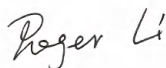


FCC CERTIFICATION TEST REPORT

Applicant:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Manufacturer:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Product Description:	Wifi Module
Brand Name:	N/A
Tested Model:	SI07F
FCC ID:	2AFG6-SI07F
Report No.:	JCF260108011-010
Received Date:	Jan. 08, 2026
Tested Date:	Jan. 08, 2026 ~ Apr. 13, 2026
Issued Date:	Apr. 13, 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:** Apr. 13, 2026

Reviewed By:



Kennys Zhang/Engineer **Date:** Apr. 13, 2026

Approved By:



Talent Zhang/Engineer **Date:** Apr. 13, 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
--	/	Apr. 13, 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	31
9.1. Block diagram of test setup	31
9.2. Limits	31
9.3. Test Procedure	31
9.4. Results	31
9.5. Original test data	33
10. Conducted Output Power	66
10.1. Block diagram of test setup	66
10.2. Limits	66
10.3. Test Procedure	66
10.4. Results	66
11. Power Spectral Density	68
11.1. Block diagram of test setup	68
11.2. Limits	68
11.3. Test Procedure	68
11.4. Results	68
11.5. Original test data	69
12. Conducted Band edge and Spurious Emissions	86
12.1. Block diagram of test setup	86
12.2. Limits	86
12.3. Test Procedure	86
12.4. Test result	86
12.5. Original test data	90
13. Radiated Emission	149
13.1. Block diagram of test setup	149
13.2. Limit	150
13.3. Test Procedure	151
13.4. Results	153
13.5. Original test data	153

14. AC Power Line Conducted Emissions 154

14.1. Block diagram of test setup 154

14.2. Limits 154

14.3. Test procedure 154

14.4. Test result 155

14.5. Original test data 155

15. Antenna Requirements 156

15.1. Applicable Requirements 156

15.2. Result 156

APPENDIX A – Radiated Emission Below 1GHz Test Data 157

APPENDIX B – Radiated Emission Above 1GHz Test Data 159

APPENDIX C – AC Power Line Conducted Emission Test Data 199

1. Test Report Declare

Applicant:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Scienteck Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Manufacturer:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Scienteck Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Product Name:	Wifi Module
Brand Name:	N/A
Model Name:	SI07F, SI07***(*=0-9, or A-Z or a-z or "-" or blank, for marketing purpose use only, no technical difference)
Difference Description:	For marketing purpose use only, no technical difference

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
Note: This report was tested strictly in accordance with the standards, without any additions, deviations or omissions to the standard content.			

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:	Wifi Module
Model Number:	SI07F
EUT Function Description:	Please refer to user manual of this device
Power Supply:	5VDC 1A
Sample No.:	260108011-01-01
Hardware Version:	NA
Software Version:	NA
Radio Specification:	IEEE802.11b/g/n/ax/be
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 IEEE 802.11be EHT20: 2412MHz—2462MHz IEEE 802.11be EHT40: 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) IEEE 802.11be (EHT20/40): OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Support:	Full SU
Antenna Type:	FPC Antenna 1, MAX. Gain: 1.36 dBi FPC Antenna 2, MAX. Gain: 2.40 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/ax/be (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/be (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
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
802.11be EHT20	MCS 0	Low: CH1	2412
	MCS 0	Middle: CH6	2437
	MCS 0	High: CH11	2462
802.11be EHT40	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		QA-Tool		
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	11	11
		CH6	Default	Default
		CH11	Default	Default
802.11HT20	2	CH1	10	10
		CH6	Default	Default
		CH11	15	15
802.11n HT40	2	CH3	Default	Default
		CH6	Default	Default
		CH9	Default	Default
802.11ax HE20	2	CH1	12	12
		CH6	Default	Default
		CH11	Default	Default
802.11ax HE40	2	CH3	Default	Default
		CH6	Default	Default
		CH9	Default	Default
802.11be EHT20	2	CH1	12	12
		CH6	Default	Default
		CH11	Default	Default
802.11be EHT40	2	CH3	Default	Default
		CH6	Default	Default
		CH9	Default	Default

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.
802.11be EHT20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11be EHT40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
Note: 1. Only 802.11n HT20/HT40, 802.11ax HE20/HE40 and 802.11be EHT20/EHT40 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

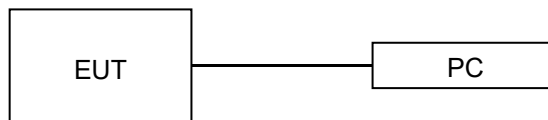
Equipment	Brand Name	Model Name	P/N
PC	Lenovo	T480	/
PC Adapter	Lenovo	ADLX65YDC3D	/

5.3. Test Setup

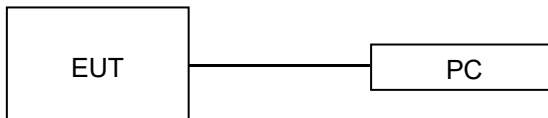
The EUT can work in Fixed Frequency mode.

