



FCC TEST REPORT

FCC ID: 2BG5G-B200L

Product	:	Fingerprint Keyless Entry Smart Door Lock
Model Name	:	B200L
Brand	:	Desloc
Report No.	:	PTC24062607801E-FC02
Prepared for		
Zhejiang Desman Intelligent Technology Co., LTD		
Floor 1-3, Building 1, No.7 Jianghui South Road, Binjiang District, Hangzhou City, Zhejiang Province, China, 310051		
Prepared by		
Precise Testing & Certification Co., Ltd.		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China		



1 TEST RESULT CERTIFICATION

Applicant's name : Zhejiang Desman Intelligent Technology Co., LTD
Address : Floor 1-3, Building 1, No.7 Jianghui South Road, Binjiang District,
Hangzhou City, Zhejiang Province, China, 310051
Manufacture's name : Zhejiang Desman Intelligent Technology Co., LTD
Address : Floor 1-3, Building 1, No.7 Jianghui South Road, Binjiang District,
Hangzhou City, Zhejiang Province, China, 310051
Product name : Fingerprint Keyless Entry Smart Door Lock
Model name : B200L
Standards : FCC Part15 Subpart C, Paragraph 15.225
Test procedure : ANSI C63.10: 2013
Test Date : Jul. 05, 2024 to Aug. 05, 2024
Date of Issue : Aug. 05, 2024
Test Result : Pass

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack Zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



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2 Test Summary

Standard Section	Test Item	Result
15.207	Conducted Emission	PASS
15.225(e)	Frequency Stability Tolerance	PASS
15.225(a)	In-band Fundamental Emission	PASS
15.225(b)	In-band Spurious Emission	PASS
15.225(c)	In-band Spurious Emission	PASS
15.225(d) 15.209	Out-of-band Spurious Emission	PASS
15.215(c)	20dB Bandwidth	PASS
Remark: "N/A" is an abbreviation for Not Applicable.		

Remark:N/A



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2.1 Test Site

Precise Testing & Certification Co., Ltd.

Address: Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China

FCC Registration Number: 790290

A2LA Certificate No.: 4408.01

IC Registration Number: 12191A

FCC Designation Number: CN1219



3 General Information

3.1 General Description of E.U.T.

Product Name	:	Fingerprint Keyless Entry Smart Door Lock
Model Name	:	B200L
Additional model	:	N/A
Operation Frequency	:	NFC_13.56MHz
Modulation	:	ASK
Number of Channels	:	1 channel
Antenna installation	:	NFC_FPCB Antenna
Antenna Gain	:	0 dBi
Power supply	:	Adapter:PS65B150Y3000S Input: AC 100-240V~50/60Hz 0.8A Output: DC 5V $\overline{\text{---}}$ 1.0A Input: 6Vdc, 200mA (4 x " AA" type dry batteries)
Hardware Version	:	SN-534-12-1
Software Version	:	6.5.12.240529
Test sample No.	:	PTC24062607801E-1/2, PTC24062607801E-2/2.



3.2 Channel List

The EUT has been tested under its typical operating condition. Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting. Only the worst case data were reported.

The EUT has been associated with peripherals pursuant to ANSI C63.10-2013 and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation (9 KHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

The details of test channels and bandwidth were for RF conductive measurement.

Channel List:

Ch.	Frequency[MHz]
01	13.56

Note:

1. EUT used the new batteries during test.



4 Equipment During Test

4.1 Equipments List

RF Conducted Test

Name of Equipment	Manufacturer	Model	Serial No.	Characteristics	Last Calibration	Calibration Interval
MXG Signal Analyzer	Agilent	N9020A	SER MY5111038	10Hz-26.5GHz	Aug.17, 2023	1 Year
Coaxial Cable	CDS	79254	46107086	10Hz-30GHz	Aug.17, 2023	1 Year
Power Meter	Anritsu	ML2495A	0949003	300MHz-40GHz	Aug.17, 2023	1 Year
Power Sensor	Anritsu	MA2411B	0917017	300MHz-40GHz	Aug.17, 2023	1 Year
Test S/W	Tonscend	JS1120-3	/	/	/	/

Remark: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

Radiated Emissions(Test Frequency from 9KHz-18GHz)

Name of Equipment	Manufacturer	Model	Serial No.	Characteristics	Last Calibration	Calibration Interval
EMI Test Receiver	Rohde&Schwarz	ESPI7	101671	9KHz-7GHz	Aug. 17,2023	1 Year
Loop Antenna	Schwarzbeck	FMZB 1519	192	9 KHz -30MHz	Aug. 17,2023	1 Year
Bilog Antenna	SCHWARZBECK	VULB9160	9160-3355	25MHz-2GHz	Aug. 17,2023	1 Year
Preamplifier (low frequency)	SCHWARZBECK	BBV 9475	9745-0013	1MHz-1GHz	Aug. 17,2023	1 Year
Cable	IMRO	AK-9515E(9m)	Cable-L	9KHz-3GHz	Aug. 17,2023	1 Year
Spectrum Analyzer	Rohde&Schwarz	FSV40	6625-01-588-5515	9KHz-40GHz	Aug. 17,2023	1 Year
Horn Antenna	SCHWARZBECK	9120D	9120D-1246	1GHz-18GHz	Aug. 17,2023	1 Year
Power Amplifier	ZHINAN	ZN3380C	15002	1GHz-26.5GHz	Aug. 17,2023	1 Year



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Horn Antenna	SCHWARZBECK	BBHA 9170	9170-1066	15GHz-40GHz	Jul. 19, 2024	1 Year
Amplifier	SCHWARZBECK	BBV 9721	9721-205	18GHz-40GHz	Jul. 19, 2024	1 Year
Cable	H+S	CBL-26	N/A	1GHz-26.5GHz	Aug. 17,2023	1 Year
RF Cable	R&S	R204	R21X	1GHz-40GHz	Aug. 17,2023	1 Year
Test S/W	Tonscend	TS+	/	/	/	/

Conducted Emissions

Name of Equipment	Manufacturer	Model	Serial No.	Characteristics	Calibration Date	Calibration Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	101417	9KHz-3GHz	Aug. 17, 2023	1 Year
Artificial Mains Network	Rohde&Schwarz	ENV216	102453	9KHz-300MHz	Aug. 17, 2023	1 Year
Artificial Mains Network	Rohde&Schwarz	ENV216	101342	9KHz-300MHz	Aug. 17, 2023	1 Year
Limiter	R&S	ESH3-Z2	0357.8810.54-102808-NB	0Hz-30MHz	Aug. 16,2023	1 Year
RF Switch	DIAMOND ANTENNA	CX-210	/	0.09MHz-6GHz	Mar. 24,2024	1 Year
Test S/W	Tonscend	JS32-CE	/	/	/	/

4.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	$\pm 1.0\text{dB}$
Power Spectral Density, conducted	$\pm 2.2\text{dB}$
Radio Frequency	$\pm 1 \times 10^{-6}$
Bandwidth	$\pm 1.5 \times 10^{-6}$
Time	$\pm 2\%$
Duty Cycle	$\pm 2\%$
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 5\%$
DC and low frequency voltages	$\pm 3\%$
Conducted Emissions (150kHz~30MHz)	$\pm 3.64\text{dB}$
Radiated Emission(30MHz~1GHz)	$\pm 5.03\text{dB}$
Radiated Emission(1GHz~25GHz)	$\pm 4.74\text{dB}$
Radiated Emission(9KHz~30MHz)	$\pm 3.15\text{dB}$

4.3 Description of Support Units

Equipment	Model No.	Series No.
Adapter	Model: PS65B150Y3000S	N/A

5 Conducted Emission

Test Requirement	: FCC CFR 47 Part 15 Section 15.207
Test Method	: ANSI C63.10: 2013
Test Result	: PASS
Frequency Range	: 150kHz to 30MHz
Class/Severity	: Class B

