FCC TEST REPORT

CATEGORY	:	Mobile End Product
PRODUCT NAME	:	2.4GHz Wireless Surround Headphone
FCC ID.	:	SBECP3D24GWLA101
FILING TYPE	:	Certification
BRAND NAME	:	PROFESSOR
MODEL NAME	:	CP3D-A101
APPLICANT	:	**PROFESSOR TECHNOLOGY CO., LTD.** 5F, NO. 25-1, Jilin Rd., Chung-Li Industrial Park, Taoyuan 320, Taiwan (R.O.C.)
MANUFACTURER	:	Same as Applicant
ISSUED BY	:	**SPORTON INTERNATIONAL INC.** 6F, No. 106, Sec. 1, Hsin Tai Wu Rd., His Chih, Taipei Hsien, Taiwan, R.O.C.

Statements:

The test result in this report refers exclusively to the presented test model / sample.

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Certificate or Test Report could not be used by the applicant to claim the product endorsement by CNLA, NVLAP or any agency of U.S. government.

The test equipment used to perform the test are calibrated and traceable to NML/ROC or NIST/USA.

Dr. Alan Lane
Vice General Manager
Sporton International Inc.

Lab Code: 200079-0

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Appendix A. Photographs of EUT ..... A1 ~ A20

History of this test report

■ No additional attachment.

☐ Additional attachment were issued as following record:

Attachment No.	Issue Date	Description

1. General Description of Equipment under Test

1.1 Applicant

PROFESSOR TECHNOLOGY CO., LTD.

5F, NO. 25-1, Jilin Rd., Chung-Li Industrial Park, Taoyuan 320, Taiwan (R.O.C.)

1.2 Manufacturer

Same as 1.1

1.3 Basic Description of Equipment under Test

This product is a 2.4GHz wireless surround headphone. The technical data has been listed on section " Features of Equipment under Test ". This product includes 2 independent sets. One is the transmitter which can be connected with audio output device. The other one is the receiver which in a headphone. The transmitter is powered by power adapter. The receiver is powered by chargeable battery which can be charged by the transmitter via cable.

1.4 Features of Equipment under Test

ITEMS	DESCRIPTION
Type of Modulation	DSSS
Number of Channels	6
Operating Frequency Band	2412~2462MHz
Function Type	Transmitter
Antenna Type /Gain	Dipole Antenna /1dBi
Power Rating (DC/AC, Voltage)	230 VAC / 5VDC (adapter)
Duty Cycle	NA
Humidity Range	NA
Temperature Range (Operating)	-10 ~ 55℃

1.5 Table for Carrier Frequencies

Channel	Frequency	Channel	Frequency
0	2412 MHz	4	2452 MHz
1	2422 MHz	5	2462 MHz
2	2432 MHz		
3	2442 MHz		

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2. Test Configuration of the Equipment under Test

2.1 Description of the Test

a. The EUT has been programmed to continuously transmit or receive during testing. The used peripherals as well as the configuration fulfill the requirements of ANSI C63.4:2001.
b. The configuration is operated in a manner which tends to maximize its emission characteristics in a typical application.
c. 3 meters measurement distance in semi-anechoic chamber was used in this test.
d. Spurious below 1GHz is independent of channel selection, so only CH 05 was tested.

Frequency Range Investigated

a. Conducted power line test: from 150 kHz to 30 MHz
b. Radiated emission test: from 30 MHz to 25000 MHz

2.3 Description of Test Supporting Units

Support Unit 1. – Walkman (KOKA)

FCC ID	: N/A
Model No.	: KW-225
Remark	: This support device was tested to comply with FCC standards and authorized under a declaration of conformity.

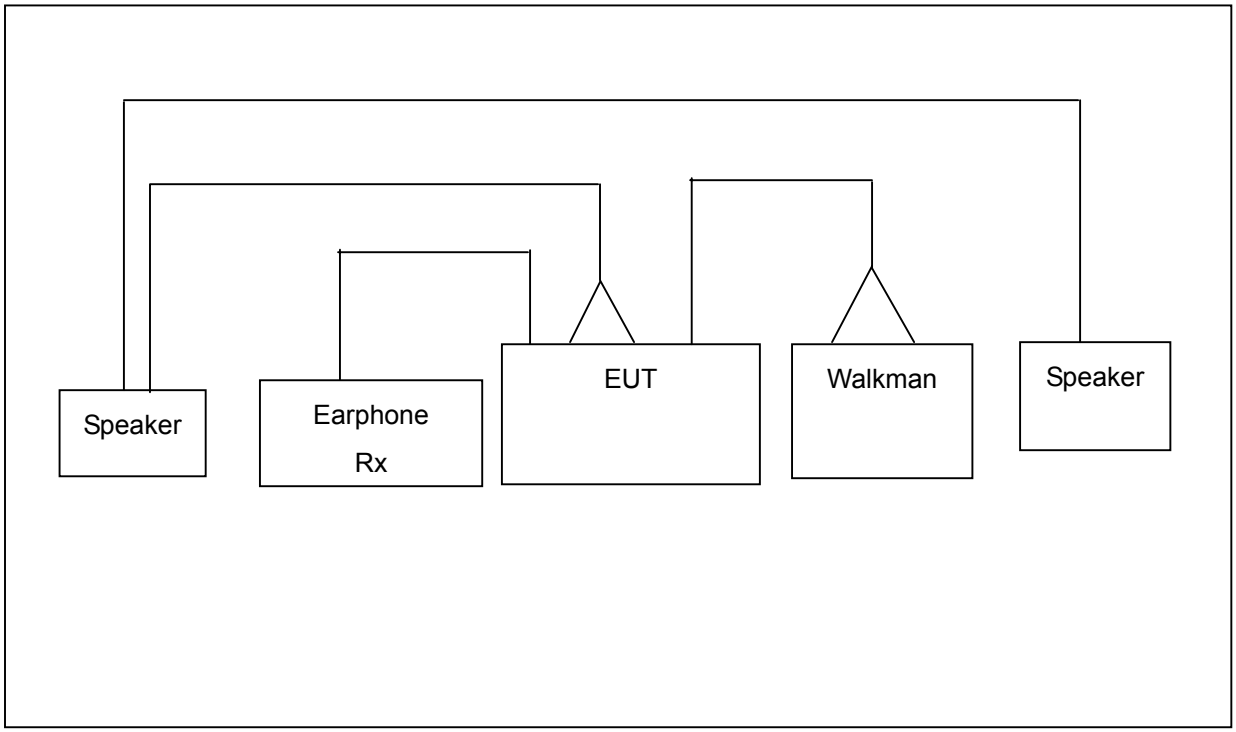
Support Unit 2. -- Speaker (JUSTER)

FCC ID	: N/A
Model No.	: SP-116
Remark	: This support device was tested to comply with FCC standards and authorized under a declaration of conformity.

Support Unit 3. – DVD (TOSHIBA)

FCC ID	: N/A
Model No.	: SD-K310
Serial No.	: NA
Remark	: This support device was tested to comply with FCC standards and authorized under a declaration of conformity.

