

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: 41.66 mm, y: -23.19 mm, z: 37.27 mm

Dimensions:
x: 432.0 mm, y: 520.0 mm, z: 36.6 mm

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

Completed on:
2025/08/27

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 127.05 A/m

x: 111.65 A/m, y: 27.09 A/m, z: 54.25 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: 204.15 V/m

x: 10.20 V/m, y: 5.29 V/m, z: 203.83 V/m

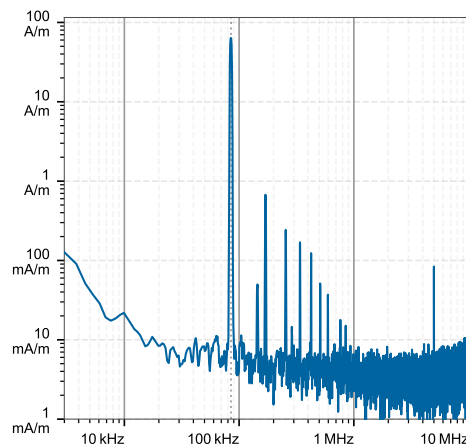
Maximum E-field location relative to DUT:
x: 88.00 mm, y: 146.67 mm, z: 0.00 m

Distance to -20.0 dB boundary:
69.57 mm

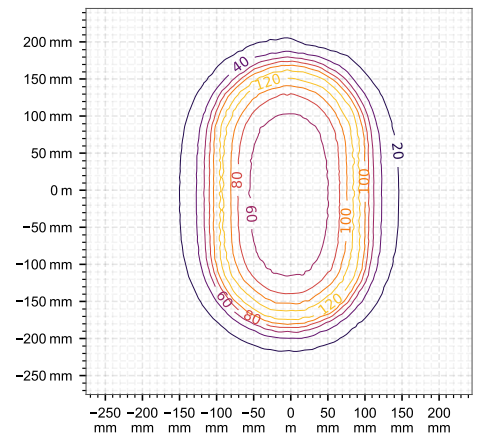
Offset relative to DUT:

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	196	204	3.33	3.36	3.37	2.34	6.46	4.84	184
2.00	179	188	3.14	3.17	3.18	2.21	5.80	4.40	186

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	196	204	25.2	4.84	196	204	2.35	4.84	196	204	13.1	4.84	196	204	N/A	6.46	196	204	35.9	6.46
2.00	179	188	23.9	4.40	179	188	2.22	4.40	179	188	12.4	4.40	179	188	N/A	5.80	179	188	34.0	5.80

Coverage factors: $w_{E_{ind, cube avg.}} = [7.56, 7.60]$, $w_{E_{ind, local}} = [10.68, 10.73]$, $w_{E_{ind, line avg.}} = [3.88, 3.90]$

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	9.31	N/A	7.55	N/A	2.19	N/A	39.1	7.33	13.8	N/A	1.2	N/A	1.02	N/A	0.74	N/A	2.17	4.39	N/A	N/A
2.00	8.5	N/A	6.94	N/A	2.08	N/A	35.7	6.74	13.1	N/A	1.1	N/A	0.94	N/A	0.70	N/A	1.98	4.03	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.56, 7.60]$, $w_{E_{ind, local}} = [10.68, 10.73]$, $w_{E_{ind, line avg.}} = [3.88, 3.90]$

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil50400

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: 78.27 mm, **y**: 13.46 mm, **z**: 36.89 mm

Dimensions:
x: 124.7 mm, **y**: 257.0 mm, **z**: 36.7 mm

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

Completed on:
2025/08/27

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128.68 A/m

x: 16.55 A/m, **y**: 4.27 A/m, **z**: 127.54 A/m

Maximum H-field location relative to DUT:
x: -3.63 mm, **y**: -3.63 mm, **z**: 8.50 mm

