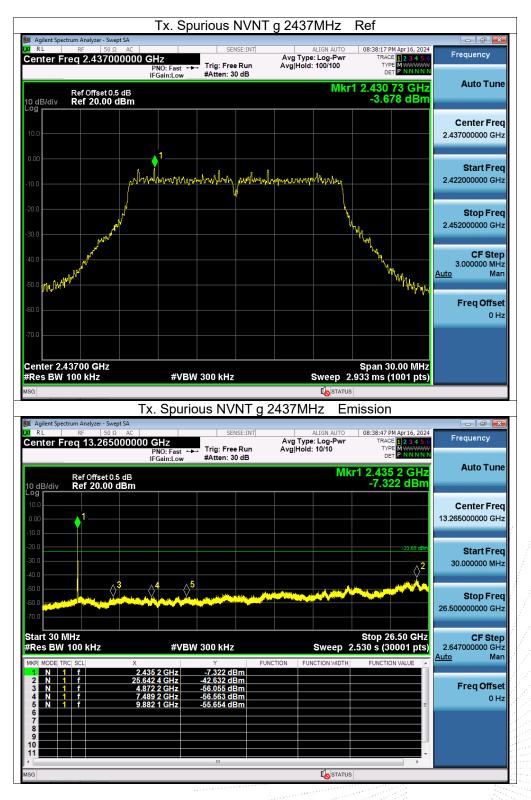


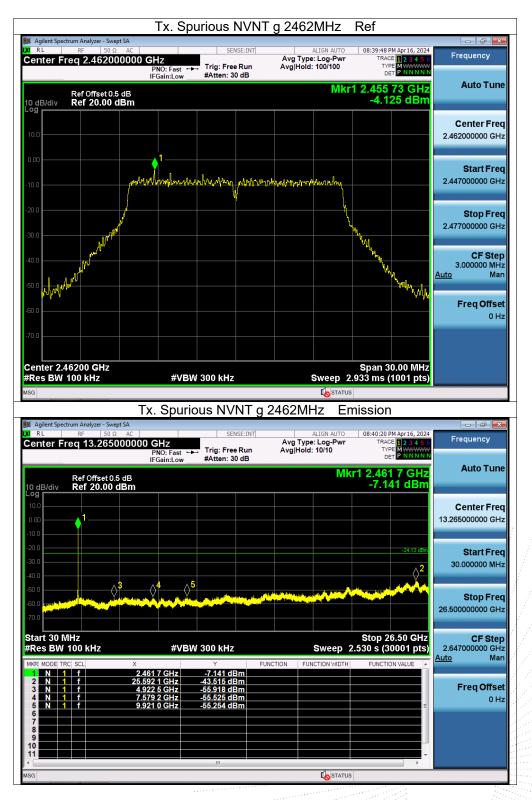


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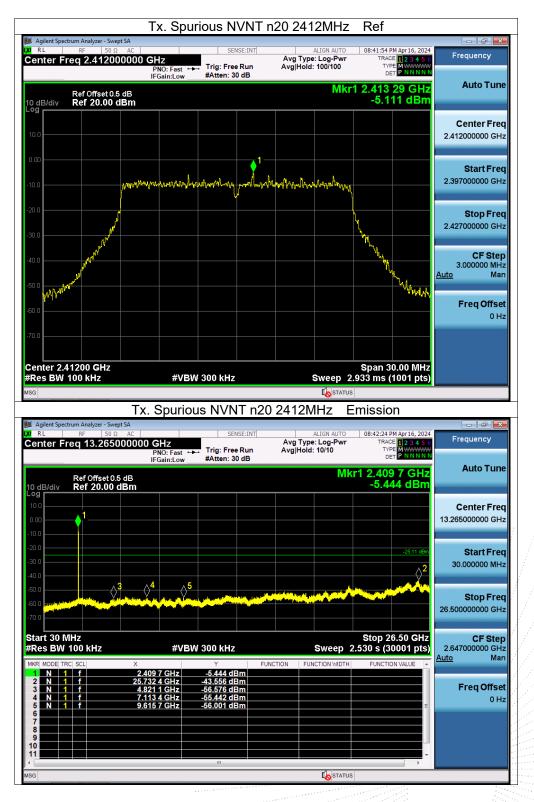




