

	ept SA				
RL RF 50 Ω enter Freq 2.44150		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	07:06:57 PMDec 18, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	PNO: Wide 😱 IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold:>100/100	DET P N N N N	
Ref Offset 2.0			Mkr1	2.440 830 GHz	Auto Tur
0 dB/div Ref 20.00 0				-4.920 dBm	
10.0					Center Fre
o ↓			²		2.441500000 GH
	man from the second	m		m	
20.0					Start Fre
40.0					2.440500000 GH
50.0					
50.0					Stop Fre
70.0					2.442500000 GH
enter 2.441500 GHz				Span 2.000 MHz	CE Sta
Res BW 30 kHz		100 kHz	Sweep 2	.133 ms (1001 pts)	CF Ste 200.000 kł
KR MODE TRC SCL	× 2.440 830 GHz	Y FL -4.920 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 f	2.440 830 GHz	-4.920 dBm -5.182 dBm			Freq Offs
4					01
6 7					
8					
10					
		IIII		×	
SG			STATU	2	
	CF	S NVNT 2-[DH1 2480MHz		
	ept SA		DH1 2480MHz		
RL RF 50Ω	ept SA AC	SENSE:INT	DH1 2480MHz ALIGNAUTO Avg Type: Log-Pwr	07:09:24 PMDec 18, 2024 TRACE 123456 TYPE MAXAMA	Frequency
RL RF 50Ω	ept SA AC		DH1 2480MHz Alignauto Avg Type: Log-Pwr Avg Hold:>100/100	07:09:24 PMDec: 18, 2024 TRACE 2 3 4 5 5 TYPE MWWWWW DET P.N.N.N.N	
RL RF 50Ω enter Freq 2.47950 Ref Offset2.0	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr Avg Hold:>100/100	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	
RL RF 50 Ω center Freq 2.47950 Ref Offset 2.4 0 dB/div Ref 20.00	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr Avg Hold:>100/100	07:09:24 PMDec: 18, 2024 TRACE 2 3 4 5 5 TYPE MWWWWW DET P.N.N.N.N	
RL RF 50 Q enter Freq 2.47950 Ref Offset 2.4 0 dB/div Ref 20.000	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre
RL RF 50 Q enter Freq 2.4795(Ref Offset 2. 0 dB/div Ref 20.00 (9 0 0.00 10 0	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr Avg Hold:>100/100	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre
RE RF 50 Q enter Freq 2.4795(Ref Offset 2.1 0 dB/div Ref 20.00 (9 0 10	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre 2.479500000 Gł
RE RF 50 Q Senter Freq 2.4795(Ref Offset 2.1 0 dB/div Ref 20.00 9 10 0 0.00	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre 2.479500000 GH Start Fre
RE FEQ 2.47950 Ref Offset 2.1 0 dB/div Ref 20.00 9 10 0 0 000 0 00	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre 2.479500000 GH Start Fre
RE FEQ 2.47950 Ref Offset 2.4 0 dB/div Ref 20.000 10 0 20 0 30 0 40.0	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre 2.47950000 GF Start Fre 2.478500000 GF
RL RF 50 Q eenter Freq 2.4795(0 dB/div Ref 20.00 0 90 0.00 0.00 0.00 0.00 0.00 0.00	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Auto Tur Center Fre 2.479500000 GF Start Fre 2.478500000 GF Stop Fre
Ref Offset 2. 0 dB/div Ref 20.00 0	ept SA AC DOOOOO GHz PNO: Wide IFGain:Low	SENSE:INT	DH1 2480MHz Alignauto Avg Type: Log-Pwr AvgjHold>100/100 MKr1	07:09:24 PMDec 18, 2024 TRACE 11 2 3 4 5 6 TYPE MWWWWW DET PINNINN 2.478 830 GHZ	Frequency Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre 2.480500000 GH
Ref Offset 2.4 Ref Offset 2.4 0 dB/div Ref 20.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ept SA AC PRO: Wide PRO: Wide IFGain:Low 61 dB dBm	SENSE:INT	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 6 TYPE 0 WINNYN 2.478 830 GHz -5.357 dBm	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre 2.480500000 GH
RL RF 50 Q enter Freq 2.4795(0 dB/div Ref 20.00 (0 d0 0 20 0 30 0 40 0 50 0 50 0 50 0 50 0 50 0 50 0 5	ept SA AC PRO: Wide P IFGain:Low S1 dB dBm 4 4 4 4 4 4 4 4 4 4 4 4 4	SENSE:INT Trig: Free Run #Atten: 30 dB	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 0 OFF MINIMUM 2.478 830 GHz -5.357 dBm -5.357	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre 2.480500000 GH CF Ste 200.000 kH
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RL RF 50 Q center Freq 2.47950 Ref Offset 2.4 0 dB/div Ref 20.00 d 0 dB	ept SA AC PRO: Wide IFGain:Low S1 dB dBm #VBW	SENSE:INT	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 0 OFF MINIMUM 2.478 830 GHz -5.357 dBm -5.357	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre 2.480500000 GH CF Ste 200.000 kH
RL RF 50 Q center Freq 2.4795(Ref Offset 2.4 0 dB/div Ref 20.00 d 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 0 d 1 1 N 1 1 d 1 1 d 1 1 d 1 1 d 1 1 d 1	ept SA AC PN0: Wide IFGain:Low S1 dB dBm 4 4 4 4 4 4 4 4 4 4 4 4 4	SENSE:INT Trig: Free Run #Atten: 30 dB	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 0 OFF MINIMUM 2.478 830 GHz -5.357 dBm -5.357	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre 2.480500000 GH CF Ste 200.000 kH
RL RF 50 Q center Freq 2.4795(Ref Offset 2.4 0 dB/div Ref 20.00 f 0 dB	ept SA AC PN0: Wide IFGain:Low S1 dB dBm 4 4 4 4 4 4 4 4 4 4 4 4 4	SENSE:INT Trig: Free Run #Atten: 30 dB	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 0 OFF MINIMUM 2.478 830 GHz -5.357 dBm -5.357	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH
RL RF 50 Q center Freq 2.4795(Ref Offset 2.4 0 dB/div Ref 20.00 f 0 d0	ept SA AC PN0: Wide IFGain:Low S1 dB dBm 4 4 4 4 4 4 4 4 4 4 4 4 4	SENSE:INT Trig: Free Run #Atten: 30 dB	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 0 OFF MINIMUM 2.478 830 GHz -5.357 dBm -5.357	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH
RL RF 50 Q center Freq 2.4795(Ref Offset 2.4 0 dB/div Ref 20.00 (0 g	ept SA AC PN0: Wide IFGain:Low S1 dB dBm 4 4 4 4 4 4 4 4 4 4 4 4 4	SENSE:INT Trig: Free Run #Atten: 30 dB	DH1 2480MHz	07:09:24 PMDec 18, 2024 TRACE 12 23 4 5 0 OFF MINIMUM 2.478 830 GHz -5.357 dBm -5.357	Auto Tur Center Fre 2.479500000 GH Start Fre 2.478500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH 2.480500000 GH



