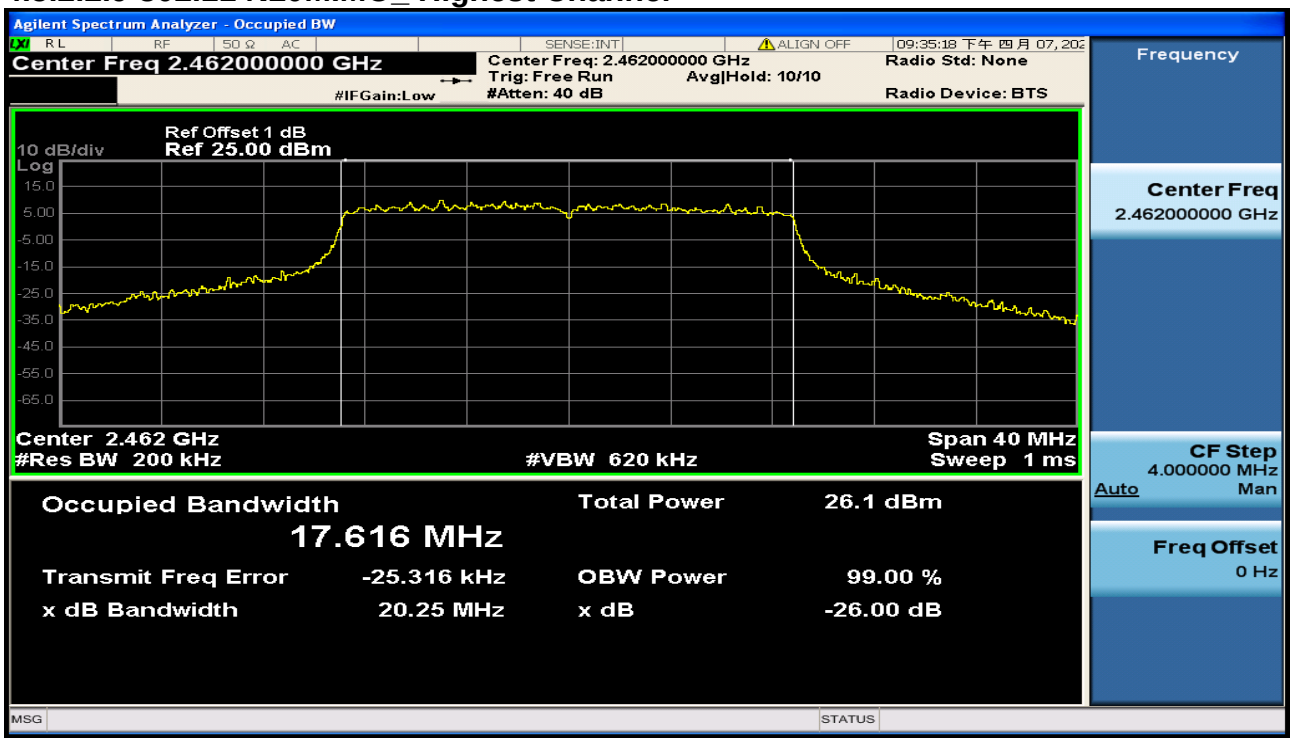
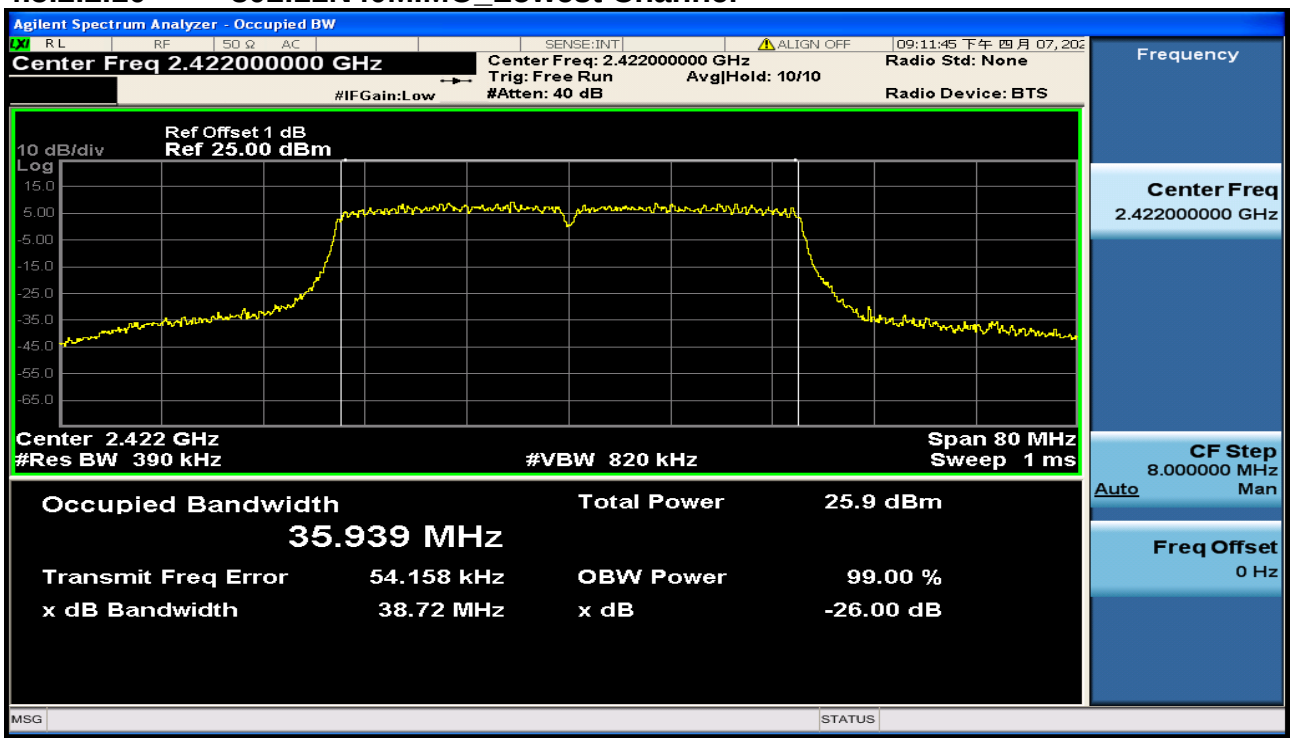
4.5.2.2.9 802.11 N20MIMO_ Highest Channel



4.5.2.2.10 802.11N40MIMO_Lowest Channel



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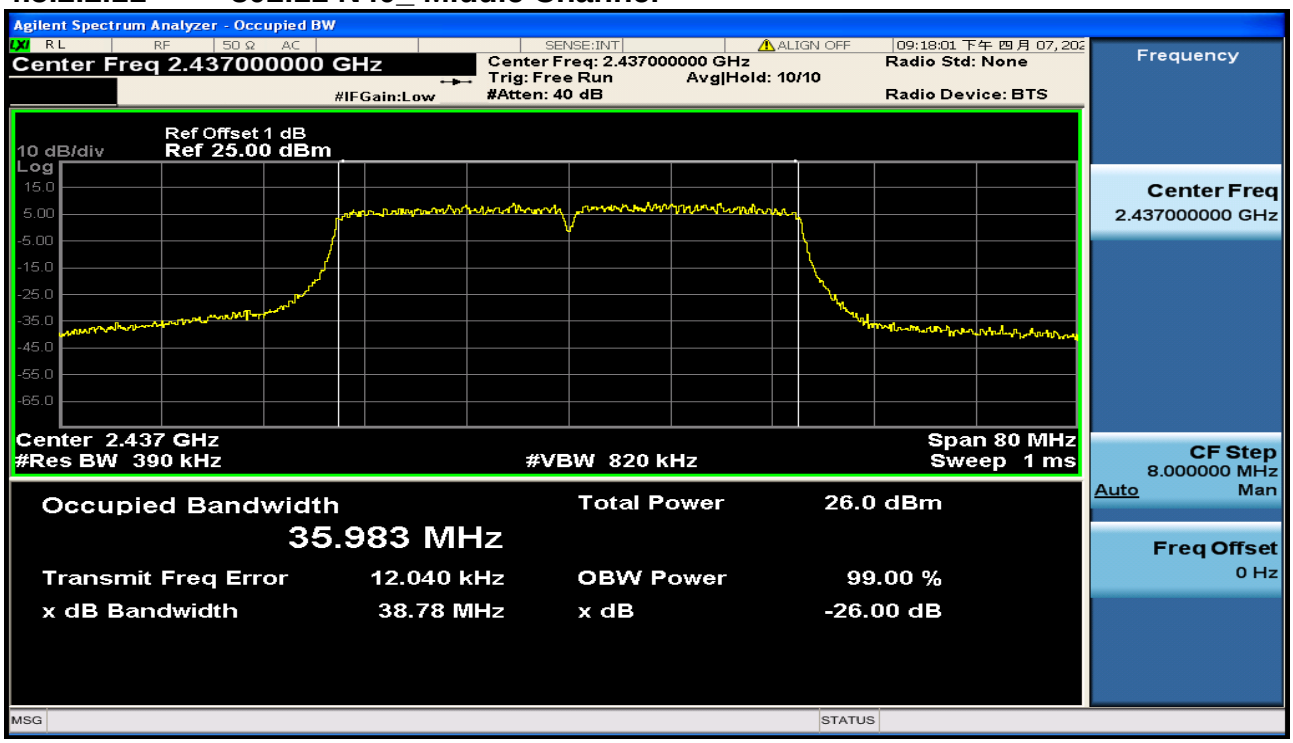
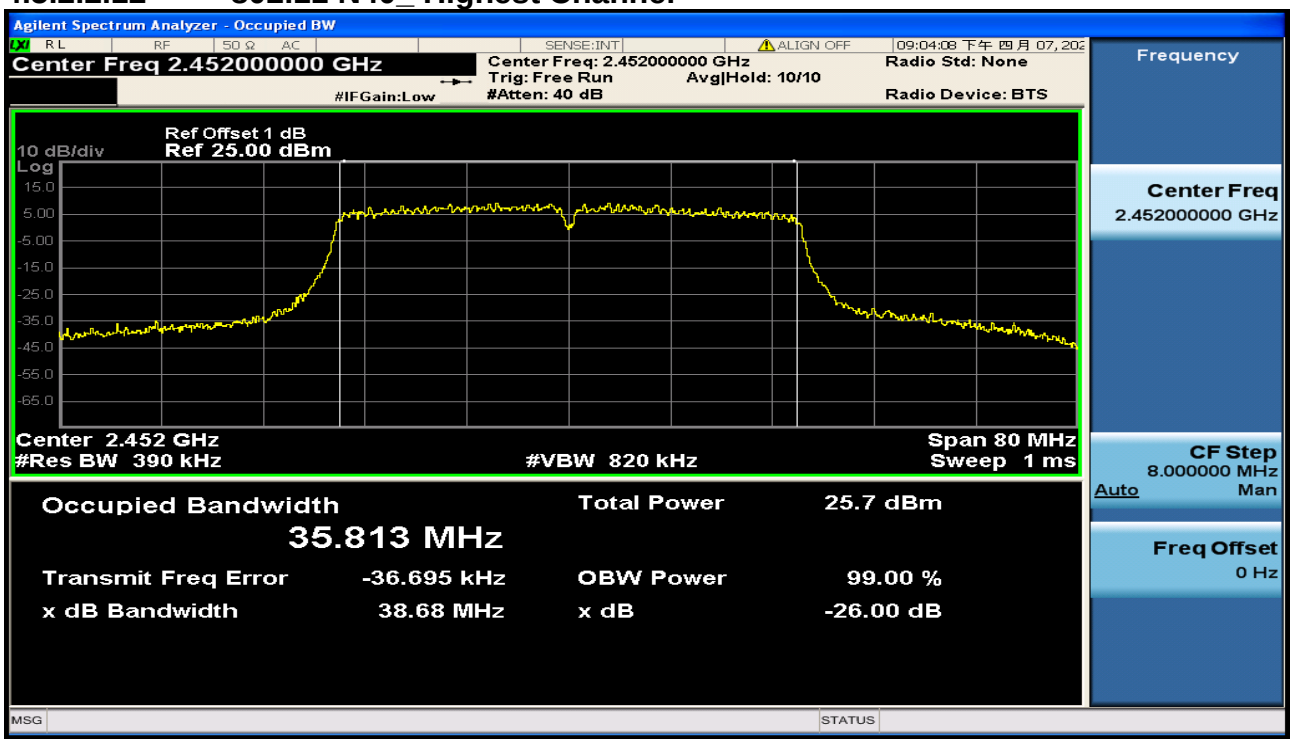
4.5.2.2.11 802.11 N40_ Middle Channel



4.5.2.2.12 802.11 N40_ Highest Channel



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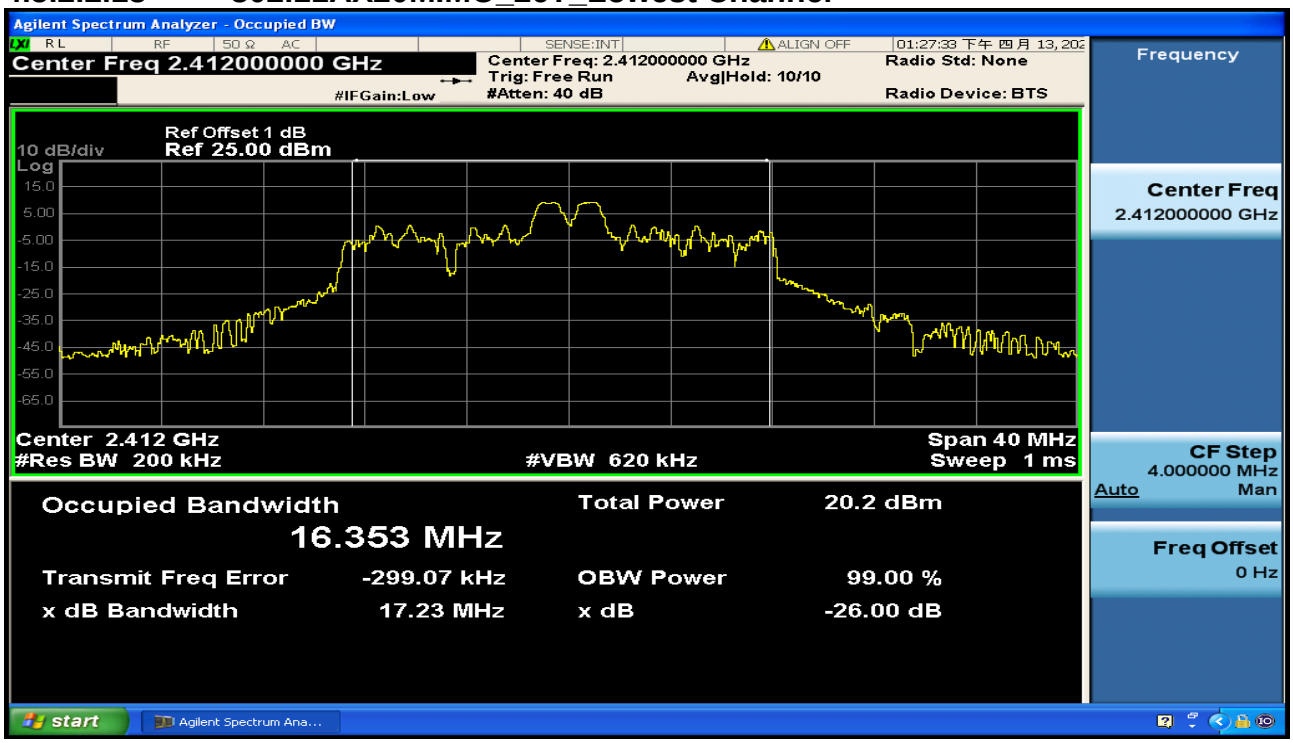
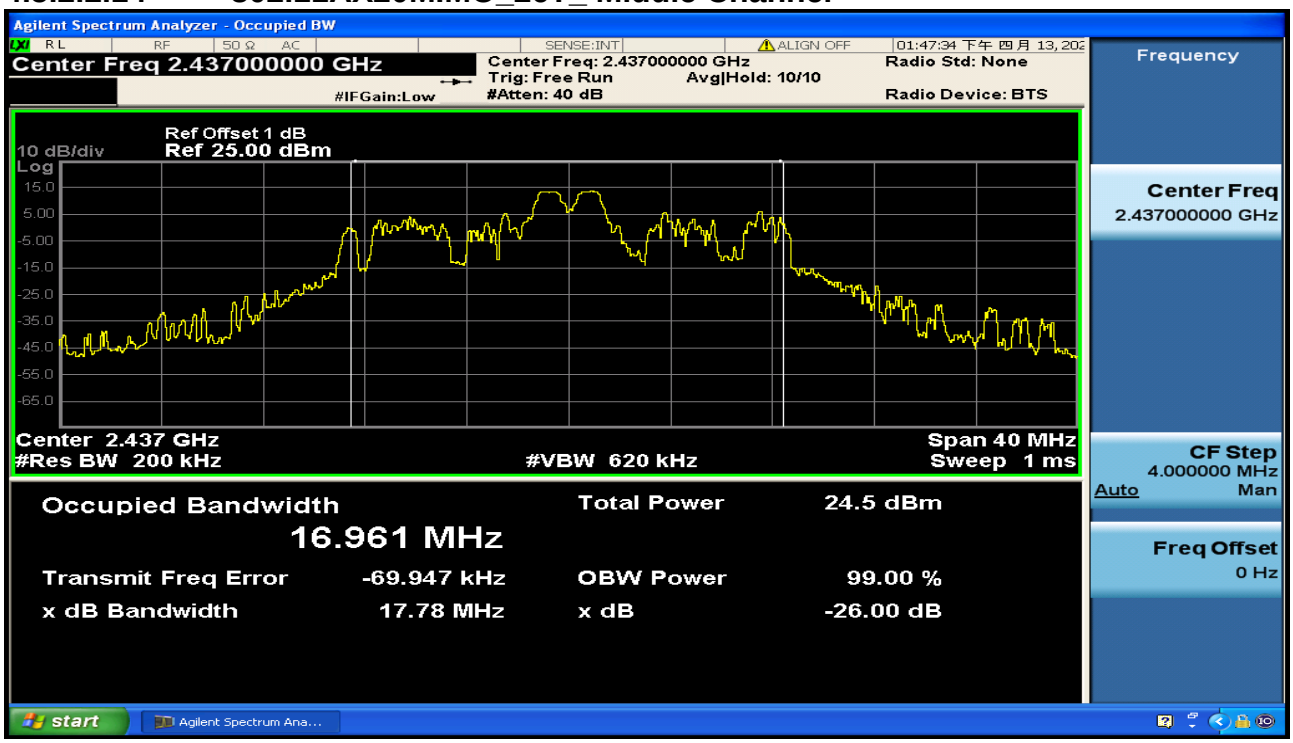
4.5.2.2.13 802.11AX20MIMO_26T_Lowest Channel



4.5.2.2.14 802.11AX20MIMO_26T_ Middle Channel



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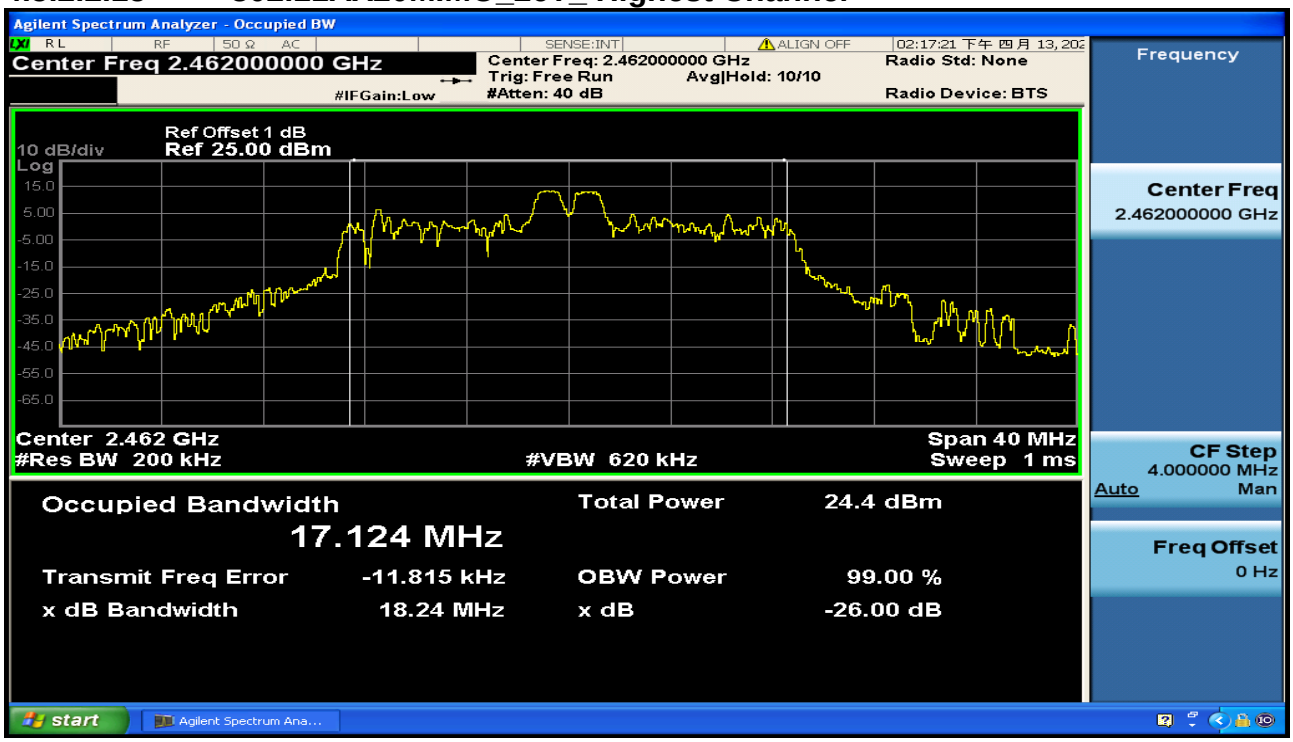
4.5.2.2.15 802.11AX20MIMO_26T_ Highest Channel



4.5.2.2.16 802.11AX20MIMO_52T_Lowest Channel

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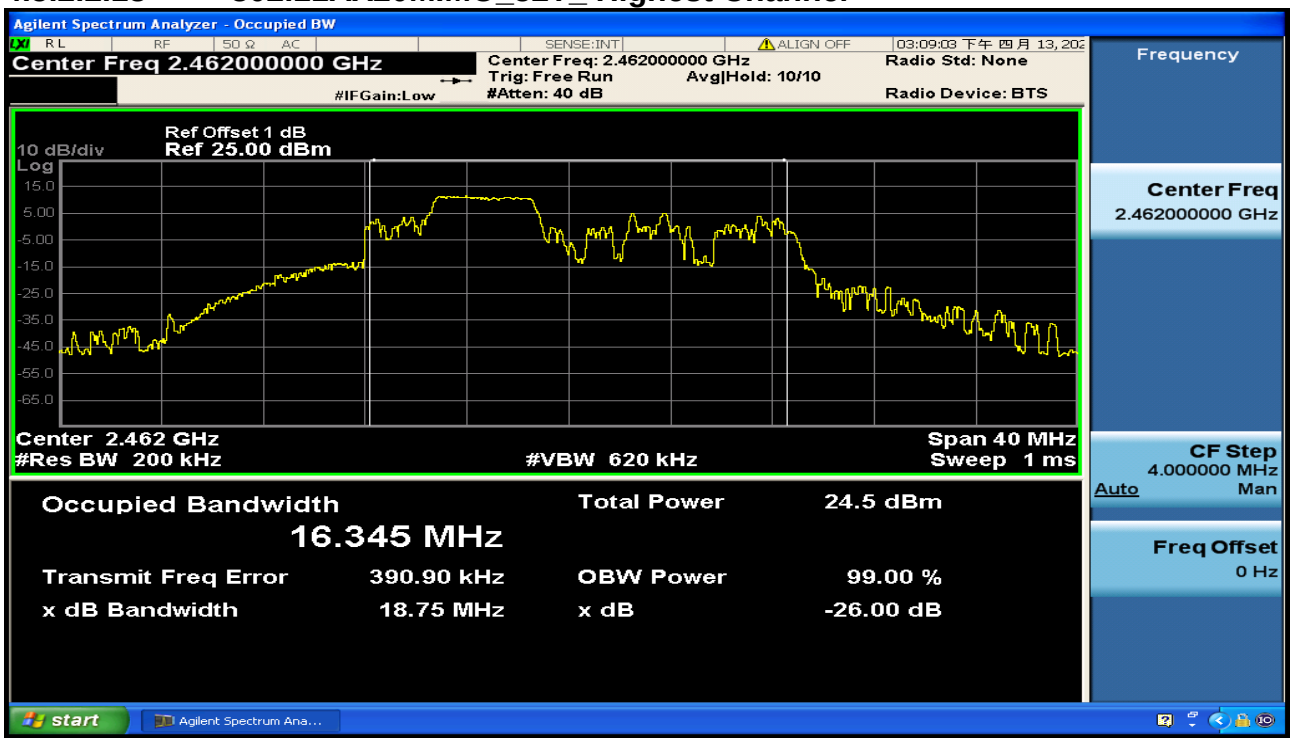
4.5.2.2.17 802.11AX20MIMO_52T_ Middle Channel

4.5.2.2.18 802.11AX20MIMO_52T_ Highest Channel



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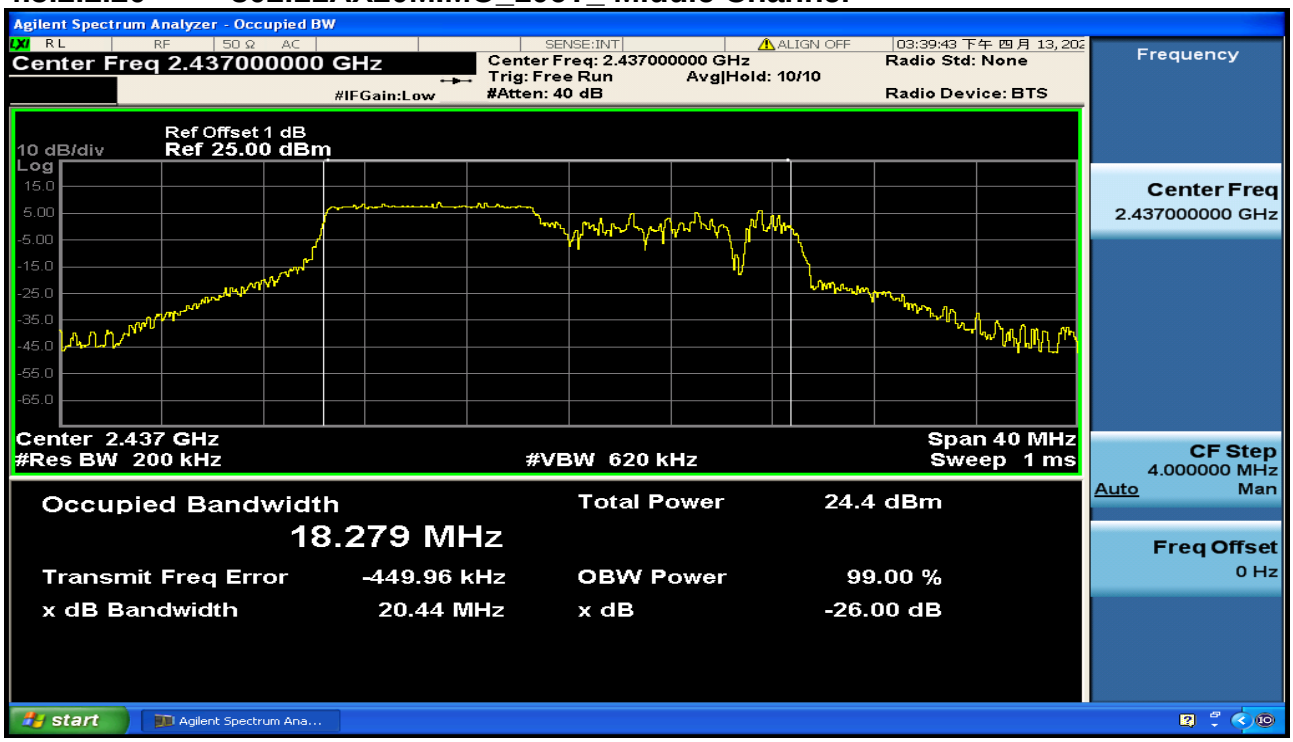
4.5.2.2.19 802.11AX20MIMO_106T_Lowest Channel

4.5.2.2.20 802.11AX20MIMO_106T_ Middle Channel



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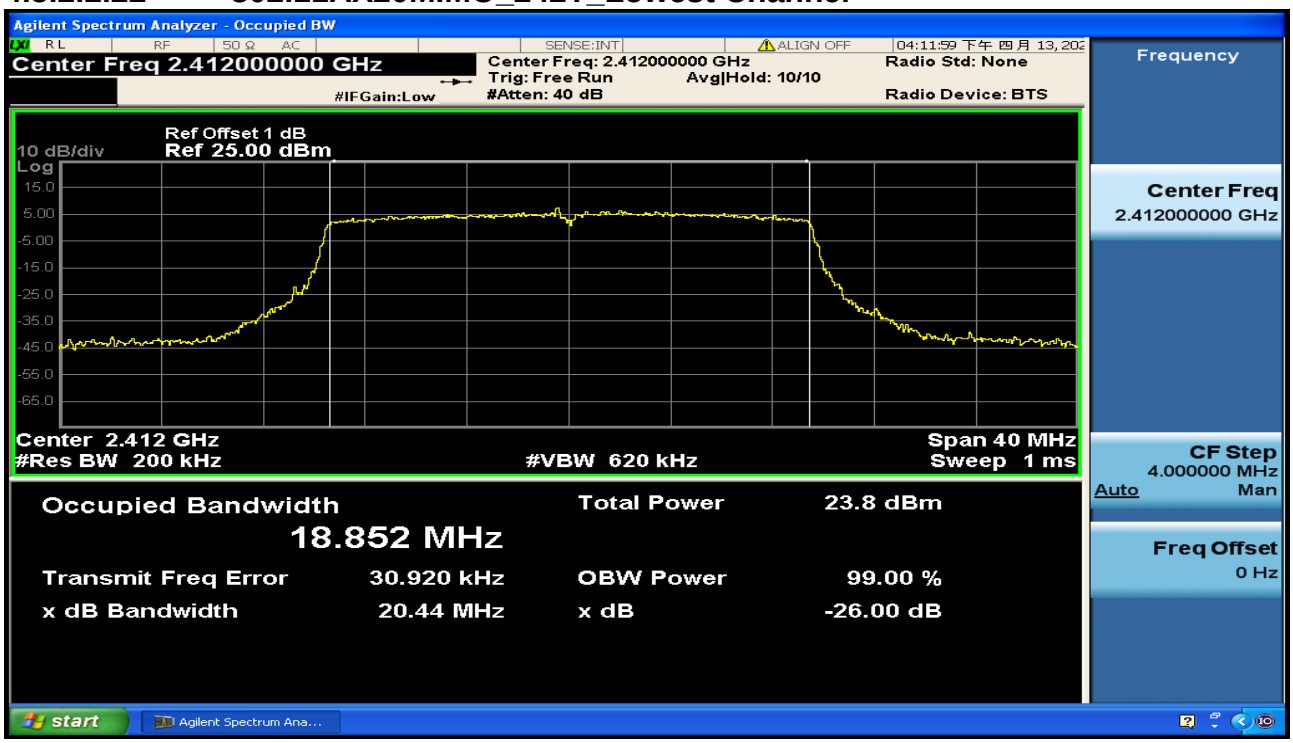
4.5.2.2.21 802.11AX20MIMO_106T_ Highest Channel

4.5.2.2.22 802.11AX20MIMO_242T_Lowest Channel



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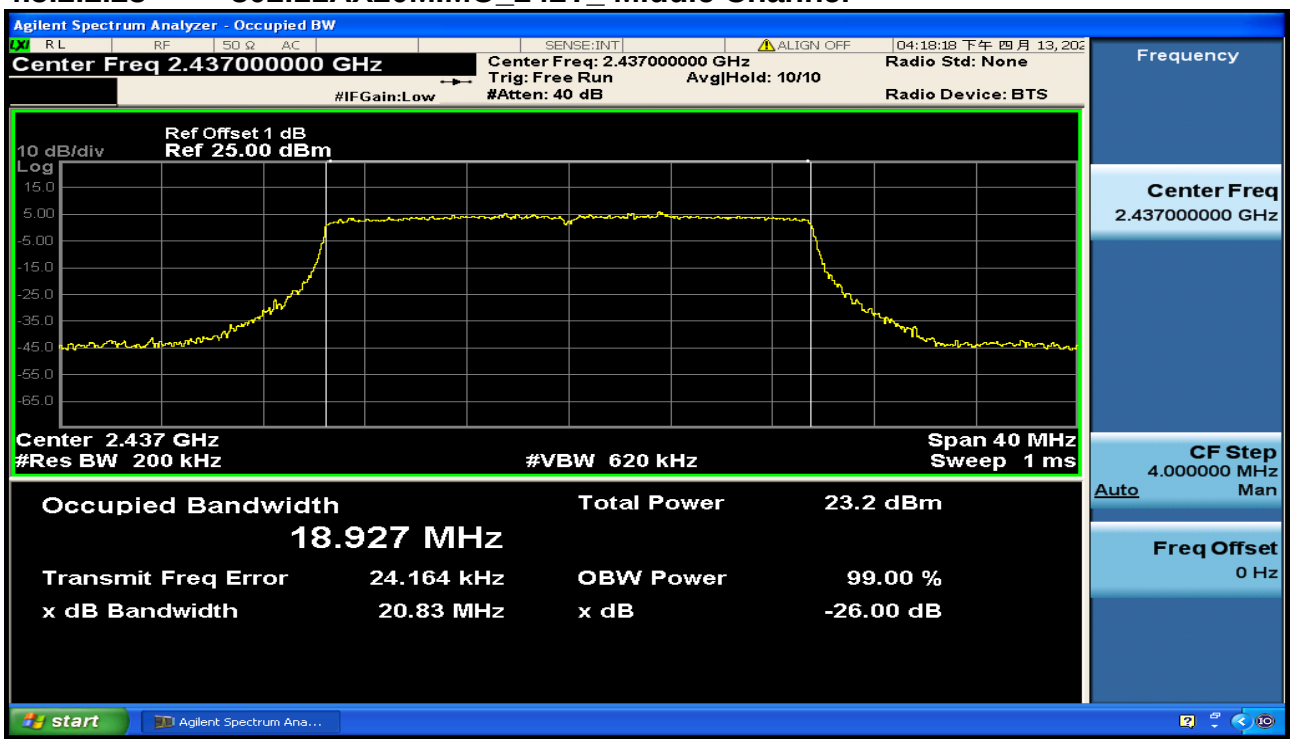
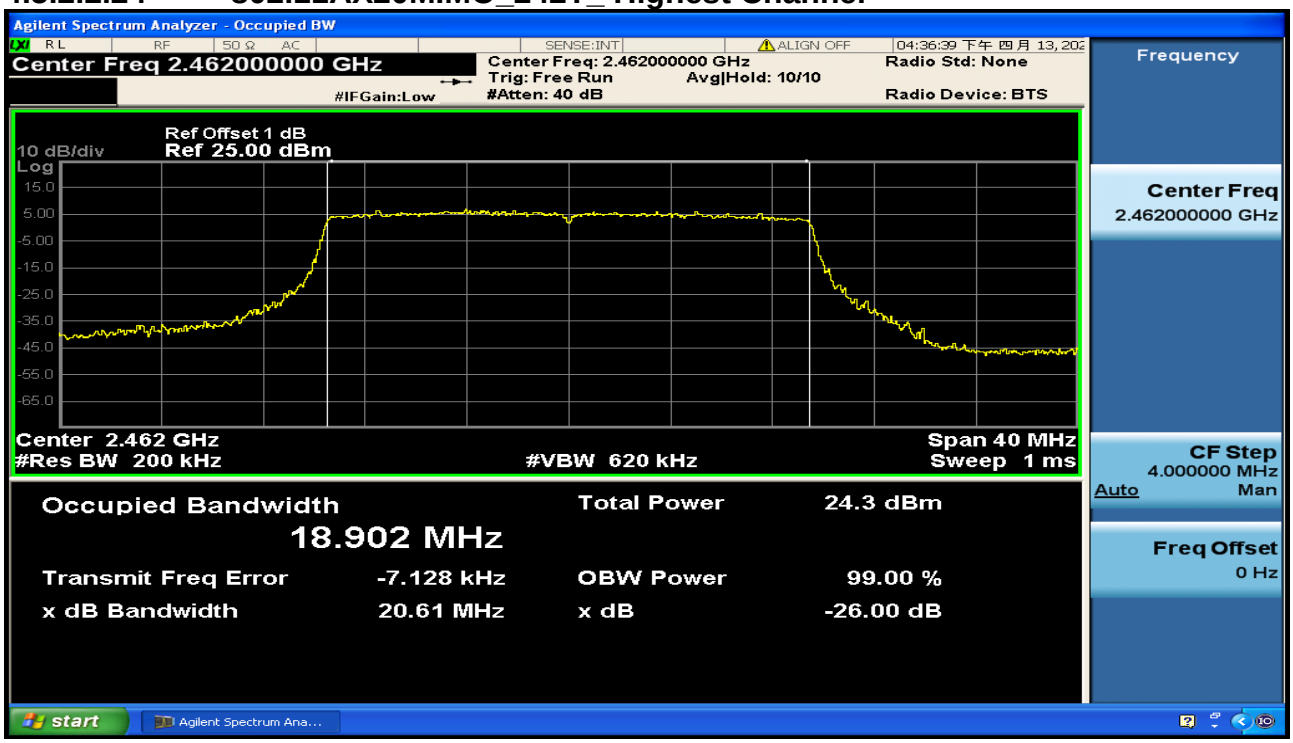
4.5.2.2.23 802.11AX20MIMO_242T_ Middle Channel



