



MPE ESTIMATION

**Test report
On Behalf of
Linsun Smart Technology Co.,LTD
For
Smart pet dispenser
Model No.: D01, T980, V36, V3309, V86, W86, V96, W96, W66,
V66, W3309**

FCC ID: 2ATE8D01

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Report Number: HK1904230907-2E

**1, Limit for General Population/ Uncontrolled Exposures**

Frequency	Power density (mW/ cm ²)	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Note: F= Frequency in MHz

2, Estimation Result**2.4G WIFI**

Mode	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	13.06	12.5±1(13.5)	22.39	1	1.2589	0.00561
11g	11.14	11±1(12)	15.85	1	1.2589	0.00397
11n/HT20	10.86	10±1(11)	12.59	1	1.2589	0.00315
11n/HT40	9.67	9±1(10)	10.00	1	1.2589	0.00251
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note:						
PK Output power= conducted power.						
Conducted power see the test report HK1904230907-1E, antenna gain=1dBi						

when the minimum test separation distance is >20 cm, a distance of 20 cm is applied to determine SAR test exclusion. The test exclusion threshold is 0.00561mW/cm² which is < 1.0mW/cm², SAR testing is not required.

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