

FCC RF EXPOSURE REPORT

FCC ID: Q78-ZXHNH267N

Project No. : 1410C211A
Equipment : Home Gateway
Model : ZXHN H267N, ZXHN H168N
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**

B T L I N C .

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MPE CALCULATION METHOD:

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Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	W2G4-S01-Z	PIFA	N/A	2	TX/RX
2	N/A	N/A	PIFA	N/A	3	TX/RX

TEST RESULTS

EUT :	Home Gateway	Model Name :	ZXHN H267N, ZXHN H168N
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX B MODE _Total /CH01, CH06, CH11		

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
3	1.9953	24.23	264.8500	0.10518	1	Complies
3	1.9953	24.03	252.9298	0.10045	1	Complies
3	1.9953	22.60	181.9701	0.07227	1	Complies

EUT :	Home Gateway	Model Name :	ZXHN H267N, ZXHN H168N
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE _Total /CH01, CH06, CH11		

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
3	1.9953	22.50	177.8279	0.07062	1	Complies
3	1.9953	22.66	184.5015	0.07327	1	Complies
3	1.9953	22.00	158.4893	0.06294	1	Complies

EUT :	Home Gateway	Model Name :	ZXHN H267N, ZXHN H168N
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-20M MODE_ Total /CH01, CH06, CH11		

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
3	1.9953	25.85	384.5918	0.15274	1	Complies
3	1.9953	25.64	366.4376	0.14553	1	Complies
3	1.9953	23.15	206.5380	0.08203	1	Complies

EUT :	Home Gateway	Model Name :	ZXHN H267N, ZXHN H168N
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-40M MODE_ Total /CH03, CH06, CH09		

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
3	1.9953	26.71	468.8134	0.18619	1	Complies
3	1.9953	25.99	397.1915	0.15774	1	Complies
3	1.9953	25.14	326.5878	0.12970	1	Complies

Note: the calculated distance is 20 cm.