4.5.2.2.24 802.11AX20MIMO_242T_ Highest Channel



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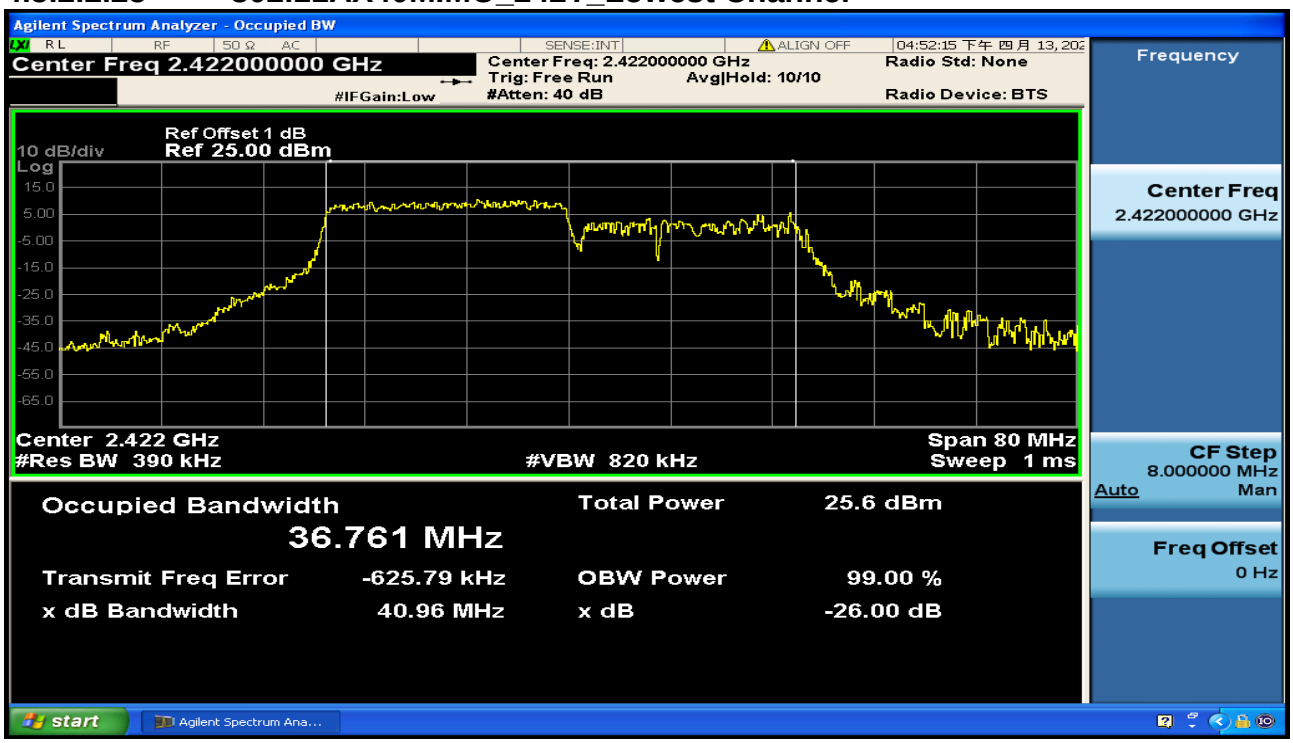
4.5.2.2.25 802.11AX40MIMO_242T_Lowest Channel



4.5.2.2.26 802.11AX40MIMO_242T_ Middle Channel

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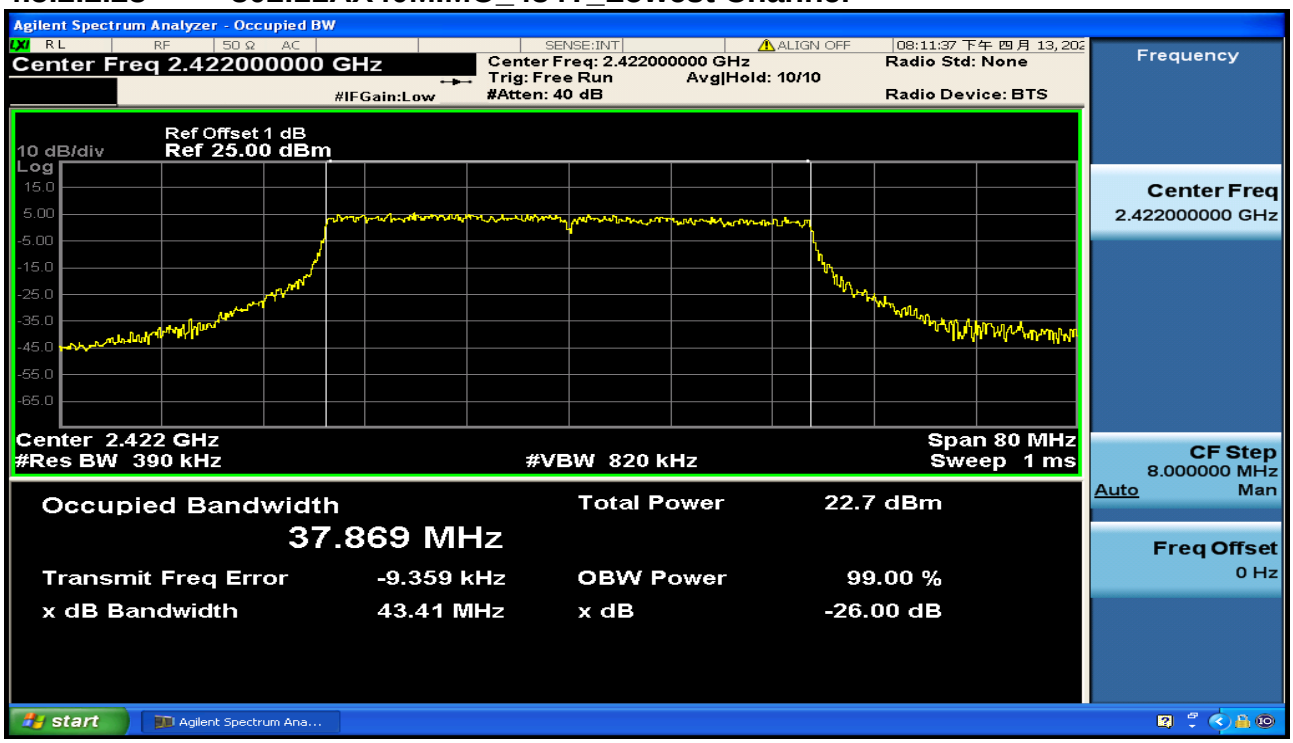
4.5.2.2.27 802.11AX40MIMO_242T_ Highest Channel

4.5.2.2.28 802.11AX40MIMO_484T_Lowest Channel



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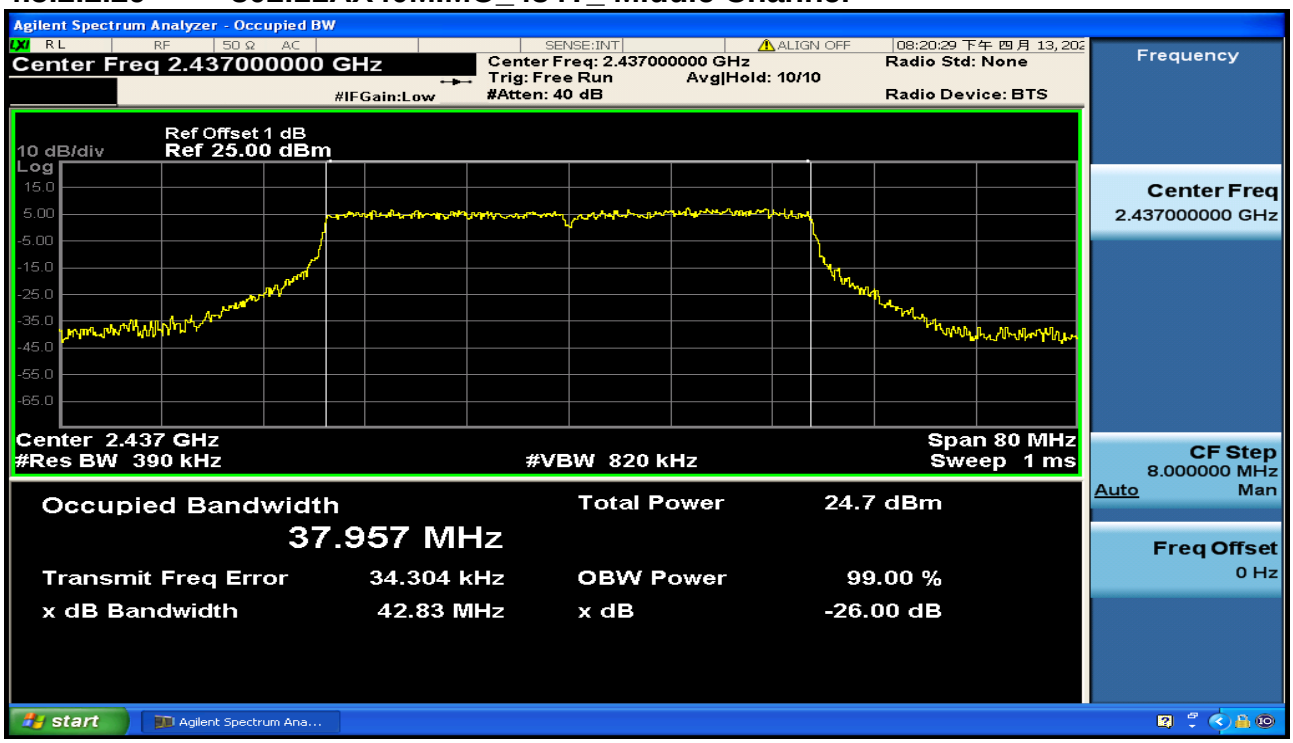
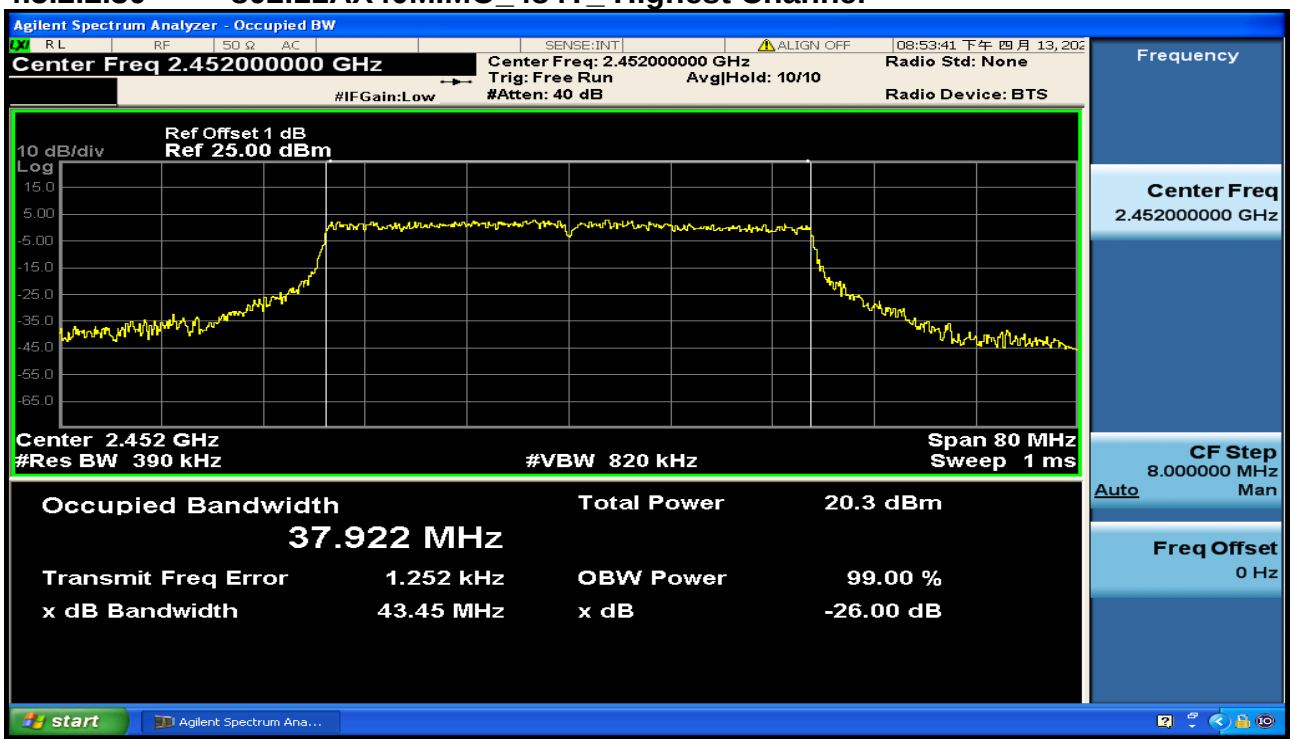
4.5.2.2.29 802.11AX40MIMO_484T_ Middle Channel



4.5.2.2.30 802.11AX40MIMO_484T_ Highest Channel



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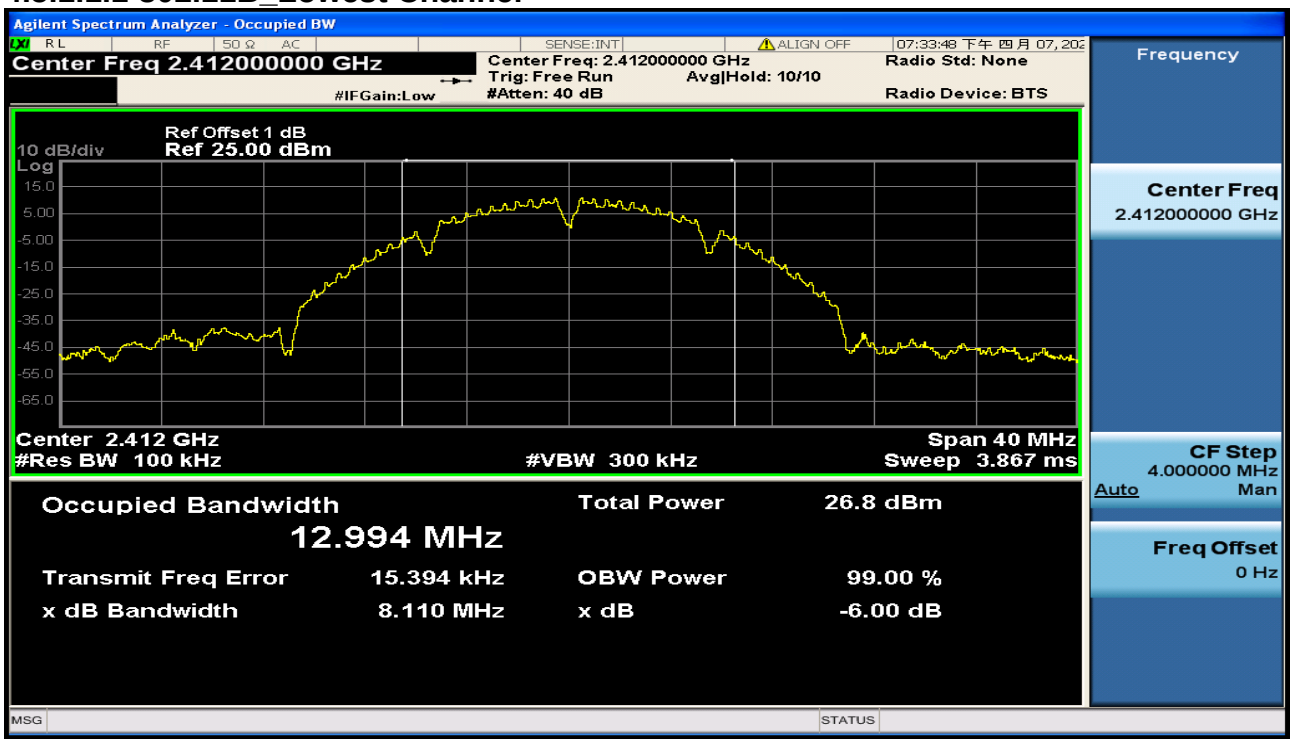
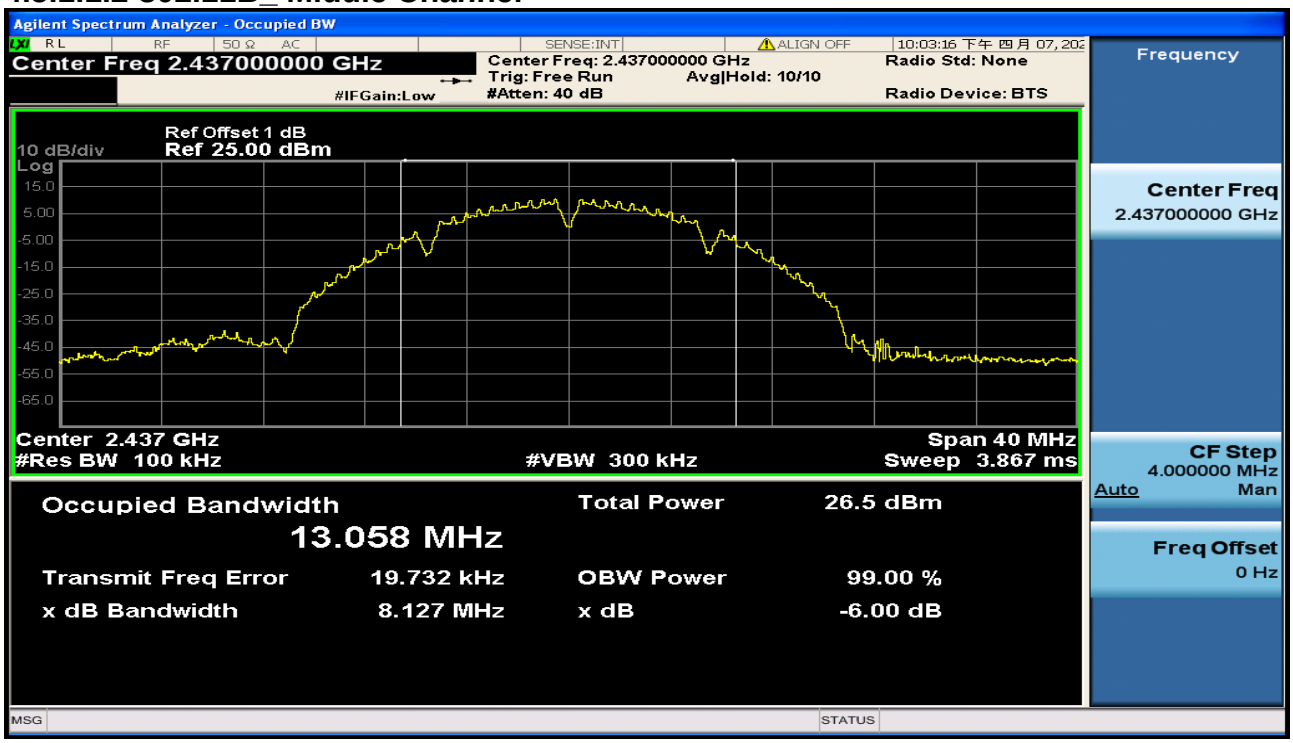
4.5.1 Test plots For 6dB Emission Bandwidth

4.5.1.1 CDD & MIMO_ANT1

4.5.1.1.1 802.11B_Lowest Channel



4.5.1.1.2 802.11B_ Middle Channel



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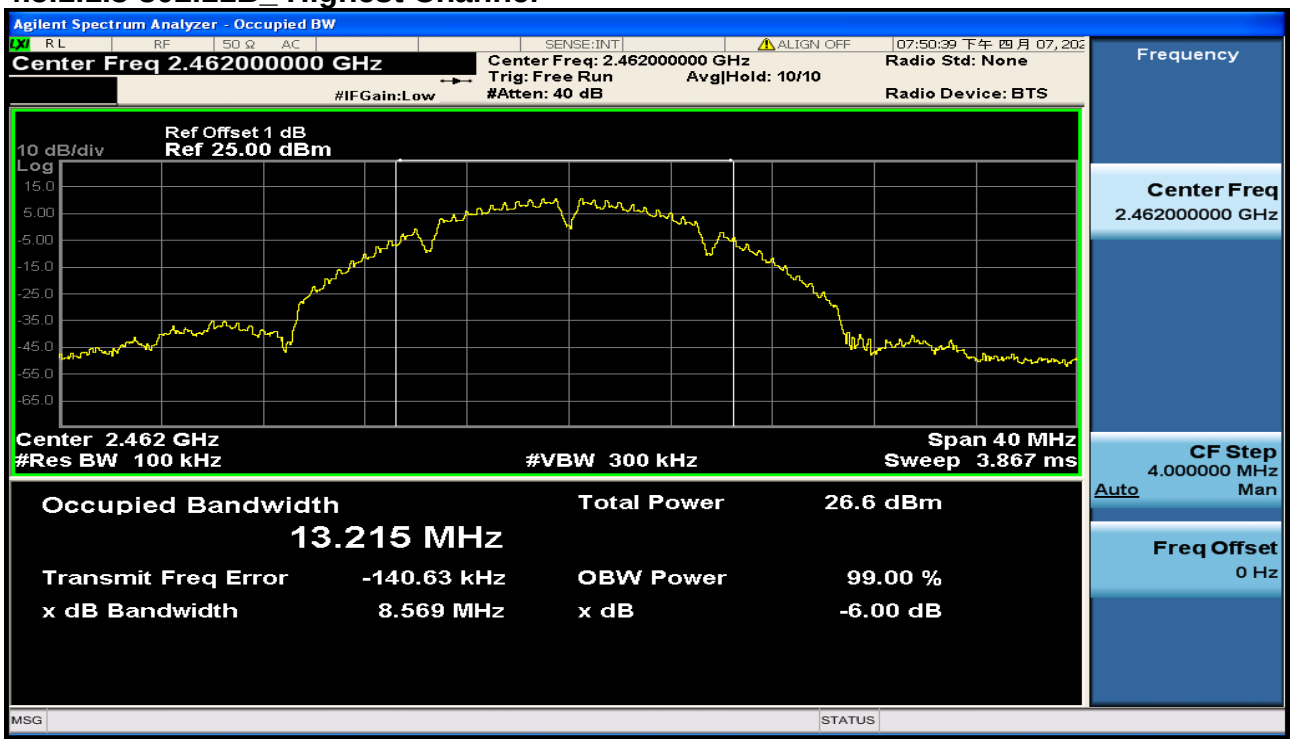
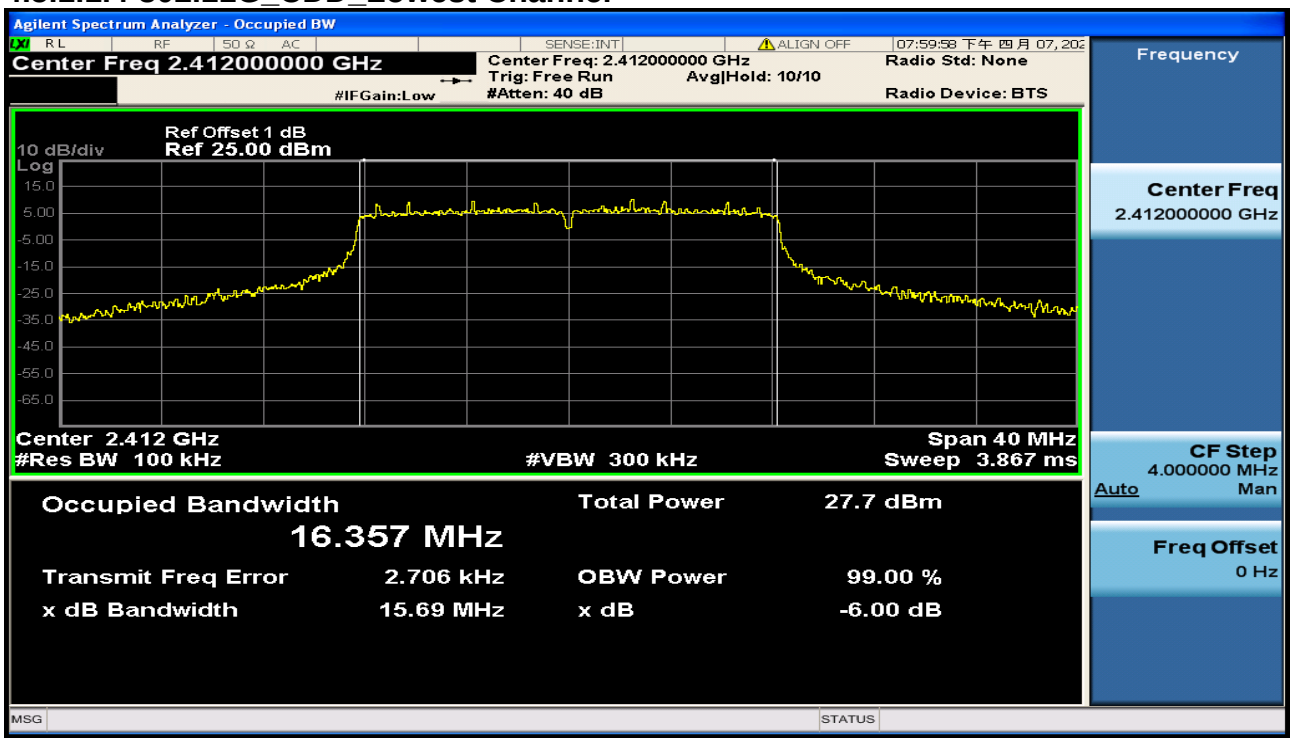
4.5.1.1.3 802.11B_ Highest Channel



4.5.1.1.4 802.11G_CDD_Lowest Channel



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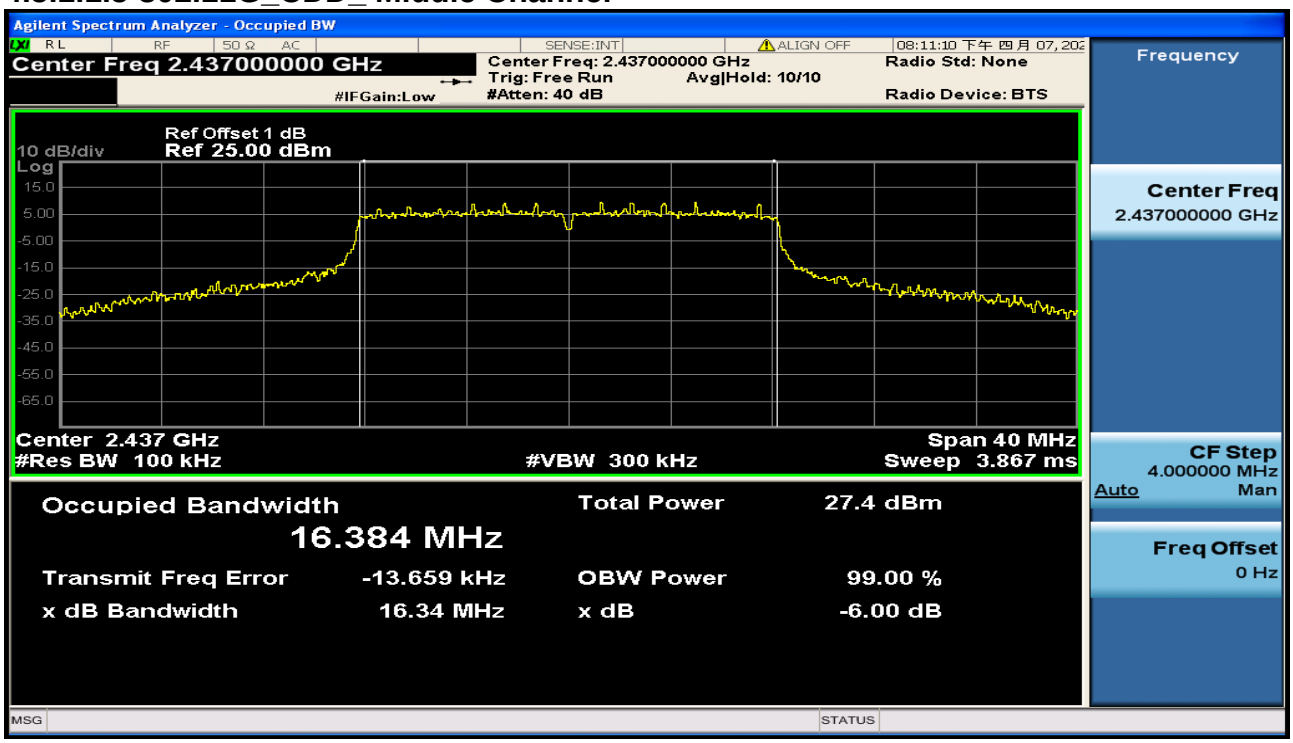
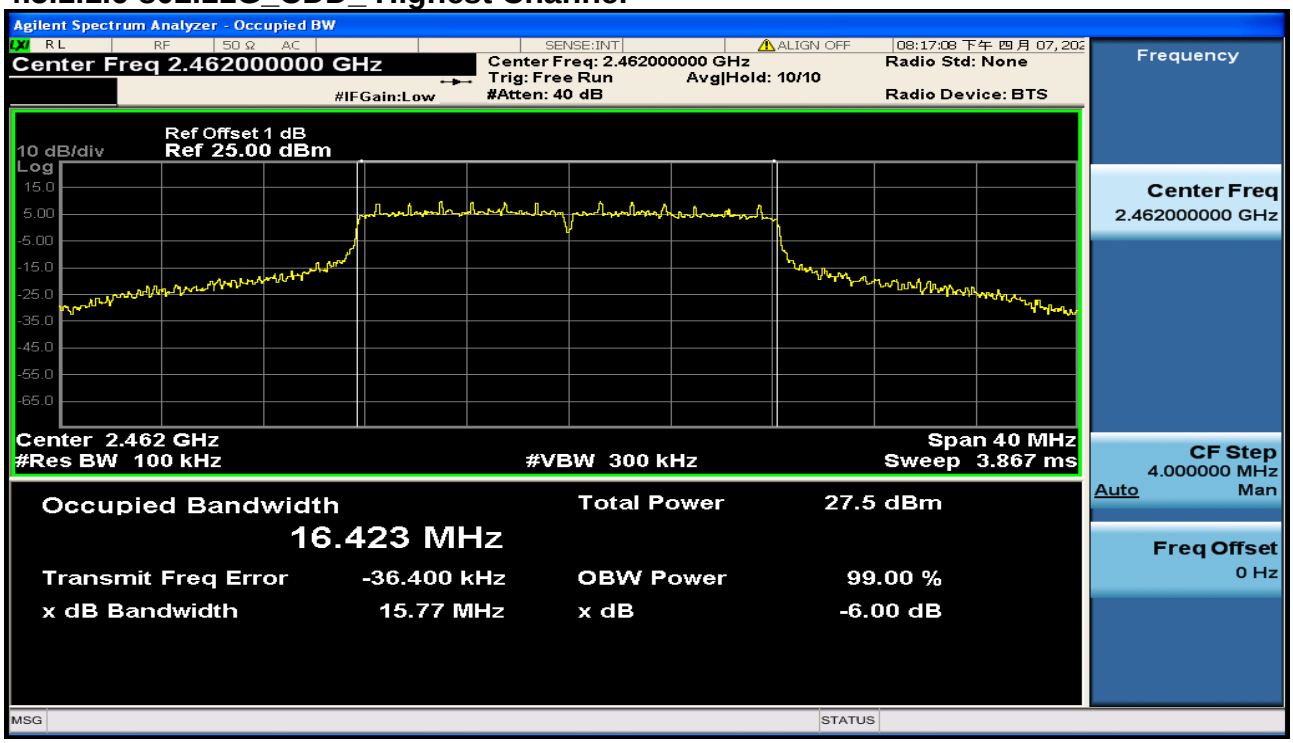
4.5.1.1.5 802.11G_CDD_ Middle Channel



4.5.1.1.6 802.11G_CDD_ Highest Channel



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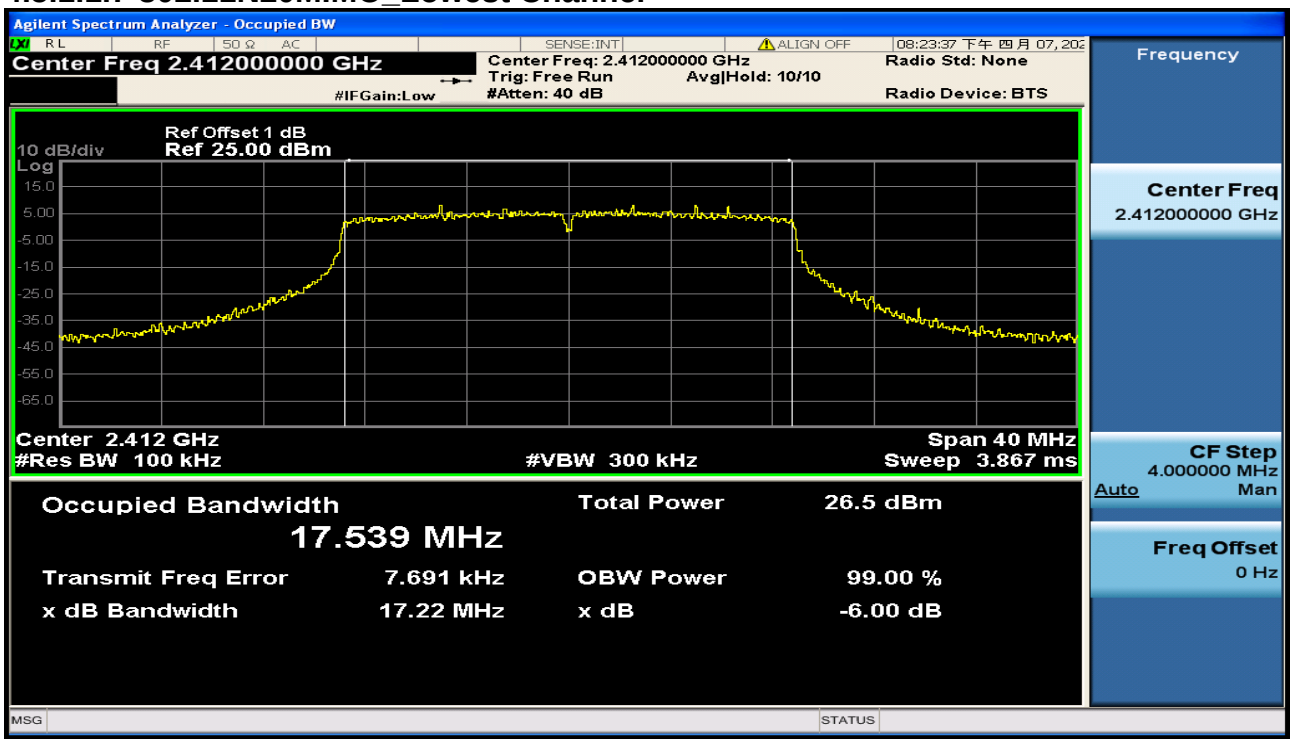
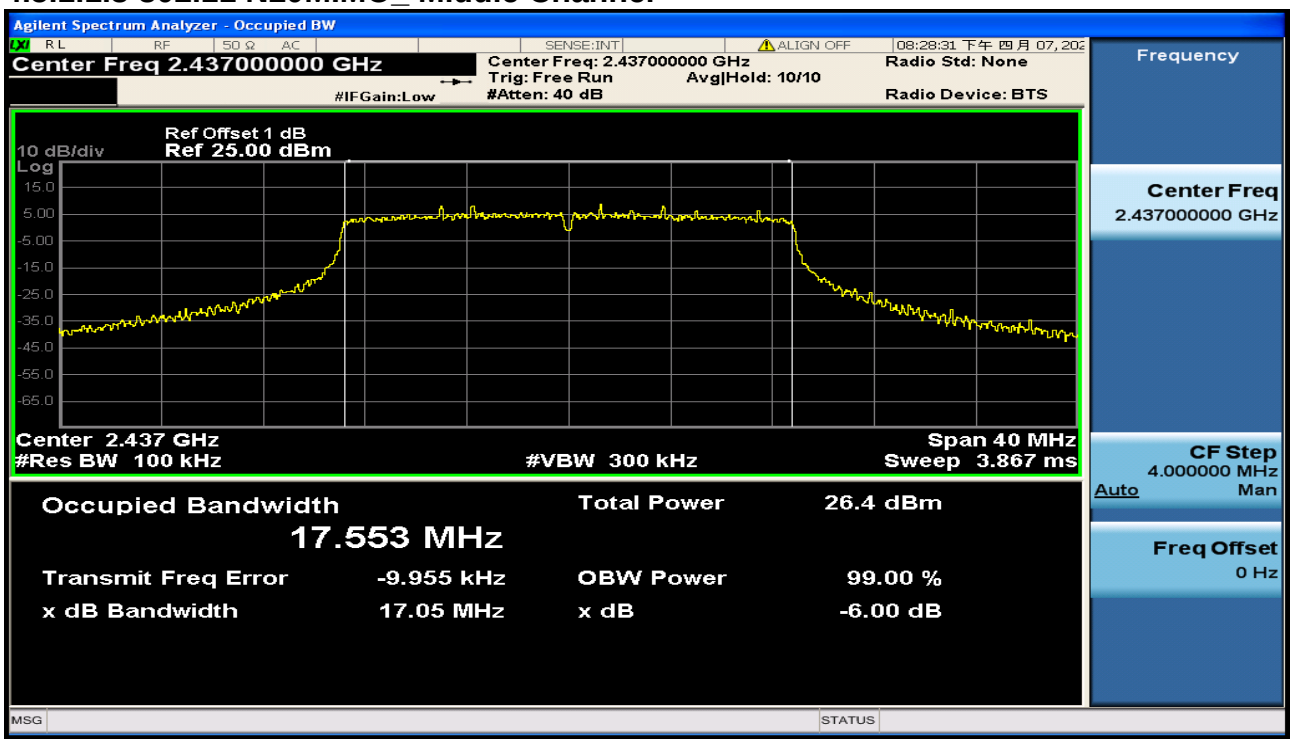
4.5.1.1.7 802.11N20MIMO_Lowest Channel



