

## Annex 1: Measurement diagrams 22-1-0097501T13a-A1

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                             |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------|
| <b>Number of pages:</b>                                 | 6                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date of Report:</b> | 2023-May-05                 |
| <b>Testing company:</b>                                 | CETECOM GmbH<br>Im Teelbruch 116<br>45219 Essen Germany<br>Tel. + 49 (0) 20 54 / 95 19-0<br>Fax: + 49 (0) 20 54 / 95 19-150                                                                                                                                                                                                                                                                                         | <b>Applicant:</b>      | Servus Intralogistics GmbH  |
| <b>Product:</b><br><b>Model:</b>                        | Transport Robot<br>Transport Robot Generation 5                                                                                                                                                                                                                                                                                                                                                                     |                        |                             |
| <b>FCC ID:</b>                                          | Contains FCC ID: XF6-M7DB7                                                                                                                                                                                                                                                                                                                                                                                          | <b>IC:</b>             | Contains IC ID: 8407A-M7DB7 |
| <b>Testing has been carried out in accordance with:</b> | <b>FCC Regulations</b><br>Title 47 CFR, Chapter I, Subchapter A, Part 15<br><b>Subpart B Unintentional Radiators</b><br>§ 15.109 Radiated emission limits<br><br><b>ISED-Regulations</b><br><b>Radio Standards Specification</b><br><b>RSS-Gen, Issue 5</b><br>General Requirements for Compliance of Radio Apparatus<br><b>ICES-003, Issue 7</b><br>Information Technology Equipment (including Digital Apparatus) |                        |                             |

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## 1 Measurement diagrams

### 3.01

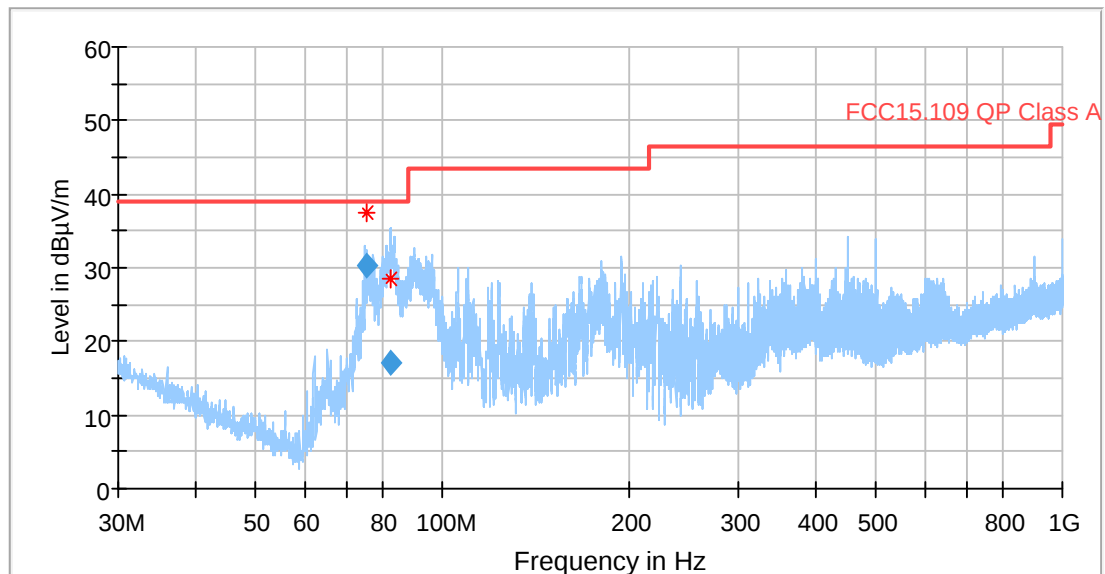
#### Common Information

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Test Description:         | Radiated field strength emission in 3m distance |
| Test Site:                | CETECOM GmbH Essen                              |
| Test Standard:            | FCC 15.109 Unintentional Radiator               |
| Antenna polarisation:     | horizontal/vertical                             |
| Operation mode:           | 01                                              |
| Operator Name:            | HLa                                             |
| Environmental Conditions: | Humidity : 41%rH; Temperature: 21°C             |
| Verdict:                  | Passed                                          |

