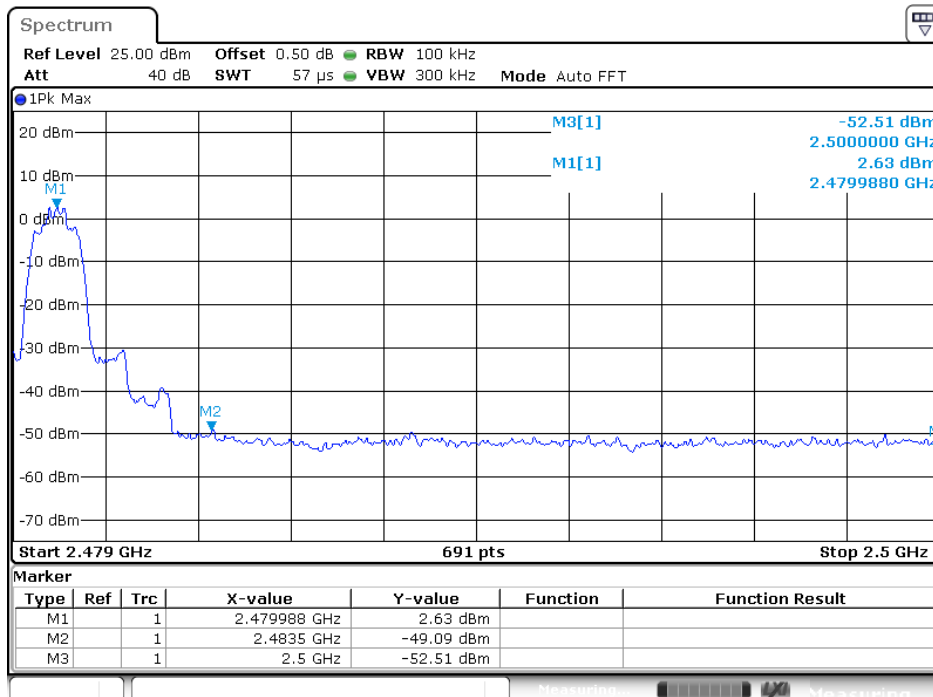
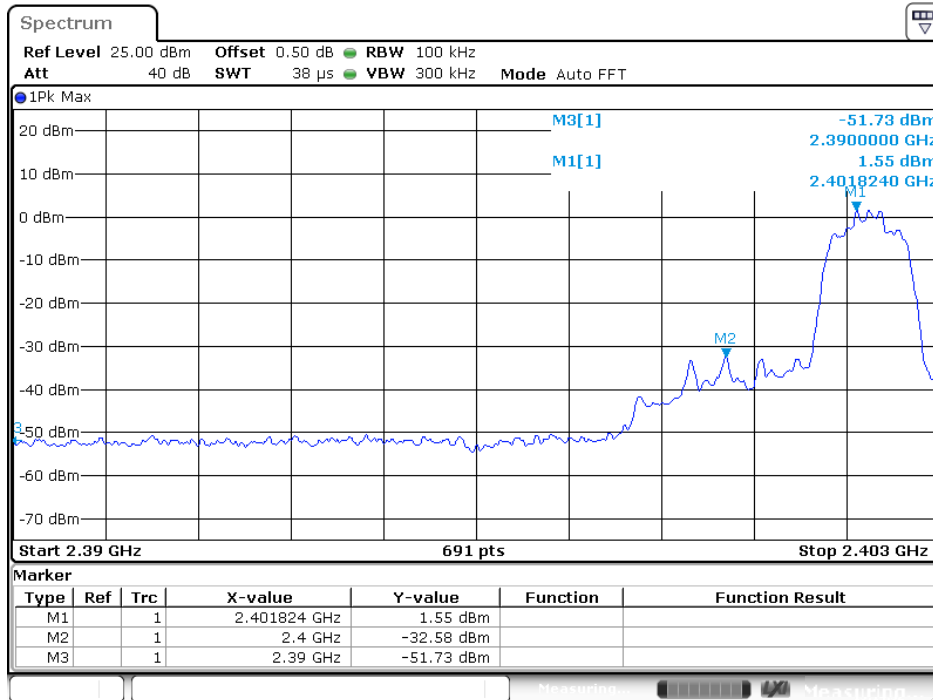


8DPSK



Radiated Band Edge Result

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

3. Display the measurement of peak values.

Test Procedure:

The EUT and its simulators are placed on a turntable, which is 0.1 meter high above ground(Above 1GHz). 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.

Let the EUT work in TX (Hopping off, Hopping on) modes measure it.
We select 2402MHz, 2480MHz TX frequency to transmit(Hopping off mode).
We select 2402-2480MHz TX frequency to transmit(Hopping on mode).

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

- 1.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.
- 2.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.
- 3.All modes of operation were investigated and the worst-case emissions are reported.

Non-hopping mode



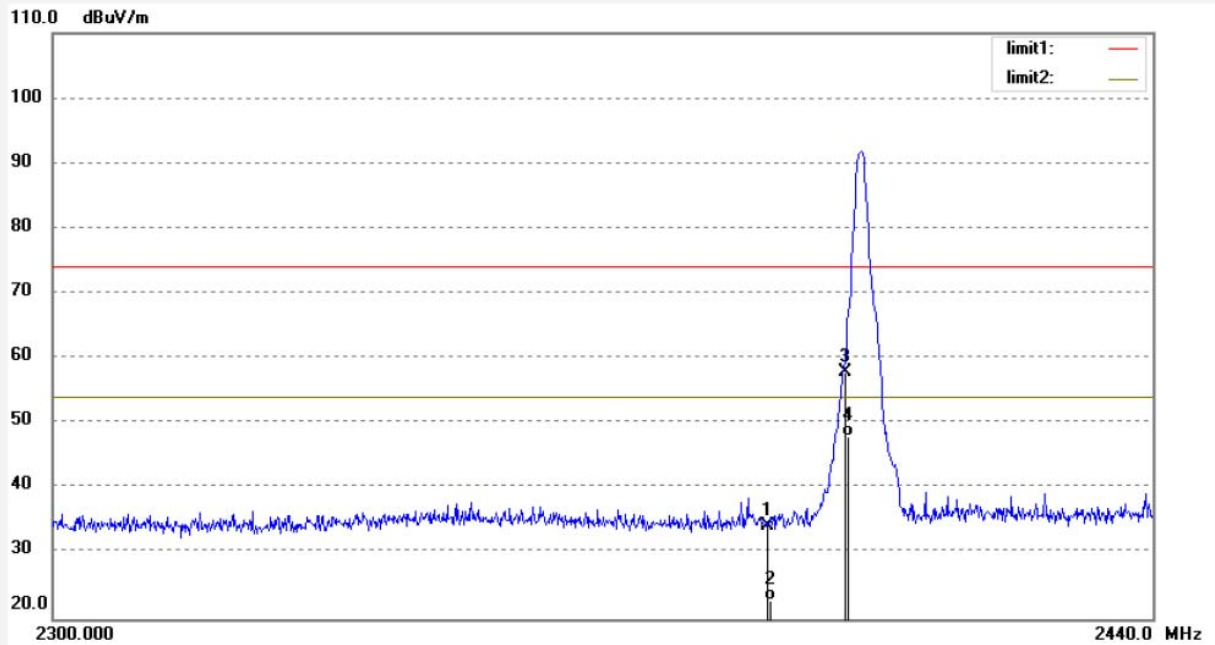
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #232 | Polarization: Vertical |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:41:35 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2402MHz(GFSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 38.70 | -4.32 | 34.38 | 74.00 | -39.62 | peak | 250 | 132 | |
| 2 | 2390.000 | 27.15 | -4.32 | 22.83 | 54.00 | -31.17 | AVG | 250 | 97 | |
| 3 | 2400.000 | 62.15 | -4.27 | 57.88 | 74.00 | -16.12 | peak | 250 | 45 | |
| 4 | 2400.000 | 52.18 | -4.27 | 47.91 | 54.00 | -6.09 | AVG | 250 | 102 | |

Note: Average measurement with peak detection at No.2&4



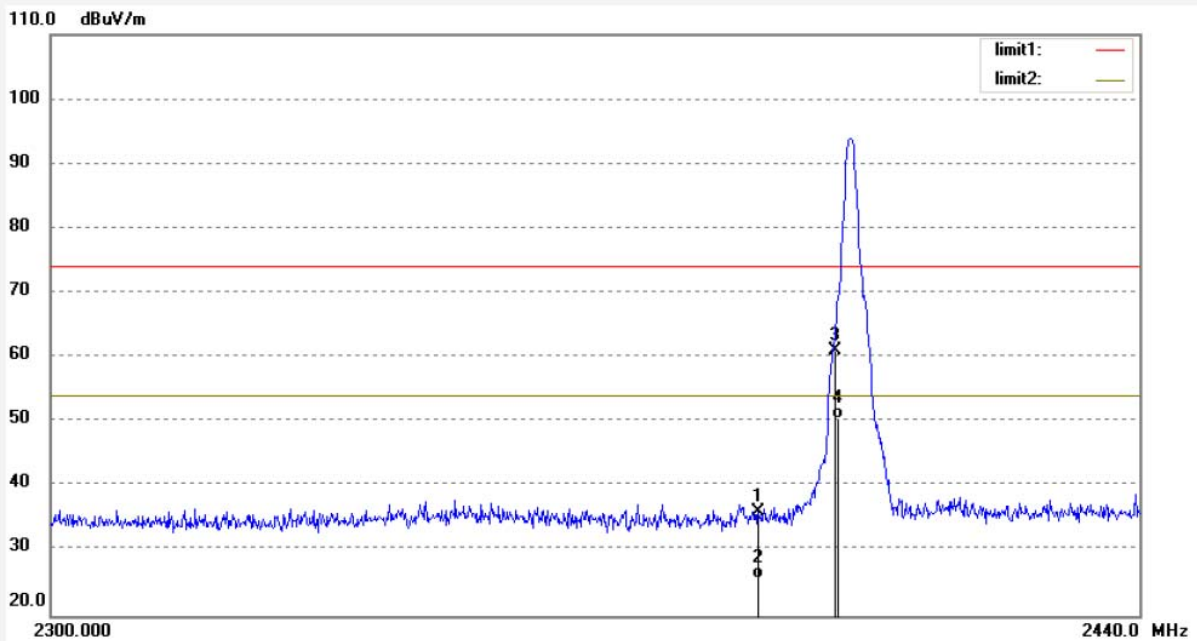
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| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #233 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:42:28 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2402MHz(GFSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 40.31 | -4.32 | 35.99 | 74.00 | -38.01 | peak | 250 | 132 | |
| 2 | 2390.000 | 30.12 | -4.32 | 25.80 | 54.00 | -28.20 | AVG | 250 | 185 | |
| 3 | 2400.000 | 65.35 | -4.27 | 61.08 | 74.00 | -12.92 | peak | 250 | 58 | |
| 4 | 2400.000 | 54.78 | -4.27 | 50.51 | 54.00 | -3.49 | AVG | 250 | 241 | |