4.5.1.1.8 802.11 N20MIMO_ Middle Channel



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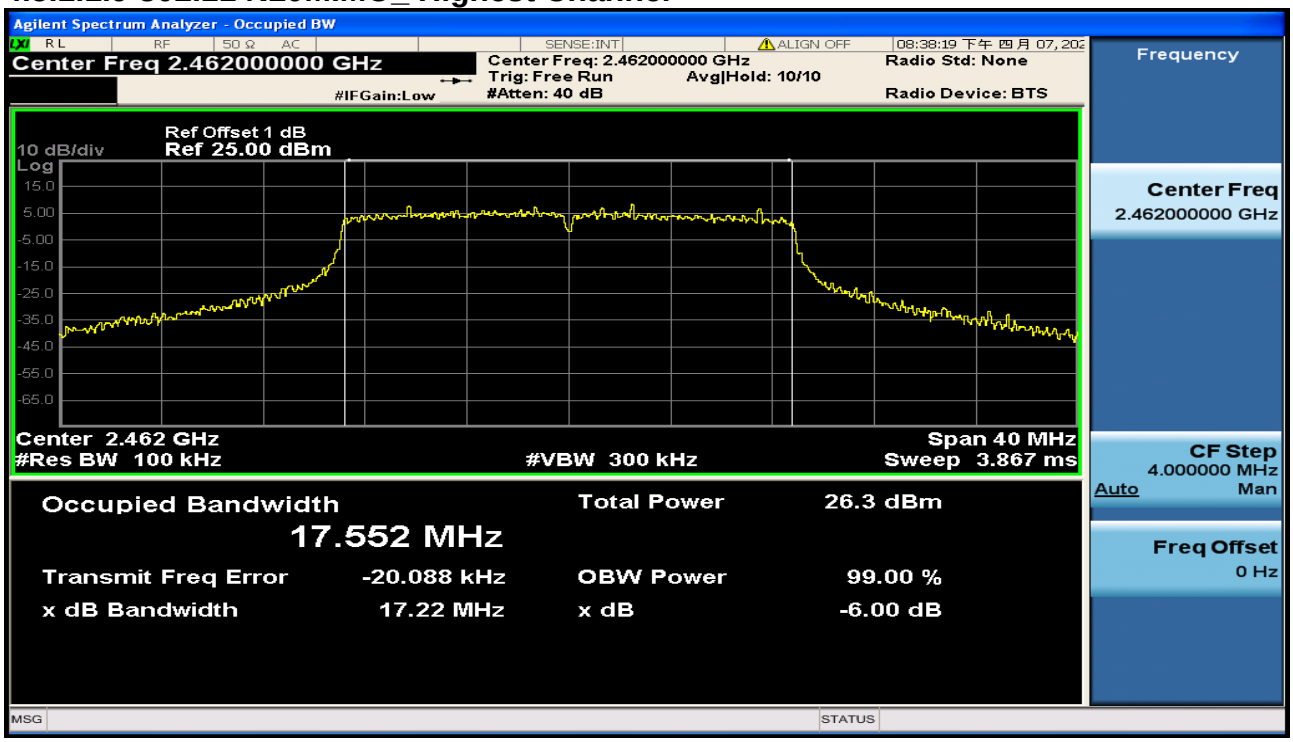
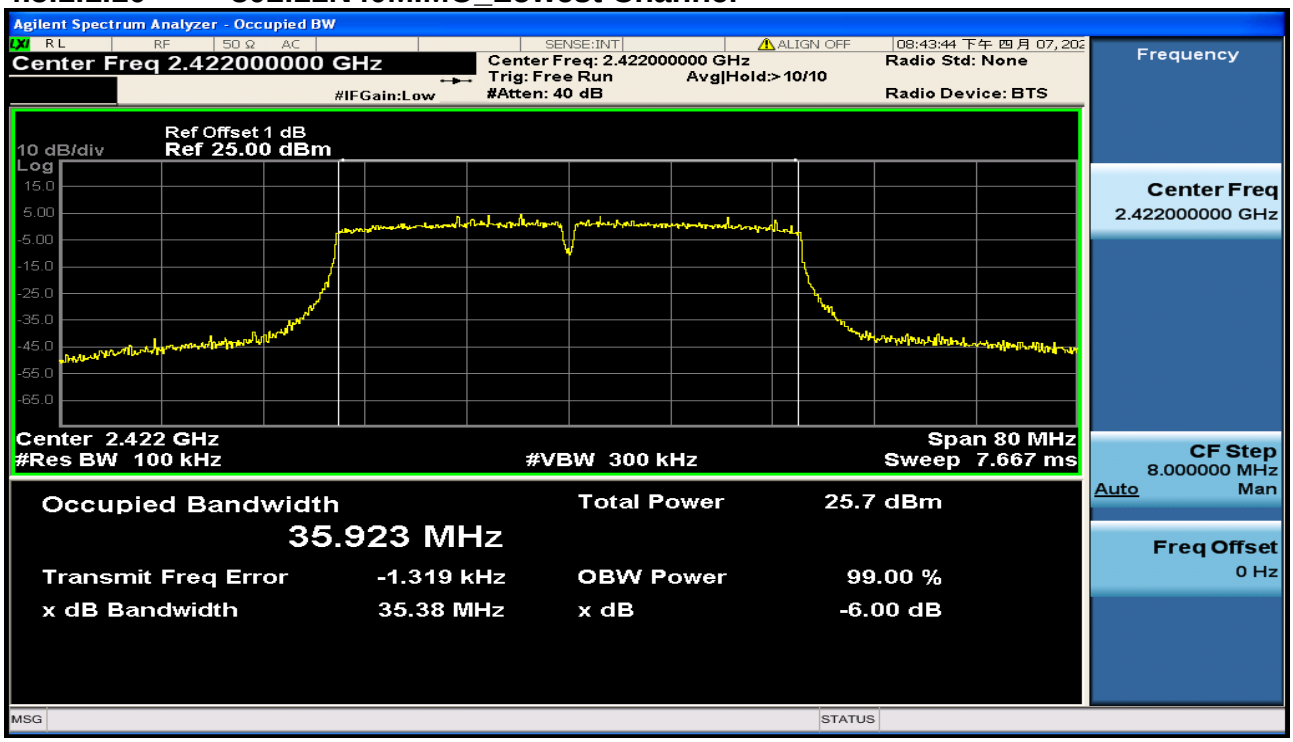
4.5.1.1.9 802.11 N20MIMO_ Highest Channel



4.5.1.1.10 802.11N40MIMO_Lowest Channel



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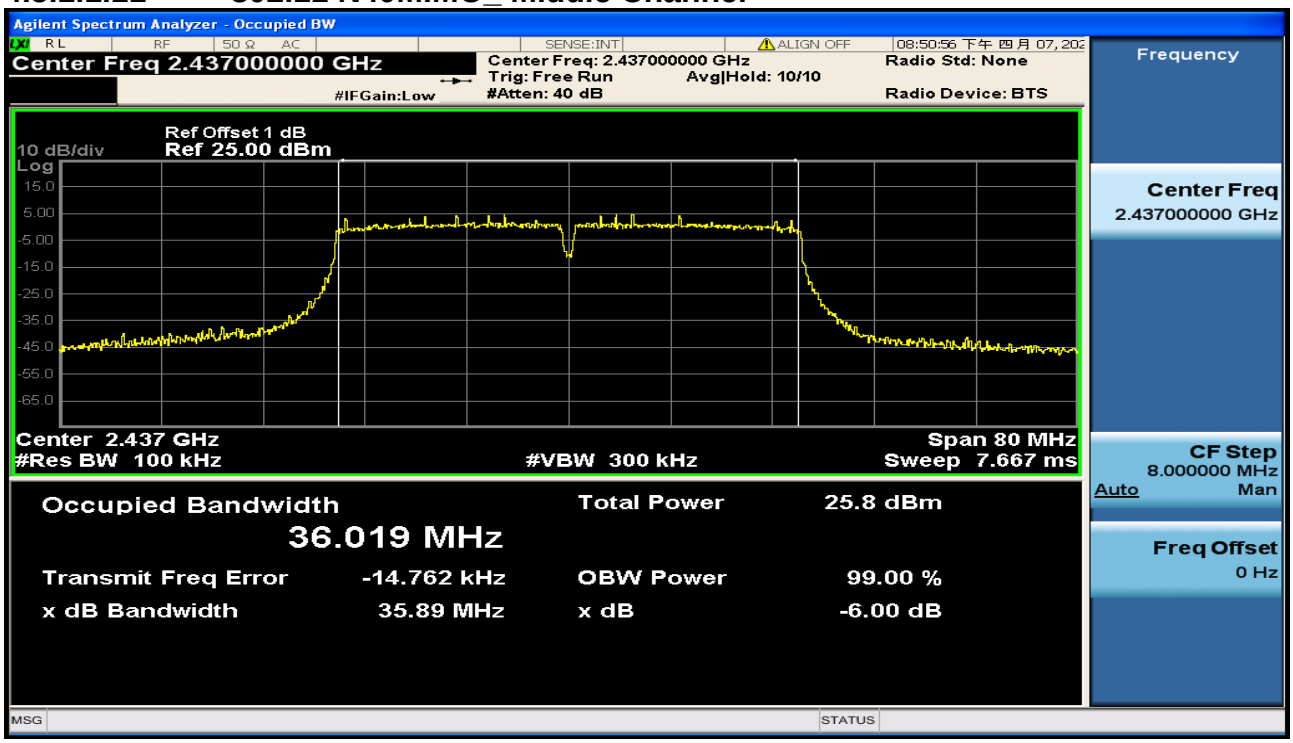
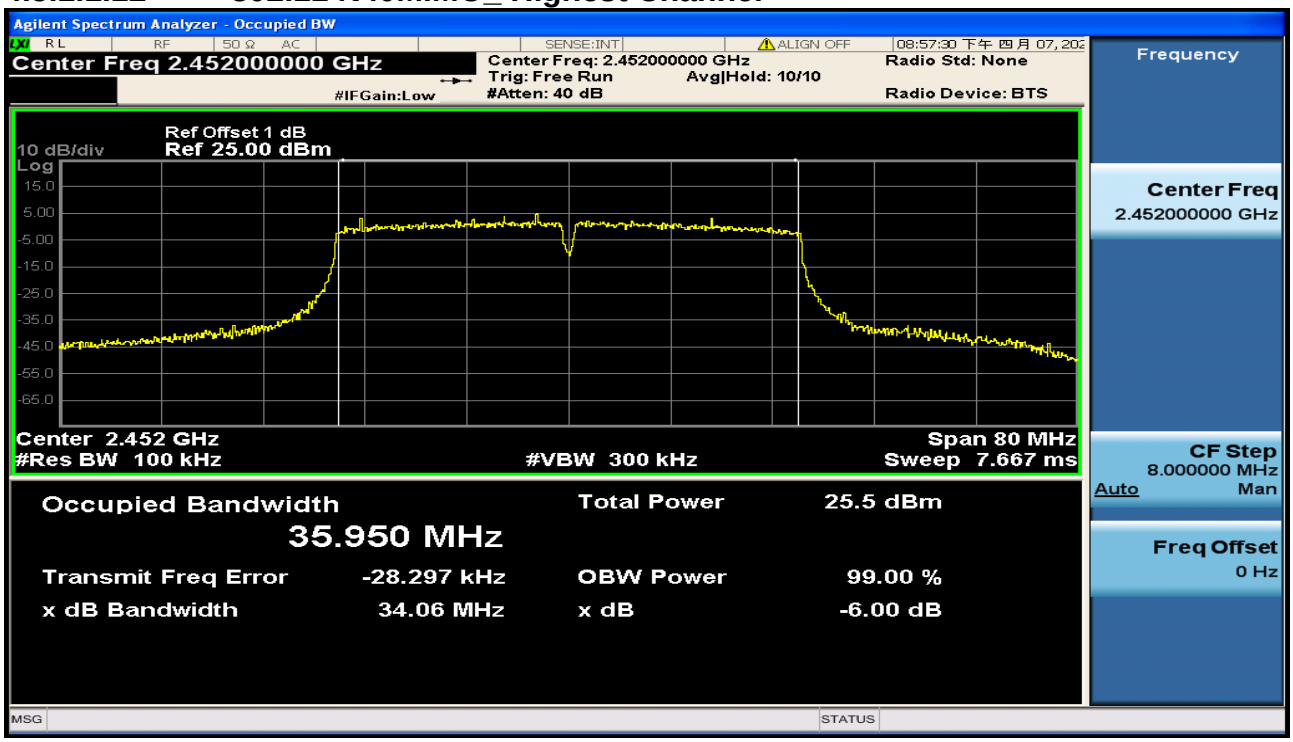
4.5.1.1.11 802.11 N40MIMO_ Middle Channel



4.5.1.1.12 802.11 N40MIMO_ Highest Channel



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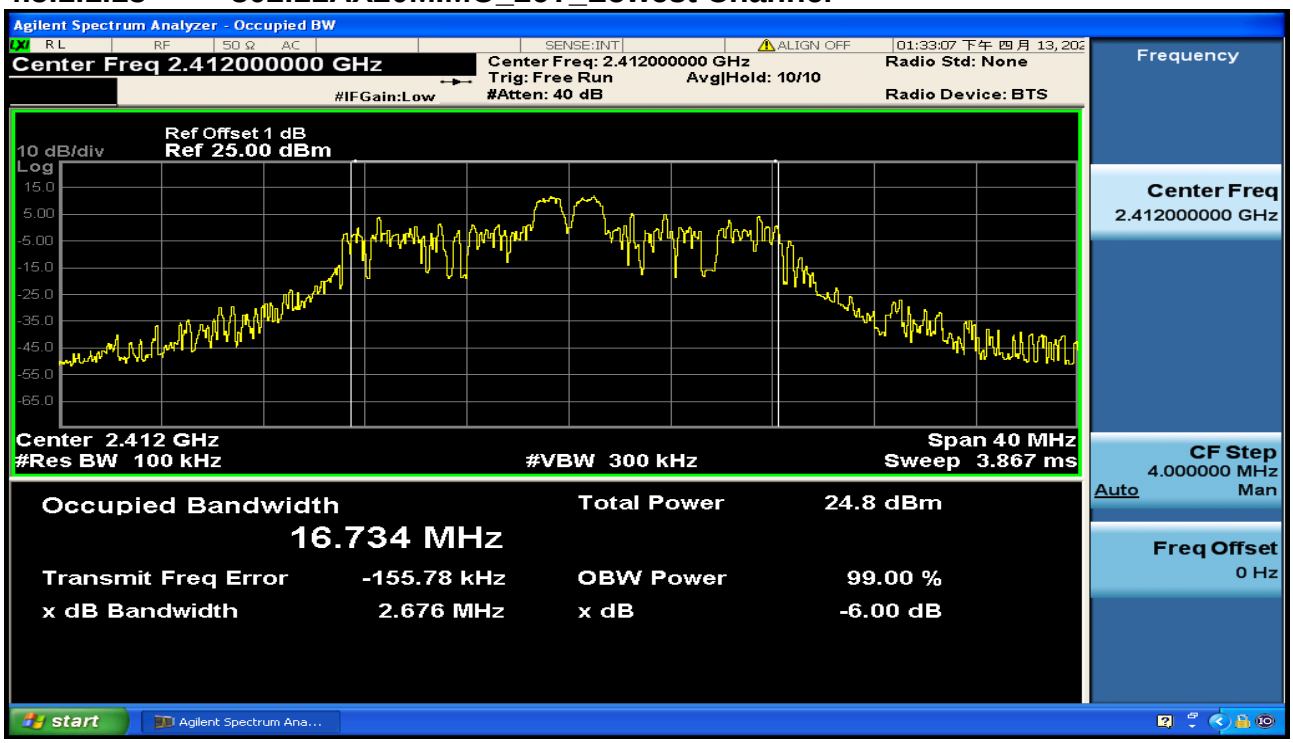
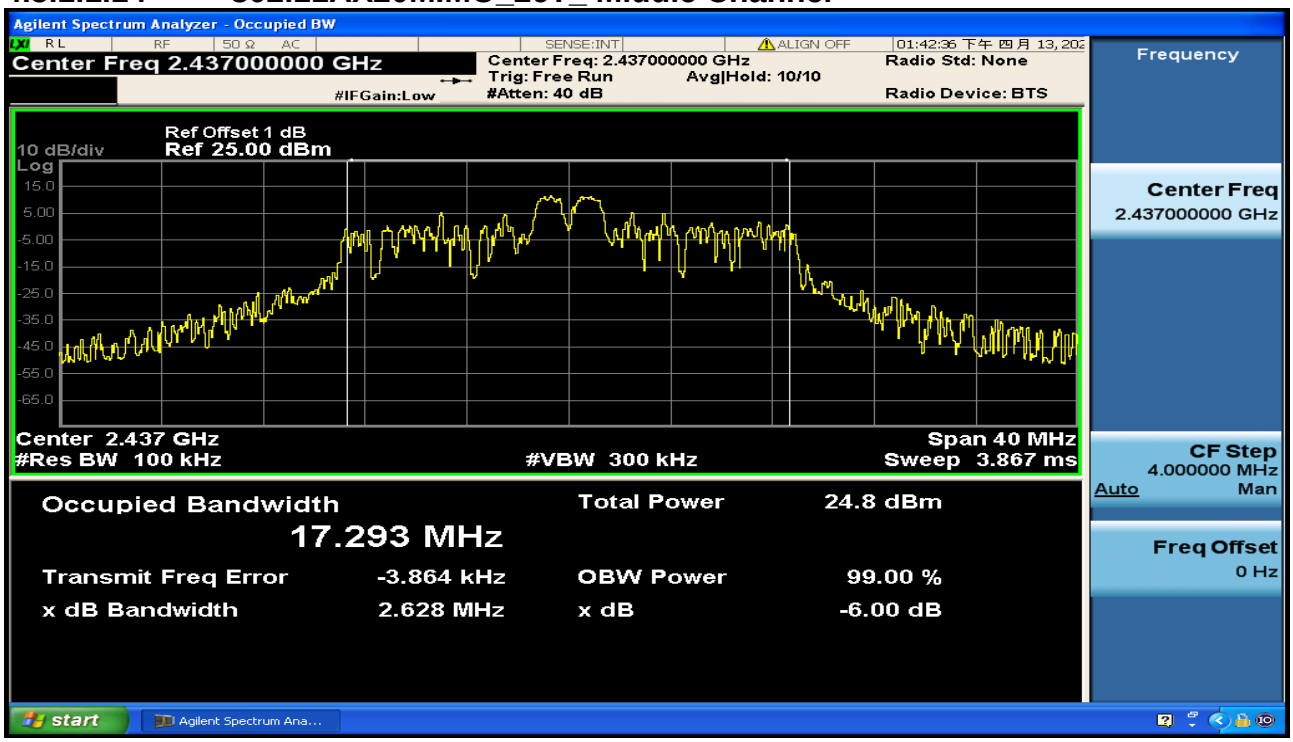
4.5.1.1.13 802.11AX20MIMO_26T_Lowest Channel



4.5.1.1.14 802.11AX20MIMO_26T_ Middle Channel



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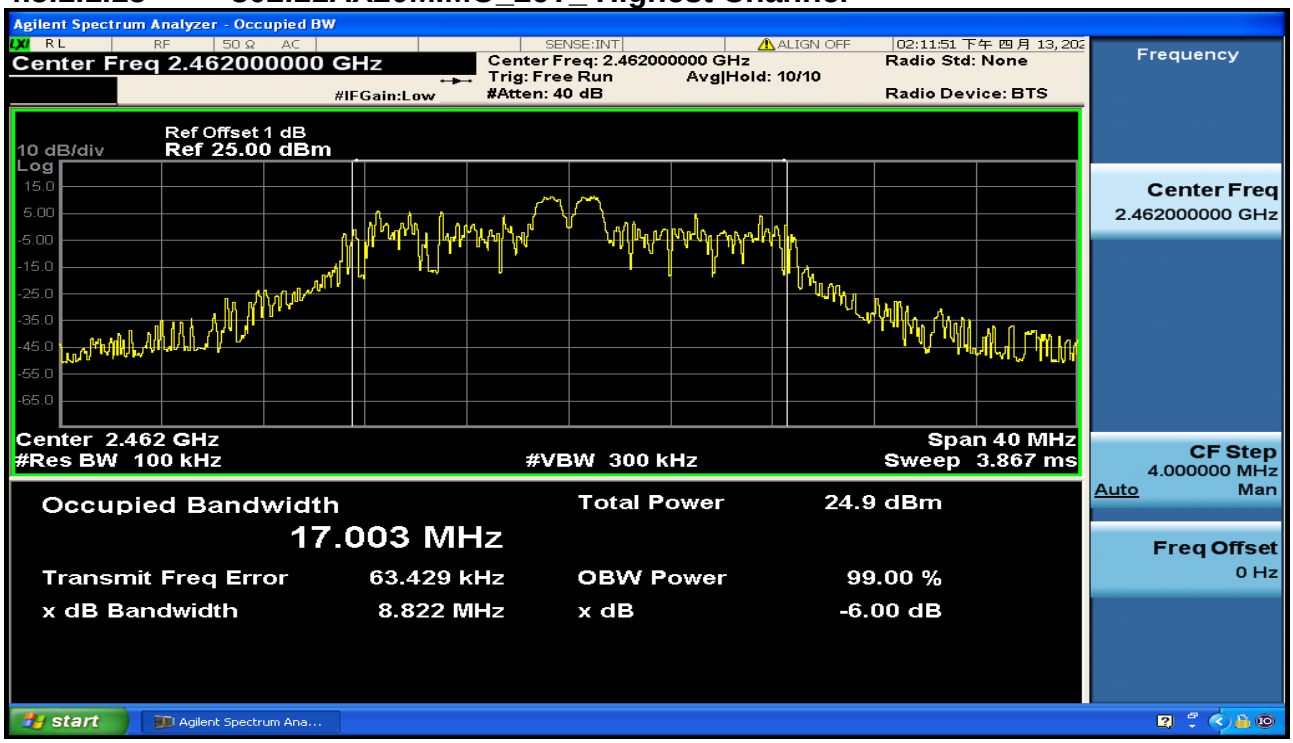
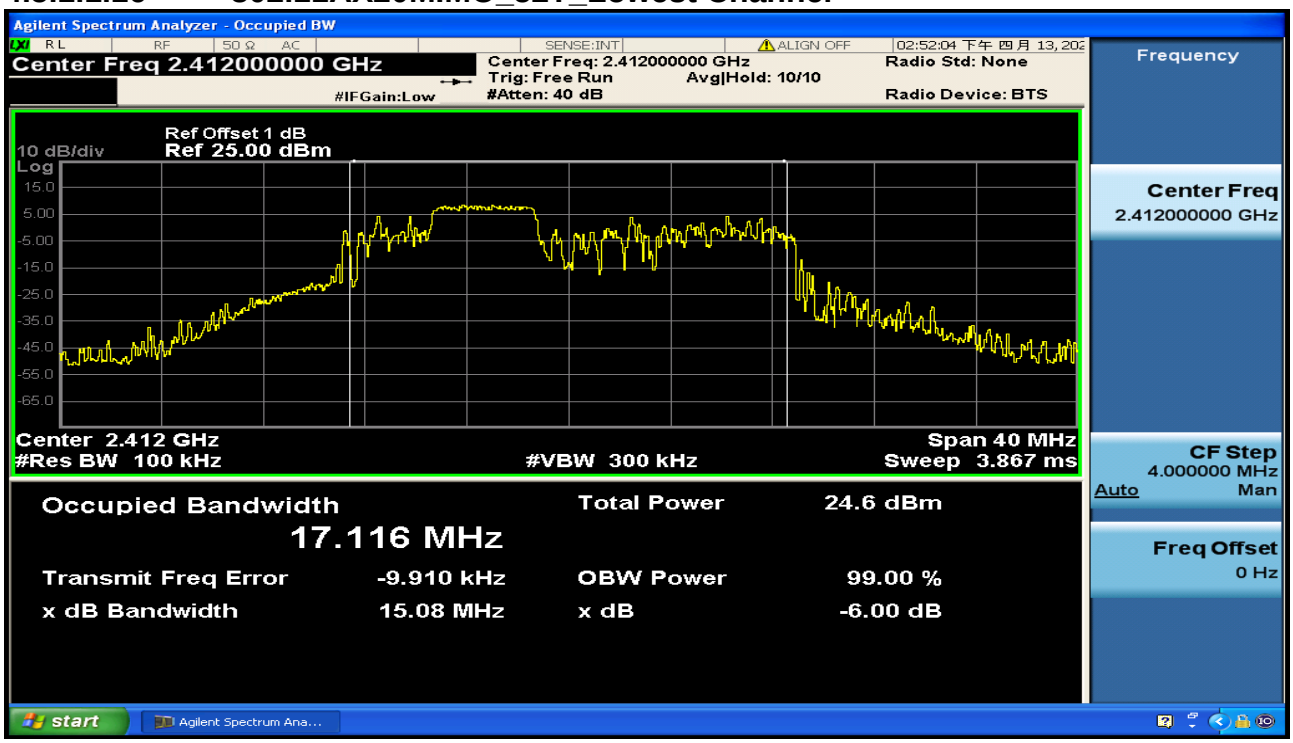
4.5.1.1.15 802.11AX20MIMO_26T_ Highest Channel



4.5.1.1.16 802.11AX20MIMO_52T_Lowest Channel



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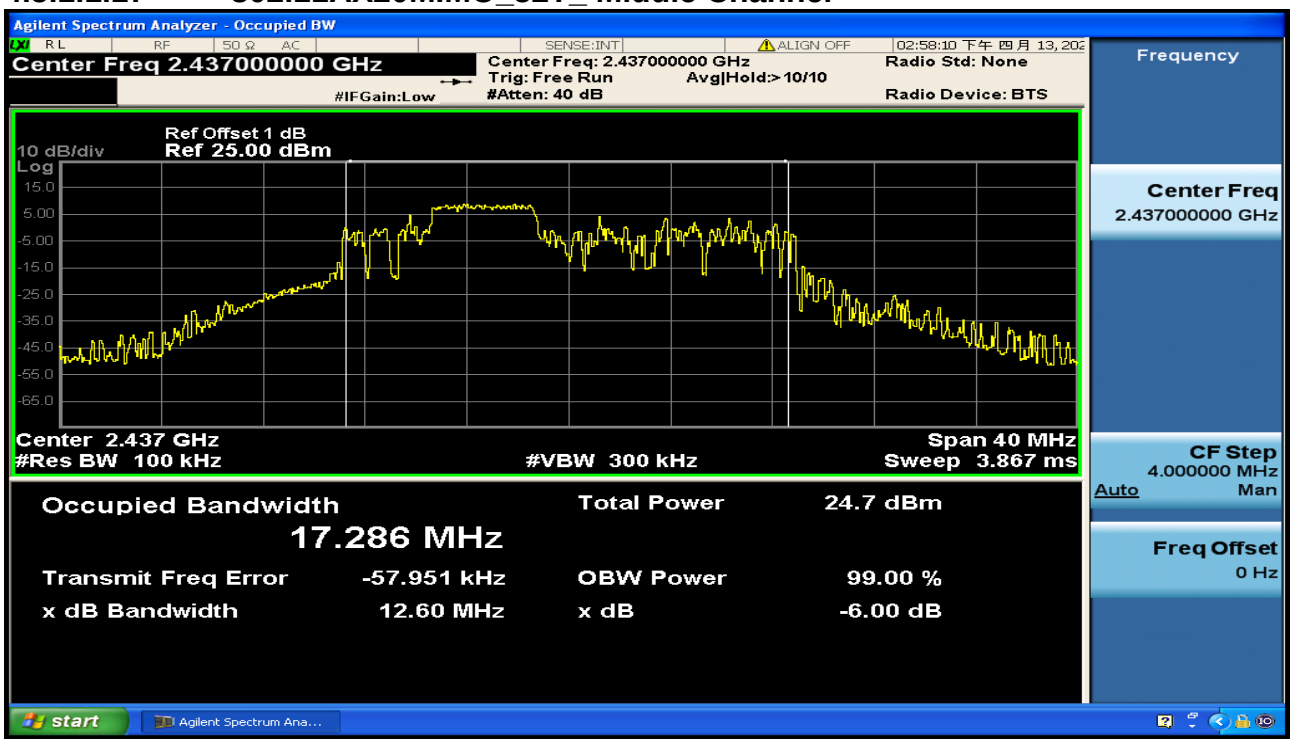
4.5.1.1.17 802.11AX20MIMO_52T_ Middle Channel



4.5.1.1.18 802.11AX20MIMO_52T_ Highest Channel

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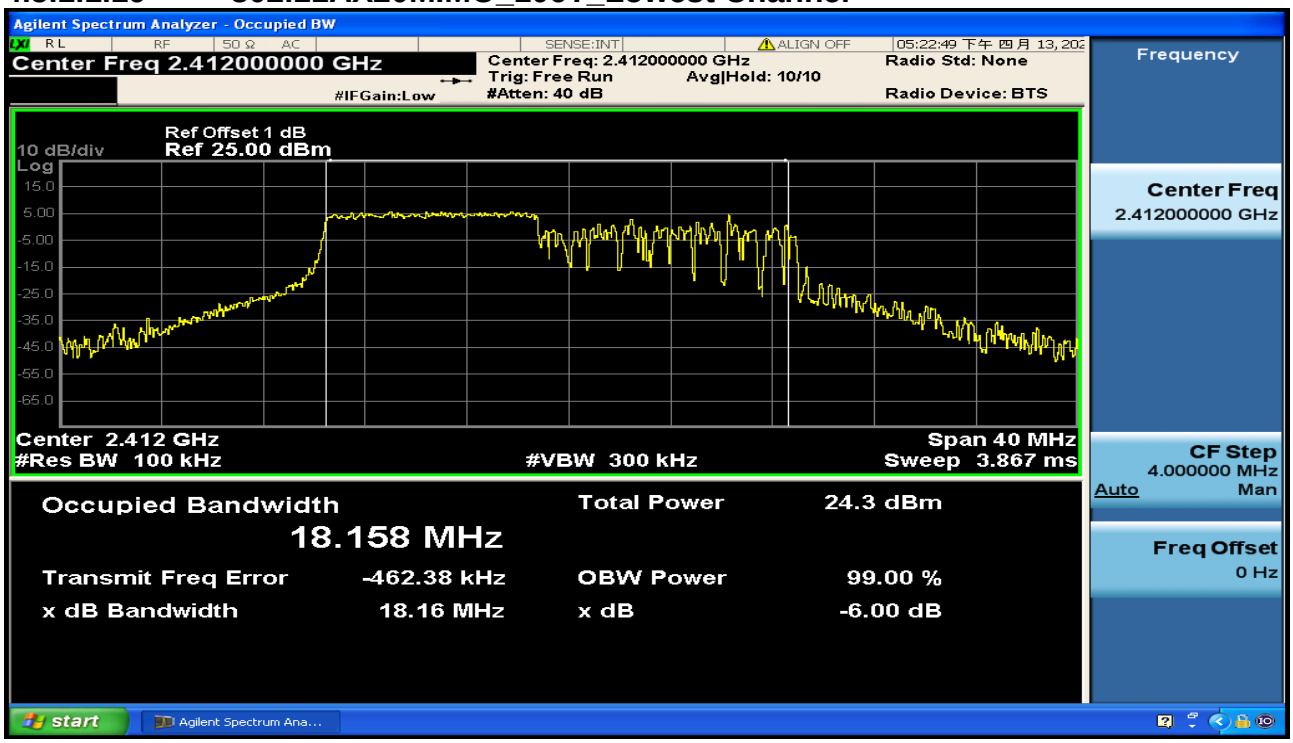
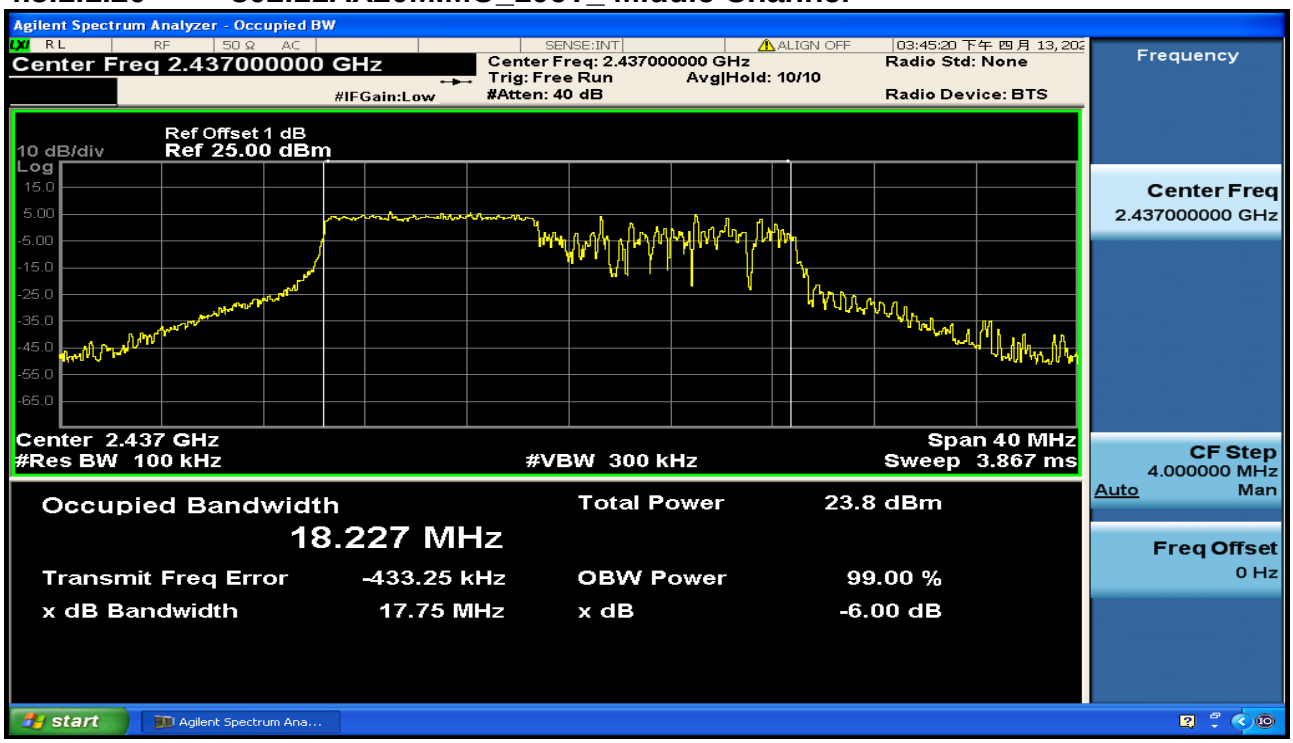
4.5.1.1.19 802.11AX20MIMO_106T_Lowest Channel



4.5.1.1.20 802.11AX20MIMO_106T_ Middle Channel



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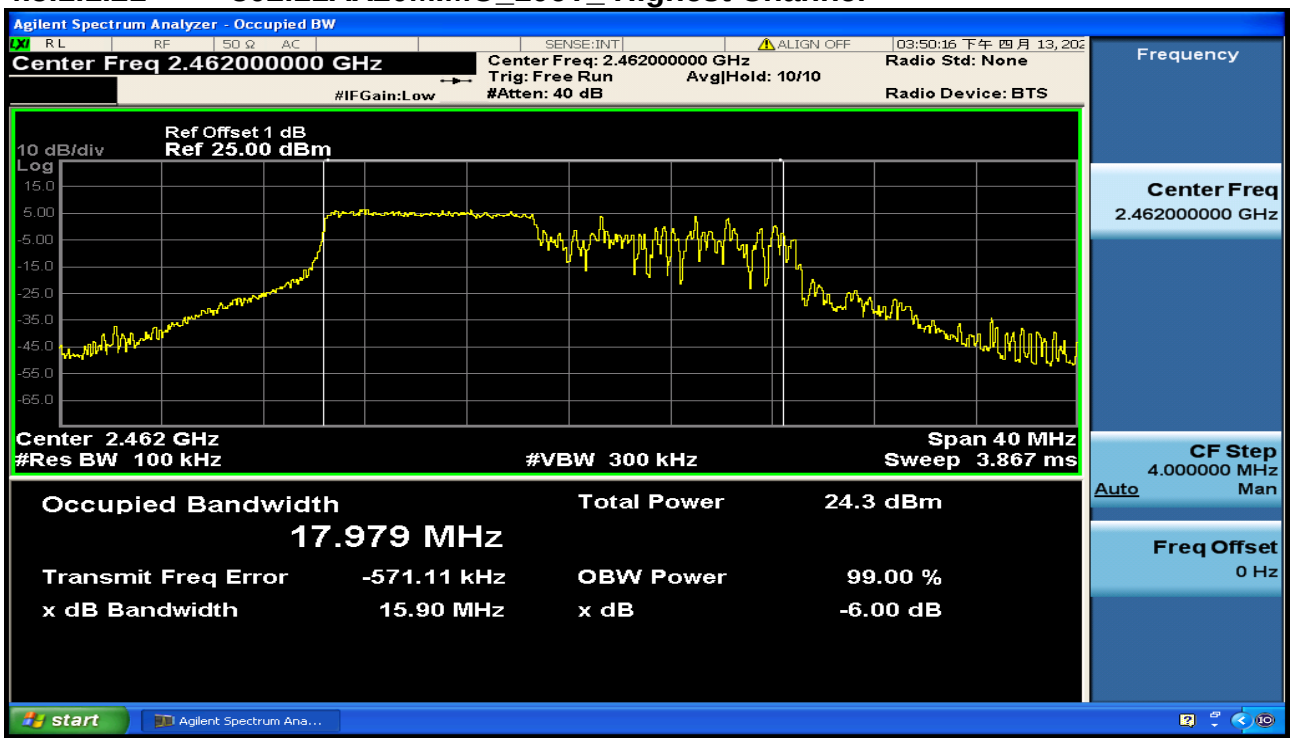
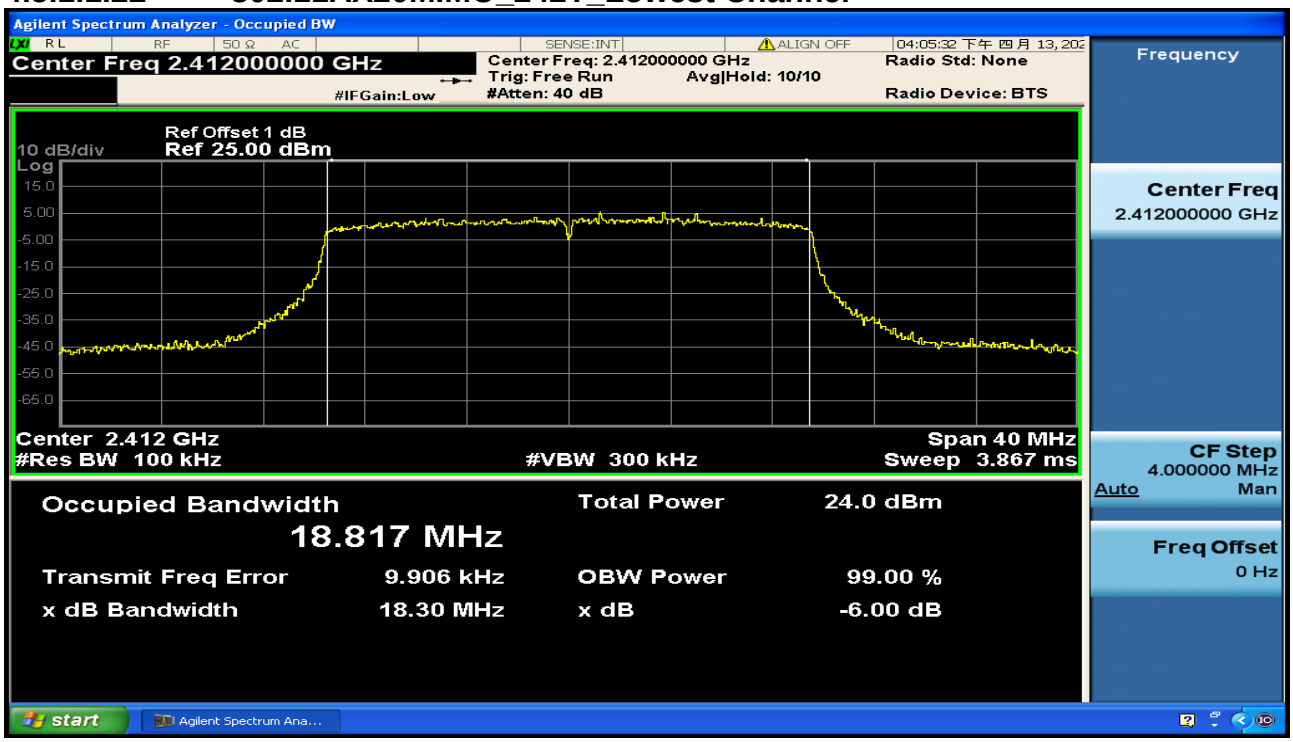
4.5.1.1.21 802.11AX20MIMO_106T_ Highest Channel



