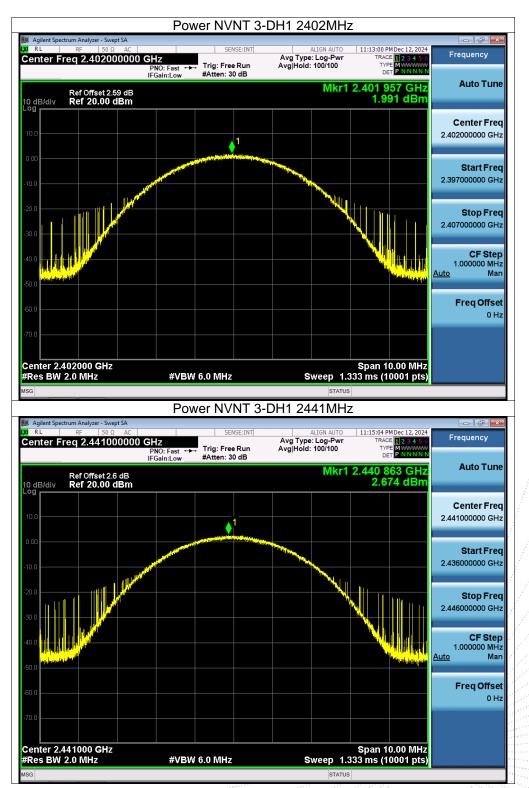


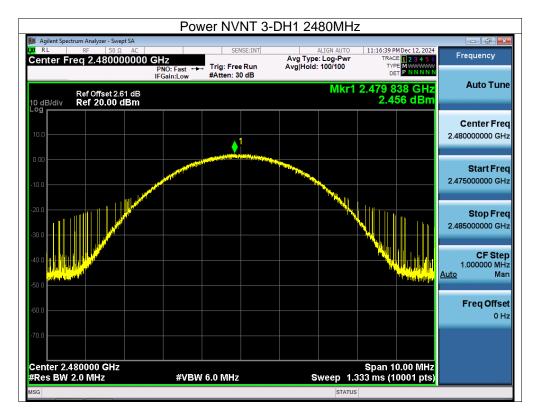
JC JC PPR

epoi









No.: BCTC/RF-EMC-005

Page: 61 of 85



## 12. Hopping Channel Separation

#### 12.1 Block Diagram Of Test Setup



#### 12.2 Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 0.125W.

#### 12.3 Test procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.

2. Set the spectrum analyzer: RBW = 30kHz. VBW = 100kHz , Span = 2.0MHz. Sweep = auto; Detector Function = Peak. Trace = Max hold.

3. Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The limit is specified in one of the subparagraphs of this Section Submit this plot.

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2401.988	2402.99	1.002	0.571	Pass
NVNT	1-DH1	2440.988	2441.986	0.998	0.554	Pass
NVNT	1-DH1	2478.986	2479.984	0.998	0.569	Pass
NVNT	2-DH1	2401.99	2402.99	1	0.829	Pass
NVNT	2-DH1	2440.986	2441.988	1.002	0.821	Pass
NVNT	2-DH1	2478.98	2479.98	1	0.81	Pass
NVNT	3-DH1	2401.99	2402.99	1	0.808	Pass
NVNT	3-DH1	2440.988	2441.988	1	0.807	Pass
NVNT	3-DH1	2478.986	2479.986	1	0.807	Pass

