Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5240.0052	5240	0.0052	0.9968
		V max (V)	138.00	5240.0010	5240	0.0010	0.1883
		V min (V)	102.00	5240.0126	5240	0.0126	2.4043
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5240.0013	5240	0.0013	0.2504
		T (°C)	-10	5240.0079	5240	0.0079	1.5107
		T (°C)	0	5240.0065	5240	0.0065	1.2466
		T (°C)	10	5240.0022	5240	0.0022	0.4157
		T (°C)	20	5240.0093	5240	0.0093	1.7747
		T (°C)	30	5240.0016	5240	0.0016	0.3112
		T (°C)	40	5240.0023	5240	0.0023	0.4407
		T (°C)	50	5240.0010	5240	0.0010	0.1893
		T (°C)	60	5240.0074	5240	0.0074	1.4109
		T (°C)	70	5240.0119	5240	0.0119	2.2778
Limits				5150-5250 MHz			
Result				Complies			

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	TX (5.8G) Mode Frequency U-NII-3 (5745-5825MHz)		

Voltage vs. Frequency Stabilit

TEST CONDITIONS				Reference Frequency:5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5745.00848	5745	0.00848	1.4765
		V max (V)	138.00	5745.00764	5745	0.00764	1.3301
		V min (V)	102.00	5745.00071	5745	0.00071	0.1230
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5745.00705	5745	0.00705	1.2266
		T (°C)	-10	5745.00728	5745	0.00728	1.2676
		T (°C)	0	5745.00093	5745	0.00093	0.1615
		T (°C)	10	5745.00896	5745	0.00896	1.5590
		T (°C)	20	5745.00026	5745	0.00026	0.0450
		T (°C)	30	5745.01183	5745	0.01183	2.0596
		T (°C)	40	5745.00160	5745	0.00160	0.2787
		T (°C)	50	5745.01018	5745	0.01018	1.7727
		T (°C)	60	5745.00964	5745	0.00964	1.6785
		T (°C)	70	5745.00444	5745	0.00444	0.7729
Limits				5725-5850 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5785.00233	5785	0.00233	0.4024
		V max (V)	138.00	5785.00661	5785	0.00661	1.1422
		V min (V)	102.00	5785.00134	5785	0.00134	0.2317
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5785.00847	5785	0.00847	1.4638
		T (°C)	-10	5785.00026	5785	0.00026	0.0450
		T (°C)	0	5785.00943	5785	0.00943	1.6293
		T (°C)	10	5785.01069	5785	0.01069	1.8487
		T (°C)	20	5785.00365	5785	0.00365	0.6305
		T (°C)	30	5785.00660	5785	0.00660	1.1408
		T (°C)	40	5785.00856	5785	0.00856	1.4800
		T (°C)	50	5785.01039	5785	0.01039	1.7964
		T (°C)	60	5785.00211	5785	0.00211	0.3650
		T (°C)	70	5785.00494	5785	0.00494	0.8542
Limits				5725-5850 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5825.00735	5825	0.00735	1.2610
		V max (V)	138.00	5825.00225	5825	0.00225	0.3856
		V min (V)	102.00	5825.01099	5825	0.01099	1.8870
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5825.00829	5825	0.00829	1.4230
		T (°C)	-10	5825.00395	5825	0.00395	0.6785
		T (°C)	0	5825.00570	5825	0.00570	0.9783
		T (°C)	10	5825.00006	5825	0.00006	0.0111
		T (°C)	20	5825.01269	5825	0.01269	2.1794
		T (°C)	30	5825.00454	5825	0.00454	0.7802
		T (°C)	40	5825.00574	5825	0.00574	0.9857
		T (°C)	50	5825.00800	5825	0.00800	1.3740
		T (°C)	60	5825.00499	5825	0.00499	0.8564
		T (°C)	70	5825.00166	5825	0.00166	0.2856
Limits				5725-5850 MHz			
Result				Complies			

14. Antenna Requirement

14.1 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.

14.2 Test Antenna

The EUT antenna is Internal antenna (antenna gain: 1.78dBi). It comply with the standard requirement.