5.4. Setup Diagram for Tests

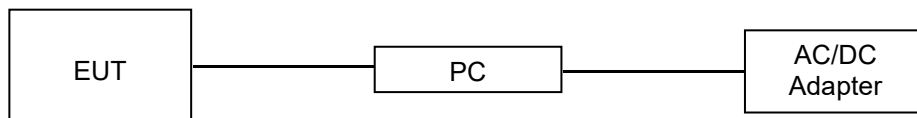
RF Connect Test:



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.	

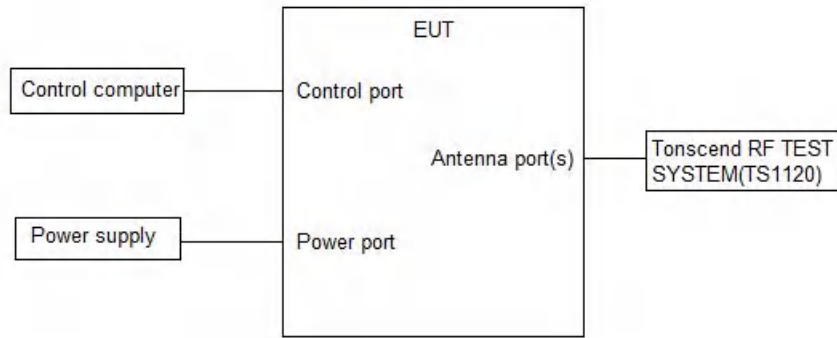
7. Measuring Instrument and Software Used

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
☒	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: 30MHz-1GHz All PASS	/	Jul. 31, 2025	Jul. 30, 2026

			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	8.38	8.89	94.26
	Ant2	2412	8.39	8.90	94.27
	Ant1	2437	8.38	8.88	94.37
	Ant2	2437	8.38	8.89	94.26
	Ant1	2462	8.39	8.89	94.38
	Ant2	2462	8.38	8.89	94.26
11G	Ant1	2412	1.40	1.83	76.50
	Ant2	2412	1.39	1.83	75.96
	Ant1	2437	1.39	1.82	76.37
	Ant2	2437	1.39	1.82	76.37
	Ant1	2462	1.39	1.82	76.37
	Ant2	2462	1.39	1.82	76.37
11N20MIMO	Ant1	2412	1.30	1.73	75.14
	Ant2	2412	1.29	1.72	75.00
	Ant1	2437	1.30	1.73	75.14
	Ant2	2437	1.29	1.72	75.00
	Ant1	2462	1.30	1.73	75.14
	Ant2	2462	1.29	1.72	75.00
11N40MIMO	Ant1	2422	0.63	1.06	59.43
	Ant2	2422	0.64	1.07	59.81
	Ant1	2437	0.63	1.06	59.43
	Ant2	2437	0.63	1.06	59.43
	Ant1	2452	0.64	1.07	59.81
	Ant2	2452	0.64	1.07	59.81
11AX20MIMO	Ant1	2412	0.20	0.64	31.25
	Ant2	2412	0.20	0.64	31.25

	Ant1	2437	0.20	0.63	31.75
	Ant2	2437	0.20	0.63	31.75
	Ant1	2462	0.20	0.63	31.75
	Ant2	2462	0.20	0.63	31.75
11AX40MIMO	Ant1	2422	0.20	0.63	31.75
	Ant2	2422	0.21	0.64	32.81
	Ant1	2437	0.21	0.64	32.81
	Ant2	2437	0.21	0.64	32.81
	Ant1	2452	0.20	0.63	31.75
	Ant2	2452	0.20	0.63	31.75
11BE20MIMO	Ant1	2412	0.23	0.66	34.85
	Ant2	2412	0.24	0.67	35.82
	Ant1	2437	0.23	0.67	34.33
	Ant2	2437	0.24	0.67	35.82
	Ant1	2462	0.23	0.67	34.33
	Ant2	2462	0.24	0.66	36.36
11BE40MIMO	Ant1	2422	0.24	0.67	35.82
	Ant2	2422	0.24	0.67	35.82
	Ant1	2437	0.24	0.67	35.82
	Ant2	2437	0.24	0.67	35.82
	Ant1	2452	0.24	0.68	35.29
	Ant2	2452	0.24	0.68	35.29

