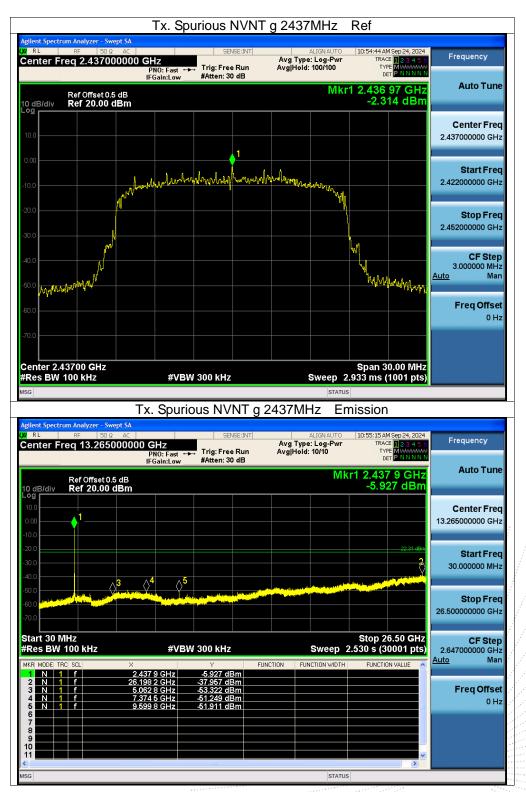


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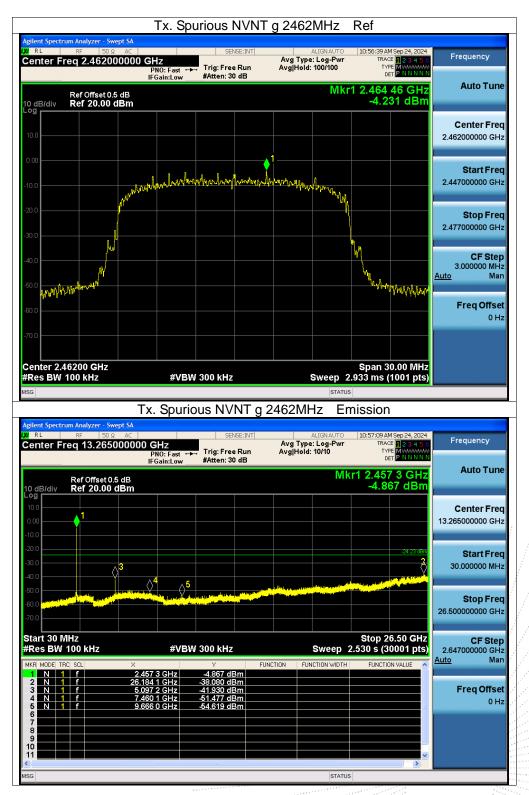






