

Shenzhen HTT Technology Co., Ltd.

Report No.: HTT202408313F02

TEST Report

Applicant: ShenZhen Doctors of Intelligence & Technology Co.,Ltd

Address of Applicant: 903, 904, Building A, Building 8, International Innovation

Valley, Second Dashi Road, Xili, Nanshan District, Shenzhen

Manufacturer: Shenzhen Star Link Technology Co., LTD

Address of Floor 2, Building D, Kejitong Industrial Zone, Fuhai Street,

Manufacturer : Bao'an District, Shenzhen

Equipment Under Test (EUT)

Product Name: WiFi&BLE Module

Model No.: ESP-C20

Series model: ESP-C05, ESPC2-05

Trade Mark:

FCC ID: 2BB77-ESP-C20

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of sample receipt: Aug. 14, 2024

Date of Test: Aug. 14, 2024 ~ Aug. 20, 2024

Date of report issued: Aug. 20, 2024

Test Result: PASS *

^{*} In the configuration tested, the EUT complied with the standards specified above.



1. Version

Version No.	Date	Description
00	Aug. 20, 2024	Original

Tested/ Prepared By	Heber He	Date:	Aug. 20, 2024	
	Project Engineer			
Check By:	Bruce Zhu	Date:	Aug. 20, 2024	
	Reviewer	HNO		
Approved By :	Kein Yang HT	Date:	Aug. 20, 2024	
	Authorized Signature	\\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		



2. Contents

	Page
1. VERSION	2
2. CONTENTS	3
3. TEST SUMMARY	4
4. GENERAL INFORMATION	5
4.1. GENERAL DESCRIPTION OF EUT 4.2. TEST MODE 4.3. DESCRIPTION OF SUPPORT UNITS 4.4. DEVIATION FROM STANDARDS 4.5. ABNORMALITIES FROM STANDARD CONDITIONS 4.6. TEST FACILITY 4.7. TEST LOCATION 4.8. ADDITIONAL INSTRUCTIONS	
6. TEST RESULTS AND MEASUREMENT DATA	_
6.1. CONDUCTED EMISSIONS 6.1.1. Radiated Emission Method 6.1.2. Radiated Emission Method 6.2. ANTENNA REQUIREMENT	11 13
7. TEST SETUP PHOTO	21
8. EUT CONSTRUCTIONAL DETAILS	21



3. Test Summary

,		
Test Item	Section	Result
Antenna requirement	FCC part 15.203/15.247 (c)	Pass
Band Edge	FCC part 15.247(d)	Pass
Spurious Emission	FCC part 15.205/15.209	Pass

Remark: Test according to ANSI C63.10:2013 and RSS-Gen

Pass: The EUT complies with the essential requirements in the standard.

Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes			
Radiated Emission	30~1000MHz	4.37 dB	(1)			
Radiated Emission	1~6GHz	5.40 dB	(1)			
Radiated Emission	6~40GHz	5.45 dB	(1)			
Conducted Disturbance	0.15~30MHz	2.68 dB	(1)			
Note (1): The measurement unce	Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.					



4. General Information

4.1. General Description of EUT

Product Name:	WiFi&BLE Module
Model No.:	ESP-C20
Series model:	ESP-C05, ESPC2-05
Test sample(s) ID:	HTT202408313-1(Engineer sample)
	HTT202408313-2(Normal sample)
Channel numbers:	802.11b/802.11g /802.11n(HT20): 11
Channel separation:	5MHz
Modulation technology:	802.11b: Direct Sequence Spread Spectrum (DSSS)
	802.11g/802.11n(HT20):
	Orthogonal Frequency Division Multiplexing (OFDM)
Antenna Type:	FPC Antenna
Antenna gain:	2.94 dBi
Power supply:	DC 3.3V



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Test channel	Frequency (MHz)
rest Chamber	802.11b/802.11g/802.11n(HT20)
Lowest channel	2412MHz
Middle channel	2437MHz
Highest channel	2462MHz



4.2. Test mode

Transmitting mode Keep the EUT in continuously transmitting mode

Remark: During the test, the dutycycle >98%, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Pre-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.

Mode	802.11b	802.11g	802.11n(HT20)
Data rate	1Mbps	6Mbps	6.5Mbps

4.3. Description of Support Units

None.

4.4. Deviation from Standards

None.

