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		d Edge NVN	T n40 2452M⊦	lz	
gilent Spectrum Analyzer - Swe RL RF 50 Ω Center Freq 2.45200	AC	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:55:12 PMDec 20, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 2.6 0 dB/div Ref 20.00 d		#Atten: 30 dB	Mkr	1 2.454 52 GHz 7.934 dBm	Auto Tune
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so.o <mark>Wut Inth Abdrift Wilm.</mark>				MALIAN MARKAN	Stop Fred 2.482000000 GH;
					CF Step 6.000000 MH: <u>Auto</u> Mar
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enter 2.45200 GHz Res BW 100 kHz	#VBV	V 300 kHz	Sweep 5	Span 60.00 MHz .800 ms (1001 pts)	
G	Band Edg	e NVNT n40		mission	
gilent Spectrum Analyzer - Swe	pt SA				
enter Freq 2.47200		→ Trig: Free Run #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:55:14 PMDec 20, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
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tart 2.42200 GHz	#VBV	/ 300 kHz		Stop 2.52200 GHz 600 ms (1001 pts) FUNCTION VALUE	CF Step 10.000000 MH: <u>Auto</u> Mar
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-ilant Construint Analysis - Cour		I Edge NVN		12	
gilent Spectrum Analyzer - Swe RL RF 50 Ω Center Freq 2.46200	AC 100000 GHz PN0: Fast ↔	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:11:30 PM Dec 20, 2024 TRACE 12 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
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0 dB/div Ref 20.00 d		1 Andreak provident	Admiller of a second		Center Free 2.462000000 GH:
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20.0 NU/M/WW ^{WM} M////				Malley Mailwavely	Stop Free 2.477000000 GH:
0.0					CF Step 3.000000 MH <u>Auto</u> Mar
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enter 2.46200 GHz Res BW 100 kHz		√ 300 kHz	0	Span 30.00 MHz	
	#VDV	2 300 KHZ	Sweep 2	.933 ms (1001 pts)	
	Band Edge	e NVNT ax20) 2462MHz E	mission	
RL RF 50 Ω	ept SA AC 100000 GHz PN0: Fast ↔	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr AvgHold: 100/100	10:11:33 PMDec 20, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NINN N	Frequency
RL RF 50 Ω enter Freq 2.49700 Ref Offset 2.6	AC AC PN0: Fast IFGain:Low	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:11:33 PM Dec 20, 2024 TRACE 123456 TYPE MWWWWW	
RL RF 50 2 enter Freq 2.49700 Ref Offset 2.6 0 dB/div Ref 20.00 d 9 100 0 00 100 110 100 100 100 100 100 10	AC AC PN0: Fast IFGain:Low	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:11:33 PMDec 20, 2024 TRACE 1 2 3 4 5 6 TYPE MWAAAAAA DET PINNINN N	Auto Tune Center Free
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Ref Offset 2.6 0 dB/div Ref 20.00 d 0 00 0 00	ac AC AC PNO: Fast → IFGain:Low S dB IBm	SENSE:INT Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:11:33 PMDec 20, 2024 TRACE 12:34 95 6 TYPE 12:34 7 TYPE 1	Auto Tune Center Free 2.49700000 GH Start Free 2.447000000 GH
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RL RE 50.2 enter Freq 2.49700 Ref 0ffset2.6 0 dB/div Ref 20.00 d 0 dB/d	PPT SA AC DOUOD GHz PNO: Fast → IFGain:Low S dB IBm #VBW X 2.450 8 GHz 2.453 5 GHz 2.453 6 GHz	SENSE:INT Trig: Free Run #Atten: 30 dB 300 kHz X 300 kHz Y FU 8.218 dBm -32.400 dBm -47.141 dBm	Aug Type: Log-Pwr Avg Type: Log-Pwr Avg Hold: 100/100 Mt	10:11:33PMDec 20, 2024	Auto Tune Center Free 2.497000000 GH: Start Free 2.447000000 GH: Stop Free 2.547000000 GH: CF Step 10.000000 MH



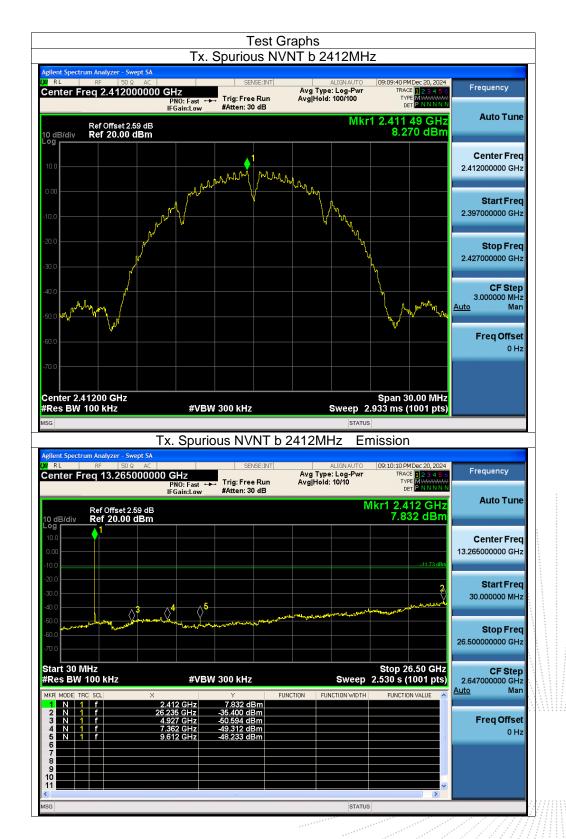
gilent Spectrum Analyzer - Sw		d Edge NVN	T ax40 2422MF	Ηz	
RL RF 503 Center Freq 2.4220	2 AC 00000 GHz PN0: Fast ↔	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	11:00:45 PMDec 20, 2024 TRACE 123456 TYPE MWWWWW DET PNNNNN	Frequency
Ref Offset 2. I0 dB/div Ref 20.00		#Atten: 30 dB	Mkr	1 2.413 24 GHz 4.877 dBm	Auto Tune
- og 10.0	1-				Center Freq 2.422000000 GHz
10.0	ANN YN LLIP AM VY AM ANN MAE'N AM		Alallyn llow gogle af Angled La Awyl		Start Freq 2.392000000 GHz
20.0 30.0				Und day that a law	Stop Fred 2.452000000 GHz
40.0					CF Step 6.000000 MHz <u>Auto</u> Mar
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Center 2.42200 GHz Res BW 100 kHz	#VB\	V 300 kHz	Sweep 5.	Span 60.00 MHz .800 ms (1001 pts)	
SG			STATUS		
	Band Edge	e NVNT ax4	0 2422MHz E	mission	
gilent Spectrum Analyzer - Sv RL RF 50 S Center Freq 2.4020	2 AC	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	11:00:48 PMDec 20, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
Ref Offset 2 0 dB/div Ref 20.00	.59 dB		Mk	r1 2.433 3 GHz 5.196 dBm	Auto Tune
10.0			hafter and she hat the state of	1 	Center Fred 2.402000000 GHz
20.0 30.0 40.0 Automatication	water 1900 100 100 100 100 100 100 100 100 10	ut the state		Hummun	Start Fred 2.352000000 GHz
50.0 60.0 70.0					Stop Fred 2.452000000 GHz
Start 2.35200 GHz #Res BW 100 kHz	#VB\ ×	V 300 kHz		Stop 2.45200 GHz 600 ms (1001 pts)	CF Step 10.000000 MHz Auto Man
MKR MODE TRC SCL		5.196 dBm			Freq Offset
MKR MODE TRC SGL 1 N 1 F 2 N 1 F 3 N 1 F 4 N 1 F 6 6 7 8 9	2.433 3 GHz 2.400 0 GHz 2.400 0 GHz 2.398 5 GHz	-25.049 dBm -25.049 dBm -16.612 dBm			0 Hz



