

## Annex 1: Measurement diagrams 23-1-0078002T002a-A1

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                        |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------|
| <b>Number of pages:</b>                                         | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Date of Report:</b> | 2023-Dec-01                            |
| <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>      | Eliko Technoloogia<br>Arenduskeskus OÜ |
| <b>Test Object /<br/>Tested Device(s):</b>                      | Positioning device<br>ELIKO ANCHOR                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                        |
| <b>Contains FCC ID:</b>                                         | 2AF2I-ANCHOR                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>IC:</b>             | 27124-ANCHOR                           |
| <b>Testing has been<br/>carried out in<br/>accordance with:</b> | <b>FCC Regulations</b><br><b>Title 47 CFR, Chapter I, Subchapter A, Part 15</b><br><b>Subpart B Unintentional Radiators</b><br>§ 15.107 Conducted limits<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

## 1.01\_Anchor

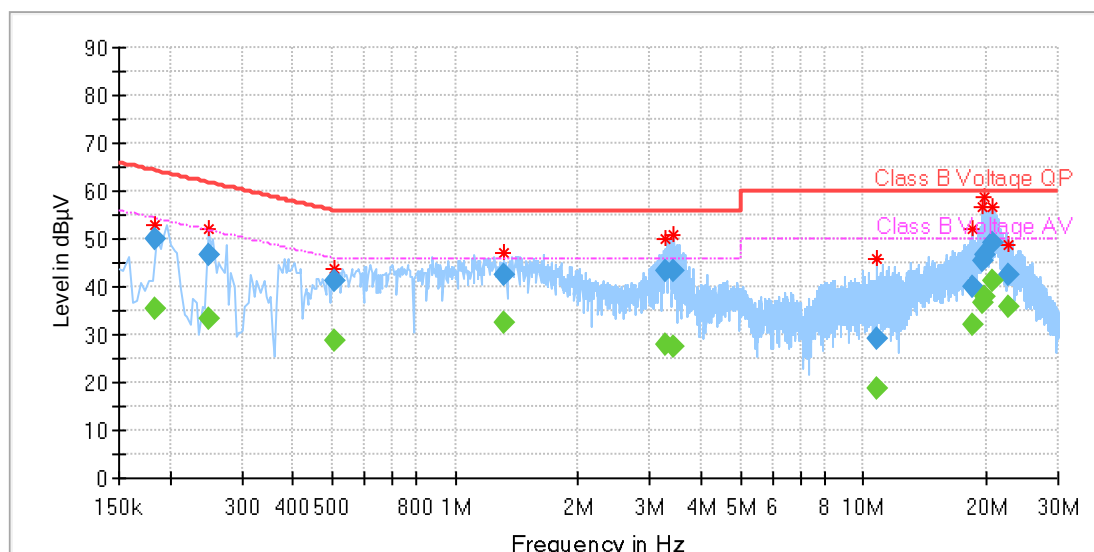
### Common Information

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| Test Description:         | Conducted Voltage Measurement Class B                            |
| Test Site Location:       | Conducted Emission, CETECOM GmbH Essen                           |
| Test Software:            | R&S EMC32 v9.15                                                  |
| Test Standard:            | FCC 15.107, FCC 15.207                                           |
| Operating Mode:           | op mode 1                                                        |
| Measured on line:         | N/L1                                                             |
| Diagram details:          | Shows the peak values as a sum of measured ports in maxhold mode |
| Environmental Conditions: | Humidity: 41% rH; Temperature: 21 °C                             |
| Operator:                 | HLA                                                              |
| Comments:                 |                                                                  |
| EUT Setup:                |                                                                  |
| Verdict:                  | Passed                                                           |

### EUT Information

|               |                                     |
|---------------|-------------------------------------|
| PMT number:   | 20-1-01949S50_C01                   |
| Manufacturer: | Eliko Technoloogja Arenduskeskus OÜ |

