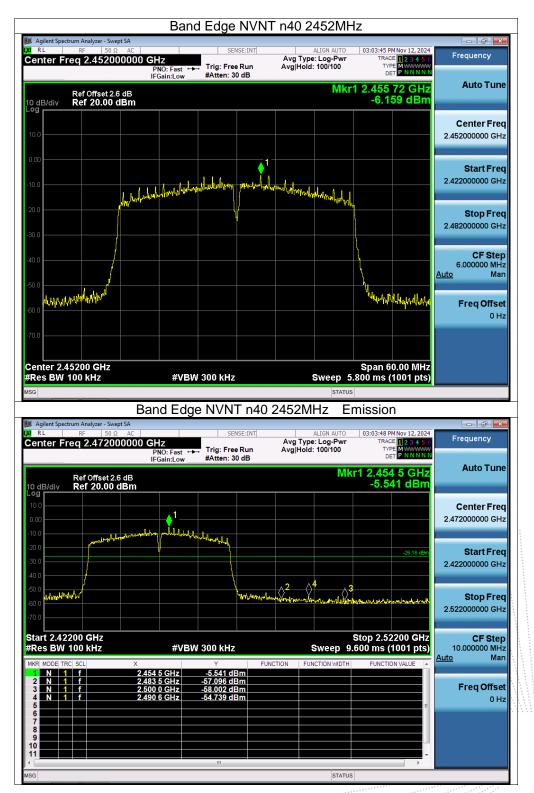


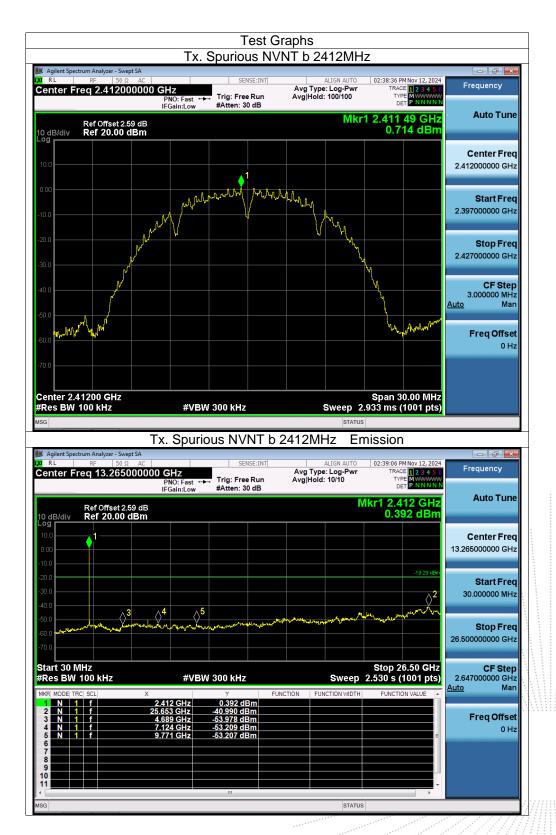
еро

Edition : B.2





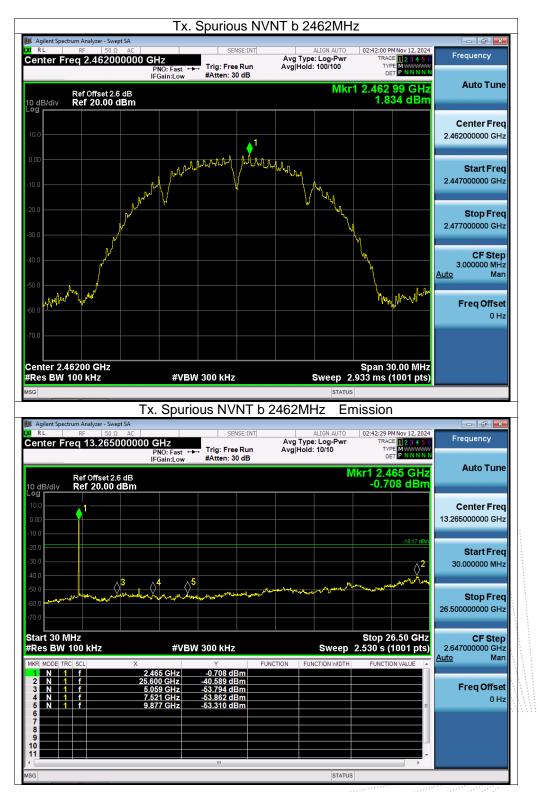








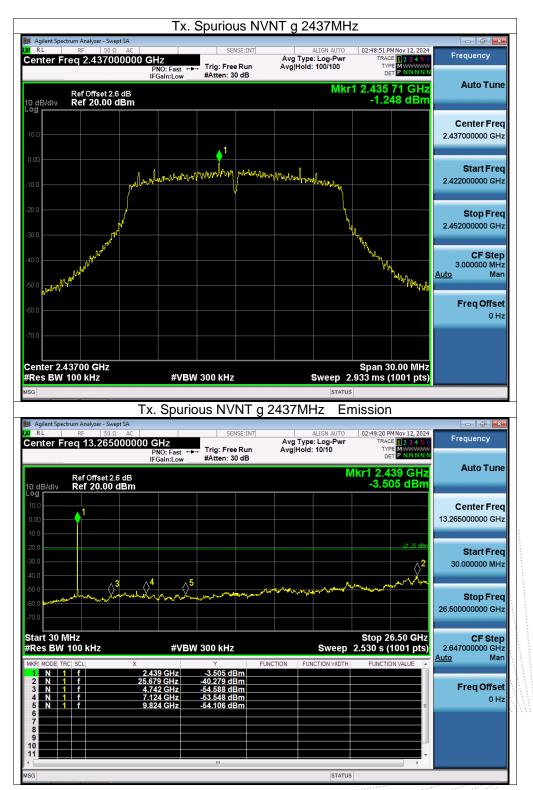








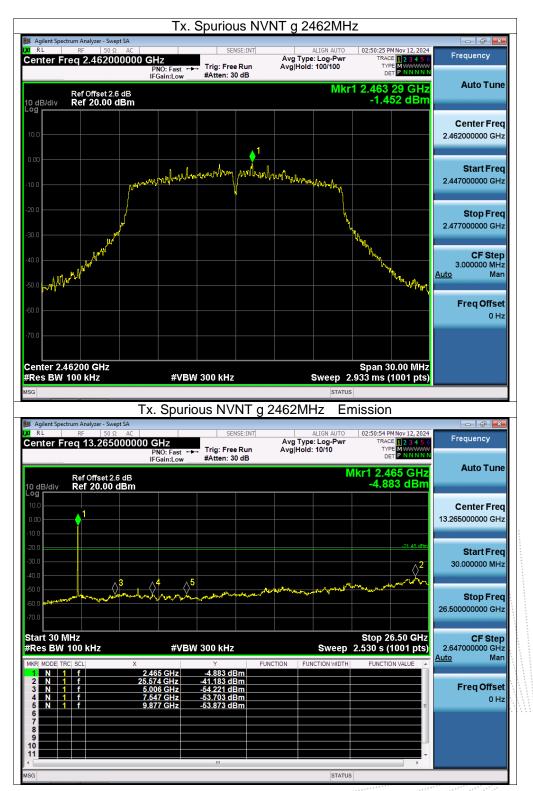




epor

Edition: B.2

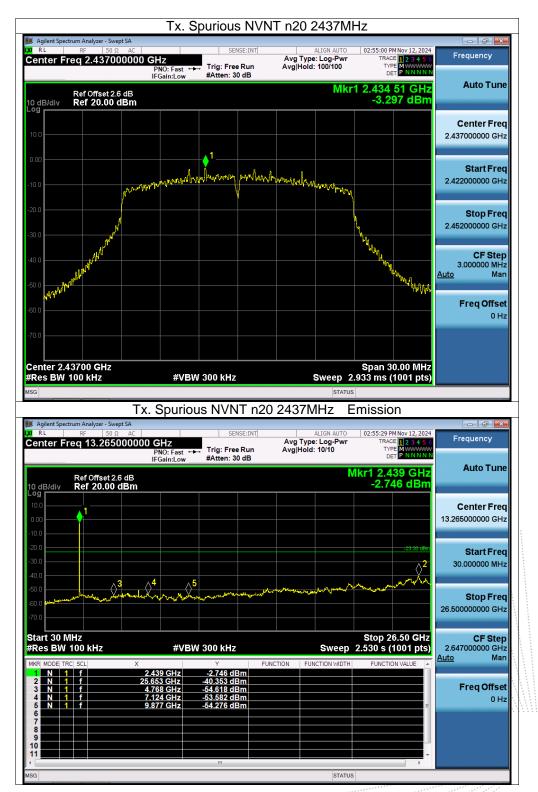
















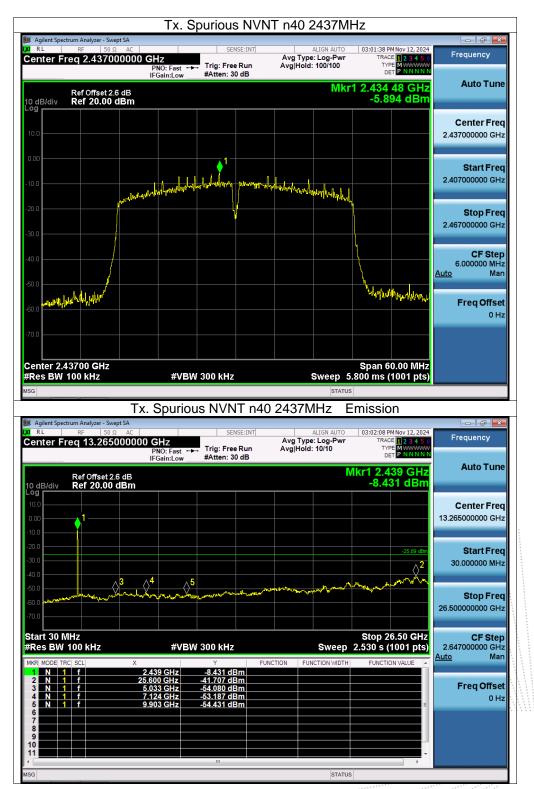
CHENZHE





E

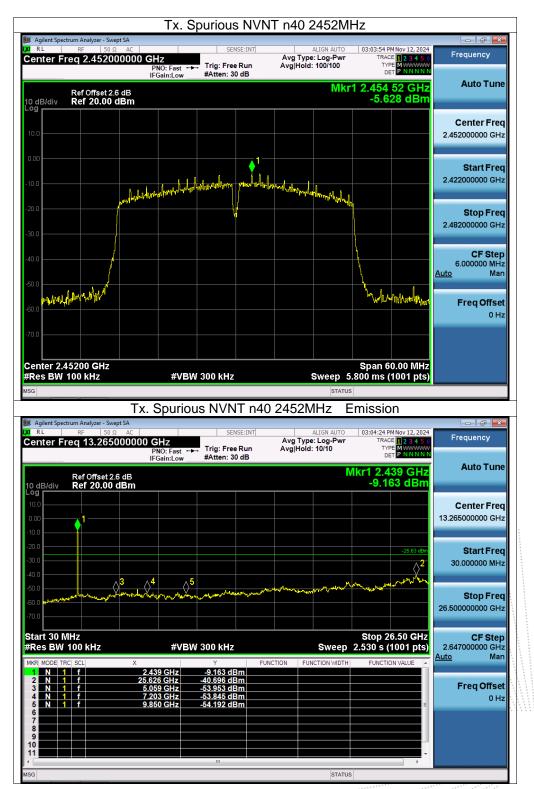




epor

Edition : B.2







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

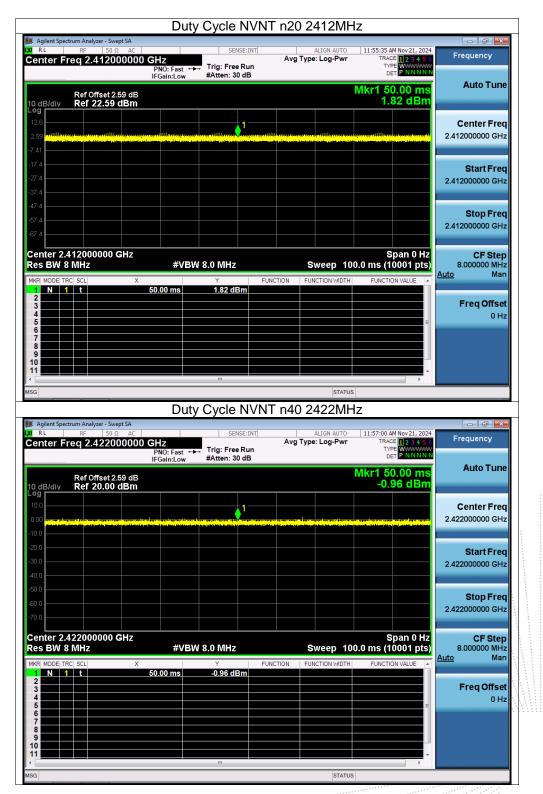
Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
b	2412	100	0
g	2412	100	0
n20	2412	100	0
n40	2422	100	0





	Dut	Test G y Cycle NVN	raphs NT b 2412MHz	2	
I Agilent Spectrum Analyzer - Swept SA RL RF S0Ω AC Center Freq 2.412000000		SENSE:INT Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr	11:52:22 AM Nov 21, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW DET P N N N N	Frequency
