

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
			2400.00	-41.141	-12.99	-28.151	PASS
	1		2397.49	-38.742	-12.99	-25.752	PASS
IEEE			23520.5	-41.966	-12.99	-28.976	PASS
802.11b	6		23808.3	-43.260	-13.15	-30.110	PASS
	11		2483.50	-52.116	-13.44	-38.676	PASS
	11		23605.4	-42.620	-13.44	-29.180	PASS
			2400.00	-38.038	-16.79	-21.248	PASS
	1		2398.27	-36.739	-16.79	-19.949	PASS
IEEE			23632.9	-43.280	-16.79	-26.490	PASS
802.11g	6		24860.8	-42.719	-16.61	-26.108	PASS
	11		2483.50	-42.832	-17.59	-25.242	PASS
	11	1	23627.2	-43.360	-17.59	-25.770	PASS
		I	2400.00	-37.109	-16.68	-20.429	PASS
	1		2398.53	-36.679	-16.68	-19.999	PASS
IEEE			23552.3	-43.433	-16.68	-26.753	PASS
802.11n_20	6		23792.0	-43.234	-16.48	-26.754	PASS
	11		2483.50	-43.724	-17.16	-26.564	PASS
	11		24910.7	-42.443	-17.16	-25.283	PASS
			2400.00	-34.918	-17.25	-17.668	PASS
	3		2396.97	-29.418	-17.25	-12.168	PASS
IEEE			24866.4	-43.266	-17.25	-26.016	PASS
802.11n_40	6		24765.9	-43.051	-17.0	-26.051	PASS
	0		2483.50	-35.464	-18.35	-17.114	PASS
	9		24907.0	-42.916	-18.35	-24.566	PASS

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 EN 中国国家认证认可监督管理委员会 Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



Test Graphs:

EN



CTC Laboratories, Inc.

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

中国国家认证认可监督管理委员会

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn





中国国家认证认可监督管理委员会 ΕN





中国国家认证认可监督管理委员会 ΕN





中国国家认证认可监督管理委员会 ΕN





中国国家认证认可监督管理委员会 EN



Agilent Spectrum Analyzer - Swept SA	Agilent Spectrum Analyzer - Swept SA
DIR R	BIL R T RF SOD AC SOBERATION ALSTANTO 119938 MAIN 11, 2024 Center Freq 12:5150000000 GHZ PRO: Fast → Trig: Free Run Avg Type: Log-Pvr Truce The Control Past 10, 2024 IFG data tow Atten: 34 dB cet [bp: pp: pp: pp: pp: pp: pp: pp: pp: pp:
Ref offset 15 dB Mkr2 2.483 50 GHz 10 dB/dv Ref 25.00 dBm 10 dS/dv -35.484 dBm	Ref offset 15 dB Mkr1 24.907 0 GHz 10 dB/div Ref 25.00 dBm -42.916 dBm 100
350 2 360 4 450 4 450 5 500 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	50 1 60 1 60 1 80 1 80 1 80 1 80 1 80 1 81 100 kHz Stop 25.00 GHz 100 kHz Stop 25.00 GHz 100 kHz
MAR HORE THE SOL X Y REACTON ROUTH RUNCTION WIDTH RUNCTION RUNCTI RUNCTION RUNCTION RUNCTION RUNCTI	MRR MODE TRC SCL X Y FUNCTION F
Out Of Band Emission IEEE 802.11n_Channel 9_40MHz_Antenna 1	Spurious Emission IEEE 802.11n_Channel 9_40MHz_Antenna 1

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 下 中国国家认证认可监督管理委员会



3.5. DTS Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2) / RSS-247 5.2 a

Test Item	Limit	Frequency Range (MHz)
DTS Bandwidth	≥500 kHz (6dB bandwidth)	2400~2483.5

Test Configuration



Test Procedure

- 1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. DTS Spectrum Setting:
 - (1) Set RBW = 100 kHz.
 - (2) Set the video bandwidth (VBW) \geq 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.
 - OCB Spectrum Setting:
 - (1) Set RBW = $1\% \sim 5\%$ occupied bandwidth.
 - (2) Set the video bandwidth (VBW) \ge 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

Please refer to the clause 2.4.

CTC Laboratories, Inc.

