FCC MPE Calculation (Portable Device)

EUT Description: TABLET PC
Company: ILIFE TECHNOLOGY(HK) LIMITED
FCC ID: OI2D707

Frequency: 2412-2462, 2422-2452 MHz
Modulation: DSSS, OFDM
Mid-Channel: 2.437 GHz
Mid-Channel Peak Power, Conducted: 13.59 dBm == 22.89 mW
Antenna Gain: G = 0 dBi

For devices intended for the **General Population** and used in an **uncontrolled** manner, routine evaluation (SAR) for this device is not required, because the source-based time-averaged power (average conducted power or average radiated EIRP, whichever is the highest) is below the:

☒ Low threshold of 60/f for distances < 2.5 cm.

☐ High threshold of 60/f for distances < 20 cm.

Calculation:

Limit = 60/2.437 = <u>24.62 mW</u>

$P_{radiated, max} = P_{conducted, dBm} + G_{dBi}$ = 13.59 dBm + 0 dBi == 13.59 dBm = <u>22.89 mW</u>

Conclusion:

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

<u>Note 1:</u> 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 parson's body; for modules with antennas inside laptops, d is the distance from the antenna to the person's body.

<u>Note 2:</u> 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.)