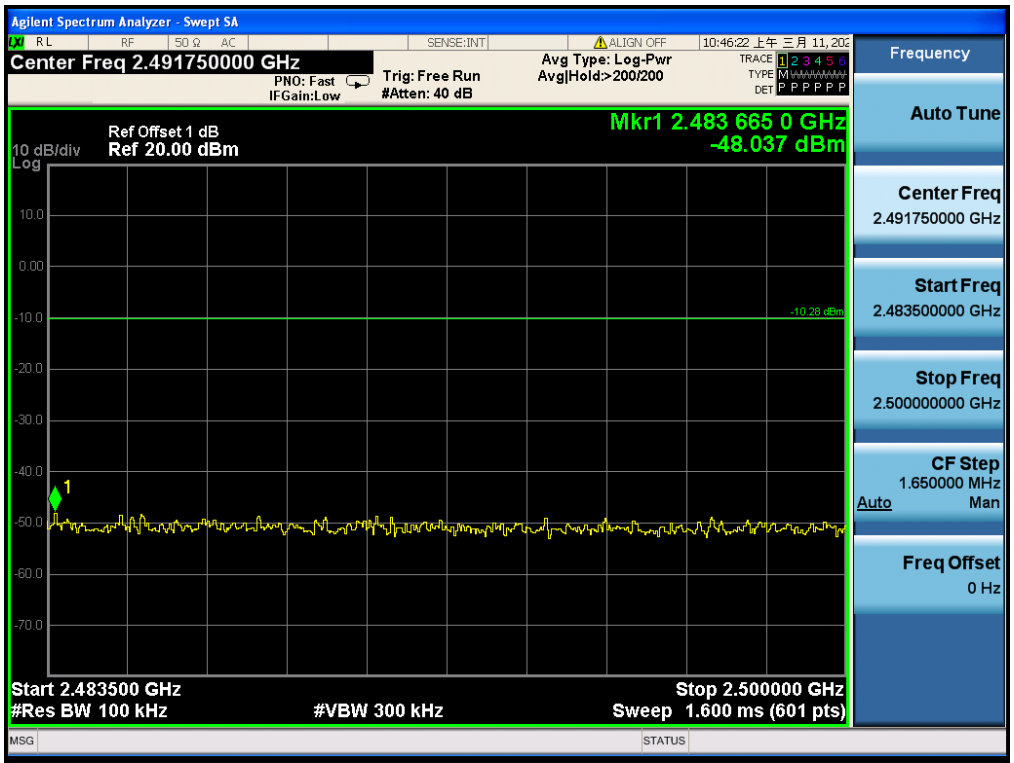

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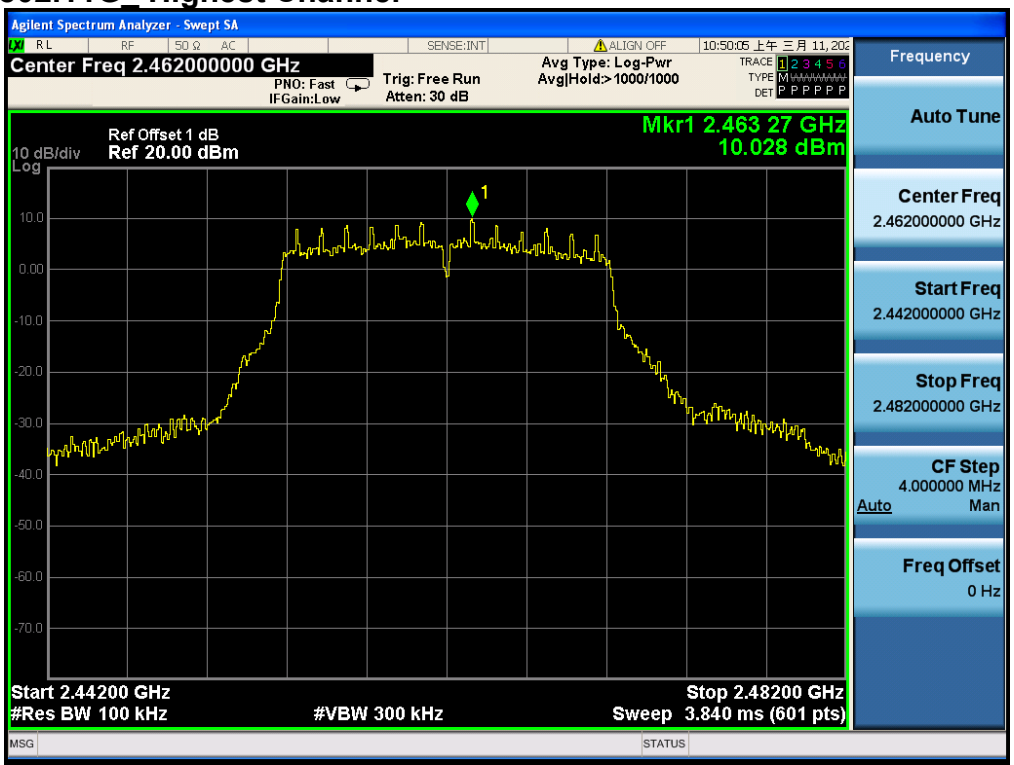
4.8.1.1.6 802.11G_ Highest Channel



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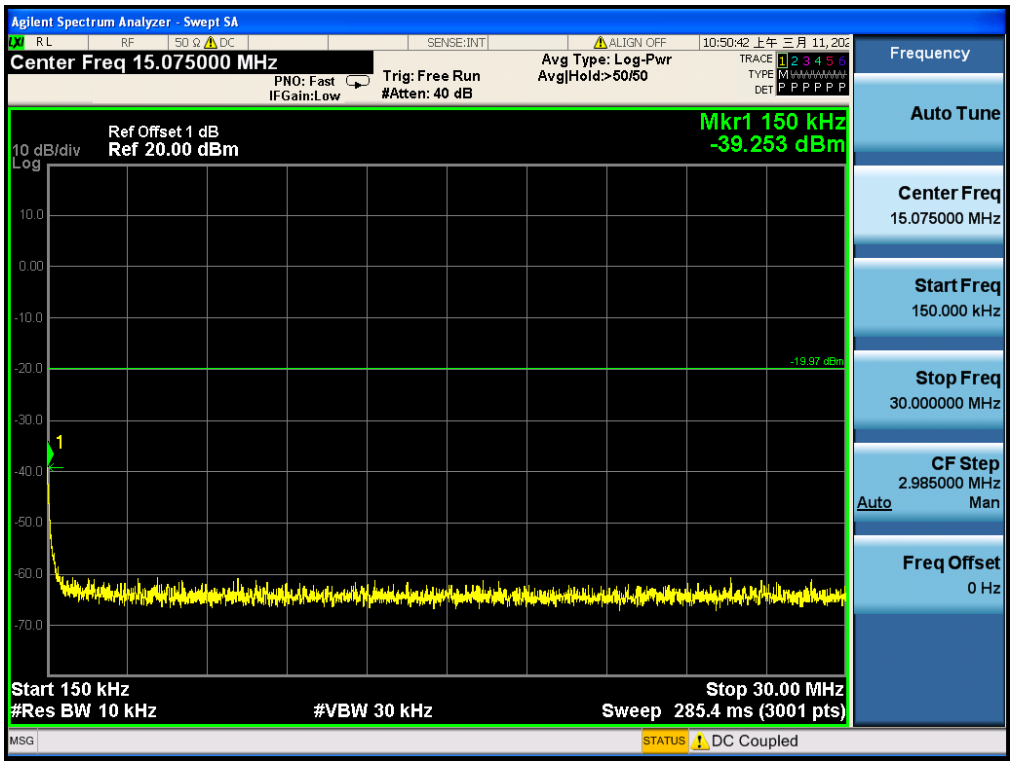

