

Applicant: Teleportivity Inc.

Product: FONECOM Video Intercom 10

Model No.: FONECOM-10

Trademark: TELEPORTIVITY

Test Standards: FCC Part 15.249

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.10 & FCC Part 15 Subpart C,

Paragraph 15.249 regulations for the evaluation of

electromagnetic compatibility

Approved By

Terry Tang

Manager

Dated: October 10, 2022

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com

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Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

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

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) — Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

Date: 2022-10-10



Test Report Conclusion

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.

Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

Village, Nanshan District, Shenzhen, China

Telephone: (755) 83448688 Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 744189 For 3m Anechoic Chamber

1.2 Applicant Details

Applicant: Teleportivity Inc.

Address: S200, 1390 Market St, San Francisco, CA 94102 USA

Telephone: +1 628 888 0679

Fax: --

1.3 Description of EUT

Product: FONECOM Video Intercom 10

Manufacturer: GLORY STAR TECHNICS (SHENZHEN) CO., LTD.

Address: Bldg., 9, 4/F., ZongYuntai Technology Industrial Park, Songbai Road, Shiyan

Street, Baoan, Shenzhen, China

Trademark: TELEPORTIVITY Model Number: FONECOM-10

Additional Model Name N/A

Rating: Input: DC12V, 3A, 36W Max Switching Adapter: Model: SOY-1200500-327

Input: 100-240V~, 50/60Hz, 1.7A Max; Output: DC12V, 5.0A, 60W

Modulation Type: GFSK, π/4DQPSK, 8DPSK

Operation Frequency: 2402-2480MHz

Channel Number: 79
Channel Separation: 1MHz
Hardware Version: V0.5
Software Version: Debian 11

Serial No.: FC101220900001

Antenna Designation FPC antenna with gain 2.11dBi Max (Get from the antenna specification)

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1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2022-08-24 to 2022-10-10

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions below 1GHz Uncertainty =4.7dB

Radiated Emissions above 1GHz Uncertainty =6.0dB

Conducted Power Uncertainty =6.0dB

Occupied Channel Bandwidth Uncertainty = 5%

Conducted Emissions Uncertainty = 3.6dB

Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

The sample tested by

Print Name: Andy Xing

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17
LISN	R&S	EZH3-Z5	100253	2022-07-18	2023-07-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2022-07-18	2023-07-17
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2022-07-15	2023-07-14
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2022-07-18	2023-07-17
Power sensor	Anritsu	MA2491A	32263	2022-07-18	2023-07-17
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2022-07-15	2023-07-14
EMI Test Receiver	RS	ESCS 30	834115/006	2022-07-15	2023-07-14
Spectrum	HP/Agilent	E4407B	MY50441392	2022-07-15	2023-07-14
Spectrum	RS	FSP	1164.4391.38	2022-07-15	2023-07-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2022-07-15	2023-07-14
RF Cable	Zhengdi	7m		2022-07-15	2023-07-14
Pre-Amplifier	Schwarebeck	BBV9743	#218	2022-07-15	2023-07-14
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2022-07-15	2023-07-14
LISN	SCHAFFNER	NNB42	00012	2022-08-18	2023-07-17
ESPI Test Receiver	R&S	ESPI 3	100379	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17

2.1 Automation Test Software

For Conducted Emission Test

Name	Version		
EZ-EMC	Ver.EMC-CON 3A1.1		

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249, ANSI C63.4:2014 and ANSI C63.10:2013

4.0 EUT Modification

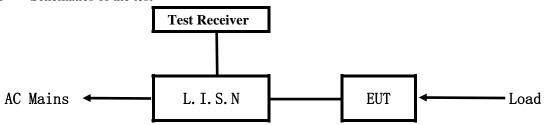
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

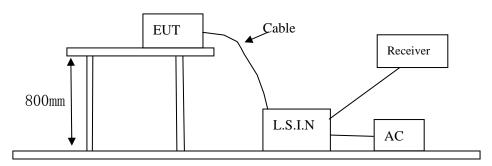


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.10 -2013.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

79 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
FONECOM Video Intercom 10	GLORY STAR TECHNICS	EONECOM 10	2A8OL-FONECO
	(SHENZHEN) CO., LTD.	FONECOM-10	M10

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10 -2013

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Engage	Limits (dB μ V)				
Frequency (MHz)	Quasi-peak Level	Average Level			
$0.15 \sim 0.50$	66.0~56.0*	56.0~46.0*			
$0.50 \sim 5.00$	56.0	46.0			
5.00 ~ 30.00	60.0	50.0			

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

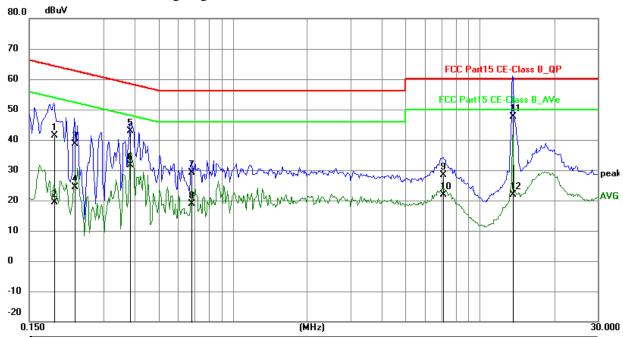
EUT Operating Environment

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Communication by BT

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1890	31.60	9.76	41.36	64.08	-22.72	QP	Р
2	0.1890	9.57	9.76	19.33	54.08	-34.75	AVG	П
3	0.2280	28.96	9.75	38.71	62.52	-23.81	QP	Р
4	0.2280	14.63	9.75	24.38	52.52	-28.14	AVG	Р
5	0.3840	33.14	9.76	42.90	58.19	-15.29	QP	П
6	0.3840	21.86	9.76	31.62	48.19	-16.57	AVG	Л
7	0.6804	19.44	9.78	29.22	56.00	-26.78	QP	Р
8	0.6804	9.09	9.78	18.87	46.00	-27.13	AVG	Р
9	7.0833	18.39	10.01	28.40	60.00	-31.60	QP	Р
10	7.0833	11.90	10.01	21.91	50.00	-28.09	AVG	Р
11	13.6158	37.32	10.32	47.64	60.00	-12.36	QP	Р
12	13.6158	11.58	10.32	21.90	50.00	-28.10	AVG	Р