gilent Spectrum A	nalyzer - Swep	ot SA	Bane	d Edge				112			
RL R enter Freq	F 50 Ω	AC 0000 GH	Z I0: Fast ↔	. Trig: Free		Avg Typ Avg Hold	ALIGN AUTO e: Log-Pwr I: 100/100	TR.	PM Dec 20, 202 ACE 12345 YPE MWWWW DET PNNNN	Frequency	
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0.00		hiladapitat	ydgawya Yardyn	loft theme	how la d	Mondulated	whyther	1.1		Start F 2.422000000	
								Willight	W/WW/W	Stop F 2.482000000	
0.0										CF S 6.000000 r <u>Auto</u>	
0.0										Freq Off ('se) H:
enter 2.4520 Res BW 100											
			#VBV	V 300 kHz			Sween 5		60.00 MH		
	KHZ		#VBV	V 300 kHz			Sweep 5	i.800 ms			
	KHZ	Band) 2452N	STATUS	i.800 ms	(1001 pt		
G <mark>jilent Spectrum A</mark> RL R	<mark>nalyzer - Swe</mark> p F 50 Ω	ot SA AC D0000 GH	d Edge		Г ax40) 2452N Avg Typ	STATUS ALIGN AUTO e: Log-Pwr	11:05:56	(1001 pt ON PMDec 20, 204 ACE 12 3 4 4	24 Frequency	
ilent Spectrum A RL R enter Freq	nalyzer - Swep F 50 Ω 2.472000	ot SA AC DOOO GH PN IFG dB	d Edge		T ax40) 2452N	STATUS AHZ E ALIGNAUTO e: Log-Pwr 1: 100/100	5.800 ms 5 Emissio 11:05:56 TR T T	(1001 pt ON PMDec 20, 202 ACE 1 2 3 4 5 YPE MWWWW DET P NN NN 3 3 GH	24 Frequency Auto Tu	une
IG RL RC enter Freq 0 dB/div Rc 9 00	nalyzer - Swep F 50 Ω 2.47200 0	AC OCOUNT OF SA AC OCOUNT OF AC PN IFG dB Bm	d Edge z 10: Fast ain:Low		T ax40) 2452N Avg Typ	STATUS AHZ E ALIGNAUTO e: Log-Pwr 1: 100/100	5.800 ms 5 Emissio 11:05:56 TR T T	(1001 pt ON PMDec 20, 202 ACE 1 2 3 4 5 YPE MWWW Det P N N N	24 Frequency Auto Tu	ree
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SG RL R RL R R R enter Freq R R R 0 dB/div R R R 0 dB R R R R 0 dB R R R R R 1 d R R R R R R	natyzer - Swep = 50 0 2.472000 of Offset 2.6 = 2.000 df 	ac ac an	d Edge z I0: Fast → ain:Low #VBV #VBV	E NVNT	FUI SELINT RUN O dB FUI Sm Sm Sm	2452N	Sweep 9	5.800 ms Emissio 11:05:56 TR T (r1 2.46 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	(1001 pt: DN PMDec 20, 202 ACE [12 3 4 3 ACE [12 4 3 ACE [S) Frequency Auto Tr Center F 2.472000000 (Start F 2.42200000 (Stop F 2.52200000 (Auto Freq Off	rea GH GH GH Rea GH
SG RL R RL R R center Freq R R 0 dB/div R R	natyzer - Swep = 50 0 2.472000 of Offset 2.6 = 2.000 df 	AC GOOD GHO	d Edge z I0: Fast → ain:Low #VBV #VBV	e NVNT	FUI SELINT RUN O dB FUI Sm Sm Sm	2452N	Sweep 9	5.800 ms Emissio 11:05:56 TR T (r1 2.46 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	(1001 pt: PMDec 20, 200 CDN PMDec 20, 200 CDN PMDec 20, 200 CDN PMDec 20, 200 CDN PMDec 20, 200 CDN CDN CDN CDN CDN CDN CDN CDN	S) Frequency Auto Tr Center F 2.472000000 (Start F 2.42200000 (Stop F 2.52200000 (Auto Freq Off	rec GH; GH; GH; GH; MH; Mar



