

DASY8 Module WPT Measurement Report

Device under test

Info:
02_Back_0mm

Tool info

DASY software version:
DASY8 Module WPT 3.2.0.6673

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
3.2.9, backend: 3.2.20

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

Scan info

Center location:
x: 82.16 mm, y: -33.86 mm, z: 18.39 mm

Dimensions:
x: 212.8 mm, y: 212.8 mm, z: 36.7 mm

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

Completed on:
2026/01/28

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 3.17 A/m
x: 291.59 mA/m, y: 314.13 mA/m, z: 3.14 A/m

Maximum H-field location relative to DUT:
x: 3.67 mm, y: 47.67 mm, z: 8.50 mm

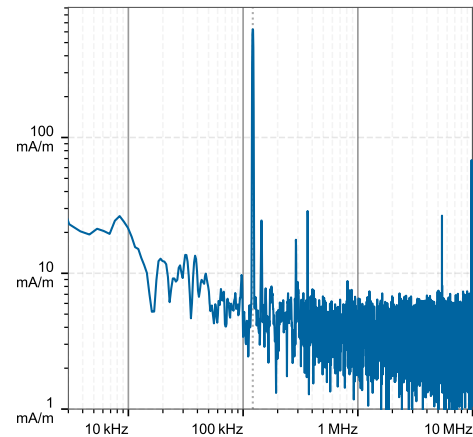
Maximum E-field [RMS]:
MAGNITUDE: 39.85 V/m
x: 1.57 V/m, y: 928.82 mV/m, z: 39.81 V/m

Maximum E-field location relative to DUT:
x: 58.67 mm, y: 14.67 mm, z: 0.00 m

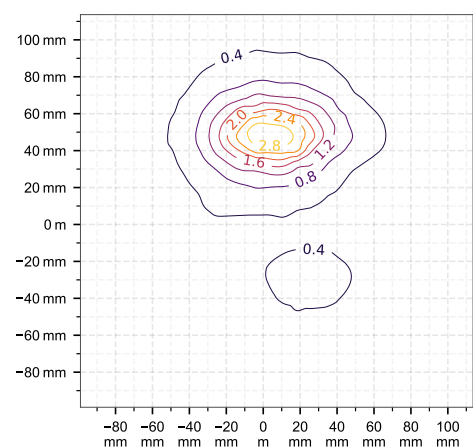
Distance to -20.0 dB boundary:
51.33 mm

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	6.59	39.9	0.0325	0.0333	0.0333	0.0213	4.54e-4	2.43e-4	47.7

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]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	6.59	39.9	0.181	2.45e-4	6.59	39.9	0.0223	2.45e-4	6.59	39.9	0.101	2.45e-4	6.59	39.9	N/A	4.55e-4	6.59	39.9	0.261	4.55e-4

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.52]$, $w_{E_{ind}, local} = [7.79]$, $w_{E_{ind}, line\ avg.} = [3.01]$

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	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
0.00	0.31	0.16	4.14	0.59	0.01	<0.01	1.32	5.12	0.12	<0.01	10.04	0.02	0.56	0.12	<0.01	<0.01	14.04	1.02	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.52]$, $w_{E_{ind}, local} = [7.79]$, $w_{E_{ind}, line\ avg.} = [3.01]$

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08_Back_0mm

Tool info

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Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
3.2.9, backend: 3.2.20

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

Scan info

Center location:
x: 82.13 mm, y: -33.87 mm, z: 18.38 mm

Dimensions:
x: 212.9 mm, y: 212.8 mm, z: 36.6 mm

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

Completed on:
2026/01/28

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 2.05 A/m
x: 292.27 mA/m, y: 889.69 mA/m, z: 1.83 A/m

Maximum H-field location relative to DUT:
x: 3.67 mm, y: 33.00 mm, z: 8.50 mm

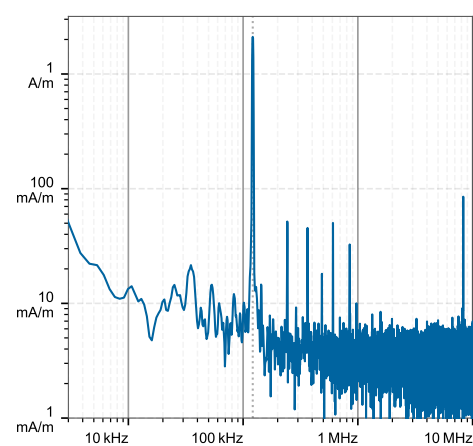
Maximum E-field [RMS]:
MAGNITUDE: 66.32 V/m
x: 277.23 mV/m, y: 3.94 V/m, z: 66.20 V/m

Maximum E-field location relative to DUT:
x: -44.00 mm, y: 14.67 mm, z: 0.00 m

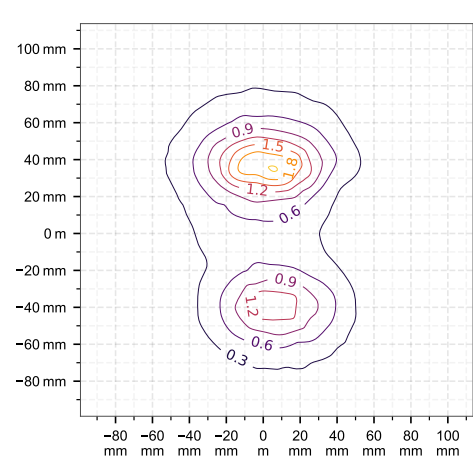
Distance to -20.0 dB boundary:
46.38 mm

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	4.20	66.3	0.0210	0.0215	0.0214	0.0138	1.98e-4	1.23e-4	60.0

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]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	4.20	66.3	0.122	1.27e-4	4.20	66.3	0.0155	1.27e-4	4.20	66.3	0.0683	1.27e-4	4.20	66.3	N/A	2.02e-4	4.20	66.3	0.175	2.02e-4

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.70]$, $w_{E_{ind}, local} = [8.05]$, $w_{E_{ind}, line\ avg.} = [3.09]$

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	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
0.00	0.20	0.10	3.96	0.34	<0.01	<0.01	0.84	3.44	0.09	<0.01	0.03	0.01	0.54	0.11	<0.01	<0.01	12.58	0.94	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.70]$, $w_{E_{ind}, local} = [8.05]$, $w_{E_{ind}, line\ avg.} = [3.09]$