

|                                                           |
|-----------------------------------------------------------|
| <b>Annex B: Measurement Results</b>                       |
| <b>Tested Model : XG03Pro</b>                             |
| <b>Report Number:<br/>WSCT-ANAB-R&amp;E250300016A-SAR</b> |

# cDASY6 Module WPT Measurement Report

## Device under test

Info:  
XG03Pro Front

Serial number:  
not set

Scenario:  
not set

## Tool info

DASY software version:  
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:  
MAGPy-8H3D+E3Dv2, WP000270, 2024/11/01

Software version:  
2.8.8, backend: 2.2.36

## Scan info

Center location:  
**x**: -12.43 mm, **y**: 59.45 mm, **z**: 45.24 mm

Dimensions:  
**x**: 124.6 mm, **y**: 124.5 mm, **z**: 36.7 mm

Resolution:  
**x**: 7.33 mm, **y**: 7.33 mm, **z**: 7.33 mm

Completed on:  
2025/03/28 23:12:34

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 605.19 mA/m

**x**: 129.52 mA/m, **y**: 72.71 mA/m, **z**: 586.68 mA/m

Maximum H-field location relative to DUT:

**x**: 25.67 mm, **y**: 47.67 mm, **z**: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 179.34 V/m

**x**: 538.15 mV/m, **y**: 618.06 mV/m, **z**: 179.34 V/m

Maximum E-field location relative to DUT:

**x**: 0.00 m, **y**: 0.00 m, **z**: 0.00 m

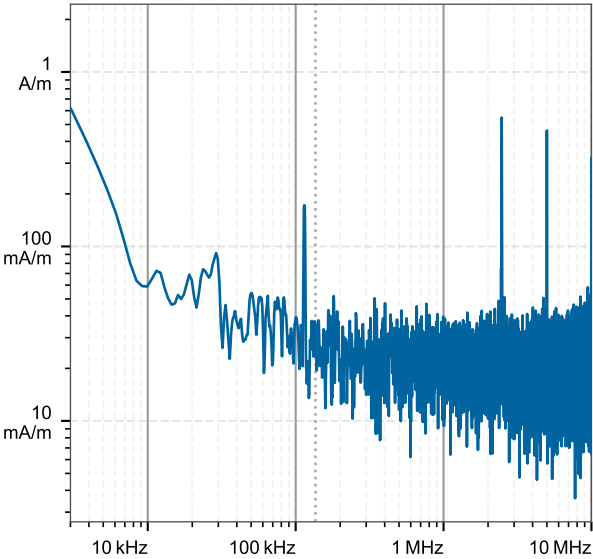
Distance to -20.0 dB boundary:

52.88 mm

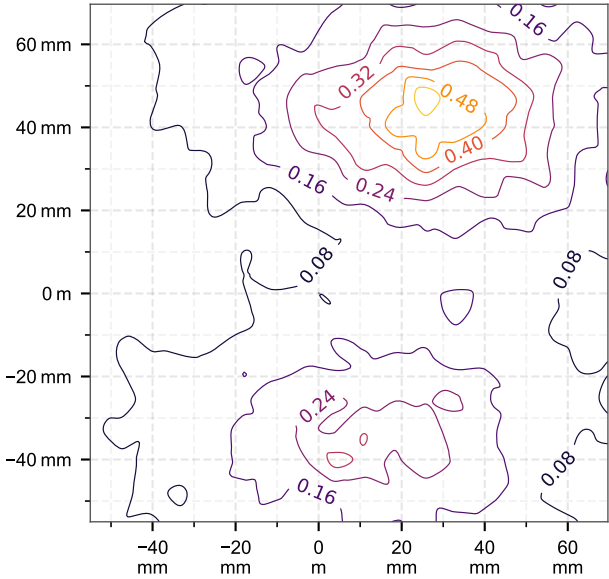
Offset relative to DUT:

**x**: 0.00 m, **y**: 0.00 m, **z**: 1.00 mm

H-field magnitude [RMS] at center location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency ( f = 134.43 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³ )

