

D: Wide Trig: Free Rur ain:Low #Atten: 30 dB	Avg Hold:>100/100	Mkr1 2.478 834 GHz
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Mkr1 2.478 834 GHz 0.740 dBm
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	~~~~	
#VBW 100 kHz		Span 2.000 MHz Sweep 2.133 ms (1001 pts)
Y FUNCTIO		FUNCTION VALUE
0.745 dBm		
		E
	STATUS	
FS NVNT 2-DH	1 2402MHz	
SENSE:INT		04:35:17 PM Aug 15, 2022
		TYPE MWWWW DET PNNNN Mkr1 2.401 836 GHz
		0.246 dBm
	2	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man har	www.
#VBW 100 kHz	\$	Span 2.000 MHz (weep 2.133 ms (1001 pts)
0.246 dBm	N FUNCTION WIDTH	FUNCTION VALUE
0.600 dBm		
		E
	0.740 dBm 0.745 dBm 0.745 dBm File CFS NVNT 2-DH SENSE:INT Trig: Free Rur #Atten: 30 dB File File File File File File File File	Y       FUNCTION       FUNCTION WIDTH         0.740 dBm       FUNCTION WIDTH         0.745 dBm       FUNCTION         Wide       Trig: Free Run         SENSE:INT       ALIGN AUTO         O: Wide       Trig: Free Run         Mattern: 30 dB       Avg Hold:>100/100         #Avg Hold:>100/100         #VBW 100 KHz       S         Y       FUNCTION         Y       FUNCTION



Agilent Spectrum Analyzer - Swept SA			- 6 -
RL RF 50 Ω AC enter Freq 2.441500000 GHz	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	04:36:58 PM Aug 15, 202 TRACE 1 2 3 4 5
	PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Hold:>100/100	TYPE MWWWW DET PNNNN
Ref Offset 2.36 dB		Mkr	1 2.440 834 GH
dB/div Ref 20.00 dBm			0.522 dBm
.01		2	
.0			
0			
.0			
.0			
enter 2.441500 GHz tes BW 30 kHz	#VBW 100 kHz	Sween	Span 2.000 MH: 2.133 ms (1001 pts
	Y FUNCTION		CTION VALUE
N         1         f         2.440 834 GH           N         1         f         2.441 834 GH	z 0.522 dBm		
N 1 1 2.441 604 GH	2 0.303 0.511		
			======
		STATUS	
	CFS NVNT 2-DH1	2480MHz	
Agilent Spectrum Analyzer - Swept SA R.L RF 50 Ω AC	SENSE:INT	ALIGN AUTO	04:39:58 PM Aug 15, 202
nter Freq 2.479500000 GHz		Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5
	PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB		DET P NNNN
Ref Offset 2.4 dB		Mkr	1 2.478 834 GH 0.699 dBm
dB/div Ref 20.00 dBm			0.000 (10)
		$\diamond^2$	
		$\sim$	$\sim$
			~ ~ ~ ~
0			
.0			
.0			
.0			
enter 2.479500 GHz tes BW 30 kHz	#VBW 100 kHz	Sweep	Span 2.000 MH: 2.133 ms (1001 pts
R MODE TRC SCL X	Y FUNCTION		CTION VALUE
N 1 f 2.478 834 GH N 1 f 2.479 830 GH			
	m		F



Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC	SENSE:INT	ALIGN AUTO	04:41:31 PM Aug 15, 202
enter Freq 2.402500000 GHz	PNO: Wide 🕞 Trig: Free Run	Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5 TYPE MWWWW DET P N N N N
Ref Offset 2.34 dB	IFGain:Low #Atten: 30 dB	Mkr	1 2.401 830 GHz
dB/div Ref 20.00 dBm			0.319 dBm
		2	
1.0 1.0			
.0			
.0			
.0			
enter 2.402500 GHz Res BW 30 kHz	#VBW 100 kHz	Sweep	Span 2.000 MHz 2.133 ms (1001 pts)
R MODE TRC SCL X N 1 f 2.401 830 GHz	Y FUNCTION 0.319 dBm	FUNCTION WIDTH FUN	CTION VALUE
N 1 f 2.402 834 GHz	2 0.323 dBm		
	m	STATUS	•
	CFS NVNT 3-DH1	2441MHz	
Agilent Spectrum Analyzer - Swept SA R L RF 50 Ω AC	SENSE:INT	ALIGN AUTO	04:43:00 PM Aug 15, 202
enter Freq 2.441500000 GHz	PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold:>100/100	TRACE 1 2 3 4 5 TYPE M WWWW DET P N N N N
Ref Offset 2.36 dB	our our our of the second s	Mkr	1 2.440 830 GHz
dB/div Ref 20.00 dBm			0.253 dBm
		2	
.0			
1.0			
.0			
.0			
enter 2.441500 GHz Res BW 30 kHz	#VBW 100 kHz	Sween	Span 2.000 MHz 2.133 ms (1001 pts)
R MODE TRC SCL X	Y FUNCTION		CTION VALUE
N         1         f         2.440 830 GHz           2         N         1         f         2.441 832 GHz	2 0.253 dBm 2 0.218 dBm		



		g: Free Run tten: 30 dB	ALIGN AUTO Avg Type: I Avg Hold:>		04:44:57 PM Aug 15, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNN
Center Freq 2.479500000 GHz Ref Offset 2.4 dB 10 dB/div Ref 20.00 dBm	PNO: Wide 😱 Tri	g: Free Run	Avg Type: I		TRACE 1 2 3 4 5 (
10 dB/div Ref 20.00 dBm					DETPININN
				Mkr1 2	2.478 836 GHz 0.474 dBm
			2 2		
-20.0					
-50.0					
Center 2.479500 GHz #Res BW 30 kHz	#VBW 10	0 kHz		Sweep 2.1	Span 2.000 MHz  33 ms (1001 pts
MKR         MODE         TRC         SCL         X           1         N         1         f         2.478         836         GHz           2         N         1         f         2.479         830         GHz           3		FUNCTION	FUNCTION WIDTH	FUNCTIO	N VALUE
4 5 6 7 7 8 9 9					
			STATUS		•



# **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.

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.
 Set the spectrum analyzer: Start Frequency = 2.4GHz, Stop Frequency = 2.4835GHz. Sweep=auto;

Page 68 of 82



# 13.4 Test Result

gilent Spectrum Analyzer - Swept SA	opping No. NVNT	1-DH1 2441MH	Z
RL RF 50 Ω AC nter Freq 2.441750000 GHz	PNO: Fast D Trig: Free	ALIGN AUTO Avg Type: L Run Avg Hold:>1	00/100 TYPE M MAAAAAAA
	PNO: Fast C Trig: Free IFGain:Low #Atten: 30		Mkr1 2.402 004 0 GH
Ref Offset 2.36 dB B/div Ref 20.00 dBm			2.441 dBr
1 <u>AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</u>			
	IAMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	<u> AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</u>	
			V
rt 2.40000 GHz es BW 100 kHz	#VBW 300 kH;	2	Stop 2.48350 GH Sweep 8.000 ms (1001 pts
MODE TRC SCL X N 1 f 2.402 004 0 C	Hz 2.441 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE
N 1 f 2.480 076 5 G	GHz 1.263 dBm		
			, A
	opping No. NVNT		<b>-</b>
gilent Spectrum Analyzer - Swept SA R.L. RF 50 Ω AC			C4:37:55 PM Aug 15, 20
nter Freq 2.441750000 GHz	PNO: Fast 😱 Trig: Free	Avg Type: L Run Avg Hold:>1	og-Pwr TRACE 1 2 3 4 5
Ref Offset 2.36 dB	IFGain:Low #Atten: 30	J 4B	Mkr1 2.401 503 0 GH
IB/div Ref 20.00 dBm			-5.274 dBr
<ul> <li>ปีหังสมัยและเป็นสมัยเหล่า</li> </ul>	ስአክռոሌላላንቢልፈላላንፈላላን	ւռուդուդին	
			U,
) )			
rt 2.40000 GHz			Stop 2.48350 GH
MODE TRC SCL X	#VBW 300 kHz		Sweep 8.000 ms (1001 pts
N         1         f         2.401 503 0 G           N         1         f         2.479 826 0 G	Hz -5.274 dBm		

