













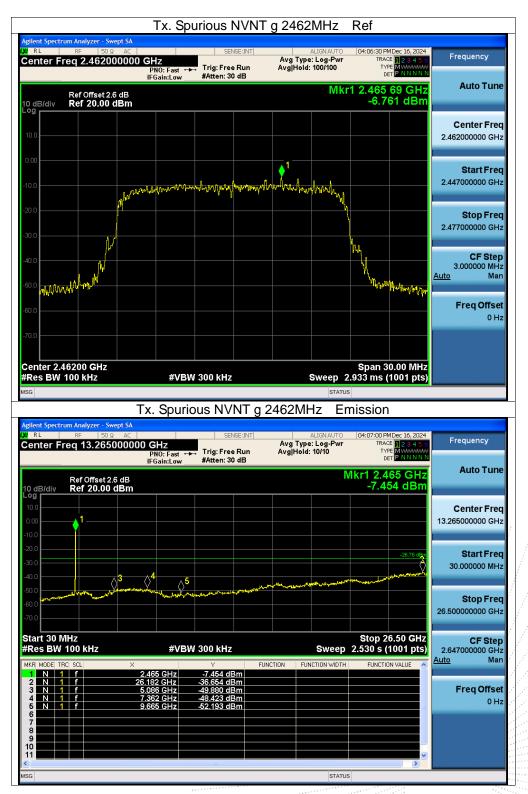


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Edition : B.2

Page: 62 of 77

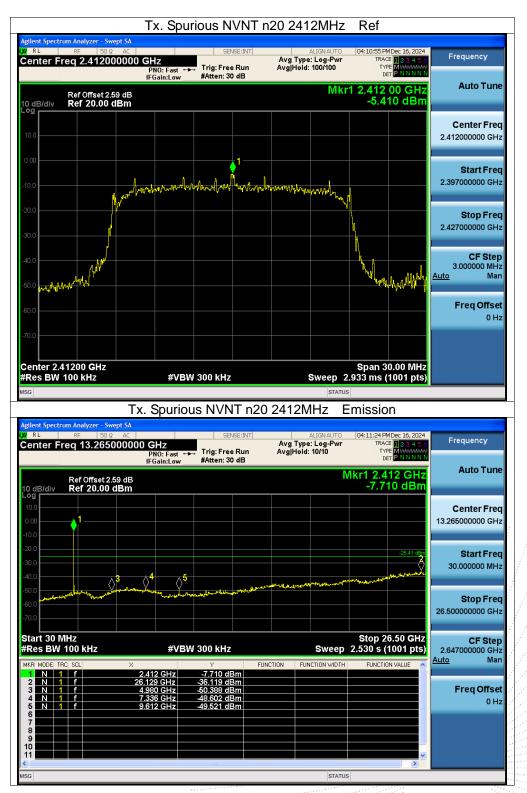






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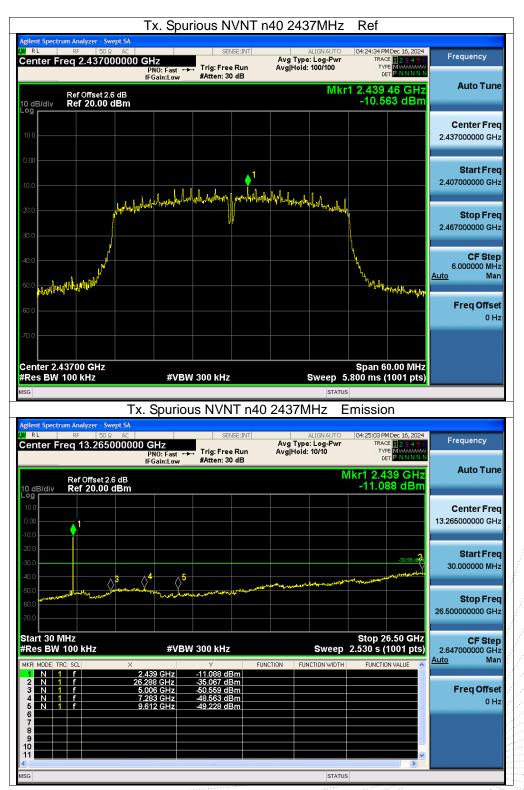
Page: 66 of 77













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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