Note: Average measurement with peak detection at No.2&4



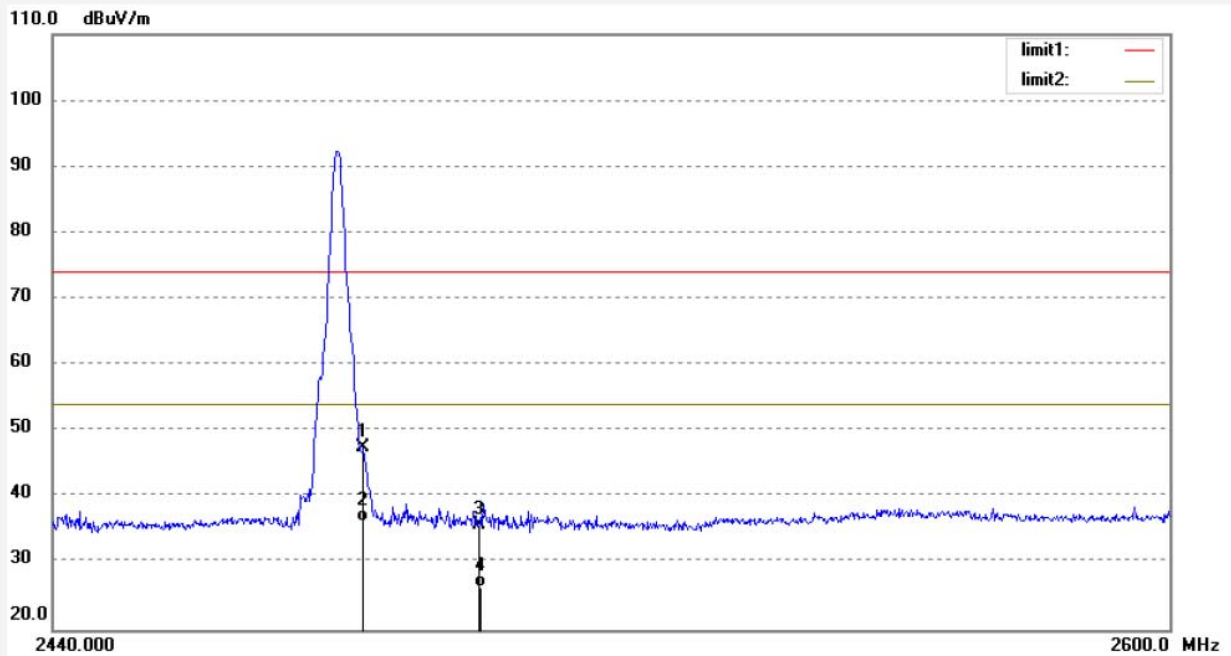
ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
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Fax:+86-0755-26503396

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #234 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:43:51 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2480MHz(GFSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091

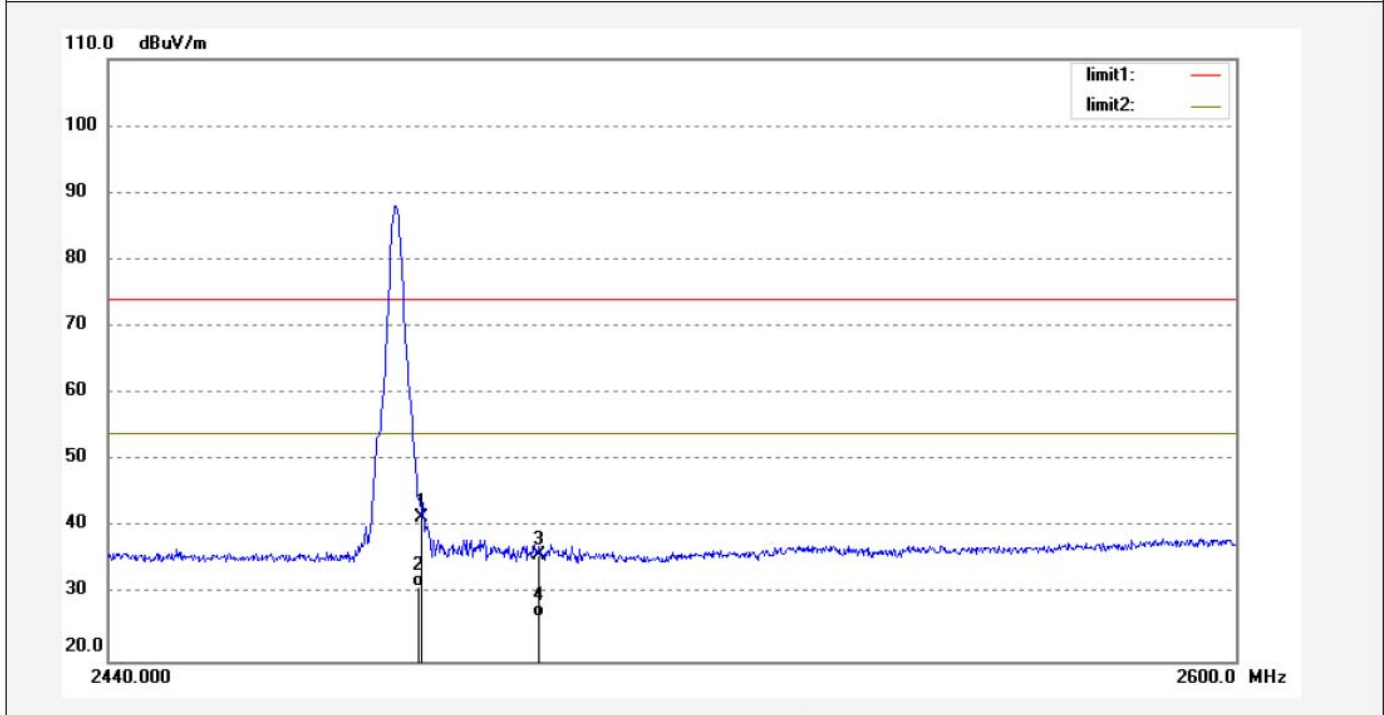


| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 51.44 | -3.89 | 47.55 | 74.00 | -26.45 | peak | 250 | 194 | |
| 2 | 2483.500 | 40.30 | -3.89 | 36.41 | 54.00 | -17.59 | AVG | 250 | 259 | |
| 3 | 2500.000 | 39.66 | -3.81 | 35.85 | 74.00 | -38.15 | peak | 250 | 94 | |
| 4 | 2500.000 | 30.12 | -3.81 | 26.31 | 54.00 | -27.69 | AVG | 250 | 267 | |

Note: Average measurement with peak detection at No.2&4

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #235 | Polarization: Vertical |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:44:56 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2480MHz(GFSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 45.27 | -3.89 | 41.38 | 74.00 | -32.62 | peak | 250 | 121 | |
| 2 | 2483.500 | 35.12 | -3.89 | 31.23 | 54.00 | -22.77 | AVG | 250 | 321 | |
| 3 | 2500.000 | 39.66 | -3.81 | 35.85 | 74.00 | -38.15 | peak | 250 | 94 | |
| 4 | 2500.000 | 30.45 | -3.81 | 26.64 | 54.00 | -27.36 | AVG | 250 | 204 | |

Note: Average measurement with peak detection at No.2&4



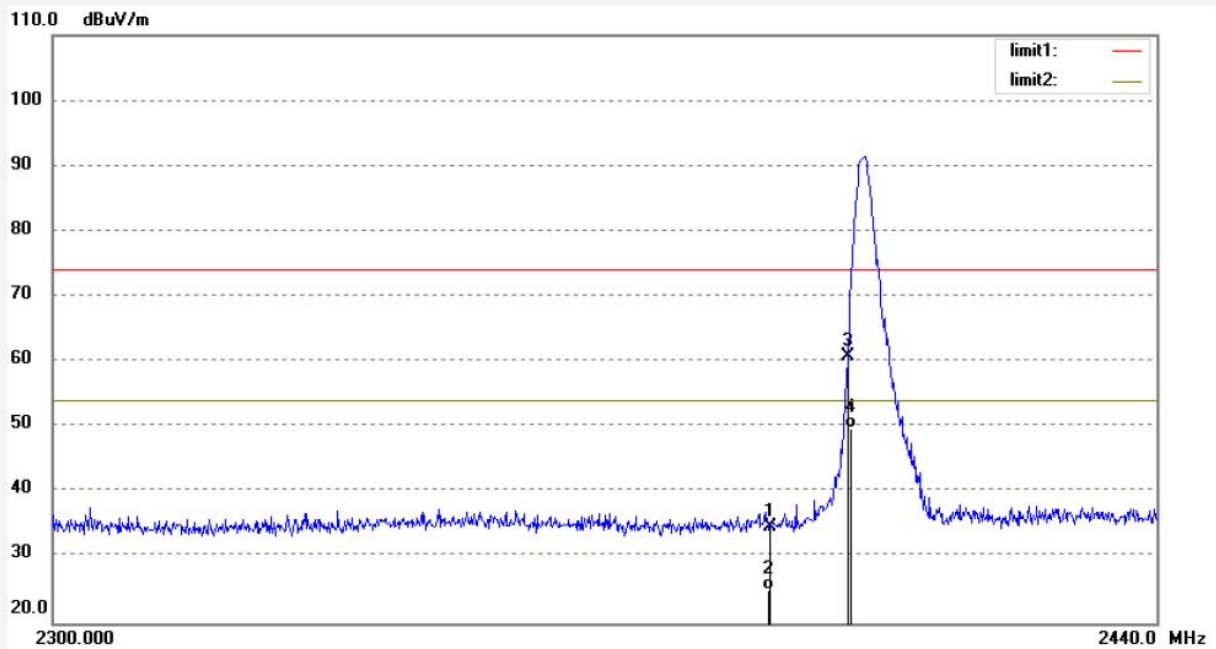
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| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #230 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:38:58 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2402MHz(□/4-DQPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091