No.: BCTC/RF-EMC-005





Ho	pping No. NVN	NT 3-DH1 24	141MHz	
Agilent Spectrum Analyzer - Swept SA     RL RF 50 Ω AC     Center Freq 2.441750000 GHz			AUTO Avg Type: Log-Pwr Avg Hold:>100/100	04:43:32 PM Aug 15, 202 TRACE 1 2 3 4 5 TYPE M WWWWW DET P NNNN
Ref Offset 2.36 dB 10 dB/div Ref 20.00 dBm			Mkr	1 2.401 503 0 GHz -5.054 dBm
Log 100 100 100 100 100 100 100 10				
Start 2.40000 GHz #Res BW 100 kHz	#VBW 300 I	(Hz	Sweep	Stop 2.48350 GHz 8.000 ms (1001 pts
MKR         MODE         TRC         SCL         X           1         N         1         f         2.401         503         0 GH           2         N         1         f         2.480         160         0 GH           3         -         -         -         -         -         -         -           4         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -		FUNCTION   FUNCTION	N WADTH FU	UNCTION VALUE
9 10 11 Asg			STATUS	

No.: BCTC/RF-EMC-005

Page 70 of 82



# 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).

Page 71 of 82



# 14.4 Test Result

DH5 Packet permit maximum 1600 / 79 / 6 hops per second in each channel (5 time slots RX, 1 time slot TX).

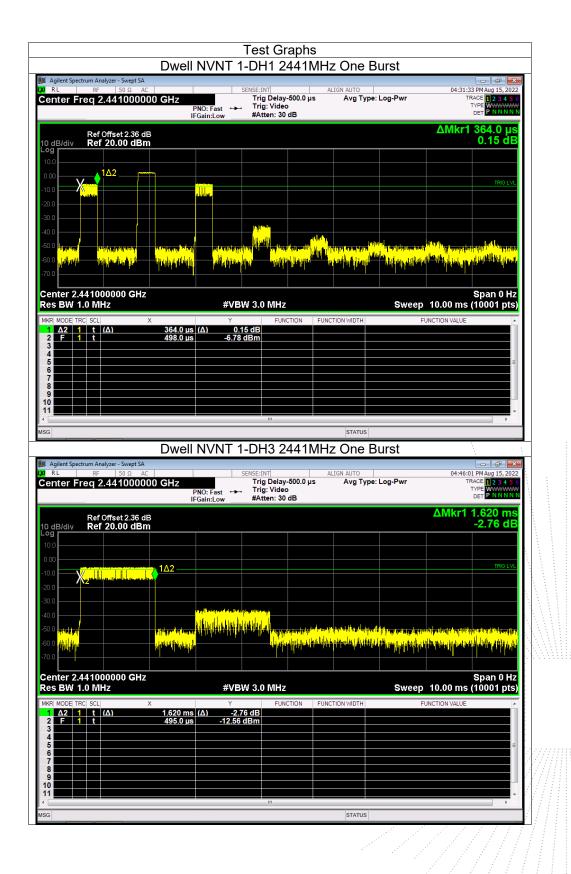
DH3 Packet permit maximum 1600 / 79 / 4 hops per second in each channel (3 time slots RX, 1 time slot TX).

DH1 Packet permit maximum 1600 / 79 /2 hops per second in each channel (1 time slot RX, 1 time slot TX). So, the Dwell Time can be calculated as follows:

DH5:1600/79/6*0.4*79*(MkrDelta)/1000 DH3:1600/79/4*0.4*79*(MkrDelta)/1000 DH1:1600/79/2*0.4*79*(MkrDelta)/1000 Remark: Mkr Delta is once pulse time.

Modulation	Channel Data	Packet	pulse time(ms)	Dwell Time(s)	Limits(s)
		DH1	0.364	0.116	0.4
GFSK	Middle	DH3	1.62	0.259	0.4
		DH5	2.868	0.306	0.4
		2DH1	0.372	0.119	0.4
π/4DQPSK	Middle	2DH3	1.628	0.260	0.4
		2DH5	2.876	0.307	0.4
		3DH1	0.37	0.118	0.4
8DPSK	Middle	3DH3	1.628	0.260	0.4
		3DH5	2.88	0.307	0.4