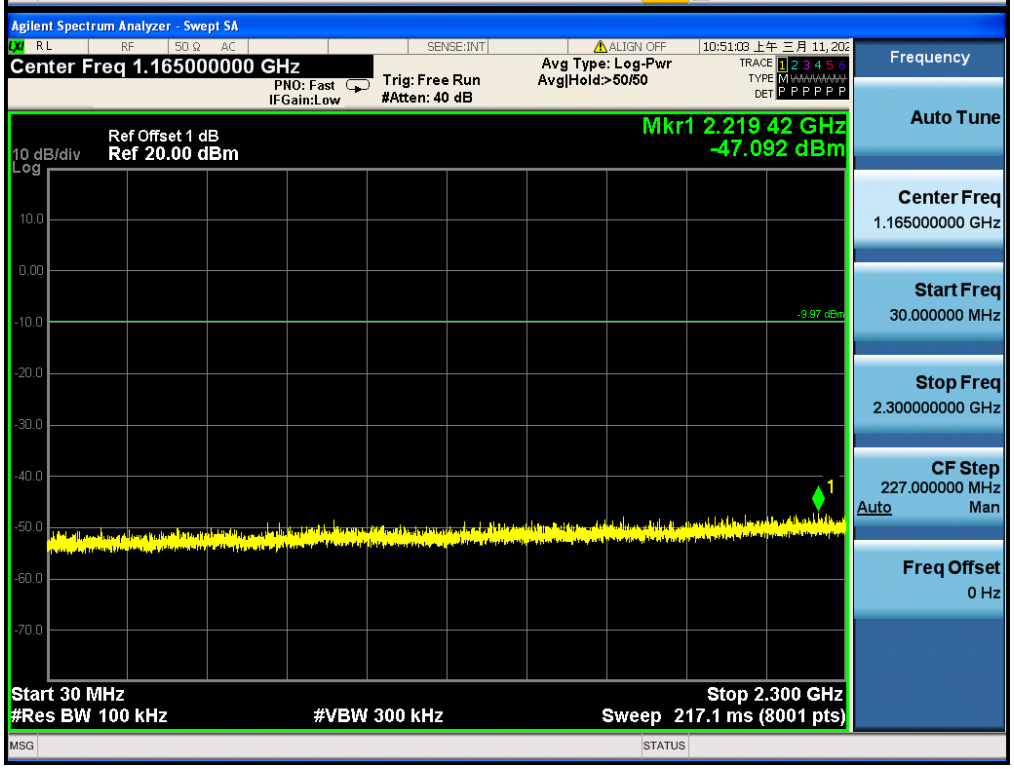

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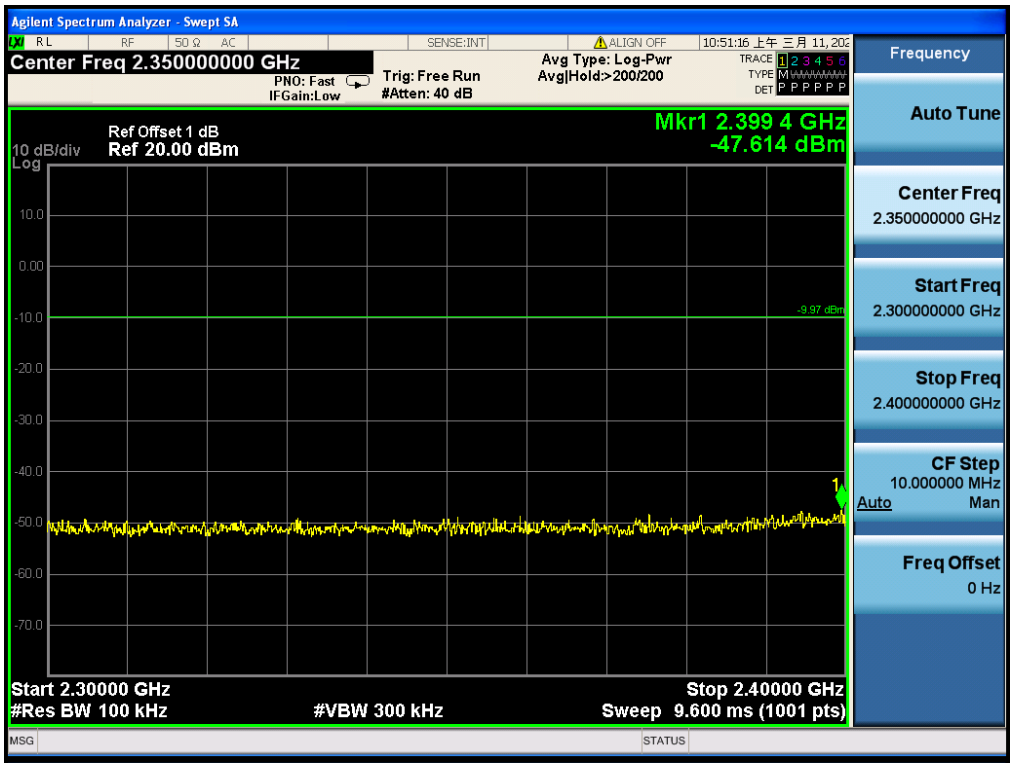