Ref Offset 2.59 dB 10 dB/div Ref 22.59 dBm				Mkr1 50.00 ms 3.02 dBm	Auto Tun
Log 12.6 2.59		1			Center Fre 2.412000000 G⊢
-7.41 -17.4 -27.4 -37.4					Start Fre 2.412000000 GF
-47.4					Stop Fre 2.412000000 GH
Center 2.412000000 GHz Res BW 8 MHz MKR MODE TRC SCL X	#VBW	8.0 MHz Y FU	Sweep 10	Span 0 Hz 0.0 ms (10001 pts) FUNCTION VALUE	CF Ste 8.000000 M⊦ <u>Auto</u> Ma
1 N 1 t 2 - - - 3 - - - 4 - - - 5 - - - 6 - - - 7 - - - 8 - - -	50.00 ms	3.02 dBm		E	Freq Offse 0 ⊦
9 10 11 NSG	Dut	" y Cycle NVI	status NT g 2412MHz		
X Agilent Spectrum Analyzer - Swept SA RL RF 50Ω AC Center Freg 2.412000000		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	11:53:50 AM Nov 21, 2024	Frequency
	PNO: Fast +++ IFGain:Low	Trig: Free Run #Atten: 30 dB			Auto Tun
Ref Offset 2.59 dB 10 dB/div Ref 22.59 dBm				Mkr1 50.00 ms 2.99 dBm	Auto Tur