nter Freq 2.4410	PN	0: Fast ↔⊷ 1	E:INT Frig Delay-500.0 μs Frig: Video	ALIGN AUTO Avg Type:	Log-Pwr	04:46:4 T	9 PM Aug 15, 202 RACE 1 2 3 4 5 TYPE WWWWW DET P N N N N
Ref Offset 2	.36 dB	ain:Low #	#Atten: 30 dB			ΔMkr1	2.868 m
dB/div Ref 20.00	dBm						2.35 dE
.0		1Δ2					TRIG LV
	nenatulite o Lukitleice, lukein ca	<u></u>					IRIG LV
0							
		S at least to a	allour Approachaile an an an	Ministration of the second second second	a di		
		- Alapater	<mark>den die aller aller die seine die seine die seine die seine seine seine seine seine seine seine seine seine sein</mark>	i li ku davil posletji kale kale kale kale kale kale kale kale	all	ildina, <mark>la di</mark> dan	
nter 2.441000000	CH2						Span 0 H:
s BW 1.0 MHz	GHZ	#VBW 3				10.00 ms	(10001 pts
R MODE TRC SCL Δ2 1 t (Δ) F 1 t	× 2.868 ms (/ 494.0 μs	Y <u> ∆) 2.35 d</u> -14.90 dBr	B	NCTION WIDTH	F	UNCTION VALUE	
	494.0 µ5	-14.90 081					
			III				
				STATUS			
Agilent Spectrum Analyzer - Sw	ept SA	NVNT 2-L	DH1 2441MF	12 One B	urst		
nter Freq 2.4410	00000 GHz	1	EE:INT Frig Delay-500.0 μs Frig: Video	ALIGN AUTO Avg Type:	Log-Pwr	т	01 PM Aug 15, 202 RACE 1 2 3 4 5 TYPE WWWWW
	IFG		≇Atten: 30 dB				372.0 μ
Ref Offset 2 dB/div Ref 20.00	.36 dB <b>dBm</b>						-0.37 di
0							
0 <b></b>  Δ2							TRIG LV
. <b>- X<u>III</u></b>	د محمد وی ک						
		enti eran dare e		i da sedera pride piper da Internet constructione			, da stalika jedna je Ta na sa ka stilo rada
		ns var der b		t a ana shariya da Typic (Adactor)			a da de sub seda un ba la pla un ba ditta antar
0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 <mark>44</mark> 410000	A JUN 10 Lot 10	(   Matematispics   p = Matematispics   p = Matematispics		anta L _{atab} r	Span 0 H:
0 4 4 4 4 4 4 4 4 4 4 4 4 4	GHz X	#VBW 3	3.0 MHz		Sweep	10.00 ms	Span 0 H:
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         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	GHz	#VBW 3	3.0 MHz	<mark>ti (</mark> ₍ _{) (} ), ₍ ) ₍ ) ₍ ) (decisione ⁽¹⁾ )	Sweep	10.00 ms	Span 0 H: (10001 pts
α         (fp) (s)	GHz 372.0 us (/	#VBW 3 *	3.0 MHz	<mark>ti (</mark> ₍ _{) (} ), ₍ ) ₍ ) ₍ ) (decisione ⁽¹⁾ )	Sweep	10.00 ms	Span 0 H: (10001 pts
C C C C C C C C C C C C C C C C C C C	GHz 372.0 us (/	#VBW 3 *	3.0 MHz	<mark>ti (</mark> ₍ _{) (} ), ₍ ) ₍ ) ₍ ) (decisione ⁽¹⁾ )	Sweep	10.00 ms	Span 0 H: (10001 pts





