

DASY8 Module WPT Measurement Report

Device under test

Info:  
V-Coil35085

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: 78.66 mm, y: -89.40 mm, z: 84.74 mm

Dimensions:  
x: 388.0 mm, y: 476.0 mm, z: 36.8 mm

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

Completed on:  
2025/04/19

Measurement results

Maximum H-field [RMS]:  
MAGNITUDE: 133.41 A/m  
x: 3.40 A/m, y: 119.22 A/m, z: 59.76 A/m

Maximum H-field location relative to DUT:  
x: 3.67 mm, y: -165.00 mm, z: 8.50 mm

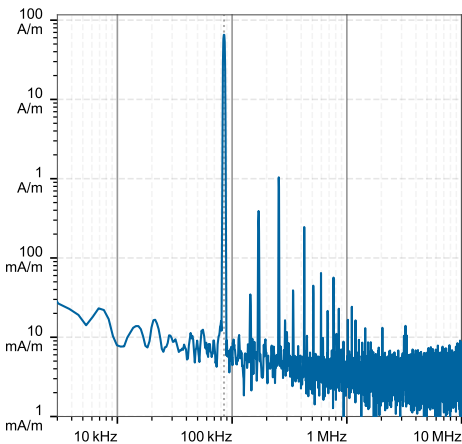
Maximum E-field [RMS]:  
MAGNITUDE: 195.32 V/m  
x: 17.40 V/m, y: 8.28 V/m, z: 194.37 V/m

Maximum E-field location relative to DUT:  
x: 88.00 mm, y: 146.67 mm, z: 0.00 m

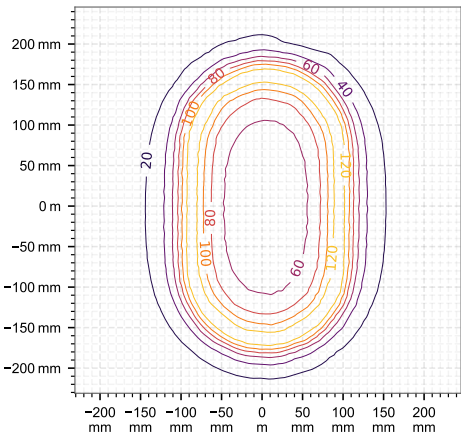
Distance to -20.0 dB boundary:  
65.59 mm

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

| 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] |
| 0.00          | 207                        | 195                    | 3.41                             | 3.44  | 3.45      | 2.40                                           | 6.78          | 5.06     | 183                |
| 2.00          | 188                        | 179                    | 3.22                             | 3.24  | 3.25      | 2.27                                           | 6.07          | 4.59     | 185                |

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] | RL [RMS] | BR [RMS] | RL [RMS] | BR [RMS] | RL [RMS]  | BR [RMS] | RL [RMS] | BR [RMS] |
| 0.00          | 207              | 195      | 25.7     | 5.06     | 207         | 195       | 2.41      | 5.06     | 207       | 195      | 13.4     | 5.06     | 207      | 195      | N/A      | 6.78     | 207       | 195      | 36.6     | 6.78     |
| 2.00          | 188              | 179      | 24.4     | 4.59     | 188         | 179       | 2.27      | 4.59     | 188       | 179      | 12.7     | 4.59     | 188      | 179      | N/A      | 6.07     | 188       | 179      | 34.7     | 6.07     |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [7.54, 7.58]$ ,  $w_{E_{ind}, local} = [10.66, 10.71]$ ,  $w_{E_{ind}, line\ avg.} = [3.88, 3.89]$

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

| Distance [mm] | ICNIRP 2010/2020 |     |      |     | ICNIRP 1998 |     |      |      | IEEE 2019 |     |      |     | FCC  |     |      |     | HC Code 6 |      |     |     |
|---------------|------------------|-----|------|-----|-------------|-----|------|------|-----------|-----|------|-----|------|-----|------|-----|-----------|------|-----|-----|
|               | RL               | BR  | RL   | BR  | ERL         | DRL | MPE  | BR   | RL        | BR  | RL   | BR  | RL   | BR  | RL   | BR  | RL        | BR   | RL  | BR  |
| 0.00          | 9.84             | N/A | 8.07 | N/A | 2.24        | N/A | 41.3 | 7.06 | 14.2      | N/A | 1.27 | N/A | 1.09 | N/A | 0.75 | N/A | 2.3       | 4.45 | N/A | N/A |
| 2.00          | 8.97             | N/A | 7.4  | N/A | 2.12        | N/A | 37.7 | 6.47 | 13.4      | N/A | 1.16 | N/A | 1.00 | N/A | 0.71 | N/A | 2.09      | 4.08 | N/A | N/A |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [7.54, 7.58]$ ,  $w_{E_{ind}, local} = [10.66, 10.71]$ ,  $w_{E_{ind}, line\ avg.} = [3.88, 3.89]$