#### 12.4 Test Result





CHENZHER





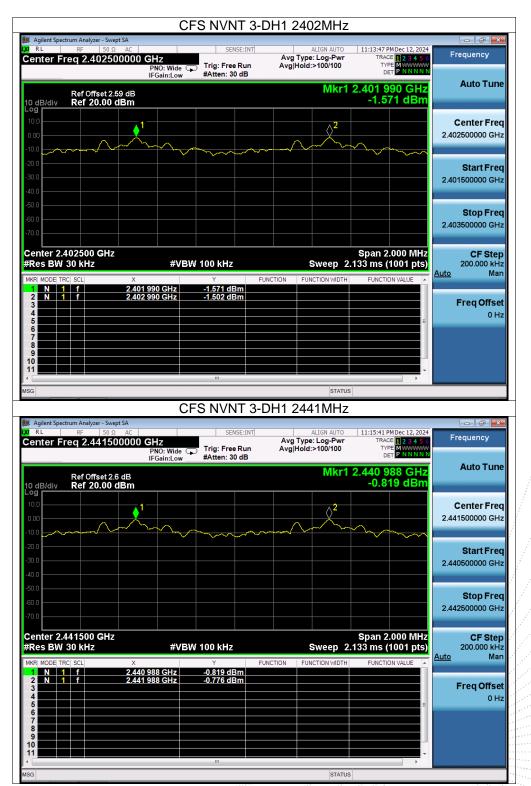




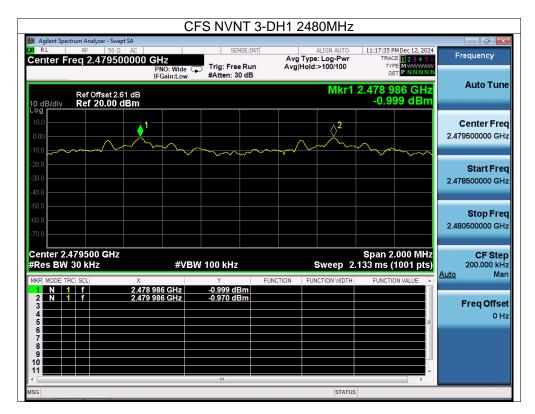
JC JC PPR

еро









No.: BCTC/RF-EMC-005

Page: 67 of 85



## 13. Number Of Hopping Frequency

#### 13.1 Block Diagram Of Test Setup



### 13.2 Limit

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

#### 13.3 Test procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.

2. Set the spectrum analyzer: RBW = 100kHz. VBW = 300kHz. Sweep = auto; Detector Function = Peak. Trace = Max hold.

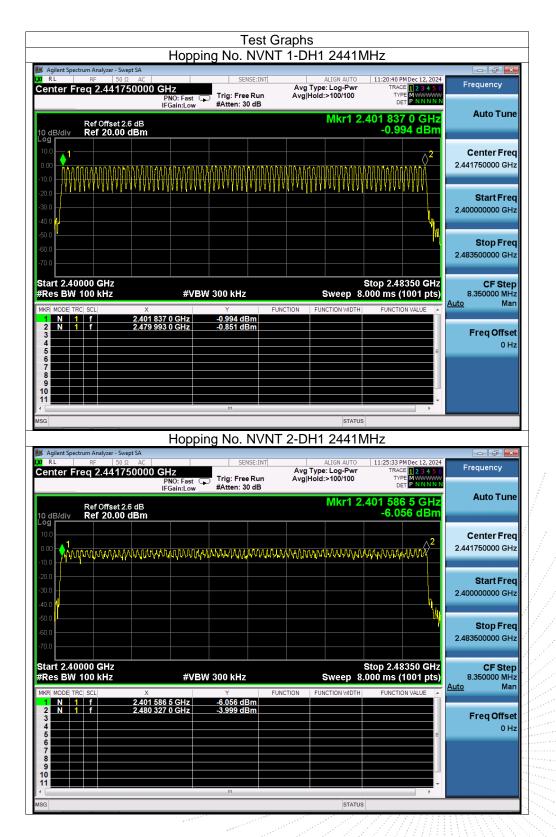
3. Allow the trace to stabilize. It may prove necessary to break the span up to sections. in order to clearly show all of the hopping frequencies. The limit is specified in one of the subparagraphs of this Section.
4. Set the spectrum analyzer: Start Frequency = 2.4GHz, Stop Frequency = 2.4835GHz. Sweep=auto;

#### 13.4 Test Result

Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH1	79	15	Pass
NVNT	2-DH1	79	15	Pass
NVNT	3-DH1	79	15	Pass

No.: BCTC/RF-EMC-005









Нор	ping No. NVNT	3-DH1 2441M	1Hz	
Agilent Spectrum Analyzer - Swept SA X R L RF 50 Ω AC	SENSE:INT	ALIGN AUTO	11:29:43 PM Dec 12, 2024	
Center Freq 2.441750000 GHz PNO: Fas IFGain:Lo		Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N	Frequency
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm		Mkr1 2.	401 837 0 GHz -1.402 dBm	Auto Tune
	vwwwwwww	www.www.www.		Center Freq 2.441750000 GHz
-20.0				Start Freq 2.400000000 GHz
-50.0 -60.0 -70.0			<mark>۴′′۲</mark>	<b>Stop Freq</b> 2.483500000 GHz
Start 2.40000 GHz #Res BW 100 kHz #	/BW 300 kHz		Stop 2.48350 GHz 000 ms (1001 pts)	CF Step 8.350000 MHz
MKR MODE TRC SCL         X           1         N         1         f         2.401 837 0 GHz           2         N         1         f         2.480 160 0 GHz           3         3         3         3         3	-1.402 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man Freq Offset
3 4 5 6 7			= =	0 Hz
8 9 9 10 10 10 11 10 10 10 10 10 10 10 10 10				
MSG	m	STATUS	P.	





