



















10. 20 dB Bandwidth

10.1 Block Diagram Of Test Setup



10.2 Limit

N/A

10.3 Test procedure

1. Set RBW = 30kHz.

2. Set the video bandwidth (VBW) \ge 3 x RBW.

3. Detector = Peak.

4. Trace mode = max hold.

5. Sweep = auto couple.

6. Allow the trace to stabilize.

7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

10.4 Test Result

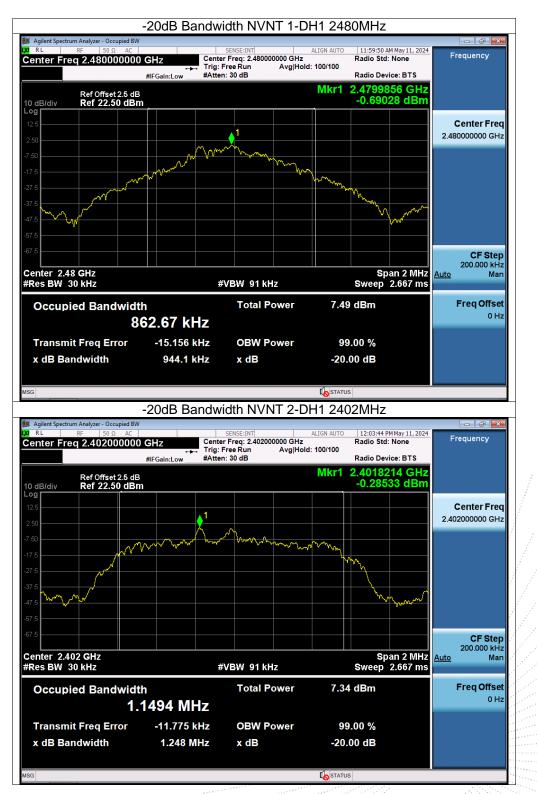
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1 •	2402	0.954	Pass
NVNT	1-DH1	2441	0.875	Pass
NVNT	1-DH1	2480	0.944	Pass
NVNT	2-DH1	2402	1.248	Pass
NVNT	2-DH1	2441	1.244	Pass
NVNT	2-DH1	2480	1.251	Pass
NVNT	3-DH1	2402	1.216	Pass
NVNT	3-DH1	2441	1.219	Pass
NVNT	3-DH1-	2480	1.223	Pass





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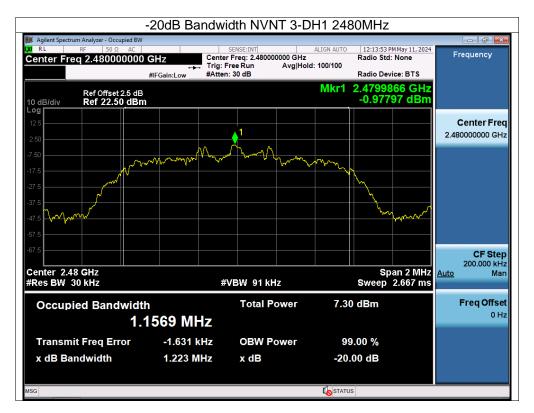




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11. Maximum Peak Output Power

11.1 Block Diagram Of Test Setup



11.2 Limit

			FCC Part15 (15.247) , S	ubpart C	
	Section	Test Item	Limit	Frequency Range (MHz)	Result
1	5.247(b)(1)	Peak Output Power	0.125 watt or 21dBm	2400-2483.5	PASS

11.3 Test procedure

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

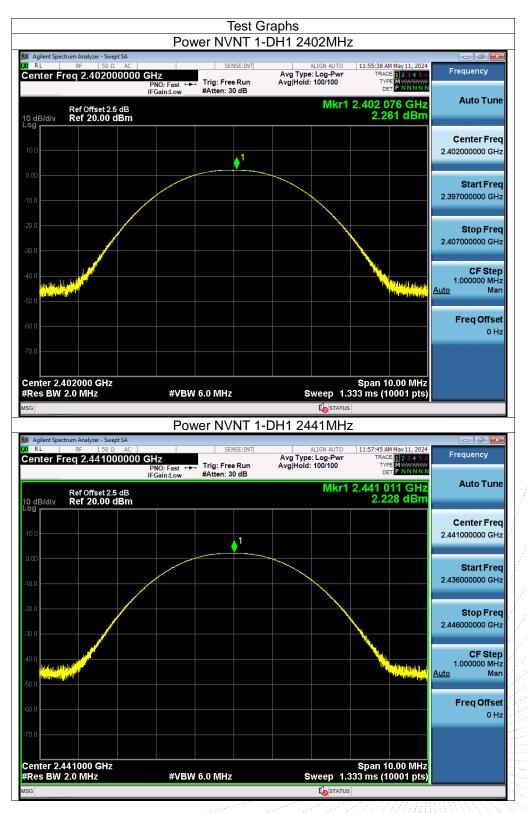
2. Set the spectrum analyzer: RBW = 2MHz. VBW = 6MHz. Sweep = auto; Detector Function = Peak.

