

## FCC MPE Calculation

FCC ID: UP5-SC-BT6000I

Frequency: 2402-2480 MHz (79 channels)

Modulation: FHSS (GFSK,  $\pi/4$ -DQPSK, 8DPSK)

Mid-Channel: 2.441 GHz (channel 39)

Mid-Channel Peak Power, Conducted: -0.30 dBm == 0.93 mW

Antenna Gain: G = 0 dBi

Calculation:

Limit =  $60/2.441 = 24.58$  mW

Pradiated, max = Pconducted, dBm + GdBi = -0.30 dBm + 0 dBi == -0.3 dBm = 0.93 mW

Conclusion:

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