Page: 70 of 85



### 14. Dwell Time

#### 14.1 Block Diagram Of Test Setup



#### 14.2 Limit

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

### 14.3 Test procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.

2. Set spectrum analyzer span = 0. Centred on a hopping channel;

3. Set RBW = 1MHz and VBW = 3MHz.Sweep = as necessary to capture the entire dwell time per hopping channel. Set the EUT for DH5, DH3 and DH1 packet transmitting.

4. Use the marker-delta function to determine the dwell time. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation. The limit is specified in one of the subparagraphs of this Section. Submit this plot(s).

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.412	131.428	319	31600	400	Pass
NVNT	1-DH3	2441	1.669	258.695	155	31600	400	Pass
NVNT	1-DH5	2441	2.915	279.84	96	31600	400	Pass
NVNT	2-DH1	2441	0.422	134.196	318	31600	400	Pass
NVNT	2-DH3	2441	1.673	252.623	151	31600	400	Pass
NVNT	2-DH5	2441	2,921	271.653	93	31600	400	Pass
NVNT	3-DH1	2441	0.423	134.937	319	31600	400	Pass
NVNT	3-DH3	2441	1.674	276.21	165	31600	400	Pass
NVNT	3-DH5	2441	2.924	336.26	115	31600	400	Pass

#### 14.4 Test Result

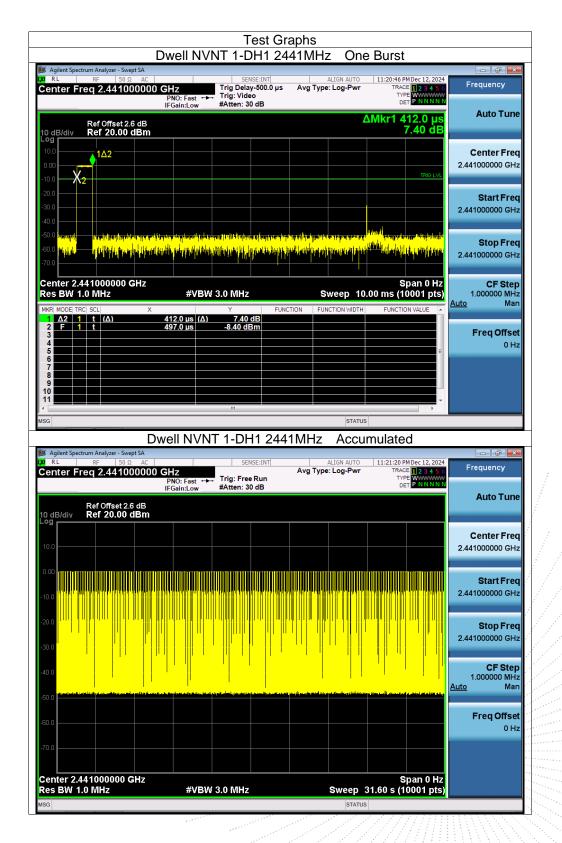
Note: Total Dwell Time (ms) = Pulse Time (ms)\*Burst Count