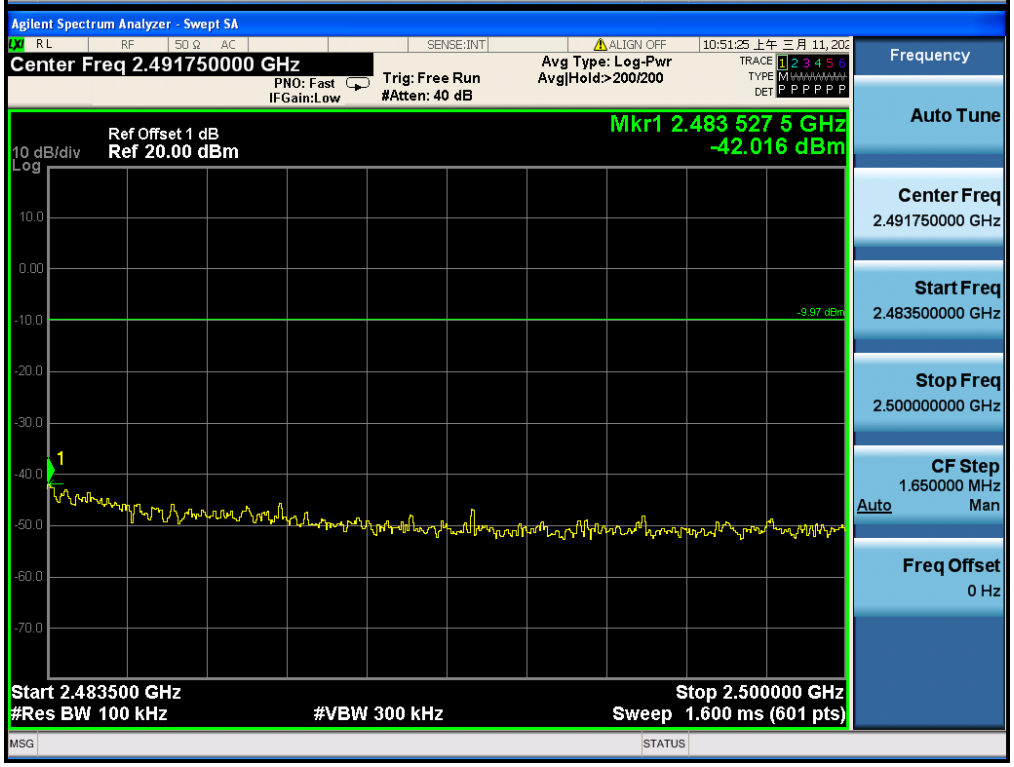

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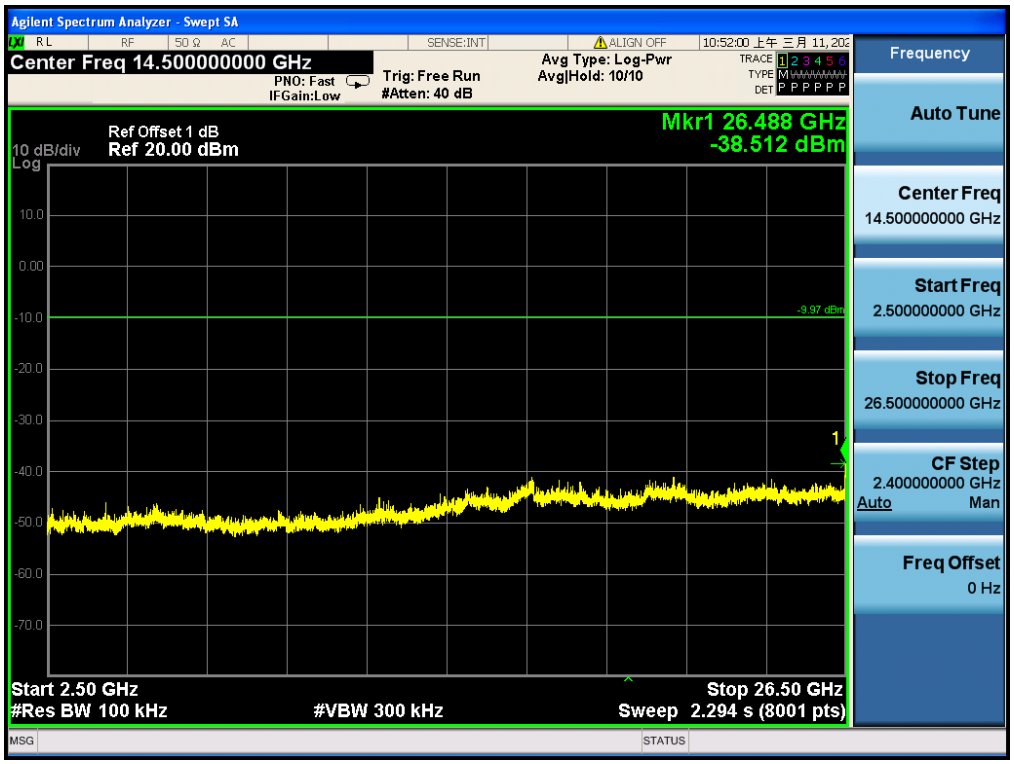

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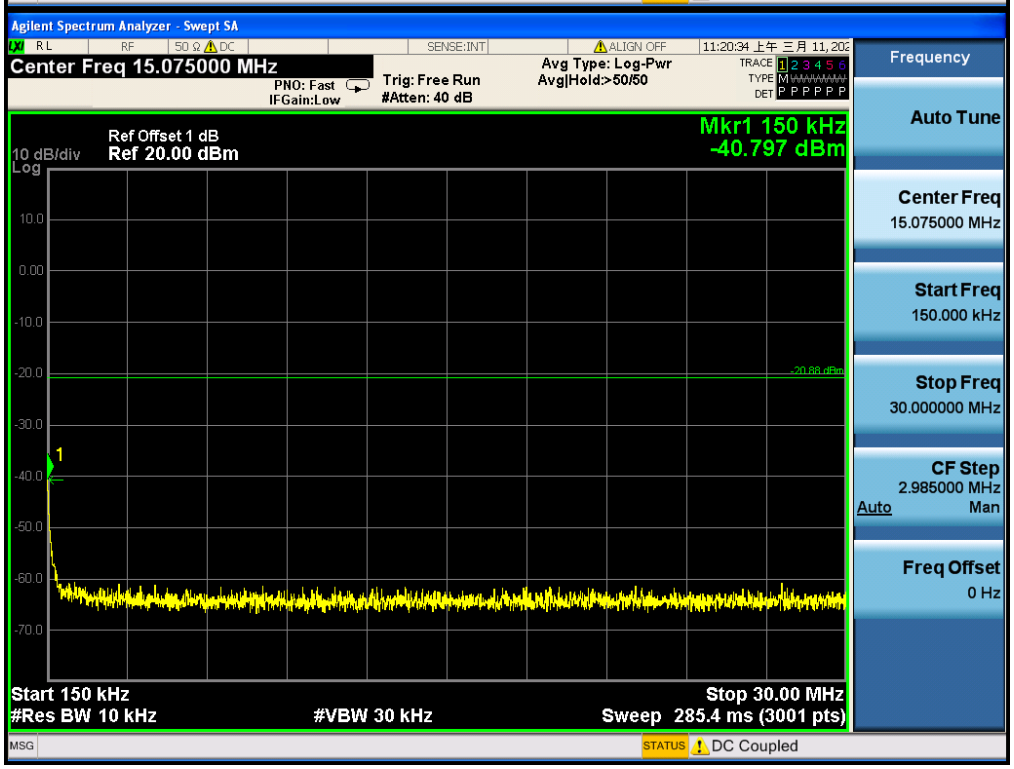

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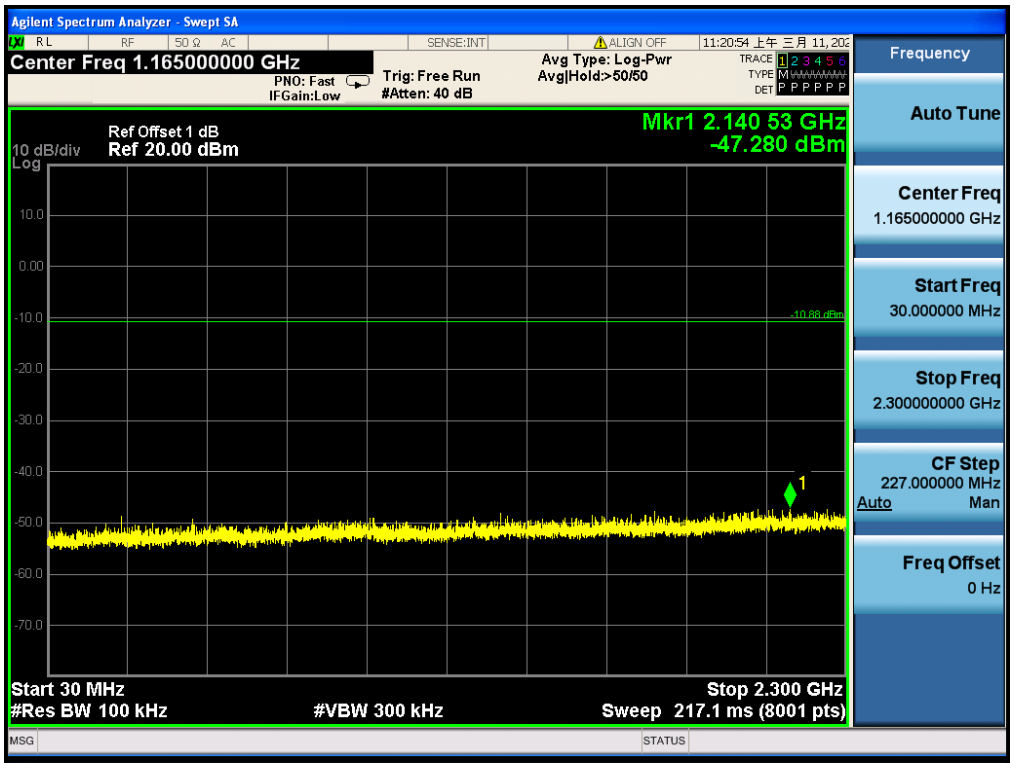

