

# **FCC RF EXPOSURE REPORT**

**FCC ID: Q78-ZXHNHS320V20**

**Project No. : 1709C165**  
**Equipment : Wireless IP Camera**  
**Model : ZXHN HS320 V2.0**  
**Applicant : ZTE Corporation**  
**Address : ZTE Plaza, Hi-Tech Park, Nanshan District,  
Shenzhen, Guangdong, P.R.China**  
**According: : FCC Guidelines for Human Exposure IEEE C95.1 &  
FCC Part 2.1091**

**B T L I N C .**

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## MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

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

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)
1	Airgain	N2430LTMSBK	Chip	N/A	3.3

## TEST RESULTS

EUT:	Wireless IP Camera	Model Name :	ZXHN HS320 V2.0
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX B MODE /CH01, CH06, CH11		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.3	2.1380	18	63.0957	0.02685038	1	Complies

Note:

1. the calculated distance is 20 cm.
2. EIRP Power (Max.): 18dBm.