

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: 79.58 mm, y: -8.94 mm, z: 37.15 mm

Dimensions:
x: 432.0 mm, y: 609.0 mm, z: 36.7 mm

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

Completed on:
2025/08/22

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128.06 A/m
x: 56.26 A/m, y: 93.67 A/m, z: 66.78 A/m

Maximum H-field location relative to DUT:
x: 47.67 mm, y: -135.67 mm, z: 8.50 mm

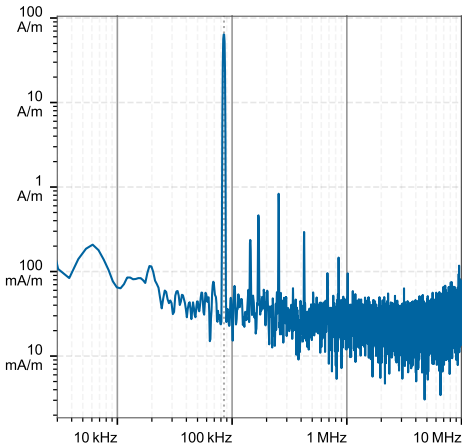
Maximum E-field [RMS]:
MAGNITUDE: 244.39 V/m
x: 10.75 V/m, y: 3.33 V/m, z: 244.13 V/m

Maximum E-field location relative to DUT:
x: 95.33 mm, y: 176.00 mm, z: 0.00 m

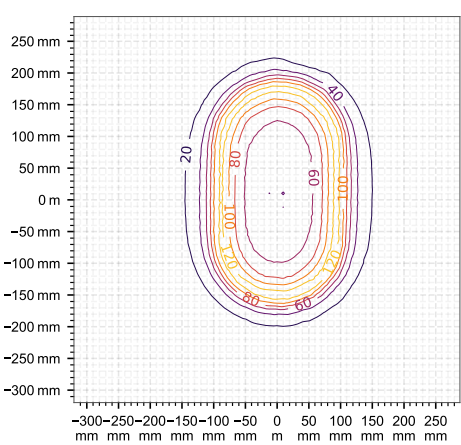
Distance to -20.0 dB boundary:
67.61 mm

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	244	3.35	3.39	3.39	2.36	6.59	4.95	183
2.00	182	224	3.17	3.20	3.20	2.23	5.92	4.50	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	244	25.3	4.95	199	244	2.37	4.95	199	244	13.2	4.95	199	244	N/A	6.59	199	244	36.1	6.59
2.00	182	224	24.0	4.50	182	224	2.24	4.50	182	224	12.5	4.50	182	224	N/A	5.92	182	224	34.2	5.92

Coverage factors: $w_{E_{ind, cube avg.}} = [7.55, 7.58]$, $w_{E_{ind, local}} = [10.66, 10.71]$, $w_{E_{ind, line avg.}} = [3.88, 3.89]$

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	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
0.00	9.47	N/A	11.3	N/A	2.21	N/A	39.8	10.4	14.0	N/A	1.22	N/A	1.53	N/A	0.74	N/A	2.21	5.83	N/A	N/A
2.00	8.65	N/A	10.4	N/A	2.09	N/A	36.3	9.55	13.2	N/A	1.11	N/A	1.4	N/A	0.70	N/A	2.02	5.34	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.55, 7.58]$, $w_{E_{ind, local}} = [10.66, 10.71]$, $w_{E_{ind, line avg.}} = [3.88, 3.89]$