

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil35085_1023

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: 51.20 mm, y: -71.58 mm, z: 38.62 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:
2026/03/09

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 137.89 A/m
x: 95.11 A/m, y: 76.20 A/m, z: 64.49 A/m

Maximum H-field location relative to DUT:
x: 69.67 mm, y: -128.33 mm, z: 8.50 mm

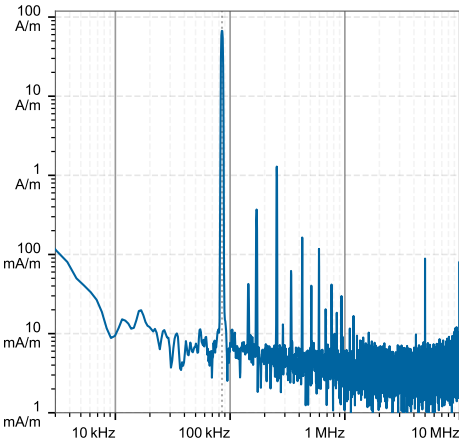
Maximum E-field [RMS]:
MAGNITUDE: 228.21 V/m
x: 14.54 V/m, y: 8.99 V/m, z: 227.57 V/m

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

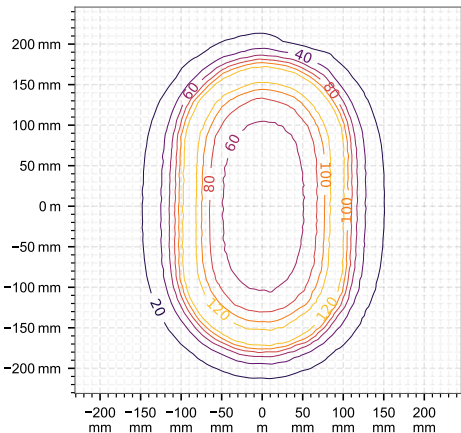
Distance to -20.0 dB boundary:
65.59 mm

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	211	228	3.52	3.56	3.56	2.47	7.18	5.35	183
2.00	192	208	3.31	3.35	3.36	2.33	6.43	4.86	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	211	228	26.6	5.35	211	228	2.48	5.35	211	228	13.8	5.35	211	228	N/A	7.18	211	228	37.9	7.18
2.00	192	208	25.1	4.86	192	208	2.33	4.86	192	208	13.1	4.86	192	208	N/A	6.43	192	208	35.8	6.43

Coverage factors: $w_{E_{ind}, cube avg.} = [7.54, 7.58]$, $w_{E_{ind}, local} = [10.66, 10.70]$, $w_{E_{ind}, line avg.} = [3.88, 3.89]$

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	10.0	N/A	11.3	N/A	2.32	N/A	42.1	12.3	14.6	N/A	1.29	N/A	1.53	N/A	0.78	N/A	2.34	5.63	N/A	N/A
2.00	9.16	N/A	10.3	N/A	2.19	N/A	38.5	11.2	13.8	N/A	1.18	N/A	1.39	N/A	0.74	N/A	2.14	5.12	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.54, 7.58]$, $w_{E_{ind}, local} = [10.66, 10.70]$, $w_{E_{ind}, line avg.} = [3.88, 3.89]$