

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, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 12.67 mm, y: -45.27 mm, z: 36.47 mm

Dimensions:
x: 388.0 mm, y: 520.0 mm, z: 36.6 mm

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

Completed on:
2025/11/04

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 136.68 A/m
x: 17.09 A/m, y: 117.58 A/m, z: 67.57 A/m

Maximum H-field location relative to DUT:
x: 11.00 mm, y: -172.33 mm, z: 8.50 mm

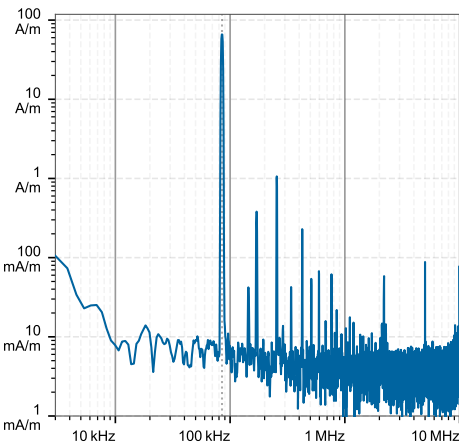
Maximum E-field [RMS]:
MAGNITUDE: 270.79 V/m
x: 12.12 V/m, y: 3.32 V/m, z: 270.50 V/m

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

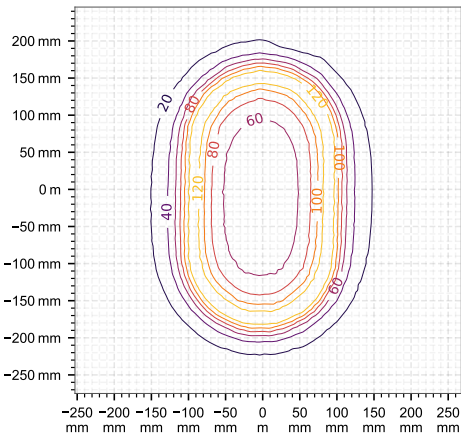
Distance to -20.0 dB boundary:
65.59 mm

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 _{ind} [V/m, RMS]			Peak J _{ind} [A/m ² , RMS]	psSAR [mW/kg]		H-field extent
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]
0.00	212	271	3.49	3.52	3.53	2.47	7.18	5.39	183
2.00	193	247	3.29	3.32	3.33	2.33	6.45	4.91	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	212	271	26.3	5.39	212	271	2.47	5.39	212	271	13.7	5.39	212	271	N/A	7.18	212	271	37.4	7.18
2.00	193	247	25.0	4.91	193	247	2.34	4.91	193	247	13.0	4.91	193	247	N/A	6.45	193	247	35.5	6.45

Coverage factors: $w_{E_{ind}, cube avg.} = [7.54, 7.57]$, $w_{E_{ind}, local} = [10.65, 10.70]$, $w_{E_{ind}, line avg.} = [3.87, 3.89]$

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	10.1	N/A	14.6	N/A	2.29	N/A	42.3	14.1	14.6	N/A	1.3	N/A	1.97	N/A	0.77	N/A	2.35	7.59	N/A	N/A
2.00	9.17	N/A	13.3	N/A	2.18	N/A	38.5	12.9	13.8	N/A	1.18	N/A	1.8	N/A	0.73	N/A	2.14	6.94	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.54, 7.57]$, $w_{E_{ind}, local} = [10.65, 10.70]$, $w_{E_{ind}, line avg.} = [3.87, 3.89]$