3. Keep the EUT in transmitting at lowest, medium and highest channel individually. Record the max value.

11.4 Test Result

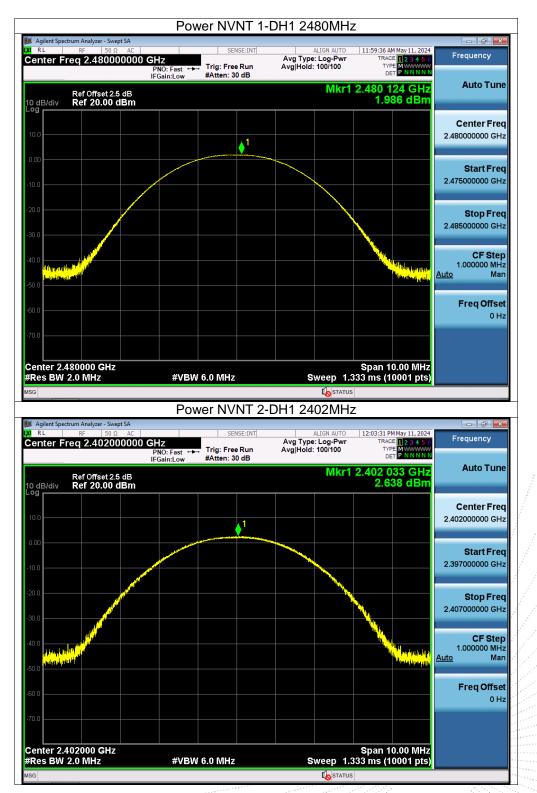
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	2.26	21	Pass
NVNT	1-DH1	2441	2.23	21	Pass
NVNT	1-DH1	2480	1.99	21	Pass
NVNT	2-DH1	2402	2.64	21	Pass
NVNT	2-DH1	2441	2.71	21	Pass
NVNT	2-DH1	2480	2.50	21	Pass
NVNT	3-DH1	2402	3.00	21	Pass
NVNT	3-DH1	2441	3.10	21	Pass
NVNT	3-DH1	2480	2.88	21	Pass





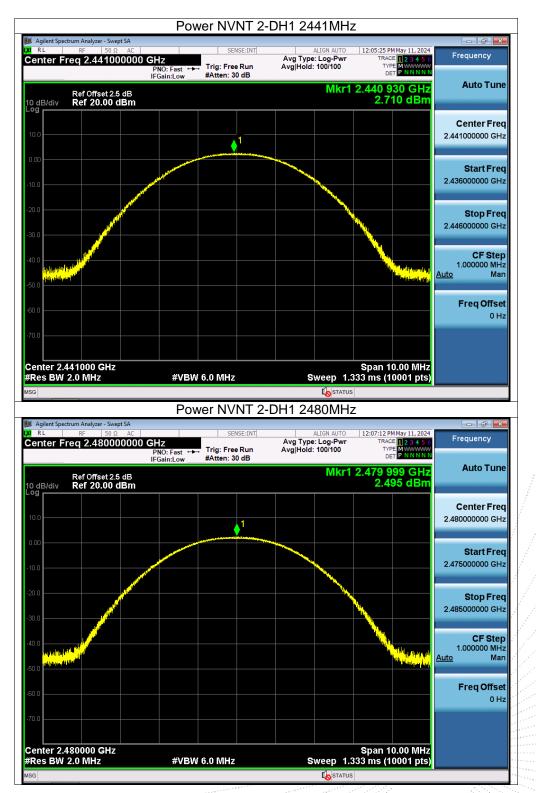
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12. Hopping Channel Separation

