FCCTEST REPORT

Application No:	ZR/2020/30010
Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
EUT Description:	Mobile Phone
Model No.:	M2004J11G
Trade Mark:	POCO
FCC ID:	2AFZZJ11G
Standards:	47 CFR FCC Part 2, Subpart J 47 CFR Part 15, Subpart C
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10 (2013)
Date of Receipt:	2020/3/12
Date of Test:	2020/3/13 to 2020/4/27
Date of Issue:	2020/4/27
Test Result:	**PASS ***

.* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Derek Yang
Wireless Laboratory Manager

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1 Version

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
00		2020/4/27		Original

Authorized for issue by:				
Tested By		Mike Hu **(Mike Hu) /Project Engineer**		2020/4/27 **Date**
Checked By		David Chen **(David Chen) /Reviewer**		2020/4/27 **Date**

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Inspection & Testing Services
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. Shenzhen Branch Technical Services Co., Ltd. Laboratory.

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2 Test Summary

Test Item	Test Requirement	Test method	Test Result	Result
AC Power Line Conducted Emission	15.207	ANSI C63.10 2013	Clause 4.2	PASS
Duty Cycle	--	--	Clause 4.3	PASS
Conducted Output Power	15.247 (b)(3)	ANSI C63.10 2013	Clause 4.4	PASS
DTS (6 dB) Bandwidth & 99% Occupied Bandwidth	15.247 (a)(2)	ANSI C63.10 2013	Clause 4.5	PASS
Power Spectral Density	15.247 (e)	ANSI C63.10 2013	Clause 4.6	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10 2013	Clause 4.7	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10 2013	Clause 4.8	PASS
Radiated Spurious Emissions	15.247(d); 15.205/15.209	ANSI C63.10 2013	Clause 4.9	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d); 15.205/15.209	ANSI C63.10 2013	Clause 4.10	PASS

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3 General Information

3.1 Client Information

Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

3.2 Test Location

Company:	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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E-mail:	ee.shenzhen@sgs.com

3.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1178

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

• Industry Canada (IC)

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

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3.4 General Description of EUT

EUT Description:	Mobile Phone
Model No.:	M2004J11G
Trade Mark:	POCO
Hardware Version:	P2
Software Version:	MIUI11
IEEE 802.11 WLAN Mode Supported	☒ 802.11B (20 MHz channel bandwidth), ☒ 802.11G (20 MHz channel bandwidth) ☒ 802.11N (20 MHz channel bandwidth), ☒ 802.11N (40 MHz channel bandwidth) ☒ 802.11AX (20 MHz channel bandwidth), ☒ 802.11AX (40 MHz channel bandwidth)
Operation Frequency:	2400 MHz -2483.5MHz fc = 2407 MHz + N * 5 MHz, where: -fc = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 1 to 11 for the 20 MHz channel bandwidth, or 3 to 9 for the 40 MHz channel bandwidth.
Type of Modulation:	IEEE for 802.11B: DSSS IEEE for 802.11G : OFDM IEEE for 802.11N(HT20) : OFDM IEEE for 802.11N(HT40) : OFDM IEEE for 802.11AX(HT20) : OFDM IEEE for 802.11AX(HT40) : OFDM
Sample Type:	☒ Portable Device, ☐Module
Antenna Type:	PIFA Antenna
Antenna Ports:	☒ Ant 1, ☒Ant 2, ☐ Ant 3
Smart System:	☐ SISO (for 802.11B/G/N/AX), ☒ MIMO (for 802.11B/G/N/AX): 2 Tx &2 Rx, ☐ Diversity (for 802.11B/G) : Tx & Rx
Antenna Gain:	Ant1: -2.06dBi;Ant2:-1.43dBi
Power Supply:	☐ AC/DC Adapter; ☒ Battery ☐ PoE:; ☐ Other:

Operation Frequency of each channel (802.11B/G/N/AX HT20)							
Channel	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		
Operation Frequency of each channel (802.11N/AX HT40)							
Channel	Frequency	Channel	Frequency	Channel	Frequency		
3	2422MHz	6	2437MHz	9	2452MHz		
4	2427MHz	7	2442MHz				

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5	2432MHz	8	2447MHz	

Remark:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency for 802.11B/G/N/AX (HT20)	Frequency for 802.11N/AX (HT40)
The Lowest channel	2412MHz	2422MHz
The Middle channel	2437MHz	2437MHz
The Highest channel	2462MHz	2452MHz

3.5 Test Environment and Mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	50 % RH
Atmospheric Pressure:	101.30KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.

3.6 Description of Support Units

The EUT has been tested independent unit.

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4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203 /247(c)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	
The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is -1.43dBi.	

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4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarithm of the frequency.		
Test Procedure:	1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT wereconnected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of Equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.		

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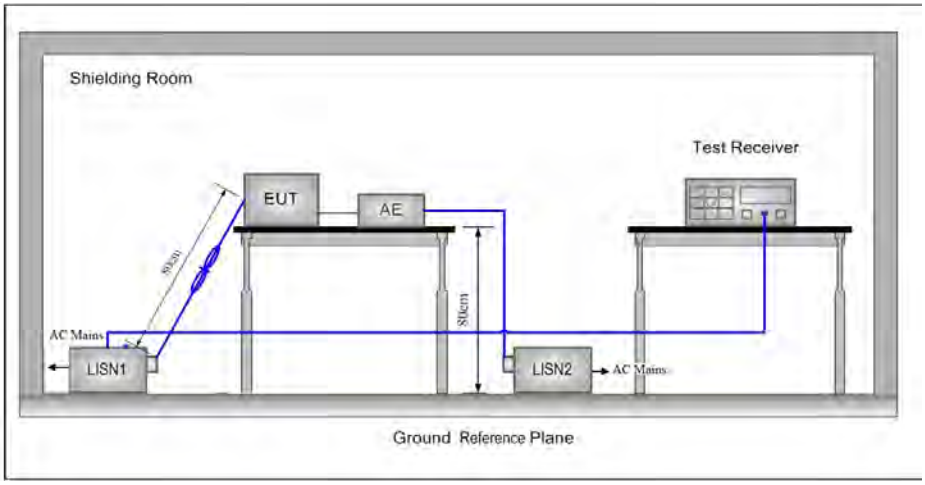
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel. Charge + Transmitting mode.
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate of 802.11B at lowest channel is the worst case. Charge + Transmitting mode. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

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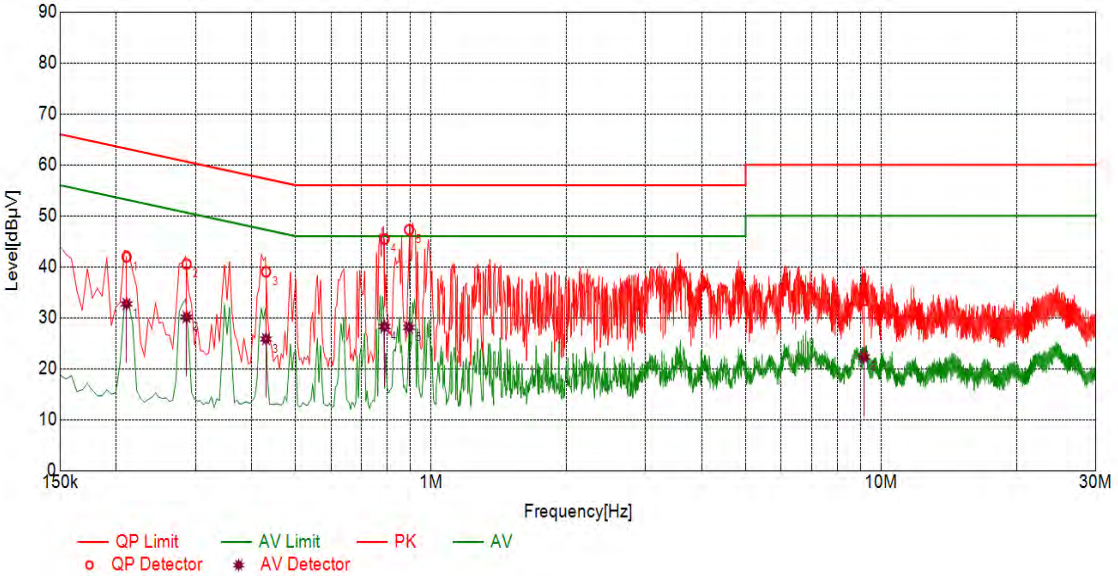
Measurement Data
An initial pre-scan was performed on the live and neutral lines with peak detector.
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.
Live Line:



Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type
1	0.2108	10.10	41.95	63.17	21.22	32.71	53.17	20.46	L
2	0.2865	10.10	40.53	60.62	20.09	30.11	50.62	20.51	L
3	0.4302	10.10	39.02	57.25	18.23	25.82	47.25	21.43	L
4	0.7888	10.10	45.46	56.00	10.54	28.25	46.00	17.75	L
5	0.8940	10.10	47.26	56.00	8.74	28.11	46.00	17.89	L
6	9.1598	10.10	33.43	60.00	26.57	22.28	50.00	27.72	L

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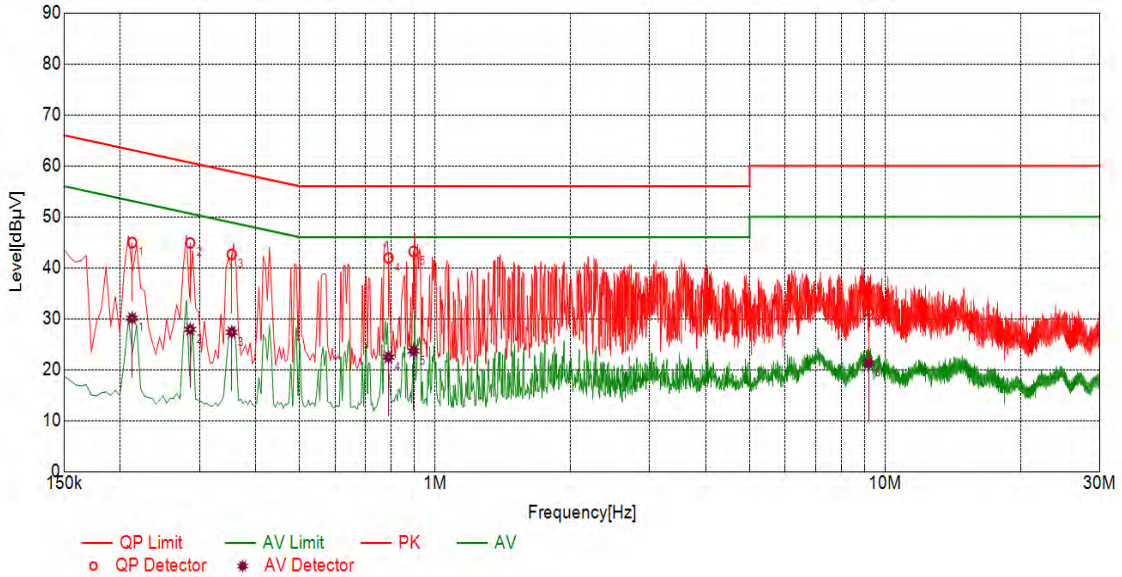
Neutral Line:



Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type
1	0.2125	10.10	44.96	63.11	18.15	30.09	53.11	23.02	N
2	0.2860	10.10	44.88	60.64	15.76	27.90	50.64	22.74	N
3	0.3537	10.10	42.64	58.88	16.24	27.34	48.88	21.54	N
4	0.7888	10.10	41.92	56.00	14.08	22.47	46.00	23.53	N
5	0.8963	10.10	43.21	56.00	12.79	23.69	46.00	22.31	N
6	9.1929	10.10	31.53	60.00	28.47	21.28	50.00	28.72	N

Remarks:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

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4.3 Duty Cycle

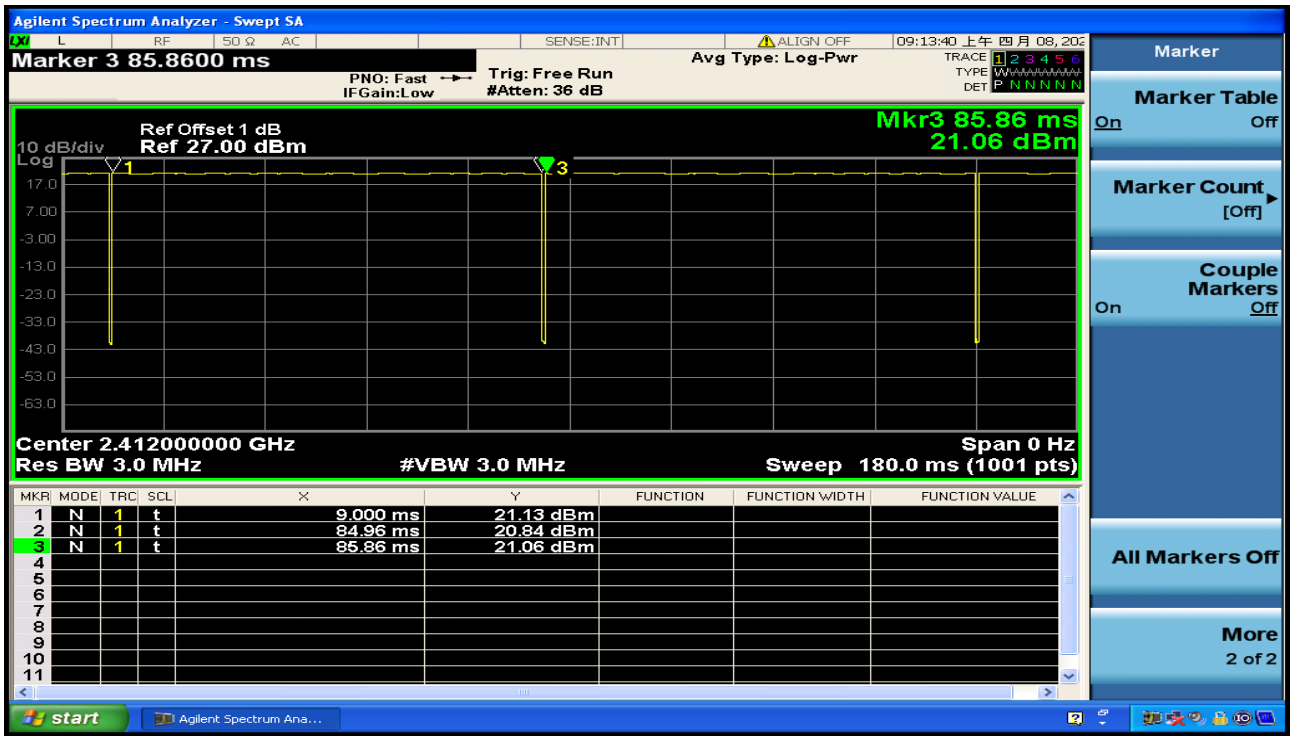
4.3.1 Test Results

Test Mode	TX Freq. [MHz]	Duty cycle [%]	
		Ant1	Ant2
11B	CH1,CH6,CH11	98.83	98.83
11G	CH1,CH6,CH11	98.43	98.40
11N20MIMO	CH1,CH6,CH11	98.06	98.74
11N40MIMO	CH3,CH6,CH9	98.74	97.76
11AX20MIMO_26T	CH1,CH6,CH11	98.63	98.82
11AX20MIMO_52T	CH1,CH6,CH11	99.02	99.35
11AX20MIMO_106T	CH1,CH6,CH11	98.94	99.37
11AX20MIMO_242T	CH1,CH6,CH11	99.40	99.51
11AX40MIMO_242T	CH3,CH6,CH9	98.30	98.59
11AX40MIMO_484T	CH3,CH6,CH9	98.72	98.93

4.3.1 Test Plots

4.3.1.1 ANT1

4.3.1.1.1 11B



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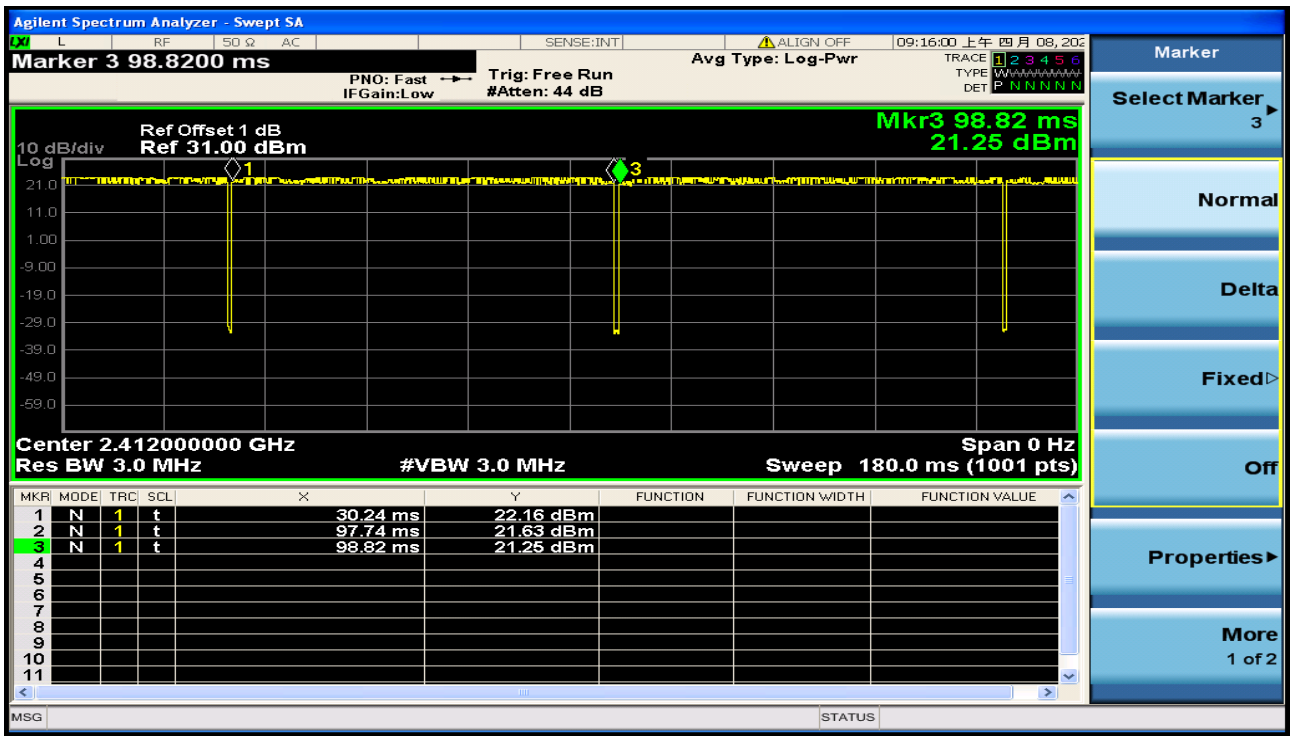
4.3.1.1.2 11G



4.3.1.1.3 11N20MIMO

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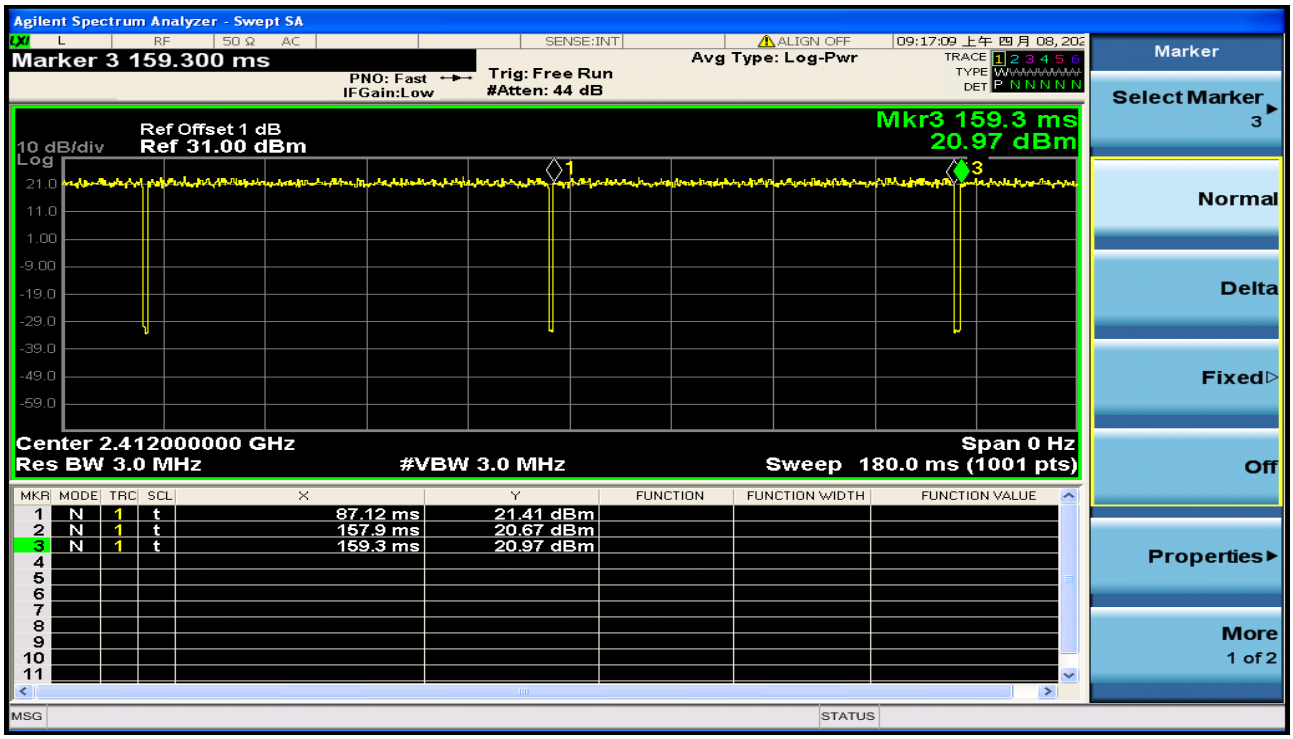
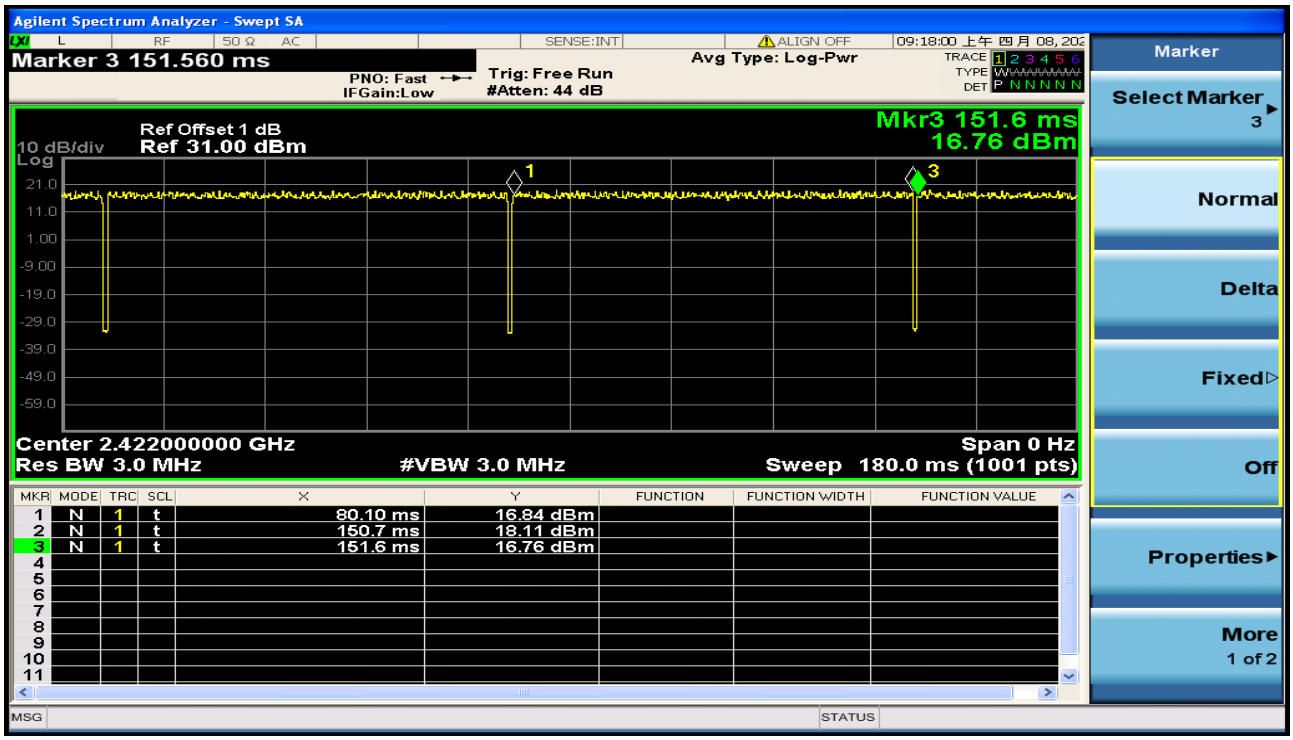


4.3.1.1.4 11N40MIMO



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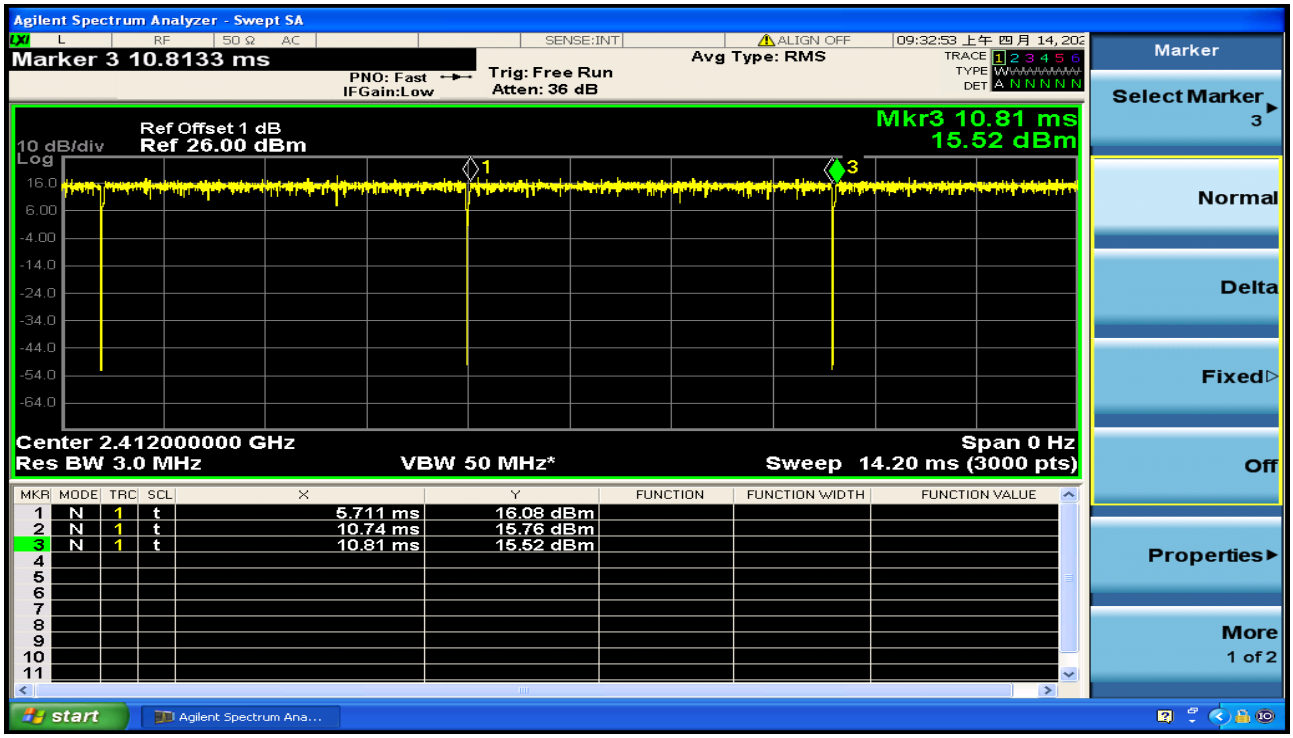
4.3.1.1.5 11AX20MIMO_26T



4.3.1.1.6 11AX20MIMO_52T

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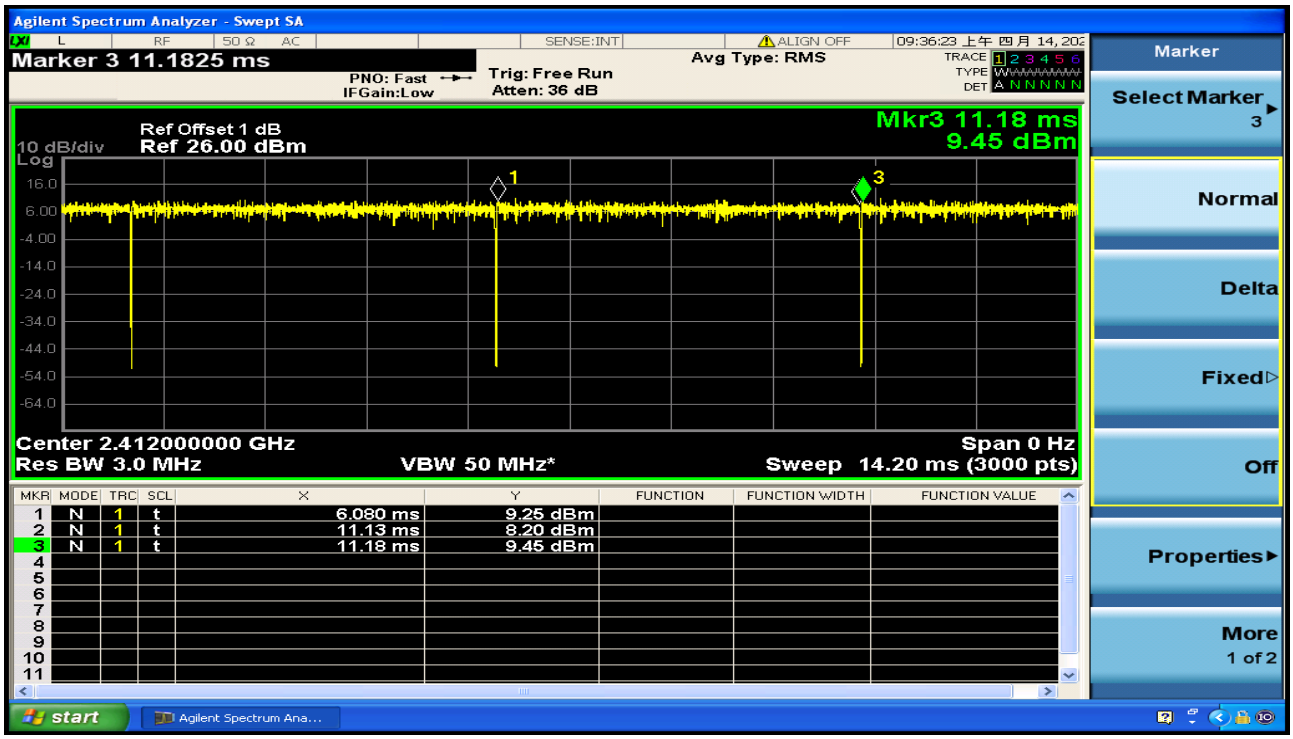
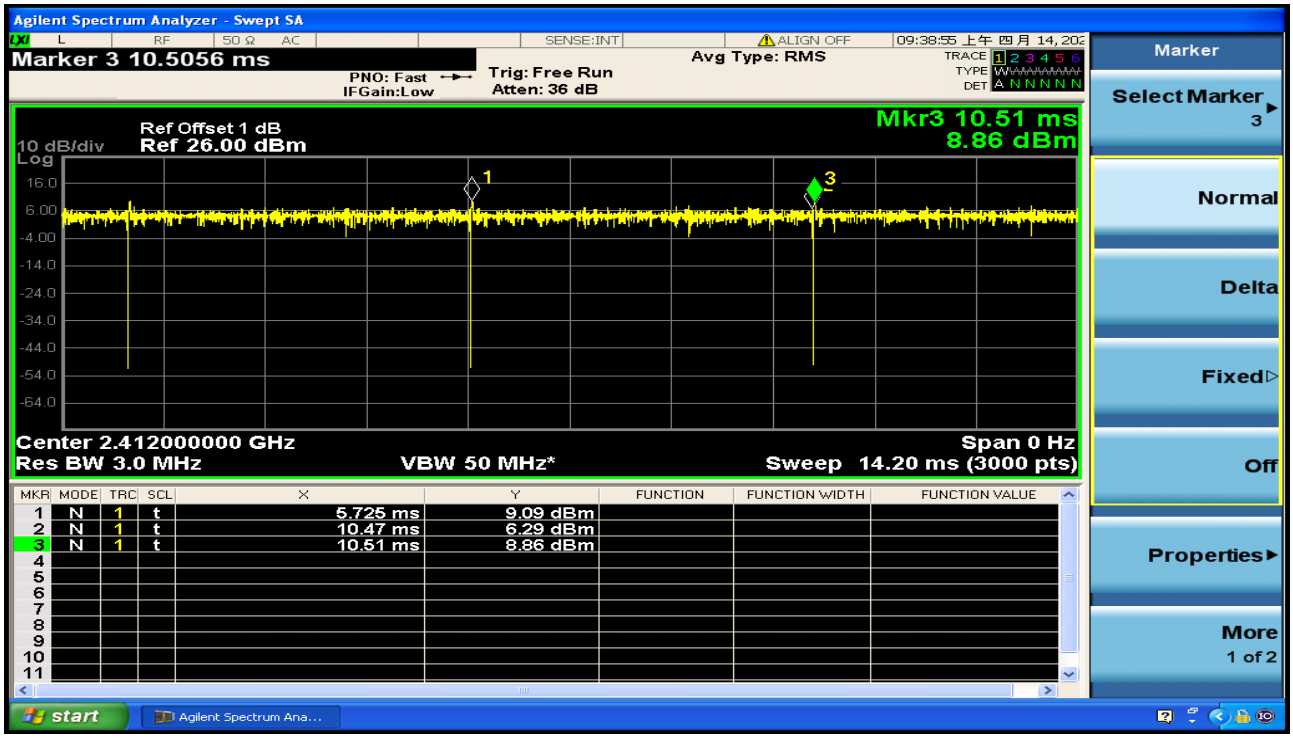


4.3.1.1.7 11AX20MIMO_106T



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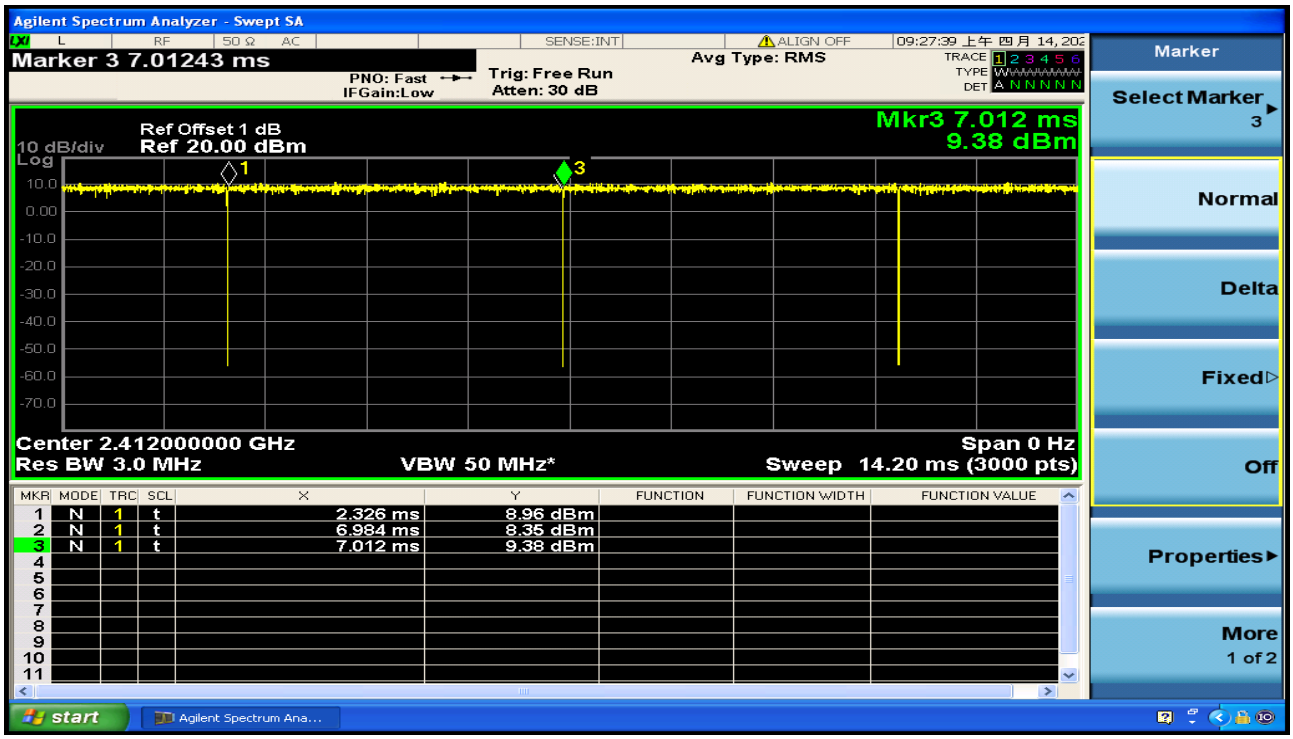
4.3.1.1.8 11AX20MIMO_242T



