APPLICATION CERTIFICATION FCC Part 15C
On Behalf of

XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD

Massage Chair

Model No.: EC-625B, OG 6250

FCC ID: YMX-EC625B

Prepared for	:	XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD
Address	:	(5/F) NO.168, QIANPU ROAD, SIMING DISTRICT, XIAMEN, CHINA
Prepared by	:	Shenzhen Accurate Technology Co., Ltd.
Address	:	1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China
		Tel: (0755) 26503290 Fax: (0755) 26503396

New Report No.	:	ATE20172210 002
Original Report No.	:	ATE20172210
Date of Original Test	:	Nov. 09, 2017-Dec. 04, 2017
Date of new Test	:	Jan. 06, 2018-Jan. 24, 2018
Date of Report Rev. 1	:	Dec. 05, 2017
Date of Report Rev. 2	:	Jan. 25, 2018

TABLE OF CONTENTS

Description Page

Test Report Certification
1. GENERAL INFORMATION 4
1.1. Description of Device (EUT) 4
1.2. Carrier Frequency of Channels 5
1.3. Special Accessory and Auxiliary Equipment 5
1.4. Description of Test Facility 5
1.5. Measurement Uncertainty 6
2. DESCRIPTION OF VERSION 7
3. MEASURING DEVICE AND TEST EQUIPMENT 8
4. OPERATION OF EUT DURING TESTING 9
4.1. Operating Mode 9
4.2. Configuration and peripherals 9
5. TEST PROCEDURES AND RESULTS 10
6. POWER LINE CONDUCTED MEASUREMENT 11
6.1. Block Diagram of Test Setup 11
6.2. Power Line Conducted Emission Measurement Limits 12
6.3. Configuration of EUT on Measurement 12
6.4. Operating Condition of EUT 12
6.5. Test Procedure 12
6.6. Data Sample 13
6.7. Power Line Conducted Emission Measurement Results 13
7. RADIATED SPURIOUS EMISSION TEST 16
7.1. Block Diagram of Test Setup 16
7.2. The Limit For Section 15.247(d) 17
7.3. Restricted bands of operation 18
7.4. Configuration of EUT on Measurement 18
7.5. Operating Condition of EUT 19
7.6. Test Procedure 19
7.7. Data Sample 20
7.8. The Field Strength of Radiation Emission Measurement Results 20

Test Report Certification

Applicant	:	XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD
Manufacturer	:	XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD
EUT Description	:	Massage Chair
Model No.	:	EC-625B, OG 6250
Trade Name	:	N/A

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247
ANSI C63.10: 2013

The EUT was tested according to DTS test procedure of Apr 05, 2017 KDB558074 D01 DTS Meas Guidance v04 for compliance to FCC 47CFR 15.247 requirements

The device described above is tested by Shenzhen Accurate Technology Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.247 limits. The measurement results are contained in this test report and Shenzhen Accurate Technology Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Shenzhen Accurate Technology Co., Ltd.

Date of Original Test :	Nov. 09, 2017-Dec. 04, 2017
Date of NEW Test :	Jan. 06, 2018-Jan. 24, 2018
Date of Report REV.1 :	Dec. 05, 2017
Date of Report REV.2 :	Jan. 25, 2018

Prepared by : _____
(Tim[illegible]g Engineer)

Approved & Authorized Signer : _____
(Sean Liu, Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	Massage Chair
Model Number	:	EC-625B, OG 6250 (Note: We hereby state that these models are identical in interior structure, electrical circuits and components, and just model names are different for the marketing requirement. So we prepare the EC-625B for test.)
Bluetooth version	:	BT V4.0 LE
Frequency Range	:	2402MHz-2480MHz
Number of Channels	:	40
Antenna Gain	:	2dBi
Antenna type	:	PCB Antenna
Power Supply	:	AC 120V/60Hz
Modulation mode	:	GFSK
Applicant	:	XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD
Address	:	(5/F) NO.168, QIANPU ROAD, SIMING DISTRICT, XIAMEN, CHINA
Manufacturer	:	XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD
Address	:	(5/F) NO.168, QIANPU ROAD, SIMING DISTRICT, XIAMEN, CHINA
Date of sample received	:	Jan. 06, 2018
Date of Test	:	Jan. 06, 2018-Jan. 24, 2018

1.2.Carrier Frequency of Channels

Channel	Frequceny (MHz)	Channel	Frequceny (MHz)	Channel	Frequceny (MHz)	Channe l	Frequceny (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

1.3.Special Accessory and Auxiliary Equipment

PC : Manufacturer: LENOVO
M/N: 4290-RT8
S/N: R9-FW93G 11/08

1.4.Description of Test Facility

EMC Lab : Recognition of accreditation by Federal Communications Commission (FCC)
The Designation Number is CN1189
The Registration Number is 708358

Listed by Innovation, Science and Economic Development Canada (ISEDC)
The Registration Number is 5077A-2

Accredited by China National Accreditation Service for Conformity Assessment (CNAS)
The Registration Number is CNAS L3193

Accredited by American Association for Laboratory Accreditation (A2LA)
The Certificate Number is 4297.01

Name of Firm : Shenzhen Accurate Technology Co., Ltd.

Site Location : 1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China

1.5.Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	=	4.06dB, k=2

2. DESCRIPTION OF VERSION

Edition No.	Date of Rev.	Summary	Report No.
REV.1	Dec. 5, 2017	Original Report	ATE20172210
REV.2	Jan. 25, 2018	Replace motherboard	ATE20172210 002

Remark for Rev. 2

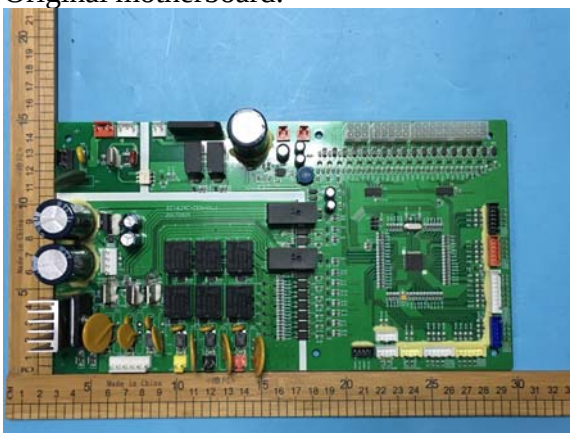
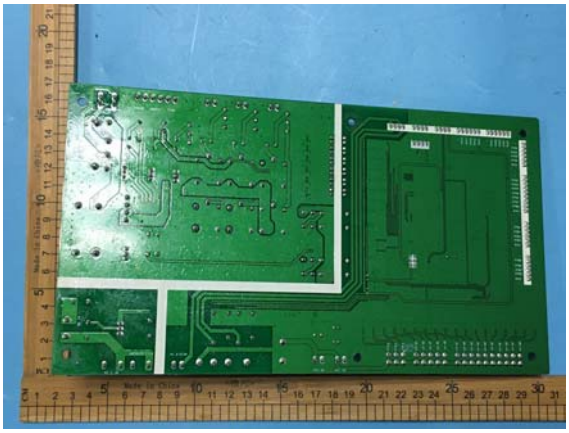
1. This report is an additional version with original report number ATE20172210. The different with original report please see the above table of REV.2.

