**EQ/MR 01: Measurement of radio frequency radiated emission test**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample: | | | CRE2-2025-TP002-02 | | |
| Project: | CRE2-2025-TP002 RESAC | | | | |
| Operator: | | VA/FK, 17/02/2025 17:31:53 | | | |
| Test Configuration: | | | | | Antenna position:in front of harness, DUT Orientation:axis X, Housing connected to the ground plane:no, Configuration of the power return line LV:remotely grounded, - |
| Operating mode: | | | | Mode 3, Conclusion : comply | |

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CISPR.AVG/Lim.Avg (2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Frequency (MHz) | SR | CISPR.AVG (dBÂµV/m) | Lim.Avg (dBÂµV/m) | CISPR.AVG-Lim.Avg (dB) | Polarization | Correction (dB) |
| 1.25425 | 1 | 18.35 | 44.00 | -25.65 | Vertical | 9.92 |
| 27.25975 | 2 | 4.57 | 28.00 | -23.43 | Vertical | 10.29 |

Peak/Lim.Q-Peak (2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Frequency (MHz) | SR | Peak (dBÂµV/m) | Lim.Q-Peak (dBÂµV/m) | Peak-Lim.Q-Peak (dB) | Polarization | Correction (dB) |
| 1.25875 | 1 | 33.25 | 51.00 | -17.75 | Vertical | 9.92 |
| 27.26875 | 2 | 22.15 | 45.00 | -22.85 | Vertical | 10.29 |

Q-Peak/Lim.Q-Peak (2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Frequency (MHz) | SR | Q-Peak (dBÂµV/m) | Lim.Q-Peak (dBÂµV/m) | Q-Peak-Lim.Q-Peak (dB) | Polarization | Correction (dB) |
| 1.2565 | 1 | 31.39 | 51.00 | -19.61 | Vertical | 9.92 |
| 27.25975 | 2 | 16.05 | 45.00 | -28.95 | Vertical | 10.29 |

Peak/Lim.Peak (2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Frequency (MHz) | SR | Peak (dBÂµV/m) | Lim.Peak (dBÂµV/m) | Peak-Lim.Peak (dB) | Polarization | Correction (dB) |
| 1.25875 | 1 | 33.25 | 64.00 | -30.75 | Vertical | 9.92 |
| 27.26875 | 2 | 22.15 | 58.00 | -35.85 | Vertical | 10.29 |

**Test parameters**

|  |  |
| --- | --- |
| **Name test:** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 9kHz** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **100kHz-10MHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 9kHz** |
| step | 2.25kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 9kHz-30MHz\_rod | | number of sweeping | 3 |
| RBW | 9kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **10MHz-30MHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 9kHz** |
| step | 2.25kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 9kHz-30MHz\_rod | | number of sweeping | 3 |
| RBW | 9kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

**EQ/MR 01: Measurement of radio frequency radiated emission test**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample: | | | CRE2-2025-TP002-02 | | |
| Project: | CRE2-2025-TP002 RESAC | | | | |
| Operator: | | NDN/WD, 17/02/2025 19:07:22 | | | |
| Test Configuration: | | | | | Antenna position:in front of harness, DUT Orientation:axis X, Housing connected to the ground plane:no, Configuration of the power return line LV:remotely grounded, - |
| Operating mode: | | | | Mode 3, Conclusion : comply | |

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**Test parameters**

|  |  |
| --- | --- |
| **Name test:** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 9kHz\_GNSS** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **1.156GHz-1.617GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 9kHz\_GNSS** |
| step | 2.25kHz | | pre-amplifier | ON |
| set up | USE\_CRE2\_RESAC (A) 1.1-1.7GHz\_GPS\_horn | | number of sweeping | 3 |
| RBW | 9kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **1.156GHz-1.617GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 9kHz\_GNSS** |
| step | 2.25kHz | | pre-amplifier | ON |
| set up | USE\_CRE2\_RESAC (A) 1.1-1.7GHz\_GPS\_horn | | number of sweeping | 3 |
| RBW | 9kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

**EQ/MR 01: Measurement of radio frequency radiated emission test**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample: | | | CRE2-2025-TP002-02 | | |
| Project: | CRE2-2025-TP002 RESAC | | | | |
| Operator: | | NDN/WD, 17/02/2025 19:42:32 | | | |
| Test Configuration: | | | | | Antenna position:in front of harness, DUT Orientation:axis X, Housing connected to the ground plane:no, Configuration of the power return line LV:remotely grounded, - |
| Operating mode: | | | | Mode 3, Conclusion : comply | |

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**Test parameters**

|  |  |
| --- | --- |
| **Name test:** | **CRE2-2025-TP002-02\_ER\_In front of DUT RBW 9kHz\_GNSS** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **1.156GHz-1.617GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of DUT RBW 9kHz\_GNSS** |
| step | 2.25kHz | | pre-amplifier | ON |
| set up | USE\_CRE2\_RESAC (A) 1.1-1.7GHz\_GPS\_horn | | number of sweeping | 3 |
| RBW | 9kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **1.156GHz-1.617GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of DUT RBW 9kHz\_GNSS** |
| step | 2.25kHz | | pre-amplifier | ON |
| set up | USE\_CRE2\_RESAC (A) 1.1-1.7GHz\_GPS\_horn | | number of sweeping | 3 |
| RBW | 9kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

**EQ/MR 01: Measurement of radio frequency radiated emission test**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample: | | | CRE2-2025-TP002-02 | | |
| Project: | CRE2-2025-TP002 RESAC | | | | |
| Operator: | | VA/FK, 18/02/2025 16:36:12 | | | |
| Test Configuration: | | | | | Antenna position:in front of harness, DUT Orientation:axis X, Housing connected to the ground plane:no, Configuration of the power return line LV:remotely grounded, - |
| Operating mode: | | | | Mode 3, Conclusion : comply | |

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**Test parameters**

|  |  |
| --- | --- |
| **Name test:** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **30MHz-200MHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |
| step | 30kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 20MHz-300MHz\_biconical with preamp | | number of sweeping | 3 |
| RBW | 120kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **30MHz-200MHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |
| step | 30kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 20MHz-300MHz\_biconical with preamp | | number of sweeping | 3 |
| RBW | 120kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **200MHz-1GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |
| step | 30kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 200MHz-2GHz\_log-periodic with preamp | | number of sweeping | 3 |
| RBW | 120kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **200MHz-1GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |
| step | 30kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 200MHz-2GHz\_log-periodic with preamp | | number of sweeping | 3 |
| RBW | 120kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **1.805GHz-1.995GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |
| step | 30kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 200MHz-2GHz\_log-periodic with preamp | | number of sweeping | 3 |
| RBW | 120kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **name** | **1.805GHz-1.995GHz** |  | **filename** | **CRE2-2025-TP002-02\_ER\_In front of harness RBW 120kHz With PA** |
| step | 30kHz | | pre-amplifier | OFF |
| set up | USE\_CRE2\_RESAC (A) 200MHz-2GHz\_log-periodic with preamp | | number of sweeping | 3 |
| RBW | 120kHz | | dynamic | 120 dB |
| Span | 0.1 MHz | | reference level | 70 dBµV |
| VBW | Auto | | RF attenuation | 0 dB |
| sweep time | 1000 ms/Step | | RF attenuation min |  |
| Maxhold | 5 s | |  |  |