DASY8 Module WPT Measurement Report

Device under test

Info:  
V-Coil35085

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: 70.29 mm, y: -64.92 mm, z: 91.42 mm

Dimensions:  
x: 389.0 mm, y: 521.0 mm, z: 37.1 mm

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

Completed on:  
2025/04/20

Measurement results

Maximum H-field [RMS]:  
MAGNITUDE: 133.45 A/m  
x: 115.63 A/m, y: 27.81 A/m, z: 60.52 A/m

Maximum H-field location relative to DUT:  
x: 84.33 mm, y: -99.00 mm, z: 8.50 mm

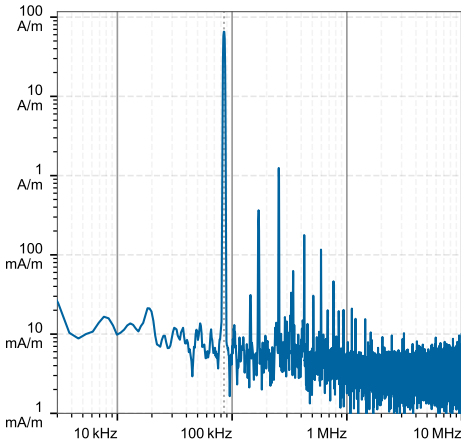
Maximum E-field [RMS]:  
MAGNITUDE: 223.38 V/m  
x: 12.52 V/m, y: 5.52 V/m, z: 222.96 V/m

Maximum E-field location relative to DUT:  
x: 88.00 mm, y: 146.67 mm, z: 0.00 m

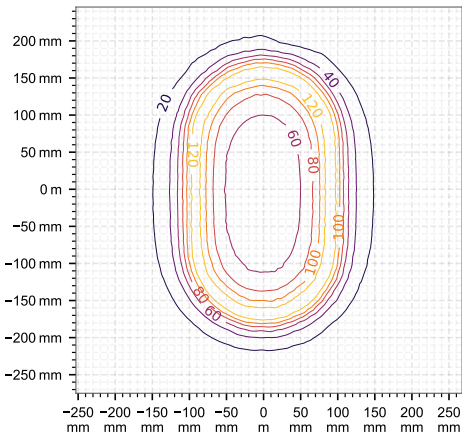
Distance to -20.0 dB boundary:  
69.57 mm

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

| 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] |
| 0.00          | 205                        | 223                    | 3.45                             | 3.48  | 3.49      | 2.44                                           | 7.00          | 5.28     | 183                |
| 2.00          | 187                        | 205                    | 3.25                             | 3.28  | 3.29      | 2.30                                           | 6.29          | 4.80     | 186                |

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] | RL [RMS] | BR [RMS] | RL [RMS] | BR [RMS] | RL [RMS]  | BR [RMS] | RL [RMS] | BR [RMS] |
| 0.00          | 205              | 223      | 26.0     | 5.28     | 205         | 223       | 2.44      | 5.28     | 205       | 223      | 13.5     | 5.28     | 205      | 223      | N/A      | 7.00     | 205       | 223      | 37.1     | 7.00     |
| 2.00          | 187              | 205      | 24.7     | 4.80     | 187         | 205       | 2.31      | 4.80     | 187       | 205      | 12.8     | 4.80     | 187      | 205      | N/A      | 6.29     | 187       | 205      | 35.2     | 6.29     |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [7.55, 7.58]$ ,  $w_{E_{ind}, local} = [10.66, 10.71]$ ,  $w_{E_{ind}, line\ avg.} = [3.88, 3.89]$

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

| Distance [mm] | ICNIRP 2010/2020 |     |      |     | ICNIRP 1998 |     |      |      | IEEE 2019 |     |      |     | FCC  |     |      |     | HC Code 6 |      |     |     |
|---------------|------------------|-----|------|-----|-------------|-----|------|------|-----------|-----|------|-----|------|-----|------|-----|-----------|------|-----|-----|
|               | RL               | BR  | RL   | BR  | ERL         | DRL | MPE  | BR   | RL        | BR  | RL   | BR  | RL   | BR  | RL   | BR  | RL        | BR   | RL  | BR  |
| 0.00          | 9.78             | N/A | 8.61 | N/A | 2.27        | N/A | 41.1 | 8.21 | 14.4      | N/A | 1.26 | N/A | 1.16 | N/A | 0.76 | N/A | 2.28      | 5.19 | N/A | N/A |
| 2.00          | 8.92             | N/A | 7.88 | N/A | 2.15        | N/A | 37.5 | 7.52 | 13.6      | N/A | 1.15 | N/A | 1.07 | N/A | 0.72 | N/A | 2.08      | 4.75 | N/A | N/A |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [7.55, 7.58]$ ,  $w_{E_{ind}, local} = [10.66, 10.71]$ ,  $w_{E_{ind}, line\ avg.} = [3.88, 3.89]$

