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# RF EXPOSURE REPORT

**REPORT NO.:** SA980630L08F

**MODEL NO.:** V72-370I

**FCC ID:** PIDMIMAX365

**ACCORDING:** FCC Guidelines for Human Exposure  
IEEE C95.1

**APPLICANT:** Airspan Networks Inc

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**ISSUED BY:** Bureau Veritas Consumer Products Services  
(H.K.) Ltd., Taoyuan Branch

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**TEST LOCATION:** No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei  
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R.O.C.

## 1. 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 <sup>2</sup> )	AVERAGE TIME (minutes)
<b>LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE</b>				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

## 2. MPE CALCULATION FORMULA

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

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = 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

## 3. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 23cm away from the body of the user. The device is a pole or wall mount CPE.

#### 4. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

##### FOR 3.5MHz CHANNEL BANDWIDTH:

Channel	Channel Frequency (MHz)	Output Power to Antenna (mW)	Antenna Gain (dBi)	Power Density (mW/cm <sup>2</sup> )	Limit of Power Density (mW/cm <sup>2</sup> )
Low	3651.75	73.11	15	0.348	1.00

##### FOR 5MHz CHANNEL BANDWIDTH:

Channel	Channel Frequency (MHz)	Output Power to Antenna (mW)	Antenna Gain (dBi)	Power Density (mW/cm <sup>2</sup> )	Limit of Power Density (mW/cm <sup>2</sup> )
Low	3652.50	111.17	15	0.529	1.00

##### FOR 7MHz CHANNEL BANDWIDTH:

Channel	Channel Frequency (MHz)	Output Power to Antenna (mW)	Antenna Gain (dBi)	Power Density (mW/cm <sup>2</sup> )	Limit of Power Density (mW/cm <sup>2</sup> )
Middle	3662.5	130.32	15	0.620	1.00

##### FOR 10MHz CHANNEL BANDWIDTH:

Channel	Channel Frequency (MHz)	Output Power to Antenna (mW)	Antenna Gain (dBi)	Power Density (mW/cm <sup>2</sup> )	Limit of Power Density (mW/cm <sup>2</sup> )
Low	3655.00	200.91	15	0.956	1.00