Agilent Spectrum Analyzer - Swep		- cruci	E-INT	ALIGN AUTO		04.47	
RL RF 50 Ω enter Freq 2.44100	00000 GHz	NO: Fast +++ T	E:INT rig Delay-500.0 μs rig: Video Atten: 30 dB	ALIGN AUTO Avg Type	: Log-Pwr	04:47: T	38 PM Aug 15, 2022 RACE 1 2 3 4 5 6 TYPE WWWWWWW DET PNNNN
Ref Offset 2.3 dB/div Ref 20.00 (						ΔMkr1	1.628 ms 2.73 dB
د میں بالد مقدولة <b>لوہ</b>	1Δ2						TRIG LVL
	didan da						
0.0							
0.0	المراجع اللي المراجع اللي المراجع المراجع المراجع المراجع اللي المراجع اللي المراجع المراجع المراجع المراجع ال	ili u ni shekara		a jini da ka ka a a kajista	e ^{ll} in the second state	Tel grant y faat mat	a long b ^{ili} ng pinen ti
0.0 <mark>platum</mark>	1.00 Diskington a bir	lin alithu y shallan added	and the state of the state				hires how hit into
enter 2.441000000 Q	H7						Span 0 Hz
es BW 1.0 MHz		#VBW 3			· ·		(10001 pts)
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	× 1.628 ms 496.0 μs	(Δ) 2.73 di -11.83 dBn	в	UNCTION WIDTH	F	UNCTION VALUE	^
3 4 9	490.0 µs	-11.85 UBI					
5 6 7							E
B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B							
1							
3			III	STATUS			• • •
		NVNT 2-D	H5 2441M		Burst		+
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω	AC AC	SENS	0H5 2441M	Hz One E		04:48: T	43 PM Aug 15, 2022
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω	at SA AC 00000 GHz P	SENSI T NO: Fast ↔ T	0H5 2441M	Hz One E	Burst : Log-Pwr	04:48: T	
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.44100 Ref Offset 2.3	AC A	SENSI T NO: Fast	DH5 2441M E:INT   rig Delay-500.0 µs rig: Video	Hz One E		Т	A3 PM Aug 15, 2022 RACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N 2.876 ms
Agilent Spectrum Analyzer - Swer RL RF 50 Ω enter Freq 2.44100 Ref Offset 2.3 dB/div Ref 20.00 d	AC A	SENSI T NO: Fast	DH5 2441M E:INT   rig Delay-500.0 µs rig: Video	Hz One E		Т	43 PM Aug 15, 2022 RACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω enter Freq 2.44100 Ref Offset 2.3 dB/div Ref 20.00 d	AC A	SENSI T NO: Fast	DH5 2441M E:INT   rig Delay-500.0 µs rig: Video	Hz One E		Т	43 PMAug 15, 2022 RACE 1 2 3 4 5 6 TYPE WWWWWW DET P NNNNN 2.876 ms 1.32 dB
Agilent Spectrum Analyzer - Swee RL RF 50 Ω enter Freq 2.44100 B/div Ref 20.00 o	AC A	NO: Fast Gain:Low #	DH5 2441M E:INT   rig Delay-500.0 µs rig: Video	Hz One E		Т	A3 PM Aug 15, 2022 RACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N 2.876 ms
Agilent Spectrum Analyzer - Swee RL RF 50 Ω enter Freq 2.44100 B/div Ref 20.00 o g 00 00 00 00 00 00 00 00 00 00 00 00 0	AC PIERA AC PIERA JOOOO GHZ PIERA JBM	NO: Fast Gain:Low #	DH5 2441M E:INT   rig Delay-500.0 µs rig: Video	Hz One E		Т	43 PMAug 15, 2022 RACE 1 2 3 4 5 6 TYPE WWWWWW DET P NNNNN 2.876 ms 1.32 dB
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω enter Freq 2.44100 Ref Offset 2.3 dB/div Ref 20.00 of 00 00 00 00 00 00 00 00 00 00 00 00 00	AC PIERA AC PIERA JOOOO GHZ PIERA JBM	SENSI NO: Fast → T Gain:Low → #	H5 2441M	ALIGN AUTO Avg Type	: Log-Pwr	ΔMkr1	13 PMANg 15, 2022 RACE    2 3 4 5 6 TYPE    2 3 4 5 6 PEP    NNNNN 2.876 ms 1.32 dB
Agilent Spectrum Analyzer - Swe RL RF 50 Ω enter Freq 2.44100 Ref Offset 2.3 dB/div Ref 20.00 of 0 0 0 0 0 0 0 0 0 0 0 0 0	AC PIERA AC PIERA JOOOO GHZ PIERA JBM	SENSI NO: Fast → T Gain:Low → #	DH5 2441M E:INT   rig Delay-500.0 µs rig: Video	ALIGN AUTO Avg Type	: Log-Pwr	ΔMkr1	13 PMANg 15, 2022 RACE    2 3 4 5 6 TYPE    2 3 4 5 6 PEP    NNNNN 2.876 ms 1.32 dB
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω enter Freq 2.44100 Ref Offset 2.3 Ref Offset 2.3 Ref 20.00 0	AC PIERA AC PIERA JOOOO GHZ PIERA JBM	SENSI NO: Fast → T Gain:Low → #	PH5 2441M	ALIGN AUTO AVG Type	: Log-Pwr	ΔMkr1	13 PMANg 15, 2022 RACE    2 3 4 5 6 TYPE    2 3 4 5 6 PEP    NNNNN 2.876 ms 1.32 dB