4.5. Abnormalities from Standard Conditions

None.

4.6. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 779513 Designation Number: CN1319

Shenzhen HTT Technology Co.,Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA-Lab Cert. No.: 6435.01

Shenzhen HTT Technology Co.,Ltd. has been accredited by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

4.7. Test Location

All tests were performed at:

Shenzhen HTT Technology Co.,Ltd.

1F, Building B, Huafeng International Robotics Industrial Park, Hangcheng Road, Nanchang Community, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China

Tel: 0755-23595200 Fax: 0755-23595201

4.8. Additional Instructions

Test Software	Special AT test command provided by manufacturer to Keep the EUT in continuously transmitting mode and hopping mode
Power level setup	Default

5. Test Instruments list

140000	Tool Equipment	Manufacturer	Madal Na	Inventory	Cal Data	Cal Dua data
Item	Test Equipment	Manufacturer	Model No.	Inventory	Cal.Date	Cal.Due date



	I			•	, , , , ,	ı
				No.	(mm-dd-yy)	(mm-dd-yy)
1	3m Semi- Anechoic Chamber	Shenzhen C.R.T technology co., LTD	9*6*6	HTT-E028	Aug. 10 2024	Aug. 09 2027
2	Shenzhen C.R.T		4.8*3.5*3.0	HTT-E030	Aug. 10 2024	Aug. 09 2027
3	EMI Test Receiver	Rohde&Schwar	ESCI7	HTT-E022	Apr. 26 2024	Apr. 25 2025
4	Spectrum Analyzer	Rohde&Schwar	FSP	HTT-E037	Apr. 26 2024	Apr. 25 2025
5	Coaxial Cable	ZDecl	ZT26-NJ-NJ-0.6M	HTT-E018	Apr. 26 2024	Apr. 25 2025
6	Coaxial Cable	ZDecl	ZT26-NJ-SMAJ-2M	HTT-E019	Apr. 26 2024	Apr. 25 2025
7	Coaxial Cable	ZDecl	ZT26-NJ-SMAJ-0.6M	HTT-E020	Apr. 26 2024	Apr. 25 2025
8	Coaxial Cable	ZDecl	ZT26-NJ-SMAJ-8.5M	HTT-E021	Apr. 26 2024	Apr. 25 2025
9	Composite logarithmic antenna	Schwarzbeck	VULB 9168	HTT-E017	May. 21 2024	May. 20 2025
10	Horn Antenna	Schwarzbeck	BBHA9120D	HTT-E016	May. 20 2024	May. 19 2025
11	Loop Antenna	Zhinan	ZN30900C	HTT-E039	Apr. 26 2024	Apr. 25 2025
12	Horn Antenna	l Beijing Hangwei Dayang	OBH100400	HTT-E040	Apr. 26 2024	Apr. 25 2025
13	low frequency Amplifier	Sonoma Instrument	310	HTT-E015	Apr. 26 2024	Apr. 25 2025
14	high-frequency Amplifier	HP	8449B	HTT-E014	Apr. 26 2024	Apr. 25 2025
15	Variable frequency power supply	Shenzhen Anbiao Instrument Co., Ltd	ANB-10VA	HTT-082	Apr. 26 2024	Apr. 25 2025
16	EMI Test Receiver	Rohde & Schwarz	ESCS30	HTT-E004	Apr. 26 2024	Apr. 25 2025
17	Artificial Mains	Rohde & Schwarz	ESH3-Z5	HTT-E006	May. 23 2024	May. 22 2025
18	Artificial Mains	Rohde & Schwarz	ENV-216	HTT-E038	May. 23 2024	May. 22 2025
19	Cable Line	Robinson	Z302S-NJ-BNCJ-1.5M	HTT-E001	Apr. 26 2024	Apr. 25 2025
20	Attenuator	Robinson	6810.17A	HTT-E007	Apr. 26 2024	Apr. 25 2025
21	Variable frequency power supply	Shenzhen Yanghong Electric Co., Ltd	YF-650 (5KVA)	HTT-E032	Apr. 26 2024	Apr. 25 2025
22	Control Room	Shenzhen C.R.T technology co., LTD	8*4*3.5	HTT-E029	Aug. 10 2024	Aug. 09 2027
23	DC power supply	Agilent	E3632A	HTT-E023	Apr. 26 2024	Apr. 25 2025
24	EMI Test Receiver	Agilent	N9020A	HTT-E024	Apr. 26 2024	Apr. 25 2025
25	Analog signal generator	Agilent	N5181A	HTT-E025	Apr. 26 2024	Apr. 25 2025
26	Vector signal generator	Agilent	N5182A	HTT-E026	Apr. 26 2024	Apr. 25 2025
27	Power sensor	Keysight	U2021XA	HTT-E027	Apr. 26 2024	Apr. 25 2025
28	Temperature and humidity meter	Shenzhen Anbiao Instrument Co., Ltd	TH10R	HTT-074	Apr. 28 2024	Apr. 27 2025
29	Radiated Emission Test Software	Farad	EZ-EMC	N/A	N/A	N/A
30	Conducted Emission Test Software	Farad	EZ-EMC	N/A	N/A	N/A
31	RF Test Software	panshanrf	TST	N/A	N/A	N/A