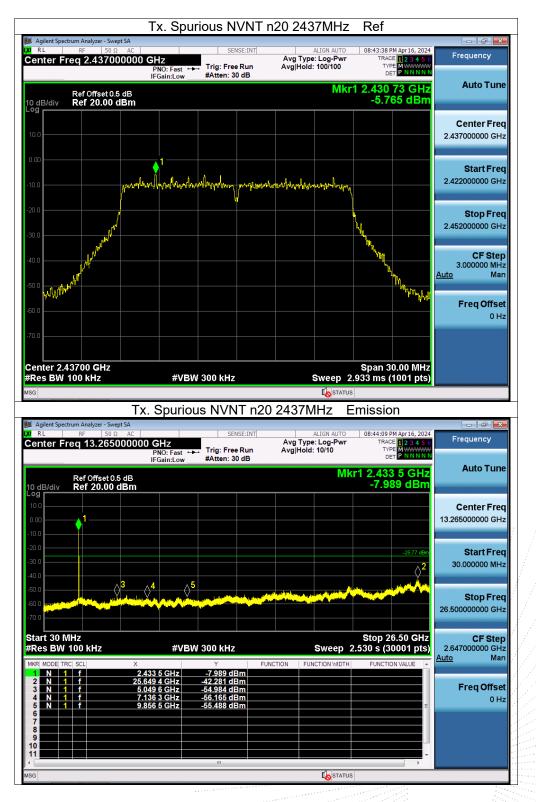


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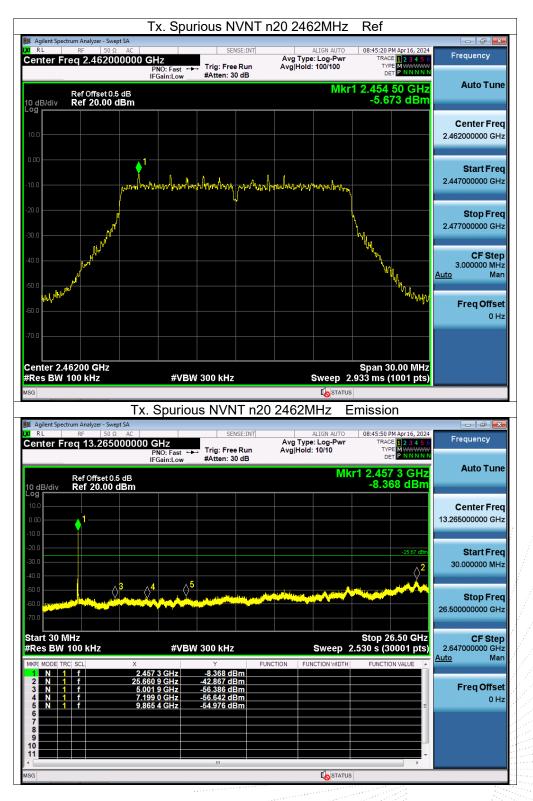