#### EUT Information

|            |                   |
|------------|-------------------|
| PMT number | 22-1-00975S28_C01 |
|------------|-------------------|

Full Spectrum



#### Final\_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) | Comment               |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|-----------------------|
| 75.610000       | 30.28              | 39.00          | 8.72        | 120.000         | 277.0       | H   | 80.0          | -4.0         | 11:47:40 - 02.05.2023 |
| 82.310000       | 17.12              | 39.00          | 21.88       | 120.000         | 114.0       | H   | 33.0          | -3.1         | 11:53:04 - 02.05.2023 |

## 4.01a

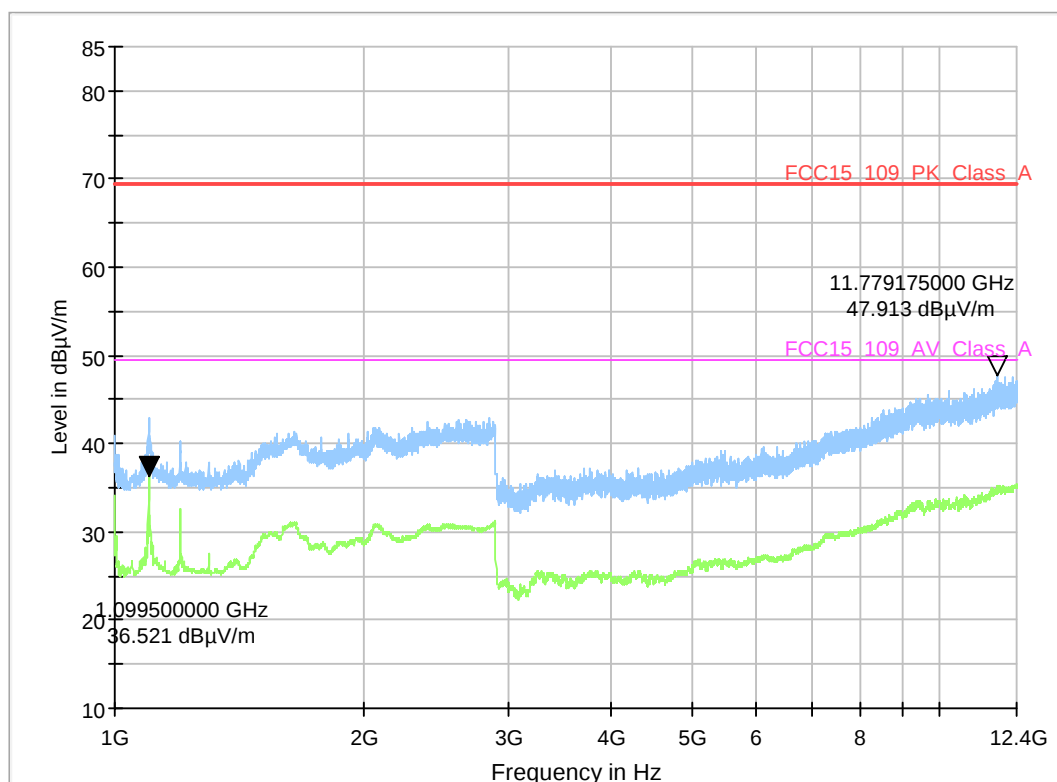
### Common Information

|                           |                                              |
|---------------------------|----------------------------------------------|
| Test Description:         | Radiated Filed Strength Emission             |
| Test Site Location:       | CETECOM GmbH Essen                           |
| Test Site:                | Fully Anechoic Room (FAR2)                   |
| Test Standard:            | FCC Part 15.109, class B / RSS-Gen., Issue 5 |
| Operating Mode:           | 01                                           |
| Equipment Class:          | Class B                                      |
| Environmental Conditions: | Humidity: 40 %rH; Temperature: 21 °C         |
| Operator:                 | Hla                                          |
| Verdict:                  | Passed                                       |