2.4 Connection Diagram of Test System



2.5 Test Software

There is no software for the test.

3. Test Location and Standards

3.1 Test Location

Test Location	:	Sporton Hwa Ya Testing Building
Address	:	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. Tel: +886 3 327 3456 Fax: +886 3 318 0055
Test Site No.	:	03CH03-HY

3.2 Test Conditions

Normal Voltage	:	110V/60Hz
Extreme Voltages	:	138V and 102V
Normal Temperature	:	20 ℃
Extreme Temperature	:	-10 ℃ and 55 ℃

3.3 Standards for Methods of Measurement

Here is the list of the standards followed in this test report.

ANSI C63.4-2001

47 CFR Part 15 Subpart C (Section 15.249)

4. List of Measurements

4.1 Summary of the Test Results

Applied Standard: 47 CFR Part 15 and Part 2			
Paragraph	**FCC Rule**	**Description of Test**	**Result**
5.1	15.249(a)	Carrier field strength	Pass
5.2	15.107/15.207	AC Power Line Conducted Emission	Pass
5.3	15.249(a)/ 15.249(d)	Spurious Radiated Emission	Pass
6	15.235(c)(3)	Antenna Requirement	Pass

5. Test Result

5.1 Carrier Field Strength

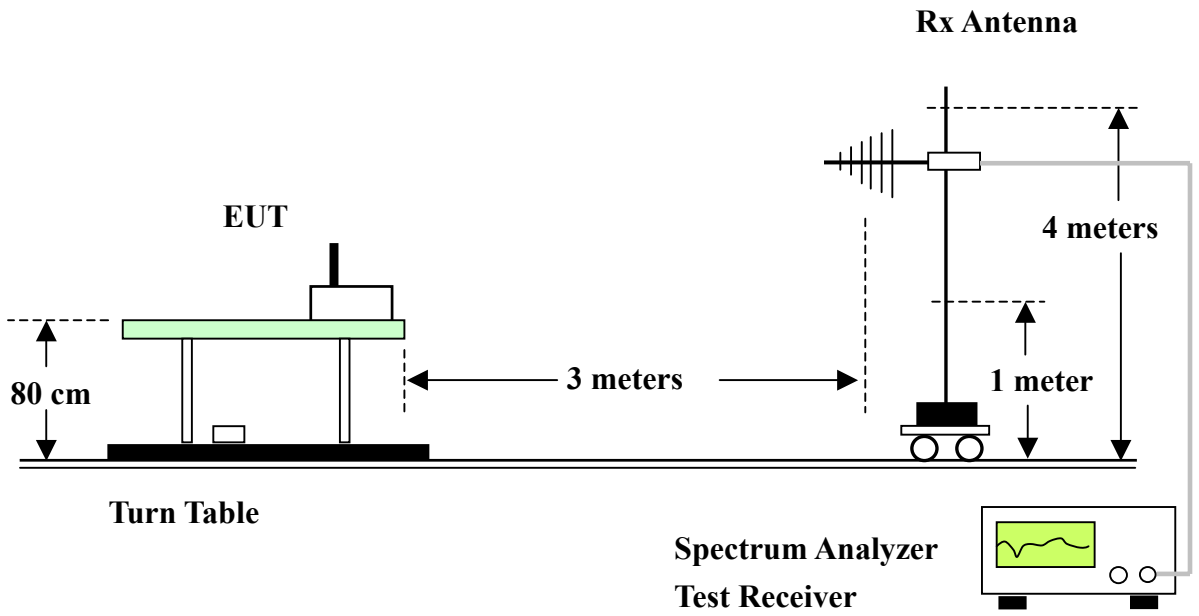
5.1.1 Measuring Instruments

Item 1~9 of the table on section 7.

5.1.2 Test Procedures

1. Configure the EUT according to ANSI C63.4.
2. The EUT was placed on the top of the turn table 0.8 meter above ground.
3. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turn table.
4. Power on the EUT and all the supporting units.
5. The turn table was rotated by 360 degrees to determine the position of the highest radiation.
6. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emission field strength of both horizontal and vertical polarization.
7. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turn table was rotated (from 0 degree to 360 degrees) to find the maximum reading.
8. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
9. For emission above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.

5.1.3 Test Setup Layout



5.1.4 Test Result

Test Channel	CH 00	Temperature	24 deg. C	Tested By	Steve Chen
Frequency	2412MHz	Humidity	65%		

A) Polarization: Horizontal

Frequency (MHz)	Level (dBuV/m)	Read Level (dBuV)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Limit Line (dBuV/m)	Detect Mode
2410.500	94.76	105.97	28.20	1.74	41.15	114	Peak
2410.500	89.91	101.12	28.20	1.74	41.15	94	AV

(B) Polarization: Vertical

Frequency (MHz)	Level (dBuV/m)	Read Level (dBuV)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Limit Line (dBuV/m)	Detect Mode
2410.500	97.68	108.89	28.20	1.74	41.15	114	Peak
2410.500	92.54	103.75	28.20	1.74	41.15	94	AV

Test Channel	CH 03	Temperature	24 deg. C	Tested By	Steve Chen
Frequency	2432MHz	Humidity	65%		

A) Polarization: Horizontal

Frequency (MHz)	Level (dBuV/m)	Read Level (dBuV)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Limit Line (dBuV/m)	Detect Mode
2443.400	96.18	107.30	28.28	1.77	41.17	114	Peak
2443.400	91.26	102.38	28.28	1.77	41.17	94	AV

(B) Polarization: Vertical

Frequency (MHz)	Level (dBuV/m)	Read Level (dBuV)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Limit Line (dBuV/m)	Detect Mode
2440.450	94.04	105.16	28.28	1.77	41.17	114	Peak
2440.450	89.04	100.16	28.28	1.77	41.17	94	AV

Test Channel	CH 05	Temperature	24 deg. C	Tested By	Steve Chen
Frequency	2452MHz	Humidity	65%		

A) Polarization: Horizontal

Frequency (MHz)	Level (dBuV/m)	Read Level (dBuV)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Limit Line (dBuV/m)	Detect Mode
2463.250	95.98	107.04	28.34	1.79	41.19	114	Peak
2463.250	91.13	102.37	28.34	1.79	41.19	94	AV

(B) Polarization: Vertical

Frequency (MHz)	Level (dBuV/m)	Read Level (dBuV)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Limit Line (dBuV/m)	Detect Mode
2460.450	93.37	104.44	28.33	1.78	41.18	114	Peak
2460.450	88.81	99.88	28.33	1.78	41.18	94	AV

5.2 Test of AC Power Line Conducted Emission

5.2.1 Measuring Instruments

Please reference item 1~7 in chapter 6 for the instruments used for testing.