Maximum E-field [RMS]:
MAGNITUDE: 45.85 V/m

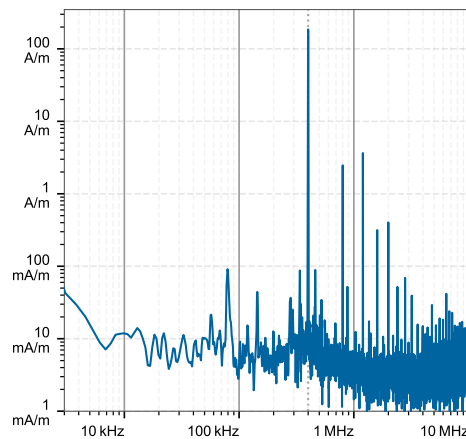
x: 21.91 V/m, **y**: 11.03 V/m, **z**: 38.74 V/m

Maximum E-field location relative to DUT:
x: 33.33 μ m, **y**: -36.63 mm, **z**: 0.00 mm

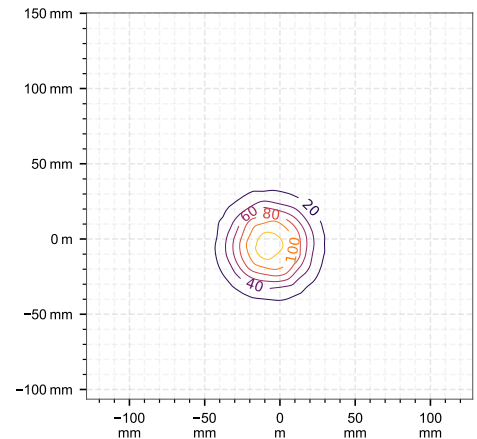
Distance to -20.0 dB boundary:
39.49 mm

Offset relative to DUT:
x: 36.70 mm, **y**: 36.70 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	250	45.9	4.05	4.16	4.15	2.57	6.60	3.40	39.2
2.00	221	42.7	3.50	3.60	3.61	2.20	4.91	2.57	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	250	45.9	21.8	3.40	250	45.9	2.57	3.40	250	45.9	12.3	3.40	250	45.9	N/A	6.60	250	45.9	31.7	6.60
2.00	221	42.7	18.9	2.57	221	42.7	2.21	2.57	221	42.7	10.7	2.57	221	42.7	N/A	4.91	221	42.7	27.4	4.91

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	11.9	20.4	94.2	54.4	0.42	<0.01	137.0	168.0	4.03	<0.01	1.53	2.75	12.7	44.2	0.16	<0.01	153.0	75.1	N/A	<0.01
2.00	10.5	18.0	87.7	50.7	0.36	<0.01	121.0	157.0	3.52	<0.01	1.36	2.43	11.9	41.1	0.14	<0.01	136.0	69.9	N/A	<0.01

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

Simulation performed at 2025/08/27 using Sim4Life version 8.0.1.15737

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: 52.15 mm, **y**: -137.26 mm, **z**: 37.31 mm

Dimensions:
x: 389.0 mm, **y**: 476.0 mm, **z**: 36.7 mm

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

Completed on:
2025/09/02

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 127.35 A/m
x: 39.57 A/m, **y**: 99.82 A/m, **z**: 68.47 A/m

Maximum H-field location relative to DUT:
x: 25.67 mm, **y**: -143.00 mm, **z**: 8.50 mm

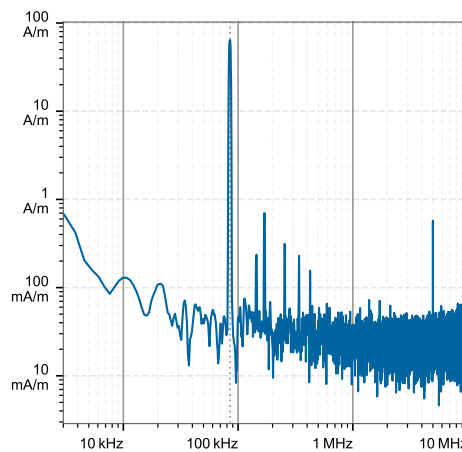
Maximum E-field [RMS]:
MAGNITUDE: 202.08 V/m
x: 5.85 V/m, **y**: 4.21 V/m, **z**: 201.95 V/m

