

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, 2026/03/25

Software version:
3.4.0, backend: 3.2.21

Scan info

Center location:
x: 30.00 μm, y: -95.92 mm, z: 45.82 mm

Dimensions:
x: 389.0 mm, y: 477.0 mm, z: 36.7 mm

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

Completed on:
2026/05/26

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 137.68 A/m
x: 112.56 A/m, y: 36.02 A/m, z: 70.64 A/m

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

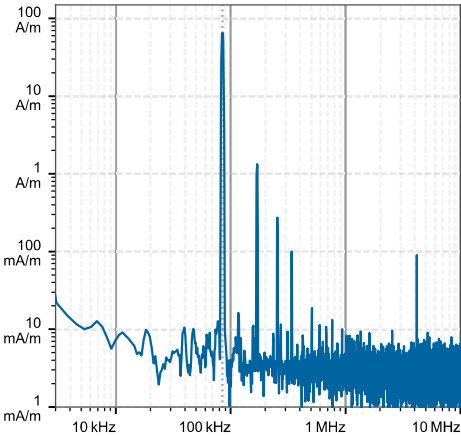
Maximum E-field [RMS]:
MAGNITUDE: 125.26 V/m
x: 5.83 V/m, y: 11.22 V/m, z: 124.62 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: -176.00 mm, z: 0.00 m

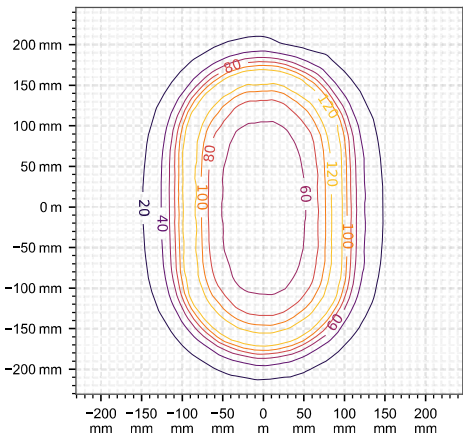
Distance to -20.0 dB boundary:
65.59 mm

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	210	125	3.46	3.49	3.50	2.44	6.98	5.18	182
2.00	192	114	3.26	3.29	3.30	2.30	6.24	4.70	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]	ERL [RMS]	DRL [RMS]	MPE [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	210	125	26.1	5.18	210	125	2.44	5.18	210	125	13.5	5.18	210	125	N/A	6.98	210	125	37.1	6.98
2.00	192	114	24.7	4.70	192	114	2.30	4.70	192	114	12.8	4.70	192	114	N/A	6.24	192	114	35.2	6.24

Coverage factors: $w_{E_{ind}, cube avg.} = [7.53, 7.56]$, $w_{E_{ind}, local} = [10.64, 10.68]$, $w_{E_{ind}, line avg.} = [3.87, 3.88]$

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	ERL	DRL	MPE	BR	RL	BR	RL	BR
0.00	20.0	N/A	16.2	N/A	7.13	N/A	32.4	15.8	23.2	N/A	2.18	N/A	-1.2	N/A	-2.36	N/A	7.34	10.5	N/A	N/A
2.00	19.2	N/A	15.4	N/A	6.65	N/A	31.7	15.0	22.7	N/A	1.41	N/A	-2.0	N/A	-2.84	N/A	6.57	9.68	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.53, 7.56]$, $w_{E_{ind}, local} = [10.64, 10.68]$, $w_{E_{ind}, line avg.} = [3.87, 3.88]$