12.6 2.59			11		Center Fre 2.412000000 GH
-7.41					
27.4 					
-17.4					2.412000000 G⊦ Stop Fre
-17.4 -27.4 -37.4 -47.4 -57.4 -57.4 -67.4 -67.4 -67.4 -68.8 Center 2.412000000 GHz Res BW 8 MHz	#VBW	8.0 MHz	-	Span 0 Hz 0.0 ms (10001 pts)	2.41200000 GH Stop Fre 2.41200000 GH CF Ste 8.00000 MH
-17.4 -27.4 -37.4 -47.4 -47.4 -57.4 -67.4 -67.4 -67.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.	#VBW		Sweep 10		Start Fre 2.41200000 GH 2.41200000 GH 2.41200000 GH CF Ste 8.000000 MH Auto Ma Freq Offse 0 H
-17.4 -27.4 -37.4 -47.4 -57.4 -57.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -67.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7		Y FU	-	0.0 ms (10001 pts)	2.41200000 G Stop Fr 2.41200000 G CF Sto 8.00000 M <u>Auto</u> M







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 FPC antenna, fulfill the requirement of this section.



15. EUT Photographs

EUT Photo



NOTE: Appendix-Photographs Of EUT Constructional Details.

JC JC PPR

^epoi



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16. EUT Test Setup Photographs

Conducted Emissions Photo



Radiated Measurement Photos









ΞD



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 the "special seal for inspection and testing".

4. The test report is invalid without the signature of the approver.

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

6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.

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

8. If there is any objection to this test 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, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: http://www.chnbctc.com

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

***** END *****

No. : BCTC/RF-EMC-005

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