5.2.2 Test Procedures

1. Configure the EUT according to ANSI C63.4.
2. The EUT has to be placed 0.4 meter far from the conducting wall of the shielding room and at least 80 centimeters from any other grounded conducting surface.
3. Connect EUT to the power mains through a line impedance stabilization network (LISN).
4. All the support units are connected to the other LISNs. The LISN should provides 50uH/50ohms coupling impedance.
5. The frequency range from 150 KHz to 30 MHz was searched.
6. Use the Channel & Power Controlling software to make the EUT working on selected channel and expected output power, then use the “H” Patter Generator software to make the supporting equipments stay on working condition.
7. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
8. The measurement has to be done between each power line and ground at the power terminal for each RF channel. Only one RF channel has to be investigated since this test is independent with the RF channel selection.

5.2.3 Test Result of Conducted Emission

Test Mode	EUT powered by charger	Tested By	Brian Lin
Temperature / Humidity	26 deg. C / 44%		

Line to Ground

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1507970	30.11	-25.85	55.96	30.00	0.10	0.01	Average
2	0.1507970	42.57	-23.39	65.96	42.46	0.10	0.01	QP
3	0.2162030	33.72	-19.24	52.96	33.61	0.10	0.01	Average
4	0.2162030	45.81	-17.15	62.96	45.70	0.10	0.01	QP
5	0.2893470	38.23	-22.31	60.54	38.11	0.10	0.02	QP
6	0.2893470	26.54	-24.00	50.54	26.42	0.10	0.02	Average
7	0.4351090	29.55	-17.60	47.15	29.43	0.10	0.02	Average
8	0.4351090	31.80	-25.35	57.15	31.68	0.10	0.02	QP
9	0.5761930	30.27	-25.73	56.00	30.14	0.10	0.03	QP
10	0.5761930	25.99	-20.01	46.00	25.86	0.10	0.03	Average
11	28.450	39.86	-20.14	60.00	39.18	0.44	0.24	QP
12	28.450	31.64	-18.36	50.00	30.96	0.44	0.24	Average

Neutral to Ground

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1515980	29.39	-26.52	55.91	29.28	0.10	0.01	Average
2	0.1515980	41.90	-24.01	65.91	41.79	0.10	0.01	QP
3	0.2162030	37.60	-15.36	52.96	37.49	0.10	0.01	Average
4	0.2162030	47.72	-15.24	62.96	47.61	0.10	0.01	QP
5	0.2915130	38.07	-22.41	60.48	37.95	0.10	0.02	QP
6	0.2915130	29.87	-20.61	50.48	29.75	0.10	0.02	Average
7	0.3614020	34.79	-23.91	58.70	34.67	0.10	0.02	QP
8	0.3614020	27.06	-21.64	48.70	26.94	0.10	0.02	Average
9	2.540	30.47	-25.53	56.00	30.33	0.10	0.04	QP
10	2.540	21.67	-24.33	46.00	21.53	0.10	0.04	Average
11	28.000	34.43	-25.57	60.00	33.68	0.52	0.23	QP
12	28.000	25.35	-24.65	50.00	24.60	0.52	0.23	Average

Test Engineer : _____
Brian Lin

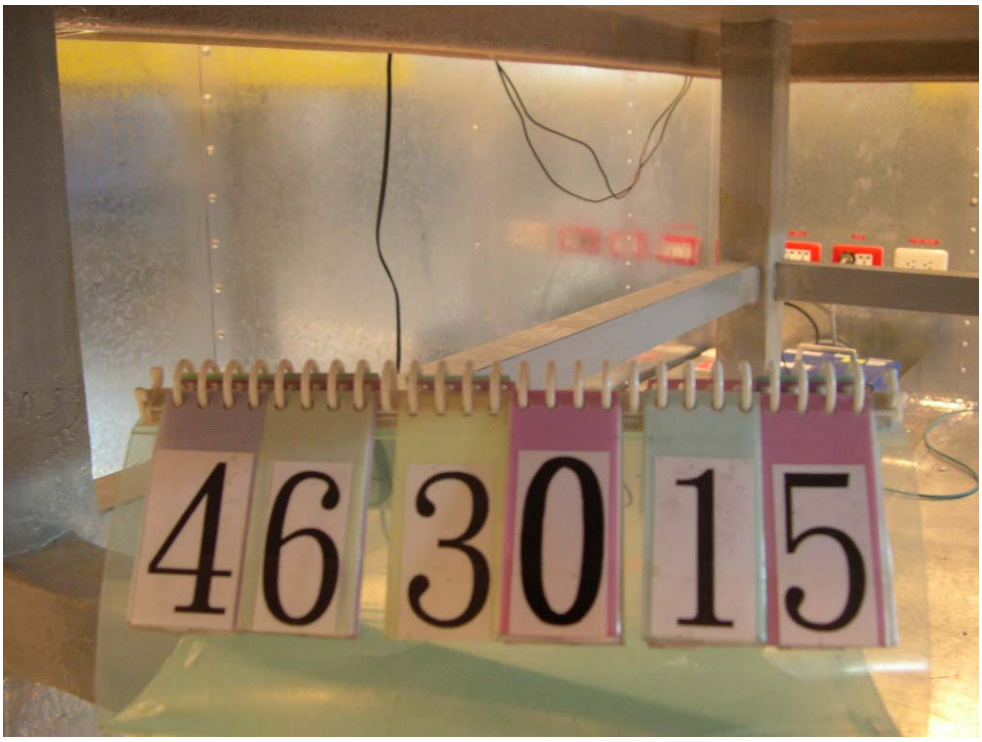
5.2.4 Photographs of Conducted Emission Test Configuration

- The photographs show the configuration that generates the maximum emission.