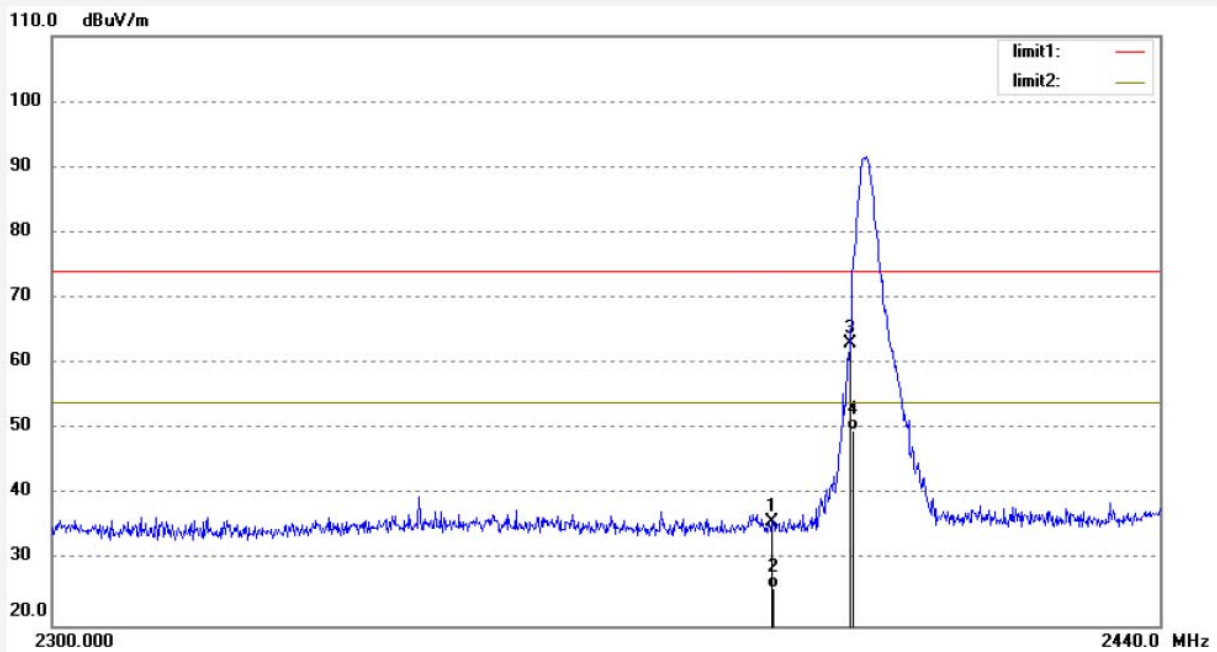


| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 38.95 | -4.32 | 34.63 | 74.00 | -39.37 | peak | 250 | 210 | |
| 2 | 2390.000 | 29.48 | -4.32 | 25.16 | 54.00 | -28.84 | AVG | 250 | 254 | |
| 3 | 2400.000 | 65.15 | -4.27 | 60.88 | 74.00 | -13.12 | peak | 250 | 108 | |
| 4 | 2400.000 | 54.15 | -4.27 | 49.88 | 54.00 | -4.12 | AVG | 250 | 121 | |

Note: Average measurement with peak detection at No.2&4

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #231 | Polarization: Vertical |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:39:52 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2402MHz(Π/4-DQPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 40.11 | -4.32 | 35.79 | 74.00 | -38.21 | peak | 250 | 122 | |
| 2 | 2390.000 | 30.00 | -4.32 | 25.68 | 54.00 | -28.32 | AVG | 250 | 61 | |
| 3 | 2400.000 | 67.39 | -4.27 | 63.12 | 74.00 | -10.88 | peak | 250 | 109 | |
| 4 | 2400.000 | 54.00 | -4.27 | 49.73 | 54.00 | -4.27 | AVG | 250 | 232 | |

Note: Average measurement with peak detection at No.2&4

Job No.: frank2018 #236

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Massage Chair

Mode: TX2480MHz(□/4-DQPSK)

Model: EC-528H

Manufacturer: MARUTAKATECHNO CO., LTD

Polarization: Vertical

Power Source: AC 120V; 60Hz

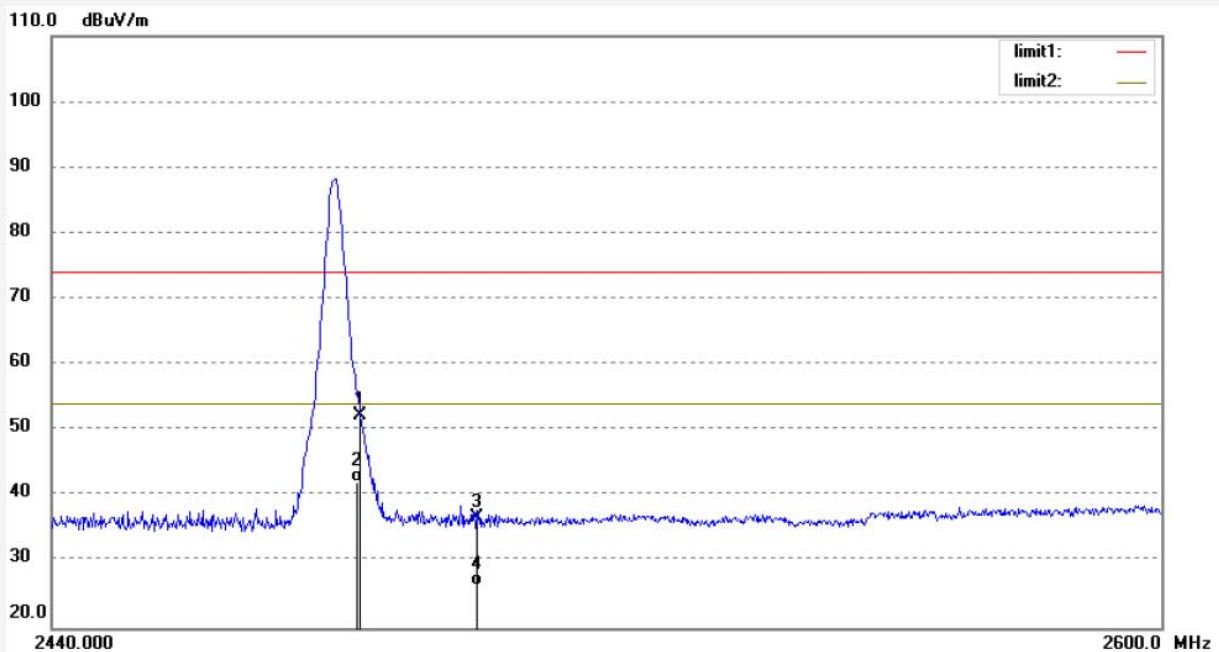
Date: 2018/03/29

Time: 15:46:19

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20172091

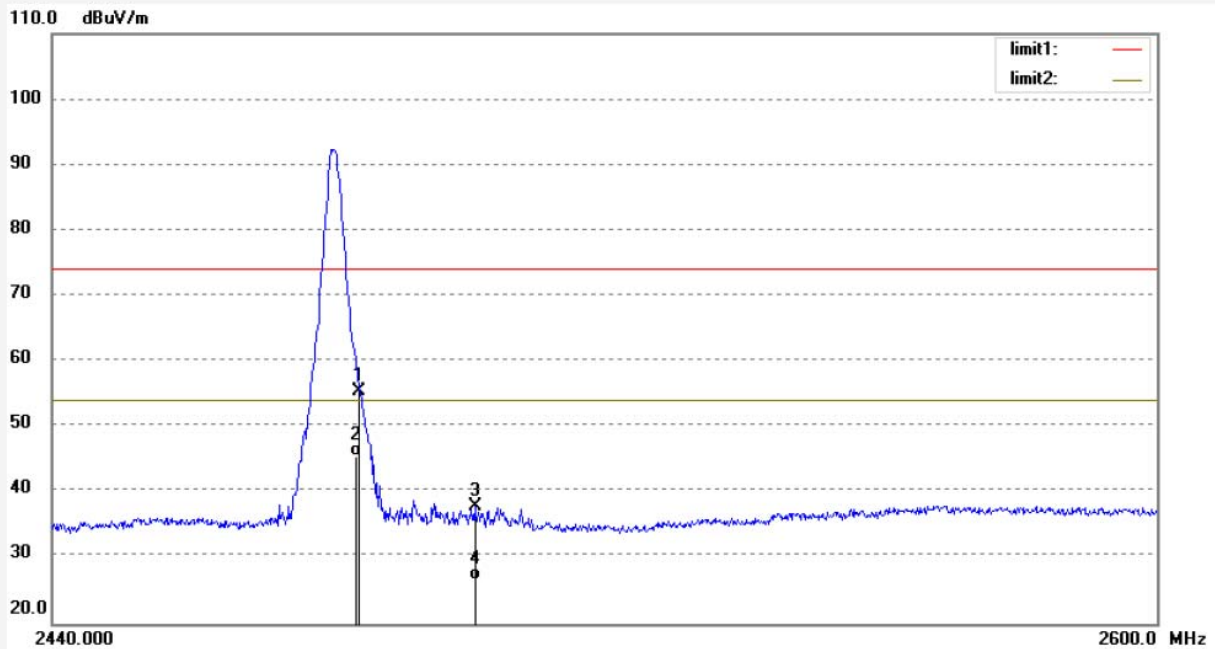


| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 56.27 | -3.89 | 52.38 | 74.00 | -21.62 | peak | 250 | 12 | |
| 2 | 2483.500 | 46.12 | -3.89 | 42.23 | 54.00 | -11.77 | AVG | 250 | 103 | |
| 3 | 2500.000 | 40.48 | -3.81 | 36.67 | 74.00 | -37.33 | peak | 250 | 57 | |
| 4 | 2500.000 | 30.12 | -3.81 | 26.31 | 54.00 | -27.69 | AVG | 200 | 124 | |

Note: Average measurement with peak detection at No.2&4

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #237 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:47:14 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2480MHz(□/4-DQPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 59.29 | -3.89 | 55.40 | 74.00 | -18.60 | peak | 250 | 123 | |
| 2 | 2483.500 | 49.48 | -3.89 | 45.59 | 54.00 | -8.41 | AVG | 250 | 22 | |
| 3 | 2500.000 | 41.59 | -3.81 | 37.78 | 74.00 | -36.22 | peak | 250 | 167 | |
| 4 | 2500.000 | 30.48 | -3.81 | 26.67 | 54.00 | -27.33 | AVG | 250 | 154 | |

Note: Average measurement with peak detection at No.2&4



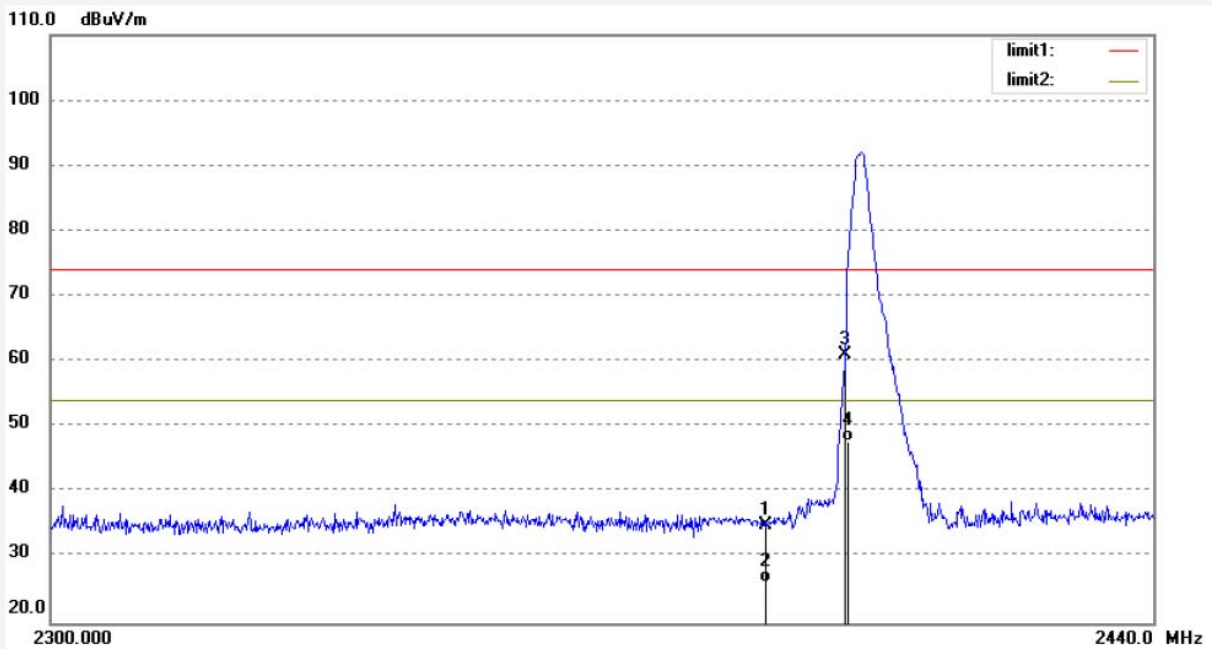
ACCURATE TECHNOLOGY CO., LTD.