4.5.1.1.22 802.11AX20MIMO_242T_Lowest Channel



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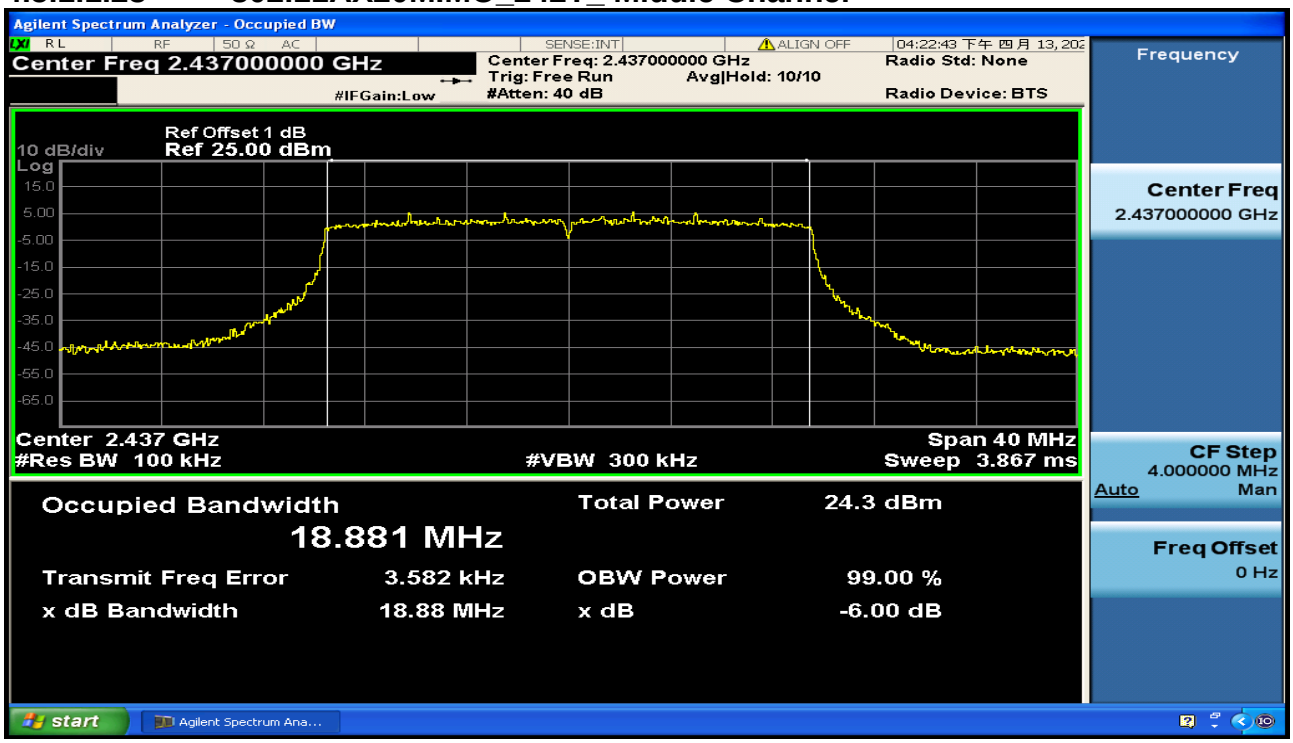
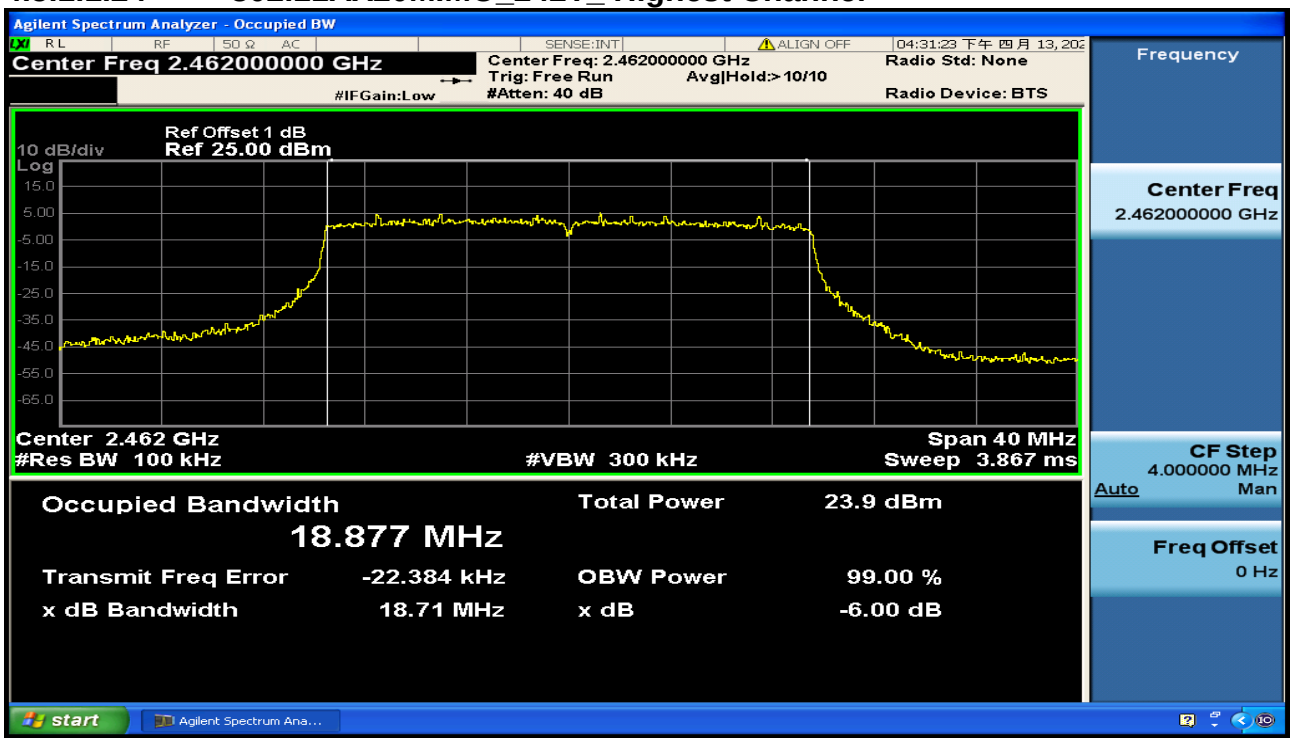
4.5.1.1.23 802.11AX20MIMO_242T_ Middle Channel



4.5.1.1.24 802.11AX20MIMO_242T_ Highest Channel



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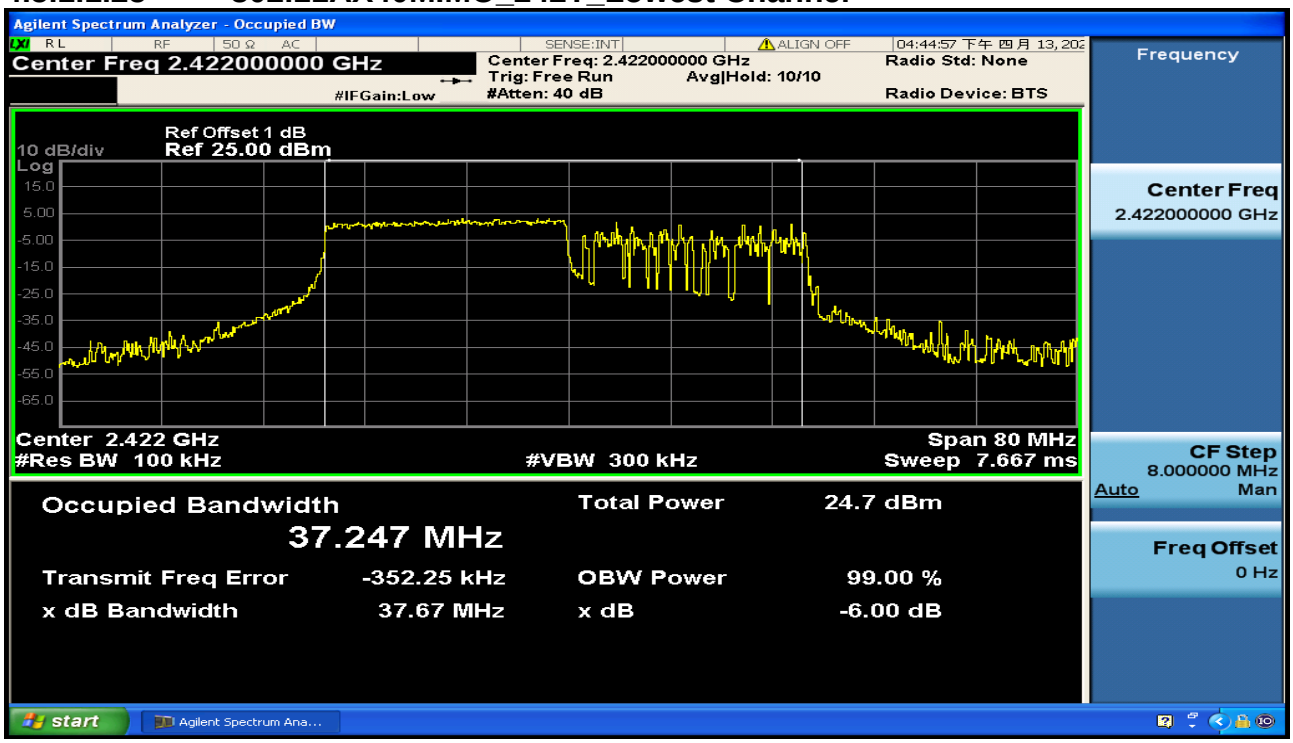
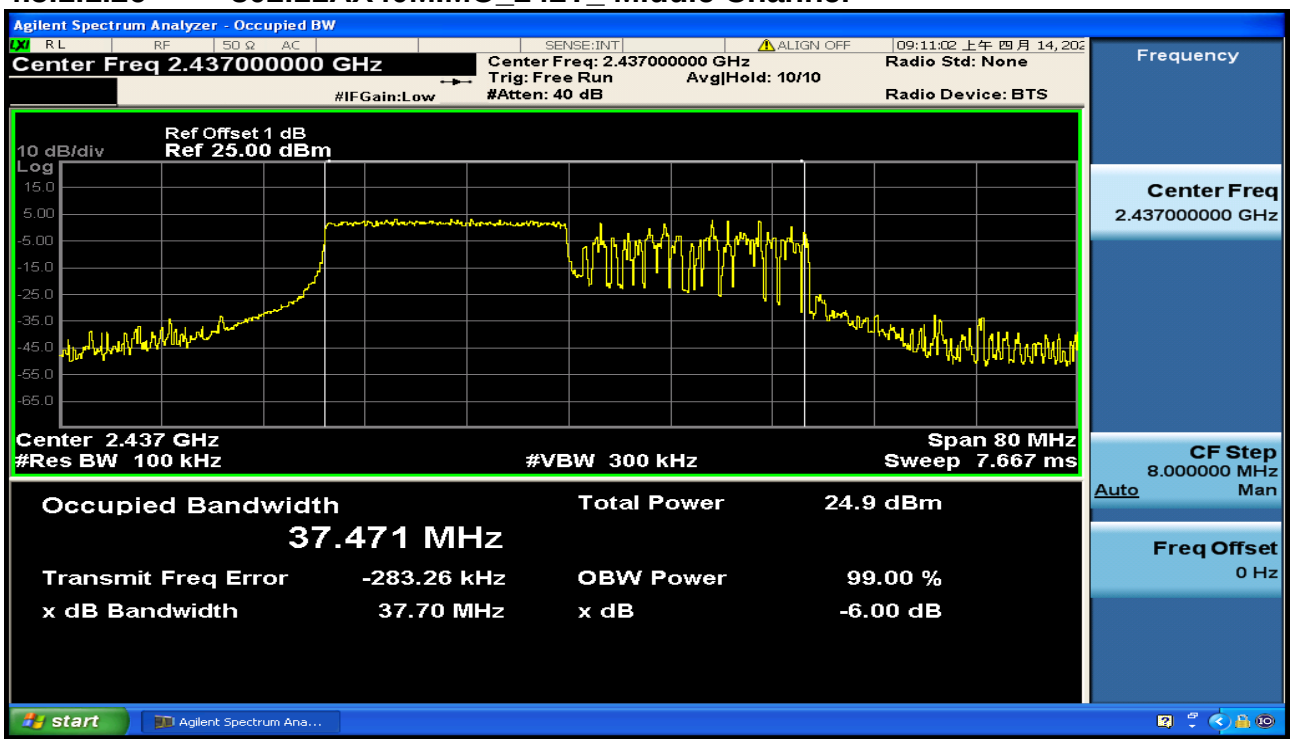
4.5.1.1.25 802.11AX40MIMO_242T_Lowest Channel



4.5.1.1.26 802.11AX40MIMO_242T_ Middle Channel



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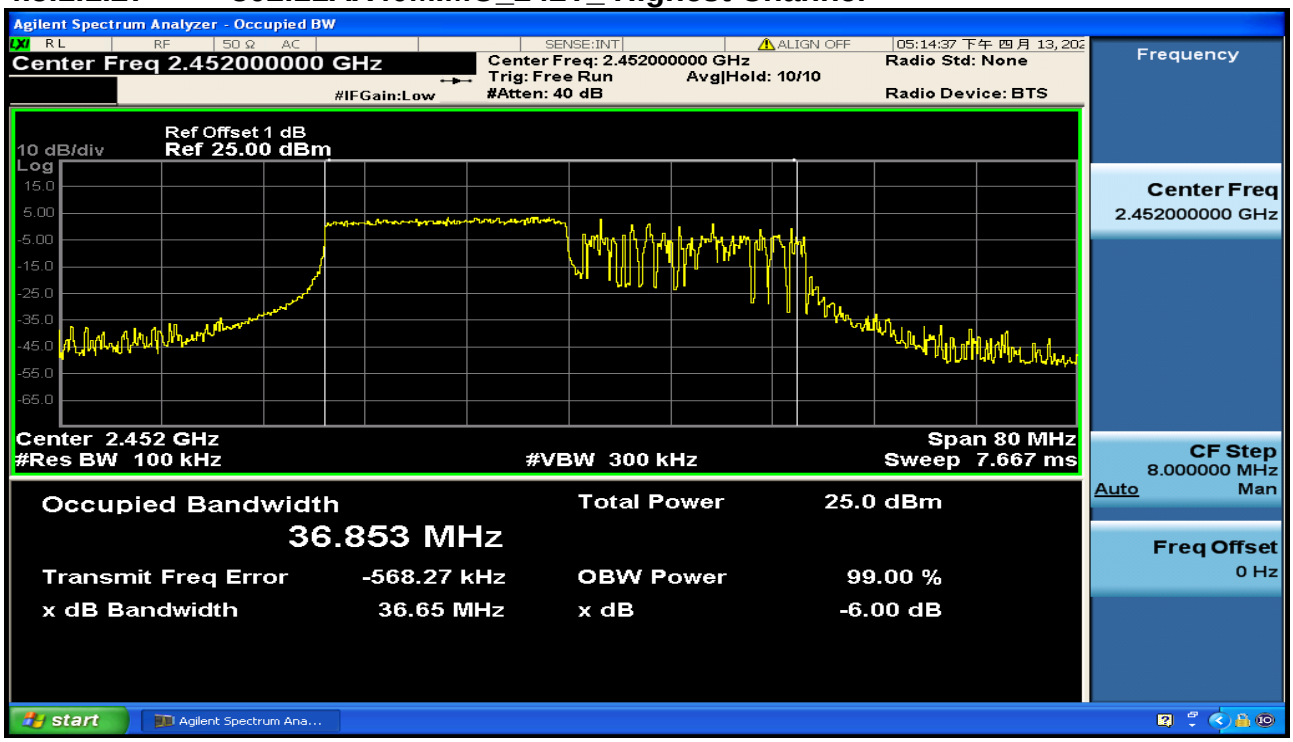
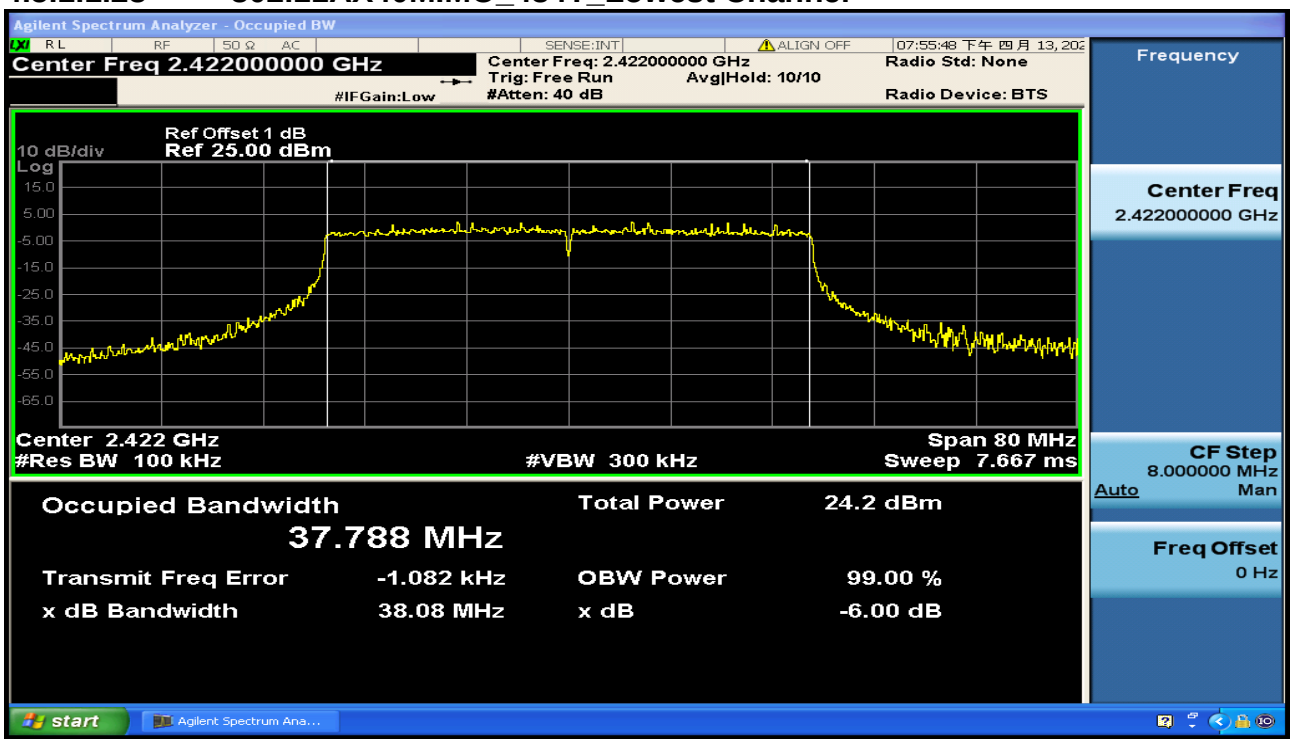
4.5.1.1.27 802.11AX40MIMO_242T_ Highest Channel



4.5.1.1.28 802.11AX40MIMO_484T_Lowest Channel



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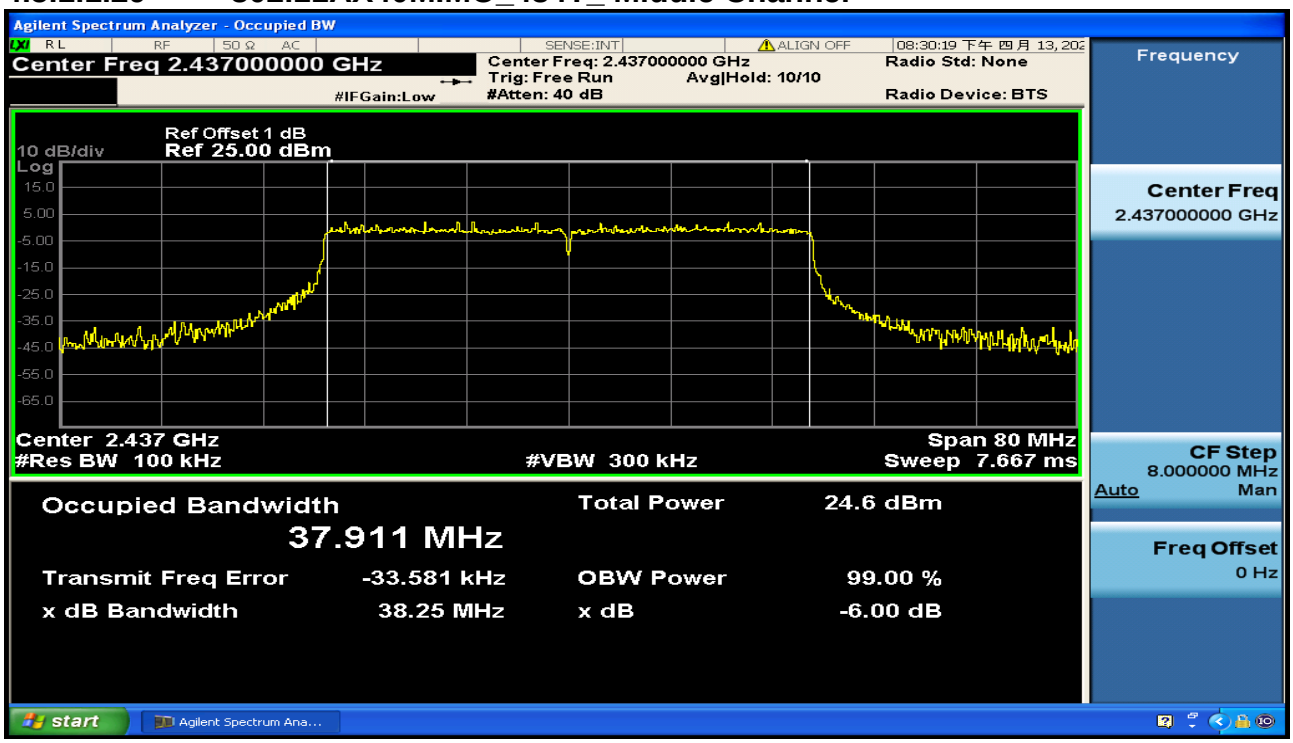
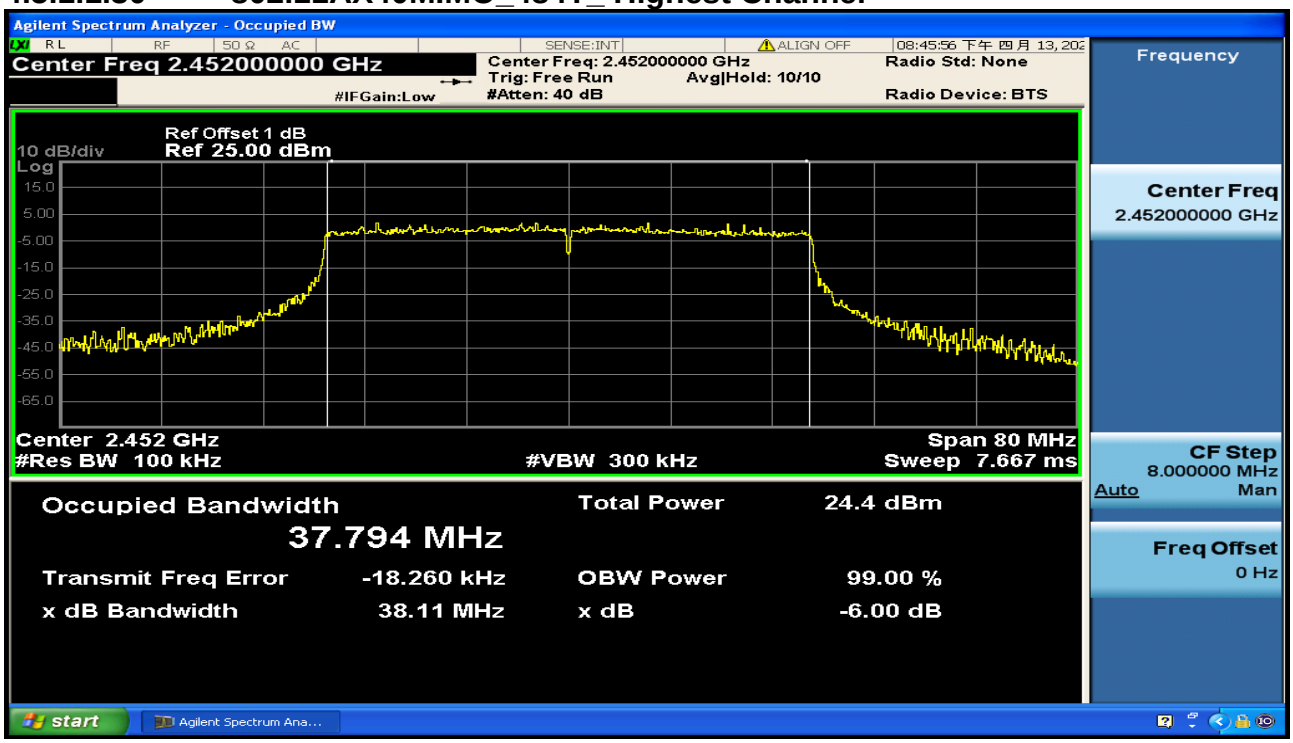
4.5.1.1.29 802.11AX40MIMO_484T_ Middle Channel



4.5.1.1.30 802.11AX40MIMO_484T_ Highest Channel



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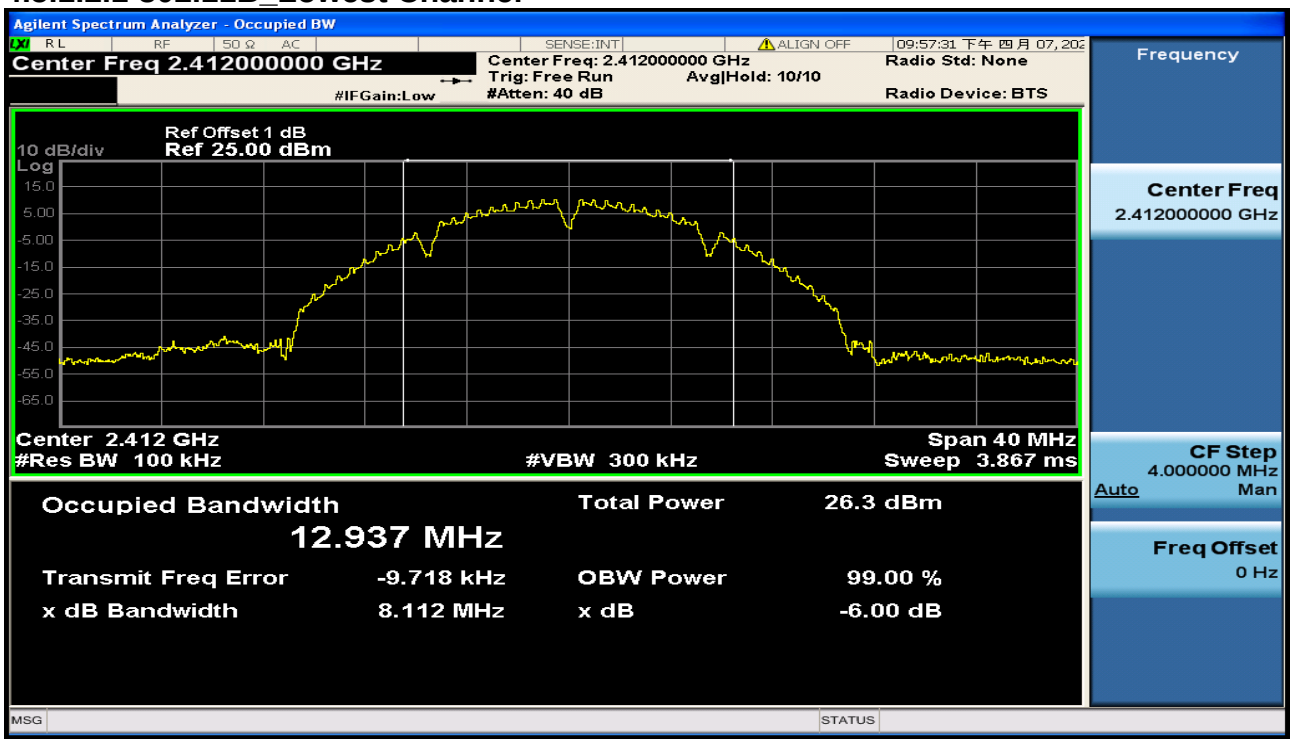
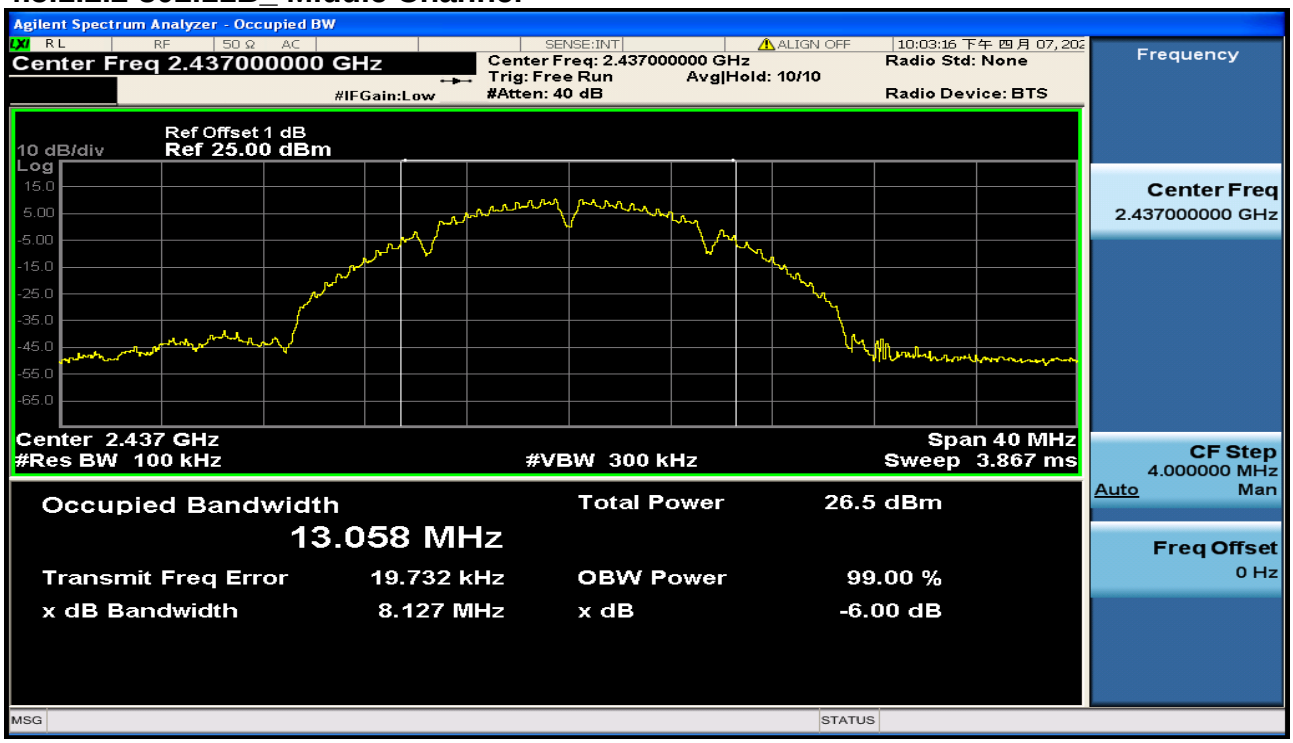
4.5.1.2 CDD & MIMO_ANT2

4.5.1.2.1 802.11B_Lowest Channel



4.5.1.2.2 802.11B_ Middle Channel



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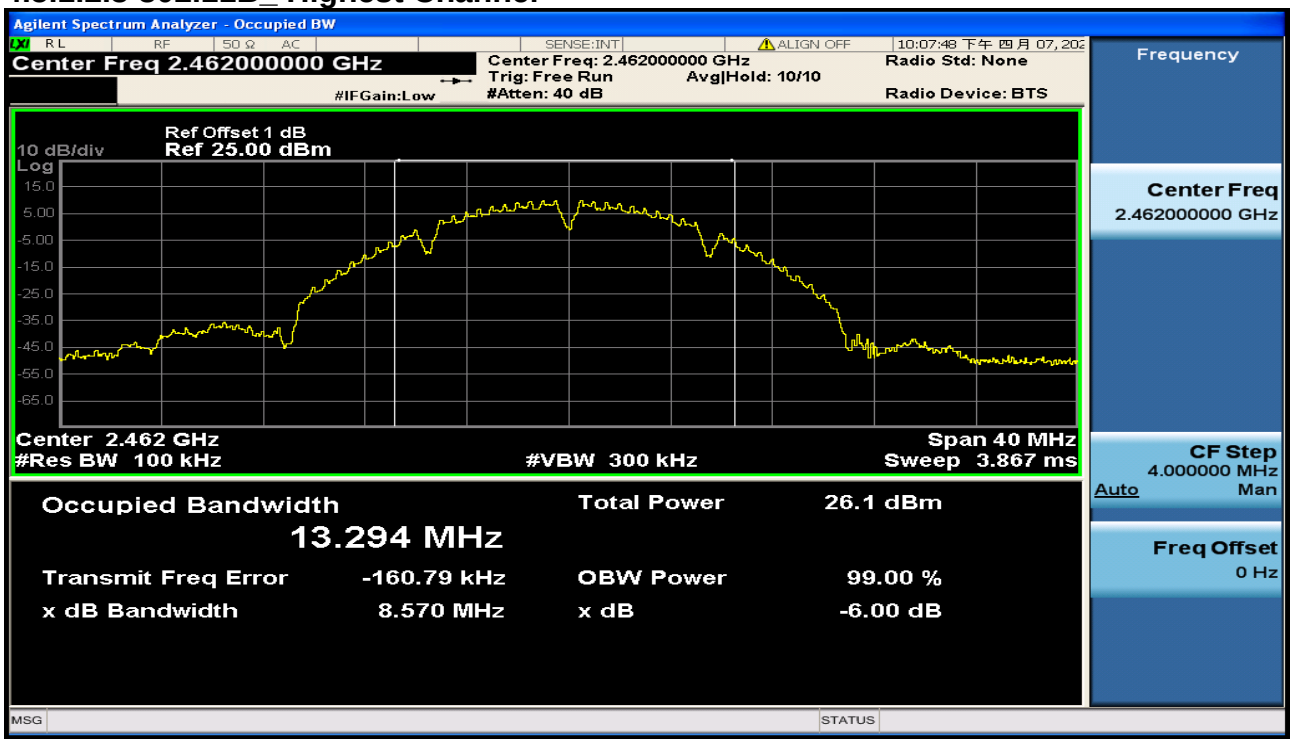
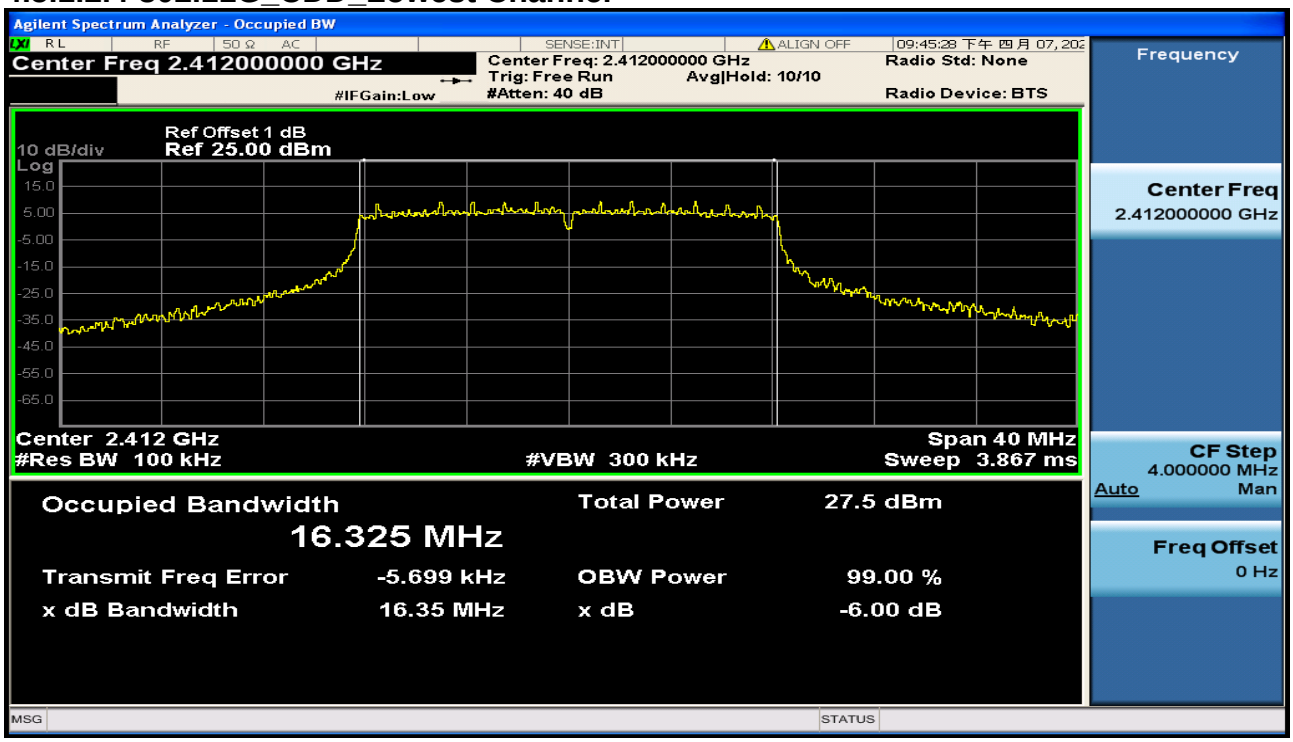
4.5.1.2.3 802.11B_ Highest Channel



