



# Duty Cycle NVNT a 5745MHz Ant1

Agilent S	Spectrun	n Anal	lyzer - Swept SA									
X/RL		RF	50 Ω AC		SE	NSE:PULSE		🗥 AL	IGN OFF		11:59:3	5 AM Mar 30, 2024
Cente	er Fre	eq 5	.78500000	IO GHZ	PNO: Fast 🔸 Gain:Low	Trig: Fre #Atten: 3	e Run 0 dB		#Avg Type	: RMS	Т	RACE 1 2 3 4 5 TYPE WWWWWW DET P N N N N
10 dB/	div	Ref ( Ref	Offset 3.4 dB 20.00 dBm	Ĺ							Mkr1	5.000 ms 1.48 dBr
		l.				3	1					
0.00	-	hallin	and a particular state	na jala ka ja ka mana ka	and a galaxies of the	methical state to petho	(Onlard	(Internal Acade)	daysty a definitionally a definition	and a library	alada and a single day of the second	
.10.0	AP 0, 90		The Alexand	ana na Alanda,	ALAN ALANA	ALAY A. ARAY	H Ahark	NAMA PA	(ALA) ALAN	A A A DA A A A A A A A A A A A A A A A	Ale at A. Shuit.	All and All all and
20.0	1.00								a tradit der			
30.0												
40.0												
40.0												
60.0												
70.0						6-						
-70.0												
Cente Res E	er 5.78 3W 1.0	8500 D MH	00000 <b>GH</b> z Iz		#VB	W 3.0 MH	z			Sweep	10.00 ms	Span 0 Hz (10001 pts
MKR MC	DDE TRC	SCL	>		Y	FL	INCTION	FUNCT	ION WIDTH	F	UNCTION VALUE	^
1 N 2	4 1	t		5.000 ms	-1.48	dBm						
3												
5												
6 7												
8												
10												
11												>
100									STATUS			

Duty Cycle NVNT a 5785MHz Ant1





RL	RF	50.0 AC		c	ENSE: PULSE		(Å 61	IGN OFF		12:01:03	PM Mar 30
enter F	req 5.8	2500000	O GHz	NO: Fast 🔸 Gain:Low		ee Run 30 dB		#Avg Type:	RMS	TF	TYPE WWWW
dB/div	Ref Off Ref 20	set 3.41 dE ).00 dBm								Mkr1 -0	5.000 i ).99 dE
).0	1		at a balance of the balance			1					
			la ilia, a la a la la la	LANDA, ALLANIA	alaika ala	14,14.14		unia, alapa	ALAPIA, ALAPIA,	ALAILA ALAILA	AL APRILA
.0										-	
.0											
.0				-							
.0											
enter 5. es BW 1	8250000 .0 MHz	000 GHz		#VI	3W 3.0 M	Hz			Sweep	10.00 ms	Span 0 (10001
r Mode Tr	RC SCL	Ŷ	5.000 ms	¥ -0.9	9 dBm	FUNCTION	FUNCT	ON WIDTH	F	UNCTION VALUE	
3											
5											
7 3 9											
j I											