Tel.: (86)755-27521059



Test Mode	Antenna	Channel	OCB [MHz]	DTS BW [MHz]	Limit[MHz]	Verdict
		2412	14.217	10.04	0.5	PASS
11B	Ant1	2437	14.191	9.041	0.5	PASS
		2462	14.209	9.081	0.5	PASS
		2412	16.181	15.12	0.5	PASS
11G	Ant1	2437	16.182	15.12	0.5	PASS
		2462	16.172	15.10	0.5	PASS
		2412	17.156	15.06	0.5	PASS
11N20SISO	Ant1	2437	17.145	14.93	0.5	PASS
		2462	17.148	15.12	0.5	PASS
		2422	35.364	35.06	0.5	PASS
11N40SISO	Ant1	2437	35.402	35.03	0.5	PASS
		2452	35.399	35.07	0.5	PASS

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 EN 中国国家认证认可监督管理委员会 Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



Occupied Bandwidth:



CTC Laboratories, Inc.

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn For anti-fake verification, please visit the official webs

EN

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



Page 60 of 75

Report No.: CTC20240000E04



CTC Laboratories, Inc.

Tel.: (86)755-27521059

中国国家认证认可监督管理委员会 EN



NSEINT ALIGNAUTO Center Freq: 2.412000000 GHz Trig: Free Run Avg|Hold: 100/100 #Atten: 40 dB 10:27:44 AM Jan 11, 203 Radio Std: None 10:33:24 AM Jan 11, 202 Radio Std: None nter Freq 2.412000000 GH Center Freq: 2.4370 Trig: Free Run #Atten: 40 dB nter Freg 2.437000000 GHz 000 GHz Avg|Hold: 100/100 --------Radio Device: BTS #IEGain:Los Radio Device: BTS Ref Offset 1.5 dB Ref 26.50 dBm Ref Offset 1.5 dB Ref 26.50 dBm enter 2.437 GHz Res BW 100 kHz Span 30 MH2 eep 3.333 m enter 2.412 GHz Res BW 100 kHz Span 30 MHz eep 3.333 ms #VBW 300 kHz Sv #VBW 300 kHz Sw 22.5 dBm 22.5 dBm Occupied Bandwid Total Power Occupied Bandw Total Power 14.222 MHz 14.212 MHz 57.565 kHz 99.00 % 42.029 kHz 99.00 % Transmit Freq Error Transmit Freq Error **OBW Power** OBW Power 10.04 MHz x dB Bandwidth x dB -6.00 dB x dB Bandwidth 9.041 MHz x dB -6.00 dB IEEE 802.11b_Channel 1_20MHz_Antenna 1 IEEE 802.11b Channel 6 20MHz Antenna 1 10:51:43 AM Ja Radio Std: None enter Freq 2.462000000 GH 10:38:00 AM Ja Radio Std: None nter Freq 2.412000000 GH GHz Center Freq: 2.41 Trig: Free Run Center Freq: 2.4 Trig: Free Run #Atten: 40 dB Ref Offset 1.5 dB Ref 26.50 dBm Ref Offset 1.5 dB Ref 26.50 dBn enter 2.412 GHz Res BW 100 kHz enter 2.462 GHz Res BW 100 kHz Span 30 MHz Sweep 3.333 ms Span 30 MH; Sweep 3.333 ms #VBW 300 kHz #VBW 300 kHz Total Power 22.1 dBm Total Powe 20.0 dBm Occupied Bandwidth Occupied Bandwidth 14.234 MHz 16.123 MHz Transmit Freg Error 51.003 kHz OBW Power 99.00 % Transmit Freg Error 10.647 kHz OBW Power 99.00 % 9.081 MHz 15.12 MHz x dB Bandwidth x dB -6.00 dB x dB Bandwidth x dB -6.00 dB IEEE 802.11b_Channel 11_20MHz_Antenna 1 IEEE 802.11g_Channel 1_20MHz_Antenna 1 10:55:58 AM Jan 11 Radio Std: None 11:00:40 AM Jan 11, 20 Radio Std: None Center Freq 2.437000000 GH Center Freq 2.462000000 GHz Center Freq: 2.43 Trig: Free Run GHz Radio Device: BTS Radio Device: BTS Ref Offset 1.5 dB Ref 26.50 dBm Ref Offset 1.5 dB Ref 26.50 dBn Span 30 MHz Sweep 3.333 ms enter 2.462 GHz Res BW 100 kHz Span 30 MHz Sweep 3.333 ms enter 2.437 GHz Res BW 100 kHz #VBW 300 kHz #VBW 300 kHz Occupied Bandwidt Total Power 20.2 dBm Occupied Bandwidth Total Power 19.5 dBm 16.116 MHz 16.137 MHz -10.252 kHz 99.00 % Transmit Freq Error OBW Power Transmit Freq Error -9.786 kHz OBW Power 99.00 % 15.12 MHz -6.00 dB 15.10 MHz dB Bandwidth x dB dB Bandwidth x dB -6.00 dB IEEE 802.11g_Channel 6_20MHz_Antenna 1 IEEE 802.11g_Channel 11_20MHz_Antenna 1

CTC Laboratories, Inc.