4.5.1.2.4 802.11G_CDD_Lowest Channel



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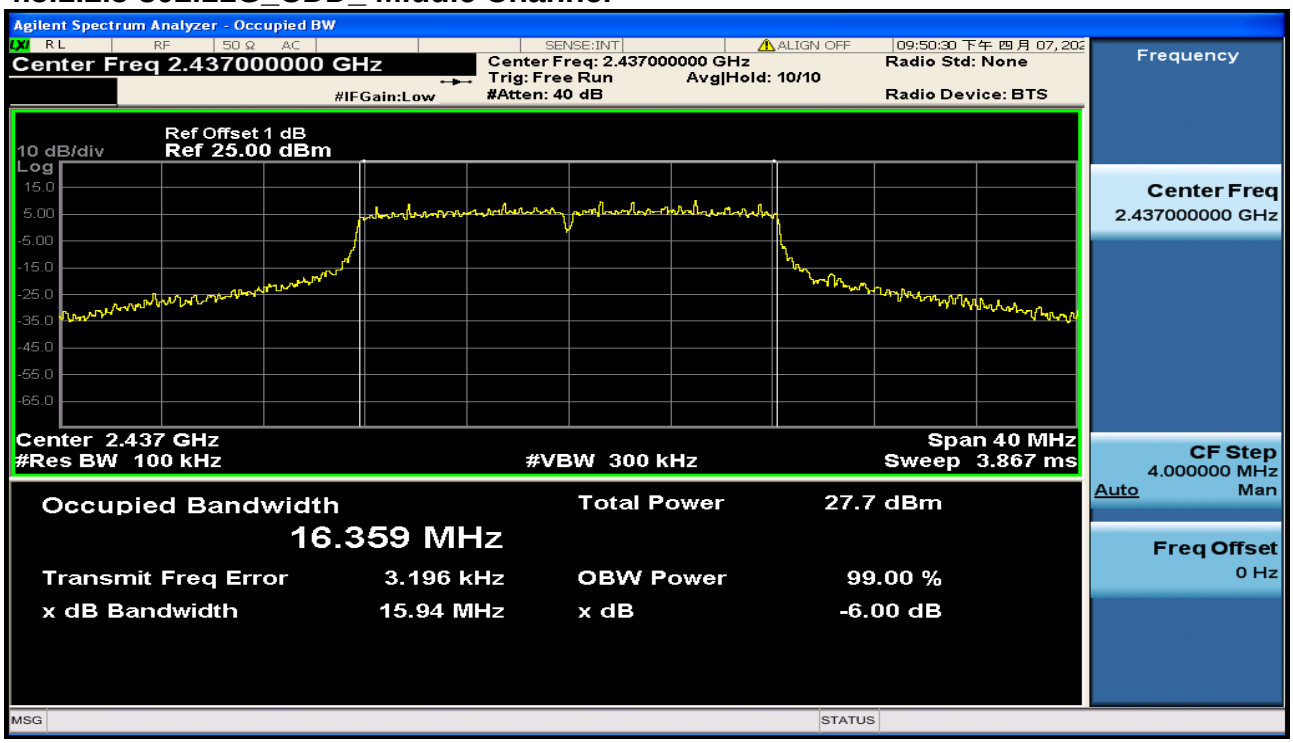
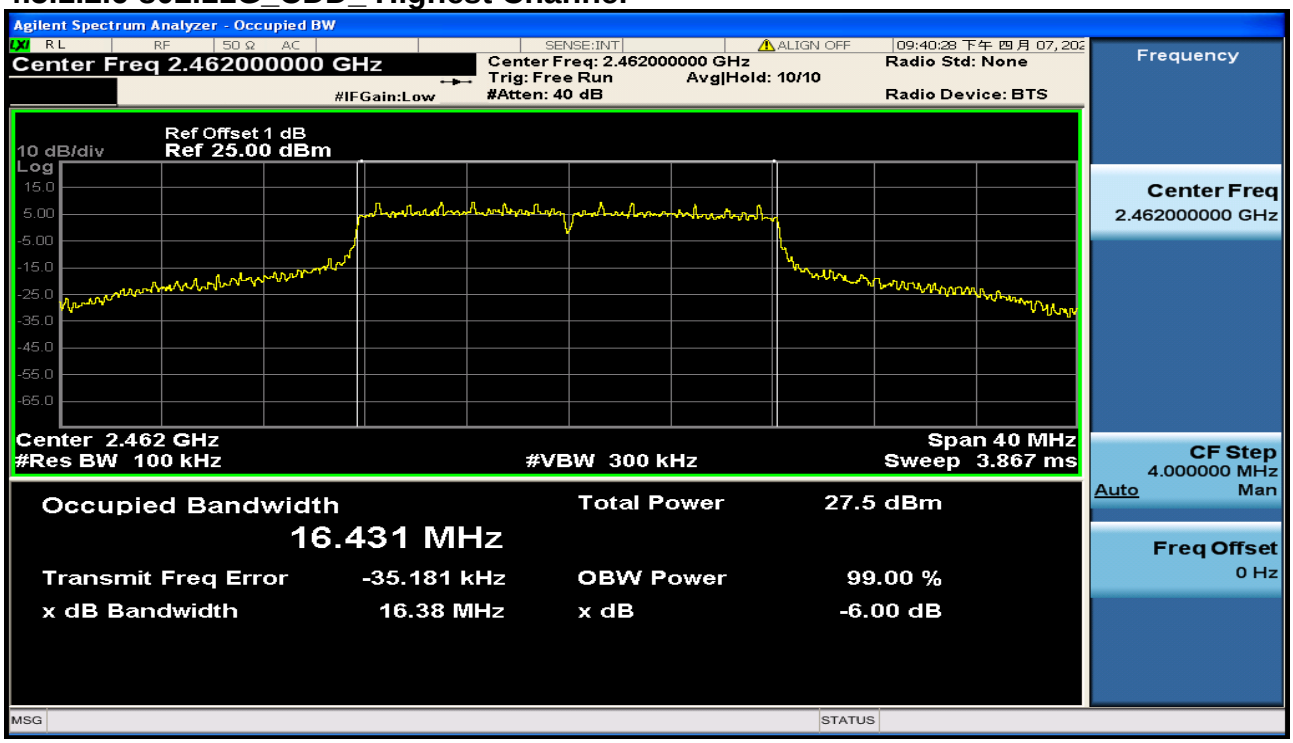
4.5.1.2.5 802.11G_CDD_ Middle Channel



4.5.1.2.6 802.11G_CDD_ Highest Channel



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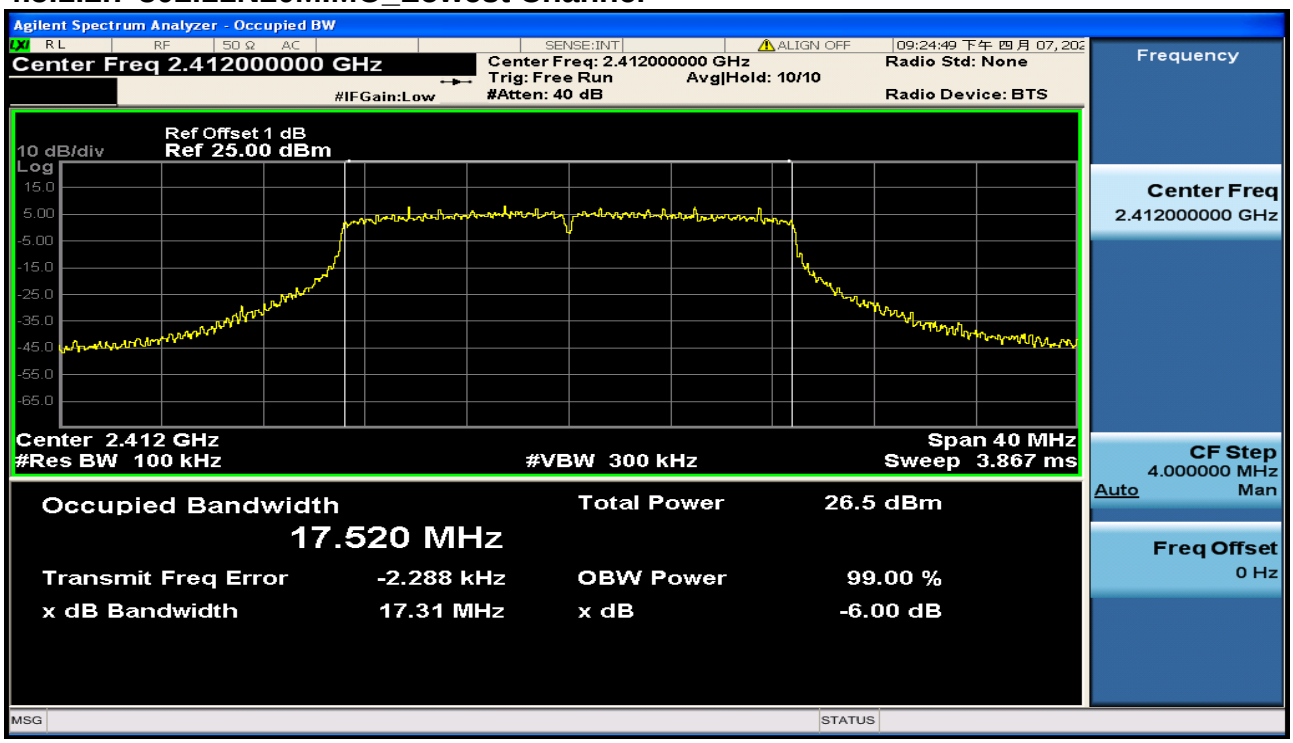
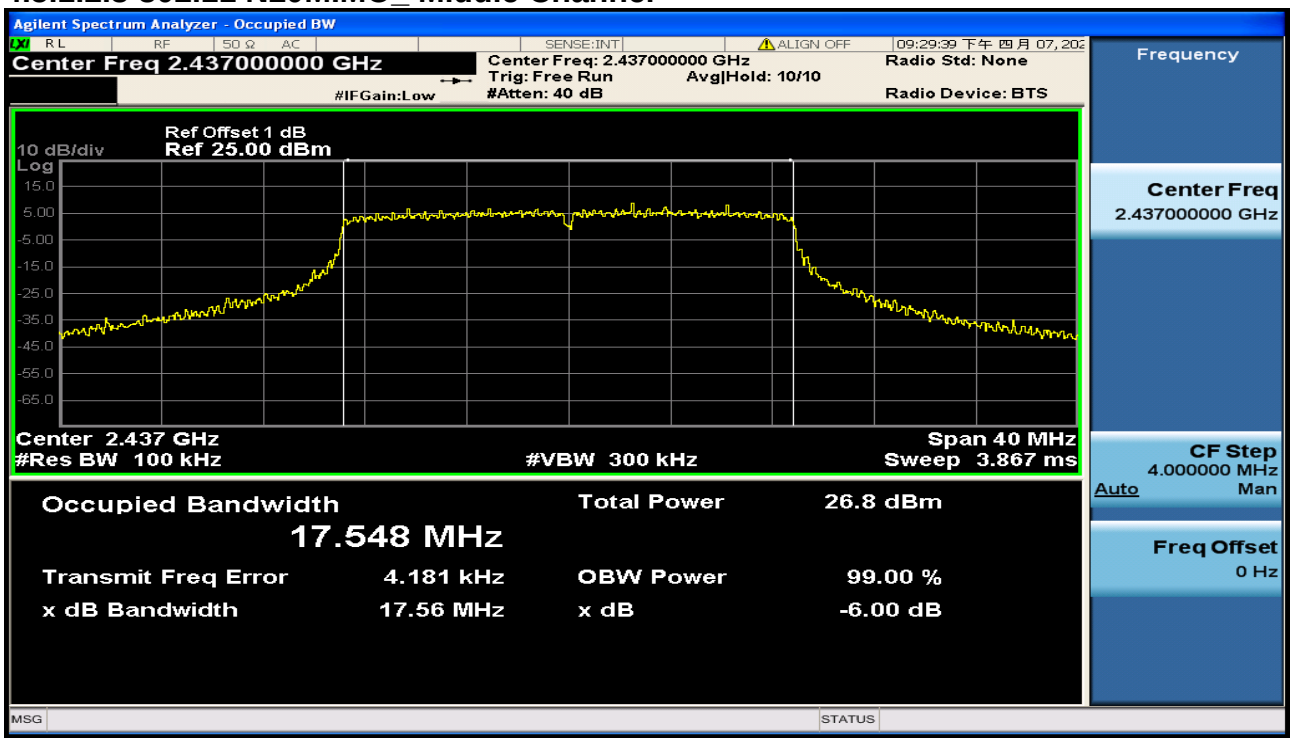
4.5.1.2.7 802.11N20MIMO_Lowest Channel



4.5.1.2.8 802.11 N20MIMO_ Middle Channel



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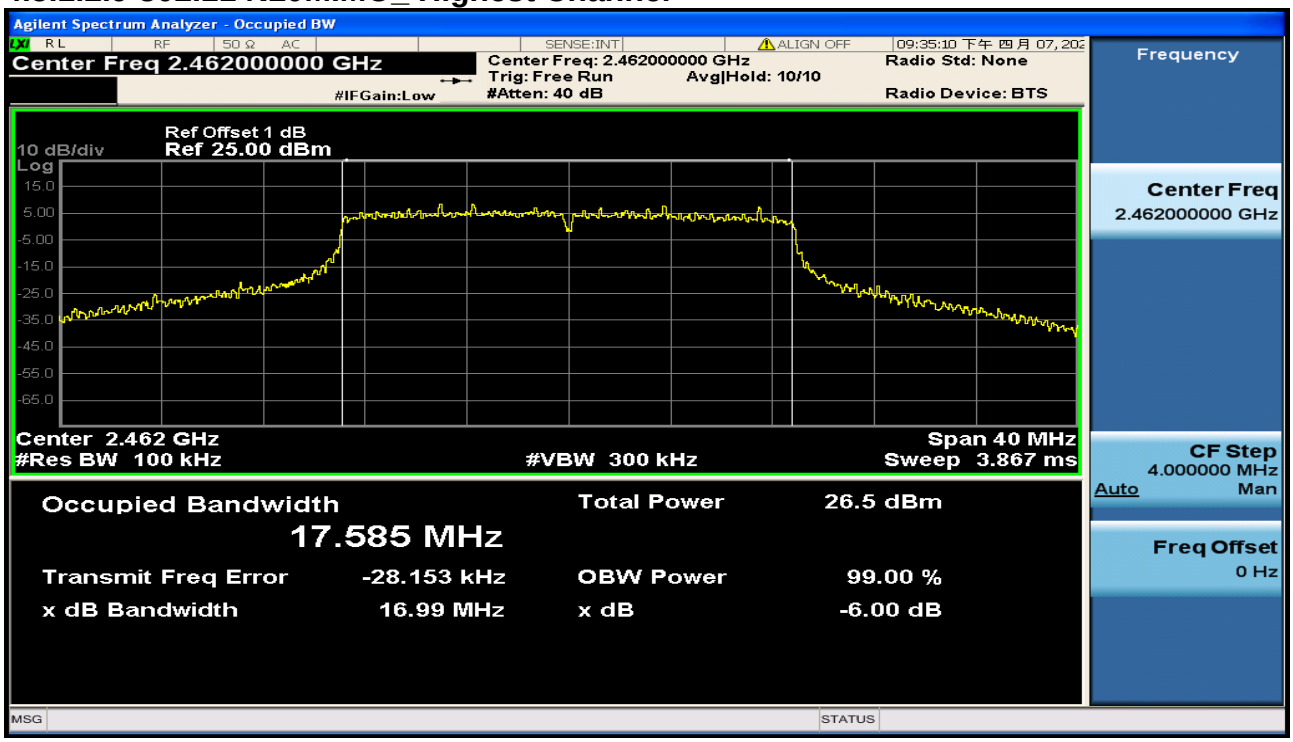
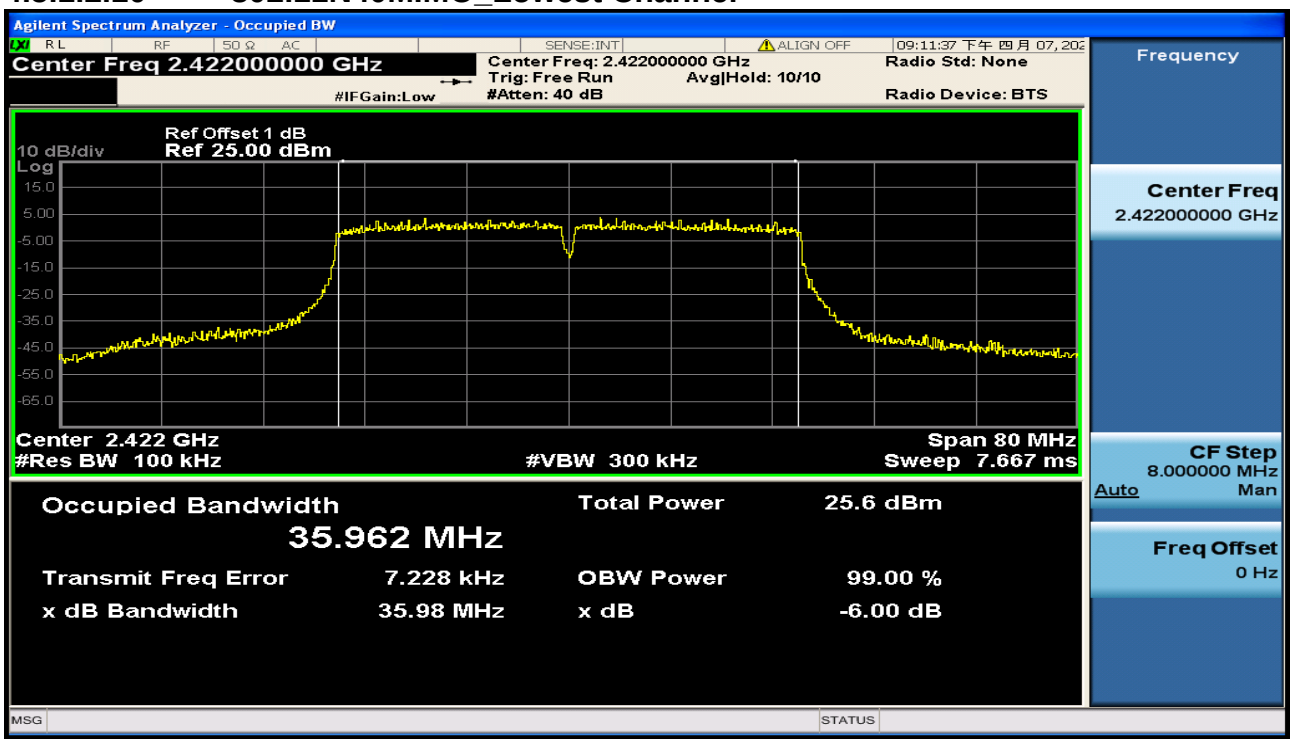
4.5.1.2.9 802.11 N20MIMO_ Highest Channel



4.5.1.2.10 802.11N40MIMO_Lowest Channel



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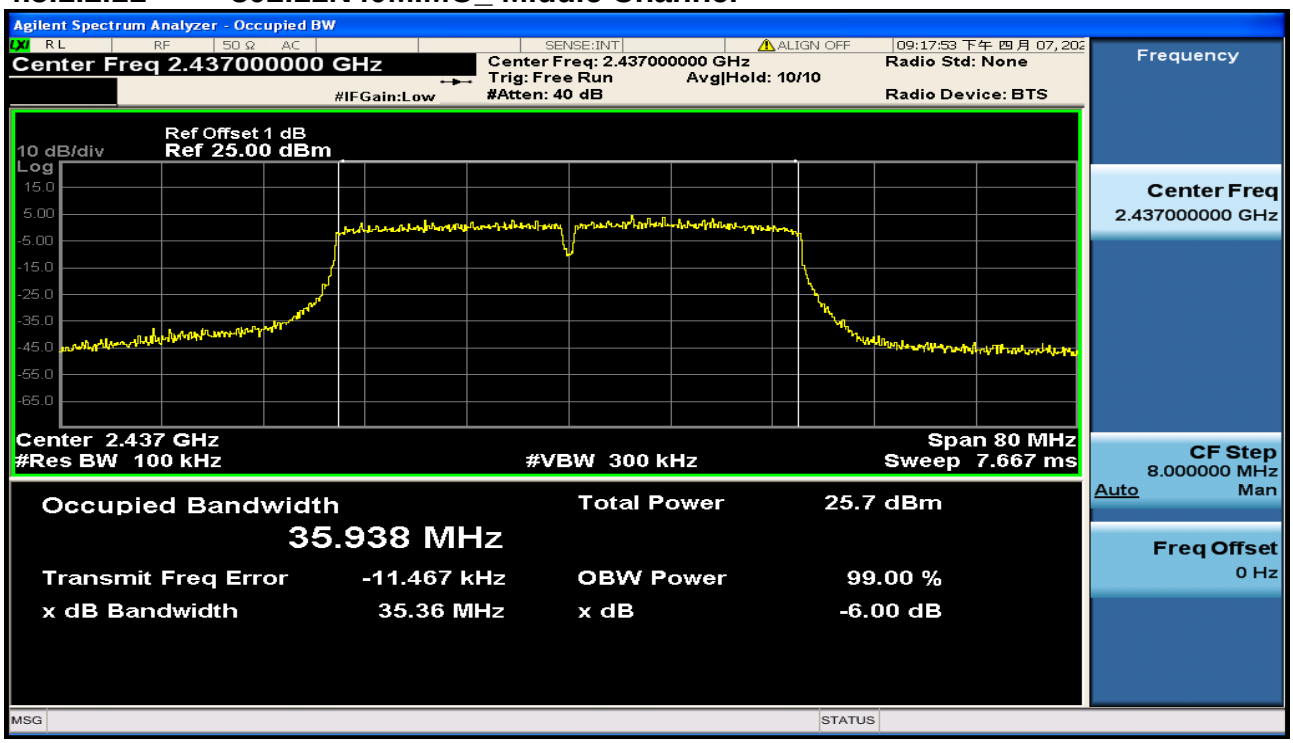
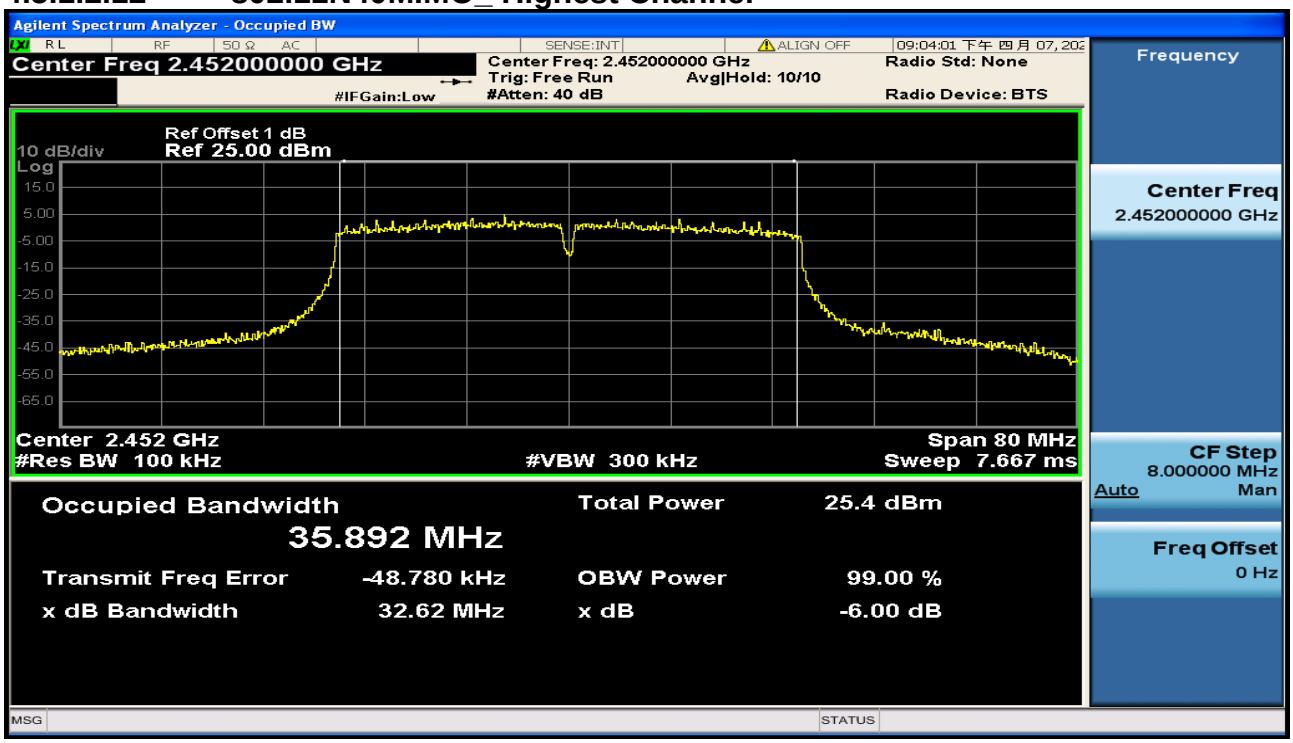
4.5.1.2.11 802.11N40MIMO_ Middle Channel



4.5.1.2.12 802.11N40MIMO_ Highest Channel



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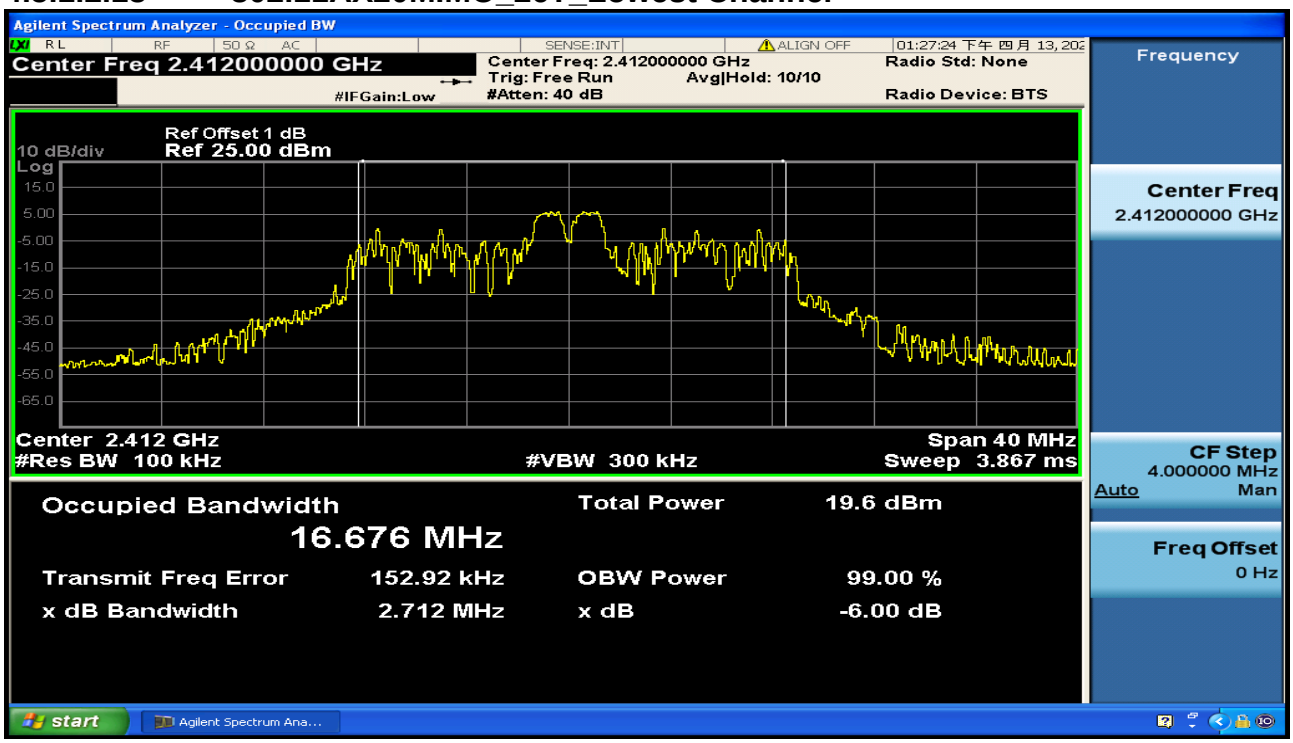
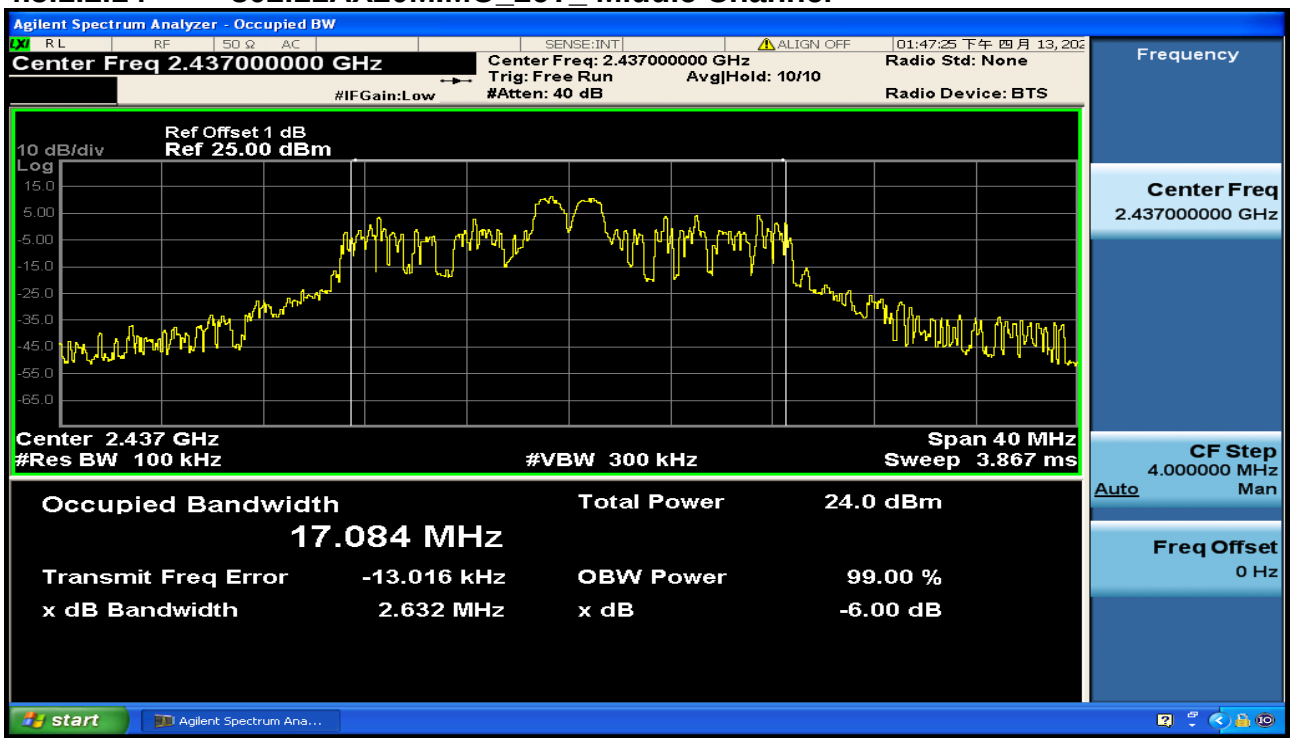
4.5.1.2.13 802.11AX20MIMO_26T_Lowest Channel



4.5.1.2.14 802.11AX20MIMO_26T_ Middle Channel



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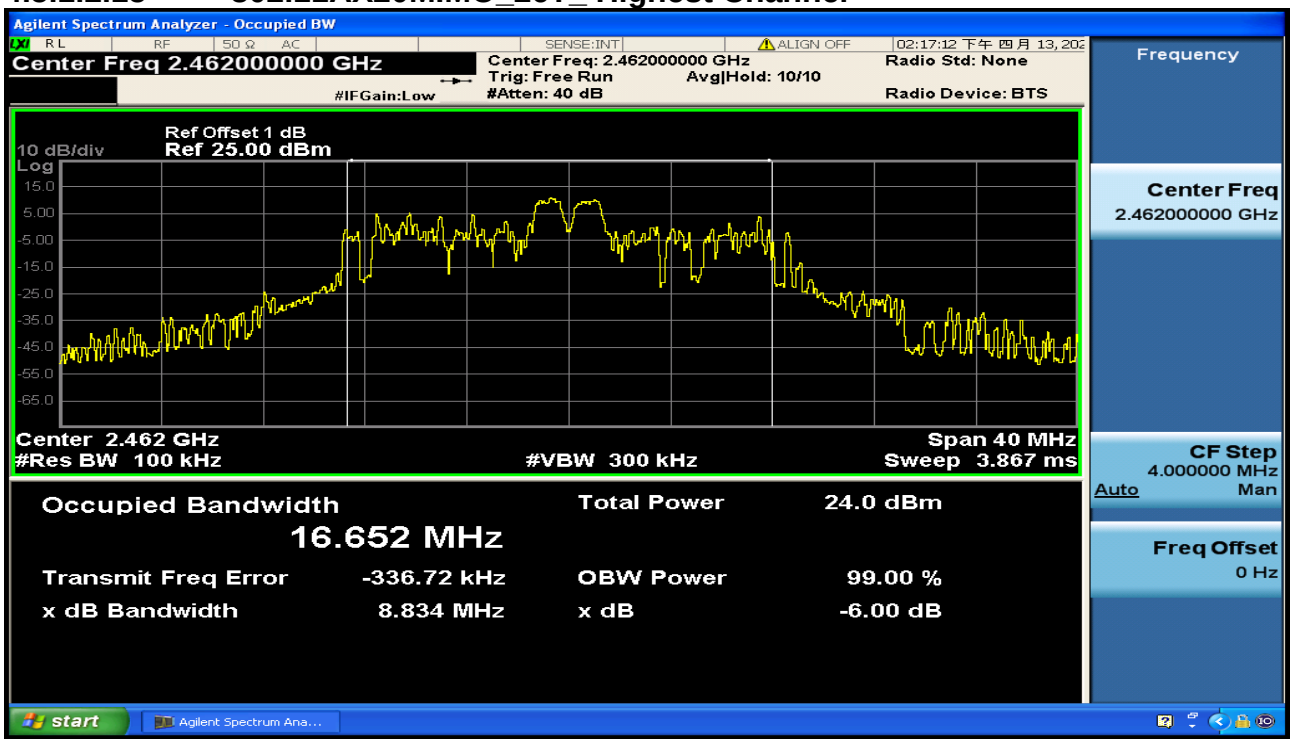
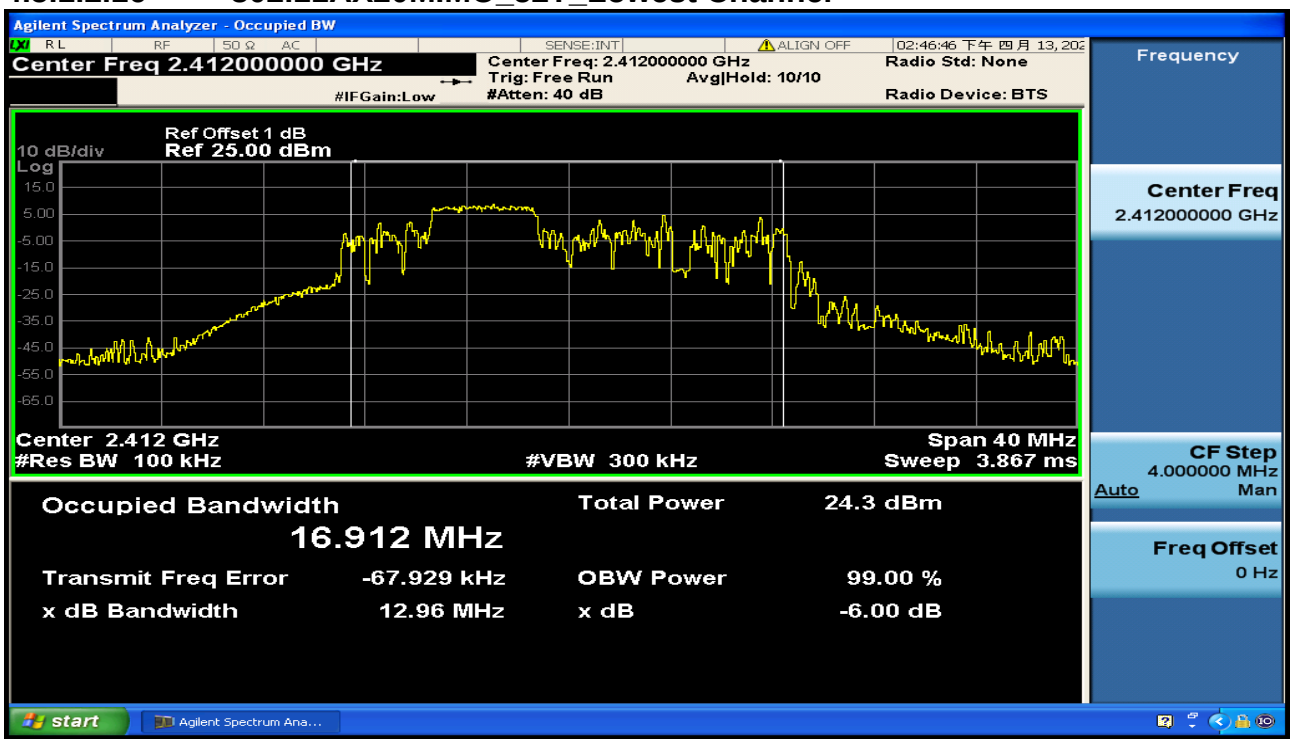
4.5.1.2.15 802.11AX20MIMO_26T_ Highest Channel



