

RF EXPOSURE REPORT

FCC ID: 2AW3X-APIC01W
IC:26330-AP01W

Applicant's name : APONE TECHNOLOGY CO., LTD.
Address : 6F.,No.258, Sec.1, Wenhua 1st Rd., Linkou Dist.,
New Taipei City 24447, Taiwan
Manufacturer : APONE TECHNOLOGY CO., LTD.

Equipment : Shadwer 5MP Security Camera
Trade Mark : APONE
Model : API-CB5M01W
Ratings : I/P: DC 5V 2A From Adapter.

Testing Laboratory : DongGuan ShuoXin Electronic Technology Co., Ltd.
Address : Zone A, 1F, No. 6, XinGang Road YuanGang Street,
XinAn District, ChangAn Town, DongGuan City,
GuangDong, China
According : FCC Guidelines for Human Exposure IEEE C95.1 &
FCC Part 2.1091

MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)	Note
1	N/A	N/A	PIFA	N/A	1.75	

TEST RESULTS

EUT :	Shadwer 5MP Security Camera	Model Name :	API-CB5M01W
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	DC 5V		

For FCC

2.4G WIFI

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.75	1.4962	21.79	151.0080	0.04497	1	Complies

Note: the calculated distance is 20 cm.