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

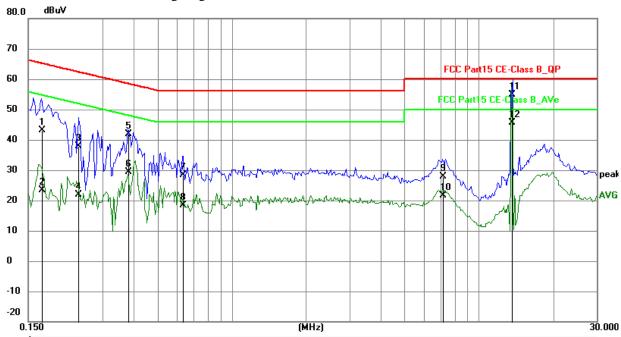
EUT Operating Environment

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Communication by BT

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1695	33.26	9.77	43.03	64.98	-21.95	QP	Д
2	0.1695	13.52	9.77	23.29	54.98	-31.69	AVG	А
3	0.2397	28.01	9.75	37.76	62.11	-24.35	QP	Р
4	0.2397	12.19	9.75	21.94	52.11	-30.17	AVG	Р
5	0.3800	32.06	9.76	41.82	58.28	-16.46	QP	А
6	0.3800	19.71	9.76	29.47	48.28	-18.81	AVG	Л
7	0.6336	18.61	9.78	28.39	56.00	-27.61	QP	Р
8	0.6336	8.59	9.78	18.37	46.00	-27.63	AVG	Р
9	7.1418	17.82	10.02	27.84	60.00	-32.16	QP	Р
10	7.1418	11.66	10.02	21.68	50.00	-28.32	AVG	Р
11	13.5612	44.66	10.32	54.98	60.00	-5.02	QP	Р
12	13.5612	35.32	10.32	45.64	50.00	-4.36	AVG	Р

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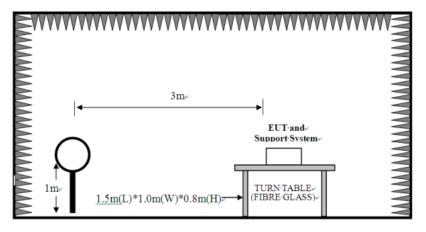


6 Radiated Emission Test

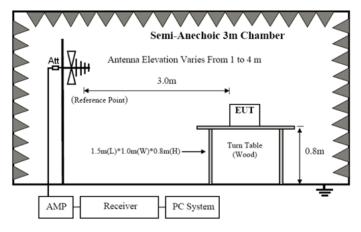
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to1GHz



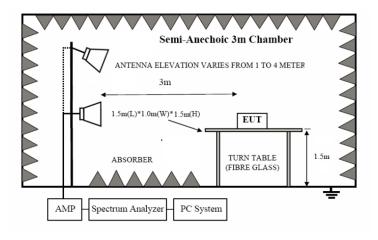
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For radiated emissions above 1GHz



- Configuration of The EUT 6.2 Same as section 5.3 of this report
- **EUT Operating Condition** 6.3 Same as section 5.4 of this report.
- Radiated Emission Limit 6.4

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

FCC Part 15 Subpart C Paragraph 15.249(a) Limit A

Fundamental Frequency	Field Stre	ength of Fundame	ntal (3m)	Field Strength of Harmonics (3m)			
(MHz)	mV/m	dBu	V/m	uV/m	dBuV/m		
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)	

Note:

- 1. RF Field Strength $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- 3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

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B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-80	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.
- 5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.
- 6. All modulation type were tested and only the worst case was recorded in the test report. GFSK modulation was the worst case.

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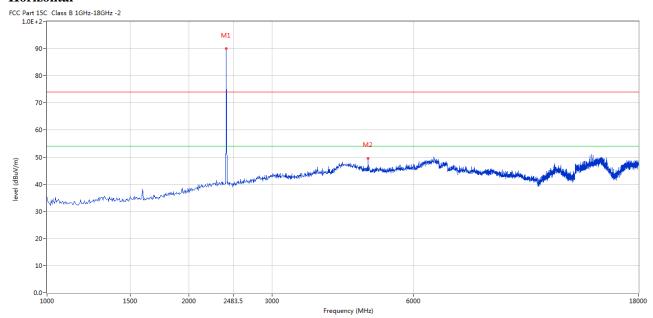


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

Horizontal



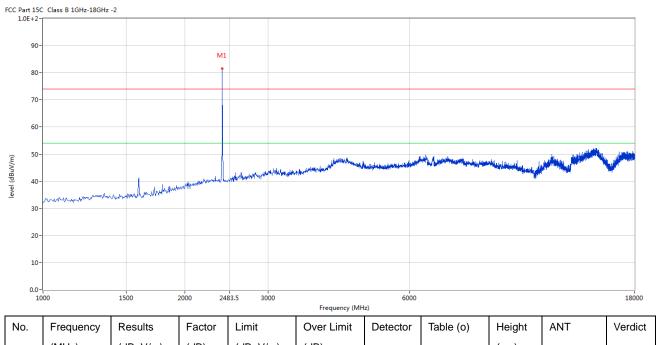
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	90.08	-3.57	114.0	-23.92	Peak	127.00	100	Horizontal	Pass
2	4802.799	49.54	3.12	74.0	-24.46	Peak	176.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402	81.82	-3.57	114.0	-32.18	Peak	195.00	100	Vertical	Pass

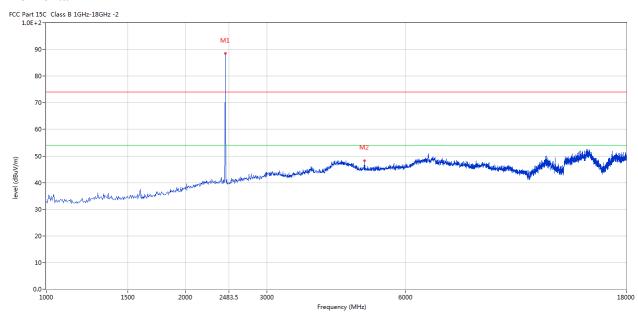
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



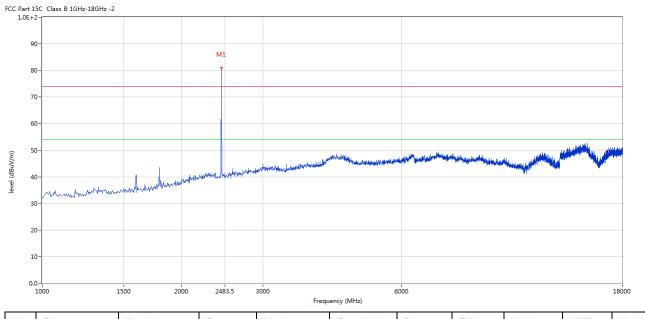
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	88.42	-3.57	114.0	-25.58	Peak	130.00	100	Horizontal	Pass
2	4879.280	48.15	3.20	74.0	-25.85	Peak	284.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	81.01	-3.57	114.0	-32.99	Peak	301.00	100	Vertical	Pass

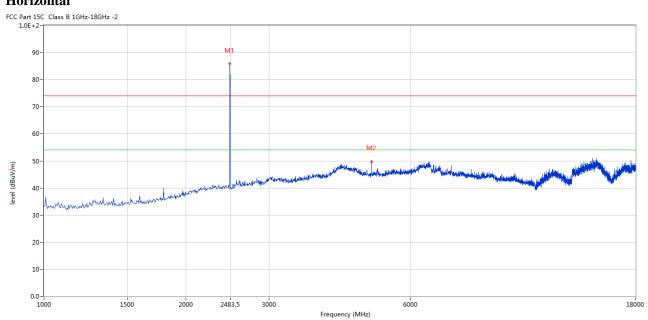
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



