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检测
TESTING
CNAS L12883

FCC AND ISCED CERTIFICATION TEST REPORT

Applicant:	EXPRESS LUCK INDUSTRIAL (SHENZHEN) LIMITED
Address:	Floor1, Workshop1, NO.88, SOUTH BAOTONG ROAD, XIKENG COMMUNITY, YUANSHAN STREET, LONGGANG DISTRICT, Shenzhen
Manufacturer:	Guangzhou Shikun Electronics Co., Ltd
Address:	NO.6 Liankun Road, Huangpu District, Guangzhou, China
Product Description:	IEEE 802.11 b/g/n 2T2R USB Wi-Fi Module
Brand Name:	N/A
Tested Model:	EL.RTL8192FC-CWFT
FCC ID:	2AWY6-ERT8192FCCT
IC:	26332-ERT8192FCCT
Report No.:	JCF250626081-003
Received Date:	Jun. 26, 2025
Tested Date:	Jun. 26, 2025 - Jul. 10, 2025
Issued Date:	Jul. 10, 2025
Test Standards:	FCC Rules and Regulations Part 15 Subpart C, RSS-247 Issue 3 August 2023
Test Procedure:	ANSI C63.10:2013, RSS-Gen Issue 5 A2, Feb. 2021
Test Result:	Pass
Prepared By:	
 <u>Kennys Zhang/Engineer</u> Date: Jul. 10, 2025	
Reviewed By:	
 <u>Roger Li/Engineer</u> Date: Jul. 10, 2025	
Approved By:	
 <u>Talent Zhang/Engineer</u> Date: Jul. 10, 2025	

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
V1.0	/	Jul. 10, 2025	Original Report	/

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1. Test Report Declare

Applicant:	EXPRESS LUCK INDUSTRIAL (SHENZHEN) LIMITED
Address:	Floor1, Workshop1, NO.88, SOUTH BAOTONG ROAD, XIKENG COMMUNITY, YUANSAN STREET, LONGGANG DISTRICT, Shenzhen
Manufacturer:	Guangzhou Shikun Electronics Co., Ltd
Address:	NO.6 Liankun Road, Huangpu District, Guangzhou, China
Product Name:	IEEE 802.11 b/g/n 2T2R USB Wi-Fi Module
Brand Name:	N/A
Model Name:	EL.RTL8192FC-CWFT
Difference Description:	N/A

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) RSS-247 Clause 5.2 (a) ISED RSS-Gen Clause 6.7	Pass
2	Peak Conducted Output Power	FCC Part 15.247 (b) (3) RSS-247 Clause 5.4 (d)	Pass
3	Power Spectral Density	FCC Part 15.247 (e) RSS-247 Clause 5.2 (b)	Pass
4	Conducted Bandedge and Spurious Emission	FCC Part 15.247 (d) RSS-247 Clause 5.5	Pass
5	Radiated Bandedge and Spurious Emission	FCC Part 15.247 (d) FCC Part 15.209 FCC Part 15.205 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Pass
6	Conducted Emission Test For AC Power Port	FCC Part 15.207 RSS-GEN Clause 8.8	Pass
7	Antenna Requirement	FCC Part 15.203 RSS-GEN Clause 6.8	Pass

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:	IEEE 802.11 b/g/n 2T2R USB Wi-Fi Module
Model Number:	EL.RTL8192FC-CWFT
EUT Function Description:	Please refer to user manual of this device
Power Supply:	DC 3.3V
Sample No.:	250626081-01-01
Hardware Version:	N/A
Software Version:	N/A
Radio Specification:	IEEE802.11b/g/n
Operation Frequency:	IEEE 802.11b: 2412MHz—2462MHz IEEE 802.11g: 2412MHz—2462MHz IEEE 802.11n HT20: 2412MHz—2462MHz IEEE 802.11n HT40: 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)
Antenna Type:	PCB Antenna 0, MAX. Gain: 3.22 dBi PCB Antenna 1, MAX. Gain: 0.23 dBi

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 (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 (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	/	/

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

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. Description of Available Antennas

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band				
Test Software		MPtool		
Modulation Mode	Transmit Antenna Number	Test Software Setting Value		
		Channel	ANT1	ANT2
802.11b	2	CH1	30	30
		CH6	30	30
		CH11	30	30
802.11g	2	CH1	25	25
		CH6	25	25
		CH11	25	25
802.11HT20	2	CH1	30	30
		CH6	30	30
		CH11	30	30
802.11n HT40	2	CH3	30	30
		CH6	30	30
		CH9	30	30

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.

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	/

5.3. Test Setup

The EUT can work in Fixed Frequency mode.

5.4. Setup Diagram for Tests



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.	

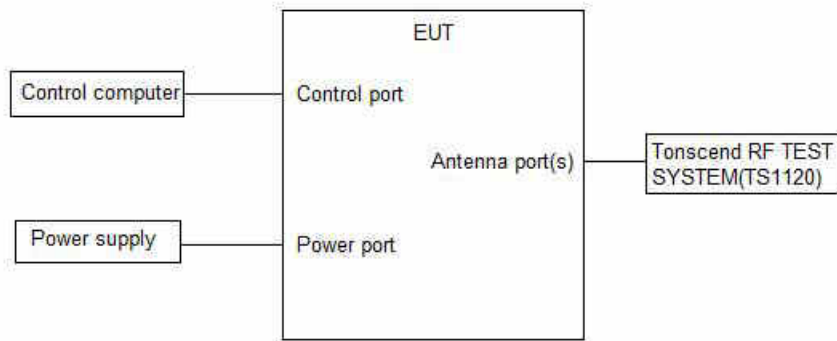
7. Measuring Instrument and Software Used