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.

odulation	Test Channel	Separation (MHz)	Limit(MHz)	Result
GFSK	Low Man	1.002	0.636	PASS
GFSK	Middle	1.002	0.583	PASS
GFSK	High	0.994	0.629	PASS
π/4 DQPSK	Low	1.004	0.832	PASS
π/4 DQPSK	Middle	1.002	0.829	PASS
π/4 DQPSK	High	0.996	0.834	PASS
8DPSK	Low	1.000	0.811	PASS
8DPSK	Middle	1.004	0.813	PASS
8DPSK	High	1.158	0.815	PASS

12.4 Test Result



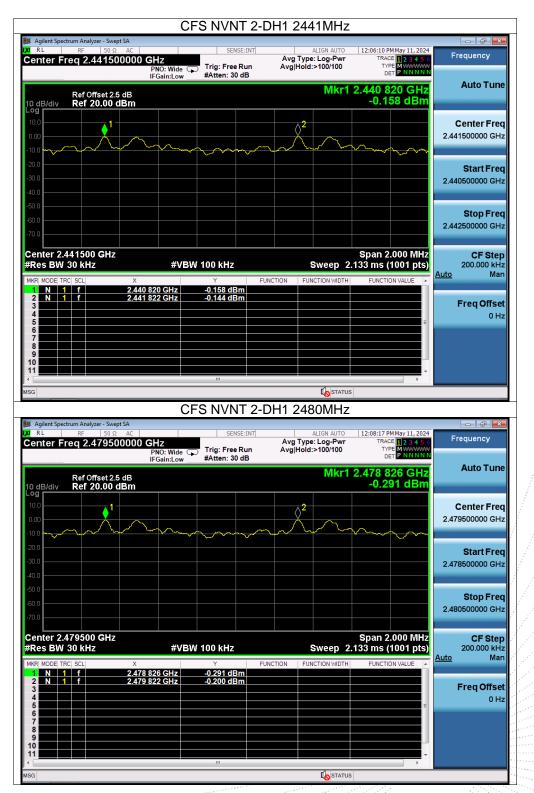
		Graphs DH1 2402MHz		
🕻 Agilent Spectrum Analyzer - Swept SA	CES INVINT 1-			
RL RF 50 Ω AC Center Freq 2.402500000	CHZ PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>100/100	11:56:32 AM May 11, 2024 TRACE 12 3 4 5 6 TYPE MWWWW DET PNNNN	Frequency
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm		Mkr1 2	401 828 GHz 0.052 dBm	Auto Tune
		2 2		Center Fred 2.402500000 GHz
20.0				Start Fred 2.401500000 GH;
50.0 60.0 70.0				Stop Fred 2.403500000 GH;
Center 2.402500 GHz #Res BW 30 kHz	#VBW 100 kHz	Sweep 2.13	Span 2.000 MHz 3 ms (1001 pts)	CF Step 200.000 kHz uto Mar
MKR MODE TRC SCI X 1 N 1 f 2.400 2 N 1 f 2.400 3 4 - - 6 - - - 7 - - - 8 - - - 9 - - -	1 828 GHz 0.052 dBm 2 830 GHz 0.066 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H:
10 sc Agilent Spectrum Analyzer - Swept SA	"" CFS NVNT 1-	DH1 2441MHz		
RL RF 50 Ω AC Center Freq 2.441500000	GHz PNO: Wide ↓ Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>100/100	11:58:32 AM May 11, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm	In Galillow with the up	Mkr1 2.	440 826 GHz 0.029 dBm	Auto Tune
		2		Center Fred 2.441500000 GH:
20.0				Start Free 2.440500000 GH
50.0 60.0 70.0				Stop Fred 2.442500000 GH:
Center 2.441500 GHz Res BW 30 kHz	#VBW 100 kHz	Sweep 2.13	Span 2.000 MHz 3 ms (1001 pts)	CF Step 200.000 kH: uto Mar
MKR MODE TRC SCL X 1 N 1 f 2.44 2 N 1 f 2.44 3	Y 9 0 826 GHz 0.029 dBm 1 828 GHz 0.105 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H:
7 8				