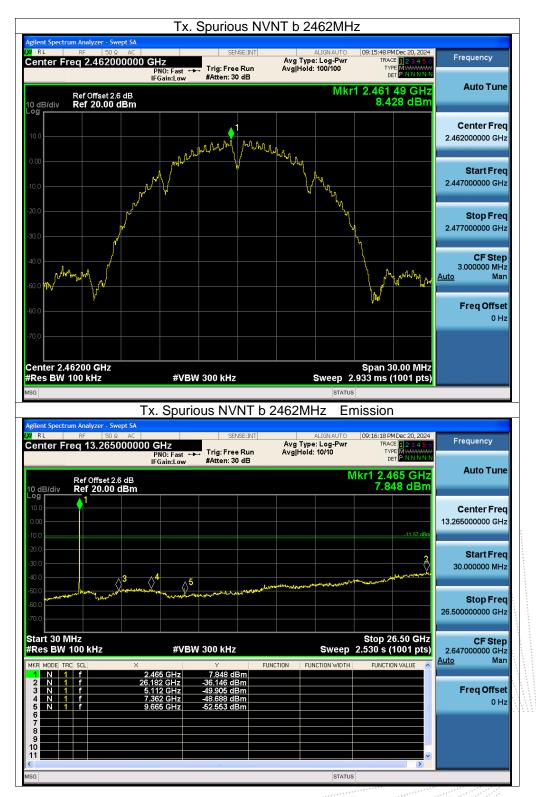




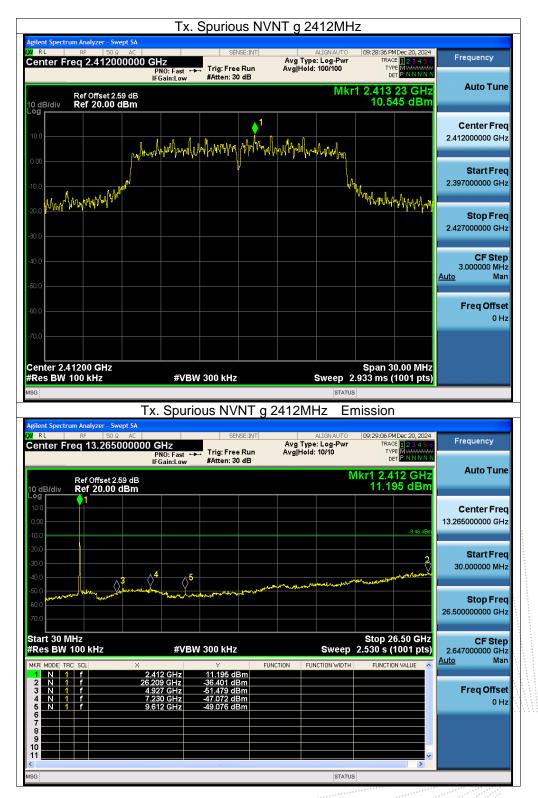




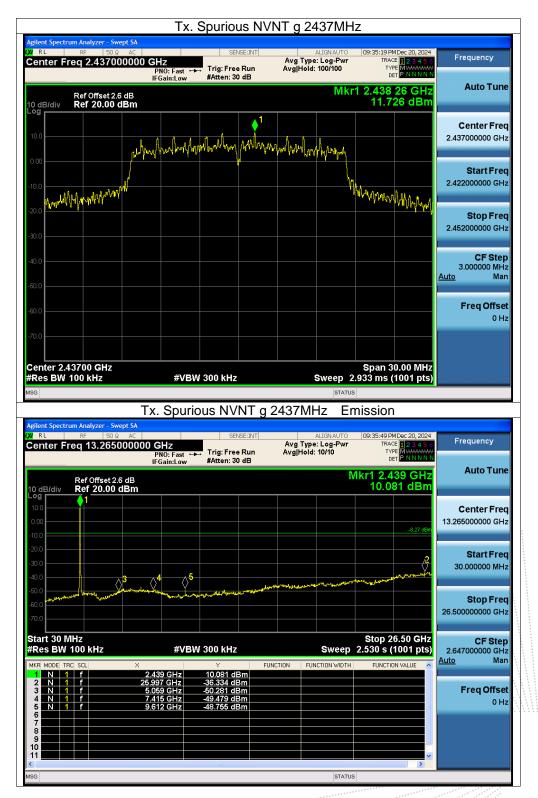








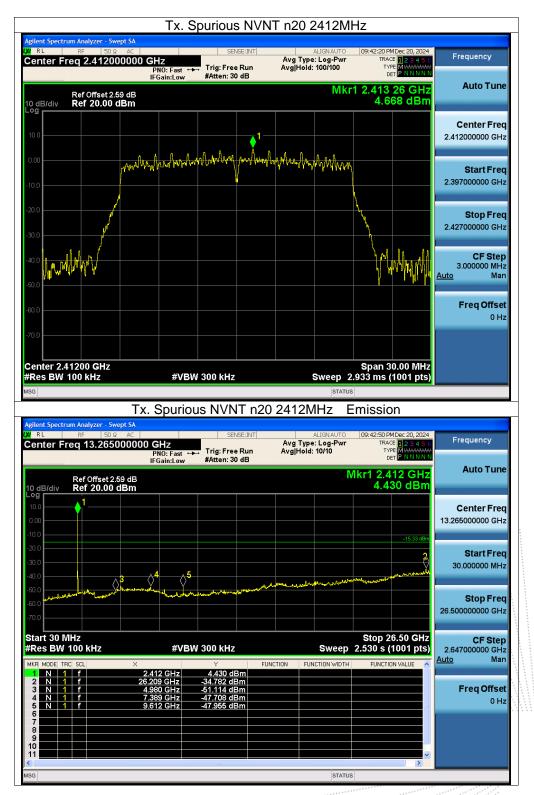




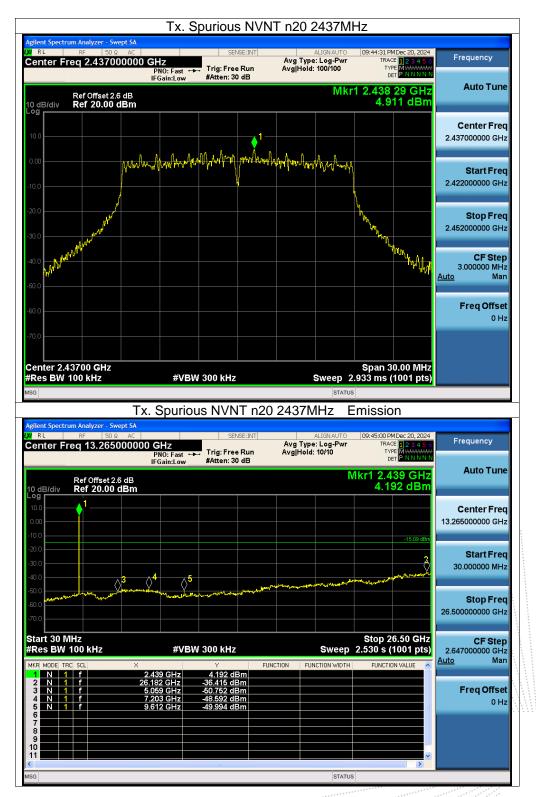


nilont Spoctrum Applugge - Sure		Spurious NV	NT 9 24021011	2	
gilent Spectrum Analyzer - Swej RL RF 50 Ω enter Freq 2.46200	AC	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	09:38:51 PM Dec 20, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
Ref Offset 2.6 0 dB/div Ref 20.00 dl	IFGain:Low_	#Atten: 30 dB	Mkr	Det P NNNNN 1 2.464 49 GHz 10.807 dBm	Auto Tun
0 dB/div Ref 20.00 d	munhantan	white Marina	1 Martin Martine Anthen Anthe		Center Fre 2.462000000 GH
0.0 0.0 1.00 marin Marin Marin Marine				mannananan	Start Fre 2.447000000 GH
0.0					Stop Fre 2.477000000 GH
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50.0					Freq Offse 0 H
enter 2.46200 GHz				Span 30.00 MHz	
Res BW 100 kHz					
	#VB	W 300 kHz		.933 ms (1001 pts)	
			STATUS	.933 ms (1001 pts)	
G	Tx. Spur	w 300 kHz ious NVNT g	STATUS	.933 ms (1001 pts)	
sc g <mark>ilent Spectrum Analyzer - Swe</mark> R L RF 50 Ω	Tx. Spur	ious NVNT g	STATUS	.933 ms (1001 pts)	Frequency
rg gilent Spectrum Analyzer - Sweg RL RF 50.0 enter Freq 13.26500 Ref Offset 2.6	Tx. Spur AC 00000 GHz PN0: Fast IFGain:Low		STATUS 2462MHz En ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	933 ms (1001 pts)	
rg rglent Spectrum Analyzer - Swey RL RF 50.0 enter Freq 13.26500 Ref Offset 2.6 0 dB/div Ref 20.00 d °g 1000 0.000	Tx. Spur AC 00000 GHz PN0: Fast IFGain:Low		STATUS 2462MHz En ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	933 ms (1001 pts) nission 199:39:20 PMDec 20, 2024 TRACE 1234 5 G TVPC 12:465 GHz	Auto Tun Center Fre
