

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

FCC Part 15 Certification
2AACLX100FW
15-0220
October 16, 2015
Camero tech
Xaver 100

MPE and SAR threshold requirements

Highest Gain Antenna (900 MHz Zigbee) = 0 dBi

Peak Power (dBm)= 18.5 (highest measured output power level)

Gain of Transmit Antenna = 0 dBi

Distance = 50 mm

time based average= Duty Cycle = 4.2%

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

$$18.5 \text{ dBm} + 0 \text{ dBi} = 18.5 \text{ dBm} (70 \text{ mW}) * 0.042 = 2.94 \text{ mW}$$

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