

DASY8 Module WPT Measurement Report

Device under test

Info:  
01\_Edge3\_200mm

Tool info

DASY software version:  
DASY8 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:  
MAGPy-8H3D+E3Dv2, WP000211, 2024/05/16

Software version:  
2.8.8, backend: 2.2.36

Scan info

Center location:  
x: 111.08 mm, y: 7.69 mm, z: 393.65 mm

Dimensions:  
x: 168.9 mm, y: 256.0 mm, z: 37.0 mm

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

Completed on:  
2025/05/14

Measurement results

Maximum H-field [RMS]:  
MAGNITUDE: 129.86 mA/m  
x: 9.18 mA/m, y: 6.12 mA/m, z: 129.39 mA/m

Maximum H-field location relative to DUT:  
x: -3.67 mm, y: -11.00 mm, z: 200.00 mm

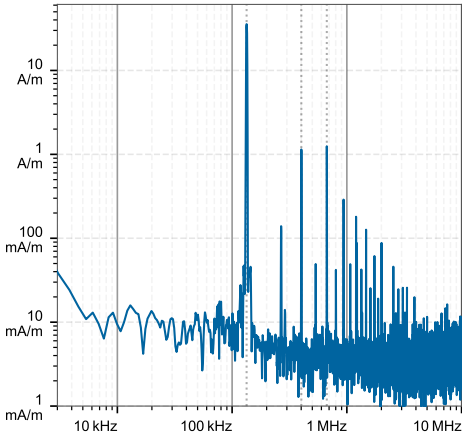
Maximum E-field [RMS]:  
MAGNITUDE: 813.17 mV/m  
x: 87.47 mV/m, y: 25.01 mV/m, z: 808.07 mV/m

Maximum E-field location relative to DUT:  
x: -36.67 mm, y: 7.33 mm, z: 0.00 mm

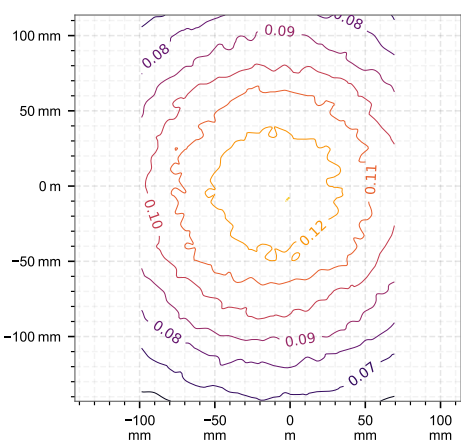
Distance to -20.0 dB boundary:  
NaN

Offset relative to DUT:  
x: 0.00 m, y: 0.00 m, z: 192.50 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

| 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     |
|---------------|----------------------------|------------------------|----------------------------------|---------|-----------|------------------------------------------------|---------------|----------|--------------------|
|               | 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] |
| 200           | 0.129                      | 0.757                  | 6.99e-3                          | 7.04e-3 | 7.04e-3   | 5.05e-3                                        | 3.15e-5       | 2.55e-5  | 118                |

Compliance evaluation (Field values at the peak frequency)

| 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] | 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] | PE <sub>ind</sub> [V/m] | psSAR [mW/kg] |
| 200           | 0.129            | 0.757    | 0.046    | 2.55e-5  | 0.129       | 0.757     | 5.07e-3   | 2.55e-5  | 0.129     | 0.757    | 0.0244   | 2.55e-5  | 0.129                   | 0.757                   | N/A                     | 3.15e-5       | 0.129                   | 0.757                   | 0.0654                  | 3.15e-5       |

Coverage factors:  $w_{E_{ind, cube avg.}} = [6.57]$ ,  $w_{E_{ind, local}} = [9.28]$ ,  $w_{E_{ind, line avg.}} = [3.46]$

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

| 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 | PH <sub>inc</sub> | PE <sub>inc</sub> | PE <sub>ind</sub> | psSAR |       |       |
|                  | NS                | TH    | NS                | TH    | NS                | TH    | NS    | TH   | N/A               | N/A               | NS                | TH    | NS                | TH                | NS                | TH    | NS                | TH                | NS                | TH    | N/A               | N/A               | N/A               | TH    | NS                | TH                | NS                | TH    | NS    | TH    |
| 200              | <0.01             | <0.01 | 0.02              | <0.01 | <0.01             | <0.01 | 0.03  | 0.02 | 0.02              | <0.01             | <0.01             | <0.01 | <0.01             | <0.01             | <0.01             | <0.01 | 10.08             | <0.01             | N/A               | <0.01 | N/A               | <0.01             | <0.01             | 0.02  | 0.02              | N/A               | <0.01             | <0.01 | <0.01 | <0.01 |

Coverage factors:  $w_{E_{ind, cube avg.}} = [6.57]$ ,  $w_{E_{ind, local}} = [9.28]$ ,  $w_{E_{ind, line avg.}} = [3.46]$