2. Compared with the original report ATE20172210, Conducted Emission and Radiated emission(Below 1GHz) is need to retest, other test data and test pictures would refer to Original Report ATE20172210.

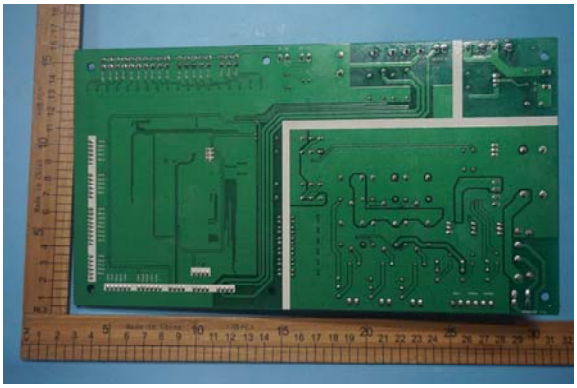
3. This report is based on report of ATE20172210.

4. For testing items not reflected in this report, Please refer to the original report.

Original motherboard:

Replace motherboard:

Note: The circuits and software programs of two motherboards are differently.

3. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 06, 2018	1 Year
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 06, 2018	1 Year
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 06, 2018	1 Year
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 06, 2018	1 Year
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 06, 2018	1 Year
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 06, 2018	1 Year
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 06, 2018	1 Year
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 06, 2018	1 Year
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 06, 2018	1 Year
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 06, 2018	1 Year
Highpass Filter	Wainwright Instruments	WHKX3.6/18G-10SS	N/A	Jan. 06, 2018	1 Year
Band Reject Filter	Wainwright Instruments	WRCG2400/2485-2375/2510-60/11SS	N/A	Jan. 06, 2018	1 Year

4. OPERATION OF EUT DURING TESTING

4.1.Operating Mode

The mode is used: **BLE Transmitting mode**
Low Channel: 2402MHz
Middle Channel: 2440MHz
High Channel: 2480MHz

4.2.Configuration and peripherals

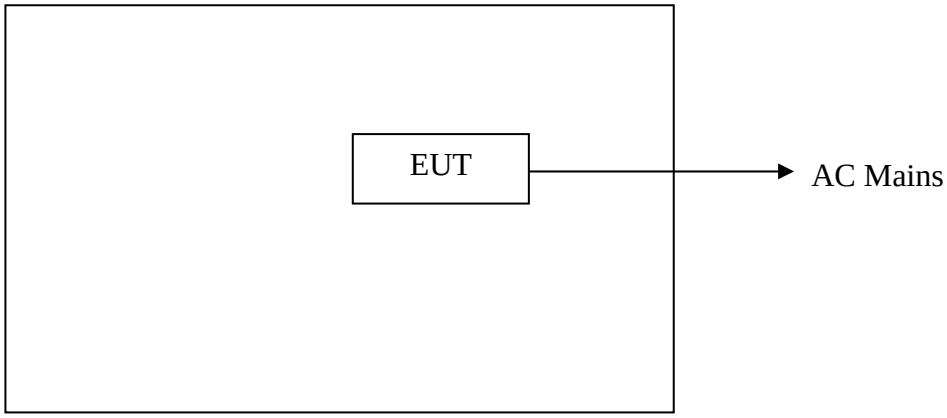


Figure 1 Setup: Transmitting mode

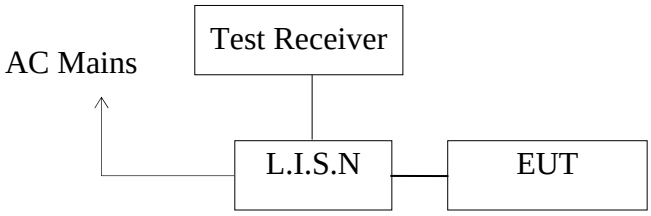
5. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.247(a)(2)	6dB Bandwidth Test	refer to the original report
Section 15.247(e)	Power Spectral Density Test	refer to the original report
Section 15.247(b)(3)	Maximum Peak Output Power Test	refer to the original report
Section 15.247(d)	Band Edge Compliance Test	refer to the original report
Section 15.247(d) Section 15.209	Radiated Spurious Emission Test	Compliant
Section 15.207	AC Power Line Conducted Emission Test	Compliant
Section 15.203	Antenna Requirement	refer to the original report