Full Spectrum



### Final Result

| Frequency (MHz) | QuasiPeak (dBµV) | CAverage (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | PE  | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|-----------------|-----------------|------|-----|------------|
| 0.184375        | ---              | 35.37           | 54.29        | 18.92       | 1000.0          | 9.000           | N    | GND | 0.1        |
| 0.184375        | 49.97            | ---             | 64.29        | 14.32       | 1000.0          | 9.000           | N    | GND | 0.1        |
| 0.250156        | ---              | 33.51           | 51.75        | 18.24       | 1000.0          | 9.000           | N    | GND | 0.1        |
| 0.250156        | 46.55            | ---             | 61.75        | 15.20       | 1000.0          | 9.000           | N    | GND | 0.1        |
| 0.506406        | ---              | 28.65           | 46.00        | 17.35       | 1000.0          | 9.000           | L1   | GND | 0.1        |
| 0.506406        | 41.08            | ---             | 56.00        | 14.92       | 1000.0          | 9.000           | L1   | GND | 0.1        |
| 1.311563        | 42.50            | ---             | 56.00        | 13.50       | 1000.0          | 9.000           | L1   | GND | 0.3        |
| 1.311563        | ---              | 32.53           | 46.00        | 13.47       | 1000.0          | 9.000           | L1   | GND | 0.3        |
| 3.287031        | ---              | 28.08           | 46.00        | 17.92       | 1000.0          | 9.000           | N    | GND | 0.3        |
| 3.287031        | 43.33            | ---             | 56.00        | 12.67       | 1000.0          | 9.000           | N    | GND | 0.3        |
| 3.426563        | 43.41            | ---             | 56.00        | 12.59       | 1000.0          | 9.000           | N    | GND | 0.3        |

|           |       |       |       |       |        |       |    |     |     |
|-----------|-------|-------|-------|-------|--------|-------|----|-----|-----|
| 3.426563  | ---   | 27.49 | 46.00 | 18.51 | 1000.0 | 9.000 | N  | GND | 0.3 |
| 10.730156 | 29.29 | ---   | 60.00 | 30.71 | 1000.0 | 9.000 | N  | GND | 0.4 |
| 10.730156 | ---   | 18.70 | 50.00 | 31.30 | 1000.0 | 9.000 | N  | GND | 0.4 |
| 18.419219 | 40.12 | ---   | 60.00 | 19.88 | 1000.0 | 9.000 | N  | GND | 0.8 |
| 18.419219 | ---   | 32.06 | 50.00 | 17.94 | 1000.0 | 9.000 | N  | GND | 0.8 |
| 19.521875 | 45.21 | ---   | 60.00 | 14.79 | 1000.0 | 9.000 | N  | GND | 0.9 |
| 19.521875 | ---   | 36.82 | 50.00 | 13.18 | 1000.0 | 9.000 | N  | GND | 0.9 |
| 19.718438 | 46.68 | ---   | 60.00 | 13.32 | 1000.0 | 9.000 | N  | GND | 0.9 |
| 19.718438 | ---   | 37.89 | 50.00 | 12.11 | 1000.0 | 9.000 | N  | GND | 0.9 |
| 20.732813 | 49.17 | ---   | 60.00 | 10.83 | 1000.0 | 9.000 | N  | GND | 0.9 |
| 20.732813 | ---   | 41.09 | 50.00 | 8.91  | 1000.0 | 9.000 | N  | GND | 0.9 |
| 22.651406 | 42.32 | ---   | 60.00 | 17.68 | 1000.0 | 9.000 | L1 | GND | 0.7 |
| 22.651406 | ---   | 35.81 | 50.00 | 14.19 | 1000.0 | 9.000 | L1 | GND | 0.7 |