rg rglent Spectrum Analyzer - Swey RL RF 50.0 enter Freq 13.26500 Ref Offset 2.6 0 dB/div Ref 20.00 d 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tx. Spur	ious NVNT g	STATUS 2462MHz En ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	933 ms (1001 pts) nission 109:39:20 PMDec 20, 2024 TRACE 23 4 5 6 TYPE MANNAN DET DINNING 1kr1 2.465 GHz 10.394 dBm	Auto Tun Center Fre 13.26500000 GH Start Fre
Ilent Spectrum Analyzer - Sweg RL RF 50 Q enter Freq 13.26500 Ref Offset 2.6 0 dB/div Ref 20.00 d	Tx. Spur		STATUS 2462MHz En ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	933 ms (1001 pts) nission 109:39:20 PMDec 20, 2024 TRACE 23 4 5 6 TYPE MANNAN DET DINNING 1kr1 2.465 GHz 10.394 dBm	Auto Tun Center Fre 13.26500000 GH Start Fre 30.000000 MH Stop Fre
36 glent Spectrum Analyzer - Sweg RL RF Solar enter Freq 13.26500 0 dB/div Ref Offset 2.6 0 dB/div Ref 20.00 d 9 1 0 0 10 0 0 0 10 0	Tx. Spur	ious NVNT g	AvgHold: 10/10	933 ms (1001 pts) nission 199:39:20 PMDec 20,2024 TRACE 12.34 5 G TYPE 10.394 dBm 10.394 dBm 10.	Auto Tun Center Fre 13.26500000 GH Start Fre 30.000000 MH Stop Fre 26.50000000 GH
36 glient Spectrum Analyzer - Sweg RL RF 50.2 enter Freq 13.26500 0 B/div Ref Offset 2.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tx. Spur	ious NVNT g	Status 2462MHz En ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10 N	933 ms (1001 pts)	Auto Tun Center Fre 13.265000000 GH Start Fre 30.000000 MH Stop Fre 26.500000000 GH <u>CF Ste</u> 2.647000000 GH <u>Auto</u> Ma
36 glent Spectrum Analyzer - Sweg RL RF 50 2 enter Freq 13,26500 0 dB/div Ref Offset 2.6 0 dB/div Ref 20,00 d 9 1 0 0 1 1 0 1 1 1 1 2 N 1 1 1 1	Tx. Spur	ious NVNT g Sevse:INT Trig: Free Run #Atten: 30 dB 5 5 5 5 5 5 5 5 5 5 5 5 5	Status 2462MHz En ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10 N	933 ms (1001 pts)	Auto Tun Center Free 13.26500000 GH Start Free 30.000000 MH Stop Free 26.50000000 GH