TS Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	Spectrum Analyzer	Keysight	N9030B	MY56320512	Aug. 22, 2024	Aug. 21, 2025
☒	Vector Signal Generator	Keysight	N5182B	MY57300334	Aug. 22, 2024	Aug. 21, 2025
☒	Signal Generator	Keysight	N5171B	MY57280639	Aug. 22, 2024	Aug. 21, 2025
☒	DC POWER	Keysight	E342A	MY59020356	Aug. 29, 2024	Aug. 28, 2025
☒	Incubator thermometer	GWS	EL-02JA	21107288	Aug. 15, 2024	Aug. 14, 2025
☒	Control unit(Power sensor)	Tonscend	JS0806-2	/	Aug. 23, 2024	Aug. 22, 2025
☒	Spectrum Analyzer	Keysight	N9020B	MY60112206	Sep. 11, 2024	Sep. 10, 2025
☒	Control unit(Power sensor)	Tonscend	JS0806-2	21H8060465	Aug. 22, 2024	Aug. 21, 2025
☒	Spectrum Analyzer	Keysight	N9020B	MY60112811	Aug. 23, 2024	Aug. 22, 2025
☒	Signal Generator	Keysight	N5173B	MY62220145	Aug. 23, 2024	Aug. 22, 2025
☒	Vector Signal Generator	Keysight	N5182B	MY61252859	Aug. 22, 2024	Aug. 21, 2025
☒	DC POWER	Keysight	E3642A	MY40005294	Aug. 30, 2024	Aug. 29, 2025
☒	Control unit(Power sensor)	Tonscend	JS0806-2	24F80620865	Aug. 23, 2024	Aug. 22, 2025
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	Sep. 14, 2024	Sep. 13, 2025
☒	Hybrid Antenna	Schwarzbeck	VULB9163	01361	Sep. 25, 2024	Sep. 24, 2025
☒	Horn Antenna 1	Schwarzbeck	BBHA 9120 D	02910	Sep. 11, 2024	Sep. 10, 2025
☒	Horn Antenna 2	ETS	BBHA 9170	1090	Sep. 11, 2024	Sep. 10, 2025
☒	loop-antenna	Schwarzbeck	FMZB 1513-60	00030	Jan. 12, 2025	Jan. 11, 2026
☒	Test path	/	Path2: WIFI-2.4G 1-3GHz	/	Aug. 23, 2024	Aug. 22, 2025
☒	Test path	/	Path7: ALL PASS 1-18GHz	/	Aug. 23, 2024	Aug. 22, 2025
☒	Test path	/	Path9: 3GHz High PASS 3-18GHz	/	Aug. 23, 2024	Aug. 22, 2025
☒	Test path	/	Path16: 30MHz-1GHz ALL PASS	/	Aug. 23, 2024	Aug. 22, 2025

			NO AMP			
☒	Signal Pre-Amplifier	ETS	3116C-PA	00217677	Sep. 06, 2024	Sep. 05, 2025
☒	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. 22, 2024	Aug. 21, 2025
☒	EMI Receiver	R&S	ESR	102154	Aug. 22, 2024	Aug. 21, 2025
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. 04, 2024	Sep. 03, 2025

8. On Time and Duty Cycle

8.1. Block diagram of test setup



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	8.47	8.58	98.72
	Ant2	2412	8.49	8.55	99.30
	Ant1	2437	8.48	8.64	98.15
	Ant2	2437	8.47	8.56	98.95
	Ant1	2462	8.47	8.56	98.95
	Ant2	2462	8.49	8.63	98.38
11G	Ant1	2412	1.41	1.54	91.56
	Ant2	2412	1.41	1.48	95.27
	Ant1	2437	1.41	1.56	90.38
	Ant2	2437	1.41	1.57	89.81
	Ant1	2462	1.41	1.51	93.38
	Ant2	2462	1.41	1.58	89.24
11N20MIMO	Ant1	2412	1.31	1.48	88.51
	Ant2	2412	1.32	1.47	89.80
	Ant1	2437	1.32	1.48	89.19
	Ant2	2437	1.32	1.42	92.96
	Ant1	2462	1.32	1.48	89.19
	Ant2	2462	1.31	1.45	90.34
11N40MIMO	Ant1	2422	0.65	0.79	82.28
	Ant2	2422	0.66	0.80	82.50
	Ant1	2437	0.65	0.79	82.28
	Ant2	2437	0.65	0.78	83.33
	Ant1	2452	0.65	0.81	80.25
	Ant2	2452	0.65	0.80	81.25

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

Where: x is Duty Cycle (Linear)

