

US Tech Test Report:
FCC ID:
Test Report Number:
Issue Date:
Customer:
Model:

FCC Part 15 Certification
2AACLX400FWM
15-0220
October 19, 2015
Camera tech
Xaver 400 Wireless Module

MPE and SAR Threshold Requirements

Highest Gain Antenna (900 MHz Zigbee) = 0 dBi

Peak Power (dBm)= 18.0 (highest measured output power level)
Gain of Transmit Antenna = 0 dBi
Distance = 50 mm
time based average= Duty Cycle = 3.3%

Total source based time average= (Pwr dBm) + (Ant gain dBi) * time based average

$$18.0 \text{ dBm} + 0 \text{ dBi} = 18.0 \text{ dBm (60 mW)} * 0.033 = 1.98 \text{ mW}$$

which is << less than 158 mW for FCC @ 50 mm
(limit from KDB 447498 D01 General 26 RF Exposure Guidance v05r01, Appendix A)