

## FCC RF Exposure

EUT Description: Tablet PC  
Company: Cheng Fong International Limited  
FCC ID: W2VTB782B

Frequency: 2412-2462, 2422-2452 MHz  
Modulation: DSSS, OFDM  
Mid-Channel: 2.437 GHz  
Mid-Channel Peak Power, Conducted: 9.85 dBm == 9.66 mW  
Antenna Gain: G = 0 dBi

### Calculation:

$$\text{Limit} = 60/2.437 = \underline{24.62 \text{ mW}}$$

$$P_{\text{radiated, max}} = P_{\text{conducted, dBm}} + G_{\text{dBi}} = 9.85 \text{ dBm} + 0 \text{ dBi} == 9.85 \text{ dBm} = \underline{9.66 \text{ mW}}$$

### Conclusion:

The emitted power appears to be below the required limit, so PASS.

Note 1: f shall be the mid-band frequency expressed in GHz; the limit calculated with this mid-band frequency applies to all channels. For PTT with body-worn or face-held modes, d is the distance from the device case to a person's body; for modules with antennas inside laptops, d is the distance from the antenna to the person's body.

Note 2: Average Power levels are always equal or below the measured Peak Power levels, which means that calculating the EIRP using the Peak power can be considered as worst case.)