

# DASY8 Module WPT Measurement Report

## Device under test

Info:  
V-Coil35085

## Tool info

DASY software version:  
DASY8 Module WPT 2.6.0.5002

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

Software version:  
2.0.63, backend: 2.2.22

## Scan info

Center location:  
x: 68.33 mm, y: -22.29 mm, z: 36.33 mm

Dimensions:  
x: 433.0 mm, y: 520.0 mm, z: 36.7 mm

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

Completed on:  
2024/06/27

## Measurement results

### Maximum H-field [RMS]:

MAGNITUDE: 128.05 A/m

x: 65.54 A/m, y: 91.05 A/m, z: 61.73 A/m

### Maximum H-field location relative to DUT:

x: 55.00 mm, y: -143.00 mm, z: 8.50 mm

### Maximum E-field [RMS]:

MAGNITUDE: 194.40 V/m

x: 8.51 V/m, y: 9.02 V/m, z: 194.01 V/m

### Maximum E-field location relative to DUT:

x: 88.00 mm, y: 176.00 mm, z: 0.00 mm

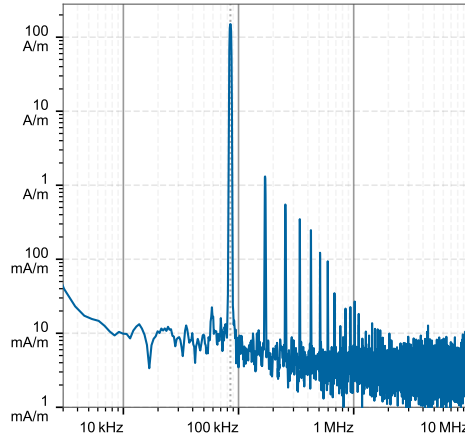
### Distance to -20.0 dB boundary:

65.59 mm

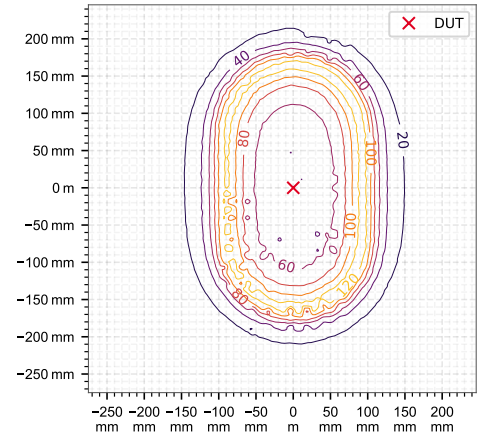
### Offset relative to DUT:

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 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	195	194	3.34	3.37	3.38	2.35	6.50	4.86	184		
2.00	178	179	3.14	3.17	3.18	2.22	5.82	4.42	186		

## Compliance evaluation (Field values at the peak frequency)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	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	195	194	25.2	4.86	195	194	2.36	4.86	195	194	13.1	4.86	195	194	N/A	6.50	195	194	36.0	6.50
2.00	178	179	23.9	4.42	178	179	2.22	4.42	178	179	12.4	4.42	178	179	N/A	5.82	178	179	34.0	5.82

Coverage factors:  $w_{E_{ind, cube avg.}} = [7.56, 7.59]$ ,  $w_{E_{ind, local}} = [10.68, 10.72]$ ,  $w_{E_{ind, line avg.}} = [3.88, 3.90]$

## 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							
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH						
0.00	9.27	N/A	8.68	N/A	2.2	N/A	38.9	8.04	13.9	N/A	1.19	N/A	1.17	N/A	0.74	N/A	2.16	4.95	N/A	N/A	2.16	N/A	8.68	N/A	3.14	N/A
2.00	8.47	N/A	7.98	N/A	2.08	N/A	35.6	7.38	13.1	N/A	1.09	N/A	1.08	N/A	0.70	N/A	1.98	4.55	N/A	N/A	1.98	N/A	7.98	N/A	2.97	N/A

Coverage factors:  $w_{E_{ind, cube avg.}} = [7.56, 7.59]$ ,  $w_{E_{ind, local}} = [10.68, 10.72]$ ,  $w_{E_{ind, line avg.}} = [3.88, 3.90]$