4.3.1.1.9 11AX40MIMO_242T

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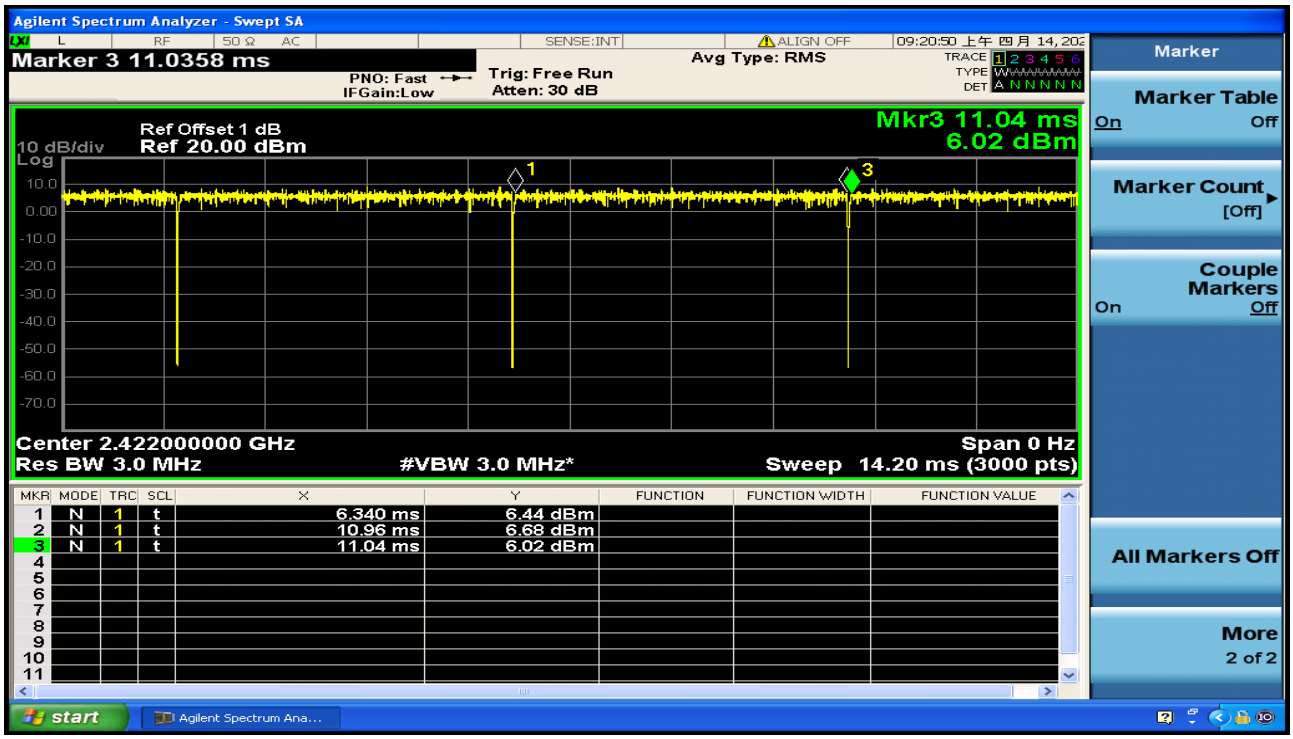
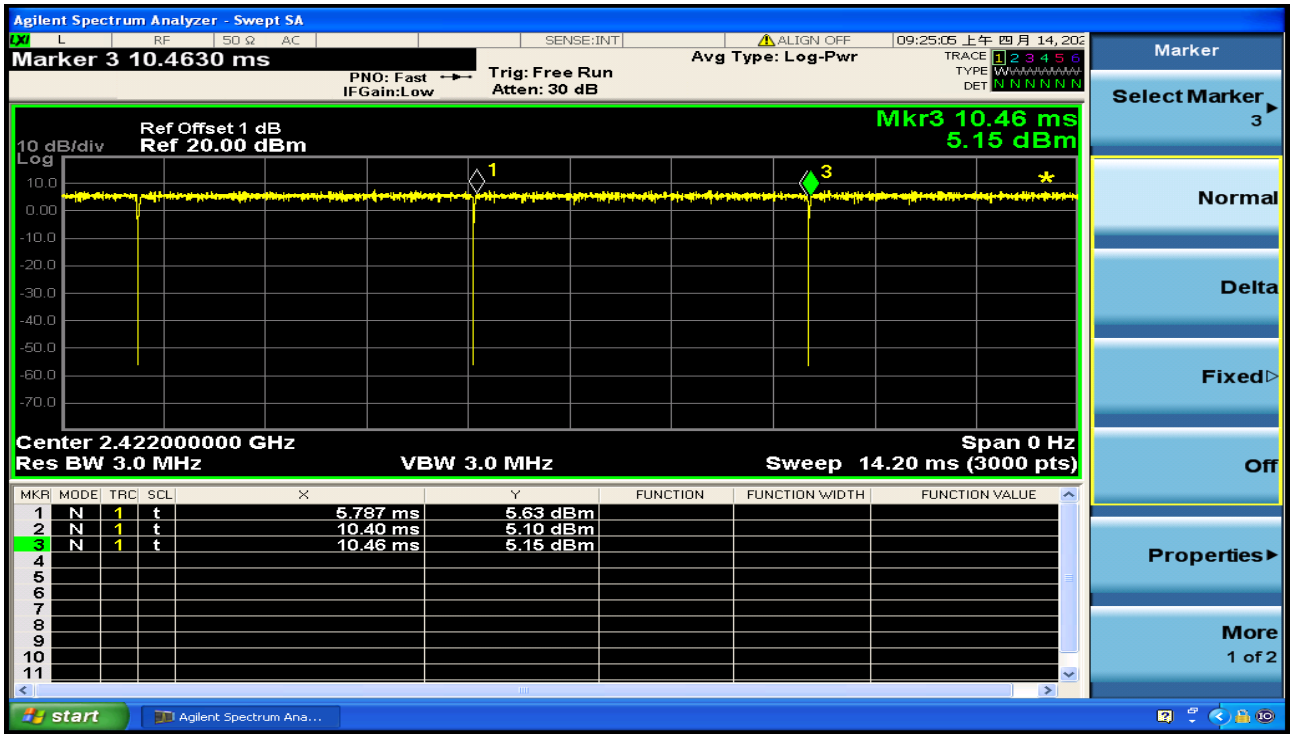


4.3.1.1.10 11AX40MIMO_484T



4.3.1.2 ANT2

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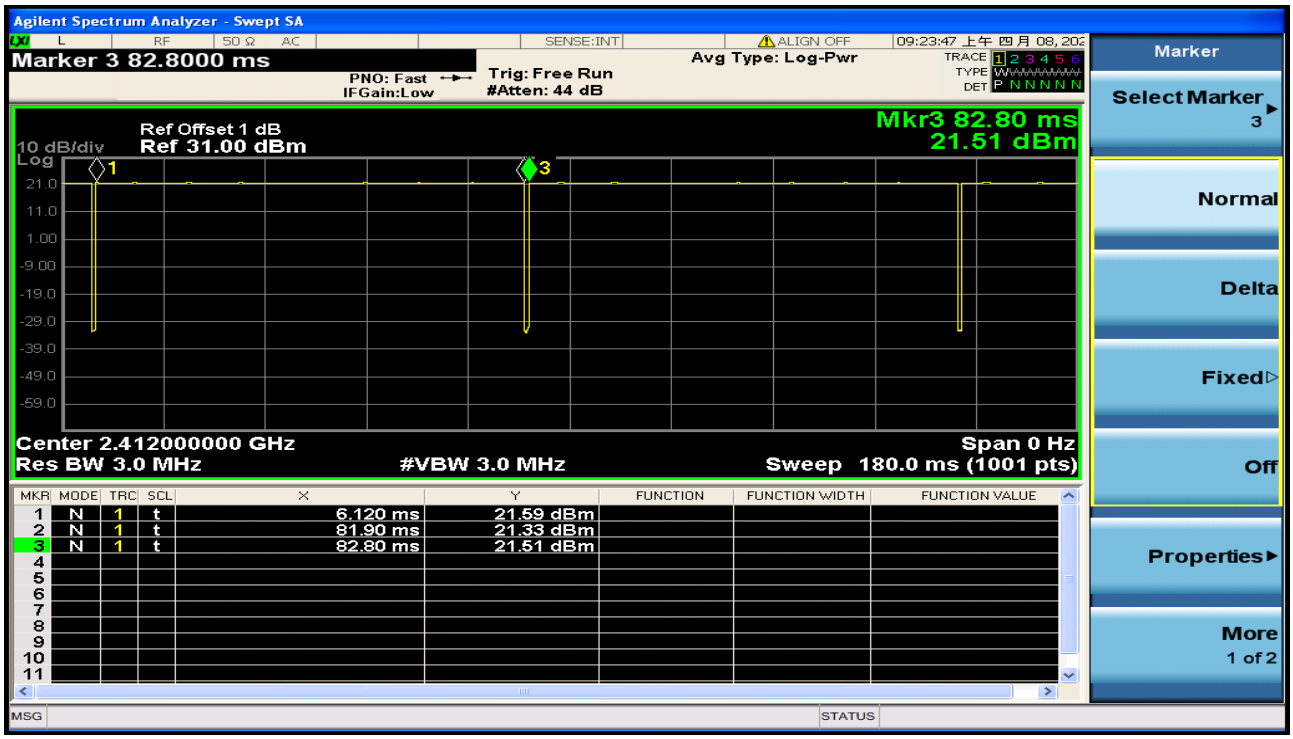
4.3.1.2.1 11B



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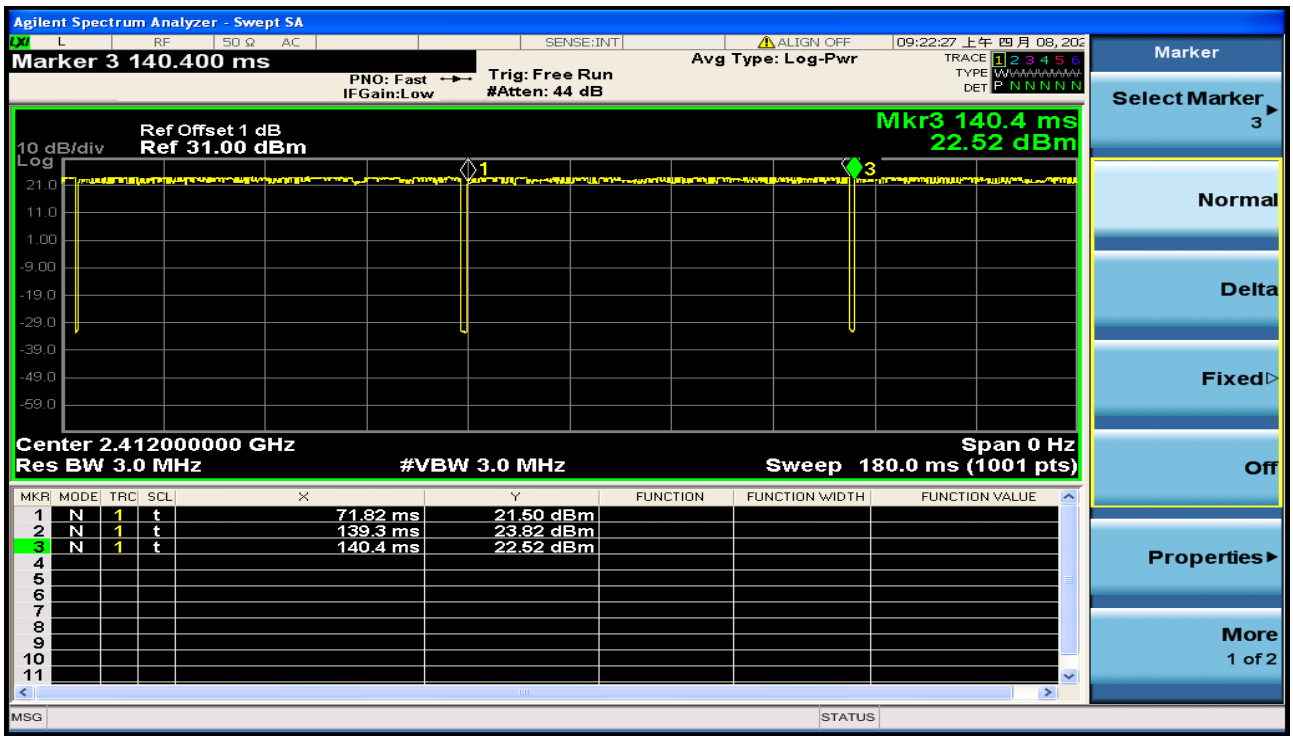
4.3.1.2.2 11G



4.3.1.2.3 11N20MIMO

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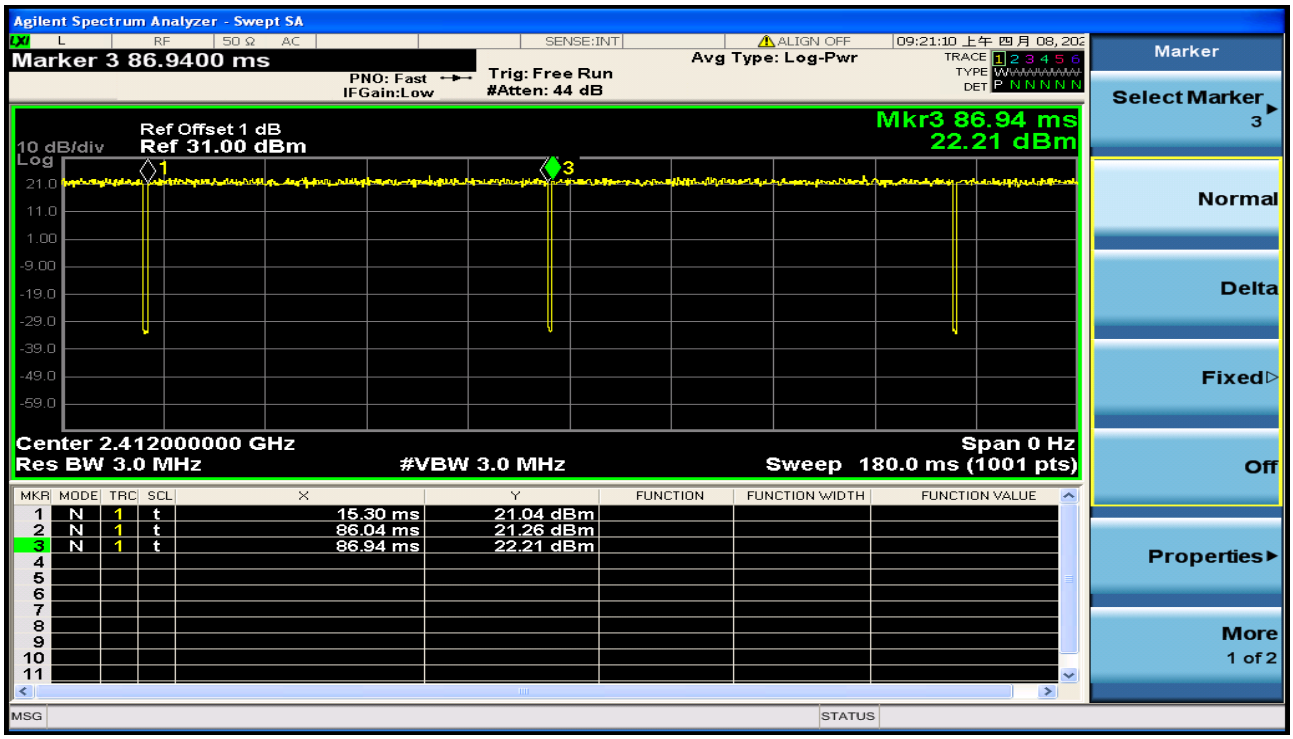

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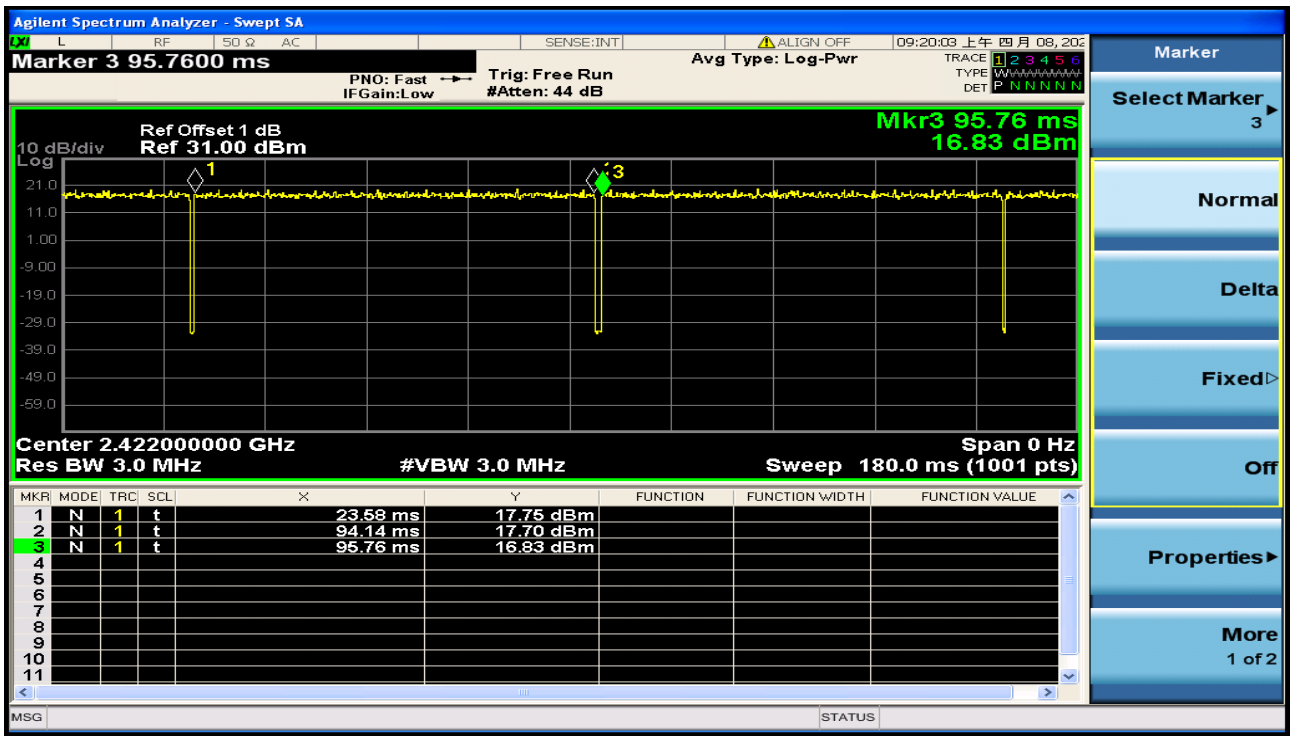
4.3.1.2.4 11N40MIMO



4.3.1.2.5 11AX20MIMO_26T

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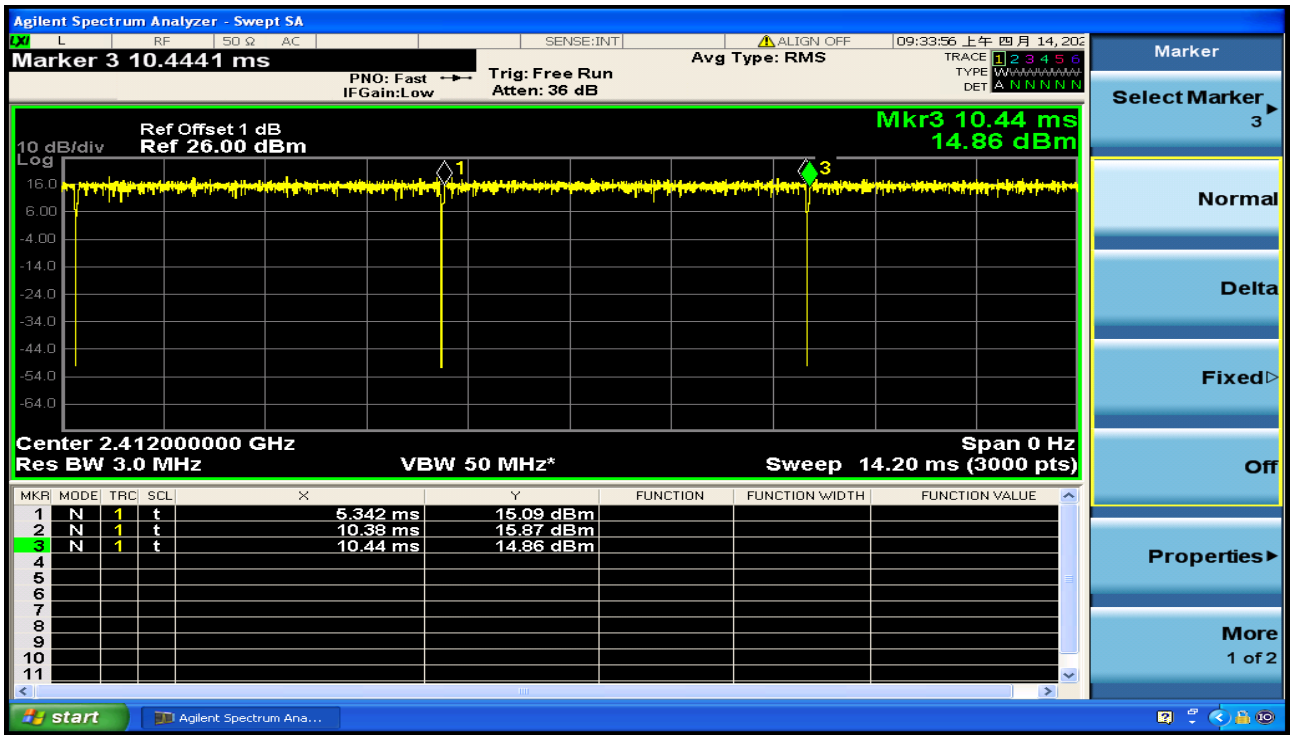

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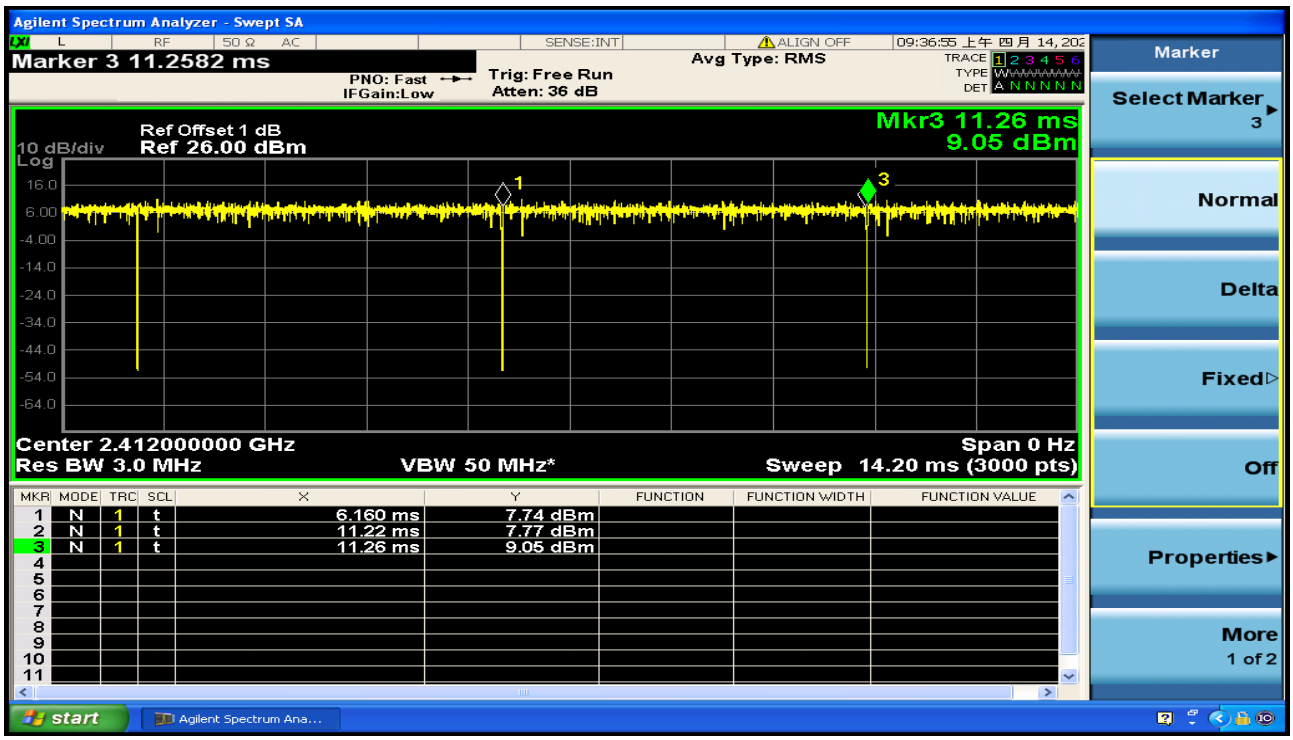
4.3.1.2.6 11AX20MIMO_52T



4.3.1.2.7 11AX20MIMO_106T

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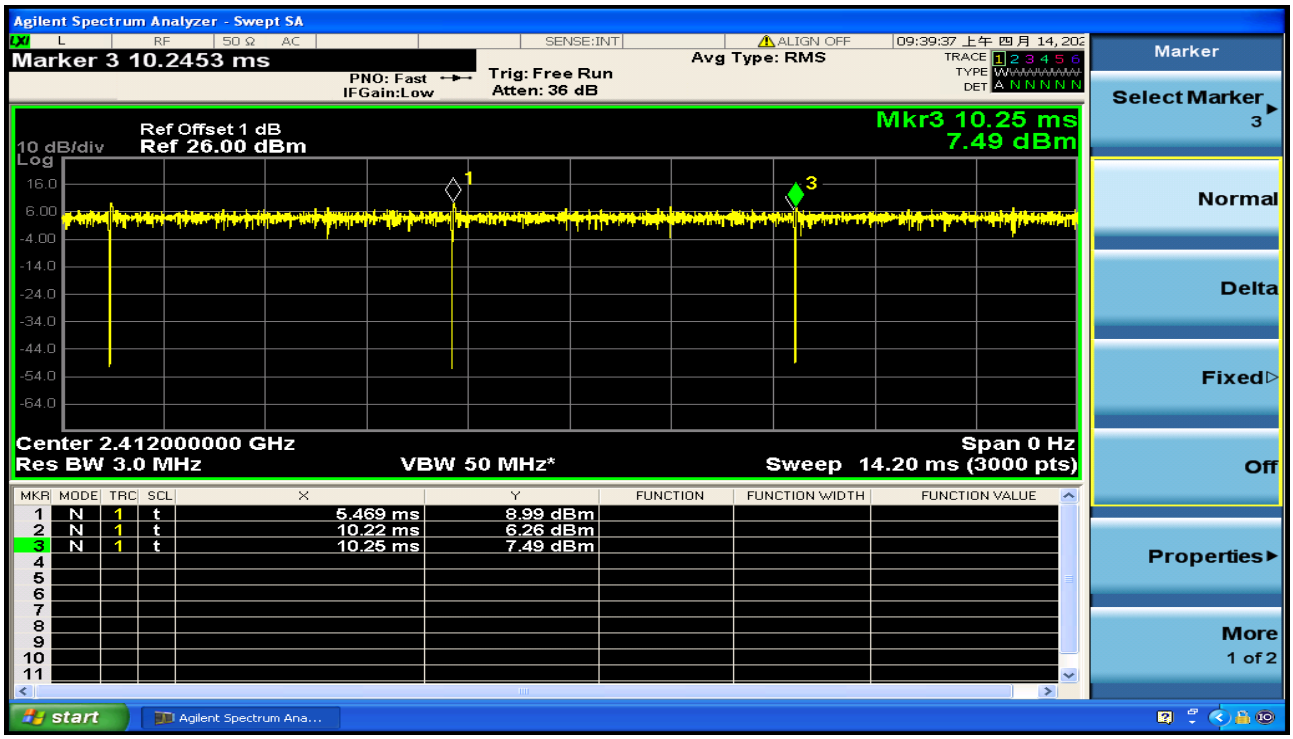

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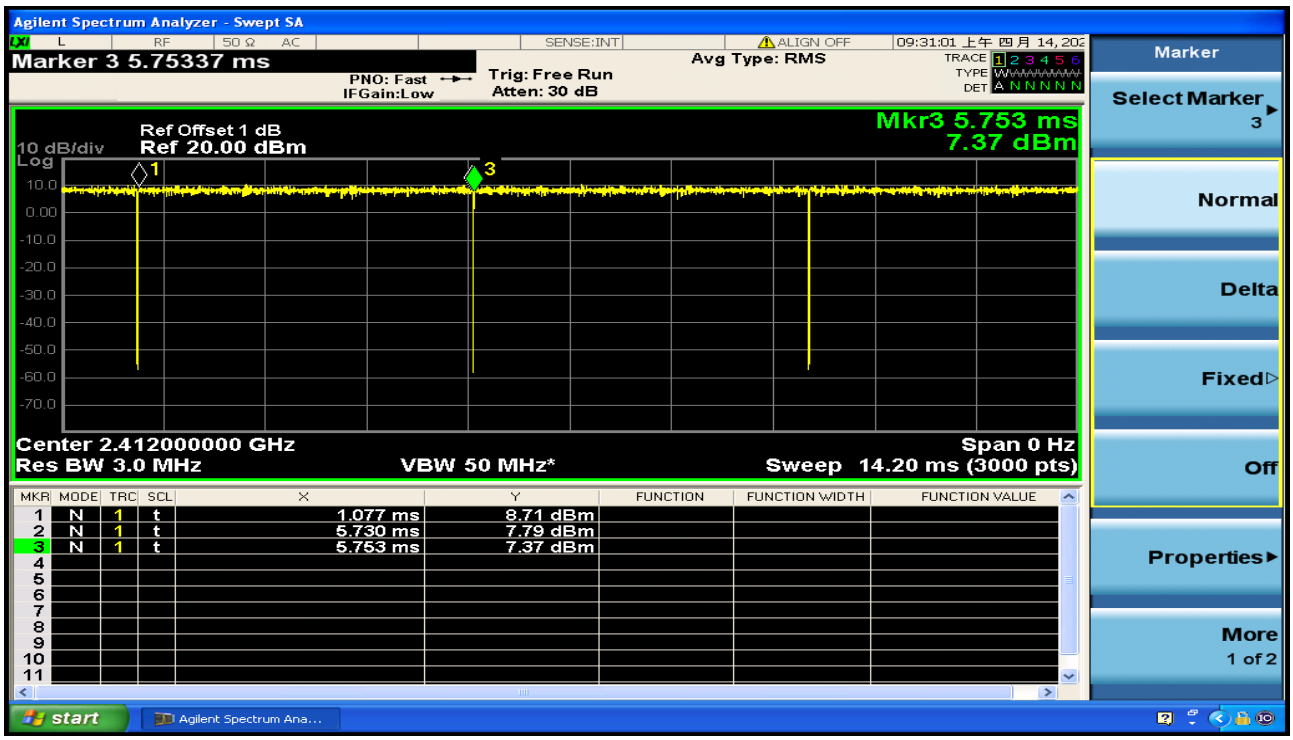
4.3.1.2.8 11AX20MIMO_242T



4.3.1.2.9 11AX40MIMO_242T

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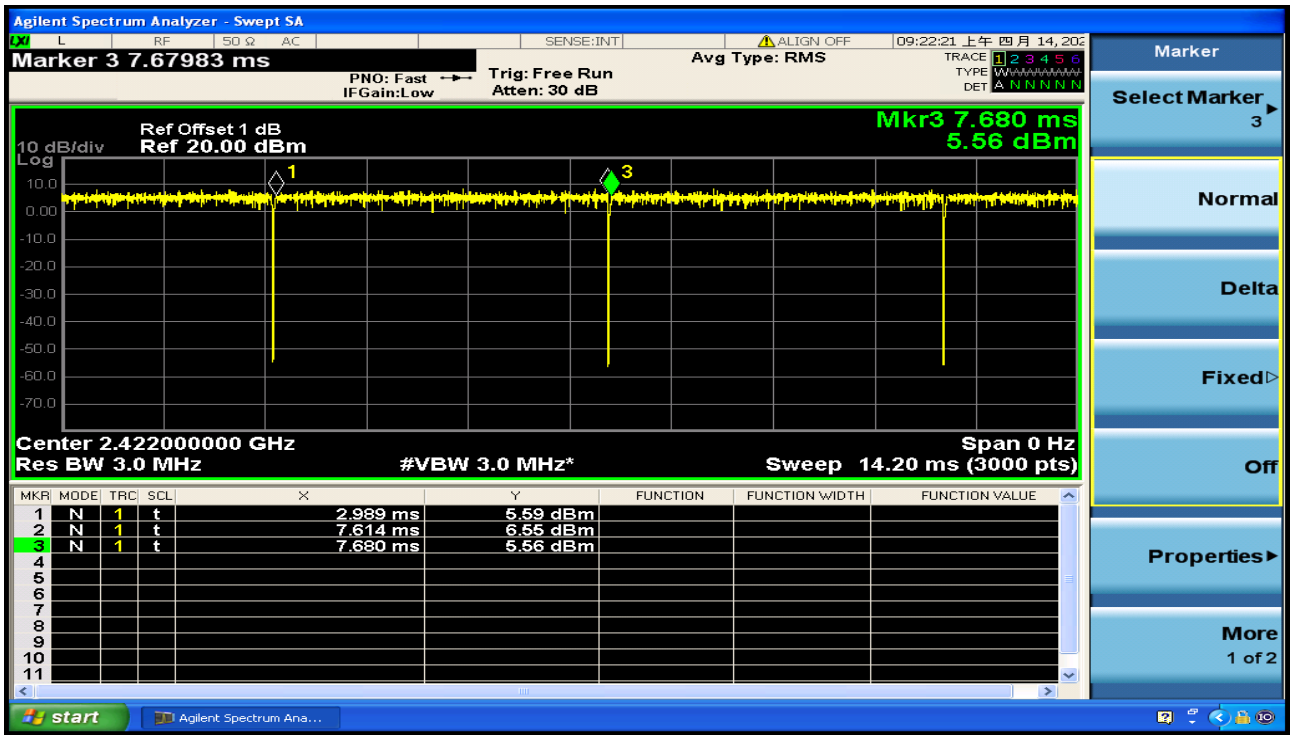

