

FCC CERTIFICATION TEST REPORT

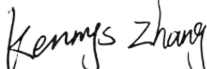
Applicant:	iFIT Inc.
Address:	1500 South 1000 West, Logan, UT 84321, USA
Manufacturer:	iFIT Inc.
Address:	1500 South 1000 West, Logan, UT 84321, USA
Product Description:	Tablet
Brand Name:	iFIT
Tested Model:	MP24-Cesium-V, MP16-Cesium-V, MP10-Cesium-V
FCC ID:	OMC-CESIUM1
Report No.:	JCF260410101-003
Received Date:	Apr. 10, 2026
Tested Date:	Apr. 10, 2026 ~ Jul. 07, 2026
Issued Date:	Jul. 07, 2026
Test Standards:	FCC Rules and Regulations Part 15 Subpart C
Test Procedure:	ANSI C63.10-2020 558074 D01 15.247 Meas Guidance v05r02, 662911 D01 Multiple Transmitter Output v02r01,
Test Result:	Pass

Prepared By:



Roger Li/Engineer **Date:** Jul. 07, 2026

Reviewed By:



Kennys Zhang/Engineer **Date:** Jul. 07, 2026

Approved By:



Talent Zhang/Engineer **Date:** Jul. 07, 2026

Note: The test results in this report apply exclusively to the tested model / sample. Without written approval of Guangzhou Jingce Testing Technology Co., Ltd. the test report shall not be reproduced except in full.

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
--	/	Jul. 07, 2026	Original Report	/

Table of Contents

1. Test Report Declare	5
2. Summary of Test Results	6
3. Test Laboratory	6
4. Equipment Under Test	7
4.1. Description of EUT	7
4.2. Channel List	7
4.3. Test Channel Configuration	8
4.4. Test environment conditions	8
4.5. The Worse Case Power Setting Parameter	8
4.6. Description of Available Antennas	9
5. Description of Test Setup	10
5.1. Accessory	10
5.2. Support Equipment	10
5.3. Test Setup	10
5.4. Setup Diagram for Tests	10
6. Measurement Uncertainty	10
7. Measuring Instrument and Software Used	11
8. On Time and Duty Cycle	13
8.1. Block diagram of test setup	13
8.2. Limits	13
8.3. Procedure	13
8.4. Results	13
8.5. Original test data	14
9. 6 dB DTS Bandwidth and 99 % Occupied Bandwidth	27
9.1. Block diagram of test setup	27
9.2. Limits	27
9.3. Test Procedure	27
9.4. Results	27
9.5. Original test data	29
10. Conducted Output Power	54
10.1. Block diagram of test setup	54
10.2. Limits	54
10.3. Test Procedure	54
10.4. Results	54
11. Power Spectral Density	56
11.1. Block diagram of test setup	56
11.2. Limits	56
11.3. Test Procedure	56
11.4. Results	56
11.5. Original test data	57
12. Conducted Band edge and Spurious Emissions	70
12.1. Block diagram of test setup	70
12.2. Limits	70
12.3. Test Procedure	70
12.4. Test result	70
12.5. Original test data	74
13. Radiated Emission	118
13.1. Block diagram of test setup	118
13.2. Limit	119
13.3. Test Procedure	120
13.4. Results	122
13.5. Original test data	122

14. AC Power Line Conducted Emissions 123

14.1. Block diagram of test setup 123

14.2. Limits 123

14.3. Test procedure 123

14.4. Test result 124

14.5. Original test data 124

15. Antenna Requirements 125

15.1. Applicable Requirements 125

15.2. Result 125

APPENDIX A – Radiated Emission Below 1GHz Test Data 126

APPENDIX B – Radiated Emission Above 1GHz Test Data 132

APPENDIX C – AC Power Line Conducted Emission Test Data230

1. Test Report Declare

Applicant:	iFIT Inc.
Address:	1500 South 1000 West, Logan, UT 84321, USA
Manufacturer:	iFIT Inc.
Address:	1500 South 1000 West, Logan, UT 84321, USA
Product Name:	Tablet
Brand Name:	iFIT
Model Name:	MP24-Cesium-V, MP16-Cesium-V, MP10-Cesium-V, MP24-CESIUM-M, MP16-CESIUM-M, MP10-CESIUM-M
Difference Description:	1. The three size variants of the product only differ in appearance, dimensions, and display circuitry, while everything else remains the same. All models share the same main chip and RF hardware, including modules, crystal oscillators, antennas, etc., and have identical functionality. 2. The same size “-V” and “-M” only Different of model names for trading purpose.

We Declare:

The equipment described above is tested by Guangzhou Jingce Testing Technology Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangzhou Jingce Testing Technology Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests except as provided information by clients.

2. Summary of Test Results

Summary of Test Results			
Clause	Test Items	FCC/ISED Rules	Test Results
1	6dB Bandwidth and 99 % Occupied Bandwidth	FCC Part 15.247 (a) (2)	Pass
2	Peak Conducted Output Power & EIRP	FCC Part 15.247 (b) (3)	Pass
3	Power Spectral Density	FCC Part 15.247 (e)	Pass
4	Conducted Bandedge and Spurious Emission	FCC Part 15.247 (d)	Pass
5	Radiated Bandedge and Spurious Emission	FCC Part 15.247 (d) FCC Part 15.209 FCC Part 15.205	Pass
6	Conducted Emission Test For AC Power Port	FCC Part 15.207	Pass
7	Antenna Requirement	FCC Part 15.203	Pass
Note1: This report was tested strictly in accordance with the standards, without any additions, deviations or omissions to the standard content. Note2: The model: MP24-Cesium-V; MP16-Cesium-V; MP10-Cesium-V share the same main chip and RF hardware, including modules, crystal oscillators, antennas, etc., and have identical functionality. So except for item 5&6 above, which requires all models to be tested, the remaining items only test model MP24-Cesium-V. Note3: Two screen suppliers are used for the same model. Matching tests have been completed for both screens. Only the test data of the screen with the worst-performing results is presented in the report, which serves as the judgment basis for this model.			

3. Test Laboratory

Guangzhou Jingce Testing Technology Co., Ltd.