| Distance [mm] | Peak incident fields [RMS] |                        | Peak E <sub>ind</sub> [V/m, RMS] |         |           | Peak J <sub>ind</sub> [A/m <sup>2</sup> , RMS] |         | psSAR [mW/kg] |  | H-field extent     |      | Warnings         |                 |
|---------------|----------------------------|------------------------|----------------------------------|---------|-----------|------------------------------------------------|---------|---------------|--|--------------------|------|------------------|-----------------|
|               | H <sub>inc</sub> [A/m]     | E <sub>inc</sub> [V/m] | Cube avg.                        | Local   | Line avg. | Surface avg.                                   | 1g avg. | 10g avg.      |  | -20 dB radius [mm] | Sign | Vector potential | Boundary effect |
| 0.00          | 1.09                       | 149                    | 6.31e-3                          | 6.48e-3 | 6.48e-3   | 4.18e-3                                        | 1.87e-5 | 8.85e-6       |  | 60.9               | 36%  | 27%              | 98%             |
| 5.00          | 0.760                      | 89.9                   | 4.65e-3                          | 4.75e-3 | 4.75e-3   | 3.12e-3                                        | 1.01e-5 | 5.18e-6       |  | 63.7               | 36%  | 27%              | 100%            |
| 10.0          | 0.511                      | 44.9                   | 3.69e-3                          | 3.78e-3 | 3.77e-3   | 2.4e-3                                         | 6.05e-6 | 3.24e-6       |  | 68.8               | 36%  | 27%              | 100%            |
| 15.0          | 0.325                      | 32.4                   | 2.84e-3                          | 2.90e-3 | 2.90e-3   | 1.89e-3                                        | 3.88e-6 | 2.14e-6       |  | 71.0               | 36%  | 27%              | 100%            |
| 20.0          | 0.223                      | 30.7                   | 2.35e-3                          | 2.41e-3 | 2.4e-3    | 1.56e-3                                        | 2.64e-6 | 1.43e-6       |  | 71.1               | 36%  | 27%              | 100%            |

Compliance evaluation (Field values at the peak frequency) (f=134.43 kHz, total field evaluation, coverage evaluation)

| Distance [mm] | ICNIRP 2010/2020        |                         |                         |               | ICNIRP 1998             |                         |                                       |               | IEEE 2019               |                         |                         |               | FCC                     |                         |                         |               | HC Code 6               |                         |                         |               |
|---------------|-------------------------|-------------------------|-------------------------|---------------|-------------------------|-------------------------|---------------------------------------|---------------|-------------------------|-------------------------|-------------------------|---------------|-------------------------|-------------------------|-------------------------|---------------|-------------------------|-------------------------|-------------------------|---------------|
|               | RL [RMS]                |                         | BR [RMS]                |               | RL [RMS]                |                         | BR [RMS]                              |               | ERL [RMS]               |                         | DRL [RMS]               |               | MPE [RMS]               |                         | BR [RMS]                |               | RL [RMS]                |                         | BR [RMS]                |               |
|               | pH <sub>inc</sub> [A/m] | pE <sub>inc</sub> [V/m] | pE <sub>ind</sub> [V/m] | psSAR [mW/kg] | pH <sub>inc</sub> [A/m] | pE <sub>inc</sub> [V/m] | pJ <sub>ind</sub> [A/m <sup>2</sup> ] | psSAR [mW/kg] | pH <sub>inc</sub> [A/m] | pE <sub>inc</sub> [V/m] | pE <sub>ind</sub> [V/m] | psSAR [mW/kg] | pH <sub>inc</sub> [A/m] | pE <sub>inc</sub> [V/m] | pE <sub>ind</sub> [V/m] | psSAR [mW/kg] | pH <sub>inc</sub> [A/m] | pE <sub>inc</sub> [V/m] | pE <sub>ind</sub> [V/m] | psSAR [mW/kg] |
| 0.00          | 1.09                    | 149                     | 0.0428                  | 4.33e-5       | 1.09                    | 149                     | 9.26e-3                               | 4.33e-5       | 1.09                    | 149                     | 0.0268                  | 4.33e-5       | 1.09                    | 149                     | N/A                     | 5.31e-5       | 1.09                    | 149                     | 0.0591                  | 5.31e-5       |
| 5.00          | 0.760                   | 89.9                    | 0.0308                  | 1.77e-5       | 0.760                   | 89.9                    | 6.18e-3                               | 1.77e-5       | 0.760                   | 89.9                    | 0.0189                  | 1.77e-5       | 0.760                   | 89.9                    | N/A                     | 2.26e-5       | 0.760                   | 89.9                    | 0.0427                  | 2.26e-5       |
| 10.0          | 0.511                   | 44.9                    | 0.0232                  | 5.4e-6        | 0.511                   | 44.9                    | 3.67e-3                               | 5.4e-6        | 0.511                   | 44.9                    | 0.0135                  | 5.4e-6        | 0.511                   | 44.9                    | N/A                     | 8.21e-6       | 0.511                   | 44.9                    | 0.0328                  | 8.21e-6       |
| 15.0          | 0.325                   | 32.4                    | 0.0179                  | 3.27e-6       | 0.325                   | 32.4                    | 2.81e-3                               | 3.27e-6       | 0.325                   | 32.4                    | 0.0104                  | 3.27e-6       | 0.325                   | 32.4                    | N/A                     | 5.01e-6       | 0.325                   | 32.4                    | 0.0253                  | 5.01e-6       |
| 20.0          | 0.223                   | 30.7                    | 0.0149                  | 2.44e-6       | 0.223                   | 30.7                    | 2.43e-3                               | 2.44e-6       | 0.223                   | 30.7                    | 8.73e-3                 | 2.44e-6       | 0.223                   | 30.7                    | N/A                     | 3.66e-6       | 0.223                   | 30.7                    | 0.0211                  | 3.66e-6       |

