

DASY8 Module WPT Measurement Report

Device under test

Info:  
VCoil35085

Tool info

DASY software version:  
DASY8 Module WPT 2.4.0.4346

Probe model, serial no. and configuration date:  
MAGPy-8H3D+E3Dv2, WP000211, 2023/05/09

Software version:  
2.0.49, backend: 2.2.3

Scan info

Center location:  
x: 131.38 mm, y: 6.30 mm, z: 36.21 mm

Dimensions:  
x: 345.0 mm, y: 433.0 mm, z: 36.7 mm

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

Completed on:  
2024/03/06

Measurement results

Maximum H-field [RMS]:  
MAGNITUDE: 135.10 A/m  
x: 4.28 A/m, y: 118.79 A/m, z: 64.19 A/m

Maximum H-field location relative to DUT:  
x: -3.67 mm, y: -172.33 mm, z: 8.50 mm

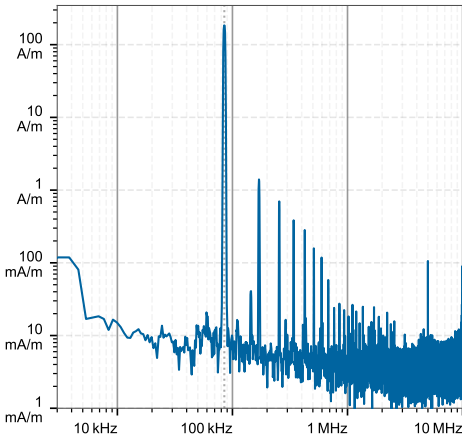
Maximum E-field [RMS]:  
MAGNITUDE: 242.70 V/m  
x: 8.26 V/m, y: 2.94 V/m, z: 242.54 V/m

Maximum E-field location relative to DUT:  
x: 88.00 mm, y: 146.67 mm, z: 1.00 mm

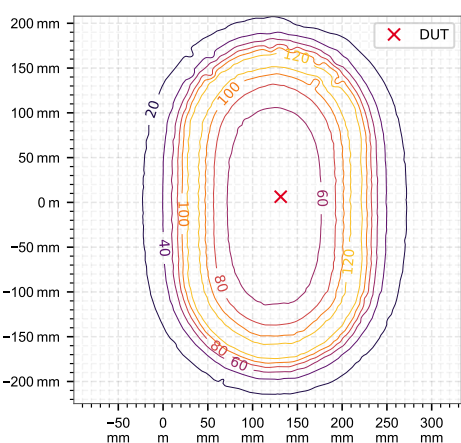
Distance to -20.0 dB boundary:  
65.59 mm

Offset relative to DUT:  
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields, and induced quantities in the anatomical model

| 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] |
| 2.0           | 184.0                      | 213.0                  | 3.18                             | 3.21  | 3.22      | 1.06                                           | 2.84          | 2.16     | 185.0              |