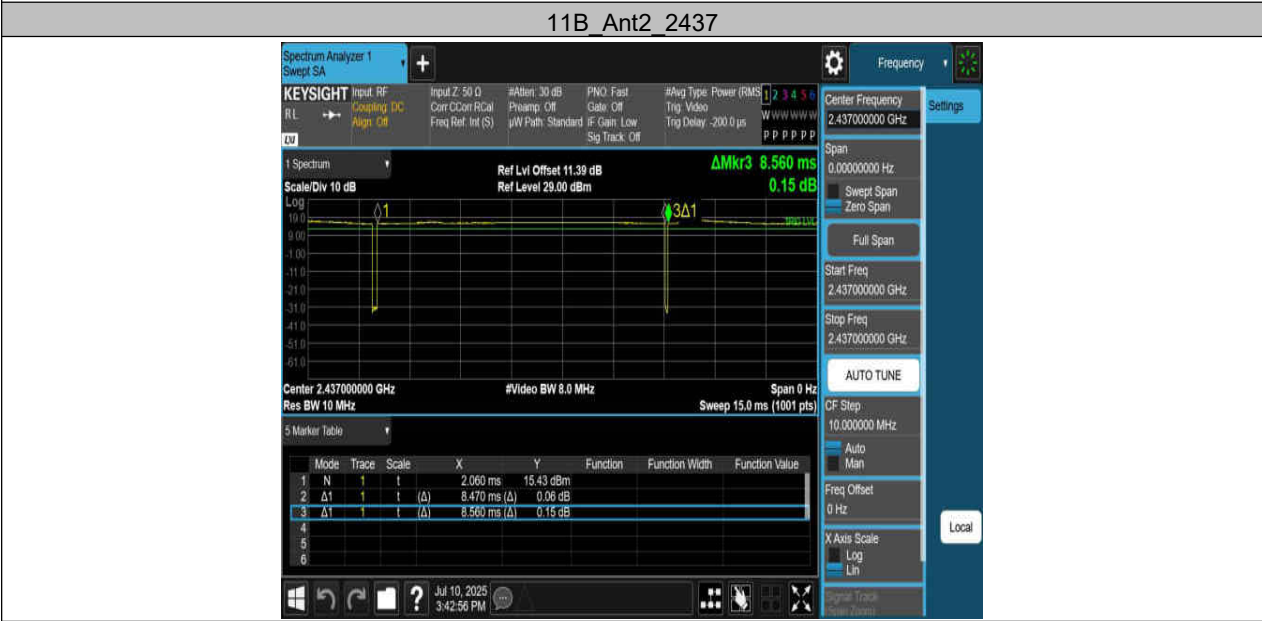
Where: T is On Time

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







11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437



11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437





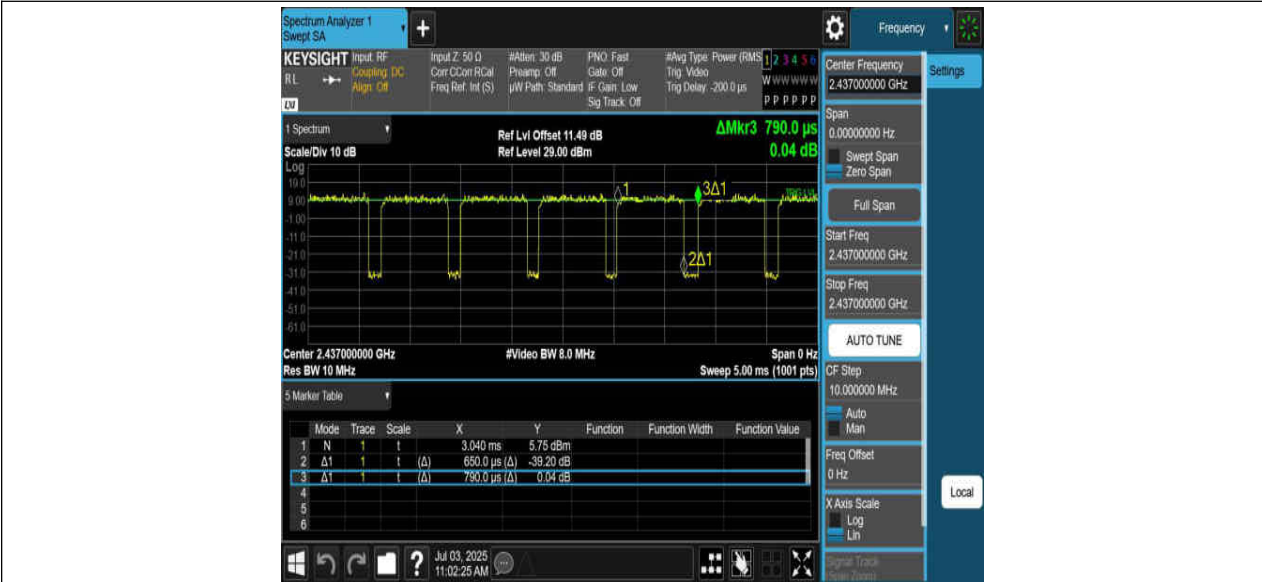
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11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



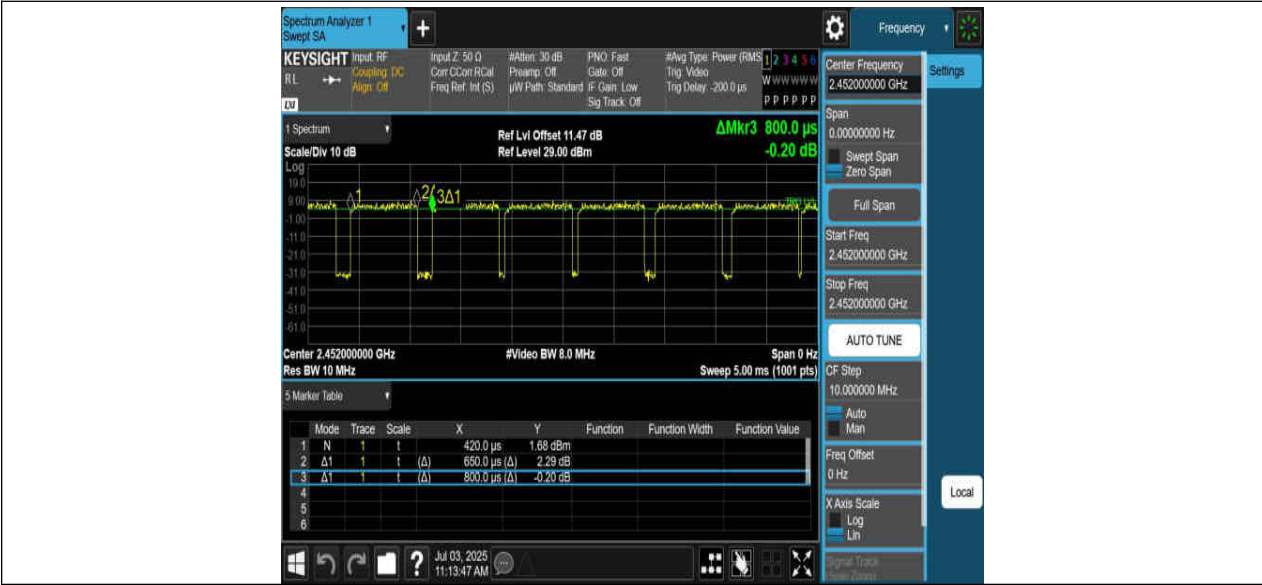
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



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 ISED RSS-247 ISSUE 3			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2) ISED RSS-247 5.2 (a)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5
ISED RSS-Gen Clause 6.7	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 :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	10.040	2406.960	2417.000	0.5	PASS
	Ant2	2412	9.560	2407.440	2417.000	0.5	PASS
	Ant1	2437	9.600	2432.440	2442.040	0.5	PASS
	Ant2	2437	9.560	2431.960	2441.520	0.5	PASS
	Ant1	2462	10.000	2457.000	2467.000	0.5	PASS
	Ant2	2462	9.040	2457.960	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
	Ant2	2412	16.320	2403.840	2420.160	0.5	PASS
	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
	Ant2	2437	16.320	2428.840	2445.160	0.5	PASS
	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
	Ant2	2462	16.320	2453.840	2470.160	0.5	PASS
11N20MIMO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
	Ant2	2412	17.520	2403.240	2420.760	0.5	PASS
	Ant1	2437	17.280	2428.480	2445.760	0.5	PASS
	Ant2	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant1	2462	17.560	2453.200	2470.760	0.5	PASS
	Ant2	2462	16.760	2453.640	2470.400	0.5	PASS
11N40MIMO	Ant1	2422	35.200	2404.400	2439.600	0.5	PASS
	Ant2	2422	35.440	2404.160	2439.600	0.5	PASS