## 3.01\_Laying

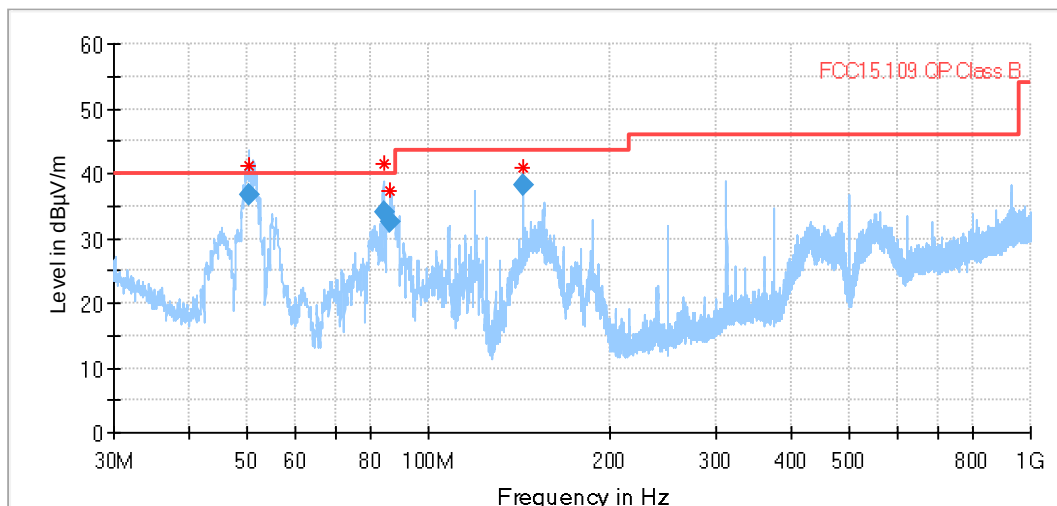
### Common Information

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  
  
 Operating Mode: op 1  
 Environmental Conditions: Humidity : 50% rH; Temperature: 21 °C  
 Operator: HLa/JRi  
 Verdict: Passed

### EUT Information

PMT number: 20-1-01949S50\_C01  
 Manufacturer: Eliko Technoloogia Arenduskeskus OÜ

Full Spectrum



### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 50.425000       | 36.67              | 40.00          | 3.33        | 1000.0          | 120.000         | 105.0       | V   | 76.0          | 12.8         |
| 84.065000       | 33.98              | 40.00          | 6.02        | 1000.0          | 120.000         | 135.0       | V   | 201.0         | 7.6          |
| 86.013000       | 32.54              | 40.00          | 7.46        | 1000.0          | 120.000         | 127.0       | V   | 235.0         | 7.9          |
| 143.335000      | 38.27              | 43.50          | 5.23        | 1000.0          | 120.000         | 105.0       | V   | 116.0         | 8.7          |

## 3.02\_Standing

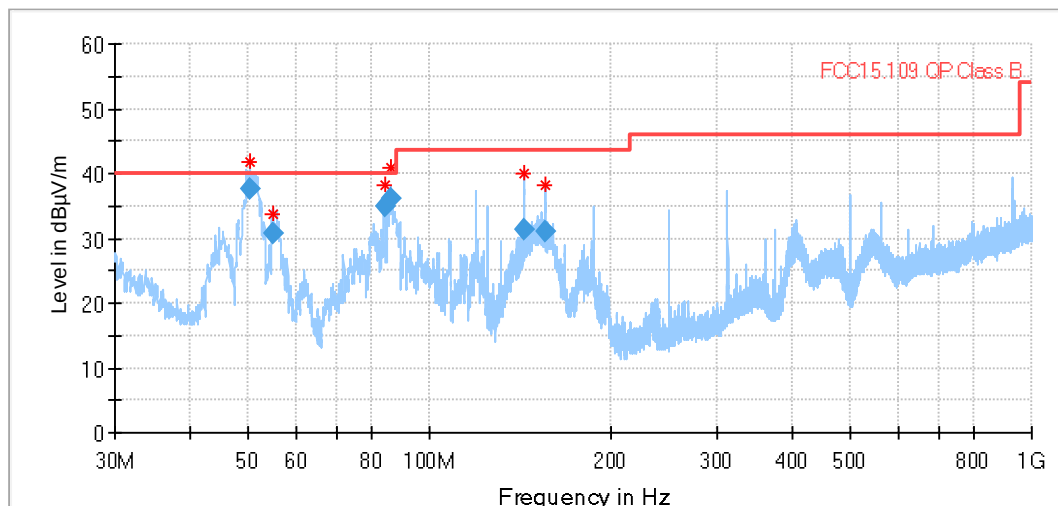
### Common Information

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  
  
 Operating Mode: op 1  
 Environmental Conditions: Humidity : 50% rH; Temperature: 21 °C  
 Operator: HLa/JRi  
 Verdict: Passed