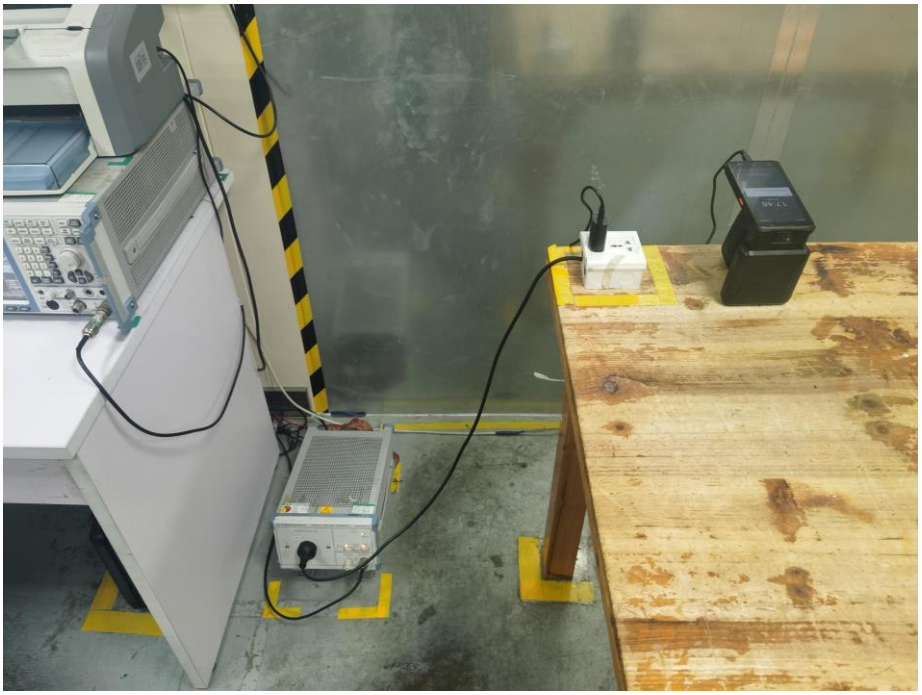
15. EUT Photographs

EUT Photo 1

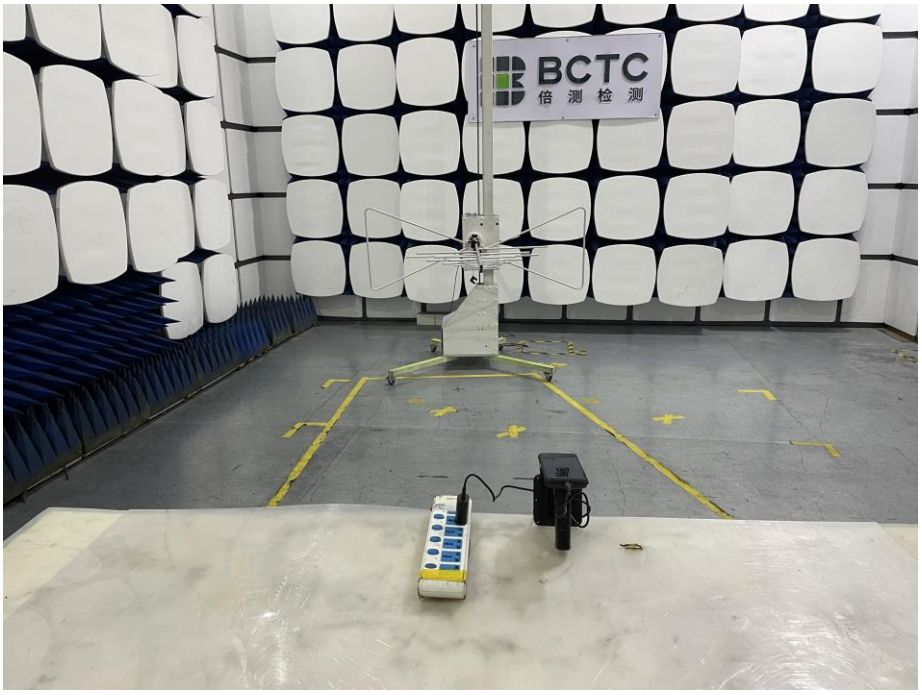
Appendix-Photographs Of EUT Constructional Details

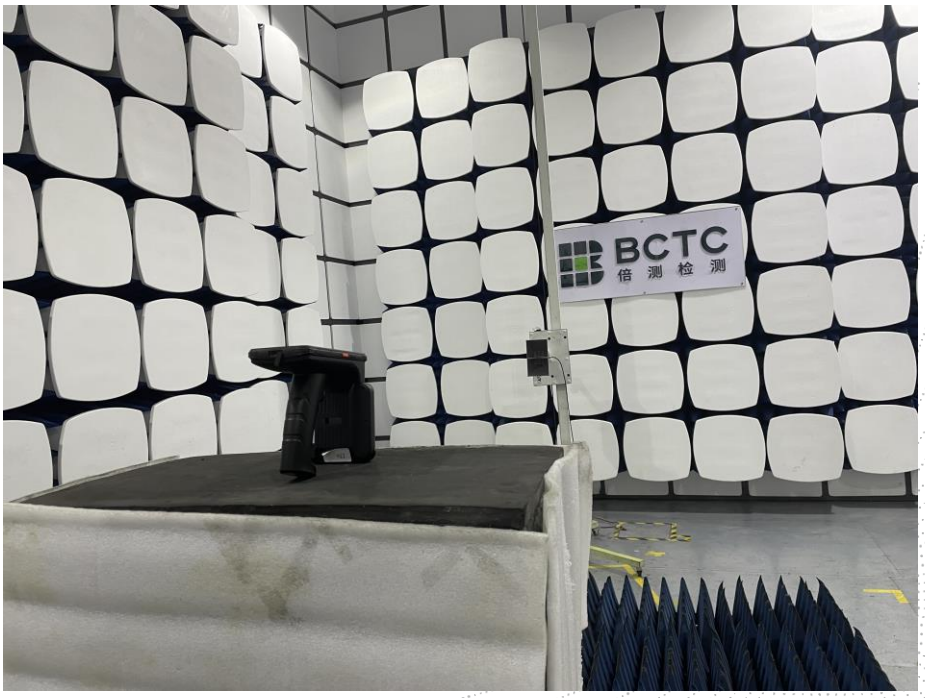
16. EUT Test Setup Photographs

Conducted emissions



Radiated Measurement Photos





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 stamp of laboratory.

4.The test report is invalid without signature of person(s) testing and authorizing.

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

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

7.If there is any objection to 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, Tangwei, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL：400-788-9558

P.C.: 518103

FAX：0755-33229357

Website：http://www.chnbctc.com

E-Mail：bctc@bctc-lab.com.cn

※※※※※ **END** ※※※※※