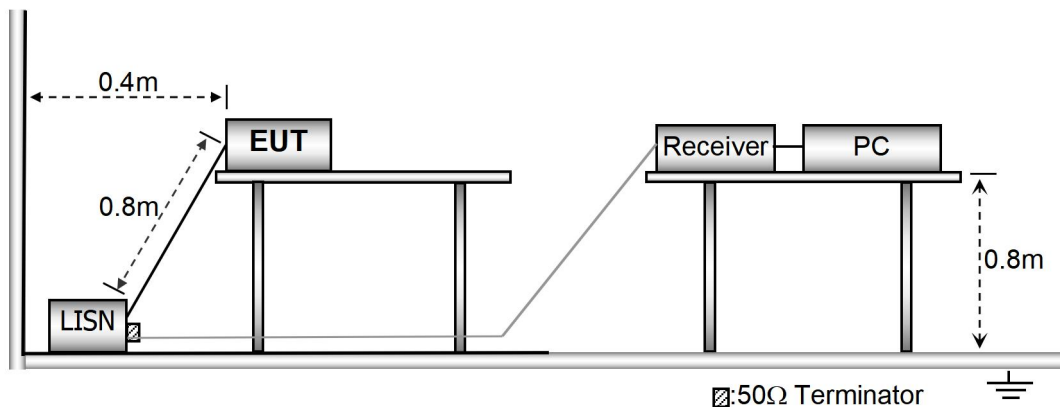
5.1 E.U.T. Operation

Operating Environment :

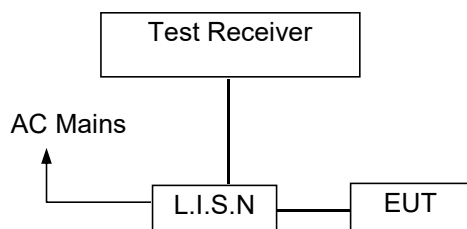
Temperature	: 25.5 °C
Humidity	: 51 % RH
Atmospheric Pressure	: 101.2kPa

5.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10:2013.



5.3 Test SET-UP (Block Diagram of Configuration)



5.4 Measurement Procedure

1. The EUT was placed on a table, which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.



3. Repeat above procedures until all frequency measured was complete.

5.5 Conducted Emission Limit

Conducted Emission

Frequency(MHz)

Quasi-peak

Average

0.15-0.5

66-56

56-46

0.5-5.0

56

46

5.0-30.0

60

50

Note:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.6 Measurement Description

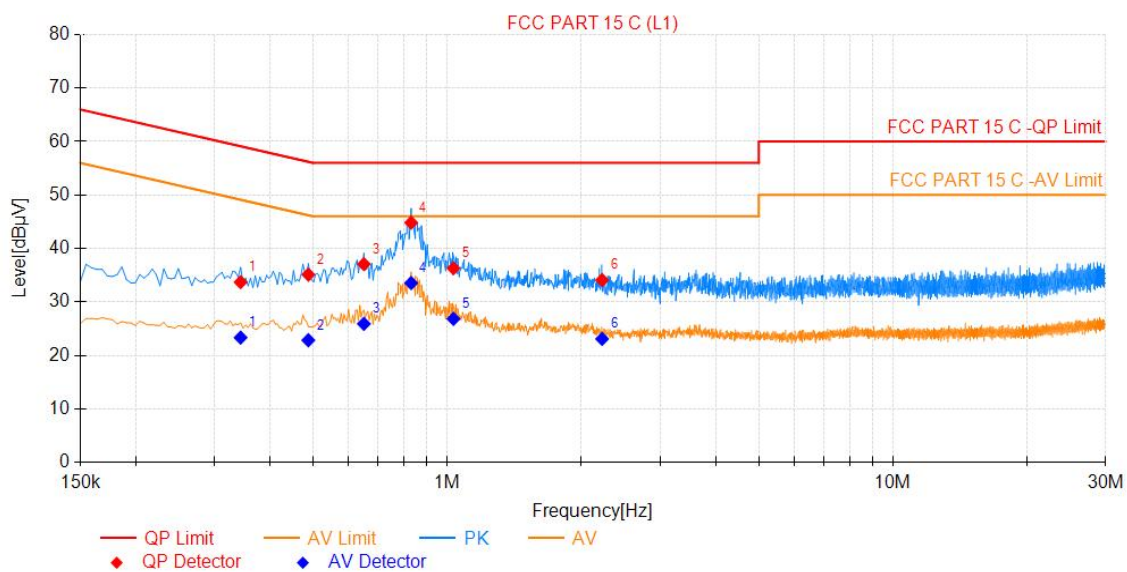
The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

5.7 Conducted Emission Test Result

Pass.

All the modulation modes were tested the data of the worst mode (AC 120V/60Hz, GFSK TX 2402MHz) are recorded in the following pages and the others modulation methods do not exceed the limits.

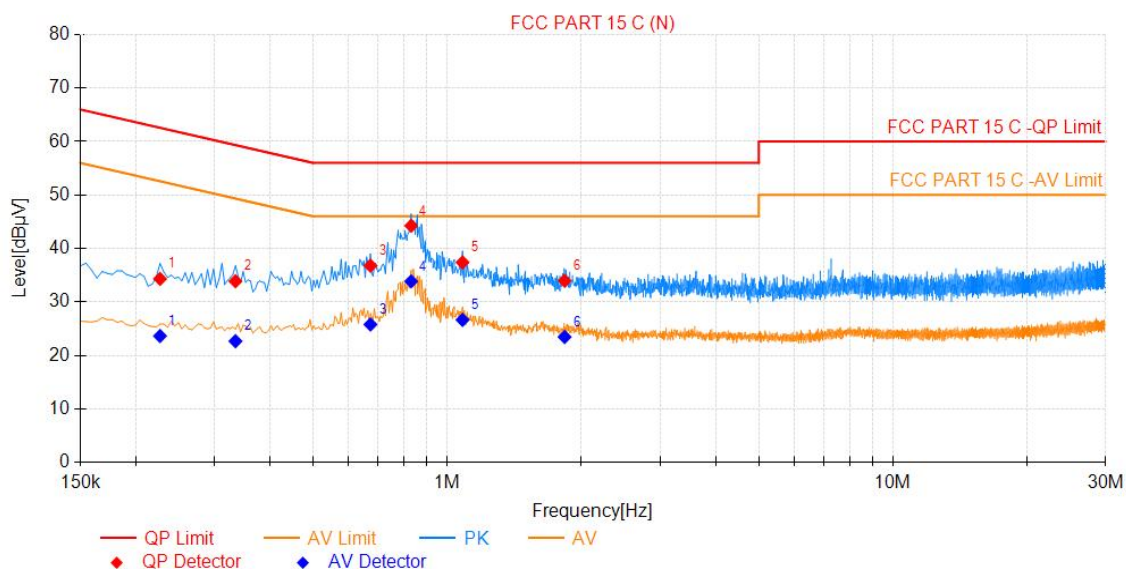
Line-AC 120V/60Hz



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.344	14.55	19.15	33.70	59.12	25.42	4.17	23.32	49.12	25.80	PASS
2	0.488	15.93	19.18	35.11	56.21	21.10	3.65	22.83	46.21	23.38	PASS
3	0.650	17.84	19.23	37.07	56.00	18.93	6.67	25.90	46.00	20.10	PASS
4	0.830	25.60	19.22	44.82	56.00	11.18	14.31	33.53	46.00	12.47	PASS
5	1.032	17.06	19.24	36.30	56.00	19.70	7.59	26.83	46.00	19.17	PASS
6	2.225	14.77	19.32	34.09	56.00	21.91	3.76	23.08	46.00	22.92	PASS

Neutral-AC 120V/60Hz



Final Data List											
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.227	15.27	19.04	34.31	62.58	28.27	4.58	23.62	52.58	28.96	PASS
2	0.335	14.73	19.14	33.87	59.34	25.47	3.51	22.65	49.34	26.69	PASS
3	0.672	17.61	19.17	36.78	56.00	19.22	6.61	25.78	46.00	20.22	PASS
4	0.830	25.04	19.20	44.24	56.00	11.76	14.64	33.84	46.00	12.16	PASS
5	1.082	18.20	19.19	37.39	56.00	18.61	7.45	26.64	46.00	19.36	PASS
6	1.833	14.80	19.17	33.97	56.00	22.03	4.27	23.44	46.00	22.56	PASS

Note: QP Margin[dB]= QP Limit[dBμV]- QP Value[dBμV], AV Margin[dB]= AV Limit[dBμV]- AV Value[dBμV].



