



RF EXPOSURE EVALUATION

FCC ID: 2AP63-SC610

Product	:	Wireless mouse
Model Name	:	SC610, SC360SE, SC360, SC580SE, SC650, SC525, SC630Pro, SC100, V9, S610Pro
Brand	:	N/A
Report No.	:	PTC26020506902E-FC03
Prepared for		
SHENZHEN SUOAI ELECTRONICS TECHNOLOGY CO.,LTD		
8FL, A Block, huayuan Industrial area, Fuyong No.1 industrial zone, Baoan, Shenzhen, Guangdong, China		
Prepared by		
Precise Testing & Certification Co., Ltd.		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China		



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General Information

Applicant's name	:	SHENZHEN SUOAI ELECTRONICS TECHNOLOGY CO.,LTD
Address	:	8FL, A Block, huayuan Industrial area, Fuyong No.1 industrial zone, Baoan, Shenzhen, Guangdong, China
Manufacture's name	:	Dongguan Suoai Electronics Co., LTD
Address	:	No.3, Huayu Street, Changlong Village, Huangjiang Town, Dongguan City, Guangdong, China
Product Name	:	Wireless mouse
Model Name	:	SC610, SC360SE, SC360, SC580SE, SC650, SC525, SC630Pro, SC100, V9, S610Pro
Operating frequency	:	2402-2480MHz For DTS 2407-2473.5 MHz For DSS
Numbers of Channel	:	40 channels For DTS 20 channels For DSS
Antenna Type	:	PCB Antenna
Antenna Gain	:	2.34 dBi
Type of Modulation	:	GFSK For DTS GFSK For DSS
Power supply	:	DC 3.7V, 500mAh by internal battery DC 5V, 500mA input for charging Or charging by Charging dock
Charging dock	:	DC 5V, 100mA
Hardware Version	:	N/A
Software Version	:	N/A
Test sample No.	:	PTC26020506902E-1/2, PTC26020506902E-2/2.
Model difference	:	all models are different in color only. the function is same.



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TEST FACILITY

Precise Testing & Certification Co., Ltd

Address: Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong,
China

FCC Registration Number: 790290

A2LA Certificate No.: 4408.01

IC Registration Number: 12191A

FCC Designation Number: CN1219



Standard Requirement

According to § 15.247(i) and § 1.1307b(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See KDB 447498 D01 General RF Exposure Guidance v06, section 4. 3. 1.

The 1-g and 10-g SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances $\leq 50\text{mm}$ 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 SAR 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 $\leq 50\text{mm}$ and for transmission frequencies between 100MHz and 6GHz. When the minimum test separation distance is $< 5\text{mm}$, a distance of 5mm is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to quality for TCB approval.



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RF Output power

Channel (MHz)	Maximum output power (dBm)	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Distance (mm)	Calculation results	Limit	Operating Mode
2402	-6.87	-6.87 ± 1	0.259	5	0.080	3	DTS-BLE
2407	-6.89	-6.89 ± 1	0.258	5	0.080	3	DSS-SRD

According to KDB 447498, no stand-alone SAR required for BLE and SRD, and no simultaneous SAR measurement is required.

no stand-alone SAR required for BLE and SRD.

Signature

A handwritten signature in black ink that reads "Simon Pu".

Simon Pu

Manager

Date: 2026-04-16