



2.4GHz RF Exposure Evaluation

Model no: 17WFM25

FCC ID: 2AVQS-17WFM25

Refer to the 47CFR 15.247(i)

The test separation distances is ≥ 20 cm

The Maximum conducted output power = 17.37 dBm @ 2412 MHz (802.11b)

Tune-up power = 19.00 dBm (79.43 mW)

The Maximum e.i.r.p. = 19.0 dBm + 4.12 dBi = 23.12 dBm (205.12 mW)

Power Density = 0.04081 mW/cm^2

MPE Limit at 2412 MHz = 1.0 mW/cm^2

Simultaneous transmission Evaluation

2.4 GHz Wi-Fi + 2.4 GHz Bluetooth

Refer to Report No. 20/01-0031

The Maximum conducted output power = 7.79 dBm @ 2441 MHz (Bluetooth – 8DPSK)

Tune-up power = 8.00 dBm (6.31 mW)

The 2.4 GHz Bluetooth Maximum e.i.r.p. = 8.00 dBm + 0.29 dBi = 8.29 dBm (6.7453 mW)

Power Density = 0.00134 mW/cm^2

MPE Limit at 2441 MHz = 1.0 mW/cm^2

2.4 GHz Wi-Fi + 2.4 GHz Bluetooth = $0.04081 + 0.00134 = 0.04215 \text{ mW/cm}^2$

Therefore, the SAR evaluation can be exempted.

A handwritten signature in blue ink that reads 'Karl Simon'.

K. Simon,
Authorized Signatory