



SAR TEST REPORT

No. I19Z62195-SEM02

For

Xiaomi Communications Co., Ltd.

Mobile Phone

BRAND NAME: MI

Model name: M2001J2G /M2001J1G

With

Hardware Version: P2.2

Software Version: MIUI 11

FCC ID: 2AFZZJAG

Issued Date: 2020-4-8

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

No. 51 Shouxiang Science Building, Xueyuan Road, Haidian District, Beijing, P. R. China100191

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**REPORT HISTORY**

Report Number	Revision	Issue Date	Description
I19Z62195-SEM02	Rev.0	2020-2-28	Initial creation of test report
I19Z62195-SEM02	Rev.1	2020-4-8	Customer requests to add information about BRAND NAME.

1 Test Laboratory

1.1 Testing Location

Company Name:	CTTL(Shouxiang)
Address:	No. 51 Shouxiang Science Building, Xueyuan Road, Haidian District, Beijing, P. R. China100191

1.2 Testing Environment

Temperature:	Min. = 18°C, Max. = 25°C
Relative humidity:	Min. = 30%, Max. = 70%
Ground system resistance:	< 0.5 Ω
Ambient noise & Reflection:	< 0.012 W/kg

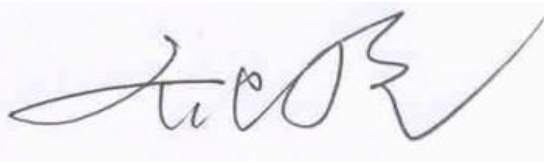
1.3 Project Data

Project Leader:	Qi Dianyuan
Test Engineer:	Lin Xiaojun
Testing Start Date:	February 10, 2020
Testing End Date:	February 10, 2020

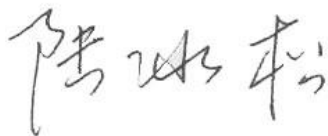
1.4 Signature



Lin Xiaojun
(Prepared this test report)



Qi Dianyuan
(Reviewed this test report)



Lu Bingsong
Deputy Director of the laboratory
(Approved this test report)

2 Client Information

2.1 Applicant Information

Company Name:	Xiaomi Communications Co., Ltd.
Address/Post:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Contact Person:	jiaoxiaogang
Contact Email:	mi-compliance@xiaomi.com
Telephone:	010-60606666-8088
Fax	010-60606666-1101

2.2 Manufacturer Information

Company Name:	Xiaomi Communications Co., Ltd.
Address/Post:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Contact Person:	jiaoxiaogang
Contact Email:	mi-compliance@xiaomi.com
Telephone:	010-60606666-8088

2.3 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW	SW Version
EUT1	860211040055263	P2.2	MIUI 11
EUT2	860211040055289	P2.2	MIUI 11

*EUT ID: is used to identify the test sample in the lab internally.

3 Statement of Compliance

Table 3.1: E-field Measurement by distance/battery level(D2D)

E Measurements (V/m)	30% battery		60% battery		90% battery		Limit(V/ m)
	Distance from probe(cm)		Distance from probe(cm)		Distance from probe(cm)		
	15	20	15	20	15	20	
A (Bottom)	0.31	0.36	0.37	0.39	0.36	0.33	614
B (Right)	0.31	0.36	0.43	0.39	0.41	0.36	614
C (Top)	0.31	0.36	0.29	0.35	0.39	0.36	614
D (Left)	0.29	0.36	0.31	0.33	0.36	0.33	614
E (Front)	0.32	0.31	0.34	0.33	0.39	0.31	614
F (Back)	0.31	0.29	0.32	0.3	0.34	0.3	614

Table 3.2: H-field Measurement by distance/battery level(D2D)

H Measurements (V/m)	30% battery		60% battery		90% battery		Limit(A/ m)
	Distance from probe(cm)		Distance from probe(cm)		Distance from probe(cm)		
	15	20	15	20	15	20	
A (Bottom)	0.477	0.436	0.448	0.424	0.491	0.436	1.63
B (Right)	0.461	0.471	0.443	0.424	0.465	0.433	1.63
C (Top)	0.477	0.462	0.437	0.414	0.473	0.424	1.63
D (Left)	0.481	0.468	0.437	0.427	0.476	0.431	1.63
E (Front)	0.423	0.426	0.501	0.437	0.467	0.409	1.63
F (Back)	0.463	0.464	0.452	0.435	0.441	0.401	1.63

Note:

1. The right and left edge are determined with the EUT screen facing the user.
2. Testing was performed with a calibrated field probe.
3. Testing was performed at the distances and different battery level as indicated on Table1 and Table2.
4. Measurement procedure was performed per CE Guidance.
5. The wage frequency range of the product is 110khz~148khz

4 Applicable Requirements

680106 D01: RF Exposure Wireless Charging Apps v03.

5 MAIN TEST INSTRUMENTS

Manufacturer	Model	Calibration Date	Cal Interval	Serial Number
NARDA	ELT-400	9/06/2019	Annual	XDdj2019-4097
NARDA	TYPE 18.0	4/23/2019	Annual	Z19-60163

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