

ATTACHMENT

FCC ID: PX8RA-5700-D

**** MPE Calculations ****

Environmental evaluation and exposure limit according to FCC CFR 47part 1, §1.1307, §1.1310

The calculation was done for required safe distance.

Limits for General Population/Uncontrolled Exposure

Note. This MPE calculation is worst case:

1. 700MHz and 850 frequency band

Maximum permissible exposure is $\text{Freq. (MHz)}/1500 = \text{MPE mW/cm}^2$

Freq = 777 MHz, $777/1500 = 0.518 \text{ mW/cm}^2$

2. 1900MHz band:

The maximum permissible power density is $=1 \text{ mW/ cm}^2$

Uplink output:

Max Tx output power at antenna input = 0.1 mW

According the typical application, the master unit is connected to BTS output by coupler. The DUT's uplink output signal is far smaller than BTS output signal, so the minimum safe distance for Occupational/Controlled exposure is far less than the safety distance of BTS, no additional declaration about minimum safe distance for the DUT.