FRONT VIEW

REAR VIEW

SIDE VIEW



5.3 Test of Radiated Emission

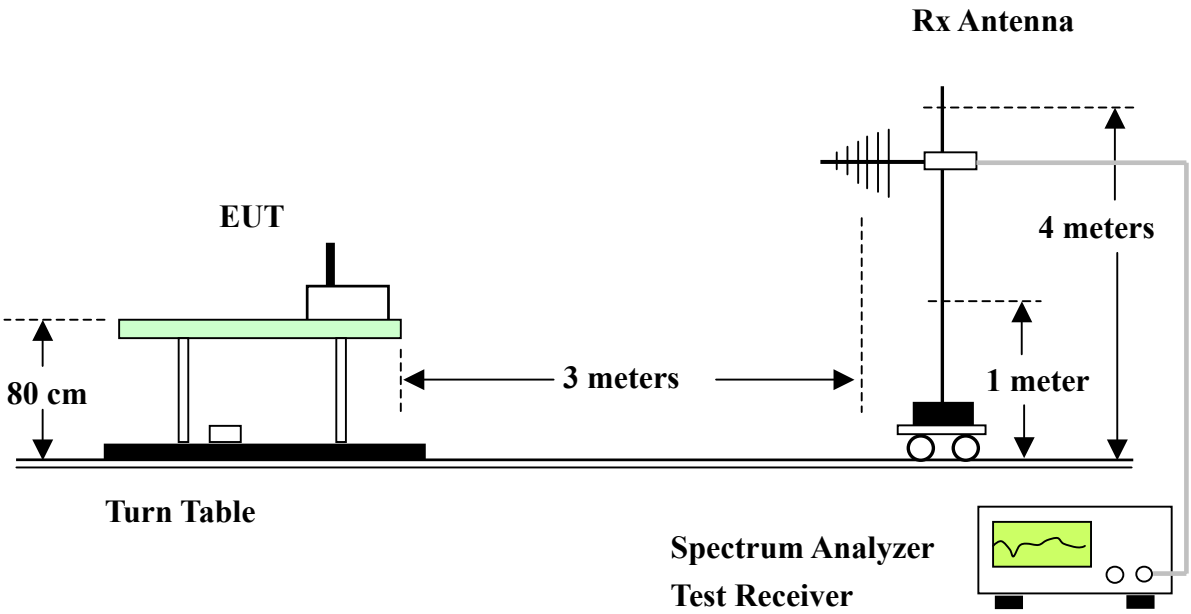
5.3.1 Measuring Instruments

Item 1~9 of the table on section 7.

5.3.2 Test Procedures

1. Configure the EUT according to ANSI C63.4.
2. The EUT was placed on the top of the turn table 0.8 meter above ground.
3. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turn table.
4. Power on the EUT and all the supporting units.
5. The turn table was rotated by 360 degrees to determine the position of the highest radiation.
6. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emission field strength of both horizontal and vertical polarization.
7. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turn table was rotated (from 0 degree to 360 degrees) to find the maximum reading.
8. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
9. For emission above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
10. If the emission level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz and average method for above the 1GHz. the reported.
11. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB higher than average limit(that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

5.3.3. Test Setup Layout



5.3.4 Test Results and Limit

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Test Mode	RF LINK (CH 05)	**Temperature**	24 deg. C	**Tested By**	Steve Chen
Freq. Range	30MHz~1GHz	**Humidity**	65%		

(A) Polarization: Horizontal

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1		55.670	16.95	-23.05	40.00	33.41	10.26	1.27	27.99	Peak	---	---
2		85.590	17.32	-22.68	40.00	34.02	9.65	1.58	27.93	Peak	---	---
3		163.110	17.23	-26.27	43.50	29.82	12.86	2.32	27.77	Peak	---	---
1		620.800	36.11	-9.89	46.00	41.45	18.91	4.53	28.78	Peak	---	---
2	!	892.800	40.17	-5.83	46.00	41.47	21.71	5.32	28.33	Peak	148	123
3		970.400	41.57	-12.43	54.00	42.15	22.00	5.65	28.23	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	55.500	13.96	-26.04	40.00	30.44	10.25	1.26	27.99	Peak	---	---
2	77.430	13.93	-26.07	40.00	31.10	9.26	1.51	27.94	Peak	---	---
3	85.590	12.75	-27.25	40.00	29.45	9.65	1.58	27.93	Peak	---	---
1	582.400	36.17	-9.83	46.00	42.12	18.57	4.26	28.78	Peak	---	---
2	892.800	35.35	-10.65	46.00	37.31	21.05	5.32	28.33	Peak	---	---
3	970.400	37.22	-16.78	54.00	37.80	22.00	5.65	28.23	Peak	---	---

Test Mode	CH 00 (2412MHz)	Temperature	24 deg. C	Tested By	Steve Chen
Freq. Range	1GHz~25GHz	Humidity	65%		

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1046.000	40.07	-13.93	54.00	56.58	23.95	1.17	41.63	Average	---	---
2	1124.000	36.30	-17.70	54.00	52.58	24.17	1.23	41.68	Average	---	---
3	1238.000	36.29	-17.71	54.00	52.23	24.50	1.31	41.75	Average	---	---
1	4822.000	46.84	-7.16	54.00	54.57	33.23	2.47	43.43	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1396.000	33.57	-20.43	54.00	49.05	24.95	1.42	41.85	Average	---	---
2	2380.000	38.80	-15.20	54.00	51.26	28.11	1.71	42.28	Average	---	---
1	4822.000	48.35	-5.65	54.00	56.08	33.23	2.47	43.43	Average	108	192

Test Mode	CH 03 (2442MHz)	Temperature	24 deg. C	Tested By	Steve Chen
Freq. Range	1GHz~25GHz	Humidity	65%		

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1044.000	47.79	-6.21	54.00	64.31	23.94	1.17	41.63	Average	106	124
2	1238.000	44.62	-9.38	54.00	60.56	24.50	1.31	41.75	Average	---	---
3	2444.000	45.84	-8.16	54.00	58.08	28.28	1.77	42.29	Average	---	---
1	3494.000	41.54	-12.46	54.00	50.76	31.31	1.97	42.50	Average	---	---
2	3628.000	41.74	-12.26	54.00	50.57	31.69	2.01	42.53	Average	---	---
3	4884.000	47.13	-6.87	54.00	54.74	33.37	2.51	43.49	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1198.000	40.35	-13.65	54.00	56.48	24.38	1.22	41.73	Average	---	---
2	1470.000	39.73	-14.27	54.00	55.00	25.16	1.46	41.89	Average	---	---
3	2444.000	44.23	-9.77	54.00	56.47	28.28	1.77	42.29	Average	---	---
1	3356.000	41.47	-12.53	54.00	50.80	31.00	2.14	42.47	Average	---	---
2	4884.000	47.02	-6.98	54.00	54.63	33.37	2.51	43.49	Average	---	---

Test Mode	CH 05 (2462MHz)	Temperature	24 deg. C	Tested By	Steve Chen
Freq. Range	1GHz~25GHz	Humidity	65%		

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1044.000	47.25	-6.75	54.00	63.77	23.94	1.17	41.63	Average	---	---
2	1198.000	41.64	-12.36	54.00	57.77	24.38	1.22	41.73	Average	---	---
3	1238.000	44.73	-9.27	54.00	60.67	24.50	1.31	41.75	Average	---	---
1	4924.000	47.56	-6.44	54.00	55.16	33.46	2.47	43.53	Average	102	181