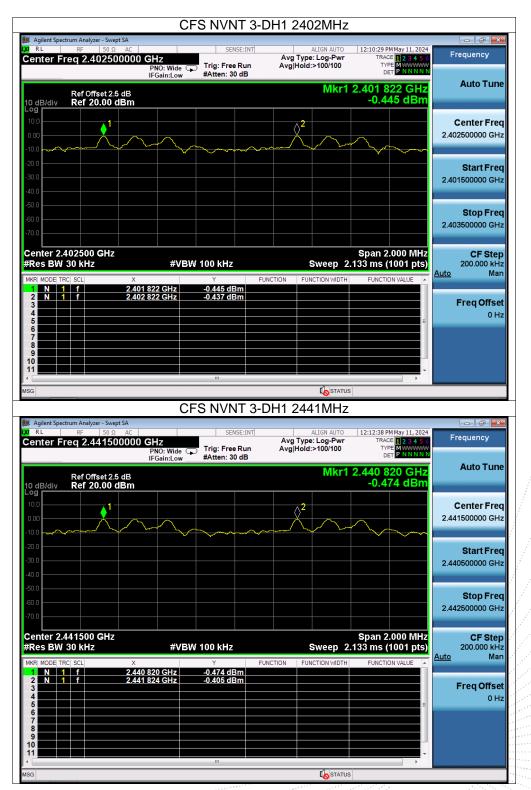












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	CFS NVNT 3-	DH1 2480MHz		
	PNO: Wide C Irig: Free Run	ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>100/100	12:14:46 PM May 11, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	☐ @ <mark>■</mark>
Ref Offset 2.5 dB	IFGain:Low #Atten: 30 dB	Mkr1 2	2.478 824 GHz -0.601 dBm	Auto Tune
Log 10.0 0.00 -10.0		2		Center Fred 2.479500000 GHz
-20.0				Start Fred 2.478500000 GH;
-60.0				Stop Fred 2.480500000 GH:
Center 2.479500 GHz #Res BW 30 kHz	#VBW 100 kHz		Span 2.000 MHz 33 ms (1001 pts)	CF Step 200.000 kH: Auto Mar
MKR MODE TRC SCI X 1 N 1 f 2.478 f 2 N 1 f 2.479 f 3 - - - 5 - - -	824 GHz -0.601 dBm 982 GHz -0.594 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 Hi
6 7 8 9 10				
MSG	m	K STATUS	• •	





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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