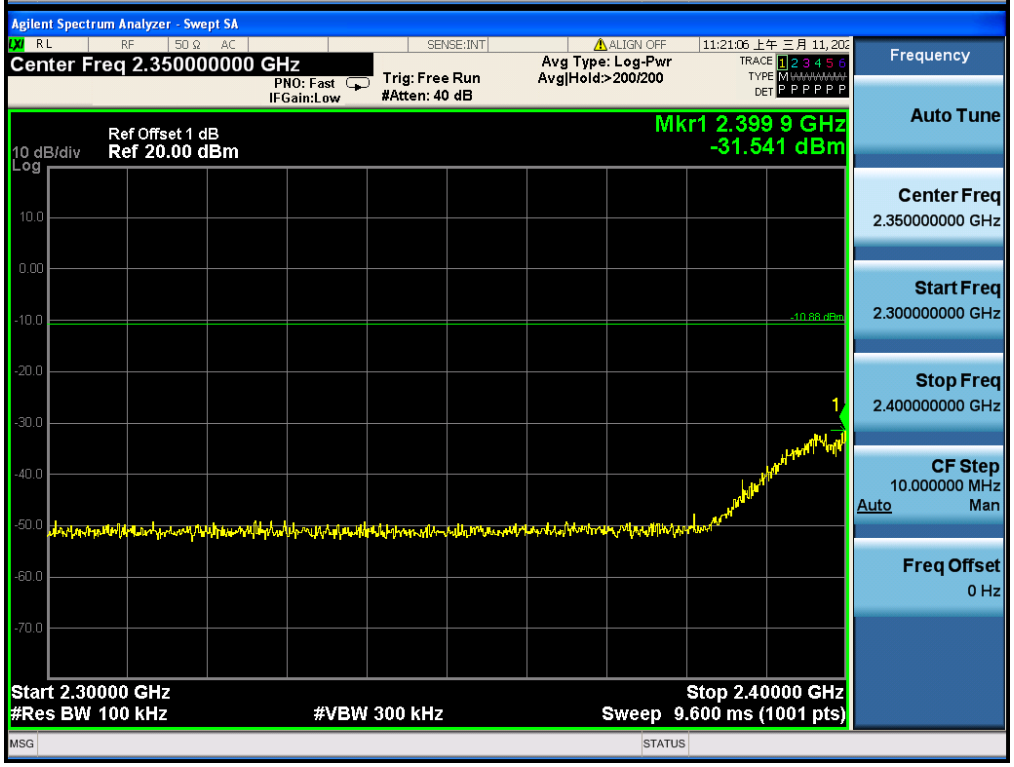

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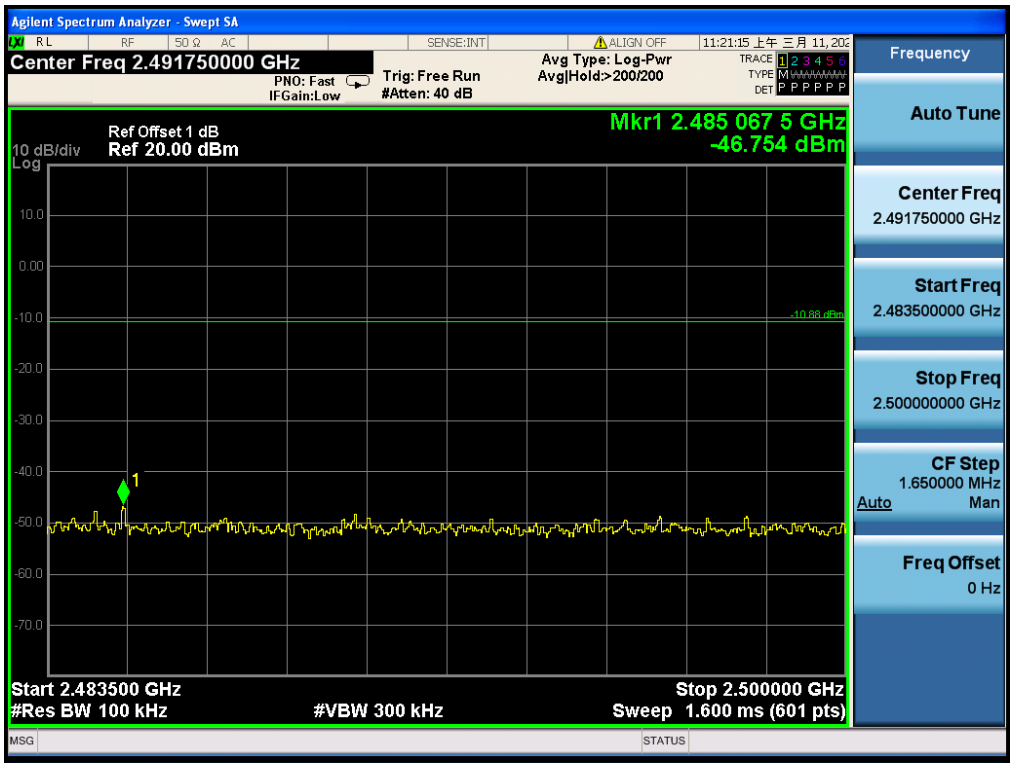

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4.8.1.1.8 802.11 N20_ Middle Channel

