

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Back_0mm

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: 59.59 mm, y: 75.75 mm, z: 146.76 mm

Dimensions:
x: 344.0 mm, y: 344.0 mm, z: 37.0 mm

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

Completed on:
2025/06/23

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 1.44 A/m
x: 382.57 mA/m, y: 1.20 A/m, z: 689.52 mA/m

Maximum H-field location relative to DUT:
x: -40.33 mm, y: -91.67 mm, z: 8.50 mm

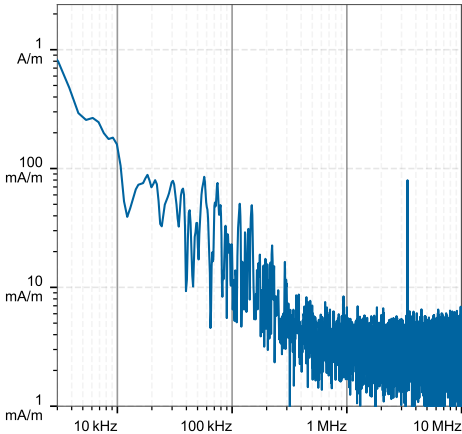
Maximum E-field [RMS]:
MAGNITUDE: 10.71 V/m
x: 1.93 V/m, y: 227.93 mV/m, z: 10.53 V/m

Maximum E-field location relative to DUT:
x: 88.00 mm, y: 102.67 mm, z: 14.67 mm

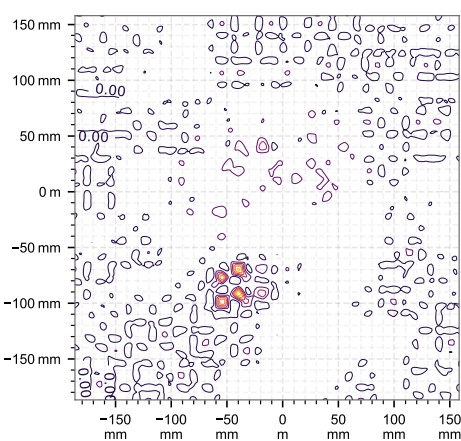
Distance to -20.0 dB boundary:
7.33 mm

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	1.61	10.5	8.93e-3	9.66e-3	9.37e-3	5.74e-3	3.87e-5	2.10e-5	86.9

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	1.61	10.5	0.0554	2.16e-5	1.61	10.5	6.41e-3	2.16e-5	1.61	10.5	0.0314	2.16e-5	1.61	10.5	N/A	3.92e-5	1.61	10.5	0.0842	3.92e-5

Coverage factors: $w_{E_{ind, cube avg.}} = [6.10]$, $w_{E_{ind, local}} = [8.62]$, $w_{E_{ind, line avg.}} = [3.26]$

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	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR
0.00	0.08	0.10	0.13	<0.01	<0.01	0.05	0.66	16.2	0.06	0.05	<0.01	0.01	0.02	<0.01	<0.01	0.05	0.99	0.02	N/A	0.07

Coverage factors: $w_{E_{ind, cube avg.}} = [6.10]$, $w_{E_{ind, local}} = [8.62]$, $w_{E_{ind, line avg.}} = [3.26]$

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02_Back_0mm

Tool info

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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: 79.22 mm, y: 34.41 mm, z: 137.58 mm

Dimensions:
x: 256.8 mm, y: 345.0 mm, z: 37.0 mm

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

Completed on:
2025/06/23

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 1.36 A/m
x: 961.03 mA/m, y: 233.79 mA/m, z: 932.77 mA/m

Maximum H-field location relative to DUT:
x: -77.00 mm, y: -40.33 mm, z: 15.83 mm

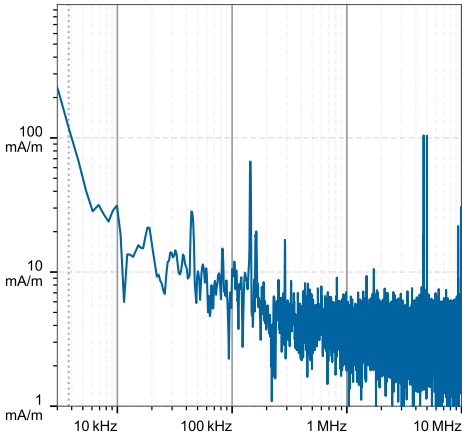
Maximum E-field [RMS]:
MAGNITUDE: 2.20 V/m
x: 406.19 mV/m, y: 489.68 mV/m, z: 2.11 V/m

Maximum E-field location relative to DUT:
x: -73.33 mm, y: 102.67 mm, z: 14.67 mm

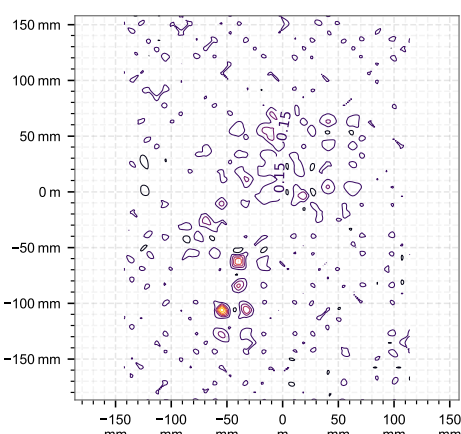
Distance to -20.0 dB boundary:
7.33 mm

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	1.35	1.97	0.0931	0.0964	0.0954	0.0645	4.62e-3	2.89e-3	114

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	1.35	1.97	0.607	2.89e-3	1.35	1.97	0.0653	2.89e-3	1.35	1.97	0.329	2.89e-3	1.35	1.97	N/A	4.63e-3	1.35	1.97	0.888	4.63e-3

Coverage factors: $w_{E_{ind}, cube\ avg.} = [6.51]$, $w_{E_{ind}, local} = [9.20]$, $w_{E_{ind}, line\ avg.} = [3.43]$

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	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR
	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PJ _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	0.06	0.54	10.1	>999	<0.010	0.32	3.65	17.2	0.10	0.32	<0.010	0.07	1.37	27.4	<0.010	0.32	1.22	0.92	N/A	0.40

Coverage factors: $w_{E_{ind}, cube\ avg.} = [6.51]$, $w_{E_{ind}, local} = [9.20]$, $w_{E_{ind}, line\ avg.} = [3.43]$