Page: 70 of 77





	Du	Test G ity Cycle NVN	NT b 2412MHz			
Agilent Spectrum Analyzer - S R RL RF 50 Center Freq 2.412(Ω AC D000000 GHz PN0: Fast ↔	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	04:47:00 PMDec 16, 2024 TRACE 1 2 3 4 5 6 TYPE WAMMAANA DET P N N N N N	Frequency	
Ref Offset	IFGain:Low	#Atten: 30 dB		Mkr1 50.00 ms 11.67 dBm	Auto Tun	
10 dB/div Ref 22.59					Center Fre 2.412000000 GH	
-7.41					Start Fre 2.412000000 GH	
-47.4 -57.4 -67.4					Stop Fre 2.412000000 GH	
Center 2.412000000 Res BW 8 MHz		N 8.0 MHz Y FU	Sweep 100	Span 0 Hz).0 ms (10001 pts) FUNCTION VALUE	CF Ste j 8.000000 MH <u>Auto</u> Ma	
1 N 1 t 2 3 4 5 6 9	50.00 ms	11.67 dBm			Freq Offse 0 H	
7 8 9 10 11						
<				×		
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isg Agilent Spectrum Analyzer - S	Swept SA		NT g 2412MHz			
sg igilent Spectrum Analyzer - S RL RF 50	Swept SA Ω AC D000000 GHz PN0: Fast ↔	SENSE:INT		04:45:59 PM.Dec 16, 2024 TRACE 2 3 4 5 6 TYPE WINNING OFF WINNING	Frequency	
Agilent Spectrum Analyzer - S R RL RF 50 Center Freq 2.412(Ref Offset: 10 dB/div Ref 22.55	wept SA Ω AC D000000 GHz PN0: Fast ↔ IFGain:Low 2.59 dB	SENSE:INT	NT g 2412MHz Alignauto Avg Type: Log-Pwr	04:45:59 PMDec 16, 2024	Frequency Auto Tun	
Agilent Spectrum Analyzer - S R RL RF 50 Center Freq 2.412(Ref Offset: 10 dB/div Ref 22.55 12 c	wept SA Ω AC D000000 GHz PN0: Fast ↔ IFGain:Low 2.59 dB	SENSE:INT Trig: Free Run #Atten: 30 dB	NT g 2412MHz Alignauto Avg Type: Log-Pwr	04:45:59 PMDec 16, 2024 TRACE 12:3 4 5 6 TYPE WWWWWWW DET P NNNN VKr1 50.00 ms		
Agilent Spectrum Analyzer - S X RL RF 50 Center Freq 2.412 Center Freq 2.412 Ref Offset: Cog 12.6 2.59 12.6 2.59	wept SA 10 AC PNO: Fast → IFGain:Low 2.59 dB 0 dBm	SENSE:INT Trig: Free Run #Atten: 30 dB	NT g 2412MHz	04:45:59 PMDec 16, 2024 TRACE 12 3 4 5 6 TYPE WARKANN DET P NNNNN Mkr1 50.00 ms 7.75 dBm	Auto Tun Center Fre	
Ref Offset 12 dB/div Ref 259 12 dB/div Ref 259 7.41	wept SA 10 AC PNO: Fast → IFGain:Low 2.59 dB 0 dBm	SENSE:INT Trig: Free Run #Atten: 30 dB	NT g 2412MHz	04:45:59 PMDec 16, 2024 TRACE 12 3 4 5 6 TYPE WARKANN DET P NNNNN Mkr1 50.00 ms 7.75 dBm	Auto Tun Center Fre 2.41200000 GH Start Fre	
Ref Offset: Ref Off	weet SA IQ. AC PRO: Fast → IFGain:Low 22.59 dB 2 dBm N/04 And Annual Market And Annual N/04 And Annual Market Annual N/04 And Annual Market Annual N/04 Annual	SENSE:INT Trig: Free Run #Atten: 30 dB	NT g 2412MHz	04:45:59 PM Dec 16, 2024 TRACE 12, 24, 5 TYPE 12, 24, 5 NAME OF 12, 2024 NAME OF 10, 2024 Span 0 Hz 0,0 ms (10001 pts)	Auto Tun Center Fre 2.41200000 GH Start Fre 2.41200000 GH Stop Fre 2.41200000 GH CF Ste 8.00000 MH	
ISG Nglient Spectrum Analyzer - S Ref Offset: Center Freq 2.4120 Center Freq 2.4120 10 dB/div Ref Offset: 10 dB/div Ref Offset: 10 dB/div Ref Offset: 12.6 2.7 2.7 2.7 2.7 2.7 2.7 <th colsp<="" td=""><td>wept SA 10 AC DOUBDOU GHz IFGain:Low 2.59 dB 3 dBm N d/ felds with the state of the feddle 1 A feddle with the state of the state of the feddle 1 A fedd</td><td>SENSE:INT Trig: Free Run #Atten: 30 dB</td><td>NT g 2412MHz</td><td>04:45:59 PMDec 16, 2024 TRACE 23 4 5 G TYPE WWWWWWW CET P NN NN N Mkr1 50.00 ms 7.75 dBm</td><td>Auto Tun Center Fre 2.41200000 GH Start Fre 2.412000000 GH Stop Fre 2.412000000 GH 8.000000 MH <u>Auto</u> Ma Freq Offse</td></th>	<td>wept SA 10 AC DOUBDOU GHz IFGain:Low 2.59 dB 3 dBm N d/ felds with the state of the feddle 1 A feddle with the state of the state of the feddle 1 A fedd</td> <td>SENSE:INT Trig: Free Run #Atten: 30 dB</td> <td>NT g 2412MHz</td> <td>04:45:59 PMDec 16, 2024 TRACE 23 4 5 G TYPE WWWWWWW CET P NN NN N Mkr1 50.00 ms 7.75 dBm</td> <td>Auto Tun Center Fre 2.41200000 GH Start Fre 2.412000000 GH Stop Fre 2.412000000 GH 8.000000 MH <u>Auto</u> Ma Freq Offse</td>	wept SA 10 AC DOUBDOU GHz IFGain:Low 2.59 dB 3 dBm N d/ felds with the state of the feddle 1 A feddle with the state of the state of the feddle 1 A fedd	SENSE:INT Trig: Free Run #Atten: 30 dB	NT g 2412MHz	04:45:59 PMDec 16, 2024 TRACE 23 4 5 G TYPE WWWWWWW CET P NN NN N Mkr1 50.00 ms 7.75 dBm	Auto Tun Center Fre 2.41200000 GH Start Fre 2.412000000 GH Stop Fre 2.412000000 GH 8.000000 MH <u>Auto</u> Ma Freq Offse
Agilent Spectrum Analyzer - S X RL RE 50 Center Freq 2.4120 Center Freq 2.4120 10 dB/div Ref Offset: 2.69 12.6 2.69 12.6 	weet SA 12 AC DOUDOO GHZ IFGain:Low IFGain:Low 2.59 dB 0 dBm Not Letter with the the second 0 dBm Not Letter with the second 0 dBm Not Letter with the second 0 dBm Not Letter with the second 0 dBm 1	SENSE:INT Trig: Free Run #Atten: 30 dB 1 1 1 1 1 1 1 1 1 1 1 1 1	NT g 2412MHz	04:45:59 PM Dec 16, 2024 TRACE 12, 24, 5 TYPE 12, 24, 5 NAME OF 12, 2024 NAME OF 10, 2024 Span 0 Hz 0,0 ms (10001 pts)	Auto Tun Center Fre 2.41200000 GH Start Fre 2.41200000 GH Stop Fre 2.41200000 GH	

