**<Coolr Group Inc>**

**Risk assessment Report according to 2014/53/EU RED**

**Reference No.: WTD23D12265325X1W-RA**

Date: 2024-04-19

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| Product Name: | VistaZ |
| Model No.: | CVZ-0303, CVL-0303 |
| Model Description: | Only the model name and cellular modular are different. The model CVZ-0303 with cellular modular. The model CVL-0303 without cellular modular. The test sample model was CVZ-0303. |
| Brand Name: | N/A |
| Hardware Version: | V01 Rev 0.02 |
| Software Version: | v17.1 |
| Product Description: | VistaZ with BLE, 2.4G Wi-Fi, GSM, LTE |
| Antenna installation: | BLE/2.4G Wi-Fi: ceramic antenna  GSM/LTE: Dipole Antenna |

Manufacturer claims this product is used under general public environmental conditions and has been tested

by a third party laboratory to comply with the requirements of RED 2014/53 / EU. This product is a portable

device for use by users. Environmental working conditions including the extreme conditionsand related

tests are as follows:

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| Requirements | No. | Risk Item | Analysis |
| Environmental Condition | 1 | Operating Temperature  -20 °C ~ 50 °C | Inherent Regulating Network Protected |
| 2 | Operating Humidity  65+/-20 %RH | Inherent regulating Network Protected |
| Article 3.2 RF | 1 | Output Power under normal and extreme conditions | Fulfilled the requirements of Test Standards as follow :  ETSI EN 300 328 V2.2.2 (2019-07)  ETSI EN 301 511 V12.5.1 (2017-03)  ETSI EN 301 908-1 V15.1.1 (2021-09)  ETSI EN 301 908-13 V13.2.1 (2022-02) |
| 2 | Radiation Spurious Emission | Fulfilled the requirements of Test Standards as follow :  ETSI EN 300 328 V2.2.2 (2019-07)  ETSI EN 301 511 V12.5.1 (2017-03)  ETSI EN 301 908-1 V15.1.1 (2021-09)  ETSI EN 301 908-13 V13.2.1 (2022-02) |
| 3 | Receiver Blocking | Fulfilled the requirements of Test Standards as follow :  ETSI EN 300 328 V2.2.2 (2019-07)  ETSI EN 301 511 V12.5.1 (2017-03)  ETSI EN 301 908-1 V15.1.1 (2021-09)  ETSI EN 301 908-13 V13.2.1 (2022-02) |
| Article 3.1b | 1 | EMI Performance | Fulfilled the requirements of Test Standards as follow :  EN 55032:2015+A1:2020  ETSI EN 301 489-1 V2.2.3 (2019-11)  ETSI EN 301 489-17 V3.2.4 (2020-09)  ETSI EN 301 489-52 V1.2.0 (2021-11) |
| 2 | EMS Performance | Fulfilled the requirements of Test Standards as follow :  EN 55035:2017+A11:2020  ETSI EN 301 489-1 V2.2.3 (2019-11)  ETSI EN 301 489-17 V3.2.4 (2020-09)  ETSI EN 301 489-52 V1.2.0 (2021-11) |
| 3 | Under Vehicular Environment | N/A |
| Article 3.1a (Safety) | 1 | Electric Shock Hazards  a) leakage current;  b) energy supply;  c) stored charges;  d) arcs;  e) electric shock;  f) burns. | Fulfilled the requirements of Test Standards as follow:  EN IEC 62368-1:2020+A11:2020 |
| 2 | Mechanical Hazards  1) instability;  2) break-down during operation;  3) falling or ejected objects;  4) inadequate surfaces, edges or corners;  5) moving parts, especially where there may be variations in the rotational speed of parts;  6) vibration;  7) improper fitting of parts. | Fulfilled the requirements of Test Standards as follow:  EN IEC 62368-1:2020+A11:2020 |
| 3 | Protection against other hazards  1) Explosion  2) Optical radiation  3) Fire  4) Temperature  5) Acoustic Noise  6) Biological and chemical effects  7) Emissions, production and/or  use of hazardous substances  8) e.g. gases, liquids, dusts,  mists, vapour)  9) Unattended operation  10) Connection to and  interruption from power supply  11) Combination of equipment  l) Implosion  m) Hygiene conditions  n) Ergonomics | Fulfilled the requirements of Test Standards as follow:  EN IEC 62368-1:2020+A11:2020 |
| 4 | Functional safety and reliability   1. Equipment design   a) it can withstand normal use in foreseeable environmental conditions, including electric, magnetic and electromagnetic disturbances considered as relevant in the product EMC standard or generic EMC standard;  b) it can withstand reasonably foreseeable misuse;  c) errors in logic (but occurring only one at a time) will not cause hazards;  d) interruptions or normal fluctuations in the power supply will not cause hazards.   1. Type related hazards   a) starting or stopping unexpectedly;  b) hazards resulting from failure to stop.   1. System faults | The equipment is designed to meet safety and battery radiation requirements. Starting or stopping unexpectedly and system faults does not cause a security threat. All reports and user manuals can guarantee this. |
| Article 3.1a (Health or SAR) | 1 | Hazards arising from electric,  magnetic, and electromagnetic fields  (Tested under 5mm separation distance) | Fulfilled the requirements of Test Standards as follow :  EN IEC 62311:2020  EN 50665:2017 |
| 2 | b) Minimum distance required, MPE or SAR | 20cm MPE report. |
| 3 | Ionizing and non-ionizing radiation | Requirements to meet Health or SAR reports and standards:  EN IEC 62311:2020  EN 50665:2017 |

This device has multiple RF functions, one of which can work simultaneously: BLE, 2.4G Wi-Fi, GSM, LTE. And we measurement the Intermodulation (Co-Location or Simultaneous Transmission) in SAR report for related requirements.Confirmed to meet the requirements of the RED 2014/53/EU directive Article 3.1a.

The compliance assessment uses harmonized standards where possible, application of harmonized and “target to be harmonized” standards. The test suite for each product ensures compliance with the normative requirements of harmonized standards, and Notified body review of Art 3.1a, 3.1b and 3.2 compliance.

This product is intended for sale and application in a business environment.

Signature:

Contact Name/Title:XXXXX /Manager

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Company: Coolr Group Inc