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.: frank2018 #228 | Polarization: Vertical |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:36:28 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2402MHz(8DPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 39.31 | -4.32 | 34.99 | 74.00 | -39.01 | peak | 250 | 138 | |
| 2 | 2390.000 | 30.46 | -4.32 | 26.14 | 54.00 | -27.86 | AVG | 250 | 214 | |
| 3 | 2400.000 | 65.44 | -4.27 | 61.17 | 74.00 | -12.83 | peak | 250 | 59 | |
| 4 | 2400.000 | 52.12 | -4.27 | 47.85 | 54.00 | -6.15 | AVG | 250 | 211 | |

Note: Average measurement with peak detection at No.2&4



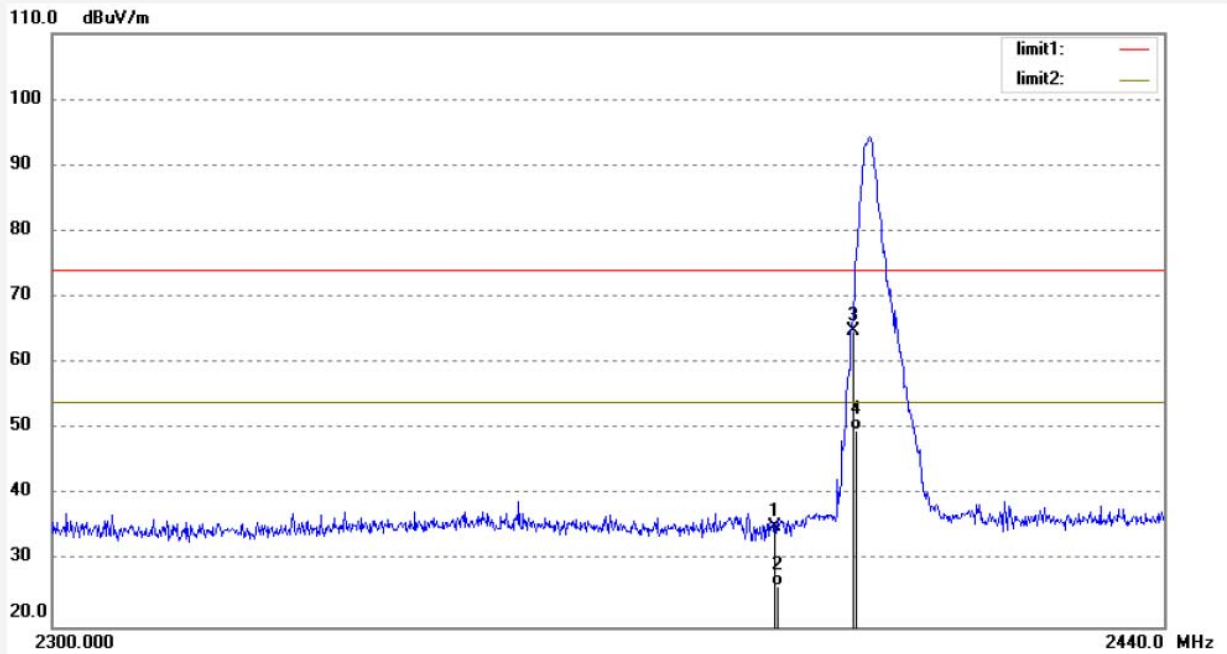
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Site: 1# Chamber
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Fax:+86-0755-26503396

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #229 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:37:54 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2402MHz(8DPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 39.40 | -4.32 | 35.08 | 74.00 | -38.92 | peak | 250 | 122 | |
| 2 | 2390.000 | 30.45 | -4.32 | 26.13 | 54.00 | -27.87 | AVG | 250 | 84 | |
| 3 | 2400.000 | 69.24 | -4.27 | 64.97 | 74.00 | -9.03 | peak | 250 | 211 | |
| 4 | 2400.000 | 54.12 | -4.27 | 49.85 | 54.00 | -4.15 | AVG | 250 | 100 | |

Note: Average measurement with peak detection at No.2&4

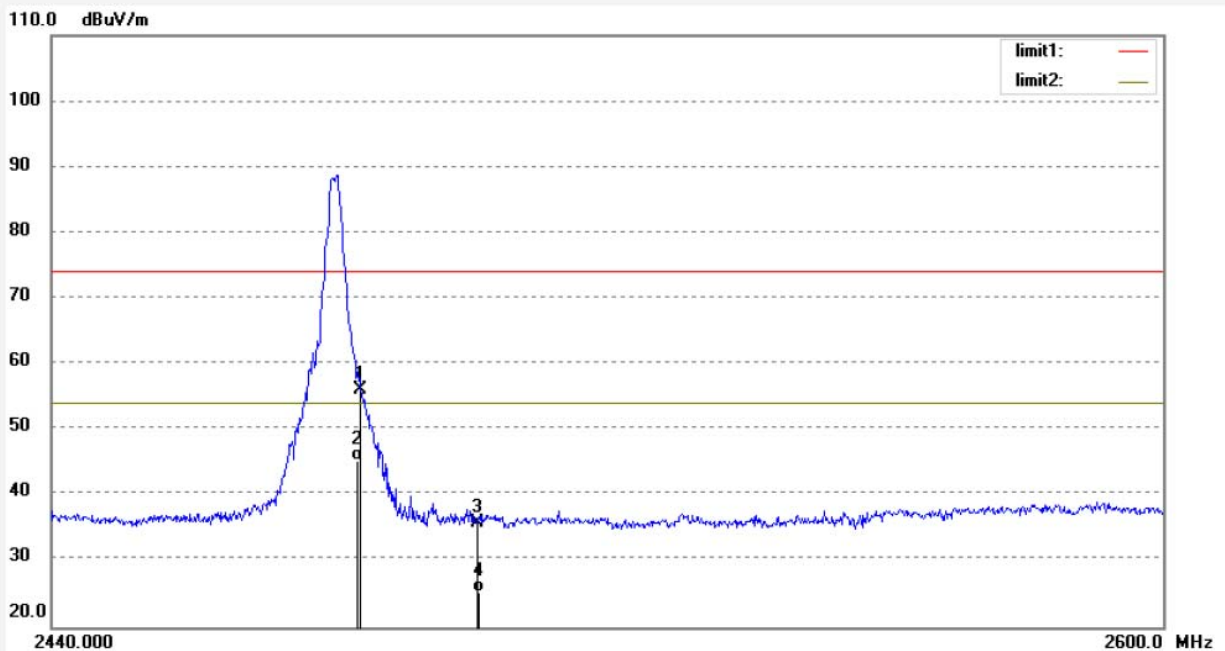


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| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #238 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:48:28 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: TX2480MHz(8DPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



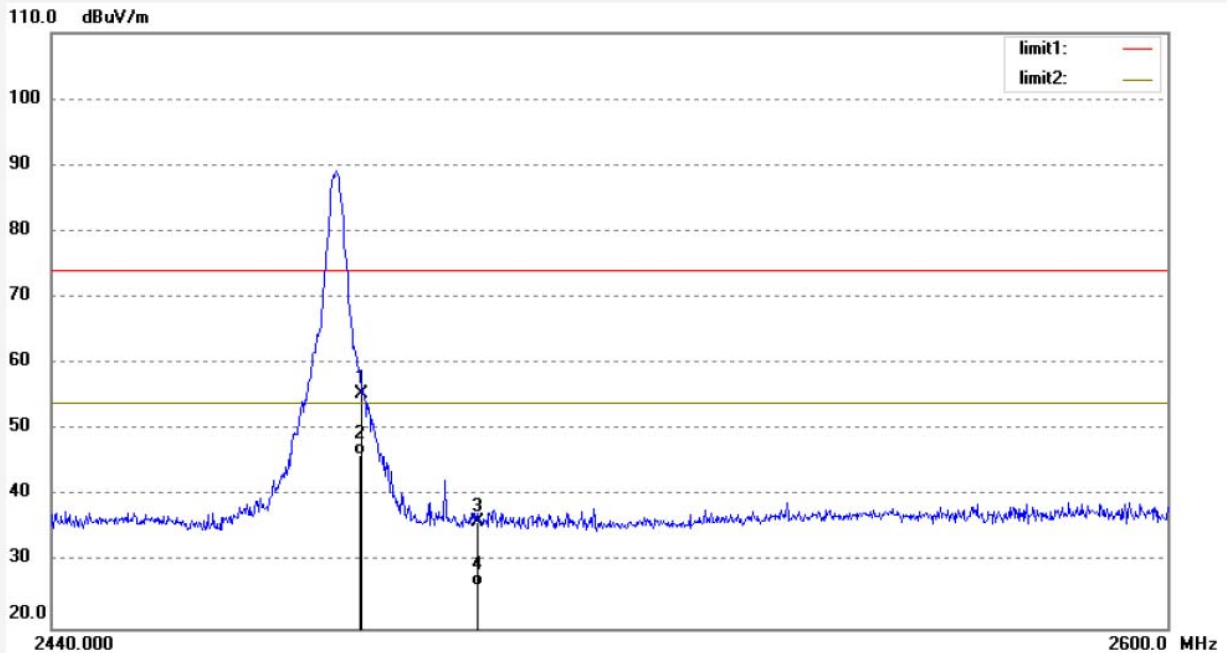
| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 59.97 | -3.89 | 56.08 | 74.00 | -17.92 | peak | 250 | 184 | |
| 2 | 2483.500 | 49.15 | -3.89 | 45.26 | 54.00 | -8.74 | AVG | 250 | 19 | |
| 3 | 2500.000 | 39.62 | -3.81 | 35.81 | 74.00 | -38.19 | peak | 250 | 201 | |
| 4 | 2500.000 | 29.15 | -3.81 | 25.34 | 54.00 | -28.66 | AVG | 250 | 215 | |

