

Radio frequency radiation exposure evaluation: portable devices

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	:Motorcycle dashcam
Identification / Type No.	:JS100A、JS100B、JS200A、JS200A-H、 JS100A-H、JS100B-H
FCC ID	: 2BDU4-JS100A
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[dBm] = \text{Conducted Peak Output Power} + \text{antenna gain} = 10.04 - 2.63 = 7.41dBm$
Since maximum peak output power of the transmitter is $7.41dBm \approx 5.51mW < 10mW$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.