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		uty Cycle NVN		<u> </u>	
ilent Spectrum Analyze RL RF enter Freq 2.41	50 Ω AC	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	04:45:23 PM Dec 16, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
dBidiy Ref 22	IFGain:Lov set 2.59 dB 2.59 dBm	v #Atten: 30 dB		Mkr1 50.00 ms 5.50 dBm	Auto Tune
2.6 .59	na y letta tra (na 11 ana y 14 y letta) in y letta prova y a Na y letta da kana y 14 y letta da kana y letta da kana ya		, may plant your picking (and picking) and post post post post of an a compilation of the second state.	n g ha ga far tan na a g an g g a na g a ha g a ang a ga a sa dha ga Na g ha sa dha a dha g a ga an	Center Freq 2.412000000 GHz
7.4					Start Free 2.412000000 GHz
7.4					Stop Fred 2.412000000 GHz
enter 2.4120000 es BW 8 MHz		/BW 8.0 MHz	Sweep 100	Span 0 Hz).0 ms (10001 pts)	CF Step 8.000000 MHz
KR MODE TRC SCL 1 N 1 t 2	× 50.00 ms	Y FUI 5.50 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man Freq Offset
5 6 7 3 9				E	0 Hz
3		III	STATUS	<u> </u>	
3	D	uty Cycle NVN ⁻	status T n40 2422MH		
lent Spectrum Analyze RL RF	r - Swept SA 50 Ω AC 22000000 GHz			Z 04:29:02 PMDec 16, 2024 TRACE 02:34 5 6	Frequency
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Ient Spectrum Analyze RL RF enter Freq 2.42 dB/div Ref Offs dB/div Ref 200 10 10 10 10 10 10 10 10 10 10 10 10 1	r - Swept SA S0 Q AC 22000000 GHz PNC: Fast IFGain:Lov set 2.59 dB .00 dBm	SENSE:INT Trig: Free Run #Atten: 30 dB	T n40 2422MH	Z 04:29:02 PMDec 16, 2024 TRACE 02:34 5 6 TYPE WANNAN Der P.N.N.N.N Mkr1 50.00 ms 4.65 dBm	Auto Tune Center Frec 2.42200000 GHz Start Frec
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Ient Spectrum Analyze Ref Offs dB/div Ref 20 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	r - Swept SA 90 0 AC 22000000 GHz PNO: Fast IFGain:Lov set 2.59 dB .00 dBm energy to energy to ener	/BW 8.0 MHz	T n40 2422MH Avg Type: Log-Pwr	Z [04:29:02 PMDec 16, 2024 TRACE [] 2 4 5 6 TYPE [] 2 4 5 6 OF P NNNNN Mkr1 50.00 ms 4.65 dBm 10000 ms 5 pan 0 Hz 0.0 ms (10001 pts)	Auto Tune Center Freq 2.42200000 GHz Start Freq 2.42200000 GHz Stop Freq 2.42200000 GHz CF Step 8.00000 MHz
Rt RF Rt RF enter Freq 2.42 Ref Offs dB/div Ref Offs 00 Ref Offs	r - Swept SA 90 0 AC 22000000 GHz PNO: Fast IFGain:Lov set 2.59 dB .00 dBm energy to energy to ener	/BW 8.0 MHz		Z 04:29:02 PMDec 16, 2024 TRACE 02:3 4 5 6 TYPE WWWWWW OF P NUNN N Mkr1 50.00 ms 4.65 dBm	Auto Tune Center Freq 2.42200000 GHz Start Freq 2.42200000 GHz Stop Freq
RL Ref RL Ref enter Freq 2.42 ref Offs Ref Offs reffs Refs	r- Swept SA SO Q AC 22000000 GHz PN0: Fast IFGain:Lov set 2.59 dB 00 dBm 00 GHz #W	SENSE:INT Trig: Free Run #Atten: 30 dB 1 1 1 1 1 1 1 1 1 1 1 1 1	T n40 2422MH Avg Type: Log-Pwr	Z [04:29:02 PMDec 16, 2024 TRACE [] 2 4 5 6 TYPE [] 2 4 5 6 OF P NNNNN Mkr1 50.00 ms 4.65 dBm 10000 ms 5 pan 0 Hz 0.0 ms (10001 pts)	Auto Tune Center Freq 2.422000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.422000000 GHz CF Step 8.000000 MHz Auto Man





