MPE ESTIMATION

FCC ID: 2AAH78723BSV13

Limit for General Population/ Uncontrolled Exposures

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

Note: F=Frequency in MHz

Estimation Result

Mode	Channel	PK output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm^2)
11b	CH1	15.75	37.58	0	1	0.007478
	CH6	15.51	35.56	0	1	0.007076
	CH11	16.11	40.83	0	1	0.008125
11g	CH1	16.06	40.36	0	1	0.008032
	CH6	15.71	37.24	0	1	0.007411
	CH11	15.85	38.46	0	1	0.007654
11n20	CH1	15.41	34.75	0	1	0.006915
	CH6	15.15	32.73	0	1	0.006513
	CH11	15.21	33.19	0	1	0.006605
11n40	CH3	13.91	24.60	0	1	0.004895
	CH6	13.44	22.08	0	1	0.004394
	CH9	13.53	22.54	0	1	0.004485

Note:

Calculation

Given $E = \sqrt{\frac{30 \times P \times G}{d}}$ & $S = \frac{E^2}{3770}$

Where E = *Field Strength in Volts / meter*
P = *Power in Watts*
G=*Numeric antenna gain*
d=*Distance in meters*
S=*Power Density in milliwatts / square centimeter*

Note: The estimation distance is 20 cm

Note: PK Output power= conducted power.
Conducted power see the test report POCE14082837WRF.pdf.