



Test report No:
2560810R.702B

FCC TEST REPORT

Product Name	Xiaomi Stylus
Trademark	Xiaomi
Model and /or type reference	2508DMP70G
FCC ID	2AFZZMP70G
Applicant's name / address	Xiaomi Communications Co., Ltd. #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Test method requested, standard	FCC 47CFR §2.1093
Verdict Summary	IN COMPLIANCE
Documented By(name / position & signature)	Jun Xu/ Project Engineer 
Approved by (name / position & signature)	Frank He/Technical Manager 
Date of issue	2025-08-27
Report Version	V1.0
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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Jul. 18, 2025
Date (start test)	Jul. 25, 2025
Date (finish test)	Jul. 30, 2025

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
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4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2560810R.702B	V1.0	Initial issue of report.	2025-08-27

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with FCC 47CFR §2.1093.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results relate only to the samples tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
 - Chapter 1.1 General Description of the Item(s);

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name:	Xiaomi Stylus					
Model No.:	2508DMP70G					
Trademark:	Xiaomi					
Hardware Version:	V01					
Software Version:	V0.0.13					
FCC ID:	2AFZZMP70G					
Power Supply:	External power supply voltage: 5.0Vdc Battery Powered: 3.80 Vdc					
Manufacturer:	Xiaomi Communications Co., Ltd.					
Manufacturer address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085					
Wireless specification:	Bluetooth (LE)					
Operating frequency range(s):	2402~2480MHz					
Type of Modulation:	GFSK					
PHYs:	<input checked="" type="checkbox"/>	LE 1M	<input checked="" type="checkbox"/>	LE 2M	<input type="checkbox"/>	LE Coded S=2/8
Data Rate:	<input checked="" type="checkbox"/>	1Mbit/s	<input checked="" type="checkbox"/>	2Mbit/s	<input type="checkbox"/>	500/125 Kbit/s
Antenna Type:	Ceramic Antenna					
Antenna Gain:	2.0dBi					

Remark:

As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information.

1.2 Test Facility

Tset Location : FCC Designation Number: CN1199

Tset Location : FCC Company Number: 566524

2 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 0.49 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: $[(1.58/ 5) * \sqrt{2.480}] = 0.154 \leq 3.0$. 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.

_____ The End _____