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 EN

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



Page 62 of 75

Report No.: CTC20240000E04



CTC Laboratories, Inc.

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www



 Jing, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

 Fax: (86)755-27521011
 Http://www.sz-ctc.org.cn

 For anti-fake verification, please visit the official website of Certification and

 Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



3.6. Peak Output Power

<u>Limit</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3) / RSS-247 5.4 d

Section	Test Item	Limit	Frequency Range (MHz)
FCC CFR 47 Part15.247 (b)(3)	Maximum Conducted Output Power	1 Watt or 30dBm	2400~2483.5
ISED RSS-247 5.4 d	EIRP	4 Watt or 36dBm	2400~2483.5

Test Configuration



Test Procedure

- 1. The maximum conducted output power may be measured using a broadband Peak RF power meter.
- 2. Peak power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor.
- 3. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. Record the measurement data.

Test Mode

Please refer to the clause 2.4.



Test Result

Test Mode	Antenna	Channel	Peak Output Power[dBm]	Limit[dBm]	Verdict
		2412	18.28	≤30	PASS
11B	Ant1	2437	18.34	≤30	PASS
		2462	17.74	≤30	PASS
		2412	20.71	≤30	PASS
11G	Ant1	2437	20.87	≤30	PASS
		2462	20.28	≤30	PASS
		2412	20.47	≤30	PASS
11N20SISO	Ant1	2437	20.64	≤30	PASS
		2462	20.05	≤30	PASS
		2422	23.20	≤30	PASS
11N40SISO	Ant1	2437	23.12	≤30	PASS
		2452	22.40	≤30	PASS

Test Mode	Antenna	Channel	EIRP[dBm]	Limit[dBm]	Verdict
		2412	20.28	≤36	PASS
11B	Ant1	2437	20.34	≤36	PASS
		2462	19.74	≤36	PASS
		2412	22.71	≤36	PASS
11G	Ant1	2437	22.87	≤36	PASS
		2462	22.28	≤36	PASS
		2412	22.47	≤36	PASS
11N20SISO	Ant1	2437	22.64	≤36	PASS
		2462	22.05	≤36	PASS
		2422	25.20	≤36	PASS
11N40SISO	Ant1	2437	25.12	≤36	PASS
		2452	25.40	≤36	PASS

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 EN 中国国家认证认可监督管理委员会 Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



3.7. Power Spectral Density

<u>Limit</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e) / RSS-247 5.2 b

Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	8 dBm (in any 3 kHz)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.

2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.

3. Spectrum Setting:

Set analyzer center frequency to DTS channel center frequency.

Set the span to 1.5 times the DTS bandwidth.

Set the RBW to: 3 kHz.

Set the VBW to: 10 kHz.

Detector: peak.

Sweep time: auto.

Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.4.



Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
		2412	-7.132	≤8	PASS
11B	Ant1	2437	-6.413	≤8	PASS
		2462	-6.838	≤8	PASS
		2412	-11.665	≤8	PASS
11G	Ant1	2437	-11.231	≤8	PASS
		2462	-11.231	≤8	PASS
		2412	-11.339	≤8	PASS
11N20SISO	Ant1	2437	-11.456	≤8	PASS
		2462	-12.314	≤8	PASS
		2422	-12.132	≤8	PASS
11N40SISO	Ant1	2437	-11.483	≤8	PASS
		2452	-12.429	≤8	PASS

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 EN 中国国家认证认可监督管理委员会 Accreditation Administration of the People's Republic of China : http://yz.cnca.cn





中国国家认证认可监督管理委员会 EN





中国国家认证认可监督管理委员会 EN



3.8. Duty Cycle

<u>Limit</u>

None, for report purposes only.

Test Configuration



Test Procedure

- 1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.

Spectrum Setting:
 Set analyzer center frequency to test channel center frequency.
 Set the span to 0Hz.
 Set the RBW to 10MHz.
 Set the VBW to 10MHz.
 Detector: Peak.
 Sweep time: Auto.
 Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.4.