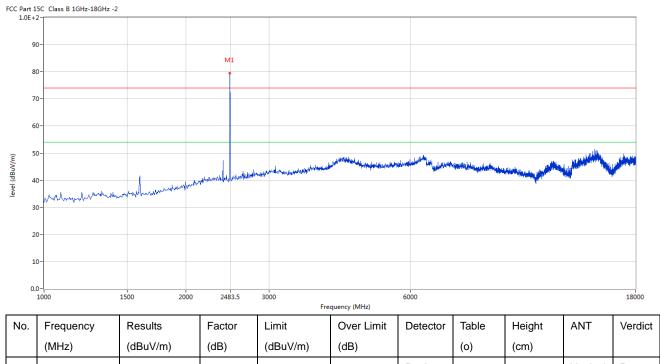
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	86.03	-3.57	114.0	-27.97	Peak	123.00	100	Horizontal	Pass
2	4960.010	49.77	3.36	74.0	-24.23	Peak	304.00	100	Horizontal	Pass

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Vertical



306.00 2480 79.13 -3.57 114.0 -34.87 Peak 100 Vertical Pass

Note: (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

- (3)Margin=Emission-Limits
- (4)According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, It is only the floor noise. No necessary to take down.
- (6) the measured PK value less than the AV limit.

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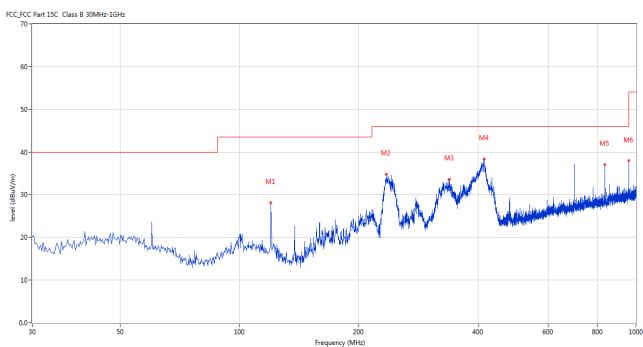


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	119.945	28.09	-15.32	43.5	-15.41	Peak	350.00	100	Horizontal	Pass
2	234.376	34.78	-12.53	46.0	-11.22	Peak	342.00	100	Horizontal	Pass
3	338.140	33.61	-9.77	46.0	-12.39	Peak	327.00	100	Horizontal	Pass
4	414.024	38.32	-8.25	46.0	-7.68	Peak	250.00	100	Horizontal	Pass
5	835.384	37.02	-2.71	46.0	-8.98	Peak	273.00	100	Horizontal	Pass
6	959.998	37.91	-1.63	46.0	-8.09	Peak	281.00	100	Horizontal	Pass

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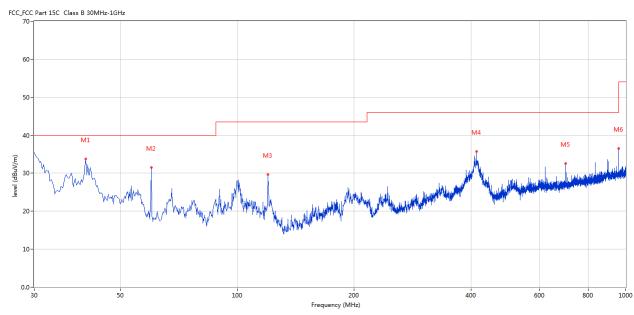


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	40.667	33.69	-12.19	40.0	-6.31	Peak	246.00	100	Vertical	Pass
2	60.062	30.69	-12.97	40.0	-9.31	Peak	360.00	100	Vertical	Pass
3	119.945	29.41	-15.32	43.5	-14.09	Peak	176.00	100	Vertical	Pass
4	413.297	35.71	-8.30	46.0	-10.29	Peak	261.00	100	Vertical	Pass
5	700.102	30.49	-4.18	46.0	-15.51	Peak	246.00	100	Vertical	Pass
6	959.998	36.55	-1.63	46.0	-9.45	Peak	145.00	100	Vertical	Pass

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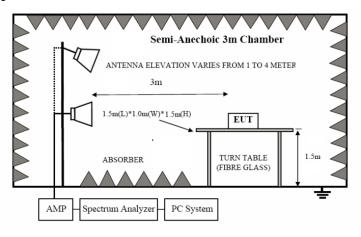


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7. 2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

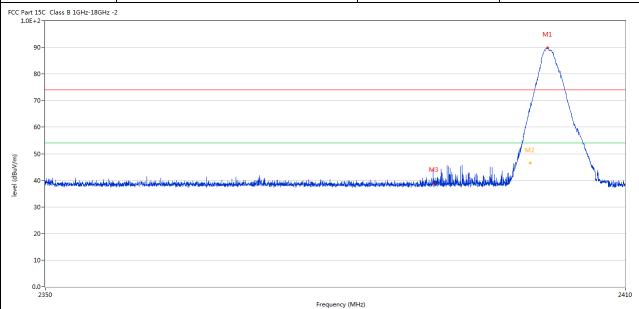
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7.6 Test Result

Product:	FONECOM Video Intercom 10	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		

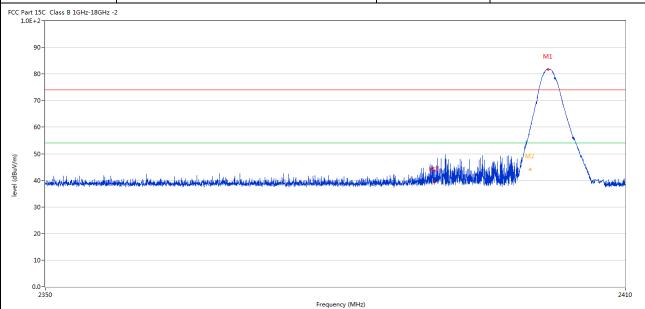


No	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2401.902	89.85	-3.57	74.0	15.85	Peak	130.00	100	Horizontal	N/A
2	2400.057	61.58	-3.57	74.0	-12.42	Peak	130.00	100	Horizontal	Pass
2**	2400.057	46.52	-3.57	54.0	-7.48	AV	130.00	100	Horizontal	Pass
3	2390.055	39.04	-3.53	74.0	-34.96	Peak	306.00	100	Horizontal	Pass

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Product:	FONECOM Video Intercom 10	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2401.932	81.69	-3.57	74.0	7.69	Peak	202.00	100	Vertical	N/A
2	2400.057	59.21	-3.57	74.0	-14.79	Peak	202.00	100	Vertical	Pass
2**	2400.057	44.10	-3.57	54.0	-9.90	AV	202.00	100	Vertical	Pass
3	2390.040	39.27	-3.53	74.0	-34.73	Peak	145.00	100	Vertical	Pass