Add.: No.10, Hefeng No.1 street, Huangpu District, Guangzhou, Guangdong, People's Republic of China

Association for Laboratory Accreditation(A2LA). Certificate Number: 6594.03

FCC Designation Number: CN1381. Test Firm Registration Number: 486550

IC Test Firm Registration Number: 31808

Conformity Assessment Body identifier: CN0173

4. Equipment Under Test

4.1. Description of EUT

EUT Name:	Tablet
Model Number:	MP24-Cesium-V, MP16-Cesium-V, MP10-Cesium-V
EUT Function Description:	Please refer to user manual of this device
Power Supply:	DC 12V 3A
Sample No.:	260410101-01-01, 260410101-01-02, 260410101-01-03
Hardware Version:	NA
Software Version:	NA
Radio Specification:	IEEE802.11b/g/n/ax
Operation Frequency:	IEEE 802.11b: 2412MHz—2462MHz IEEE 802.11g: 2412MHz—2462MHz IEEE 802.11n HT20: 2412MHz—2462MHz IEEE 802.11n HT40: 2422MHz—2452MHz IEEE 802.11ax HE20: 2412MHz—2462MHz IEEE 802.11ax HE40: 2422MHz—2452MHz
Modulation:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n (HT20/40): OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax (HE20/40): OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Type:	See below table

Model	Ant.	Ant. type	Antenna Gain (dBi)	Directional Gain (dBi)
MP10-Cesium-V	WIFI ANT1	FPC	2.21	5.76 dBi
	WIFI ANT 2	FPC	3.25	
MP16-Cesium-V	WIFI ANT1	FPC	3.39	5.94 dBi
	WIFI ANT 2	FPC	2.44	
MP24-Cesium-V	WIFI ANT1	FPC	3.10	5.80 dBi
	WIFI ANT 2	FPC	2.47	

Note 1: EUT is the ab. of equipment under test.

Note 2: The antenna gain is declared by the customer and the laboratory is not responsible for the accuracy of the antenna gain.

4.2. Channel List

Channel List for 802.11b/g/n/ax (20 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	4	2427	7	2442	10	2457
2	2417	5	2432	8	2447	11	2462
3	2422	6	2437	9	2452	/	/

Channel List for 802.11n/ax (40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency(MHz)	Channel	Frequency (MHz)
3	2422	6	2437	9	2452
4	2427	7	2442	/	/

5	2432	8	2447	/	/
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4.3. Test Channel Configuration

Tested mode, channel and rand data rate information			
Mode	Data rate (Mbps) (see Note)	Channel	Frequency (MHz)
802.11b	1	Low: CH1	2412
	1	Middle: CH6	2437
	1	High: CH11	2462
802.11g	6	Low: CH1	2412
	6	Middle: CH6	2437
	6	High: CH11	2462
802.11n HT20	MCS 8	Low: CH1	2412
	MCS 8	Middle: CH6	2437
	MCS 8	High: CH11	2462
802.11n HT40	MCS 8	Low: CH3	2422
	MCS 8	Middle: CH6	2437
	MCS 8	High: CH9	2452
802.11ax HE20	MCS 0	Low: CH1	2412
	MCS 0	Middle: CH6	2437
	MCS 0	High: CH11	2462
802.11ax HE40	MCS 0	Low: CH3	2422
	MCS 0	Middle: CH6	2437
	MCS 0	High: CH9	2452

Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

4.4. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25 °C
Humidity range:	40-75%
Pressure range:	86-106 kPa

4.5. The Worse Case Power Setting Parameter

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band				
Test Software		AP_META_exe_V4.2520.00		
Modulation Mode	Transmit Antenna Number	Test Software Setting Value		
		Channel	ANT1	ANT2
802.11b	2	CH1	Default	Default
		CH6	Default	Default
		CH11	Default	Default
802.11g	2	CH1	Default	Default
		CH6	Default	Default

		CH11	Default	Default
802.11HT20	2	CH1	18	18
		CH6	18	18
		CH11	18	18
802.11n HT40	2	CH3	17	17
		CH6	18	18
		CH9	18	18
802.11ax HE20	2	CH1	16	16
		CH6	18	18
		CH11	15	15
802.11ax HE40	2	CH3	13	13
		CH6	13	13
		CH9	13	13

4.6. Description of Available Antennas

Test Mode	Transmit and Receive Mode	Description
802.11b	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11g	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11n HT20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11n HT40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ax HE20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ax HE40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
Note: 1. Only 802.11n HT20/HT40 and 802.11ax HE20/HE40 support MIMO mode 2. WLAN 2.4 GHz & WLAN 5G can't transmit simultaneously. (declared by client)		

5. Description of Test Setup

5.1. Accessory

Description of Accessories	Manufacturer	Model Number	Description	Remark
/	/	/	/	/

5.2. Support Equipment

Equipment	Brand Name	Model Name	P/N
PC	Lenovo	T480	/
Adapter	HONOTO	ADS-50HF-12-1 12040E	/

5.3. Test Setup

The EUT can work in Fixed Frequency mode.

5.4. Setup Diagram for Tests

RF Connect Test:



Radiated Emission Test:



AC Power Line Conducted Emissions Test:



6. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
AC Power Conduction emission	1.37 dB
All Radiated emissions	5.4dB
Conducted emissions	3.09 dB
Occupied Channel Bandwidth	1.1%
Conducted Output power	0.82dB
Power Spectral Density	0.82dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k = 2.	