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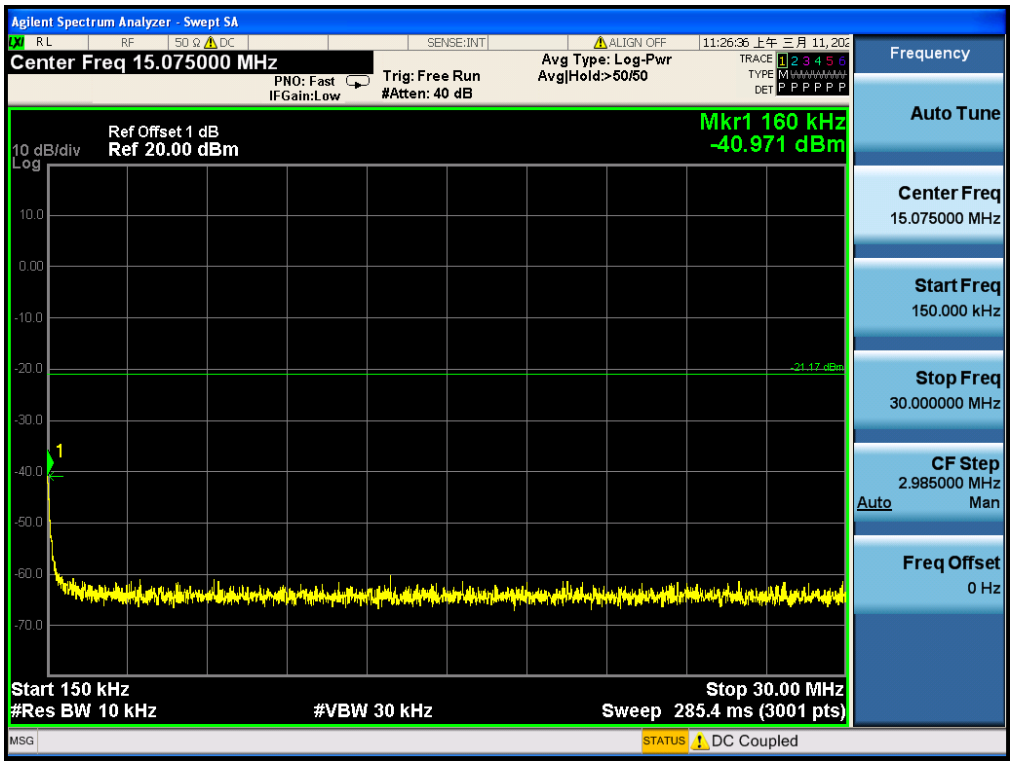

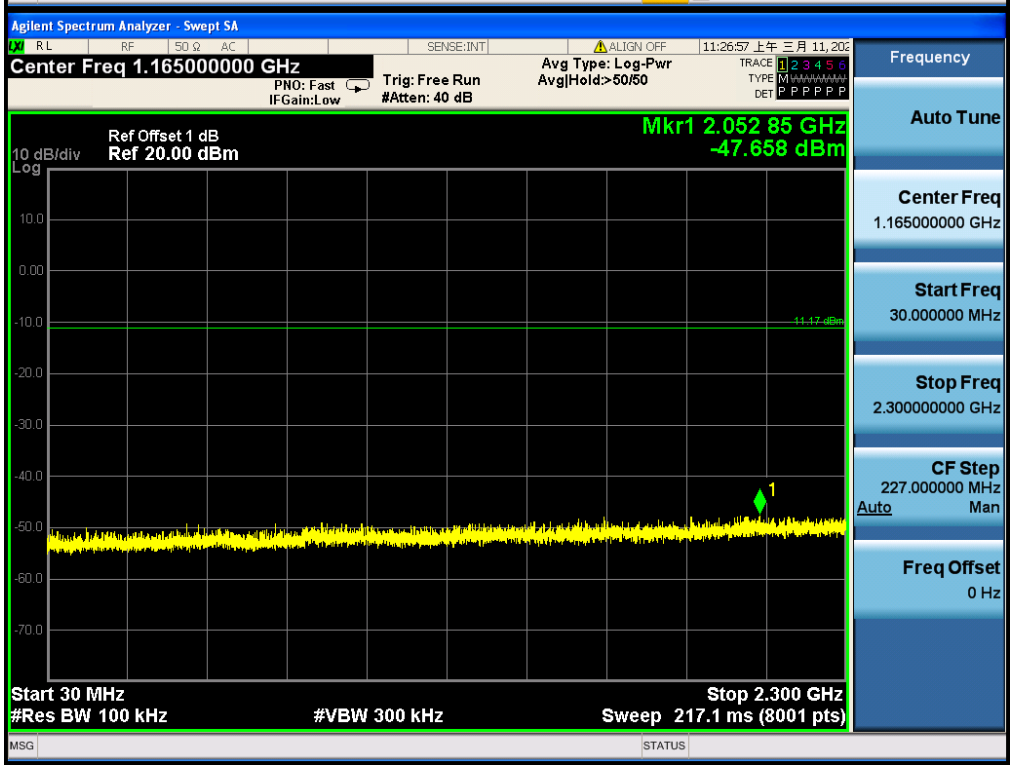

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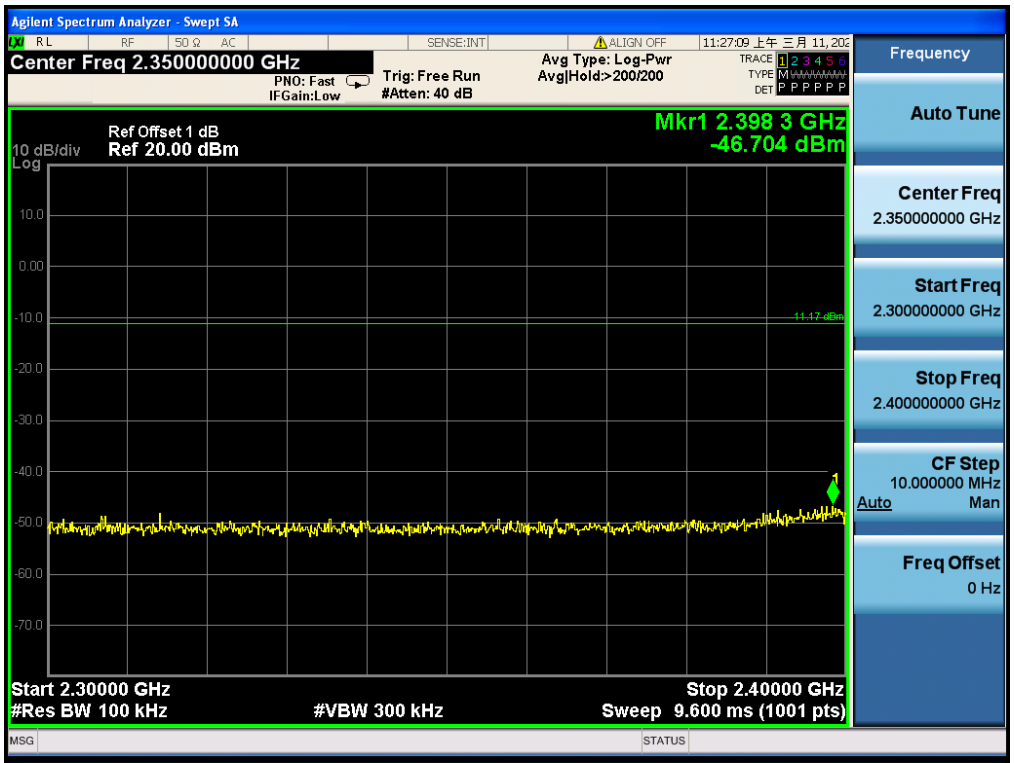

