



FCC RF EXPOSURE REPORT

Applicant : ADESSO INC.

Address : 20659 Valley BLVD. Walnut, CA 91789

Equipment : Wireless Camera

Model No. : CyberView 2010, CyberView 2000, CyberView 3000, CyberView 3010, CyberView 3020, CyberView 4000, CyberView 5000, CyberView 2100, CyberView 2200, CyberView 2300, CyberView 2400, CyberView 2500, CyberView 2600, CyberView 2700, CyberView 2800, CyberView 2900, CyberView 3100, CyberView 3200, CyberView 3300, CyberView 3400, CyberView 3500, CyberView 3600, CyberView 3700, CyberView 3800, CyberView 3900, CyberView 4100, CyberView 4200, CyberView 4300, CyberView 4400, CyberView 4500, CyberView 4600, CyberView 4700, CyberView 4800, CyberView 4900, CyberView 5100, CyberView 5200, CyberView 5300, CyberView 5400, CyberView 5500, CyberView 5600, CyberView 5700, CyberView 5800, CyberView 5900

Trade Name : Adesso /Gyration

FCC ID : 2ACFQ-2010

I HEREBY CERTIFY THAT :

The sample was received on May. 23, 2023 and the testing was completed on Jun. 06, 2023 at CerpPASS Technology Corp. 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



Contents

1. Test Configuration of Equipment under Test.....	4
1.1 Feature of Equipment	4
1.2 General Information of Test.....	4
2. Radio Frequency Exposure	6



History of this test report

Version No.	Report No	Date	Description
Rev.01	DEFJ2304034	Jun. 09, 2023	Initial Issue



1. Test Configuration of Equipment under Test

1.1 Feature of Equipment

Equipment	Wireless Camera
Model Name	CyberView 2010, CyberView 2000, CyberView 3000, CyberView 3010, CyberView 3020, CyberView 4000, CyberView 5000, CyberView 2100, CyberView 2200, CyberView 2300, CyberView 2400, CyberView 2500, CyberView 2600, CyberView 2700, CyberView 2800, CyberView 2900, CyberView 3100, CyberView 3200, CyberView 3300, CyberView 3400, CyberView 3500, CyberView 3600, CyberView 3700, CyberView 3800, CyberView 3900, CyberView 4100, CyberView 4200, CyberView 4300, CyberView 4400, CyberView 4500, CyberView 4600, CyberView 4700, CyberView 4800, CyberView 4900, CyberView 5100, CyberView 5200, CyberView 5300, CyberView 5400, CyberView 5500, CyberView 5600, CyberView 5700, CyberView 5800, CyberView 5900
Model Description	Different color or tooling Model CyberView 2010 was chosen for final test.
Operation Frequency Range	BLE: 2400MHz-2483.5MHz WIFI 2.4G: 2400MHz-2483.5MHz
Center Frequency Range	BLE: 2402MHz-2480MHz WIFI 2.4G: 802.11b/g/n(20MHz): 2412-2462MHz
Modulation Type	BLE: GFSK WIFI 2.4G: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM
Data Rate	BLE: 1Mbps WIFI 2.4G: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: HT20 reach up to 72.2Mbps,
Antenna Spec.	BLE: PCB Antenna with 0.5dBi WIFI 2.4G: PIFA Antenna with -2.49dbi
Operating Voltage	3.7V DC 2000mAh; input: DC 5.0V/1.5A
Working Temperature	-10°C to +45°C

Note: For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

1.2 General Information of Test

Test Site	Cerpass Technology Corporation(Cerpass Laboratory) Address: Room 102, No. 5, Xing'an Road, Chang'an Town,
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	Dongguan City, Guangdong Province Tel: +86-769-8547-1212 Fax: +86-769-8547-1912
FCC Designation No.:	CN1288



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:

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

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**

Mode	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Max. Tune up power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)
GFSK(1Mbps)	2402-2480	0.85	2.85	0.5	20	0.0004

WiFi

Modulation Type	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Max. Tune up power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)
802.11g	2412-2462	23.120	25.120	-2.49	20	0.036

Maximum Permissible Exposure (Co-location)

Modulation Mode	Frequency band (MHz)	Max. Conducted (dBm)	Max. Tune up power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power density (mW/cm ²)
Bluetooth	2402-2480	0.850	2.85	0.50	20.00	0.0004
Wlan	2412-2462	23.120	25.12	-2.49	20.00	0.0365
Co-location Total						0.0369
Maximum Permissible Exposure Limit						1

Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

-----End of the report -----