## Duty Cycle NVNT a 5825MHz Ant1

gilent Spectr	um Analy RF	<mark>zer - Swept SA</mark> 50 Ω AC		SE	NSE:PULSE		<u>Å</u> A		DMC	12:03:0	03 PM Mar 30, 2
enter Fr	req 5.	/4500000	U GHZ P	'NO: Fast ↔ Gain:Low	Trig: Fr #Atten:	ee Run 30 dB		#Avg Type	. RIVIS		TYPE WWWMM DET P NNN
) dB/div	Ref O	ffset 3.46 dB 20.00 dBm								Mkr1	5.000 n 1.23 dB
'9 0.0						1-					
	alexandra a state A patrik at harbar	eren kontraleranian dar. Antral Engelander fam	distar veziltediya diserti Dellikali ve ir tëtillor, të	e de construer de la construer La construer de la construer de	nalasentika (hikutsia) Milikolasi Laria nasi	in the Mandalandar	and nations to	tealisean an Gradinan Nà Salahan na Gradallar	ne ha por restanter 1. juli mili at Link mili i	en landen in stander. In belefte besterne in dette	en hallen der stellen der bestellte der 6. Land Land Billinder, der bereiten
	n li scha	To a de la casa	a haran lema	a leasa leasa	n linau l	, tes a le a	act for	en le narie le	un a l'arra l'	ata in in ina in in	and in Transient
.0										0	13
.0											
.0											
			]						_		
enter 5.7 es BW 1	745000 I.0 MH	0000 GHz z		#VB	W 3.0 M	Hz			Swee	p 10.00 ms	Span 0 (10001 p
R MODE TR	ic  scl  t	×	5.000 ms	ү 1.23	dBm	FUNCTION	FUNC	TION WIDTH		FUNCTION VALUE	
3											
5											
5 7											
3											
0											
1											
6								STATUS			

Duty Cycle NVNT n20 5745MHz Ant1





L	RF 50 Ω	AC	SEM	ISE:PULSE		ALIGN OFF		12:04:3	3 PM Mar 3
nter Fr	req 5.785000	0000 GHz	PNO: Fast ↔→ IFGain:Low	Trig: Free #Atten: 30	Run dB	#Avg T	ype: RMS	т	TYPE WW DET P N
IB/div	Ref Offset 3.4 Ref 20.00 d	dB Bm						Mkr1 -(	5.000 ).61 c
		0			4				
<b>Anti-hut</b>	and the first of the part of the	alm bendrall adad	ultranductoritation	Sector burger		and the formation of the second second	Aughorithe Balance of	ndelative strategical sectors	alle Aulu
A-D.L.D.			and the second states and the second s	a trially and the file	a dutalla a	distribution of the second	and a substantian data	lines of the short of the second	a na dina la
	0	2							
₩ <u></u>									
)			-					2	
nter 5.7 s BW 1	785000000 GI .0 MHz	Hz	#VBI	N 3.0 MHz			Swee	p 10.00 ms	Span (1000′
MODE TE	rc scl	× 5.000 m	s -0.61	FUN dBm	CTION	FUNCTION WIDTH		FUNCTION VALUE	

# Duty Cycle NVNT n20 5785MHz Ant1

ilent S	Spectrum Ana	alyzer - Swept S/	A	lor	Network		A ALICH OFF		10,05,5	1 DM M-+ 20 2
ente	er Freq t	5.8250000	DO GHz	PNO: Fast +++	. Trig: Free #Atten: 30	Run dB	#Avg Type	: RMS	12:05:5. Tf	RACE 1 2 3 4 TYPE WWWW DET P N N N
0 dB/	Ref div <b>Re</b> f	Offset 3.41 df f 20.00 dBn	B n						Mkr1	5.000 n ).25 dB
						1				
.00	Line 1990 der	allocate data data data data data data data d	teth alpha tha hair in	estimate the had not	a nahura Atalu		helper des the her the the	uthe Alechy Marshold	office that protecting	
3.0 P	Later Maria	A DALA DALA	Contraction and	Abartine da har	and a subserved as a	ALL DALL ALL	And Burnings and	at the set of the se	and the state of a state of the	L Lake, Mart J
1.0									0	
1.0										
in_										
nn										
Ľ										
ente es B	er 5.8250 SW 1.0 M	00000 GHz Hz		#VB <sup>i</sup>	W 3.0 MHz	:		Sweep	10.00 ms	Span 0 (10001 p
XR MO	IDE TRC SCL J 1 t		× 5.000 ms	V 0.25	dBm	ICTION FI	UNCTION WIDTH		FUNCTION VALUE	
2	100			0						
4										
5 6										
7										
9										
0										
G							STATUS			