6 Radiated Emission and Band Edge

6.1 Test Standard and Limit

15.225 (a) The field strength of any emission within the band 13.553-13.567 M shall not exceed 15,848 microvolts/meter at 30 meters.

15.225 (b) With in the bands 13.410-13.553 M and 13.567-13.710 Mt, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.

15.225 (c) With in the bands 13.110-13.410 M and 13.710-14.010 M, the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.

15.225 (d) The Field Strength of any emissions appearing outside of the 13.110-14.010 M band shall not exceed the general radiated emission limits in 15.209.

Test Standard	FCC Part15 C Section 15.209				
Test Limit	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz~1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz~30MHz	30	-	-	30
	30MHz~88MHz	100	40.0	Quasi-peak	3
	88MHz~216MHz	150	43.5	Quasi-peak	3
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
	Above 1000MHz	500	54.0	Average	3
		-	74.0	Peak	3

Remark:

(1)The lower limit shall apply at the transition frequency.

(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

6.2 Test Setup

Figure 1. Below 30MHz

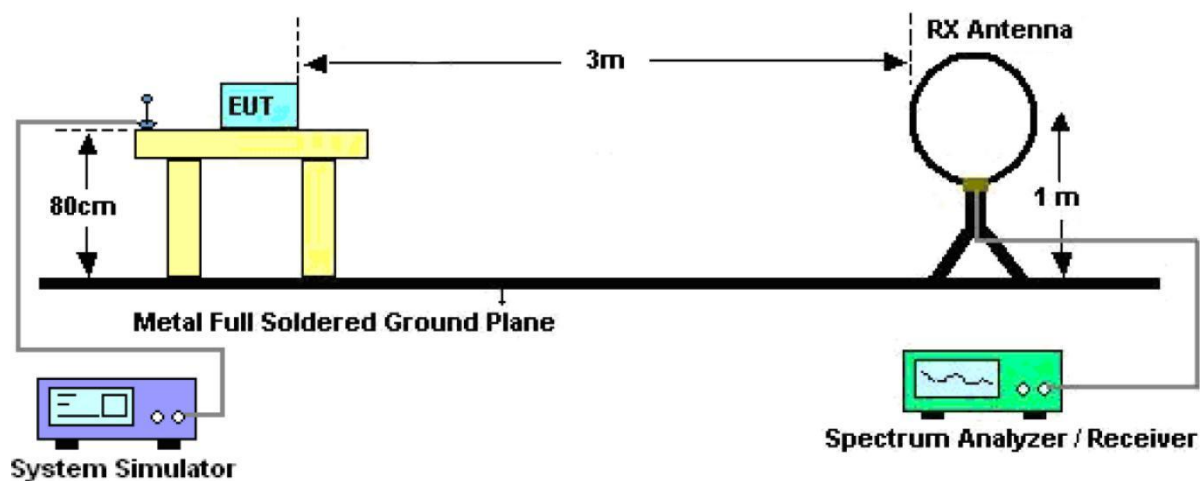


Figure 2. 30MHz to 1GHz

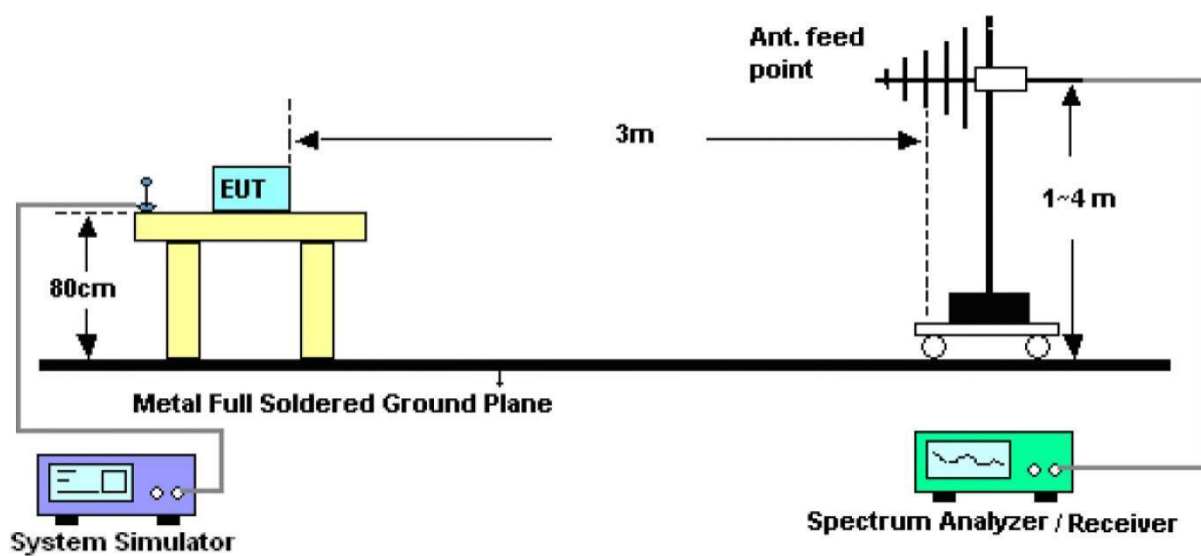
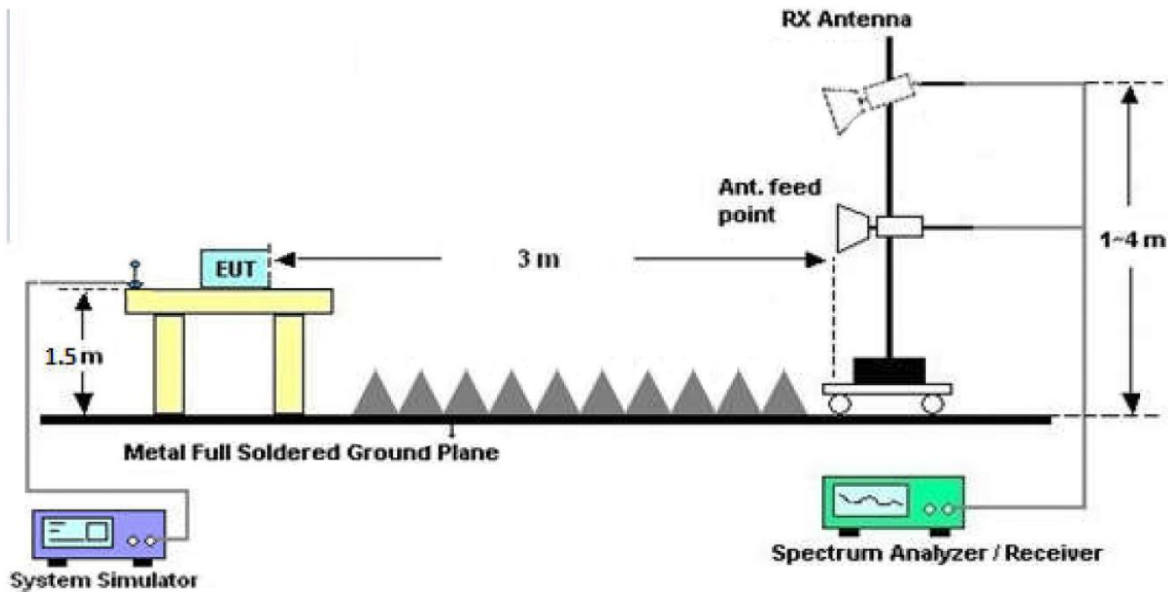


Figure 3. Above 1 GHz



6.3 Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane.