	wept SA				
RL RF 50 enter Freq 2.4025		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	07:12:01 PMDec 18, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
	PNO: Wide G IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold:>100/100	DET P N N N N	
Ref Offset 2	2.59 dB		Mkr1	2.401 828 GHz	Auto Tur
0 dB/div Ref 20.00				-7.239 dBm	
10.0					Center Fre
0.00			2 2		2.402500000 GH
20.0	m	· · · · · · · · · · · · · · · · · · ·	\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
30.0					Start Fre 2.401500000 GH
40.0					2.401500000 GF
50.0					Stop Fre
50.0					2.403500000 GH
70.0					
enter 2.402500 GH Res BW 30 kHz		V 100 kHz	Sween 2	Span 2.000 MHz 133 ms (1001 pts).	CF Ste
IKR MODE TRC SCL	***B0		INCTION FUNCTION WIDTH	FUNCTION VALUE	200.000 kH <u>Auto</u> Ma
1 N 1 f 2 N 1 f	2.401 828 GHz 2.402 828 GHz	-7.239 dBm -7.216 dBm			
3					Freq Offs
5 6					01
7 8					
9					
				×	
3G					
			STATU		
	CI	-S NVNT 3-E	STATUS OH1 2441MHz	S	
gilent Spectrum Analyzer - S	wept SA		DH1 2441MHz	8	
g <mark>ilent Spectrum Analyzer - S</mark> RL RF 50	wept SA Ω AC 500000 GHz	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr	S 07:14:13 PMDec 18, 2024	Frequency
g <mark>ilent Spectrum Analyzer - S</mark> RL RF 50	wept SA Ω AC	SENSE:INT	DH1 2441MHz	8	
glient Spectrum Analyzer - S RL RF 50 enter Freq 2.4415 Ref Offset 2	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold:>100/100	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	
gilent Spectrum Analyzer - S RL RF 50 senter Freq 2.4415	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold:>100/100	S 07:14:13 PMDec 18, 2024 TRACE 19 2 3 4 5 6 TYPE MWWWW DET P NN NN N	
glient Spectrum Analyzer - S RL BP 50 eenter Freq 2.4415 Ref Offset 2 0 dB/div Ref 20.00	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Auto Tur Center Fre
enter Freq 2.4415	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold:>100/100	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Auto Tur Center Fre
enter Freq 2.4415	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Auto Tur Center Fre 2.441500000 GH
RL RF S0 enter Freq 2.4415 Ref Offset 2 0 dB/div Ref 20.00 0 dB/div 0 dB/div Ref 20.00 0 dB/div 0 dB/	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Auto Tur Center Fra 2.441500000 GH Start Fra
Rt RF S0 enter Freq 2.4415 Ref Offset 2 0 dB/div Ref 20.00 0 000 000 0 000 000	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Auto Tur Center Fre 2.441500000 GH Start Fre
RL RF S0 enter Freq 2.4415 Ref Offset 2 0 dB/div Ref 2.0.00 0 0 dB/div Ref 20.00 0 <td>wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB</td> <td>SENSE:INT</td> <td>DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1</td> <td>07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2</td> <td>Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH</td>	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH
RL RF S0 center Freq 2.4415 Ref Offset 2 0 0 dB/div Ref 20.00 0 0 dB/div	wept SA Q AC 5000000 GHz PNO: Wide IFGain:Low 2.6 dB	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12, 24, 5 TYPE MAXWAW DET P. N.N.N.N 2.440 828 GH2	Frequency Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH
glient Spectrum Analyzer - S RL RF ISO center Freq 2.4415 Ref Offset 2 Odd 0 dB/div Ref 20.00 0 10 0 0 0 0 20 0 0 0 0 10 0 0 0 0 20 0 0 0 0 30 0 0 0 0 40 0 0 0 0 50 0 0 0 0	wept SA Q AC PRO: Wide PRO: Wide C IFGain:Low 2.6 dB 1	SENSE:INT	DH1 2441MHz ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100 Mkr1	07:14:13 PMDec 18, 2024 TRACE 12 24 5 G TYPE MAXWAVE DET P.N.IN.IN 2.440 828 GHz -6.774 dBm	Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre
glient Spectrum Analyzer - S RL RF SO enter Freq 2.4415 Ref Offset 2 Ref Offset 2 0 dB/div Ref 20.00 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	vept SA Q AC PRO: Wride PRO: Wride C IFGain:Low PRO: Wride C 2.6 dB 0 dBm	SENSE:INT	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 19 28 4 5 G TYPE 1000000000000000000000000000000000000	Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH
glient Spectrum Analyzer - S RL RE SO enter Freq 2.4415 Ref Offset 2 SO 0 dB/div Ref 20.00 Ref 20.00 9 Ref 20.00 Ref 20.00	vept SA Q AC PRO: Wide PRO: Wide C PGain:Low 2 2.6 dB 0 dBm 1 1 2 z x #VBV	Trig: Free Run #Atten: 30 dB	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 12 3 4 5 G TYPE MAXWAY 2.440 828 GHz -6.774 dBm -6.774 dBm -6.	Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH CF Ste 200.000 kH
glient Spectrum Analyzer - S RL RF S0 center Freq 2.4415 Ref Offset2 Ref Offset2 0 dB/div Ref 20.00 G 0 dB/div <th< td=""><td>x AC SOLUCION CHZ SOLUCION CHZ SOLUCION CHZ PNO: Wide Characteristic structure of the solution of the solution</td><td>Trig: Free Run #Atten: 30 dB</td><td>DH1 2441MHz</td><td>S 107:14:13 PMDec 18, 2024 TRACE 19 23 4 5 G TYPE 1000000000000000000000000000000000000</td><td>Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH CF Ste 200.000 kH</td></th<>	x AC SOLUCION CHZ SOLUCION CHZ SOLUCION CHZ PNO: Wide Characteristic structure of the solution	Trig: Free Run #Atten: 30 dB	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 19 23 4 5 G TYPE 1000000000000000000000000000000000000	Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH CF Ste 200.000 kH
RL RF S0 center Freq 2.4415 Ref Offset 2 0 0 dB/div Ref Offset 0 dB/div dB/div 0<	x AC SOLUCION CHZ PRO: Wide Characteristic Constraints of the second characteristic Characterist	SENSE:INT	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 12 3 4 5 G TYPE MAXWAY 2.440 828 GHz -6.774 dBm -6.774 dBm -6.	Auto Tur Center Fre 2.441500000 GH 2.440500000 GH 2.442500000 GH 2.442500000 GH 2.442500000 GH 200.000 kH Auto Ma
glient Spectrum Analyzer - S RL RF SO center Freq 2.4415 Ref Offset2 0 dB/div Ref Offset2 0 dB/div Ref 20.00 0 g Ref 20.00 0 g<	x AC SOLUCION CHZ SOLUCION CHZ SOLUCION CHZ PNO: Wide Characteristic structure of the solution	Trig: Free Run #Atten: 30 dB	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 12 3 4 5 G TYPE MAXWAY 2.440 828 GHz -6.774 dBm -6.774 dBm -6.	Auto Tur Center Fre 2.441500000 GH Start Fre 2.440500000 GH 2.442500000 GH 2.442500000 GH CF Ste 200.000 kH
glient Spectrum Analyzer - S RL RF SO center Freq 2.4415 Ref Offset2 Ref Offset2 0 dB/div Ref 20.00 SO 0 dB/div Ref 20.00 SO 0 0 Ref 20.00 SO 0 00 Ref 20.00 Ref 20.00 Res BW 30 kHz Ref 20.00 Ref 20.00	x AC SOLUCION CHZ SOLUCION CHZ SOLUCION CHZ PNO: Wide Characteristic structure of the solution	Trig: Free Run #Atten: 30 dB	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 12 3 4 5 G TYPE MAXWAY 2.440 828 GHz -6.774 dBm -6.774 dBm -6.	Auto Tur Center Fre 2.441500000 GH 2.440500000 GH 2.442500000 GH 2.442500000 GH 2.442500000 GH 200.000 kH Auto Ma
Sectrum Analyzer So RL RF So center Freq 2.4415 So 0 dB/div Ref Offset 2 Ref 20.00 0 dB/div Ref 20.00 So 0 dB/div So So	x AC SOLUCION CHZ SOLUCION CHZ SOLUCION CHZ PNO: Wide Characteristic structure of the solution	Trig: Free Run #Atten: 30 dB	DH1 2441MHz	S 107:14:13 PMDec 18, 2024 TRACE 12 3 4 5 G TYPE MAXWAY 2.440 828 GHz -6.774 dBm -6.774 dBm -6.	Auto Tur Center Fre 2.441500000 GH 2.440500000 GH 2.442500000 GH 2.442500000 GH 2.442500000 GH 200.000 kH Auto Ma