6. POWER LINE CONDUCTED MEASUREMENT

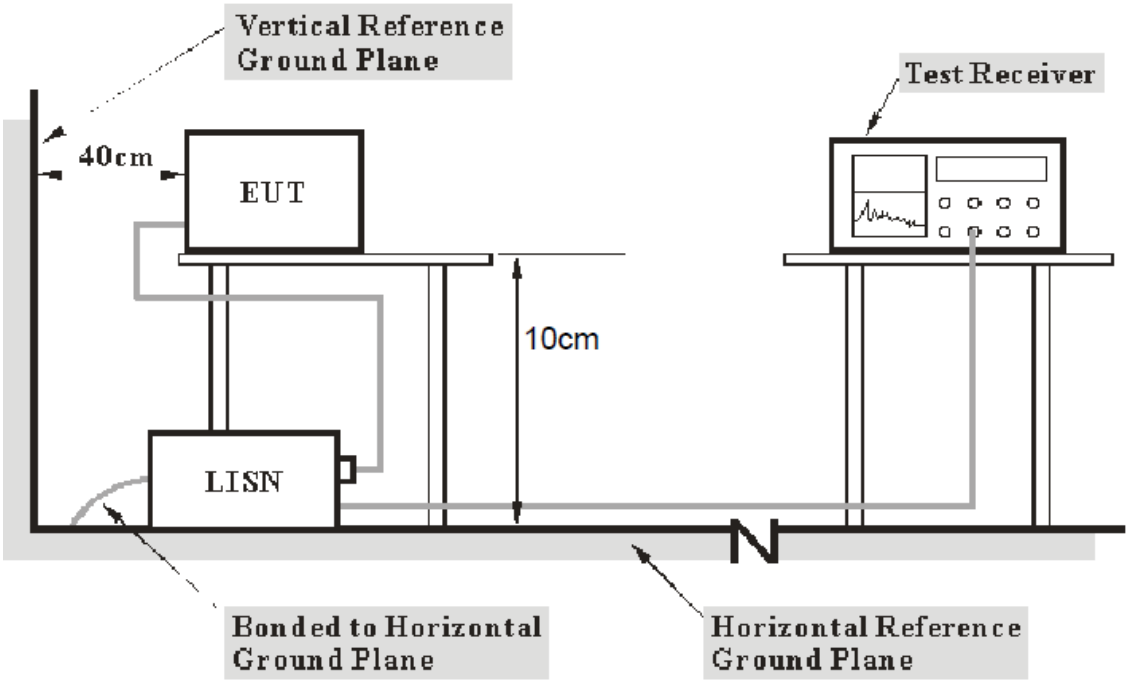
6.1.Block Diagram of Test Setup

6.1.1.Block diagram of connection between the EUT and simulators



(EUT: Massage Chair)

6.1.2.Test System Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 10cm from other units and other metal planes support units.

6.2.Power Line Conducted Emission Measurement Limits

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0
NOTE1: The lower limit shall apply at the transition frequencies. NOTE2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.		

6.3.Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

6.4.Operating Condition of EUT

6.4.1. Setup the EUT and simulator as shown as Section 6.1.

6.4.2. Turn on the power of all equipment.

6.4.3. Let the EUT work in test mode and measure it.

6.5.Test Procedure

The EUT is put on the plane 0.1 m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2013 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9KHz.

The frequency range from 150kHz to 30MHz is checked.

6.6. Data Sample

Frequency (MHz)	Transducer value (dB)	QuasiPeak Level (dBμV)	Average Level (dBμV)	QuasiPeak Limit (dBμV)	Average Limit (dBμV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XX	11.1	34.4	31.2	56.0	46.0	21.6	14.8	Pass

Frequency(MHz) = Emission frequency in MHz
Transducer value(dB) = Insertion loss of LISN + Cable Loss
Level(dBμV) = Quasi-peak Reading/Average Reading + Transducer value
Limit (dBμV) = Limit stated in standard
Margin = Limit (dBμV) - Level (dBμV)

Calculation Formula:
Margin = Limit (dBμV) - Level (dBμV)

6.7. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Maximizing procedure was performed on the six (6) highest emissions of the EUT, Emissions attenuated more than 20 dB below the permissible value are not reported.

All data was recorded in the Quasi-peak and average detection mode.

The spectral diagrams are attached as below.

ACCURATE TECHNOLOGY CO.,LTD

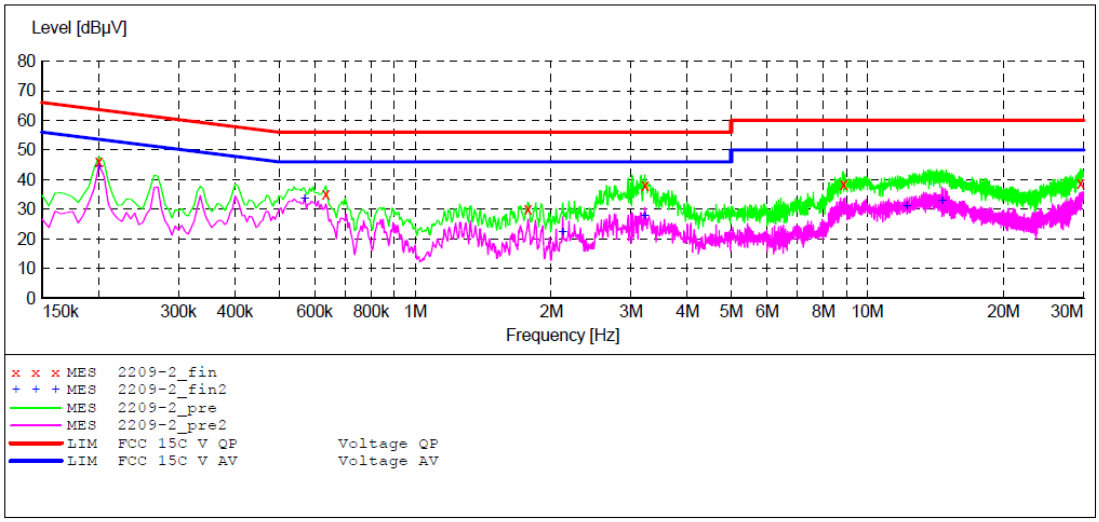
CONDUCTED EMISSION STANDARD FCC PART 15C

EUT: Massage Chair M/N:EC-625B
Manufacturer: XIAMEN COMFORT SCIEN & TECHNOLOGY GROUP CO.,LTD
Operating Condition: BT OPERATION
Test Site: 1#Shielding Room
Operator: Frank
Test Specification: L 120V/60Hz
Comment: Report NO.:ATE20172210 002
Start of Test: 1/16/2018 / 4:17:20PM

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB STD VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "2209-2_fin"

1/16/2018 4:20PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200000	46.00	10.5	64	17.6	QP	L1	GND
0.635000	35.20	10.8	56	20.8	QP	L1	GND
1.775000	30.00	11.0	56	26.0	QP	L1	GND
3.220000	38.10	11.1	56	17.9	QP	L1	GND
8.850000	38.30	11.3	60	21.7	QP	L1	GND
29.590000	38.90	11.5	60	21.1	QP	L1	GND

MEASUREMENT RESULT: "2209-2_fin2"

1/16/2018 4:20PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200000	44.60	10.5	54	9.0	AV	L1	GND
0.570000	33.50	10.7	46	12.5	AV	L1	GND
2.120000	22.40	11.0	46	23.6	AV	L1	GND
3.220000	28.00	11.1	46	18.0	AV	L1	GND
12.220000	31.10	11.3	50	18.9	AV	L1	GND
14.605000	33.10	11.4	50	16.9	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

