



Global Product Certification  
EMC-EMF Safety Approvals

## EMC Technologies Pty. Ltd.

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|                   |   |
|-------------------|---|
| <b>To</b>         | Federal Communications Commission   |
| <b>Attention:</b> | Certification Officer   |
| <b>EMCT Ref:</b>  | M2404009  |
| <b>Date:</b>      | July 15, 2024   |
| <b>Subject:</b>   | REDARC Technologies Pty Ltd<br>Request for Original Certification (FCC ID: 2BAH6-EBRHXMUNA) |

|                      |   |
|----------------------|---|
| <b>Product Name:</b> | Electric Trailer Brake Controller Main unit   |
| <b>Model:</b>        | EBRHX-MU-NA   |
| <b>FCC ID:</b>       | 2BAH6-EBRHXMUNA   |
| <b>Radio:</b>        | Nordic Semiconductor nRF52833 (BLE)<br>Frequency Band: 2402 – 2480 MHz  |
| <b>Antenna:</b>      | 2.4 GHz SMT MID Chip Antenna<br>(Molex – 47980001 monopole)   |
| <b>Description:</b>  | Controller for automotive trailer brakes. It monitors vehicle movements and stop lamps and responds by driving current to brake actuators on a trailer. |

### Please Note:

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|------------------------------------|--|
| <b>Permanent Confidentiality:</b>  | Application includes request for permanent confidentiality –<br>Operational Description, Block Diagram, Schematics                         |
| <b>Short-Term Confidentiality:</b> | Application includes request for short-term confidentiality – 180 days<br>Internal Photos, External Photos, Test Setup Photos, User Manual |
| <b>Agent:</b>                      | EMC Technologies is acting as agent for REDARC Technologies in<br>this application.  |

Regards

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