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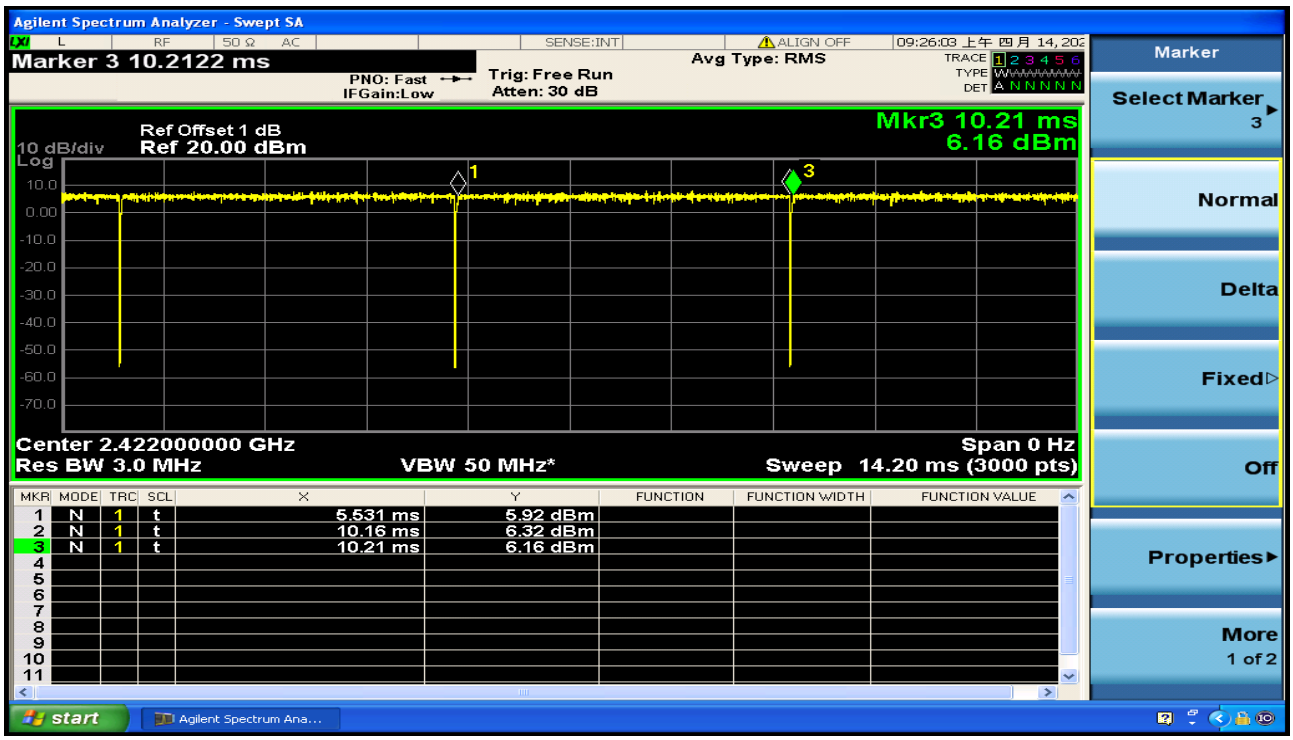
4.3.1.2.10 11AX40MIMO_484T



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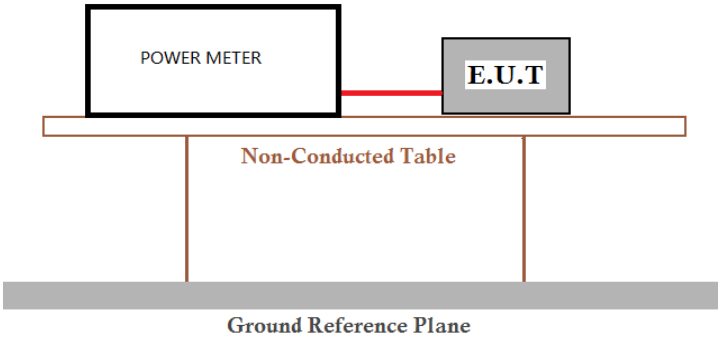
4.4 Conducted Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)
Test Method:	ANSI C63.10 :2013 Section 11.9.1.3
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:	30dBm
Test Results:	Pass

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4.4.1 Test Results

Measurement Data of Peak Power:

Mode	Test Channel	Peak Output Power (dBm)			Limit (dBm)	Result
		ANT1	ANT2	SUM		
802.11B_CDD	Lowest	23.461	22.993	26.24	30.00	Pass
	Middle	23.192	23.216	26.21	30.00	Pass
	Highest	23.308	22.736	26.04	30.00	Pass
802.11G_CDD	Lowest	26.43	25.702	29.09	30.00	Pass
	Middle	26.003	26.058	29.04	30.00	Pass
	Highest	26.039	25.728	28.90	30.00	Pass
802.11N20_MIMO	Lowest	25.734	25.103	28.44	30.00	Pass
	Middle	25.568	25.442	28.52	30.00	Pass
	Highest	25.412	25.081	28.26	30.00	Pass
802.11N40_MIMO	Lowest	25.113	25.633	28.39	30.00	Pass
	Middle	25.293	25.663	28.49	30.00	Pass
	Highest	25.067	25.391	28.24	30.00	Pass
802.11AX20 MIMO_26T	Lowest	24.43	18.954	25.51	30.00	Pass
	Middle	24.451	23.717	27.11	30.00	Pass
	Highest	24.393	23.464	26.96	30.00	Pass
802.11AX20 MIMO_52T	Lowest	23.874	23.44	26.67	30.00	Pass
	Middle	24.021	23.384	26.72	30.00	Pass
	Highest	24.305	23.545	26.95	30.00	Pass
802.11AX20 MIMO_106T	Lowest	23.589	23.159	26.39	30.00	Pass
	Middle	22.939	23.178	26.07	30.00	Pass
	Highest	23.288	23.9	26.62	30.00	Pass
802.11AX20 MIMO_242T	Lowest	23.205	22.682	25.96	30.00	Pass
	Middle	23.35	22.214	25.83	30.00	Pass
	Highest	23.131	23.196	26.17	30.00	Pass
802.11AX40 MIMO_242T	Lowest	25.333	25.316	28.33	30.00	Pass
	Middle	24.818	25.629	28.25	30.00	Pass
	Highest	24.955	23.461	27.28	30.00	Pass
802.11AX40 MIMO_484T	Lowest	22.993	23.192	26.10	30.00	Pass
	Middle	23.216	23.308	26.27	30.00	Pass
	Highest	22.736	26.43	27.97	30.00	Pass

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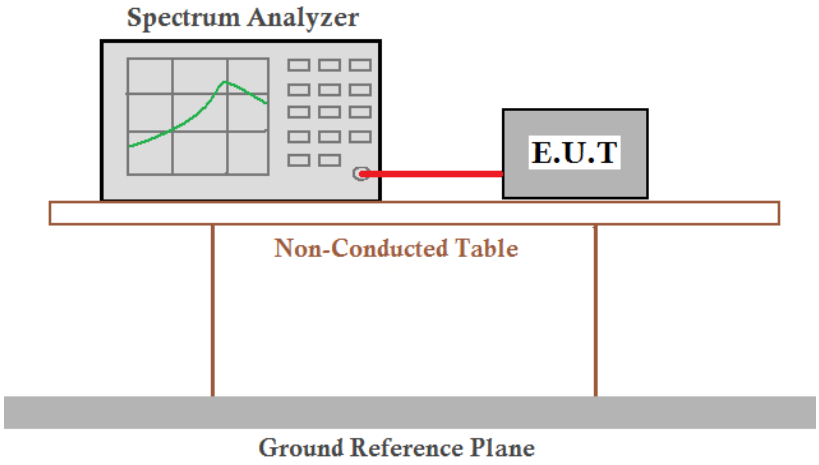
4.5 DTS (6 dB) Bandwidth & 99% Occupied Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10: 2013 Section 11.8.1 Option 1
Test Setup:	
Instruments Used:	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:	≥ 500 kHz
Test Results:	Pass

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4.5.1 Test Results

For Antenna 1:

Mode	Test Channel	Occupied Bandwidth (MHz)	6dB Emission Bandwidth (MHz)	Limit (kHz)	Result
802.11B	Lowest	13.014	8.110	≥500	Pass
	Middle	13.201	8.127	≥500	Pass
	Highest	13.246	8.569	≥500	Pass
802.11G	Lowest	16.381	15.690	≥500	Pass
	Middle	16.433	16.340	≥500	Pass
	Highest	16.496	15.770	≥500	Pass
802.11N20 MIMO	Lowest	17.514	17.220	≥500	Pass
	Middle	17.556	17.050	≥500	Pass
	Highest	17.547	17.220	≥500	Pass
802.11N40 MIMO	Lowest	35.931	35.380	≥500	Pass
	Middle	36.013	35.890	≥500	Pass
	Highest	35.929	34.060	≥500	Pass
802.11AX20 MIMO_26T	Lowest	16.823	2.676	≥500	Pass
	Middle	16.479	2.628	≥500	Pass
	Highest	17.173	8.822	≥500	Pass
802.11AX20 MIMO_52T	Lowest	16.670	15.080	≥500	Pass
	Middle	17.363	12.600	≥500	Pass
	Highest	17.257	13.810	≥500	Pass
802.11AX20 MIMO_106T	Lowest	18.171	18.160	≥500	Pass
	Middle	18.187	17.750	≥500	Pass
	Highest	17.875	15.900	≥500	Pass
802.11AX20 MIMO_242T	Lowest	18.853	18.300	≥500	Pass
	Middle	18.882	18.880	≥500	Pass
	Highest	18.904	18.710	≥500	Pass
802.11AX40 MIMO_242T	Lowest	36.818	37.670	≥500	Pass
	Middle	37.422	37.700	≥500	Pass
	Highest	37.011	36.650	≥500	Pass
802.11AX40 MIMO_484T	Lowest	37.913	38.080	≥500	Pass
	Middle	37.935	38.250	≥500	Pass
	Highest	37.891	38.110	≥500	Pass

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For Antenna 2:

Mode	Test Channel	Occupied Bandwidth (MHz)	6dB Emission Bandwidth (MHz)	Limit (kHz)	Result
802.11B	Lowest	12.943	8.112	≥500	Pass
	Middle	13.083	8.127	≥500	Pass
	Highest	13.321	8.570	≥500	Pass
802.11G	Lowest	16.348	16.350	≥500	Pass
	Middle	16.394	15.940	≥500	Pass
	Highest	16.540	16.380	≥500	Pass
802.11N20 MIMO	Lowest	17.525	17.310	≥500	Pass
	Middle	17.561	17.560	≥500	Pass
	Highest	17.616	16.990	≥500	Pass
802.11N40 MIMO	Lowest	35.939	35.980	≥500	Pass
	Middle	35.983	35.360	≥500	Pass
	Highest	35.813	32.620	≥500	Pass
802.11AX20 MIMO_26T	Lowest	16.353	2.712	≥500	Pass
	Middle	16.961	2.632	≥500	Pass
	Highest	17.124	8.834	≥500	Pass
802.11AX20 MIMO_52T	Lowest	17.075	12.960	≥500	Pass
	Middle	16.122	12.590	≥500	Pass
	Highest	16.345	13.860	≥500	Pass
802.11AX20 MIMO_106T	Lowest	18.205	17.130	≥500	Pass
	Middle	18.279	17.740	≥500	Pass
	Highest	18.136	17.180	≥500	Pass
802.11AX20 MIMO_242T	Lowest	18.852	18.530	≥500	Pass
	Middle	18.927	18.850	≥500	Pass
	Highest	18.902	18.920	≥500	Pass
802.11AX40 MIMO_242T	Lowest	36.761	36.960	≥500	Pass
	Middle	37.063	36.980	≥500	Pass
	Highest	37.053	34.210	≥500	Pass
802.11AX40 MIMO_484T	Lowest	37.869	38.030	≥500	Pass
	Middle	37.957	38.200	≥500	Pass
	Highest	37.922	37.970	≥500	Pass

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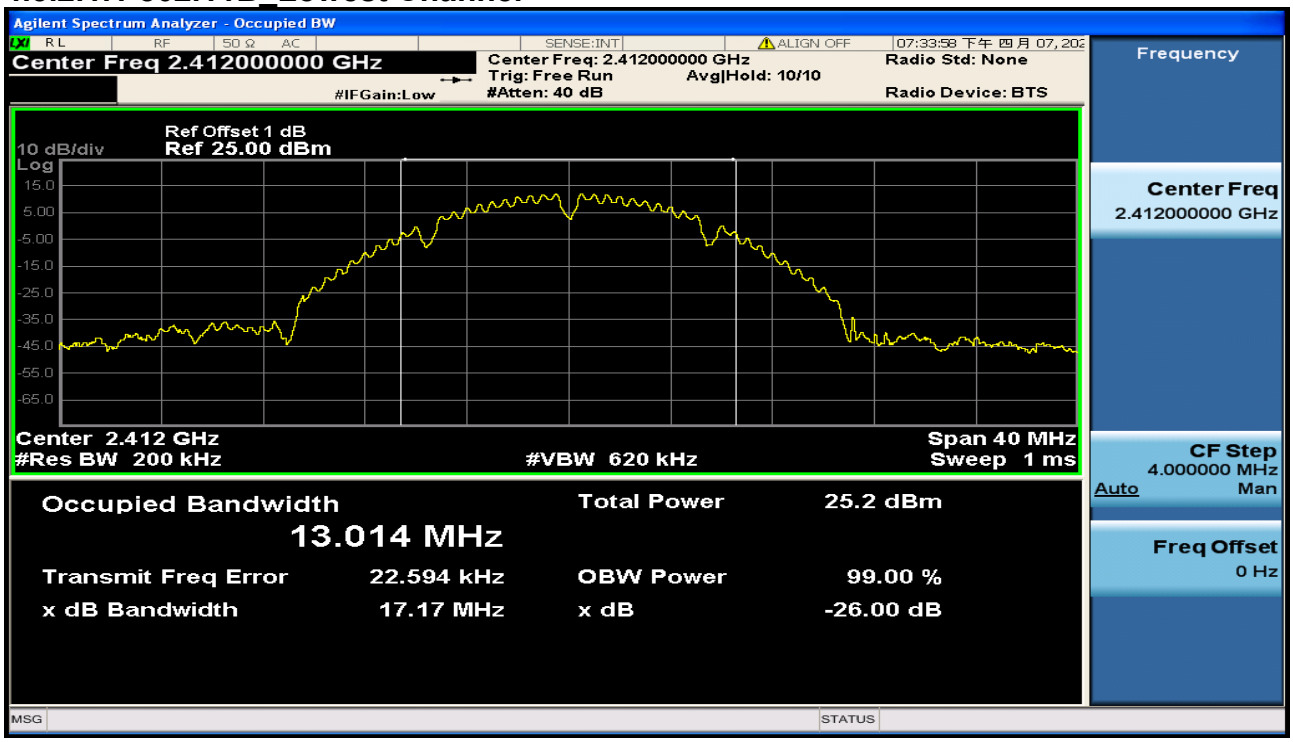
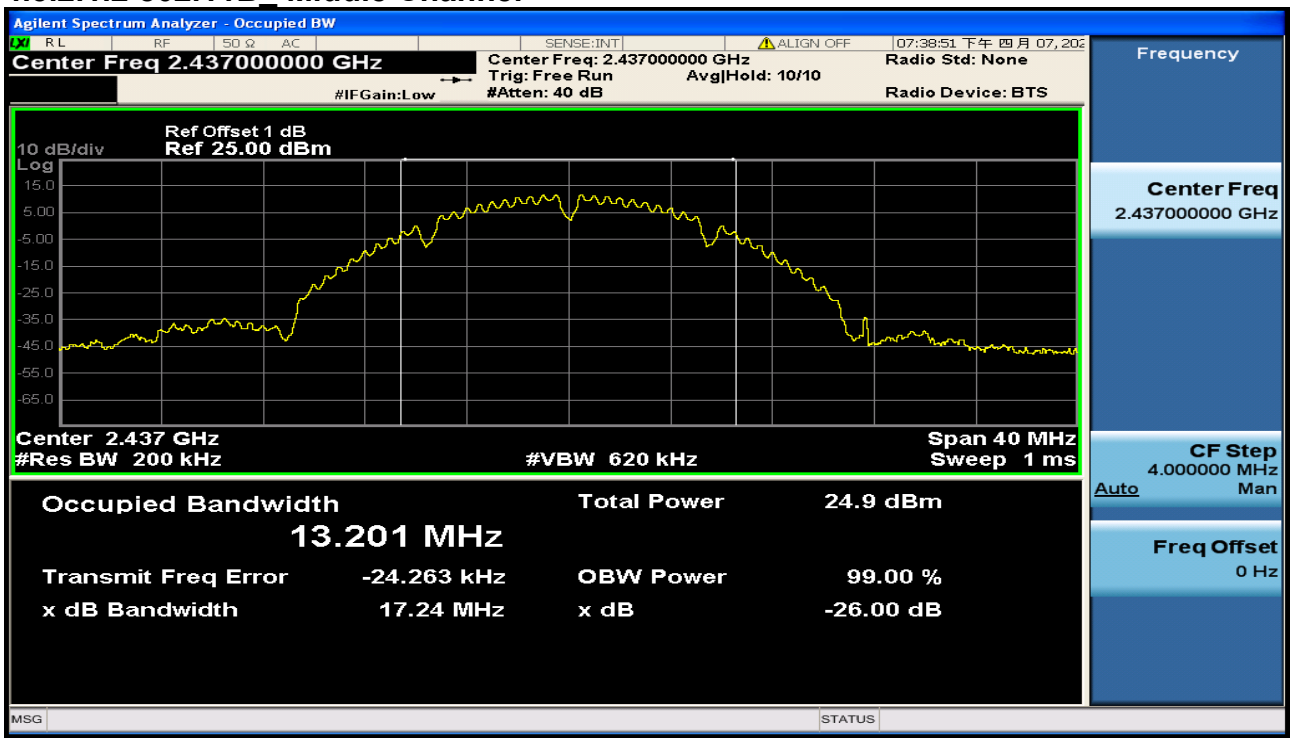
4.5.2 Test plots For Occupied Bandwidth

4.5.2.1 CDD & MIMO_ANT1

4.5.2.1.1 802.11B_Lowest Channel



4.5.2.1.2 802.11B_ Middle Channel



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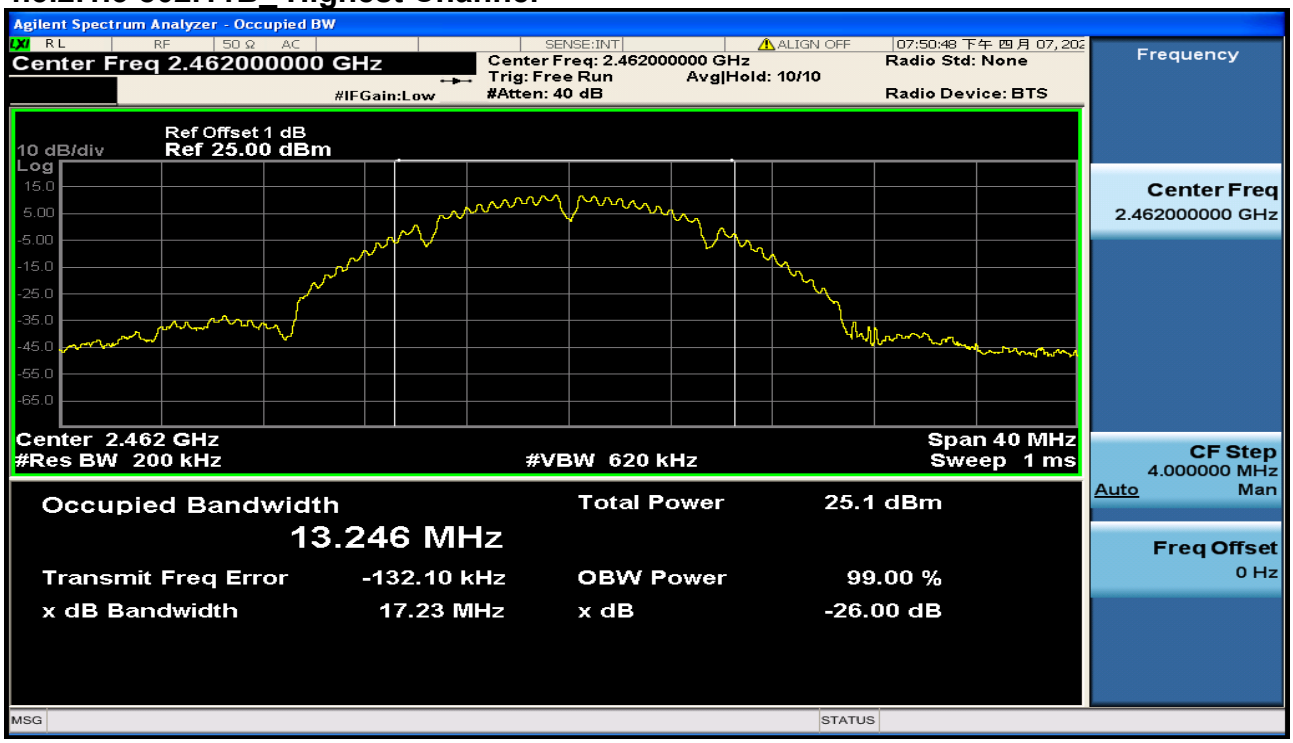
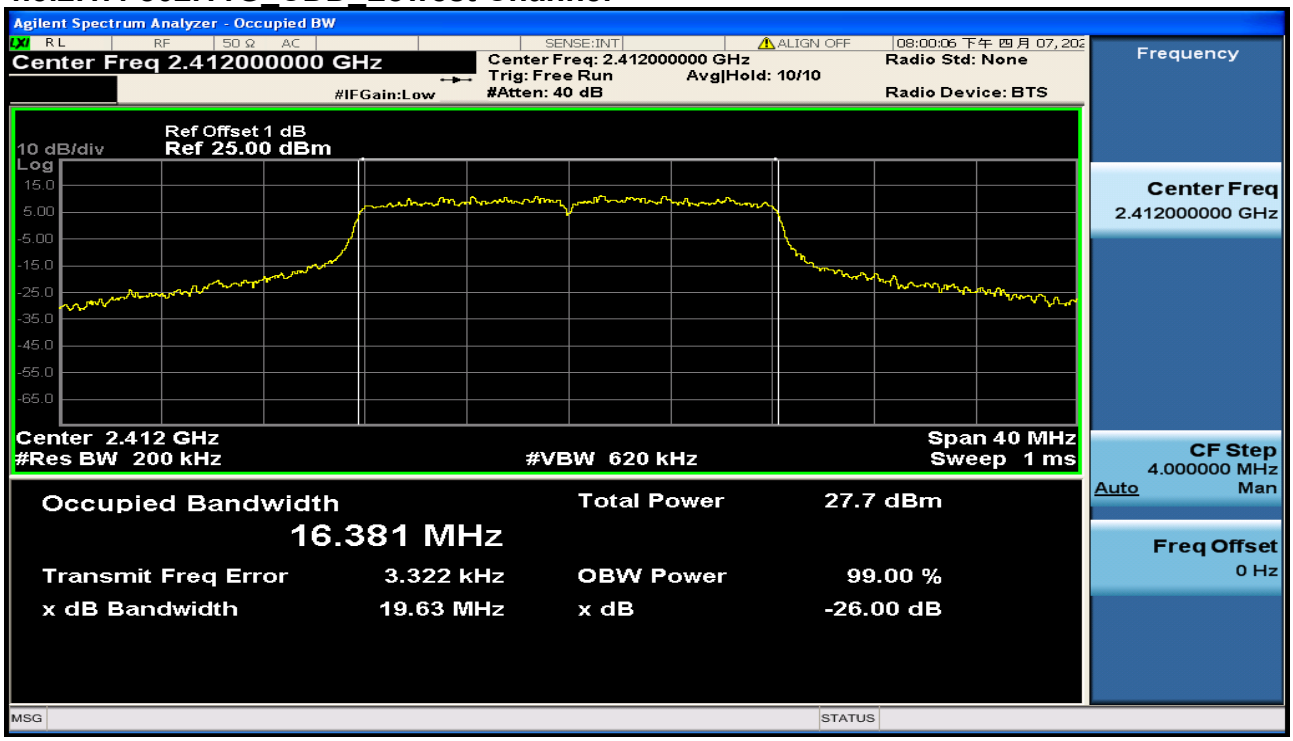
4.5.2.1.3 802.11B_ Highest Channel



4.5.2.1.4 802.11G_CDD_Lowest Channel



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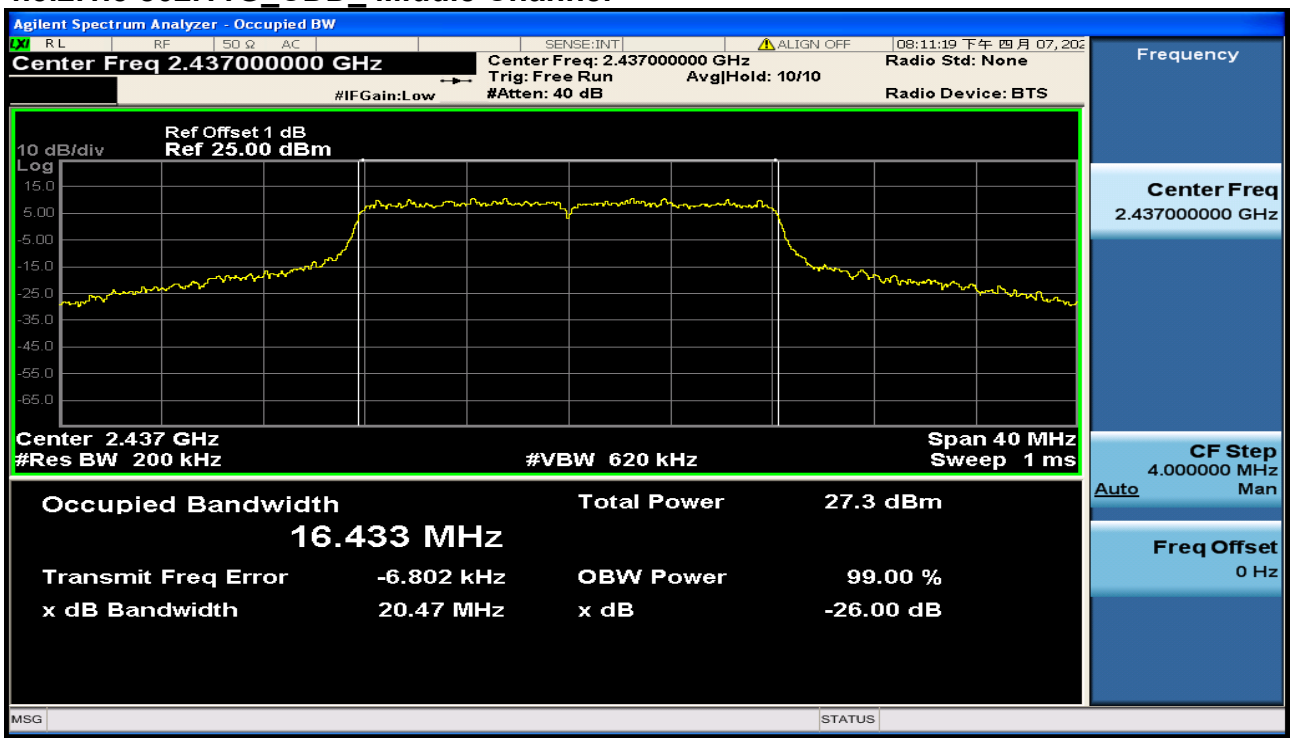
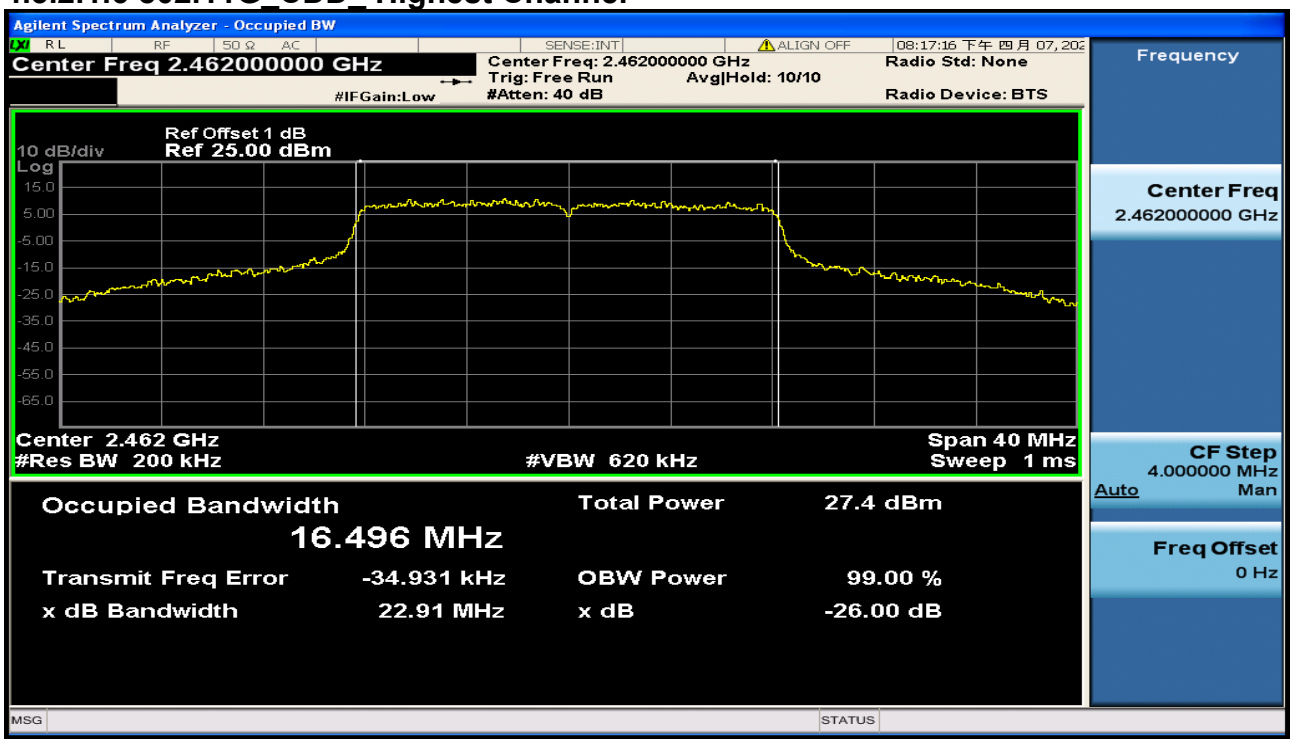
4.5.2.1.5 802.11G_CDD_ Middle Channel



4.5.2.1.6 802.11G_CDD_ Highest Channel



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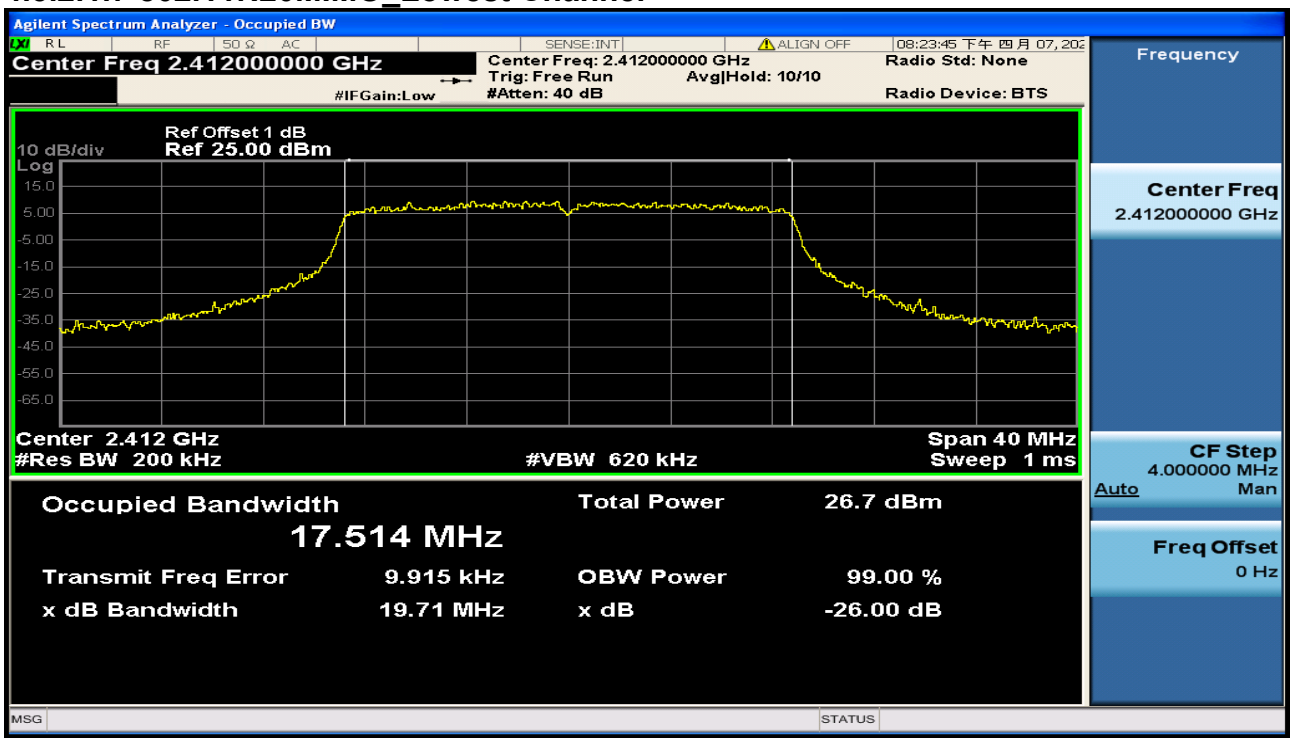
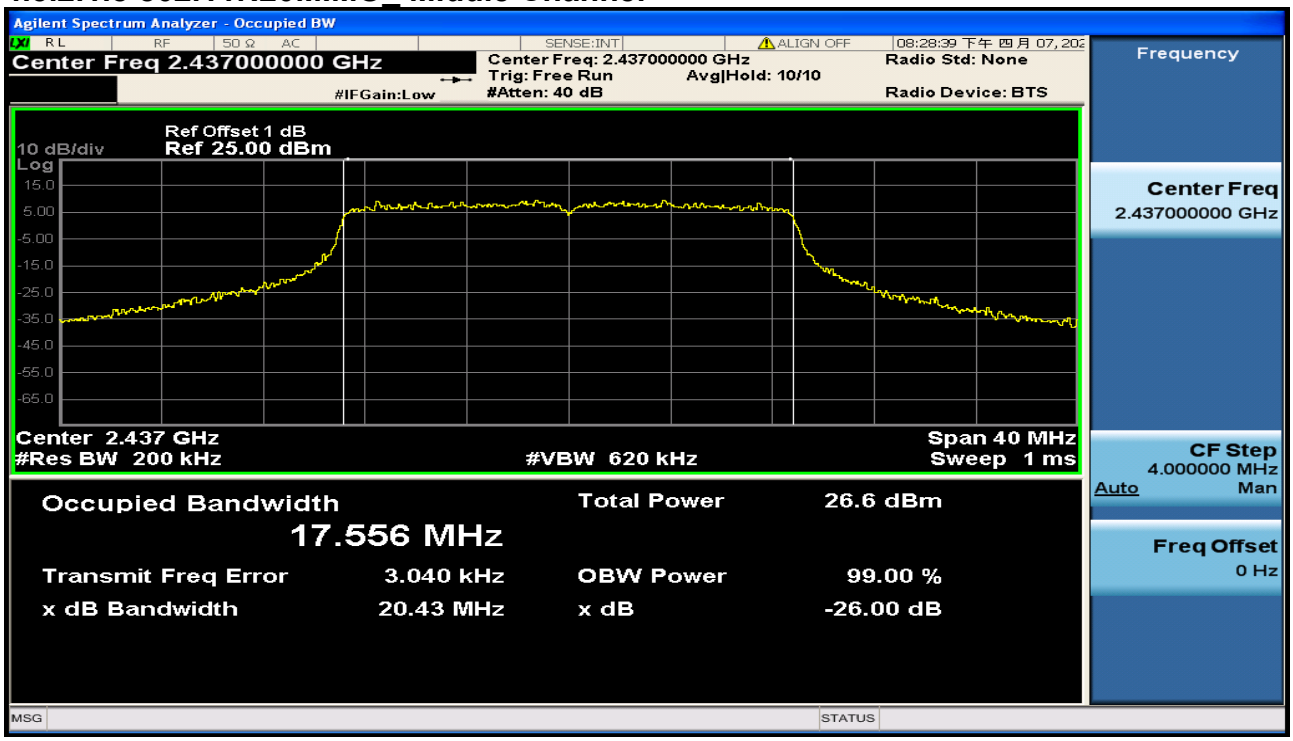
4.5.2.1.7 802.11N20MIMO_Lowest Channel



