

MPE REPORT

Report No.: SRTC2023-9004(F)-23032901(I2)

Product Name: Smart Phone

Applicant: Sharp Corporation

Manufacturer: Sharp Corporation

Specification: KDB 447498 D04

FCC ID: APYHRO00325

The State Radio_monitoring_center Testing Center (SRTC)

15th Building, No.30 Shixing Street, Shijingshan District, Beijing, P.R.China

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1 GENERAL INFORMATION

1.1 Notes of the test report

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1.2 Information about the testing laboratory

Company:	The State Radio_monitoring_center Testing Center (SRTC)
Test Site 1:	15th Building, No.30 Shixing Street, Shijingshan District
Test Site 2:	No.80, Zhaojiachang, Beizang, Daxing District
City:	Beijing
Country or Region:	P.R.China
Contacted person:	Liu Jia
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1.3 Applicant's details

Company:	Sharp Corporation
Address:	1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan

1.4 Manufacturer's details

Company:	Sharp Corporation
Address:	1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan

1.5 Test environment

Date of Receipt of test sample at SRTC:	2023/3/29	
Testing Start Date:	2023/4/23	
Testing End Date:	2023/4/28	
Environmental Data:	Temperature (°C)	Humidity (%)
Ambient	23	45
Normal Supply Voltage (V d.c.):	4.0	

2 DESCRIPTION OF THE DEVICE UNDER TEST

2.1 Final Equipment Build Status

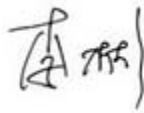
Frequency/Bandwidth:	7987.2MHz / 499.2MHz
Modulation	BPM/BPSK
Antenna Type	PCB
Antenna Gain	1.0dBi
Power Supply	Battery
Rated Power Supply Voltage	4V
HW Version	PVT
SW Version	A301G

3 REFERENCE SPECIFICATION

Specification	Version	Title
447498 D04	2021	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices

4 RESULT SUMMARY

No.	Test case	FCC reference
1	MPE Calculation	FCC KDB447498 D04

This Test Report Is Issued by: Mr. Peng Zhen 	Checked by: Mr. Li Bin 
Tested by: Ms. Li Jin 	Issued date: 20230509

5 TEST RESULTS

5.1 Output Power Test Result

Test Frequency (MHz)	Measured EIRP (dBm)	Limit (dBm)	Margin (dB)	Verdict
7987.2	-50.23	-41.30	8.93	Pass

5.2 Calculation result

According to KDB447498 D04, a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

Test Frequency (MHz)	Measured EIRP (dBm)	Measured EIRP (mW)	Limit (mW)	Verdict
7987.2	-50.23	0.0000095	1	Pass