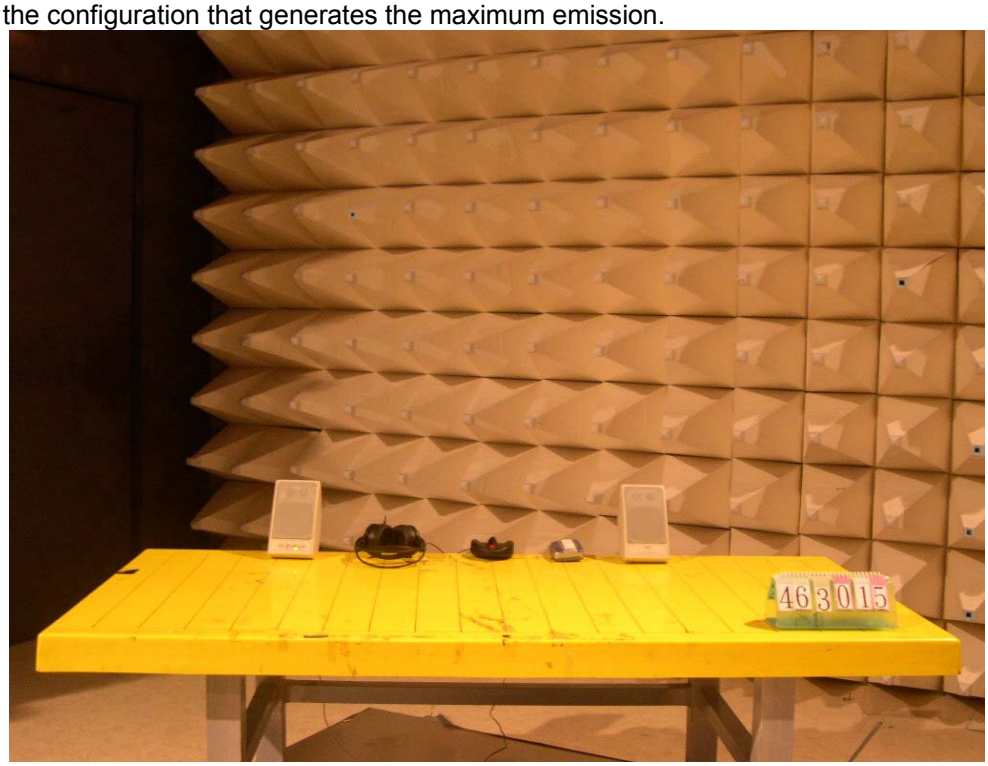
(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1044.000	41.38	-12.62	54.00	57.90	23.94	1.17	41.63	Average	---	---
2	1238.000	39.53	-14.47	54.00	55.47	24.50	1.31	41.75	Average	---	---
3	2460.000	41.62	-12.38	54.00	53.80	28.33	1.78	42.29	Average	---	---
1	3868.000	42.07	-11.93	54.00	50.07	32.37	2.20	42.57	Average	---	---
2	4926.000	46.61	-7.39	54.00	54.21	33.46	2.47	43.53	Average	---	---

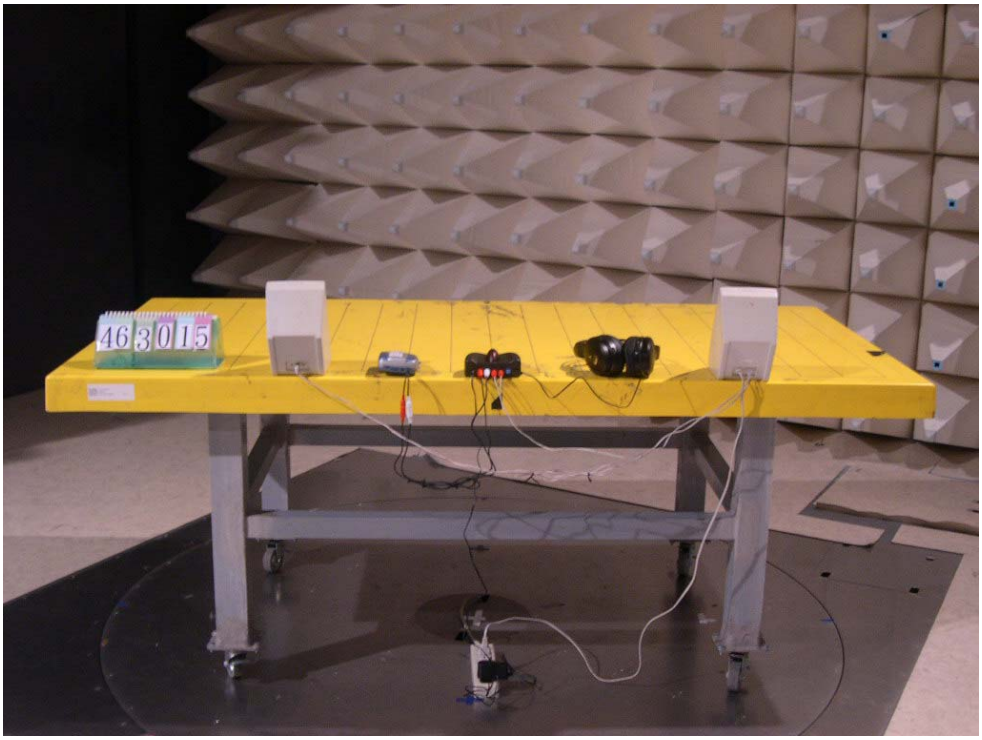
5.3.5 Photographs of Radiated Emission Test Configuration

- The photographs show the configuration that generates the maximum emission.

FRONT VIEW



REAR VIEW



6 Antenna Requirements

6.1 Standard Applicable

47 CFR Part15 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.

47 CFR Part15 Section 15.235 (c):

The antenna shall be a single element, one meter or less in length, permanently mounted on the enclosure containing the device.

6.2 Antenna Construction

The antenna used in this device is dipole antenna, there is no antenna connector.

7 List of Measuring Equipments Used

Items	Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
1	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	Jun. 21, 2004	Radiation (03CH03-HY)
2	Spectrum analyzer	R&S	FSP40	100004	9KHZ~40GHz	Aug. 23, 2003	Radiation (03CH03-HY)
3	Amplifier	HP	8447D	2944A09072	100KHz – 1.3GHz	Nov. 05, 2003	Radiation (03CH03-HY)
4	Biconical Antenna	SCHWARZBECK	VHBB 9124	301	30MHz –200MHz	Jul. 28, 2004	Radiation (03CH03-HY)
5	Log Antenna	SCHWARZBECK	VUSLP 9111	221	200MHz -1GHz	Jul. 28, 2004	Radiation (03CH03-HY)
6	RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	Dec. 03, 2003	Radiation (03CH03-HY)
7	Amplifier	MITEQ	AFS44	849984	100MHz~26.5GHz	Mar. 26, 2004	Radiation (03CH03-HY)
8	Horn Antenna	EMCO	3115	6821	1GHz – 18GHz	Sep. 12, 2003	Radiation (03CH03-HY)
9	Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	Radiation (03CH03-HY)
10	Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)
11	Horn Antenna	Schwarzbeck	BBHA9170	154	15GHz~40GHz	Jun. 09, 2004	Radiation (03CH03-HY)
12	RF Cable-HIGH	Jye Bao	RG142	CB030-HIGH	1GHz~29.5GHz	Dec. 05, 2003	Radiation (03CH03-HY)

※ Calibration Interval of instruments listed above is one year.

