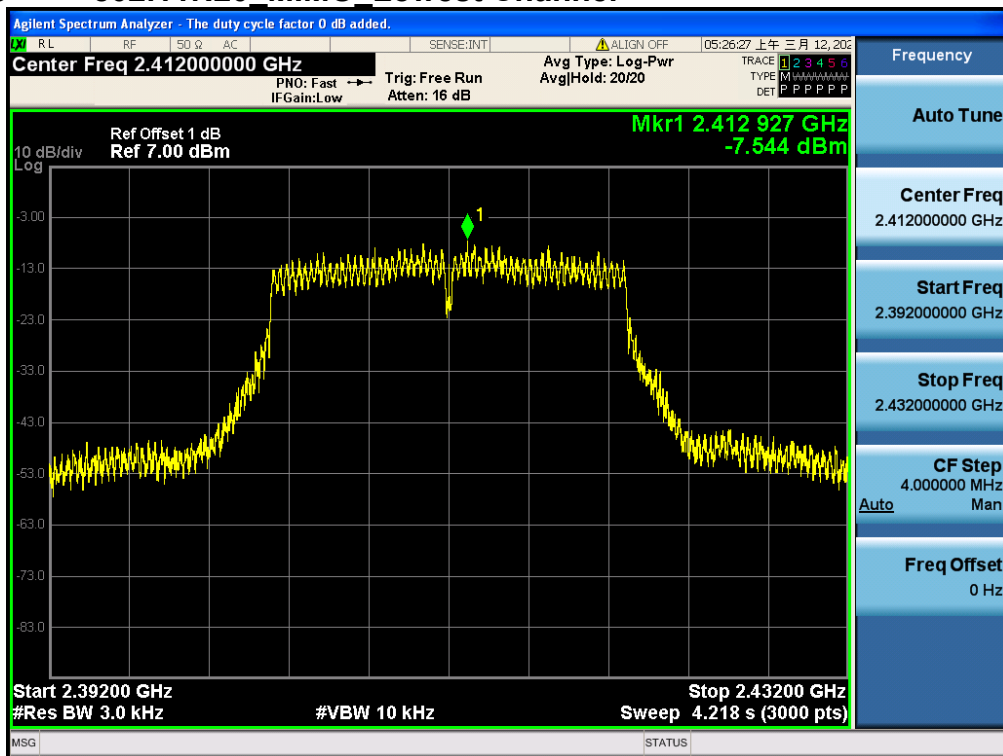
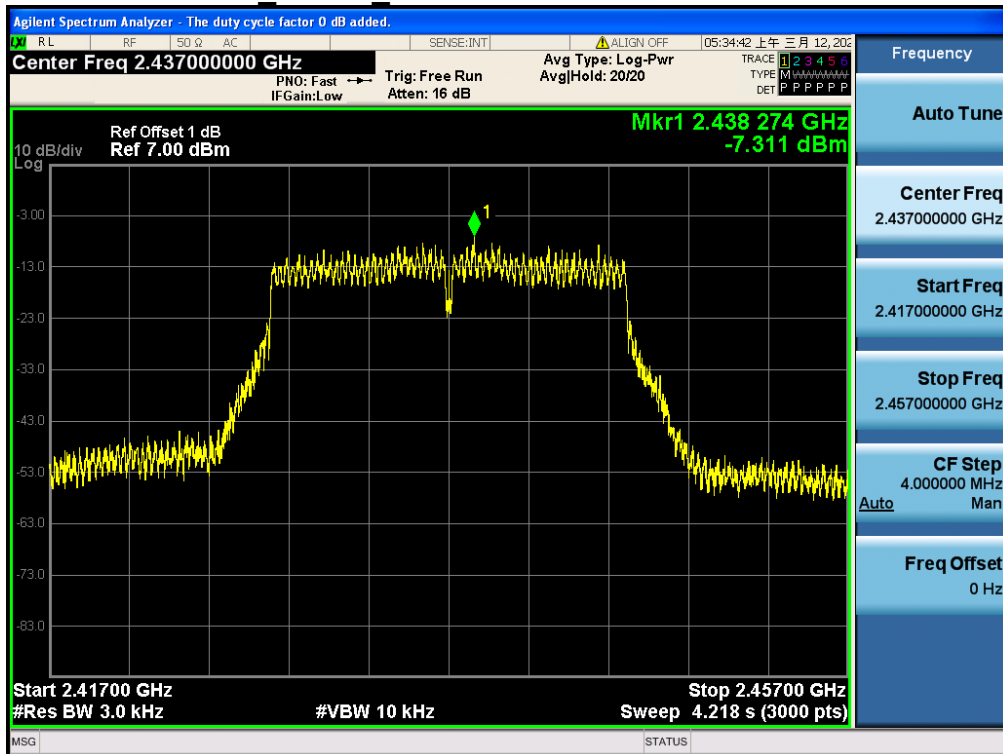


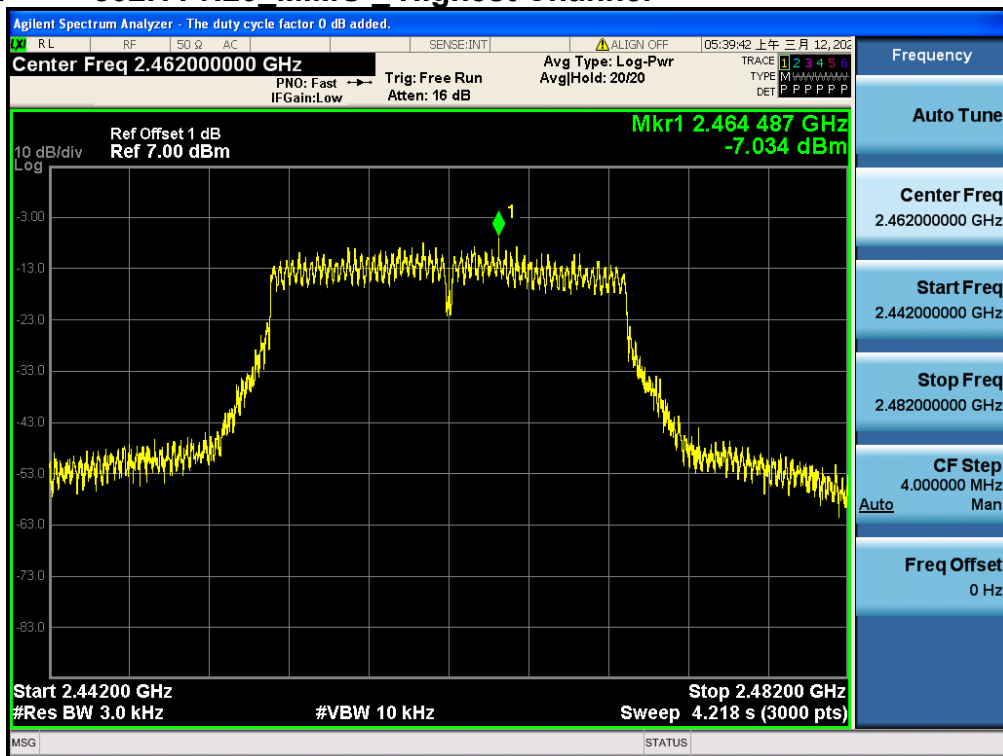
4.6.2.1.19 802.11N20_MIMO_Lowest Channel



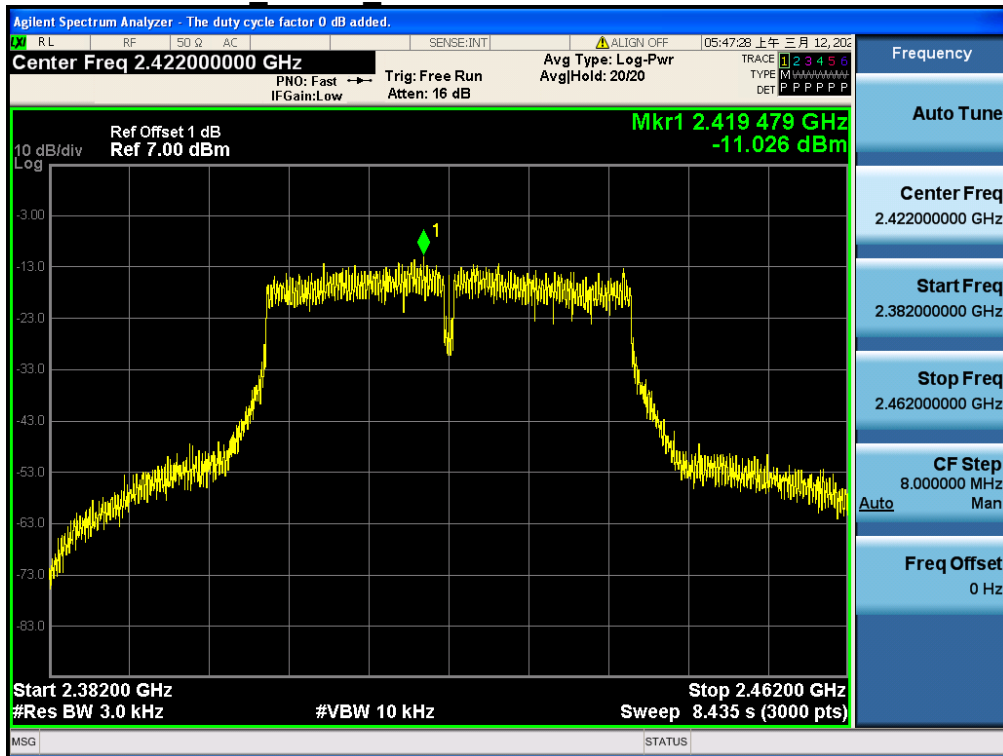
4.6.2.1.20 802.11 N20_MIMO_Middle Channel



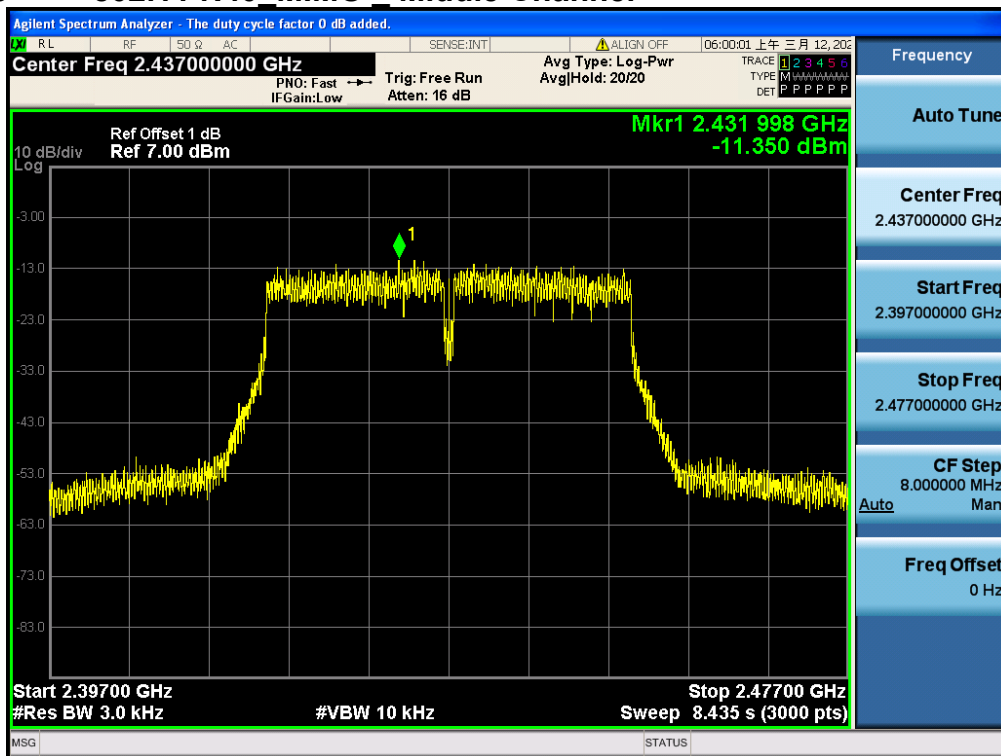
4.6.2.1.21 802.11 N20 MIMO Highest Channel



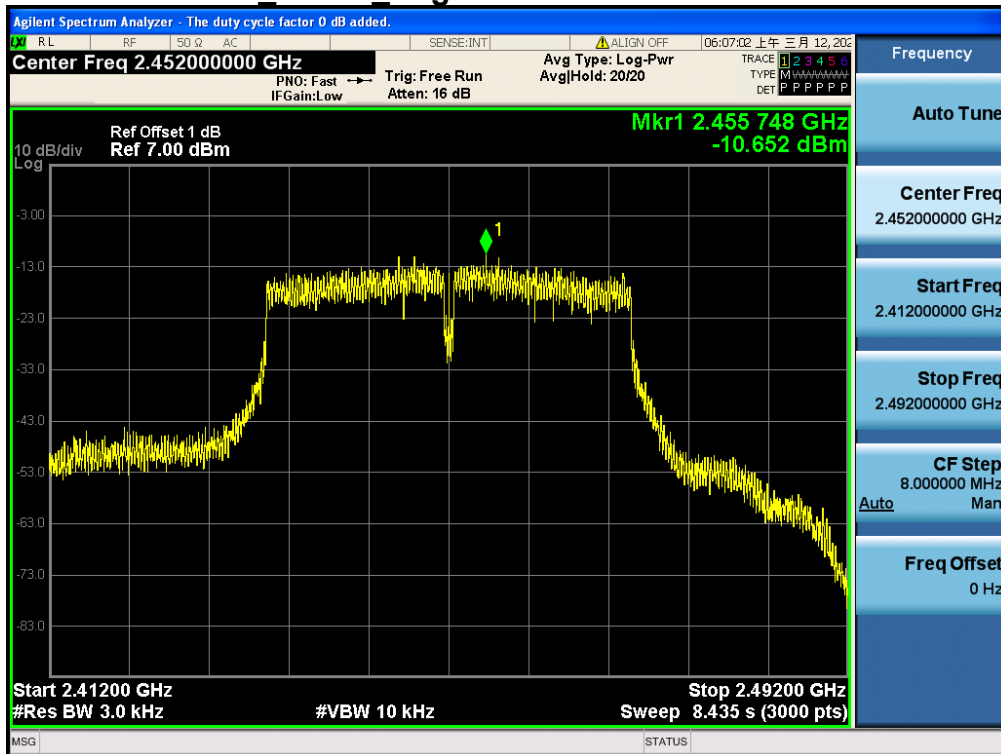
4.6.2.1.22 802.11N40 MIMO Lowest Channel