4.5.2.1.8 802.11N20MIMO_ Middle Channel



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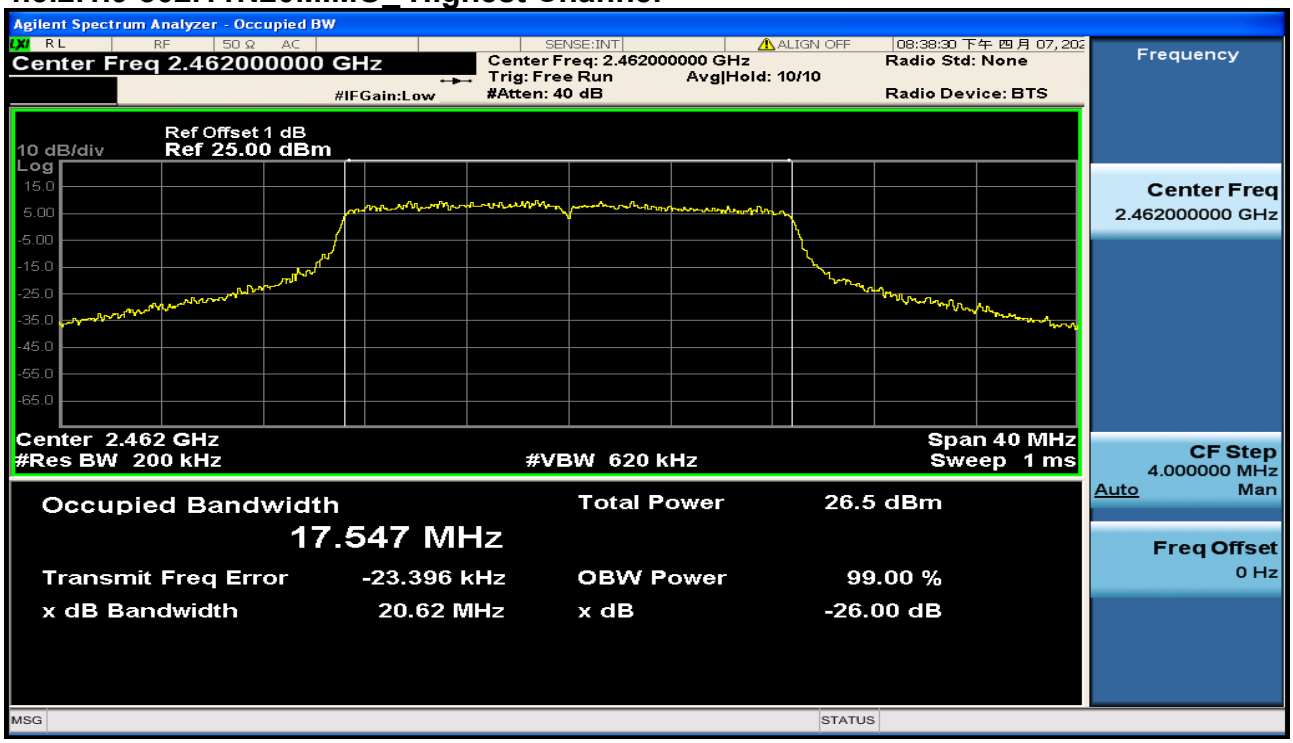
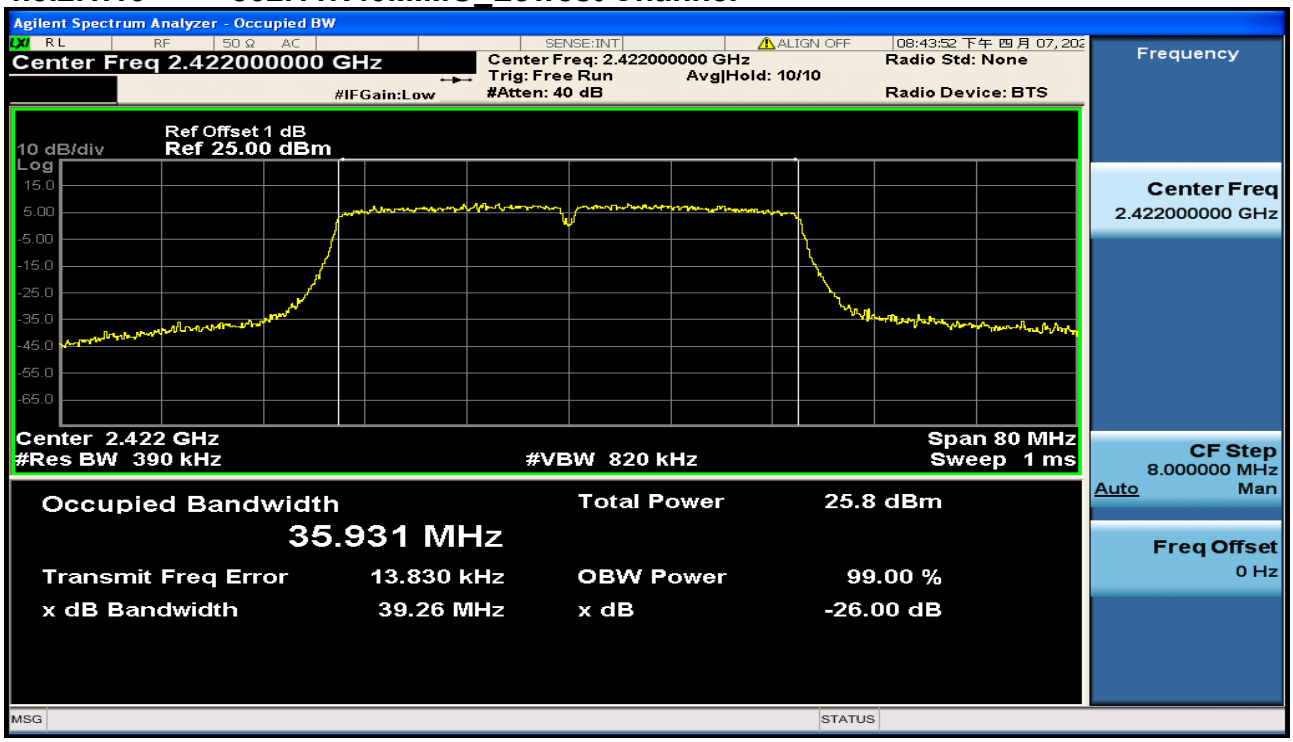
4.5.2.1.9 802.11N20MIMO_ Highest Channel



4.5.2.1.10 802.11N40MIMO_Lowest Channel



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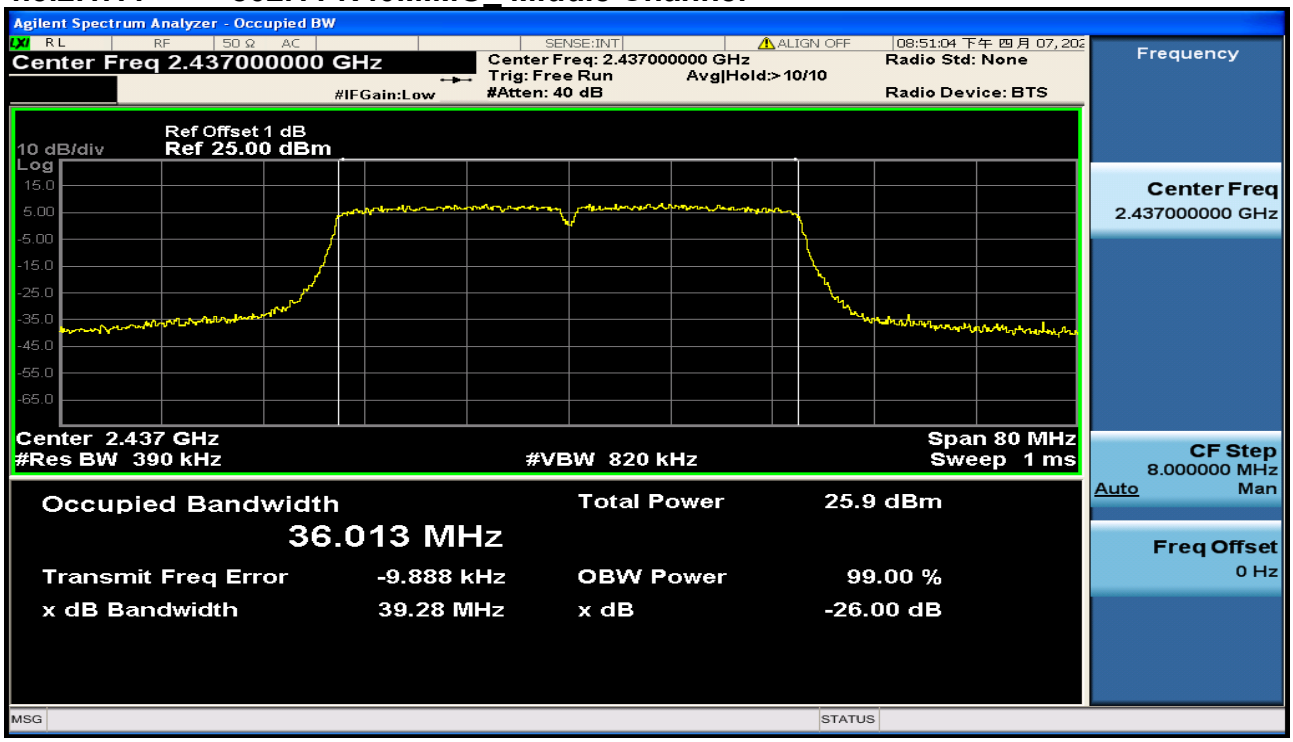
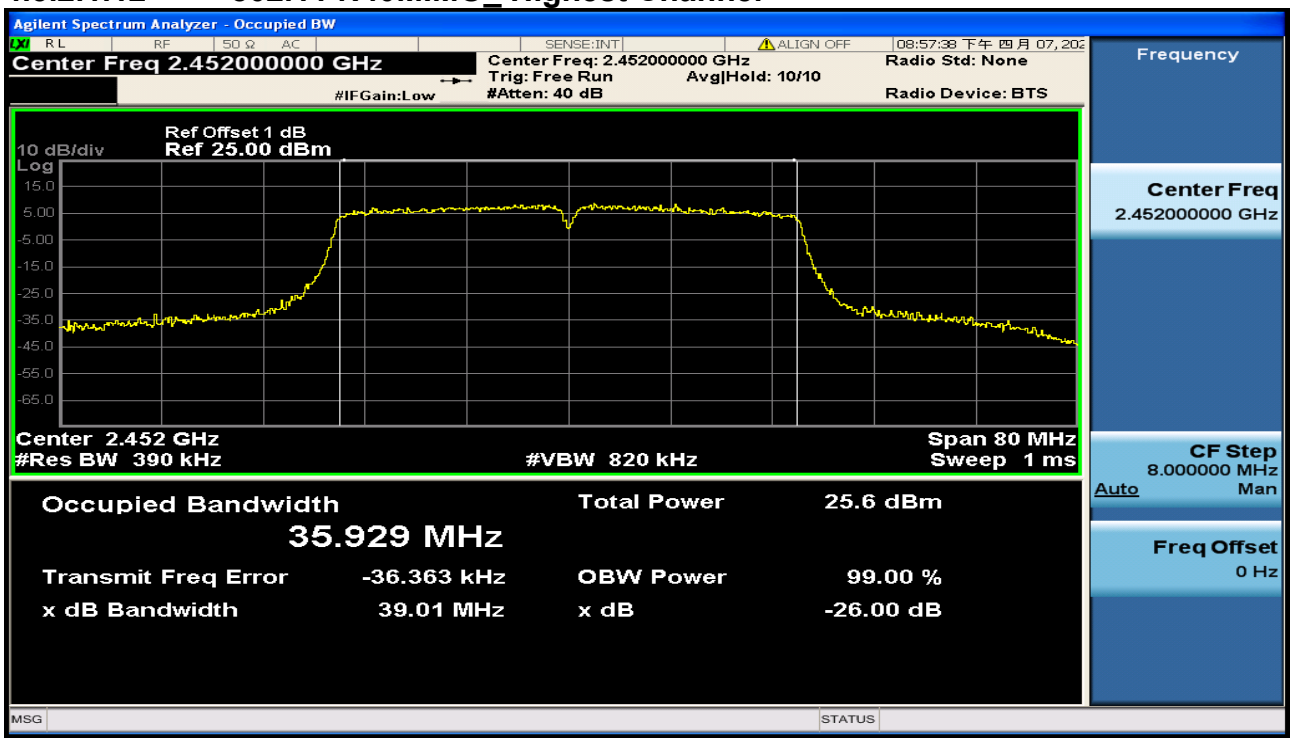
4.5.2.1.11 802.11 N40MIMO_ Middle Channel



4.5.2.1.12 802.11 N40MIMO_ Highest Channel



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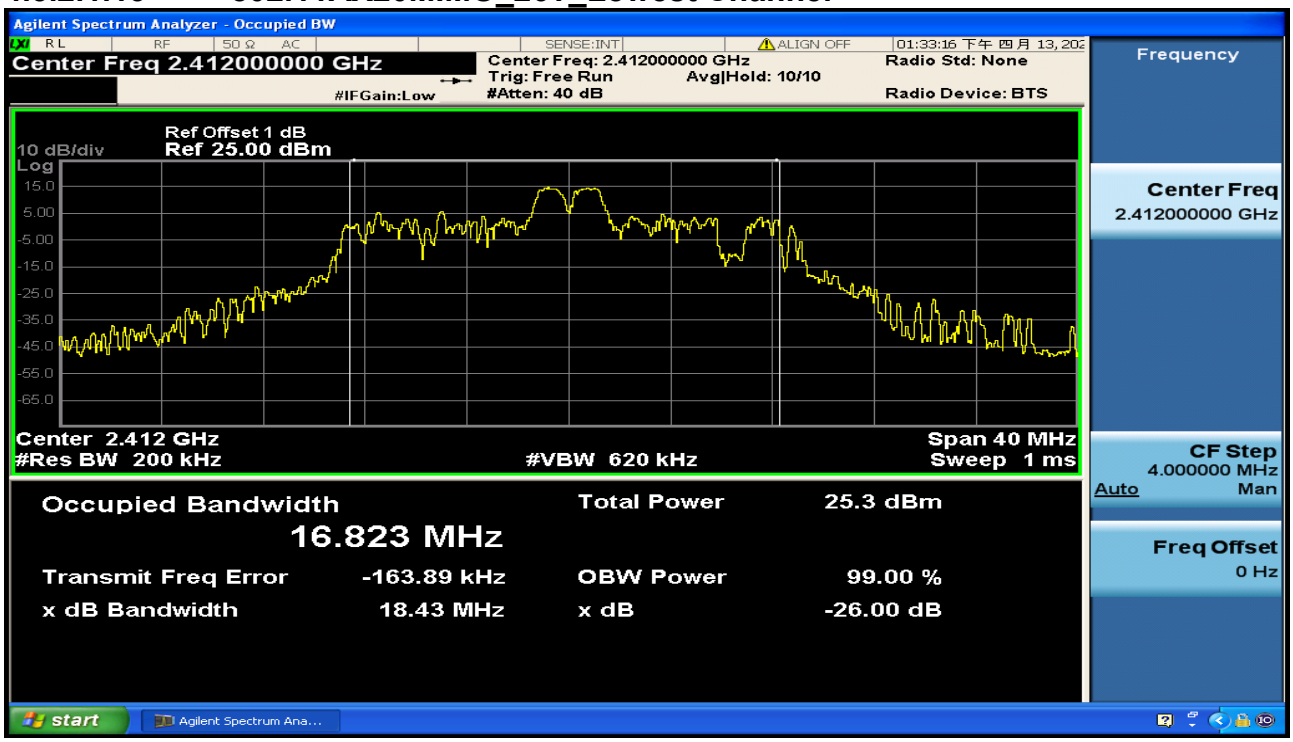
4.5.2.1.13 802.11AX20MIMO_26T_Lowest Channel



4.5.2.1.14 802.11AX20MIMO_26T_ Middle Channel

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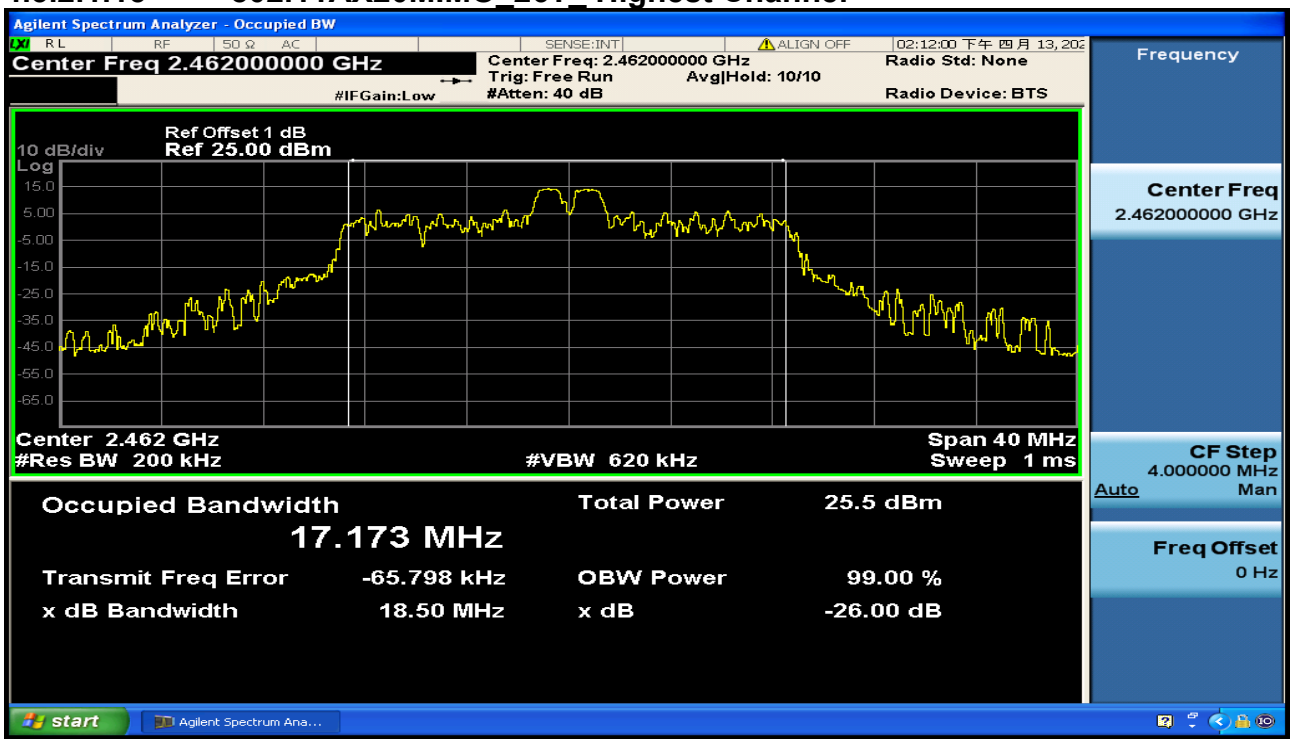
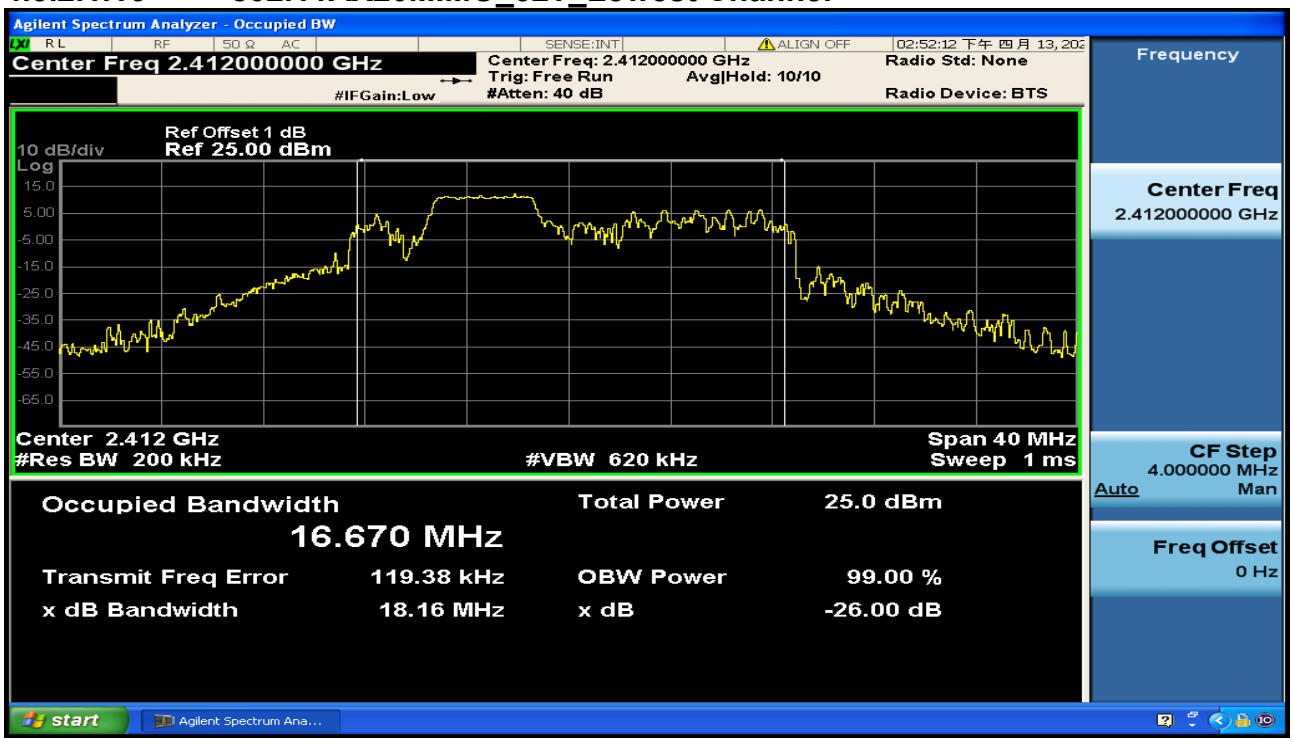
4.5.2.1.15 802.11AX20MIMO_26T_ Highest Channel



4.5.2.1.16 802.11AX20MIMO_52T_Lowest Channel



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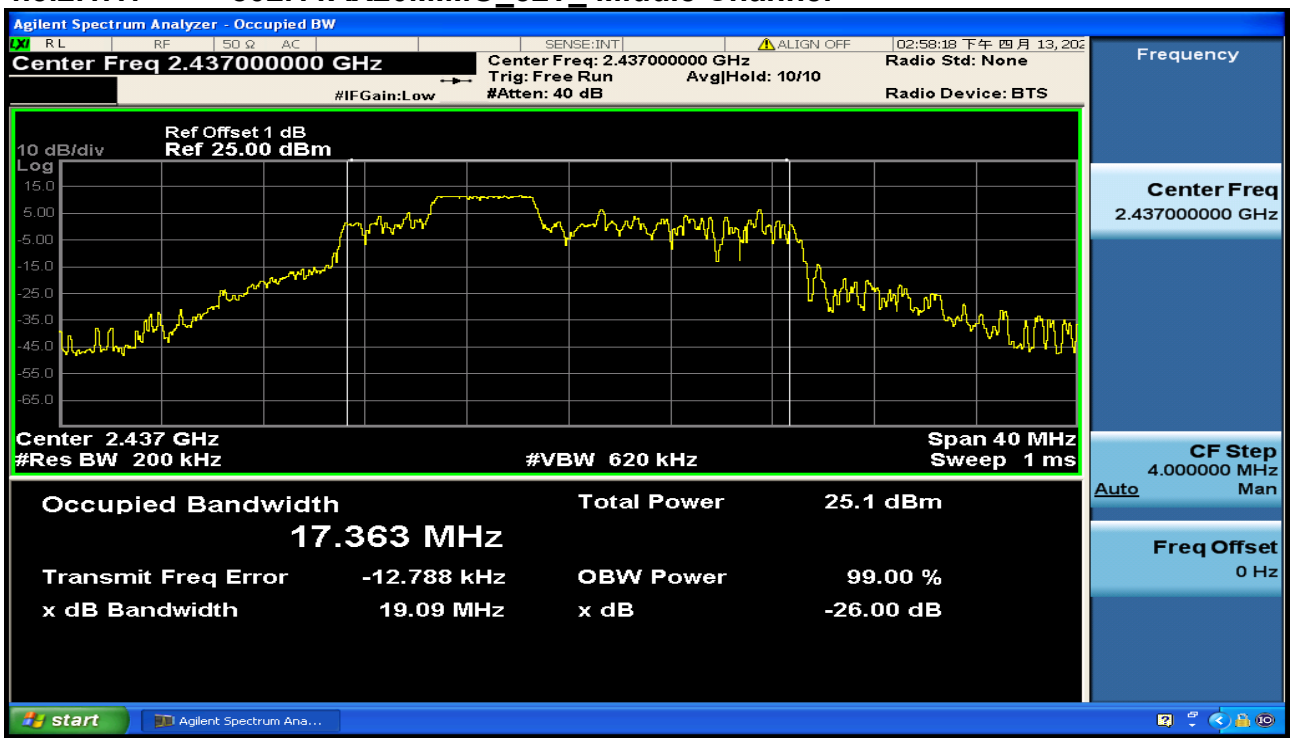
4.5.2.1.17 802.11AX20MIMO_52T_ Middle Channel



4.5.2.1.18 802.11AX20MIMO_52T_ Highest Channel

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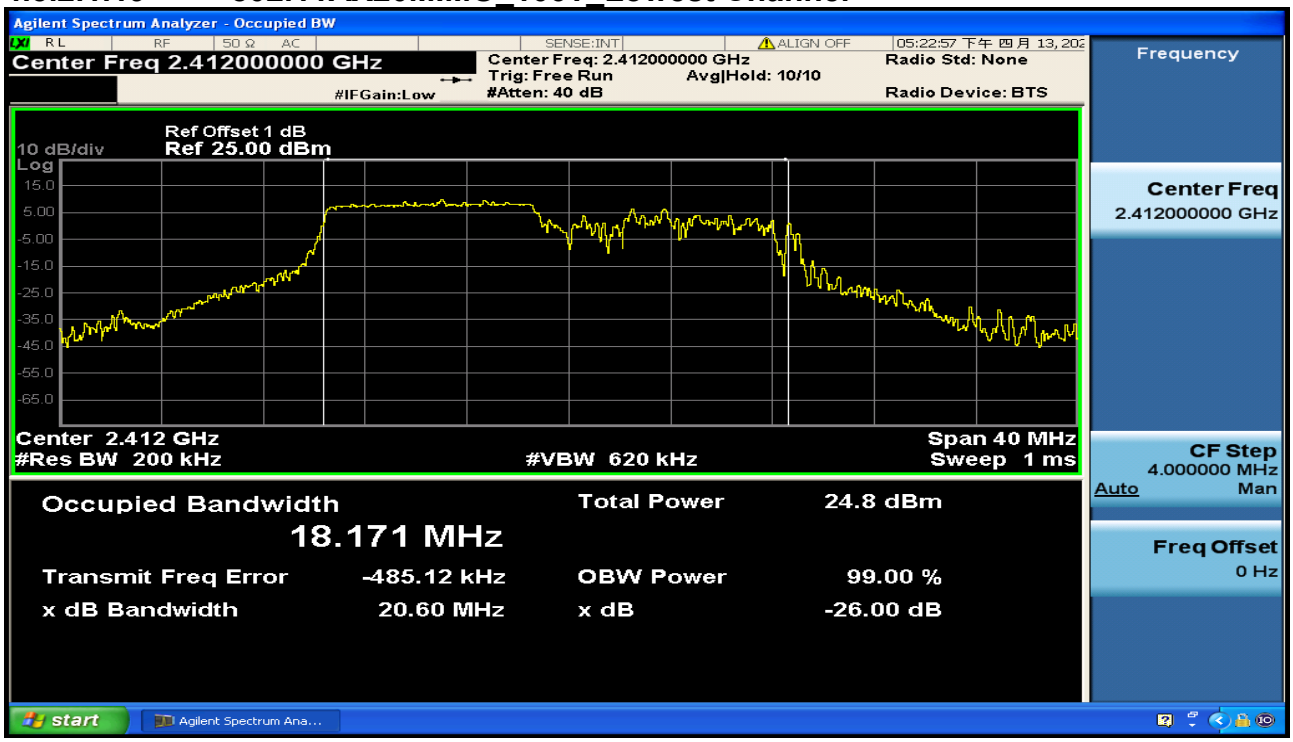
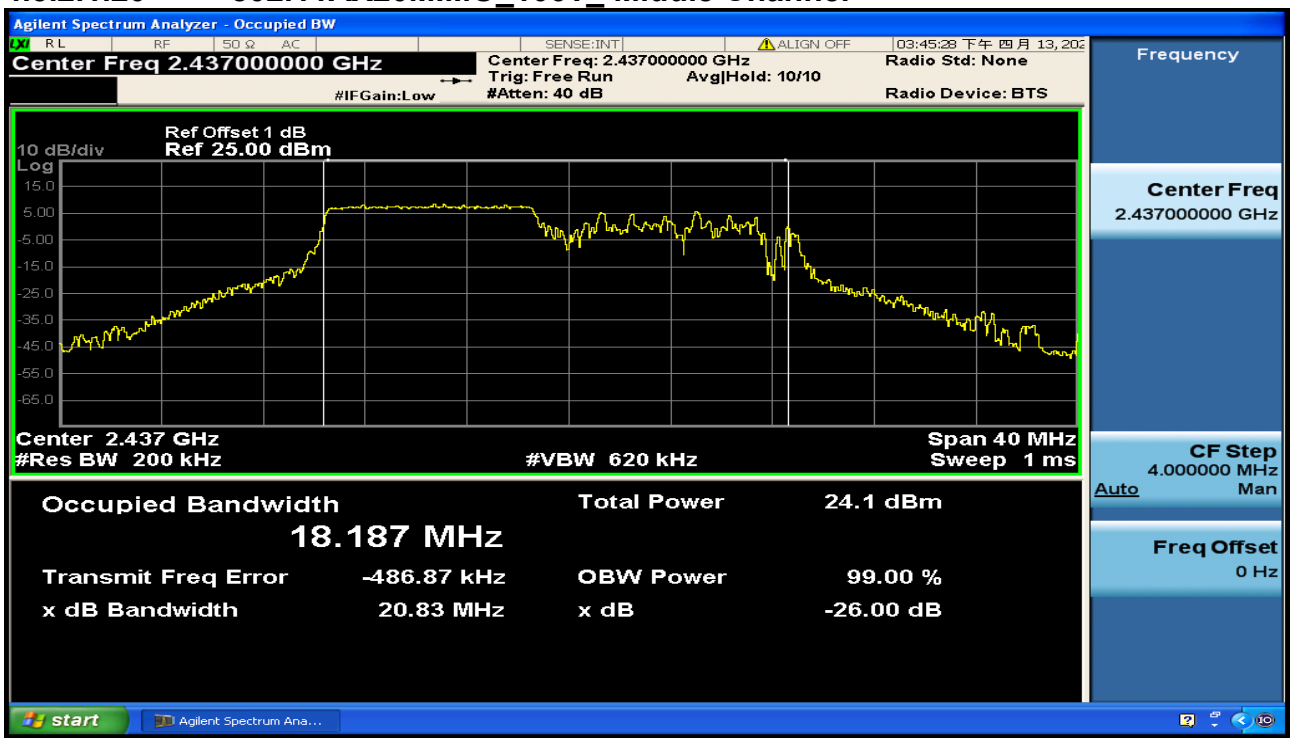
4.5.2.1.19 802.11AX20MIMO_106T_Lowest Channel



4.5.2.1.20 802.11AX20MIMO_106T_ Middle Channel



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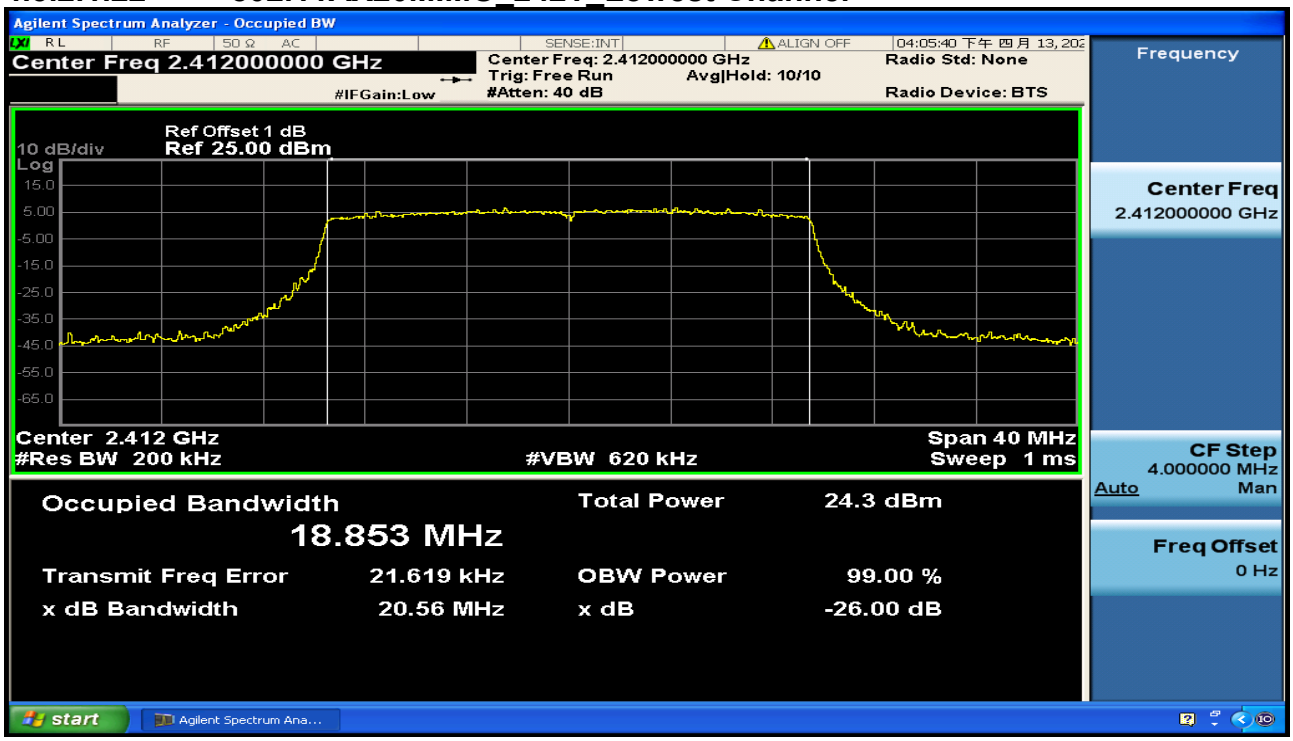
4.5.2.1.21 802.11AX20MIMO_106T_ Highest Channel

