

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: 74.38 mm, y: 33.37 mm, z: 36.16 mm

Dimensions:
x: 389.0 mm, y: 521.0 mm, z: 36.6 mm

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

Completed on:
2025/12/24

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 142.07 A/m
x: 9.32 A/m, y: 124.18 A/m, z: 68.38 A/m

Maximum H-field location relative to DUT:
x: 3.67 mm, y: -139.67 mm, z: 8.50 mm

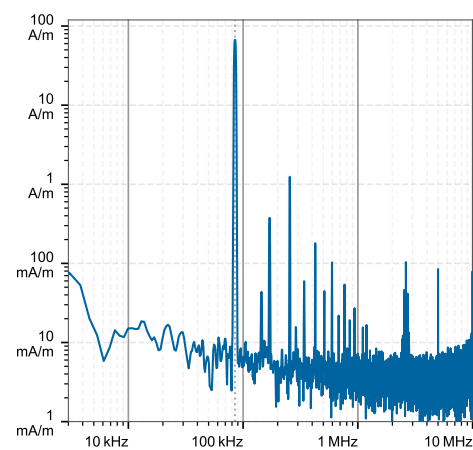
Maximum E-field [RMS]:
MAGNITUDE: 288.83 V/m
x: 8.49 V/m, y: 4.36 V/m, z: 288.67 V/m

Maximum E-field location relative to DUT:
x: 88.00 mm, y: 186.67 mm, z: 0.00 m

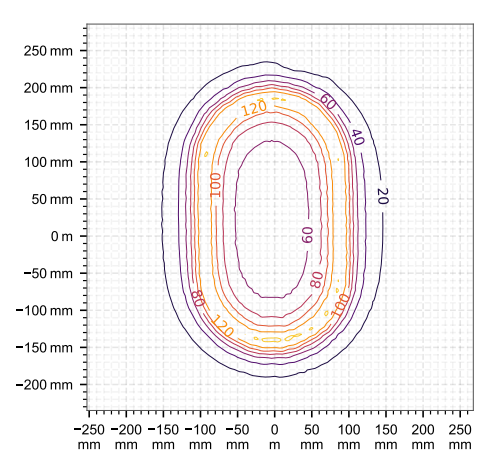
Distance to -20.0 dB boundary:
65.59 mm

Offset relative to DUT:
x: 0.00 m, y: 40.00 mm, 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	225	289	3.61	3.64	3.65	2.54	7.58	5.66	181
2.00	205	264	3.40	3.43	3.44	2.39	6.78	5.14	183

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	225	289	27.1	5.66	225	289	2.54	5.66	225	289	14.1	5.66	225	289	N/A	7.58	225	289	38.6	7.58
2.00	205	264	25.7	5.14	205	264	2.40	5.14	205	264	13.3	5.14	205	264	N/A	6.78	205	264	36.6	6.78

Coverage factors: $w_{E_{ind}, cube\ avg.} = [7.51, 7.54]$, $w_{E_{ind}, local} = [10.61, 10.65]$, $w_{E_{ind}, line\ avg.} = [3.86, 3.88]$

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	10.7	N/A	14.2	N/A	2.36	N/A	45.0	11.9	15.1	N/A	1.38	N/A	1.92	N/A	0.79	N/A	2.5	7.13	N/A	N/A
2.00	9.74	N/A	13.0	N/A	2.24	N/A	40.9	10.9	14.2	N/A	1.26	N/A	1.76	N/A	0.75	N/A	2.27	6.52	N/A	N/A

Coverage factors: $w_{E_{ind}, cube\ avg.} = [7.51, 7.54]$, $w_{E_{ind}, local} = [10.61, 10.65]$, $w_{E_{ind}, line\ avg.} = [3.86, 3.88]$

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil50400_1018

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: 54.51 mm, y: -137.38 mm, z: 36.87 mm

Dimensions:
x: 256.5 mm, y: 344.3 mm, z: 36.6 mm

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

Completed on:
2026/01/06

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 125.75 A/m
x: 23.29 A/m, y: 10.60 A/m, z: 123.12 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: -69.67 mm, z: 8.50 mm

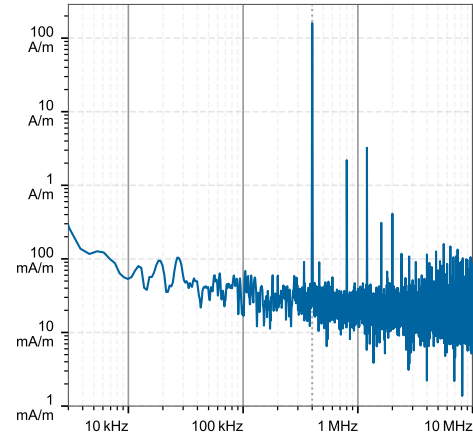
Maximum E-field [RMS]:
MAGNITUDE: 42.29 V/m
x: 24.56 V/m, y: 15.73 V/m, z: 30.63 V/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: -88.00 mm, z: 0.00 mm

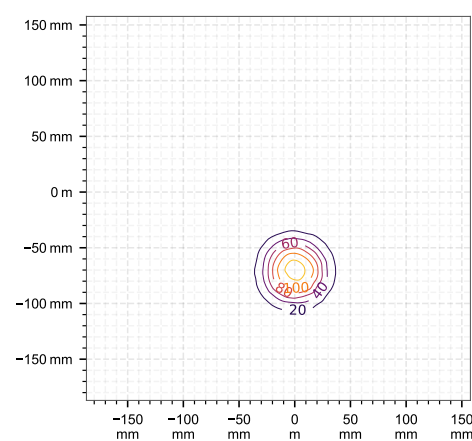
Distance to -20.0 dB boundary:
39.49 mm

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	247	42.3	4.04	4.15	4.14	2.58	6.54	3.25	39.3
2.00	218	39.6	3.49	3.58	3.58	2.20	4.79	2.42	39.5

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	247	42.3	21.8	3.25	247	42.3	2.58	3.25	247	42.3	12.2	3.25	247	42.3	N/A	6.54	247	42.3	31.6	6.54
2.00	218	39.6	18.8	2.42	218	39.6	2.20	2.42	218	39.6	10.6	2.42	218	39.6	N/A	4.79	218	39.6	27.3	4.79

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.39, 5.39]$, $w_{E_{ind}, local} = [7.61, 7.62]$, $w_{E_{ind}, line\ avg.} = [2.95, 2.95]$

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	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
2.00	11.8	20.2	206.0	84.3	0.44	<0.01	135.0	439.0	5.02	<0.01	1.52	2.72	27.8	226.0	0.17	<0.01	152.0	212.0	N/A	<0.01
	10.4	17.8	193.0	78.9	0.38	<0.01	120.0	411.0	4.43	<0.01	1.34	2.4	26.0	211.0	0.15	<0.01	134.0	199.0	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.39, 5.39]$, $w_{E_{ind}, local} = [7.61, 7.62]$, $w_{E_{ind}, line\ avg.} = [2.95, 2.95]$