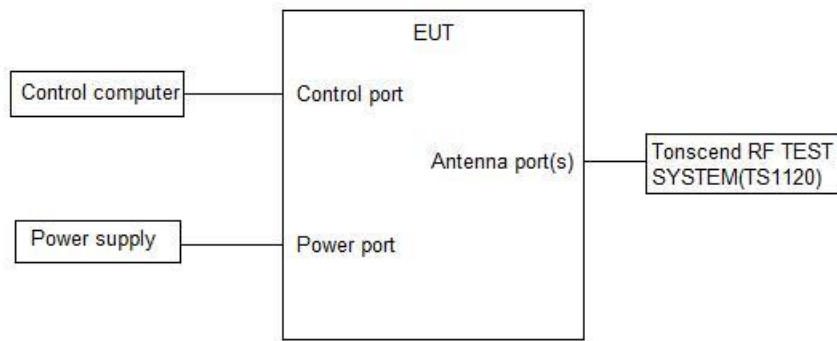
7. Measuring Instrument and Software Used

TS Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	Spectrum Analyzer	Keysight	N9030B	MY56320512	Jul. 31, 2025	Jul. 30, 2026
☒	Vector Signal Generator	Keysight	N5182B	MY57300334	Jul. 31, 2025	Jul. 30, 2026
☒	Signal Generator	Keysight	N5171B	MY57280639	Jul. 31, 2025	Jul. 30, 2026
☒	DC POWER	Keysight	E342A	MY59020356	Jul. 31, 2025	Jul. 30, 2026
☒	Incubator thermometer	GWS	EL-02JA	21107288	Jul. 31, 2025	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	/	Jul. 31, 2025	Jul. 30, 2026
☒	Spectrum Analyzer	Keysight	N9020B	MY60112206	Jul. 31, 2025	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	21H8060465	Aug. 01, 2025	Jul. 31, 2026
☒	Spectrum Analyzer	Keysight	N9020B	MY60112811	Jul. 31, 2025	Jul. 30, 2026
☒	Signal Generator	Keysight	N5173B	MY62220145	Jul. 31, 2025	Jul. 30, 2026
☒	Vector Signal Generator	Keysight	N5182B	MY61252859	Jul. 31, 2025	Jul. 30, 2026
☒	DC POWER	Keysight	E3642A	MY40005294	Jul. 31, 2025	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	24F80620865	Aug. 01, 2025	Jul. 31, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	Tonscend	JS1120-3		V3.3.10	
RSE Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	EMI Receiver	R&S	ESR26	101424	Nov. 25, 2025	Nov. 24, 2026
☒	Hybrid Antenna	Schwarzbeck	VULB9163	01361	May. 28, 2025	May. 27, 2026
☒	Hybrid Antenna	Schwarzbeck	VULB9163	01361	May. 26, 2026	May. 25, 2027
☒	Horn Antenna 1	Schwarzbeck	BBHA 9120 D	02910	Aug. 31, 2025	Aug. 30, 2026
☒	Horn Antenna 2	ETS	BBHA 9170	1090	Aug. 31, 2025	Aug. 30, 2026
☒	loop-antenna	Schwarzbeck	FMZB 1513-60	00030	Jan. 11, 2026	Jan. 10, 2027
☒	Test path	/	Path2: WIFI-2.4G 1-3GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path7: ALL PASS 1-18GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path9: 3GHz High PASS 3-18GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path16:	/	Jul. 31, 2025	Jul. 30, 2026

			30MHz-1GHz ALL PASS NO AMP			
☒	Signal Pre-Amplifier	ETS	3116C-PA	00217677	Jul. 31, 2025	Jul. 30, 2026
☒	3m Fully-anechoic Chamber	YIHENG	9m*6m*6m	001	Sep. 05, 2023	Sep. 04, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	Tonscend	TS+		V5.0.0.0	
Conducted Emission Test For AC Power Port						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	LISN	R&S	ENV216	102509	Aug. 01, 2025	Jul. 31, 2026
☒	EMI Receiver	R&S	ESR	102154	Aug. 01, 2025	Jul. 31, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	EZ	EZ-EMC		EMEC-3A1	
Other Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	Temperature & Humidity	Temperature	HTC-1	/	Sep. 20, 2025	Sep. 21, 2026

8. On Time and Duty Cycle

8.1. Block diagram of test setup



Note: The EUT is connected to the Control unit, and then the signal is transmitted through internal circuits to the Spectrum Analyzer.

8.2. Limits

None; for reporting purposes only

8.3. Procedure

KDB 558074 Zero-Span Spectrum Analyzer Method

8.4. Results

Test Mode	Ant.	Freq. (MHz)	Transmission Duration (ms)	Transmission Period (ms)	Duty Cycle (%)
11B	Ant1	2412	19.00	19.00	100.00
	Ant2	2412	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant2	2437	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
	Ant2	2462	19.00	19.00	100.00
11G	Ant1	2412	19.00	19.00	100.00
	Ant2	2412	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant2	2437	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
	Ant2	2462	19.00	19.00	100.00
11N20MIMO	Ant1	2412	19.00	19.00	100.00
	Ant2	2412	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant2	2437	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
	Ant2	2462	19.00	19.00	100.00
11N40MIMO	Ant1	2422	19.00	19.00	100.00
	Ant2	2422	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant2	2437	19.00	19.00	100.00
	Ant1	2452	19.00	19.00	100.00
	Ant2	2452	19.00	19.00	100.00
11AX20MIMO	Ant1	2412	19.00	19.00	100.00
	Ant2	2412	19.00	19.00	100.00

	Ant1	2437	19.00	19.00	100.00
	Ant2	2437	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
	Ant2	2462	19.00	19.00	100.00
11AX40MIMO	Ant1	2422	19.00	19.00	100.00
	Ant2	2422	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant2	2437	19.00	19.00	100.00
	Ant1	2452	19.00	19.00	100.00
	Ant2	2452	19.00	19.00	100.00

Note1: Duty Cycle Correction Factor = $10\log(1/x)$.

Note2: Offset=cable loss + Test system insertion loss

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer, then the next higher value should be used.

For mode 11b, the duty cycle is greater than 98 %, so it can set VBW to 10 Hz.