6. Test results and Measurement Data

6.1. Conducted Emissions

 Oonducted Ennissions								
Test Requirement:	FCC Part15 C Section	n 15.207						
Test Method:	ANSI C63.10:2013							
Test Frequency Range:	150KHz to 30MHz							
Class / Severity:	Class B							
Receiver setup:	RBW=9KHz, VBW=3	30KHz, Sv	veep time=auto					
Limit:	Frequency range	(MHz)	Limi	t (dBuV)				
		(IVII IZ)	Quasi-peak		rage			
	0.15-0.5		66 to 56*		0 46*			
	0.5-5 5-30		56 		6			
	* Decreases with the	logarithm			0			
Test setup:		ence Plane	r or the mequency.					
Test procedure:	Test table/Insulation pi Remark: E.U.T. Equipment Under Test LISN: Line Impedance Stabilizati Test table height=0.8m 1. The E.U.T and sir line impedance st 500hm/50uH coup 2. The peripheral de LISN that provides termination. (Plea photographs).	mulators a abilization oling impervices are a 500hm se refer to	re connected to the network (L.I.S.N.). dance for the measure also connected to the 1/50uH coupling imports the block diagram.	This provides suring equipm he main powe bedance with of the test se	s a ent. er through a 50ohm tup and			
	3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.							
Test Instruments:	Refer to section 6.0 f	or details						
Test mode:	Refer to section 5.2 f	or details		1				
Test environment:	Temp.: 25 °C	Hum	nid.: 52%	Press.:	1012mbar			
Test voltage:	AC 120V, 60Hz							
Test results:	Pass							

Remark: Both high and low voltages have been tested to show only the worst low voltage test data.



Measurement data:

N/A



6.1.1. Radiated Emission Method

	IIII33IOII WIC							
Test Requirement:	FCC Part15	C Section 1	5.209 a	and 15.20	05			
Test Method:	ANSI C63.1	0: 2013						
Test Frequency Range:		estrict bands data was sho		tested, o	only the wo	orst band's (2	2310MHz to	
Test site:	Measureme	nt Distance:	3m					
Receiver setup:	Frequenc	•		RBW			emark	
	Above 1GI	Hz Pea		1MHz 1MHz			k Value ge Value	
Limit:	Fre	equency	L	•	uV/m @3m	,	emark	
	Abo	ve 1GHz			4.00		ge Value k Value	
Test setup:	Tum Table- <150cm;	7 11 11	< 3m :	Test Ante	1			
Toot Dropoduro								
	Test Procedure: 1. The EUT was placed on the top of a rotating table 1.5 meters above ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antent tower. 3. The antenna height is varied from one meter to four meters above ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make measurement. 4. For each suspected emission, the EUT was arranged to its worst c and then the antenna was tuned to heights from 1 meter to 4 meter and the rota table was turned from 0 degrees to 360 degrees to fin maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower thar limit specified, then testing could be stopped and the peak values of EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-pea							
Test Instruments:	Refer to sec	ction 6.0 for c	letails					
Test mode:	Refer to sec	ction 5.2 for c	letails					
Test results:	Pass			1		T	1	
Test environment:	Temp.:	25 °C	Humi	d.: 5	52%	Press.:	1012mbar	



Measurement Data

Remark: During the test, pre-scan the 802.11b/802.11g/802.11n (H20) modulation, and found the 802.11b modulation which it is worse case.