Duty Cycle NVNT n20 5825MHz Ant1







gilent Spect	trum Analy	vzer - Swept S	А							
RL	RF	50 Ω AC	2	SF	ENSE: PULSE	<u>A</u> A	LIGN OFF		12:19:4	5 PM Mar 30, 2
nter F	req 5.	7550000	00 GHz	PNO: Fast ++ FGain:Low	. Trig: Free Ru #Atten: 30 di	un 3	#Avg Type:	RMS	т	RACE 1234 TYPE WWWW DET P N N N
dB/div	Ref 0 Ref 2	ffset 3.42 di 20.00 dBn	B n	1					Mkr1 -{	5.000 r 3.72 dE
.0								-		
	Libe Lanatala		والمعادية والماوهم والمالية	lalu kanaditala tanar	the Loss of the Loss	1	and the second state of the second	tele ta calde ta a	al da Longel du Las	del alla Larcadola la
n manha	e distate an prop	Reference fille sealers	a felbert bonto e il se a triacit	e dinastatione efficiente en el	est & die late fillenkt und vie	and the first state	a lift of some a time state	an an fairt ann an	t and the set of the particular	
	and the	C. C	1			a destruction of the	act days	and a literate sector	In the second	
1										
0				+	+			1		+
o ——			-							
			-						-	
			-	+	++				12	
nter 5. s BW	.75500 1.0 MH	0000 GHz z		#VB	W 3.0 MHz			Sweep	10.00 ms	Span 0 (10001
R MODE T	TRC  SCL		x	I Y	FUNCT	ION FUNCT	TION WIDTH	5	UNCTION VALUE	
N	1 t		5.000 ms	-8.72	:dBm					
3										
1										
!										
, ,										
3										
ť.										
9 D										
9 ) 1										

# Duty Cycle NVNT n40 5755MHz Ant1

gilent Spectro RL Center Fr	um Analyzer - Swept S RF 50 Ω A req 5.7950000	A C     I <mark>00 GHz</mark> IEI	SENSI NO: Fast ↔	E:PULSE Trig: Free Rur #Atten: 30 dB	A 🔔	IGN OFF   #Avg Type:	RMS	12:21:11 TF	PM Mar 30, 20 ACE 1 2 3 4 TYPE WWWWW DET P N N N
0 dB/div	Ref Offset 3.4 dE Ref 20.00 dBr	3 m						Mkr1 -7	5.000 m '.12 dB
10.0 0.00				1					
			na da falala, sun da da laj 19 da jaron - Kapalina	alla tradición de la construction de la construcción de la construcción de la construcción de la construcción d La construcción de la construcción d	ili i i i i i i i i i i i i i i i i i i	ne si hanne si ja Na si	in and the source of the sourc	in the product of the section of the	ala, bela dela la dela de Competigo del trada
0.0									
0.0									
0.0									
enter 5.7 es BW 1	795000000 GHz .0 MHz	:	#VBW	3.0 MHz			Sweep	10.00 ms (	Span 0 (10001 p
XR MODE TR 1 N 1 2	t t	× 5.000 ms	ř -7.12 dl	FUNCTIO	N FUNCT	ION WIDTH	F	UNCTION VALUE	
3 4 5									
6 7 8									
9 0 1									

Duty Cycle NVNT n40 5795MHz Ant1





			_				-	
ilent Spectr	um Analyzer - Swept SA							
enter Fi	RF 50Ω AC req 5.745000000	I GHz PNI IFG:	0: Fast ↔	Trig: Free Run #Atten: 30 dB	ALIGN O	≓ ⁄g Type: RMS	12:14:4	IS PM Mar 30, 2 IRACE 1 2 3 TYPE WAAA DET P N N
dB/div	Ref Offset 3.46 dB Ref 20.00 dBm						Mkr1	5.000 1.81 di
1.0				1		and hits an an at the		
oo <mark>Manada</mark>	l dan, dan si si dala kasa si kada si kana si ka	u lândig die dertie de	a, Dentertado, Anti-Li	Solution in the second	ningi kan biri kan b	an a		
.0		M Market						A Anna Antonio.
							2	
0								
nter 5.7 s BW 1	745000000 GHz 1.0 MHz		#VBV	V 3.0 MHz		Swee	ep 10.00 ms	Span 0 (10001
R MODE TR	rc scl X	5.000 ms	ү 1.81 с	IBm	FUNCTION WI	DTH	FUNCTION VALUE	
7								
3								
í 🔄								

