

MPE ESTIMATION

FCC ID: 2BEEX-HUA3Q

1. Limit for General Population/Uncontrolled Exposures

FCC Standard: FCC Rules and Regulations Part 15 Subpart C Section 15.247

ANSI C63.10: 2013, FCC part 2.1091

Frequency	Power Density(mW/cm2)	Averaging Time(minutes)
300MHz-1.5GHz	F/1500	30
1.5GHz-100GHz	1.0	30

Note: F= Frequency in MHz

2. Estimation Result

WIFI2.4G:

Mode	AV Output Power(dBm)	Tune Up Power(dBm)	Tune Up Power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	Power Density (mW/cm ²) Limit	Result
11b	13.00	13±1(14)	25.119	2.54	1.7947	0.008973	1.0	PASS
11g	11.06	11±1(12)	15.849	2.54	1.7947	0.005662	1.0	PASS
11n/HT20	8.68	9±1(10)	10.000	2.54	1.7947	0.003572	1.0	PASS
$Pd = \frac{P_{out} * G}{4\pi r^2}$								
Note:								
Note: The estimation distance is 20cm.								
Note: AV Output power=conducted power. Conducted power see the test report UNIA24010505ER-61, antenna gain=2.54dBi.								

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