

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: 18.48 mm, y: -89.17 mm, z: 36.23 mm

Dimensions:
x: 389.0 mm, y: 520.0 mm, z: 36.7 mm

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

Completed on:
2025/11/25

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 135.82 A/m
x: 111.27 A/m, y: 49.63 A/m, z: 60.01 A/m

Maximum H-field location relative to DUT:
x: 84.33 mm, y: -113.67 mm, z: 8.50 mm

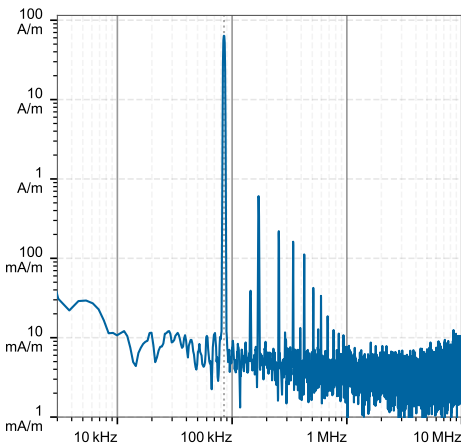
Maximum E-field [RMS]:
MAGNITUDE: 235.51 V/m
x: 15.35 V/m, y: 7.78 V/m, z: 234.88 V/m

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

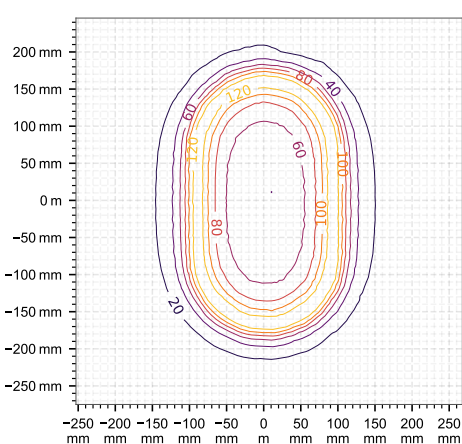
Distance to -20.0 dB boundary:
63.08 mm

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	212	236	3.44	3.47	3.48	2.41	6.83	5.10	182
2.00	193	214	3.24	3.27	3.28	2.27	6.12	4.63	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	212	236	25.9	5.10	212	236	2.42	5.10	212	236	13.5	5.10	212	236	N/A	6.83	212	236	36.9	6.83
2.00	193	214	24.5	4.63	193	214	2.28	4.63	193	214	12.7	4.63	193	214	N/A	6.12	193	214	34.9	6.12

Coverage factors: $w_{E_{ind}, cube\ avg.} = [7.52, 7.56]$, $w_{E_{ind}, local} = [10.63, 10.68]$, $w_{E_{ind}, line\ avg.} = [3.87, 3.88]$

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	14.0	N/A	2.26	N/A	42.3	11.6	14.3	N/A	1.3	N/A	1.89	N/A	0.76	N/A	2.35	6.6	N/A	N/A
2.00	9.19	N/A	12.7	N/A	2.14	N/A	38.6	10.5	13.5	N/A	1.18	N/A	1.71	N/A	0.72	N/A	2.14	6.0	N/A	N/A

Coverage factors: $w_{E_{ind}, cube\ avg.} = [7.52, 7.56]$, $w_{E_{ind}, local} = [10.63, 10.68]$, $w_{E_{ind}, line\ avg.} = [3.87, 3.88]$