

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil35085_1023

Tool info

DASY software version:
DASY8 Module WPT 3.4.0.6944

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, 3059, 2026/05/27

Software version:
3.4.0, backend: 3.2.21

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

Scan info

Center location:
x: 116.35 mm, y: -65.22 mm, z: 37.87 mm

Dimensions:
x: 344.6 mm, y: 476.0 mm, z: 36.6 mm

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

Completed on:
2026/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 139.81 A/m
x: 12.97 A/m, y: 116.87 A/m, z: 75.64 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: -157.67 mm, z: 8.50 mm

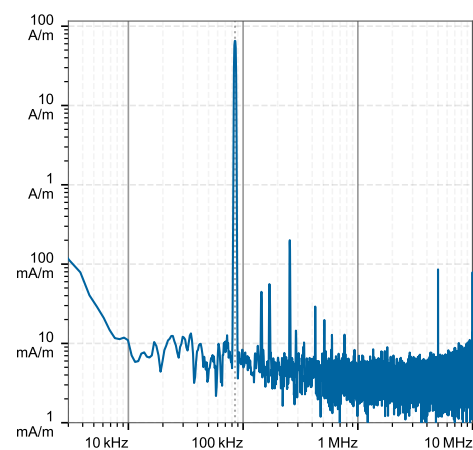
Maximum E-field [RMS]:
MAGNITUDE: 205.80 V/m
x: 10.26 V/m, y: 10.51 V/m, z: 205.28 V/m

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

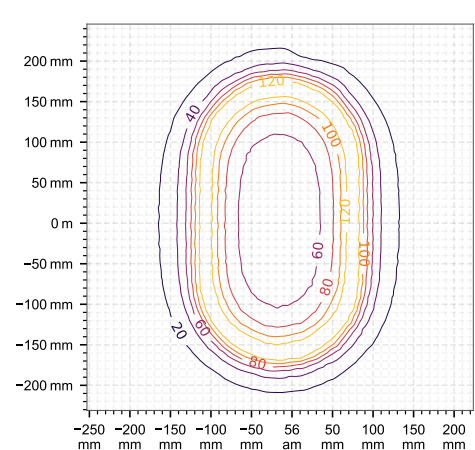
Distance to -20.0 dB boundary:
62.66 mm

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	218	206	3.53	3.57	3.58	2.49	7.29	5.45	181
2.00	198	187	3.33	3.36	3.37	2.35	6.54	4.96	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	218	206	26.6	5.45	218	206	2.49	5.45	218	206	13.8	5.45	218	206	N/A	7.29	218	206	37.9	7.29
2.00	198	187	25.2	4.96	198	187	2.35	4.96	198	187	13.1	4.96	198	187	N/A	6.54	198	187	35.9	6.54

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	10.4	N/A	11.5	N/A	2.32	N/A	43.5	10.6	14.7	N/A	1.34	N/A	1.55	N/A	0.78	N/A	2.42	5.68	N/A	N/A
2.00	9.41	N/A	10.4	N/A	2.19	N/A	39.5	9.6	13.9	N/A	1.21	N/A	1.41	N/A	0.74	N/A	2.2	5.17	N/A	N/A

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

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil50400_1018

Tool info

DASY software version:
DASY8 Module WPT 3.4.0.6944

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, 3059, 2026/05/27

Software version:
3.4.0, backend: 3.2.21

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

Scan info

Center location:
x: 158.84 mm, y: -80.41 mm, z: 38.29 mm

Dimensions:
x: 169.2 mm, y: 168.3 mm, z: 36.7 mm

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

Completed on:
2026/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 134.83 A/m
x: 10.73 A/m, y: 929.89 mA/m, z: 134.40 A/m

Maximum H-field location relative to DUT:
x: -11.00 mm, y: -11.00 mm, z: 8.50 mm

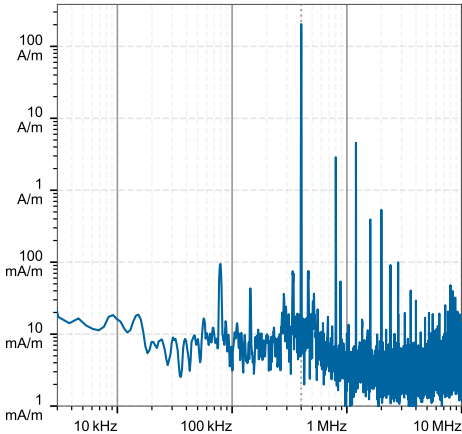
Maximum E-field [RMS]:
MAGNITUDE: 50.74 V/m
x: 23.99 V/m, y: 13.18 V/m, z: 42.72 V/m

Maximum E-field location relative to DUT:
x: 0.00 m, y: -36.67 mm, z: 0.00 m

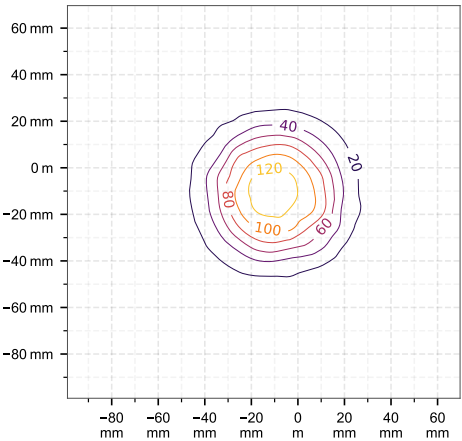
Distance to -20.0 dB boundary:
41.48 mm

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	254	50.7	4.21	4.32	4.32	2.67	6.99	3.47	39.4
2.00	223	47.1	3.61	3.71	3.72	2.27	5.09	2.59	39.7

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	254	50.7	22.7	3.47	254	50.7	2.68	3.47	254	50.7	12.8	3.47	254	50.7	N/A	6.99	254	50.7	32.9	6.99
2.00	223	47.1	19.5	2.59	223	47.1	2.27	2.59	223	47.1	11.0	2.59	223	47.1	N/A	5.09	223	47.1	28.3	5.09

Coverage factors: w_{E_{ind}, cube avg.} = [5.39, 5.39], w_{E_{ind}, local} = [7.62, 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	12.1	20.7	98.4	22.7	0.44	<0.01	139.0	282.0	4.2	<0.01	1.56	2.79	13.3	42.4	0.16	<0.01	1156.0	165.0	N/A	<0.01
2.00	10.6	18.2	91.3	21.1	0.38	<0.01	122.0	262.0	3.64	<0.01	1.37	2.46	12.3	39.3	0.14	<0.01	1137.0	153.0	N/A	<0.01

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