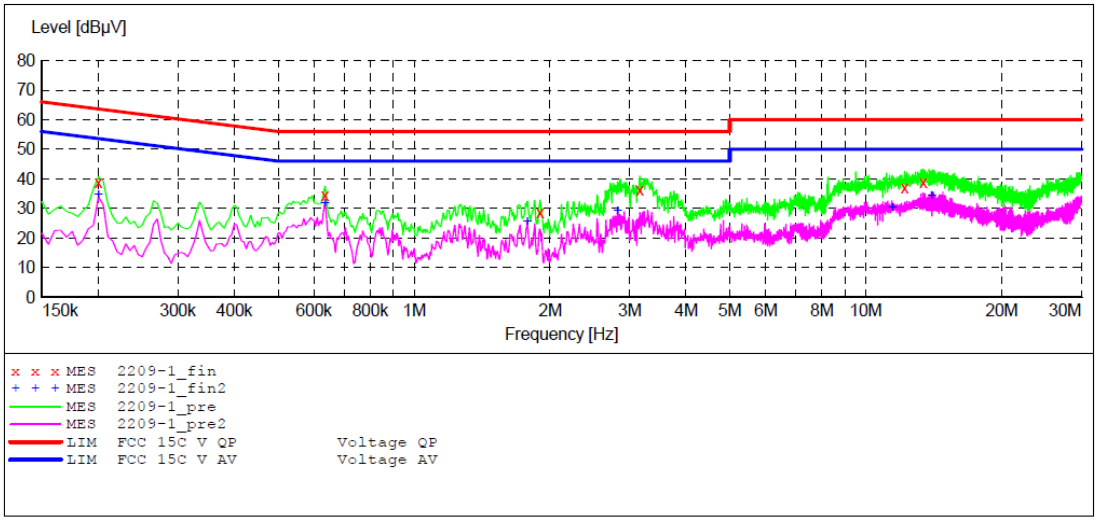
CONDUCTED EMISSION STANDARD FCC PART 15C

EUT: Massage Chair M/N:EC-625B
Manufacturer: XIAMEN COMFORT SCIEN & TECHNOLOGY GROUP CO.,LTD
Operating Condition: BT OPERATION
Test Site: 1#Shielding Room
Operator: Frank
Test Specification: N 120V/60Hz
Comment: Report NO.:ATE20172210 002
Start of Test: 1/16/2018 / 4:15:01PM

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB STD VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak Average	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "2209-1_fin"

1/16/2018 4:15PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200000	38.70	10.5	64	24.9	QP	N	GND
0.635000	34.50	10.8	56	21.5	QP	N	GND
1.900000	28.70	11.0	56	27.3	QP	N	GND
3.160000	36.30	11.1	56	19.7	QP	N	GND
12.190000	36.90	11.3	60	23.1	QP	N	GND
13.390000	38.80	11.3	60	21.2	QP	N	GND

MEASUREMENT RESULT: "2209-1_fin2"

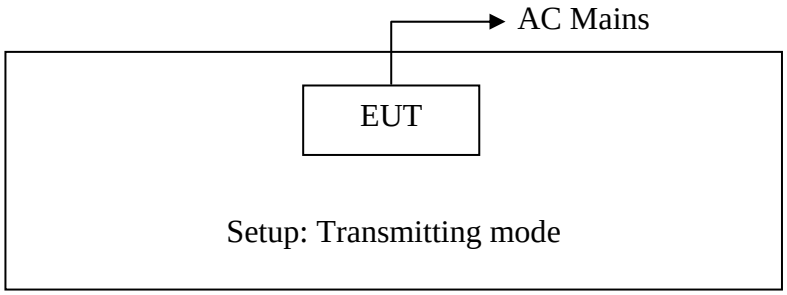
1/16/2018 4:15PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200000	34.60	10.5	54	19.0	AV	N	GND
0.635000	31.90	10.8	46	14.1	AV	N	GND
1.780000	25.60	11.0	46	20.4	AV	N	GND
2.820000	29.20	11.0	46	16.8	AV	N	GND
11.425000	30.40	11.3	50	19.6	AV	N	GND
13.975000	34.40	11.4	50	15.6	AV	N	GND