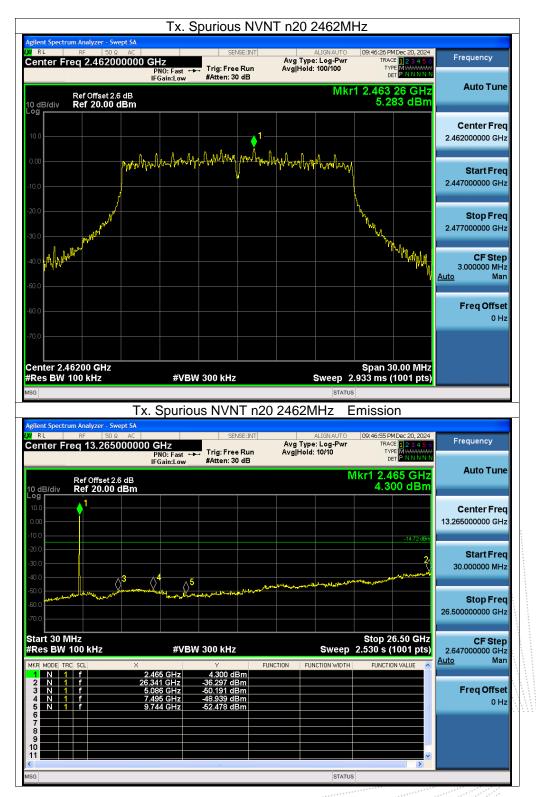




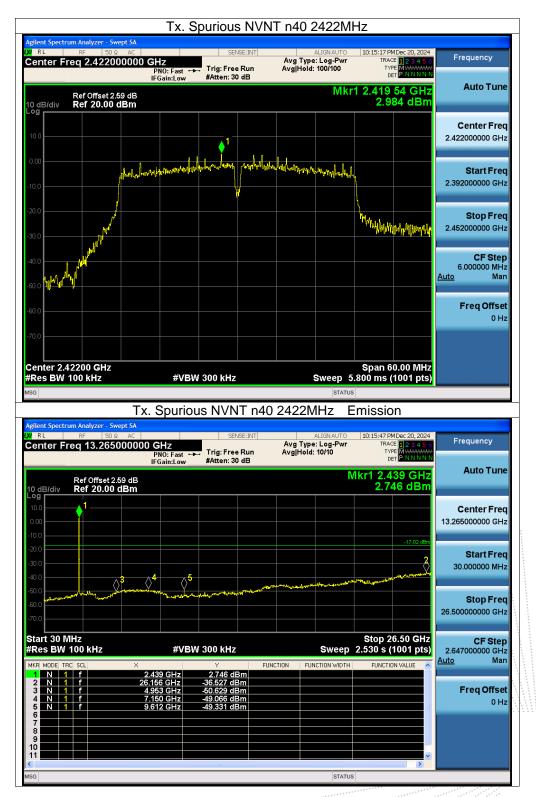




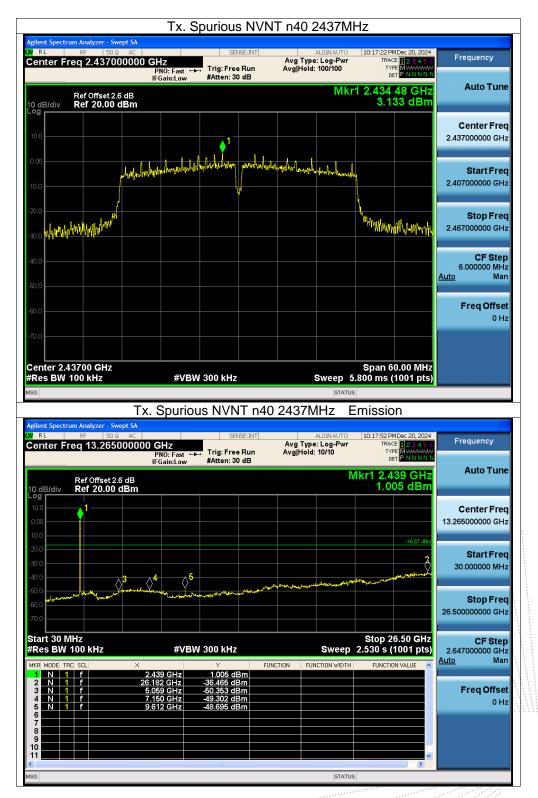




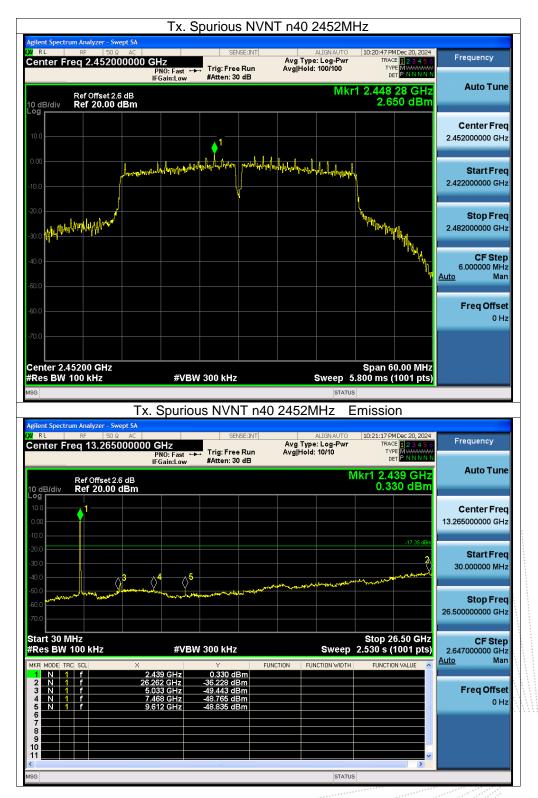




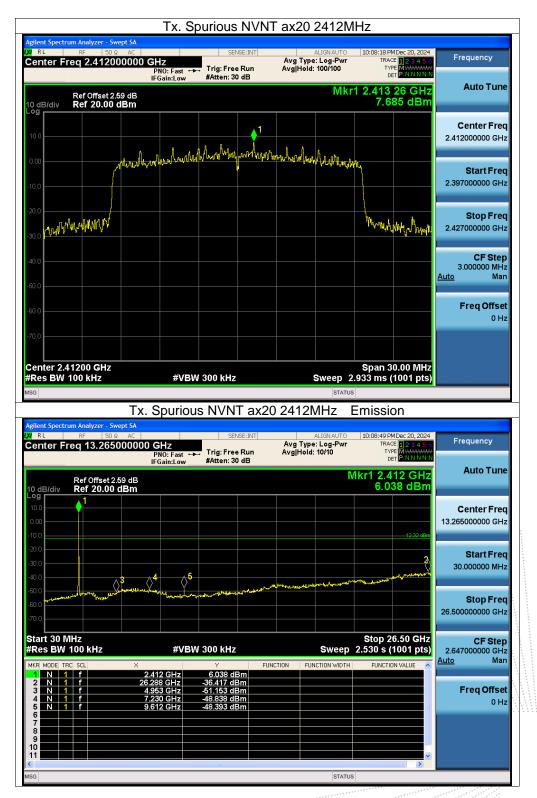




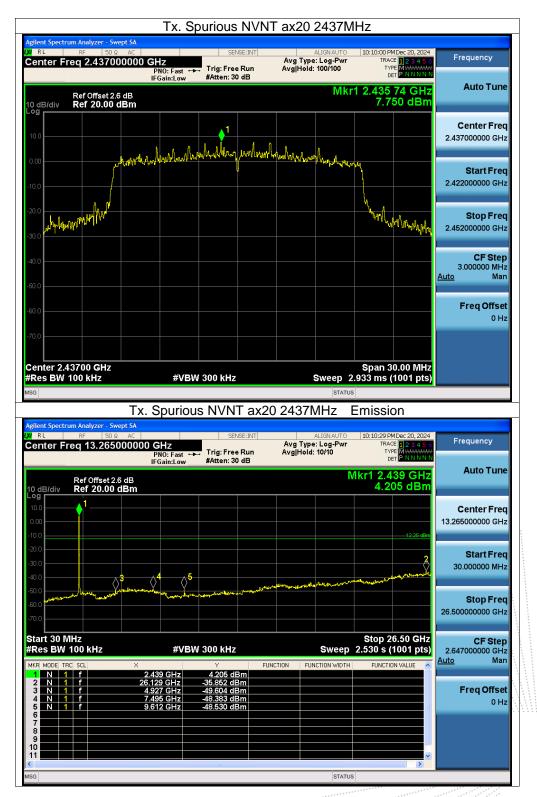








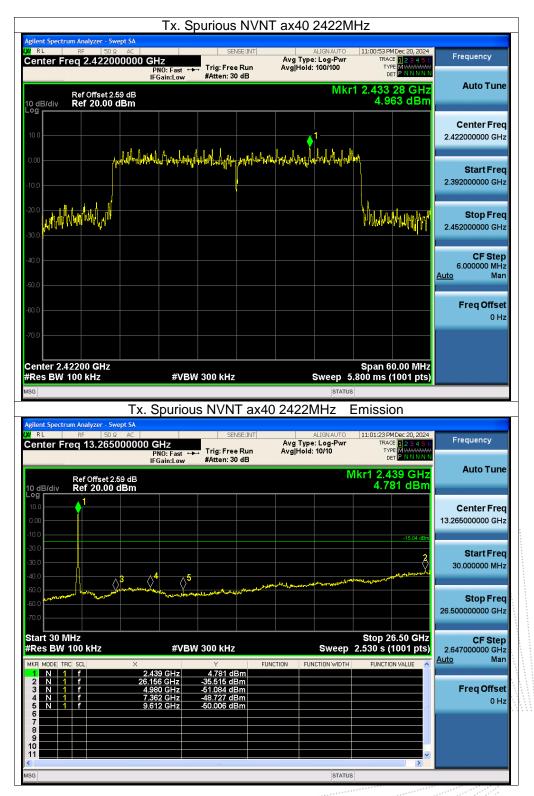




