

## Annex 1: Measurement diagrams 21-1-0165302T06a-C01-A1

|                                                         |                                                                                                                                                                                                                                                                                              |                        |                                   |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------|
| <b>Number of pages:</b>                                 | 5                                                                                                                                                                                                                                                                                            | <b>Date of Report:</b> | 2022-Aug-02                       |
| <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>      | Continental Advanced Antenna GmbH |
| <b>Product:</b><br><b>Model:</b>                        | RKE Module Base FCC<br>RKE223E1                                                                                                                                                                                                                                                              |                        |                                   |
| <b>FCC ID:</b>                                          | 2ACC7RKE223E1                                                                                                                                                                                                                                                                                | <b>IC:</b>             | 11980A-RKE223E1                   |
| <b>Testing has been carried out in accordance with:</b> | <b>FCC Regulations:</b> Title 47 CFR, Chapter I, Subchapter A, Subpart C: §15.231<br><b>ISED Regulations:</b> RSS-210, Issue 10, Annex A<br><br>Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit". |                        |                                   |



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## 1 Measurement diagrams

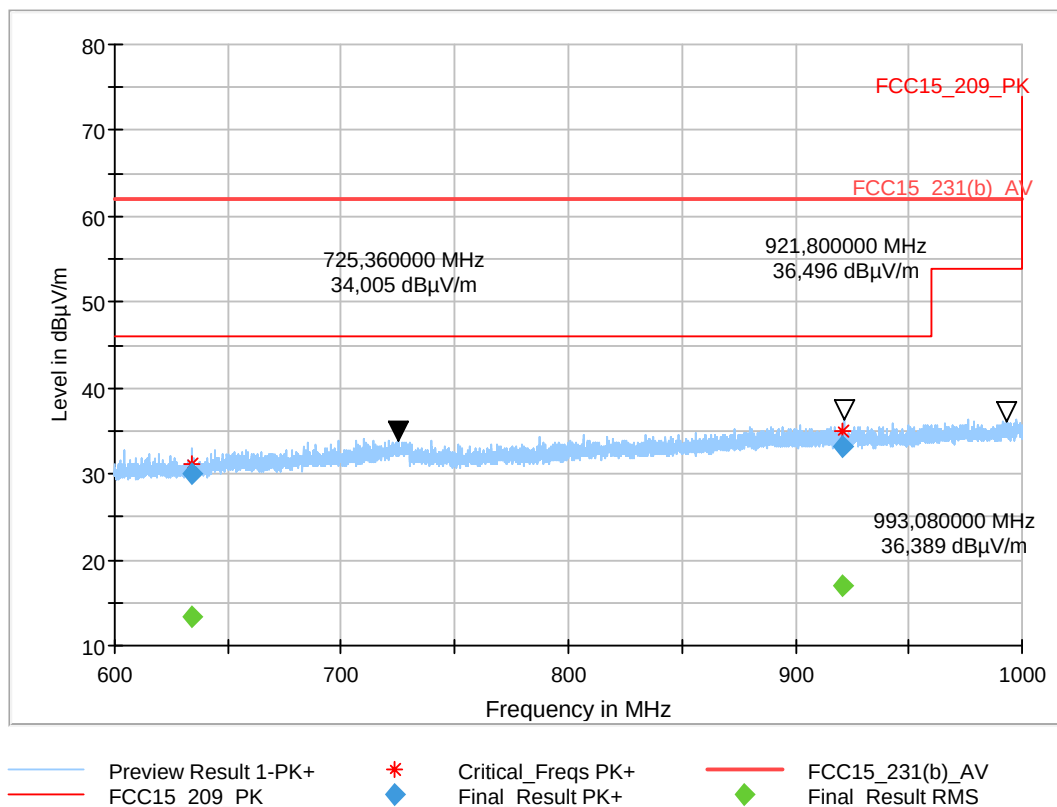
### 1.1 Electrical field strength < 1 GHz

#### 8.01a\_RSE\_600M-1G\_EQE

|                           |                                                                   |             |
|---------------------------|-------------------------------------------------------------------|-------------|
| Date:                     | 01.04.2022                                                        | Page 1 of 1 |
| Test Description:         | Electric Fieldstrength Measurement above 1GHz                     |             |
| Test Site & Location:     | Semi Anechoic Chamber 2 (SAC); CETECOM GmbH Düsseldorf            |             |
| Version of Testsoftware:  | EMC32 V10.60.20                                                   |             |
| Test Specification:       | FCC 15.205 § 15.209 § 15.231; RSS-Gen: Issue 5; RSS-210: Issue 10 |             |
| Operating Mode:           | Application sample   Ant1   Ch3   PWR setting 0x2D                |             |
| Used Filter:              | none                                                              |             |
| Measured side(s):         | front, right, rear, left                                          |             |
| Distance correction:      | no, measurement in 3m Distance with 3m Limits                     |             |
| Environmental conditions: | Humidity: 30% rH; Temperature: 20.2 °C; Pressure: 1006 hPa        |             |
| Operator:                 | TFra                                                              |             |
| Comments:                 |                                                                   |             |