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]	Product:	F	ONECOM	Video Intere	com 10		Polari	ty	Horizo	ntal
	Mode		Keepin	g Transmittii	ng		Test Vol	tage	120V	~
Te	mperature		2	4 deg. C,			Humid	ity	56% F	RH
Te	est Result:			Pass						
Part 1	15C Class B 1GHz-18GHz	-2								
	00-		M.							
	00-									
7	70-			h h						
6	50-		1	M ₂						
5	0-	×		_						
4	10 - White test with a state to have been de-	with the state of			Marine Company	hated show the provided	فوالدهارية أويزوب ماجلوليل		appida James open oce special action beginning	d-dynal abyty
3	0-									
2	0-									
1	0-									
0.	.0-									
	2470			2483.5	Frequency (MHz)					2500
No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdi
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
	0.400.4.45	05.07	0.57	74.0	44.07	Б.	100.00	400		A 1 / A

	No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
	1	2480.145	85.87	-3.57	74.0	11.87	Peak	128.00	100	Horizontal	N/A
	2	2483.369	52.85	-3.57	74.0	-21.15	Peak	128.00	100	Horizontal	Pass
Г											

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	Product:	I	FONECON	I Video Int	ercom 10		Detecto	or	Vertic	al
	Mode		Keepii	ng Transmi	tting		Test Volt	age	120V	~
Te	mperature		2	24 deg. C,			Humidi	ty	56% F	RH
Te	est Result:			Pass						
CC Part 1	L5C Class B 1GHz-18GHz 2-	-2								
9	0-									
			M1							
8	0-									
7	0-									
			/							
6	0-		/	V						
	0-			M2						
	0-	respectations with the state before		M2	Make the mark have the solutions as	Locales, the back and be shipted	المراجعة المتعادلة المتعاد	والمعالمة		4.0.4
5	O-Hilmon Abbrillin Ibrah	reduced by several as the state of the		M2	Middlewick Land Markethick	kanadori danika tirliya oleh dari	Milder Linds Margalization in the control of the co	adjang terbahan dipindipindi	madalis a galar paya ya da la cadd	hadala-da
	O-Hilmon Abbrillin Ibrah	teducides are the state of the		M2	mademid have be about an	h zaden dinik piri him bin bin	Milder total Manager a total	والمتعالم والمناطقة والمتعالمة	n delici nga kadapada da dalah dalah	hadalahan
5	0-11-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	te day at land a sign of the ball of the b		M2	ninkalipusih karahterhideskides	zeele endledke ivleni bleben	Milder Control Mary Annie A	minera while address of the left of the le	n dalik da kalaban da kalaba	hadahatak
5 4 4 3 3		tentunid petromite a petriologica de disconsiderati		M2	Salaharik da salaharik da da salaharik da sa	kanderidadi, ekkeel kikaha	Miller Lindel Margelon Look L	anthro e nhuiseachtaigheidh	k dike sepanjuk delik dili	lapadah aring
3 2 2 1 0.		Heduseldestandus destande del de		M2		asekerolluljani kon bila ben	Milder of the second se	adjane ah, dan da indiredhi dh	h idd a hafa a hafa kadd	
5 4 3 2		ng atau ah kadisa dina dina dina dina dina dina dina din		M2		zaderednik pirkom kiloma	Milder Linde Mercelon Linde A	militar a talendar a de a	k iddi as gariyyy yik ol k iddi	2500
3 2 2 1 0.		Results	Factor	2483	.5	Detector	Table	Height	ANT	2500
5 5 2 3 2 1	0 -		Factor (dB)	1	.5 Frequency (MHz)					2500
5 5 2 3 2 1	0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0	Results		Limit	.5 Frequency (MHz) Over Limit		Table	Height		

Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

2. All modulation type were tested and only the worst case was recorded in the test report. GFSK modulation was the worst case.

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8.0 Antenna Requirement

Applicable Standard

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 shall be considered sufficient to comply with the provisions of this section.

This product has an FPC antenna. The antenna gain is 2.11dBi Max. It fulfills the requirement of this section. Test Result: Pass

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SK Modulation									
Product:	FONECO	M Video	Intercom 1	0	Test Mo	de:	Keep ti	ansmitting	,
Mode	Keep	oing Trans	mitting		Test Volta	age	12	20V~	
Temperature		24 deg. (Ξ,		Humidi	ty	56	% RH	
Test Result:		Pass			Detecto	or		PK	
dB Bandwidth	Marker 1 [T1 ndB]								
Ref Lvl	RBW VBW	30 k 100 k	Hz	F Att	20 dB				
10 dBm	BW 919	839679	936 kHz	SWT	8.5 m	s U	nit	dBr	n
10					v ₁	[T1]	_	3.32 dBm	n e
0			1		ndF	R	2.4018	7074 GHz	4
				\ \	BW			7936 kHz	š
-10					$ abla_{\mathrm{T}^{1}}$	[T1]	-2	3.38 dBm 7014 GHz	1
		^	,	٦	V ∨ _{T2}	P [T1]	-2	3.32 dBm	
1MAX					12 VIS		2.4024	8998 GHz	1
30	~	Å				4			
40									
60						٧	Van	Mary Mary	
70									
80									-
90									
Center 2.402	2 GHz		300	kHz/			Spa	an 3 MHz	:

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Product:	FONECOM	I Video Int	ercom 10		Test Mode:	Keep t	ransmitting
Mode	Keepir	ng Transmi	tting	7	Test Voltage	1	20V~
Temperature	2	4 deg. C,			Humidity	56	5% RH
Test Result:		Pass			Detector		PK
20dB Bandwidth	9	19.84kHz					
<u>ka</u>	Marker	1 [T1 n	ıdB]	RBW	30 kH	z RF Att	20 dB
Ref Lvl	Ref Lvl ndB			VBW	100 kH	z	
	BW 91	9.839679	36 kHz	SWT	8.5 ms	Unit	dBm
10					▼ 1 [т1] -	4.22 dBm
						2.4408	7074 GHz
0			1		ndB	2	0.00 dB
			\sim	\M	BW ▼ _{T1}	919.8396	
-10					V TI	[T1] -2 2.4405	4.24 dBm 7014 GHz
					V ∇ _{T2}		4.00 dBm
-20		TA			T2	2.4414	8998 GHz
1MAX		\ ~\ ^y			~~~		1M
-30		/			1		
	\sim						
-40	 					4	
	المرسيم الم						
-50							
and and a second						, L	man,
-60							~~~
							Ĭ
-70							
-80							
-90							
Center 2.4	441 GHz		300]	kHz/		Sp	an 3 MHz

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Product:	FO	NECOM	Video Int	ercom 10		Γ	est Mode:		Keep tra	ansmitting	
Mode		Keepin	g Transmi	tting		To	est Voltage		12	0V~	
Temperature		24	4 deg. C,				Humidity		569	% RH	
Test Result:			Pass				Detector			PK	
20dB Bandwidth		91	3.83kHz								
Ŕ	1	Marker	1 [T1 r	ndB]	F	RBW	30 k	Hz R	F Att	20 dB	
Ref Lvl				00 dB	7	/BW	100 k	Hz			
	1	BW 919	.839679	36 kHz	5	SWT	8.5 m	s U	nit	dBm	ı
10							v ₁	[T1]	-5	.33 dBm	
									2.47987	074 GHz	A
0				1			ndE	3	20	.00 dB	
				\www.	~ ~	4	BW	9:	19.83967		
-10					V	+	$ abla_{\mathrm{T}}$	[T1]	-25	.45 dBm	
				N		Y	• VT	T1]	2.47957	014 GHz .44 dBm	
-20				, ·			<u> </u>	. [11]	2.48048	998 GHz	
1MAX							T2 V				1M2
-30		^{					∀	4			
-40		مممس							0.0		
-50 m	~~~	,								····	
-60										Landstery	
-70											
-80											
-90 Center 2	49 011-			300]eII - '	,			Gr	an 3 MHz	

