RF EXPOSURE REPORT

Applicant	Savant Technologies LLC, dba GE Lighting, a Savant Company
Address	1975 Noble Road, Cleveland, Ohio 44112, United States

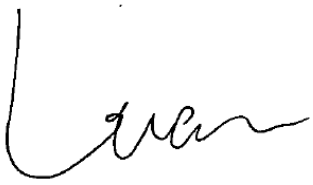
Manufacturer or Supplier	Savant Technologies LLC, dba GE Lighting, a Savant Company
Address	1975 Noble Road, Cleveland, Ohio 44112, United States
Product	Indoor Smart Camera
Brand Name	GE
Model	CAMIDWDPHDW1
Additional Model & Model Difference	N/A
Date of tests	Aug. 31, 2020 ~ Oct. 20, 2020

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Nov. 03, 2020

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2008WDG0364	Original release	Nov. 03, 2020

1. CERTIFICATION

FCC ID:	PUU-CAMIDWDPHD1
PRODUCT:	Indoor Smart Camera
BRAND NAME:	GE
MODEL NO.:	CAMIDWDPHDW1
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	Savant Technologies LLC, dba GE Lighting, a Savant Company
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

2. RF EXPOSURE LIMIT

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

3. MPE CALCULATION FORMULA

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

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

4. 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**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	3	FPCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
802.11b	2412-2462	17	+-2	15	19
802.11g	2412-2462	16	+-2	14	18
802.11n(HT20)	2412-2462	16	+-2	14	18
802.11n(HT40)	2422-2452	16	+-2	14	18

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
802.11b	2462	17.65
802.11g	2462	17.33
802.11n(HT20)	2462	16.47
802.11n(HT40)	2452	16.85

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	19	3	20	0.031530	1.0

--- END ---