Note: Average measurement with peak detection at No.2&4

Job No.: frank2018 #239
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: TX2480MHz(8DPSK)
Model: EC-528H
Manufacturer: MARUTAKATECHNO CO., LTD

Polarization: Vertical
Power Source: AC 120V; 60Hz
Date: 2018/03/29
Time: 15:49:32
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 59.28 | -3.89 | 55.39 | 74.00 | -18.61 | peak | 250 | 123 | |
| 2 | 2483.500 | 50.12 | -3.89 | 46.23 | 54.00 | -7.77 | AVG | 250 | 225 | |
| 3 | 2500.000 | 39.96 | -3.81 | 36.15 | 74.00 | -37.85 | peak | 250 | 164 | |
| 4 | 2500.000 | 30.15 | -3.81 | 26.34 | 54.00 | -27.66 | AVG | 250 | 92 | |

Note: Average measurement with peak detection at No.2&4

Hopping mode



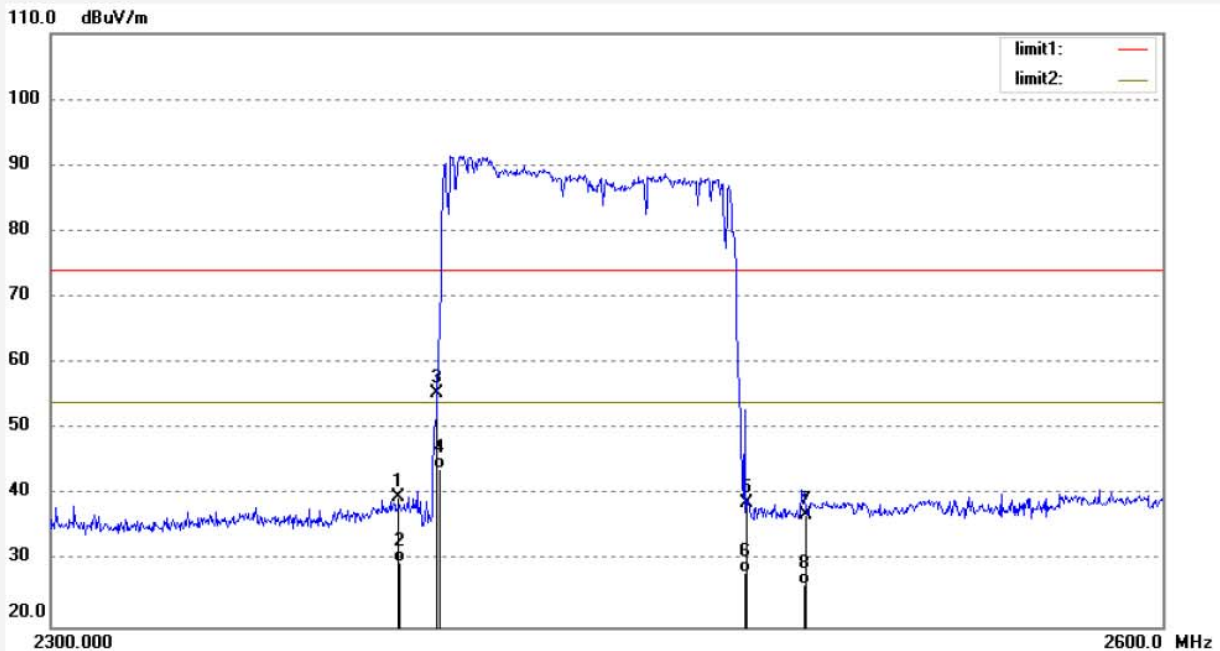
ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
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| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #240 | Polarization: Vertical |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:52:55 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: HOPPING(GFSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 43.95 | -4.32 | 39.63 | 74.00 | -34.37 | peak | 250 | 121 | |
| 2 | 2390.000 | 34.12 | -4.32 | 29.80 | 54.00 | -24.20 | AVG | 250 | 13 | |
| 3 | 2400.000 | 59.68 | -4.27 | 55.41 | 74.00 | -18.59 | peak | 250 | 101 | |
| 4 | 2400.000 | 48.15 | -4.27 | 43.88 | 54.00 | -10.12 | AVG | 200 | 127 | |
| 5 | 2483.500 | 42.62 | -3.89 | 38.73 | 74.00 | -35.27 | peak | 200 | 195 | |
| 6 | 2483.500 | 32.15 | -3.89 | 28.26 | 54.00 | -25.74 | AVG | 200 | 125 | |
| 7 | 2500.000 | 40.83 | -3.81 | 37.02 | 74.00 | -36.98 | peak | 200 | 111 | |
| 8 | 2500.000 | 30.12 | -3.81 | 26.31 | 54.00 | -27.69 | AVG | 250 | 320 | |

Note: Average measurement with peak detection at No.2&4&6&8

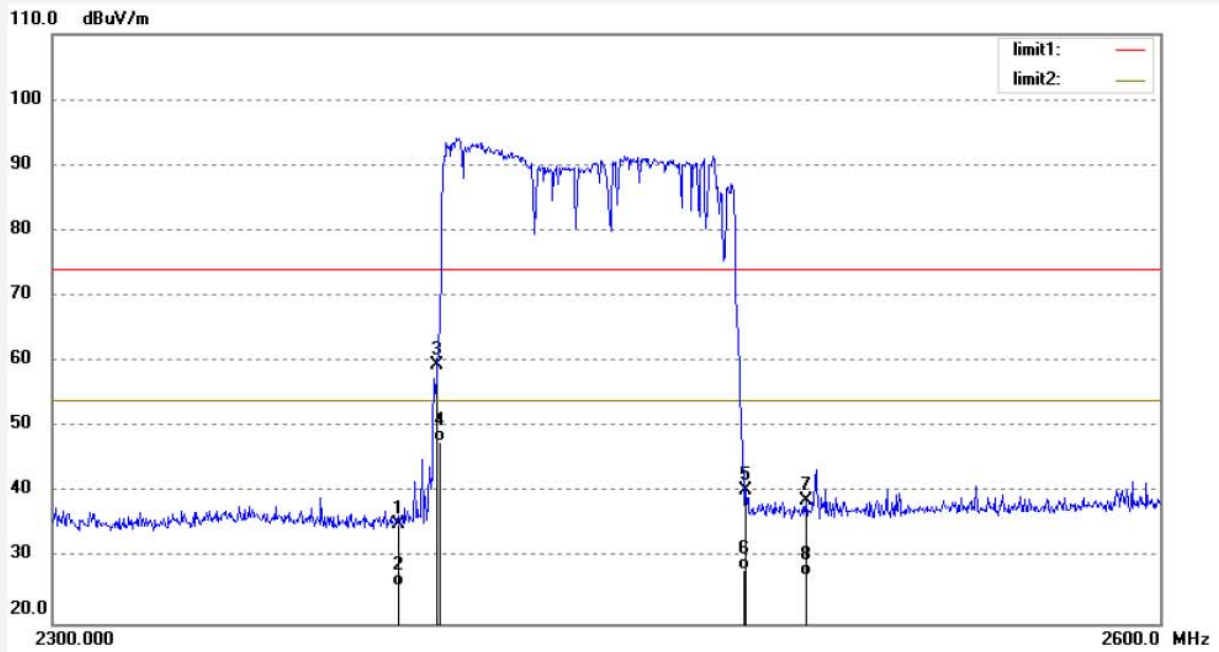


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

| | |
|---------------------------------------|-----------------------------|
| Job No.: frank2018 #241 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:55:13 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: HOPPING(GFSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 39.40 | -4.32 | 35.08 | 74.00 | -38.92 | peak | 200 | 138 | |
| 2 | 2390.000 | 30.12 | -4.32 | 25.80 | 54.00 | -28.20 | AVG | 200 | 94 | |
| 3 | 2400.000 | 63.70 | -4.27 | 59.43 | 74.00 | -14.57 | peak | 200 | 251 | |
| 4 | 2400.000 | 52.12 | -4.27 | 47.85 | 54.00 | -6.15 | AVG | 200 | 103 | |
| 5 | 2483.500 | 44.19 | -3.89 | 40.30 | 74.00 | -33.70 | peak | 250 | 158 | |
| 6 | 2483.500 | 32.12 | -3.89 | 28.23 | 54.00 | -25.77 | AVG | 250 | 149 | |
| 7 | 2500.000 | 42.57 | -3.81 | 38.76 | 74.00 | -35.24 | peak | 250 | 201 | |
| 8 | 2500.000 | 31.15 | -3.81 | 27.34 | 54.00 | -26.66 | AVG | 200 | 321 | |

Note: Average measurement with peak detection at No.2&4&6&8



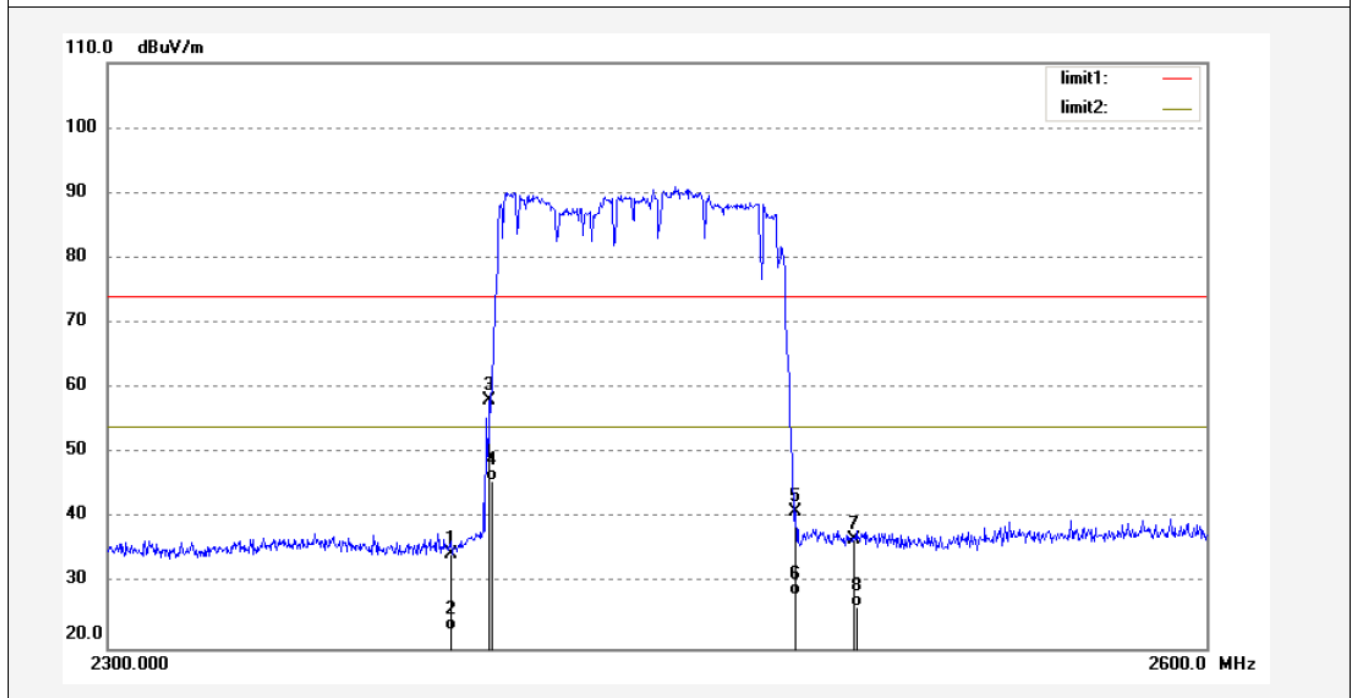
ACCURATE TECHNOLOGY CO., LTD.