8.5. Original test data





11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462





11G_Ant2_2437



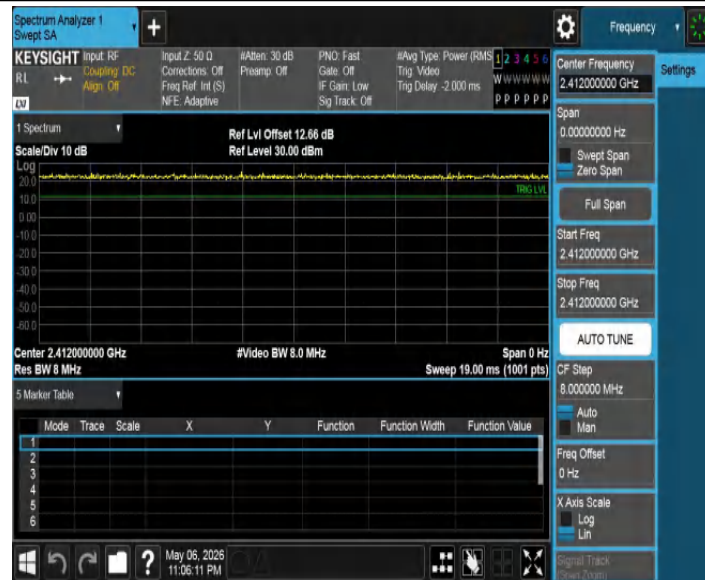
11G_Ant1_2462



11G_Ant2_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO Ant1 2437



11N20MIMO_Ant2_2437



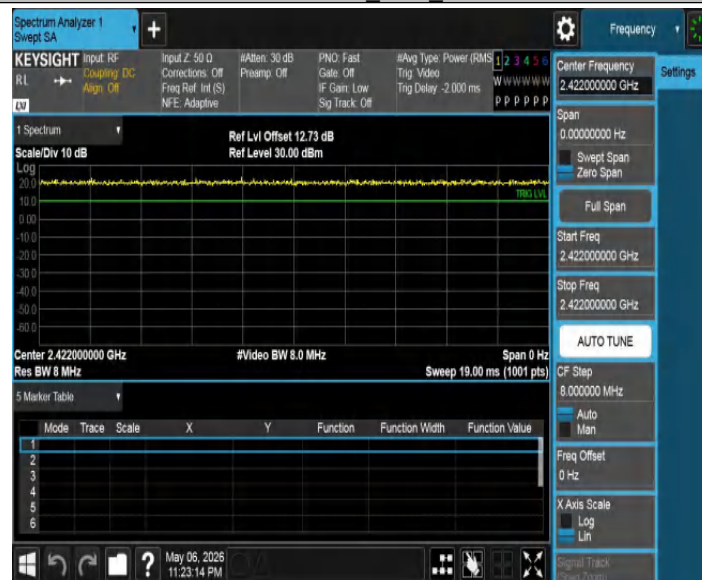
11N20MIMO_Ant1_2462



11N20MIMO Ant2 2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO Ant1 2437













9. 6 dB DTS Bandwidth and 99 % Occupied Bandwidth

9.1. Block diagram of test setup

Same as section 8.1

9.2. Limits

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5
/	99 % Occupied Bandwidth	For reporting purposes only.	2400-2483.5

9.3. Test Procedure

Connect the UUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: 1 % to 5 % of the occupied bandwidth but not less than 100 kHz. For 99 % Occupied Bandwidth :1 % to 5 % of the occupied bandwidth
VBW	For 6 dB Bandwidth: $\geq 3 \times$ RBW For 99 % Occupied Bandwidth : $\geq 3 \times$ RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB and 99 % relative to the maximum level measured in the fundamental emission.

9.4. Results

6dB bandwidth:

Test Mode	Ant.	Freq. (MHz)	DTS BW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11B	Ant1	2412	8.280	2407.840	2416.120	0.5	PASS
	Ant2	2412	8.240	2407.840	2416.080	0.5	PASS
	Ant1	2437	8.200	2432.880	2441.080	0.5	PASS
	Ant2	2437	8.240	2432.880	2441.120	0.5	PASS
	Ant1	2462	8.240	2457.840	2466.080	0.5	PASS
	Ant2	2462	8.280	2457.840	2466.120	0.5	PASS
11G	Ant1	2412	16.480	2403.720	2420.200	0.5	PASS
	Ant2	2412	16.360	2403.800	2420.160	0.5	PASS
	Ant1	2437	16.440	2428.760	2445.200	0.5	PASS
	Ant2	2437	16.400	2428.760	2445.160	0.5	PASS
	Ant1	2462	16.520	2453.720	2470.240	0.5	PASS
	Ant2	2462	16.520	2453.720	2470.240	0.5	PASS
11N20MIMO	Ant1	2412	17.640	2403.120	2420.760	0.5	PASS
	Ant2	2412	17.600	2403.160	2420.760	0.5	PASS
	Ant1	2437	17.800	2428.120	2445.920	0.5	PASS
	Ant2	2437	17.680	2428.160	2445.840	0.5	PASS
	Ant1	2462	17.720	2453.120	2470.840	0.5	PASS
	Ant2	2462	17.720	2453.080	2470.800	0.5	PASS
11N40MIMO	Ant1	2422	36.000	2403.920	2439.920	0.5	PASS
	Ant2	2422	35.600	2404.240	2439.840	0.5	PASS

	Ant1	2437	35.920	2419.080	2455.000	0.5	PASS
	Ant2	2437	35.280	2419.320	2454.600	0.5	PASS
	Ant1	2452	36.160	2433.840	2470.000	0.5	PASS
	Ant2	2452	35.680	2434.160	2469.840	0.5	PASS
11AX20MIMO	Ant1	2412	18.600	2402.840	2421.440	0.5	PASS
	Ant2	2412	18.880	2402.480	2421.360	0.5	PASS
	Ant1	2437	19.160	2427.400	2446.560	0.5	PASS
	Ant2	2437	18.840	2427.600	2446.440	0.5	PASS
	Ant1	2462	19.000	2452.480	2471.480	0.5	PASS
	Ant2	2462	18.720	2452.640	2471.360	0.5	PASS
11AX40MIMO	Ant1	2422	37.840	2402.960	2440.800	0.5	PASS
	Ant2	2422	37.280	2403.200	2440.480	0.5	PASS
	Ant1	2437	37.440	2418.440	2455.880	0.5	PASS
	Ant2	2437	37.600	2418.280	2455.880	0.5	PASS
	Ant1	2452	37.760	2433.120	2470.880	0.5	PASS
	Ant2	2452	36.320	2434.080	2470.400	0.5	PASS

Note: Offset=cable loss + Test system insertion loss

99 % bandwidth:

Test Mode	Ant.	Channel Freq. (MHz)	OCB (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11B	Ant1	2412	12.838	2405.5532	2418.3912	---	---
	Ant2	2412	12.752	2405.5876	2418.3396	---	---
	Ant1	2437	12.746	2430.6035	2443.3495	---	---
	Ant2	2437	12.729	2430.6292	2443.3582	---	---
	Ant1	2462	12.760	2455.5749	2468.3349	---	---
	Ant2	2462	12.860	2455.5393	2468.3993	---	---
11G	Ant1	2412	17.656	2403.3904	2421.0464	---	---
	Ant2	2412	17.209	2403.3937	2420.6027	---	---
	Ant1	2437	17.264	2428.3402	2445.6042	---	---
	Ant2	2437	17.215	2428.4115	2445.6265	---	---
	Ant1	2462	18.142	2452.8825	2471.0245	---	---
	Ant2	2462	18.584	2452.6462	2471.2302	---	---
11N20MIMO	Ant1	2412	18.203	2402.9362	2421.1392	---	---
	Ant2	2412	17.958	2403.0210	2420.9790	---	---
	Ant1	2437	18.327	2427.8273	2446.1543	---	---
	Ant2	2437	18.175	2427.9147	2446.0897	---	---
	Ant1	2462	19.113	2452.4402	2471.5532	---	---
	Ant2	2462	19.546	2452.2883	2471.8343	---	---
11N40MIMO	Ant1	2422	36.668	2403.7440	2440.4120	---	---
	Ant2	2422	36.450	2403.8069	2440.2569	---	---
	Ant1	2437	36.715	2418.6474	2455.3624	---	---
	Ant2	2437	36.556	2418.7082	2455.2642	---	---
	Ant1	2452	36.649	2433.5516	2470.2006	---	---
	Ant2	2452	36.437	2433.7431	2470.1801	---	---
11AX20MIMO	Ant1	2412	18.890	2402.5536	2421.4436	---	---
	Ant2	2412	18.943	2402.5061	2421.4491	---	---
	Ant1	2437	19.291	2427.3331	2446.6241	---	---
	Ant2	2437	19.290	2427.3375	2446.6275	---	---
	Ant1	2462	19.299	2452.2963	2471.5953	---	---
	Ant2	2462	19.268	2452.3586	2471.6266	---	---

11AX40MIMO	Ant1	2422	37.689	2403.1660	2440.8550	---	---
	Ant2	2422	37.723	2403.0924	2440.8154	---	---
	Ant1	2437	37.921	2418.0234	2455.9444	---	---
	Ant2	2437	37.724	2418.1123	2455.8363	---	---
	Ant1	2452	37.744	2433.1154	2470.8594	---	---
	Ant2	2452	37.643	2433.2173	2470.8603	---	---

Note: Offset=cable loss + Test system insertion loss

9.5. Original test data

6dB bandwidth:





11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462





11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462







11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



11AX20MIMO_Ant1_2412



11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



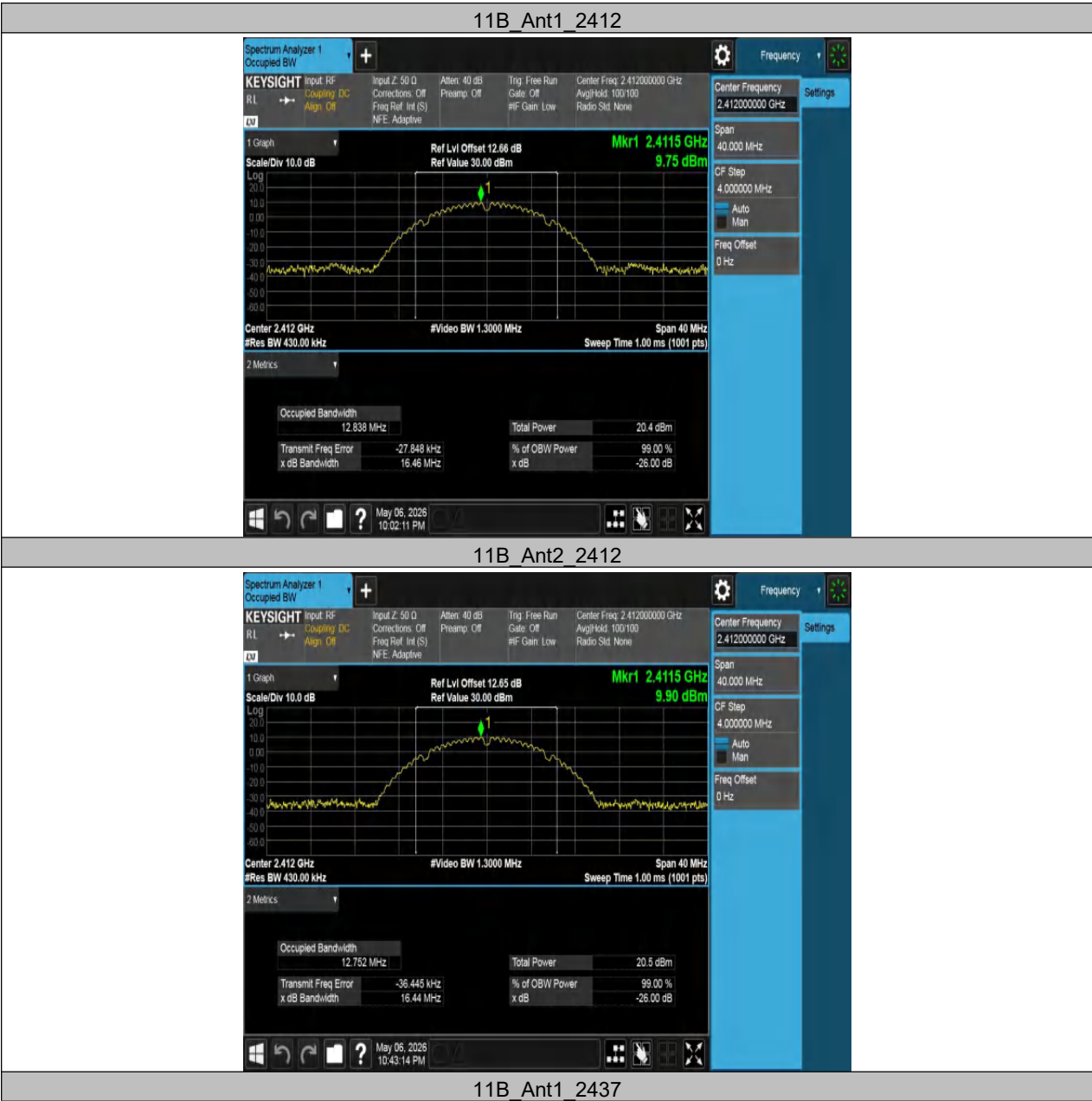
11AX40MIMO_Ant1_2452

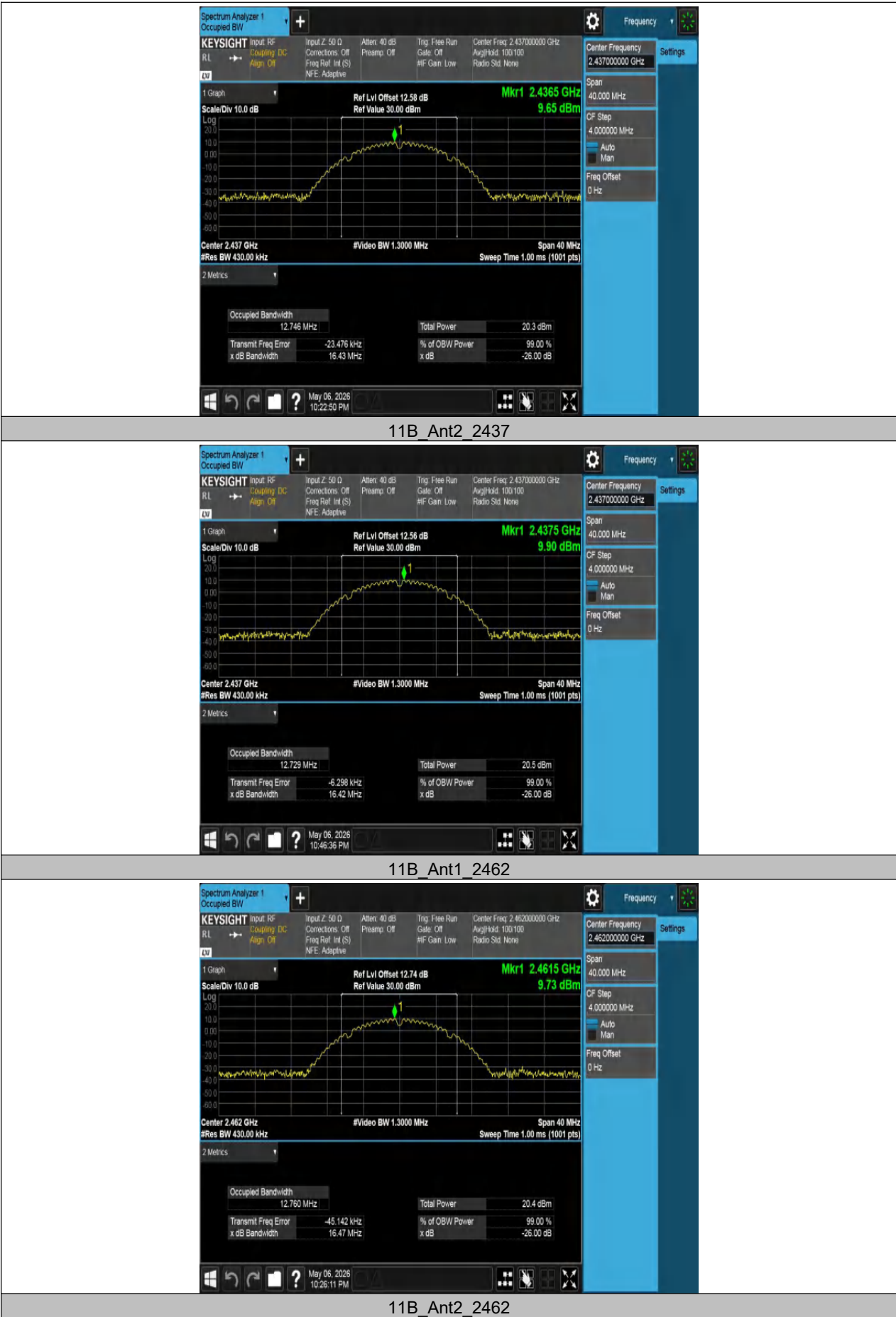


11AX40MIMO_Ant2_2452



99 % bandwidth:









11G_Ant2_2437

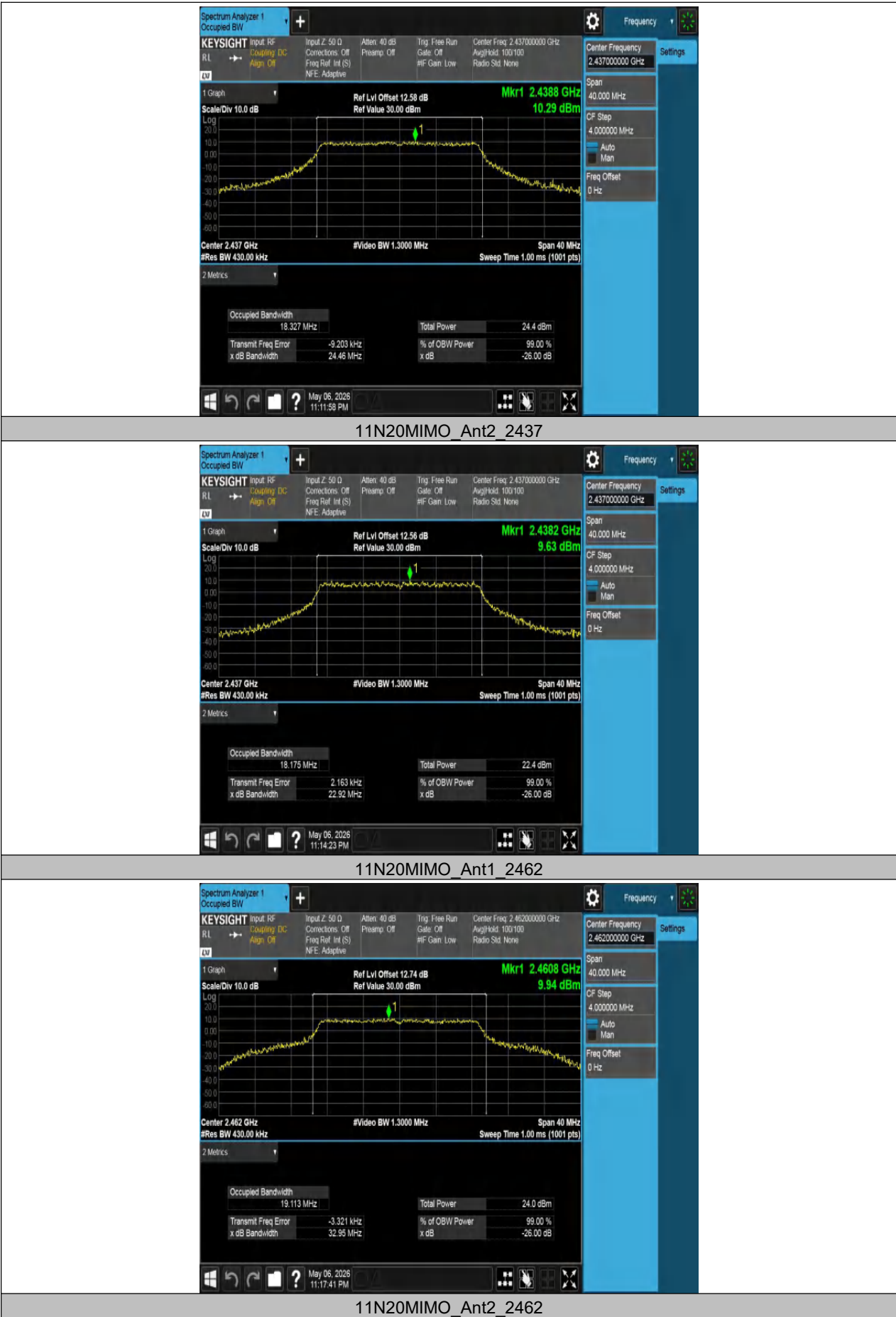


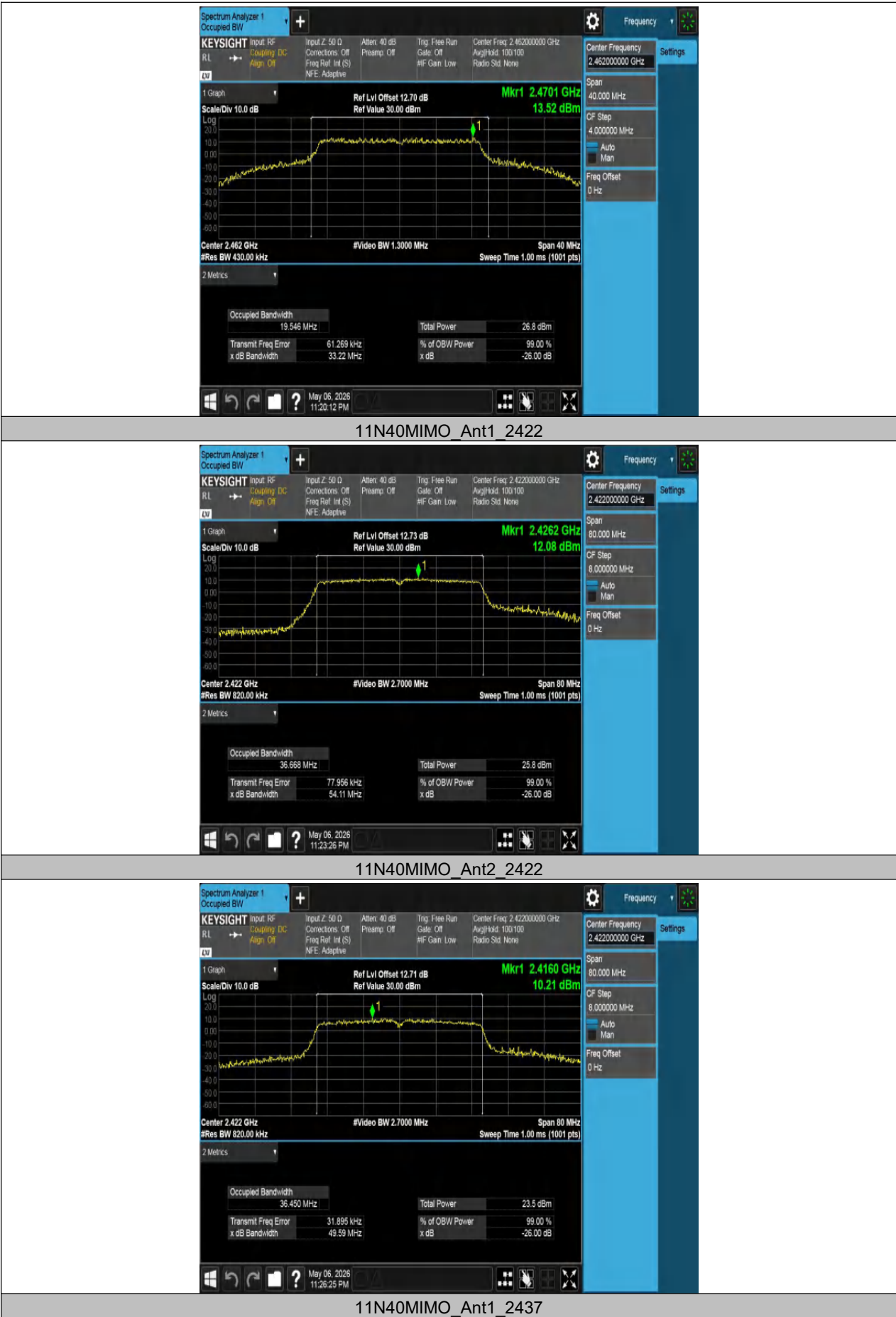
11G_Ant1_2462



11G_Ant2_2462















11AX40MIMO_Ant1_2422

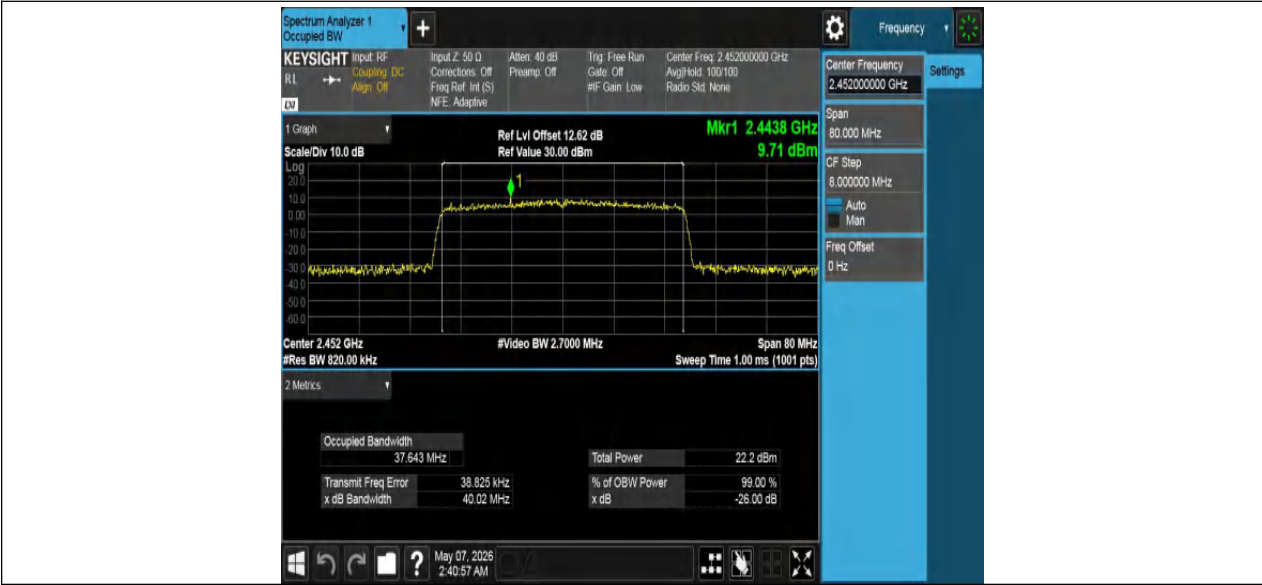


11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437





10. Conducted Output Power

10.1. Block diagram of test setup

Same as section 8.1

10.2. Limits

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3)	Average Output Power	1 watt or 30 dBm	2400-2483.5

10.3. Test Procedure

- (1) The test according to ANSI C63.10 clause 11.9.2.3.
- (2) Connect EUT's antenna output to RF power meter by RF cable, the path loss was compensated to the results.
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously, If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.
- (4) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- (5) Adjust the measurement in dBm by adding $[10 \log (1/D)]$, where D is the duty cycle.
- (6) Record the RF average power of each antenna port.

10.4. Results

Test Mode	Ant.	Freq. (MHz)	Average power (dBm)	DC Factor (dB)	Result (dBm)	Limit (dBm)	Verdict
11B	Ant1	2412	17.19	0.00	17.19	≤30.00	PASS
	Ant2	2412	17.00	0.00	17.00	≤30.00	PASS
	Ant1	2437	17.79	0.00	17.79	≤30.00	PASS
	Ant2	2437	17.46	0.00	17.46	≤30.00	PASS
	Ant1	2462	17.48	0.00	17.48	≤30.00	PASS
	Ant2	2462	16.63	0.00	16.63	≤30.00	PASS
11G	Ant1	2412	18.59	0.00	18.59	≤30.00	PASS
	Ant2	2412	18.18	0.00	18.18	≤30.00	PASS
	Ant1	2437	18.88	0.00	18.88	≤30.00	PASS
	Ant2	2437	18.37	0.00	18.37	≤30.00	PASS