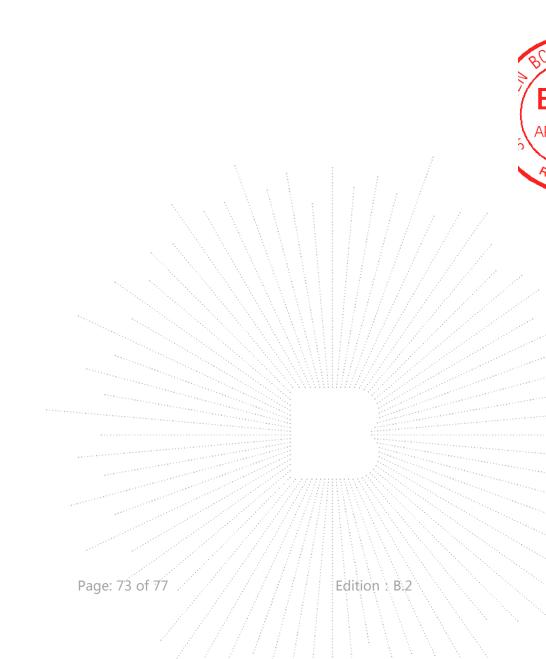
14. Antenna Requirement

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.





15. EUT Photographs

EUT Photo



NOTE: Appendix-Photographs Of EUT Constructional Details





Page: 74 of 77



16. EUT Test Setup Photographs

Conducted emissions



Radiated Measurement Photos



No.: BCTC/RF-EMC-005

Page: 75 of 77

Edition : B.2

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No.: BCTC/RF-EMC-005

Page: 76 of 77



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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***** END ****

No. : BCTC/RF-EMC-005

Page: 77 of 77