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	Test C Hopping No. NVN	Graphs T 1-DH1 2441M⊢	7	
l Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC	SENSE:INT		2:17:51 PM May 11, 2024	- ¢ 💌
Center Freq 2.44175000	DO GHZ PNO: Fast Trig: Free Run	Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5 6	Frequency
	IFGain:Low #Atten: 30 dB	Mkr1 2 40	2 004 0 GHz	Auto Tune
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBn			1.126 dBm	
10.0			<mark>2</mark>	Center Free
0.00 - ĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂĂ 10.0	ALLARAD ADDALADDALADDALADDALADDA	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		2.441750000 GH
	<u> </u>	. 4 • 4 • • 0 • 1 • 1 • 1 • 1 • 4 • 4 • 1 • 1 • 4 • 4	AAAAAAAAA	Start Free
40.0			2	2.400000000 GH
50.0 <mark>1</mark>				Stop Ero
50.0			2	Stop Fre 2.483500000 GH
tart 2.40000 GHz		<u> </u>	p 2.48350 GHz	05.04
Res BW 100 kHz	#VBW 300 kHz		0 ms (1001 pts)	CF Stej 8.350000 MH to Ma
1 N 1 f 2.40	02 004 0 GHz 1.126 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 2.4 3 4	79 993 0 GHz 0.636 dBm			Freq Offse
4 5 6			=	0 H
7 8				
9 10 11				
G G	m	I STATUS		
	Hopping No. NVN		7	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC			-	
enter Freg 2.4417500			2-22-47 DM Mov 11, 2024	
		ALIGN AUTO 1 Avg Type: Log-Pwr Avg Hold:>100/100	2:22:47 PM May 11, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	DO GHZ PNO: Fast IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 123456 TYPE MWWWW DET PNNNNN	Frequency
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBn	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET PNNNNN 1 586 5 GHz	Frequency Auto Tun
0 dB/div Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm 10.0 10.0 0 000 10.0	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm	Frequency Auto Tun Center Free
Ref Offset 2.5 dB g dB/div Ref 20.00 dBm 10.0 0.00 0.00	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm	Frequency Auto Tun Center Free 2.441750000 GH
Ref Offset 2.5 dB 0 dB/div 10.0 0.00 0	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm	Frequency Auto Tun Center Free 2.441750000 GH Start Free
Ref Offset 2.5 dB 0 dB/div 0 0 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm	Frequency Auto Tun Center Free 2.441750000 GH Start Free 2.4000000000 GH
Ref Offset 2.5 dB Ref 20.00 dBm 10.0 0.00 0.	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm	Frequency Auto Tun Center Free 2.441750000 GH Start Free 2.400000000 GH
Ref Offset 2.5 dB Ref 20.00 dBm 10.0 0.00 10.0 10	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm	Frequency Auto Tun Center Fre 2.441750000 GH Start Fre 2.400000000 GH Stop Fre
Ref Offset 2.5 dB Ref 20.00 dBm 9 9 10.0 0.00 0.	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm -3.399 dBm -3.390 dBm	Frequency Auto Turn Center Free 2.441750000 GH Start Free 2.400000000 GH Stop Free 2.483500000 GH CF Stej 8.350000 MH
Ref Offset 2.5 dB Ref 20.00 dBm 9 0 dB/div 10 0 00 0 00 0 00 0 00 0 00 0 00 0 00	PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Frequency Auto Turn Center Free 2.441750000 GH Start Free 2.400000000 GH Stop Free 2.483500000 GH CF Stej 8.350000 MH
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm 0 dB/div 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB MWW/WWW/WW/WW/W/W/W/W/ MWW/W/W/W/W/W/W/W/// MWW/W/W/W/W/// MWW/W/W/W/W/// MWW/W/W/W/// MWW/W/W/// MWW/W/// MWW/W/// MWW/W/// MW/W/// MW/// MW/// MW/// MW/// MW/// M//// M//// M//// M//// M//// M//// M//// M//// M///// M//// M////////	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Frequency Auto Tun Center Free 2.441750000 GH Start Free 2.400000000 GH Stop Free 2.48350000 GH CF Step 8.350000 GH Mai
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm 0 dB/div 0	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB MWW/W/W/W/W/W/W/M/M/ #Atten: 30 dB MWW/W/W/W/W/W/////////////////////////	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	1 586 5 GHz -3.399 dBm 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Start Frequency Auto Tum Center Freq 2.441750000 GH Start Freq 2.400000000 GH Stop Freq 2.48350000 GH CF Step 8.350000 MH Main Freq Offsee
Ref Offset 2.5 dB 0 dB/div Ref 20.00 dBm 0 g	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB MWW/W/W/W/W/W/W/M/M/ #Atten: 30 dB MWW/W/W/W/W/W/////////////////////////	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	TRACE 2:3:4:5:6 TYPE DET 1:586:5 GHz -3:399 dBm -3:399 dBm 2 -3:399 dBm 2 -3:000 dBm 3	Start Frequency Auto Tum Center Freq 2.441750000 GH Start Freq 2.400000000 GH Stop Freq 2.48350000 GH CF Step 8.350000 MH Main Freq Offsee
Ref Offset 2.5 dB Og Ref 20.00 dBm 0 g 10 0 0 00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 0.00 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB MWW/W/W/W/W/W/W/M/M/ #Atten: 30 dB MWW/W/W/W/W/W/////////////////////////	Avg Type: Log-Pwr Avg Hold:>100/100 Mkr1 2.40	TRACE 2:3:4:5:6 TYPE DET 1:586:5 GHz -3:399 dBm -3:399 dBm 2 -3:399 dBm 2 -3:000 dBm 3	Frequency Auto Tune Center Free 2.441750000 GH Start Free 2.400000000 GH Stop Free 2.483500000 GH CF Stej 8.350000 MH



	Hopping No. NVN	T 3-DH1 2441N	ЛНz	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC Center Freq 2.441750000 G		ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>100/100	12:27:51 PM May 11, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	-	401 503 0 GHz -4.401 dBm	Auto Tune
10.0	annawaanaaa		^2	Center Freq 2.441750000 GHz
-20.0				Start Fred 2.400000000 GHz
-60.0 -60.0 -70.0				Stop Free 2.483500000 GH:
Start 2.40000 GHz #Res BW 100 kHz	#VBW 300 kHz		Stop 2.48350 GHz .000 ms (1001 pts)	CF Step 8.350000 MHz Auto Mar
MKR MODE TRC SCI X 1 N 1 f 2.401 50 2 N 1 f 2.480 49 3 - - - 5 - - -	3 0 GHz -4.401 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offset
6 7 8 9 10				
MSG	111	I STATUS	•	





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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.