ТC

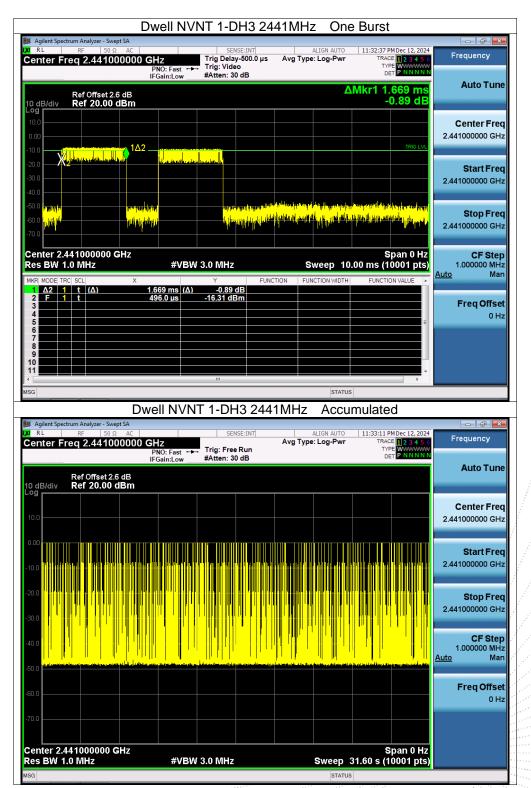
PR

<sup>e</sup>poi











Agilent Spectrum Analyzer - Swept SA	Dwell NVNT 1-	DH5 2441M	Hz One B	Burst	
RL         RF         50 Ω         AC           enter Freq 2.441000000	GHz PNO: Fast ↔ Trig Del Trig: Vio	leo	ALIGN AUTO 1 ype: Log-Pwr	1:33:52 PM Dec 12, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB 0 dB/div Ref 20.00 dBm	IFGain:Low #Atten:	30 dB	ΔMł	(r1 2.915 ms -6.15 dB	Auto Tun
0 dB/div Ref 20.00 dBm 99 0.0	1Δ2			TRIG LVL	<b>Center Fre</b> 2.441000000 GH
					<b>Start Fre</b> 2.441000000 GH
0.0 /p#yp	ti e con d'atte da tipe de tra na production da tra production na production da tra production	n den blette eller på den blette i pelste kom på sek standet på på på på skiller i pelste blette blette blette på sek standet på	al a la stara an a stillan da stat Na fit a ta pila i ta si ta da pila da s		<b>Stop Fre</b> 2.441000000 GH
enter 2.441000000 GHz es BW 1.0 MHz	#VBW 3.0 MH	z	Sweep 10.00	Span 0 Hz ms (10001 pts)	CF Stej 1.000000 MH
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2.915 ms (Δ) -6.1 463.0 μs -10.29 c	5 dB	FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma <b>Freq Offse</b> 0 H
5 6 7 8				=E	0 F
9 0 1					
3			STATUS		
Agilent Spectrum Analyzer - Swept SA	well NVNT 1-D	H5 2441MH	z Accumu	ulated	- 6 -
RL RF 50 Ω AC enter Freq 2.441000000	GHz PNO: Fast ↔→ Trig: Fr	ee Run	ALIGN AUTO 1 ype: Log-Pwr	1:34:26 PM Dec 12, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWWW DET P NNNNN	Frequency
Ref Offset 2.6 dB dB/div Ref 20.00 dBm	IFGain:Low #Atten:	30 dB			Auto Tun
dB/div Ref 20.00 dBm					<b>Center Fre</b> 2.441000000 G⊦
					<b>Start Fre</b> 2.441000000 G⊦
10					<b>Stop Fre</b> 2.441000000 G⊢
.0					<b>CF Ste</b> 1.000000 M⊢ <u>Auto</u> Ma
					FreqOffse
0.0					0 H
					0 H

