

Device under test

Info:
V-Coil35085_1039

Tool info

DASY software version:
DASY8 Module WPT 3.4.0.6944

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv3, 4007,2025-11-28,

Software version:
3.4.0, backend: 3.2.21

Scan info

Center location:
x: 560.00 μm, y: -26.23 mm, z: 45.55 mm

Dimensions:
x: 388.0 mm, y: 476.0 mm, z: 36.7 mm

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

Completed on:
2026/03/09

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 159.19 A/m
x: 135.73 A/m, y: 42.07 A/m, z: 71.75 A/m

Maximum H-field location relative to DUT:
x: -84.33 mm, y: 99.00 mm, z: 8.50 mm

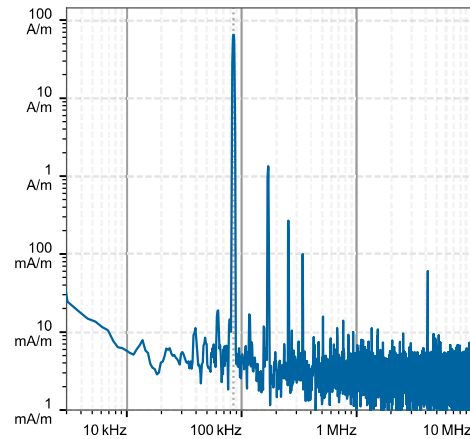
Maximum E-field [RMS]:
MAGNITUDE: 165.71 V/m
x: 14.19 V/m, y: 10.53 V/m, z: 164.76 V/m

Maximum E-field location relative to DUT:
x: 44.00 mm, y: -161.33 mm, z: 0.00 mm

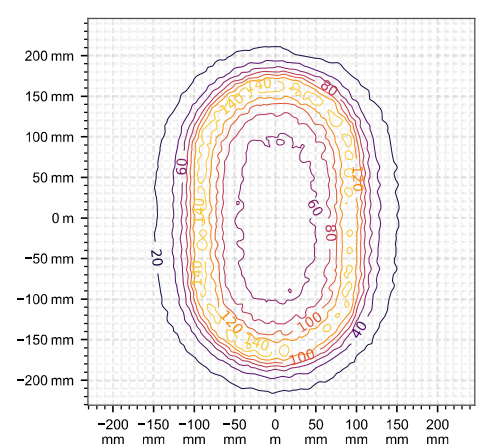
Distance to -20.0 dB boundary:
60.47 mm

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	234	166	3.68	3.72	3.73	2.58	7.79	5.74	180
2.00	213	150	3.46	3.50	3.51	2.43	6.94	5.20	182

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	234	166	27.6	5.74	234	166	2.58	5.74	234	166	14.4	5.74	234	166	N/A	7.79	234	166	39.4	7.79
2.00	213	150	26.1	5.20	213	150	2.43	5.20	213	150	13.6	5.20	213	150	N/A	6.94	213	150	37.2	6.94

Coverage factors: $w_{E_{ind}, cube avg.} = [7.50, 7.54]$, $w_{E_{ind}, local} = [10.59, 10.64]$, $w_{E_{ind}, line avg.} = [3.86, 3.87]$

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	20.9	N/A	19.8	N/A	7.64	N/A	33.4	18.9	23.7	N/A	3.14	N/A	2.41	N/A	-1.83	N/A	8.3	12.9	N/A	N/A
2.00	20.1	N/A	19.0	N/A	7.14	N/A	32.6	18.1	23.1	N/A	2.31	N/A	1.57	N/A	-2.34	N/A	7.47	12.1	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.50, 7.54]$, $w_{E_{ind}, local} = [10.59, 10.64]$, $w_{E_{ind}, line avg.} = [3.86, 3.87]$

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+E3Dv3, 4007, 2025-11-28,

Software version:
3.4.0, backend: 3.2.21

Scan info

Center location:
x: 101.42 mm, y: 9.17 mm, z: 36.28 mm

Dimensions:
x: 168.6 mm, y: 168.6 mm, z: 36.6 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: 134.23 A/m
x: 20.04 A/m, y: 5.88 A/m, z: 132.60 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: 14.33 mm, z: 8.50 mm

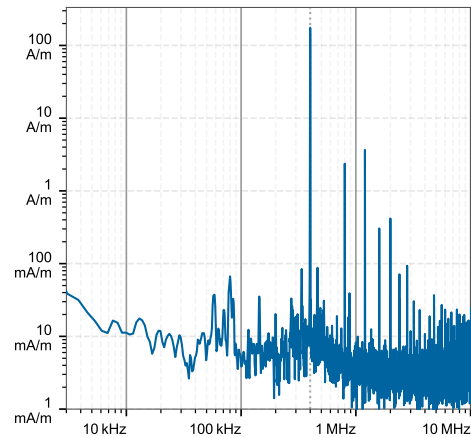
Maximum E-field [RMS]:
MAGNITUDE: 48.00 V/m
x: 26.44 V/m, y: 15.36 V/m, z: 36.99 V/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: -4.00 mm, z: 0.00 m

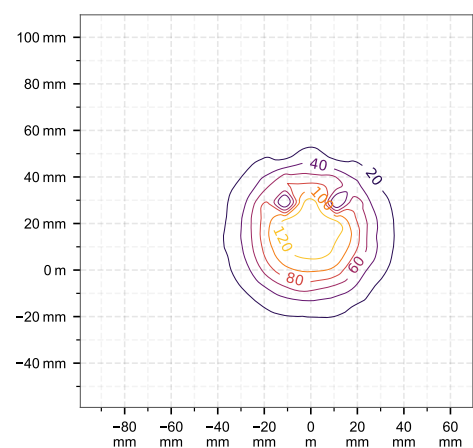
Distance to -20.0 dB boundary:
37.39 mm

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	264	48.0	4.23	4.33	4.32	2.70	7.16	3.52	39.3
2.00	233	44.6	3.66	3.76	3.75	2.30	5.26	2.63	39.4

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]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	264	48.0	22.8	3.52	264	48.0	2.70	3.52	264	48.0	12.8	3.52	264	48.0	N/A	7.16	264	48.0	32.9	7.16
2.00	233	44.6	19.7	2.63	233	44.6	2.31	2.63	233	44.6	11.1	2.63	233	44.6	N/A	5.26	233	44.6	28.6	5.26

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

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	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
0.00	12.6	21.6	133.0	31.0	0.44	<0.01	145.0	290.0	4.53	<0.01	1.62	2.9	17.9	80.3	0.17	<0.01	1162.0	159.0	N/A	<0.01
2.00	11.1	19.0	123.0	28.8	0.39	<0.01	128.0	270.0	3.96	<0.01	1.43	2.56	16.7	74.7	0.15	<0.01	1143.0	148.0	N/A	<0.01

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