	CFS NVNT 3-I	DH1 2480MHz		
Agilent Spectrum Analyzer - Swept SA				
IX RL RF 50 Ω AC Center Freq 2.479500000 GH PN	IO: Wide 🕟 Trig: Free Run	ALIGN AUTO Avg Type: Log-Pwr Avg Hold:>100/100	07:15:57 PMDec 18, 2024 TRACE 123456 TYPE MWWWW DET PNNNNN	Frequency
IFG	Sain:Low #Atten: 30 dB	B.d.L.ud		Auto Tune
Ref Offset 2.61 dB 10 dB/div Ref 20.00 dBm Log			2.478 824 GHz -6.913 dBm	
10.0				Center Freq
		\downarrow		2.479500000 GHz
-20.0				Start Freq
-30.0				2.478500000 GHz
-40.0				
-50.0				Stop Freq
-70.0				2.480500000 GHz
Center 2.479500 GHz #Res BW 30 kHz	#VBW 100 kHz	Sweep 2	Span 2.000 MHz .133 ms (1001 pts)	CF Step 200.000 kHz
MKR MODE TRC SCL X		INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2.478 824 2 N 1 f 2.479 826 3				FreqOffset
5 5				0 Hz
6				
8				
10			×	
<	Ш		>	

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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;

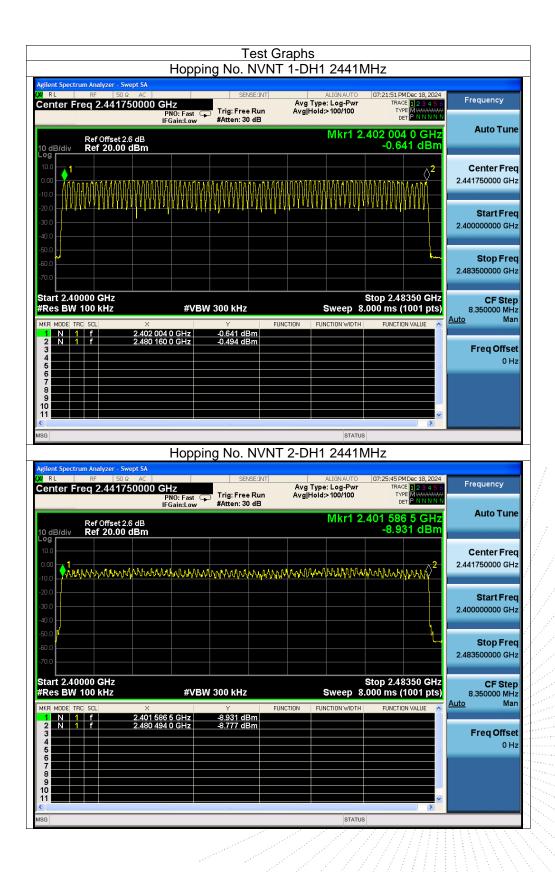
13.4 Test Result

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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	Hopping No. NV	NT 3-DH1 2441N	ЛНz	
Agilent Spectrum Analyzer - Swept SA	SENSE:IN	T ALIGN AUTO	07:30:11 PMDec 18, 2024	
Center Freq 2.441750000	GHz PNO: Fast 😱 Trig: Free Run	Avg Type: Log-Pwr	TRACE 123456 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB	IFGain:Low #Atten: 30 dB	Mkr1 2	.401 753 5 GHz	Auto Tune
10 dB/div Ref 20.00 dBm			-6.688 dBm	
10.0 0.00 - 1 -10.0 - 1.00	namagnanaman	when when when when	william 2	Center Freq 2.441750000 GHz
-20.0				Start Freq 2.400000000 GHz
-50.0 /			<u> </u>	Stop Freq 2.483500000 GHz
-70.0				2.40000000 0112
Start 2.40000 GHz #Res BW 100 kHz	#VBW 300 kHz		Stop 2.48350 GHz .000 ms (1001 pts)	CF Step 8.350000 MHz
	Y 753 5 GHz -6.688 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 2.480 3 3 4 5	327 0 GHz -8.869 dBm		3	Freq Offset 0 Hz
6 7 8 9				
10 11			×	
MSG		STATUS	3	

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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.

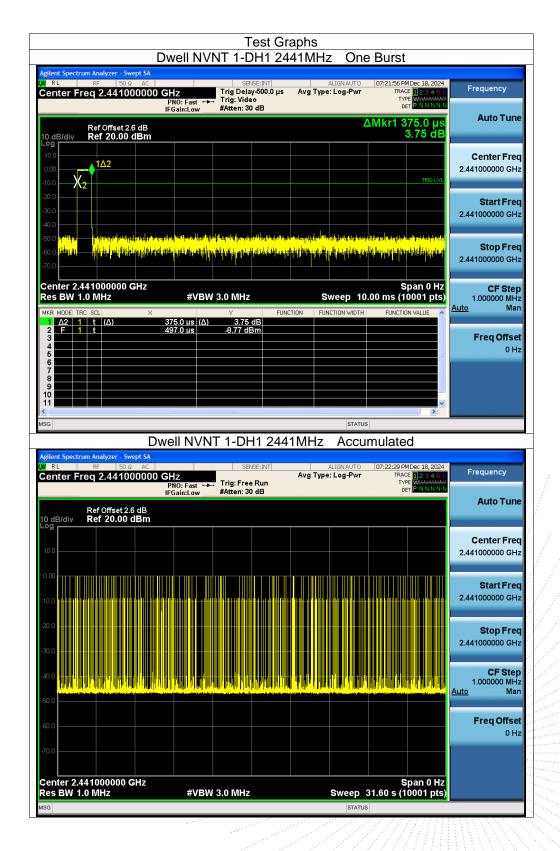
4. Use the marker-delta function to determine the dwell time. If this value varies with different modes of operation (e.g. data rate. modulation format. etc.). repeat this test for each variation. The limit is specified in one of the subparagraphs of this Section. Submit this plot(s).