4.6.2.1.23 802.11 N40 MIMO Middle Channel

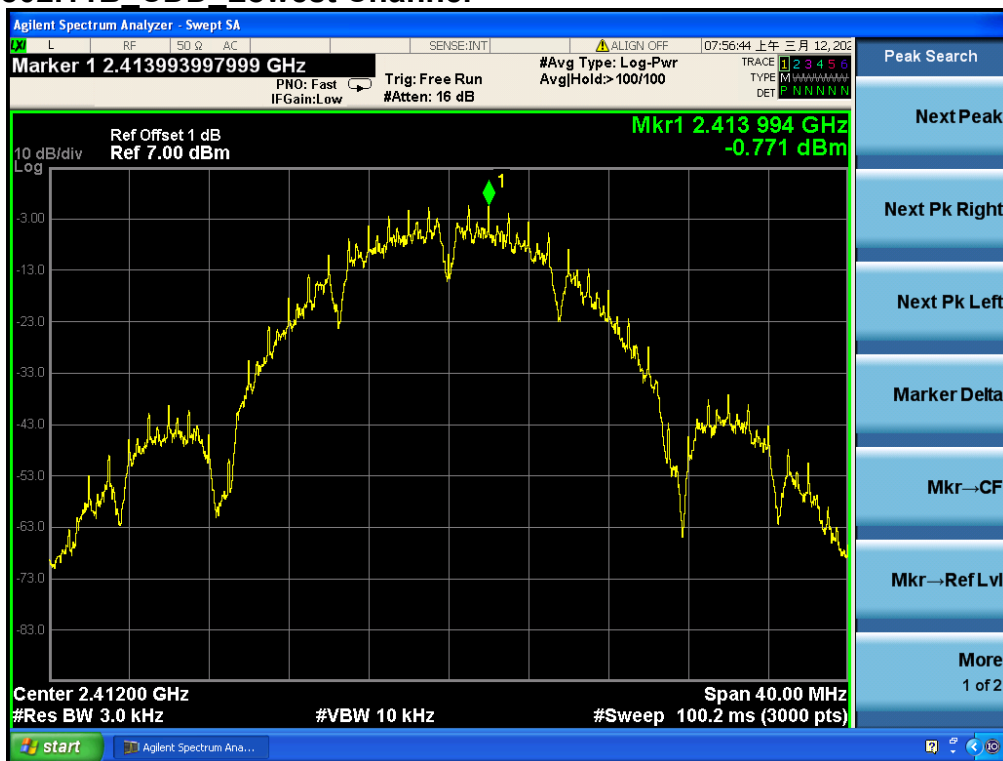


4.6.2.1.24 802.11 N40 MIMO Highest Channel

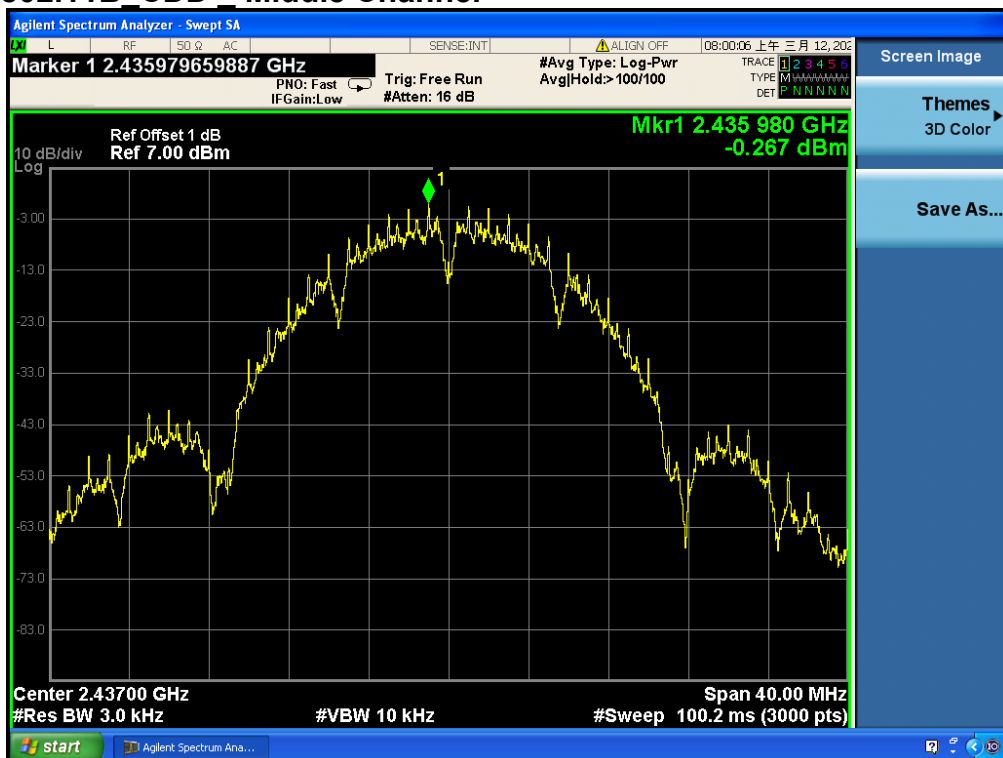


4.6.2.2 ANT2

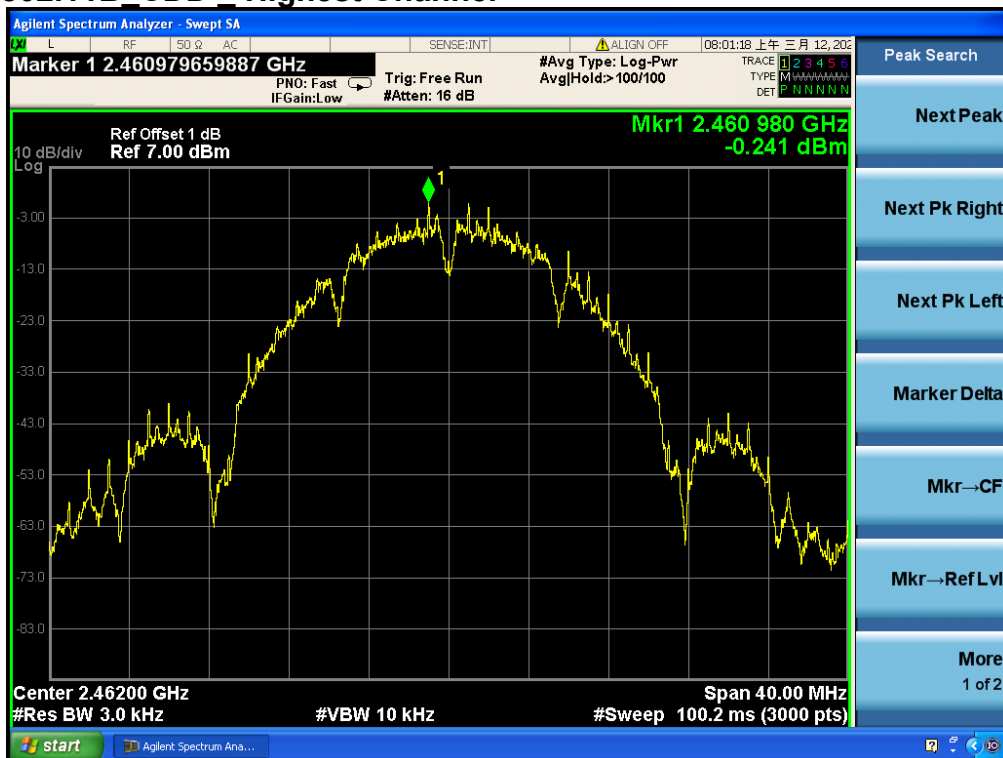
4.6.2.2.1 802.11B_CDD_Lowest Channel



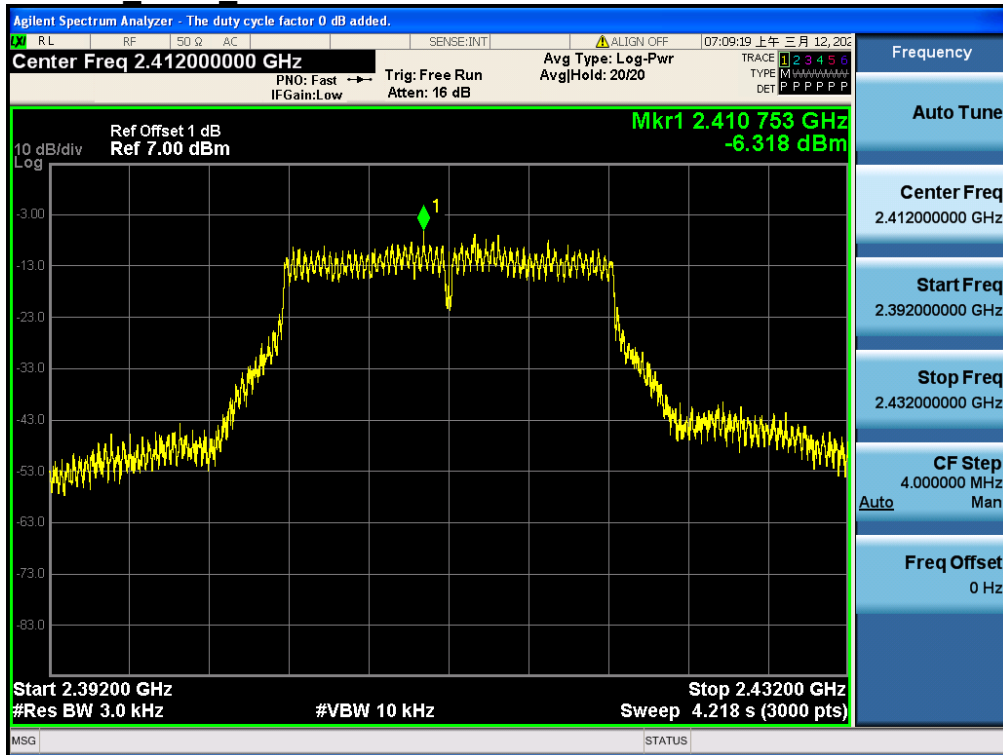
4.6.2.2.2 802.11B_CDD_Middle Channel



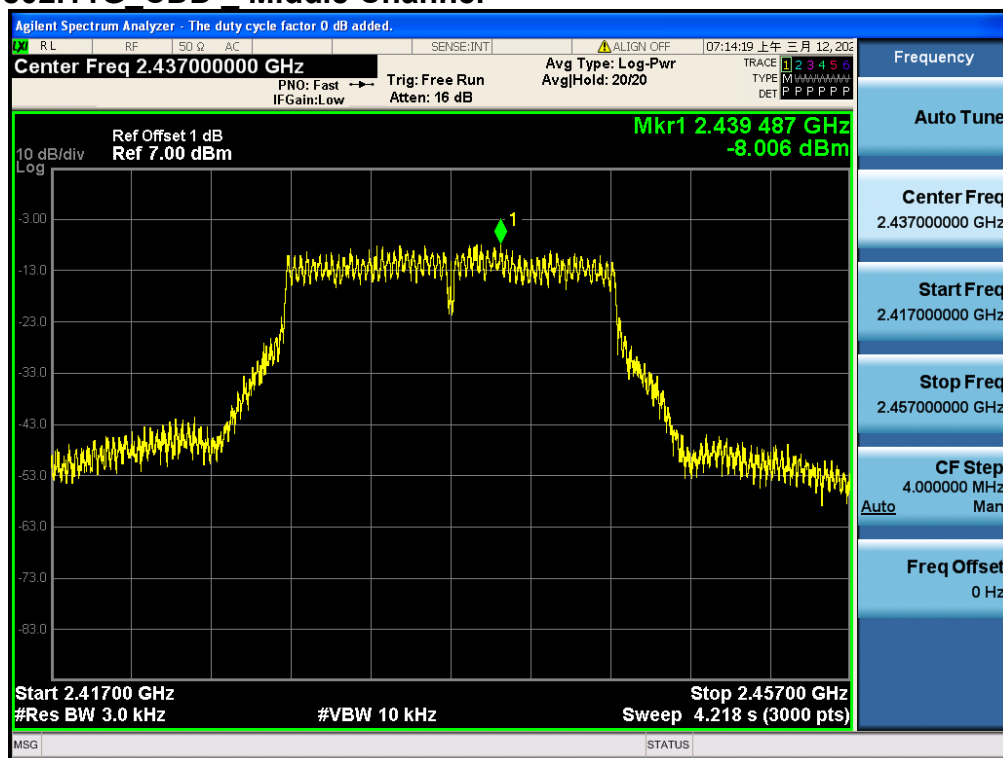
4.6.2.2.3 802.11B_CDD_Highest Channel



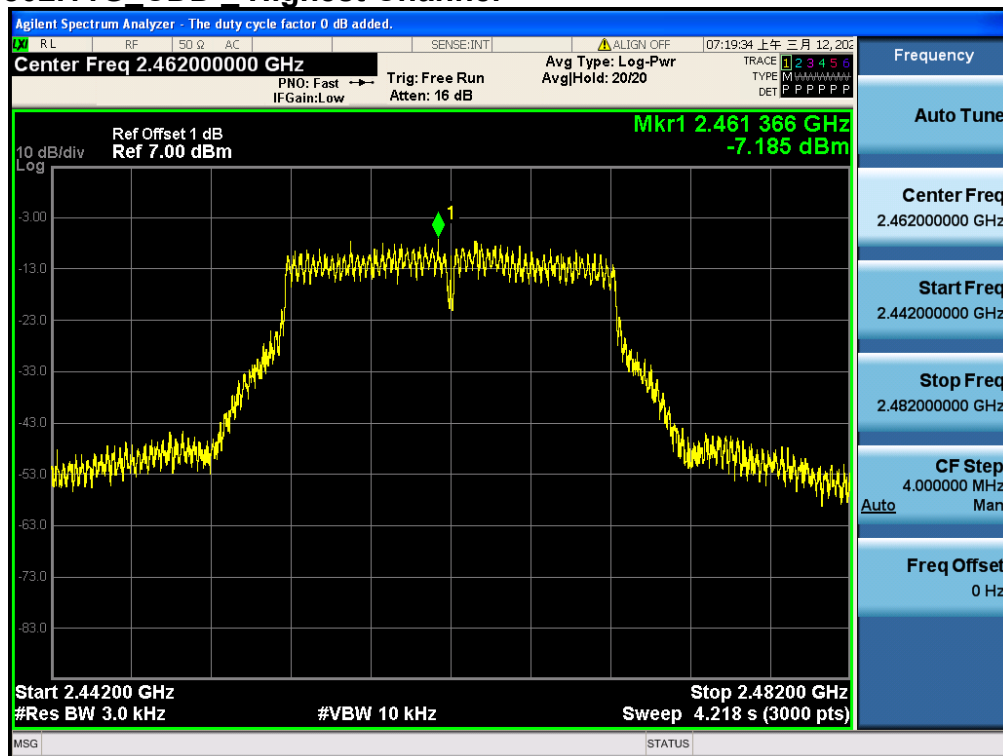
4.6.2.2.4 802.11G_CDD_Lowest Channel



4.6.2.2.5 802.11G CDD Middle Channel



4.6.2.2.6 802.11G_CDD _ Highest Channel



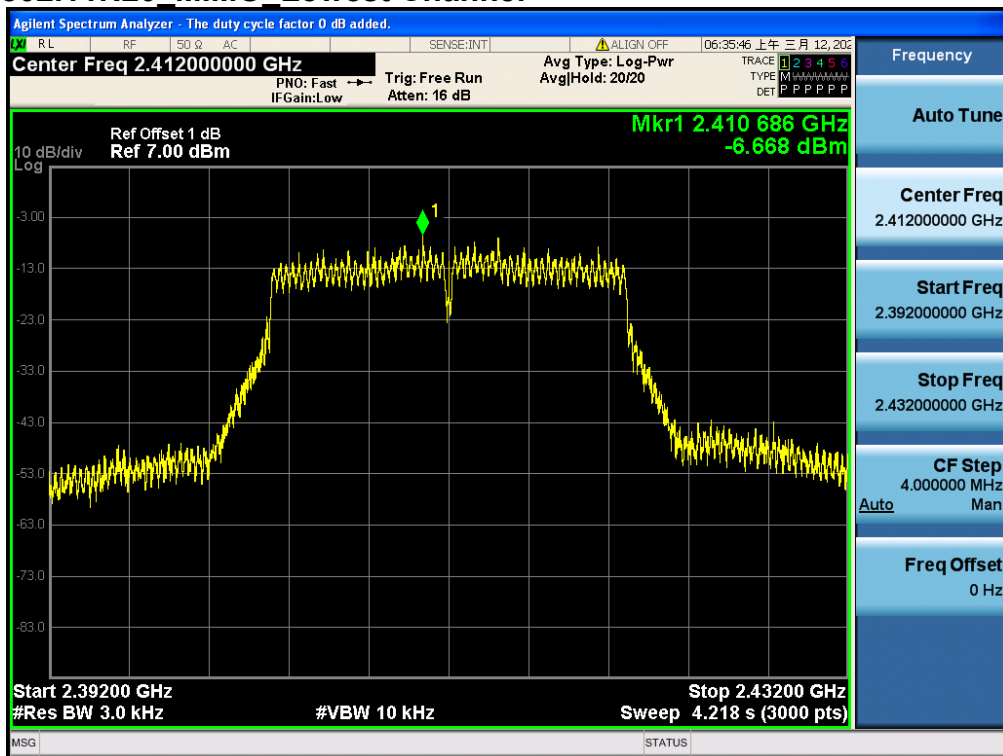
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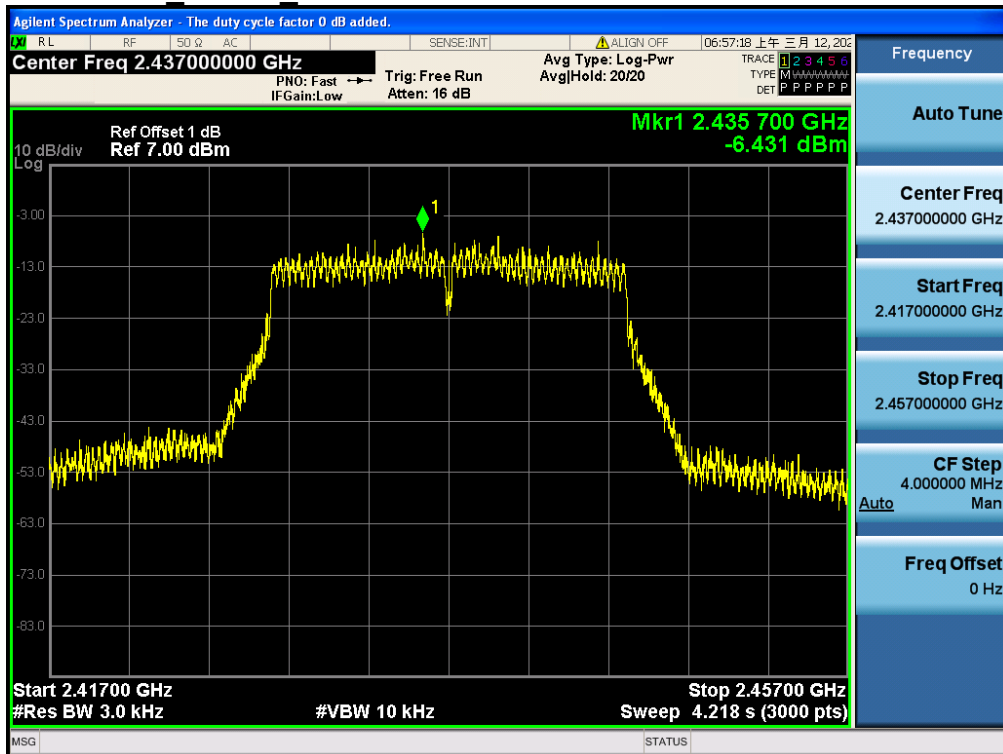
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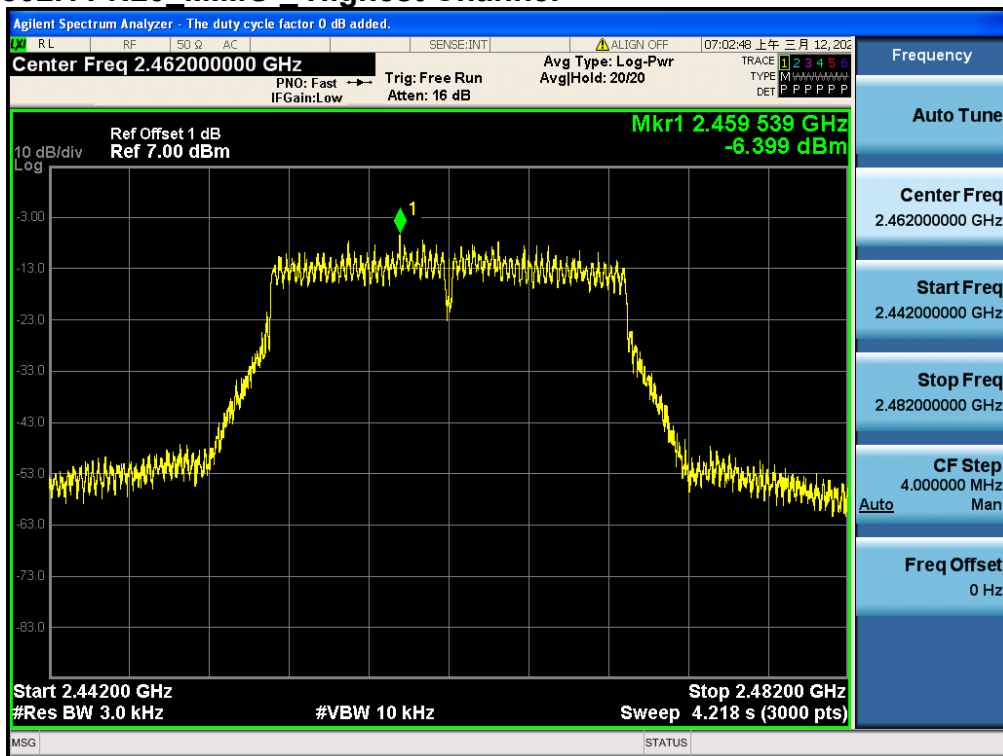
4.6.2.2.7 802.11N20 MIMO Lowest Channel