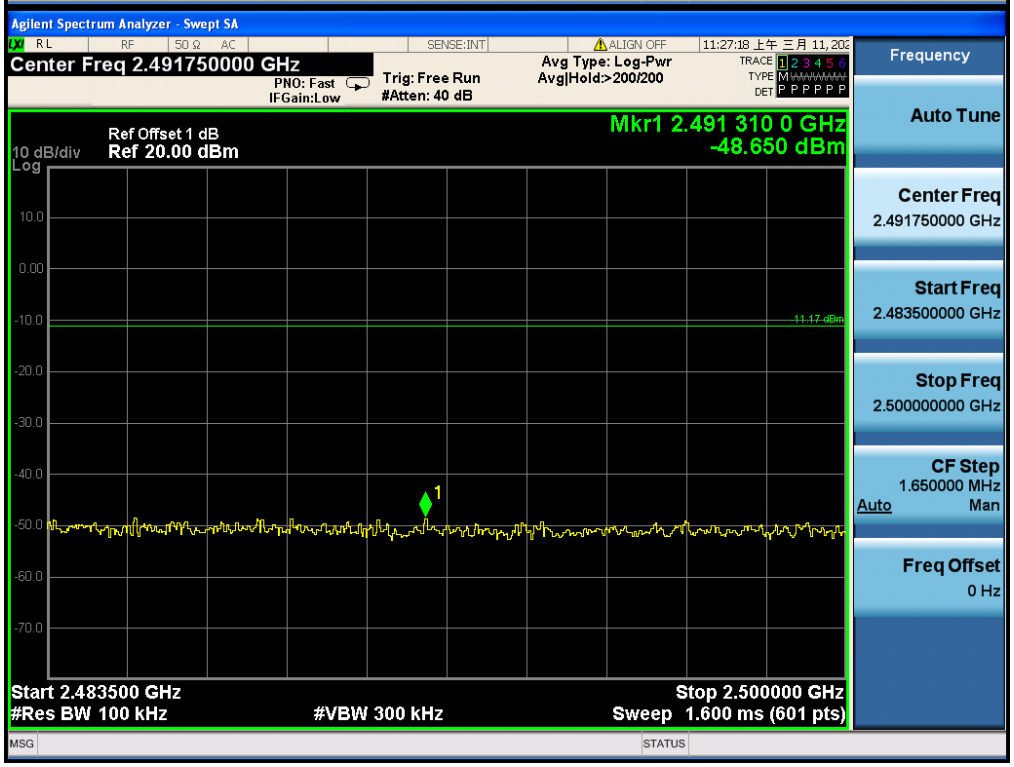

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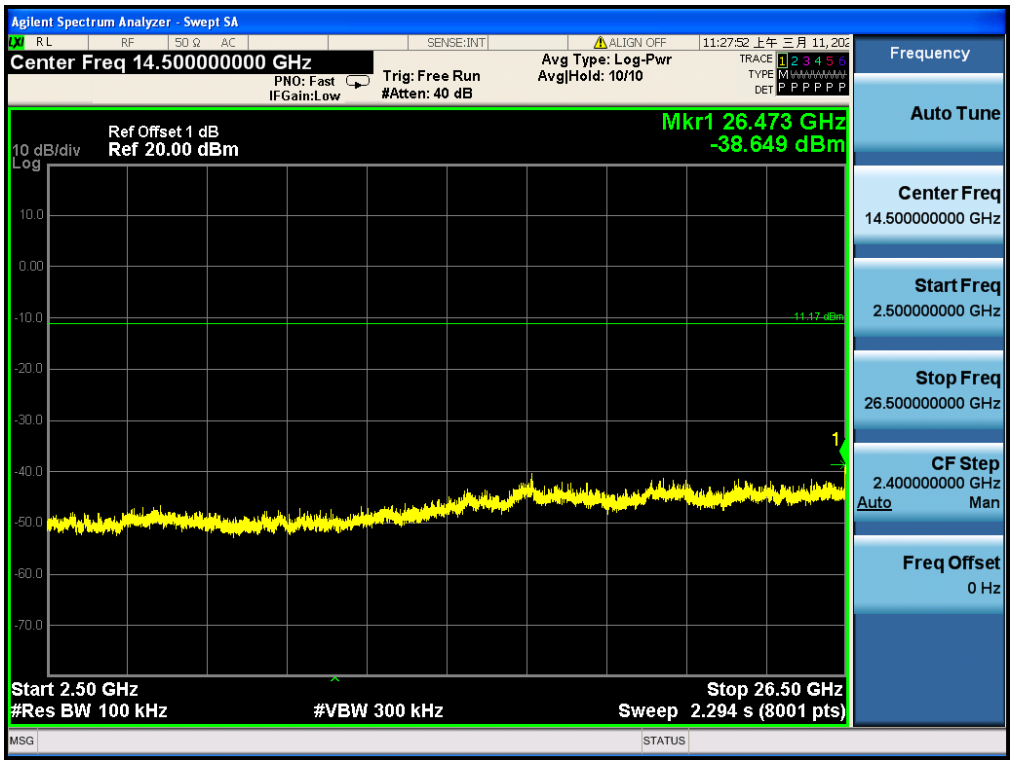

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4.8.1.1.9 802.11 N20_ Highest Channel

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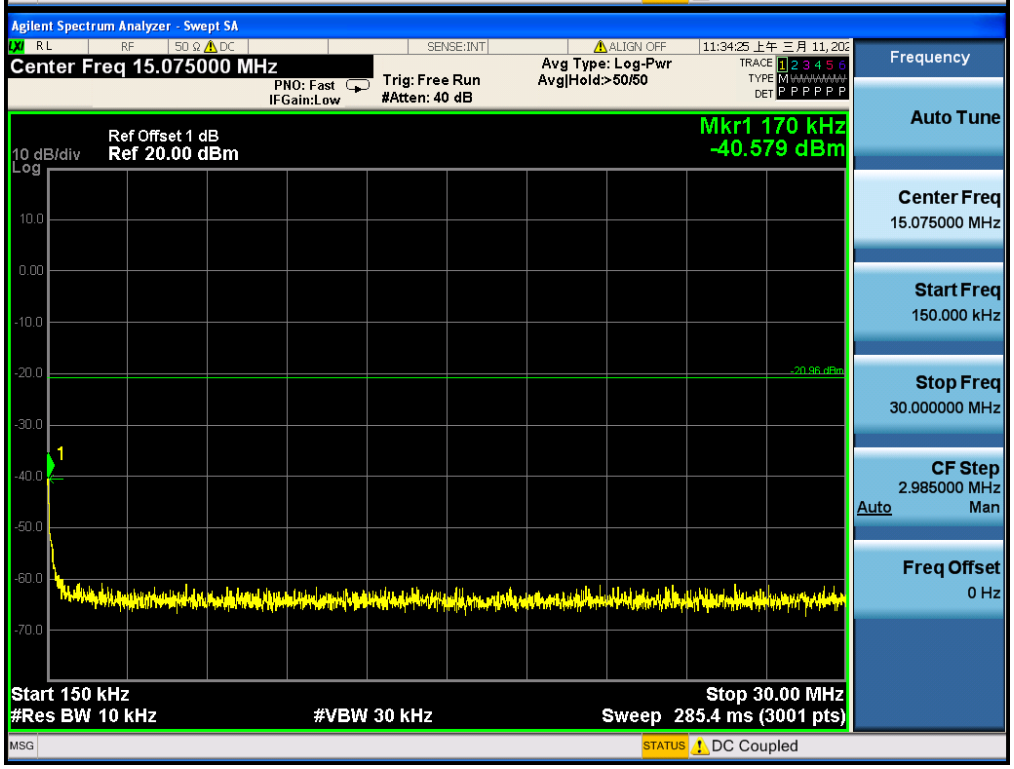