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.375	46.125	123	31600	400	Pass
NVNT	1-DH3	2441	1.631	257.698	158	31600	400	Pass
NVNT	1-DH5	2441	2.878	307.946	107	31600	400	Pass
NVNT	2-DH1	2441	0.383	46.343	121	31600	400	Pass
NVNT	2-DH3	2441	1.634	258.172	158	31600	400	Pass
NVNT	2-DH5	2441	2.883	308.481	107	31600	400	Pass
NVNT	3-DH1	2441	0.38	47.12	124	31600	400	Pass
NVNT	3-DH3	2441	1.634	258.172	158	31600	400	Pass
NVNT	3-DH5	2441	2.885	308.695	107	31600	400	Pass

14.4 Test Result

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





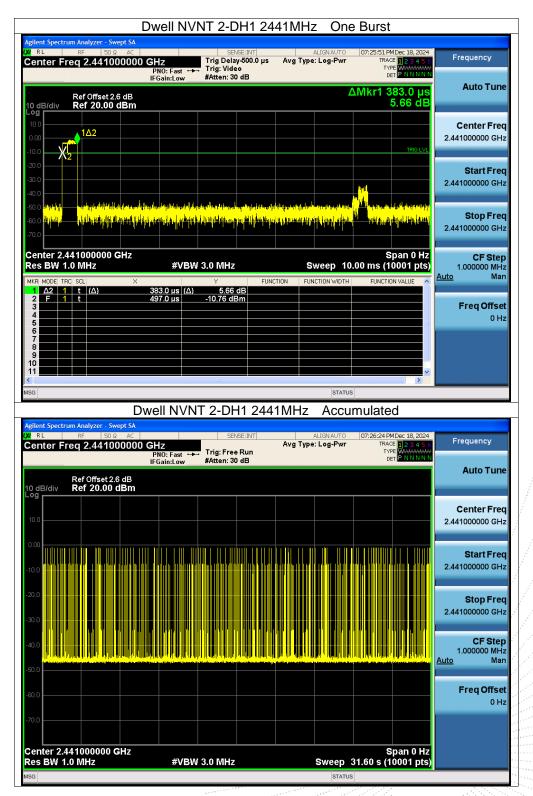


	Dwell			One Burst	
Agilent Spectrum Analyz	50Ω AC	SENSE:IN Trig Delay-500 st →→→ Trig: Video		IAUTO 07:32:13 PMDec 18 g-Pwr TRACE 12 3 TYPE WWW DET P N N	Hequency
Ref Off	IFGain:Lo fset 2.6 dB 0.00 dBm	w #Atten: 30 dB		ΔMkr1 1.631 2.83	ms Auto Tune
10.0	φ ^{1Δ2}				Center Freq 2.441000000 GHz
-10.0 X2 -20.0 -30.0					Start Freq 2.441000000 GHz
-40.0	in an	en et platestat de la parti	History, share the first of the second states of the second states of the second states of the second states of	non at land baratelor stated at significant pana mangalaktifip and panja ta pa	Stop Freq
-60.0		hol tu andha a tr	k an - A chiatra ta chiatra a	Span (2.441000000 GHz
Res BW 1.0 MHz	# ×	VBW 3.0 MHz Υ (Δ) 2.83 dB	Swee FUNCTION FUNCTION	ep 10.00 ms (10001	pts) 1.000000 MHz
2 F 1 t 3 4 5	498.0 μs	-8.50 dBm			Freq Offset 0 Hz
6 7 8 9 10					
11 MSG				STATUS	
Agilent Spectrum Analyz		VNT 1-DH3	2441MHz A	ccumulated	
Center Freq 2.4	50 Ω AC		Avg Type: Log	IAUTO 07:32:48 PMDec 18 g-Pwr TRACE 12 3 TYPE WAM DET P N N	Hequency
Ref Off					Auto Tune
Log Ref 2	0.00 dBm				
10 dB/div Ref 20					Center Freq 2.441000000 GHz
0.00					2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq
10.0 0.00 -10.0					2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz CF Step
10.0 0.00 -10.0 -20.0 -30.0					2.44100000 GHz Start Freq 2.44100000 GHz Stop Freq 2.44100000 GHz CF Step 1.000000 MHz <u>Auto</u> Man
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0					2.44100000 GHz Start Freq 2.44100000 GHz 2.44100000 GHz 2.441000000 GHz CF Step 1.000000 MHz
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -40.0 -10.	0.00 dBm	VBW 3.0 MHz		Span (2001)	2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz



	well NVNT 1-DH	52441MHz On	e Burst	
Agilent Spectrum Analyzer - Swept SA Δ2 RL RF 50 Ω AC Center Freq 2.441000000 G			07:33:08 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Frequency
IF	PNO: Fast +++ Trig: Video -Gain:Low #Atten: 30 dB		Mkr1 2.878 ms	Auto Tune
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm			-0.79 dB	
10.0 0.00 X2	1Δ2			Center Freq 2.441000000 GHz
-20.0				Start Freq
-30.0				2.441000000 GHz
-50.0 <mark>//////</mark>		ti nity na di Matana si dan bantanan datak Kuju ta patati na mangal data pada sa pada sa	n hilling a star an	Stop Freq
-70.0				2.441000000 GHz
Center 2.441000000 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 10	Span 0 Hz 0.00 ms (10001 pts)	CF Step 1.000000 MHz
MKR MODE TRC SCL X 1 A2 1 t (A) 2. 2 F 1 t 4	878 ms (Δ) -0.79 dB 98.0 μs -2.94 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
3 4 5				Freq Offset 0 Hz
6 7 8 8				
9 10 11			v	
MSG	101	STATU	s	
Dwo Agilent Spectrum Analyzer - Swept SA	ell NVNT 1-DH5	2441MHz Accu	imulated	
	HZ PNO: Fast ↔ Trig: Free Run Gain:Low #Atten: 30 dB	Avg Type: Log-Pwr	07:33:41 PMDec 18, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm Log	Guineow			Auto Tune
10.0				Center Freq
				2.441000000 GHz
-10.0 	0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	. Ini - Inite Inite and a statistic	140 - 1 dia - 11 - 11 - 11 - 11 - 11 - 1	Start Freq 2.441000000 GHz
-20.0				Stop Freq
-30.0				2.441000000 GHz
-40.0		1	ן אינייע (ייינאר איניער או איניער או איניער איני אינייער או איניער או איניער או איניער או איניער או איניער או א	CF Step 1.000000 MHz
-50.0	n		a talih tina diseruh di sang sang sang a talih tina diseruh di sang sang sang	<u>Auto</u> Man
-60.0				Freq Offset 0 Hz
-70.0				
Center 2.441000000 GHz	#\/D\\/ 2.0.84U-		Span 0 Hz	
Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep statu	31.60 s (10001 pts)	