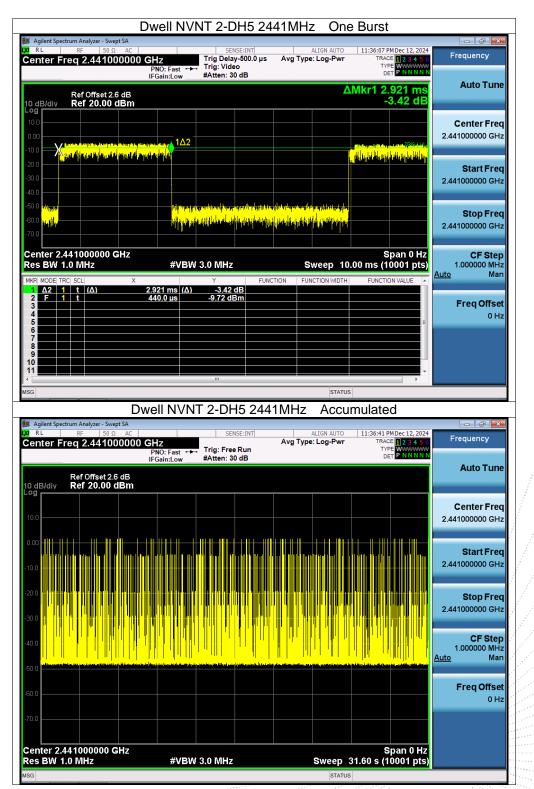


At mer 1990 B AC       1990 B A			NT 2-DH1 24	141MHz	One Burs	st	
PROTECT	RL RF 50 Ω	AC					Frequency
Bit Officet 2.6 dB       AMKET 42.2 U HS         Bit Officet 2.6 dB       Center Fre         2.441000000 GHz       Start Fre         2.4410000000 GHz       Start Fre     <		PNO: Fast ++			-		
Center Freq 2.441000000 GHz Span 0 Hz Span 0 Hz	Ref Offset 2.6	dB			ΔMkr1	422.0 μs	Auto Tune
2.441000000 GHz Trig: Freq UII VII 1241 3 HUB CONTRACTOR PLATE CONTRACTOR VII 1241 3 HUB							Contor Fro
Image: Start Free Start						TRIOLINA	2.441000000 GH
Start Fre 2.44100000 GHz SBW 1.0 MHz SBW	0.0						
Image: Status in a stat	0.0						Start Free 2.441000000 GH
Stop Fre 2.441000000 GHz #VBW 3.0 MHz Sweep 10.00 ms (1000 1pts)		المن المراجع		the second second second			
Implet 2.441000000 GHz       #VEW 3.0 MHz       Sweep 10.00 ms (10001 pts)         Implet 2.441000000 GHz       #VEW 3.0 MHz       Sweep 10.00 ms (10001 pts)         Implet 2.441000000 GHz       #VEW 3.0 MHz       Sweep 10.00 ms (10001 pts)         Implet 2.441000000 GHz       #VEW 3.0 MHz       Function month       Function month         Implet 2.441000000 GHz       #VEW 3.0 MHz       Stat dB       Function month       Function month         Implet 2.441000000 GHz       #VEW 3.0 MHz       Stat dB       Function month       Function month       Function month         Implet 1.4110 Hz       Action month       Function month       Function month       Function month       Function month       Function month         Implet 1.4110 Hz       Action month       Function month       Function month       Function month       Function month       Function month       Function month         Implet 1.4110 Hz       Action month       Function month       Funct		and the second					Stop Free
es       EW 1.0 MHz       #VEW 3.0 MHz       Sweep 10.00 ms (10001 pts)         R MODELTIC SCL       X       Y       FUNCTION WIDTH       FUNCTION WIDTH       FUNCTION WIDTH         R MODELTIC SCL       X       Y       FUNCTION       FUNCTION WIDTH       FUNCTION WIDTH       FUNCTION VIDUE         R MODELTIC SCL       X       Y       FUNCTION       FUNCTION WIDTH       FUNCTION VIDUE       Function VIDUE         R MODELTIC SCL       X       Y       FUNCTION       FUNCTION WIDTH       FUNCTION VIDUE       Function VIDUE         R MODELTIC SCL       X       Y       FUNCTION       FUNCTION VIDUE       Function V					n i i		2.441000000 011
R MODE THE SELL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Ma Auto Ma Freq Offset Dwell NVNT 2-DH1 2441MHz Accumulated Auto Ma Status Dwell NVNT 2-DH1 2441MHz Accumulated Auto Ma Status Trig: Freq Ram PRO: Fast +++ PRO: Fast ++++ Pro: Fast ++++ Pro: Fast +++++ Pro: Fast ++++++++++++++++++++++++++++++++++++	enter 2.441000000 G es BW 1.0 MHz		3.0 MHz	Swe	ep 10. <u>00 ms</u>		CF Step 1.000000 MH
F       1	KR MODE TRC SCL	X	Y FUN		•		
Image: Sense in the sense							Freq Offse
Trig: Freq 2.441000000 GHz Ref 20.000 dBm Center Freq 2.441000000 GHz Stop Freq 4							0 H
Image: Second	6 7 8						
Image: Sector of Sector	9						
Dwell NVNT 2-DH1 2441MHz       Accumulated         Aglent Spectrum Analyzer Swept SA RL       Ref       SENSE:INT       ALION AUTO       11:26:13 PMDe: 12:2024         PND: Fast       Trig: Free Run IFGain:Low       Trig: Free Run Atten: 30 dB       Center Free         Control       Ref Onfset 2.6 dB       Center Free       2.441000000 GHz         Start Free       2.441000000 GHz       Start Free       2.441000000 GHz         Control       Start Free       2.441000000 GHz       Start Free         Control       Start Free       2.441000000 GHz       Start Free         Start Free       Start Free       3.00 MHz       Start Free         Start Free       Start Free       3.0 MHz       Start Free			m			• •	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Q AC PHO: Fast	G					<u>م ما</u>	
enter Freq 2.441000000 GHz       PNO: Fast +       Trig: Free Run       Avg Type: Log-Pwr       Trice Type: Log-Pwr       Auto Tur         Ref Offset 2.6 dB       Global       G		t SA			Accumulat	eu	- ē 💌
Ref Offset 2.6 dB       Center Free         Q       Center Free		0000 GHz			g-Pwr TF	ACE 1 2 3 4 5 6	Frequency
Ref Offset2.6 dB       Center Fre         2.44100000 GF       2.44100000 GF         2.441000000 GF       2.441000000 GF         2.441000000 GF       2.441000000 GF         2.441000000 GF       2.441000000 GF         2.441000000 GF       2.441000000 GF						DET PNNNNN	Auto Tun
0       0	dB/div Ref 20.00 d						
Start Fre 2.44100000 GH 2.44100000 GHz 5 BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pts)	g						Center Free
Start Fre 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 3.40 Min Martine Span 0 Hz Sweep 31.60 s (10001 pts)	0.0						2.441000000 GH
2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 2.44100000 GH 3.400 Ma 4.000 Ma 6.000 GH 7.75 Span 0 Hz 5 Span 0							Start Ero
Stop Fre         2.441000000 GHz         Stop Fre         Stop Fre         2.441000000 GHz         Stop Fre	).0						2.441000000 GH
Stop Fre         2.441000000 GHz         Stop Fre         Stop Fre         2.441000000 GHz         Stop Fre							
CF Ste 1.000000 M- Auto Ma Freq Offse offset Preter 2.441000000 GHz IS BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pts)							Stop Free 2.441000000 GH
Image: Second	D.0						
Freq Offso Freq Offso The first of the fir							CF Step 1.000000 MH
anter 2.441000000 GHz s BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pts)			ng maka sinika kulaka (kangina kula kula ku		unio de falo deste accordense	ا بىدۇساخاتە مەتبەلىقىنى (ئامار	<u>Auto</u> Mar
Image: Span 0 Hz         Span 0 Hz           S BW 1.0 MHz         #VBW 3.0 MHz	3.0						Freq Offse
nter 2.441000000 GHz Span 0 Hz s BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pts)							0 H:
s BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pts)	0.0						
s BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pts)	enter 2.441000000 G	Hz					
STATUS	es BW 1.0 MHz		3.0 MHz	Sv			



