

Report No.: SUCR240600021502
Rev.: 01
Page: 1 of 6

TEST REPORT

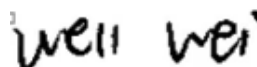
Application No.: SUCR2406000215AT
Applicant: Xiaomi Communications Co., Ltd.
Address of Applicant: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer: Xiaomi Communications Co., Ltd.
Address of Manufacturer: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
EUT Description: Xiaomi Focus Pen
Model No.: 23089MP43C
Trade Mark: Xiaomi
FCC ID: 2AFZZMP43C
Standards: 47 CFR Part 2.1093
FCC KDB 447498 D01 v06
Date of Receipt: June 29, 2024
Date of Issue: July 5, 2024

Test Result:	PASS*
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* In the configuration tested, the EUT complied with the standards specified above.



Prepared by: Hayley Zhang/ Project Manager



Approved by : Well Wei/ Wireless Laboratory Manager

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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		July 5, 2024		Original

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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn

Member of the SGS Group (SGS SA)

2 General Information

2.1 Client Information

Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 6336.01)**

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

- **FCC –Designation Number: CN1312**

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number: 717327

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2.3 General Description of EUT

EUT Description:	Xiaomi Focus Pen
Model No.:	23089MP43C
Trade Mark:	Xiaomi
Hardware Version:	V0.4
Software Version:	Xiaomi_LUX_1.0.3
Power Supply:	DC 3.84V
Antenna Type:	Ceramic Antenna
Antenna Gain:	Bluetooth: 2.26dBi
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.
Remark: As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.	

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3 SAR Testing Exclusions

This device contains a transmitter with Bluetooth LE that may be used in close proximity to the user's body. The maximum allowed output power of the 2.4 GHz Bluetooth LE module is 1.58 mw(Tune up=2 dBm). Per FCC KDB Publication 447498 D01v06, 1g SAR exclusion threshold for distance < 50mm is defined by the following equation:

$$\frac{\text{Max Power of Channel (mW)}}{\text{Test Separation Distance (mm)}} \times \sqrt{\text{Frequency (GHz)}} \leq 3.0$$

Based on the maximum output power of Bluetooth LE (rounded to the nearest mW) and the antenna to user separation distance, Bluetooth LE SAR was not required: $[(1.58/ 5) * \sqrt{2.480}] = 0.497 \leq 3.0$. Per FCC KDB Publication 447498 D01v06, the maximum power of the channel was rounded to the nearest mW before calculation. Since the minimum separation distance is < 5mm, a distance of 5 mm is applied to determine SAR test exclusion. Therefore, no SAR test is required to determine that this device will not exceed the FCC RF Exposure limit when being used at 0 mm from the human body.

---End of Report---

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