Agilent Spectrum Analyzer - Sweg           RL         RF         50 Ω           enter Freq 2.44100         Ref Offset 2.3         Ref Offset 2.4           dB/div         Ref 20.00 of         Ref 20.00 of         Ref 20.00 of           0000         2.3         1.4         1.4         1.4           0000         2.3         1.4         1.4         1.4         1.4           0000         2.3         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4         1.4	AC     AC     100000 GHz P IF 36 dB JBm 4 4 9 40 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 9 (4 9 (4 9 9 (4 9 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9 (4 9) (4 9) (4 (	SENSI Sein:Low T T Gain:Low # 1Δ2 αντικ ημηίρα μ	PH5 2441M	ALIGN AUTO AVG Type			13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω enter Freq 2.44100	AC PICTURE PIC	SENSI Sein:Low T T Gain:Low # 1∆2 PUIU PUIU PUIU PUIU PUIU PUIU PUIU PUI	PH5 2441M	ALIGN AUTO AVG Type	: Log-Pwr		13 PMANg 15, 2022 RACE    2 3 4 5 6 DET P NNNN N 2.876 ms 1.32 dB TRIO LVL
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω enter Freq 2.44100 B/div Ref 20.00 of Ref Offset 2.3 Comparison of the second	AC     AC     PIC   P	SENSI Sein:Low T T Gain:Low # 1∆2 PUIU PUIU PUIU PUIU PUIU PUIU PUIU PUI	H5 2441M	ALIGN AUTO Avg Type	: Log-Pwr	مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع	13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz
Ref Offset 2.3           B/div         Ref 20.00 of           B/div         Ref	AC         P           AC         P           AC         P           JD0000 GHz         P           JB         P <t< td=""><td>SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A</td><td>H5 2441M</td><td>ALIGN AUTO Avg Type</td><td>: Log-Pwr</td><td>مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع</td><td>13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz</td></t<>	SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A	H5 2441M	ALIGN AUTO Avg Type	: Log-Pwr	مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع	13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz
Agilent Spectrum Analyzer - Sweg RL RF 50 Ω enter Freq 2.44100 B/div Ref 20.00 of Ref Offset 2.3 Comparison of the second	AC         P           AC         P           AC         P           JD0000 GHz         P           JB         P <t< td=""><td>SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A</td><td>H5 2441M</td><td>ALIGN AUTO Avg Type</td><td>: Log-Pwr</td><td>مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع</td><td>13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz</td></t<>	SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A	H5 2441M	ALIGN AUTO Avg Type	: Log-Pwr	مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع	13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz
Agilent Spectrum Analyzer - Sweg           RL         RF         50 Ω           Conter Freq 2.44100         Ref 0ffset 2.3           Conter Freq 2.44100         Ref 20.00 of           Q         Agilent Spectrum Analyzer - Sweg           B         Ref 20.00 of           Q         Agilent Spectrum Analyzer - Sweg           Q         Agilent Spectrum Analyzer	AC         P           AC         P           AC         P           JD0000 GHz         P           JB         P <t< td=""><td>SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A</td><td>H5 2441M</td><td>ALIGN AUTO Avg Type</td><td>: Log-Pwr</td><td>مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع</td><td>13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz</td></t<>	SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A	H5 2441M	ALIGN AUTO Avg Type	: Log-Pwr	مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع	13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz
Agilent Spectrum Analyzer - Swer RL RF 50 Ω enter Freq 2.44100	AC         P           AC         P           AC         P           JD0000 GHz         P           JB         P <t< td=""><td>SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A</td><td>H5 2441M</td><td>ALIGN AUTO Avg Type</td><td>: Log-Pwr</td><td>مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع</td><td>13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz</td></t<>	SENSI T NO: Fast → T Gain:Low → T T T A T A T A T A T A T A T A T A T A	H5 2441M	ALIGN AUTO Avg Type	: Log-Pwr	مرابط المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع	13 PMANg 15, 2022 RACE    2 3 4 5 6 TPP    2 3 4 5 6 DEF    NANNIN 2.876 ms 1.32 dB TRIO LVL TRIO LVL Span 0 Hz