### EUT Information

PMT number: 20-1-01949S50\_C01  
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Full Spectrum



### Final Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 50.223000       | 37.65              | 40.00          | 2.35        | 1000.0          | 120.000         | 105.0       | V   | 89.0          | 12.9         |
| 54.813000       | 30.81              | 40.00          | 9.19        | 1000.0          | 120.000         | 157.0       | V   | 124.0         | 11.2         |
| 84.183000       | 34.98              | 40.00          | 5.02        | 1000.0          | 120.000         | 145.0       | V   | 221.0         | 7.7          |
| 86.395000       | 36.22              | 40.00          | 3.78        | 1000.0          | 120.000         | 368.0       | H   | 37.0          | 8.0          |
| 143.219000      | 31.34              | 43.50          | 12.16       | 1000.0          | 120.000         | 105.0       | V   | 135.0         | 8.7          |
| 155.193000      | 31.05              | 43.50          | 12.45       | 1000.0          | 120.000         | 109.0       | V   | 98.0          | 8.9          |

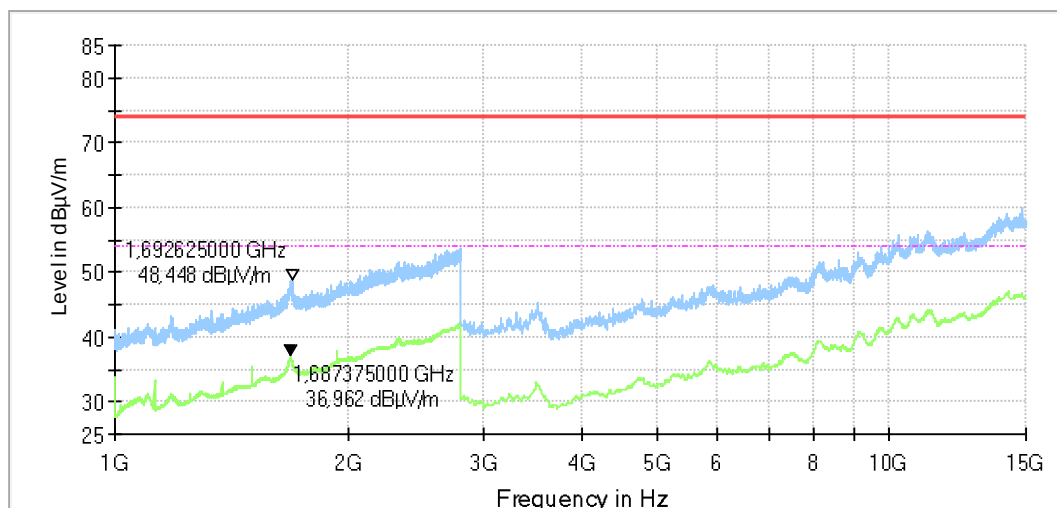
## 4.01

### Common Information

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Test Description:         | Radiated field strength emission in 3m distance |
| Test Site:                | Fully Anechoic Chamber (FAC1) - EMC32 V10.50.0  |
| Test Standard:            | FCC 15.109 Unintentional Radiator               |
| Antenna polarisation:     | horizontal/vertical                             |
| Operating Mode:           | Op1                                             |
| Operator:                 | HLA                                             |
| Comment:                  |                                                 |
| Environmental Conditions: | Humidity : 40% rH; Temperature: 20 °C           |
| Verdict:                  | Passed                                          |

### EUT Information

|               |                                     |
|---------------|-------------------------------------|
| PMT number:   | 20-1-01949S50_C01                   |
| Manufacturer: | Eliko Technoloogia Arenduskeskus OÜ |
|               | Full Spectrum                       |



