

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: 53.46 mm, y: -37.15 mm, z: 35.50 mm

Dimensions:
x: 433.0 mm, y: 521.0 mm, z: 36.7 mm

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

Completed on:
2025/06/23

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 137.85 A/m
x: 120.26 A/m, y: 36.86 A/m, z: 56.40 A/m

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

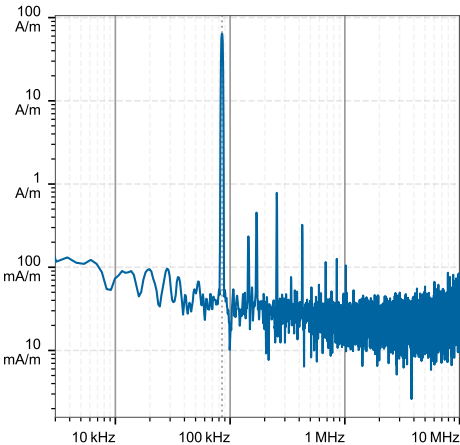
Maximum E-field [RMS]:
MAGNITUDE: 251.85 V/m
x: 15.98 V/m, y: 8.88 V/m, z: 251.18 V/m

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

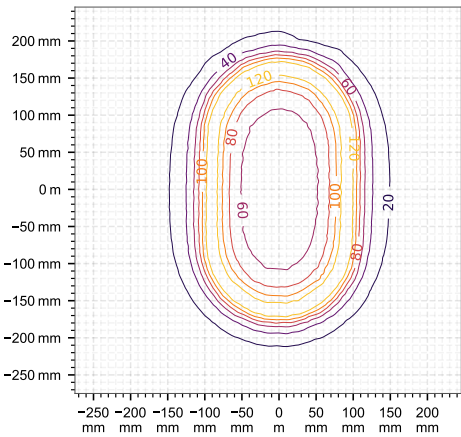
Distance to -20.0 dB boundary:
65.59 mm

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	252	3.47	3.51	3.52	2.45	7.03	5.21	182
2.00	193	228	3.27	3.30	3.31	2.31	6.28	4.73	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	212	252	26.2	5.21	212	252	2.45	5.21	212	252	13.6	5.21	212	252	N/A	7.03	212	252	37.3	7.03
2.00	193	228	24.8	4.73	193	228	2.31	4.73	193	228	12.9	4.73	193	228	N/A	6.28	193	228	35.3	6.28

Coverage factors: $w_{E_{ind}, cube avg.} = [7.53, 7.56]$, $w_{E_{ind}, local} = [10.63, 10.68]$, $w_{E_{ind}, line avg.} = [3.87, 3.88]$

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 [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	10.1	N/A	10.1	N/A	2.28	N/A	42.3	7.86	14.5	N/A	1.3	N/A	1.37	N/A	0.77	N/A	2.35	5.6	N/A	N/A
2.00	9.18	N/A	9.19	N/A	2.16	N/A	38.6	7.12	13.7	N/A	1.18	N/A	1.24	N/A	0.72	N/A	2.14	5.08	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.53, 7.56]$, $w_{E_{ind}, local} = [10.63, 10.68]$, $w_{E_{ind}, line avg.} = [3.87, 3.88]$