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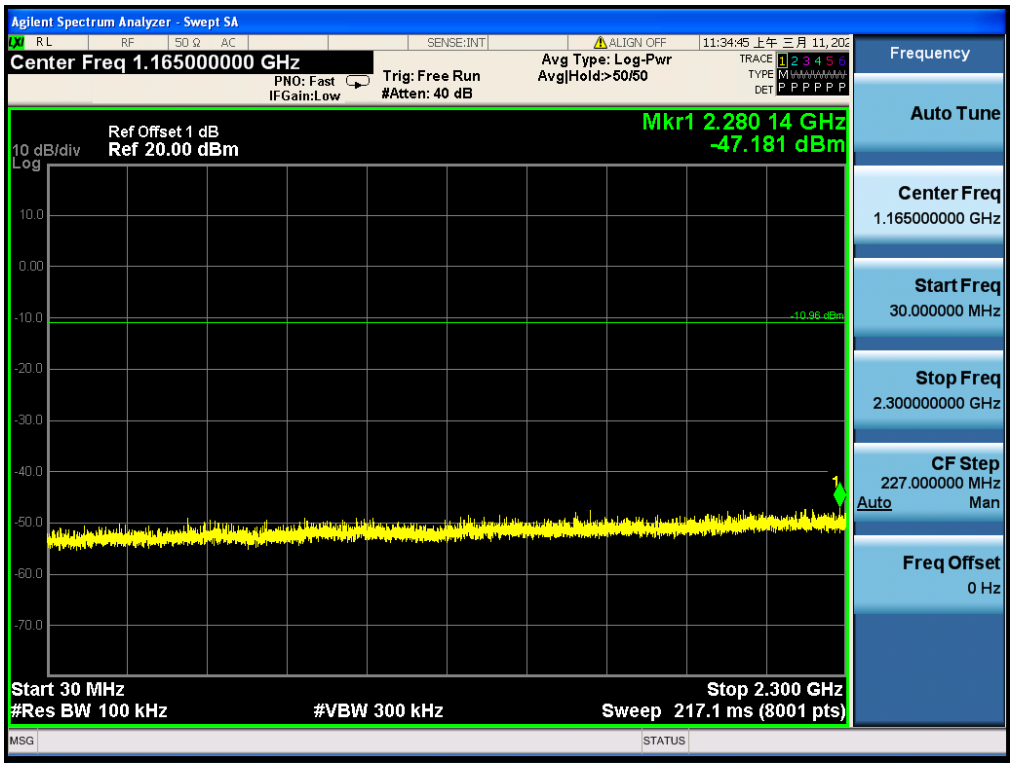

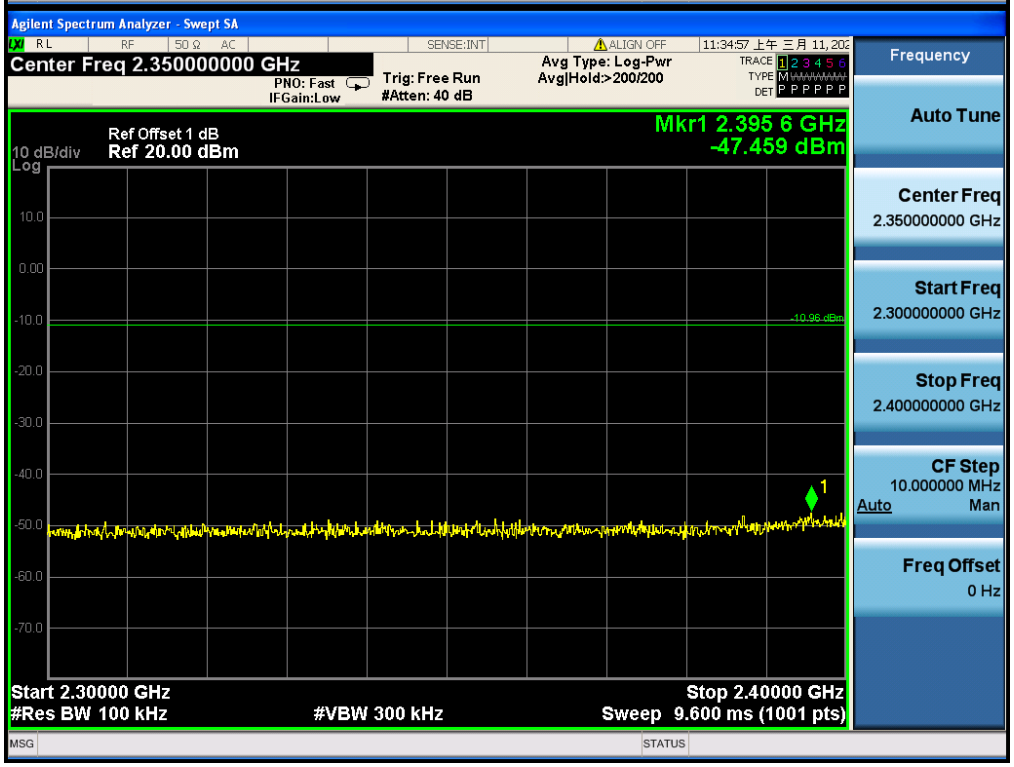

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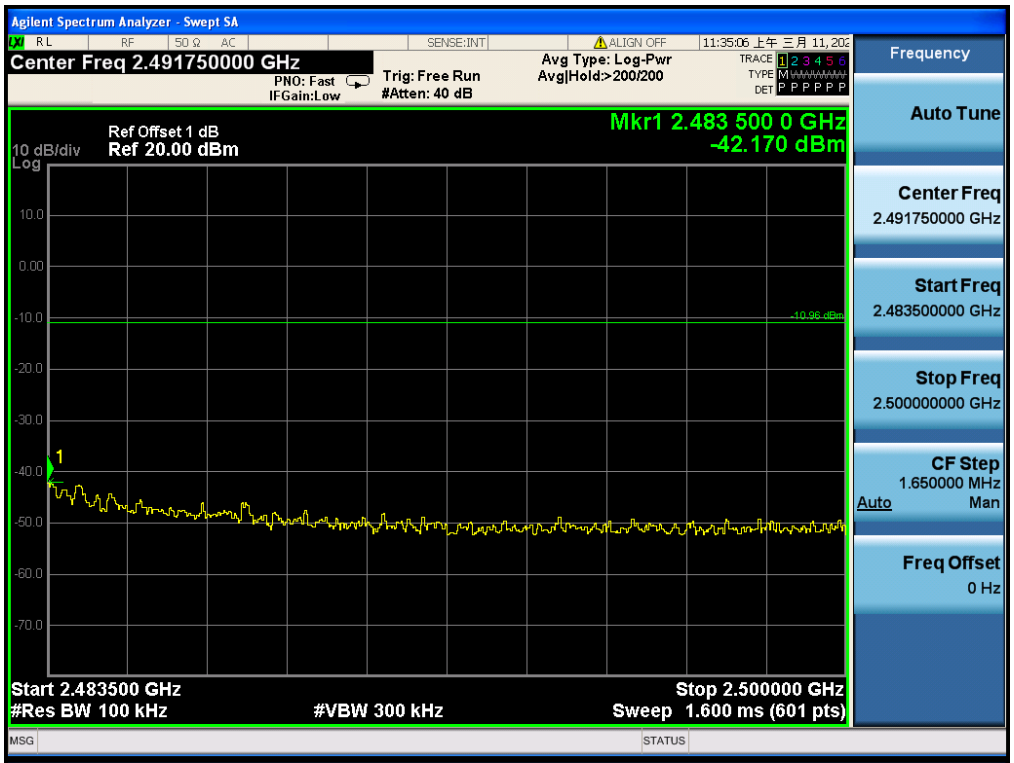