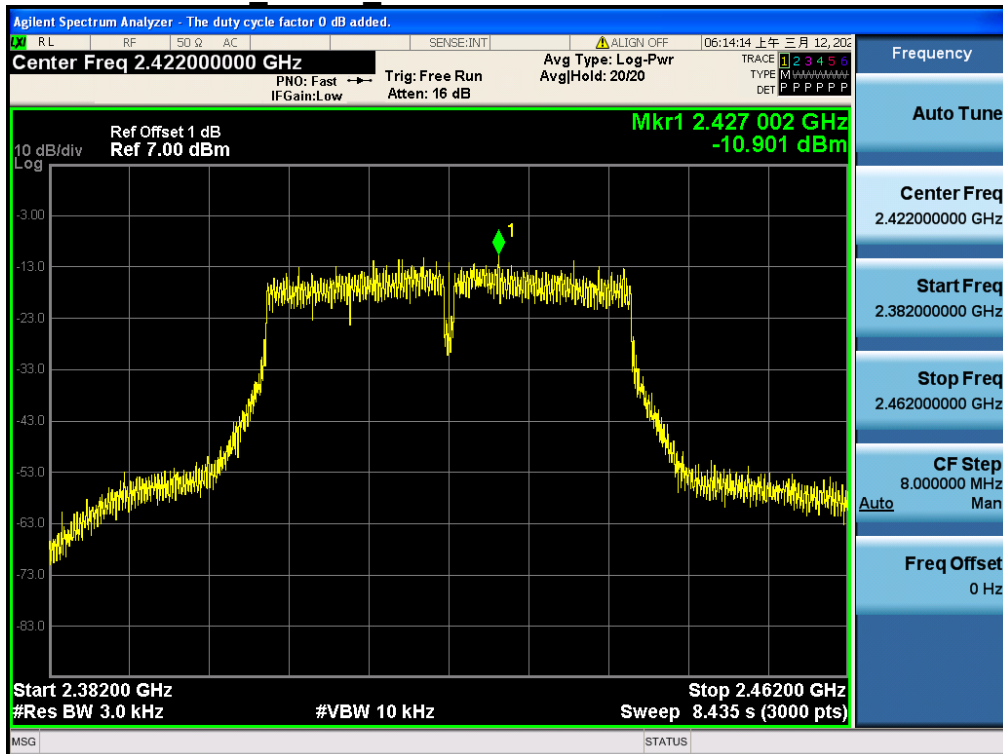
4.6.2.2.8 802.11 N20 MIMO Middle Channel



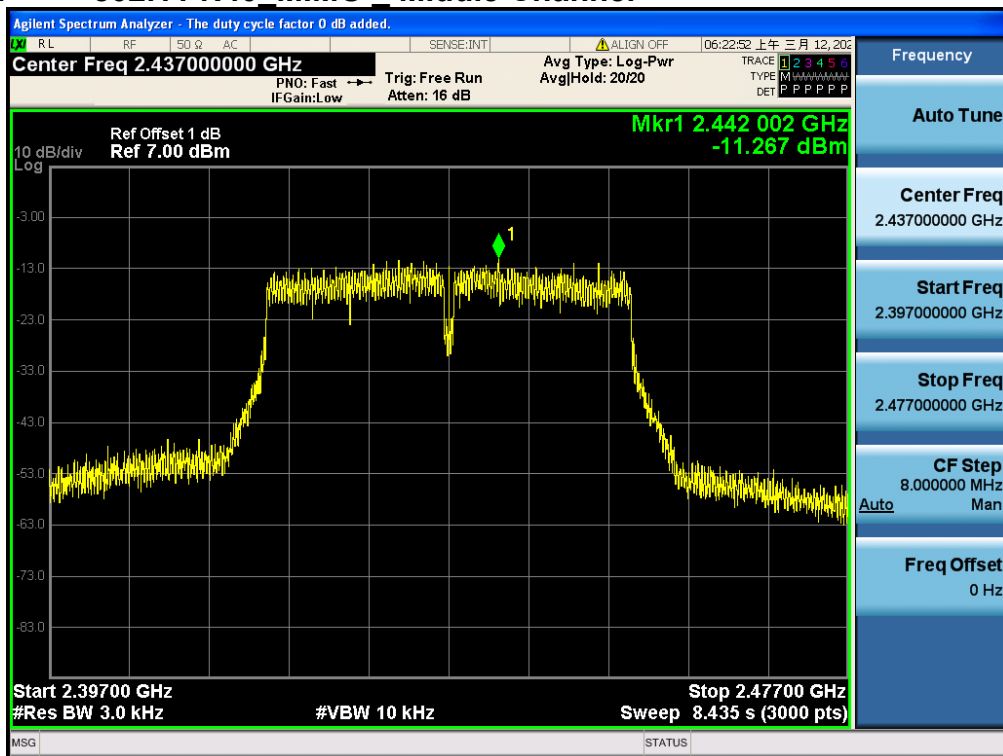
4.6.2.2.9 802.11 N20 MIMO Highest Channel



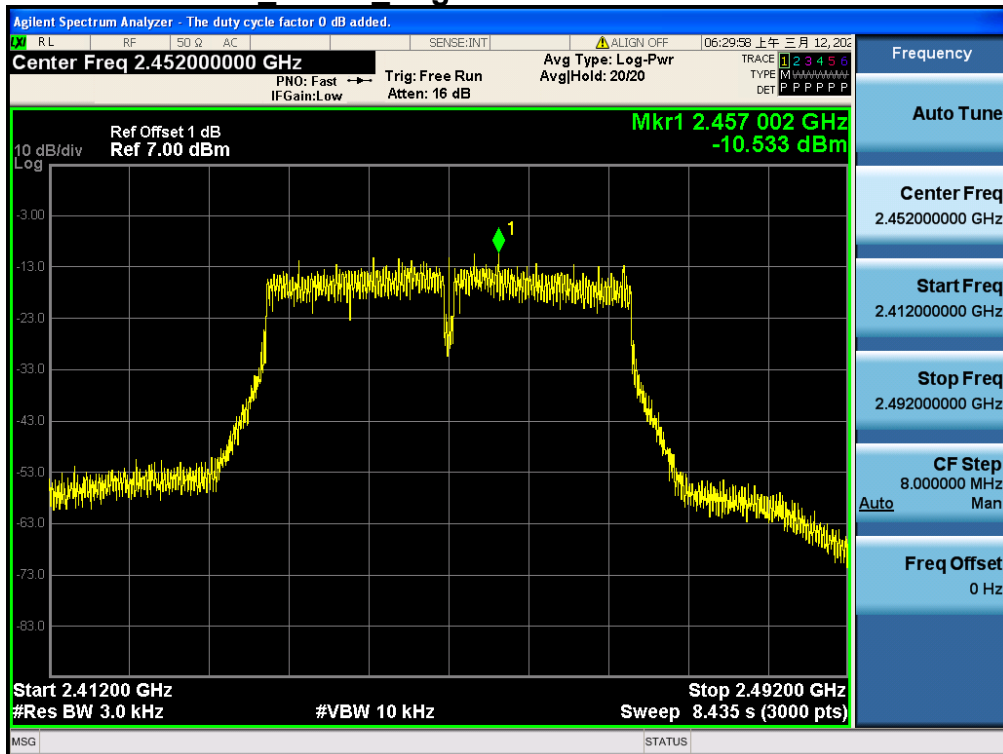
4.6.2.2.10 802.11N40 MIMO Lowest Channel



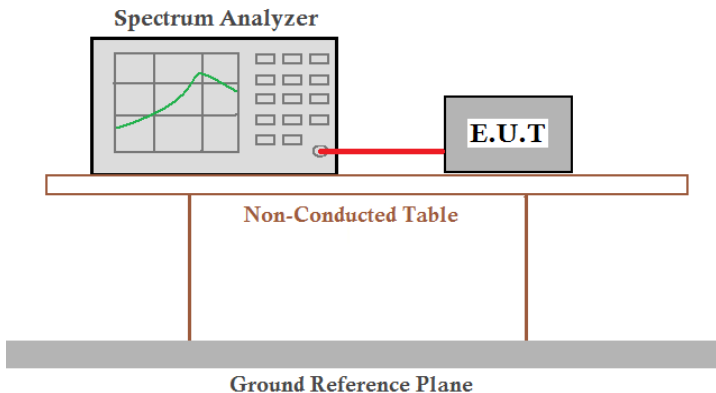
4.6.2.2.11 802.11 N40 MIMO Middle Channel