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

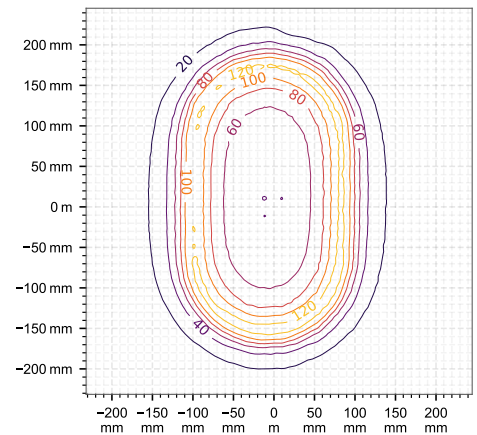
Distance to -20.0 dB boundary:
67.61 mm

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	199	202	3.28	3.32	3.32	2.31	6.31	4.76	183
2.00	182	186	3.10	3.13	3.13	2.18	5.67	4.34	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	199	202	24.8	4.76	199	202	2.32	4.76	199	202	12.9	4.76	199	202	N/A	6.31	199	202	35.3	6.31
2.00	182	186	23.5	4.34	182	186	2.19	4.34	182	186	12.2	4.34	182	186	N/A	5.67	182	186	33.4	5.67

Coverage factors: $w_{E_{ind, cube avg.}} = [7.54, 7.58]$, $w_{E_{ind, local}} = [10.65, 10.70]$, $w_{E_{ind, line avg.}} = [3.87, 3.89]$

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	9.49	N/A	10.1	N/A	2.16	N/A	39.8	10.2	13.7	N/A	1.22	N/A	1.37	N/A	0.73	N/A	2.21	5.88	N/A	N/A
2.00	8.66	N/A	9.32	N/A	2.05	N/A	36.4	9.45	12.9	N/A	1.12	N/A	1.26	N/A	0.69	N/A	2.02	5.42	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.54, 7.58]$, $w_{E_{ind, local}} = [10.65, 10.70]$, $w_{E_{ind, line avg.}} = [3.87, 3.89]$

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil50400

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:
2025/09/02

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

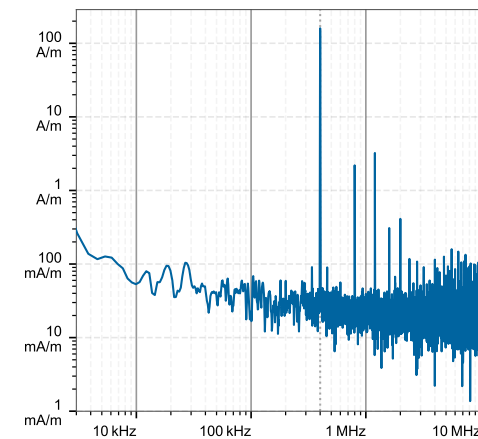
x: 24.56 V/m, y: 15.73 V/m, z: 30.63 V/m

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

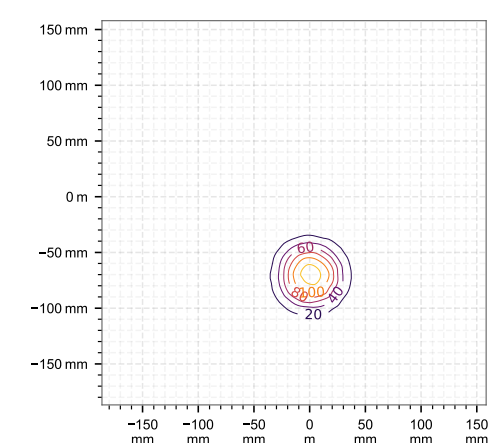
Distance to -20.0 dB boundary:
39.49 mm

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	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	1152.0	212.0	N/A	<0.01
2.00	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	1134.0	199.0	N/A	<0.01

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

simulation performed at 2025/09/02 using Sim4Life version 8.0.1.15737