4.5.1.2.16 802.11AX20MIMO_52T_Lowest Channel



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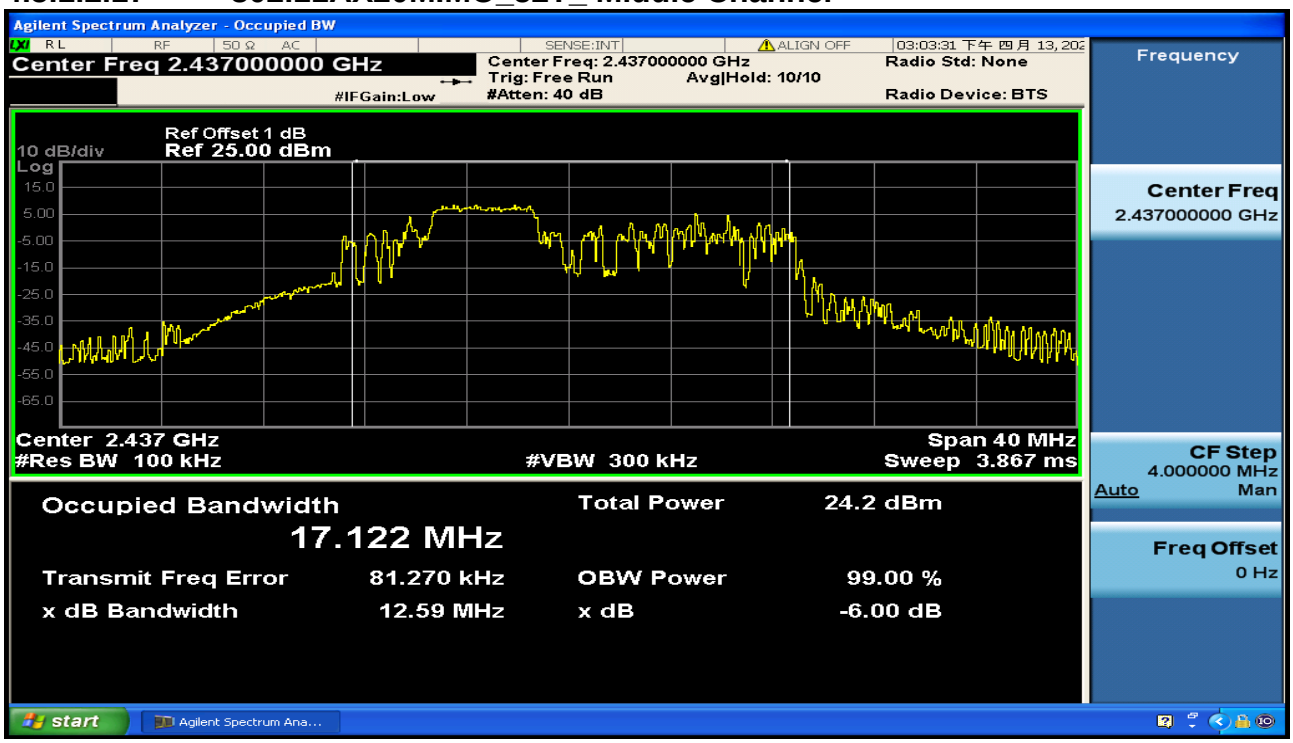
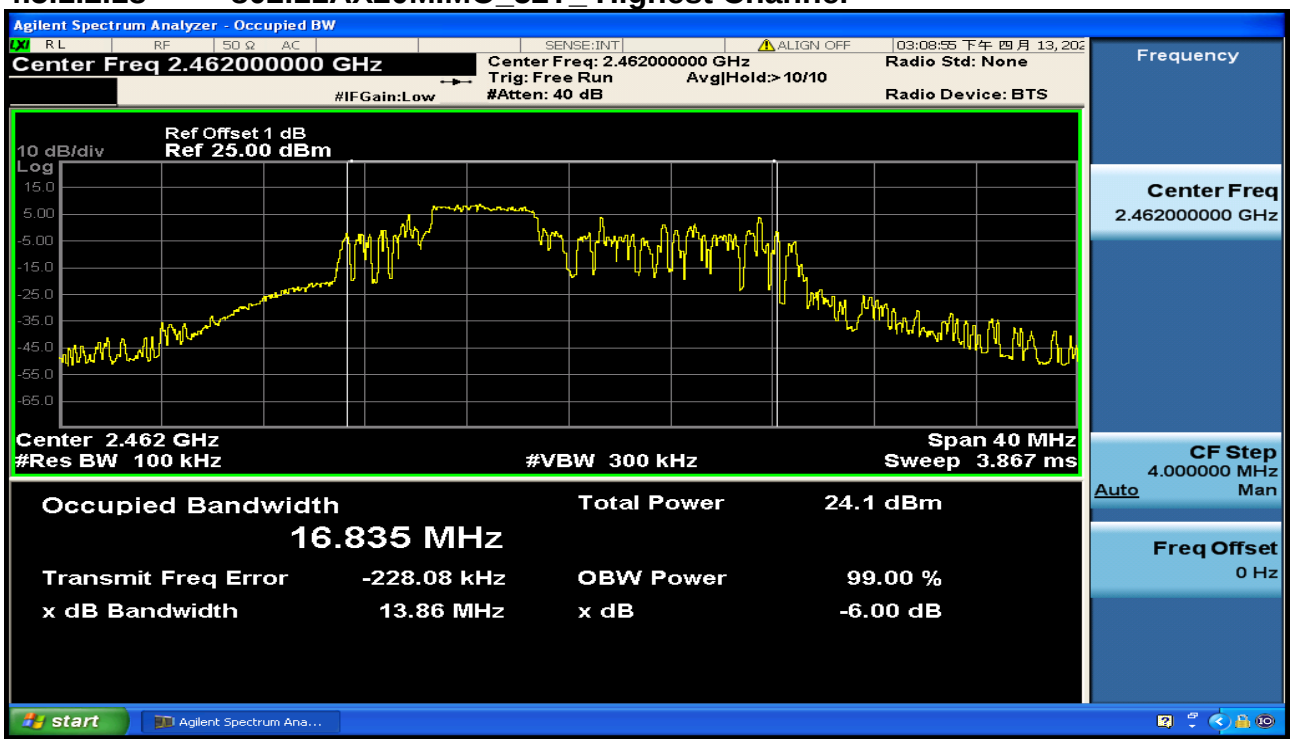
4.5.1.2.17 802.11AX20MIMO_52T_ Middle Channel



4.5.1.2.18 802.11AX20MIMO_52T_ Highest Channel



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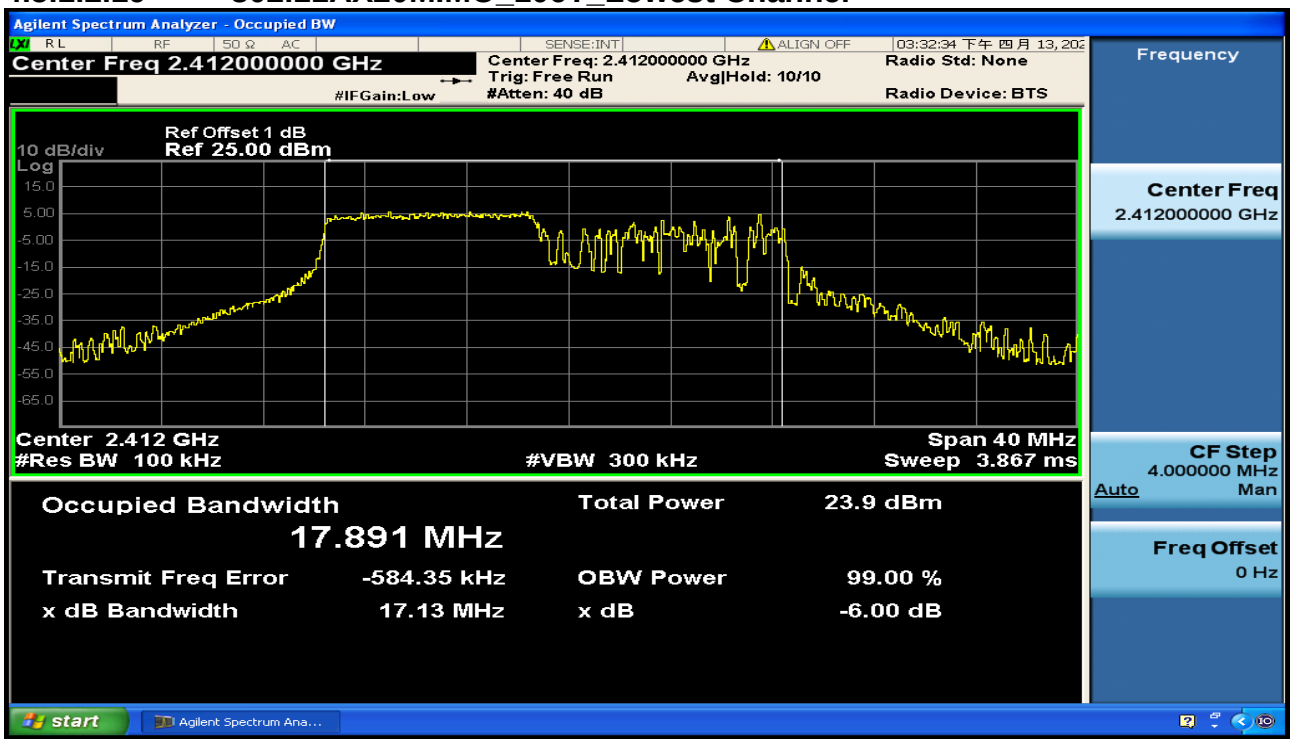
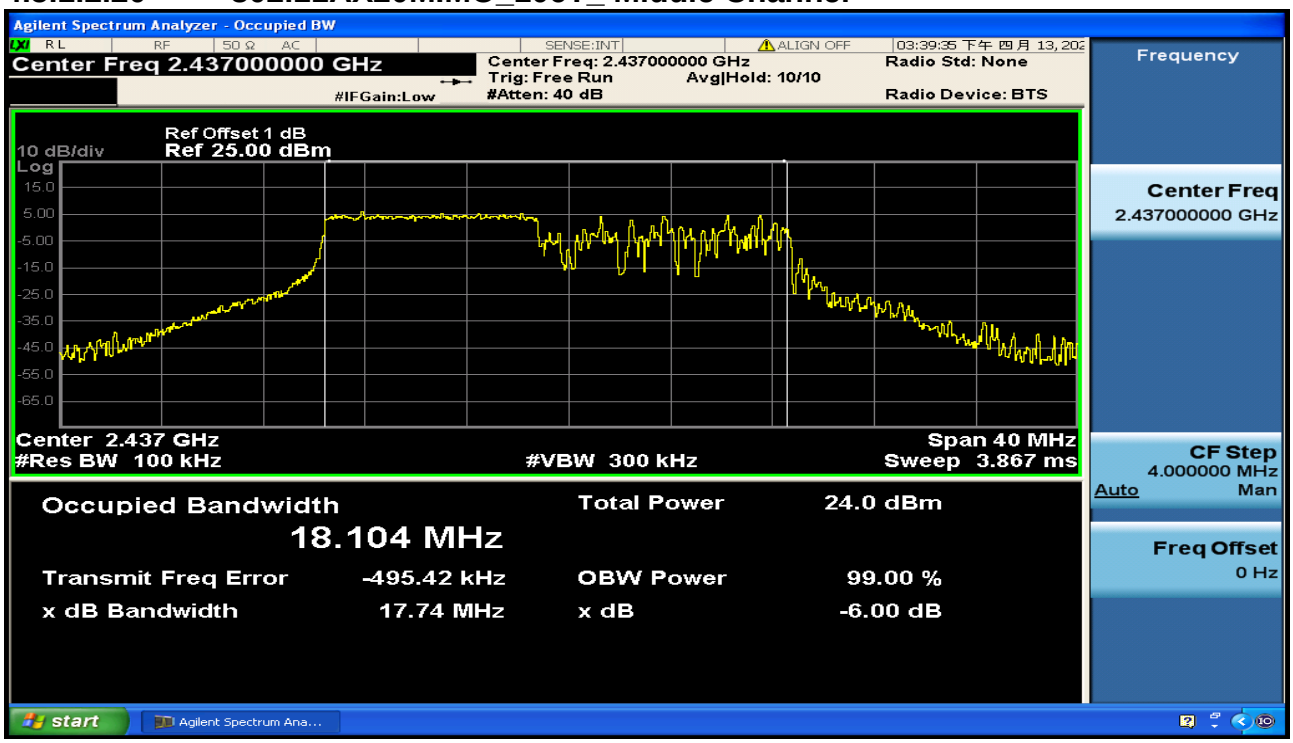
4.5.1.2.19 802.11AX20MIMO_106T_Lowest Channel



4.5.1.2.20 802.11AX20MIMO_106T_ Middle Channel



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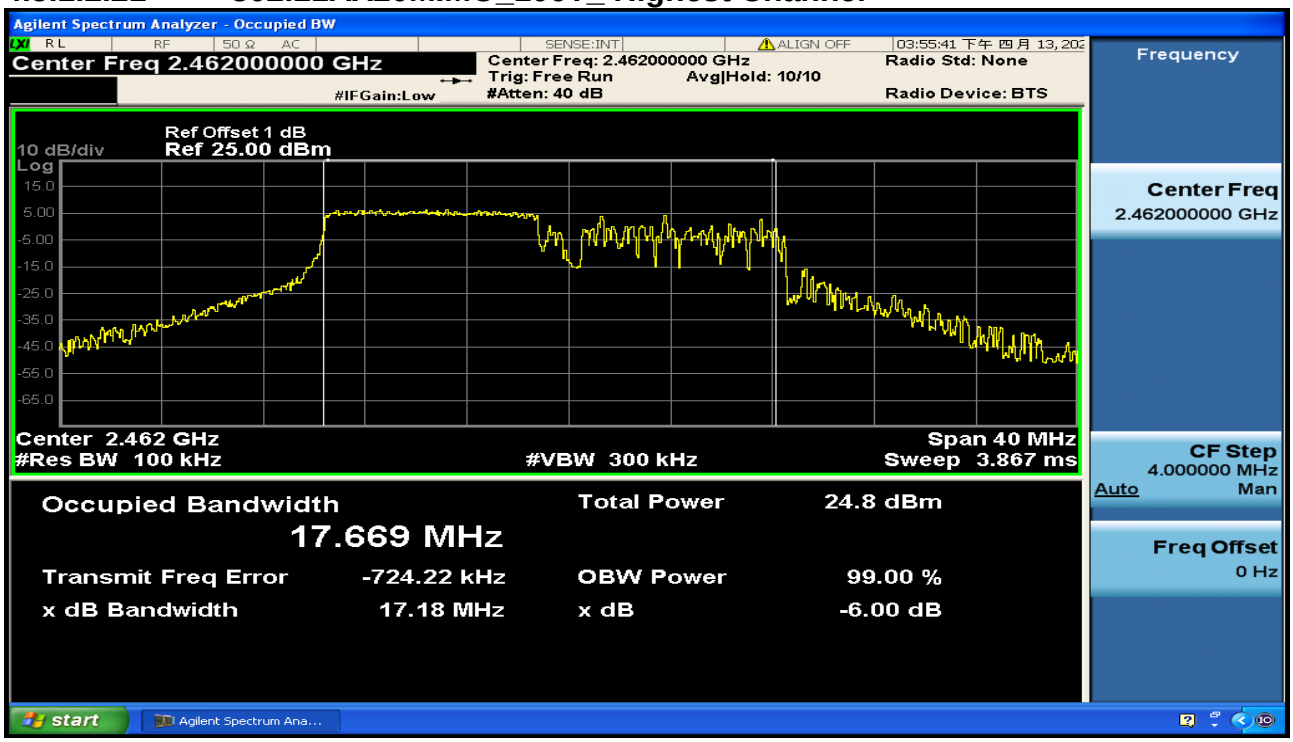
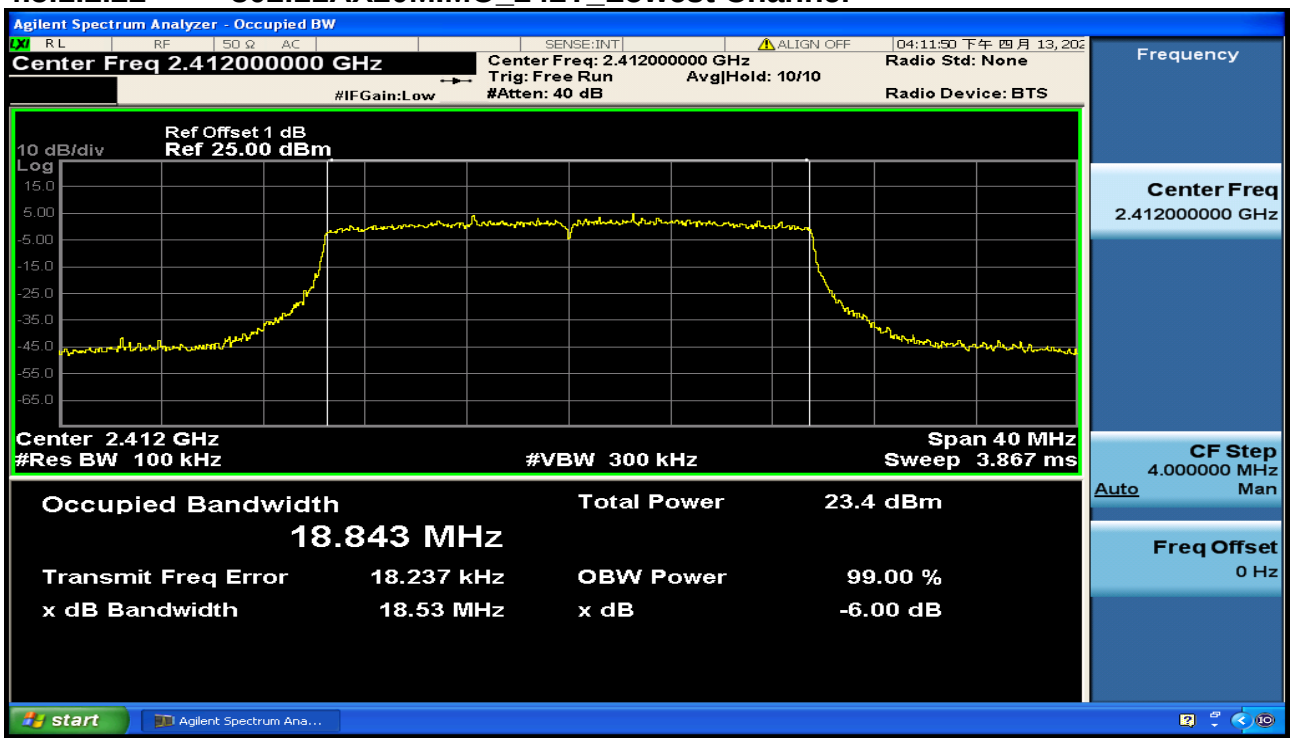
4.5.1.2.21 802.11AX20MIMO_106T_ Highest Channel



4.5.1.2.22 802.11AX20MIMO_242T_Lowest Channel



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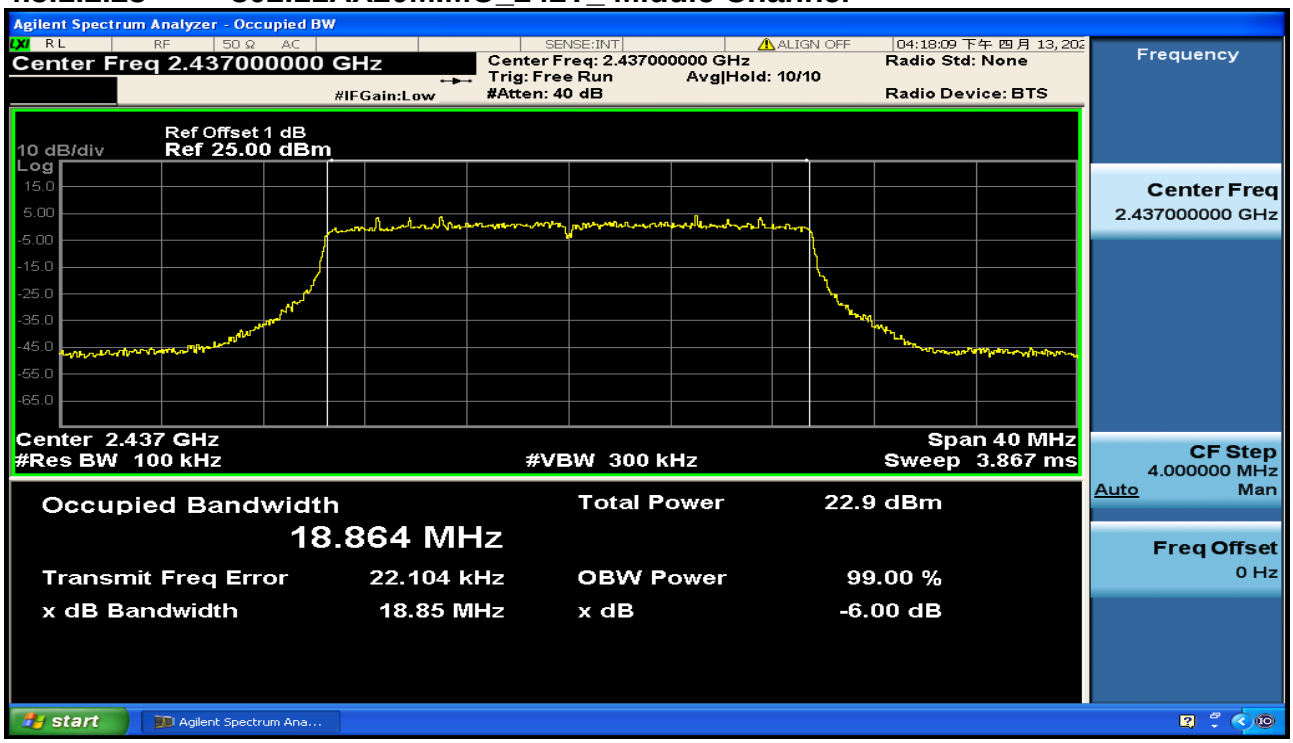
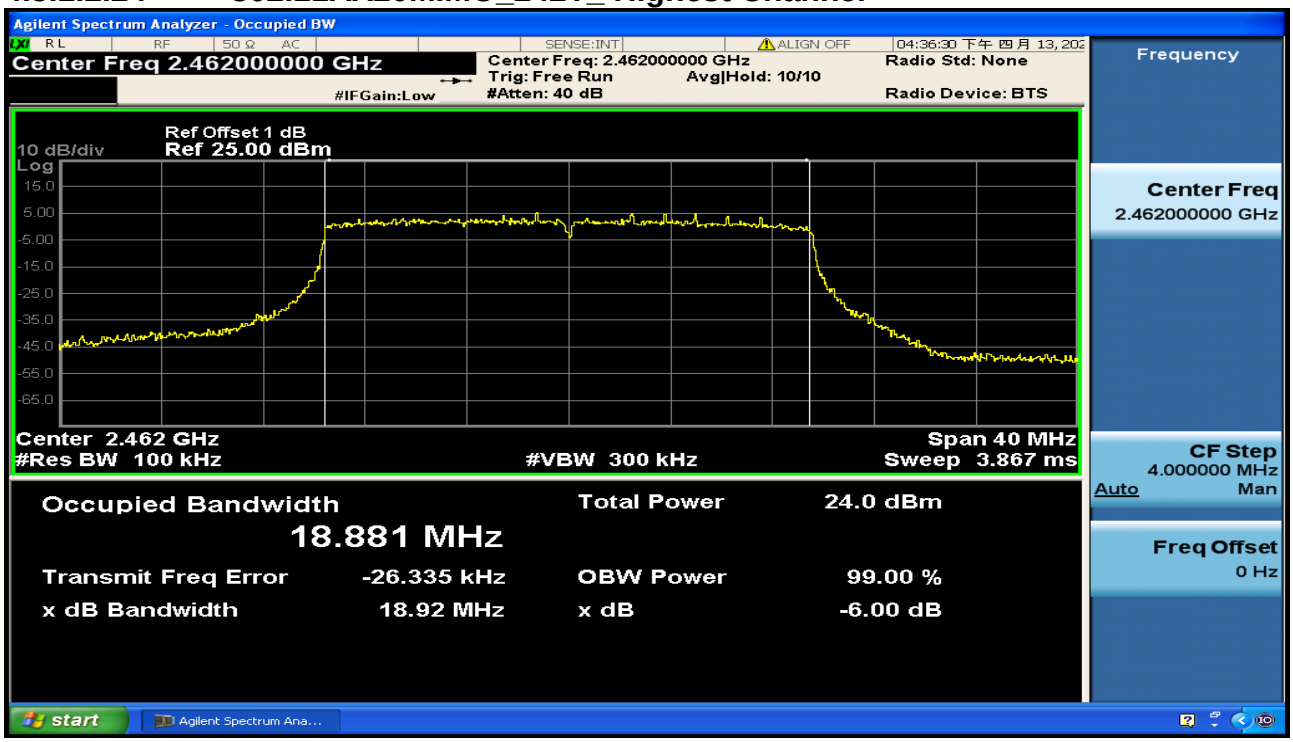
4.5.1.2.23 802.11AX20MIMO_242T_ Middle Channel



4.5.1.2.24 802.11AX20MIMO_242T_ Highest Channel



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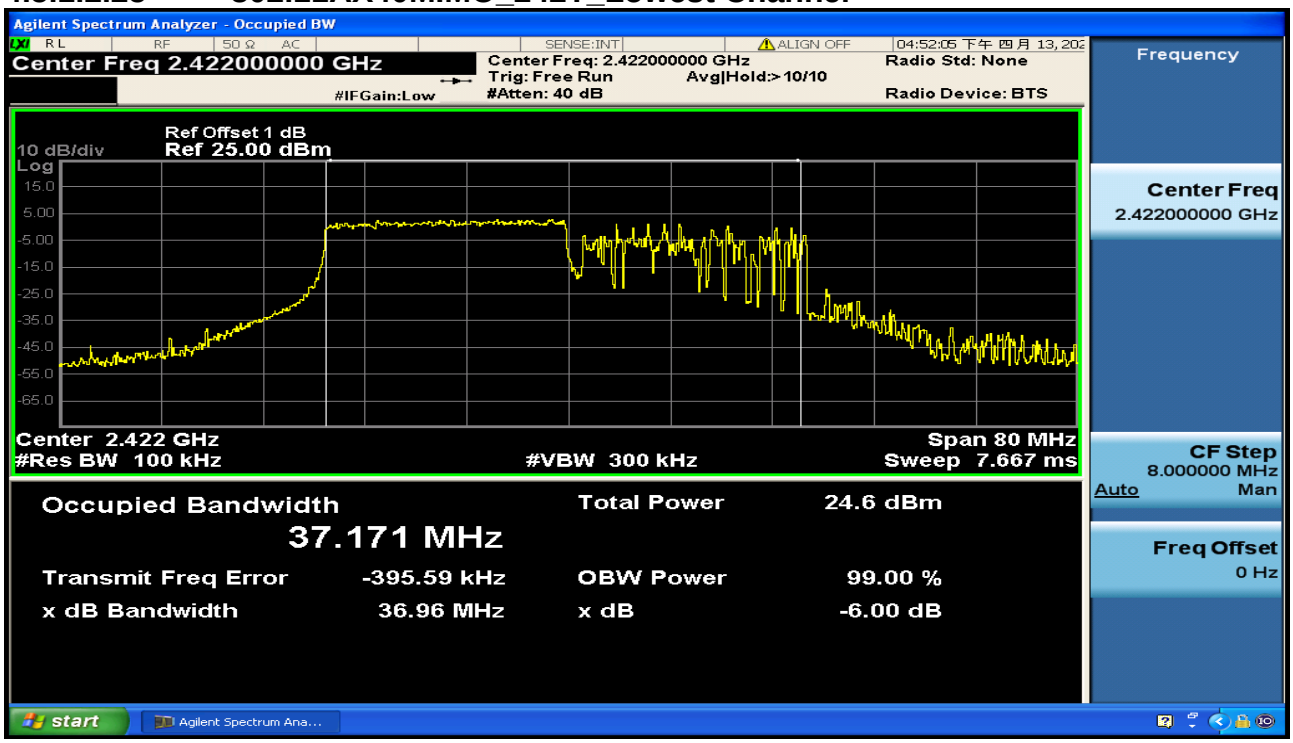
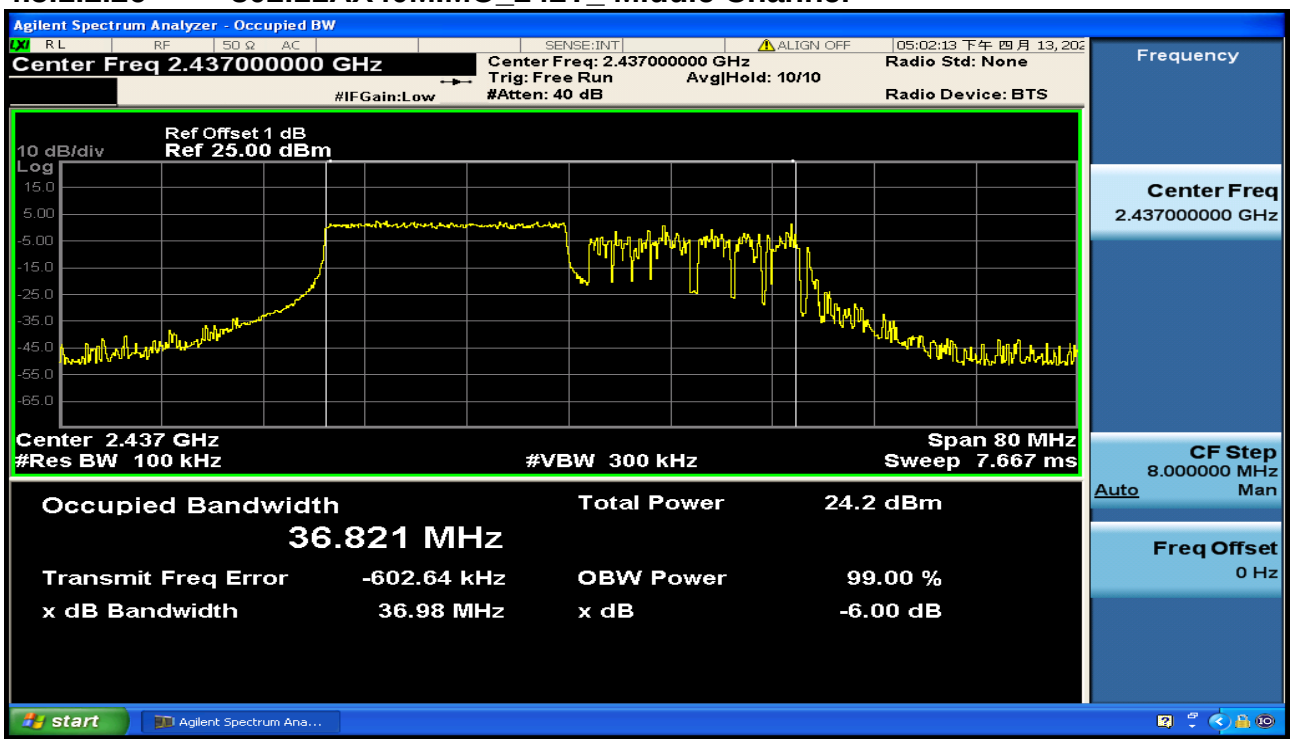
4.5.1.2.25 802.11AX40MIMO_242T_Lowest Channel



4.5.1.2.26 802.11AX40MIMO_242T_ Middle Channel



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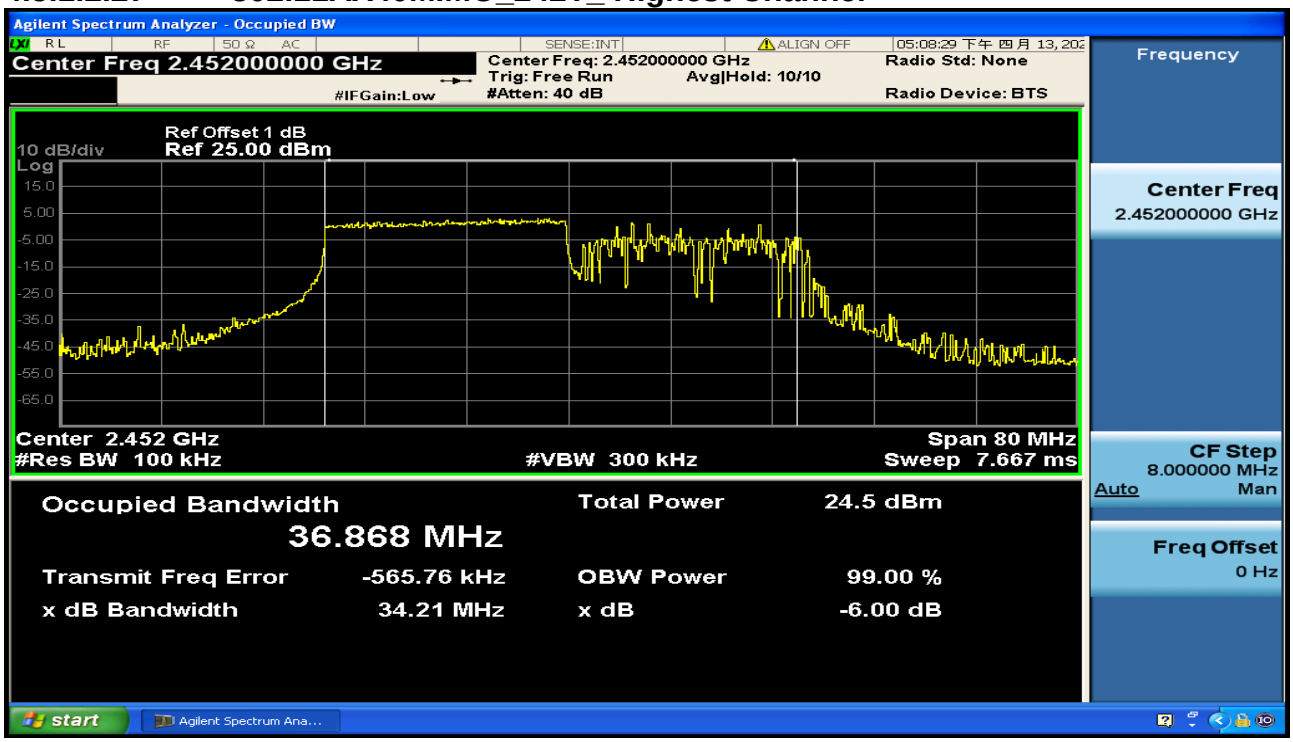
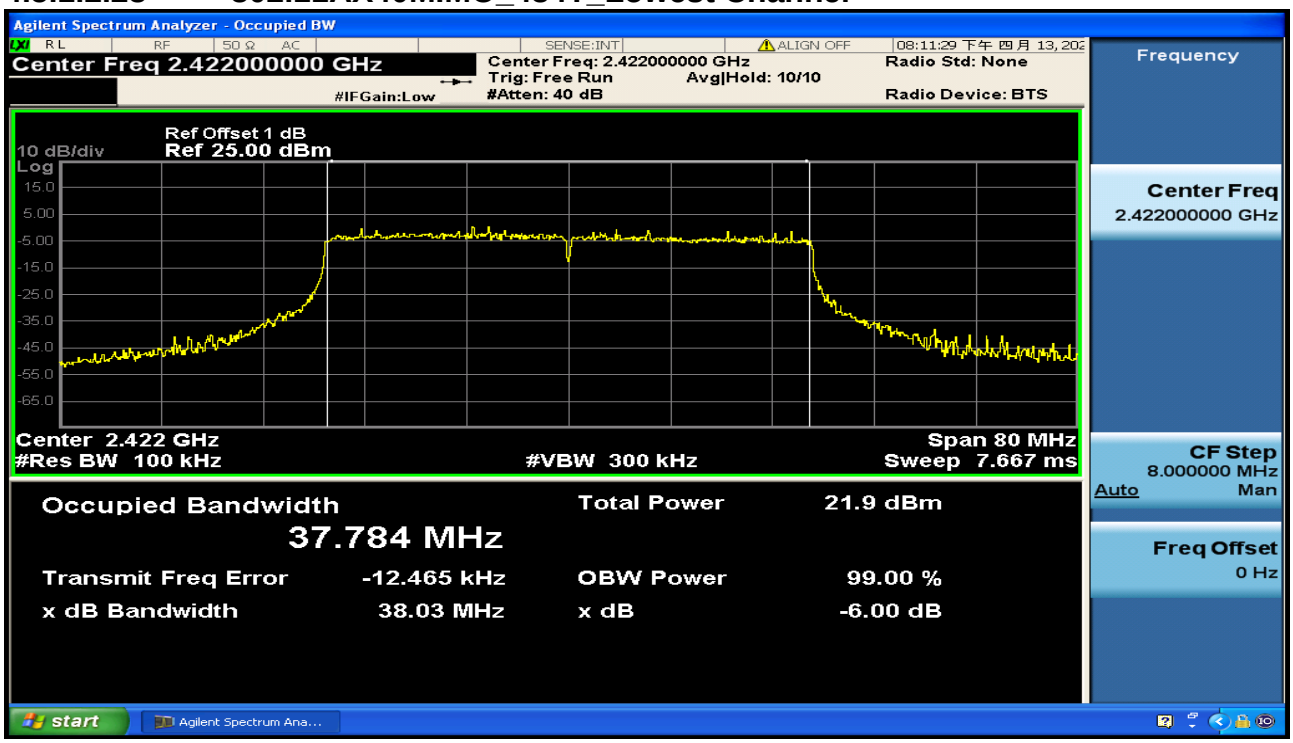
4.5.1.2.27 802.11AX40MIMO_242T_ Highest Channel