### EUT Information

|                |                   |
|----------------|-------------------|
| PMT Sample Nr. | 22-1-00975S28_C01 |
|----------------|-------------------|

Full Spectrum



## 4.01b

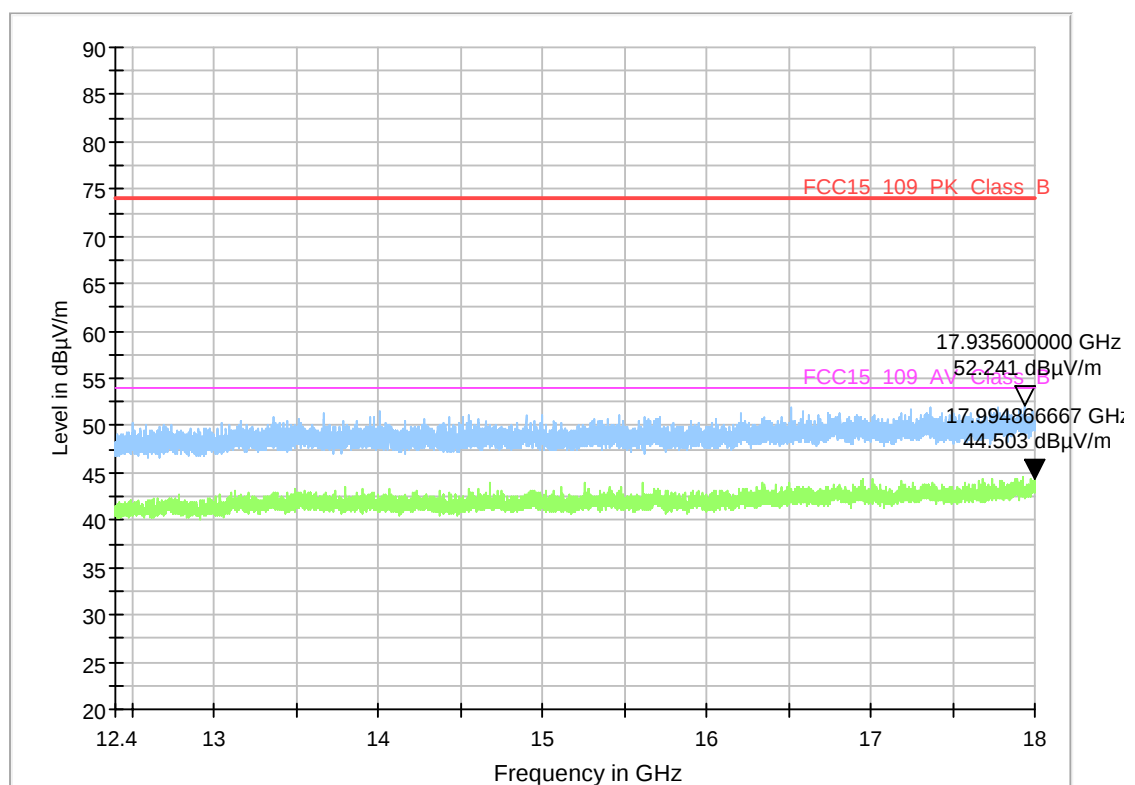
### Common Information

|                           |                                              |
|---------------------------|----------------------------------------------|
| Test Description:         | Radiated Filed Strength Emission             |
| Test Site Location:       | CETECOM GmbH Essen                           |
| Test Site:                | Fully Anechoic Room (FAR2)                   |
| Test Standard:            | FCC Part 15.109, class B / RSS-Gen., Issue 5 |
| Operating Mode:           | 01                                           |
| Equipment Class:          | Class B                                      |
| Environmental Conditions: | Humidity: 40 %rH; Temperature: 21 °C         |
| Operator:                 | Hla                                          |
| Verdict:                  | Passed                                       |