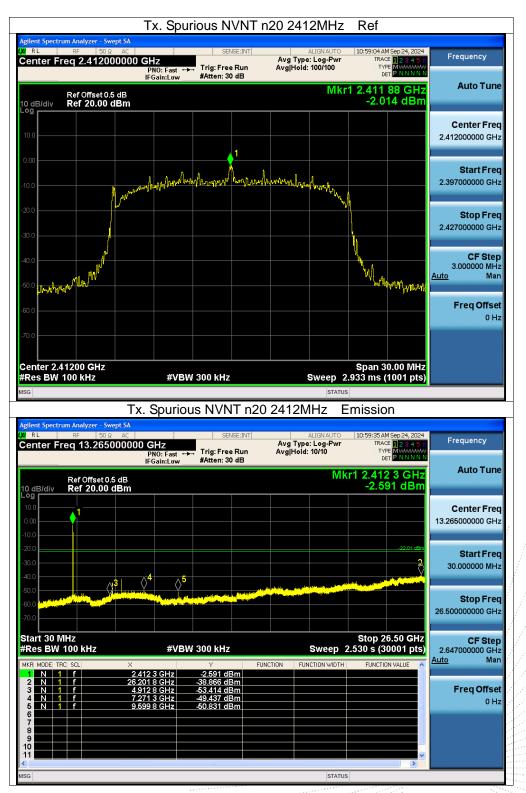




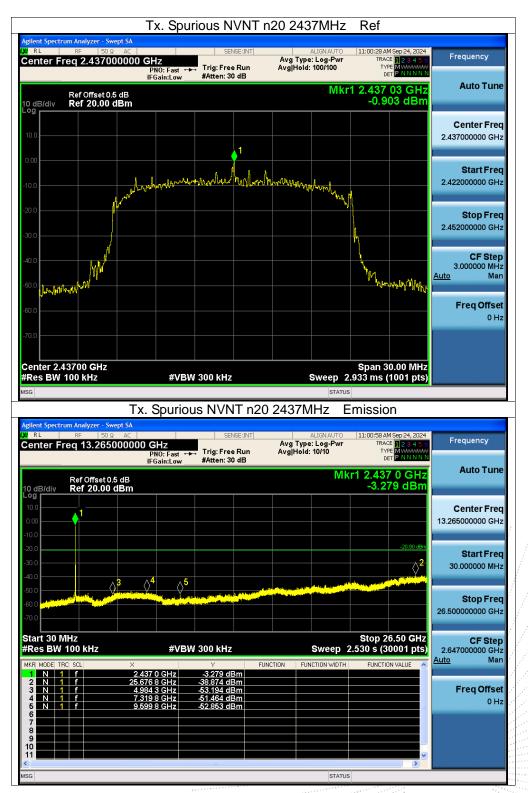


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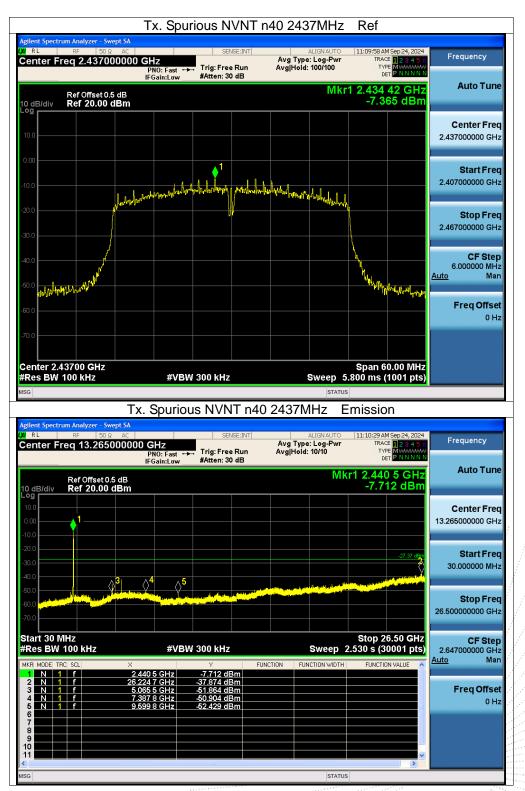














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13. Duty Cycle Of Test Signal

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 = 10MHz
- 2. RBW = 10MHz3. VBW = 10MHz,
- 3. VBW = 10MHZ, 4. Detector = Peak

13.4 Test Result

Test mode	Frequency (MHz)	Duty Cycle(%)	Duty Fator(dB)		
b	2412	100	0		
g	2412	100	0		
n20	2412	100	0		
n40	2422	100	0		



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<mark>gilent Spectrum Analyzer - Swep</mark> RL RF 50 Ω	Dut	Test Gr ty Cycle NVN	aphs T b 2412MHz		
enter Freq 2.412000	AC	SENSE:INT - Trig: Free Run #Atten: 30 dB		11:17:54 AM Sep 24, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 0.5 0 dB/div Ref 20.00 d	dB		N	/kr1 10.00 ms 11.26 dBm	Auto Tun
		• 1			Center Fre 2.412000000 G⊦
20.0					Start Fre 2.412000000 G⊦
50.0					Stop Fre 2.412000000 G⊢
Center 2.412000000 GH Res BW 8 MHz MKR MODE TRC SCL	#VBW		Sweep 20.0	Span 0 Hz 10 ms (10001 pts) FUNCTION VALUE	CF Ste 8.000000 MH <u>Auto</u> Ma
1 N 1 t 2	10.00 ms	11.26 dBm			Freq Offso 0 H
sg gilent Spectrum Analyzer - Swep RL RF 50 @ center Freq 2.412000	AC	SENSE:INT	STATUS T g 2412MHz ALIGNAUTO Avg Type: Log-Pwr	11:18:22 AM Sep 24, 2024 TRACE 1 2 3 4 5 6 TYPE WANNAM DET P N N N N N	Frequency
Ref Offset 0.5 0 dB/div Ref 20.00 dl	dB		N	/kr1 10.00 ms 8.77 dBm	Auto Tun
og 10.0 <mark>agt og bed hel vel og bed</mark>	n tagi ni ng katan katan Na ta katan kata kata Na ta katan kata		ing statistic sectors i dan bisa bisa bisa bisa bisa bisa bisa bisa	Leen heer been van heerde sin heerd Neen heerde seerde s	Center Fre 2.412000000 G⊦
0.00					Start Fre 2.412000000 G⊦
10.0 20.0 30.0 40.0					Stop Fre
					2.412000000 GH
10.0 20.0 20.0 40.0 50.0	#VBW	/ 8.0 MHz	-	<u> </u>	2.412000000 G⊢ CF Ste 8.000000 M⊢
10.0 20.0 40.0 50.0			Sweep 20.0	0 ms (10001 pts)	2.412000000 G⊢ CF Ste 8.000000 M⊢
100 200 200 200 200 200 200 200 200 200	#VBW	Y FUNC	DT	-	Sweep 20.00 ms (10001 pts)