DASY8 Module WPT Measurement Report

Device under test

Info:  
V-Coil50400

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: 30.29 mm, y: -96.89 mm, z: 90.77 mm

Dimensions:  
x: 124.7 mm, y: 124.8 mm, z: 36.7 mm

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

Completed on:  
2025/04/21

Measurement results

Maximum H-field [RMS]:  
MAGNITUDE: 131.02 A/m  
x: 16.03 A/m, y: 23.03 A/m, z: 127.98 A/m

Maximum H-field location relative to DUT:  
x: -3.67 mm, y: -3.67 mm, z: 8.50 mm

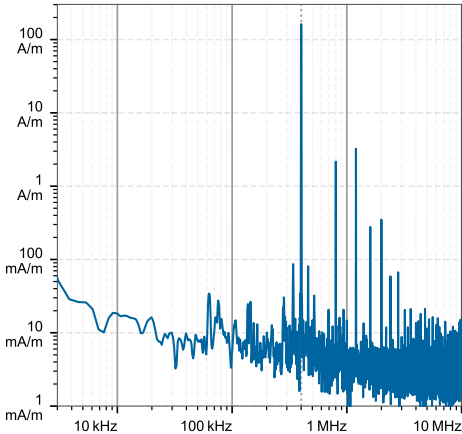
Maximum E-field [RMS]:  
MAGNITUDE: 49.19 V/m  
x: 23.08 V/m, y: 11.80 V/m, z: 41.81 V/m

Maximum E-field location relative to DUT:  
x: 7.33 mm, y: -29.33 mm, z: 0.00 mm

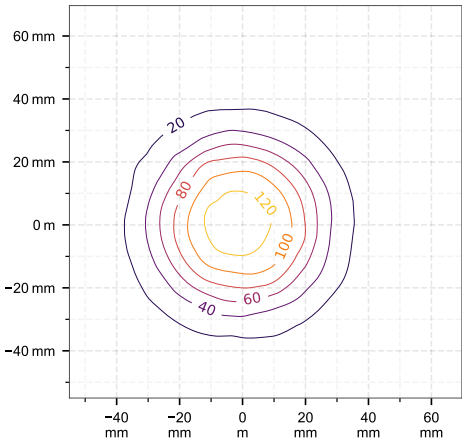
Distance to -20.0 dB boundary:  
36.67 mm

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

| 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] |
| 0.00          | 253                        | 49.2                   | 4.14                             | 4.24  | 4.24      | 2.65                                           | 6.97          | 3.47     | 39.4               |
| 2.00          | 223                        | 45.7                   | 3.59                             | 3.69  | 3.68      | 2.26                                           | 5.12          | 2.61     | 39.7               |

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] |
| 0.00          | 253              | 49.2     | 22.3     | 3.47     | 253         | 49.2      | 2.65      | 3.47     | 253       | 49.2     | 12.5     | 3.47     | 253                     | 49.2                    | N/A                     | 6.97          | 253                     | 49.2                    | 32.3                    | 6.97          |
| 2.00          | 223              | 45.7     | 19.4     | 2.61     | 223         | 45.7      | 2.27      | 2.61     | 223       | 45.7     | 10.9     | 2.61     | 223                     | 45.7                    | N/A                     | 5.12          | 223                     | 45.7                    | 28.1                    | 5.12          |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [5.39, 5.40]$ ,  $w_{E_{ind}, local} = [7.62, 7.62]$ ,  $w_{E_{ind}, line\ avg.} = [2.95, 2.96]$

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

| Distance [mm] | ICNIRP 2010/2020 |      |       |      | ICNIRP 1998 |       |       |       | IEEE 2019 |       |      |      | FCC               |                   |                   |       | HC Code 6         |                   |                   |       |
|---------------|------------------|------|-------|------|-------------|-------|-------|-------|-----------|-------|------|------|-------------------|-------------------|-------------------|-------|-------------------|-------------------|-------------------|-------|
|               | RL               | BR   | RL    | BR   | ERL         | DRL   | MPE   | BR    | RL        | BR    | RL   | BR   | 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 |
| 0.00          | 12.1             | 20.7 | 114.0 | 25.1 | 0.43        | <0.01 | 139.0 | 231.0 | 4.31      | <0.01 | 1.55 | 2.78 | 15.4              | 73.4              | 0.16              | <0.01 | 1155.0            | 124.0             | N/A               | <0.01 |
| 2.00          | 10.6             | 18.2 | 106.0 | 23.3 | 0.38        | <0.01 | 122.0 | 214.0 | 3.75      | <0.01 | 1.37 | 2.45 | 14.3              | 68.2              | 0.14              | <0.01 | 1137.0            | 115.0             | N/A               | <0.01 |

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [5.39, 5.40]$ ,  $w_{E_{ind}, local} = [7.62, 7.62]$ ,  $w_{E_{ind}, line\ avg.} = [2.95, 2.96]$