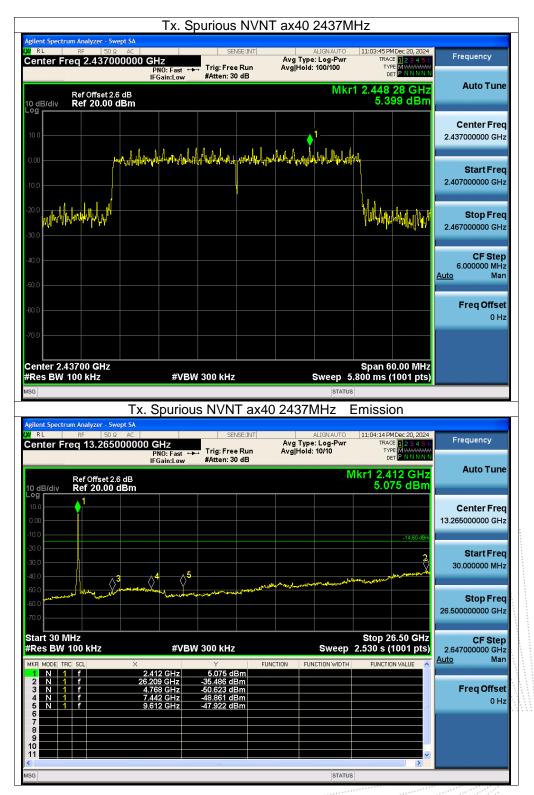




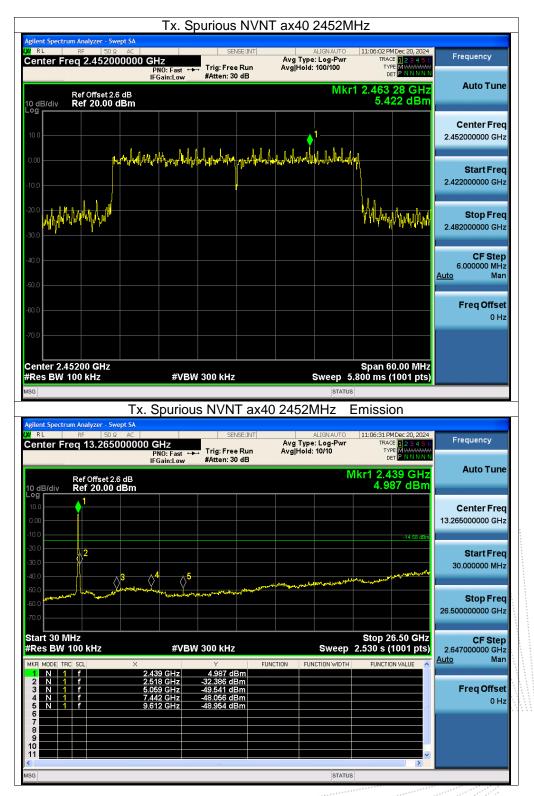














13. Duty Cycle Of Test Signal

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

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	100	0
NVNT	g	2412	100	0
NVNT	n20	2412	100	0
NVNT	n40	2422	100	0
NVNT	ax20	2412	100	0
NVNT	ax40	2422	100	0