	Ant1	2437	34.880	2419.400	2454.280	0.5	PASS
	Ant2	2437	35.360	2419.160	2454.520	0.5	PASS
	Ant1	2452	35.040	2434.480	2469.520	0.5	PASS
	Ant2	2452	35.600	2434.160	2469.760	0.5	PASS

99 % bandwidth:

Test Mode	Ant.	Channel Freq. (MHz)	OCB (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11B	Ant1	2412	14.906	2404.5721	2419.4781	---	---
	Ant2	2412	14.895	2404.5539	2419.4489	---	---
	Ant1	2437	14.878	2429.5995	2444.4775	---	---
	Ant2	2437	14.944	2429.4971	2444.4411	---	---
	Ant1	2462	14.923	2454.5128	2469.4358	---	---
	Ant2	2462	14.895	2454.5821	2469.4771	---	---
11G	Ant1	2412	16.904	2403.5213	2420.4253	---	---
	Ant2	2412	16.969	2403.5082	2420.4772	---	---
	Ant1	2437	16.965	2428.5063	2445.4713	---	---
	Ant2	2437	16.982	2428.4784	2445.4604	---	---
	Ant1	2462	17.082	2453.4185	2470.5005	---	---
	Ant2	2462	16.996	2453.5128	2470.5088	---	---
11N20MIMO	Ant1	2412	17.962	2403.0312	2420.9932	---	---
	Ant2	2412	17.910	2403.0583	2420.9683	---	---
	Ant1	2437	17.869	2428.0478	2445.9168	---	---
	Ant2	2437	17.938	2428.0076	2445.9456	---	---
	Ant1	2462	18.040	2452.9487	2470.9887	---	---
	Ant2	2462	17.960	2453.0465	2471.0065	---	---
11N40MIMO	Ant1	2422	35.944	2404.0673	2440.0113	---	---
	Ant2	2422	35.958	2403.9946	2439.9526	---	---
	Ant1	2437	35.895	2419.0577	2454.9527	---	---
	Ant2	2437	36.037	2418.9612	2454.9982	---	---
	Ant1	2452	35.931	2433.9937	2469.9247	---	---
	Ant2	2452	35.988	2434.0209	2470.0089	---	---

9.5. Original test data

6dB bandwidth:







