

	Dut	y Cycle NVN	VT n40	) 5755MHz	2	
Agilent Spectrum Analyzer - S RL RF 5 Center Freq 5.755	0 Ω AC 000000 GHz PNO: Fast ←	SENSE:INT → Trig: Free Run #Atten: 40 dB	Avg	ALIGN AUTO Type: Log-Pwr	04:16:21 PM Dec 24, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWWW DET P N N N N	Frequency
Ref Offset 10 dB/div Ref 30.0	IFGain:Low _ 3.72 dB 0 dBm	#Atten: 40 dB		Ν	/kr1 50.00 ms 9.85 dBm	Auto Tune
20.0 10.0 0.00		1				Center Freq 5.755000000 GHz
-10.0						Start Freq 5.755000000 GHz
-40.0						<b>Stop Freq</b> 5.755000000 GHz
Center 5.755000000 Res BW 8 MHz		W 8.0 MHz		Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL 1 N 1 t 2 3 4 4	× 50.00 ms	⊻ 9.85 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Freq Offset
5 6 7 8 9 10						
11 A A A A A A A A A A A A A A A A A A				STATUS	•	
130	Dut	/ Cycle NVN	IT ac2		7	
🧾 Agilent Spectrum Analyzer - S 📈 R.L RF 50		SENSE:INT		ALIGN AUTO	04:17:46 PM Dec 24, 2024	
Center Freq 5.745	000000 GHz PNO: Fast + IFGain:Low	T-1 F P	Avg	Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE WWWWW DET P NNNN	Frequency
Ref Offset 10 dB/div Ref 30.0	3.72 dB			N	/kr1 50.00 ms 13.23 dBm	Auto Tune
20.0 10.0 0.00						Center Fred 5.745000000 GHz
-10.0 -20.0 -30.0						Start Free 5.745000000 GH:
-40.0 -50.0 -60.0						<b>Stop Fred</b> 5.745000000 GH
Center 5.74500000 Res BW 8 MHz		W 8.0 MHz		Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MHz
MKR MODE TRC SCL	× 50.00 ms	ү 13.23 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar I
1 N 1 t 2 3 4						Freq Offse 0 Hi
2 3 4 5 6 7 7 8 9					E	
2 3 4 5 6 7 8				STATUS	E	



