FCC RF EXPOSURE REPORT

FCC ID: Q78-ZXV10ET501

Project No.	**: 1611C202**
Equipment	**: Video Conference Terminal**
Model	**: ZXV10 ET501**
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**

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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 radia
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	N/A	Printed	N/A	1.8

TEST RESULTS

UNII-1

EUT：	Video Conference Terminal	Model Name :	ZXV10 ET501
Temperature:	25 ℃	Relative Humidity:	60%
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX A Mode / CH36, CH40, CH48		

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
1.8	1.5136	12.83	19.1867	0.00578	1	Complies
1.8	1.5136	12.92	19.5884	0.00590	1	Complies
1.8	1.5136	13.27	21.2324	0.00640	1	Complies

EUT：	Video Conference Terminal	Model Name :	ZXV10 ET501
Temperature:	25 ℃	Relative Humidity:	60%
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N20 Mode / CH36, CH40, CH48		

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
1.8	1.5136	12.87	19.3642	0.00583	1	Complies
1.8	1.5136	11.54	14.2561	0.00429	1	Complies
1.8	1.5136	13.31	21.4289	0.00646	1	Complies

UNII-3

EUT：	Video Conference Terminal	Model Name :	ZXV10 ET501
Temperature:	25 ℃	Relative Humidity:	60%
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX A Mode / CH149, CH157, CH165		

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
1.8	1.5136	15.26	33.5738	0.01011	1	Complies
1.8	1.5136	15.03	31.8420	0.00959	1	Complies
1.8	1.5136	14.94	31.1889	0.00940	1	Complies

EUT：	Video Conference Terminal	Model Name :	ZXV10 ET501
Temperature:	25 ℃	Relative Humidity:	60%
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N20 Mode / CH149, CH157, CH165		

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
1.8	1.5136	14.36	27.2898	0.00822	1	Complies
1.8	1.5136	14.17	26.1216	0.00787	1	Complies
1.8	1.5136	14.01	25.1768	0.00758	1	Complies

Note: the calculation distance is 20cm.