11G_Ant2_2412



11G_Ant1_2437



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

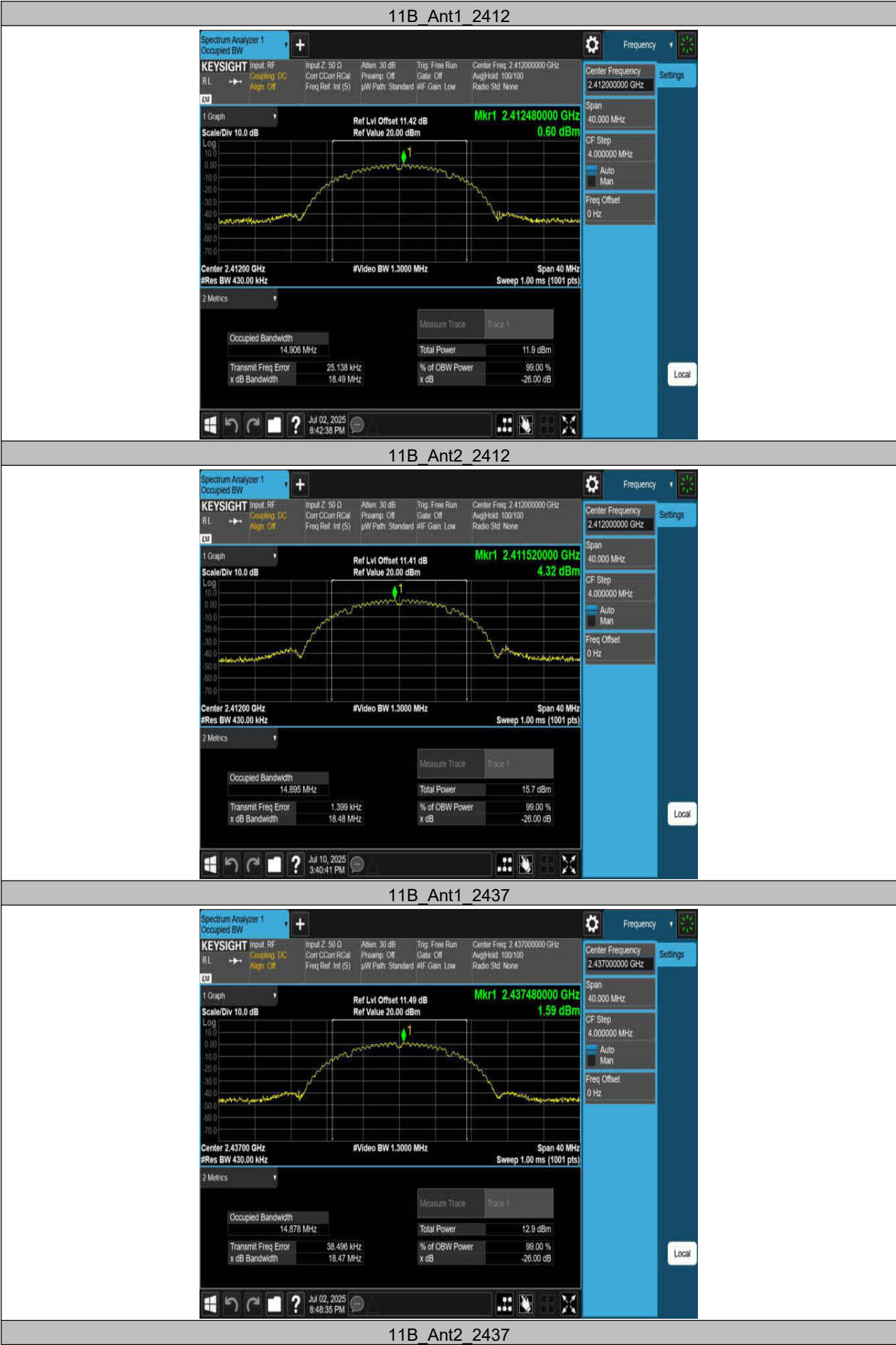


11N40MIMO_Ant1_2422



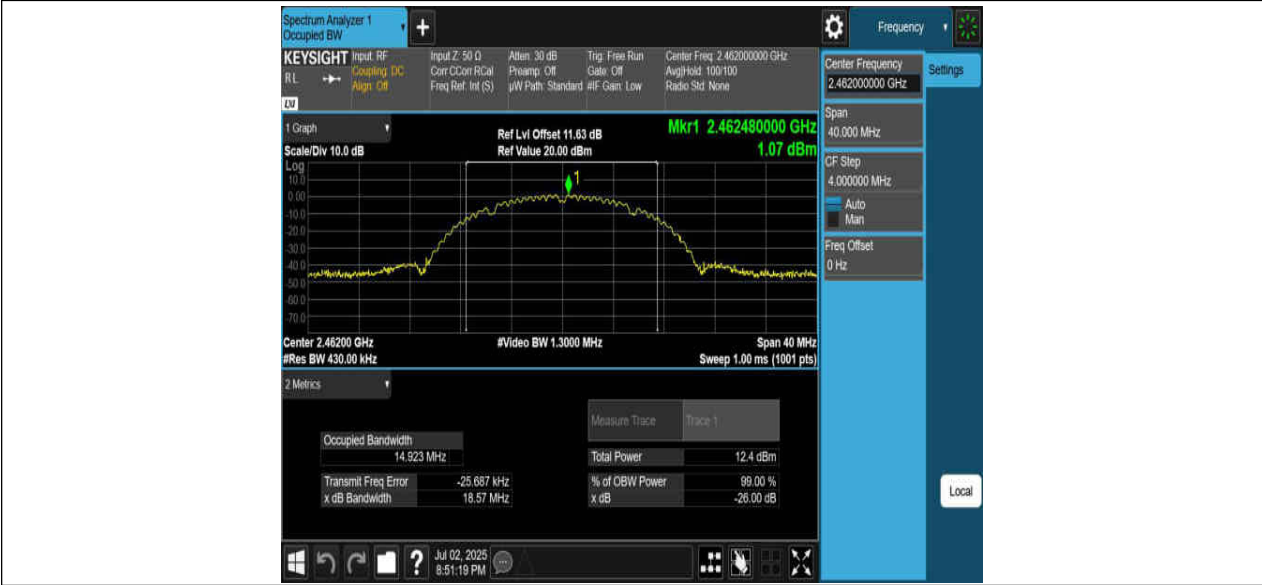


99 % bandwidth:

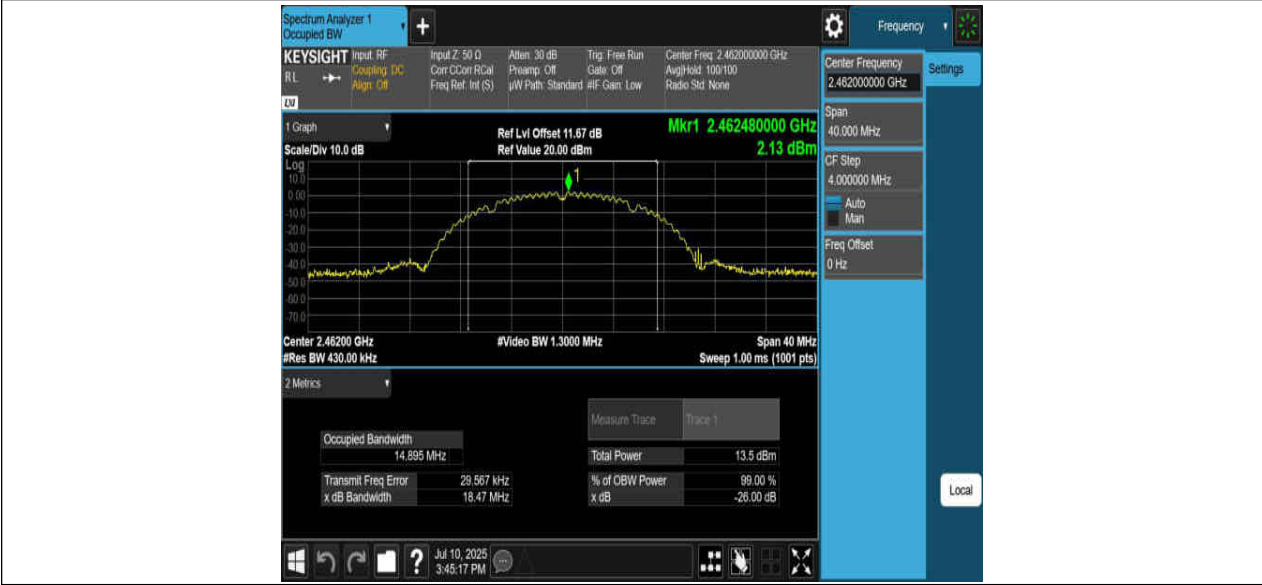




11B_Ant1_2462



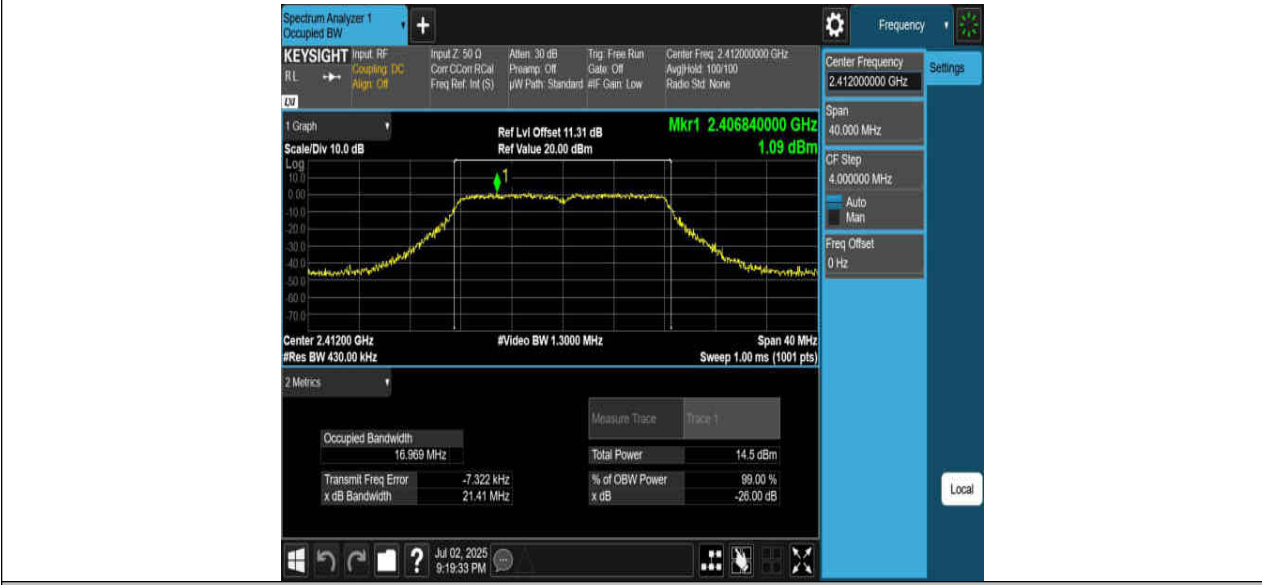
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