4.5.1.2.28 802.11AX40MIMO_484T_Lowest Channel



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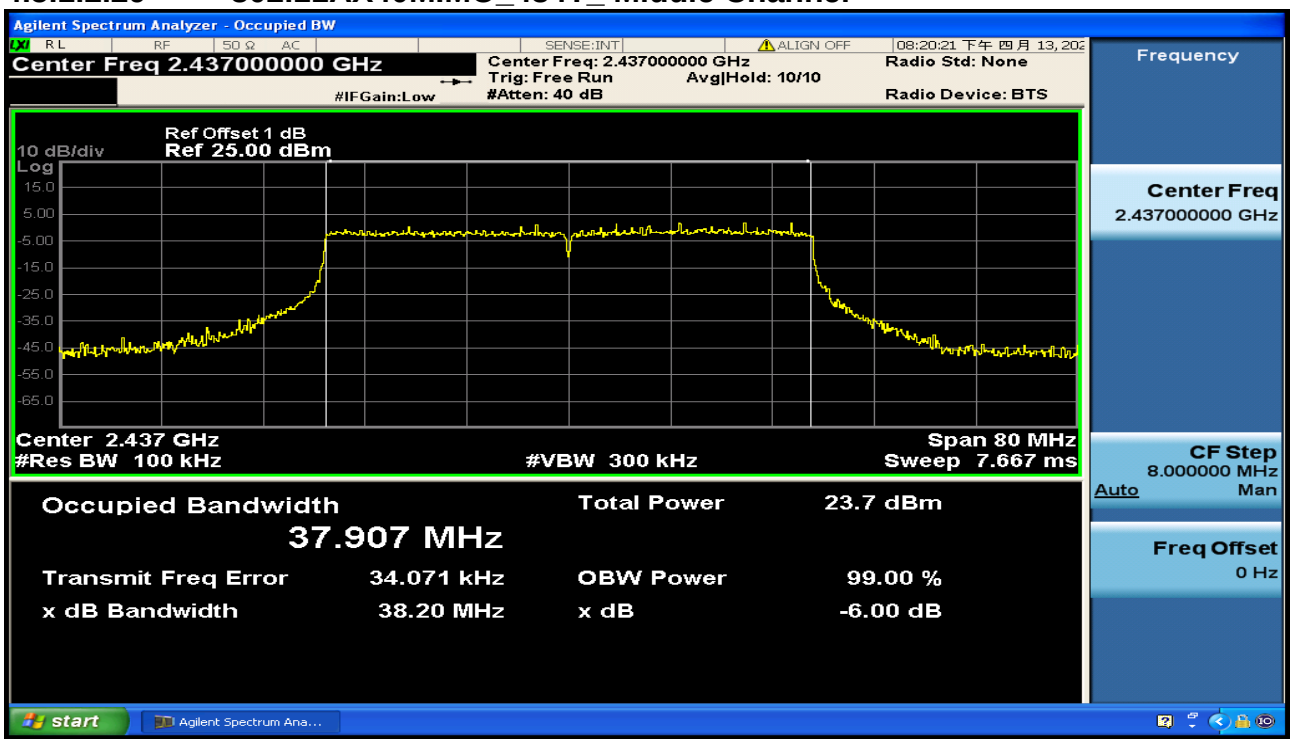
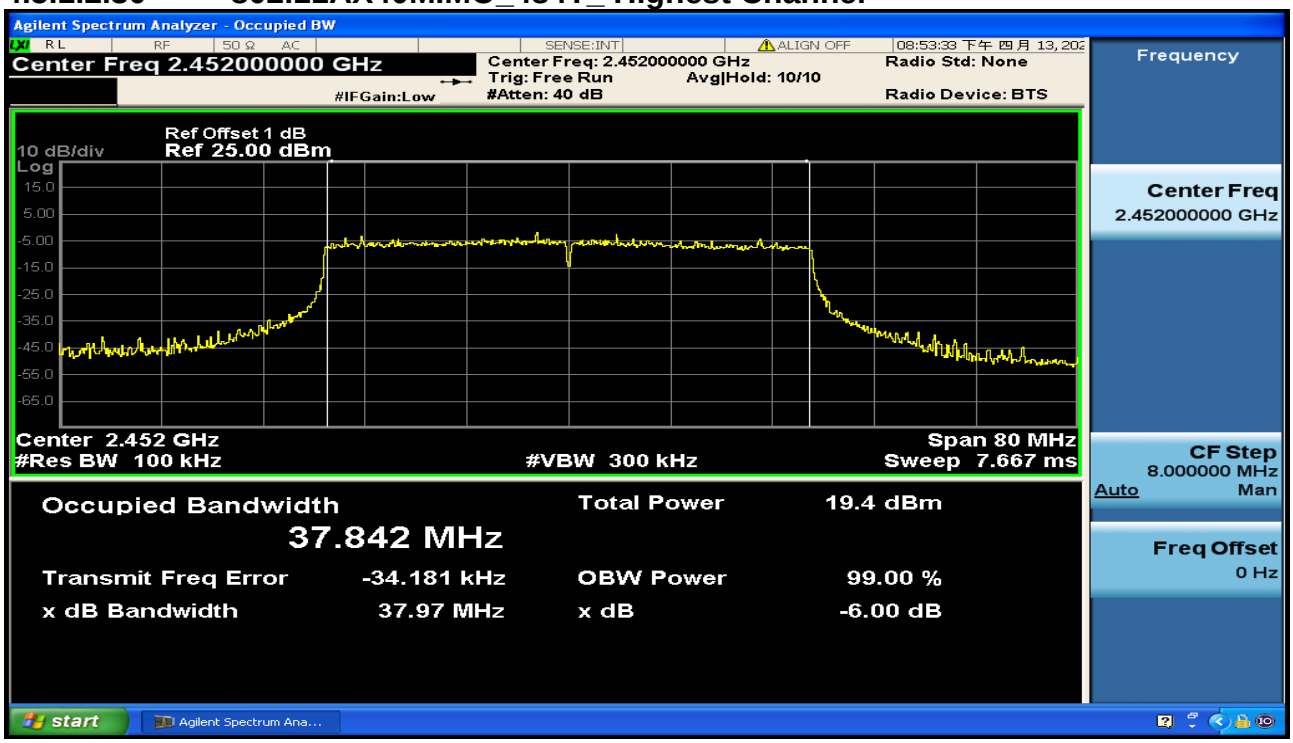
4.5.1.2.29 802.11AX40MIMO_484T_ Middle Channel



4.5.1.2.30 802.11AX40MIMO_484T_ Highest Channel



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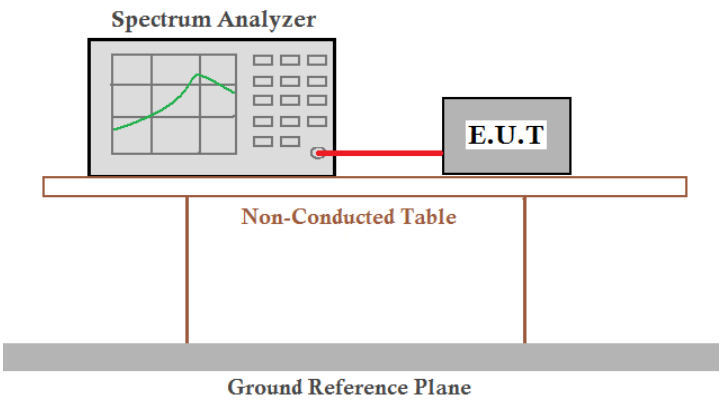
4.6 Power Spectral Density

Test Requirement:	47 CFR Part 15C Section 15.247 (e)
Test Method:	ANSI C63.10 :2013 Section 11.10.2
Test Setup:	
Test Instruments:	Refer to section 5.10 for details
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 ; MCS0 of rate is the worst case of 802.11N(HT20); MCS0 of rate is the worst case of 802.11N(HT40). MCS0 of rate is the worst case of 802.11AX(HT20). MCS0 of rate is the worst case of 802.11AX(HT40).
Limit:	≤8.00dBm/3kHz
Test Results:	Pass

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4.6.1 Test Results

Mode	Test Channel	Power Spectral Density			Limit (dBm/3kHz)	Result
		ANT1	ANT2	Sum		
802.11B	Lowest	-4.709	-5.866	-2.239	≤8.00	Pass
	Middle	-5.072	-5.299	-2.174	≤8.00	Pass
	Highest	-5.157	-6.044	-2.568	≤8.00	Pass
802.11G	Lowest	-5.381	-6.243	-2.780	≤8.00	Pass
	Middle	-6.145	-5.476	-2.787	≤8.00	Pass
	Highest	-5.432	-6.027	-2.709	≤8.00	Pass
802.11N20_MIMO	Lowest	-5.468	-5.414	-2.431	≤8.00	Pass
	Middle	-5.038	-5.020	-2.019	≤8.00	Pass
	Highest	-5.635	-5.860	-2.736	≤8.00	Pass
802.11N40_MIMO	Lowest	-7.917	-8.406	-5.144	≤8.00	Pass
	Middle	-8.350	-8.435	-5.382	≤8.00	Pass
	Highest	-7.614	-9.350	-5.386	≤8.00	Pass
802.11AX20 MIMO _26T	Lowest	-0.862	-9.555	-0.312	≤8.00	Pass
	Middle	-1.757	-1.406	1.432	≤8.00	Pass
	Highest	-1.445	-2.067	1.265	≤8.00	Pass
802.11AX20 MIMO _52T	Lowest	-3.134	-2.576	0.164	≤8.00	Pass
	Middle	-2.512	-3.462	0.049	≤8.00	Pass
	Highest	-2.235	-3.242	0.301	≤8.00	Pass
802.11AX20 MIMO _106T	Lowest	-5.930	-6.082	-2.995	≤8.00	Pass
	Middle	-5.961	-6.602	-3.259	≤8.00	Pass
	Highest	-5.374	-4.771	-2.052	≤8.00	Pass
802.11AX20 MIMO _242T	Lowest	-8.346	-8.371	-5.348	≤8.00	Pass
	Middle	-8.117	-9.093	-5.567	≤8.00	Pass
	Highest	-8.763	-8.091	-5.404	≤8.00	Pass
802.11AX40 MIMO _242T	Lowest	-9.297	-9.082	-6.178	≤8.00	Pass
	Middle	-8.707	-9.332	-5.998	≤8.00	Pass
	Highest	-8.819	-8.992	-5.894	≤8.00	Pass
802.11AX40 MIMO _484T	Lowest	-11.303	-13.514	-9.259	≤8.00	Pass
	Middle	-10.611	-11.319	-7.940	≤8.00	Pass
	Highest	-10.664	-12.537	-8.490	≤8.00	Pass

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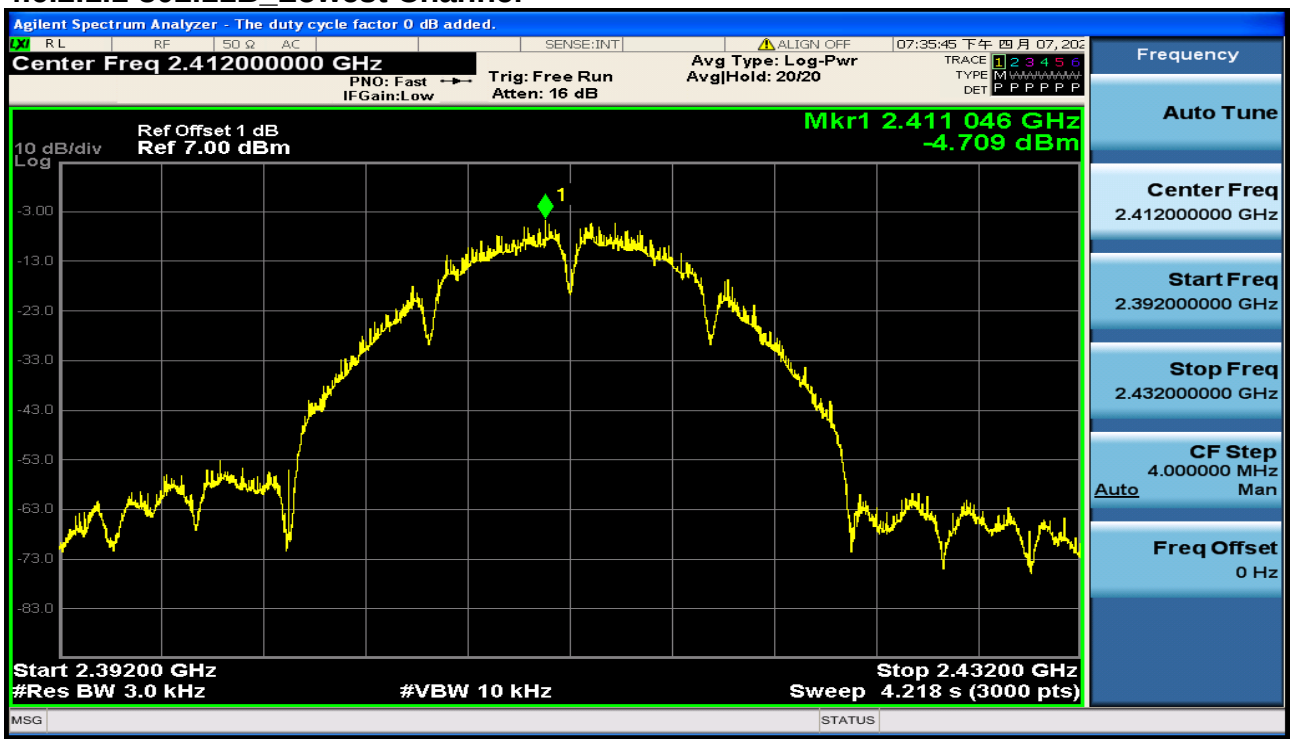
4.6.2 Test plots

4.6.2.1 CDD & MIMO_ANT1

4.6.2.1.1 802.11B_Lowest Channel



4.6.2.1.2 802.11B_ Middle Channel

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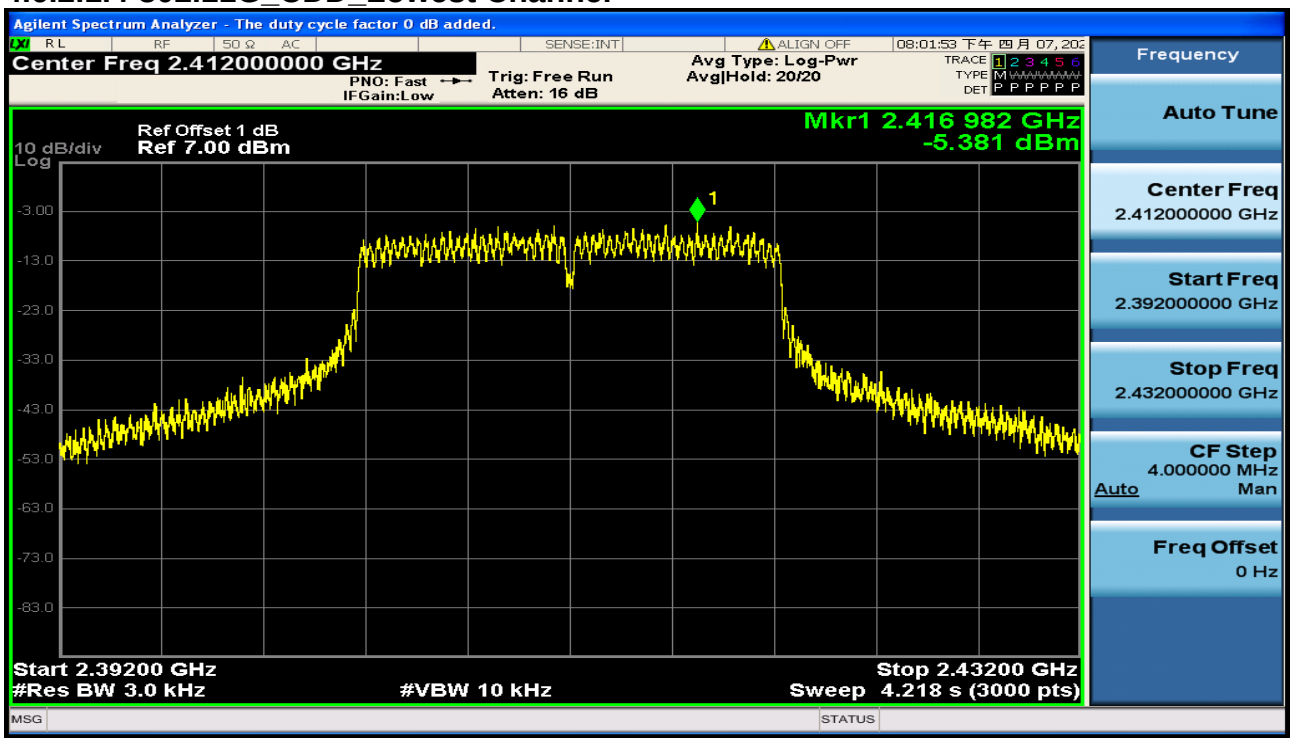
4.6.2.1.3 802.11B_ Highest Channel

4.6.2.1.4 802.11G_CDD_Lowest Channel



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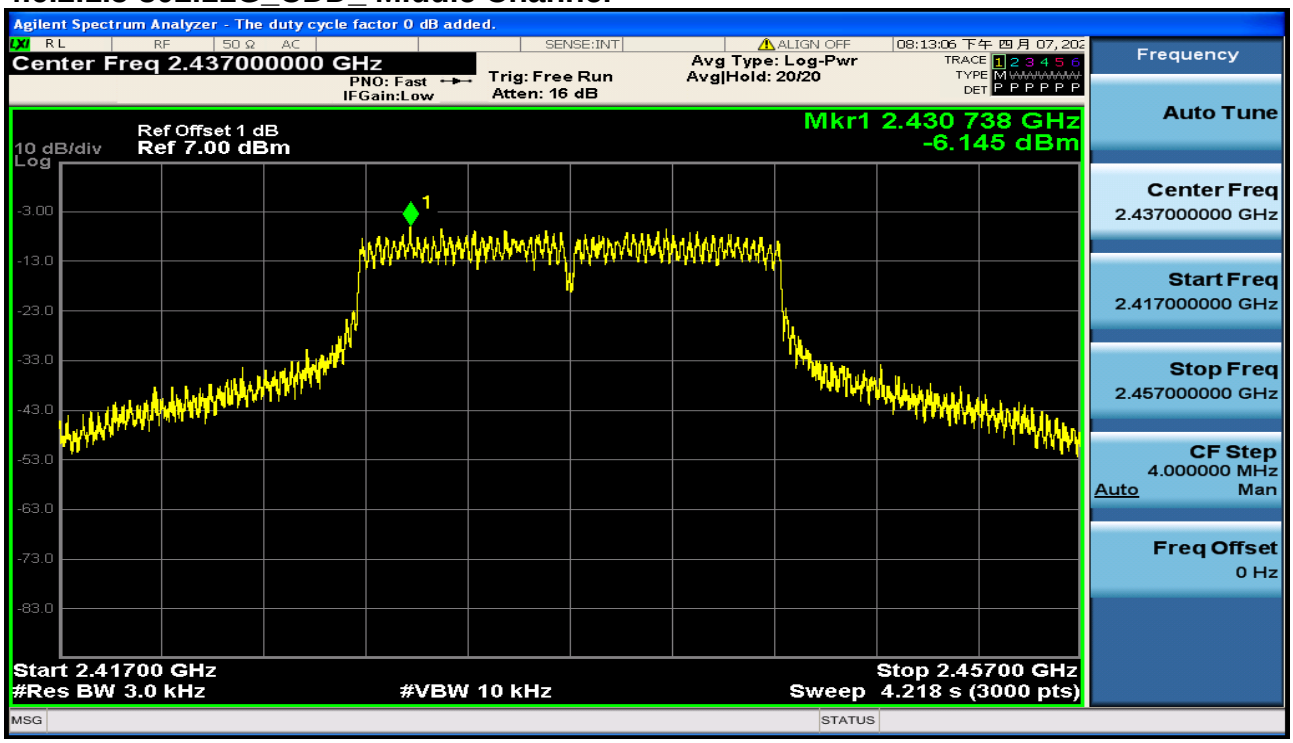
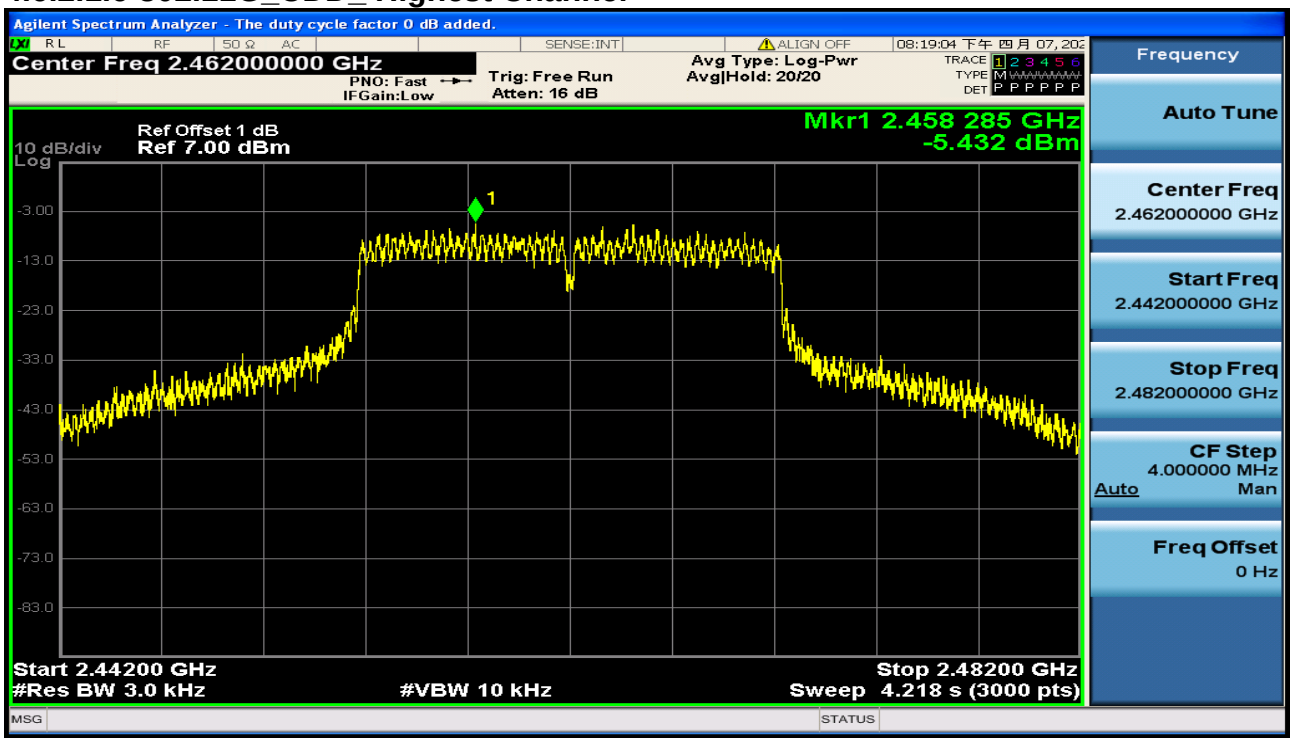
4.6.2.1.5 802.11G_CDD_ Middle Channel



4.6.2.1.6 802.11G_CDD_ Highest Channel



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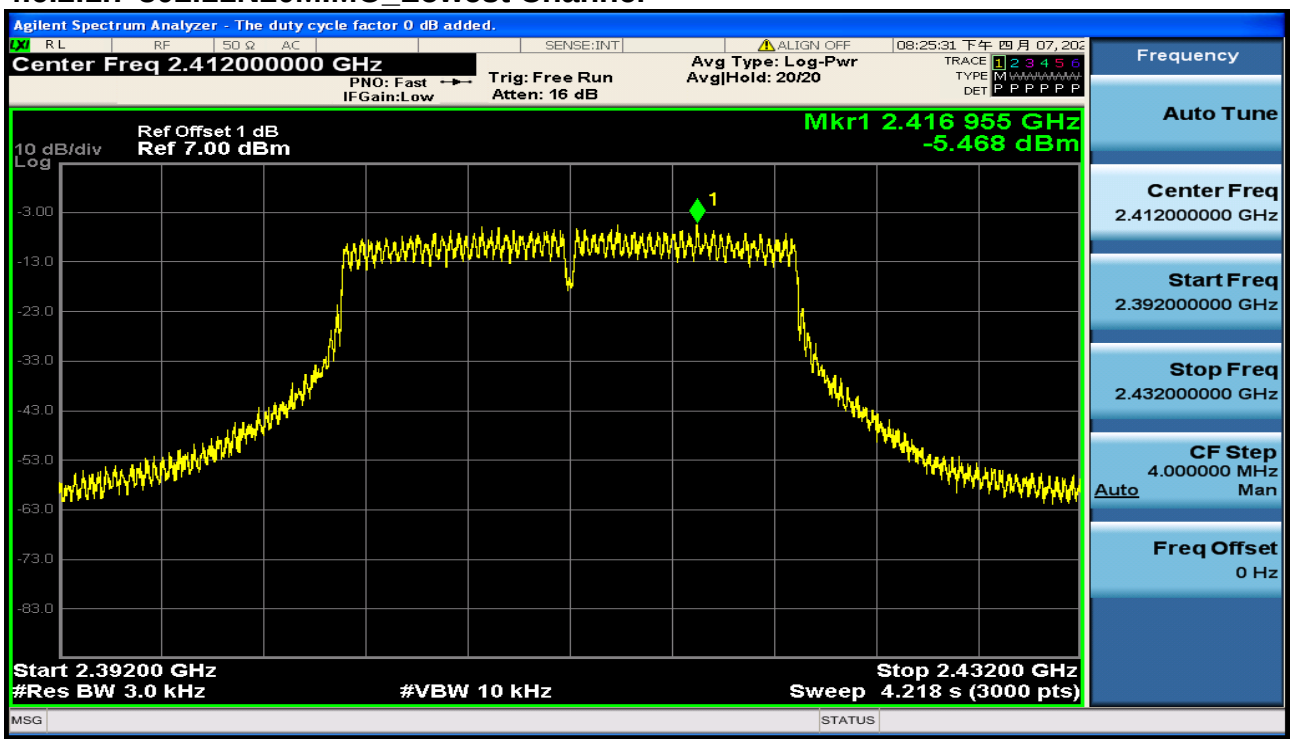
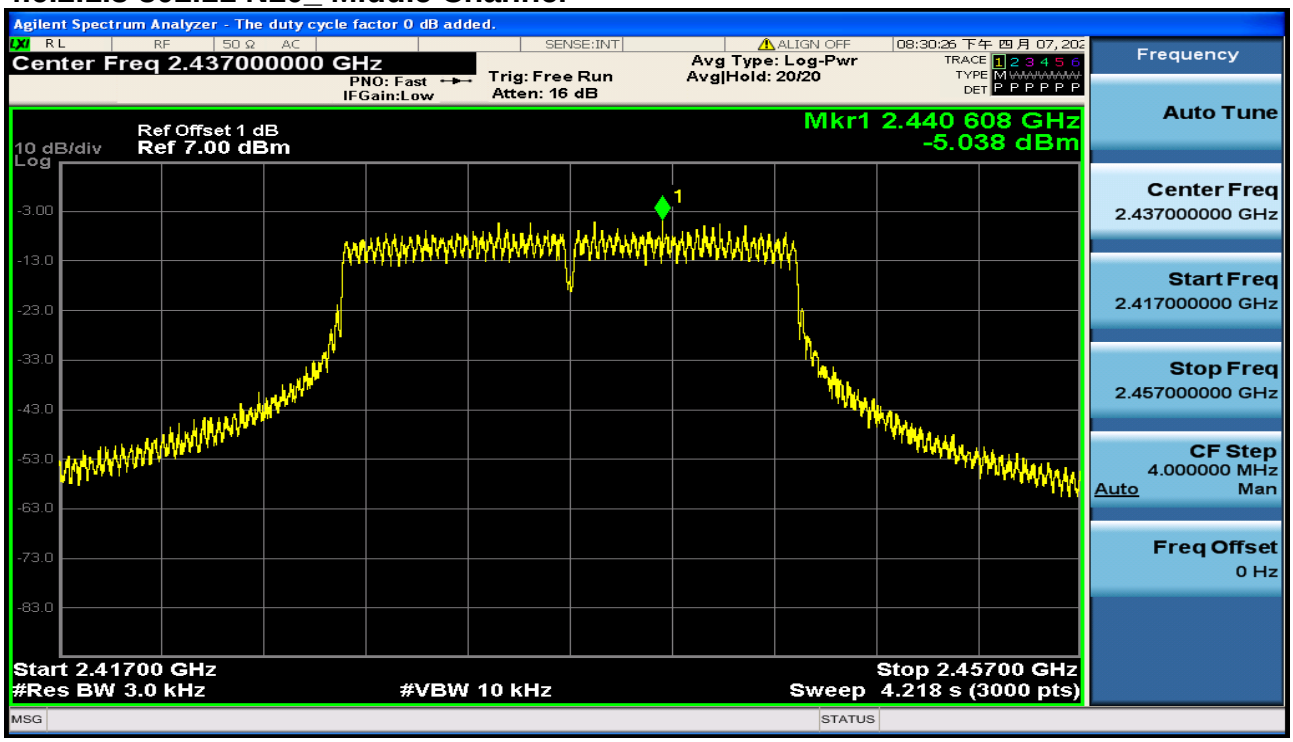
4.6.2.1.7 802.11N20MIMO_Lowest Channel



4.6.2.1.8 802.11 N20_ Middle Channel



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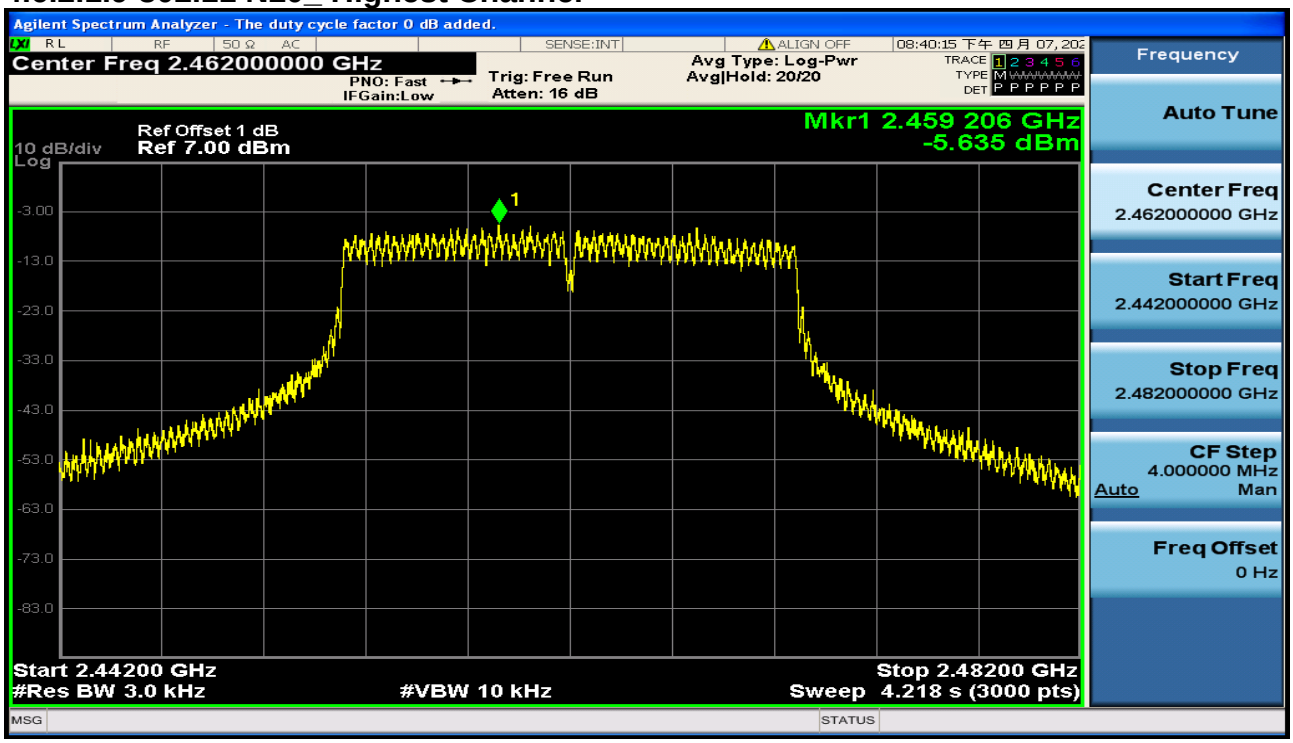
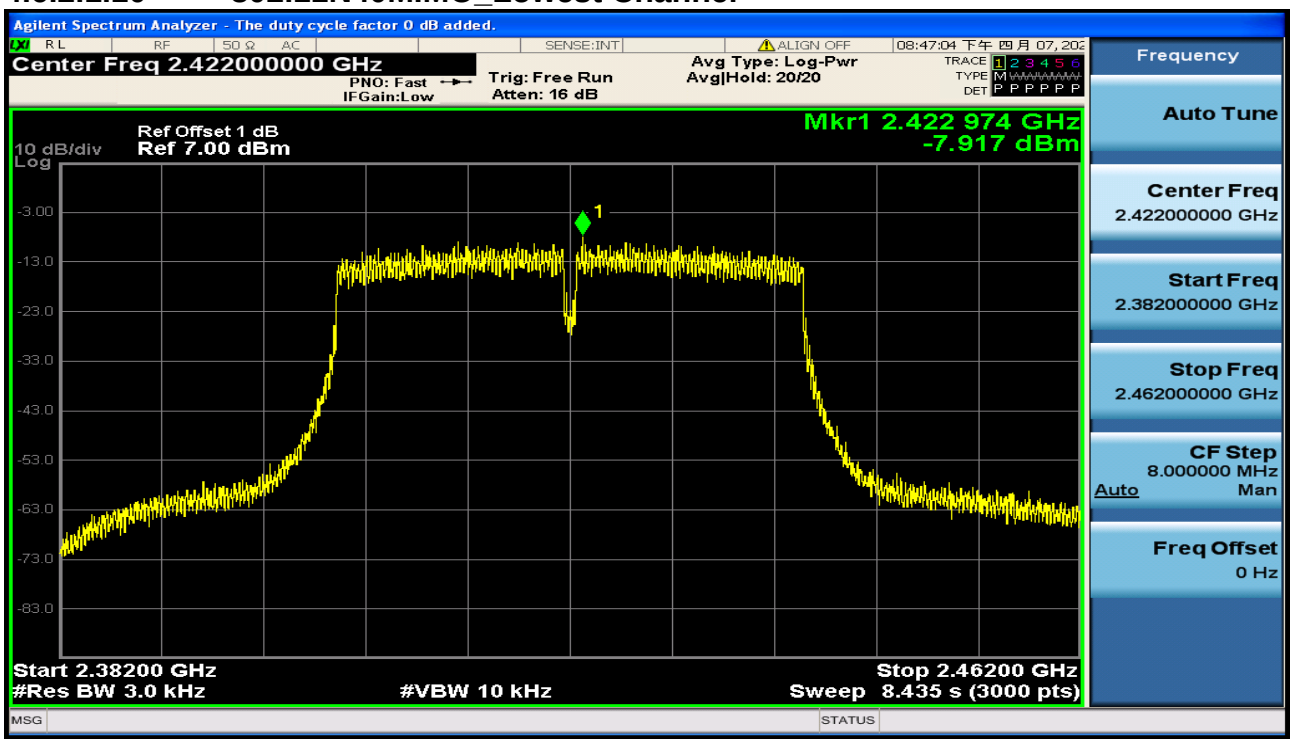
4.6.2.1.9 802.11 N20_ Highest Channel