4.6.2.2.12 802.11 N40 MIMO Highest Channel



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

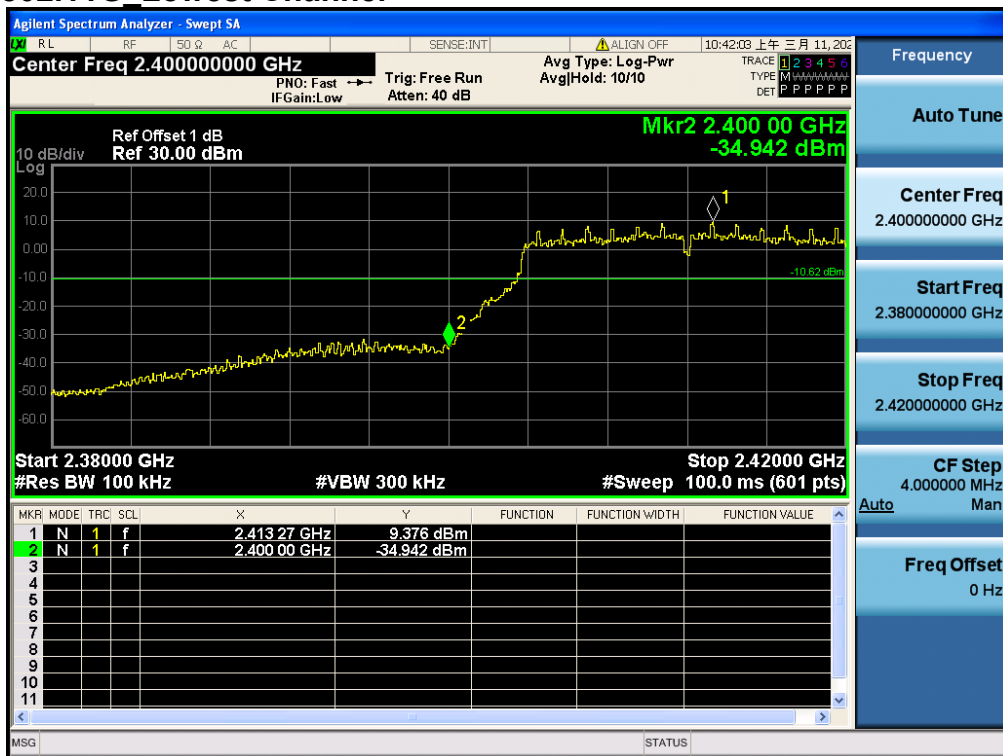
4.7.1.1.1 802.11B Lowest Channel



4.7.1.1.2 802.11B Highest Channel



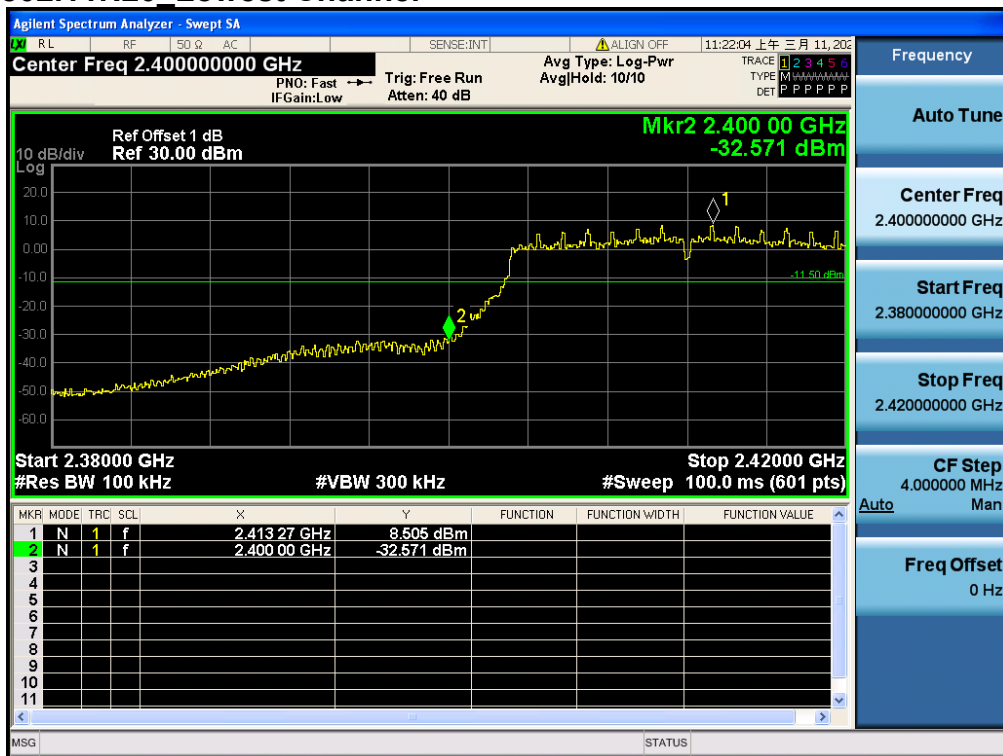
4.7.1.1.3 802.11G Lowest Channel



4.7.1.1.4 802.11G Highest Channel



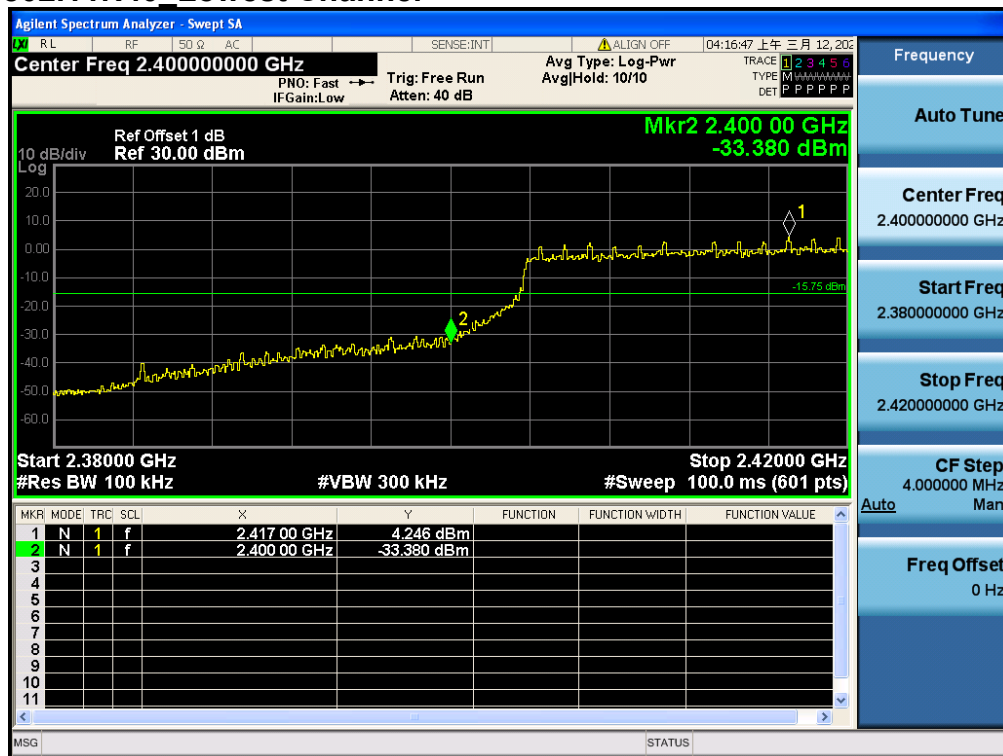
4.7.1.1.5 802.11N20 Lowest Channel



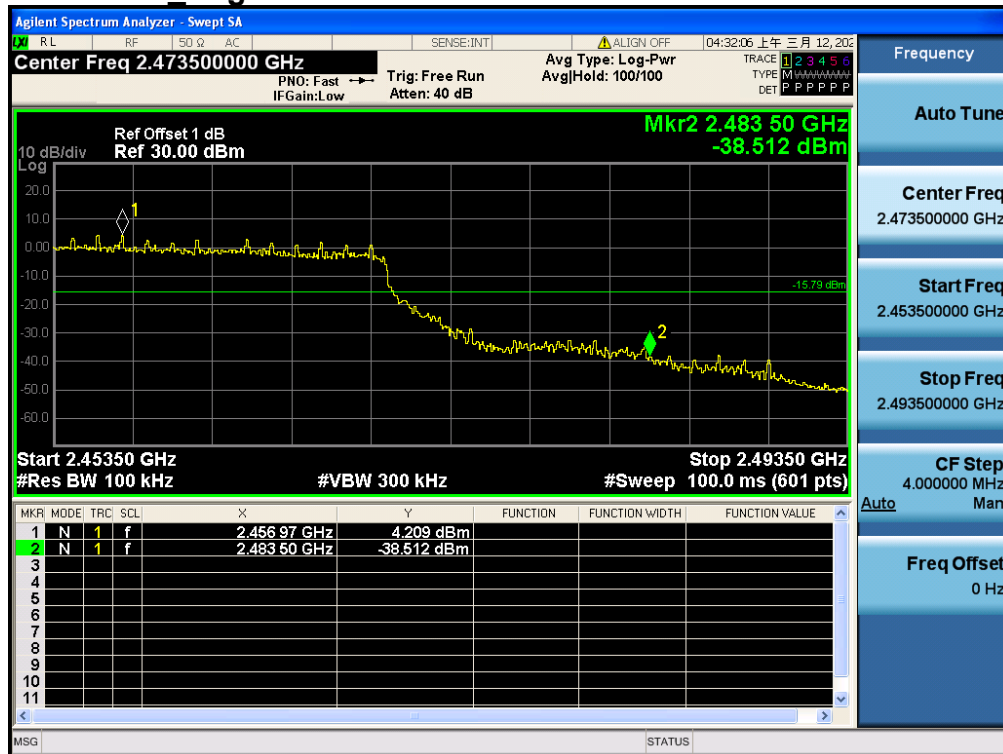
4.7.1.1.6 802.11 N20 Highest Channel



4.7.1.1.7 802.11N40 Lowest Channel



4.7.1.1.8 802.11 N40 Highest Channel



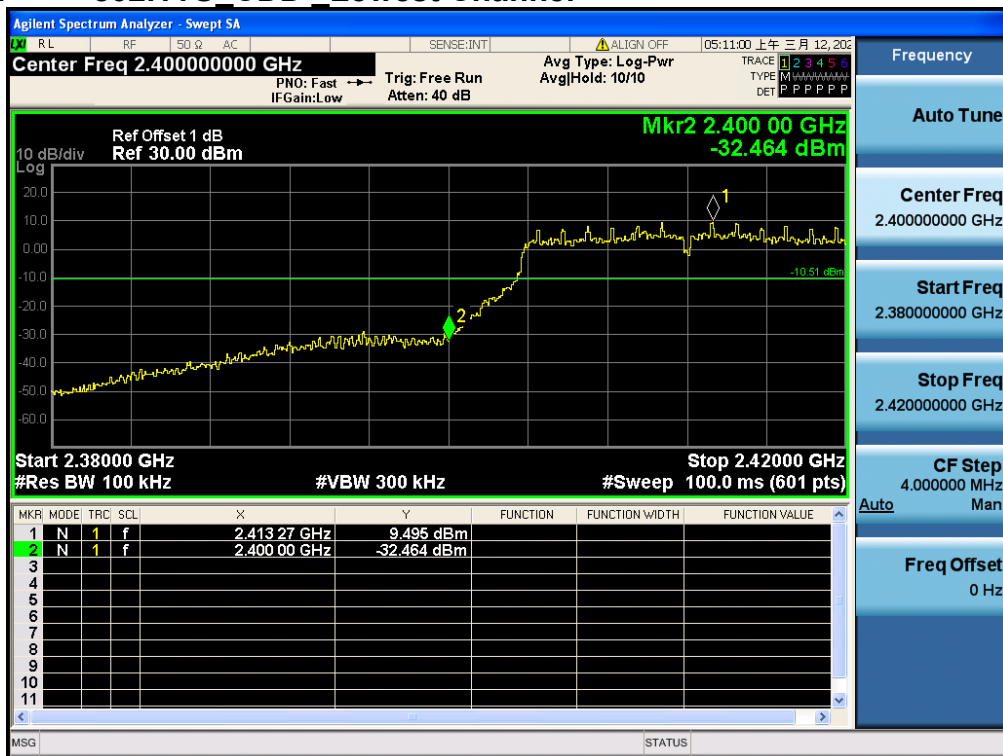
4.7.1.1.9 802.11B_CDD_Lowest Channel



4.7.1.1.10 802.11B_CDD_Highest Channel



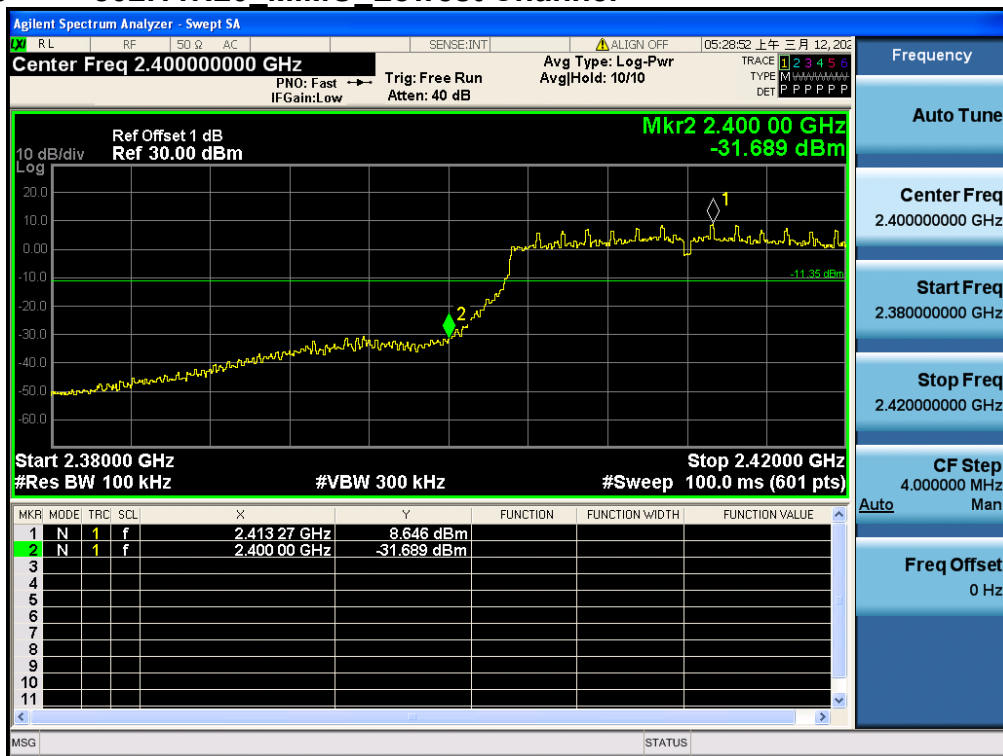
4.7.1.1.11 802.11G_CDD_Lowest Channel



4.7.1.1.12 802.11G_CDD_Highest Channel



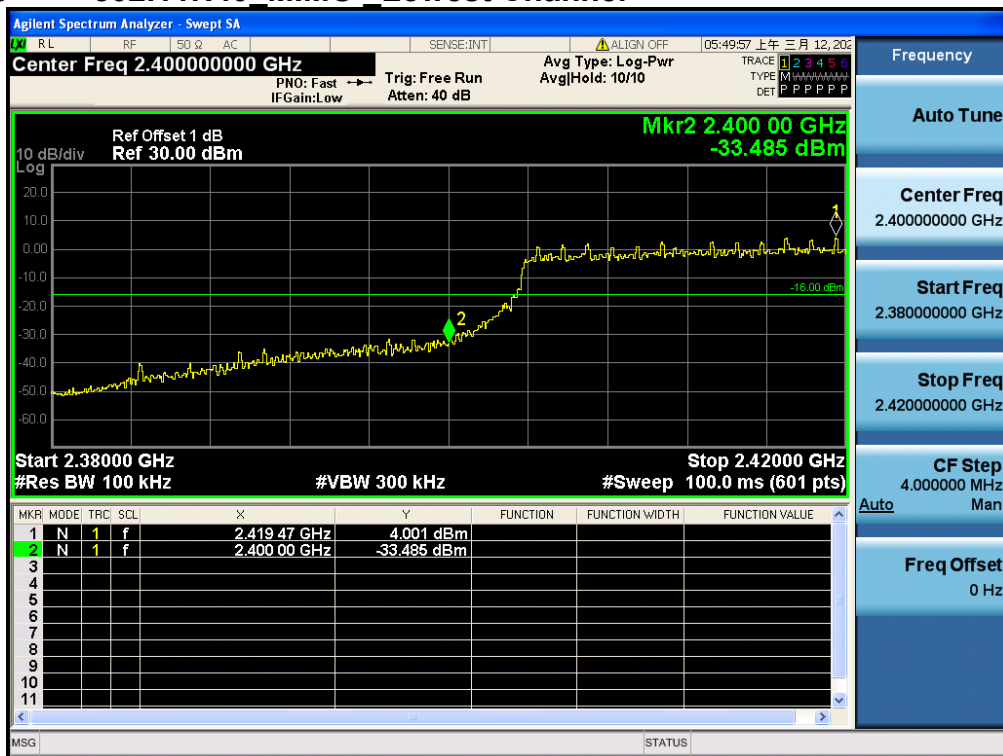
4.7.1.1.13 802.11N20_MIMO_Lowest Channel



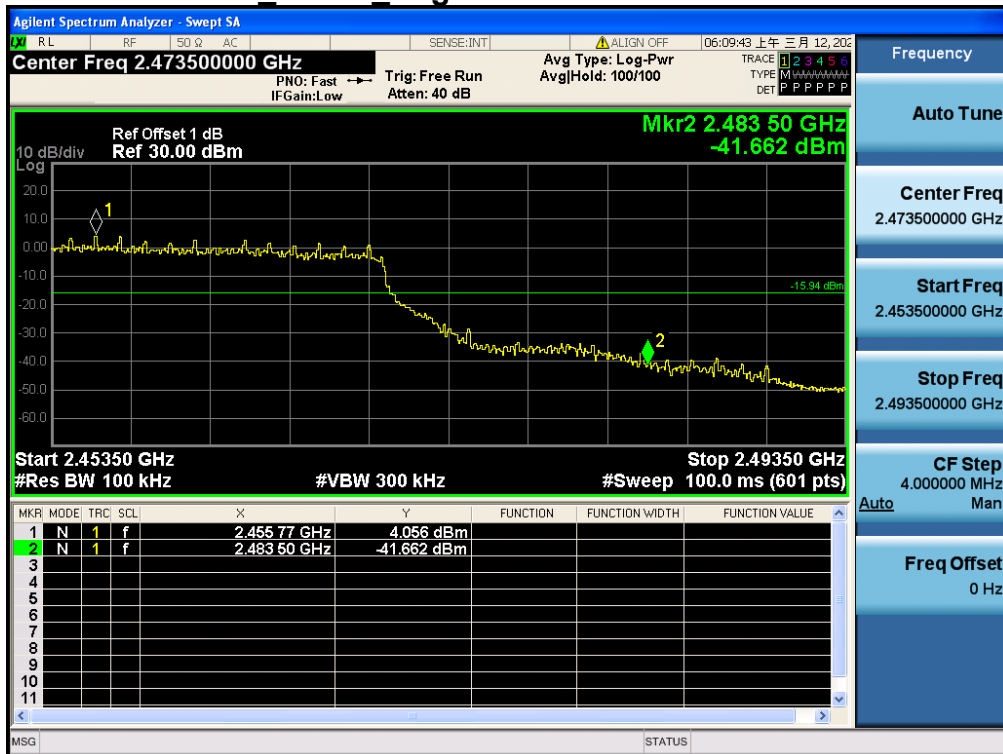
4.7.1.1.14 802.11 N20_MIMO_Highest Channel



4.7.1.1.15 802.11N40 MIMO Lowest Channel



4.7.1.1.16 802.11 N40 MIMO Highest Channel



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



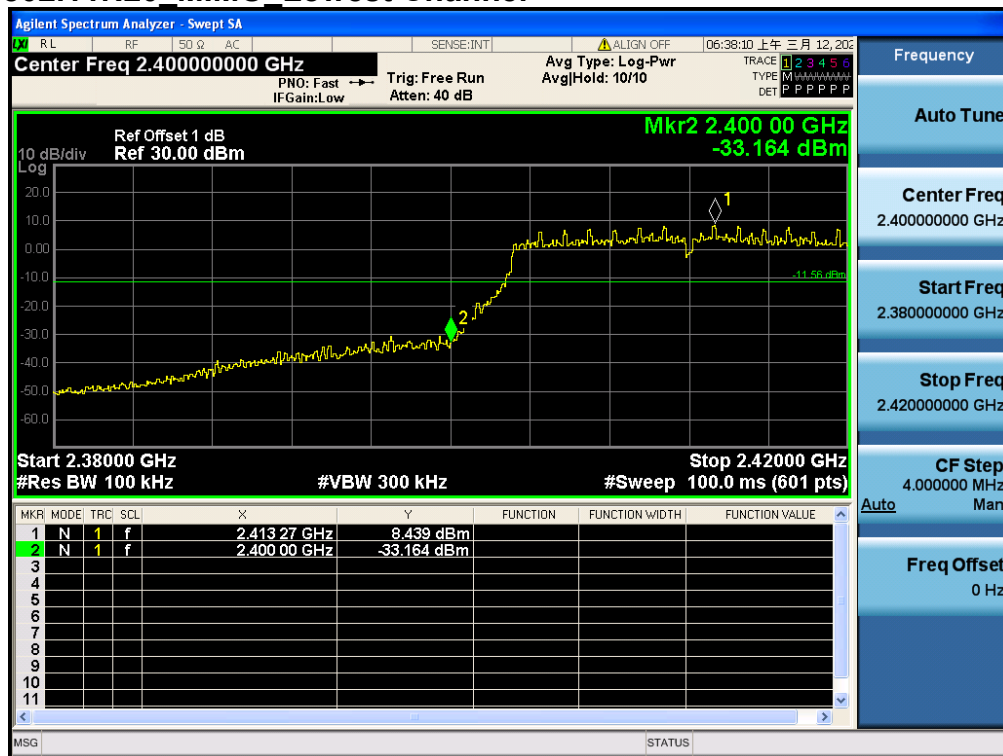
4.7.1.2.3 802.11G CDD Lowest Channel



4.7.1.2.4 802.11G CDD Highest Channel



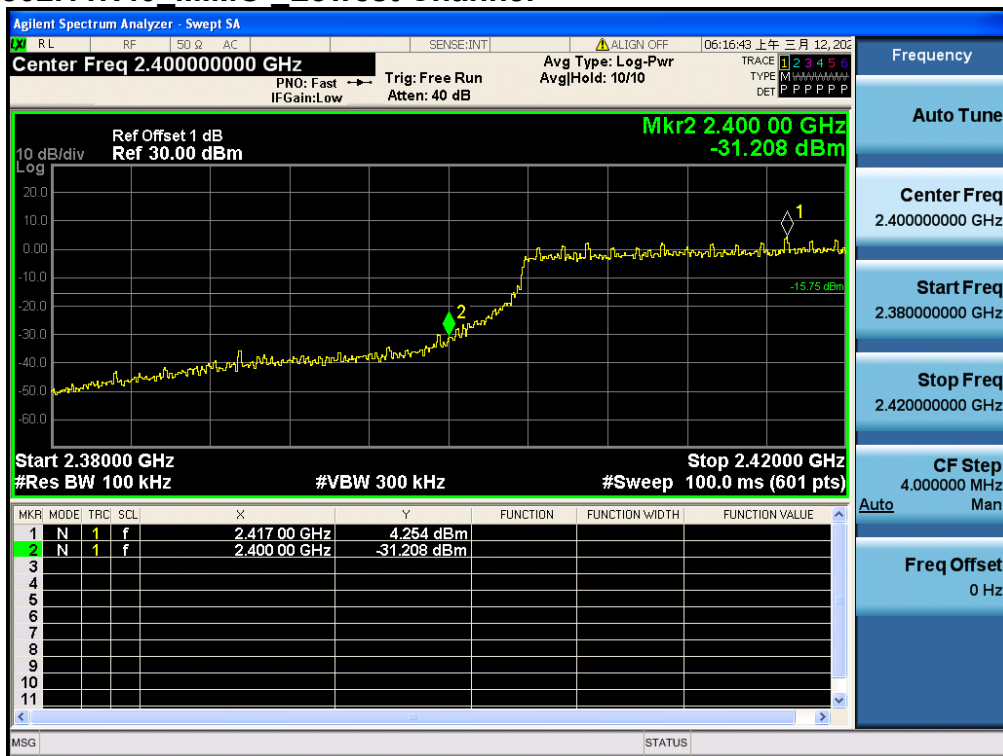
4.7.1.2.5 802.11N20 MIMO_Lowest Channel



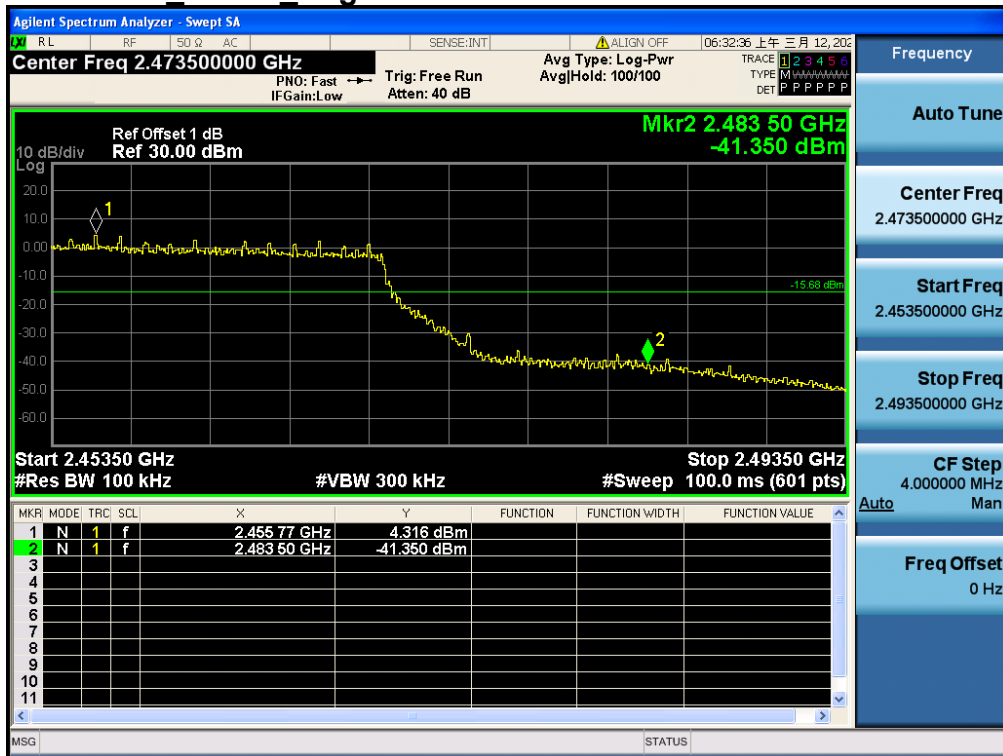
4.7.1.2.6 802.11 N20 MIMO_Highest Channel



