

DASY8 Module WPT Measurement Report

Device under test

Info:
1_Back_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2024/05/16

Software version:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 159.56 mm, y: -35.81 mm, z: 21.44 mm

Dimensions:
x: 212.4 mm, y: 300.9 mm, z: 36.7 mm

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

Completed on:
2024/11/28

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 2.29 A/m
x: 157.18 mA/m, y: 292.67 mA/m, z: 2.27 A/m

Maximum H-field location relative to DUT:
x: -25.67 mm, y: 3.67 mm, z: 8.50 mm

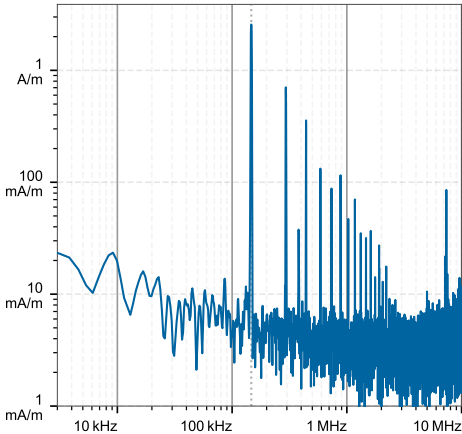
Maximum E-field [RMS]:
MAGNITUDE: 118.83 V/m
x: 1.89 V/m, y: 3.26 V/m, z: 118.77 V/m

Maximum E-field location relative to DUT:
x: -36.67 mm, y: -36.67 mm, z: 0.00 m

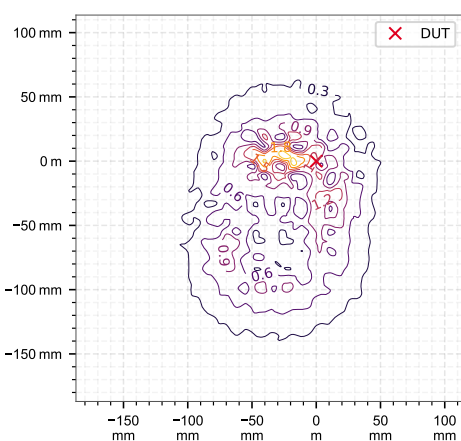
Distance to -20.0 dB boundary:
42.76 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at maximum 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	3.93	119	0.0309	0.0316	0.0316	0.0208	4.74e-4	3.23e-4	82.9

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	3.93	119	0.192	3.4e-4	3.93	119	0.0243	3.4e-4	3.93	119	0.107	3.4e-4	3.93	119	N/A	4.91e-4	3.93	119	0.274	4.91e-4

Coverage factors: $w_{E_{ind, cube avg.}} = [6.04]$, $w_{E_{ind, local}} = [8.54]$, $w_{E_{ind, line avg.}} = [3.23]$

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
	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH
0.00	0.19	0.11	1.7	0.05	0.01	<0.01	10.79	1.61	0.09	<0.01	10.02	0.02	0.23	0.09	<0.01	<0.01	12.41	0.23	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.04]$, $w_{E_{ind, local}} = [8.54]$, $w_{E_{ind, line avg.}} = [3.23]$

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Device under test

Info:
2_Fromt_0mm

Tool info

DASY software version:
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Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2024/05/16

Software version:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 159.46 mm, y: -35.80 mm, z: 21.52 mm

Dimensions:
x: 168.5 mm, y: 256.9 mm, z: 36.7 mm

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

Completed on:
2024/11/28

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 8.94 A/m
x: 785.60 mA/m, y: 1.41 A/m, z: 8.79 A/m

Maximum H-field location relative to DUT:
x: -25.67 mm, y: -47.67 mm, z: 8.50 mm

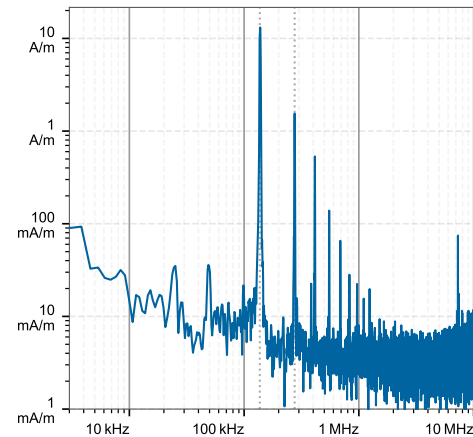
Maximum E-field [RMS]:
MAGNITUDE: 79.33 V/m
x: 7.01 V/m, y: 793.49 mV/m, z: 79.01 V/m

Maximum E-field location relative to DUT:
x: 0.00 m, y: -36.67 mm, z: 0.00 m

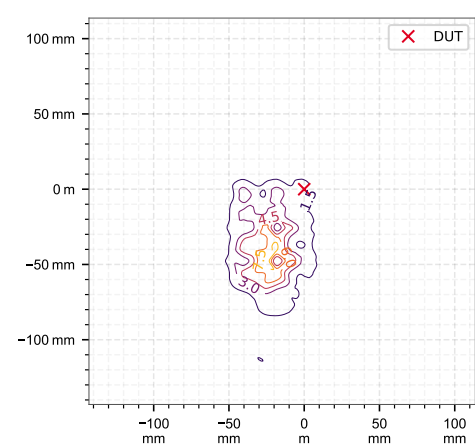
Distance to -20.0 dB boundary:
31.11 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at maximum 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	19.4	79.3	0.0943	0.0981	0.0968	0.059	3.21e-3	1.55e-3	40.6

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]	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	19.4	79.3	0.513	1.56e-3	19.4	79.3	0.0614	1.56e-3	19.4	79.3	0.29	1.56e-3	19.4	79.3	N/A	3.21e-3	19.4	79.3	0.752	3.21e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [5.41]$, $w_{E_{ind, local}} = [7.64]$, $w_{E_{ind, line avg.}} = [2.96]$

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	0.92	0.56	3.67	0.13	0.03	<0.01	3.87	2.96	0.24	<0.01	10.12	0.08	0.50	0.08	0.01	<0.01	11.9	0.50	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.41]$, $w_{E_{ind, local}} = [7.64]$, $w_{E_{ind, line avg.}} = [2.96]$