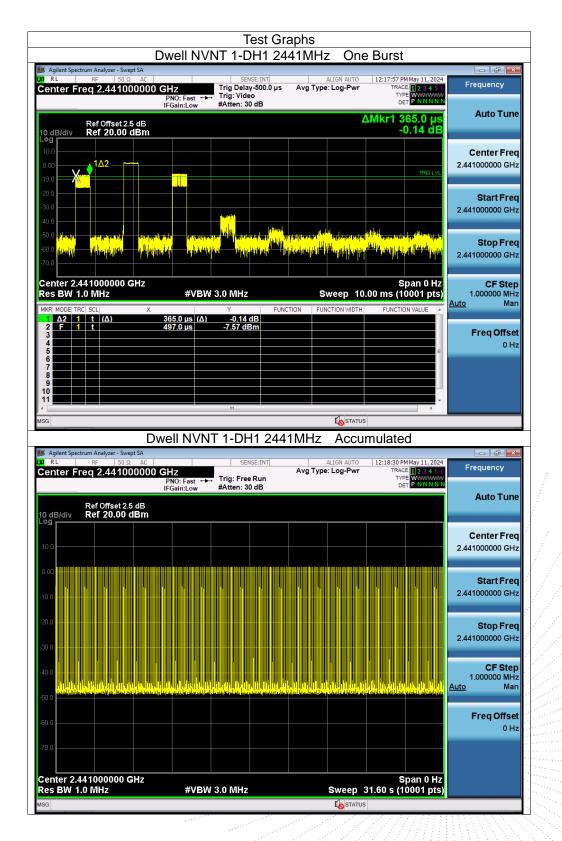
4. Use the marker-delta function to determine the dwell time. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation. The limit is specified in one of the subparagraphs of this Section. Submit this plot(s).

Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
1-DH1	2441	0.365	116.435	319	31600	400	Pass
1-DH3	2441	1.62	259.2	160	31600	400	Pass
1-DH5	2441	2.867	303.902	106	31600	400	Pass
2-DH1	2441	0.373	118.987	319	31600	400	Pass
2-DH3	2441	1.633	259.647	159	31600	400	Pass
2-DH5	2441	2.88	308.16	107	31600	400	Pass
3-DH1	2441	0.37	118.03	319	31600	400	Pass
3-DH3	2441	1.63	259.17	159	31600	400	Pass
3-DH5	2441	2.882	308.374	107	31600	400	Pass