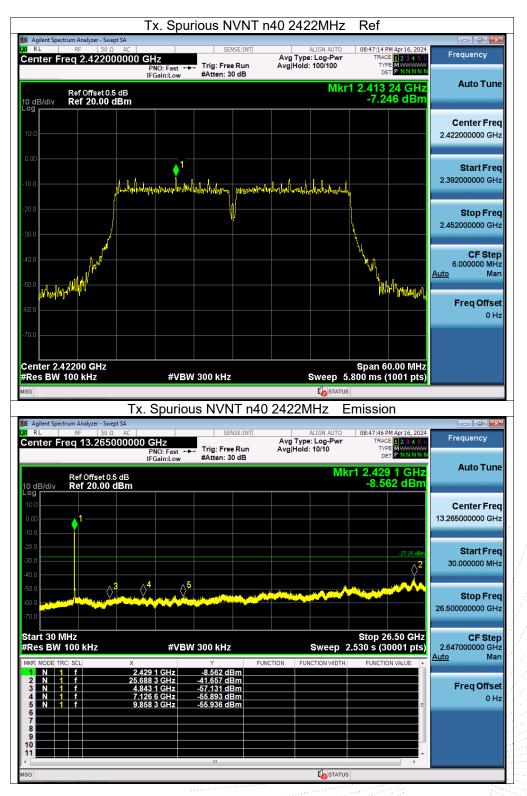








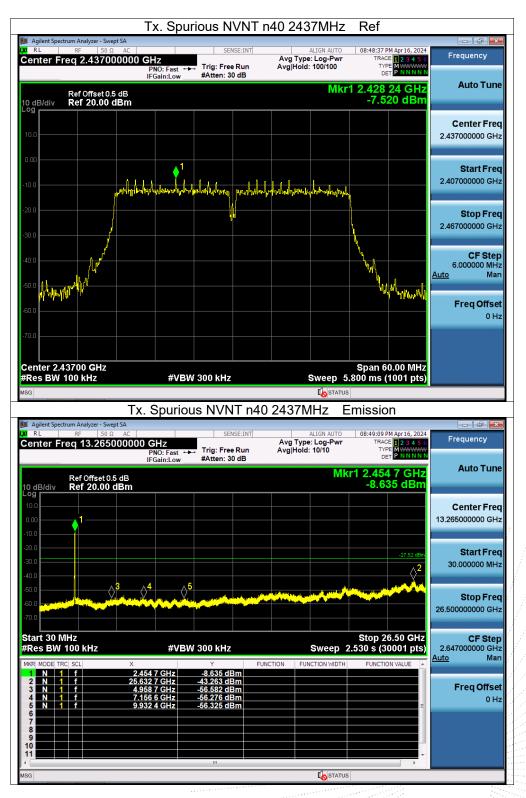




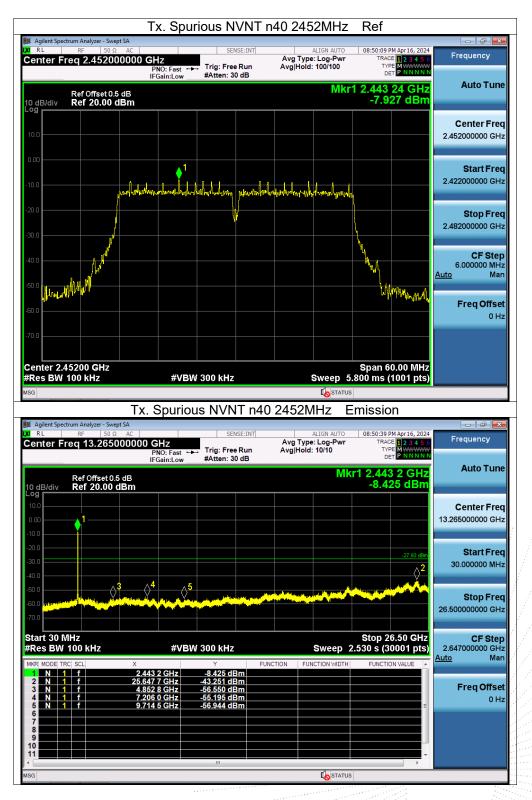














13. Duty Cycle Of Test Signal

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
- 3. VBW = 10MHz,
- 4. Detector = Peak

13.4 Test Result

Test mode	Frequency (MHz)	Duty Cycle(%)	Duty Fator(dB)
	2412	100	0
802.11b	2437	100	0
	2462	100	0
	2412	100	0
802.11g	2437	100	0
	2462	100	0
	2412	100	0
802.11n(HT20)	2437	100	0
	2462	100	0
	2422	100	0
802.11n(HT40)	2437	100	0
	2452	100	0