4.5.2.1.22 802.11AX20MIMO_242T_Lowest Channel



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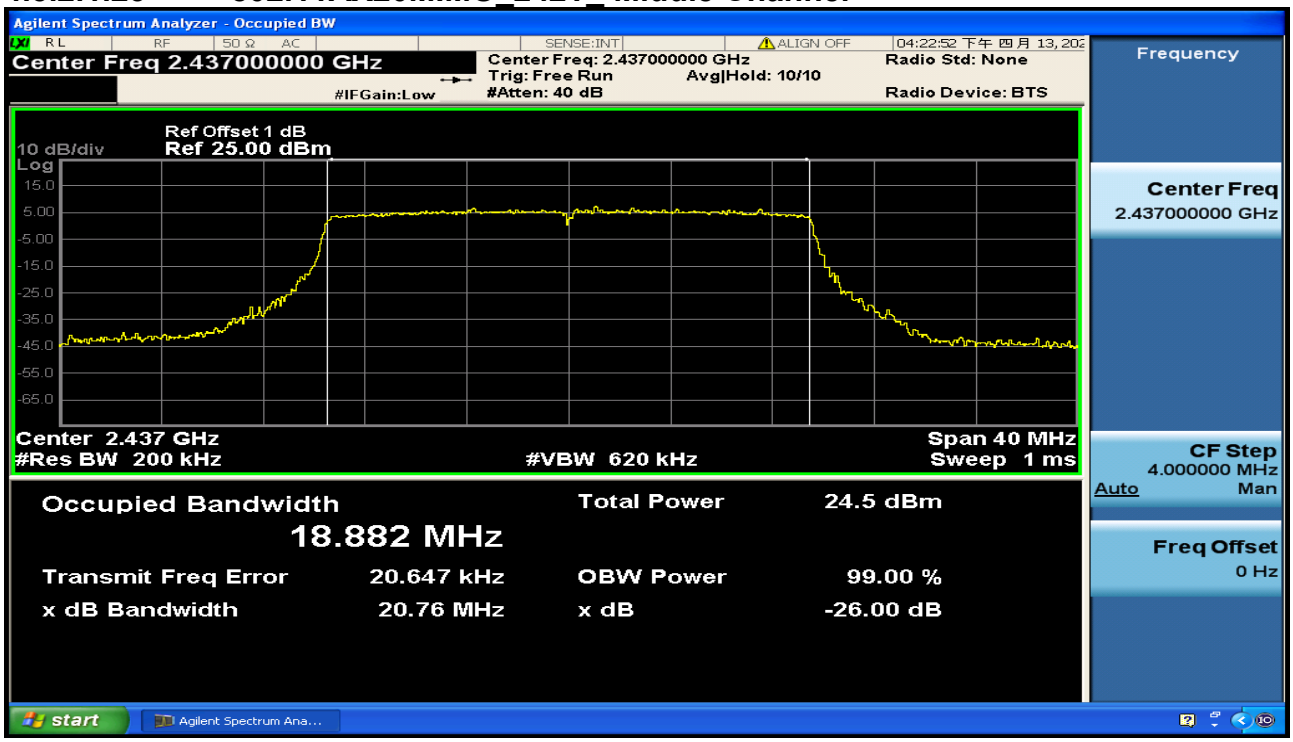
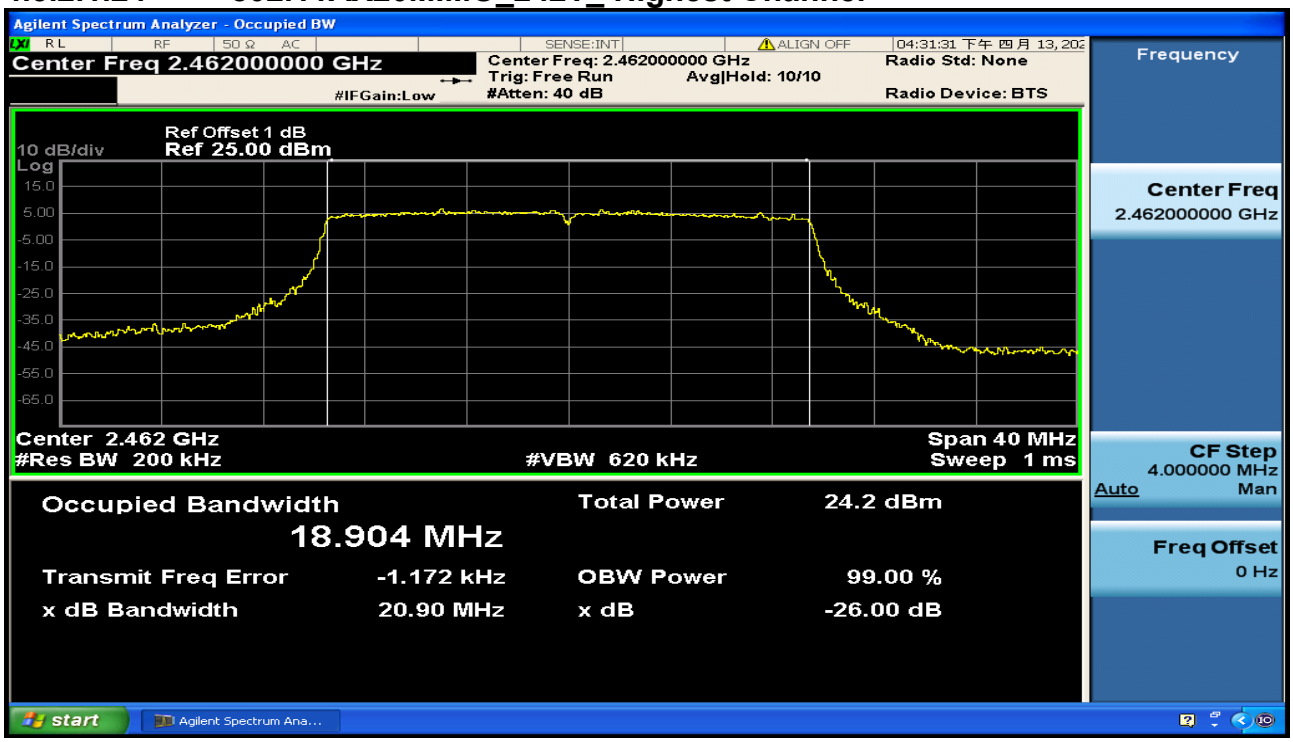
4.5.2.1.23 802.11AX20MIMO_242T_ Middle Channel



4.5.2.1.24 802.11AX20MIMO_242T_ Highest Channel



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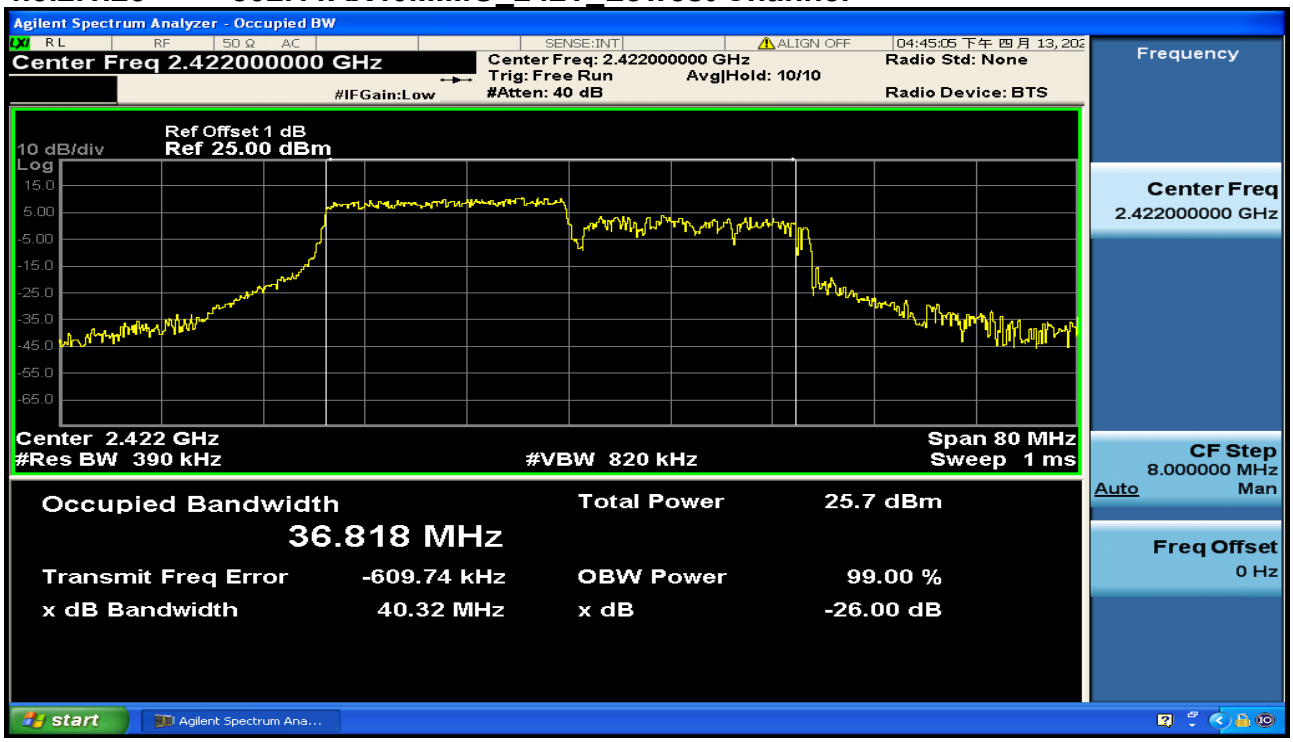
4.5.2.1.25 802.11AX40MIMO_242T_Lowest Channel



4.5.2.1.26 802.11AX40MIMO_242T_ Middle Channel

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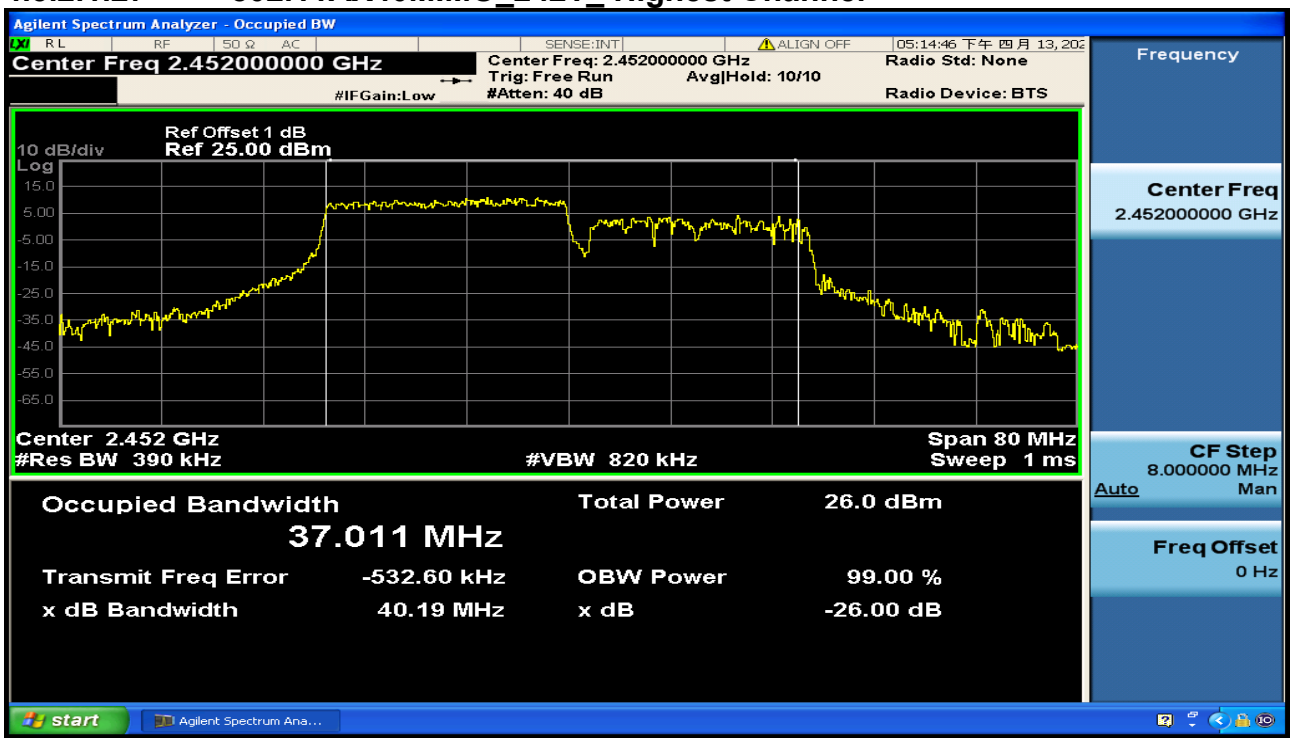
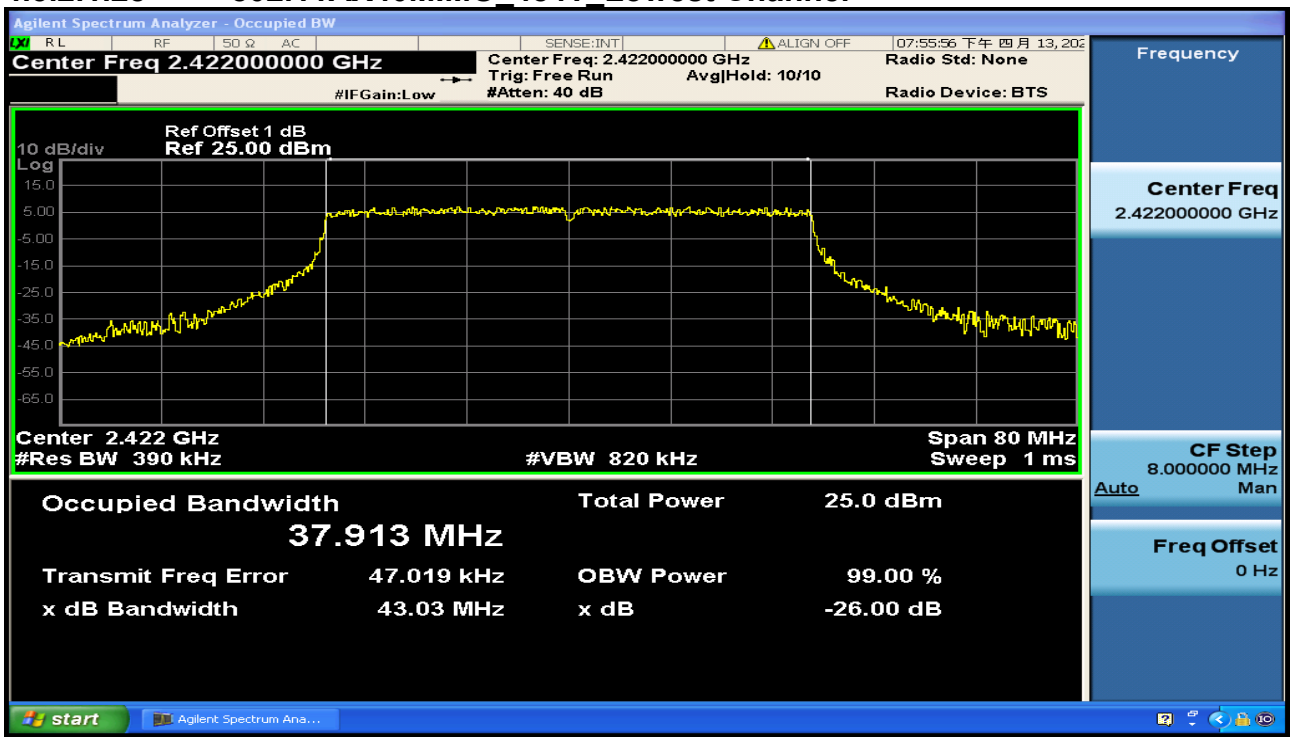
4.5.2.1.27 802.11AX40MIMO_242T_ Highest Channel



4.5.2.1.28 802.11AX40MIMO_484T_Lowest Channel



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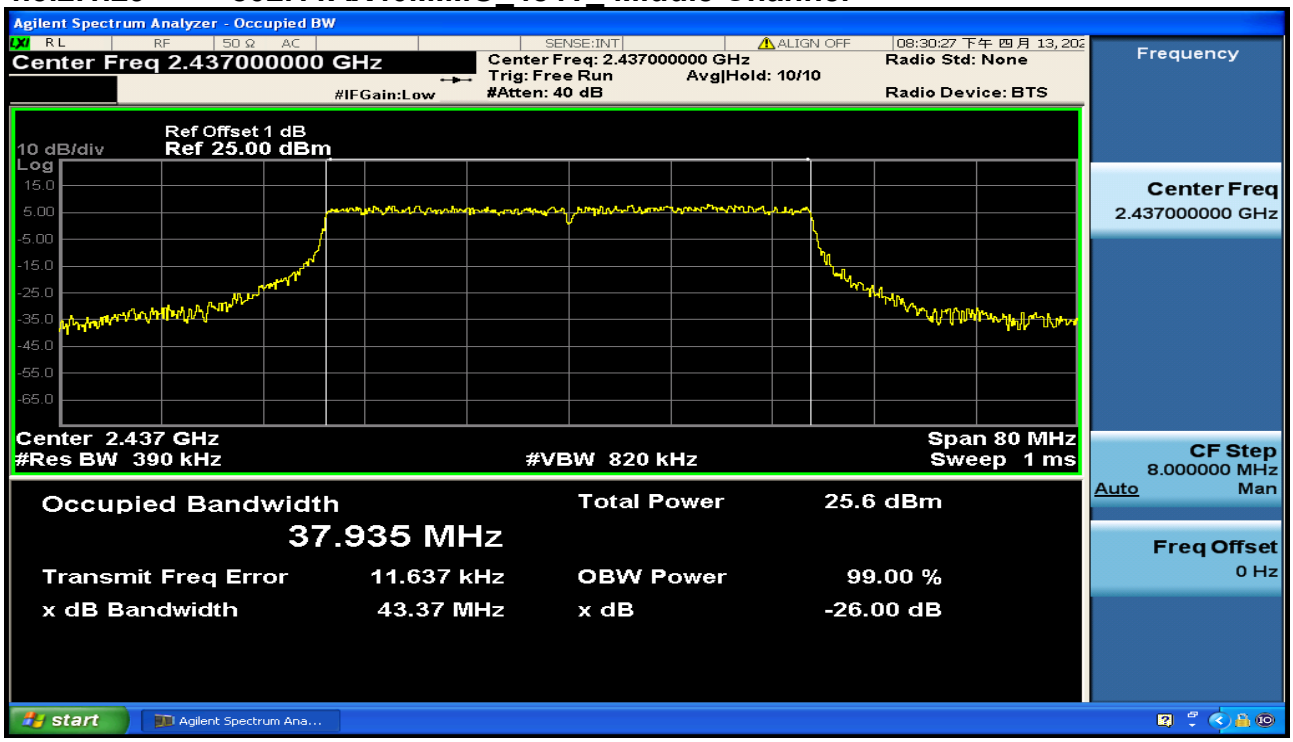
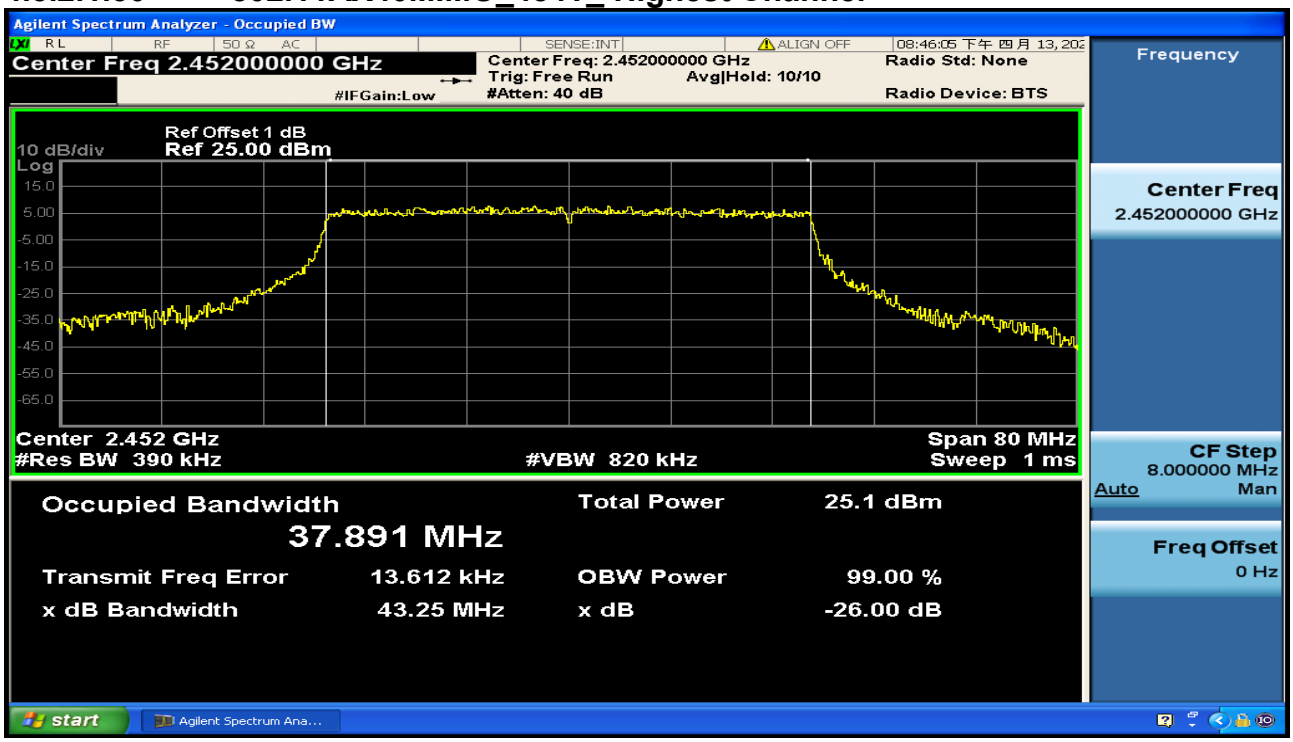
4.5.2.1.29 802.11AX40MIMO_484T_ Middle Channel



4.5.2.1.30 802.11AX40MIMO_484T_ Highest Channel



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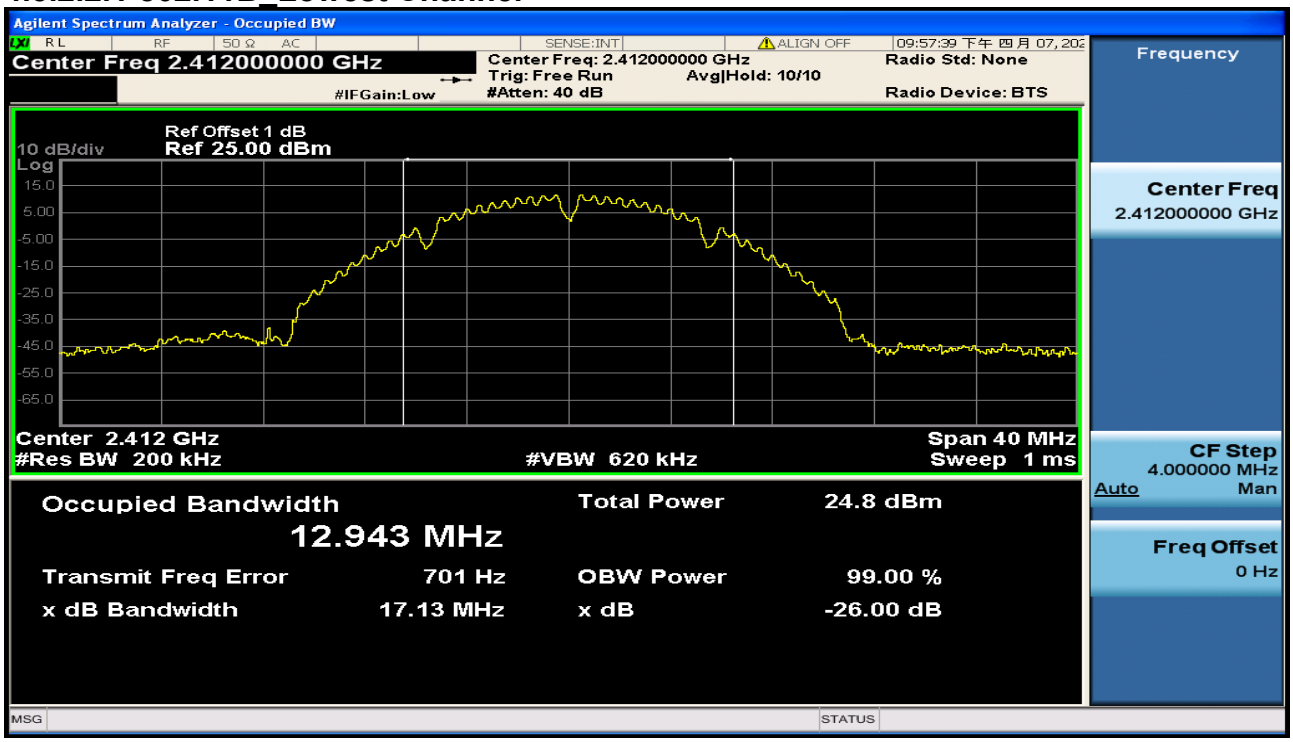
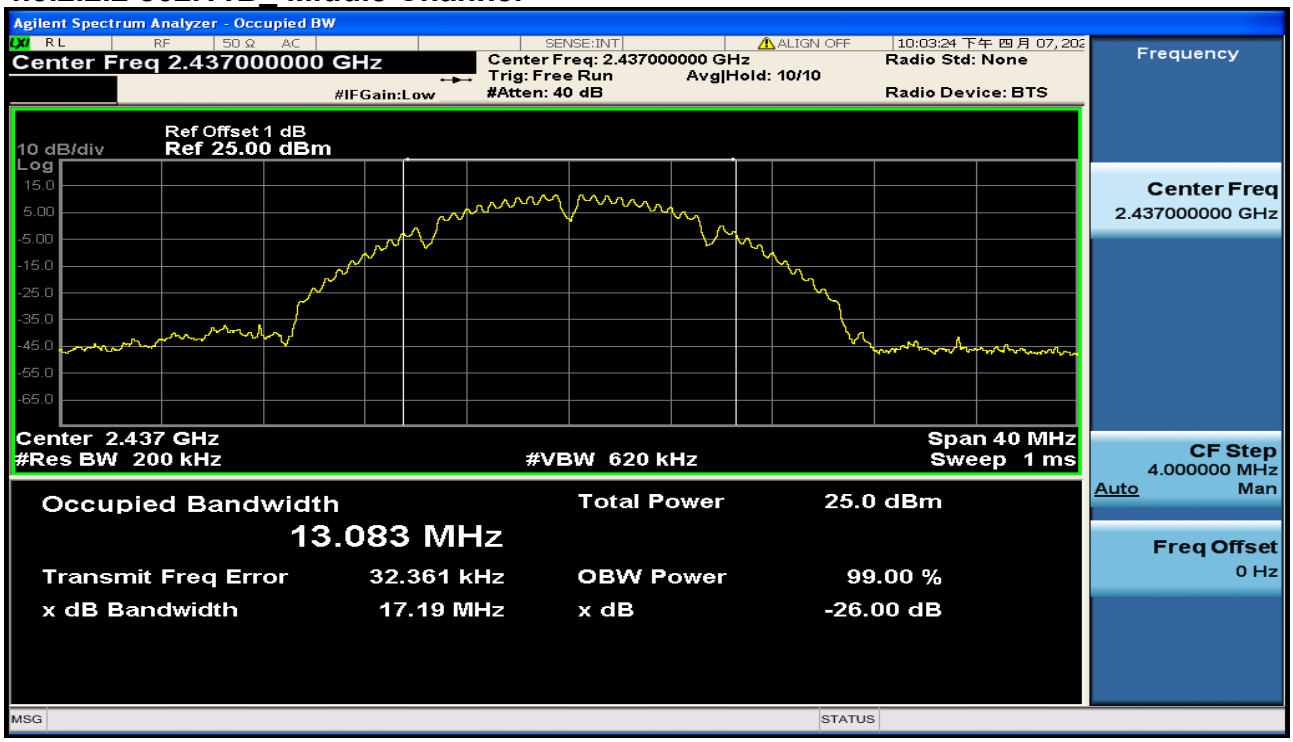
4.5.2.2 CDD & MIMO_ANT2

4.5.2.2.1 802.11B_Lowest Channel



4.5.2.2.2 802.11B_ Middle Channel



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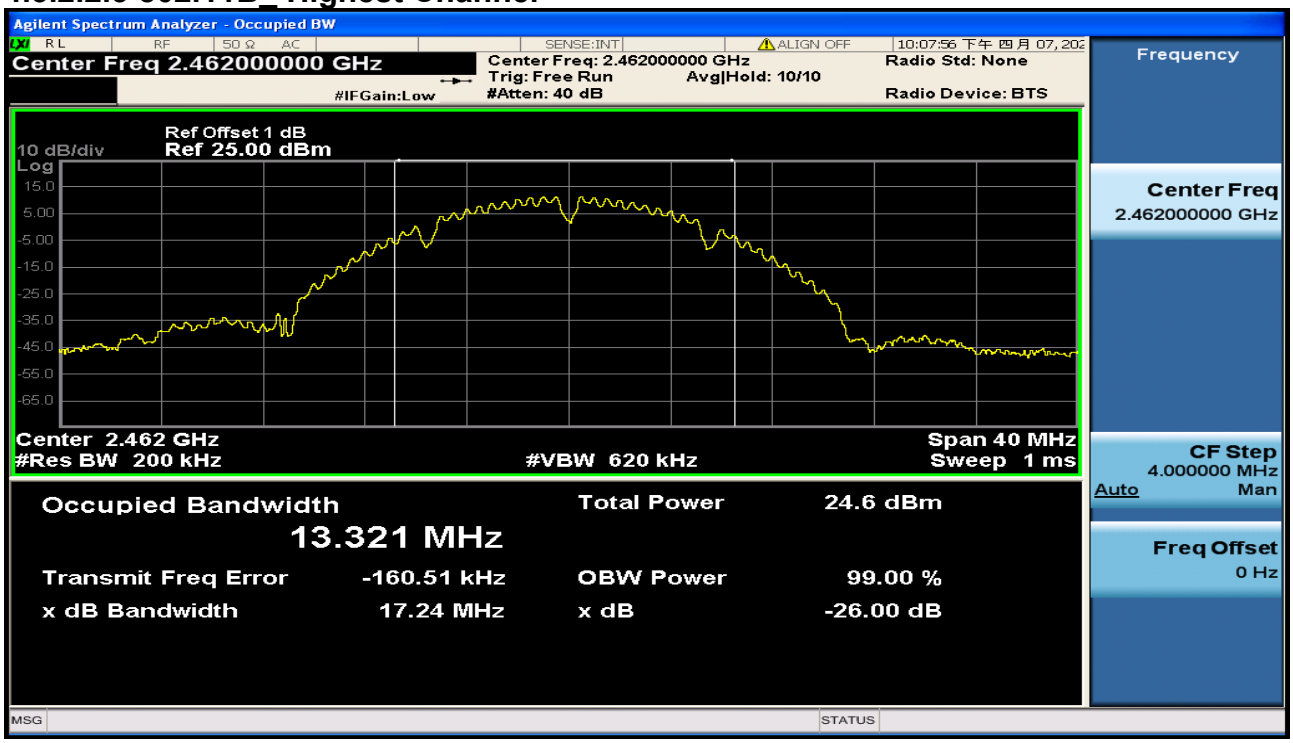
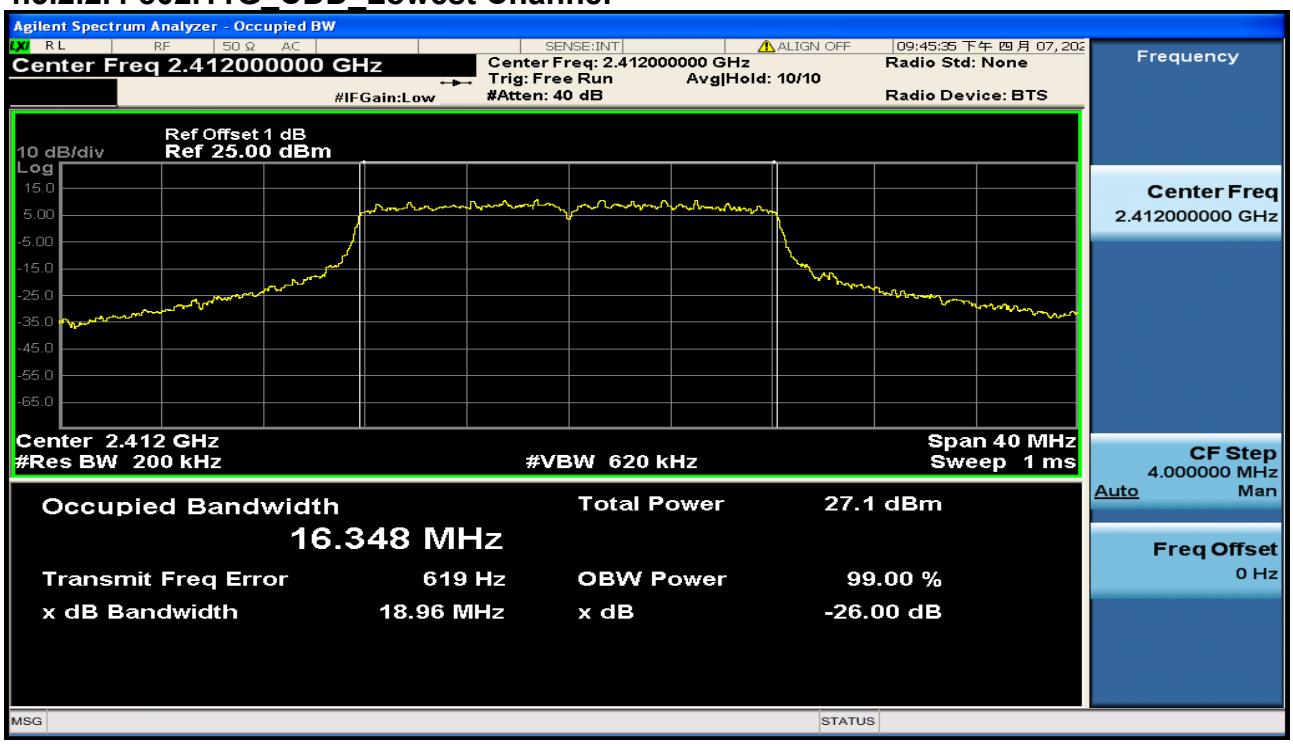
4.5.2.2.3 802.11B_ Highest Channel



4.5.2.2.4 802.11G_CDD_Lowest Channel



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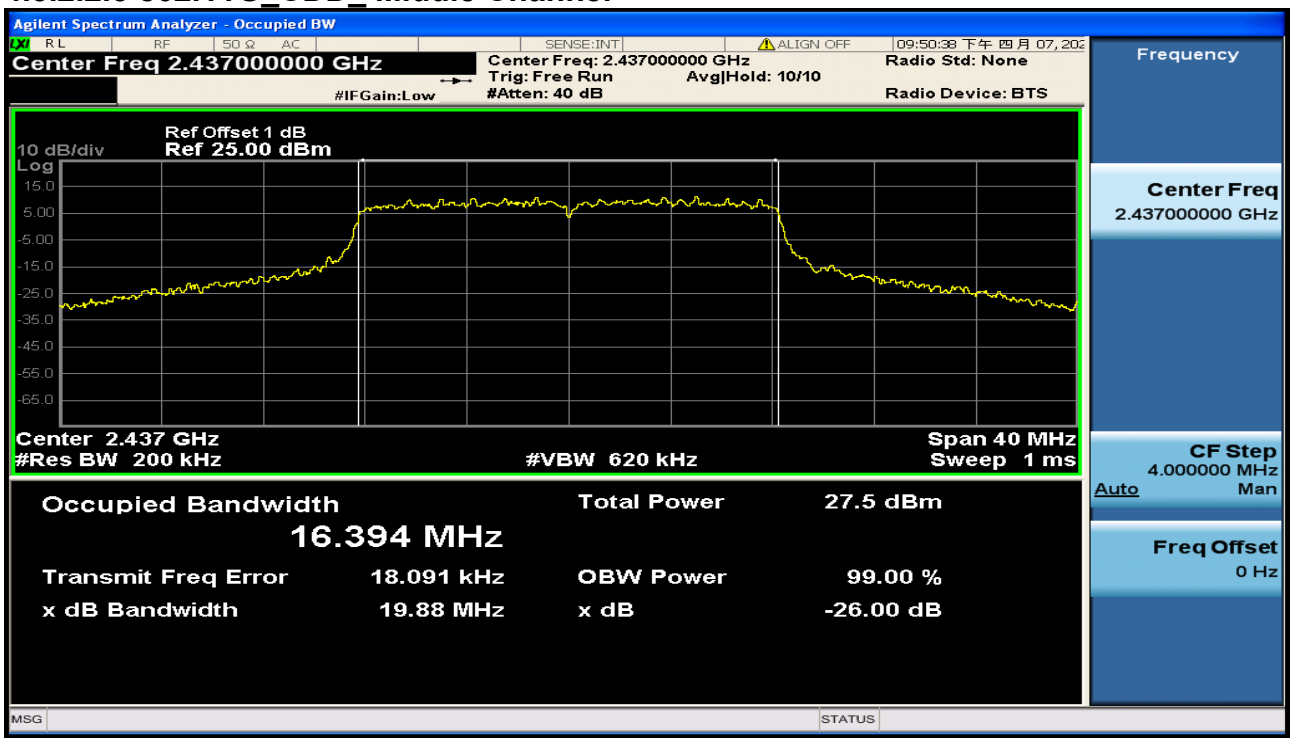
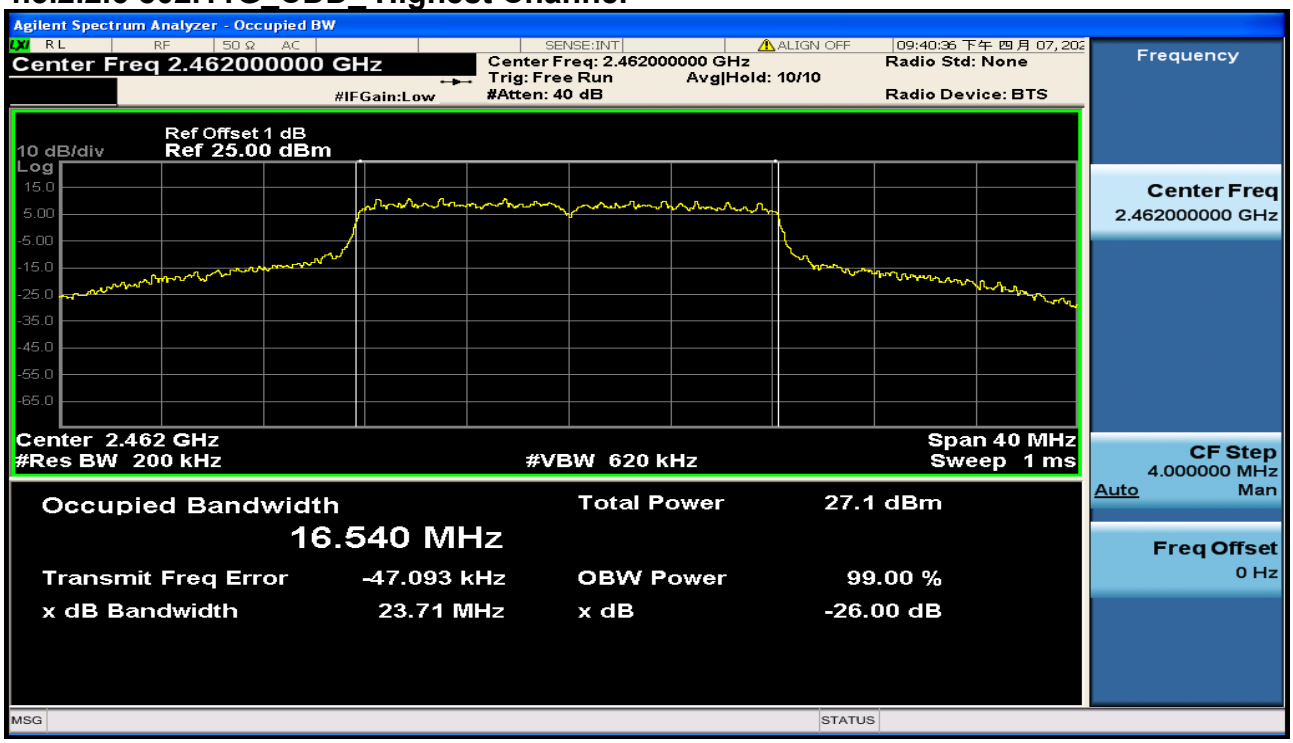
4.5.2.2.5 802.11G_CDD_ Middle Channel