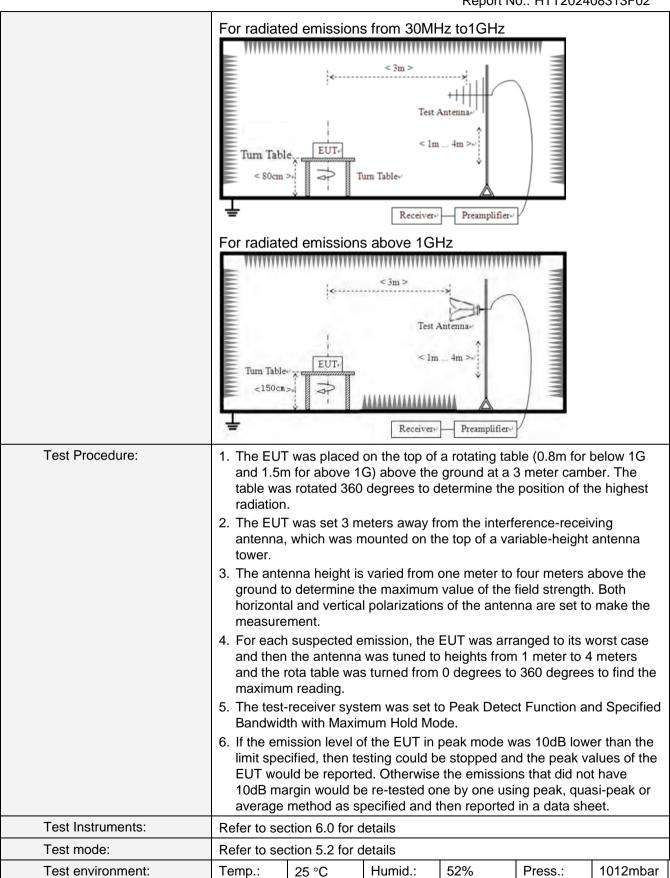
Freque	ncy(MHz)	:	24	12	Pola	arity:		HORIZONT	AL		
Frequency (MHz)	Emis Le [,] (dBu	vel	Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)		
2390.00	61.62	PK	74	12.38	63.01	27.2	4.31	32.9	-1.39		
2390.00	43.69	AV	54	10.31	45.08	27.2	4.31	32.9	-1.39		
Freque	Frequency(MHz):			12	Pola	arity:		VERTICA	L		
Frequency (MHz)	Emis Le [,] (dBu	vel	Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)		
2390.00	60.24	PK	74	13.76	61.63	27.2	4.31	32.9	-1.39		
2390.00	46.07	AV	54	7.93	47.46	27.2	4.31	32.9	-1.39		
Freque	ncy(MHz)	:	24	62	Pola	arity:		HORIZONTAL			
Frequency (MHz)	Emis Le [,] (dBu	vel	Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)		
2483.50	56.28	PK	74	17.72	57.21	27.4	4.47	32.8	-0.93		
2483.50	43.66	AV	54	10.34	44.59	27.4	4.47	32.8	-0.93		
Freque	ncy(MHz)	:	24	62	Pola	arity:		VERTICA	.L		
Frequency (MHz)	Emis Le [,] (dBu	vel	Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)		
2483.50	54.50	PK	74	19.50	55.43	27.4	4.47	32.8	-0.93		
2483.50	44.51	AV	54	9.49	45.44	27.4	4.47	32.8	-0.93		



6.1.2. Radiated Emission Method

6.1.2. Radiated E	mission wethod									
Test Requirement:	FCC Part15 C Section	on 15	5.209							
Test Method:	ANSI C63.10:2013									
Test Frequency Range:	9kHz to 25GHz									
Test site:	Measurement Distar	nce: 3	3m							
Receiver setup:	Frequency		Detector	RB∖	N	VBW	1	Value		
	9KHz-150KHz	Q	ıasi-peak	200H	Ηz	600Hz	Z	Quasi-peak		
	150KHz-30MHz	Qι	ıasi-peak	9K⊦	łz	30KH:	Z	Quasi-peak		
	30MHz-1GHz	Qι	ıasi-peak	120K	Hz	300KH	lz	Quasi-peak		
	Above 1GHz		Peak	1MF	łz	3MHz		Peak		
	Above 10112		Peak	1MF	łz	10Hz	•	Average		
Limit:	Frequency		Limit (u\	//m)	V	alue	N	Measurement Distance		
	0.009MHz-0.490M	lHz	2400/F(k	(Hz)		QP		300m		
	0.490MHz-1.705M	lHz	24000/F(KHz)		QP		30m		
	1.705MHz-30MHz		30			QP	30m			
	30MHz-88MHz		100			QP				
	88MHz-216MHz	<u> </u>	150			QP				
	216MHz-960MH	Z	200			QP		3m		
	960MHz-1GHz		500		QP			5111		
	Above 1GHz		500		Av	erage				
	7,0000 10112		5000)	F	Peak				
Test setup:	For radiated emiss	sions	from 9kH	z to 30	MH:	Z				
	**********	11111	**********	*******	11111	******				
	Turn Table EUT- Socm > Im Receiver-									





