

Device under test

Info:
V-Coil35085_1023

Tool info

DASY software version:
DASY8 Module WPT 3.4.0.6944

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, 3059, 2026/05/27

Software version:
3.4.0, backend: 3.2.21

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: 138.31 mm, y: -43.21 mm, z: 37.20 mm

Dimensions:
x: 344.7 mm, y: 476.0 mm, z: 36.7 mm

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

Completed on:
2026/08/25

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 142.69 A/m
x: 18.37 A/m, y: 119.34 A/m, z: 76.03 A/m

Maximum H-field location relative to DUT:
x: 3.67 mm, y: -165.00 mm, z: 8.50 mm

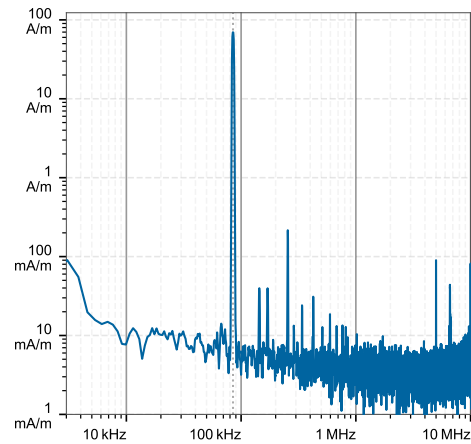
Maximum E-field [RMS]:
MAGNITUDE: 226.51 V/m
x: 10.42 V/m, y: 11.35 V/m, z: 225.99 V/m

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

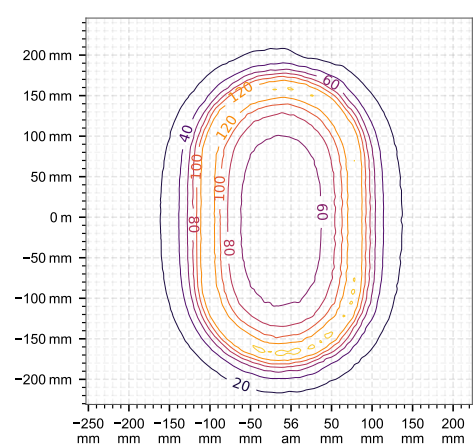
Distance to -20.0 dB boundary:
62.66 mm

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	223	227	3.61	3.65	3.66	2.55	7.61	5.67	181
2.00	203	207	3.41	3.44	3.45	2.40	6.81	5.15	183

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]	PH _{inc} [A/m]	PE _{inc} [V/m]	RL [RMS]	BR [RMS]	PH _{inc} [A/m]	PE _{inc} [V/m]	PH _{inc} [A/m]	PE _{inc} [V/m]	PH _{inc} [A/m]	PE _{inc} [V/m]	PH _{inc} [A/m]	PE _{inc} [V/m]	PH _{inc} [A/m]	PE _{inc} [V/m]	PH _{inc} [A/m]	PE _{inc} [V/m]	PH _{inc} [A/m]	PE _{inc} [V/m]
0.00	223	227	27.2	5.67	223	227	2.55	5.67	223	227	14.1	5.67	223	227	N/A	7.61	223	227	38.7	7.61
2.00	203	207	25.7	5.15	203	207	2.40	5.15	203	207	13.4	5.15	203	207	N/A	6.81	203	207	36.7	6.81

Coverage factors: $w_{E_{ind, cube avg.}} = [7.51, 7.55]$, $w_{E_{ind, local}} = [10.61, 10.66]$, $w_{E_{ind, line avg.}} = [3.86, 3.88]$

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	PH _{inc}	PE _{inc}	RL	BR	PH _{inc}	PE _{inc}	PH _{inc}	PE _{inc}	PH _{inc}	PE _{inc}	PH _{inc}	PE _{inc}	PH _{inc}	PE _{inc}	PH _{inc}	PE _{inc}	PH _{inc}	PE _{inc}
0.00	10.6	N/A	9.63	N/A	44.5	8.33	15.1	N/A	1.37	N/A	1.3	N/A	0.80	N/A	2.47	5.7	2.47	N/A	9.63	N/A
2.00	9.64	N/A	8.8	N/A	40.5	7.62	14.2	N/A	1.24	N/A	1.19	N/A	0.75	N/A	2.25	5.21	2.25	N/A	8.8	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.51, 7.55]$, $w_{E_{ind, local}} = [10.61, 10.66]$, $w_{E_{ind, line avg.}} = [3.86, 3.88]$