Agilent Spectrum Analyzer - Swe		VNT 2-DH3 2	2441MHz On	e Burst	
	AC 00000 GHz PNO: Fast	SENSE:INT Trig Delay-500.0 μ Trig: Video #0 trig: 20 dB	ALIGN AUTO s Avg Type: Log-Pwr	11:35:09 PM Dec 12, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N	Frequency
Ref Offset 2. dB/div Ref 20.00	IFGain:Low 6 dB dBm	#Atten: 30 dB		∆Mkr1 1.673 ms -0.38 dB	Auto Tun
	1Δ2			TRIG LVL	<b>Center Fre</b> 2.441000000 GH
3.0 9.0 9.0					<b>Start Fre</b> 2.441000000 GH
0.0 <mark>10 10 10 10 10 10 10 10 10 10 10 10 10 1</mark>		<mark>(1) <sup>1</sup>an 1100 yang salat sang salat sang salat sang salat sang sang sang sang sang sang sang sang</mark>	raan wata dha taray dan ay ay ay daga da da Mata ya ta ya ya ta da waya wata ta waxaa ta ya	an <mark>da kana kana kana kana kana kana kana ka</mark>	<b>Stop Fre</b> 2.441000000 GH
enter 2.441000000 ( es BW 1.0 MHz		SW 3.0 MHz	Sweep 1	Span 0 Hz 0.00 ms (10001 pts)	CF Stej 1.000000 MH
R MODE TRC SCL 1 Δ2 1 t (Δ) 2 F 1 t	х <u>1.673 ms</u> (/ 497.0 µs	Y FI	UNCTION FUNCTION WIDTH		Auto Mai
3 4 5					Freq Offse 0 H
6 7 8 9					
			STATU	JS	
Agilent Spectrum Analyzer - Swe		NT 2-DH3 24	41MHz Accu	umulated	
	2 AC	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	11:35:43 PM Dec 12, 2024 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast • IFGain:Low	Trig: Free Run #Atten: 30 dB		TYPE WWWWW DET P N N N N N	Auto Tun
Ref Offset 2. dB/div Ref 20.00					
.0					<b>Center Fre</b> 2.441000000 GH
					<b>Start Fre</b> 2.441000000 G⊢
.0					<b>Stop Fre</b> 2.441000000 G⊢
					CF Ste 1.000000 M⊢ <u>Auto</u> Ma
.0 .0 .0					
.0		8W 3.0 MHz	Sween	Span 0 Hz 31.60 s (10001 pts)	Freq Offse 0 H