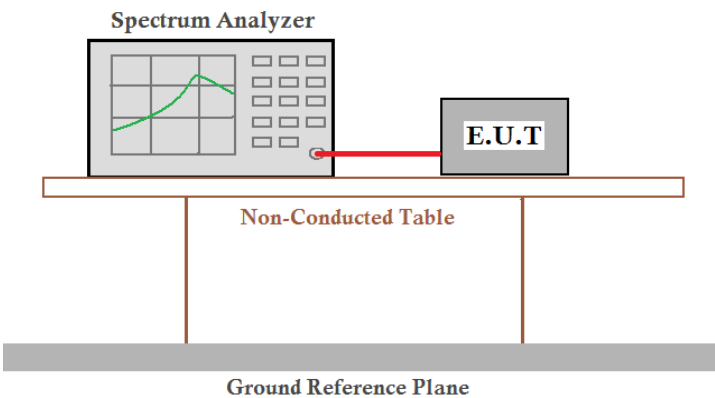
4.7.1.2.7 802.11N40 MIMO _Lowest Channel



4.7.1.2.8 802.11 N40 MIMO _Highest Channel



4.8 RF Conducted Spurious Emissions

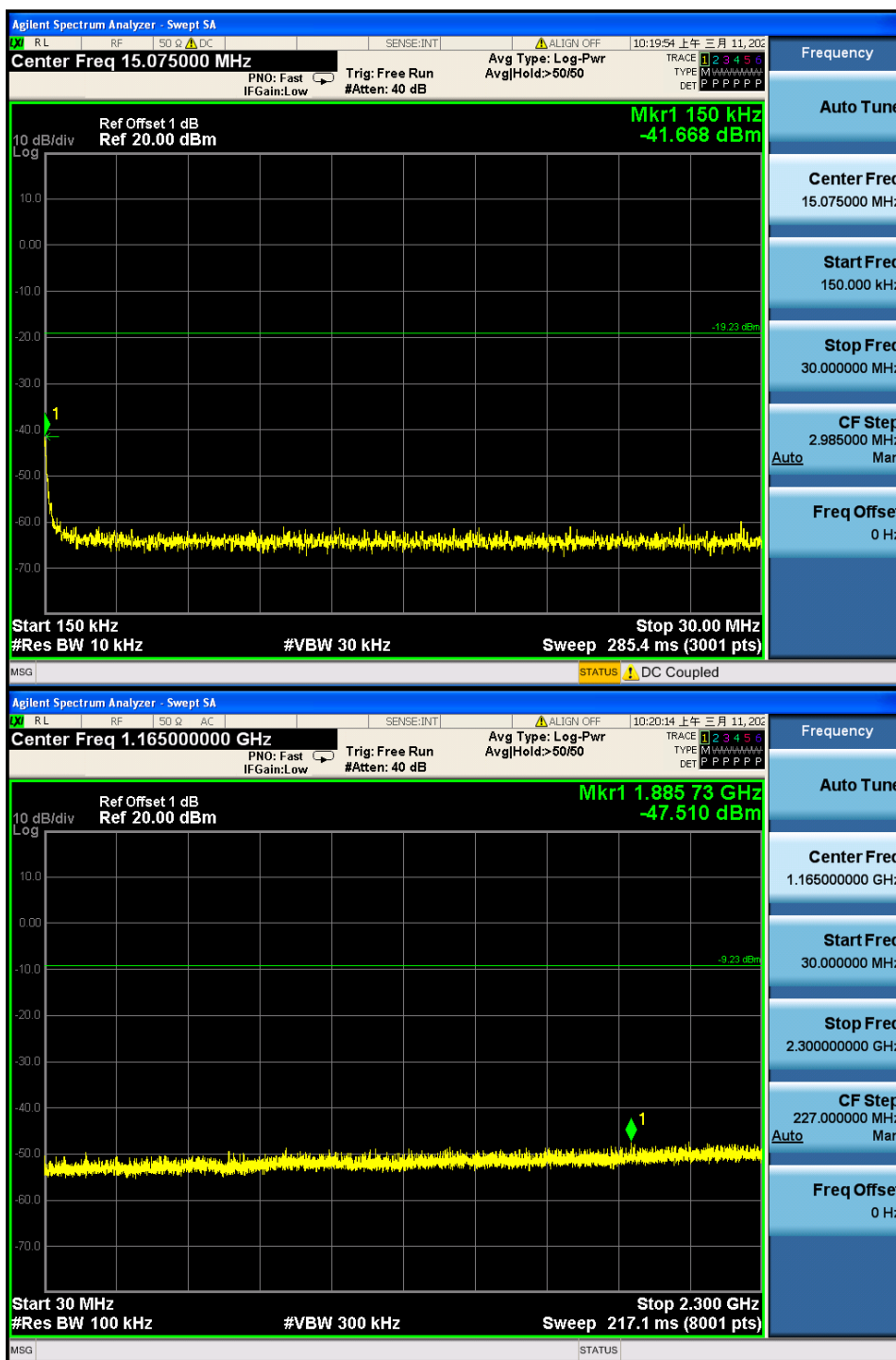
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.11
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst 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





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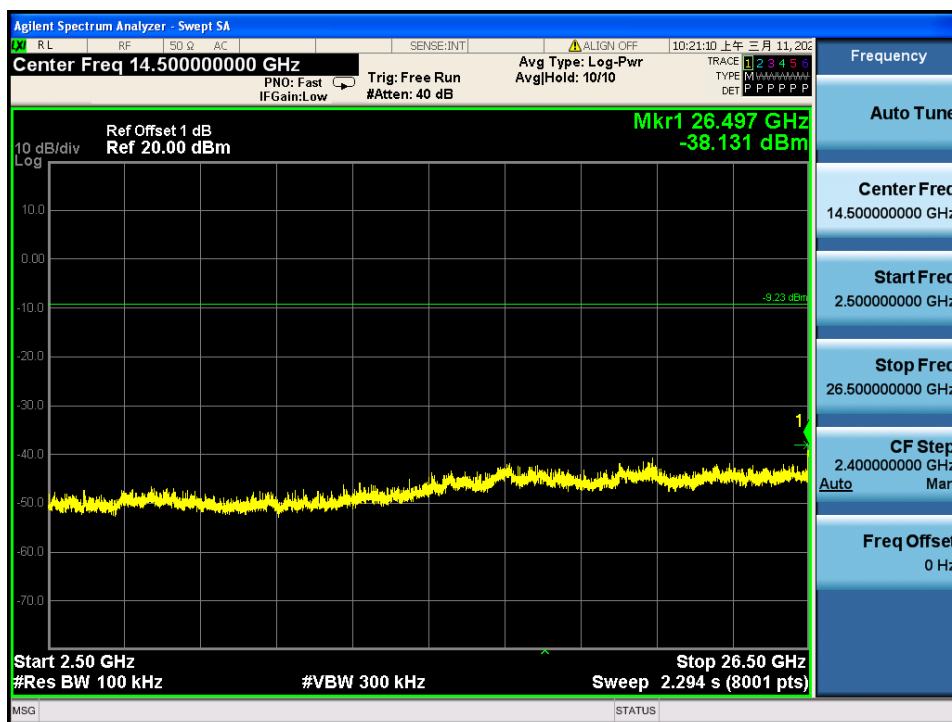


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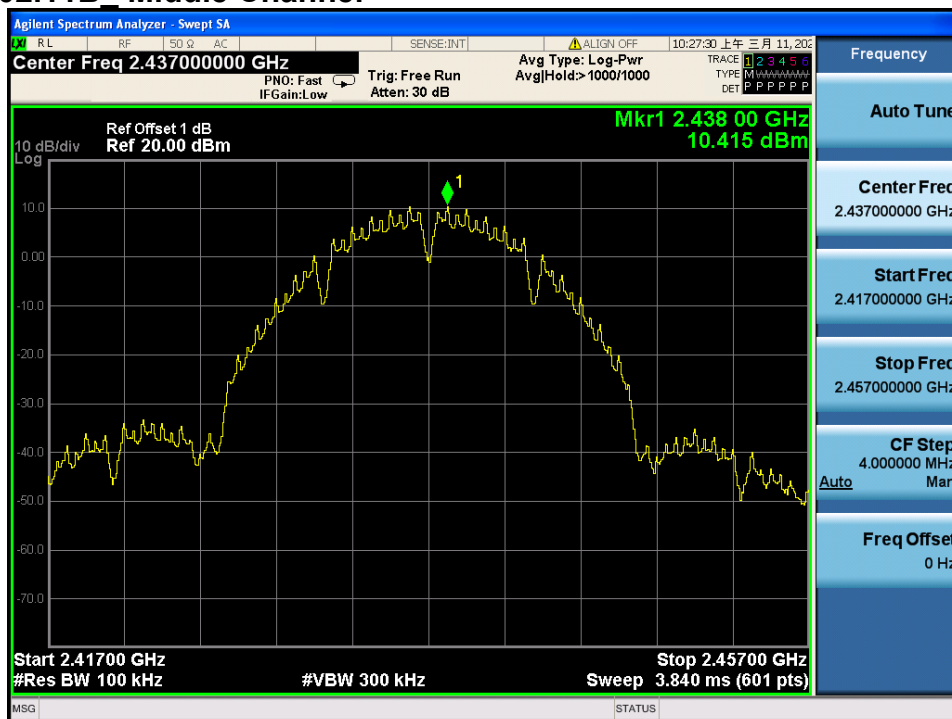
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4.8.1.1.2 802.11B Middle Channel

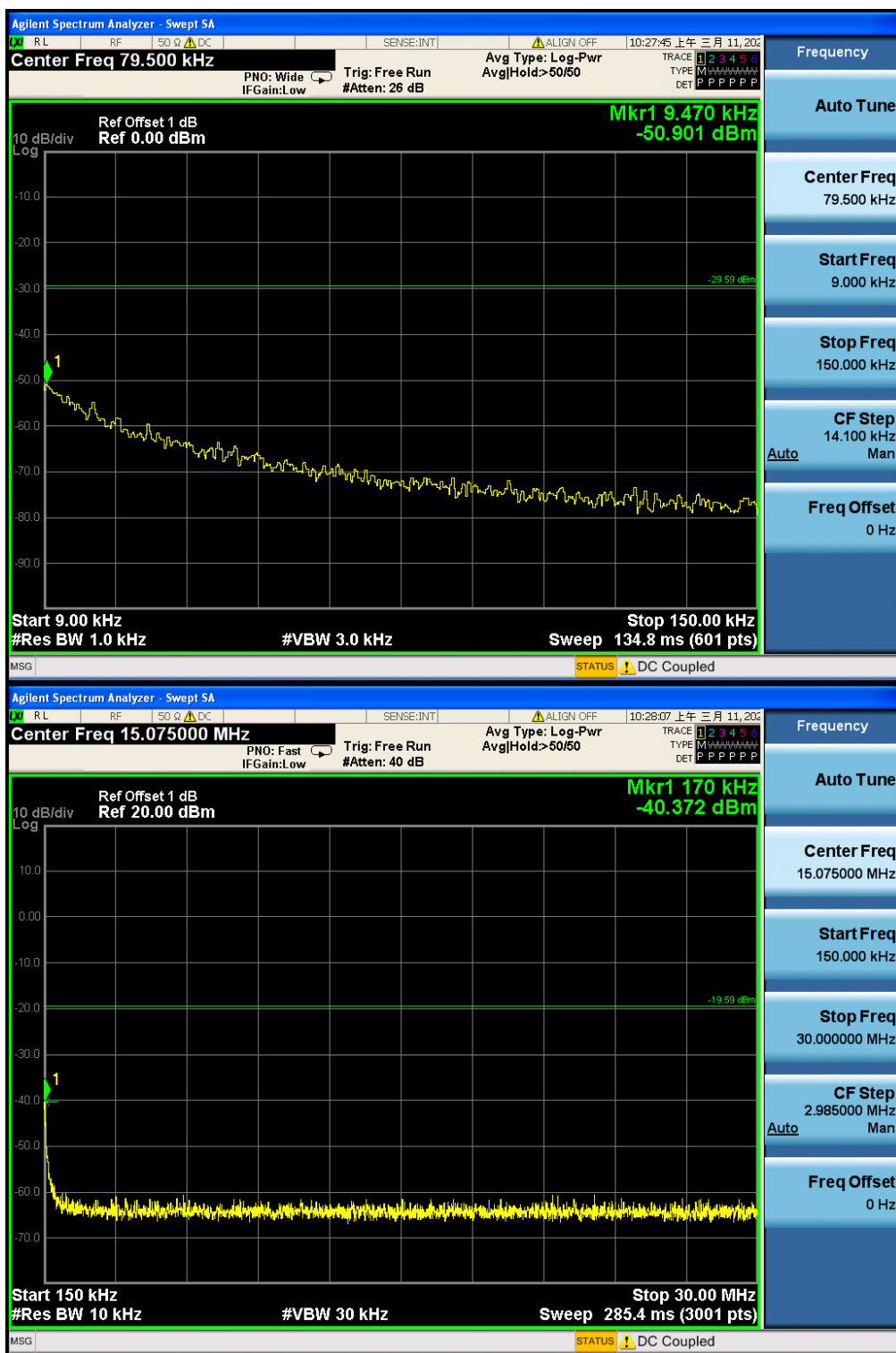


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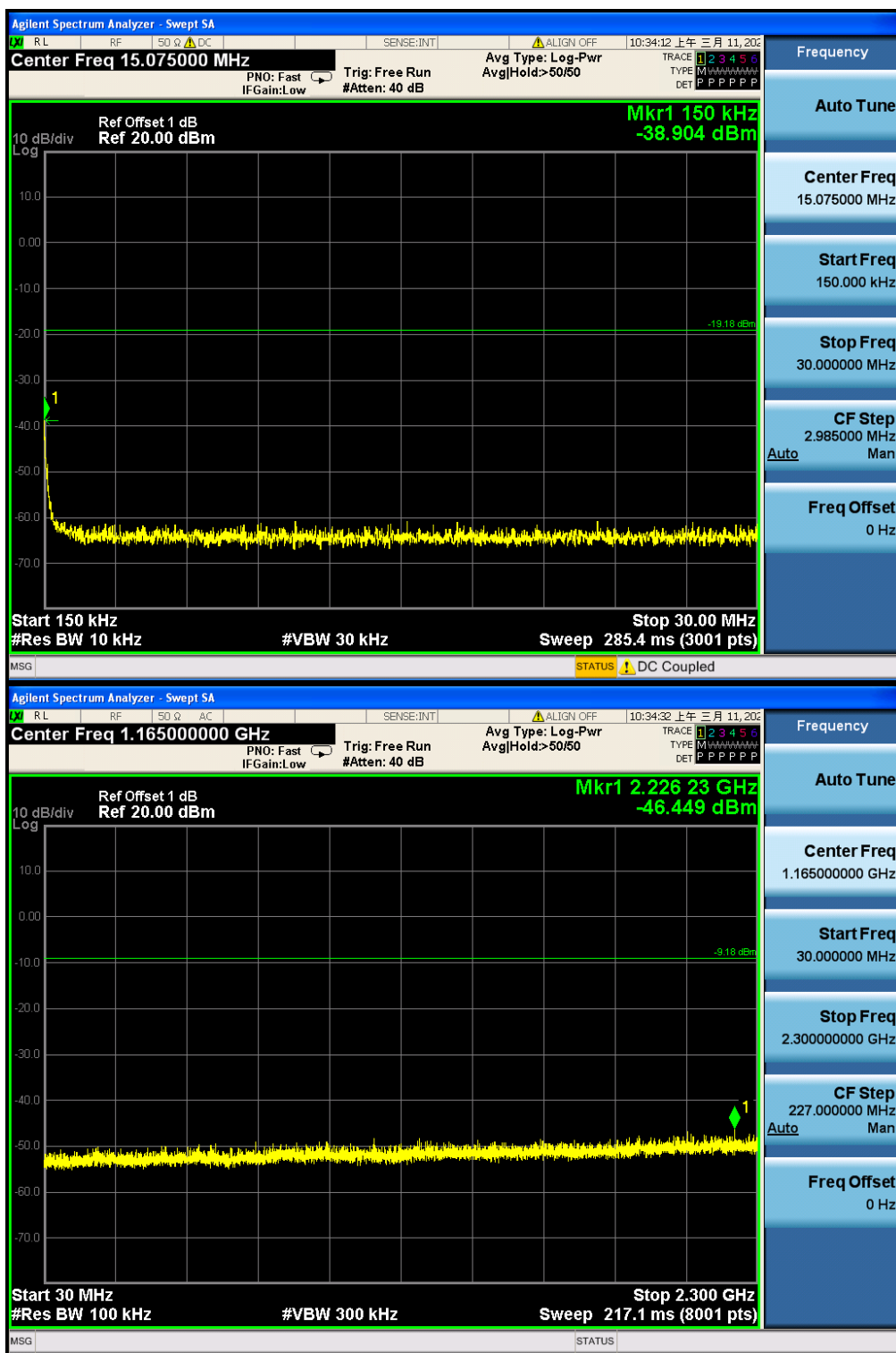