4.5.2.2.6 802.11G_CDD_ Highest Channel



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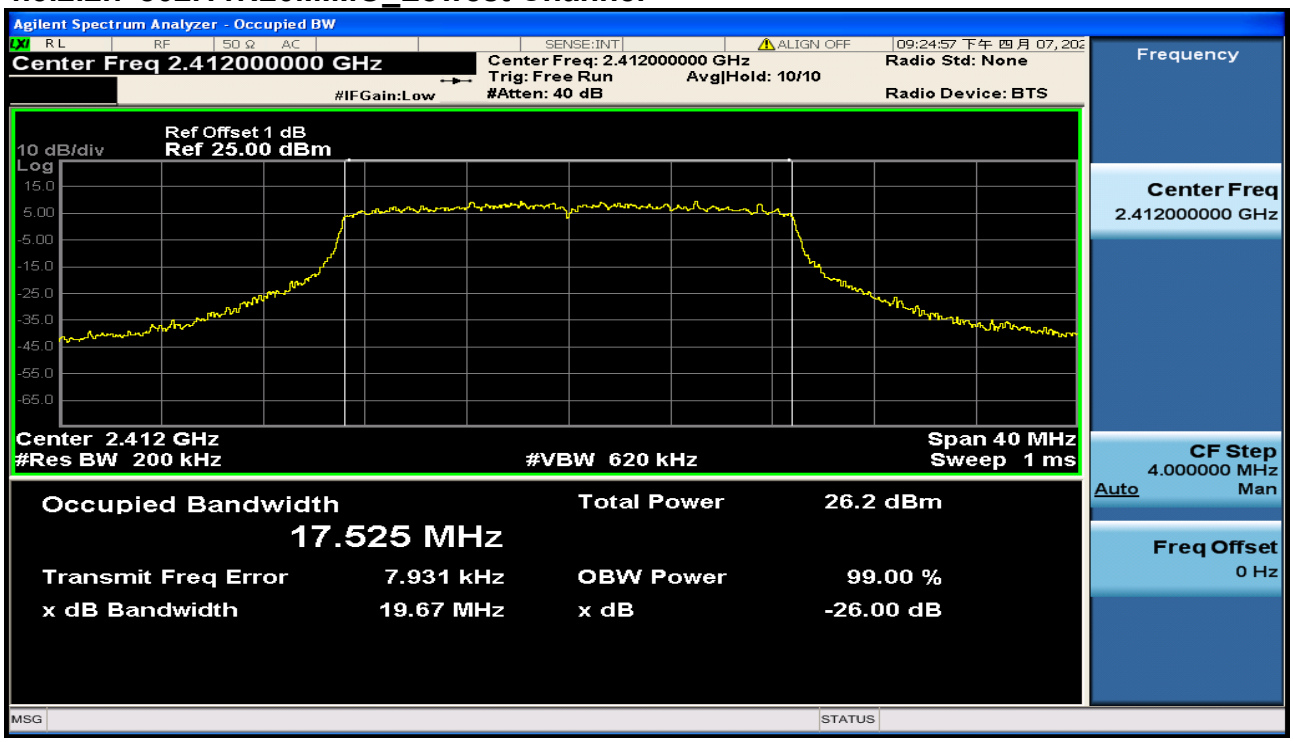
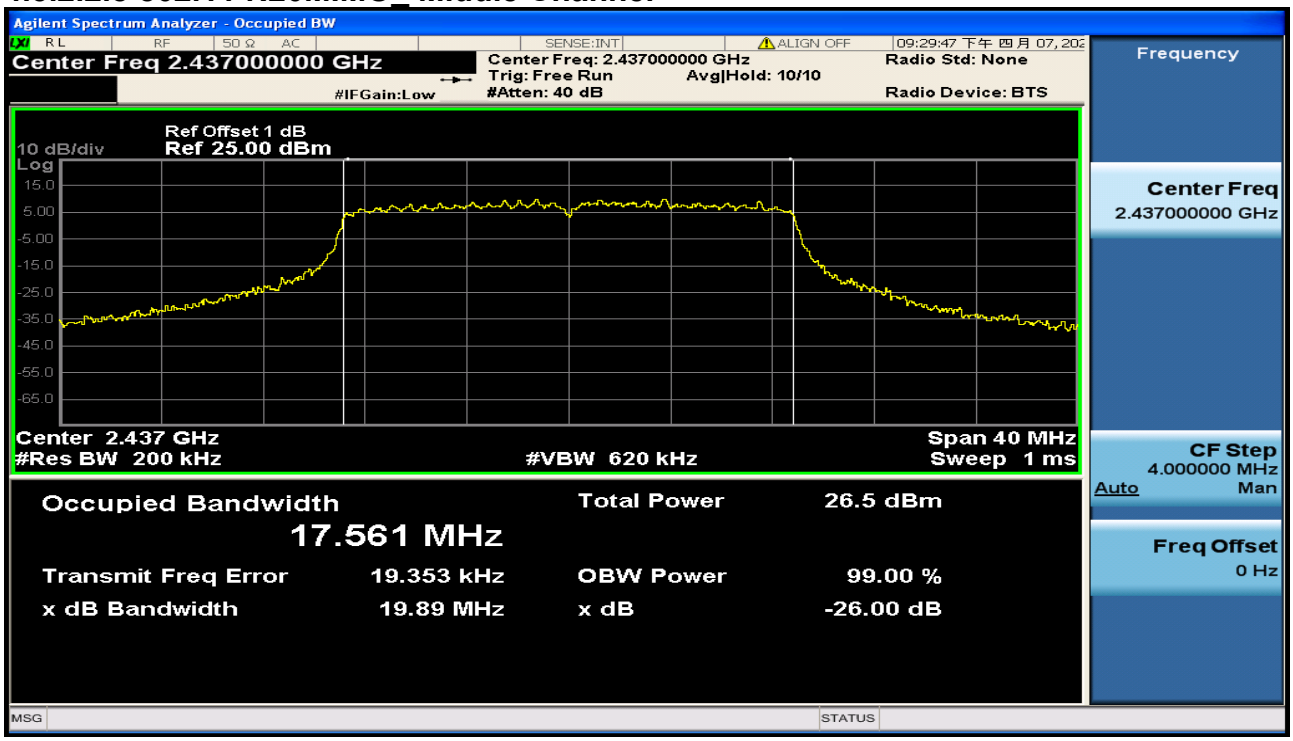
4.5.2.2.7 802.11N20MIMO_Lowest Channel



4.5.2.2.8 802.11 N20MIMO_ Middle Channel



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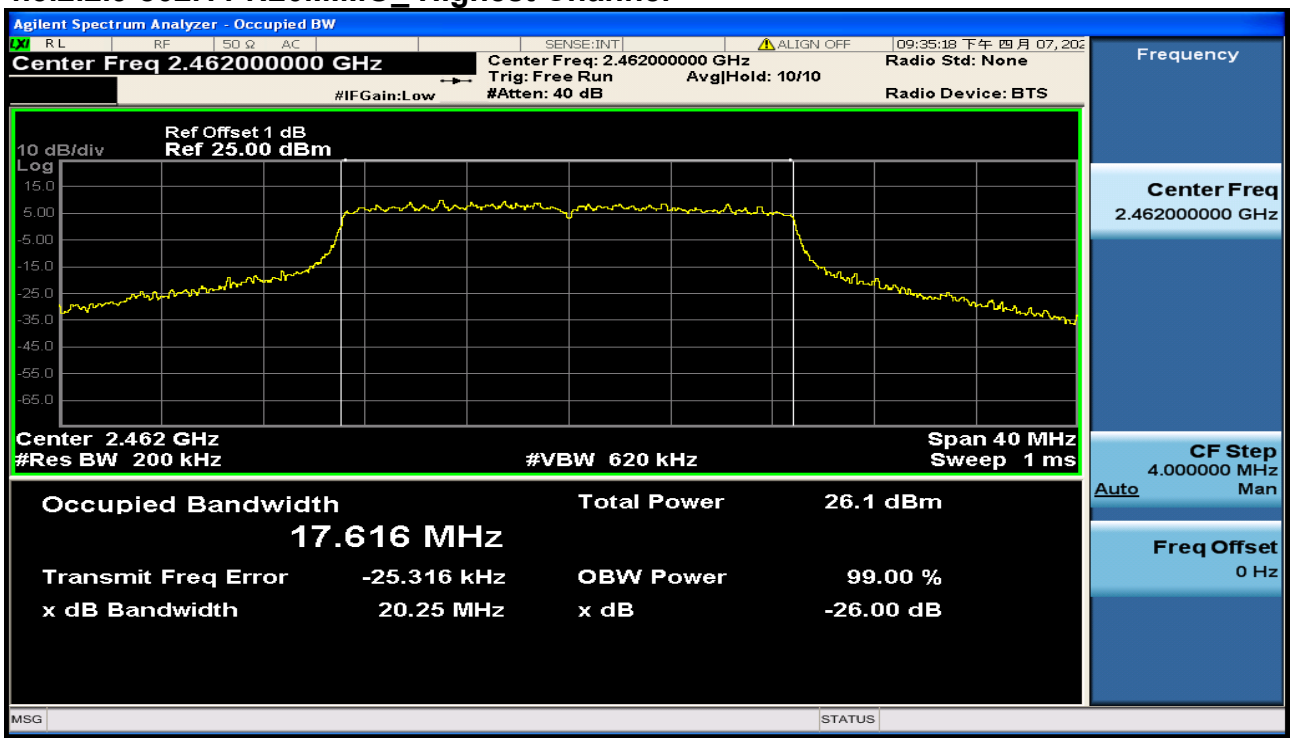
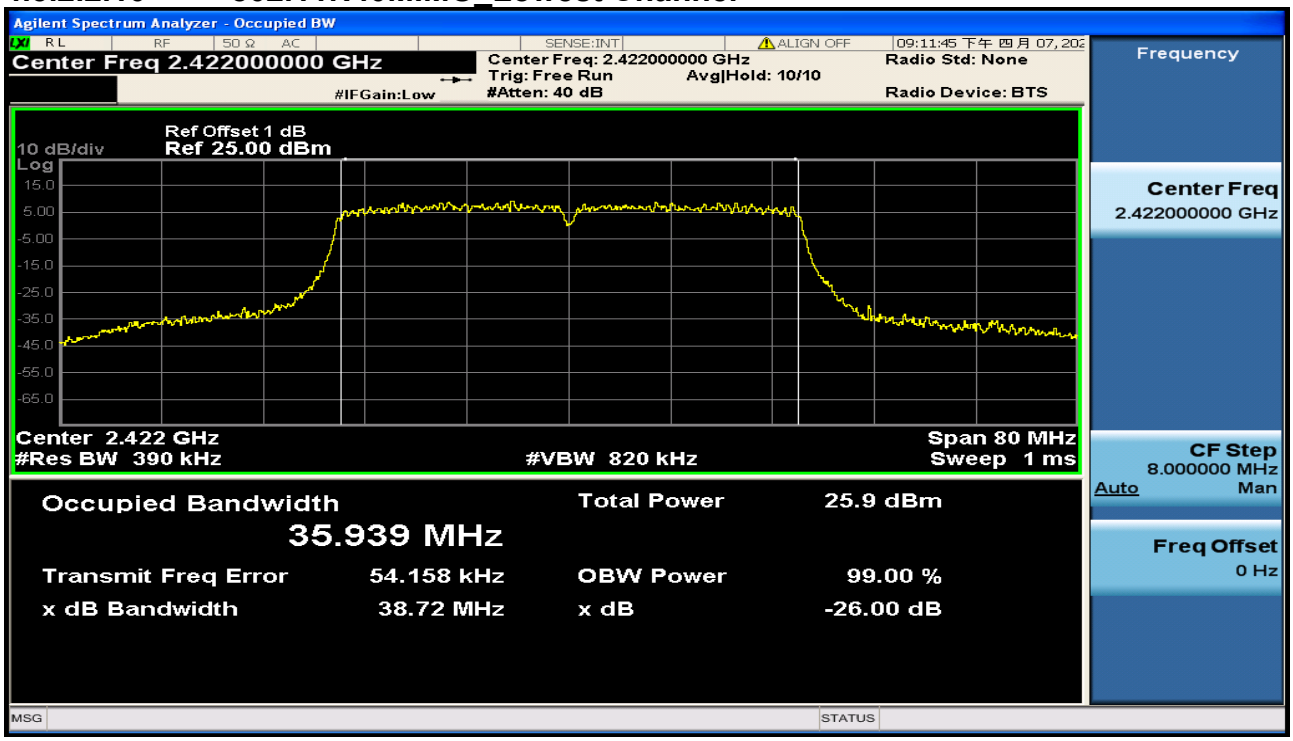
4.5.2.2.9 802.11 N20MIMO_ Highest Channel



4.5.2.2.10 802.11N40MIMO_Lowest Channel



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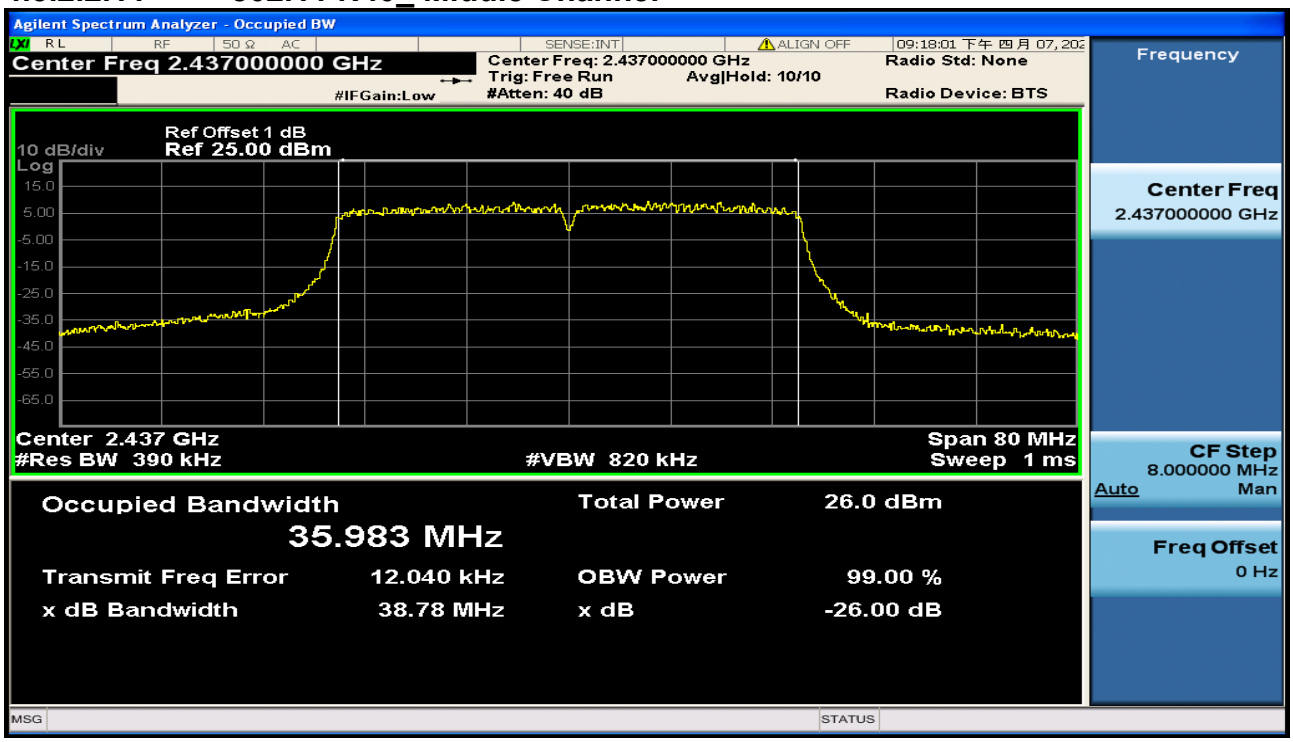
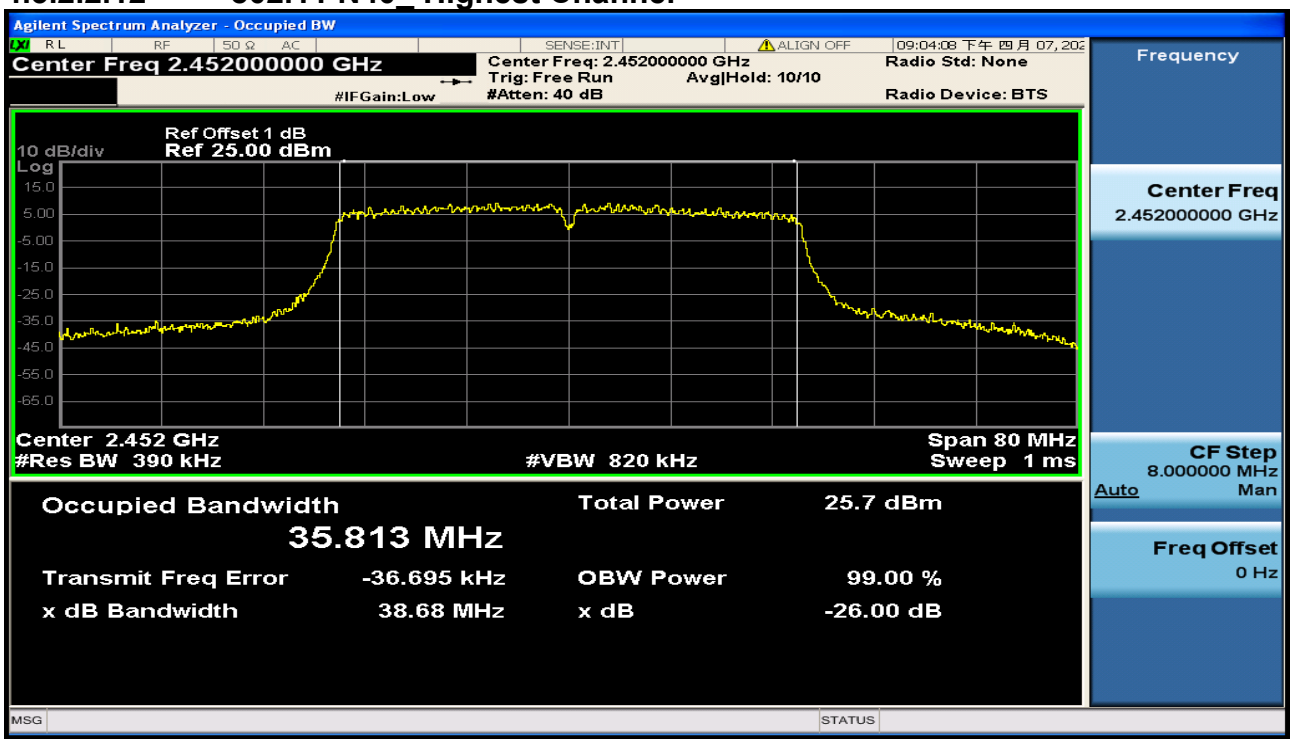
4.5.2.2.11 802.11 N40_ Middle Channel



4.5.2.2.12 802.11 N40_ Highest Channel



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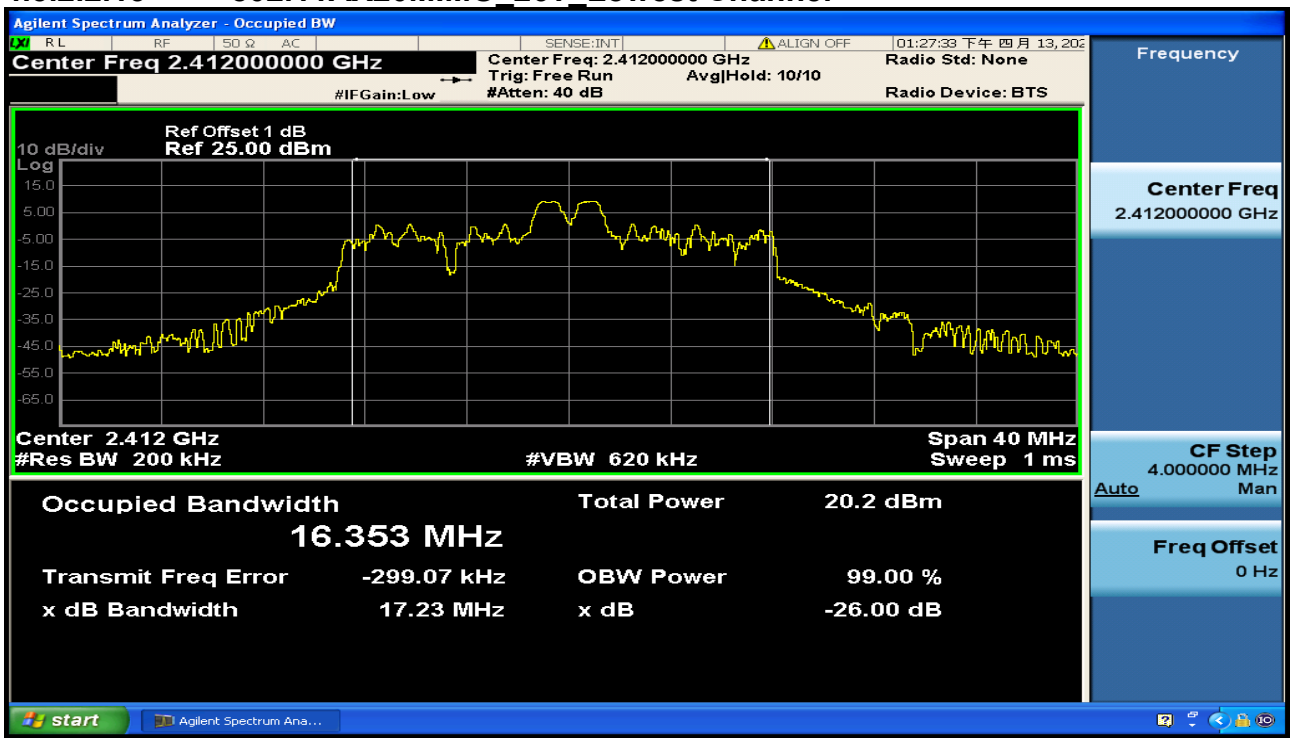
4.5.2.2.13 802.11AX20MIMO_26T_Lowest Channel



4.5.2.2.14 802.11AX20MIMO_26T_ Middle Channel

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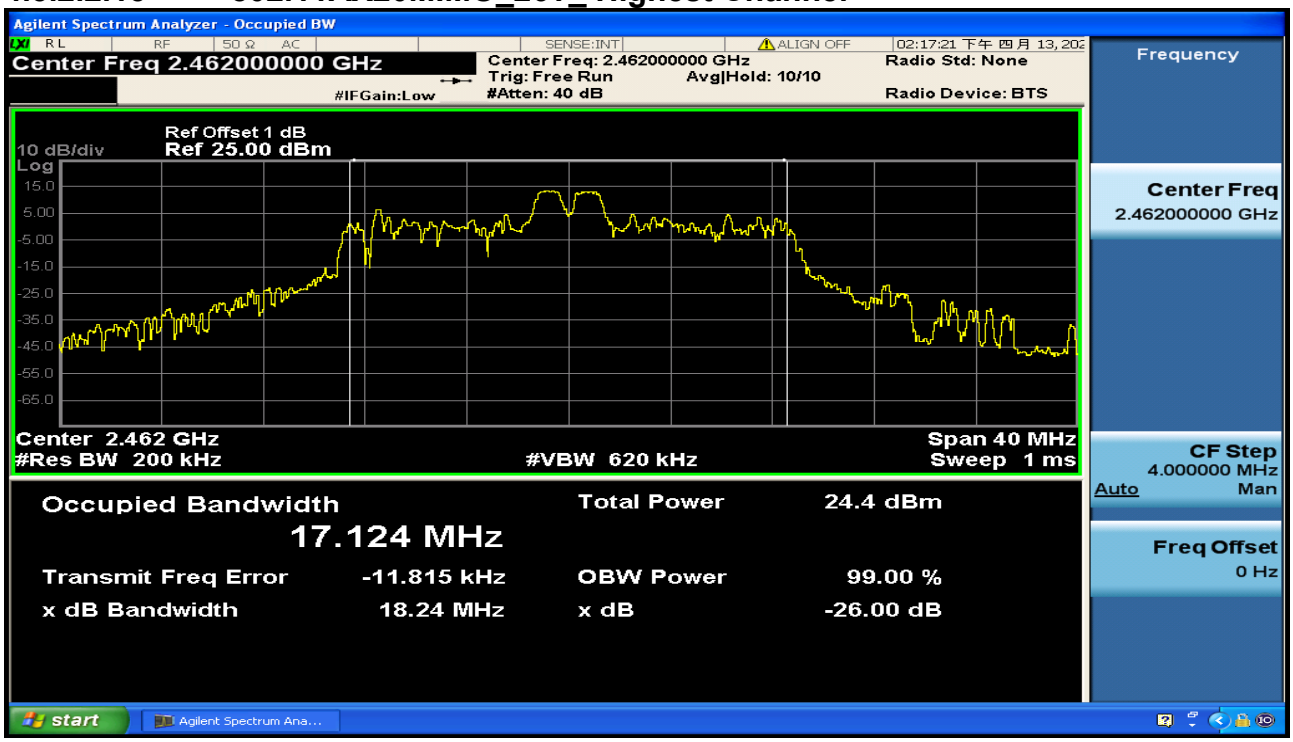
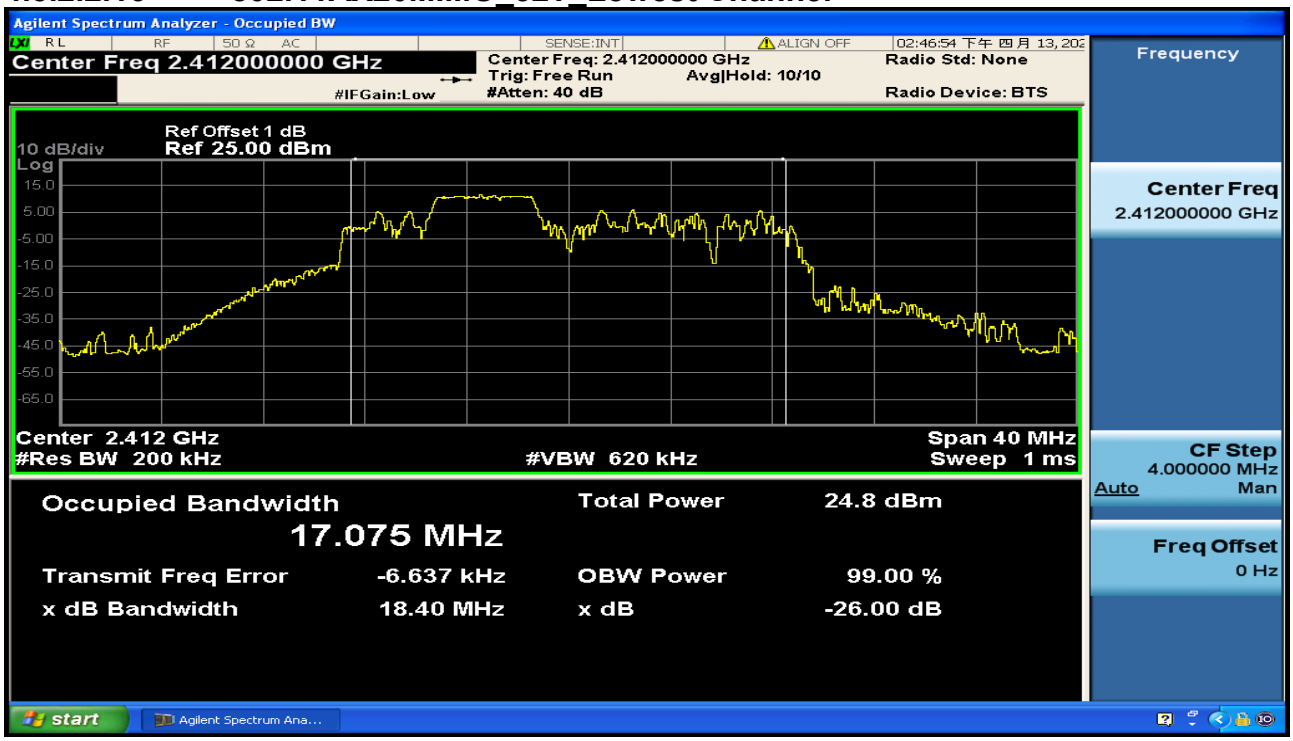
4.5.2.2.15 802.11AX20MIMO_26T_ Highest Channel



4.5.2.2.16 802.11AX20MIMO_52T_Lowest Channel



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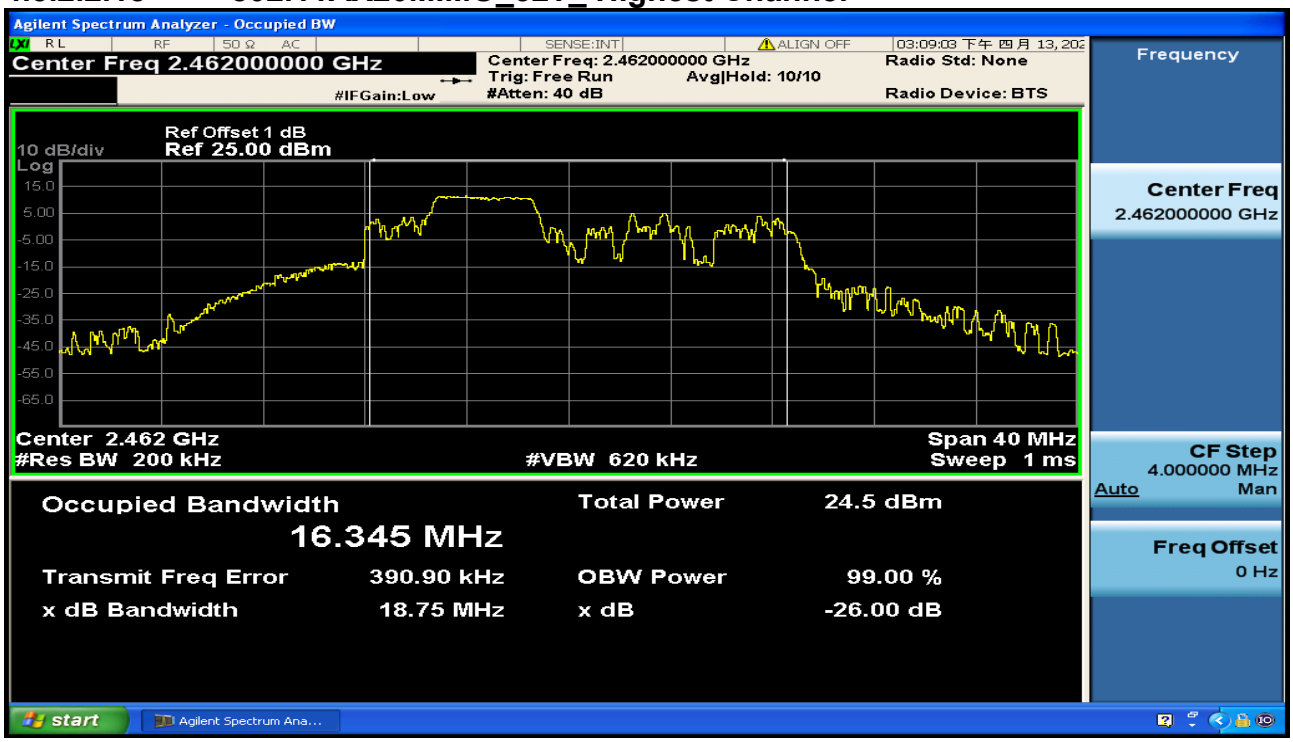
4.5.2.2.17 802.11AX20MIMO_52T_ Middle Channel

4.5.2.2.18 802.11AX20MIMO_52T_ Highest Channel



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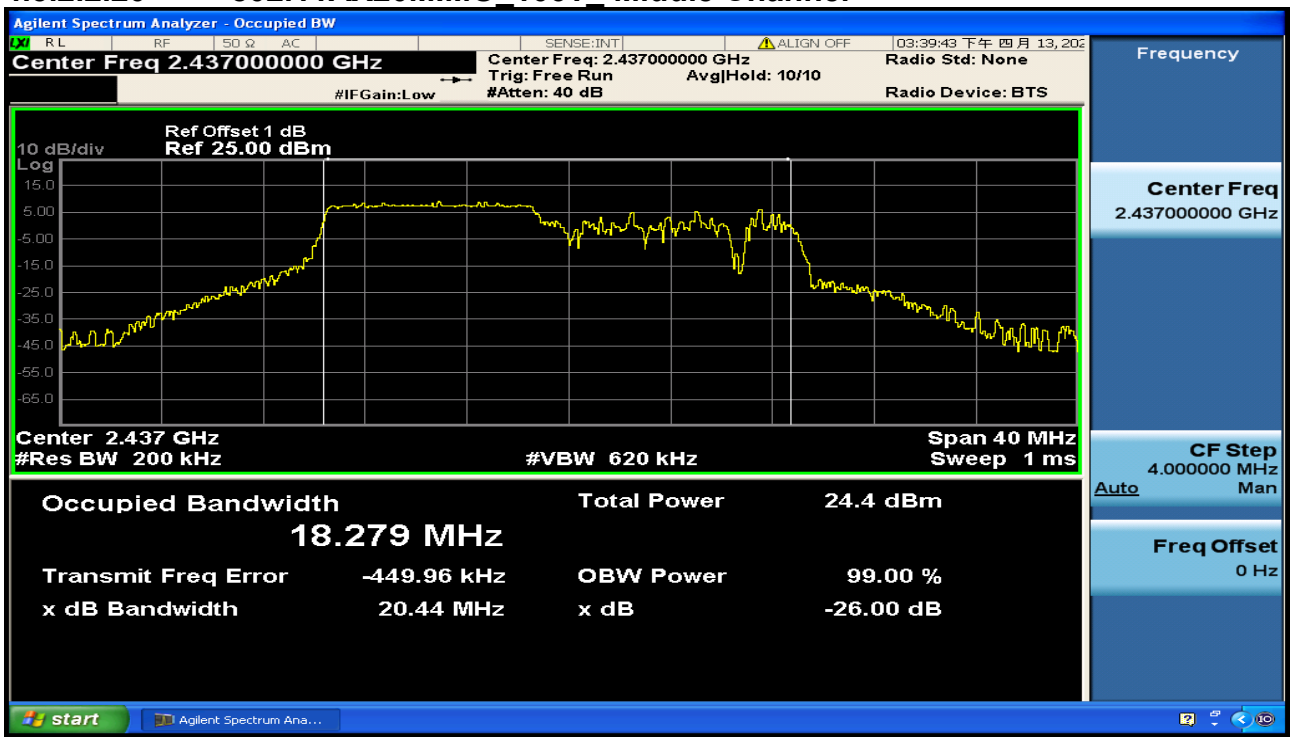
4.5.2.2.19 802.11AX20MIMO_106T_Lowest Channel