For above 1GHz: The EUT is placed on a turntable, which is 1.5m above the ground plane.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For the radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

For 9kHz to 150kHz, Set the spectrum analyzer as:

RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.



For 150kHz to 30MHz, Set the spectrum analyzer as:

RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:

RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For above 1GHz,Set the spectrum analyzer as:

RBW =1MHz, VBW =1MHz, Detector= Peak, Trace mode= Max hold, Sweep- auto couple.

RBW =1MHz, VBW =10Hz, Detector= Average, Trace mode= Max hold, Sweep- auto couple.

6.4 Test Data

PASS

During the test, Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the X-axis is the worst case.

Test results for fundamental

15.225(a)13.553-13.567MHz

Freq.	QP Reading	Antenn a Factor	Amp.+ Cable	Distance Factor	Result	Limit	Margin	Polarity	Verdict
[MHz]	[dBμV]	[dB/m]	[dB]	[dB]	[dBμV/m]	[dBμV/m]	[dB]		
13.56	51.21	21	-30.05	40	2.16	84	81.84	Face-on	PASS
13.56	58.73	21	-30.05	40	9.68	84	74.32	Face-off	PASS

Note:

- 1.Face-on=Parallel, Face-off= Perpendicular.
- 2.Factors(dB)= Antenna factor(dB/m)+ Cable loss(dB)+ or Amp. gain(dB) + or F_d (dB)
- 3.Result = QP Reading + Cable loss + Amp gain + Ant factor - Distance factor
- 4.Distance Factor= $40\log(30/3)$
- 5.The results were tested at 3m and converted to 30 meters by the formula, and the limit value 84 corresponds to the limit value at 30 meters

Test results for in-band & out-band(9 kHz to 30 MHz):

Freq.	QP Reading	Antenn a Factor	Amp.+ Cable	Distance Factor	Result	Limit	Margin	Polarity	Verdict
[MHz]	[dBμV]	[dB/m]	[dB]	[dB]	[dBμV/m]	[dBμV/m]	[dB]		
13.35	38.47	21	-30.05	40	-10.58	40.5	51.08	Face-on	PASS
13.55	44.64	21	-30.05	40	-4.41	50.5	54.91	Face-on	PASS
13.67	42.35	21	-30.05	40	-6.7	50.5	57.2	Face-on	PASS
13.77	40.74	21	-30.05	40	-8.31	40.5	48.81	Face-on	PASS
13.14	32.67	21	-30.05	40	-16.38	40.5	56.88	Face-off	PASS
13.55	34.53	21	-30.05	40	-14.52	50.5	65.02	Face-off	PASS
13.65	41.87	21	-30.05	40	-7.18	50.5	57.68	Face-off	PASS
13.77	41.37	21	-30.05	40	-7.68	40.5	48.18	Face-off	PASS

Note:

- 1.Face-on=Parallel, Face-off= Perpendicular.
- 2.Factors(dB)= Antenna factor(dB/m)+ Cable loss(dB)+ or Amp. gain(dB) + or F_d (dB)
- 3.Result = QP Reading + Cable loss + Amp gain + Ant, factor - Distance factor
- 4.Distance Factor= $40\log(30/3)$

Test results(9kHz to 30MHz):

Freq.	QP Reading	Antenn a Factor	Amp.+ Cable	Distance Factor	Result	Limit	Margin	Polarity	Verdict
[MHz]	[dBμV]	[dB/m]	[dB]	[dB]	[dBμV/m]	[dBμV/m]	[dB]		
8.65	33.86	20.4	-31.1	40	-16.84	29.5	46.34	Face-on	PASS
26.32	34.56	22.8	-30.05	40	-12.69	29.5	42.19	Face-on	PASS
8.65	33.79	20.4	-31.1	40	-16.91	29.5	46.41	Face-off	PASS
26.32	33.07	22.8	-30.05	40	-14.18	29.5	43.68	Face-off	PASS

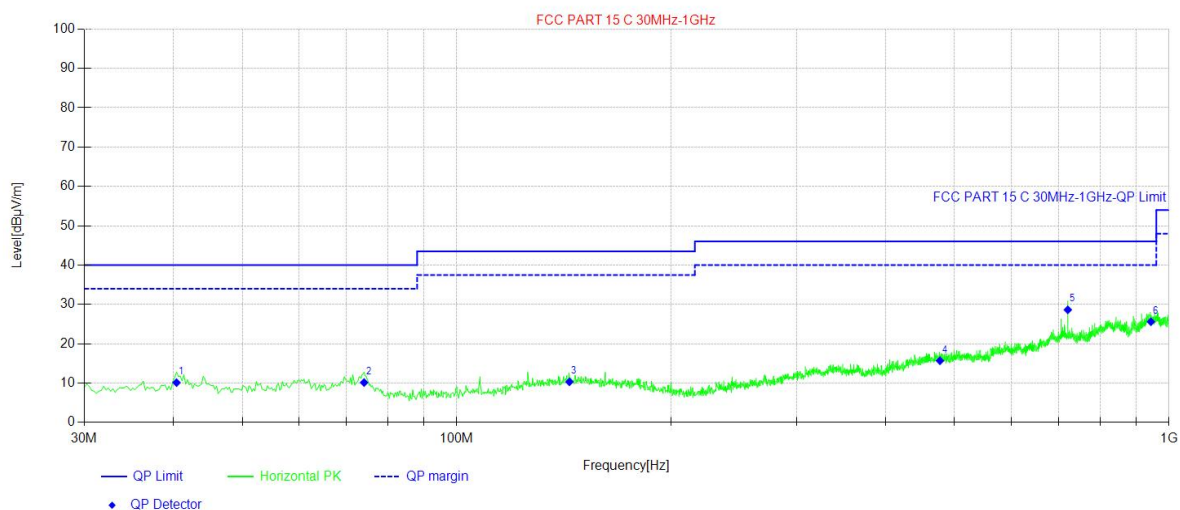
Note:

- 1.Face-on=Parallel, Face-off= Perpendicular.
- 2.Factors(dB)= Antenna factor(dB/m)+ Cable loss(dB)+ or Amp. gain(dB) + or F_d (dB)
- 3.Result = QP Reading + Cable loss + Amp gain + Ant, factor - Distance factor
- 4.Distance Factor= $40\log(30/3)$



Test results(Below 1 000 MHz):

