

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil35085_1023

Tool info

DASY software version:
DASY8 Module WPT 3.2.0.6673

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
3.2.9, backend: 3.2.20

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: 85.85 mm, y: -39.00 mm, z: 35.82 mm

Dimensions:
x: 345.0 mm, y: 477.0 mm, z: 36.7 mm

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

Completed on:
2026/02/02

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 137.04 A/m
x: 111.29 A/m, y: 53.94 A/m, z: 59.03 A/m

Maximum H-field location relative to DUT:
x: -91.67 mm, y: 113.67 mm, z: 8.50 mm

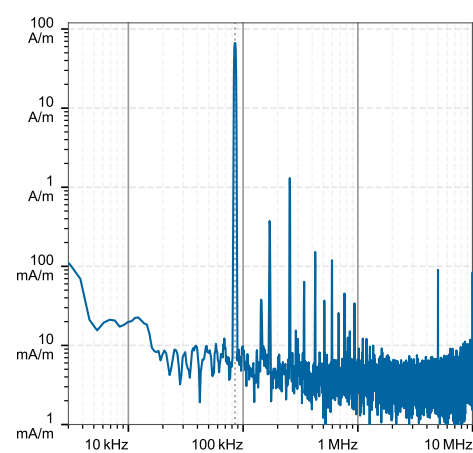
Maximum E-field [RMS]:
MAGNITUDE: 175.22 V/m
x: 9.42 V/m, y: 7.61 V/m, z: 174.80 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: -168.67 mm, z: 0.00 mm

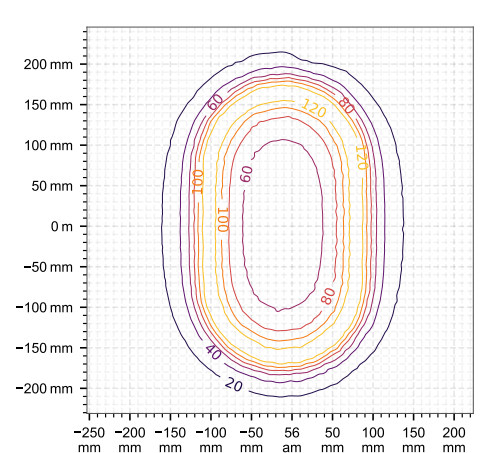
Distance to -20.0 dB boundary:
65.59 mm

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

H-field magnitude [RMS] at 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	220	175	3.58	3.62	3.63	2.53	7.51	5.61	181
2.00	199	161	3.38	3.41	3.42	2.38	6.73	5.10	184

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	220	175	27.0	5.61	220	175	2.53	5.61	220	175	14.0	5.61	220	175	N/A	7.51	220	175	38.4	7.51
2.00	199	161	25.5	5.10	199	161	2.39	5.10	199	161	13.3	5.10	199	161	N/A	6.73	199	161	36.4	6.73

Coverage factors: $w_{E_{ind}, cube avg.} = [7.52, 7.56]$, $w_{E_{ind}, local} = [10.62, 10.67]$, $w_{E_{ind}, line avg.} = [3.87, 3.88]$

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	10.5	N/A	8.15	N/A	2.35	N/A	43.9	7.56	14.9	N/A	1.35	N/A	1.1	N/A	0.79	N/A	2.44	4.23	N/A	N/A
2.00	9.48	N/A	7.5	N/A	2.23	N/A	39.8	6.97	14.1	N/A	1.22	N/A	1.01	N/A	0.75	N/A	2.21	3.9	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.52, 7.56]$, $w_{E_{ind}, local} = [10.62, 10.67]$, $w_{E_{ind}, line avg.} = [3.87, 3.88]$