### EUT Information

|                |                   |
|----------------|-------------------|
| PMT Sample Nr. | 22-1-00975S28_C01 |
|----------------|-------------------|

Full Spectrum



## 4.01c

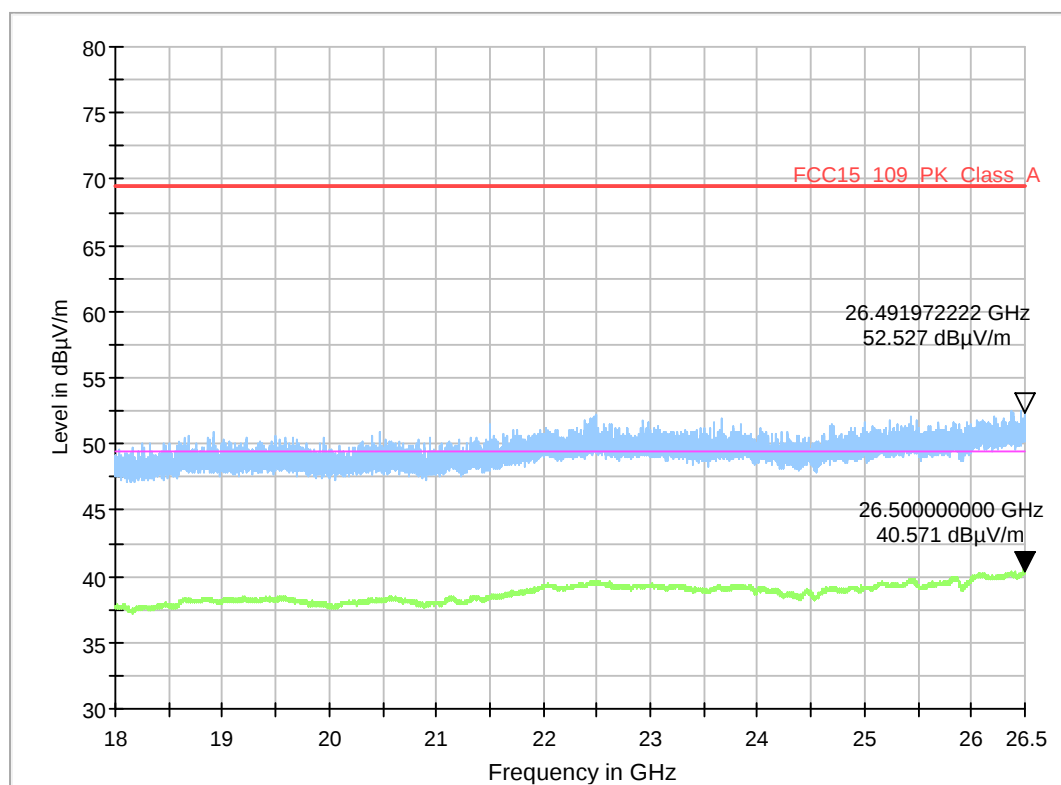
### Common Information

|                           |                                              |
|---------------------------|----------------------------------------------|
| Test Description:         | Radiated Filed Strength Emission             |
| Test Site Location:       | CETECOM GmbH Essen                           |
| Test Site:                | Fully Anechoic Room (FAR2)                   |
| Test Standard:            | FCC Part 15.109, class B / RSS-Gen., Issue 5 |
| Operating Mode:           | 01                                           |
| Equipment Class:          | Class B                                      |
| Environmental Conditions: | Humidity: 40 %rH; Temperature: 21 °C         |
| Operator:                 | Hla                                          |
| Verdict:                  | Passed                                       |

### EUT Information

|                |                   |
|----------------|-------------------|
| PMT Sample Nr. | 22-1-00975S28_C01 |
|----------------|-------------------|

Full Spectrum



End Of Annex 1