		VNT 2-DH3	2441MHz On	e Burst	
Agilent Spectrum Analyzer - So V RL RF 50 Center Freq 2.4410	Ω AC 000000 GHz	SENSE:INT Trig Delay-500.0	ALIGN AUTO µs Avg Type: Log-Pwr	07:34:01 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Frequency
Ref Offset 2	PNO: Fast IFGain:Low 2.6 dB	#Atten: 30 dB		^{Der} ^P NNNNN ΔMkr1 1.634 ms -0.22 dB	Auto Tune
10 dB/div Ref 20.00	1Δ2			-0.22 dB	Center Freq 2.44100000 GHz
-10.0 2 -20.0				TRIG LVL	Start Freq
-30.0 -40.0 -50.0 <mark></mark>		a ling al _e prior to gravite and the ale to grave and the second second second second second second second second second	de den genne anter de la fige (egen på fellerite be	la lalan yila dista sa jaya di satara ya la baka ke	2.441000000 GHz
-60.0 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	all a faith a f		and provide the provided and the second	, de plan de ante de la company de la com La company de la company de	Stop Freq 2.441000000 GHz
Center 2.441000000 Res BW 1.0 MHz		3W 3.0 MHz	Sweep 1	Span 0 Hz 0.00 ms (10001 pts)	CF Step 1.000000 MHz <u>Auto</u> Man
1 Δ2 1 t (Δ) 2 F 1 t 3 4	1.634 ms (/ 498.0 µs	∆) -0.22 dB -4.60 dBm			Freq Offset 0 Hz
5 6 7 8 9					
10 11 MSG			STAT	×	
M3G			STAIL	53	
		NT 2-DH3 2/			
Agilent Spectrum Analyzer - S		NT 2-DH3 24	141MHz Accu	umulated	- 15
Agilent Spectrum Analyzer - Si WRL RF 50 Center Freq 2.4410	wept SA Ω AC	SENSE:INT	441MHz Accu alignauto Avg Type: Log-Pwr		Frequency
LXU RL RF 50	wept SA Ω AC PNO: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	Frequency Auto Tune
Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00	wept SA Ω AC PNO: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	
Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00	wept SA Ω AC PNO: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq
Off RL RF 50 Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00 0.00	wept SA Ω AC PNO: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.44100000 GHz Start Freq
DX RL RF SD Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00 Log	wept SA Ω AC PN0: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	Start Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz CF Step 1.000000 MHz
DX RL RF SD Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00 10.0	wept SA Ω AC PN0: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man
DX RL RF SD Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00 10.0	wept SA Ω AC PN0: Fast IFGain:Low 2.6 dB	SENSE:INT	ALIGNAUTO	07:34:34 PM Dec 18, 2024 TRACE 2 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.44100000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man
Off RL RF SD Center Freq 2.4410 Ref Offset 2 10 dB/div Ref 20.00 10.0	Wept SA Q AC PN0: Fast IFGain:Low	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	07:34:34 PMDec 18, 2024	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man



	ell NVNT 2-D			e Burst	
Agilent Spectrum Analyzer - Swept SA W RL RF 50 Ω AC Center Freq 2.441000000 GH2	z Trig Dela		ALIGNAUTO	07:34:56 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Frequency
PN	0: Fast 🔸 Trig: Vide ain:Low #Atten: 3			DET P NNNN N	Auto Tune
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm Log			Z	Mkr1 2.883 ms 2.59 dB	
10.0	▲1∆2				Center Freq
-10.0 X2				TRIG LVL	2.441000000 GHz
-20.0					Start Freq 2.441000000 GHz
-40.0	de distanti dati constalette de les	tenda kallati setelarat et en	ant the solution had a should be as	nder von derstelle bekennten der som	2.441000000 0112
-60.0 • • • • • • • • • • • • • • • • • •	ality of the state			ti nana a canadal a kanan	Stop Freq 2.441000000 GHz
Center 2.441000000 GHz				Spap 0 Hz	
Res BW 1.0 MHz	#VBW 3.0 MHz		•	Span 0 Hz 0.00 ms (10001 pts)	CF Step 1.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL X 1 Δ2 1 t (Δ) 2.88 2 F 1 t 498	-3 ms (Δ) 2.59 3.0 μs -8.92 dl		FUNCTION WIDTH	FUNCTION VALUE	
3 4 5					Freq Offset 0 Hz
6					
9 10 11					
MSG			STATU		
Dwel	I NVNT 2-DH	H5 2441N	/Hz Accu	imulated	
Agilent Spectrum Analyzer - Swept SA					
M RL RF 50Ω AC		NSE:INT	ALIGNAUTO	07:35:29 PMDec 18, 2024	Frequency
Center Freq 2.441000000 GH:		A e Run	ALIGN AUTO vg Type: Log-Pwr		
Center Freq 2.441000000 GH2	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Frequency Auto Tune
Center Freq 2.441000000 GH2 PN IFG3 10 dB/div Ref 20.00 dBm	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq
Center Freq 2.441000000 GH2 PN PN IFG: 10 dB/div Ref Offset 2.6 dB Ref 20.00 dBm	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune
Center Freq 2.441000000 GH2 PN IFG3 10 dB/div Ref 20.00 dBm	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.44100000 GHz Start Freq
Center Freq 2.441000000 GH2 PN PN IFG: 10 dB/div Ref Offset 2.6 dB Ref 20.00 dBm	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.44100000 GHz
Center Freq 2.441000000 GH2 PN IFG3 10 dB/div Ref Offset 2.6 dB Cog 10.0 0.00	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.44100000 GHz 2.441000000 GHz 2.441000000 GHz Stop Freq
Center Freq 2.441000000 GH: PN IFG Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 10 0 10 0 .10 0	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.44100000 GHz 2.441000000 GHz Stop Freq 2.441000000 GHz
Center Freq 2.441000000 GH2 PN IFG 10 dB/div Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 10.0 -10.0	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Start Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz Stop Freq 1.000000 GHz
Center Freq 2.44100000 GH2 PN IFG 10 dB/div Ref 20.00 dBm 10 0 10 0 -000 -000 -000 -000 -000 -000	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man
Center Freq 2.44100000 GH2 PN IFG Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 10 0 10	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Start Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz Stop Freq 1.000000 GHz
Center Freq 2.441000000 GH2 PN IFG O dB/div Ref Offset 2.6 dB O dB/div Ref 20.00 dBm O O O O O O O O O O O O O O O O O O O	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man Freq Offset
Center Freq 2.44100000 GH: PN: PN: PN: PN: PN: PN: PN: PN	Z 0: Fast ↔ Trig: Free	A e Run		07:35:29 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man Freq Offset