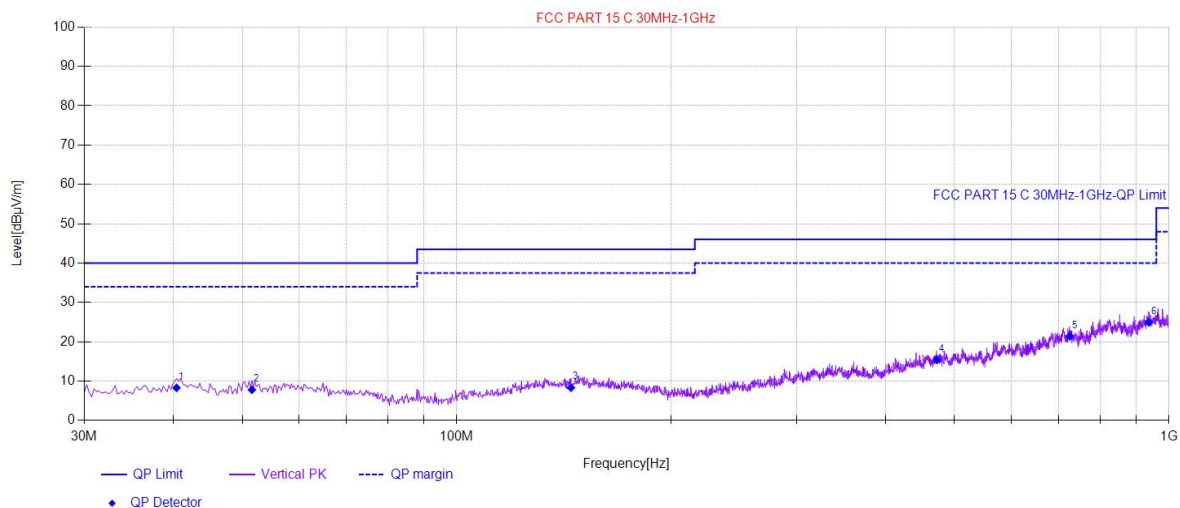
Test plot for Horizontal



Final Data List[QP]								
NO.	Fre q. [MHz]	QP Reading [dBμV/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity	Verdict
1	40.43	27.4	-17.27	10.13	40.00	29.87	Horizontal	PASS
2	74.14	29.47	-19.32	10.15	40.00	29.85	Horizontal	PASS
3	143.98	25.82	-15.49	10.33	43.50	33.17	Horizontal	PASS
4	476.93	26	-10.31	15.69	46.00	30.31	Horizontal	PASS
5	721.13	33.33	-4.69	28.64	46.00	17.36	Horizontal	PASS
6	943.26	26.72	-1.11	25.61	46.00	20.39	Horizontal	PASS

Remark:Emission Level=Reading+Cable Loss+ANT Factor-AMP Factor

Test plot for Vertical



Final Data List[QP]								
NO.	Freq. [MHz]	QP Reading [dBμV/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity	Verdict
1	40.43	25.57	-17.27	8.30	40.00	31.70	Vertical	PASS
2	51.58	25.31	-17.51	7.80	40.00	32.20	Vertical	PASS
3	144.70	23.82	-15.49	8.33	43.50	35.17	Vertical	PASS
4	472.32	25.9	-10.53	15.37	46.00	30.63	Vertical	PASS
5	725.73	26.07	-4.70	21.37	46.00	24.63	Vertical	PASS
6	936.95	26.07	-1.13	24.94	46.00	21.06	Vertical	PASS

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

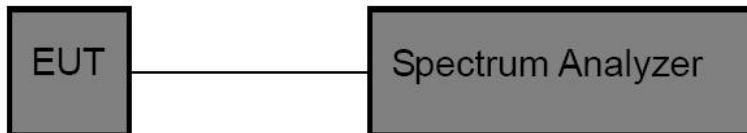


7 20dB Bandwidth and 99% Bandwidth

7.1 Test Standard and Limit

Test Standard	FCC Part15 C Section 15.215
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7.2 Test Setup



7.3 Test Procedure

1. Place the EUT on the table and set it in the transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as:
RBW =1% to 5% of the OBW, $VBW \geq 3 \times RBW$,
Detector= Average
Trace mode= Max hold.
Sweep- auto couple.
4. Mark the peak frequency and –20dB (upper and lower) frequency.
5. Repeat until all the rest channels are investigated.



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7.4 Test Data

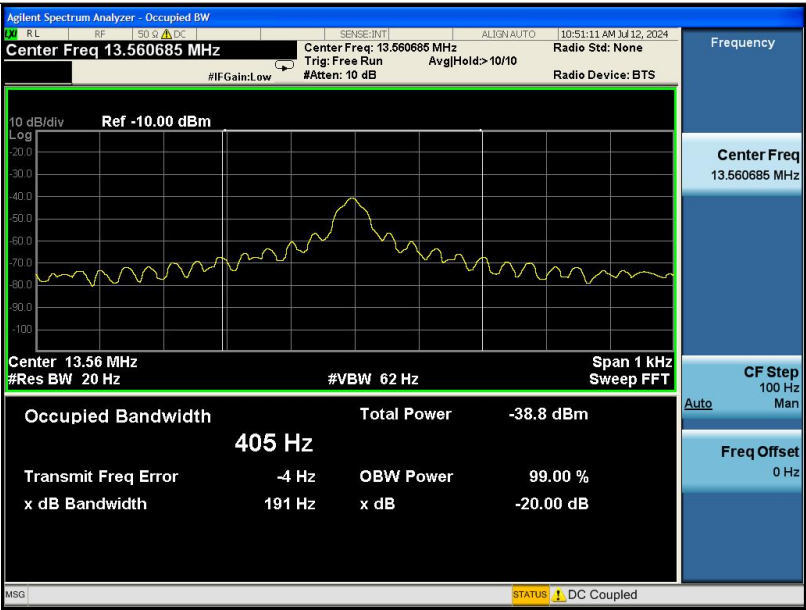
Test Item : 20dB Bandwidth
Test Voltage : DC 6V
Test Result : PASS

Test Mode : TX
Temperature : 22.4°C
Humidity : 55%RH

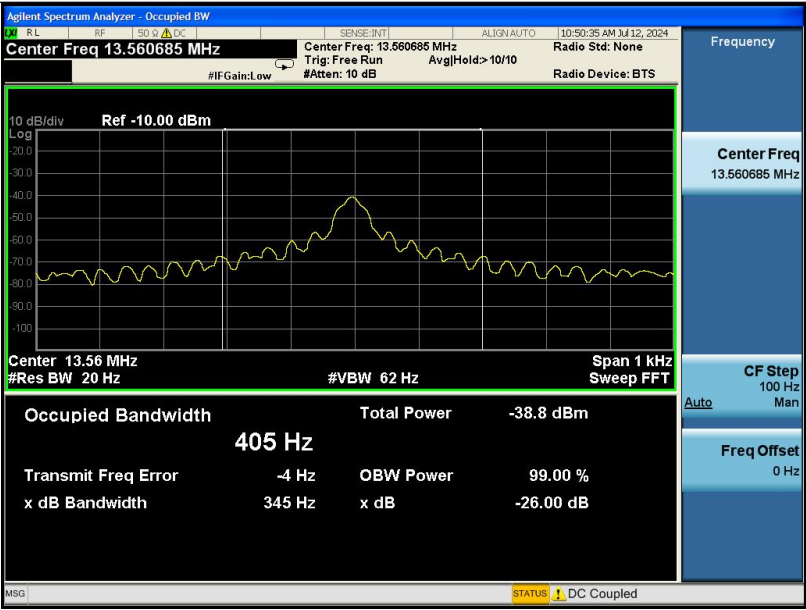
Frequency(MHz)	Frequency Range		Limit(MHz)	20dB Bandwidth(MHz)	99% Bandwidth(MHz)
13.56	Lowest Frequency	13.435	13.110	0.000191	0.000405
	Highest Frequency	13.685	14.010		



Test Graphs:



20dB Bandwidth



Occupied Bandwidth

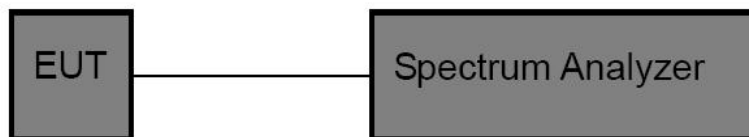


8 Frequency tolerance

8.1 Test Standard and Limit

15.225 (e) The frequency tolerance of the carrier signal shall be maintained within ± 0.01 % of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85 % to 115 % of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