	Duty	/ Cycle INVIN	T ac40 5755MH	Ζ	
Agilent Spectrum Analyzer - Sv RL RF 50		SENSE:INT	ALIGN AUTO	04:16:04 PM Dec 24, 2024	
Center Freq 5.7550		→ Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	IFGain:Low	#Atten: 40 dB			Auto Tune
Ref Offset 3 10 dB/div Ref 30.00	3.72 dB 0 <b>dBm</b>		n	/lkr1 50.00 ms 9.96 dBm	
20.0					Contor Fro
10.0		▲                                     • !			Center Free 5.755000000 GH;
0.00					
-10.0					Start Fred
-20.0					5.755000000 GH
-30.0					
-40.0					Stop Fred
-60.0					5.755000000 GH:
Center 5.755000000	GH7			Span 0 Hz	CF Step
Res BW 8 MHz		W 8.0 MHz	Sweep 100	.0 ms (10001 pts)	8.000000 MH
MKR MODE TRC SCL	X	Y F 9.96 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mai
2	50.00 ms	9.96 dBm			Freq Offse
4				_	0 H:
6 7					
8					
10					
•		m		4	
ISG			STATUS		
🔰 Agilent Spectrum Analyzer - Sv		/ Cycle NVN	T ac80 5775MH	Z	
X/ RL RF 50	Ω AC	SENSE:INT	ALIGN AUTO	04:14:51 PM Dec 24, 2024 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.7750		+ Trig: Free Run	Avg Type: Log-Pwr		
	PNO: Fast +			TYPE WHAAAAAAAAA	
	IFGain:Low _	#Atten: 40 dB		DET PNNNN	
Ref Offset 3 10 dB/div Ref 30.00	IFGain:Low _		Ν	TYPE WHAAAAAAAAA	
10 dB/div Ref 30.00	IFGain:Low _	#Atten: 40 dB	N	Akr1 50.00 ms	Auto Tune
10 dB/div Ref 30.00	IFGain:Low _			Akr1 50.00 ms	Auto Tuno Center Free
10 dB/div Ref 30.00	IFGain:Low _	#Atten: 40 dB		Akr1 50.00 ms	Auto Tuno Center Free
10 dB/div Ref 30.00 20.0 10.0 .000 .10.0	IFGain:Low _	#Atten: 40 dB		Akr1 50.00 ms	Auto Tune Center Free 5.77500000 GH Start Free
10 dB/div Ref 30.00 0 0 10.0 0.00 -0.00 -0.00 -0.00 -0.00 -0.00	IFGain:Low _	#Atten: 40 dB		Akr1 50.00 ms	Auto Tune Center Free 5.77500000 GH Start Free
10 dB/div Ref 30.00 0 0 10.0 0.00 -10.0	IFGain:Low _	#Atten: 40 dB		Akr1 50.00 ms	Auto Tune Center Free 5.775000000 GH Start Free 5.775000000 GH
10 dB/div Ref 30.00 0 dB/div Ref 30.00 10 0 10 0 1	IFGain:Low _	#Atten: 40 dB		Akr1 50.00 ms	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: Stop Free
10 dB/div Ref 30.00 0 dB/div Ref 30.00 10.0 -10.0 -10.0 -20.0 -30.0 -40.0	IFGain:Low _	#Atten: 40 dB		Akr1 50.00 ms	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: Stop Free
10 dB/div Ref 30.00 0 dB/div Ref 30.00 10 0 10 0 1	IFGain:Low	#Atten: 40 dB		Akr1 50.00 ms 8.40 dBm	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: CF Step
10 dB/div Ref 30.00 200 100 100 100 100 100 100 1	1FGain:Low	#Atten: 40 dB	Sweep 100	Akr1 50.00 ms 8.40 dBm	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH:
10  Bell  30.00    0  0  0    100  0  0    100  0  0    100  0  0    100  0  0    100  0  0    100  0  0    100  0  0    100  0  0    200  0  0    -300  0  0    -400  0  0    -500  0  0    -600  0  0    Center 5.7750000000  0    Res BW 8 MHz  MKR MODE TRC SCL    1  1  1	IFGain:Low	#Atten: 40 dB		Akr1 50.00 ms 8.40 dBm	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: CF Step 8.00000 MH:
In or Birdiv  Ref 30.00    09	IFGain:Low	#Atten: 40 dB	Sweep 100	Akr1 50.00 ms 8.40 dBm	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 6.775000000 GH: 6.77500000 GH: 6.77500000 GH: 6.775000000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.775000000 GH: 6.7750000000 GH: 6.7750000000 GH: 6.7750000000 GH: 6.775000000 GH: 6.7750000000 GH: 6.77500000000000000000000000000000000000
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10  Bef  30.00    0  -  -    100  -  -    100  -  -    100  -  -    100  -  -    -100  -  -    -100  -  -    -200  -  -    -300  -  -    -40.0  -  -    -50.0  -  -    -60.0  -  -    -60.0  -  -    -60.0  -  -    -60.0  -  -    -7  -  -	IFGain:Low	#Atten: 40 dB	Sweep 100	Akr1 50.00 ms 8.40 dBm	Auto Tune Center Frec 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH:
10  BZ/div  Ref  30.00    09	IFGain:Low	#Atten: 40 dB	Sweep 100	Akr1 50.00 ms 8.40 dBm	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 6.775000000 GH: 6.77500000 GH: 6.77500000 GH: 6.775000000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.77500000 GH: 6.775000000 GH: 6.7750000000 GH: 6.7750000000 GH: 6.7750000000 GH: 6.775000000 GH: 6.7750000000 GH: 6.77500000000000000000000000000000000000
O dB/div  Ref 30.00    -09	IFGain:Low	#Atten: 40 dB	Sweep 100	Akr1 50.00 ms 8.40 dBm	Auto Tune Center Free 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 5.775000000 GH: 6.775000000 GH: CF Step 8.000000 MH: Auto Mar



	Duty	y Cycle NVN	T ax20 5745M⊦	lz	
Agilent Spectrum Analyzer - S RL RF 50 Center Freq 5.745	Ω AC	SENSE:INT → Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Log-Pwr	04:17:26 PM Dec 24, 2024 TRACE 1 2 3 4 5 6 TYPE DET P N N N N N	Frequency
Ref Offset 10 dB/div Ref 30.00	3.72 dB			Mkr1 50.00 ms 13.52 dBm	Auto Tune
20.0 10.0		1			Center Freq 5.745000000 GHz
-10.0					Start Freq 5.745000000 GHz
-40.0					<b>Stop Freq</b> 5.745000000 GHz
Center 5.745000000 Res BW 8 MHz		W 8.0 MHz	Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL 1 N 1 t 2 3 4 5	× 50.00 ms	Y F 13.52 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offset
6 7 8 9 10					
11					
MSG			STATUS	-	
📕 Agilent Spectrum Analyzer - S		y Cycle NVN	T ax40 5755M⊦	Z	
	0 Ω AC 000000 GHz PNO: Fast *	SENSE:INT → Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Log-Pwr	04:15:40 PM Dec 24, 2024 TRACE 2 3 4 5 6 TYPE WWWWW DET P N N N N N	Frequency
Ref Offset 10 dB/div Ref 30.00		#Atten: 40 dB		Mkr1 50.00 ms 10.14 dBm	Auto Tune
20.0 10.0 0.00		1			Center Freq 5.755000000 GHz
-10.0					Start Free 5.755000000 GHz
-40.0					<b>Stop Fred</b> 5.755000000 GHz
Center 5.755000000 Res BW 8 MHz		W 8.0 MHz	Sweep 100	Span 0 Hz .0 ms (10001 pts)	CF Step 8.000000 MHz
MKR MODE TRC SCL	× 50.00 ms	Y F 10.14 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man Freq Offset
2 3 4					0 Hz
3 4 5 6 7 7 8 9				E	
3 4 5 6 7 8					