	vell NVNT 3-E	JH1 2441		e Burst	
Agilent Spectrum Analyzer - Swept SA W RF 50 Ω AC Center Freq 2.441000000 GH			ALIGN AUTO	07:30:17 PM Dec 18, 2024 TRACE 12 3 4 5 6 TYPE WWWWWW	Frequency
Ref Offset 2.6 dB	Gain:Low #Atten: 3		/	ΔMkr1 380.0 μs -2.99 dB	Auto Tune
10 dB/div Ref 20.00 dBm Log 10.0				-2.35 UB	Center Freq
-10.0 -20.0				TRIG LVL	2.441000000 GHz
-30.0					Start Freq 2.441000000 GHz
			ting meter billing parties of the second	lenner er en sen beskeren. die kangen stekener stadt geligtigt.	Stop Freq
-70.0 Center 2.441000000 GHz				Span 0 Hz	2.441000000 GHz
Res BW 1.0 MHz	#VBW 3.0 MHz	FUNCTION		.00 ms (10001 pts)	CF Step 1.000000 MHz <u>Auto</u> Man
	80.0 µs (∆) -2.99 i5.0 µs -12.60 dl				Freq Offset
5 6 7 7 8 7					0 Hz
9 10 11					
MSG			STATUS		
Agilent Spectrum Analyzer - Swept SA	ell NVNT 3-DH			mulated	
LX/RL RF 50Ω AC	55	NSE:INT			
Center Freq 2.441000000 GH		e Run	ALIGNAUTO vg Type: Log-Pwr	07:30:50 PM Dec 18, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWWW DET P NNNN	Frequency
Pi IF0 Ref Offset 2.6 dB	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Frequency Auto Tune
P IF0 Ref Offset 2.6 dB	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Auto Tune Center Freq 2.44100000 GHz
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 10 0	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Auto Tune Center Freq
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 10 0 10 0 	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Auto Tune Center Freq 2.441000000 GHz Start Freq
Pires	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz CF Step
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 10 0 10 0 	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Auto Tune Center Freq 2.44100000 GHz 2.441000000 GHz Stop Freq 2.441000000 GHz
P	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Start Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz CF Step 1.000000 MHz
P	IZ NO: Fast ↔ Trig: Free	e Run		TRACE 123456	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man Freq Offset
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm 100	IZ NO: Fast ↔ Trig: Free	A e Run 0 dB	vg Type: Log-Pwr	TRACE 123456	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man



		'NT 3-DH3 2	441MHZ ON	e Burst	
Agilent Spectrum Analyzer - Sv V RL RF 50 S Center Freq 2.4410	2 AC 00000 GHz	SENSE:INT Trig Delay-500.0 µ → Trig: Video	ALIGNAUTO s Avg Type: Log-Pwr	07:35:48 PMDec 18, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW	Frequency
Ref Offset 2	PNO: Fast ↔ IFGain:Low	#Atten: 30 dB		DET P NNNNN 1.634 ms	Auto Tune
10 dB/div Ref 20.00				4.74 dB	Center Freq 2.441000000 GHz
-10.0 X2					Start Freq 2.441000000 GHz
-40.0 -50.0 (10.04) -60.0 (1.04)	alle a telever alle bellets te set Beleve Alle a et le set de la telever bet de l	a din makin atin ayang dilang ing a <mark>Pana bilang sang kalapatan panang ati</mark>	an a fan de senten freiten de tantas <mark>Ana a senten freiten de senten de senten</mark>	n n garaga na kana kana kana kana kana kana kan	Stop Freq 2.441000000 GHz
-70.0 Center 2.441000000 Res BW 1.0 MHz		V 3.0 MHz	Sweep 1	Span 0 Hz 0.00 ms (10001 pts)	CF Step 1.000000 MHz
MKR MODE TRC SCL 1 Δ2 1 t (Δ) 2 F 1 t 3	× 1.634 ms (Δ) 497.0 μs		UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man Freq Offset
4 5 6 7 8					0 Hz
9 10 11 MSG		III	STATL	v 2	
MSG		IT 3-DH3 24			
	DWEILINVIN	11 3-083 24	41MHz Accu	umulated	
Agilent Spectrum Analyzer - Sw WRL RF 500 Center Freq 2.4410	vept SA Ω AC	SENSE:INT	41MHZ ACCU ALIGNAUTO Avg Type: Log-Pwr	07:36:21 PMDec 18, 2024 TRACE 1 2 3 4 5 6	Frequency
W RL RF 500 Center Freq 2.4410	vept SA 2 AC 00000 GHz PN0: Fast ↔ IFGain:Low		ALIGNAUTO	07:36:21 PMDec 18, 2024	Frequency Auto Tune
Center Freq 2.4410 Ref Offset 2. 10 dB/div Ref 20.00	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Auto Tune Center Freq
Center Freq 2.4410	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Auto Tune Center Freq 2.441000000 GHz
Center Freq 2.4410	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Auto Tune Center Freq
Off RL RF 50 4 Center Freq 2.4410 Ref Offset 2. 10 dB/div Ref 20.00 0 0	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Auto Tune Center Freq 2.44100000 GHz Start Freq
Off RL RF 50 d Center Freq 2.4410 Ref Offset 2. 10 dB/div Ref 20.00 10 0	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Auto Tune Center Freq 2.44100000 GHz Start Freq 2.441000000 GHz Stop Freq
Off RL RF S0 3 Center Freq 2.4410 10 dB/div Ref Offset2. 10 dB/div Ref 20.00 -0.00	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Start Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz CF Step 1.000000 MHz
Off RL RF 50 4 Center Freq 2.4410 Ref Offset 2. 10 dB/div Ref 20.00 10 0	xept SA 2 AC 00000 GHz PN0: Fast → IFGain:Low 6 dB	SENSE:INT	ALIGNAUTO	07:36:21 PMDec 18, 2024 TRACE 12 3 4 5 6 TYPE WAAAAAAAAA	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man Freq Offset