# Duty Cycle NVNT ac20 5745MHz Ant1

Center Freq 5.78	500 AC BHZ	SENS PNO: Fast ↔→ Gain:Low	E:PULSE  Trig: Free Run #Atten: 30 dB	ALIG	N OFF #Avg Type: I	RMS	12:16:20 TR 1	PM Mar 30, 202 ACE 1 2 3 4 5 YPE WWWAAAA DET P N N N N
Ref Offse 10 dB/div Ref 20. 10.0	et 3.4 dB .00 dBm						Mkr4 4	- 000
10.0 0.00							5	.42 dBr
0.00 Note that the state of the			1					
		dynder Osdan Herdlein.	uther Habart Pellahar	- Hahulle Hahr	nation dentities of	Lalipert Astronoper March	Lahumus di Ahrodus	tahudi Atahut
10.0	a ha had all a sur taile and all	and distant and a loss of the	a talan kata a sa	A subset of the second	A Long of the Long of	all a la built de la baile	antistal antista	
20.0							<i>.</i>	
30.0								
40.0							1	
50.0								
60.0								
70.0	0.						9	
Center 5.7850000 Res BW 1.0 MHz	00 GHz	#VBW	3.0 MHz			Sweep	10.00 ms (	Span 0 H 10001 pt
MKR MODE TRC SCL 1 N 1 t 2	× 5.000 ms	5.42 di	FUNCTION	FUNCTION	I WIDTH	FL	JNCTION VALUE	
3 4 5								
6 7								
9								
10								
								>

Duty Cycle NVNT ac20 5785MHz Ant1







RL	RF 50 Ω AC		SEI	NSE:PULSE		🗥 AL	IGN OFF		12:17:39	) PM Mar 30,
enter Fr	eq 5.825000000	GHz PNO IFGai	:Fast ↔→ n:Low	Trig: Fre #Atten: 3	e Run 30 dB		#Avg Type:	RMS	т	CACE 1 2 3 TYPE WWW DET P N N
dB/div	Ref Offset 3.41 dB Ref 20.00 dBm								Mkr1 -1	5.000 .81 di
a 1.0					1	CT Charles		Delite del terrette della		
	ratural hadrand bayers had	an a	hitter (Millette	(padjert) (bad	an chultu	Ypplar			W <sub>II</sub> administration	Mannak
.0									0	
.0										
.0					_				-	
.0										
.0										
.0	2				-				2	-
enter 5.8 s BW 1.	25000000 GHz 0 MHz		#VB	N 3.0 MH	lz			Sweep	10.00 ms	Span 0 (10001
a Model Tro	t x	5.000 ms	¥ -1.81	dBm	UNCTION	FUNCT	ION WIDTH	F	UNCTION VALUE	
3										

### Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1





rum Analyzer - Swep RF 50 Ω req 5.795000	AC	SENSE DU S					
req 5.795000	AC	SENSE DUI S	- 1977	A ALCOLLOFF		10.01.4	
164 3.1 30000	1000 GHz		E.		e: RMS	12:24:49 TF	) PM Mar 30, 20 RACE 1 2 3 4
	PNO:	Trig	j: Free Run				TYPE WANNA
	IFGair	a:Low #Att	en: 30 dB				DET P N N N
Dof Offert 3 4	-0-					Mkr1	5.000 n
Ref 20.00 df	зв Вm					-	3.88 dB
						0	
		the second se	1-				
nidelly and the ly den play	a kende gedeling het weter being die begreten	a for and all of a set of the light of		and a second	i per ang disi ng personalak ing p	energial-dependencial-dep	and all placed
And the state of t	and the state of the second se	Manual and a second second	digital in the aldered in	the distance of the distance o	an al makes of all the desired	ality of the state	all and a strength
					-		
	- 2					8	
795000000 GI	. <del>I</del> z				-		Span 0
1.0 MHz		#VBW 3.0	MHz		Sweep	10.00 ms	(10001 p
RC SCL			FUNCTION	FUNCTION WIDTH	F	UNCTION VALUE	
t	5.000 ms	-8.88 dBm					
				071710			
	795000000 GH	Ref 20.00 dBm       Image: State of the sta	Ref 20.00 dBm   Image: State of the stat	Ref 20.00 dBm     Ref 20.00 dBm   Image: Colspan="2">Image: Colspan="2">Image: Colspan="2" Image: Colspan	Ref 20.00 dBm     Image: State of the second s	Ref   20.00 dBm     Image: Strategy of the strategy	Ref 20.00 dBm   Second Secon

## Duty Cycle NVNT ac40 5795MHz Ant1

Agilent Spect	trum Ana	lyzer - Swept S	A								
Center F	<sub>R</sub> ⊧ Freq 5	50 Ω AC .7750000	00 GHz F	SE PNO: Fast ↔ Gain:Low	NSE:PULSE Trig: Free #Atten: 30	Run dB	ALIO	3N OFF #Avg Type:	RMS	12:28:08 TF	PM Mar 30, 20 RACE 1 2 3 4 TYPE WWWWW DET P N N N
10 dB/div	Ref ( Ref	Offset 3.41 di 20.00 dBn	B n							Mkr1 -11	5.000 m .70 dB
10.0											
).00	Ale ale	and the fact the	i di di di di	i. A. C. A.	in the to the	1	1.04.0	de la secol	i d. i d	CALCER OF LA	Land the fit
	Colling and the second s	in provide a generative state A solution of a solution and	a faring a faring a far an	en marine a population par a saline sidenal car	and the second of the second s	anno seite (Apri Ann heimelite aith ai	himper () pi	and Departures	n fan regel i wyr o regel y fan I fan refel mae fin fran fif a	nden med i benne fersteller i Nicht med i benne i seiteren	anga da waxay yanga da Man kunsilik milikuli sa
0.0	Institution of	a la cara trava	A Charles and here	a hours boo	the late the	distances.	ac h se la	. It so and the	da hours h	dan la dan la	(IN) . It at some
0.0											
0.0											
0.0		<u> </u>									
30.0						-					
0.0					-						
enter 5 .es BW	.77500 1.0 Mi	)0000 GHz Iz		#VB	W 3.0 MHz	2			Sweep	10.00 ms	Span 0 (10001 p
KR MODE	iric scl 1 t		x 5.000 ms	۲ 11.70-	FUN dBm	ICTION	FUNCTIO	IN WIDTH	F	UNCTION VALUE	
3											
4 5											
6											
8											
9											
11											1 6
								CTATIO			

Duty Cycle NVNT ac80 5775MHz Ant1





### **12.ANTENNA REQUIREMENT**

Standard requirement:	FCC Section 15.203
15.203 requirement:	d to oncure that no entering other then that furnished by the responsible party

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. **RSS-Gen requirement:** 

According to the RSS-Gen Section 6.8, 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.

This device uses of Two antennas that uses a specified coupling to the intentional radiator. Antenna connectors complied with the requirement.

#### EUT Antenna:

The WIFI 5G antennas are External detachable antenna, the best case gain for two antennas are 7.66dBi, reference to the appendix II for details









Project No.: ZKT-240415L3773-2 Page 108 of 108

#### **13. TEST SETUP PHOTO**

Reference to the appendix I for details.

### **14. EUT CONSTRUCTIONAL DETAILS**

Reference to the appendix II for details.

**\*\*\*\*\*\* END OF REPORT \*\*\*\*\*** 