7. RADIATED SPURIOUS EMISSION TEST

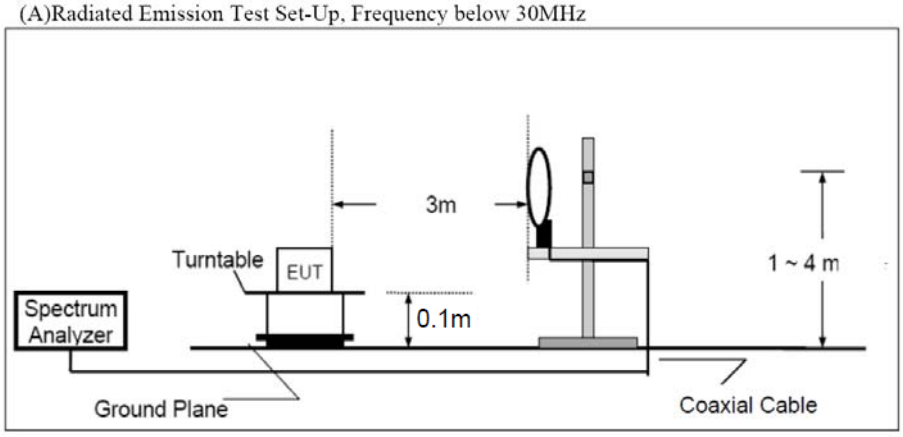
7.1.Block Diagram of Test Setup

7.1.1.Block diagram of connection between the EUT and peripherals

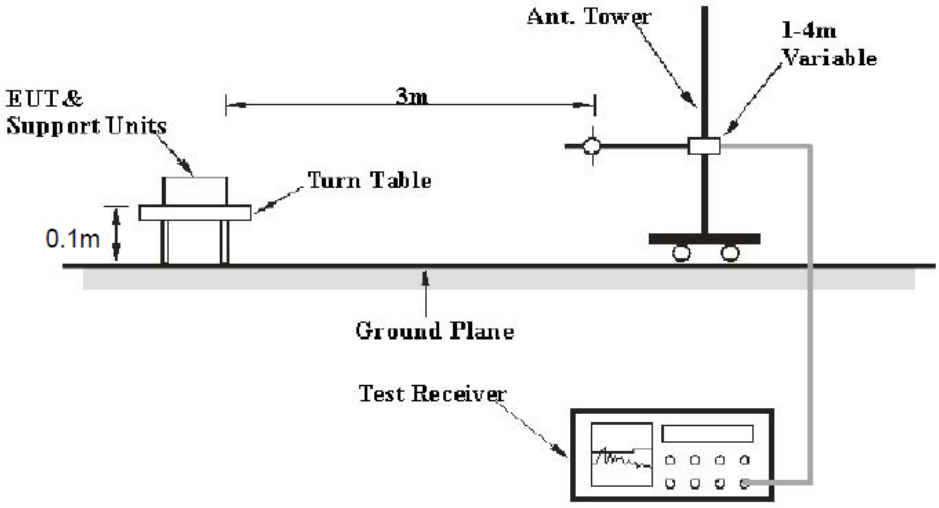


7.1.2.Semi-Anechoic Chamber Test Setup Diagram

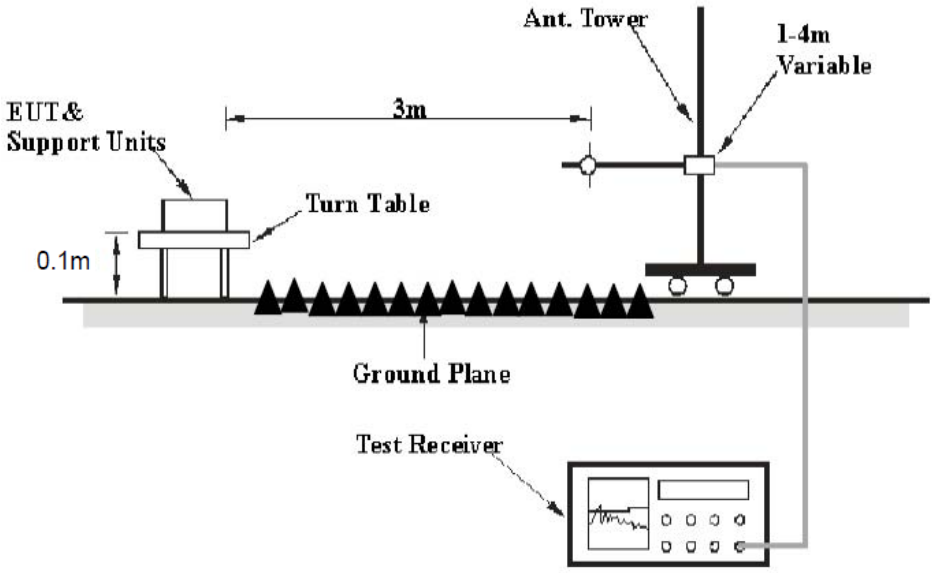
(A)Radiated Emission Test Set-Up, Frequency below 30MHz



(B)Radiated Emission Test Set-Up, Frequency 30MHz-1GHz



(C) Radiated Emission Test Set-Up, Frequency above 1GHz



7.2.The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

7.3.Restricted bands of operation

7.3.1.FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510
[2]Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

7.4.Configuration of EUT on Measurement

The equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.5. Operating Condition of EUT

7.5.1. Setup the EUT and simulator as shown as Section 7.1.

7.5.2. Turn on the power of all equipment.

7.5.3. Let the EUT work in TX modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2440MHz, and 2480MHz TX frequency to transmit.

7.6. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.1 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bi-log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the EUT location must be manipulated according to ANSI C63.10:2013 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

During the radiated emission test, the spectrum analyzer was set with the following configurations:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

7.7.Data Sample

Frequency (MHz)	Reading (dBμv)	Factor (dB/m)	Result (dBμv/m)	Limit (dBμv/m)	Margin (dB)	Remark
X.XX	48.69	-13.35	35.34	46	-10.66	QP

Frequency(MHz) = Emission frequency in MHz
Reading(dBμv) = Uncorrected Analyzer/Receiver reading
Factor (dB/m) = Antenna factor + Cable Loss – Amplifier gain
Result(dBμv/m) = Reading(dBμv) + Factor(dB/m)
Limit (dBμv/m) = Limit stated in standard
Margin (dB) = Result(dBμv/m) - Limit (dBμv/m)
QP = Quasi-peak Reading

Calculation Formula:
Margin(dB) = Result (dBμV/m)–Limit(dBμV/m)
Result(dBμV/m)= Reading(dBμV)+ Factor(dB/m)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the limit.

7.8.The Field Strength of Radiation Emission Measurement Results

PASS.

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

3. The radiation emissions from 9kHz-30MHz and 18-26.5GHz are not reported, because the test values lower than the limits of 20dB.

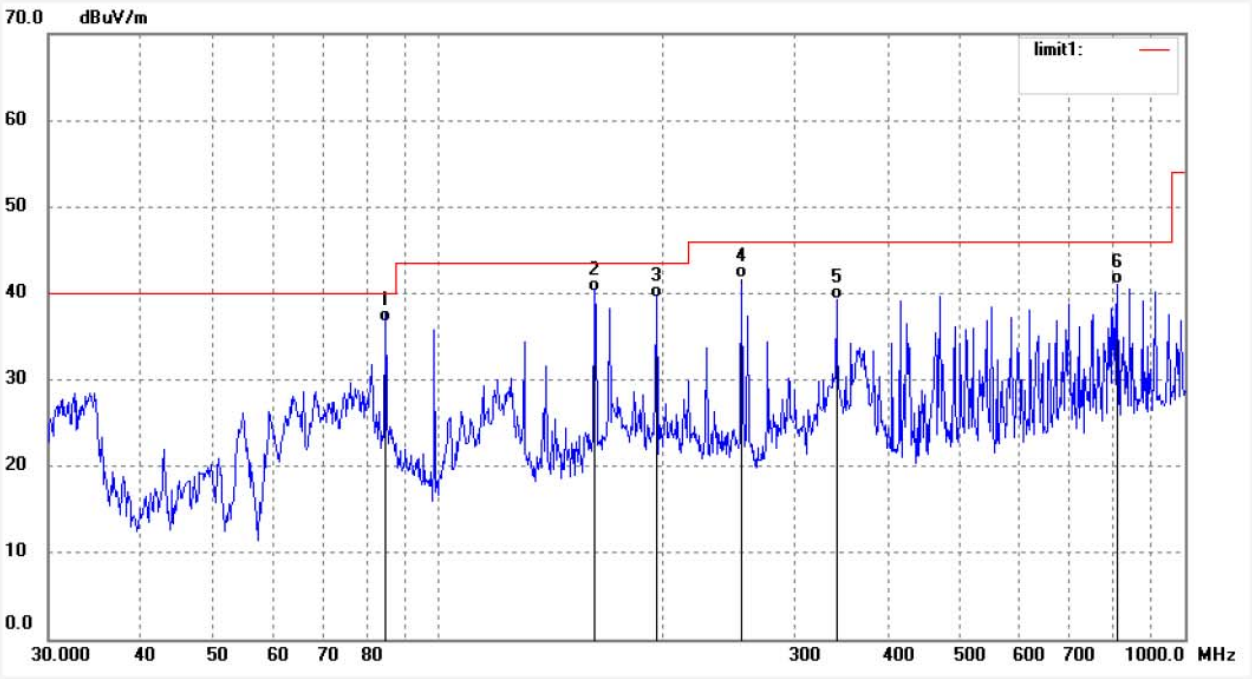
4. Above 1GHz test data please refer to the original report.