Dwell NVNT 3-DH5 2441MHz One Burst				
): Fast 🛶 Trig: Video		07:36:39 PMDec 18, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm	in:Low #Atten: 30 dB	Δ	Mkr1 2.885 ms 4.35 dB	Auto Tune
10.0 0.00 -10.0	142		TRIG LVL	Center Freq 2.441000000 GHz
-20.0 -30.0 -40.0				Start Freq 2.441000000 GHz
-50.0 (19/19) -60.0 (19/19) -70.0	a second second second	ardi <mark>n we all the out that have generations</mark> and the second provident that the second part	and a second second second	Stop Freq 2.441000000 GHz
Center 2.441000000 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 10.	Span 0 Hz .00 ms (10001 pts) FUNCTION VALUE	CF Step 1.000000 MHz <u>Auto</u> Man
1 Δ2 1 t (Δ) 2.88	5 ms (Δ) 4.35 dB .0 μs -9.72 dBm			Freq Offset 0 Hz
6 7 8 9				
MSG	IIII	STATUS		
Dwell NVNT 3-DH5 2441MHz Accumulated				
	SENSE:IN Trig: Free Run in:Low #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr	07:37:12 PMDec 18, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P N N N N N	Frequency
Ref Offset 2.6 dB 10 dB/div Ref 20.00 dBm				Auto Tune
10.0				Center Freq 2.441000000 GHz
-100				Start Freq 2.441000000 GHz
-200				Stop Freq 2.441000000 GHz
-40.0				CF Step 1.000000 MHz <u>Auto</u> Man
-60.0				Freq Offset 0 Hz
-70.0				
Center 2.441000000 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 3	Span 0 Hz 31.60 s (10001 pts)	



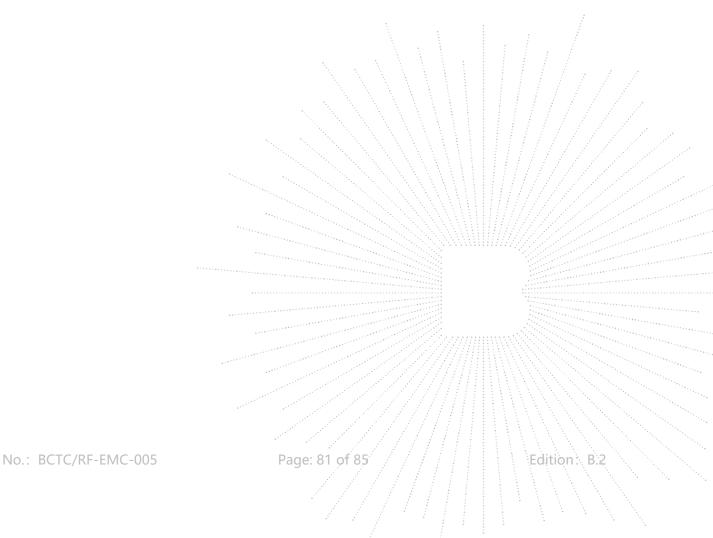
15. Antenna Requirement

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 Internal antenna, fulfill the requirement of this section.





16. EUT Photographs

EUT Photo 1



EUT Photo 2



NOTE: Appendix-Photographs Of EUT Constructional Details.

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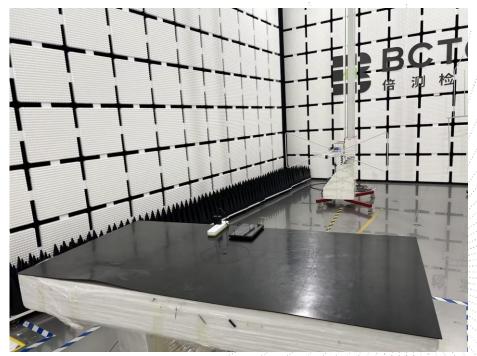


17. EUT Test Setup Photographs

Conducted Measurement 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.

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***** END *****

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