

RF Exposure evaluation

Product Name: MobileXfer

FCC ID: 2AATY140903

According to 447498 D01 General RF Exposure Guidance v05

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$

$f(\text{GHz})$ is the RF channel **transmit frequency in GHz**

Power and distance are rounded to the nearest mW and mm before **calculation**

The result is rounded to one decimal place for comparison

Worse case is as below:

[2480 MHz -2.25dBm (0.595mW) output power]

$(0.595\text{mW} / 5\text{mm}) \cdot [\sqrt{2.480 (\text{GHz})}] = 0.1874 < 3.0 \text{ for 1-g SAR}$

Here we conclude SAR evaluation is not required.