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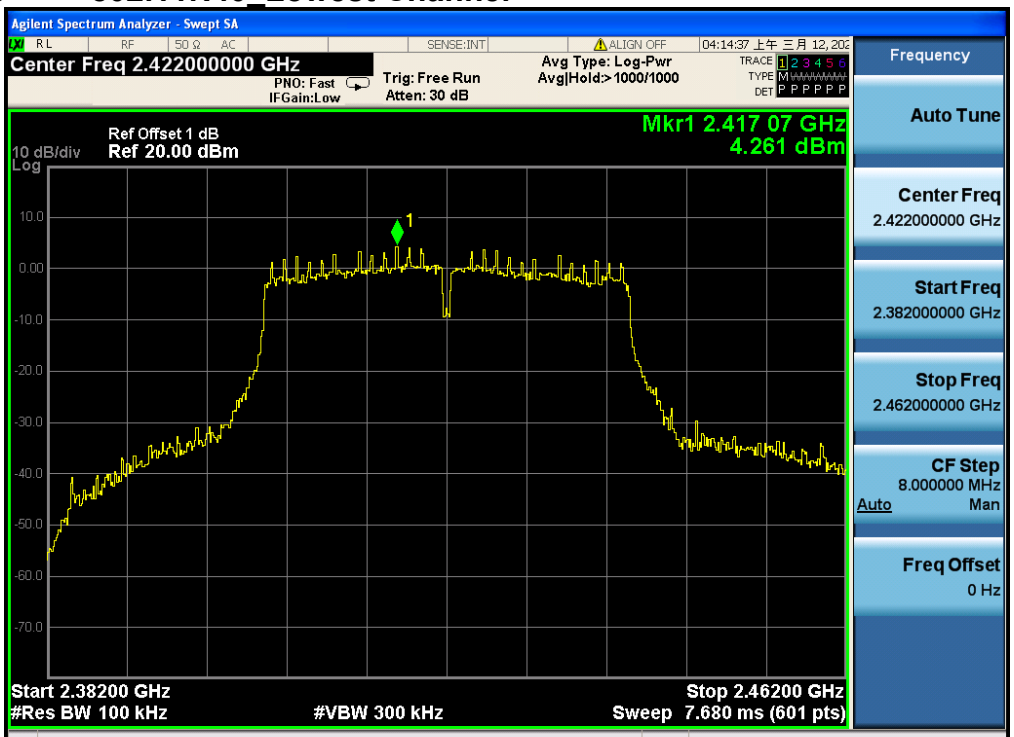
4.8.1.1.10 802.11N40_Lowest Channel



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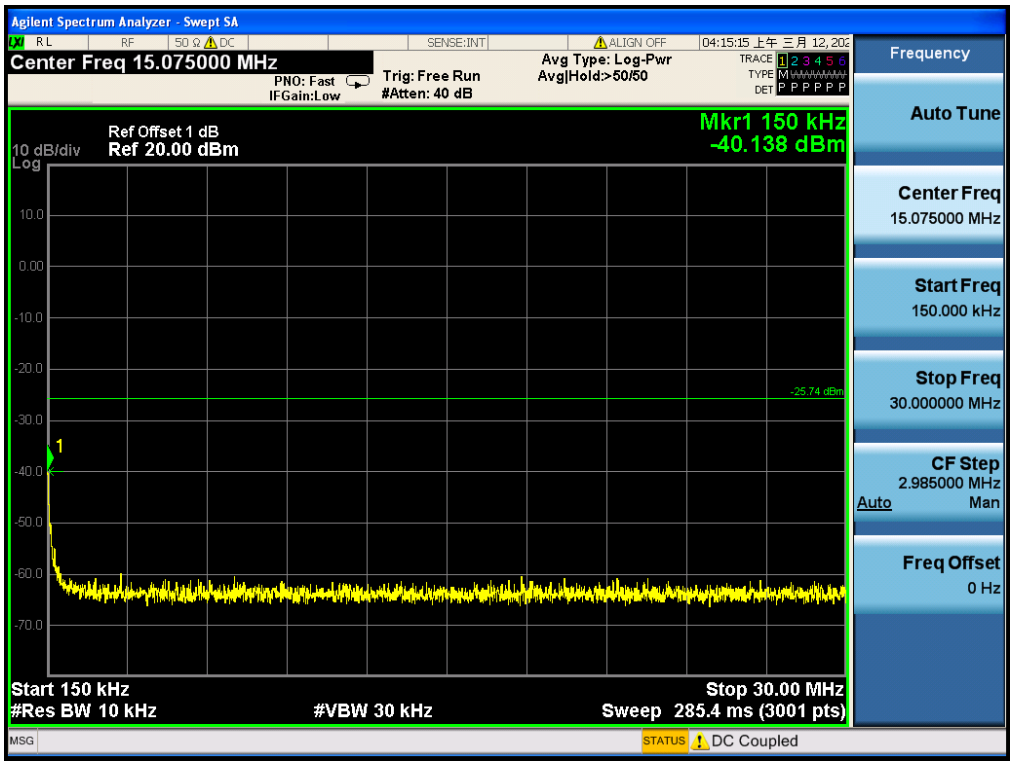

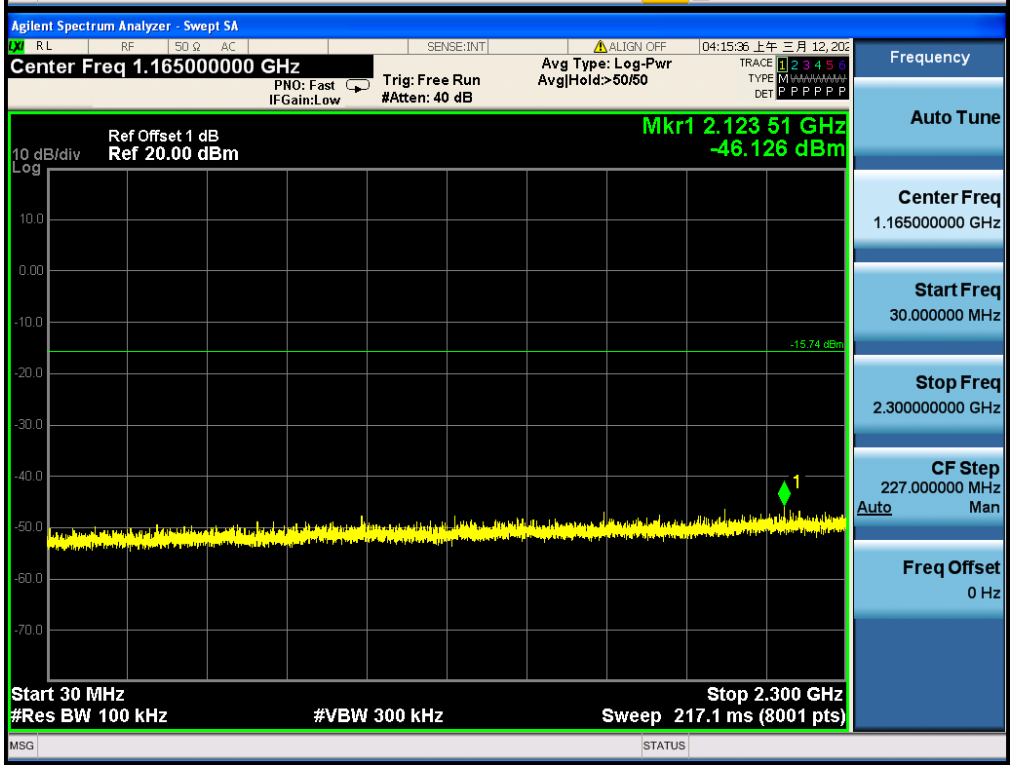

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