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.: frank2018 #242 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 15:57:29 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: HOPPING(π/4-DQPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091

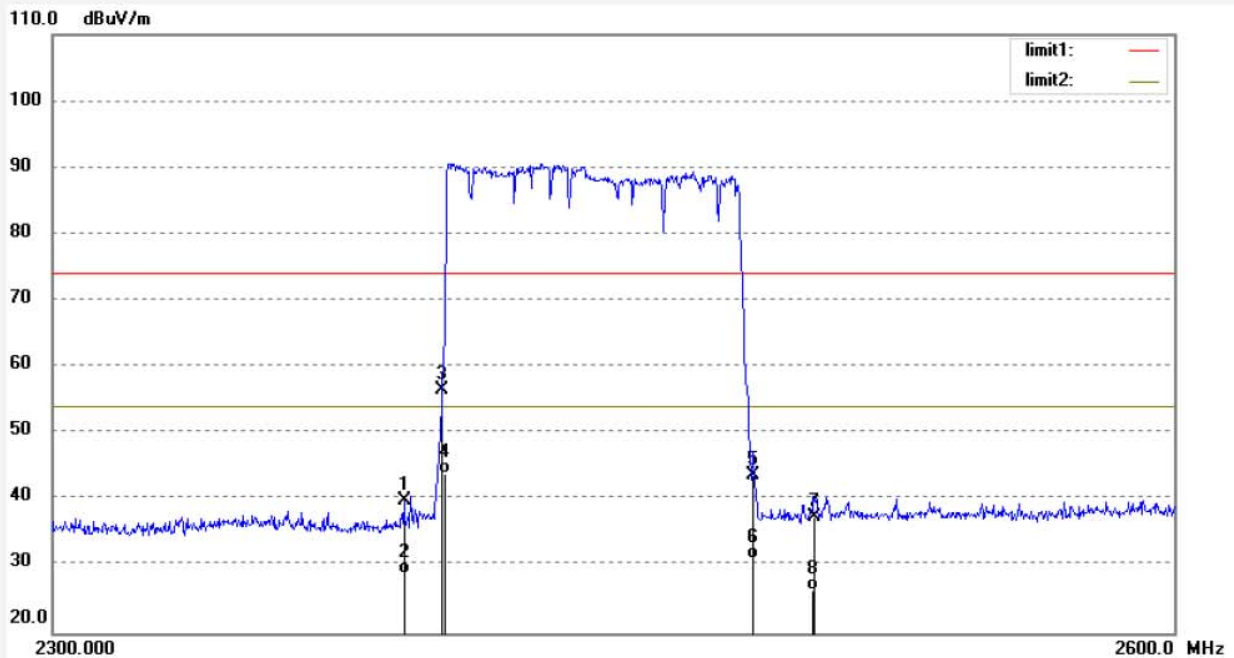


| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 38.87 | -4.32 | 34.55 | 74.00 | -39.45 | peak | 250 | 132 | |
| 2 | 2390.000 | 27.13 | -4.32 | 22.81 | 54.00 | -31.19 | AVG | 300 | 195 | |
| 3 | 2400.000 | 62.30 | -4.27 | 58.03 | 74.00 | -15.97 | peak | 300 | 28 | |
| 4 | 2400.000 | 50.12 | -4.27 | 45.85 | 54.00 | -8.15 | AVG | 250 | 312 | |
| 5 | 2483.500 | 44.90 | -3.89 | 41.01 | 74.00 | -32.99 | peak | 200 | 182 | |
| 6 | 2483.500 | 32.15 | -3.89 | 28.26 | 54.00 | -25.74 | AVG | 250 | 97 | |
| 7 | 2500.000 | 40.61 | -3.81 | 36.80 | 74.00 | -37.20 | peak | 250 | 83 | |
| 8 | 2500.000 | 30.18 | -3.81 | 26.37 | 54.00 | -27.63 | AVG | 250 | 156 | |

Note: Average measurement with peak detection at No.2&4&6&8

| | |
|-------------------------------|-----------------------------|
| Job No.: frank2018 #245 | Polarization: Vertical |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 16:19:32 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: HOPPING(Π/4-DQPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: Cozzia USA LLC. | |

Note: Report NO.:ATE20172091



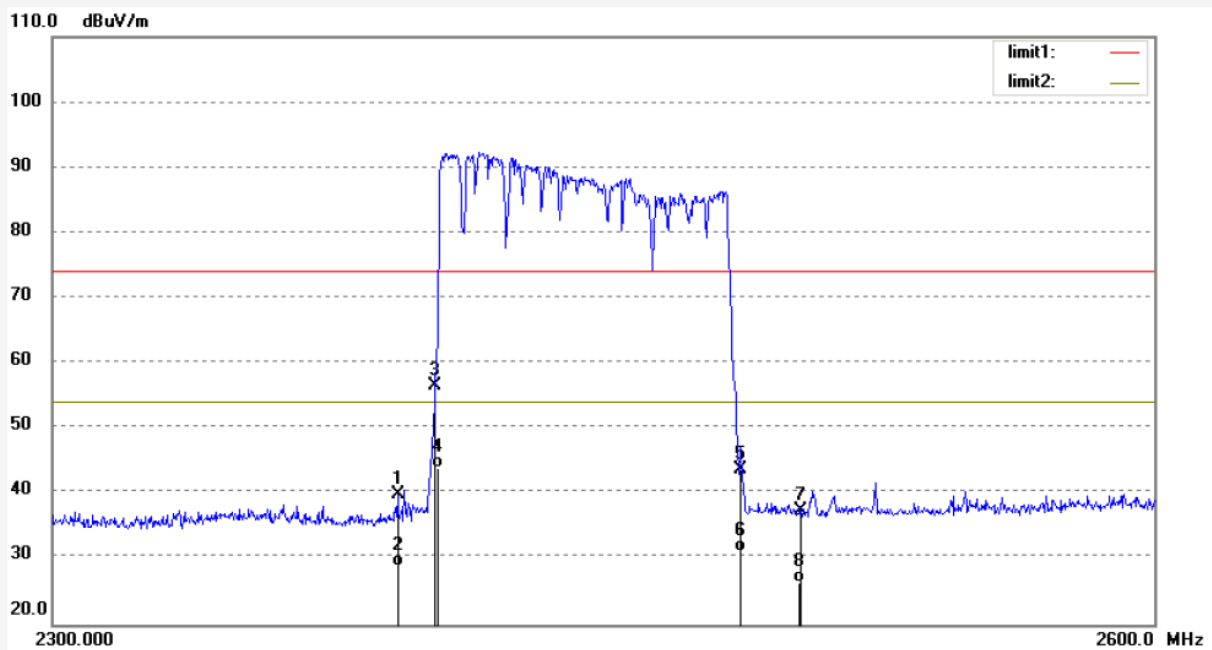
| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 44.19 | -4.32 | 39.87 | 74.00 | -34.13 | peak | 150 | 270 | |
| 2 | 2390.000 | 33.15 | -4.32 | 28.83 | 54.00 | -25.17 | AVG | 150 | 351 | |
| 3 | 2400.000 | 60.83 | -4.27 | 56.56 | 74.00 | -17.44 | peak | 250 | 75 | |
| 4 | 2400.000 | 48.15 | -4.27 | 43.88 | 54.00 | -10.12 | AVG | 250 | 130 | |
| 5 | 2483.500 | 47.57 | -3.89 | 43.68 | 74.00 | -30.32 | peak | 250 | 91 | |
| 6 | 2483.500 | 35.12 | -3.89 | 31.23 | 54.00 | -22.77 | AVG | 250 | 156 | |
| 7 | 2500.000 | 41.15 | -3.81 | 37.34 | 74.00 | -36.66 | peak | 250 | 150 | |
| 8 | 2500.000 | 30.15 | -3.81 | 26.34 | 54.00 | -27.66 | AVG | 250 | 122 | |

Note: Average measurement with peak detection at No.2&4&6&8

Job No.: frank2018 #243
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Massage Chair
Mode: HOPPING(8DPSK)
Model: EC-528H
Manufacturer: MARUTAKATECHNO CO., LTD

Polarization: Vertical
Power Source: AC 120V; 60Hz
Date: 2018/03/29
Time: 16:02:12
Engineer Signature: Frank
Distance: 3m

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 44.19 | -4.32 | 39.87 | 74.00 | -34.13 | peak | 150 | 270 | |
| 2 | 2390.000 | 33.15 | -4.32 | 28.83 | 54.00 | -25.17 | AVG | 150 | 351 | |
| 3 | 2400.000 | 60.83 | -4.27 | 56.56 | 74.00 | -17.44 | peak | 250 | 75 | |
| 4 | 2400.000 | 48.15 | -4.27 | 43.88 | 54.00 | -10.12 | AVG | 250 | 130 | |
| 5 | 2483.500 | 47.57 | -3.89 | 43.68 | 74.00 | -30.32 | peak | 250 | 91 | |
| 6 | 2483.500 | 35.12 | -3.89 | 31.23 | 54.00 | -22.77 | AVG | 250 | 156 | |
| 7 | 2500.000 | 41.15 | -3.81 | 37.34 | 74.00 | -36.66 | peak | 250 | 150 | |
| 8 | 2500.000 | 30.15 | -3.81 | 26.34 | 54.00 | -27.66 | AVG | 250 | 122 | |

