

RF Exposure Report

Report No.: SA190614C18

FCC ID: NDD9532311904

Test Model: IC-3231GOP

Series Model: IC-S200WD

Received Date: Jun. 21, 2019

Test Date: Jul. 10, 2019 ~ Jun. 17, 2020

Issued Date: Jun. 18, 2020

Applicant: EDIMAX TECHNOLOGY CO., LTD.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

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Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City
33383, TAIWAN

FCC Registration / 788550 / TW0003
Designation Number:



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Release Control Record

Issue No.	Description	Date Issued
SA190614C18	Original release	Jun. 18, 2020

1 Certificate of Conformity

Product: 2MP WI-FI Bullet Cammera

Brand: EDIMAX

Test Model: IC-3231GOP

Series Model: IC-S200WD

Sample Status: Engineering sample

Applicant: EDiMAX TECHNOLOGY CO., LTD.

Test Date: Jul. 10, 2019 ~ Jun. 17, 2020

Standards: FCC Part 2 (Section 2.1091)

References Test Guidance: KDB 447498 D01 General RF Exposure Guidance v06
IEEE C95.3 -2002

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Polly Chien, **Date:** Jun. 18, 2020
Polly Chien / Specialist

Approved by : Bruce Chen, **Date:** Jun. 18, 2020
Bruce Chen / Senior Project Engineer

2 RF Exposure

2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

2.2 MPE Calculation Formula

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

r = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

3 Calculation Result of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
WLAN					
2412-2462	24.96	2	20	0.099	1
BT LE					
2402-2480	3.59	2	20	0.001	1

Note:

- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- WLAN and BT LE technology cannot transmit simultaneously.

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