

FCC RF Exposure

Product Name: Vehicle Detector

FCC ID: 2BM3Y-SU50448

Model(s): SU 50448 II

1. Applicable Standard

According to §1.1307(b)(3)(i)(A), The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

2. RF Exposure Evaluation

$$\text{EIRP(dBm)} = 70.62(\text{dBuV/m}) - 95.2 = -24.58(\text{dBm})$$

| Output power (dBm) | Output power (mw) | Limit (mW) | Exclusion |
|-----------------------|----------------------|------------|-----------|
| -24.58 | 0.003483 | 1.0 | Pass |