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

Note2: Offset=cable loss + Test system insertion loss

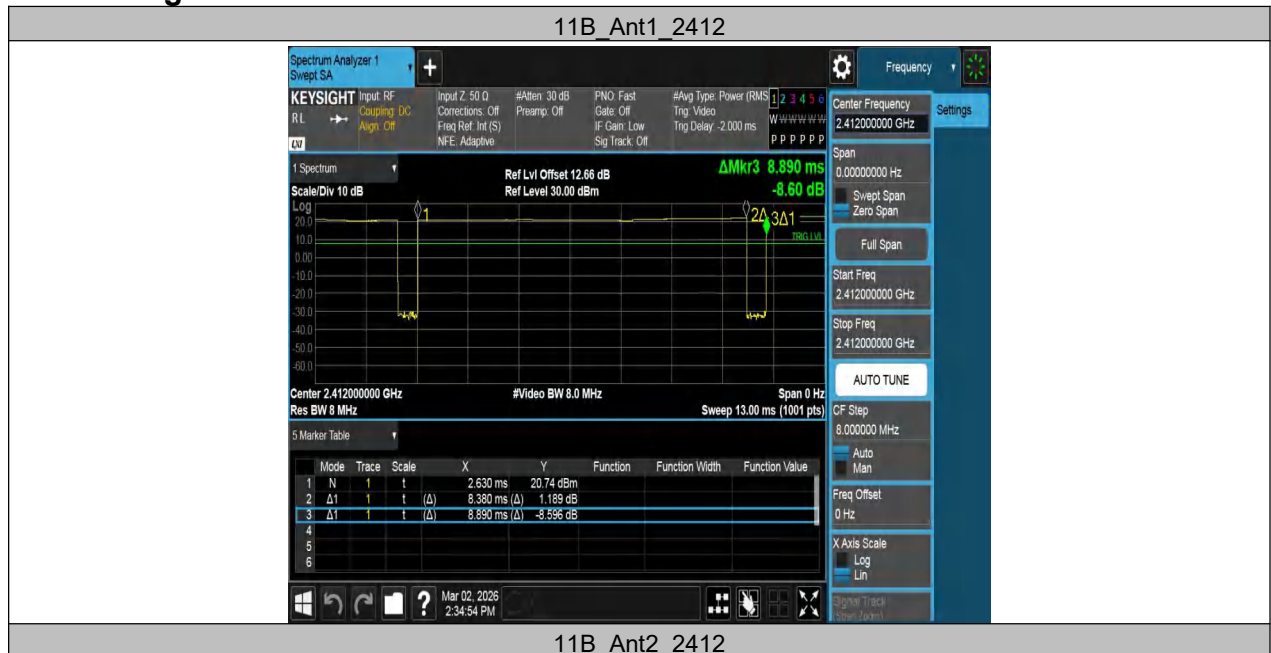
Where: x is Duty Cycle (Linear)

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_2462



11G_Ant1_2412



11G_Ant2_2412







11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO Ant2 2422







11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462





11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452





11BE20MIMO_Ant1_2437



11BE20MIMO_Ant2_2437



11BE20MIMO_Ant1_2462







11BE40MIMO_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			
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	8.120	2407.920	2416.040	0.5	PASS
	Ant2	2412	8.120	2407.960	2416.080	0.5	PASS
	Ant1	2437	8.120	2432.920	2441.040	0.5	PASS
	Ant2	2437	7.640	2432.920	2440.560	0.5	PASS
	Ant1	2462	8.120	2457.920	2466.040	0.5	PASS
	Ant2	2462	8.120	2457.920	2466.040	0.5	PASS
11G	Ant1	2412	16.280	2403.800	2420.080	0.5	PASS
	Ant2	2412	16.320	2403.840	2420.160	0.5	PASS
	Ant1	2437	16.240	2428.840	2445.080	0.5	PASS
	Ant2	2437	15.440	2428.800	2444.240	0.5	PASS
	Ant1	2462	16.080	2453.920	2470.000	0.5	PASS
	Ant2	2462	16.280	2453.840	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	17.320	2403.280	2420.600	0.5	PASS
	Ant2	2412	17.320	2403.440	2420.760	0.5	PASS
	Ant1	2437	17.280	2428.400	2445.680	0.5	PASS
	Ant2	2437	16.920	2428.160	2445.080	0.5	PASS
	Ant1	2462	17.360	2453.320	2470.680	0.5	PASS
	Ant2	2462	17.560	2453.200	2470.760	0.5	PASS
11N40MIMO	Ant1	2422	35.840	2404.000	2439.840	0.5	PASS
	Ant2	2422	31.200	2407.680	2438.880	0.5	PASS