Items	Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
1	Spectrum analyzer	R&S	FSP7	838858/014	9KHZ~7GHZ	Sep. 03, 2003	Conducted (TH01-HY)
2	Power meter	R&S	NRVS	100967	DC~40GHz	Mar. 02, 2004	Conducted (TH01-HY)
3	Power sensor	R&S	NRV-Z51	100666	DC~40GHz	Mar 18, 2004	Conducted (TH01-HY)
4	Power Sensor	R&S	NRV-Z32	836953/060	30MHz-6GHz	Mar. 11, 2004	Conducted (TH01-HY)
5	AC power source	G.W.	GPC-6030D	C671845	DC 1V~60V	Nov. 06, 2003	Conducted (TH01-HY)
6	Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Oct. 01, 2003	Conducted (TH01-HY)
7	RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz~7GHz	Jan. 01, 2004	Conducted (TH01-HY)
8	RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz~1GHz	Jan. 01, 2004	Conducted (TH01-HY)

※ Calibration Interval of instruments listed above is one year.

APPENDIX A. Photographs of EUT

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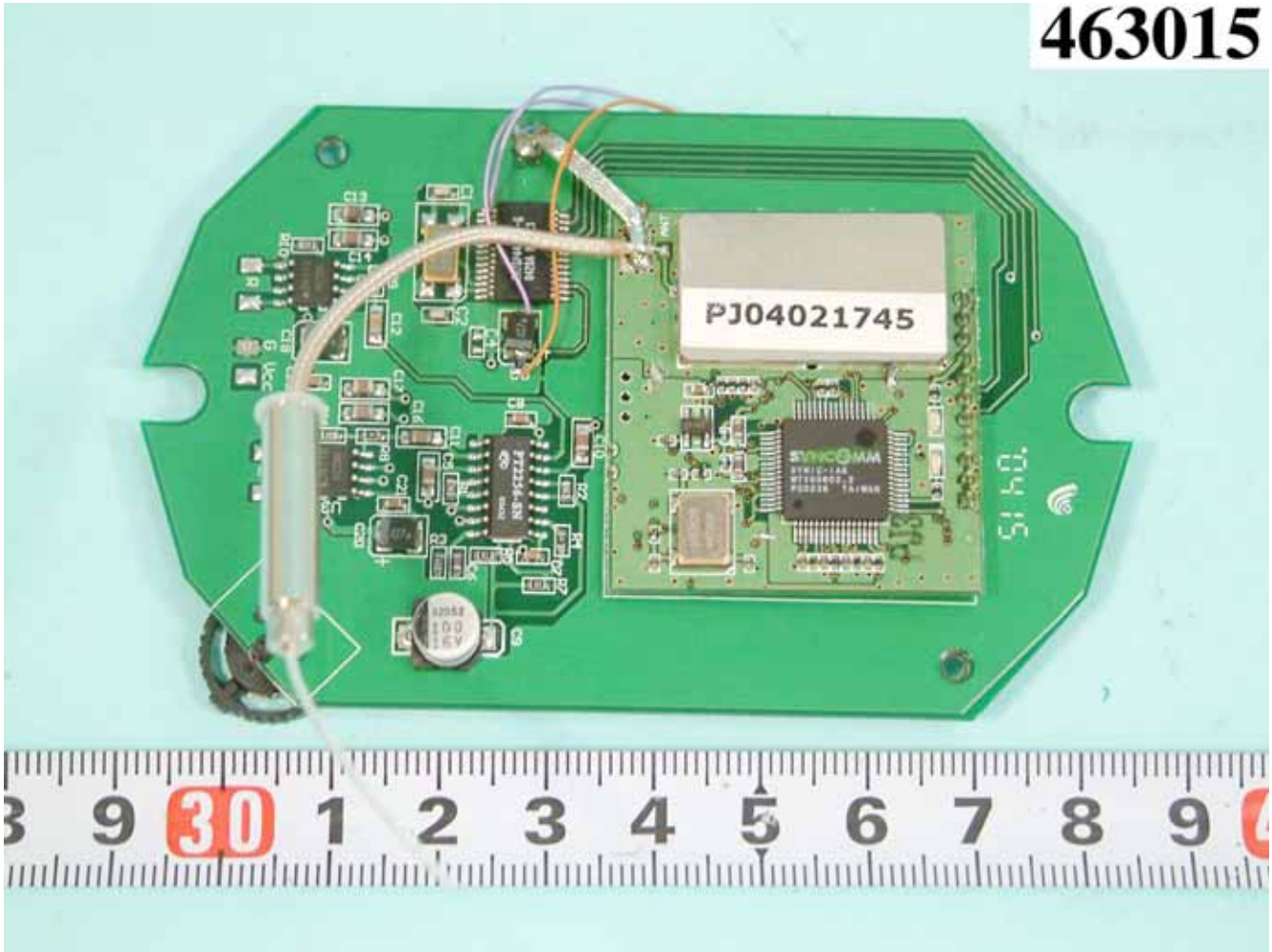
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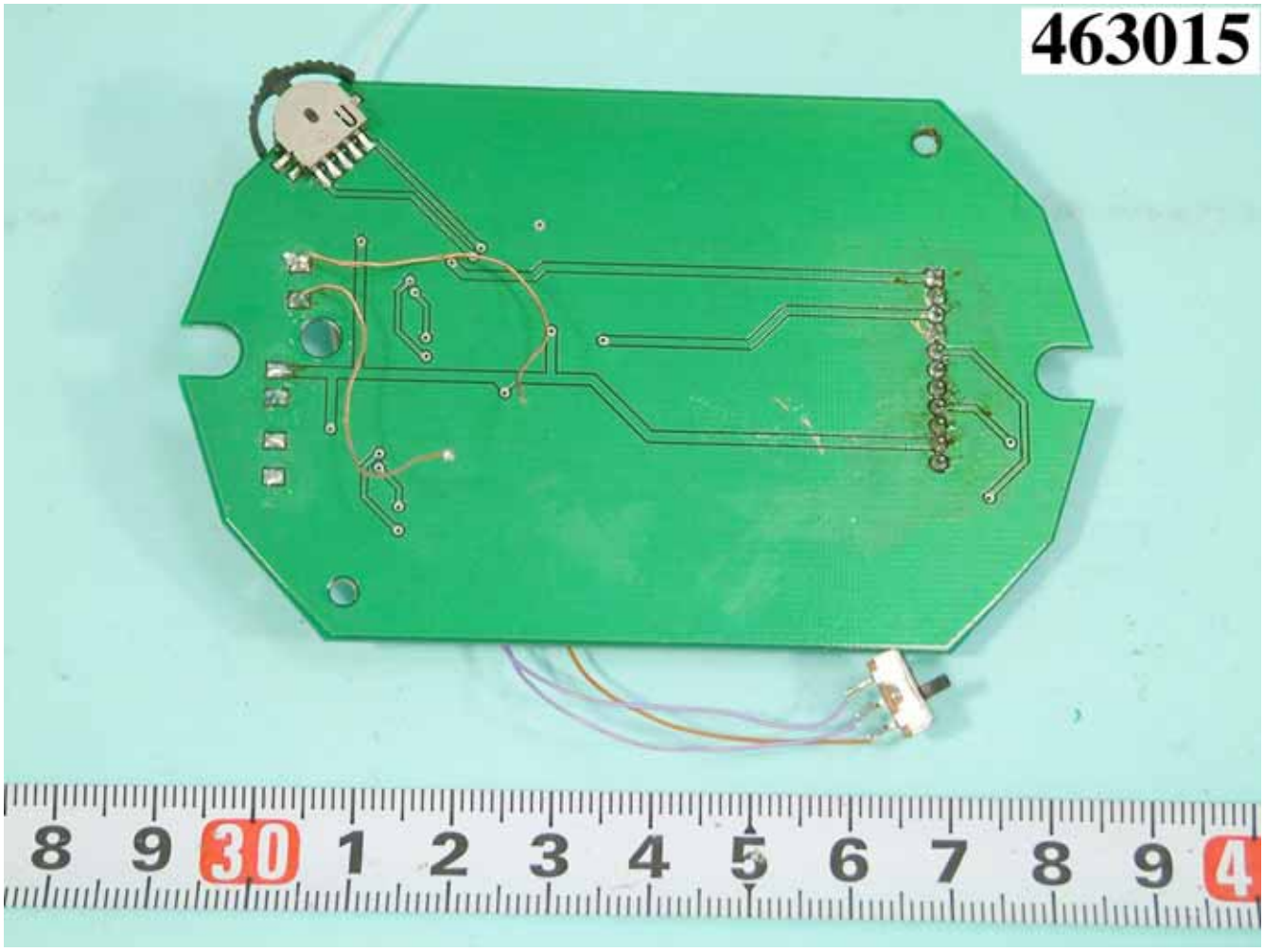
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MADE IN TAIWAN