Note: Average measurement with peak detection at No.2&4&6&8



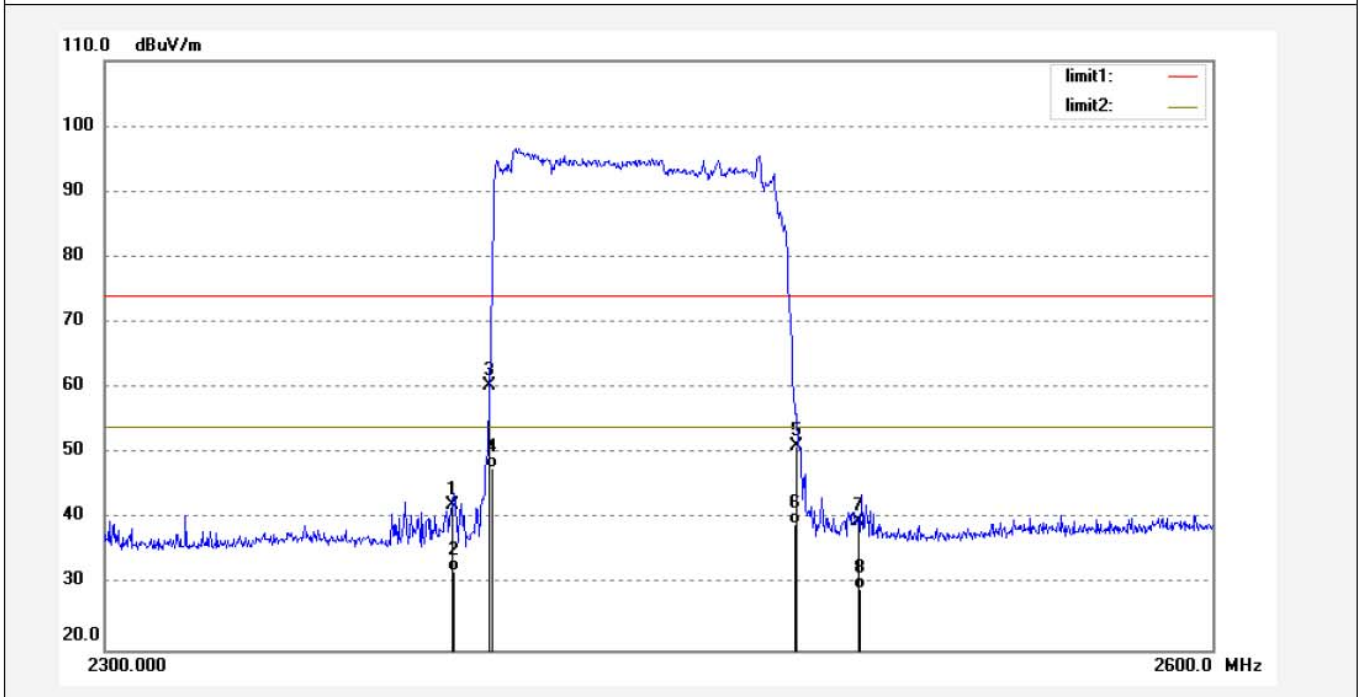
ACCURATE TECHNOLOGY CO., LTD.

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.: frank2018 #244 | Polarization: Horizontal |
| Standard: FCC PK | Power Source: AC 120V; 60Hz |
| Test item: Radiation Test | Date: 2018/03/29 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 16:15:03 |
| EUT: Massage Chair | Engineer Signature: Frank |
| Mode: HOPPING(8DPSK) | Distance: 3m |
| Model: EC-528H | |
| Manufacturer: MARUTAKATECHNO CO., LTD | |

Note: Report NO.:ATE20172091



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 46.50 | -4.32 | 42.18 | 74.00 | -31.82 | peak | 250 | 91 | |
| 2 | 2390.000 | 36.45 | -4.32 | 32.13 | 54.00 | -21.87 | AVG | 300 | 147 | |
| 3 | 2400.000 | 64.65 | -4.27 | 60.38 | 74.00 | -13.62 | peak | 300 | 132 | |
| 4 | 2400.000 | 52.12 | -4.27 | 47.85 | 54.00 | -6.15 | AVG | 250 | 154 | |
| 5 | 2483.500 | 55.07 | -3.89 | 51.18 | 74.00 | -22.82 | peak | 250 | 56 | |
| 6 | 2483.500 | 43.12 | -3.89 | 39.23 | 54.00 | -14.77 | AVG | 250 | 54 | |
| 7 | 2500.000 | 43.54 | -3.81 | 39.73 | 74.00 | -34.27 | peak | 250 | 125 | |
| 8 | 2500.000 | 33.12 | -3.81 | 29.31 | 54.00 | -24.69 | AVG | 250 | 214 | |

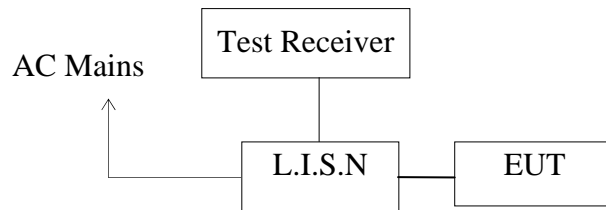
Note: Average measurement with peak detection at No.2&4&6&8

12.AC POWER LINE CONDUCTED EMISSION FOR FCC PART

15 SECTION 15.207(A)

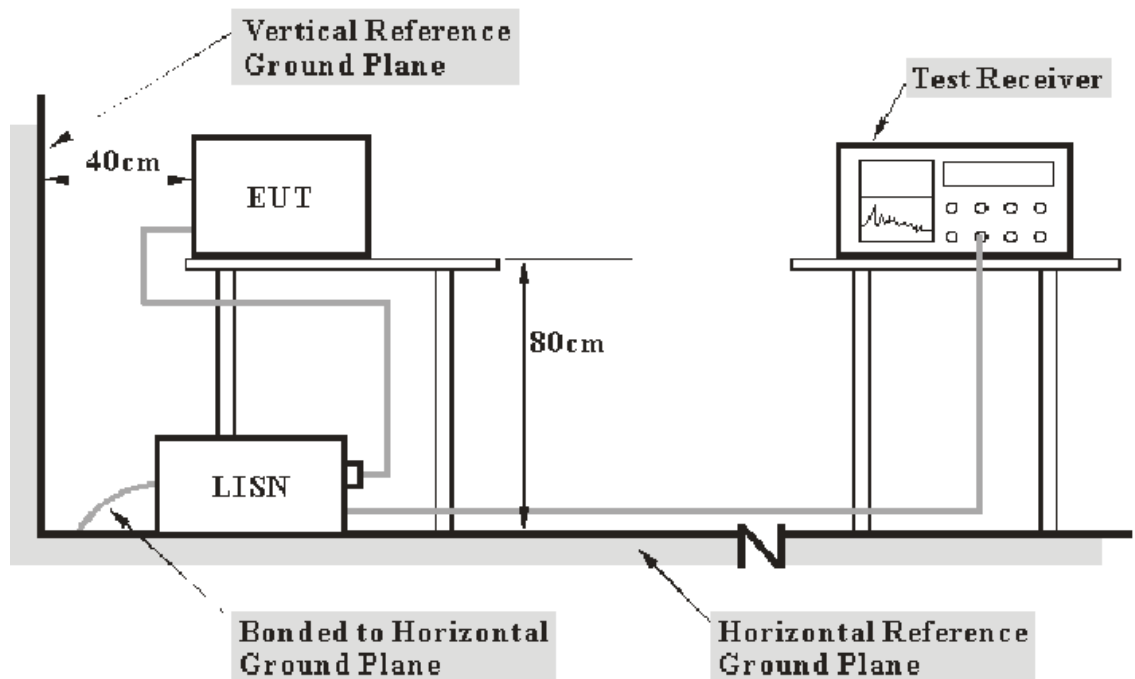
12.1.Block Diagram of Test Setup

12.1.1.Block diagram of connection between the EUT and simulators



(EUT: Massage Chair)

12.1.2.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 80 cm from other units and other metal planes support units.

12.2. 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.

12.3. Configuration of EUT on Measurement

The 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.

12.4. Operating Condition of EUT

12.4.1. Setup the EUT and simulator as shown as Section 12.1.

12.4.2. Turn on the power of all equipment.

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

12.5. Test Procedure

The EUT is put on the plane 0.1m 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.

12.6.Data Sample

| Frequency (MHz) | Transducer value (dB) | QuasiPeak Level (dB μ V) | Average Level (dB μ V) | QuasiPeak Limit (dB μ V) | Average Limit (dB μ V) | QuasiPeak Margin (dB) | Average Margin (dB) | Remark (Pass/Fail) |
|-----------------|-----------------------|------------------------------|----------------------------|------------------------------|----------------------------|-----------------------|---------------------|--------------------|
| xx.xxxx | 11.6 | 42.60 | 27.90 | 60.0 | 50.0 | -17.4 | -22.1 | Pass |

Frequency(MHz) = Emission frequency in MHz

Transducer value(dB) = Insertion loss of LISN + Cable Loss

Level(dB μ V) = Quasi-peak Reading/Average Reading + Transducer value

Limit (dB μ V) = Limit stated in standard

Margin = Limit (dB μ V) - Level (dB μ V)

Calculation Formula:

Margin = Limit (dB μ V) - Level (dB μ V)

12.7. Power Line Conducted Emission Measurement Results

PASS.

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

| | | | | | | | | |
|---|-------|--------|-------|--------|----------|------|-----|--|
| Test mode : BT communicating (AC 120V/60Hz) | | | | | | | | |
| EUT mode : EC-528H | | | | | | | | |
| MEASUREMENT RESULT: "2091-2_fin" | | | | | | | | |
| 2018-3-5 14:01 | | | | | | | | |
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE | |
| MHz | dBµV | dB | dBµV | dB | | | | |
| 0.150000 | 31.20 | 10.8 | 66 | 34.8 | QP | L1 | GND | |
| 0.624000 | 30.10 | 11.0 | 56 | 25.9 | QP | L1 | GND | |
| 1.128000 | 21.30 | 11.2 | 56 | 34.7 | QP | L1 | GND | |
| 2.495000 | 18.70 | 11.3 | 56 | 37.3 | QP | L1 | GND | |
| 11.840000 | 25.30 | 11.6 | 60 | 34.7 | QP | L1 | GND | |
| 21.975000 | 24.40 | 11.7 | 60 | 35.6 | QP | L1 | GND | |
| MEASUREMENT RESULT: "2091-2_fin2" | | | | | | | | |
| 2018-3-5 14:01 | | | | | | | | |
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE | |
| MHz | dBµV | dB | dBµV | dB | | | | |
| 0.150000 | 25.60 | 10.8 | 56 | 30.4 | AV | L1 | GND | |
| 0.624000 | 26.60 | 11.0 | 46 | 19.4 | AV | L1 | GND | |
| 1.870000 | 16.50 | 11.3 | 46 | 29.5 | AV | L1 | GND | |
| 2.495000 | 11.70 | 11.3 | 46 | 34.3 | AV | L1 | GND | |
| 11.840000 | 16.20 | 11.6 | 50 | 33.8 | AV | L1 | GND | |
| 22.250000 | 6.90 | 11.7 | 50 | 43.1 | AV | L1 | GND | |
| MEASUREMENT RESULT: "2091-1_fin" | | | | | | | | |
| 2018-3-5 13:59 | | | | | | | | |
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE | |
| MHz | dBµV | dB | dBµV | dB | | | | |
| 0.150000 | 31.20 | 10.8 | 66 | 34.8 | QP | N | GND | |
| 0.620000 | 30.10 | 11.0 | 56 | 25.9 | QP | N | GND | |
| 1.338000 | 22.00 | 11.2 | 56 | 34.0 | QP | N | GND | |
| 3.100000 | 23.60 | 11.3 | 56 | 32.4 | QP | N | GND | |
| 8.220000 | 17.40 | 11.5 | 60 | 42.6 | QP | N | GND | |
| 25.560000 | 29.20 | 11.7 | 60 | 30.8 | QP | N | GND | |
| MEASUREMENT RESULT: "2091-1_fin2" | | | | | | | | |
| 2018-3-5 13:59 | | | | | | | | |
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE | |
| MHz | dBµV | dB | dBµV | dB | | | | |
| 0.150000 | 25.70 | 10.8 | 56 | 30.3 | AV | N | GND | |
| 0.620000 | 29.20 | 11.0 | 46 | 16.8 | AV | N | GND | |
| 1.858000 | 17.70 | 11.2 | 46 | 28.3 | AV | N | GND | |
| 3.100000 | 16.80 | 11.3 | 46 | 29.2 | AV | N | GND | |
| 8.115000 | 3.90 | 11.5 | 50 | 46.1 | AV | N | GND | |
| 25.545000 | 21.40 | 11.7 | 50 | 28.6 | AV | N | GND | |

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

The spectral diagrams are attached as below.