8.2 Test Setup



8.3 Test Procedure

ANSI C63.10-2013-Section 6.8.1



8.4 Test Result

Voltage [%]	Voltage [V]	TEMP [°C]	Maintaining time	Measure frequency [Hz]	Frequency deviation [Hz]	Deviation [%]
100	6.0	20(ref)	Startup	13559640	-360	-0.002655
			2 minutes	13559640	-360	-0.002652
			5 minutes	13559641	-359	-0.002651
			10 minutes	13559640	-360	-0.002658
		-20	Startup	13560111	111	0.000819
			2 minutes	13560111	111	0.000821
			5 minutes	13560111	111	0.000822
			10 minutes	13560111	111	0.000818
		-10	Startup	13560113	113	0.000833
			2 minutes	13560113	113	0.000836
			5 minutes	13560114	114	0.000837
			10 minutes	13560114	114	0.000841
		0	Startup	13560090	90	0.000664
			2 minutes	13560090	90	0.000661
			5 minutes	13560089	89	0.000659
			10 minutes	13560089	89	0.000657
		10	Startup	13560080	80	0.000590
			2 minutes	13560080	80	0.000591
			5 minutes	13560081	81	0.000594
			10 minutes	13560080	80	0.000592
		30	Startup	13560023	23	0.000170
			2 minutes	13560023	23	0.000167
			5 minutes	13560023	23	0.000169
			10 minutes	13560023	23	0.000168
		40	Startup	13560013	13	0.000096
			2 minutes	13560013	13	0.000093
			5 minutes	13560013	13	0.000099
			10 minutes	13560013	13	0.000096
		50	Startup	13560003	3	0.000022
			2 minutes	13560003	3	0.000022
			5 minutes	13560004	4	0.000026
			10 minutes	13560003	3	0.000024
85	5.1	20	Startup	13559870	-130	-0.000959
			2 minutes	13559870	-130	-0.000962
			5 minutes	13559870	-130	-0.000961
			10 minutes	13559870	-130	-0.000957
115	6.9	20	Startup	13559760	-240	-0.001770
			2 minutes	13559760	-240	-0.001770
			5 minutes	13559759	-241	-0.001774
			10 minutes	13559760	-240	-0.001770