Below 1GHz

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: frank2017 #1651	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/11/20/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 16/52/06
EUT: Massage Chair	Engineer Signature: Frank
Mode: TX 2402MHz	Distance: 3m
Model: EC-625B	
Manufacturer: XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD	

Note: Report NO.:ATE20172210 002



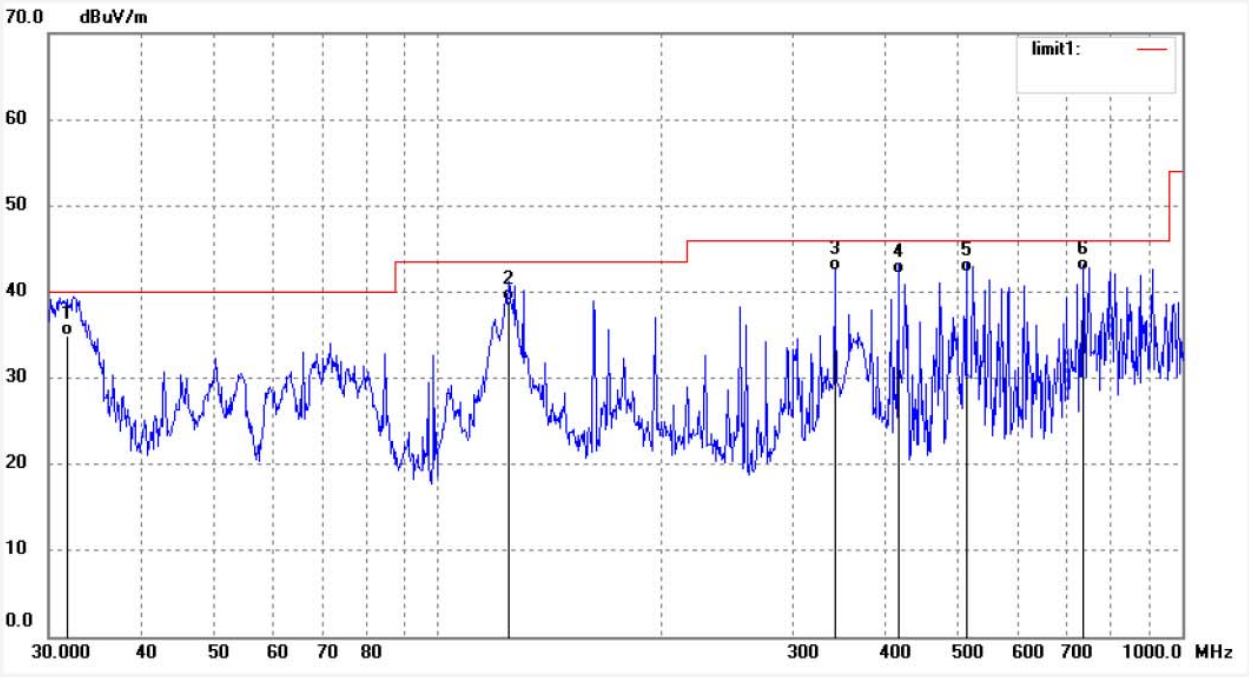
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	84.8782	64.15	-27.45	36.70	40.00	-3.30	QP	200	120	
2	162.0197	67.00	-26.86	40.14	43.50	-3.36	QP	200	134	
3	195.8701	64.10	-24.59	39.51	43.50	-3.99	QP	200	155	
4	254.9252	65.12	-23.35	41.77	46.00	-4.23	QP	200	342	
5	341.2441	58.95	-19.69	39.26	46.00	-6.74	QP	200	130	
6	812.7744	49.68	-8.71	40.97	46.00	-5.03	QP	200	214	

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: frank2017 #1650
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: TX 2402MHz
Model: EC-625B
Manufacturer: XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/11/20/
Time: 16/49/49
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172210 002



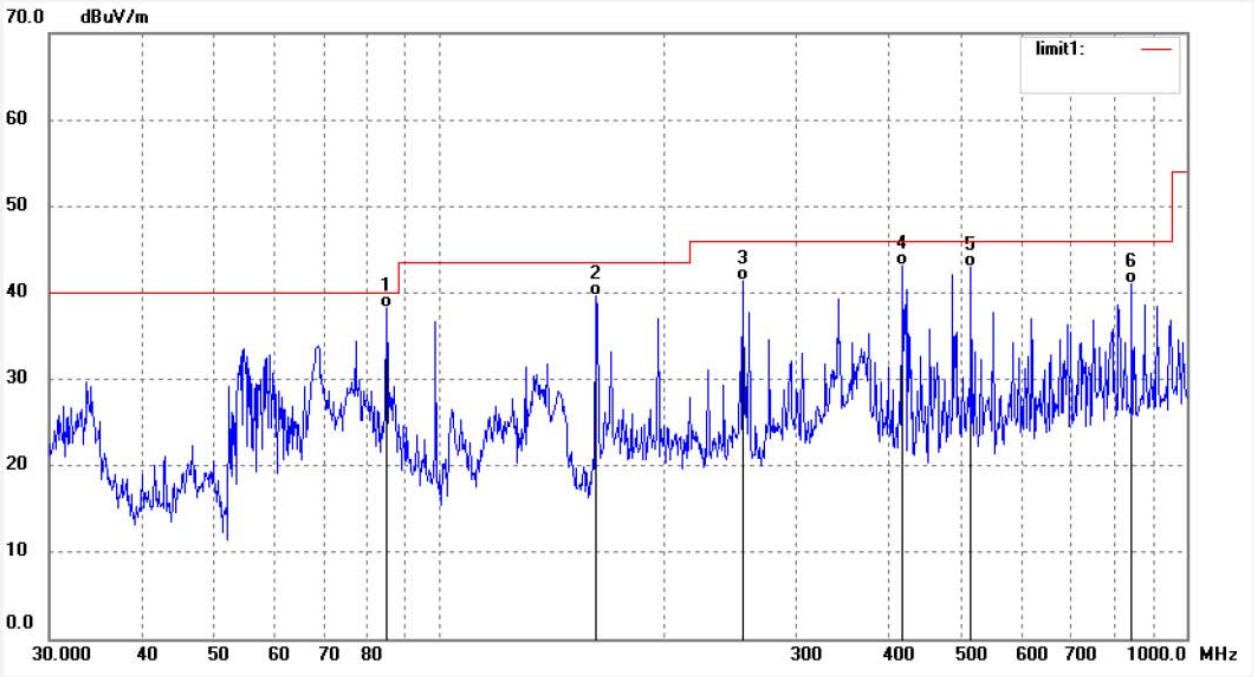
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	31.4207	55.46	-20.56	34.90	40.00	-5.10	QP	100	23	
2	124.4868	66.45	-27.58	38.87	43.50	-4.63	QP	100	245	
3	341.2441	62.12	-19.69	42.43	46.00	-3.57	QP	100	249	
4	415.4485	60.16	-18.05	42.11	46.00	-3.89	QP	100	57	
5	513.7493	58.15	-15.89	42.26	46.00	-3.74	QP	100	245	
6	736.6209	53.12	-10.62	42.50	46.00	-3.50	QP	100	123	

