

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: 113.33 mm, y: -48.76 mm, z: 36.73 mm

Dimensions:
x: 388.7 mm, y: 477.0 mm, z: 36.7 mm

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

Completed on:
2025/09/15

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 135.73 A/m

x: 115.35 A/m, y: 39.53 A/m, z: 59.62 A/m

Maximum H-field location relative to DUT:
x: 108.33 mm, y: -75.50 mm, z: 8.50 mm

Maximum E-field [RMS]:
MAGNITUDE: 211.67 V/m

x: 10.01 V/m, y: 9.52 V/m, z: 211.21 V/m

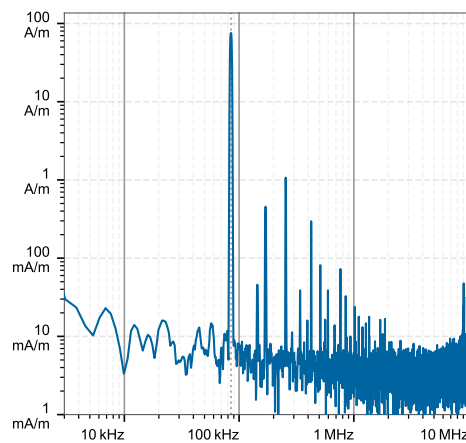
Maximum E-field location relative to DUT:
x: 112.00 mm, y: 199.50 mm, z: 0.00 mm

Distance to -20.0 dB boundary:
69.18 mm

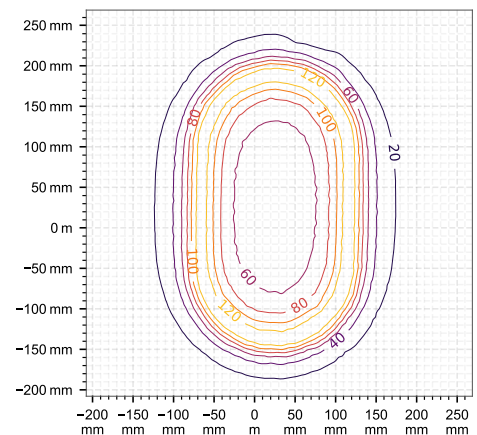
Offset relative to DUT:

x: 24.00 mm, y: 23.50 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	209	212	3.44	3.47	3.48	2.42	6.87	5.15	183
2.00	191	194	3.24	3.27	3.28	2.28	6.16	4.68	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]	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]
0.00	209	212	25.9	5.15	209	212	2.42	5.15	209	212	13.5	5.15	209	212	N/A	6.87	209	212	37.0	6.87
2.00	191	194	24.5	4.68	191	194	2.28	4.68	191	194	12.8	4.68	191	194	N/A	6.16	191	194	35.0	6.16

Coverage factors: $w_{E_{ind, cube avg.}} = [7.54, 7.58]$, $w_{E_{ind, local}} = [10.65, 10.70]$, $w_{E_{ind, line avg.}} = [3.88, 3.89]$

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	RL	BR	RL	BR	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR	RL	BR
0.00	9.94	N/A	10.2	N/A	2.26	N/A	41.8	9.75	14.3	N/A	1.28	N/A	1.38	N/A	0.76	N/A	2.32	6.22	N/A	N/A
2.00	9.07	N/A	9.35	N/A	2.14	N/A	38.1	8.92	13.5	N/A	1.17	N/A	1.26	N/A	0.72	N/A	2.12	5.69	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.54, 7.58]$, $w_{E_{ind, local}} = [10.65, 10.70]$, $w_{E_{ind, line avg.}} = [3.88, 3.89]$

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MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 83.70 mm, y: 10.04 mm, z: 36.73 mm

Dimensions:
x: 344.0 mm, y: 521.0 mm, z: 36.7 mm

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

Completed on:
2025/09/16

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 132.81 A/m

x: 35.51 A/m, y: 114.77 A/m, z: 56.61 A/m

Maximum H-field location relative to DUT:
x: 18.33 mm, y: -179.67 mm, z: 8.50 mm

Maximum E-field [RMS]:
MAGNITUDE: 220.23 V/m

x: 6.12 V/m, y: 2.70 V/m, z: 220.13 V/m

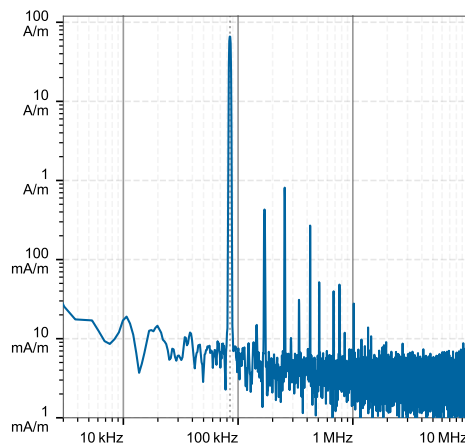
Maximum E-field location relative to DUT:
x: 88.00 mm, y: 139.33 mm, z: 0.00 m

Distance to -20.0 dB boundary:
62.66 mm

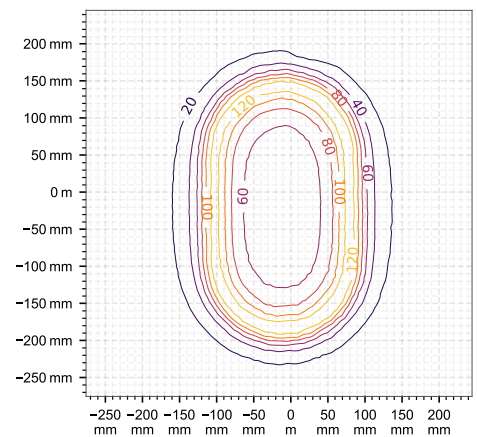
Offset relative to DUT:

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	211	220	3.46	3.50	3.50	2.44	7.06	5.32	182
2.00	192	203	3.28	3.30	3.31	2.31	6.35	4.85	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	211	220	26.1	5.32	211	220	2.45	5.32	211	220	13.6	5.32	211	220	N/A	7.06	211	220	37.2	7.06
2.00	192	203	24.8	4.85	192	203	2.32	4.85	192	203	12.9	4.85	192	203	N/A	6.35	192	203	35.3	6.35

Coverage factors: $w_{E_{ind, cube avg.}} = [7.53, 7.56]$, $w_{E_{ind, local}} = [10.63, 10.68]$, $w_{E_{ind, line avg.}} = [3.87, 3.88]$

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	10.1	N/A	7.65	N/A	2.27	N/A	42.3	7.3	14.4	N/A	1.3	N/A	1.03	N/A	0.76	N/A	2.35	5.05	N/A	N/A
2.00	9.12	N/A	7.04	N/A	2.16	N/A	38.3	6.71	13.7	N/A	1.18	N/A	0.95	N/A	0.72	N/A	2.13	4.65	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.53, 7.56]$, $w_{E_{ind, local}} = [10.63, 10.68]$, $w_{E_{ind, line avg.}} = [3.87, 3.88]$