	Du	Test G ty Cycle NVN	raphs NT b 2412MHz		
Agilent Spectrum Analyzer - Swept SA					
₩ RL RF 50 Ω AC Center Freq 2.412000000	PNO: Fast 🕶	Trig: Free Run	ALIGN AUTO Avg Type: Log-Pwr	08:53:54 PM Apr 16, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N N	Frequency
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10.0		1			Center Free
-10.0					2.412000000 GH
-20.0					Start Free 2.412000000 GH
-40.0					2.41200000 311
-60.0					Stop Fre 2.412000000 GH
Center 2.412000000 GHz Res BW 8 MHz	#VBV	/ 8.0 MHz	Sweep 20	Span 0 Hz .00 ms (10001 pts)	CF Ste 8.000000 MH
MKR MODE TRC SCL X	10.00 ms	Y FU 10.59 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
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4 5 6				E	0 Н
7 8					
9					
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	Du	ty Cycle NVI	tossatus NT b 2437MHz		
Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC			NT b 2437MHz	08:54:16 PM Apr16, 2024	
	GHz PNO: Fast ↔	SENSE:INT	NT b 2437MHz	08:54:16 PM Apr 16, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW	Frequency
RL RF 50 Ω AC Center Freq 2.437000000	GHz	SENSE:INT	NT b 2437MHz	08:54:16 PM Apr 16, 2024 TRACE 2 3 4 5 6 TYPE WWWWWWWW DET PNNNN	Frequency
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RL RF 50.0 AC Center Freq 2.437000000 Ref 0ffset 0.5 dB Ref 0ffset 0.5 dB Ref 20.00 dBm	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 30 dB	NT b 2437MHz	08:54:16 PM Apr16, 2024 TRACE 2 2 3 5 6 TYPE WWWWWW DET P NNNNN MKr1 10.00 ms	Frequency Auto Tun Center Free
RL RF 50 Q AC Center Freq 2.437000000 Ref 0ffset 0.5 dB Ref 0ffset 0.5 dB Ref 20.00 dBm 10 dB/div Ref 20.00 dBm Ref 20.00 dBm Ref 20.00 dBm Ref 20.00 dBm	GHz PNO: Fast ↔	SENSE:INT Trig: Free Run #Atten: 30 dB	NT b 2437MHz	08:54:16 PM Apr16, 2024 TRACE 2 2 3 5 6 TYPE WWWWWW DET P NNNNN MKr1 10.00 ms	Frequency Auto Tun Center Free
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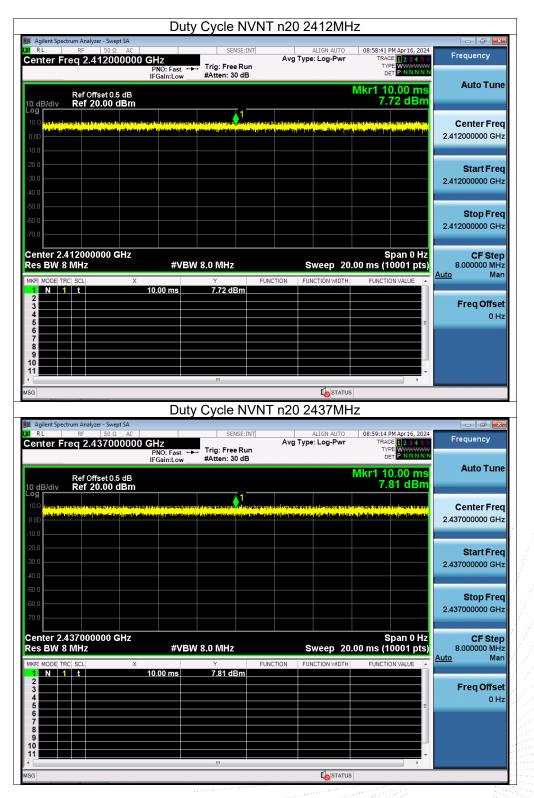
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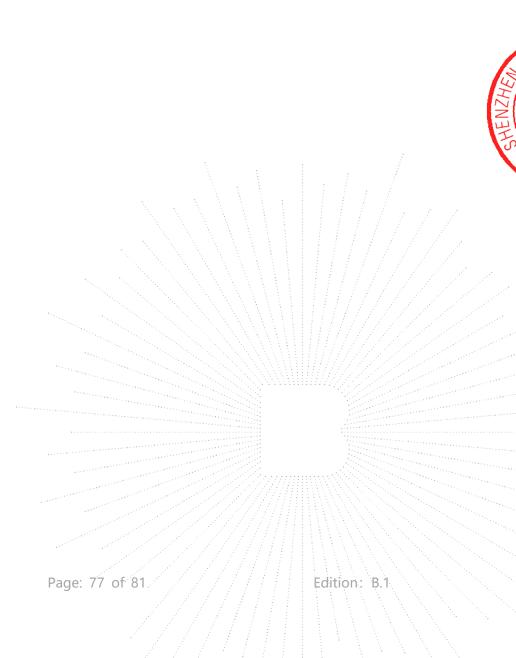
14. Antenna Requirement

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 Internal antenna, fulfill the requirement of this section.





15. EUT Photographs

EUT Photo



NOTE: Appendix-Photographs Of EUT Constructional Details



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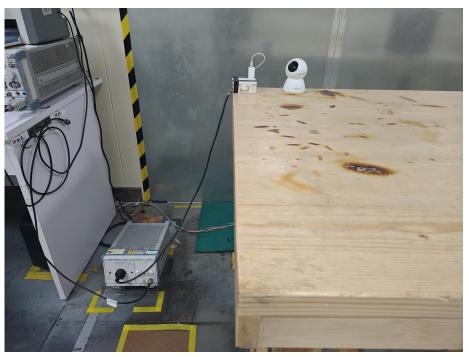
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16. EUT Test Setup Photographs

Conducted emissions





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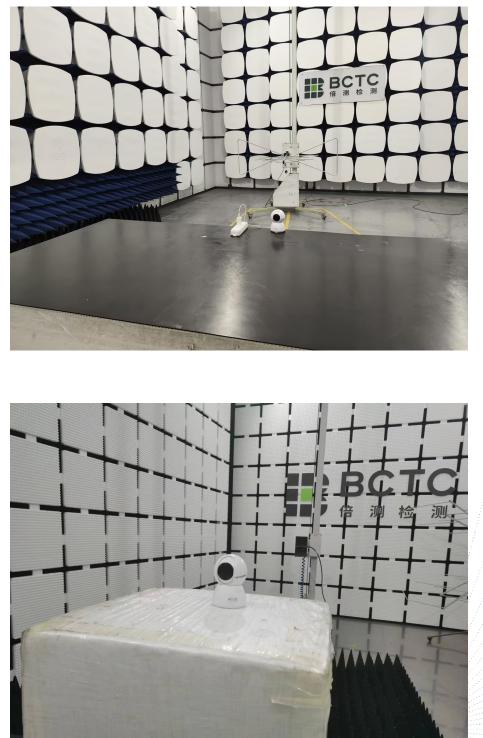
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Radiated Measurement Photos



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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.

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