

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: 78.25 mm, y: -1.65 mm, z: 36.23 mm

Dimensions:
x: 389.0 mm, y: 477.0 mm, z: 36.7 mm

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

Completed on:
2025/12/04

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 134.71 A/m
x: 48.06 A/m, y: 105.02 A/m, z: 69.34 A/m

Maximum H-field location relative to DUT:
x: 33.00 mm, y: -150.33 mm, z: 8.50 mm

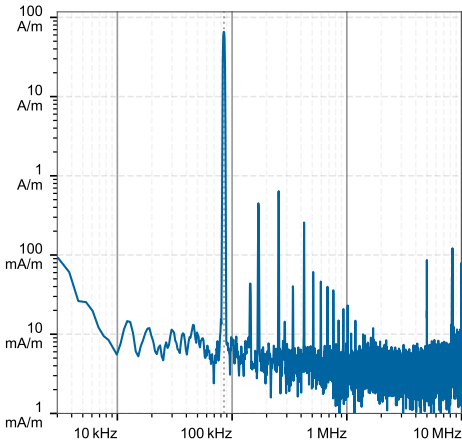
Maximum E-field [RMS]:
MAGNITUDE: 183.69 V/m
x: 7.62 V/m, y: 9.89 V/m, z: 183.27 V/m

Maximum E-field location relative to DUT:
x: 88.00 mm, y: 176.00 mm, z: 0.00 m

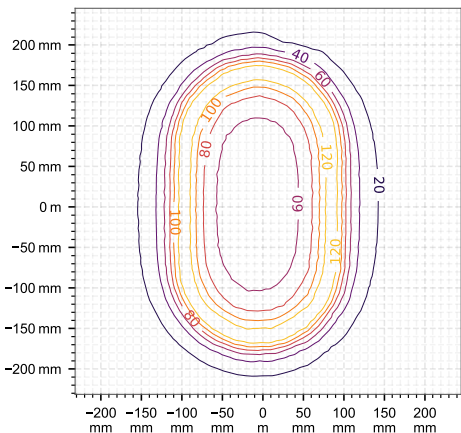
Distance to -20.0 dB boundary:
65.59 mm

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	210	184	3.50	3.53	3.54	2.45	7.07	5.30	182
2.00	191	170	3.29	3.32	3.33	2.31	6.34	4.81	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	210	184	26.4	5.30	210	184	2.46	5.30	210	184	13.7	5.30	210	184	N/A	7.07	210	184	37.6	7.07
2.00	191	170	24.9	4.81	191	170	2.32	4.81	191	170	13.0	4.81	191	170	N/A	6.34	191	170	35.6	6.34

Coverage factors: $w_{E_{ind, cube avg.}} = [7.54, 7.57]$, $w_{E_{ind, local}} = [10.64, 10.69]$, $w_{E_{ind, line avg.}} = [3.87, 3.89]$

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	9.99	N/A	8.37	N/A	2.3	N/A	42.0	7.02	14.5	N/A	1.29	N/A	1.13	N/A	0.77	N/A	2.33	4.2	N/A	N/A
2.00	9.09	N/A	7.75	N/A	2.17	N/A	38.2	6.5	13.7	N/A	1.17	N/A	1.05	N/A	0.73	N/A	2.12	3.88	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.54, 7.57]$, $w_{E_{ind, local}} = [10.64, 10.69]$, $w_{E_{ind, line avg.}} = [3.87, 3.89]$