Edition: A.5





	AC 000 GHz PNO: IFGain	Fast 🛶 Trig: V	elay-500.0 µs	ALIGN AUTO Avg Type:	Log-Pwr	TR	3 PM Aug 15, 2022 ACE 1 2 3 4 5 YPE WWWWWW DET P NNNN
Ref Offset 2.36 0 dB/div Ref 20.00 dE	dB Sm					ΔMkr1	370.0 μs 1.11 dB
og 10.0							
							TRIG LVL
20.0							
0.0							
	La casa da da da da da c		nar i serara da la <mark>Alba ba</mark>		and an and a prior state Heating of the second state	and the second second	
		and the state of the	Million and a second for	l (nahtikan di dan di di	, and the second se		
enter 2.441000000 GH	z	#) (B)W 0.0 N	au		<u> </u>	40.00	Span 0 Hz
ES BW 1.0 MHZ	Х	#VBW 3.0 N		CTION WIDTH		10.00 ms (	10001 pts,
1 Δ2 1 t (Δ) 2 F 1 t 3	370.0 μs (Δ) 497.0 μs	1.11 dB -6.73 dBm					
4 5 6							=
7 8							
9 0 1							-
G		m		STATUS			Þ
	Dwell N\	/NT 3-DH3	3 2441MH	z One B	urst		
	AC	SENSE:INT		ALIGN AUTO		04:51:3	PM Aug 15, 2022
enter Freq 2.441000	000 GHZ PNO: IFGain	Fast Trig: V	elay-500.0 μs /ideo η: 30 dΒ	Avg Type:	Log-Pwr	T T	ACE 12345 YPE WWWWWWWW DET PNNNN
Ref Offset 2.36						ΔMkr1	1.628 ms -0.10 dB
0 dB/div Ref 20.00 dE	sm 						-0.10 at
	<u></u>						TRIG LVL
		a literati <u>a literati a literati</u> a					
			i ala ka se tinggal ne s ^{i di} settilit			unerset in the set of	tin langa linga ter
0.0			and the second second	الليسانين الالاي ألاليل	لاراديا والامراطية	لر بالثارية فالبأة ليت	ala tati a kata a
0.0 0.0 0.0 Und Perf.	, and the solution of the	,			an bernahan ku	THE F. P. P.	
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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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			and the second		an belon cabrid bar		Snan 0 Hz
enter 2.441000000 GH		#VBW 3.0 M			Sweep	10.00 ms (	Span 0 Hz [10001 pts]
0.0 0.0 0.0 enter 2.441000000 GH es BW 1.0 MHz KR MODE TRC SCLI 1 Δ2 1 t (Δ)	Iz Χ 1.628 ms (Δ)	ү -0.10 dB			Sweep		
enter 2.441000000 GH es BW 1.0 MHz KR MODE TRC SCL 1 A2 1 t (A) 2 F 1 t 3 4		Y			Sweep	10.00 ms (	
$\begin{array}{c} 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 \\ 0.0 \\ 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 \\ 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 \\ 0.0 \\ 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 \\ 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 \\ 0.0 \\ 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 \\ 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 \\ 0.0 \\ 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 \\ 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 \\$	Iz Χ 1.628 ms (Δ)	ү -0.10 dB			Sweep	10.00 ms (	