	Duty Cycle N	VNT ax80 5775M	Hz	
Agilent Spectrum Analyzer - Swept SA X RL RF 50 Ω AC	SENSE		04:14:30 PM Dec 24, 2024	
Center Freq 5.775000000	CHZ PNO: Fast ↔→ IFGain:Low Trig: Free R #Atten: 40 c		TRACE 1 2 3 4 5 6 TYPE WWWWWW DET PNNNNN	Frequency
Ref Offset 3.72 dB 10 dB/div Ref 30.00 dBm			Mkr1 5.000 ms 8.27 dBm	Auto Tune
20.0				Center Fred
0.00				5.775000000 GHz
-10.0				Start Fred 5.775000000 GHz
-30.0				
-50.0				Stop Fred 5.775000000 GHz
Center 5.775000000 GHz Res BW 8 MHz	#VBW 8.0 MHz	Sweep 1	Span 0 Hz 0.00 ms (10001 pts)	CF Step 8.000000 MHz
MKR MODE TRC SCL X	5.000 ms 8.27 dBn	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 3 4 4				Freq Offset 0 Hz
5 6 7 8				
9 10 11				
MSG		STATU	4	



# 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 Interal antenna is 4.43 dBi. It comply with the standard requirement.

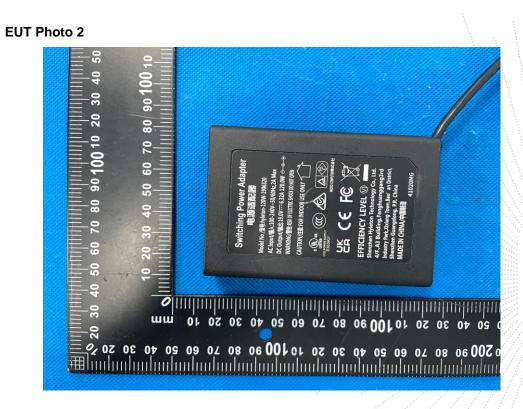
Edition: B2



### **16. EUT Photographs**

### EUT Photo 1





No. : BCTC/RF-EMC-005



#### **EUT Photo 3**



#### EUT Photo 4



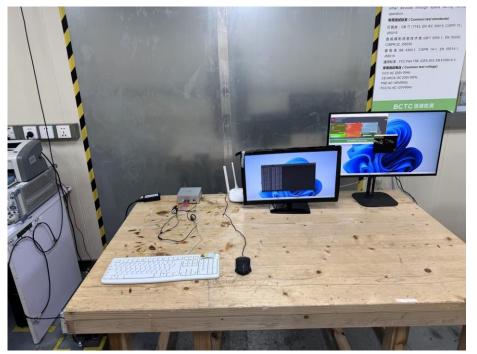
NOTE: Appendix-Photographs Of EUT Constructional Details.

No. : BCTC/RF-EMC-005

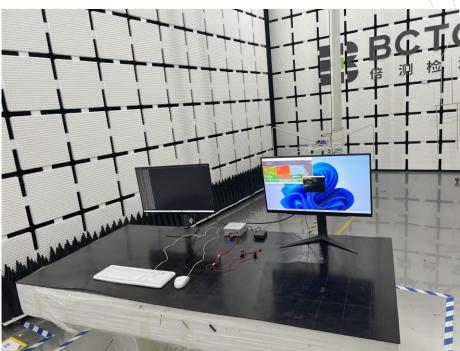


# 17. EUT Test Setup Photographs

### **Conducted Emissions Photo**



**Radiated Measurement Photos** 







No. : BCTC/RF-EMC-005

Page: 370 of 371



# STATEMENT

1. The equipment lists are traceable to the national reference standards.

2. The test report can not be partially copied unless prior written approval is issued from our lab.

3. The test report is invalid without the "special seal for inspection and testing".

4. The test report is invalid without the signature of the approver.

5. The test process and test result is only related to the Unit Under Test.

6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.

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

8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: http://www.chnbctc.com

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Complaint/Advice E-mail: advice@bctc-lab.com.cn

\*\*\*\*\* END \*\*\*\*\*