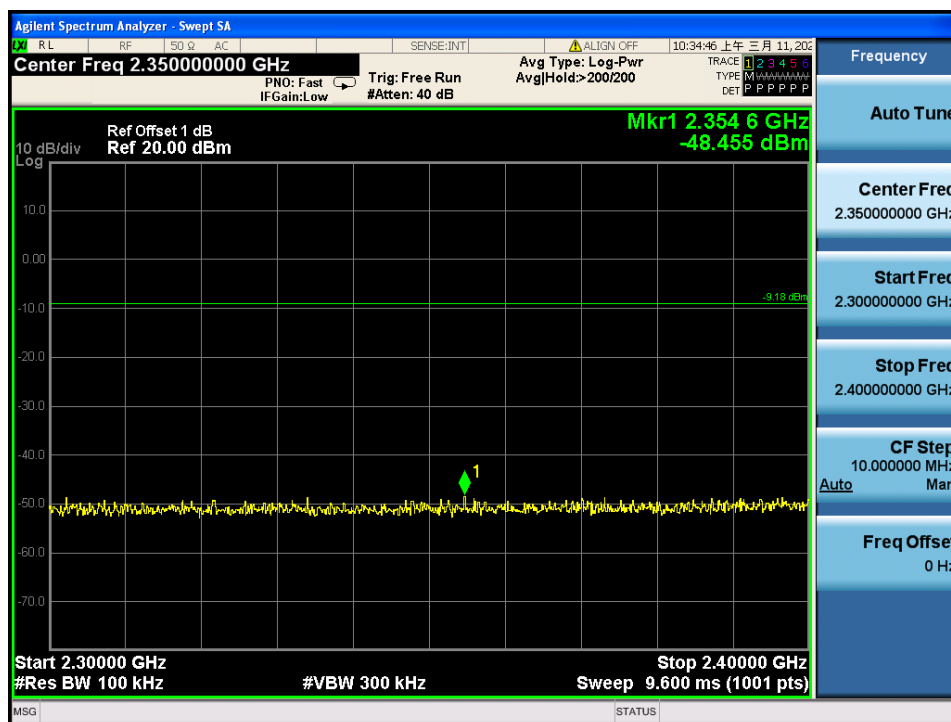




4.8.1.1.3 802.11B_Highest Channel





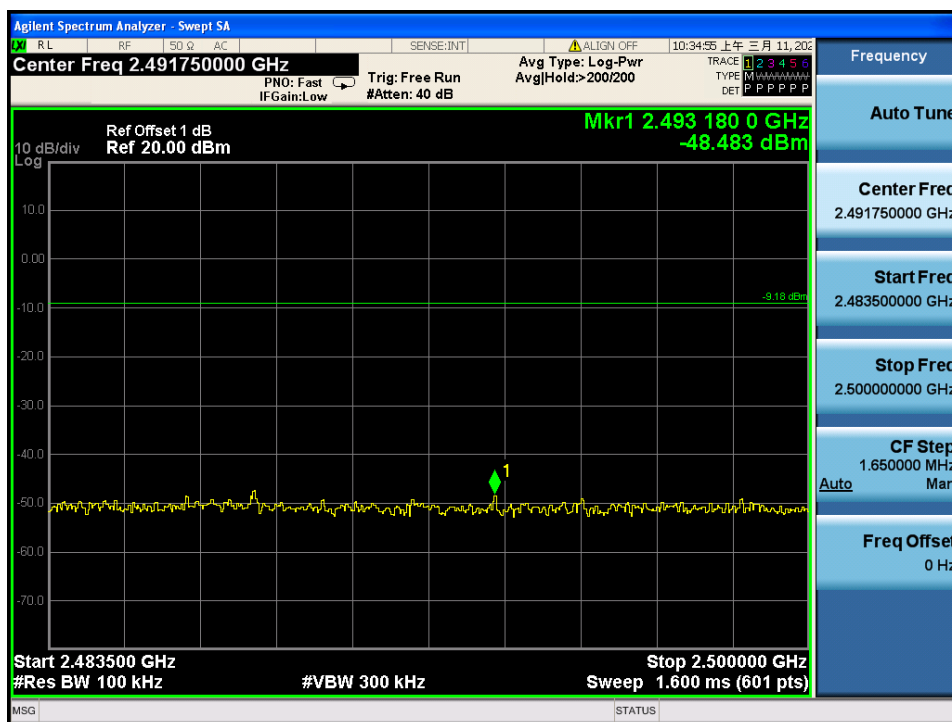


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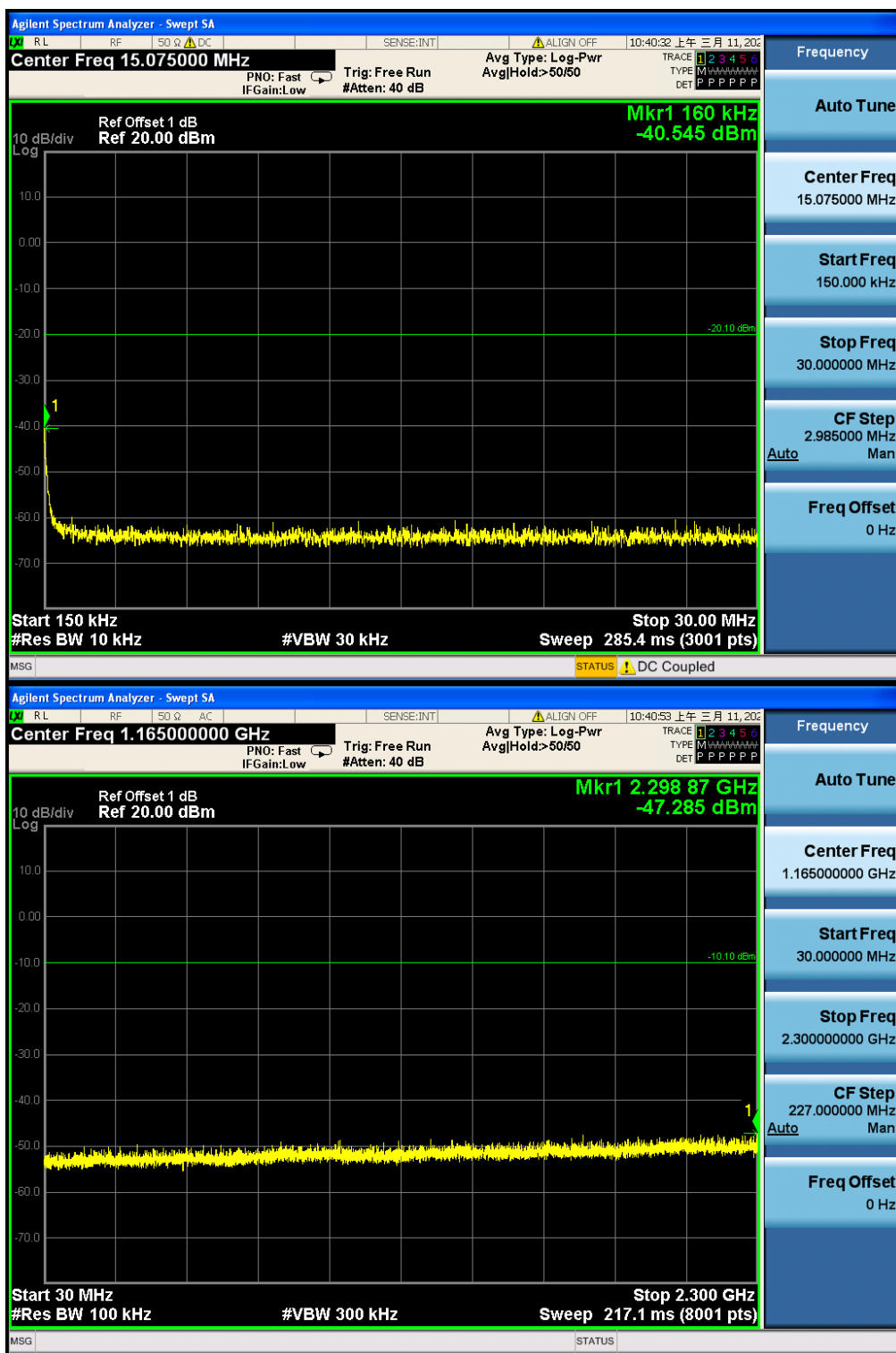
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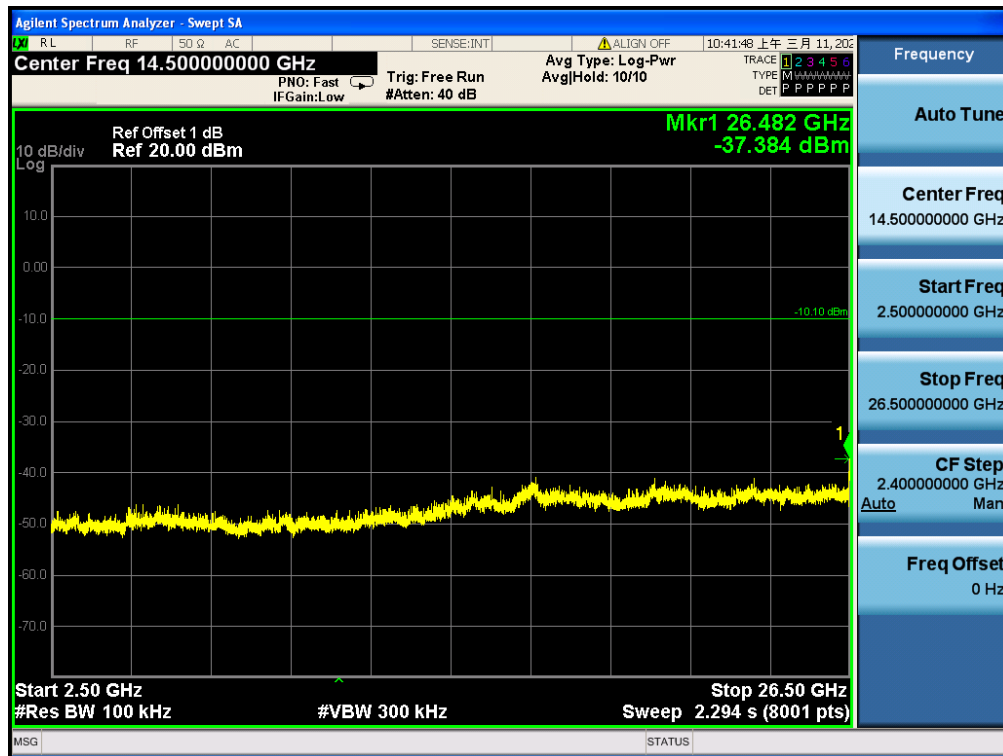


4.8.1.1.4 802.11G Lowest Channel









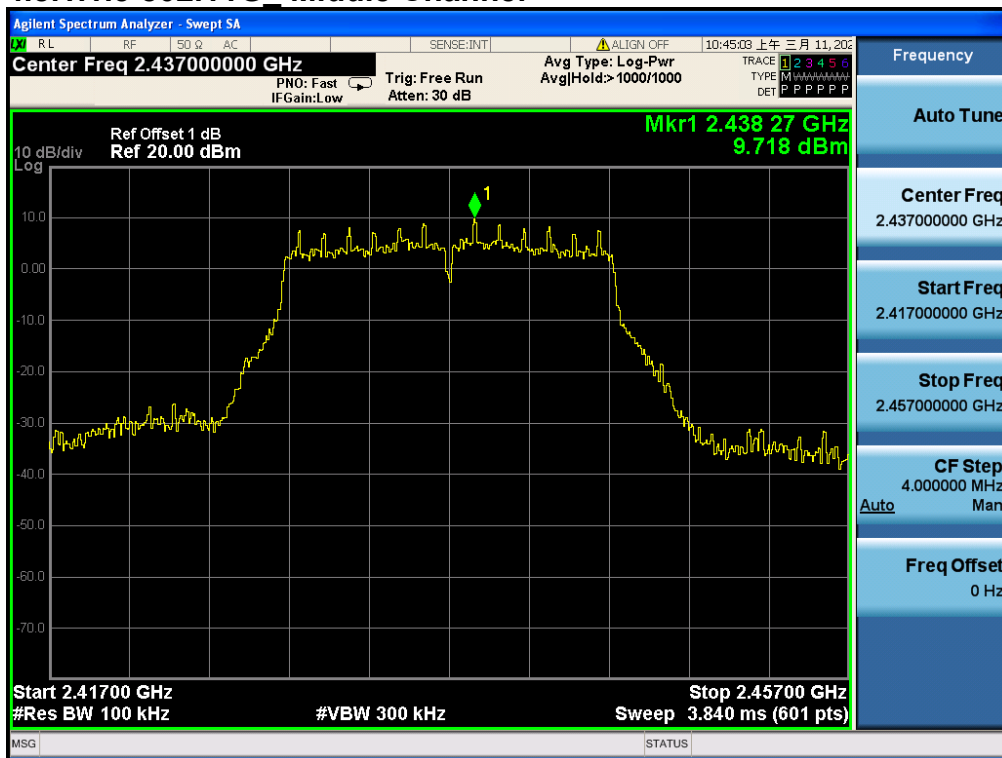
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4.8.1.1.5 802.11G Middle Channel

