

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: 129.35 mm, y: -55.03 mm, z: 37.17 mm

Dimensions:
x: 344.6 mm, y: 521.0 mm, z: 36.6 mm

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

Completed on:
2026/08/17

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 138.93 A/m
x: 7.09 A/m, y: 128.16 A/m, z: 53.17 A/m

Maximum H-field location relative to DUT:
x: -11.00 mm, y: -179.67 mm, z: 8.50 mm

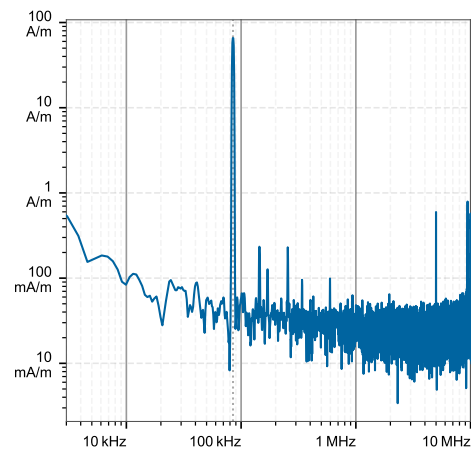
Maximum E-field [RMS]:
MAGNITUDE: 226.19 V/m
x: 1.89 V/m, y: 5.26 V/m, z: 226.12 V/m

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

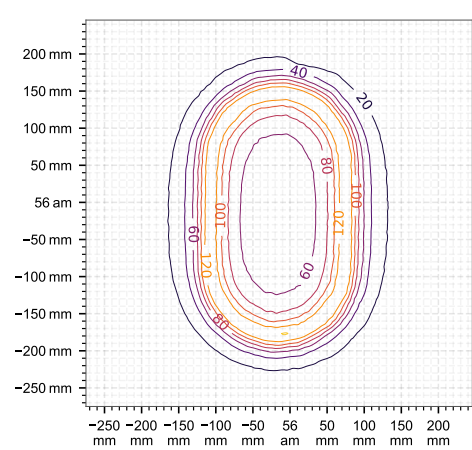
Distance to -20.0 dB boundary:
59.12 mm

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	218	226	3.55	3.59	3.59	2.49	7.33	5.48	181
2.00	199	208	3.34	3.38	3.38	2.36	6.58	4.99	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]	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	218	226	26.7	5.48	218	226	2.50	5.48	218	226	13.9	5.48	218	226	N/A	7.33	218	226	38.0	7.33
2.00	199	208	25.2	4.99	199	208	2.36	4.99	199	208	13.1	4.99	199	208	N/A	6.58	199	208	36.0	6.58

Coverage factors: $w_{E_{ind}, cube avg.} = [7.51, 7.54]$, $w_{E_{ind}, local} = [10.61, 10.66]$, $w_{E_{ind}, line avg.} = [3.86, 3.88]$

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	RL	BR	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
0.00	10.4	N/A	12.1	N/A	2.33	N/A	43.6	11.7	14.8	N/A	1.34	N/A	1.64	N/A	0.78	N/A	2.42	6.11	N/A	N/A
2.00	9.47	N/A	11.1	N/A	2.2	N/A	39.8	10.8	14.0	N/A	1.22	N/A	1.5	N/A	0.74	N/A	2.21	5.62	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg.} = [7.51, 7.54]$, $w_{E_{ind}, local} = [10.61, 10.66]$, $w_{E_{ind}, line avg.} = [3.86, 3.88]$

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Software version:
3.4.0, backend: 3.2.21

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

Scan info

Center location:
x: 126.22 mm, y: -12.61 mm, z: 37.30 mm

Dimensions:
x: 344.8 mm, y: 521.0 mm, z: 36.7 mm

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

Completed on:
2026/08/20

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 137.98 A/m
x: 36.08 A/m, y: 107.10 A/m, z: 79.16 A/m

Maximum H-field location relative to DUT:
x: -40.33 mm, y: -172.33 mm, z: 8.50 mm

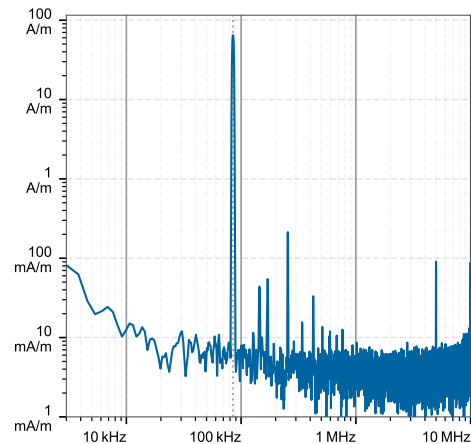
Maximum E-field [RMS]:
MAGNITUDE: 242.70 V/m
x: 1.19 V/m, y: 4.77 V/m, z: 242.65 V/m

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

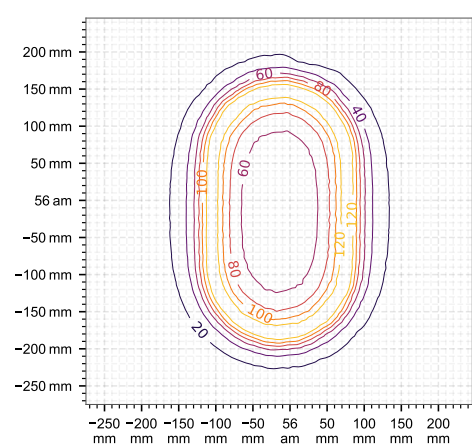
Distance to -20.0 dB boundary:
65.59 mm

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	217	243	3.53	3.56	3.57	2.48	7.26	5.42	181
2.00	198	223	3.32	3.35	3.36	2.34	6.51	4.93	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	217	243	26.5	5.42	217	243	2.49	5.42	217	243	13.8	5.42	217	243	N/A	7.26	217	243	37.8	7.26
2.00	198	223	25.1	4.93	198	223	2.35	4.93	198	223	13.0	4.93	198	223	N/A	6.51	198	223	35.8	6.51

Coverage factors: $w_{E_{ind, cube avg.}} = [7.52, 7.55]$, $w_{E_{ind, local}} = [10.62, 10.66]$, $w_{E_{ind, line avg.}} = [3.86, 3.88]$

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	10.3	N/A	11.7	N/A	43.4	10.3	14.7	N/A	1.33	N/A	1.58	N/A	0.78	N/A	2.41	6.68	N/A	N/A	2.41	N/A
2.00	9.41	N/A	10.7	N/A	39.5	9.41	13.9	N/A	1.21	N/A	1.45	N/A	0.73	N/A	2.2	6.13	N/A	N/A	2.2	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.52, 7.55]$, $w_{E_{ind, local}} = [10.62, 10.66]$, $w_{E_{ind, line avg.}} = [3.86, 3.88]$