4.5.2.2.20 802.11AX20MIMO_106T_ Middle Channel



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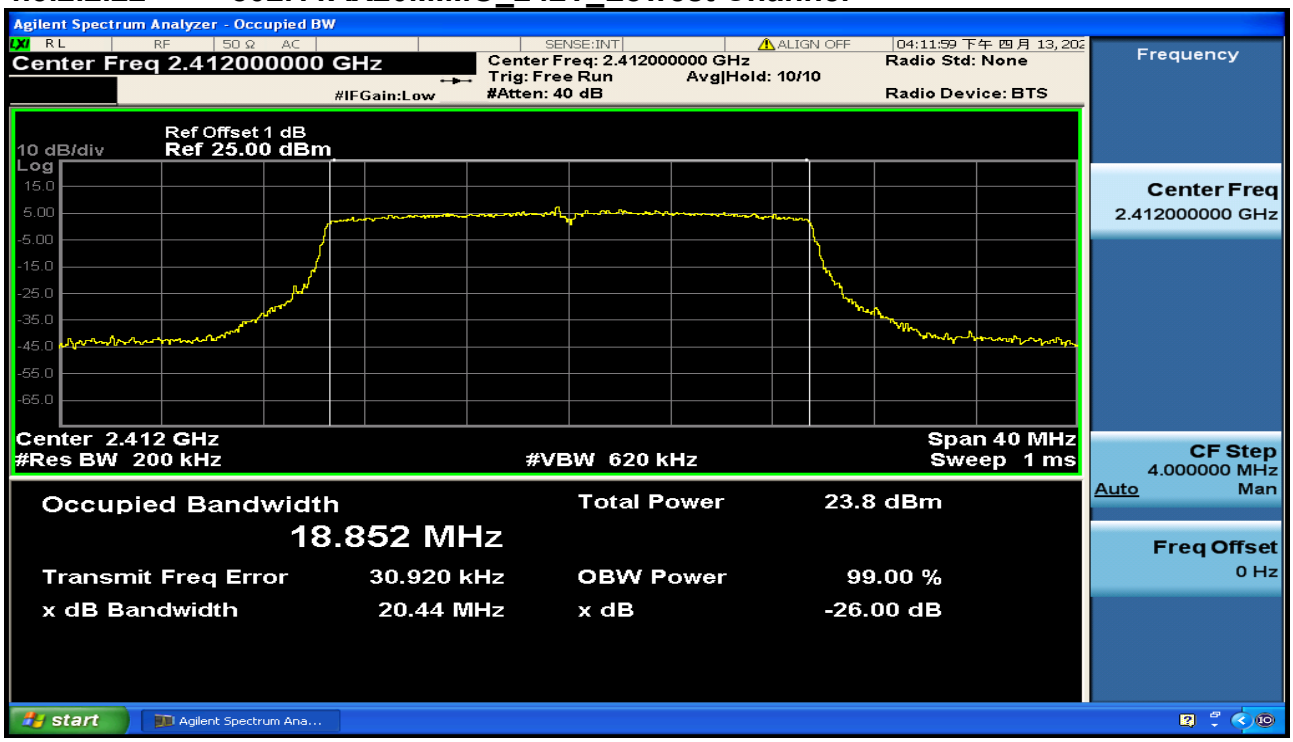
4.5.2.2.21 802.11AX20MIMO_106T_ Highest Channel

4.5.2.2.22 802.11AX20MIMO_242T_Lowest Channel



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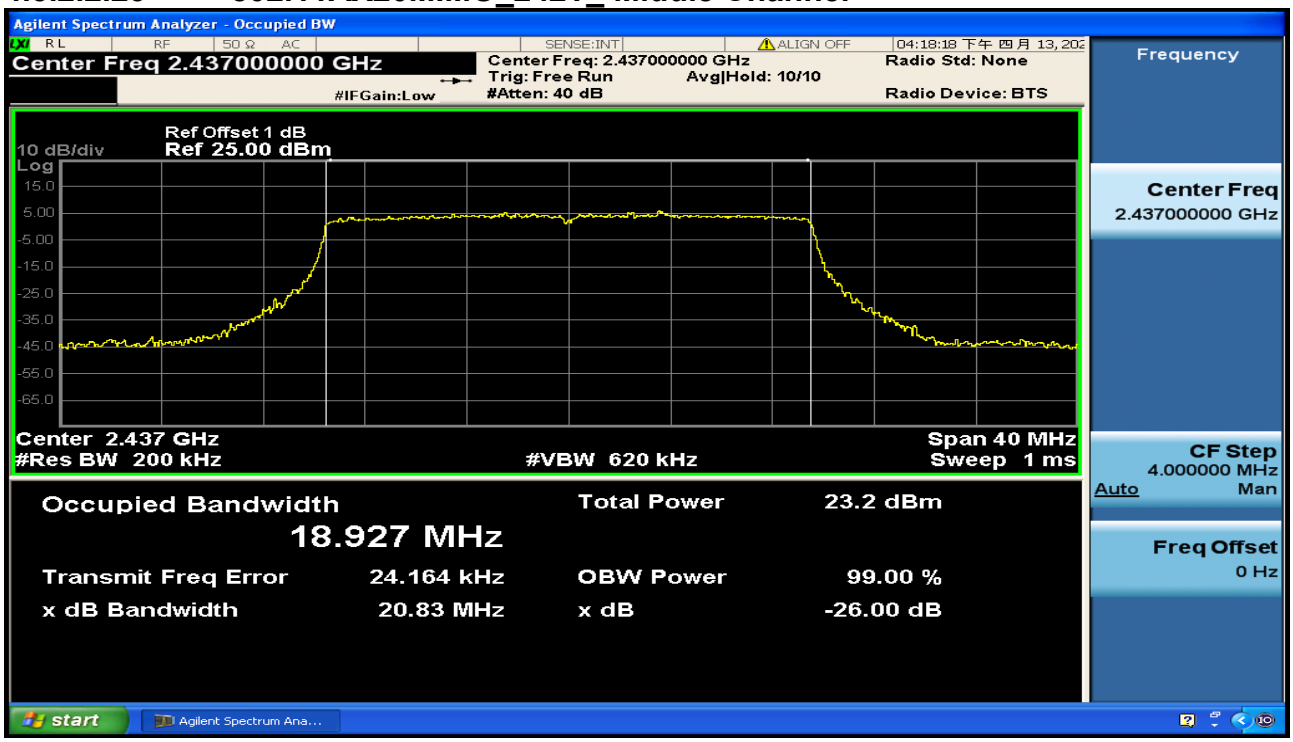
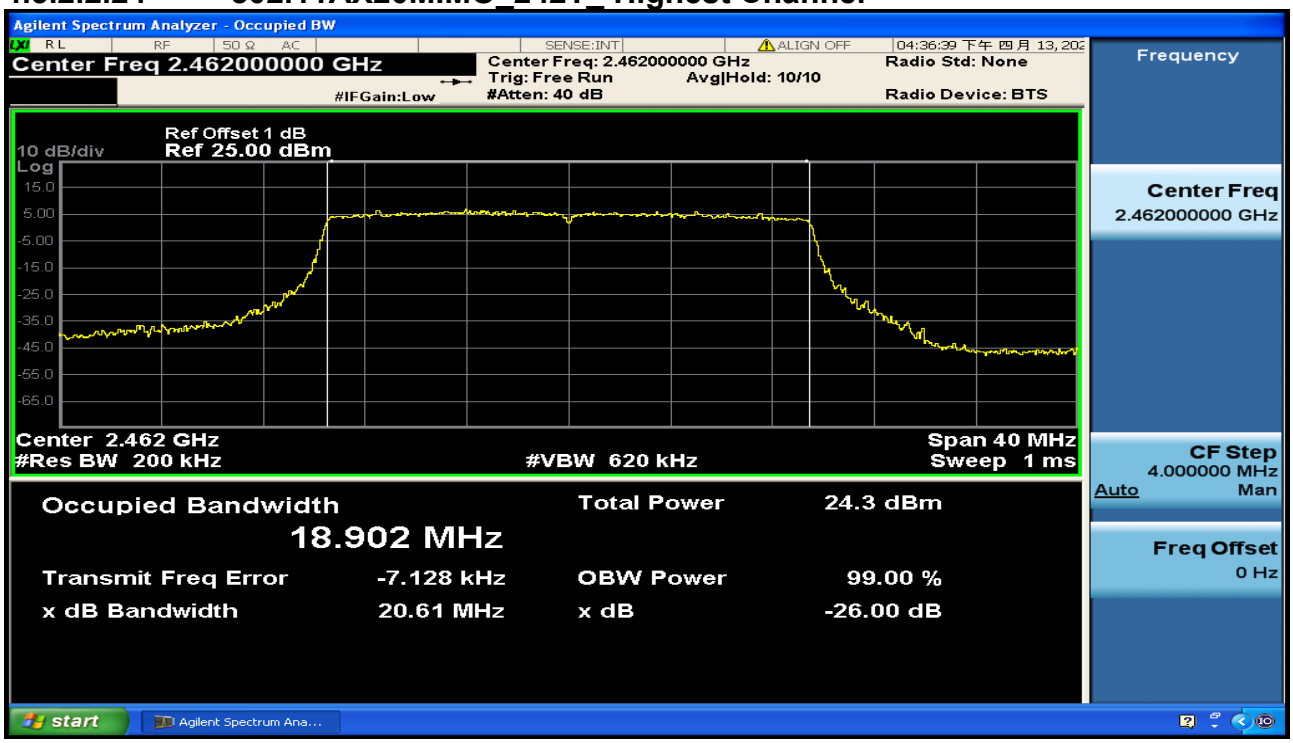
4.5.2.2.23 802.11AX20MIMO_242T_ Middle Channel



4.5.2.2.24 802.11AX20MIMO_242T_ Highest Channel



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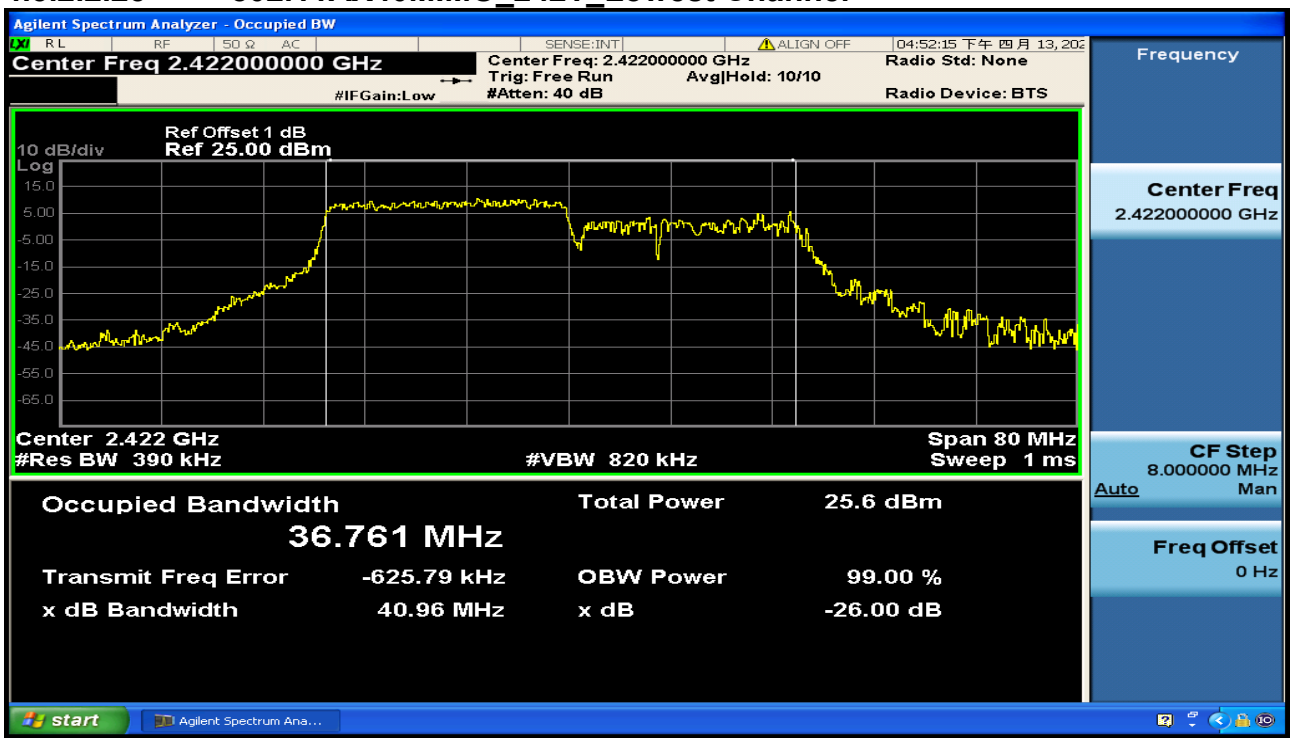
4.5.2.2.25 802.11AX40MIMO_242T_Lowest Channel



4.5.2.2.26 802.11AX40MIMO_242T_ Middle Channel

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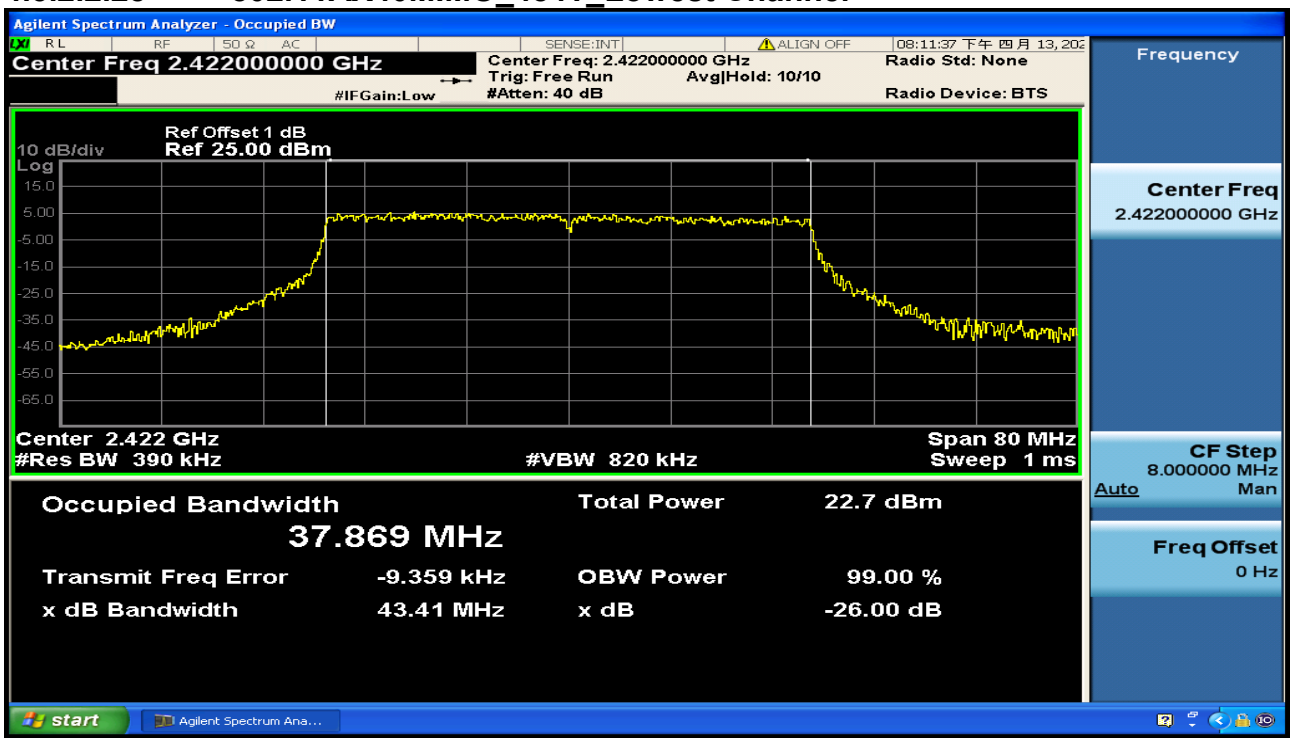
4.5.2.2.27 802.11AX40MIMO_242T_ Highest Channel

4.5.2.2.28 802.11AX40MIMO_484T_Lowest Channel



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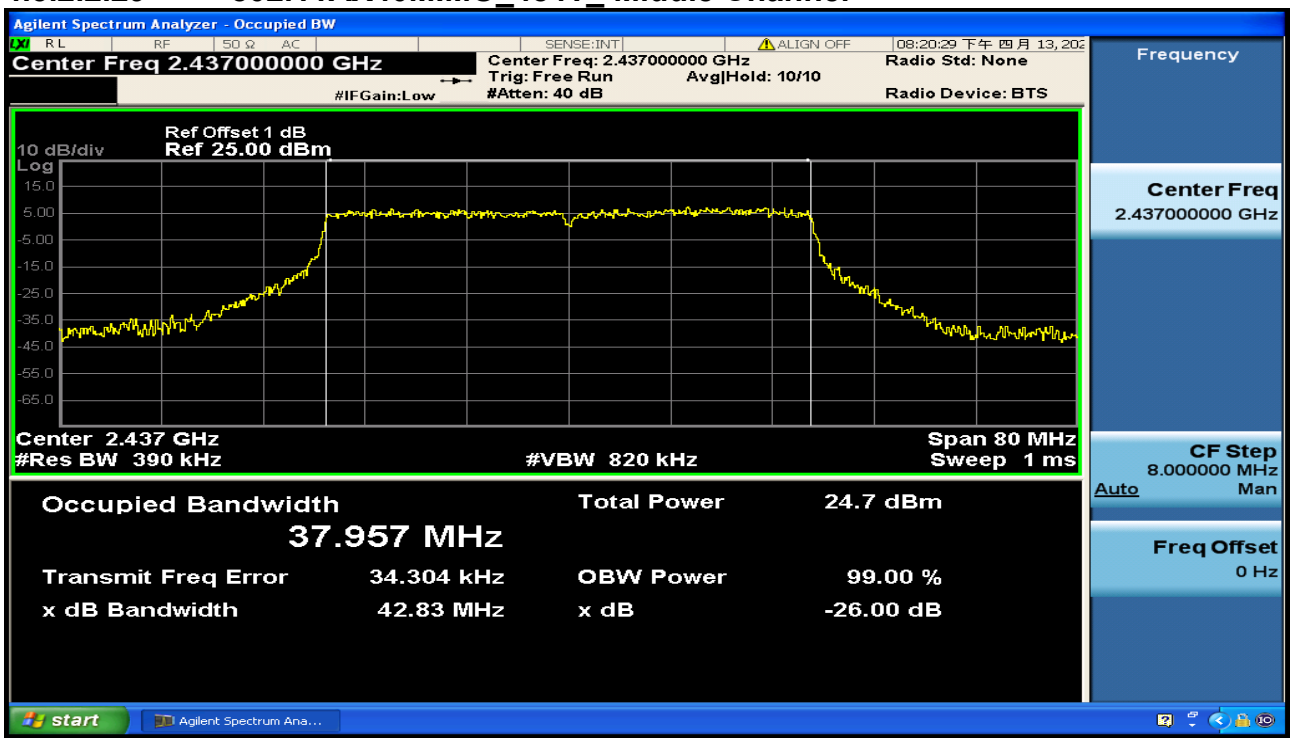
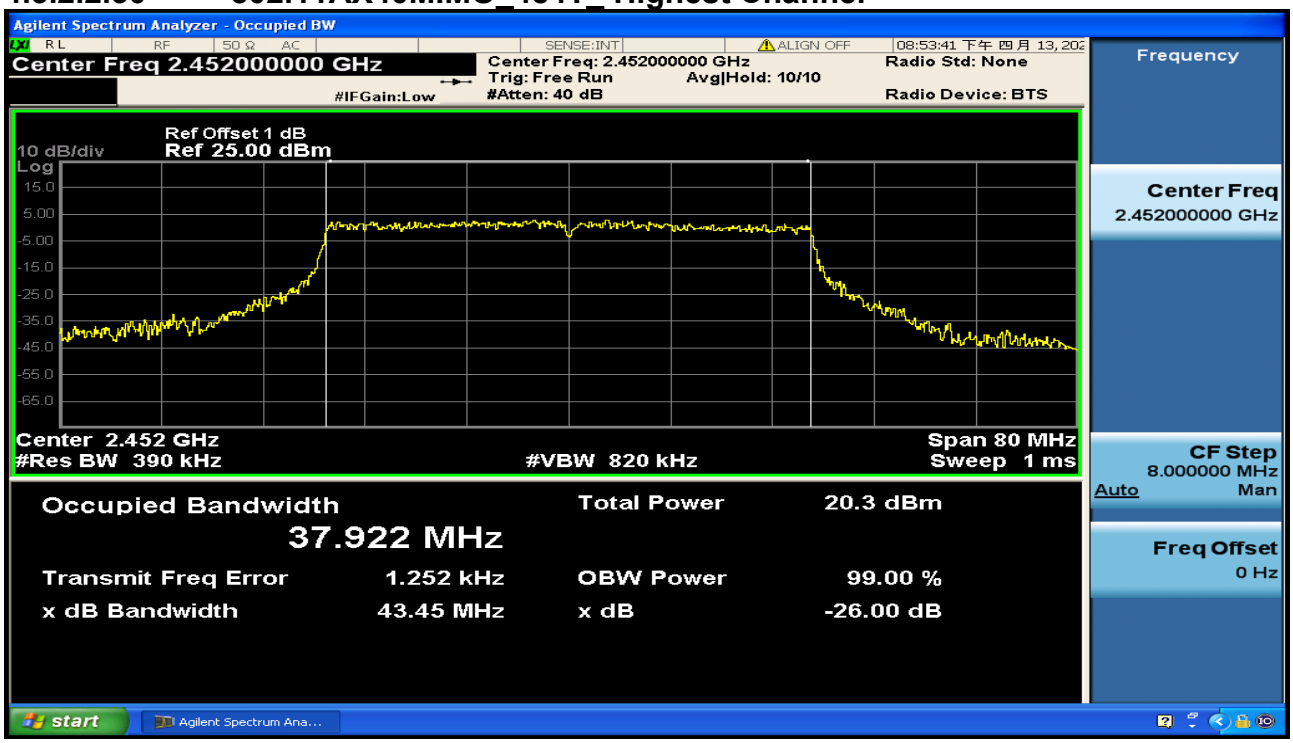
4.5.2.2.29 802.11AX40MIMO_484T_ Middle Channel



4.5.2.2.30 802.11AX40MIMO_484T_ Highest Channel



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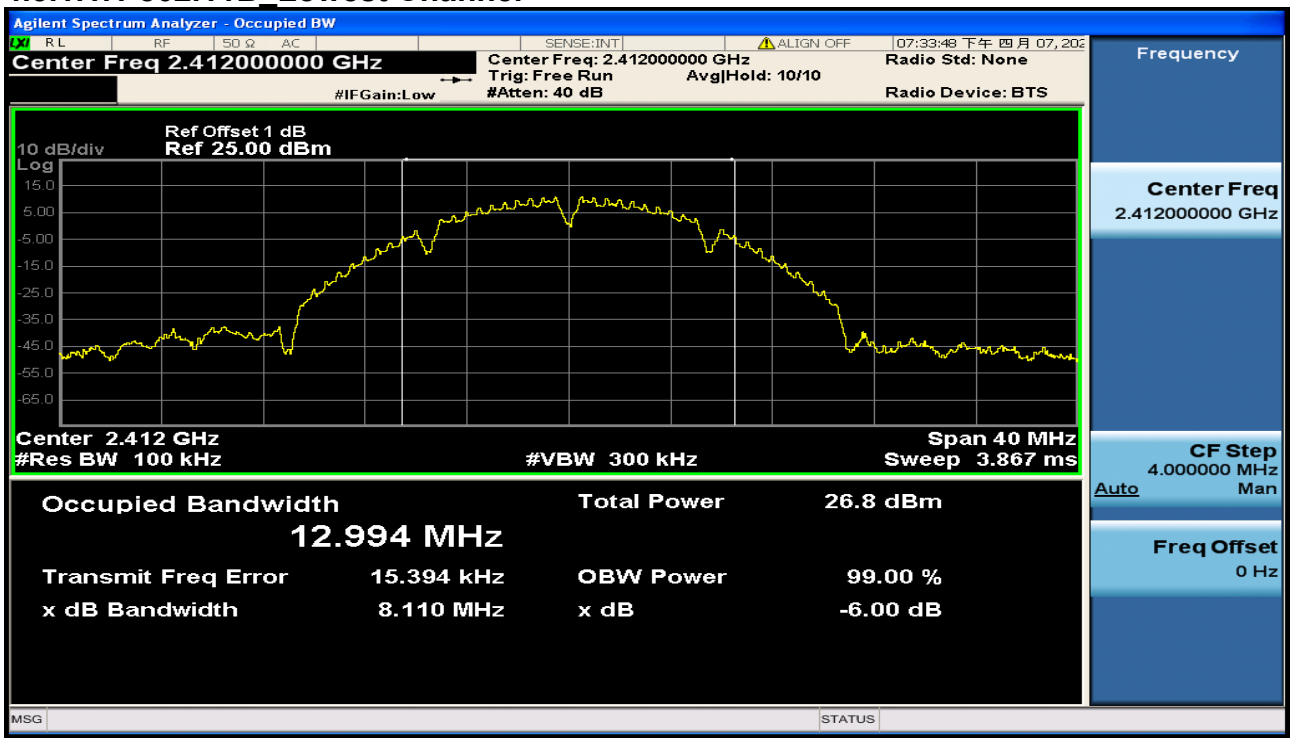
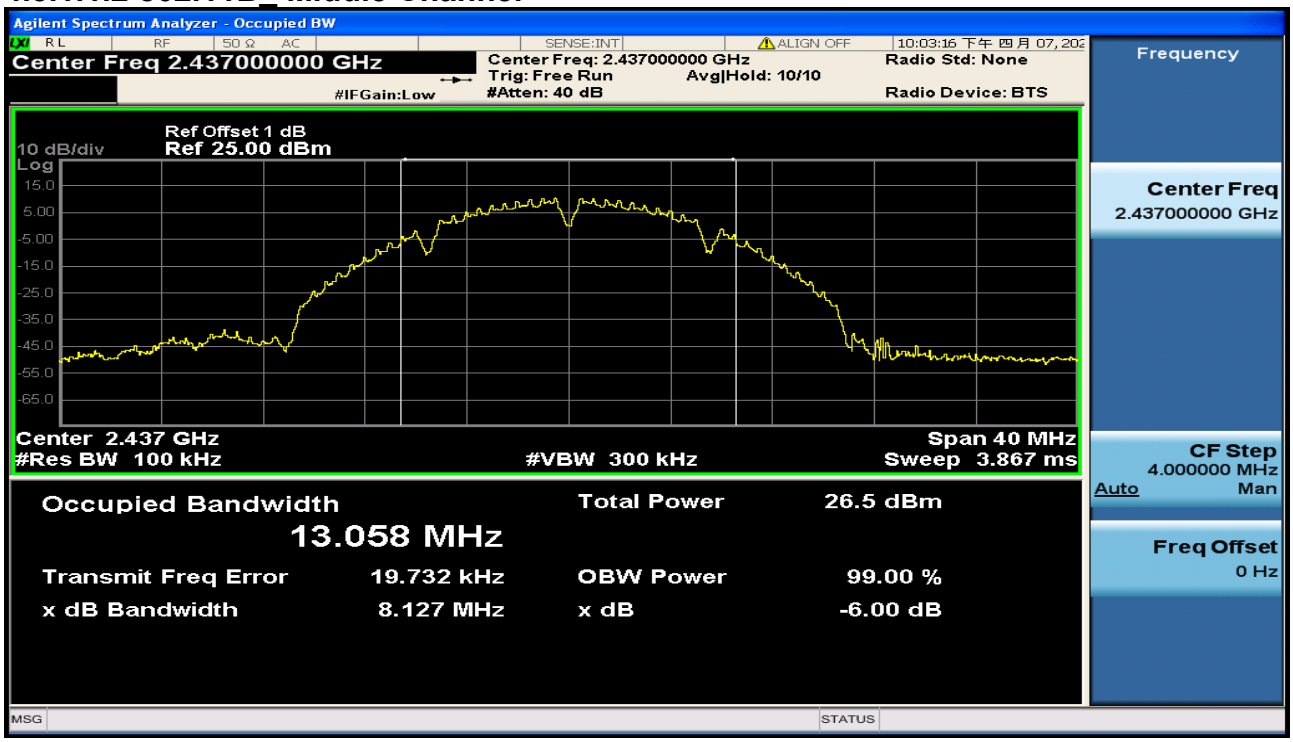
4.5.1 Test plots For 6dB Emission Bandwidth

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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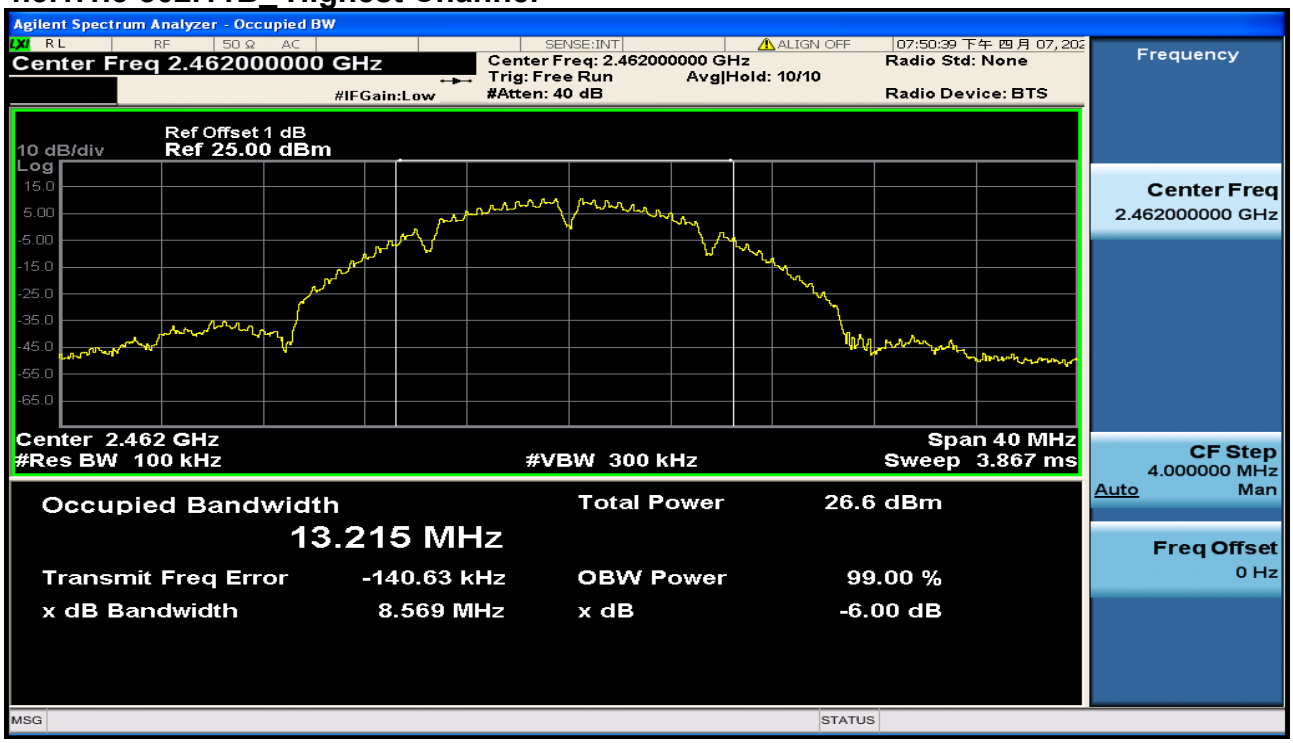
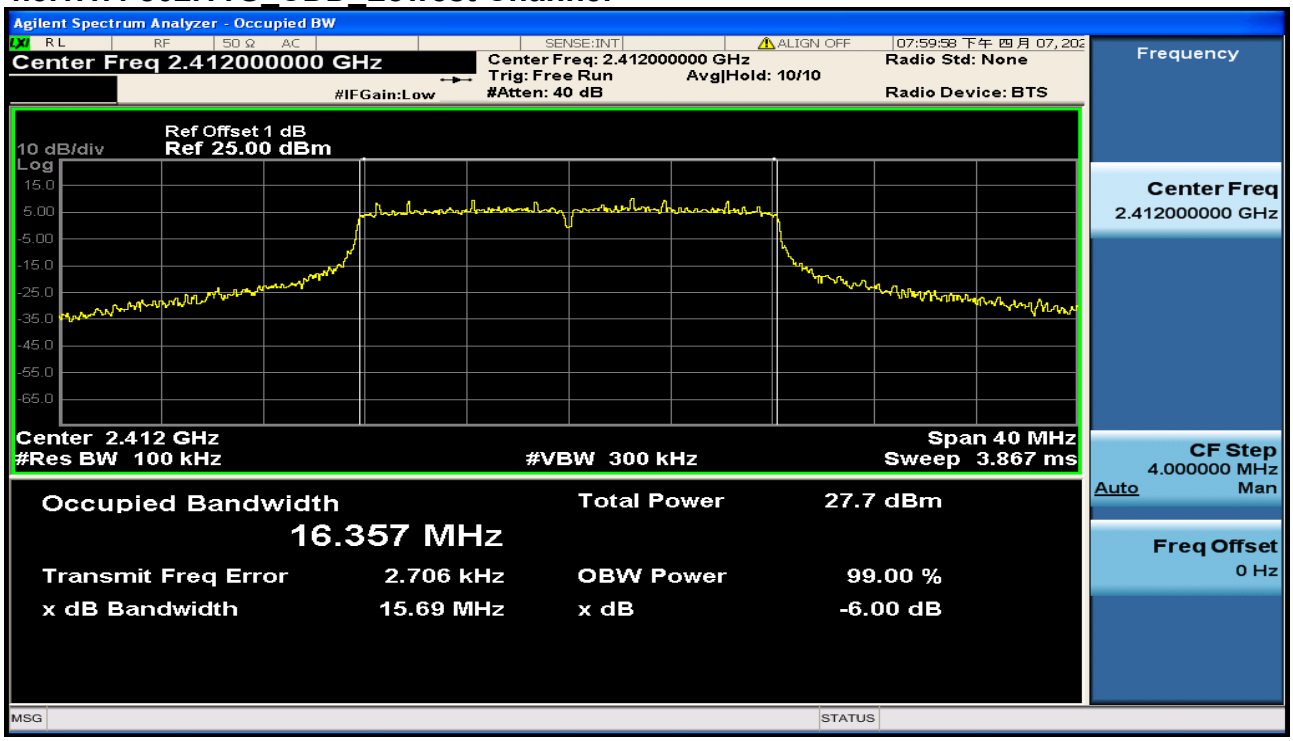
4.5.1.1.3 802.11B_ Highest Channel