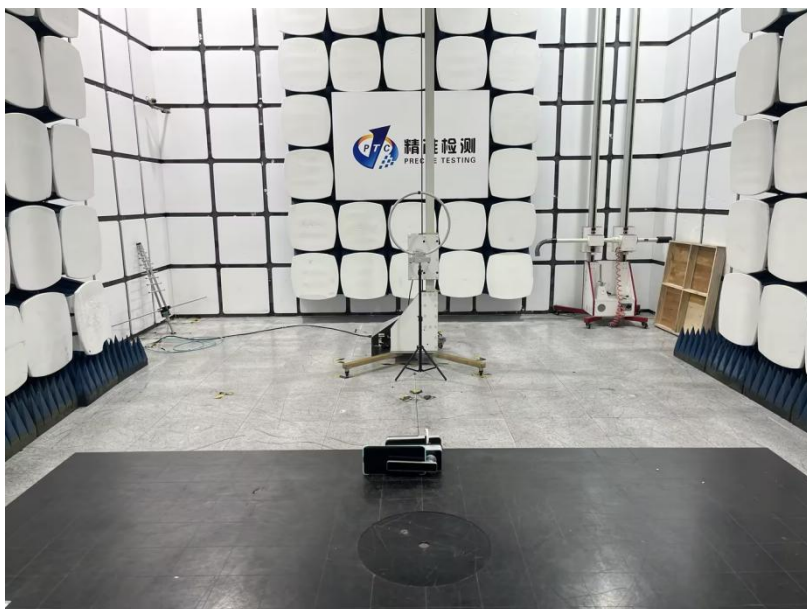
9 TEST SETUP PHOTOGRAPH

CONDUCTED EMISSION TEST



RADIATED EMISSION TEST

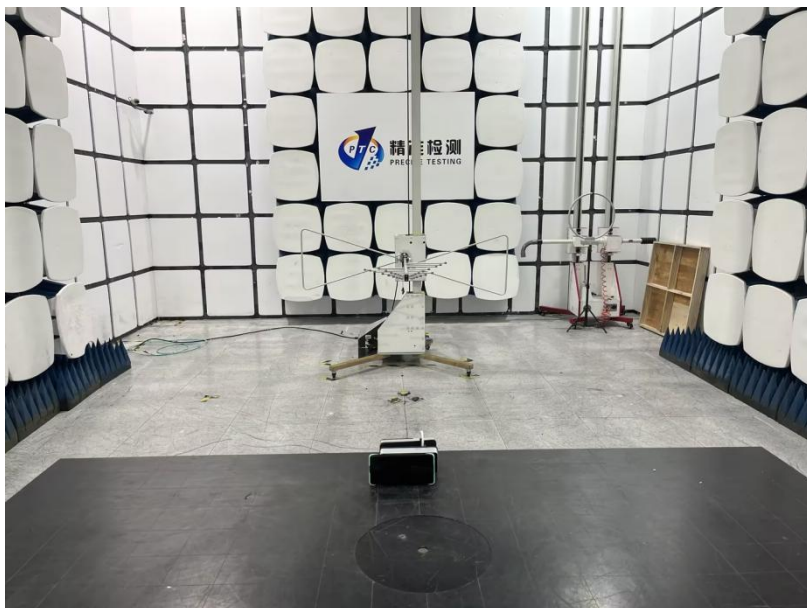
Test Frequency From 9kHz to 30MHz





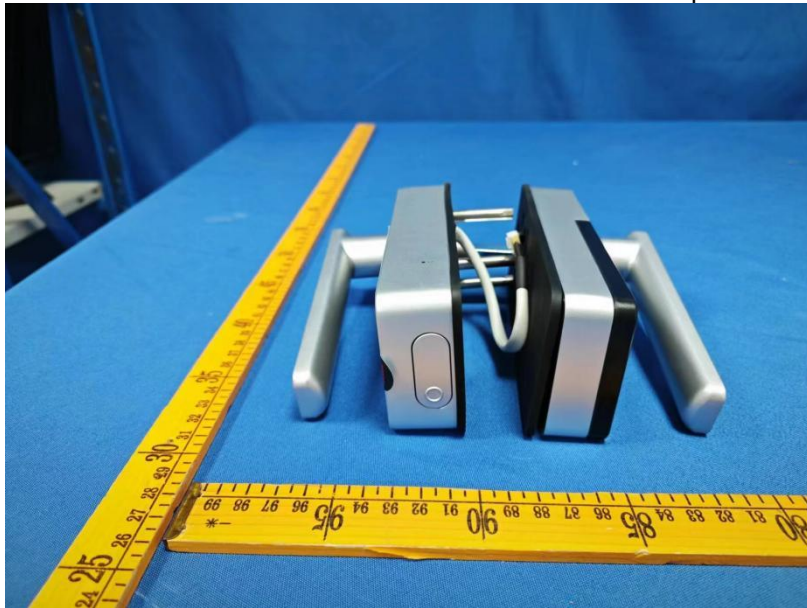
Report No.: PTC24062607801E-FC02

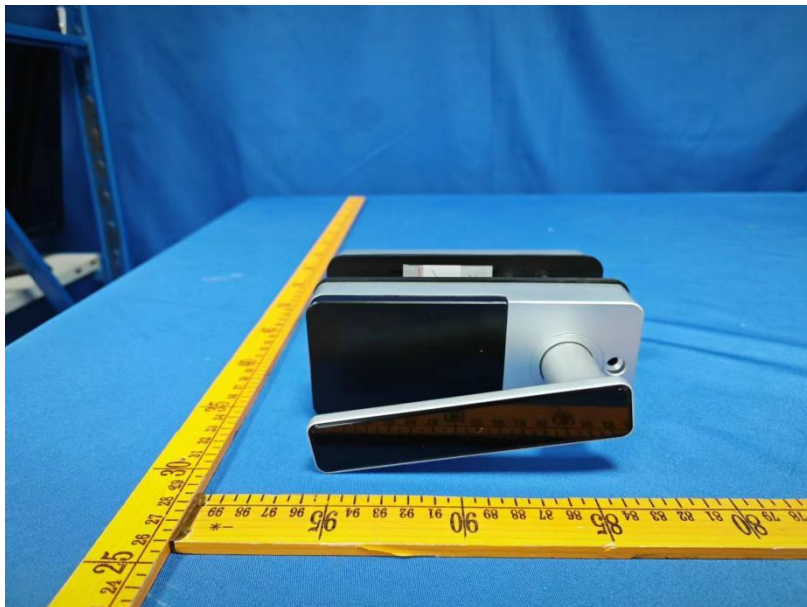
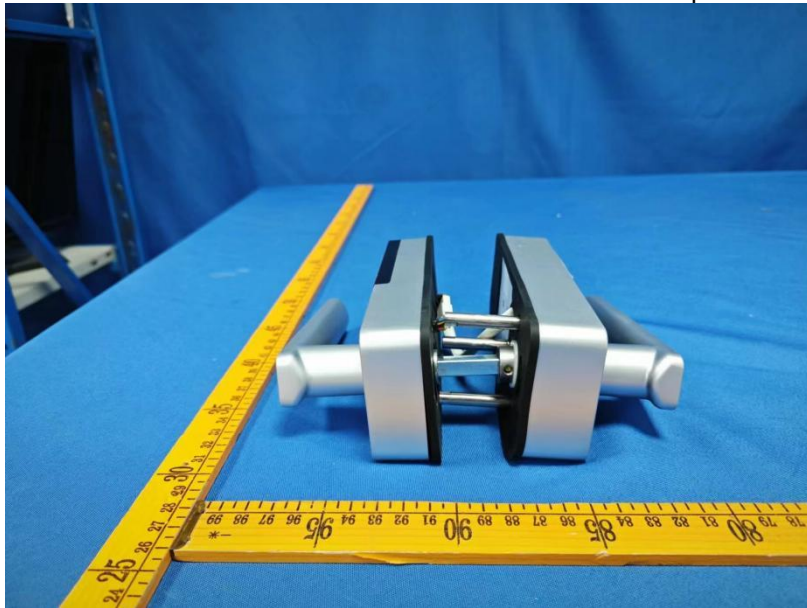
Test frequency from 30MHz to 1GHz



10 EUT PHOTOGRAPH



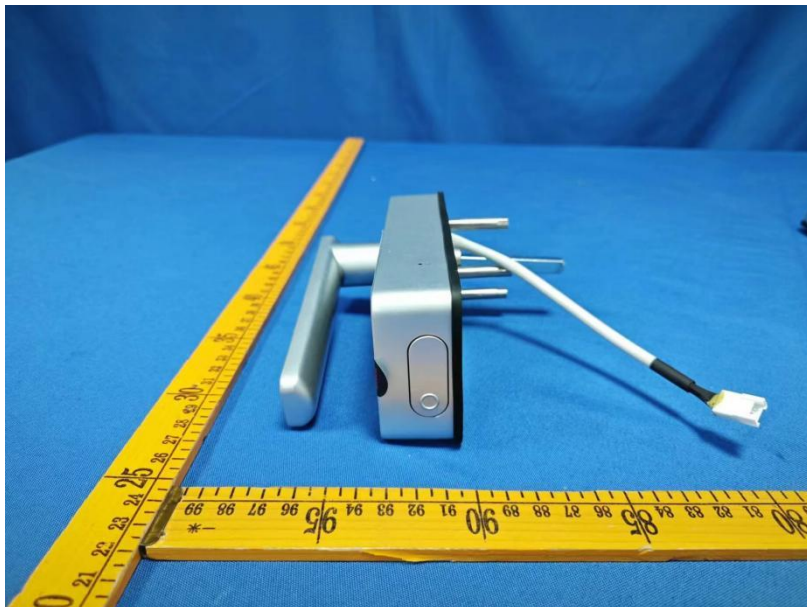
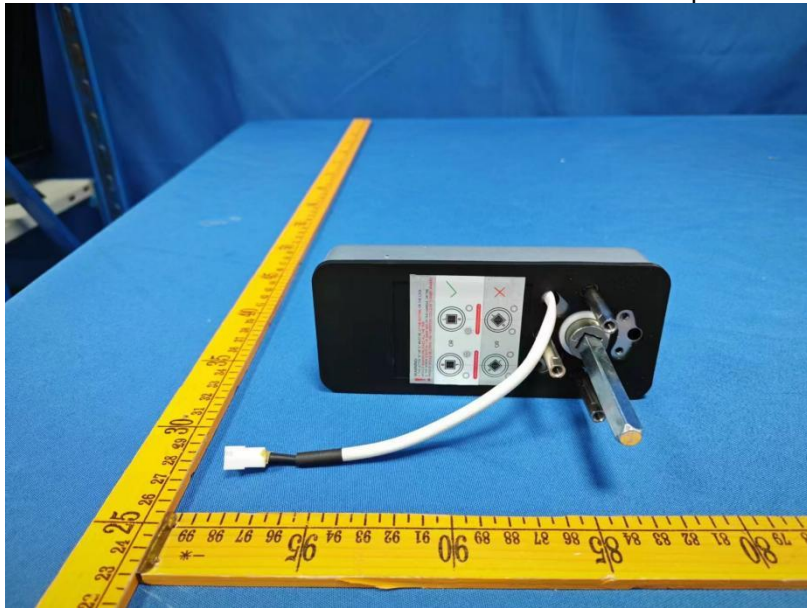


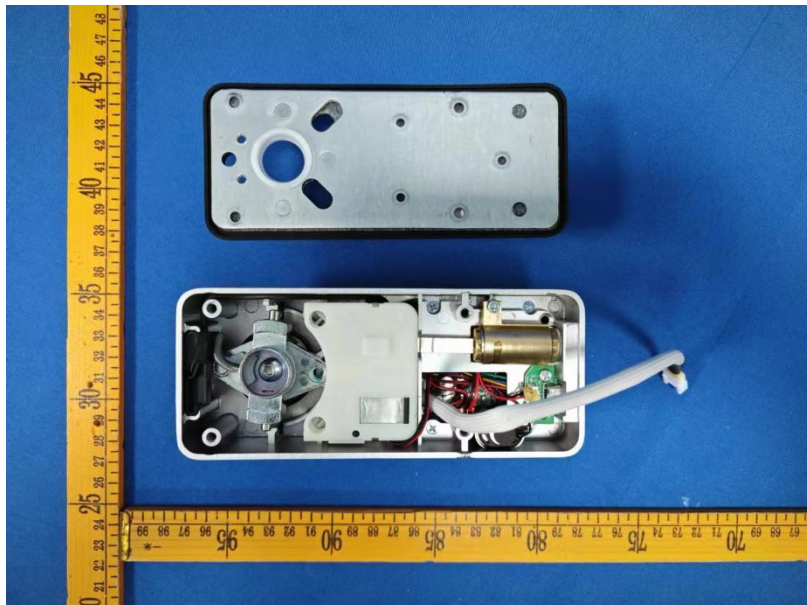
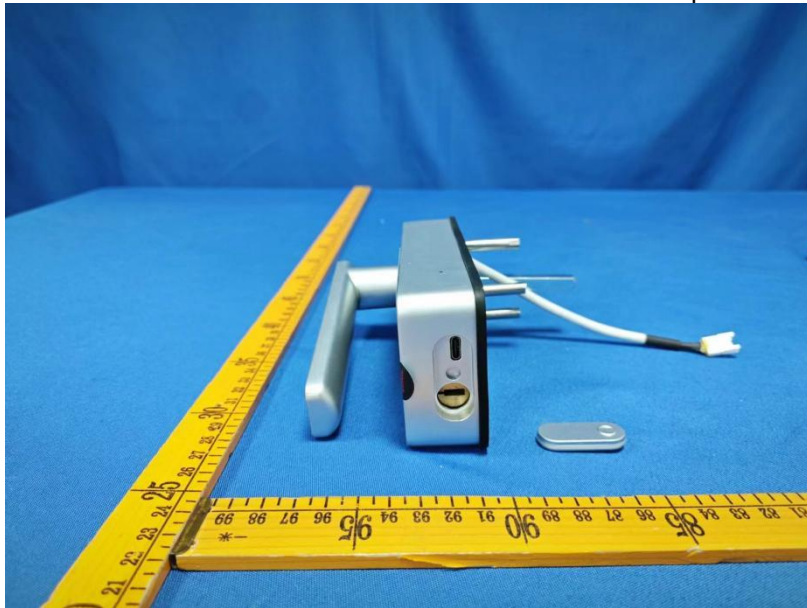