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Test voltage:	AC 120V, 60Hz
Test results:	Pass

Remarks:

- 1. Only the worst case Main Antenna test data.
- 2.Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

Measurement data:

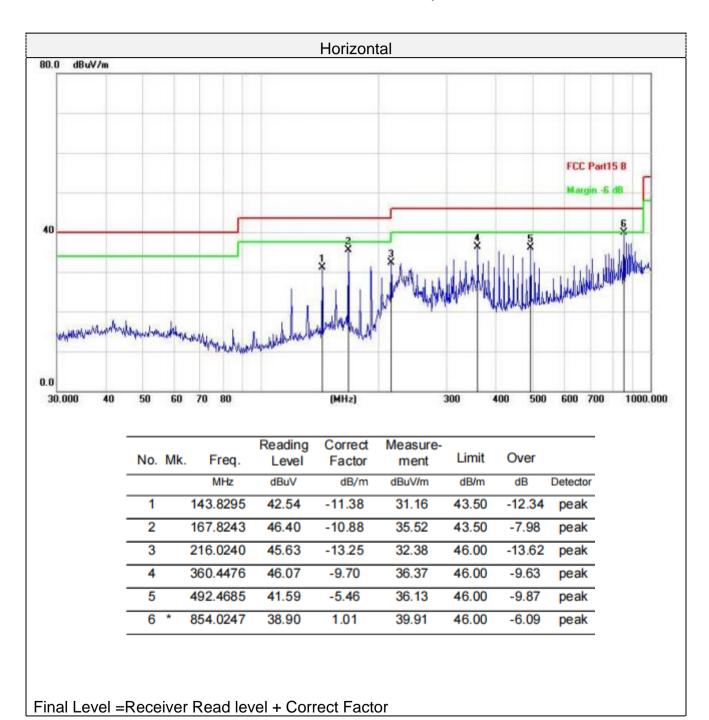
■ 9kHz~30MHz

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

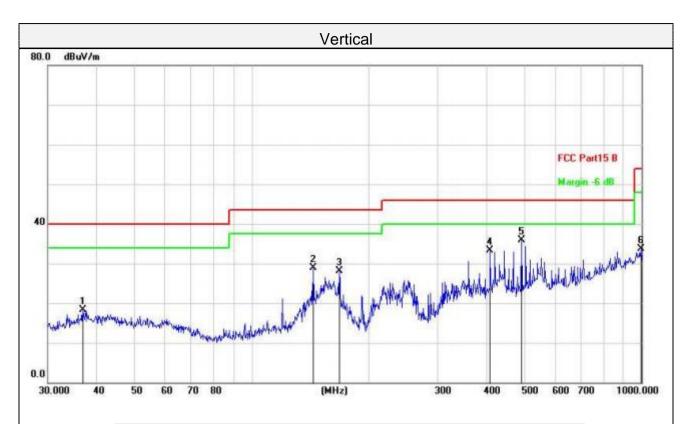


■ Below 1GHz

Pre-scan all test modes, found worst case at 802.11b 2437MHz, and so only show the test result of 802.11b 2437MHz







No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dB/m	dB	Detector
1		36.8953	29.14	-10.76	18.38	40.00	-21.62	peak
2		143.8295	40.33	-11.38	28.95	43.50	-14.55	peak
3		167.8243	38.92	-10.88	28.04	43.50	-15.46	peak
4		408.9460	40.94	-7.71	33.23	46.00	-12.77	peak
5	*	492.4685	41.28	-5.46	35.82	46.00	-10.18	peak
6		996.4996	30.04	3.57	33.61	54.00	-20.39	peak

Final Level =Receiver Read level + Correct Factor



■ Above 1-25GHz

Note: During the test, pre-scan the 802.11b/802.11g/802.11n (H20) modulation, and found the 802.11b modulation which it is worse case.