	Dwell N						
Agilent Spectrum Analyzer - Swept S							- ¢
RL RF 50 Ω enter Freq 2.441000	PN	IO: Fast ↔ Tri	ig Delay-500.0 μ ig: Video \tten: 30 dB	ALIGN AUTO JS Avg Type	e: Log-Pwr		TYPE PNNN
Ref Offset 2.36						∆Mkr1	2.880 m -4.25 d
pg							
.00		1Δ2					
X <mark>erada erada e</mark> rada erada erad	Nicilia Calcine Carol						TRIG L
D.0							
0.0							
גער							
							⁴ Phys ^{ia} nd Physical (1994) 
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 2		<mark>una parte</mark> de la foit de la foit de la foit		<mark>up han an har t</mark>		Span 0 I
an a	X	#VBW 3.	O MHZ		Sweep	<mark>hadina ang biyun</mark>	Span 0 I
Aren H Aren H enter 2.441000000 GH es BW 1.0 MHz R MODE TRC SCL A2 1 t (A)	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
Image: 1	X	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
0.0         1/2010           0.0         1/2010           0.0         1/2010           enter 2.441000000 GH           cs BW 1.0 MHz           R MODE TRCI SCL           1         2           F         1           3           4	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
Area         Area           Area         Area           Area         Area           Area         Area           Benter 2.441000000 GH         BW 1.0 MHz           SR         Model TRCI SCL           Area         Area           Area         Area           GR         Model TRCi SCL           Area         Area	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
and an and a second s	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
Image: 1         Image: 1           Image: 1         Image: 1<	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
Accept         Accept           0.0         Accept           0.0         Accept           center 2.441000000 GH           center 2.4410000000 GH           center 2.4410000000 GH           center 2.44100000000 GH           center 2.44100000000 GH           center 2.44100000000000000000000000000000000000	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I
α         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ           Δ         Δ	X 2.880 ms (/	#VBW 3.		ilini ili	Sweep	10.00 ms	Span 0 I

#### Dwell NVNT 3-DH5 2441MHz One Burst



# 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

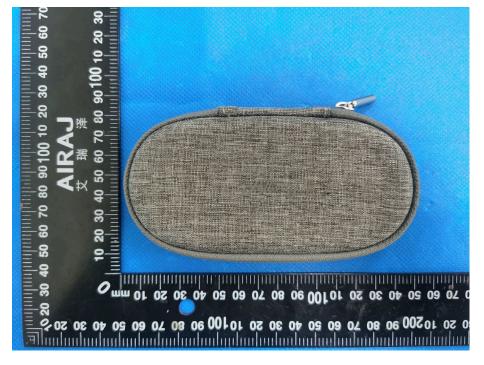
The EUT antenna is Internal antenna, The antenna gain is -2.05dBi, fulfill the requirement of this section.

Page 78 of 82 Edition: A.5



# 16. EUT Photographs

#### EUT Photo 1



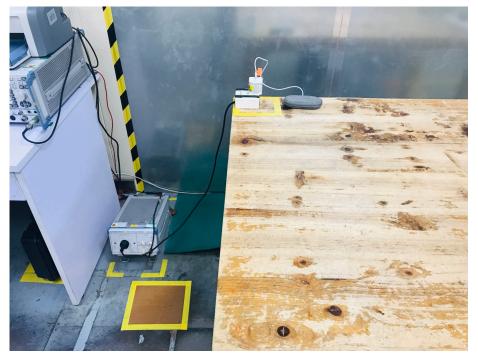
#### EUT Photo 2



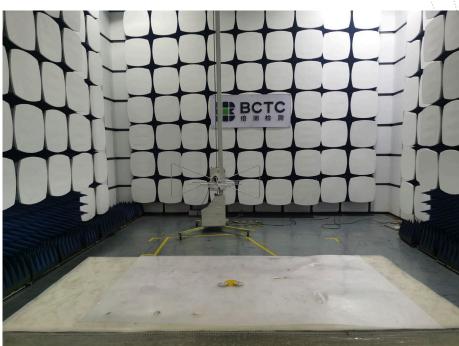


# 17. EUT Test Setup Photographs

# **Conducted Measurement Photo**



**Radiated Measurement Photos** 



Page 80 of 82





No.: BCTC/RF-EMC-005

Page 81 of 82



# 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 test report without CMA mark is only used for scientific research, teaching, enterprise product development and internal quality control purposes.

8. The quality system of our laboratory is in accordance with ISO/IEC17025.

9. 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

E-Mail: bctc@bctc-lab.com.cn

#### ******** END *******