	Ant1	2462	18.42	0.00	18.42	≤30.00	PASS
	Ant2	2462	17.79	0.00	17.79	≤30.00	PASS
11N20MIMO	Ant1	2412	18.26	0.00	18.26	≤30.00	PASS
	Ant2	2412	18.40	0.00	18.40	≤30.00	PASS
	total	2412	---	---	21.34	≤30.00	PASS
	Ant1	2437	18.60	0.00	18.60	≤30.00	PASS
	Ant2	2437	15.95	0.00	15.95	≤30.00	PASS
	total	2437	---	---	20.48	≤30.00	PASS
	Ant1	2462	17.66	0.00	17.66	≤30.00	PASS
	Ant2	2462	19.78	0.00	19.78	≤30.00	PASS
	total	2462	---	---	21.86	≤30.00	PASS
11N40MIMO	Ant1	2422	18.18	0.00	18.18	≤30.00	PASS
	Ant2	2422	16.03	0.00	16.03	≤30.00	PASS
	total	2422	---	---	20.25	≤30.00	PASS
	Ant1	2437	18.27	0.00	18.27	≤30.00	PASS
	Ant2	2437	16.20	0.00	16.20	≤30.00	PASS

	total	2437	---	---	20.37	≤30.00	PASS
	Ant1	2452	18.15	0.00	18.15	≤30.00	PASS
	Ant2	2452	18.52	0.00	18.52	≤30.00	PASS
	total	2452	---	---	21.35	≤30.00	PASS
11AX20MIMO	Ant1	2412	15.98	0.00	15.98	≤30.00	PASS
	Ant2	2412	16.32	0.00	16.32	≤30.00	PASS
	total	2412	---	---	19.16	≤30.00	PASS
	Ant1	2437	18.46	0.00	18.46	≤30.00	PASS
	Ant2	2437	16.26	0.00	16.26	≤30.00	PASS
	total	2437	---	---	20.51	≤30.00	PASS
	Ant1	2462	16.04	0.00	16.04	≤30.00	PASS
	Ant2	2462	18.79	0.00	18.79	≤30.00	PASS
	total	2462	---	---	20.64	≤30.00	PASS
11AX40MIMO	Ant1	2422	13.71	0.00	13.71	≤30.00	PASS
	Ant2	2422	10.60	0.00	10.60	≤30.00	PASS
	total	2422	---	---	15.44	≤30.00	PASS
	Ant1	2437	14.00	0.00	14.00	≤30.00	PASS
	Ant2	2437	11.91	0.00	11.91	≤30.00	PASS
	total	2437	---	---	16.09	≤30.00	PASS
	Ant1	2452	13.84	0.00	13.84	≤30.00	PASS
	Ant2	2452	13.85	0.00	13.85	≤30.00	PASS
	total	2452	---	---	16.86	≤30.00	PASS