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		Test G ity Cycle NVN	NT b 2412MHz		
Agilent Spectrum Analyzer - Swej R L RF 50 Ω		SENSE:INT	ALIGN AUTO	02:46:15 PM Dec 26, 2024	@
enter Freq 2.41200	00000 GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 2.5 0 dB/div Ref 30.00				Mkr1 50.00 ms 17.35 dBm	Auto Tun
og		<u>1</u>			
20.0					Center Fre 2.412000000 GH
).00					2.412000000 01
0.0					Start Fre
20.0					2.412000000 GH
30.0					
0.0					Stop Fre
60.0 60.0					2.412000000 GH
enter 2.412000000 C es BW 8 MHz		N 8.0 MHz	Sweep 10	Span 0 Hz 0.0 ms (10001 pts)	CF Ste 8.000000 MH
KR MODE TRC SCL	X		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 t 2	50.00 ms	17.35 dBm			
3					FreqOffso 0 ⊦
5				E	UF
7					
9					
1					
				*	
G		m	STATUS	• •	
G	Di				
Agilent Spectrum Analyzer - Swe	pt SA	ity Cycle NVN	NT g 2412MHz		
Agilent Spectrum Analyzer - Swej R L RF 50 Ω	AC AC			02:47:40 PM Dec 26, 2024	Frequency
Agilent Spectrum Analyzer - Swej R L RF 50 Ω	AC AC		NT g 2412MHz	02:47:40 PM Dec 26, 2024	Frequency
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200	AC OOOOO GHz PNO: Fast ↔ IFGain:Low		NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.4 0 dB/div Ref 30.00	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PM Dec 26, 2024 TRACE 23 4 5 5 TYPE DET PINNINN	
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.3 0 dB/div Ref 30.00 0	AC AC PNO: Fast IFGain:Low 59 dB		NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.8 0 dB/div Ref 30.00 (og	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.8 0 dB/div Ref 30.00 (0 0 0 0	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.8 0 dB/div Ref 30.00 0 0 0 0 0 0 0 0 0 0 0	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre 2.412000000 GF Start Fre
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.8 0 dB/div Ref 30.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre 2.412000000 GH
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.8 0 dB/div Ref 30.00 of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre 2.412000000 GF Start Fre
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.8 dB/div Ref 30.00 0 00 00 00 00 00 00 00 00 00	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre 2.412000000 GH Start Fre 2.412000000 GH
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.4 0 dB/div Ref 30.00 of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AC AC PNO: Fast IFGain:Low 59 dB	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre 2.412000000 GH Start Fre 2.412000000 GH
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.4 0 dB/div Ref Offset 2.4 0 dB/div Ref 30.00 (000) 0 0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0	AC AC PN0: Fast ← IFGain:Low 59 dB dBm	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26,2024 TRACE 12:33 4 5 6 TYPE WWWWWP PET PNNNNN Mkr1 50.00 ms 17.40 dBm	Frequency Auto Tun Center Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.4 D dB/div Ref 30.00 m 20 0 0.0 m 0.0 m 0.0 0 0.0 m 0.0 m 0.0 m 0.0 0	AC AC PN0: Fast ← IFGain:Low 59 dB dBm SHz	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE 23 2 3 4 5 6 TYPE WWWWW DET PINNNN MKr1 50.00 ms	Frequency Auto Tun Center Fre 2.41200000 GF 2.41200000 GF 2.41200000 GF 2.41200000 GF 2.41200000 GF
Ref Offset 2.4 0 dB/div Ref Offset 2.4 0 dB/div Ref 30.00 9	Pt SA AC D00000 GHz PN0: Fast → IFGain:Low 59 dB dBm SHZ #VB1 X	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE D 23 4 5 G TYPE WWWWWP PET P NNNNN Mkr1 50.00 ms 17.40 dBm	Frequency Auto Tun Center Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.4 0 dB/div Ref 30.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AC AC PNO: Fast → IFGain:Low 59 dB dBm SHz #VB1	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE [] 23 4 5 6 TYPE PMNHWW Der PMNHWW Mkr1 50.00 ms 17.40 dBm 	Frequency Auto Tun Center Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF CF Ste 8.000000 MF Auto Ma
Agilent Spectrum Analyzer - Swe RL RF S0 Ω enter Freq 2.41200 S0 Ω Ref Offset 2.4 Ref Offset 2.4 0 dB/div Ref 30.00 S0 Ω 0 0 Image: Second Se	Pt SA AC D00000 GHz PN0: Fast → IFGain:Low 59 dB dBm SHZ #VB1 X	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE [] 23 4 5 6 TYPE PMNHWW Der PMNHWW Mkr1 50.00 ms 17.40 dBm 	Start Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 8.000000 GF 0.00000 GF 8.000000 GF 9.000000 GF 0.00000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF
Agilent Spectrum Analyzer - Swe RL RF S0 Q enter Freq 2.41200 Ref Offset 2.4 D dB/div Ref 30.00 G C 0 0 0 Ref 30.00 G O 0 0 Ref 30.00 G R 0 0 Ref 30.00 G R 00 Ref 30.00 G R 00 R G R 00 MDZ R R 00 R S S R 1 T T T R 3 R R R R	Pt SA AC D00000 GHz PN0: Fast → IFGain:Low 59 dB dBm SHz #VB1 X	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE [] 23 4 5 6 TYPE PMNHWW Der PMNHWW Mkr1 50.00 ms 17.40 dBm 	Frequency Auto Tun Center Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF CF Ste 8.000000 MF Auto Ma
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Ref Offset 2.4 D dB/div Ref 30.00 Ref 30.00 20	Pt SA AC D00000 GHz PN0: Fast → IFGain:Low 59 dB dBm SHz #VB1 X	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE [] 23 4 5 6 TYPE PMNHWW Der PMNHWW Mkr1 50.00 ms 17.40 dBm 	Start Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 8.000000 GF 0.00000 GF 8.000000 GF 9.000000 GF 0.00000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 D Bef Offset 2.4 O D O D O D O D O D O D O D O D D I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I	Pt SA AC D00000 GHz PN0: Fast → IFGain:Low 59 dB dBm SHz #VB1 X	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE [] 23 4 5 6 TYPE PMNHWW Der PMNHWW Mkr1 50.00 ms 17.40 dBm 	Start Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 8.000000 GF 0.00000 GF 8.000000 GF 9.000000 GF 0.00000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.41200 Commentation Ref 30.00 (Commentation Ref 30.00 (Comm	Pt SA AC D00000 GHz PN0: Fast → IFGain:Low 59 dB dBm SHz #VB1 X	Ity Cycle NVN	NT g 2412MHz	02:47:40 PMDec 26, 2024 TRACE [] 23 4 5 6 TYPE PMNHWW Der PMNHWW Mkr1 50.00 ms 17.40 dBm 	Start Fre 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 2.412000000 GF 8.000000 GF 0.00000 GF 8.000000 GF 9.000000 GF 0.00000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF 0.0000 GF