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field evaluation, coverage evaluation, ratios in dB)

| Distance<br>[mm]     | ICNIRP 2010/2020  |       |                   |      |                   |       | ICNIRP 1998       |                   |                   |       | IEEE 2019         |       |                   |      |                   |       | FCC               |                   |                   |       | HC Code 6         |       |                   |     |                   |       |
|----------------------|-------------------|-------|-------------------|------|-------------------|-------|-------------------|-------------------|-------------------|-------|-------------------|-------|-------------------|------|-------------------|-------|-------------------|-------------------|-------------------|-------|-------------------|-------|-------------------|-----|-------------------|-------|
|                      | RL                |       |                   |      | BR                |       | RL                |                   | BR                |       | ERL               |       |                   |      | DRL               |       | MPE               |                   | BR                |       | RL                |       |                   |     | BR                |       |
|                      | pH <sub>inc</sub> |       | pE <sub>inc</sub> |      | pE <sub>ind</sub> | psSAR | pH <sub>inc</sub> | pE <sub>inc</sub> | pJ <sub>ind</sub> | psSAR | pH <sub>inc</sub> |       | pE <sub>inc</sub> |      | pE <sub>ind</sub> | psSAR | pH <sub>inc</sub> | pE <sub>inc</sub> | pE <sub>ind</sub> | psSAR | pH <sub>inc</sub> |       | pE <sub>inc</sub> |     | pE <sub>ind</sub> | psSAR |
|                      | NS                | TH    | NS                | TH   |                   |       |                   |                   |                   |       | NS                | TH    | N/A               | N/A  |                   |       |                   |                   |                   |       | NS                | TH    | NS                | TH  |                   |       |
| <a href="#">0.00</a> | -25.7             | -30.5 | 43.1              | 39.2 | -31.5             | -40.1 | -13.2             | 48.1              | 2.02              | -40.1 | -43.5             | -47.9 | 25.7              | 40.8 | -36.0             | -40.1 | -3.5              | 29.7              | N/A               | -39.1 | -38.3             | -14.0 | 43.1              | N/A | -31.2             | -39.1 |
| <a href="#">5.00</a> | -28.8             | -33.6 | 38.7              | 34.8 | -35.7             | -44.5 | -16.4             | 43.7              | -2.33             | -44.5 | -46.6             | -51.0 | 21.3              | 36.4 | -40.3             | -44.5 | -6.63             | 25.4              | N/A               | -43.5 | -41.5             | -17.1 | 38.7              | N/A | -35.4             | -43.5 |
| <a href="#">10.0</a> | -32.3             | -37.1 | 31.1              | 27.1 | -42.7             | -52.1 | -19.8             | 36.1              | -9.87             | -52.1 | -50.1             | -54.5 | 13.7              | 28.7 | -47.5             | -52.1 | -10.1             | 17.7              | N/A               | -51.1 | -44.9             | -20.5 | 31.1              | N/A | -42.1             | -51.1 |
| <a href="#">15.0</a> | -36.2             | -41.0 | 28.2              | 24.3 | -45.4             | -54.9 | -23.7             | 33.2              | -12.7             | -54.9 | -54.0             | -58.4 | 10.8              | 25.9 | -50.3             | -54.9 | -14.0             | 14.9              | N/A               | -54.0 | -48.8             | -24.5 | 28.2              | N/A | -44.8             | -54.0 |
| <a href="#">20.0</a> | -39.5             | -44.3 | 27.8              | 23.8 | -46.1             | -55.4 | -27.0             | 32.8              | -13.2             | -55.4 | -57.3             | -61.7 | 10.4              | 25.4 | -50.8             | -55.4 | -17.3             | 14.4              | N/A               | -54.4 | -52.1             | -27.7 | 27.8              | N/A | -45.5             | -54.4 |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [5.71, 5.76, 5.83, 5.86, 5.87]$ ,  $w_{E_{ind}, local} = [8.07, 8.13, 8.24, 8.28, 8.29]$ ,  $w_{E_{ind}, line\ avg.} = [3.09, 3.11, 3.14, 3.16, 3.16]$