ероі



RL RF 50 Ω A0		SENSE:INT			9:49 PM Dec 12, 2024	Erequency
nter Freq 2.4410000	PNO: Fast ++	Trig Delay-500.0 Trig: Video	µs Avg Type:Lo	og-Pwr	TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P NNNN	Frequency
Ref Offset 2.6 dB	IFGain:Low	#Atten: 30 dB		ΔMkr	1 423.0 µs -2.91 dB	Auto Tuno
dB/div Ref 20.00 dBn						Center Fre
					TRIG LVL	2.441000000 GH
						Start Free
.0						2.441000000 GH
.0 .unpli	da ka dia da di Mila da <mark>kata ya</mark> mana ka di	a the state of the s	A sector all states in the states of the	tailatita dan ditatan	di jang katalahan kanang kan	Stop Fro
.0 <mark>1/1/10</mark>	and the state of t		Well of the line o		<mark>ha an la dhallan a baan baar a</mark>	<b>Stop Fre</b> 2.441000000 GH
enter 2.441000000 GHz					Span 0 Hz	CF Ste
s BW 1.0 MHz	#VBW	3.0 MHz		ep 10.00 m	s (10001 pts)	1.000000 MH <u>Auto</u> Ma
MODE         TRC         SCL           Δ2         1         t         (Δ)           F         1         t	× 423.0 μs (Δ) 338.0 μs	Ƴ -2.91 dB -9.93 dBm	FUNCTION FUNCTION	ON WIDTH FU	INCTION VALUE	
						Freq Offse 0 H
					=	
					-	
		III		STATUS	•	
	Dwell NVN	T 3-DH1 24	441MHz	Accumula	ated	
Agilent Spectrum Analyzer - Swept SA R L RF 50 Ω AG		SENSE:INT	ALI	GN AUTO 11:30	0:22 PM Dec 12, 2024	
nter Freq 2.4410000	00 GHz PNO: Fast ↔	Trig: Free Run	Avg Type: Lo		TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB	IFGain:Low	#Atten: 30 dB				Auto Tun
dB/div Ref 20.00 dBn	n					
						Center Free
.0						2.441000000 GH
						Start Free
						2.441000000 GH
						Stop Free 2.441000000 GH
						CF Ste
						1.000000 MH
	In the first test legislation of the second	de secondo deste coljetio date à les	والمراجع والمراجع والمراجع والمراجع والمراجع	ten mysterictus procession fil	Landi para de centra a tr	
		da secreta de la constante de la	History and a statistic statistic statistic statistics and a statistic statistic statistic statistic statistics			<u>Auto</u> Mar
						<u>Auto</u> Mar Freq Offse
						<u>Auto</u> Mar Freq Offse
						1.00000 MH <u>Auto</u> Mar Freq Offse 0 H



	vell NVNT 3-DH3 2	441MHz One	Burst	
	NO: Fast ++++ Trig: Video	ALIGN AUTO	11:37:04 PM Dec 12, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB	Gain:Low #Atten: 30 dB	Δ	Mkr1 1.674 ms -4.94 dB	Auto Tune
0 dB/div Ref 20.00 dBm 99 0.0				Center Free 2.441000000 GH
			TRIG LVL	Start Free
0.0				2.441000000 GH
	ningen ut hate sin in the property of the string of the st		n a line big a faith a tha an	<b>Stop Fre</b> 2.441000000 GH
enter 2.441000000 GHz es BW 1.0 MHz	#VBW 3.0 MHz	Sweep 10	Span 0 Hz 00 ms (10001 pts)	CF Ste 1.000000 MH
$\begin{array}{c c} KR & MODE & TRC & SCL & X \\ \hline 1 & \mathbf{\Delta2} & 1 & \mathbf{t} & (\mathbf{\Delta}) & 1. \end{array}$		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
3 4 5 5 6			E	FreqOffse 0 ⊢
6 7 8 9				
G Dwe	ell NVNT 3-DH3 24	41MHz Accu	mulated	
Agilent Spectrum Analyzer - Swept SA R L RF 50 Ω AC	SENSE:INT	ALIGN AUTO	11:37:37 PM Dec 12, 2024	Frequency
	PNO: Fast +++ Trig: Free Run Gain:Low #Atten: 30 dB	Avg Type. Log-F wi	TRACE 123456 TYPE WWWWWW DET PNNNNN	Auto Tun
Ref Offset 2.6 dB dB/div Ref 20.00 dBm				Auto Tuli
0.0				Center Fre 2.441000000 GH
.00				Start Fre
0.0				2.441000000 GH
				<b>Stop Fre</b> 2.441000000 GH
				CF Ste 1.000000 MH
	in an et de la familie anna a la familie anna a la companya anna anna an an anna anna anna ann		and a second	<u>Auto</u> Ma Freq Offse
				riegonse
0.0				0 H
20			Span 0 Hz	ОH