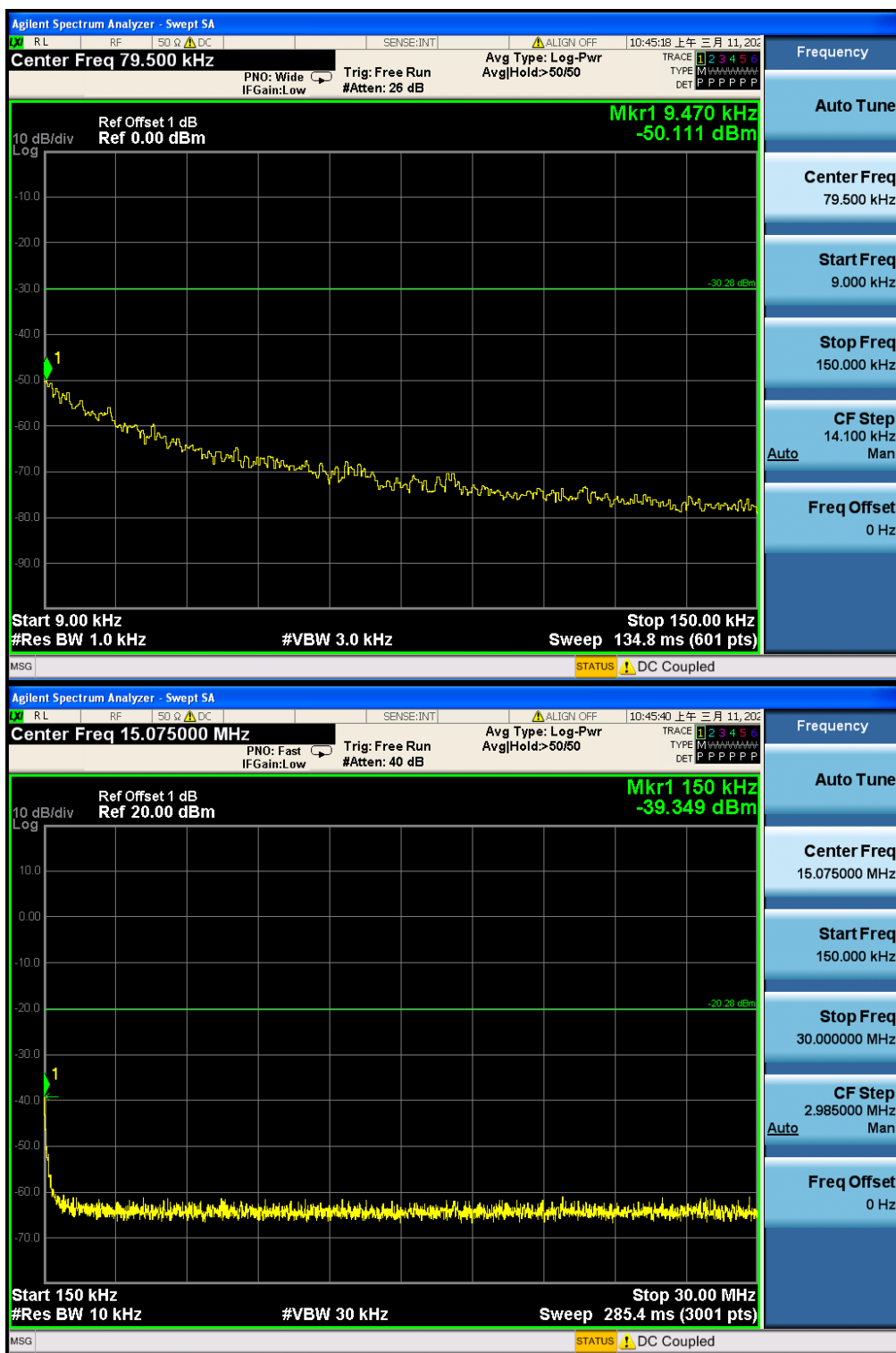


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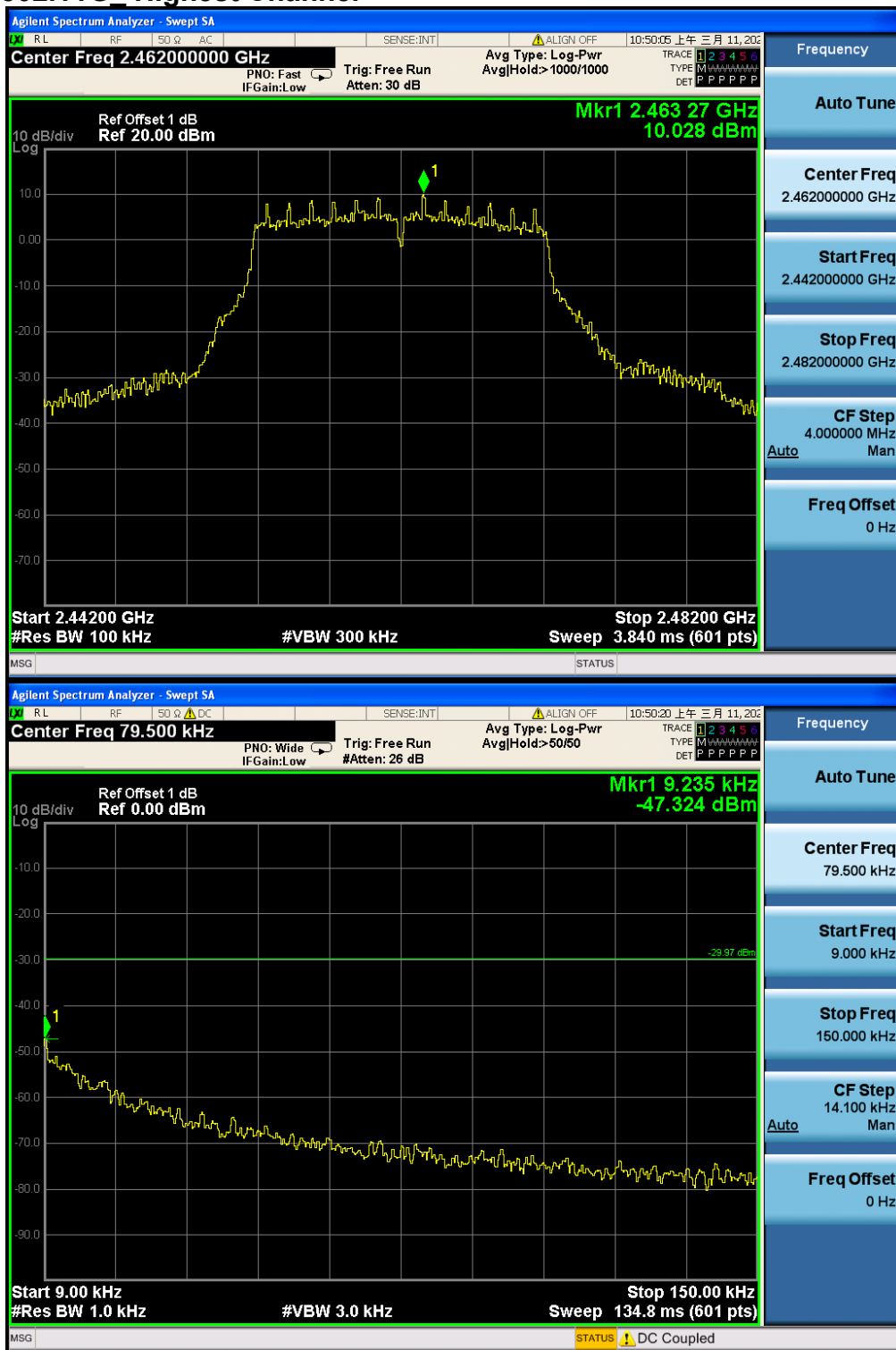
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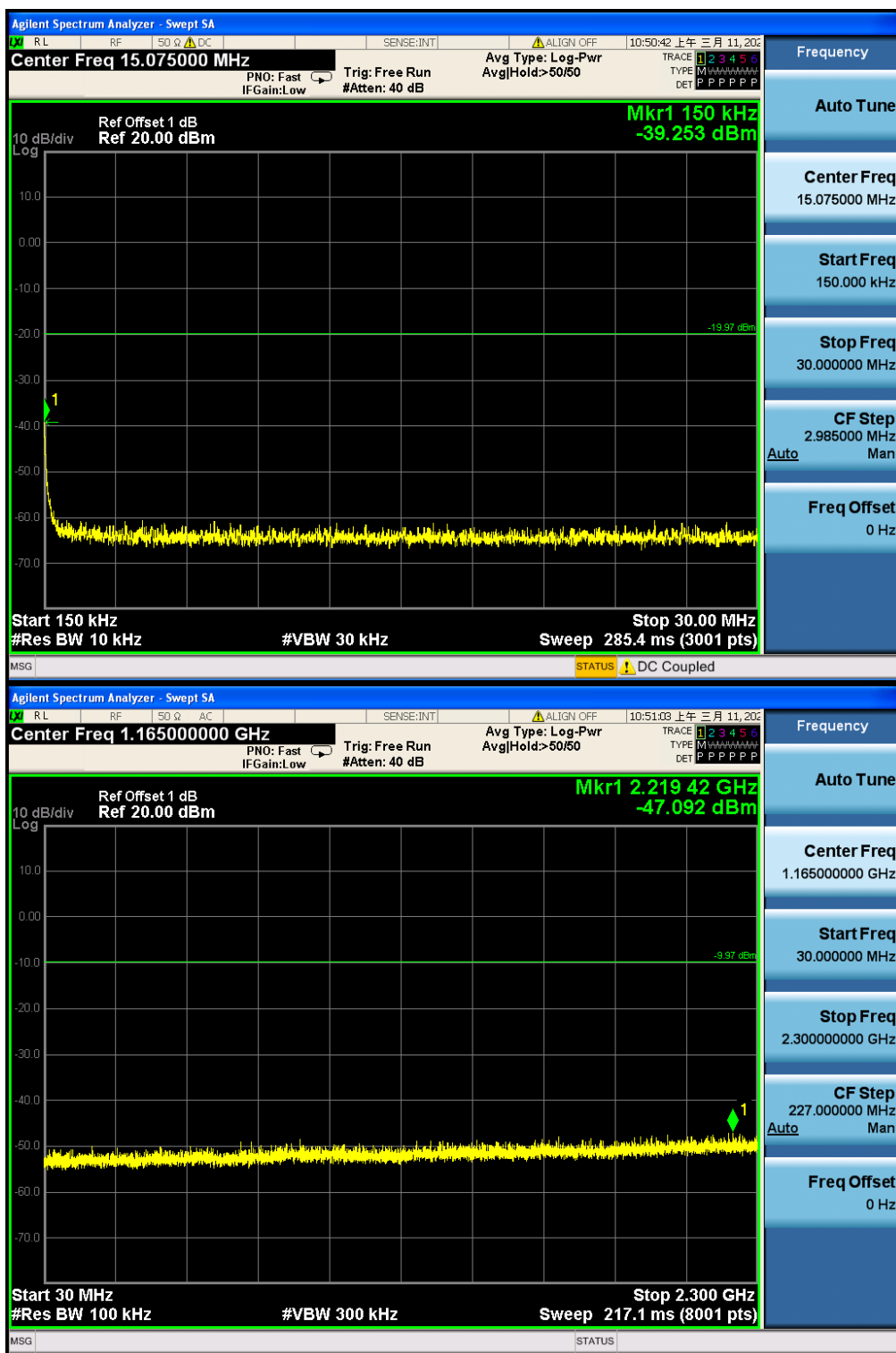




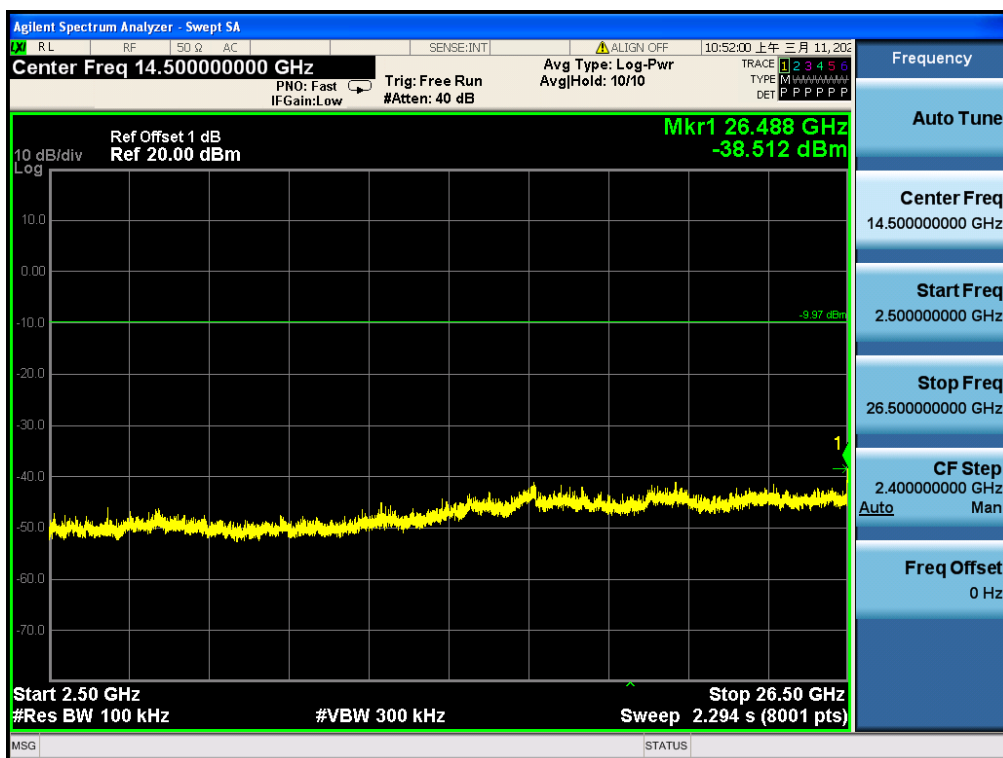


4.8.1.1.6 802.11G_Highest Channel









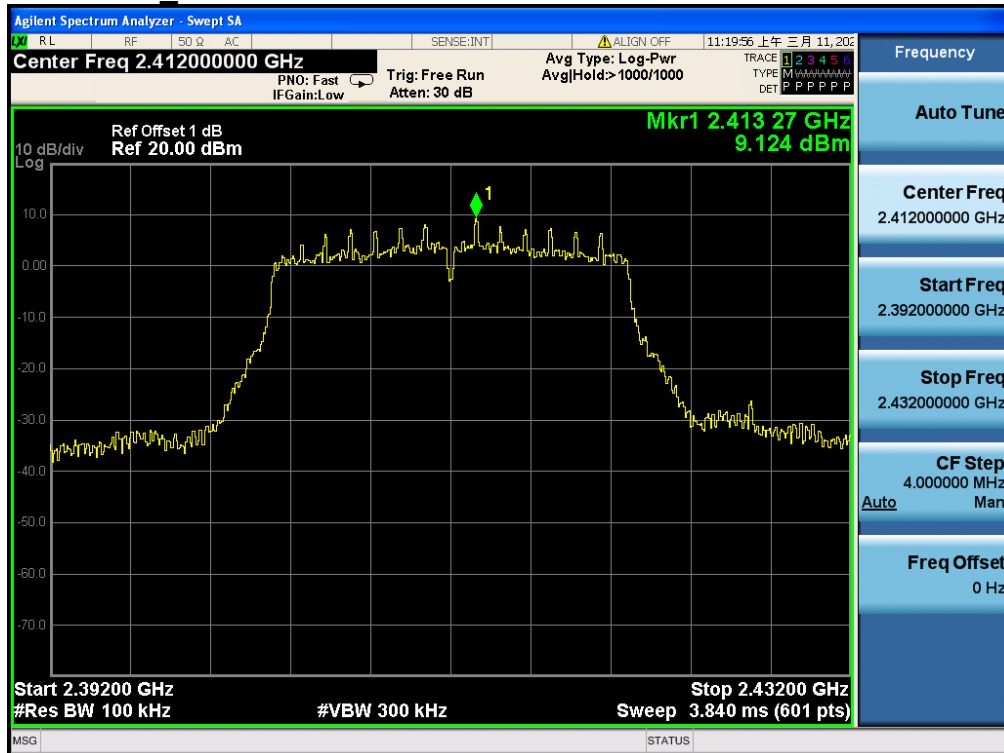
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4.8.1.1.7 802.11N20_Lowest Channel