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: frank2017 #1653
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: TX 2440MHz
Model: EC-625B
Manufacturer: XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2018/1/20/
Time: 16/59/05
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172210 002



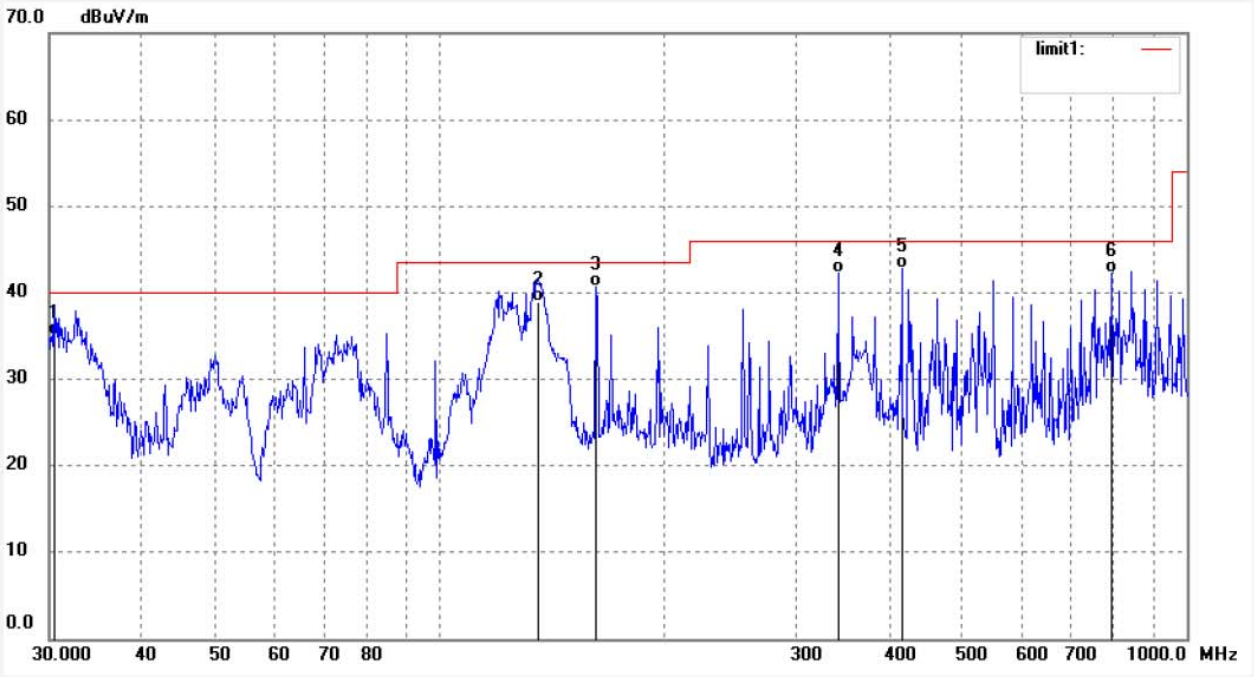
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	84.8782	65.74	-27.45	38.29	40.00	-1.71	QP	200	180	
2	162.0197	66.52	-26.86	39.66	43.50	-3.84	QP	200	167	
3	254.9250	64.74	-23.35	41.39	46.00	-4.61	QP	200	201	
4	416.9108	61.20	-18.04	43.16	46.00	-2.84	QP	200	147	
5	514.7531	58.80	-15.86	42.94	46.00	-3.06	QP	200	114	
6	844.8028	49.21	-8.13	41.08	46.00	-4.92	QP	200	234	

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: frank2017 #1652
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: TX 2440MHz
Model: EC-625B
Manufacturer: XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2018/1/20/
Time: 16/57/53
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172210 002