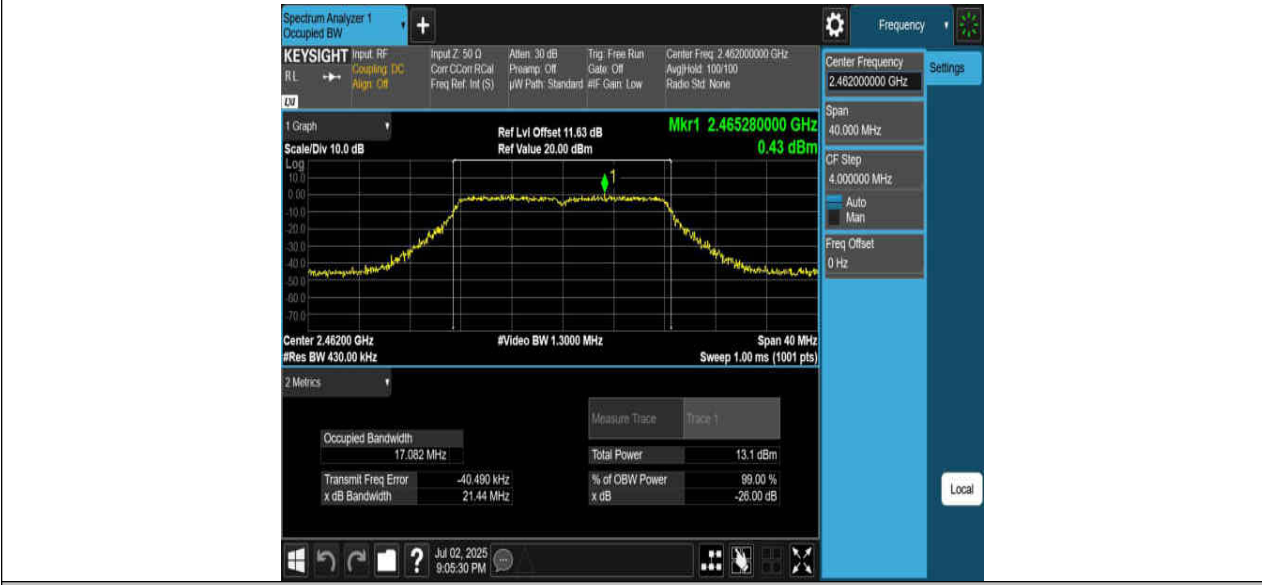
11G_Ant1_2437



11G_Ant2_2437



11G Ant1 2462



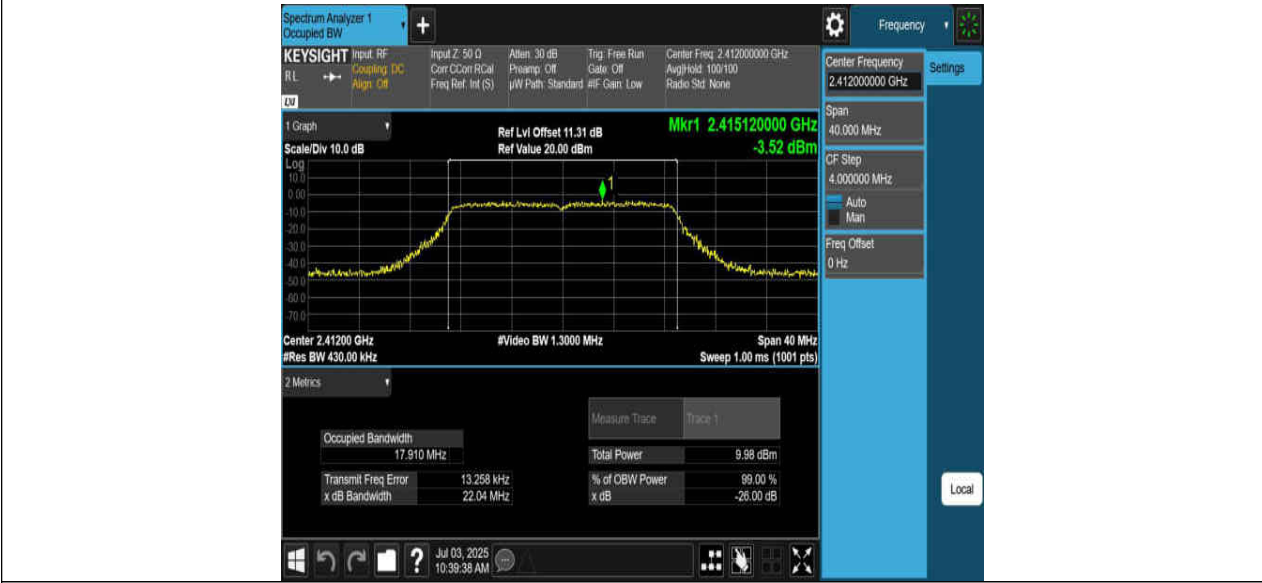
11G Ant2 2462



11N20MIMO Ant1 2412



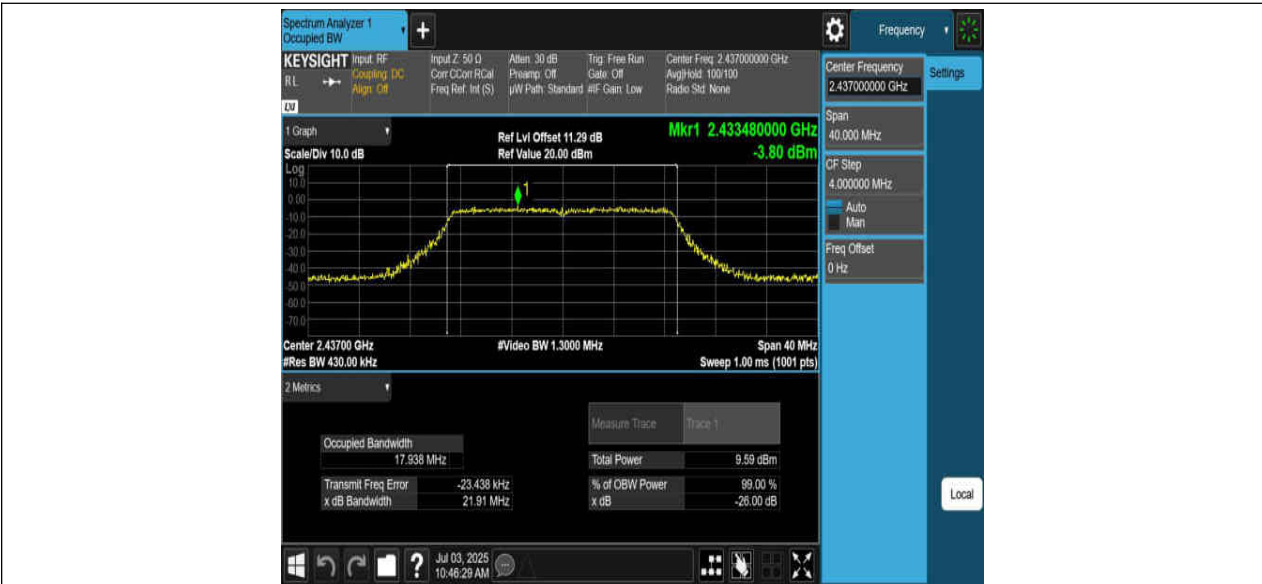
11N20MIMO_Ant2_2412



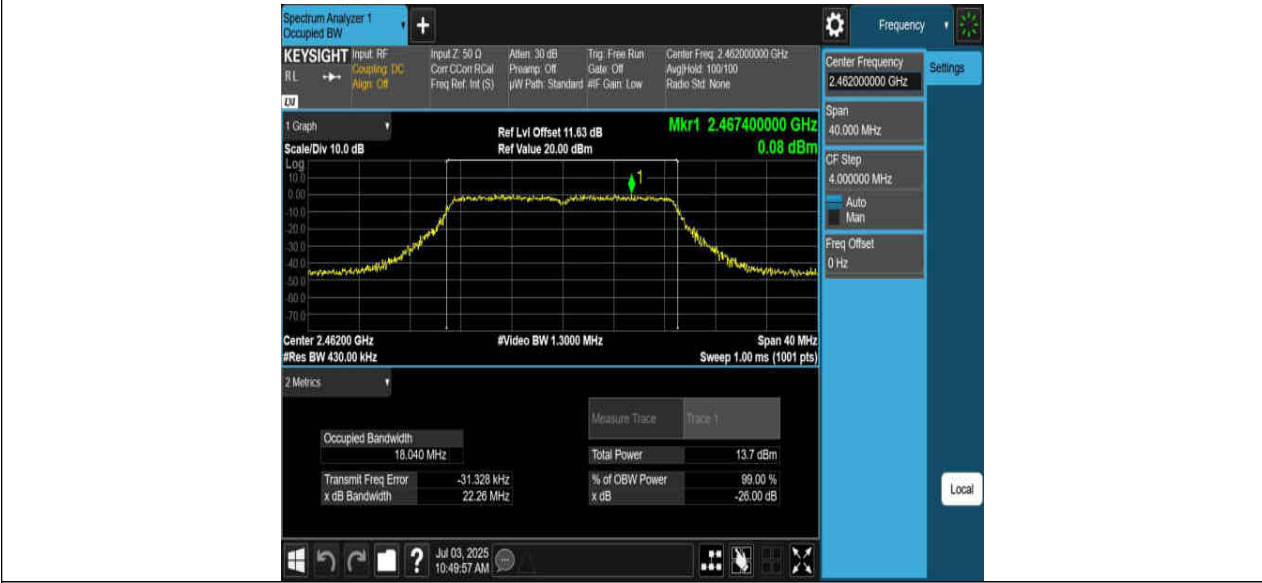
11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



