



FCC RF EXPOSURE REPORT

Applicant	:	IC Realtime LLC
Address	:	3050 N. Andrews AVE EXT, Pompano Beach, Florida, United States, 33064
Equipment	:	Video Doorbell
Model No.	:	DINGER-PRO-3W, DINGER-PRO-3B
Trade Name	:	N/A
Date of Sample Receipt	:	Jul. 06, 2022
Date(s) of Test	:	Jul. 10, 2022~Jul. 20, 2022
FCC ID.	:	2ARDU-DINGER-PRO3

I HEREBY CERTIFY THAT:

The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Leevin Li / Supervisor



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History of this test report

Version No.	Report No	Date	Description
Rev.01	26070021-DRFCC05	Jul. 23, 2026	Initial Issue



1. Test Configuration of Equipment under Test

1.1 Feature of Equipment

Equipment	Video Doorbell
Model Name	DINGER-PRO-3W, DINGER-PRO-3B
Model Discrepancy	The models are identical to each other except for model name and appearance color. DINGER-PRO-3W is the representative for the final test.
Frequency Range	BLE/ Wi-Fi 2.4GHz: 2400-2483.5MHz Wi-Fi 5GHz: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
Modulation Type	BLE: GFSK Wi-Fi 2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM Wi-Fi 5GHz: 802.11a/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Data Rate	BLE: GFSK: 1Mbps, 2Mbps Wi-Fi 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0-MCS7, HT20 802.11ax: MCS0-MCS11, HE20 Wi-Fi 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0-MCS7, HT20/HT40 802.11ac: MCS0-MCS9, VHT20/40 802.11ax: MCS0-MCS11, HE20/40
Working Temperature	-25°C to 55°C
EUT Power Rating	5V=2A; 10-24V=1A; 14-24V~1A

Note:

1. EUT support Client mode without radar detection.
2. The EUT not support TPC
3. 802.11ax only support full RU.
4. For more details, please refer to the User's manual of the EUT.

**1.2 General Information of Test**

Test Site	Cerpass Technology Corporation(Cerpass Laboratory) Address: Room 102, No. 5, Xing'an Road, Chang'an Town, Dongguan City, Guangdong Province, China Tel: +86-769-8547-1212 Fax: +86-769-8547-1912
FCC Designation No.:	CN1288
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 40,000MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.



2. Radio Frequency Exposure

Device category	☐ Portable (<20cm separation) ☒ Mobile (>20cm separation)
Exposure classification	☐ Occupational/Controlled exposure (S = 5mW/cm ²) ☒ General Population/Uncontrolled exposure (S=1mW/cm ²)
Antenna diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Evaluation applied	☒ MPE Evaluation* ☐ SAR Evaluation ☐ N/A

TEST RESULTS

No non-compliance noted.

Calculation

Given $E = \frac{\sqrt{30 \times P \times G}}{d}$ & $S = \frac{E^2}{3770}$

Where E = Field strength in Volts / meter
 P = Power in Watts
 G = Numeric antenna gain
 d = Distance in meters
 S = Power density in milliwatts / square centimeter

Combining equations and re-arranging the terms to express the distance as a function of the remaining variables yields:

$$S = \frac{30 \times P \times G}{3770d^2}$$

Changing to units of mW and cm, using:

$$P \text{ (mW)} = P \text{ (W)} / 1000 \text{ and}$$

$$d \text{ (cm)} = d \text{ (m)} / 100$$

Yields

$$S = \frac{30 \times (P/1000) \times G}{3770 \times (d/100)^2} = 0.0796 \times \frac{P \times G}{d^2} \quad \text{Equation 1}$$

Where d = Distance in cm
 P = Power in mW
 G = Numeric antenna gain
 S = Power density in mW / cm²

**Maximum Permissible Exposure****Bluetooth**

Test Mode	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Max. Tune up power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
Bluetooth LE	2402-2480	0.360	2.360	3.50	20	0.001	1

Wlan

Test Mode	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Max. Tune up power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
WLAN 2.4G	2412-2462	17.870	19.870	3.50	20	0.043	1
WLAN 5G	5150-5250	12.080	14.080	2.13	20	0.008	1
	5250-5350	12.200	14.200	1.99	20	0.008	1
	5470-5725	10.410	12.410	3.25	20	0.007	1
	5725-5850	12.830	14.830	2.50	20	0.011	1

-----THE END OF REPORT-----