

Statement of compliance to SAR

No. 161200599SHA-003

Applicant : Shanghai Rongtai Health Technology Corporation Limited
No. 1226, Zhufeng Road, Qingpu, Shanghai
Manufacturer : Shanghai Rongtai Health Technology Corporation Limited
No. 1226, Zhufeng Road, Qingpu, Shanghai
Product Name : Massage chair
Type/Model : RT6710S
TEST RESULT : PASS

According to **KDB 447498D01(v06)**, the following exclusion for portable devices:

The 1g and 10g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot \sqrt{f(\text{GHz})} \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,

Where:

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz;
- Power and distance are rounded to the nearest mW and mm before calculation;
- The result is rounded to one decimal place for comparison;

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

According the Test Report **161200599SHA-001**:

Maximum transmitter power:

Frequency (MHz)	Maximum output power (dBm)	Output power(mW)
2402	9.327	8.56
2441	8.309	6.77
2480	7.737	5.94

Distance = 5 mm (minimum separation distance: 5 mm was used in the calculation)

Result:

$$(8.56/5) \cdot \sqrt{2.402} = 2.653 < 3.0$$

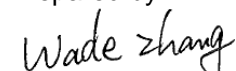
$$(6.77/5) \cdot \sqrt{2.441} = 2.115 < 3.0$$

$$(5.94/5) \cdot \sqrt{2.480} = 1.871 < 3.0$$

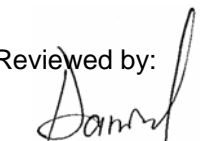
Conclusion: The SAR requirement is deemed to be satisfied without test.

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