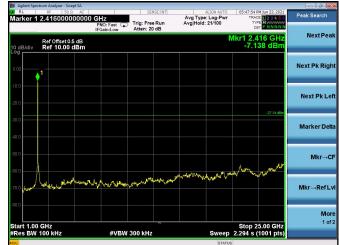


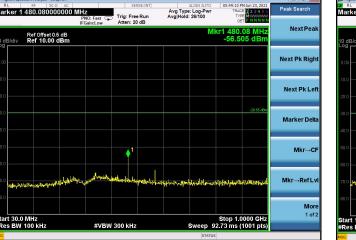
802.11n40

Agilent Spectrum Analyzer - Swept SA SENSE: IN VM RL RF 50 g. AC SENSE: IN Marker 1.480.080000000 MHz Trig: Free Run Area: 20 dB Trig: Free Run Area: 20 dB 05:48:05 PM Jun 23, 20 TRACE 1 2 3 4 5 Avg Type: Log-Pwr Avg|Hold: 30/100 Peak Searc NextP 1 480.08 N -56 899 d Ref Offset 0.5 dB Ref 10.00 dBm Next Pk Righ Next Pk Let Marker Del Mkr→CF Mkr→RefLv More 1 of 2 t 30.0 MHz s BW 100 kHz Stop 1.0000 GI 92.73 ms (1001 pt #VBW 300 kHz

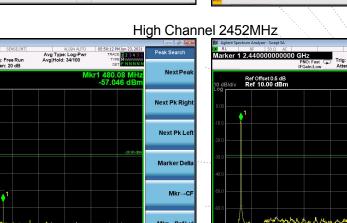
Low Channel 2422MHz



Middle Channel 2437MHz







				rum Analyzer - Swept SA	
Peak Search	05:49:56 PM Jun 23, 2021 TRACE 1 2 3 4 5 6 TYPE M 4444	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 9/100	SENSE:INT	RF 50 Ω AC 2.4400000000000 GHz	Marker 1
NextPea	Ikr1 2.440 GHz -8.896 dBm		Atten: 20 dB	PNO: Fast IFGain:Low Ref Offset 0.5 dB Ref 10.00 dBm	10 dB/div
Next Pk Righ				1	0.00
Next Pk Le					-10.0
Marker Delt	-28.90 dBm				-30.0
Mkr→C	Ang he workson				-50.0
Mkr→RefLv		with which and the stand of the	and the second and a second	www.www.www.www.www.www.www.	-70.0 jacoff
Mor 1 of	Stop 25.00 GHz 2.294 s (1001 pts)	Sweep	300 kHz		Start 1.00
		STATUS			ISG





13. DUTY CYCLE OF TEST SIGNAL

13.1 Standard requirement

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

13.2 Formula

Duty Cycle = Ton / (Ton+Toff)

13.3 Test procedure

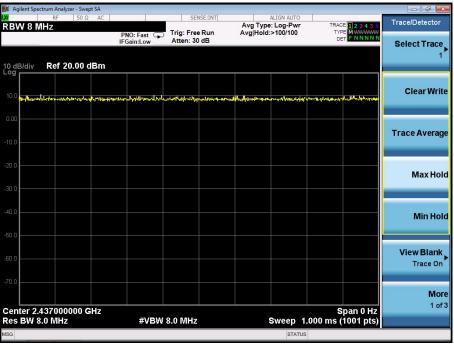
- 1.Set span = Zero
- 2. RBW = 8MHz
- 3. VBW = 8MHz,
- 4. Detector = Peak

13.4 Test Result

	Duty Cycle	Duty Fator
		(dB)
802.11b	1	0
802.11g	1	0
802.11n(HT20)	1	0
802.11n(HT40)	1	0