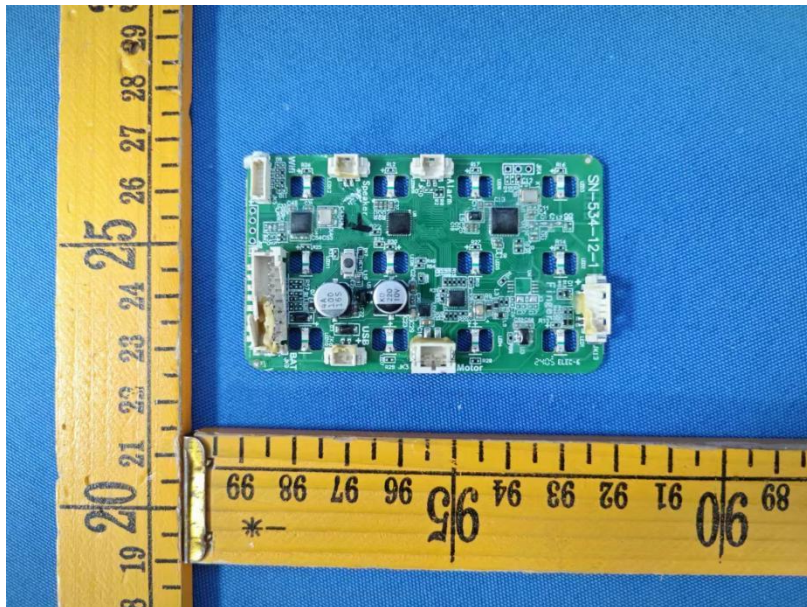


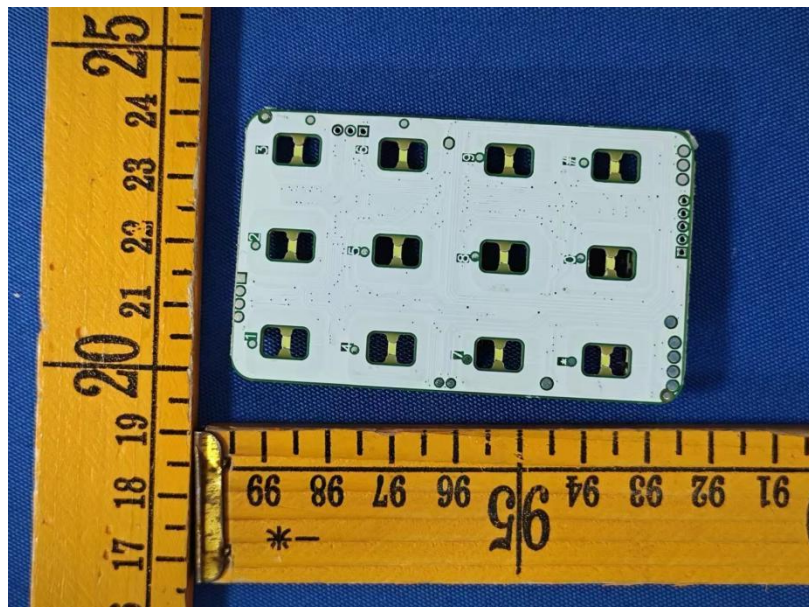
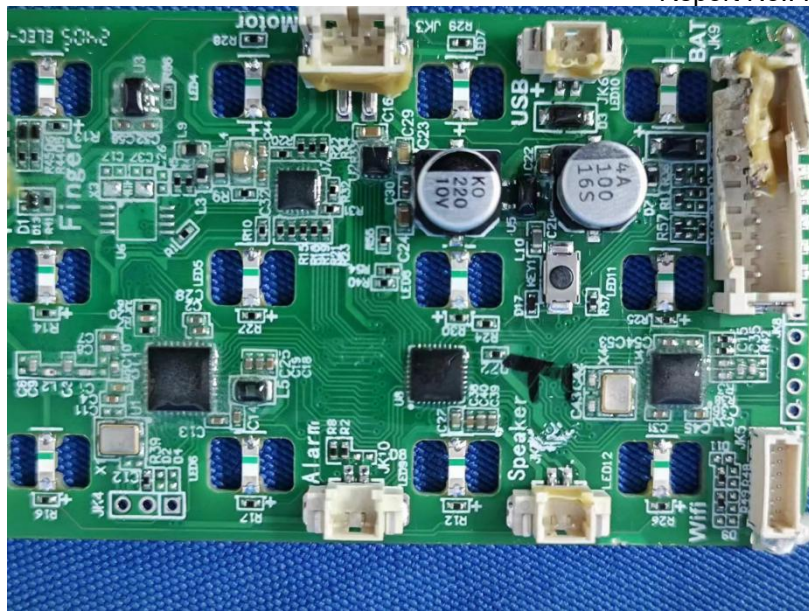


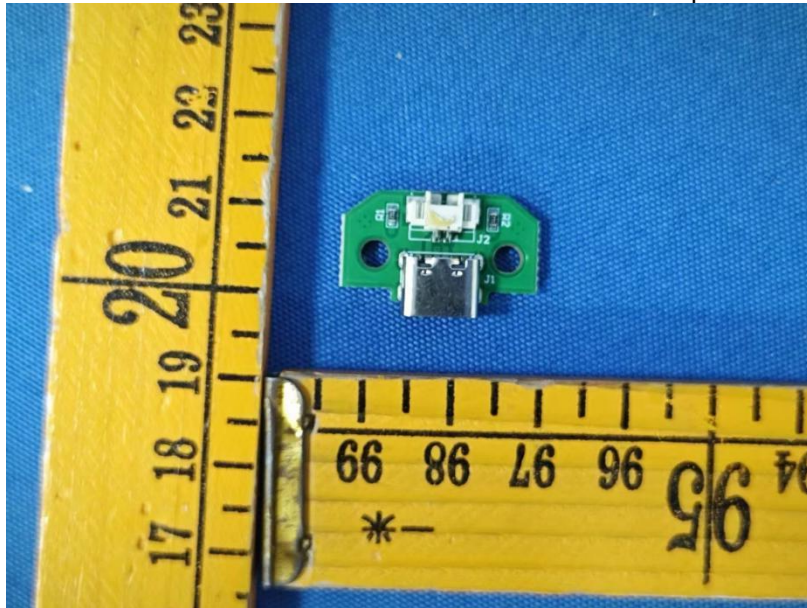












*******THE END REPORT*******