802.11b:

Freq	uency(Mł	∃z):	24	12	Pola	rity:		tor amplifier Factor (dB) (dB/m) (32 31.75 5.82 (32 31.75 5.82 (43 31.45 12.81	
Frequency		ssion vel	Limit	Margin Raw Antenna Cable Value Factor Factor			Correction		
(MHz)	(dBuV/m)		(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	·	
4824.00	59.83	PK	74	14.17	54.01	31.05	6.52	31.75	5.82
4824.00	43.40	AV	54	10.60	37.58	31.05	6.52	31.75	5.82
7236.00	56.29	PK	74	17.71	43.48	36.08	8.18	31.45	12.81
7236.00	47.75	AV	54	6.25	34.94	36.08	8.18	31.45	12.81

Frequ	uency(MH	z):	24	12	Pola	rity:		VERTICAL	_
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)
4824.00	60.35	PK	74	13.65	54.53	31.05	6.52	31.75	5.82
4824.00	43.94	AV	54	10.06	38.12	31.05	6.52	31.75	5.82
7236.00	57.30	PK	74	16.70	44.49	36.08	8.18	31.45	12.81
7236.00	47.16	AV	54	6.84	34.35	36.08	8.18	31.45	12.81

Freq	uency(MH	z):	24	37	Pola	rity:		Factor amplifier Facto (dB) (dB) (dB/m 6.7 31.51 6.44 6.7 31.51 6.44 8.31 31.42 13.14	
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Factor	amplifier	Correction Factor (dB/m)
4874.00	61.98	PK	74	12.02	55.54	31.25	6.7	31.51	6.44
4874.00	45.39	AV	54	8.61	38.95	31.25	6.7	31.51	6.44
7311.00	56.13	PK	74	17.87	42.99	36.25	8.31	31.42	13.14
7311.00	45.59	AV	54	8.41	32.45	36.25	8.31	31.42	13.14



Freq	uency(MH	z):	24	37	Pola	rity:		VERTICAL	-
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)
4874.00	61.01	PK	74	12.99	54.57	31.25	6.7	31.51	6.44
4874.00	45.98	AV	54	8.02	39.54	31.25	6.7	31.51	6.44
7311.00	55.98	PK	74	18.02	42.84	36.25	8.31	31.42	13.14
7311.00	46.74	AV	54	7.26	33.60	36.25	8.31	31.42	13.14

Freq	uency(MH	lz):	24	62	Pola	rity:		HORIZONTA	AL
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)
4924.00	61.20	PK	74	12.80	54.33	31.52	6.8	31.45	6.87
4924.00	46.01	AV	54	7.99	39.14	31.52	6.8	31.45	6.87
7386.00	55.15	PK	74	18.85	41.59	36.51	8.4	31.35	13.56
7386.00	46.23	AV	54	7.77	32.67	36.51	8.4	31.35	13.56

Frequ	Frequency(MHz):			62	Pola	rity:		VERTICA	L
Frequency (MHz)	Emission Level (dBuV/m)		Limit (dBuV/m)	Margin (dB)	Raw Value (dBuV)	Antenna Factor (dB/m)	Cable Factor (dB)	Pre- amplifier (dB)	Correction Factor (dB/m)
4924.00	60.14	PK	74	13.86	53.27	31.52	6.8	31.45	6.87
4924.00	44.18	AV	54	9.82	37.31	31.52	6.8	31.45	6.87
7386.00	56.81 PK		74	17.19	43.25	36.51	8.4	31.35	13.56
7386.00	46.82	AV	54	7.18	33.26	36.51	8.4	31.35	13.56

Remark:

⁽¹⁾ Data of measurement within this frequency range shown "--- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

⁽²⁾ When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed.



6.2. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 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. 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

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Antenna Connected Construction

The maximum gain of antenna was 2.94 dBi.

Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen HTT Technology Co., Ltd. does not assume any responsibility.



7. Test Setup Photo

Reference to the appendix I for details.

8. EUT Constructional Details

Reference to the appendix II for details.

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