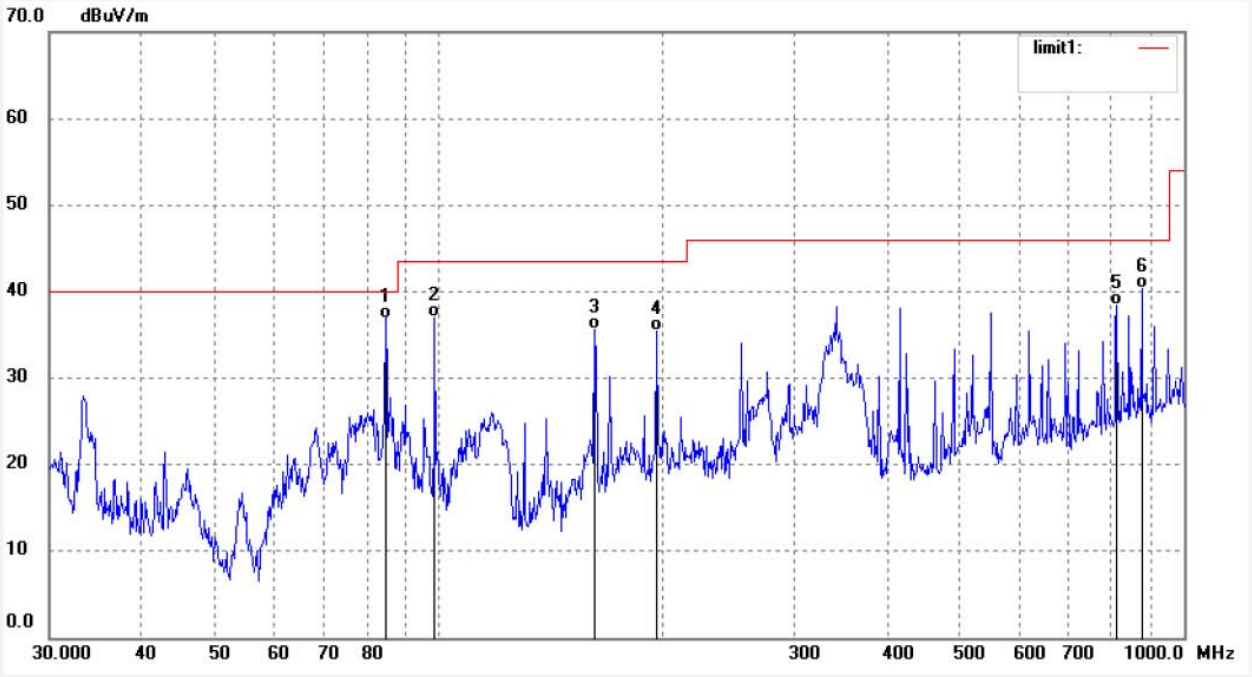
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	30.4246	55.46	-20.31	35.15	40.00	-4.85	QP	100	248	
2	135.4395	66.87	-27.85	39.02	43.50	-4.48	QP	100	210	
3	162.0197	67.50	-26.86	40.64	43.50	-2.86	QP	100	360	
4	341.2441	61.98	-19.69	42.29	46.00	-3.71	QP	100	280	
5	415.4485	60.85	-18.05	42.80	46.00	-3.20	QP	100	97	
6	793.0280	51.38	-9.16	42.22	46.00	-3.78	QP	100	109	

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: frank2017 #1660
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: TX 2480MHz
Model: EC-625B
Manufacturer: XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2018/1/20/
Time: 17/35/58
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172210 002



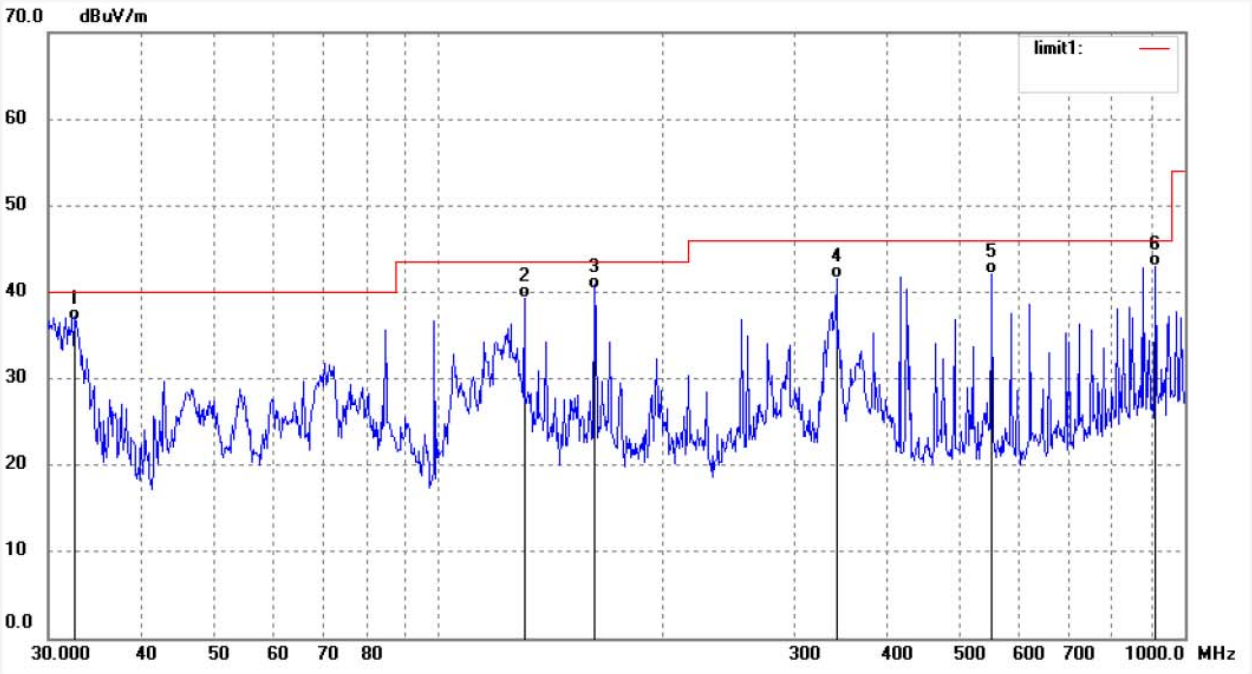
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	84.8782	64.21	-27.45	36.76	40.00	-3.24	QP	200	301	
2	98.7215	64.81	-27.88	36.93	43.50	-6.57	QP	200	268	
3	162.0197	62.48	-26.86	35.62	43.50	-7.88	QP	200	261	
4	195.8701	59.98	-24.59	35.39	43.50	-8.11	QP	200	320	
5	812.7744	47.17	-8.71	38.46	46.00	-7.54	QP	200	249	
6	878.0931	47.98	-7.56	40.42	46.00	-5.58	QP	200	155	

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: frank2017 #1661
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: TX 2480MHz
Model: EC-625B
Manufacturer: XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO., LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2018/1/20/
Time: 17/36/37
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172210 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.5248	57.51	-20.82	36.69	40.00	-3.31	QP	100	156	
2	130.3048	67.00	-27.72	39.28	43.50	-4.22	QP	100	360	
3	162.0197	67.28	-26.86	40.42	43.50	-3.08	QP	100	248	
4	341.2441	61.17	-19.69	41.48	46.00	-4.52	QP	100	279	
5	552.2269	56.76	-14.75	42.01	46.00	-3.99	QP	100	124	
6	912.6951	49.93	-6.97	42.96	46.00	-3.04	QP	100	235	

---------- THE END OF TEST REPORT ----------