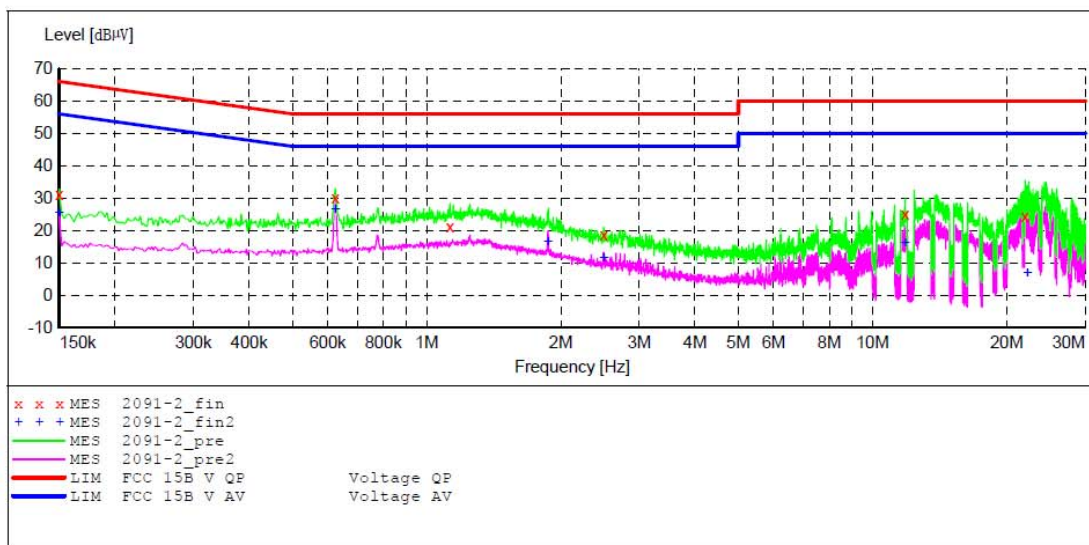
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Message Chair M/N:EC-528H
 Manufacturer: MARUTAKATECHNO CO., LTD
 Operating Condition: BT communicating
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120V/60Hz
 Comment: Report NO.:ATE20172091
 Start of Test: 2018-3-5 / 14:00:04

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "2091-2_fin"

2018-3-5 14:01

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000 | 31.20 | 10.8 | 66 | 34.8 | QP | L1 | GND |
| 0.624000 | 30.10 | 11.0 | 56 | 25.9 | QP | L1 | GND |
| 1.128000 | 21.30 | 11.2 | 56 | 34.7 | QP | L1 | GND |
| 2.495000 | 18.70 | 11.3 | 56 | 37.3 | QP | L1 | GND |
| 11.840000 | 25.30 | 11.6 | 60 | 34.7 | QP | L1 | GND |
| 21.975000 | 24.40 | 11.7 | 60 | 35.6 | QP | L1 | GND |

MEASUREMENT RESULT: "2091-2_fin2"

2018-3-5 14:01

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000 | 25.60 | 10.8 | 56 | 30.4 | AV | L1 | GND |
| 0.624000 | 26.60 | 11.0 | 46 | 19.4 | AV | L1 | GND |
| 1.870000 | 16.50 | 11.3 | 46 | 29.5 | AV | L1 | GND |
| 2.495000 | 11.70 | 11.3 | 46 | 34.3 | AV | L1 | GND |
| 11.840000 | 16.20 | 11.6 | 50 | 33.8 | AV | L1 | GND |
| 22.250000 | 6.90 | 11.7 | 50 | 43.1 | AV | L1 | GND |

ACCURATE TECHNOLOGY CO., LTD

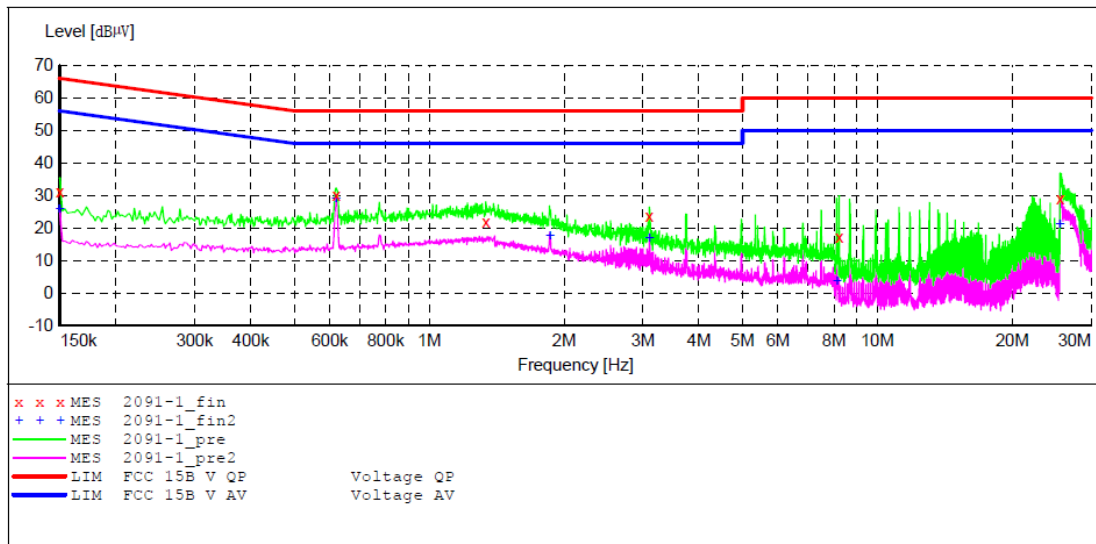
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Massage Chair M/N:EC-528H
 Manufacturer: MARUTAKATECHNO CO., LTD
 Operating Condition: BT communicating
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120V/60Hz
 Comment: Report NO.:ATE20172091
 Start of Test: 2018-3-5 / 13:57:19

SCAN TABLE: "V 150K-30MHz fin"

| Start | Stop | Step | Detector | Meas. Time | IF Bandw. | Transducer |
|-----------|----------|---------|-----------|------------|-----------|---------------|
| 150.0 kHz | 30.0 MHz | 4.5 kHz | QuasiPeak | 1.0 s | 9 kHz | NSLK8126 2008 |

Short Description: _SUB_STD_VTERM2 1.70
Average



MEASUREMENT RESULT: "2091-1_fin"

2018-3-5 13:59

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000 | 31.20 | 10.8 | 66 | 34.8 | QP | N | GND |
| 0.620000 | 30.10 | 11.0 | 56 | 25.9 | QP | N | GND |
| 1.338000 | 22.00 | 11.2 | 56 | 34.0 | QP | N | GND |
| 3.100000 | 23.60 | 11.3 | 56 | 32.4 | QP | N | GND |
| 8.220000 | 17.40 | 11.5 | 60 | 42.6 | QP | N | GND |
| 25.560000 | 29.20 | 11.7 | 60 | 30.8 | QP | N | GND |

MEASUREMENT RESULT: "2091-1_fin2"

2018-3-5 13:59

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000 | 25.70 | 10.8 | 56 | 30.3 | AV | N | GND |
| 0.620000 | 29.20 | 11.0 | 46 | 16.8 | AV | N | GND |
| 1.858000 | 17.70 | 11.2 | 46 | 28.3 | AV | N | GND |
| 3.100000 | 16.80 | 11.3 | 46 | 29.2 | AV | N | GND |
| 8.115000 | 3.90 | 11.5 | 50 | 46.1 | AV | N | GND |
| 25.545000 | 21.40 | 11.7 | 50 | 28.6 | AV | N | GND |

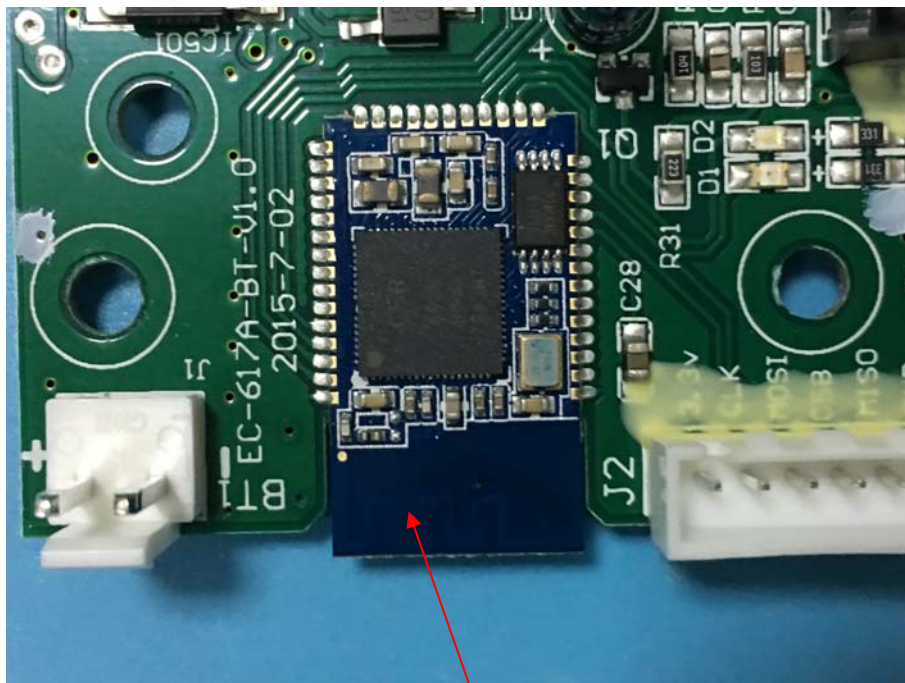
13.ANTENNA REQUIREMENT

13.1.The Requirement

According to 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.

13.2.Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Max Antenna gain of EUT is 2.5dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna

***** End of Test Report *****