14.4 Test Result

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





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No.: BCTC/RF-EMC-005

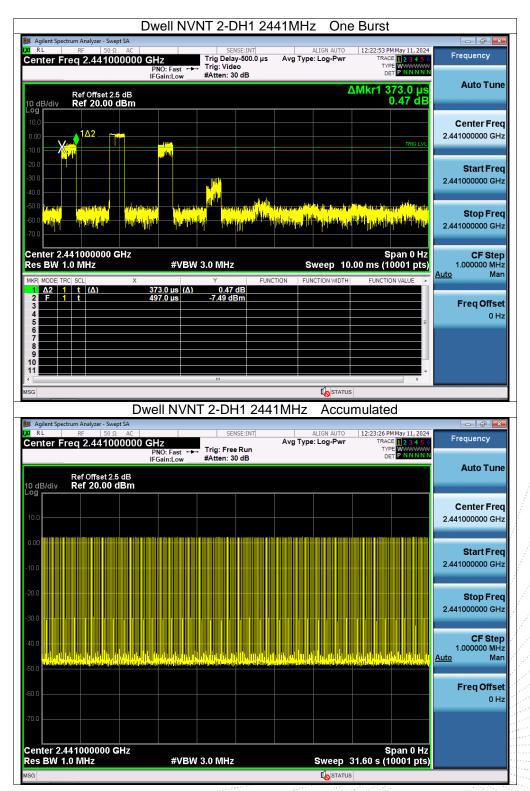


		/NT 1-DH3 2	2441MHz C	One Burst	
Agilent Spectrum Analyzer - Swept RL RF 50 Ω Center Freq 2.44100	AC 0000 GHz PNO: Fast ↔	SENSE:INT Trig Delay-500.0 µ	ALIGN AL IS Avg Type: Log-F		456 WWW
Ref Offset 2.5 10 dB/div Ref 20.00 d	IFGain:Low dB Bm	#Atten: 30 dB		ΔMkr1 1.620	ms Auto Tune
	1∆2			TRIC	Center Free 2.441000000 GH
20.0					Start Free 2.441000000 GH
50.0 4 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ten typed til en generaliset til en ten et generaliset til en generaliset til en ten ten ten ten ten ten ten ten ten	a kine til (den) A na hand por <mark>handen på sen sta det</mark> Man hand por handen på sen sta det	مارال المراجع ا مراجع مراجع المراجع الم مراجع المراجع ا	anna <mark>hailda da bara an anna dhara.</mark> Marta anna anna anna anna dhara	Stop Fre 2.441000000 GH
Center 2.441000000 G Res BW 1.0 MHz	#VB\	N 3.0 MHz	-	Span 0 10.00 ms (10001	ots) 1.000000 MH Auto Mar
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Х <u>1.620 ms</u> (Δ) 497.0 μs		UNCTION FUNCTION W	IDTH FUNCTION VALUE	Freq Offse
6 7 8 9 0					
			Les s	TATUS	×
	Dwell NVN	NT 1-DH3 24	~	cumulated	
Agilent Spectrum Analyzer - Swept RL RF 50 Ω enter Freq 2.44100	AC 0000 GHz PNO: Fast	SENSE:INT	ALIGN AL Avg Type: Log-F		456 Frequency
Ref Offset 2.5) dB/div Ref 20.00 d		#Atten: 30 dB			Auto Tun
0.0					Center Fre 2.441000000 GH
					Start Fre 2.441000000 GH
0.0					Stop Fre 2.441000000 GH
					CF Ste 1.000000 MH <u>Auto</u> Ma
50.0					Freq Offse
60.0					
enter 2.441000000 G					он