	Dut	y Cycle NVN	T n20 2412MH	<u>z</u>	
Agilent Spectrum Analyzer - Swep RL RF 50 Ω	pt SA	SENSE:INT	ALIGN AUTO	02:49:19 PM Dec 26, 2024	
Center Freq 2.41200		Trin Free Day	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N	Frequency
Ref Offset 2.4 0 dB/div Ref 30.00	59 dB		Ν	/kr1 50.00 ms 14.95 dBm	Auto Tune
20.0 10.0 0.00		1			Center Fred 2.412000000 GH;
10.0 20.0 30.0					Start Fred 2.412000000 GH;
40.0 50.0 50.0					Stop Fred 2.412000000 GH;
Center 2.412000000 C Res BW 8 MHz		W 8.0 MHz	Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MH: <u>Auto</u> Mar
N 1 t 2	× 50.00 ms	Y F 14.95 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse
5 6 7 8 9 9				E	
1					
G			STATUS		
	Dut	ty Cycle NVN	T n40 2422MH	<u>Z</u>	
Agilent Spectrum Analyzer - Swe RL RF 50 Ω Center Freq 2.42200	AC 00000 GHz	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	03:00:45 PM Dec 26, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N N	Frequency
Ref Offset 2.		#Atten: 40 dB	ſ	/kr1 50.00 ms	Auto Tune
0 dB/div Ref 30.00 (dBm	1		14.79 dBm	Center Free
10.0).00					2.422000000 GH
0.0					Start Free 2.422000000 GH
					Stop Free 2.422000000 GH
50.0 Center 2.422000000 C Res BW 8 MHz		W 8.0 MHz	Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MH
IKR MODE TRC SCL	Х	Y F	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mai
1 N 1 t 2 3	50.00 ms	14.79 dBm		Ξ.	Freq Offse 0 H
4 5					
5 6 7 8 9					
5 6 7 8		11		~	



	ycie invini	ax20 2412MH	Z	
	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	02:57:50 PM Dec 26, 2024 TRACE 2 2 3 4 5 6 TYPE WWWWWW DET P N N N N	Frequency
Ref Offset 2.59 dB 10 dB/div Ref 30.00 dBm			Mkr1 50.00 ms 15.88 dBm	Auto Tune
• • • • • • • • • • • • • • • • • • •	1			Center Fred 2.412000000 GHz
10.0 20.0 30.0				Start Fred 2.412000000 GHz
40.0				Stop Fred 2.412000000 GHz
Center 2.412000000 GHz Res BW 8 MHz #VBW 8.	0 MHz	Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MHz
NRR MODE TRC SCL X 1 N 1 t 50.00 ms 2 - - - 3 - - - 4 - - - 5 - - - 6 - - -	Y FUN 15.88 dBm	ICTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar Freq Offset 0 Hz
3G	m	STATUS	4	
Duty C	ycle NVNT	ax40 2422MH	z	
(Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC enter Freq 2.422000000 GHz PNO: Fast →→ 1	SENSE:INT	ALIGN AUTO	03:00:53 PM Dec 26, 2024	- 6 🐱
	Trig: Free Run Atten: 40 dB	Avg Type: Log-Pwr	03:00:53 PM Dec 26, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWW DET PNNNNN	Frequency
IFGain:Low # Ref Offset 2.59 dB 0 dB/div Ref 30.00 dBm	Frig: Free Run Atten: 40 dB		TRACE 1 2 3 4 5 6	
IFGain:Low # Ref Offset 2.59 dB 0 0 dB/div Ref 30.00 dBm 9 0 10 0 0			TRACE 123456 TYPE WWWWW DET PNNNNN	Auto Tuno Center Free
Ref Offset 2.59 dB 0 dB/div Ref 30.00 dBm 0 d	Atten: 40 dB		TRACE 123456 TYPE WWWWW DET PNNNNN	Auto Tune Center Free 2.42200000 GH: Start Free
Ref Offset 2.59 dB	Atten: 40 dB		TRACE 123456 TYPE WWWWW DET PNNNNN	Auto Tune Center Free 2.422000000 GH: Start Free 2.422000000 GH: Stop Free
Ref Offset 2.59 dB	Atten: 40 dB		TRACE 123456 TYPE WWWWW DET PNNNNN	Auto Tune Center Free 2.42200000 GH: Start Free 2.42200000 GH: Stop Free 2.42200000 GH: CF Step 8.00000 MH
IFGain:Low # 0 dB/div Ref Offset 2.59 dB 0 dB/div Ref 30.00 dBm 200	Atten: 40 dB		TRACE 12 3 4 5 6 TYPE WWWWWWW DET P NNNN Mkr1 50.00 ms 14.67 dBm	Auto Tune Center Frec 2.42200000 GHz Start Frec 2.42200000 GHz Stop Frec 2.42200000 GHz CF Step 8.00000 MHz Auto Mar
Image: Note of the second s	Atten: 40 dB	Sweep 100	TRACE 12 3 4 5 6 TYPE WANNAN DET PANNAN Mkr1 50.00 ms 14.67 dBm Span 0 Hz .0 ms (10001 pts) FUNCTION VALUE	Auto Tune Center Frec 2.42200000 GHz Start Frec 2.42200000 GHz Stop Frec 2.42200000 GHz CF Step 8.00000 MHz



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 Internal antenna, fulfill the requirement of this section.

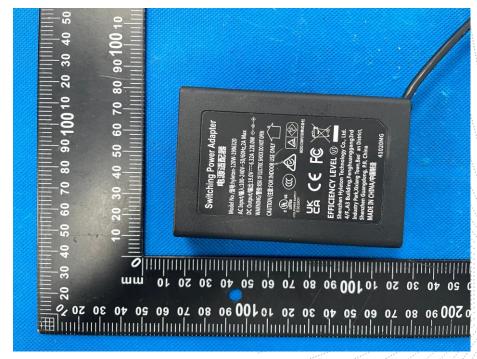


15. EUT Photographs

EUT Photo 1



EUT Photo 2



No.: BCTC/RF-EMC-005



EUT Photo 3



EUT Photo 4



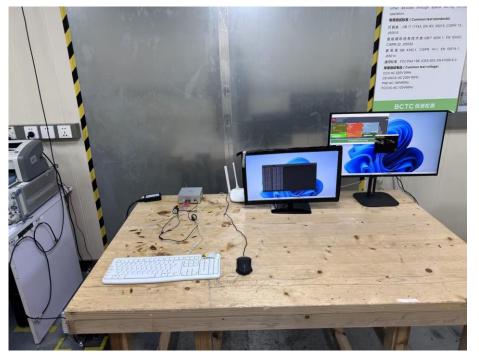
NOTE: Appendix-Photographs Of EUT Constructional Details.

No.: BCTC/RF-EMC-005

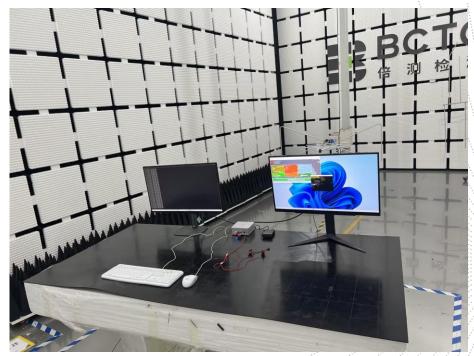


16. EUT Test Setup Photographs

Conducted Emissions Photo



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

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 *****

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