FCC ID: 2AVCWMWC711

MPE Calculation

RF function or Mode	Frequency range (MHz)			Max. tune-up EIRP (dBm) ^{Note1}	Max. tune-up EIRP (mW)	Maximum power density (mW/cm²)	Requriment (mW/cm²)
802.11ad	60480	~	64800	34.00	2511.8865	0.4998	1.000
		~					
		~					
		~					
		~					
		~					
		~					
		~					
		~					

Note1: Please refer to the Operational Description for Max tune-up EIRP.

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and the body of the user.

The MPE sample calculation for this exposure is shown below.

• S = EIRP / (4 R² π) - Note = 2511.8865 / (4 X 20² X π) S= Maximum power density(mW/cm²) = 0.4998 mW/cm² EIRP= Equivalent Isotropic Radiated Power(mW)

R= Distance to the center of the radiation of the antenna(20cm)

Limits for General Population/Uncontrolled Exposure

Frequency range (MHz)		Electric Field strength (V/m)	Magnetic field strength (A/m)	Power Density (mW/cm ²)	Averageing time (minutes)	
0.3	~	1.34	614	1.63	*100	30
1.34	~	30	824/f	2.19 / f	*180 / f ²	30
30	~	300	27.5	0.073	0.2	30
300	~	1,500			f / 1500	30
1,500	~	100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

Conclusion: The exposure condition of this device is compliant with FCC