Agilent Spectrum Analyzer - Swept SA		VT 1-DH5 2		One Burst		
RL RF 50 Ω AC enter Freq 2.441000000		SENSE:INT Trig Delay-500.0 µs Trig: Video	ALIGN Avg Type: Log	-Pwr TRACE	May 11, 2024 1 2 3 4 5 6 WWWWWW	Frequency
Ref Offset 2.5 dB	PNO: Fast ↔ IFGain:Low	#Atten: 30 dB		Δ Mkr1 2.	B67 ms	Auto Tune
0 dB/div Ref 20.00 dBm 99 10.0				-1	.41 dB	Center Free
					TRIG LVL	2.441000000 GH:
20.0						Start Free 2.441000000 GH
			a kalen an historia an an an An an	den konstatistisee ta historia historia	ali etteriori Valayopetper	Stop Free
						2.441000000 GH
enter 2.441000000 GHz es BW 1.0 MHz	#VBW	3.0 MHz		p 10.00 ms (10		CF Step 1.000000 MH <u>Auto</u> Ma
KR MODE TRC SCL X 1 Δ2 1 t (Δ) 2 F 1 t 3	2.867 ms (Δ) 497.0 μs	-1.41 dB -6.86 dBm	INCTION FUNCTION	WIDTH FUNCTION	N VALUE	Freq Offse
4 5 6					=	он
7 8 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
11					•	
			Ú.	STATUS		
D	well NVN	Г 1-DH5 24		status ccumulated	t	
D Agilent Spectrum Analyzer - Swept SA R L RF 50 Ω AC) GHz	SENSE:INT		CCUMULATEC	May 11, 2024	Frequency
D Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC enter Freq 2.441000000 Ref Offset 2.5 dB		SENSE:INT	41MHz A	CCUMULATEC	May 11, 2024	Frequency
D Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC enter Freq 2.441000000 Ref Offset 2.5 dB dB/div Ref 20.00 dBm	O GHz PNO: Fast ↔	SENSE:INT	41MHz A	CCUMULATEC	May 11, 2024	Frequency Auto Tun Center Fre
D Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC enter Freq 2.441000000 Ref Offset 2.5 dB dEJ/div Ref 20.00 dBm	O GHz PNO: Fast ↔	SENSE:INT	41MHz A	CCUMULATEC	May 11, 2024	Frequency Auto Tun Center Fre
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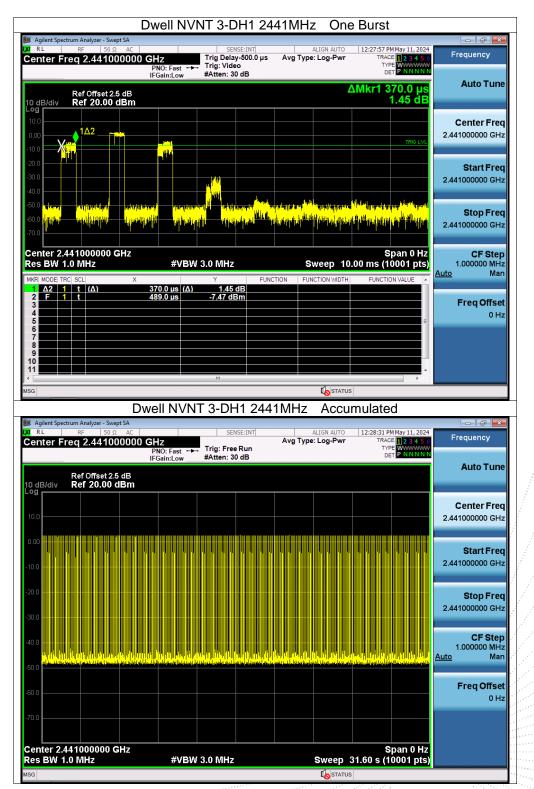
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enter 2.441000000 es BW 1.0 MHz		√ 3.0 MHz	Sweep 10.	Span 0 Hz .00 ms (10001 pts)	CF Ste 1.000000 MH
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7 8 9 0					
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G	Dwell N\/N	IT 3-DH3 244	1MHz Accu	mulated	
Agilent Spectrum Analyzer - So R L RF 50	wept SA Ω AC	SENSE:INT	ALIGN AUTO	12:34:56 PM May 11, 2024	Frequency
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	ell NVNT 3-DH5 24	441MHz One	e Burst	
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Center 2.441000000 GHz			Span 0 Hz	05.06
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Res BW 1.0 MHz	#VBW 3.0 MHz		31.60 s (10001 pts)	



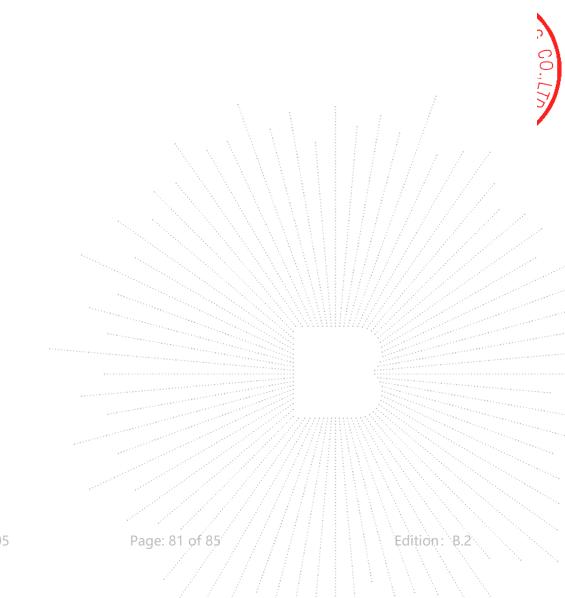
15. Antenna Requirement

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 PCB antenna, fulfill the requirement of this section.



No.: BCTC/RF-EMC-005



16. EUT Photographs

EUT Photo



NOTE: Appendix-Photographs Of EUT Constructional Details

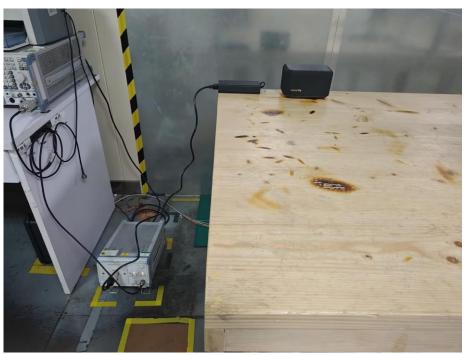
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17. EUT Test Setup Photographs

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

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

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