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



Test Result

Test Mode	Channel	Transmission	Transmission	Duty Cycle	1/T Minimum	Final Setting
Test Mode	Channel	Duration [ms]	Period [ms]	[%]	VBW (kHz)	for VBW (kHz)
	2412	12.419	12.462	99.65	0.08	1
11B	2437	12.419	15.540	79.92	0.08	1
	2462	12.418	12.561	98.86	0.08	1
	2412	2.065	2.145	96.27	0.48	1
11G	2437	2.065	2.100	98.33	0.48	1
	2462	2.065	2.154	95.86	0.48	1
	2412	1.921	2.073	92.67	0.52	1
11N20SISO	2437	1.921	2.019	95.15	0.52	1
	2462	1.921	2.010	95.56	0.52	1
	2422	0.945	1.088	86.86	1.06	3
11N40SISO	2437	0.945	1.061	89.05	1.06	3
	2452	0.945	1.061	89.07	1.06	3

Note: Duty Cycle>98%, VBW=10Hz

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 中国国家认证认可监督管理委员会 EN Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



Agilent Spectrum Analyzer - Swept SA	ALIGNAUTO	10:26:56 AM Jan 11. 2024	
Center Freq 2.412000000 GHz	Avg Type: RMS	TRACE 123456	
IFGain:Low Atten: 26 dB			
Ref Offset 1.5 dB 10 dB/div Ref 16.00 dBm	Δι	-62.13 dB	
600	241		
-4.00			
-14.0			
-24.0			
-34.0	201		
-54.0			
-64.0			
-74.0			
Center 2.412000000 GHz Res BW 8 MHz #VBW 8 0 MHz*	Sween 45	Span 0 Hz 3 ms (40000 nts)	
MKR MODE TRC SCL X Y FUNCTION	FUNCTION WIDTH FUNCTIO	VALUE	
1 N 1 t 16.77 ms 7.14 dBm 2 Δ1 1 t (Δ) 12.42 ms (Δ) 3.59 dB			
3 Δ1 1 t (Δ) 12.46 ms (Δ) -62.13 dB			
6			
10			
	071710	×	
IEEE 802.11D_20MH	2_Channel 1		
1201 R T RF 50 Ω AC SENSE:INT	ALIGN AUTO	10:32:35 AM Jan 11, 2024	
Center Freq 2.437000000 GHz PN0: Fast Trig: Free Run	Avg Type: RMS		
IFGain:Low Atten: 36 dB		/kr3 15.54 ms	
10 dB/div Ref 26.00 dBm		-37.83 dB	
16.0	2∆1		
6.00 			
4.00			
-14.0			
-34.0	3∆1		
-44.0			
-54.0			
Contor 2 427000000 CH2		Shop 0 Hz	
Res BW 8 MHz #VBW 8.0 MHz*	Sweep 45.	3 ms (40000 pts)	
MKR MODE TRC SCL X Y FUNCTION 1 N 1 t 15.38 ms 6.67 dBm	FUNCTION WIDTH FUNCTIO	VALUE	
2 Δ1 1 t (Δ) 12.42 ms (Δ) 16.80 dB 3 Δ1 1 t (Δ) 15.54 ms (Δ) 37.83 dB			
9			
		~	
MSG	STATUS		
IEEE 802.11b 20MH	z Channel 6		
Agilent Spectrum Analyzer - Swept SA			
	ALIGNAUTO Avg Type: RMS	10:37:12 AM Jan 11, 2024 TRACE 1 2 3 4 5 6	
PN0: Fast +++ Trig: Free Run IFGain:Low Atten: 34 dB		DET A A A A A	
Ref Offset 1.5 dB	Δ	/kr3 12.56 ms	
10 dB/div Ref 25.00 dBm	A <mark>2A1</mark>	-48.21 dB	
15.0			
5.00			
-15.0			
-25.0	3Δ1		
-35.0			
-45.0			
-65.0			
Center 2 462000000 GHz		Span () Hz	
Res BW 8 MHz #VBW 8.0 MHz*	Sweep 45.	3 ms (40000 pts)	
MKR MODE TRC SCL X Y FUNCTION	FUNCTION WIDTH FUNCTIO	I VALUE	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
48.21 db 4 5			
11		× .	
11 MSG	STATUS	>	



2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 Accreditation Administration of the People's Republic of China : http://yz.cnca.cn





2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



Fax: (86)755-27521011 Http://www.sz-ctc.org.cn For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn





2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



Fax: (86)755-27521011 Http://www.sz-ctc.org.cn For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn





2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



Fax: (86)755-27521011 Http://www.sz-ctc.org.cn For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : http://yz.cnca.cn



3.9. Antenna Requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203

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 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.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i)

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result

The directional gain of the antenna is less than 6dBi, please refer to the EUT internal photographs antenna photo.

CTC Laboratories, Inc. 2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 中国国家认证认可监督管理委员会 中国国家认证认可监督管理委员会