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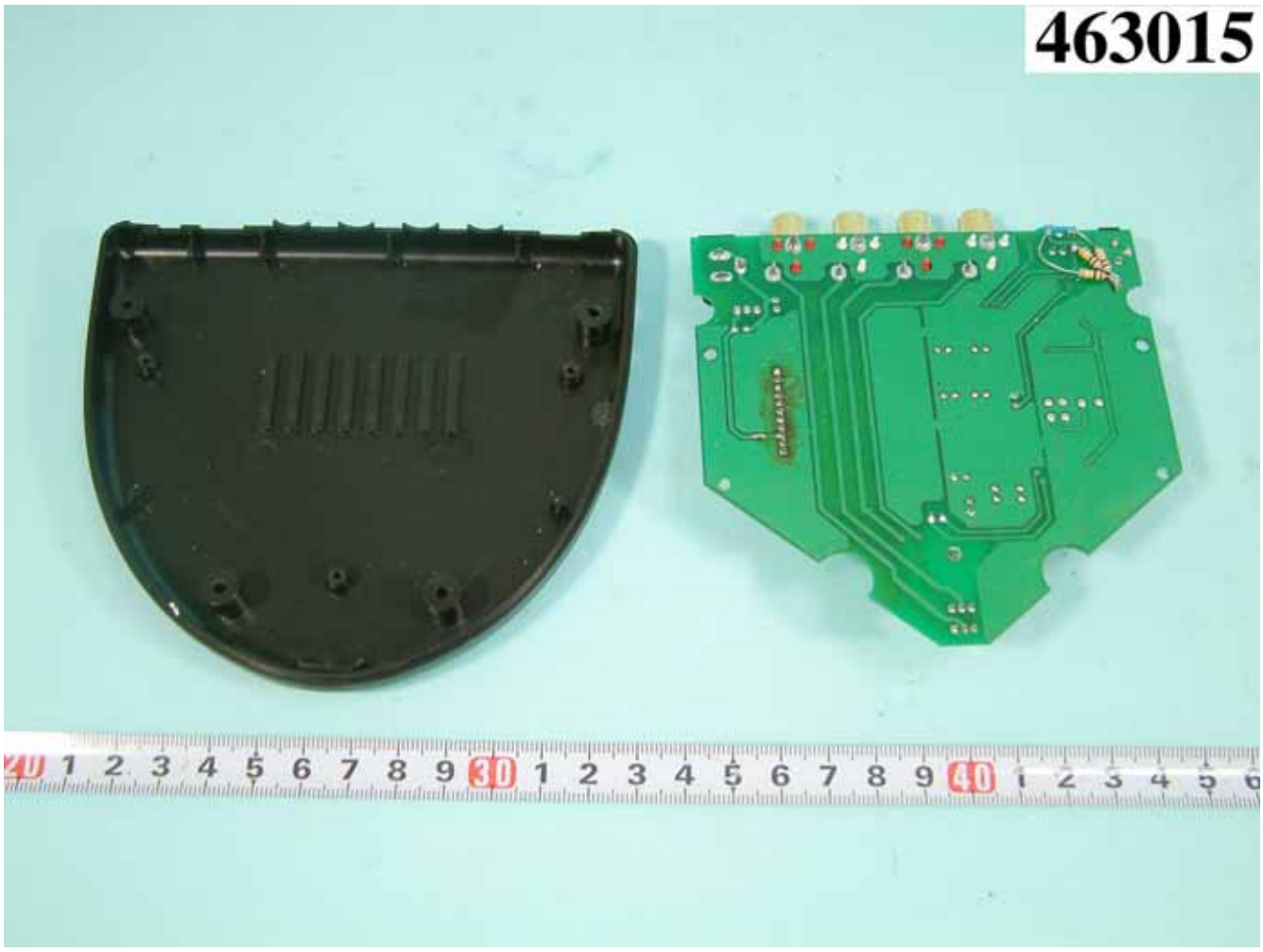
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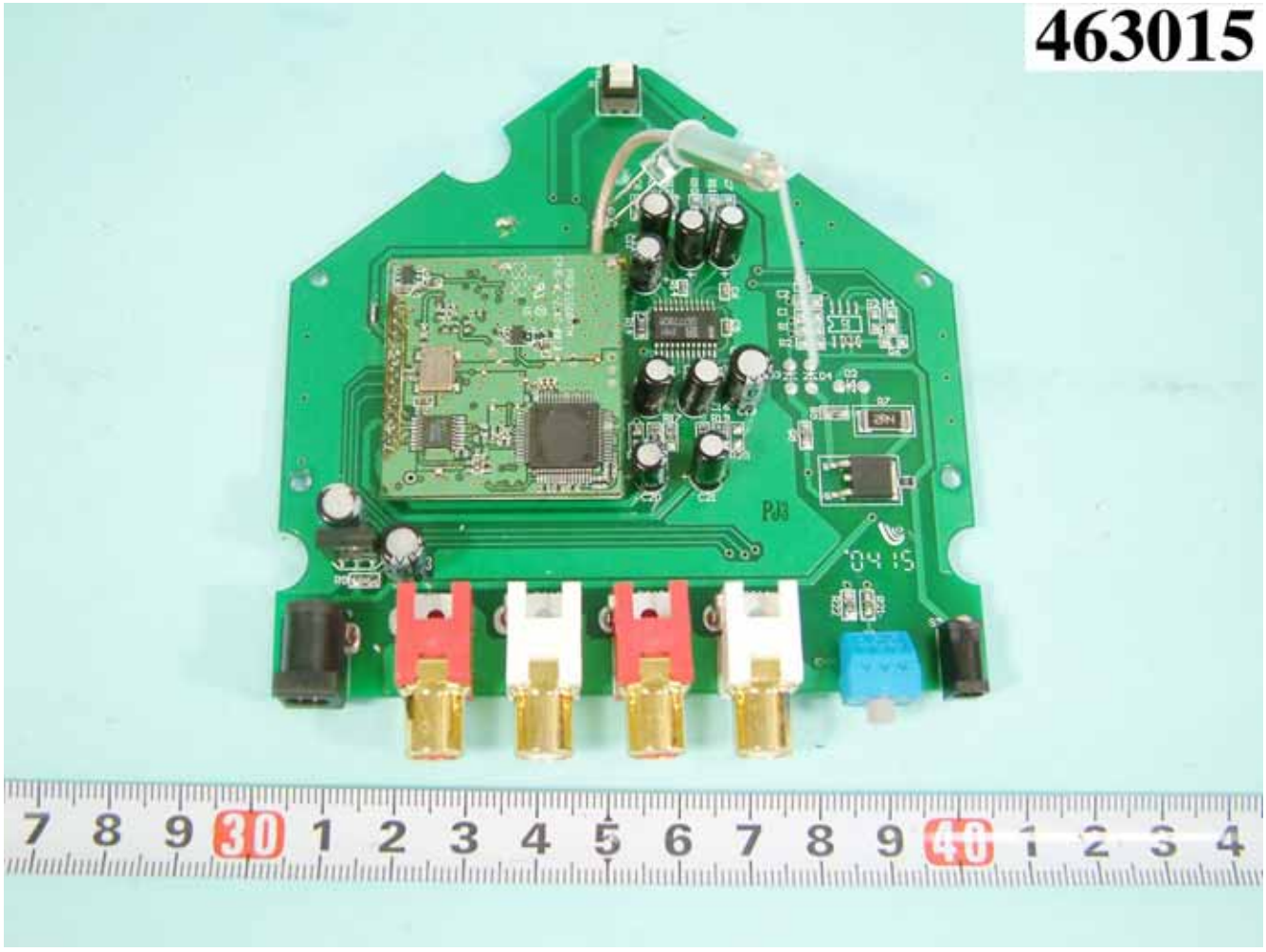
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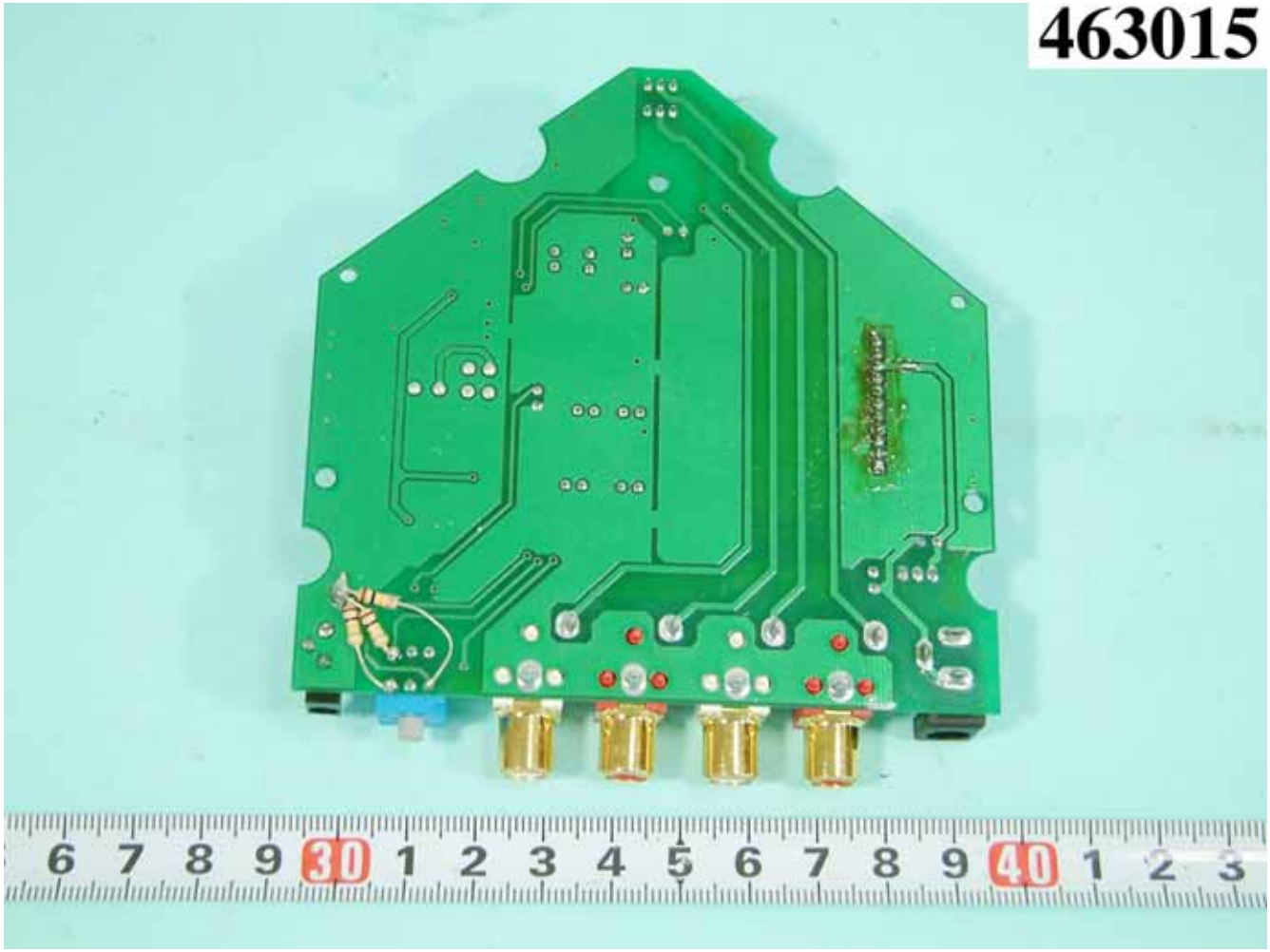
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LEADER ELECTRONICS INC.
I.T.E. POWER SUPPLY
MODEL NO.:MU12-2050100-C5
INPUT:100V-240V~
50/60Hz 0.5A
OUTPUT:5V ⎓ 1.0A
LEI-4
MADE IN CHINA EL

463015

463015

463015
LEADER ELECTRONICS INC.
I.T.E. POWER SUPPLY
MODEL NO.:MU12-2050100-A1
INPUT:100V-240V~
50/60Hz 0.5A
OUTPUT:5V ⎓ 1.0A
C UL US
LISTED
3G74
E138754
LEI-4
MADE IN CHINA EL

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