













10.7. APPENDIX G: DUTY CYCLE 10.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
SRD 10MHz	50.00	50.00	1.0000	100.00	0.00	N/A	0.01
SRD 20MHz	50.00	50.00	1.0000	100.00	0.00	N/A	0.01
SRD 40MHz	50.00	50.00	1.0000	100.00	0.00	N/A	0.01
SRD 60MHz	50.00	50.00	1.0000	100.00	0.00	N/A	0.01

Note: All antennas had been tested, but only the worst data was recorded in the report.

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer, then the next higher value should be used.

If the EUT is configured to transmit with duty cycle \ge 98%, set VBW \le RBW/100 (i.e., 10 kHz) but not less than 10 Hz.



10.7.2. Test Graphs

Spect											
👄 Att	evel 35.00 d 40	dB 👄 SWT	21.74 dB 👄 50 ms 👄	VBW 10 M	Hz Hz						
SGL CO	unt 1/1	TRG: VI	D								
30 dBm											
				-			-				
-20-dBm	TRG 20.0	00 dBm									
10 dBm	_	_									
0 dBm-											
0 4511											
-10 dBr											
-20 dBr											
-30 dBr											
-40 dBr											
-50 dBr		_									
-60 dBr											
	075 GHz			8000	nts				5.0 ms/		
[)[0000	Re	adv 🛛		4,40	05.2024		
Date: 21.1	AY.2024 08:1	2:39									
					A	107 5					
			SRD 10	JIVIHZ_	<u>_Ant0_2</u>	407.5					
Spect			01 70 10 -	DD14 10.1						ļ	
👄 Att	40	Bm Offset dB = SWT	50 ms 👄	VBW 10 M	Hz						
	unt 1/1	TRG: VI	D								
30 dBm											
-20-dBm	TRG 19.4	00 dBm									
10 dBm											
0 dBm-											
-10 dBr											
-20 dBr) <u> </u>										
-30 dBr	-										
-40 dBr											
-50 dBr											
-60 dBr	ı	_									
CF 2.4	125 GHz			8000	pts				5.0 ms/		
					Re	odv 🗧		440	105.2024		
Date: 29.	AY.2024 05:0	1:15									
			SRD 20)MHz	Ant0 2	412.5					
Spect	- CU122									1	
Ref L	evel 35.00 d	Bm Offset	21.78 dB 👄	RBW 10 M	Hz					l	
Att	40 ount 1/1	dB 👄 SWT TRG:VI	50 ms 👄	VBW 10 M	Hz						
● 1Pk C	rw										
30 dBm											
20'6Bm											
	TRG 16.7	00 dBm									
10 dBm											
0 dBm-	_										
-10 dBr											
						T	T	T			
-20 dBr											
-30 dBr											
-40 dBr											
-50 dBr											
-60 dBr											
	225 GHz	<u> </u>		8000	pts				5.0 ms/		
C					Re	odv 🗧		490	1.05.2024		
Date: 29.1	AY.2024 05:3	6:03									
			SRD 40		Anto o	0122 F					
			5ND 40	_אוואות		.4ZZ.0					

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



Spectru	m									
Ref Lev Att	el 35.00 dBr	n Offset B e SWT		RBW 10 N						
SGL Cour		TRG: VI		VBW 10 M	142					
1Pk Clrw										
30 dBm-										
te diversion		0 dBm	in latin durin	terierineterineteri	induction in the second	tari tekseinete				
10 dBm-	TRG 17.10	0 dBm								
0 dBm										
-10 dBm-										
-20 dBm-										
-30 dBm-										
-40 dBm-										
-50 dBm-										
-60 dBm-										
									5.0	
CF 2.432	5 GHZ			8000	pts	in the second		440	5.0 ms/	
						00009-		agest.		
Date: 29.MA	Y.2024 06:13:									
			SRD 6	0MHz_	Ant0	2432.5	;			

END OF REPORT