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Product: FONECOM Video Intercom 10 Test Mode: Keep transmitting Mode Keeping Transmitting Test Voltage 120V~ Temperature 24 deg. C, Humidity 56% RH Test Result: Pass Detector PK 20dB Bandwidth 1.281MHz Ref Lv1 Marker 1 [T1 ndB] ndB RBW 30 kHz nd Att 20 dB 10 dBm BW 1.28056112 MHz SWT 8.5 ms Unit dBm dBm 10 dBm BW 1.28056112 MHz SWT 8.5 ms Unit dBm A -10 nds 2.40187074 GHz Att -2.42 dBm Att	π /4DQPSK N	Modulatio	on								
Temperature 24 deg, C, Humidity 56% RH Test Result: Pass Detector PK 20dB Bandwidth 1.281MHz	Product:	Mode Keeping Transmit uperature 24 deg. C, to Result: Pass Bandwidth 1.281MHz Marker 1 [T1 ndE ndB 20.00] 10 dBm BW 1.28056112					Test Mo	de:	Keep tr	ansmitting	
Test Result: Pass Detector PK 20dB Bandwidth 1.281MHz Marker 1 [T1 ndB] RBW 30 kHz RF Att 20 dB Ref Lvl ndB 20.00 dB VBW 100 kHz 10 dBm BW 1.28056112 MHz SWT 8.5 ms Unit dBm 10	Mode		Keep	oing Trans	mitting		Test Volt	age	12	20V~	
20dB Bandwidth 1.281MHz	Temperature			24 deg. 0	Ξ,		Humidi	ty	569	% RH	
Marker 1 [T1 ndB] RBW 30 kHz RF Att 20 dB ndB 20.00 dB VBW 100 kHz 10 dBm BW 1.28056112 MHz SWT 8.5 ms Unit dBm 2.40187074 GHz 2.40187074 GHz 2.40187074 GHz 2.401887074 GHz 2.40188978 GHz 3.40188978 GH	Test Result:			Pass			Detecto	or]	PK	
Ref Lvl ndB 20.00 dB VBW 100 kHz 10 dBm BW 1.28056112 MHz SWT 8.5 ms Unit dBm 10	20dB Bandwidth			1.281MH	Iz						
10 dBm BW 1.28056112 MHz SWT 8.5 ms Unit dBm 10	Ŕ		Marker	1 [T1 n	ndB]	RBW	30 k	Hz R	F Att	20 dB	
10 0 1	•					VBW					
T1 [T1]		Result: Bandwidth 1.281MHz Marker 1 [T1 ndB ndB 20.00 ndB 20.00 ndB 1.28056112					8.5 m	ıs U	nit	dBm	ı
2.40187074 GHz 20.00 dB BW 1.28056112 MHz -23.35 dBm 2.40138978 GHz -20 1MAX 1MAX 1MAX 1MAX 1MA 1MA	10						v ₁	[T1]	-3	3.42 dBm	
-10 -10 -10 -10 -10 -10 -10 -10 -10 -10									2.40187	074 GHz	
-10 -20 -20 -20 -30 -40 -50 -50	0				1	<		3			
2.40138978 GHz VT2 [T1]					1 /	γ		[m1]	1.28056		
-20 TMAX TO TELEPTON TO TELEPT	-10			~~\	Ch.	V			2.40138		
1MAX				<i></i>			∇_{T}	[T1]			1
-30 -40 -50			1	<u>'</u>				T2	2.40267	7034 GHz	1262
-40	IMAX							٦			IMA
-50	-30										
-50								\			
	-40		~./					\rightarrow			
		~/	√ ₩						\ \ \ \		
-60	-50								- W	h M	
-60		,,,,,								~ /	
	-60										
-70	-70										
-80	-80										
-90	-90										
Center 2.402 GHz 300 kHz/ Span 3 MHz	Center 2								Spa	an 3 MHz	
Date: 22.SEP.2022 17:02:08	Date: 22	.SEP.20	022 17	:02:08							

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Product:	Mode Keep mperature est Result:			ercom 10		Г	est Mode:		Keep tra	nsmitting	
Mode	mperature st Result: Bandwidth			tting		To	est Voltage		12	0V~	
Temperature			4 deg. C,				Humidity		56%	6 RH	
Test Result:			Pass				Detector		I	PK	
0dB Bandwidth		1.	.287MHz								
		Marker	1 [T1 r	ndB]	R	.BW	30 k	Hz RI	7 Att	20 dB	
Ref Lvl				00 dB	V	BW	100 k	Hz			
		BW 3	1.286573	315 MHz	S	WT	8.5 m	s Uı	nit	dBr	n
10							v ₁	[T1]	-4	.28 dBn	A
									2.44087	074 GHz	
0				1	_		ndB	i e	20	.00 dB	
				$\left \right \left\langle \right\rangle $	$^{\wedge}$	1	BW	[T1]	1.28657 -24	315 MHz	
-10			~~\ [^]	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\wedge			2.44038		
			\downarrow				∇_{T}	[T1]	-24	.31 dBm	1
-20 1MAX		T	_					T2	2.44167	034 GHz	1M2
- 30											
-40	\							M	\h ~		
-50	~/ [~]									h	
-60											
-70											
-80											
-90										_	ļ
Center 2.	441 GF	1Z		300	kHz/				Spa	n 3 MHz	i

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Product:	FC	ONECOM	Video Int	ercom 10		Г	est Mode:		Keep tra	ansmitting	
Mode	mperature st Result: Bandwidth			tting		T	est Voltage			0V~	
Temperature			4 deg. C,				Humidity		569	% RH	
Test Result:			Pass				Detector		I	PK	
OdB Bandwidth		1.	.281MHz								
<u> </u>		Marker	1 [T1 n	ndB]	F	RBW	30 k	Hz Rl	z RF Att 20 di		
Ref Lvl		ndB	20.	00 dB	7	/BW	100 k	Hz			
10 dBm		BW 1	L.280561	12 MHz	S	SWT	8.5 m	s Uı	nit	dBm	ı
10							$lacktriangledown_1$	[T1]	- 5	.32 dBm	A
									2.47987	074 GHz	
0				1			ndB	}	20	.00 dB	
					$^{\wedge}$	4	BW ▼ _{T1}	[T1]	1.28056	112 MHz .20 dBm	
-10			~~	_\ \\\			My x		2.47938		
						Ť	$\checkmark \uparrow$	[T1]	-25	.59 dBm	
-20 1MAX		T	<i>[</i> ************************************					T2	2.48067	034 GHz	1M2
-30											
-40		\sim						M			
-50 Manual -60 Manual	~								4/2vd	mm	
-60											
-70											
-80											
-90	40 077			200	1-11-				2	2 MIT	
Center 2.	48 GH2	۷		300	KHZ/				Spa	ın 3 MHz	

