

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: 83.44 mm, y: 13.87 mm, z: 37.15 mm

Dimensions:
x: 345.0 mm, y: 521.0 mm, z: 36.7 mm

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

Completed on:
2025/08/20

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128.99 A/m
x: 102.37 A/m, y: 55.06 A/m, z: 55.93 A/m

Maximum H-field location relative to DUT:
x: 69.67 mm, y: -128.33 mm, z: 8.50 mm

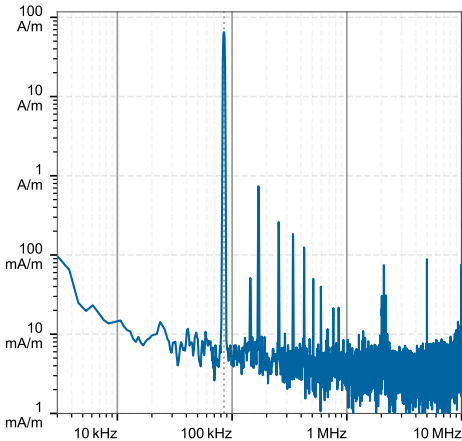
Maximum E-field [RMS]:
MAGNITUDE: 217.15 V/m
x: 6.85 V/m, y: 3.08 V/m, z: 217.02 V/m

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

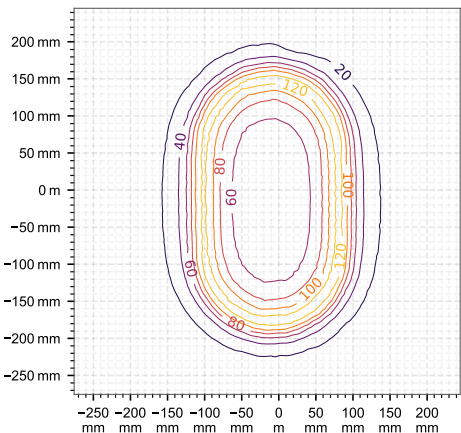
Distance to -20.0 dB boundary:
65.59 mm

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	198	217	3.42	3.45	3.46	2.41	6.87	5.19	183
2.00	180	200	3.23	3.26	3.26	2.28	6.19	4.74	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	198	217	25.8	5.19	198	217	2.41	5.19	198	217	13.4	5.19	198	217	N/A	6.87	198	217	36.8	6.87
2.00	180	200	24.5	4.74	180	200	2.28	4.74	180	200	12.7	4.74	180	200	N/A	6.19	180	200	34.9	6.19

Coverage factors: $w_{E_{ind, cube avg.}} = [7.55, 7.59]$, $w_{E_{ind, local}} = [10.67, 10.72]$, $w_{E_{ind, line avg.}} = [3.88, 3.89]$

Compliance evaluation (Exposure ratios)

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	9.41	N/A	9.97	N/A	2.25	N/A	39.5	9.52	14.3	N/A	1.21	N/A	1.35	N/A	0.75	N/A	2.2	6.35	N/A	N/A
2.00	8.58	N/A	9.19	N/A	2.14	N/A	36.0	8.77	13.5	N/A	1.1	N/A	1.24	N/A	0.72	N/A	2.0	5.85	N/A	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.55, 7.59]$, $w_{E_{ind, local}} = [10.67, 10.72]$, $w_{E_{ind, line avg.}} = [3.88, 3.89]$