

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Right Edge_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

Scan info

Center location:
x: -130.00 μm, y: -20.00 μm, z: 74.53 mm

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

Dimensions:
x: 168.6 mm, y: 257.0 mm, z: 37.0 mm

Software version:
2.8.8, backend: 2.2.36

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

Completed on:
2025/07/08

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 741.58 mA/m
x: 150.17 mA/m, y: 240.64 mA/m, z: 685.19 mA/m

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

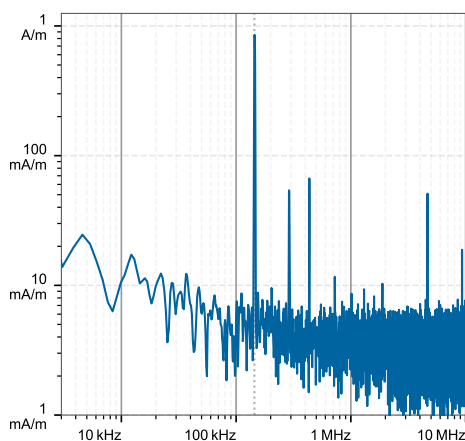
Maximum E-field [RMS]:
MAGNITUDE: 12.61 V/m
x: 1.77 V/m, y: 166.38 mV/m, z: 12.49 V/m

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

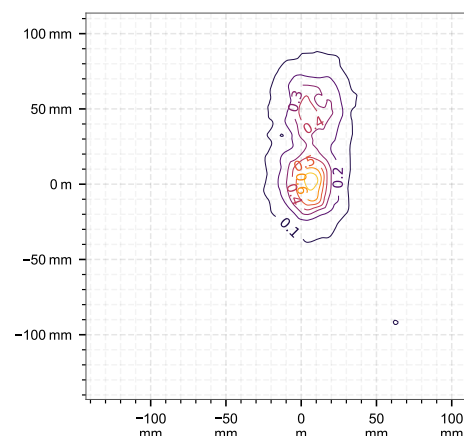
Distance to -20.0 dB boundary:
36.67 mm

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	1.31	12.6	2.88e-3	3.12e-3	3.06e-3	1.32e-3	1.73e-6	7.81e-7	42.6

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]		
0.00	1.31	12.6	0.0161	9.76e-7	1.31	12.6	1.71e-3	9.76e-7	1.31	12.6	9.61e-3	9.76e-7	1.31	12.6	N/A	1.93e-6	1.31	12.6	0.0245	1.93e-6

Coverage factors: $w_{E_{ind, cube avg.}} = [5.44]$, $w_{E_{ind, local}} = [7.68]$, $w_{E_{ind, line avg.}} = [2.97]$

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								
0.00	0.06	0.04	0.67	0.23	<0.01	<0.01	0.26	0.72	0.01	<0.01	<0.01	<0.01	0.09	0.05	<0.01	<0.01	10.81	0.26	N/A	<0.01	10.01	0.26	0.67	N/A	<0.01	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.44]$, $w_{E_{ind, local}} = [7.68]$, $w_{E_{ind, line avg.}} = [2.97]$

DASY8 Module WPT Measurement Report

Device under test

Info:
02_Flip_Right Edge_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: -180.00 μm , y: -50.00 μm , z: 75.19 mm

Dimensions:
x: 168.7 mm, y: 168.6 mm, z: 36.3 mm

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

Completed on:
2025/07/08

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 714.14 mA/m

x: 428.57 mA/m, y: 26.17 mA/m, z: 570.65 mA/m

Maximum H-field location relative to DUT:

x: -3.67 mm, y: -18.33 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 20.88 V/m

x: 4.48 V/m, y: 554.07 mV/m, z: 20.38 V/m

Maximum E-field location relative to DUT:

x: 0.00 m, y: 0.00 m, z: 0.00 m

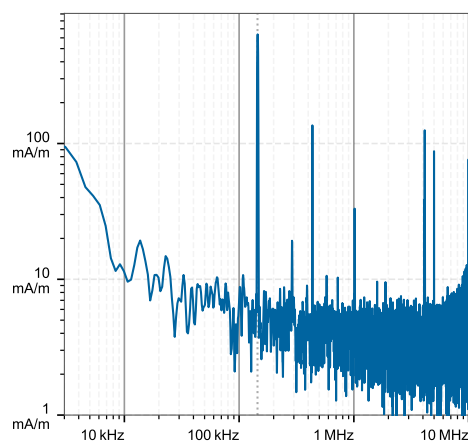
Distance to -20.0 dB boundary:

20.74 mm

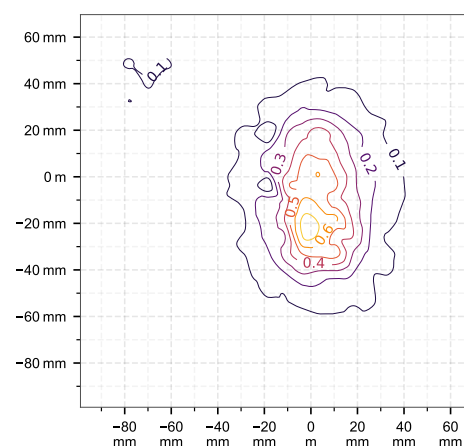
Offset relative to DUT:

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	1.77	20.9	6.96e-3	7.77e-3	7.78e-3	2.82e-3	8.48e-6	3.05e-6	37.7

Compliance evaluation (Field values at the peak frequency)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	J_{ind} [A/m ²]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]
0.00	1.77	20.9	0.0382	3.63e-6	1.77	20.9	3.48e-3	3.63e-6	1.77	20.9	0.0238	3.63e-6	1.77	20.9	N/A	9.05e-6	1.77	20.9	0.0598	9.05e-6

Coverage factors: $w_{E_{\text{ind, cube avg.}}} = [5.37]$, $w_{E_{\text{ind, local}}} = [7.58]$, $w_{E_{\text{ind, line avg.}}} = [2.94]$

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									
	H_{inc}	E_{inc}	E_{ind}	psSAR	H_{inc}	E_{inc}	J_{ind}	psSAR	H_{inc}	E_{inc}	E_{ind}	psSAR	H_{inc}	E_{inc}	E_{ind}	psSAR	H_{inc}	E_{inc}	E_{ind}	psSAR						
0.00	0.08	0.05	0.63	0.04	<0.01	<0.01	0.35	0.69	0.01	<0.01	0.10	<0.01	0.08	0.02	<0.01	<0.01	1.08	0.19	N/A	<0.01	0.02	0.36	0.63	N/A	<0.01	<0.01

Coverage factors: $w_{E_{\text{ind, cube avg.}}} = [5.37]$, $w_{E_{\text{ind, local}}} = [7.58]$, $w_{E_{\text{ind, line avg.}}} = [2.94]$