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Product:	I	FONECO	M Video	Intercom 1	10	Test Mo	de:	Keep tr	ansmitting	
Mode		Keep	oing Trans	mitting		Test Volt	age	12	20V~	
Temperature			24 deg. C	Ξ,		Humidi	ty	569	% RH	
Test Result:			Pass			Detecto	or		PK	
OdB Bandwidth			1.251MH	Iz						
>	Marker 1 [T1 ndB 2 ndB 1.2505				RBW	30 k	Hz R	F Att	20 dB	
Ref Lvl	r	ndB	20.	00 dB	VBW	100 k	Hz			
	10 dBm BW 1.25050				SWT	8.5 m	ıs U	nit	dBm	ı
10						lacksquare1	[T1]	-2	2.79 dBm	
								2.40187	074 GHz	2
0				1	Δ	ndI	3	20	.00 dB	
						BW $\nabla_{\mathbf{T}}$	L [T1]	1.25050		
-10			~~	<u>~~~</u>	V	7~	LTI	2.40141	2.77 dBm 383 GHz	
						$\nabla_{\mathbb{T}}$	[T1]	-22		
-20		7	1				\rightarrow \frac{\rightarrow}{2}	2.40266	433 GHz	
1MAX										11
-30										
-40	\bigwedge	Jan					\w			
-50								~	man/\	
-60										
-70										
-80										
-90 Center 2.4	102 011	7		300	kHz/			Cn	an 3 MHz	

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Product:	Mode Keep mperature est Result:			ercom 10		Γ	est Mode:		Keep tra	nsmitting	
Mode	Mode Keep nperature st Result: Bandwidth					To	est Voltage	:		0V~	
Temperature			4 deg. C,			_	Humidity			6 RH	
Test Result:			Pass			_	Detector		I	PK	
OdB Bandwidth		1.	.244MHz								
<i>€</i>		Marker	1 [T1 n	ıdB]	F	RBW	30 k	Hz RI	z RF Att 20 o		
Ref Lvl	Ref Lvl ndB		20.	00 dB	7	/BW	100 k	Hz			
		BW 1	L.244488	98 MHz	S	SWT	8.5 m	s Uı	nit	dBm	ı
10							\mathbf{v}_1	[T1]	-3	.62 dBm	
									2.44087	074 GHz	A
0				<u> </u>	_		ndE	,	20	.00 dB	
				$\left \right \left\langle \right \right\rangle$	/ ا	$^{\prime}$	BW ∇_{T1}	[T1]	1.24448		
-10			~ ^~	\sim	_	7	7		2.44041		
			/ "				$^{\vee}$	[T1]	-23		
-20		-	/					\	2.44166	433 GHz	1M2
		/						\			⊥M.
-30											
-40	\bigwedge							\bigvee \bigvee	\bigwedge		
-50	W								Lange Comment	\/\	
-60											
-70											
-80											
-90 Center 2	.441 G	Hz		300	kHz/	′			Spa	n 3 MHz	

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8DPSK Modula	tion											
Product:	FC	FONECOM Video Intercom 10					Test Mode:		Keep transmitting			
Mode	Keepin	Keeping Transmitting				Test Voltage		120V~				
Temperature		24 deg. C,				Humidity			56% RH			
Test Result:	Pass						Detector		PK			
20dB Bandwidth		1.	263MHz	.63MHz								
R)	Marker 1 [T1 ndB]				I	RBW	30 k	Hz Rl	F Att	20 dB		
Ref Lvl		ndB		00 dB		JBW	100 k					
10 dBm		BW 1	.262525	05 MHz		SWT	8.5 m	s Uı	nit	dBm		
10							v ₁	[T1]	- 4	1.79 dBm	A	
0									2.47987	074 GHz		
				1			ndF	8	20	0.00 dB		
					\setminus \downarrow		BW ▼ _T j	[T1]	1.26252	1.74 dBm		
-10			^^	\sim	~	7	\bigwedge		2.47940			
			\sim			·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2 [T1]	-24	1.98 dBm		
-20 1MAX		Ţ	1					<u>F</u> 2	2.48067	7034 GHz	1MA	
			,					\ \				
-30												
-40	\bigwedge							\ <u>\</u>				
-50	2								h	made		
-60												
-70												
-80												
-90 Center 2	.48 GH	,		300	kHz.	/			Spa	an 3 MHz		
		022 17	:11:29						256	5 11112		

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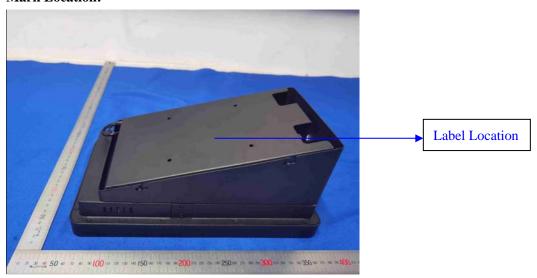
10.0 FCC ID Label

FCC ID: 2A8OL-FONECOM10

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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11.0 Photo of testing

11.1 Conducted test View--



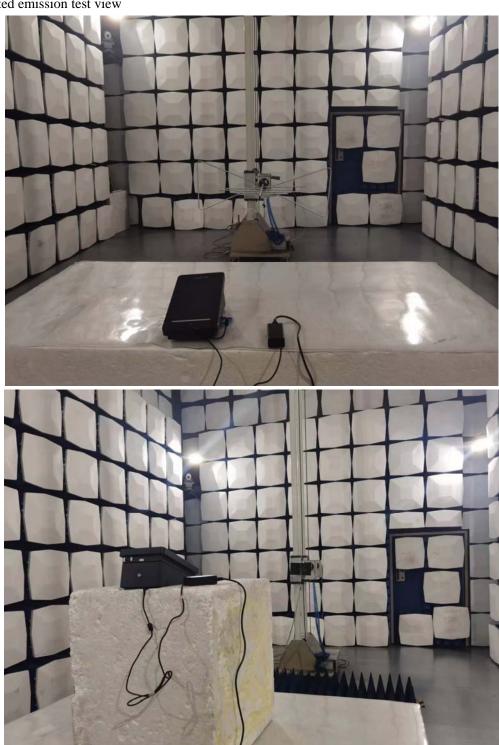
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Radiated emission test view