### Full Spectrum

Full Spectrum



**Final\_Result**

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | RMS<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Bandwidth<br>(kHz) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) | Trd<br>Corr.<br>(dB/m) |
|--------------------|---------------------|-----------------|-------------------|----------------|--------------------|----------------|-----|------------------|-----------------|------------------------|
| 633.640000         | ---                 | 13.41           | ---               | ---            | 120.000            | 112.0          | H   | 256.0            | 20              | 18                     |
| 633.640000         | 30.03               | ---             | 61.93             | 31.90          | 120.000            | 112.0          | H   | 256.0            | 20              | 18                     |
| 920.480000         | ---                 | 17.07           | ---               | ---            | 120.000            | 348.0          | V   | 292.0            | 24              | 21                     |
| 920.480000         | 33.14               | ---             | 61.93             | 28.79          | 120.000            | 348.0          | V   | 292.0            | 24              | 21                     |

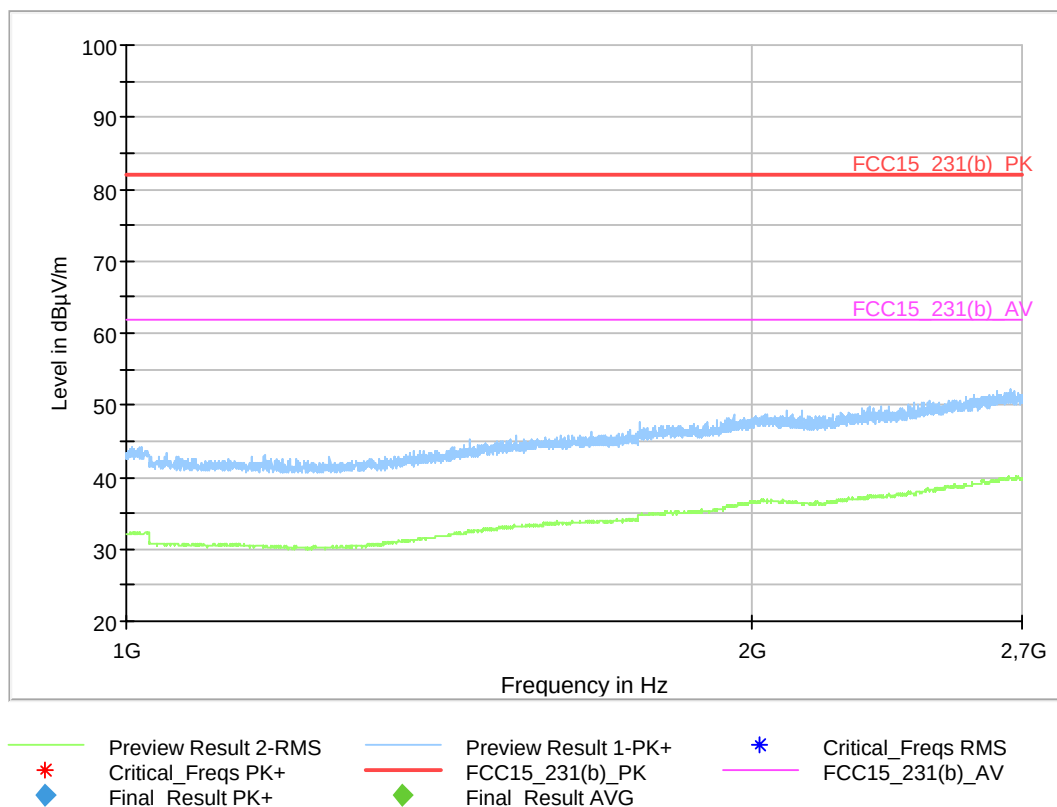
## 1.2 Electrical field strength > 1GHz

### 8.01b\_RSE\_1G-2.7G\_EQE

|                           |                                                                   |             |
|---------------------------|-------------------------------------------------------------------|-------------|
| Date:                     | 02.04.2022                                                        | Page 1 of 1 |
| Test Description:         | Electric Fieldstrength Measurement above 1GHz                     |             |
| Test Site & Location:     | Semi Anechoic Chamber 2 (SAC); CETECOM GmbH Düsseldorf            |             |
| Version of Testsoftware:  | EMC32 V10.60.20                                                   |             |
| Test Specification:       | FCC 15.205 § 15.209 § 15.231; RSS-Gen: Issue 5; RSS-210: Issue 10 |             |
| Operating Mode:           | Application sample   Ant1   Ch3   PWR setting 0x2D                |             |
| Used Filter:              | none                                                              |             |
| Measured side(s):         | front, right, rear, left                                          |             |
| Distance correction:      | no, measurement in 3m Distance with 3m Limits                     |             |
| Environmental conditions: | Humidity: 30% rH; Temperature: 20.2 °C; Pressure: 1006 hPa        |             |
| Operator:                 | TFra                                                              |             |
| Comments:                 |                                                                   |             |

## Full Spectrum

Full Spectrum



## End of Annex 1