	Ant1	2437	36.160	2418.920	2455.080	0.5	PASS
	Ant2	2437	32.720	2419.240	2451.960	0.5	PASS
	Ant1	2452	36.000	2434.000	2470.000	0.5	PASS
	Ant2	2452	35.760	2433.760	2469.520	0.5	PASS
11AX20MIMO	Ant1	2412	18.800	2402.640	2421.440	0.5	PASS
	Ant2	2412	18.600	2402.640	2421.240	0.5	PASS
	Ant1	2437	18.680	2427.640	2446.320	0.5	PASS
	Ant2	2437	17.080	2427.600	2444.680	0.5	PASS
	Ant1	2462	18.560	2452.680	2471.240	0.5	PASS
	Ant2	2462	18.760	2452.640	2471.400	0.5	PASS
11AX40MIMO	Ant1	2422	36.800	2403.280	2440.080	0.5	PASS
	Ant2	2422	33.920	2405.920	2439.840	0.5	PASS
	Ant1	2437	36.880	2418.280	2455.160	0.5	PASS
	Ant2	2437	31.040	2418.520	2449.560	0.5	PASS
	Ant1	2452	36.800	2433.280	2470.080	0.5	PASS
	Ant2	2452	36.400	2432.960	2469.360	0.5	PASS
11BE20MIMO	Ant1	2412	18.880	2402.560	2421.440	0.5	PASS
	Ant2	2412	18.880	2402.640	2421.520	0.5	PASS
	Ant1	2437	18.680	2427.520	2446.200	0.5	PASS
	Ant2	2437	18.480	2427.480	2445.960	0.5	PASS
	Ant1	2462	18.720	2452.520	2471.240	0.5	PASS
	Ant2	2462	18.880	2452.560	2471.440	0.5	PASS
11BE40MIMO	Ant1	2422	37.760	2403.040	2440.800	0.5	PASS
	Ant2	2422	36.000	2404.000	2440.000	0.5	PASS
	Ant1	2437	37.200	2418.200	2455.400	0.5	PASS
	Ant2	2437	30.880	2418.520	2449.400	0.5	PASS
	Ant1	2452	35.040	2433.920	2468.960	0.5	PASS
	Ant2	2452	37.200	2432.960	2470.160	0.5	PASS

Note: Offset=cable loss + Test system insertion loss

99 % bandwidth:

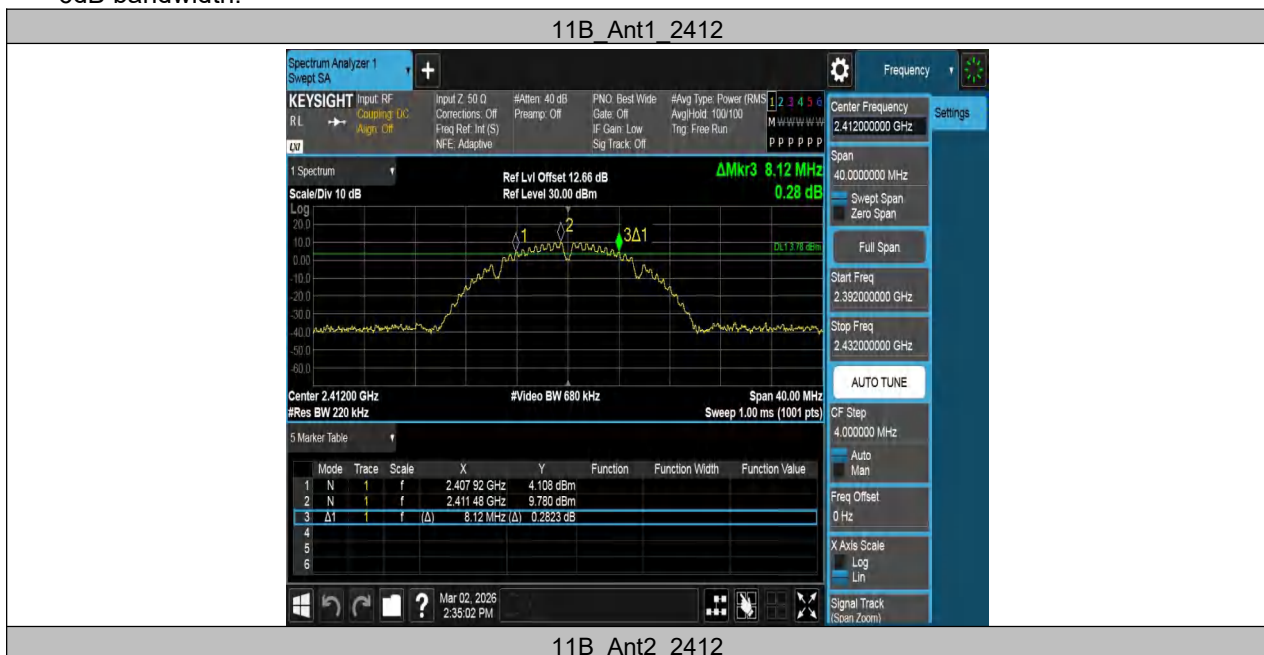
Test Mode	Ant.	Channel Freq. (MHz)	OCB (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11B	Ant1	2412	12.696	2405.6284	2418.3244	---	---
	Ant2	2412	12.535	2405.8813	2418.4163	---	---
	Ant1	2437	12.736	2430.5796	2443.3156	---	---
	Ant2	2437	12.358	2430.5907	2442.9487	---	---
	Ant1	2462	12.731	2455.6059	2468.3369	---	---
	Ant2	2462	12.364	2455.8215	2468.1855	---	---
11G	Ant1	2412	16.501	2403.7450	2420.2460	---	---
	Ant2	2412	16.584	2403.7412	2420.3252	---	---
	Ant1	2437	16.568	2428.6743	2445.2423	---	---
	Ant2	2437	16.788	2428.4233	2445.2113	---	---
	Ant1	2462	16.508	2453.7357	2470.2437	---	---
	Ant2	2462	17.058	2453.4386	2470.4966	---	---
11N20MIMO	Ant1	2412	17.594	2403.1894	2420.7834	---	---
	Ant2	2412	17.637	2403.1942	2420.8312	---	---
	Ant1	2437	17.581	2428.1639	2445.7449	---	---
	Ant2	2437	17.727	2427.9896	2445.7166	---	---
	Ant1	2462	17.535	2453.2262	2470.7612	---	---
	Ant2	2462	17.921	2453.0272	2470.9482	---	---

11N40MIMO	Ant1	2422	36.027	2403.9509	2439.9779	---	---
	Ant2	2422	35.845	2404.1597	2440.0047	---	---
	Ant1	2437	36.054	2418.9298	2454.9838	---	---
	Ant2	2437	35.898	2418.7048	2454.6028	---	---
	Ant1	2452	36.034	2433.9250	2469.9590	---	---
	Ant2	2452	36.575	2433.4764	2470.0514	---	---
11AX20MIMO	Ant1	2412	18.940	2402.4647	2421.4047	---	---
	Ant2	2412	18.897	2402.5937	2421.4907	---	---
	Ant1	2437	18.857	2427.5582	2446.4152	---	---
	Ant2	2437	18.966	2427.3863	2446.3523	---	---
	Ant1	2462	18.870	2452.5527	2471.4227	---	---
	Ant2	2462	19.117	2452.4382	2471.5552	---	---
11AX40MIMO	Ant1	2422	37.769	2403.1246	2440.8936	---	---
	Ant2	2422	37.620	2403.2865	2440.9065	---	---
	Ant1	2437	37.764	2418.1009	2455.8649	---	---
	Ant2	2437	37.551	2417.9102	2455.4612	---	---
	Ant1	2452	37.746	2433.0571	2470.8031	---	---
	Ant2	2452	38.222	2432.6346	2470.8566	---	---
11BE20MIMO	Ant1	2412	18.964	2402.4868	2421.4508	---	---
	Ant2	2412	18.886	2402.5479	2421.4339	---	---
	Ant1	2437	18.900	2427.5187	2446.4187	---	---
	Ant2	2437	18.916	2427.4119	2446.3279	---	---
	Ant1	2462	18.858	2452.5534	2471.4114	---	---
	Ant2	2462	19.077	2452.4620	2471.5390	---	---
11BE40MIMO	Ant1	2422	37.857	2403.1102	2440.9672	---	---
	Ant2	2422	37.694	2403.2584	2440.9524	---	---
	Ant1	2437	37.953	2417.9746	2455.9276	---	---
	Ant2	2437	37.643	2417.8462	2455.4892	---	---
	Ant1	2452	37.972	2432.9386	2470.9106	---	---
	Ant2	2452	38.376	2432.5062	2470.8822	---	---

Note: Offset=cable loss + Test system insertion loss

9.5. Original test data

6dB bandwidth:





11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412