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11.2 Photographs – EUT

Outside View



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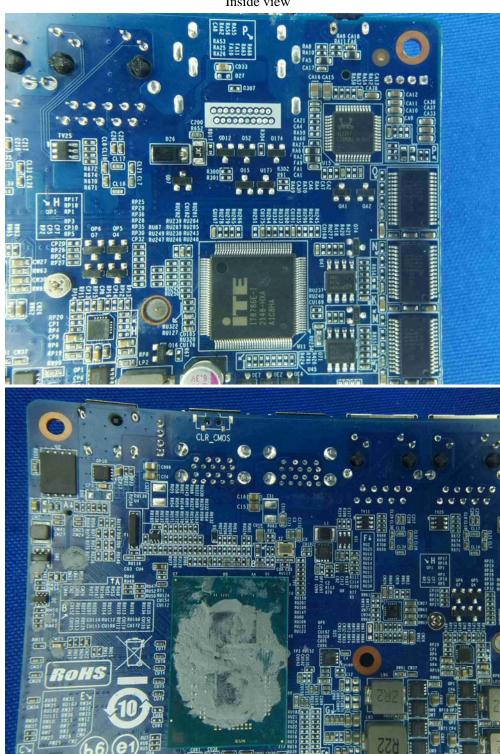
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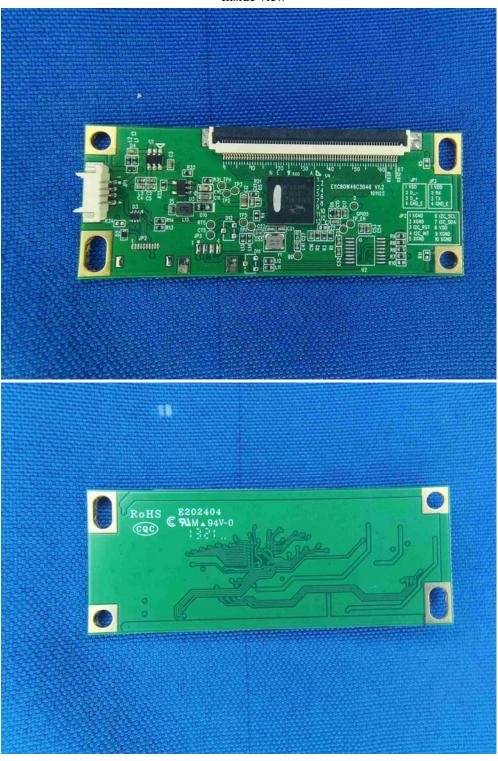
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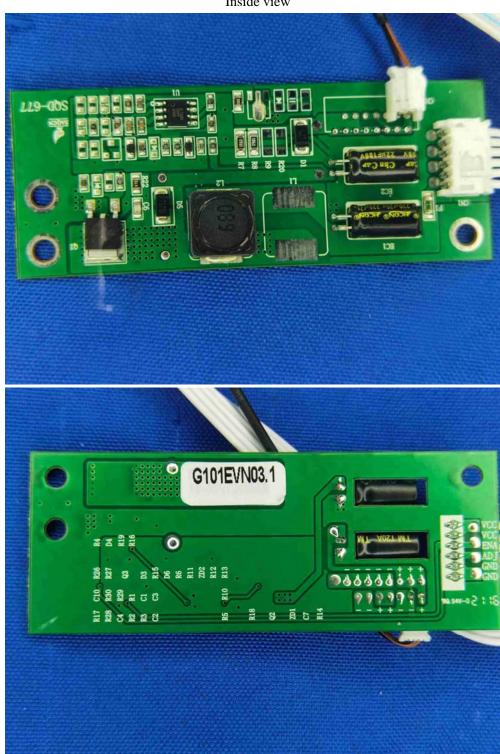
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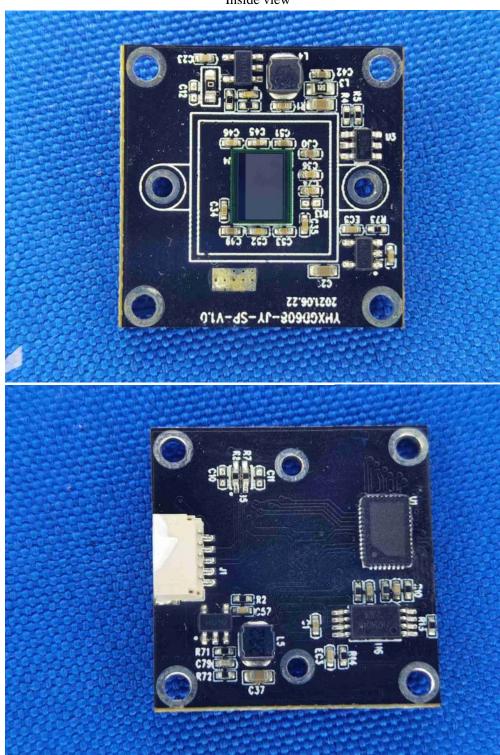
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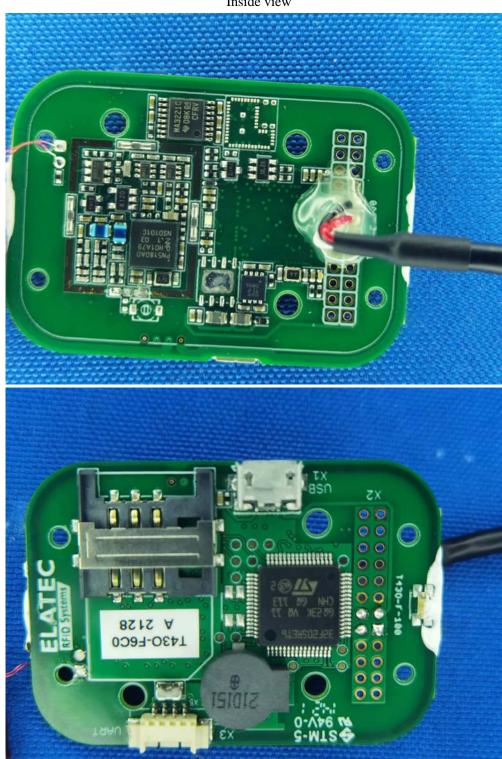
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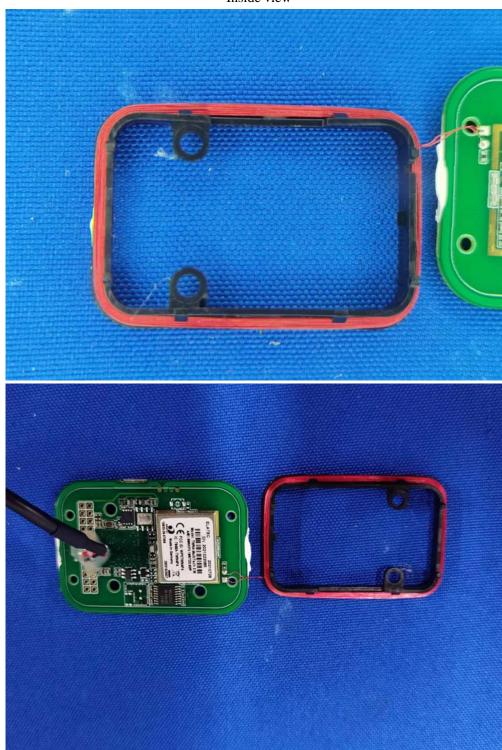