4.6.2.1.10 802.11N40MIMO_Lowest Channel



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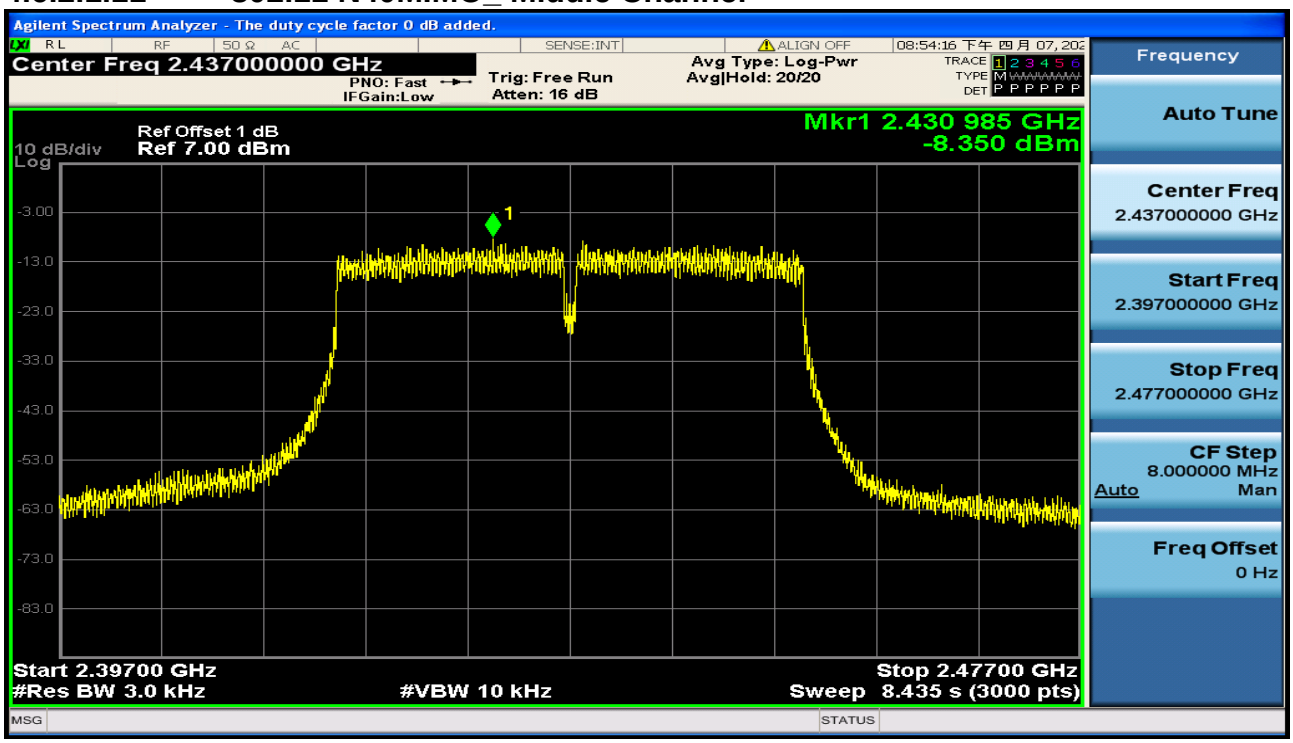
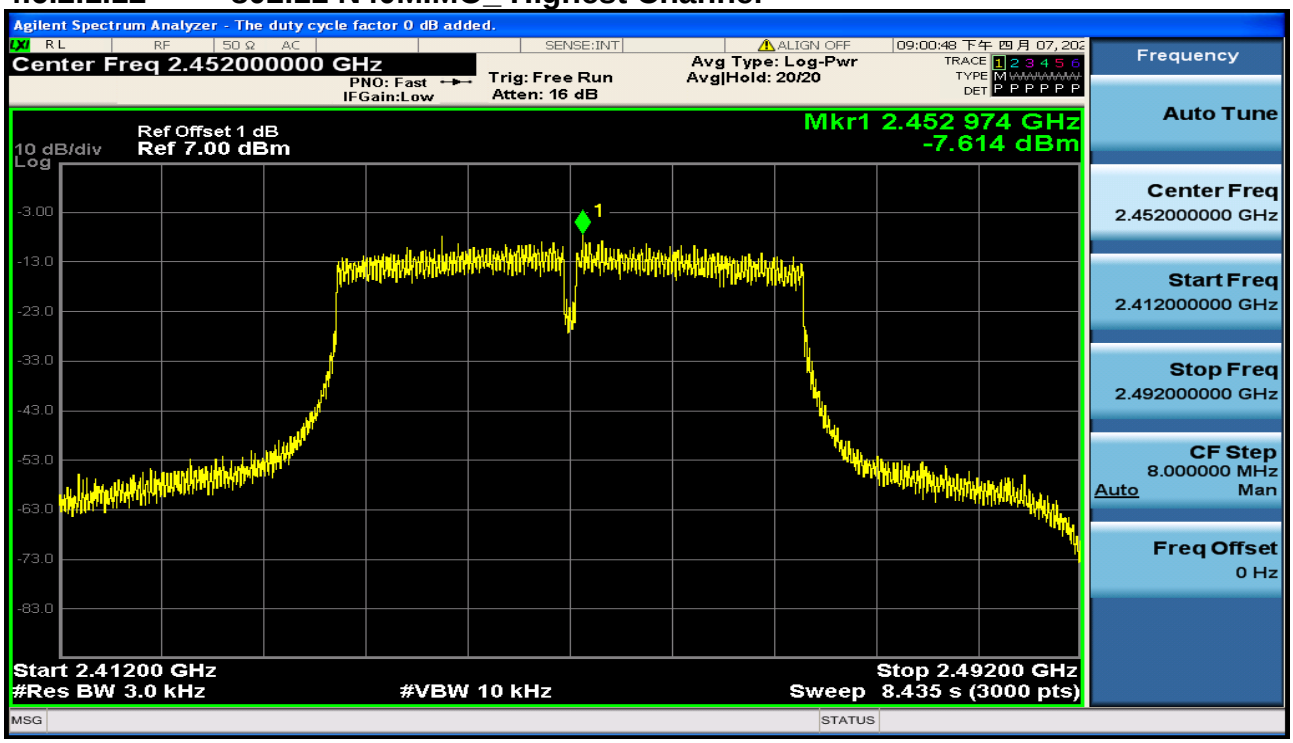
4.6.2.1.11 802.11 N40MIMO_ Middle Channel



4.6.2.1.12 802.11 N40MIMO_ Highest Channel



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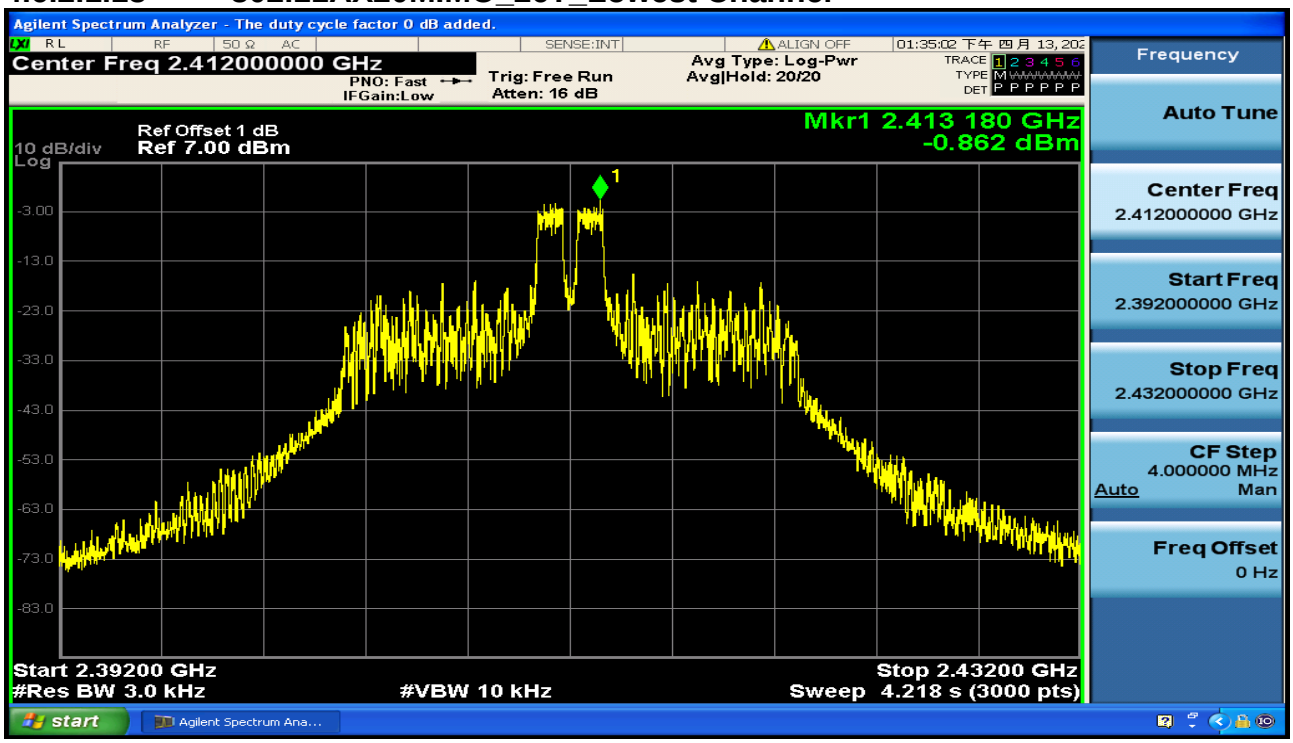
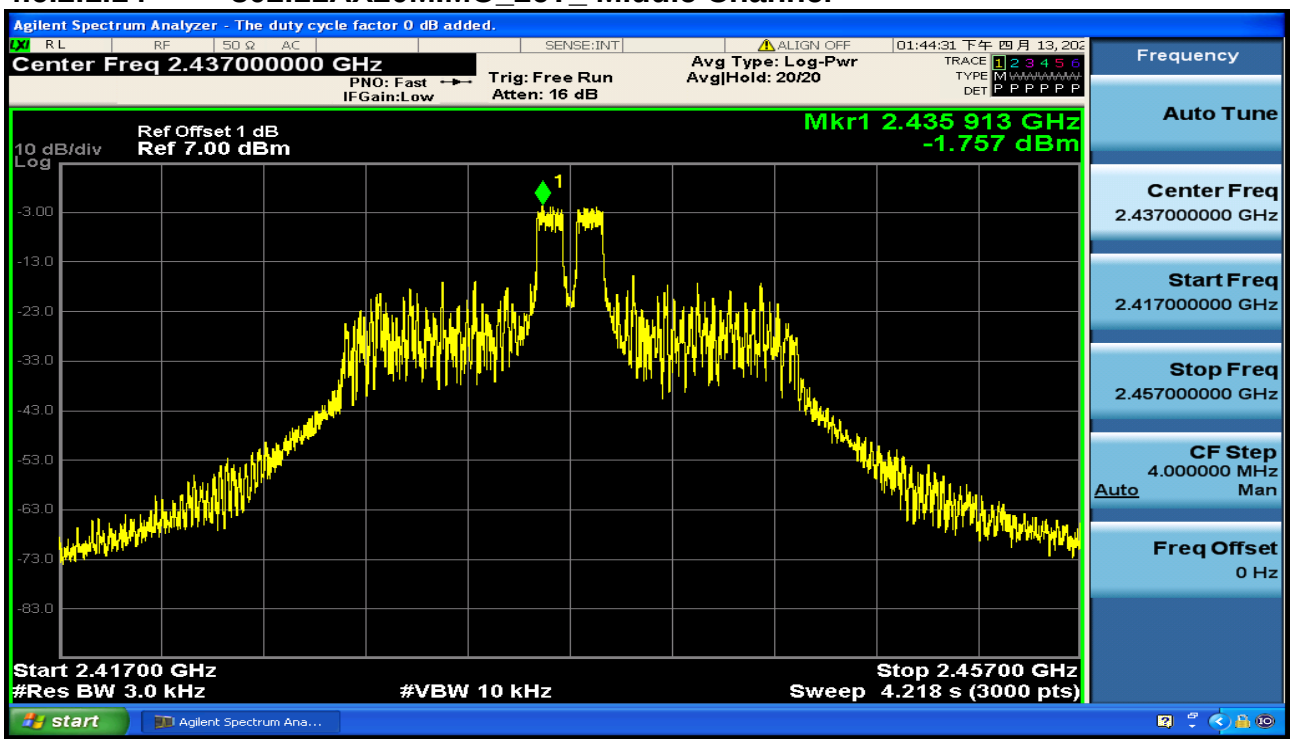
4.6.2.1.13 802.11AX20MIMO_26T_Lowest Channel



4.6.2.1.14 802.11AX20MIMO_26T_ Middle Channel



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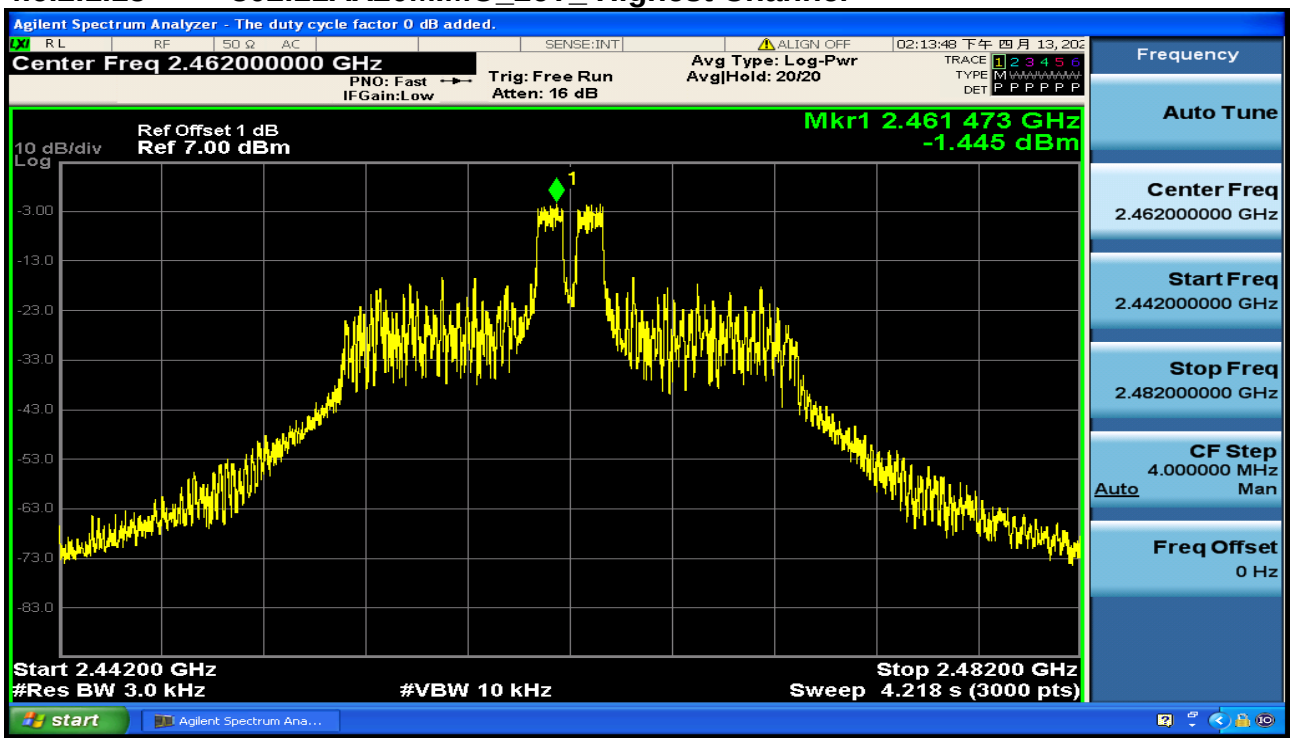
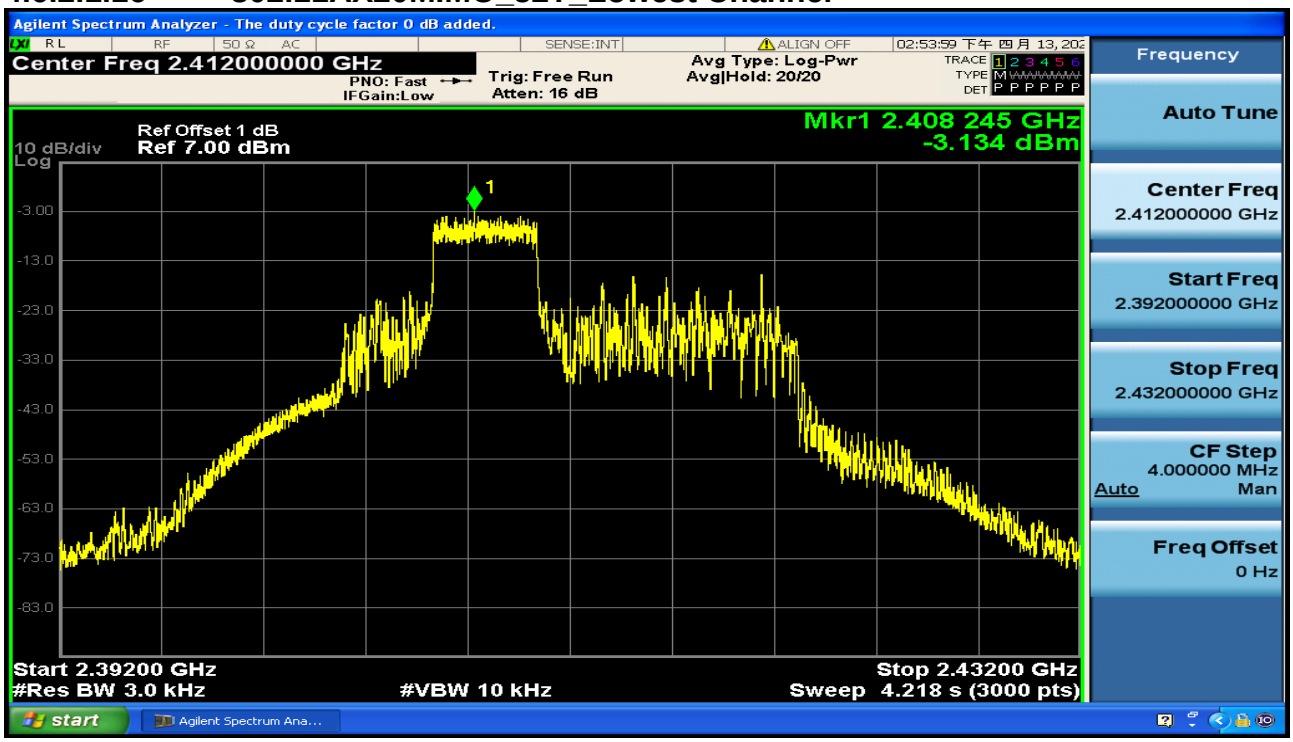
4.6.2.1.15 802.11AX20MIMO_26T_ Highest Channel



4.6.2.1.16 802.11AX20MIMO_52T_Lowest Channel



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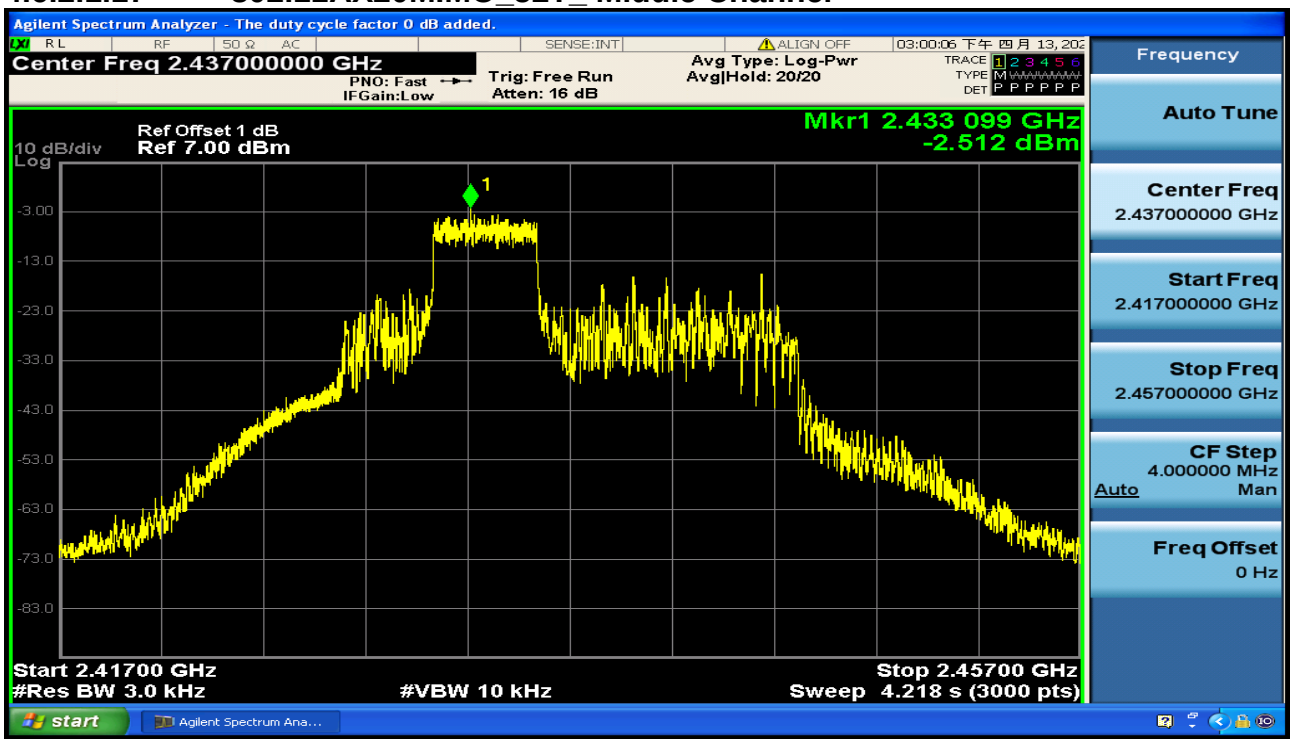
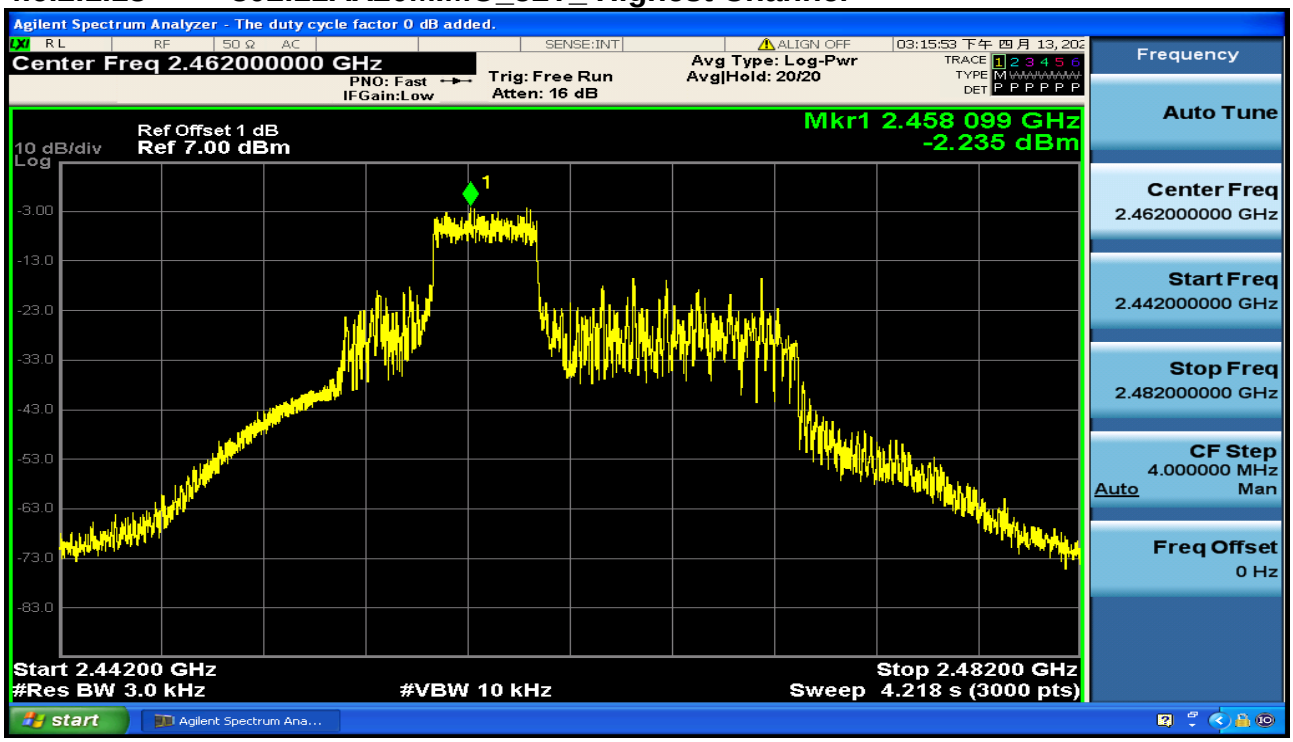
4.6.2.1.17 802.11AX20MIMO_52T_ Middle Channel



4.6.2.1.18 802.11AX20MIMO_52T_ Highest Channel



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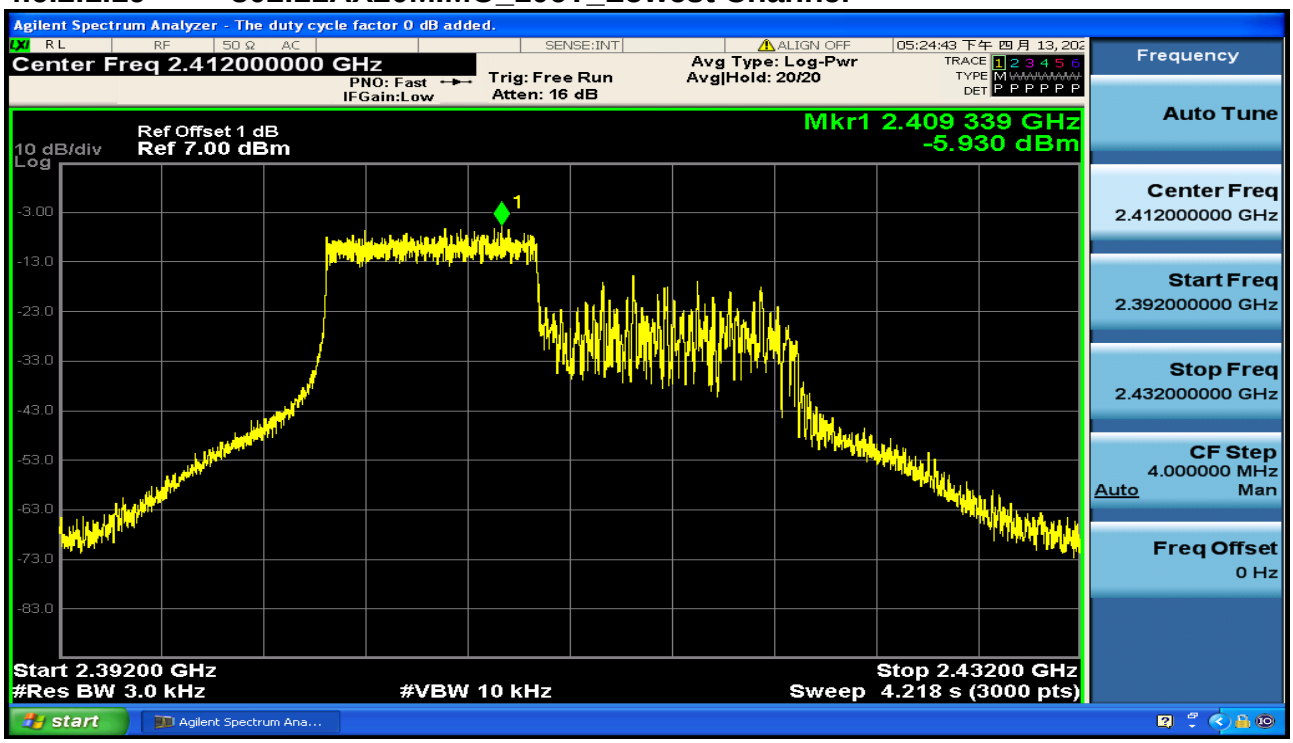
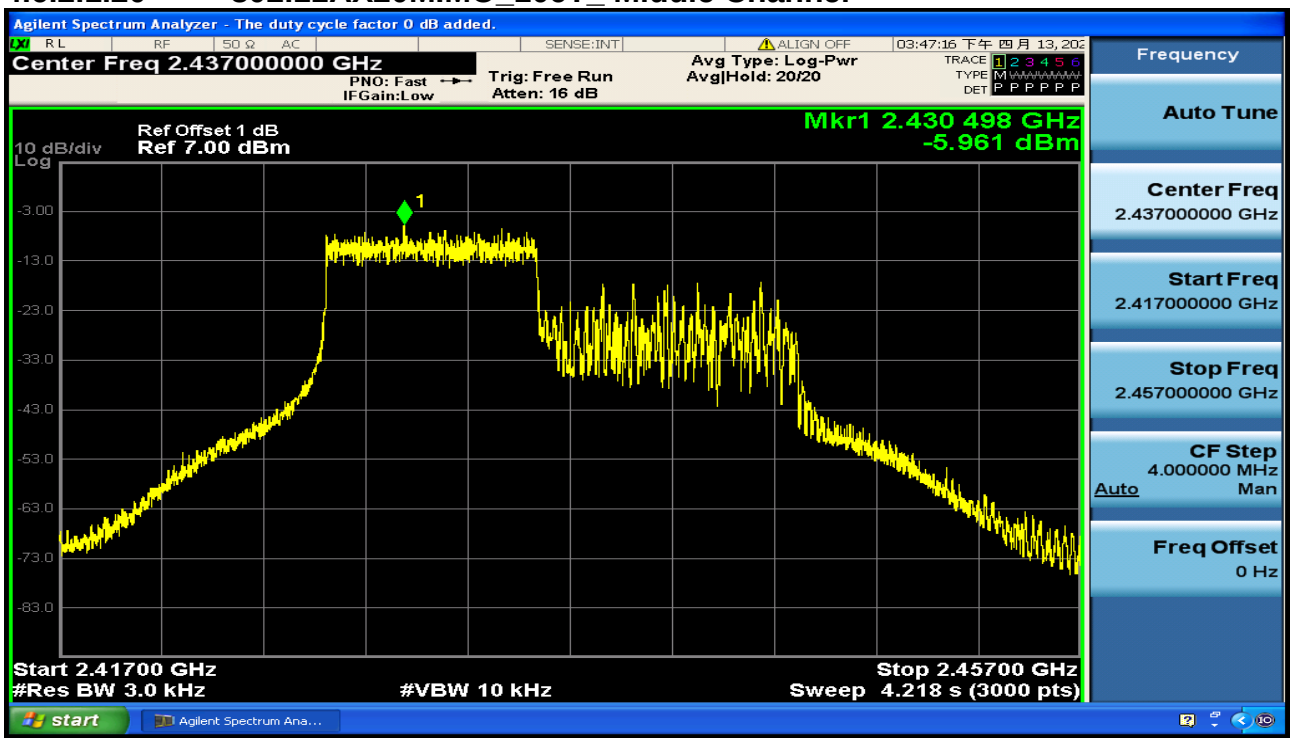
4.6.2.1.19 802.11AX20MIMO_106T_Lowest Channel



4.6.2.1.20 802.11AX20MIMO_106T_ Middle Channel



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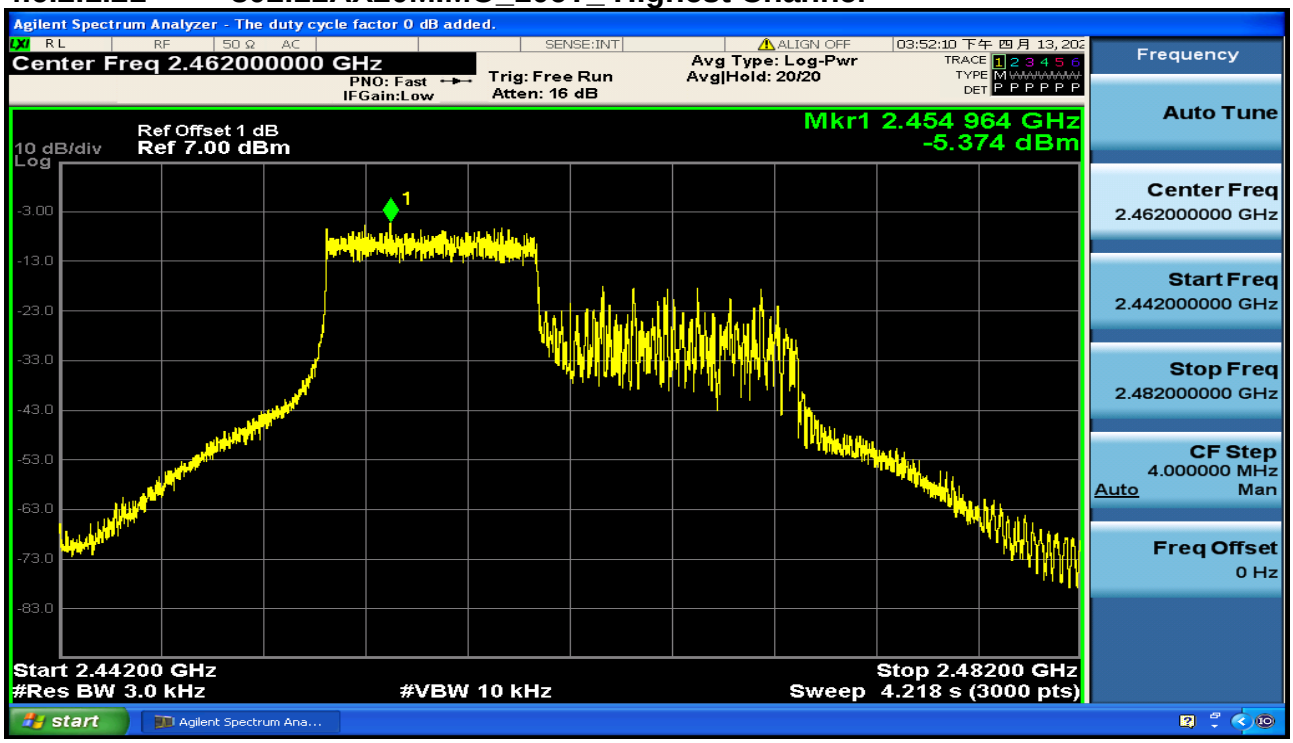
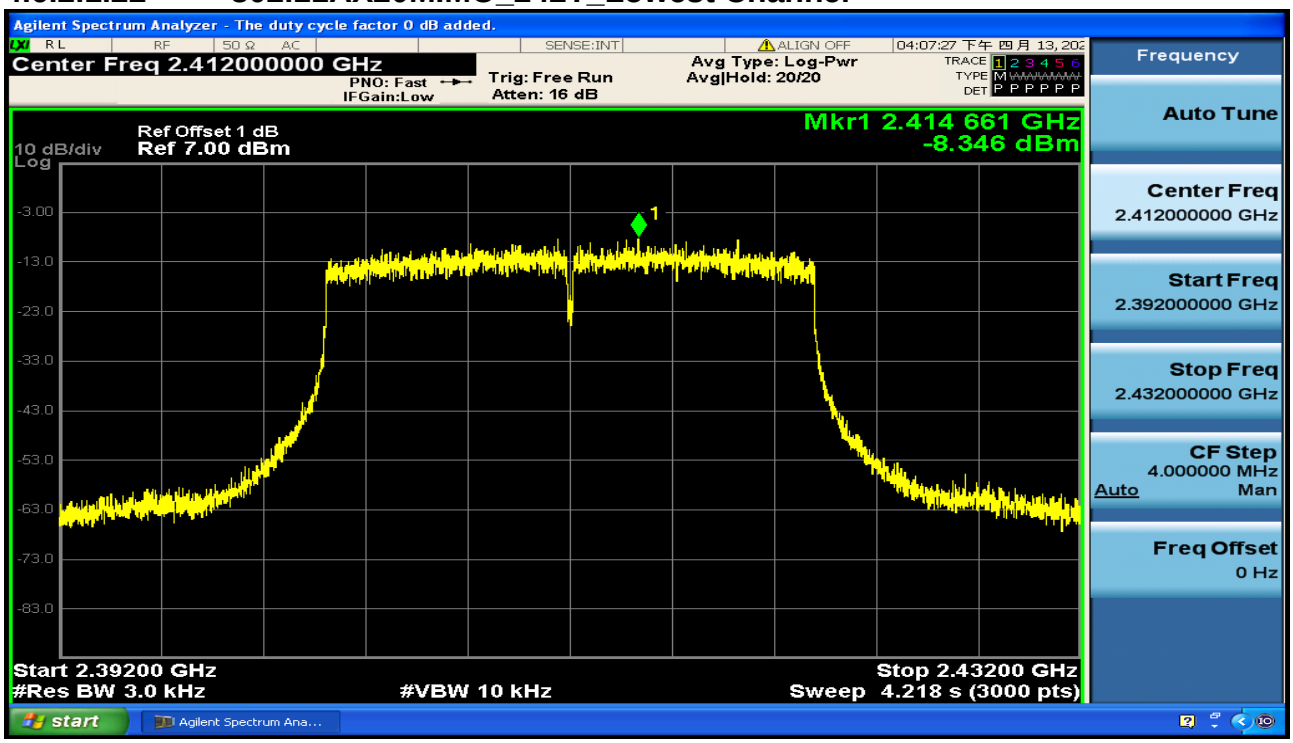
4.6.2.1.21 802.11AX20MIMO_106T_ Highest Channel



4.6.2.1.22 802.11AX20MIMO_242T_Lowest Channel



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