FCC ID: BEJTLAHW3IU-W

RF function or Mode	Frequency range (MHz)			Tune-up Max Conducted power(dBm)	Measured Conducted power(dBm)	Measured EIRP (dBm)	Adjusted EIRP to tune-up Max(dBm)	Maximum power density (mW/cm <sup>2</sup> )	Requriment (mW/cm <sup>2</sup> )
WCDMA850	826.40	~	846.60	24.00	22.77	23.17	24.40	0.0548	0.550
LTE Band 5	824.00	~	849.00	23.00	21.61	23.20	24.59	0.0573	0.549
LTE Band 7	2500.00	۲	2570.00	23.00	22.08	23.65	24.57	0.0570	1.000
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## MPE Calculation : WCDMA, LTE

Note1: Please refer to the operation description for Max tune-up power.

Note2: Adjusted EIRP to tune-up Max = Measured EIRP + (Tune-up Max. Conducted power - Measured Conducted power)

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  $R^2 \pi$ )
  - =  $24.4 / (4 \times 20^2 \times \pi)$
  - = 0.0548 mW/cm<sup>2</sup>

- Note

S= Maximum power density(mW/cm<sup>2</sup>)

EIRP= Equivalent Isotropic Radiated Power(mW)

R= Distance to the center of the radiation of the antenn

• Limits for Maximum Permissible Exposure (MPE)

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