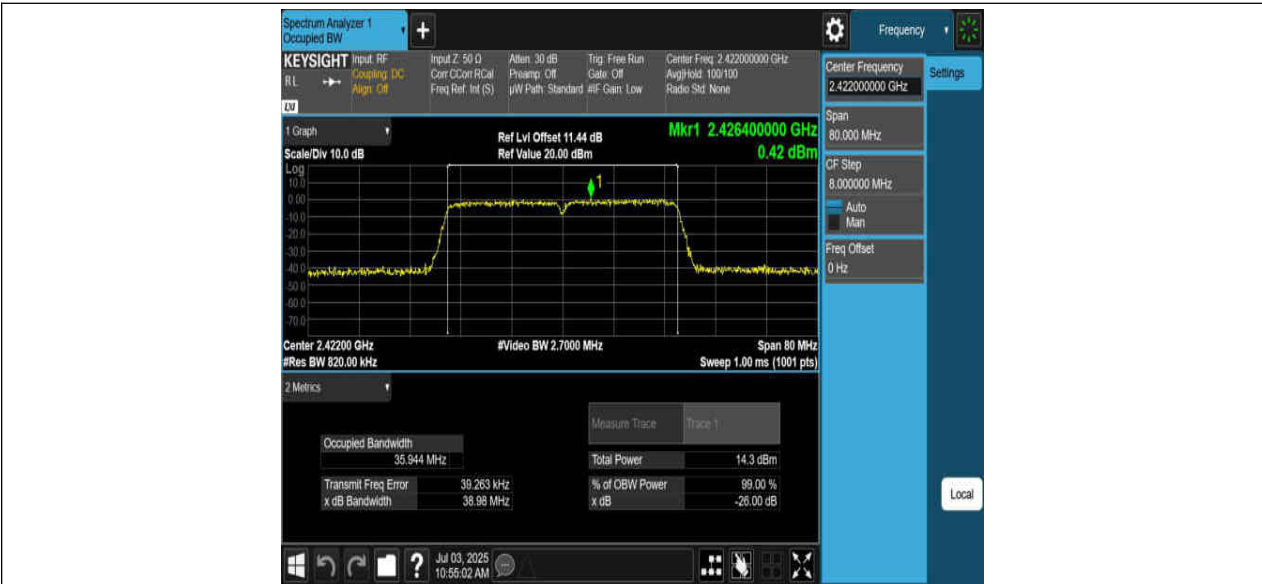
11N20MIMO_Ant1_2462



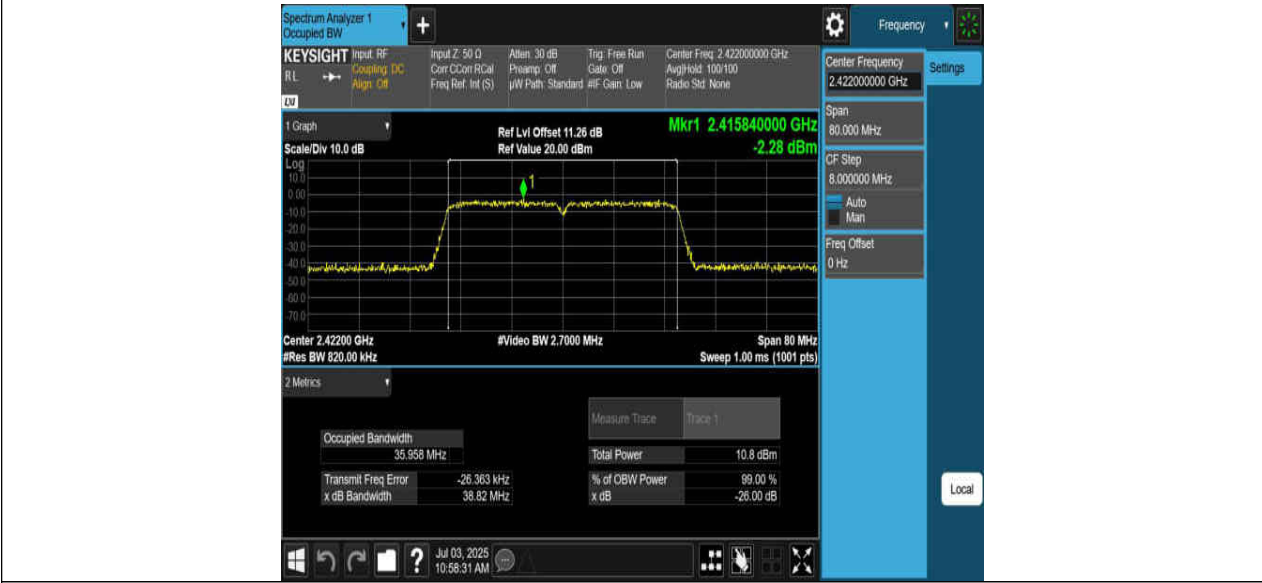
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_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 ISED RSS-247 ISSUE 3			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	Peak Output Power	1 watt or 30 dBm	2400-2483.5

10.3. Test Procedure

Place the EUT on the table and set it in the transmitting mode.

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Power sensor.

Measure peak power each channel.

Peak Detector use for Peak result.

AVG Detector use for AVG result.

10.4. Results

Test Mode	Ant.	Freq. (MHz)	Peak Power (dBm)	Conducted Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11B	Ant1	2412	11.81	≤30.00	15.03	≤36.00	PASS
	Ant2	2412	15.47	≤30.00	15.70	≤36.00	PASS
	Ant1	2437	12.67	≤30.00	15.89	≤36.00	PASS
	Ant2	2437	15.07	≤30.00	15.30	≤36.00	PASS
	Ant1	2462	12.28	≤30.00	15.50	≤36.00	PASS
	Ant2	2462	13.12	≤30.00	13.35	≤36.00	PASS
11G	Ant1	2412	13.06	≤30.00	16.28	≤36.00	PASS
	Ant2	2412	15.35	≤30.00	15.58	≤36.00	PASS
	Ant1	2437	13.84	≤30.00	17.06	≤36.00	PASS
	Ant2	2437	14.89	≤30.00	15.12	≤36.00	PASS
	Ant1	2462	13.95	≤30.00	17.17	≤36.00	PASS
	Ant2	2462	15.73	≤30.00	15.96	≤36.00	PASS
11N20MIMO	Ant1	2412	14.31	≤30.00	17.53	≤36.00	PASS
	Ant2	2412	10.79	≤30.00	11.02	≤36.00	PASS
	total	2412	15.91	≤30.00	19.13	≤36.00	PASS
	Ant1	2437	14.48	≤30.00	17.70	≤36.00	PASS
	Ant2	2437	10.37	≤30.00	10.60	≤36.00	PASS
	total	2437	15.90	≤30.00	19.12	≤36.00	PASS
	Ant1	2462	14.37	≤30.00	17.59	≤36.00	PASS
	Ant2	2462	10.95	≤30.00	11.18	≤36.00	PASS
11N40MIMO	total	2462	16.00	≤30.00	19.22	≤36.00	PASS
	Ant1	2422	14.41	≤30.00	17.63	≤36.00	PASS
	Ant2	2422	10.99	≤30.00	11.22	≤36.00	PASS
	total	2422	16.04	≤30.00	19.26	≤36.00	PASS
	Ant1	2437	14.84	≤30.00	18.06	≤36.00	PASS
	Ant2	2437	10.92	≤30.00	11.15	≤36.00	PASS
	total	2437	16.32	≤30.00	19.54	≤36.00	PASS
	Ant1	2452	14.97	≤30.00	18.19	≤36.00	PASS