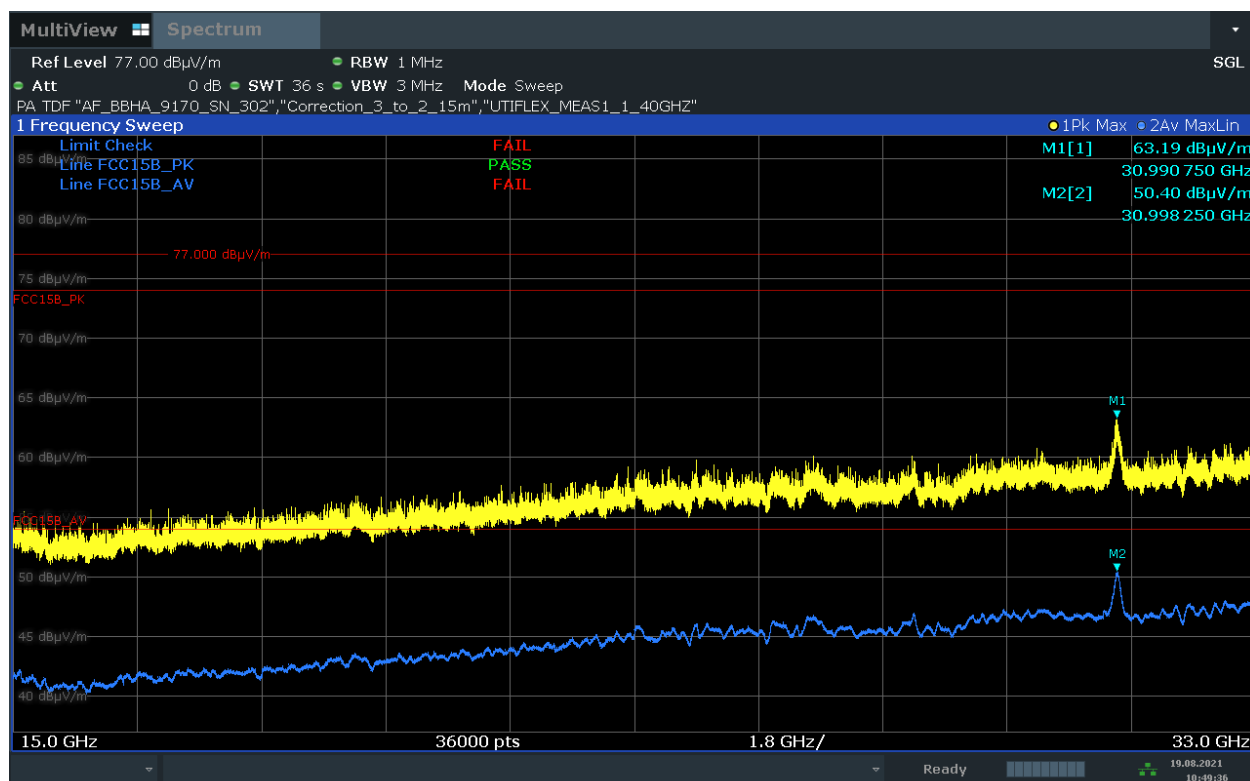
## 4.02

### Common Information

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Test Description:         | Radiated field strength emission in 3m distance |
| Test Site:                | Fully Anechoic Chamber (FAC2) - EMC32 V10.50.0  |
| Test Standard:            | FCC 15.109 Unintentional Radiator               |
| Antenna polarisation:     | horizontal/vertical                             |
| Operating Mode:           | Op1                                             |
| Operator:                 | HLa                                             |
| Comment:                  |                                                 |
| Environmental Conditions: | Humidity : 40% rH; Temperature: 20 °C           |
| Verdict:                  | Passed                                          |

### EUT Information

|               |                                    |
|---------------|------------------------------------|
| PMT number:   | 20-1-01949S50_C01                  |
| Manufacturer: | Eliko Technologia Arenduskeskus OÜ |



10:49:36 19.08.2021

## End Of Annex 1