4.5.1.1.4 802.11G_CDD_Lowest Channel



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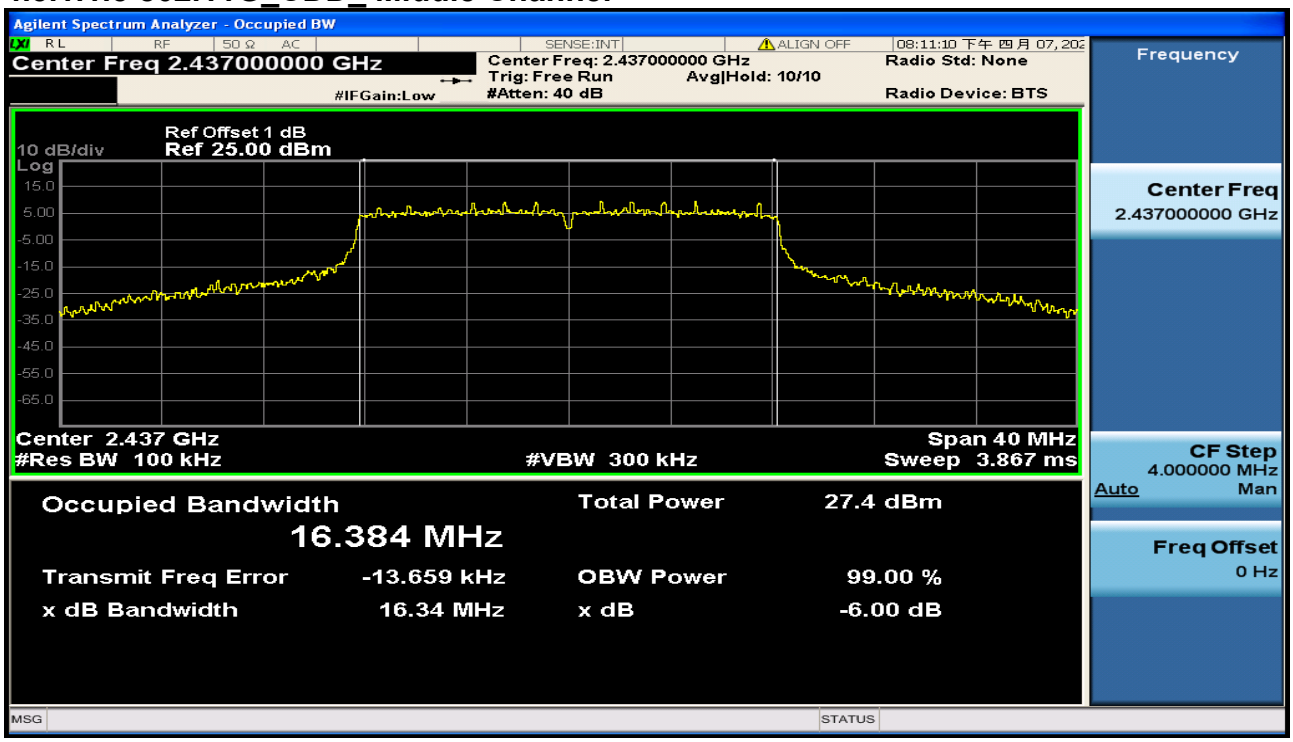
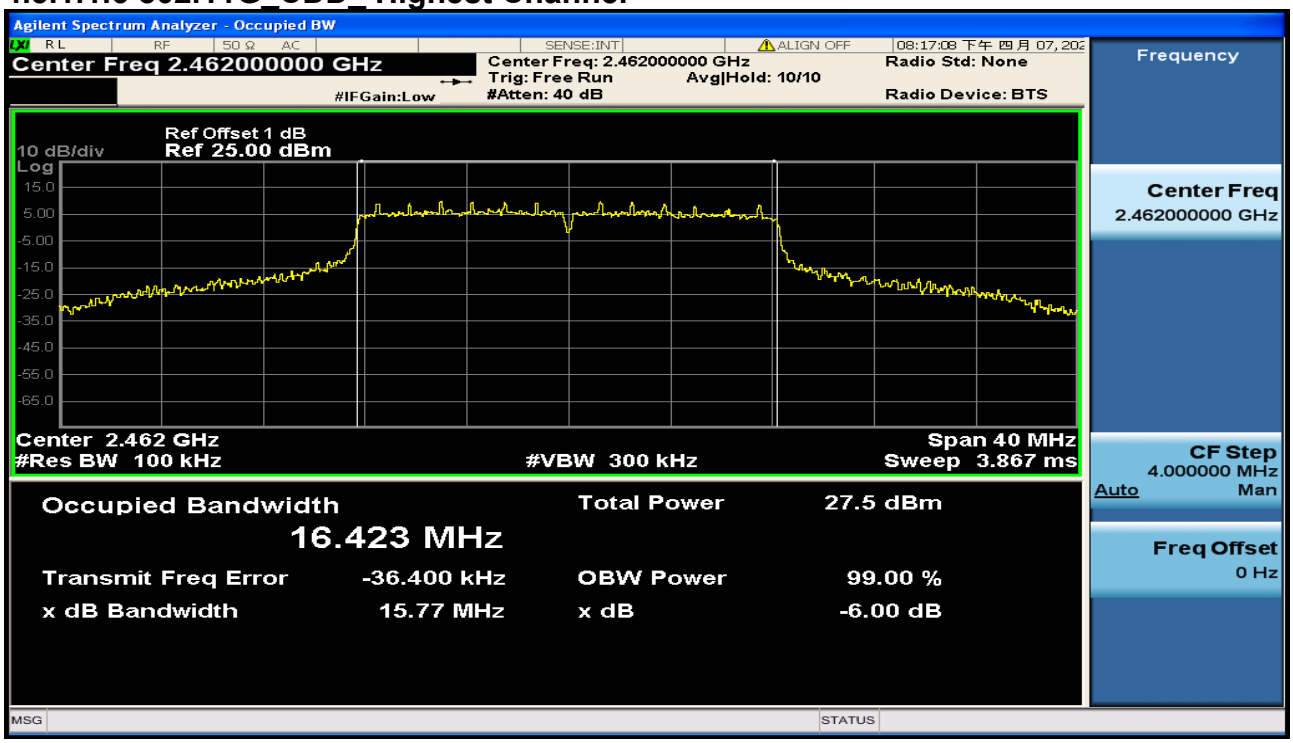
4.5.1.1.5 802.11G_CDD_ Middle Channel



4.5.1.1.6 802.11G_CDD_ Highest Channel



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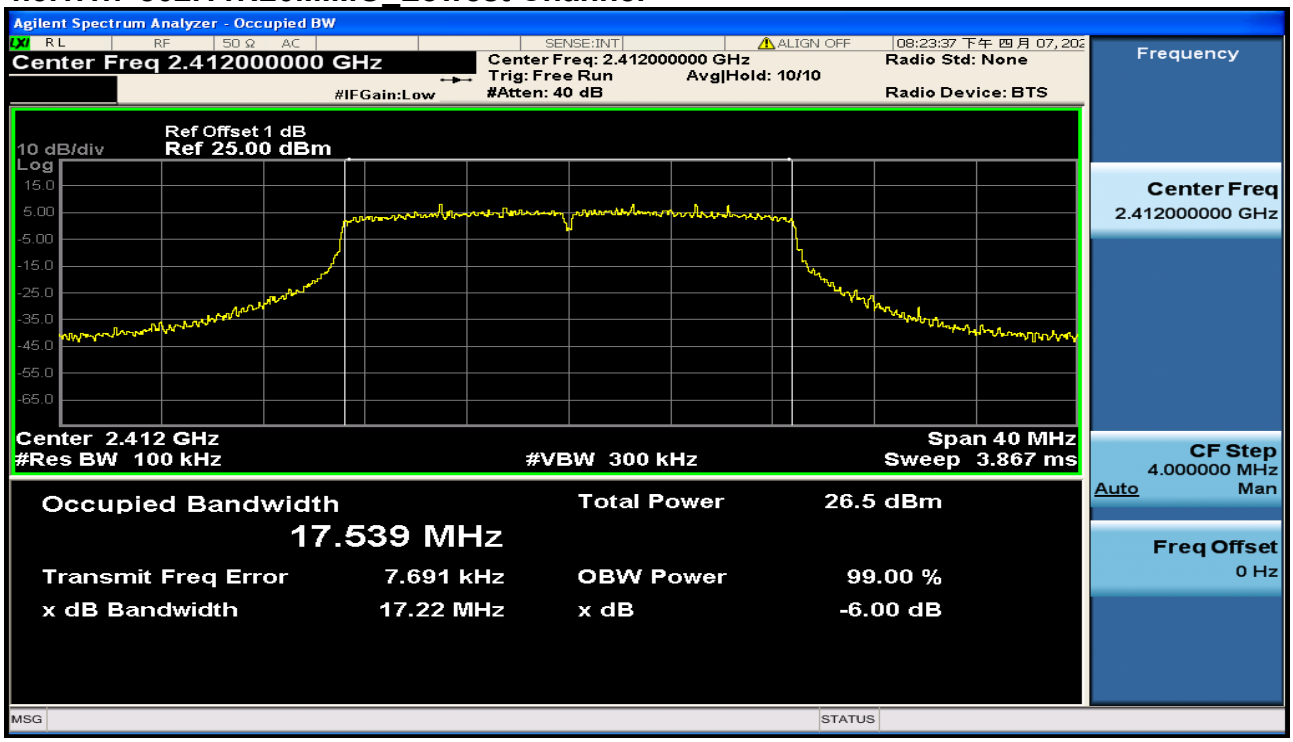
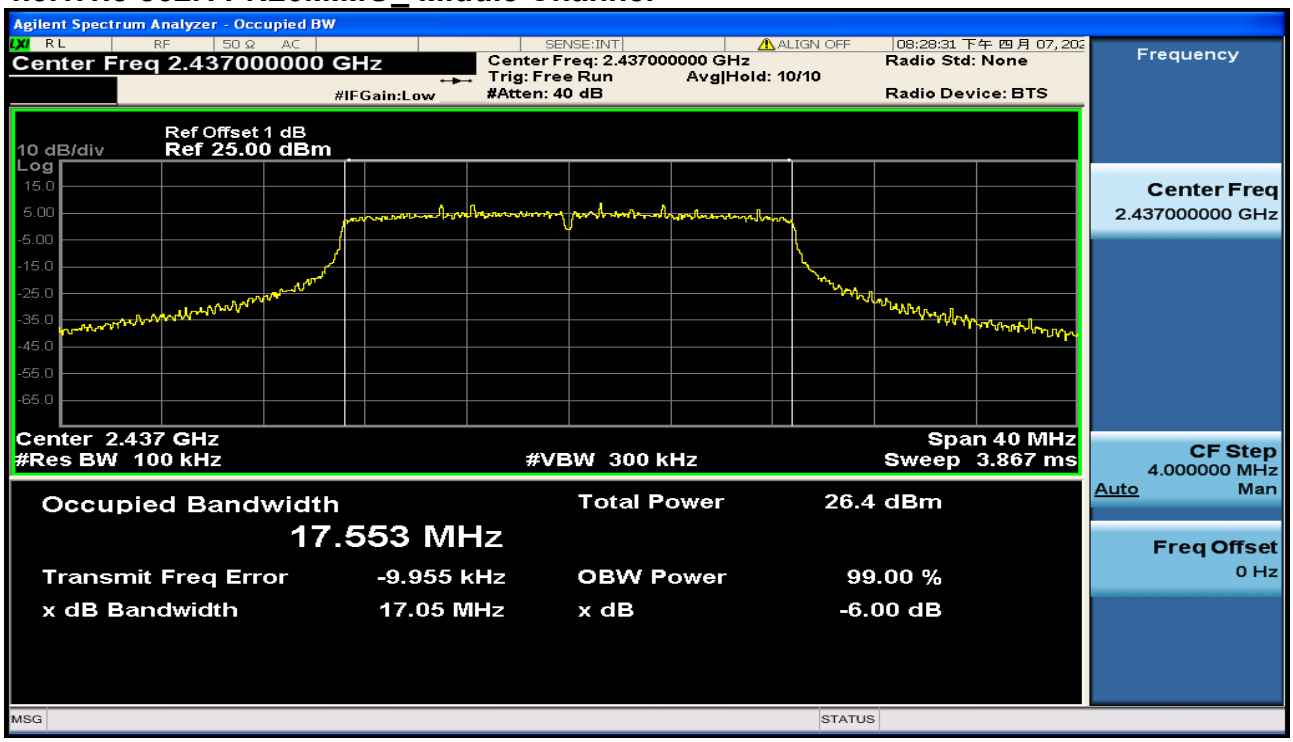
4.5.1.1.7 802.11N20MIMO_Lowest Channel



4.5.1.1.8 802.11 N20MIMO_ Middle Channel



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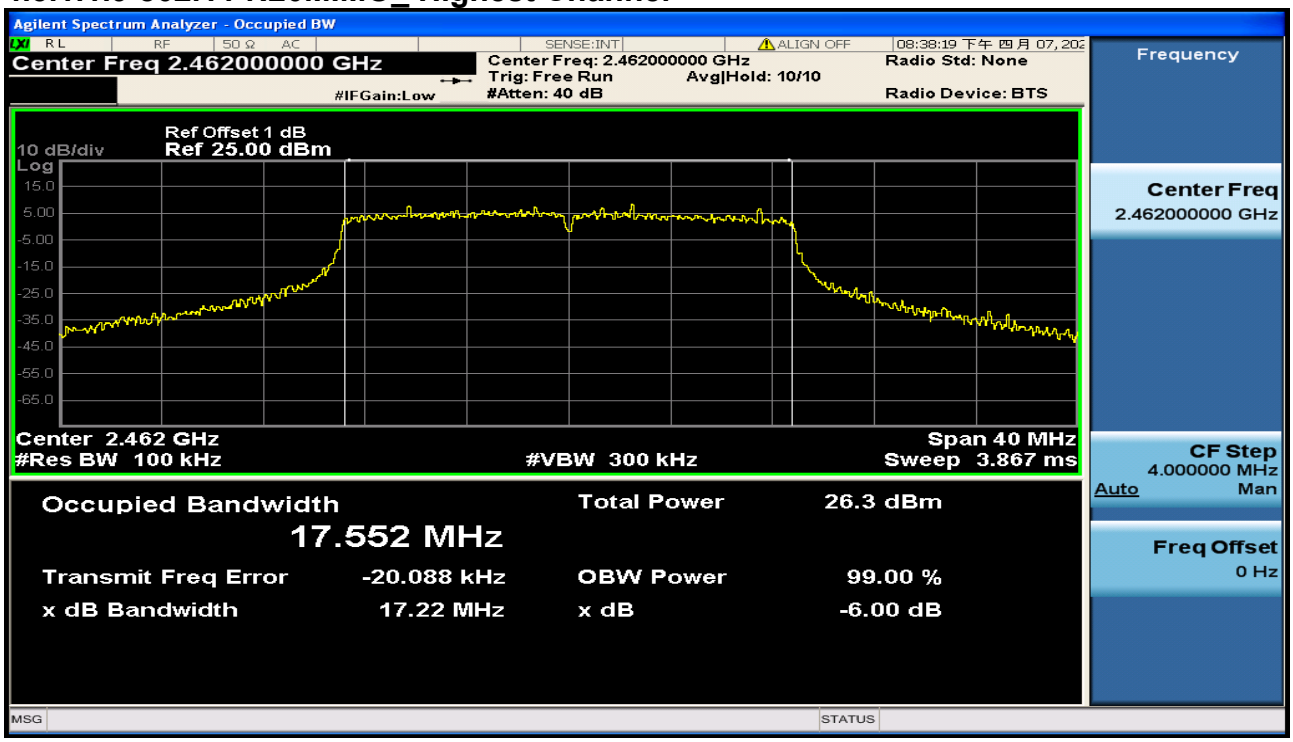
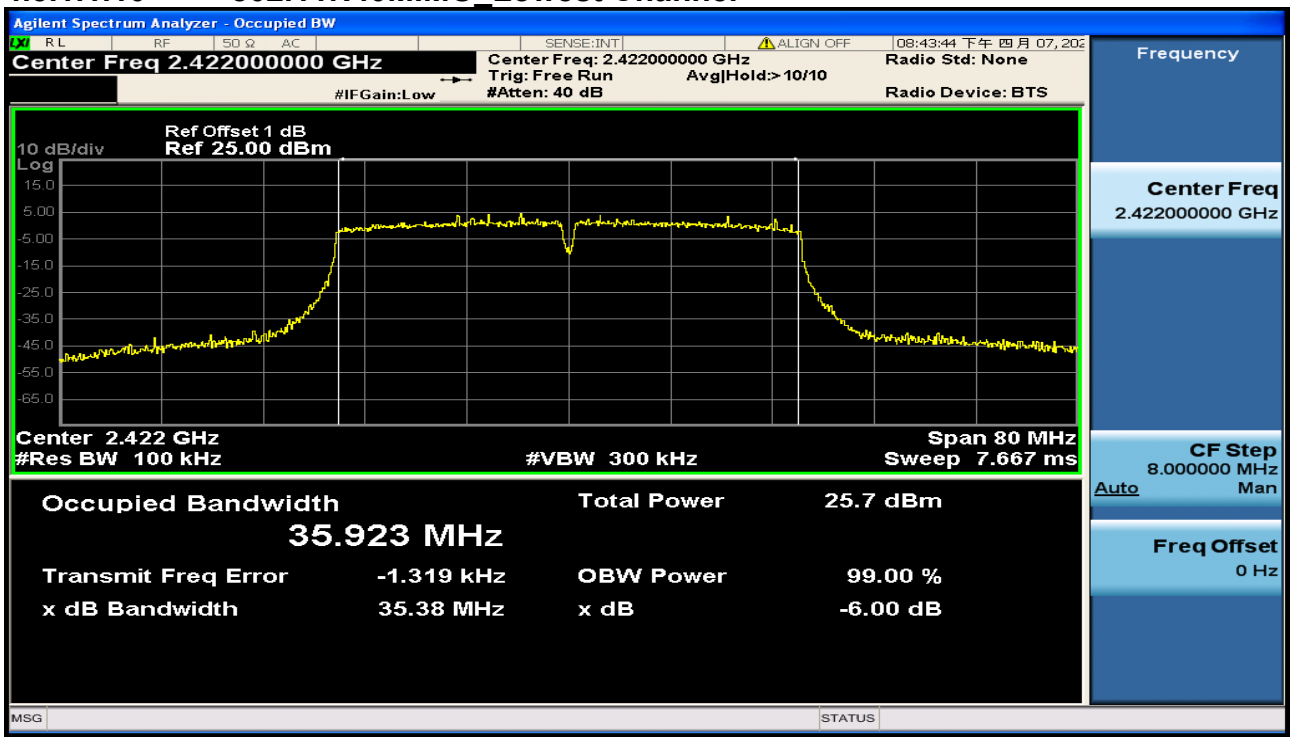
4.5.1.1.9 802.11 N20MIMO_ Highest Channel



4.5.1.1.10 802.11N40MIMO_Lowest Channel



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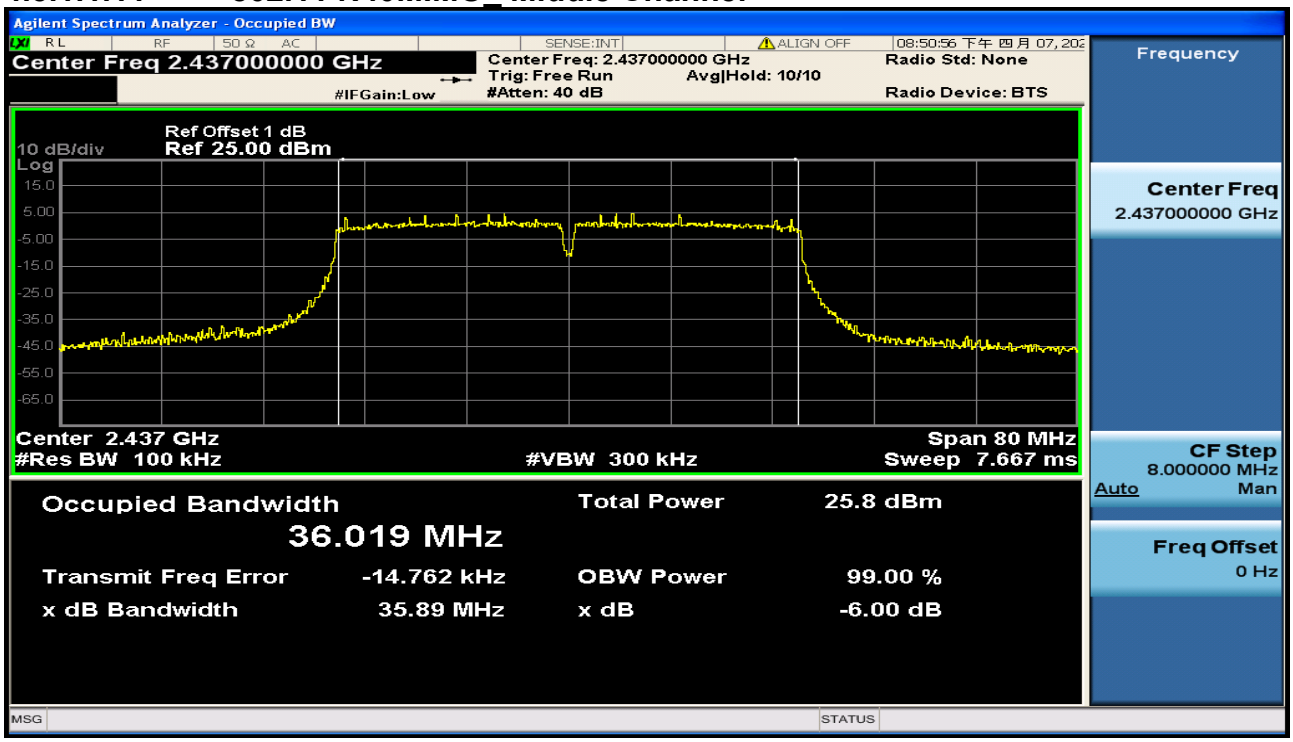
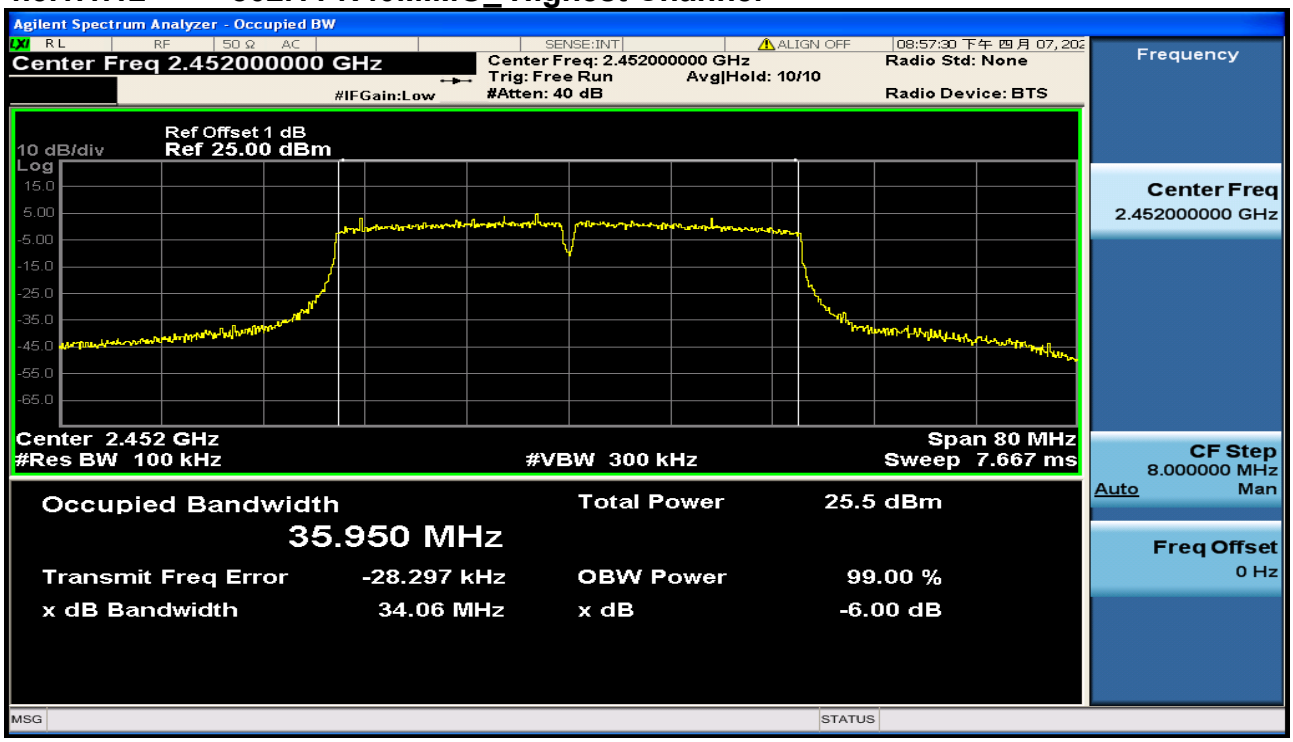
4.5.1.1.11 802.11 N40MIMO_ Middle Channel



4.5.1.1.12 802.11 N40MIMO_ Highest Channel



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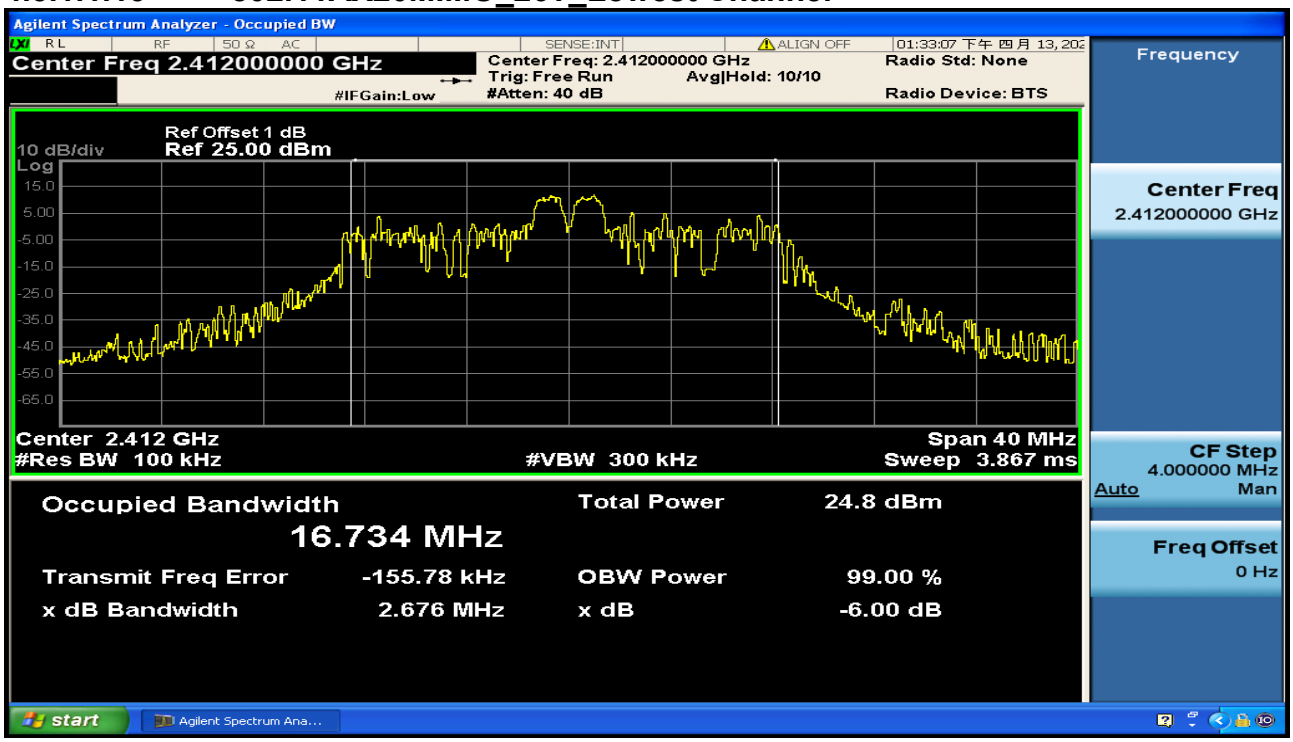
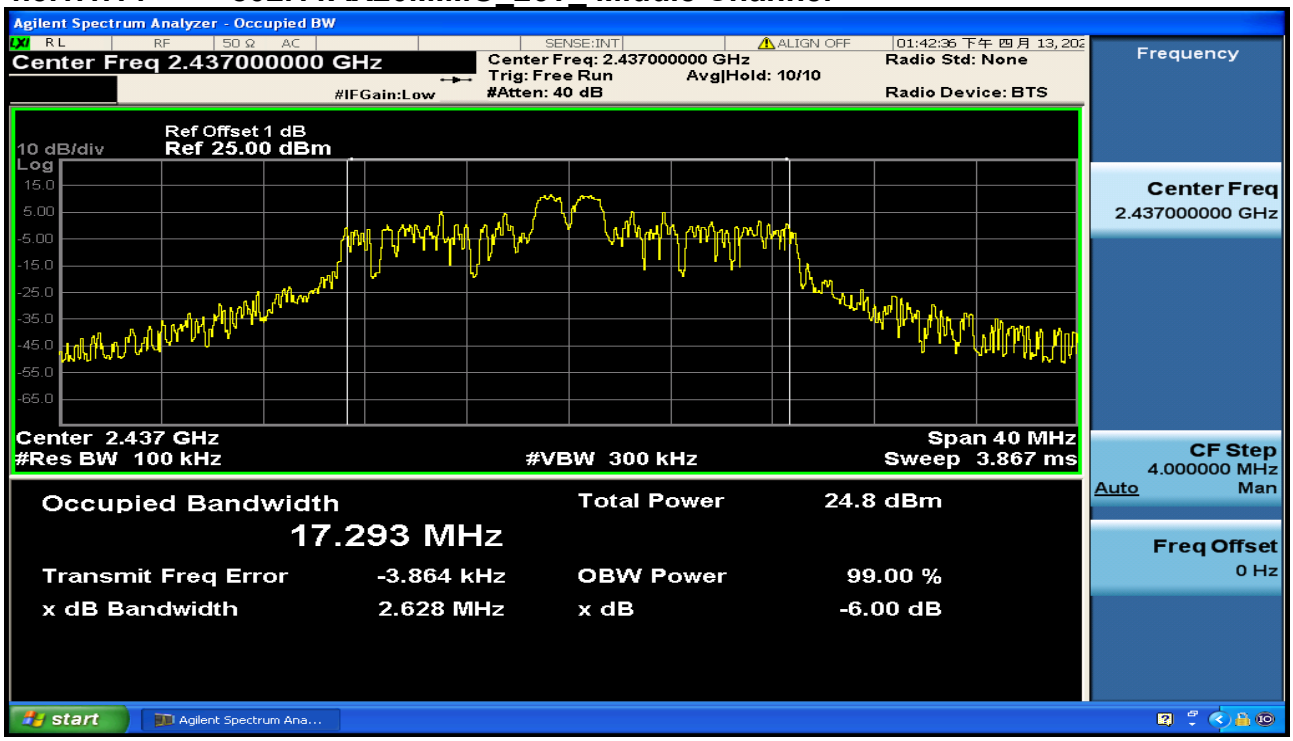
4.5.1.1.13 802.11AX20MIMO_26T_Lowest Channel



4.5.1.1.14 802.11AX20MIMO_26T_ Middle Channel



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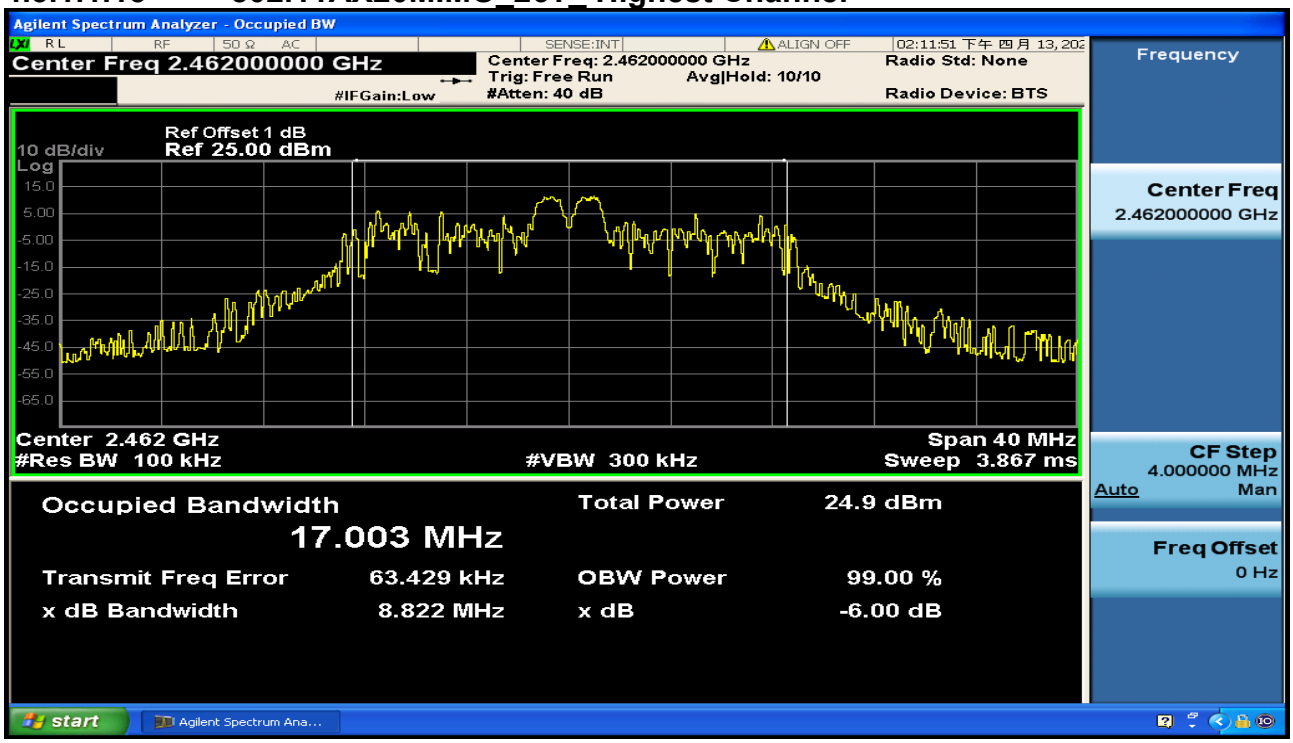
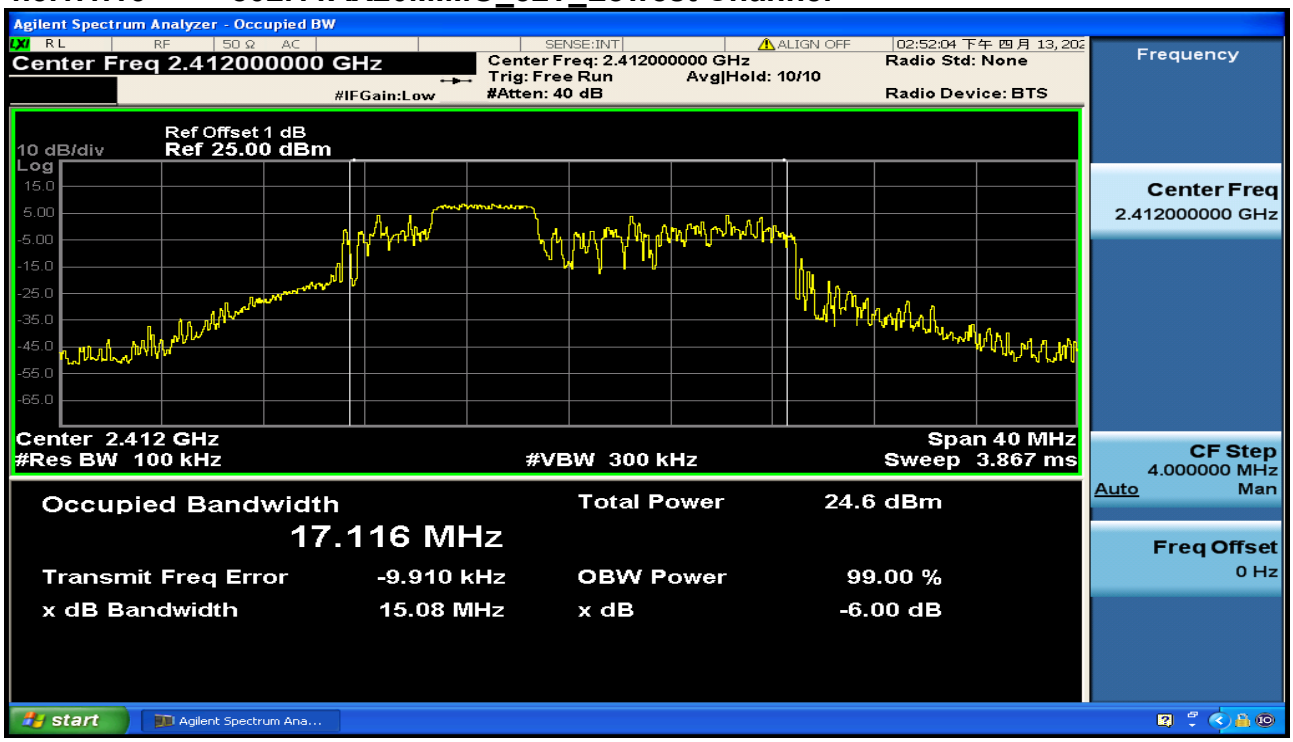
4.5.1.1.15 802.11AX20MIMO_26T_ Highest Channel



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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