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	Dut	y Cycle NVI	NT n20 2412MH	z	
Agilent Spectrum Analyzer - Swept SA					
C RL RF 50 Ω AC Center Freq 2.41200000	0 GHz PNO: Fast +	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	11:18:51 AM Sep 24, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWWW DET P N N N N N	Frequency
Ref Offset 0.5 dB	IFGain:Low_	#Atten: 30 dB		Mkr1 10.00 ms	Auto Tune
0 dB/div Ref 20.00 dBm		1		7.08 dBm	
0.00 Probabilitation from a state of the low from the former of the second state of t		realization and the Articles of the	n hy fan i feljen en an an fel fysisk ten fa i fersjen yn en henset fel fan ge an fel	an fanna (f. 1997) yn y fan fan yn	Center Freq 2.412000000 GHz
20.0					Start Eroc
40.0					Start Fred 2.412000000 GHz
50.0 50.0					Stop Fred 2.412000000 GH:
enter 2.412000000 GHz es BW 8 MHz	#\/P\	N 8.0 MHz	Sween 20	Span 0 Hz 00 ms (10001 pts)	CF Step
KR MODE TRC SCL ×			FUNCTION FUNCTION WIDTH	FUNCTION VALUE	8.000000 MH <u>Auto</u> Mar
1 N 1 t 2	10.00 ms	7.08 dBm			_
3					Freq Offse 0 H:
5				3	
7					
0					
		111		×	
G			STATUS		
	Dut	y Cycle NVI	VT n40 2422MH	Z	
RL RF 50 Ω AC		SENSE:INT	ALIGN AUTO	11:19:49 AM Sep 24, 2024	
enter Freq 2.42200000		Teles Free Deer	Avg Type: Log-Pwr	TRACE 123456 TYPE WWWWWW DET PNNNN	Frequency
Ref Offset 0.5 dB 0 dB/div Ref 20.00 dBm				Mkr1 10.00 ms 6.29 dBm	Auto Tune
				a by Jayar I farm y Jahran ("New Jean a Jay 1 y Janua)	Center Free
0.00	a na mana ana amin' ana ana amin' ana amin' a Amin' amin' amin	the Public Star Man Hardiston of South Street and St	and the set of the difference of the set of	in dependent of a data did generation, on a data to be	2.422000000 GH
0.0					
20.0					Start Free
40.0					2.422000000 GH:
50.0					
60.0					Stop Free 2.422000000 GH:
70.0					2.422000000 GH.
enter 2.422000000 GHz				Span 0 Hz	CF Ster
es BW 8 MHz	#VB	W 8.0 MHz	Sweep 20	00 ms (10001 pts)	8.000000 MH
KR MODE TRC SCL ×	10.00 ms	∀ 6.29 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar
2 2		0.29 0011			Freq Offse 0 H:
8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9				~	
G			STATUS		





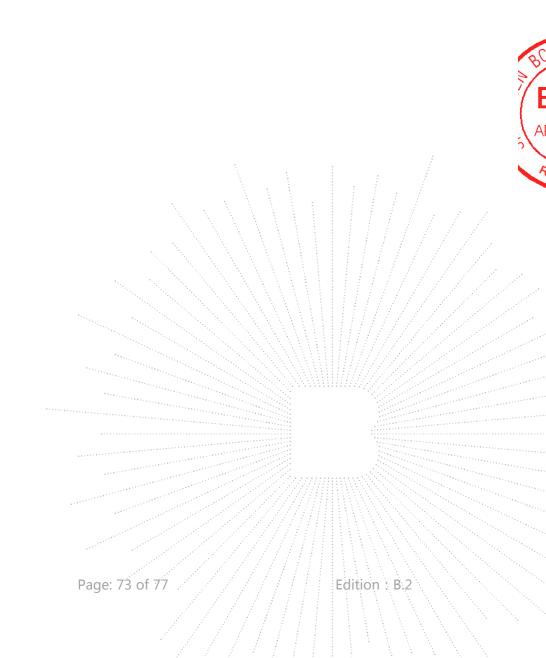
14. Antenna Requirement

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.

14.1 Test Result

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





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15. EUT Photographs

EUT Photo



NOTE: Appendix-Photographs Of EUT Constructional Details



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16. EUT Test Setup Photographs

Conducted emissions



Radiated Measurement Photos



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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

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***** END *****

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