

## MPE ESTIMATION

FCC ID: 2A2J7ZL-CWB20-RGBCW

### 1. Limit for General Population/Uncontrolled Exposures

Frequency	Power Density(mW/cm <sup>2</sup> )	Averaging Time(minutes)
300MHz-1.5GHz	F/1500	30
1.5GHz-100GHz	1.0	30

Note: F= Frequency in MHz

### 2. Estimation Result

Mode	Max PK Output Power(dBm)	Tune Up Power(dBm)	Max Tune Up Power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm <sup>2</sup> )
11b	12.86	12±1(13)	19.95	1.9	0.6457	0.002564
11g	12.45	12±1(13)	19.95	1.9	0.6457	0.002564
11n/HT20	11.55	11±1(12)	15.85	1.9	0.6457	0.002037
11n/HT40	10.72	11±1(12)	15.85	1.9	0.6457	0.002037

$$Pd = \frac{Pout * G}{4\pi r^2}$$

Note:

Note: The estimation distance is 20cm.

Note: PK Output power=conducted power.

Conducted power see the test report UNIA22022137ER-62, antenna gain=1.9dBi.

-----The End-----