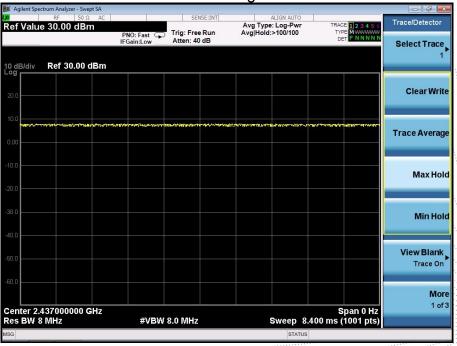




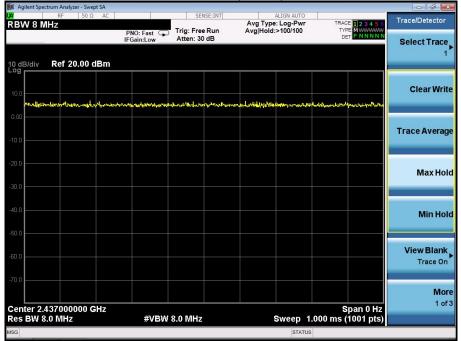


802.11b

802.11g

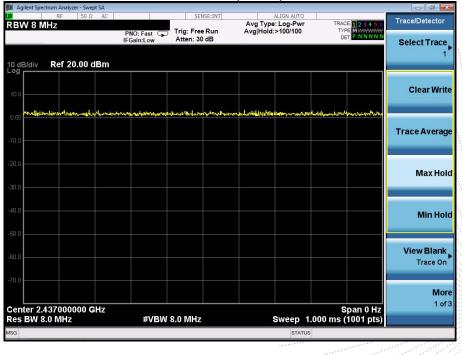






802.11n(HT20)

802.11n(HT40)





14. ANTENNA REQUIREMENT

14.1 Limit

15.203 requirement: For intentional device, according to 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.

14.2 Test Result

The EUT antenna is FPCB antenna, fulfill the requirement of this section.



15. EUT PHOTOGRAPHS

EUT Photo 1





No.: BCTC/RF-EMC-005

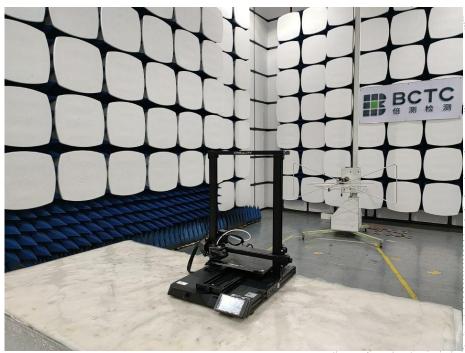
Page: 67 of 70



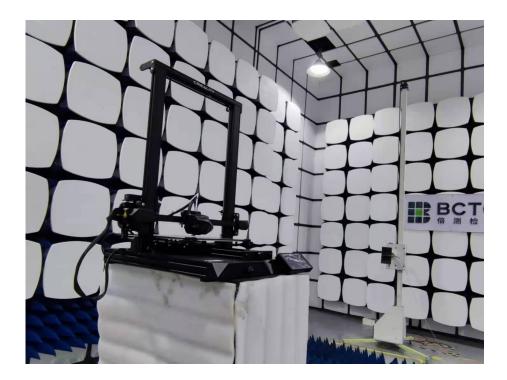
Conducted emissions



Radiated Measurement Photos







Page: 69 of 70



STATEMENT

1. The equipment lists are traceable to the national reference standards.

2. The test report can not be partially copied unless prior written approval is issued from our lab.

3. The test report is invalid without stamp of laboratory.

4. The test report is invalid without signature of person(s) testing and authorizing.

5. The test process and test result is only related to the Unit Under Test.

6. The quality system of our laboratory is in accordance with ISO/IEC17025.

7.If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Tangwei, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website : http://www.chnbctc.com

E-Mail : <u>bctc@bctc-lab.com.cn</u>

***** END *****

No. : BCTC/RF-EMC-005

Page: 70 of 70