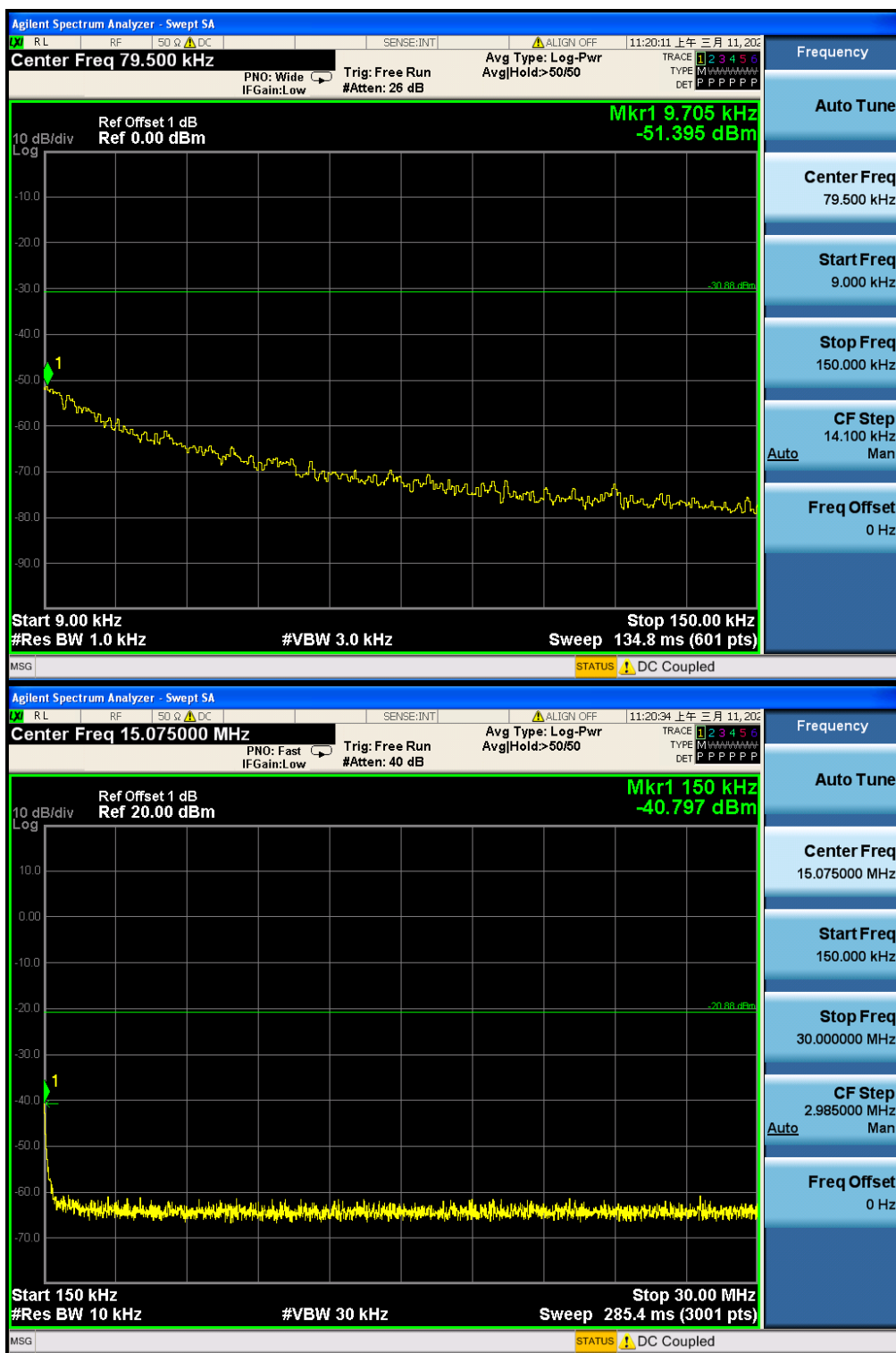


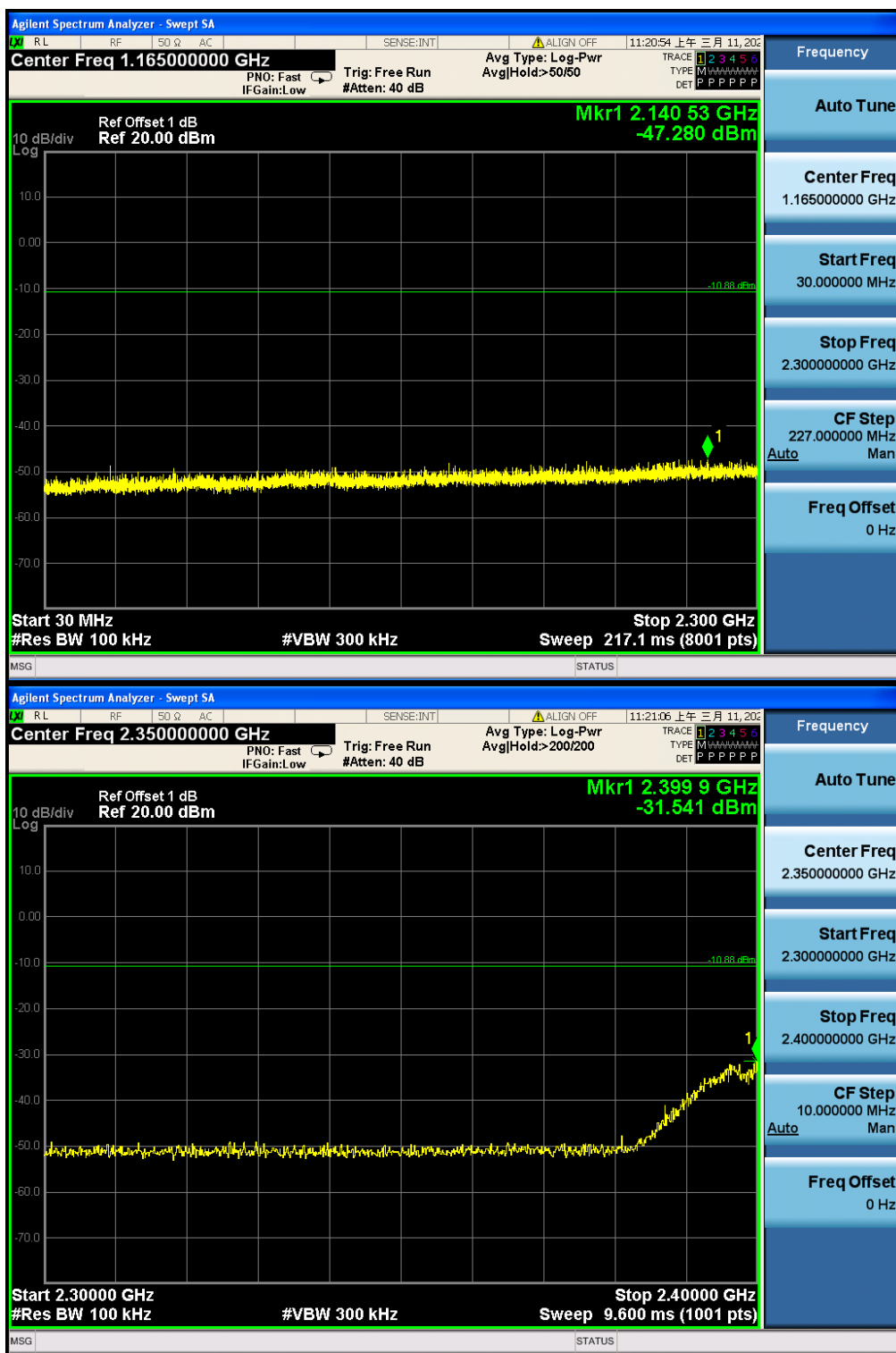
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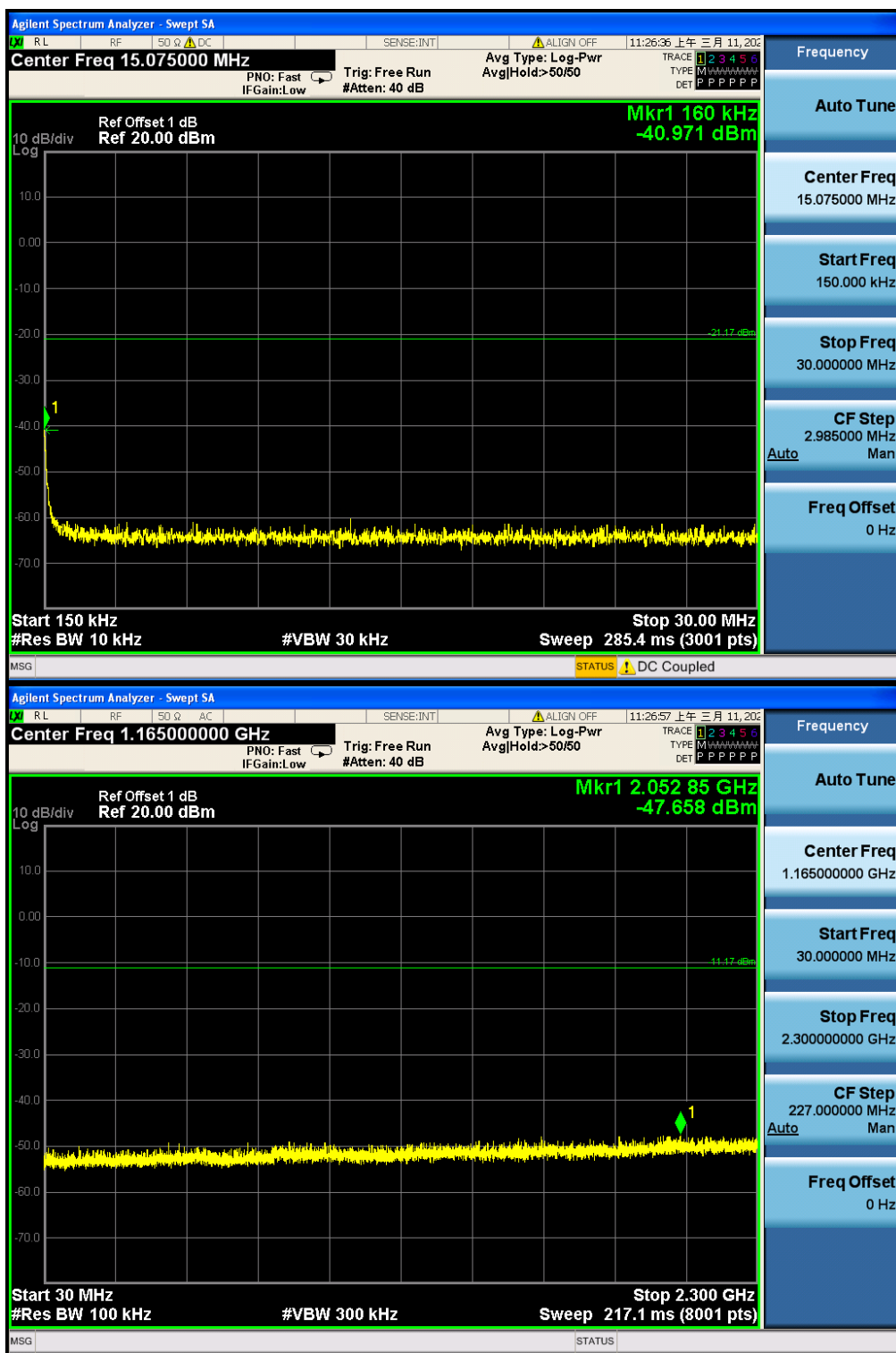




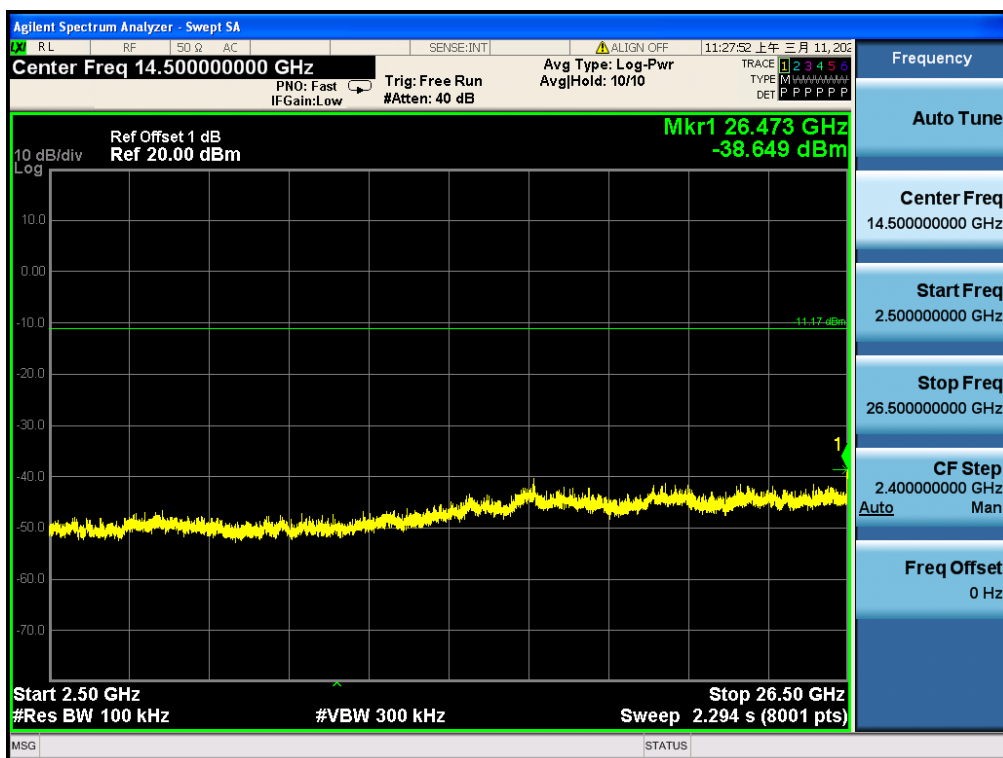


4.8.1.1.8 802.11 N20_Middle Channel









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4.8.1.1.9 802.11 N20_Highest Channel

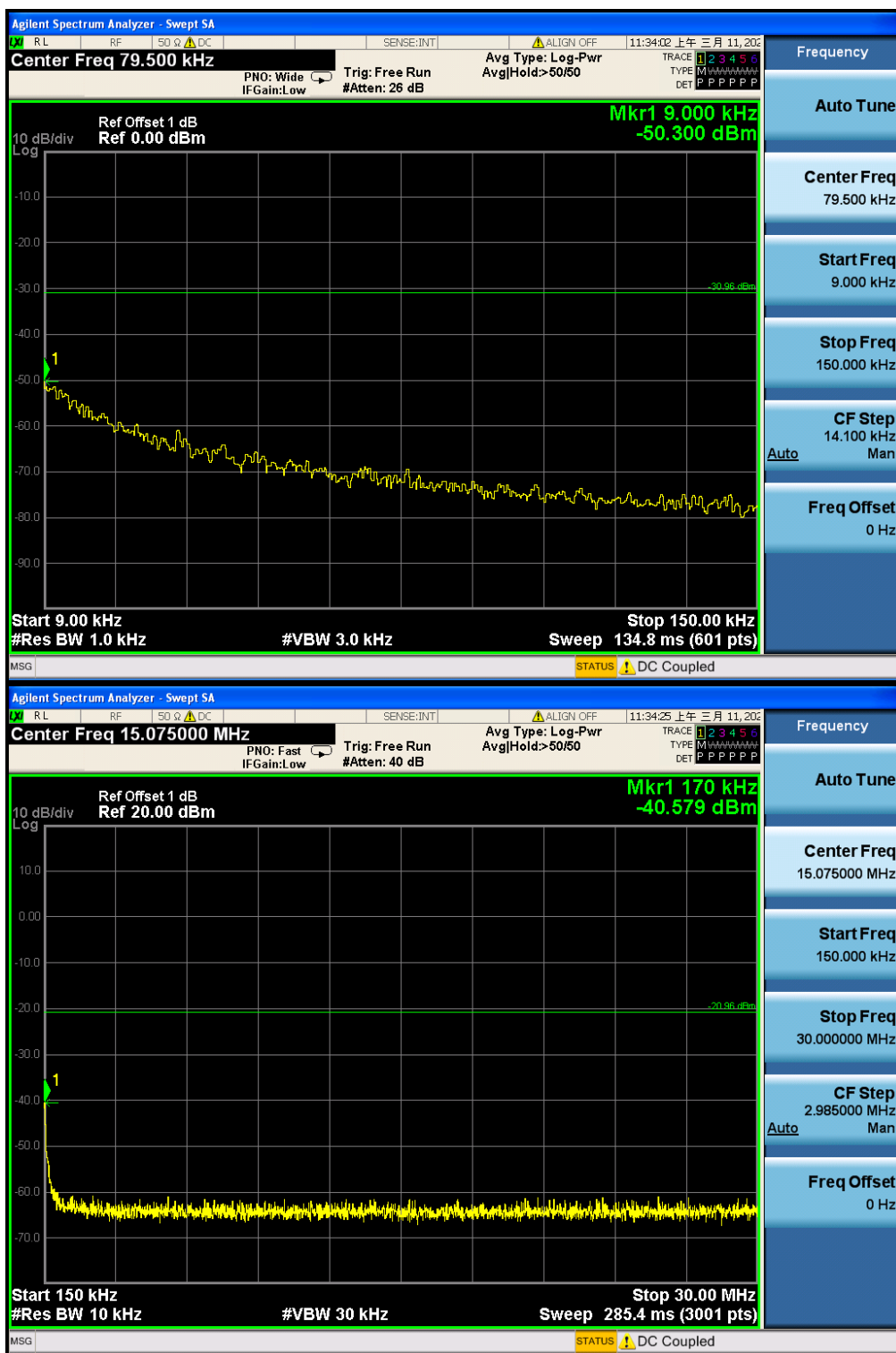


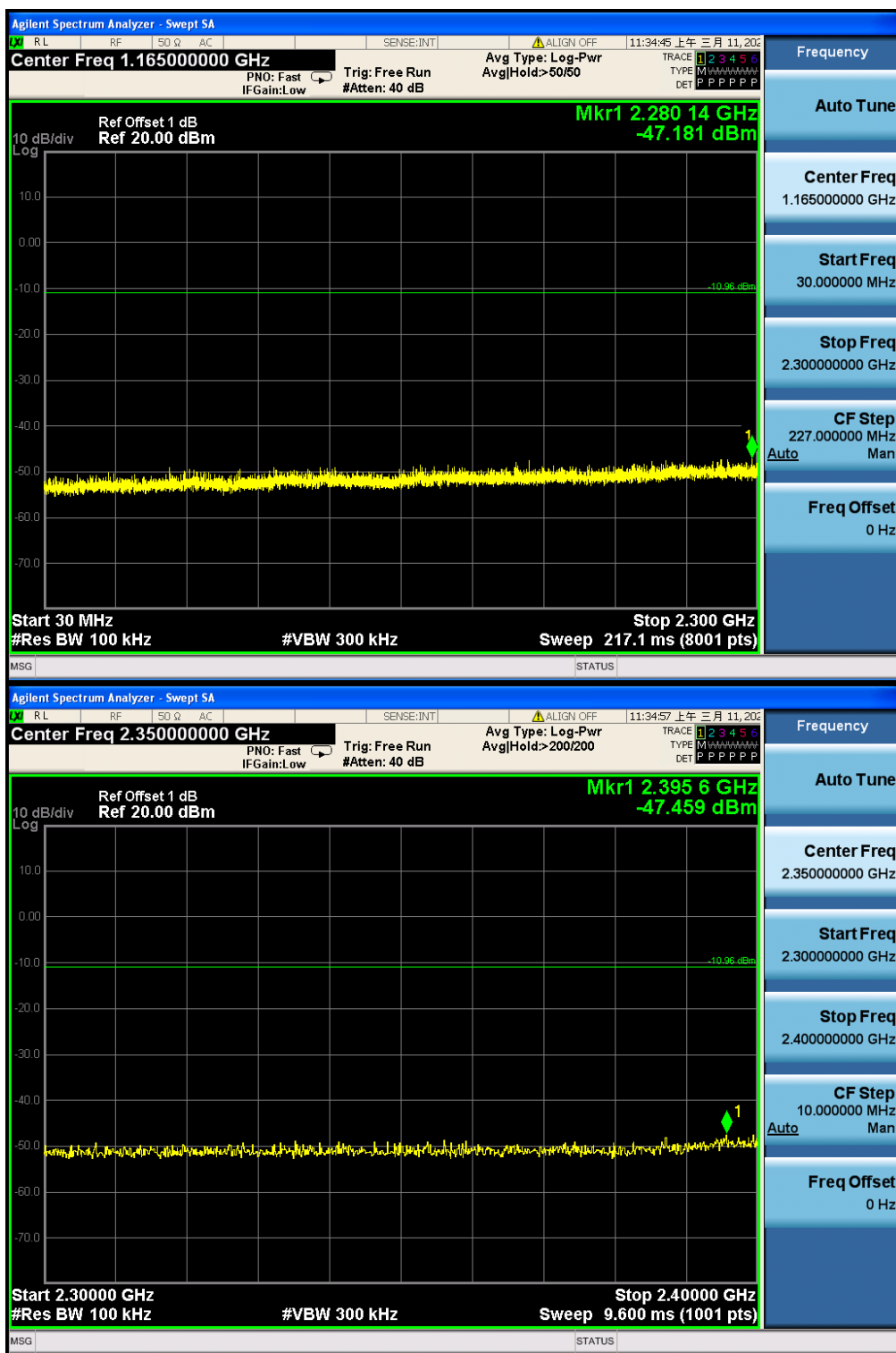
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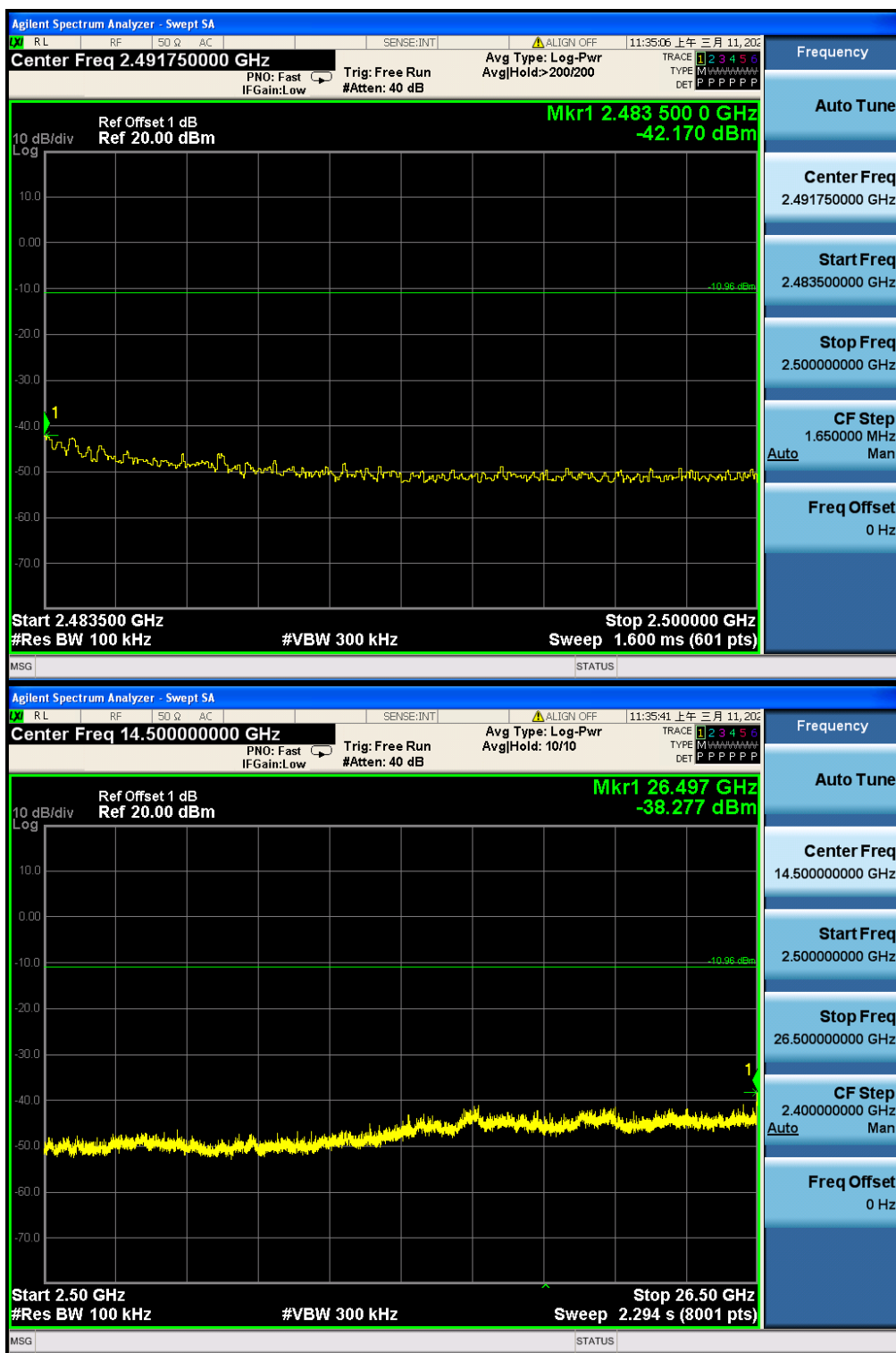
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4.8.1.1.10 802.11N40 Lowest Channel

