

FCC RF EXPOSURE REPORT

FCC ID: T58SEV204H

Project No. : 1503C201A
Equipment : 4CH Wireless NVR
Model : SEV204, SEK204
Applicant : NETIS SYSTEMS CO., LTD
**Address : 4F&5F R&D Building, Oriental Cyberport,
High-Tech Industrial Park, Nanshan,
Shenzhen, China.**
**According: : FCC Guidelines for Human Exposure IEEE
C95.1**

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		RF21S00001A	Dipole	R-SMA	5.24
2		RF21S00001A	Dipole	R-SMA	5.24

TEST RESULTS

EUT :	4CH Wireless NVR	Model Name :	SEV204, SEK204
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 ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.24	3.3420	13.92	24.6604	0.01640402	1	Complies
5.24	3.3420	14.01	25.1768	0.01674751	1	Complies
5.24	3.3420	14.12	25.8226	0.01717712	1	Complies

EUT :	4CH Wireless NVR	Model Name :	SEV204, SEK204
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE /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
5.24	3.3420	13.88	24.4343	0.01625363	1	Complies
5.24	3.3420	13.79	23.9332	0.01592027	1	Complies
5.24	3.3420	13.67	23.2809	0.01548640	1	Complies

EUT :	4CH Wireless NVR	Model Name :	SEV204, SEK204
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
5.24	3.3420	13.71	23.4963	0.01562969	1	Complies
5.24	3.3420	13.73	23.6048	0.01570183	1	Complies
5.24	3.3420	13.89	24.4906	0.01629110	1	Complies

EUT :	4CH Wireless NVR	Model Name :	SEV204, SEK204
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
5.24	3.3420	13.69	23.3884	0.01555788	1	Complies
5.24	3.3420	13.75	23.7137	0.01577431	1	Complies
5.24	3.3420	13.88	24.4343	0.01625363	1	Complies

Note: the calculated distance is 20 cm.