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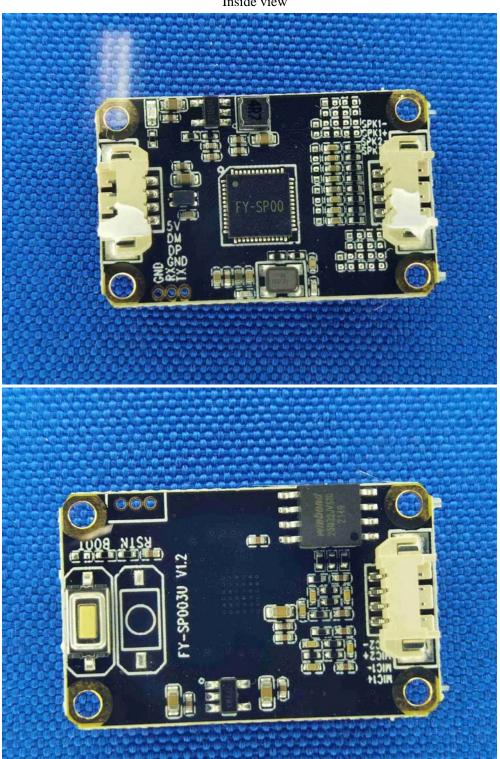
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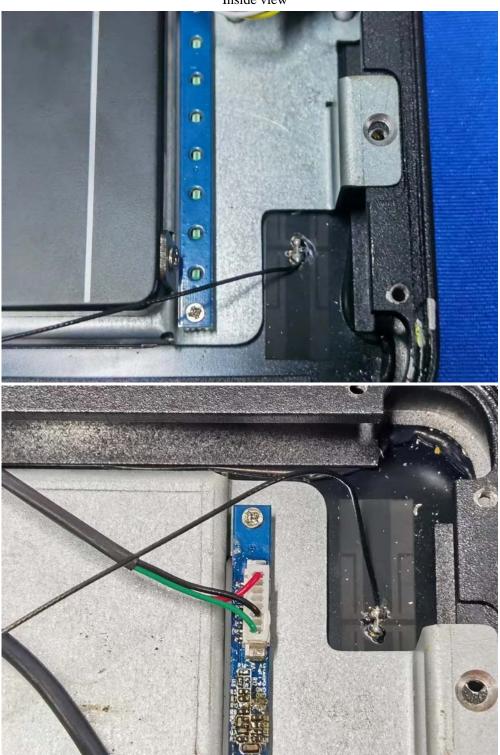
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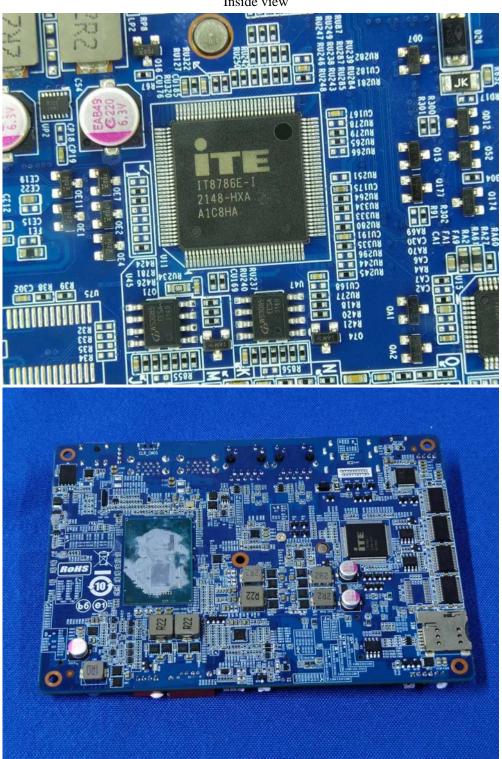
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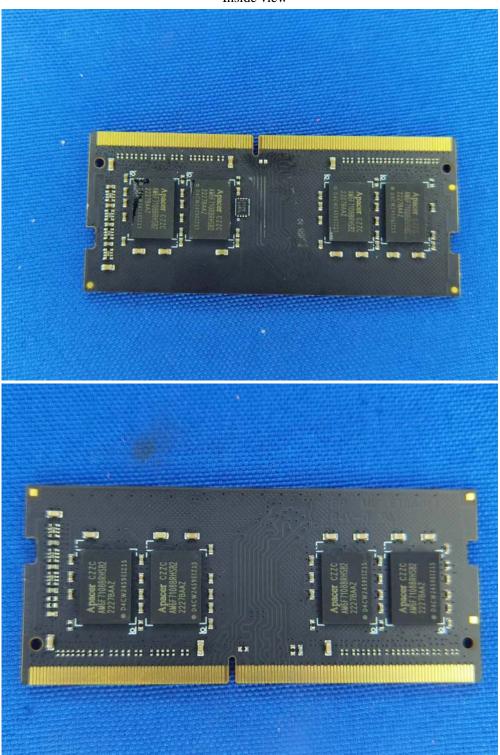
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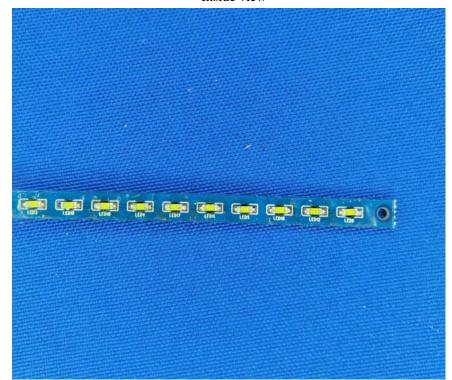
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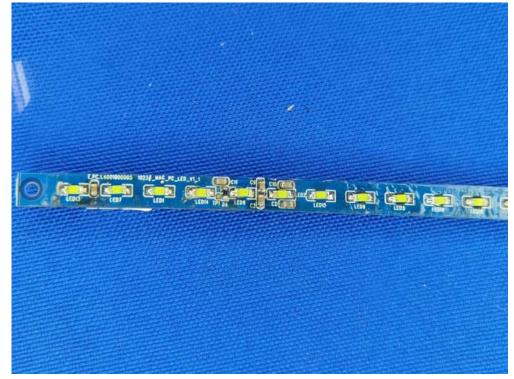
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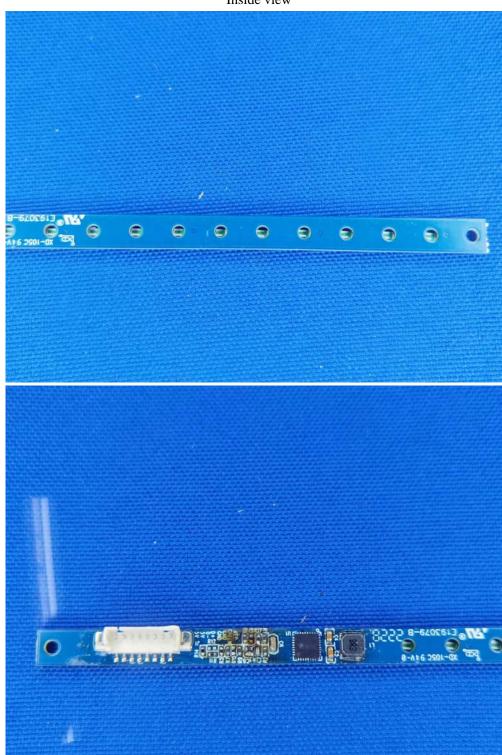
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Power Supply



End of the report