Dwell N Agilent Spectrum Analyzer - Swept SA	IVNT 3-DH5 24	41MHz One	Burst	
RL RF 50 Ω AC enter Freq 2.441000000 GHz PNO: Fast	SENSE:INT Trig Delay-500.0 µs Trig: Video #0 marg. 20 dB	ALIGN AUTO Avg Type: Log-Pwr	11:38:20 PM Dec 12, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N N	Frequency
IFGain:Low Ref Offset 2.6 dB 0 dB/div Ref 20.00 dBm	#Atten: 30 dB	ΔΝ	lkr1 2.924 ms -2.48 dB	Auto Tune
	2		TRIG LVL	<b>Center Free</b> 2.441000000 GH
000				<b>Start Fre</b> 2.441000000 GH
	ann a lan Fillant Independent Alfred States Independent Fillant (Spillant) (Spillant)	and the second se	<mark>eleran I. (</mark> . 1996). Hanne I. (. 1997). Hanne I. (. 1997).	<b>Stop Fre</b> 2.441000000 GH
enter 2.441000000 GHz es BW 1.0 MHz #V	BW 3.0 MHz	Sweep 10.0	Span 0 Hz 0 ms (10001 pts)	CF Stej 1.000000 MH
KR         MODE         TRC         SCL         X           1         Δ2         1         t         (Δ)         2.924 ms           2         F         1         t         337.0 µs           3		TION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma Freq Offse
4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			E	0 H
8 9 0				
1	111	STATUS	b T	
Dwell N\	/NT 3-DH5 244	1MHz Accum	nulated	
Agilent Spectrum Analyzer - Swept SA           RL         RF         50 Ω         AC           enter Freq 2.4410000000 GHz         PNO: Fast		ALIGN AUTO Avg Type: Log-Pwr	11:38:54 PM Dec 12, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB dB/div Ref 20.00 dBm	#Atten: 30 dB			Auto Tun
dB/div Ref 20.00 dBm				<b>Center Fre</b> 2.441000000 GH
				<b>Start Fre</b> 2.441000000 G⊢
				<b>Stop Fre</b> 2.441000000 GH
				<b>CF Ste</b> 1.000000 MH <u>Auto</u> Ma
0.0				<b>Freq Offse</b> 0 H
0.0				



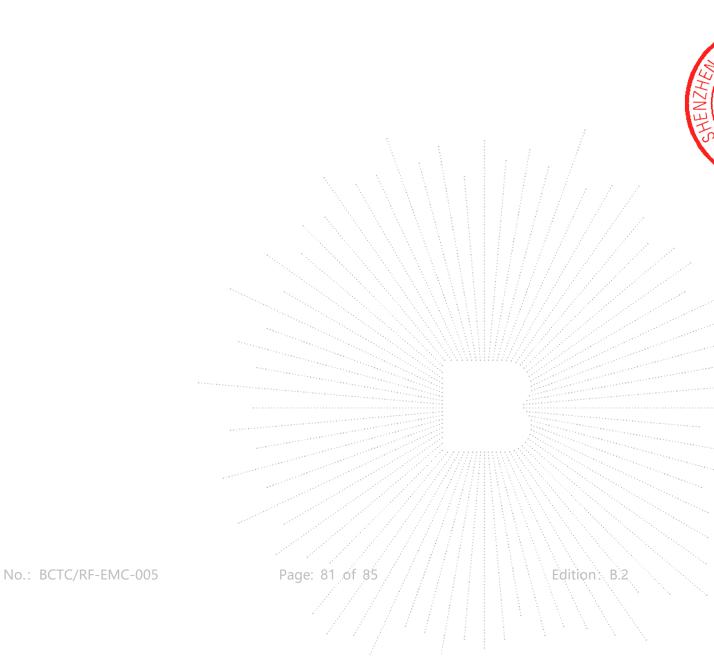
## 15. Antenna Requirement

#### 15.1 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.

#### 15.2 Test Result

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





# 16. EUT Photographs

#### EUT Photo 1







## NOTE: Appendix-Photographs Of EUT Constructional Details.

No.: BCTC/RF-EMC-005

Page: 82 of 85

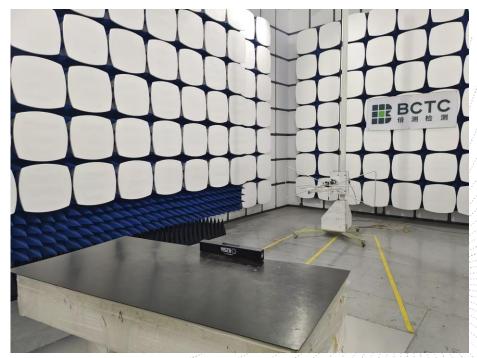


## 17. EUT Test Setup Photographs

## **Conducted Emissions Photo**



**Radiated Measurement Photos** 



No.: BCTC/RF-EMC-005

Edition: B.2

C T

СТ

PRO

ort S





No.: BCTC/RF-EMC-005

Page: 84 of 85

Edition: B.2

C /ED

eal



## 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

Page: 85 of 85