

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: 155.37 mm, y: -89.15 mm, z: 41.60 mm

Dimensions:
x: 256.6 mm, y: 256.5 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: 1.33 A/m
x: 340.52 mA/m, y: 112.20 mA/m, z: 1.28 A/m

Maximum H-field location relative to DUT:
x: 33.00 mm, y: -11.00 mm, z: 8.50 mm

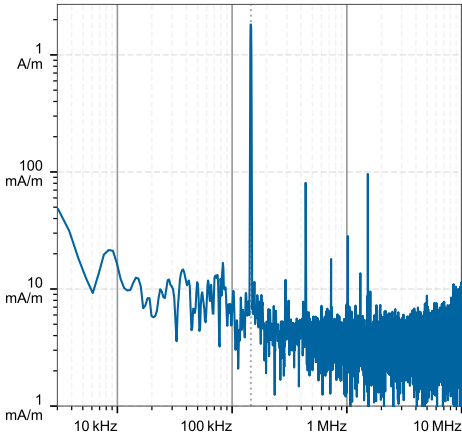
Maximum E-field [RMS]:
MAGNITUDE: 13.08 V/m
x: 635.82 mV/m, y: 575.35 mV/m, z: 13.05 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: 51.33 mm, z: 0.00 mm

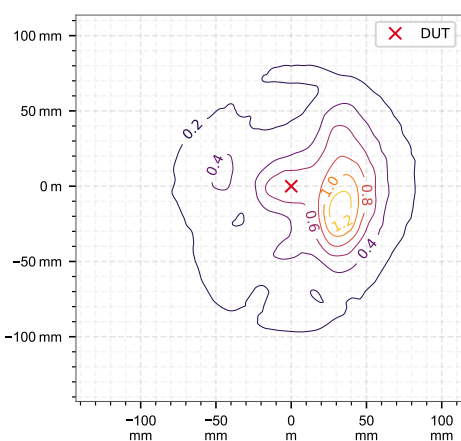
Distance to -20.0 dB boundary:
58.67 mm

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	2.81	13.1	0.0184	0.0187	0.0187	0.0124	1.65e-4	1.03e-4	70.5

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	2.81	13.1	0.108	1.03e-4	2.81	13.1	0.0128	1.03e-4	2.81	13.1	0.0595	1.03e-4	2.81	13.1	N/A	1.65e-4	2.81	13.1	0.155	1.65e-4

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.86]$, $w_{E_{ind}, local} = [8.27]$, $w_{E_{ind}, line\ avg.} = [3.15]$

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	0.13	0.08	2.28	0.68	<0.01	<0.01	0.56	2.24	0.06	<0.01	0.02	0.01	0.31	0.14	<0.01	<0.01	11.72	0.33	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.86]$, $w_{E_{ind}, local} = [8.27]$, $w_{E_{ind}, line\ avg.} = [3.15]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_Left Edge_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: 144.11 mm, y: -78.93 mm, z: 78.33 mm

Dimensions:
x: 212.9 mm, y: 256.7 mm, z: 36.2 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: 3.80 A/m
x: 910.29 mA/m, y: 297.44 mA/m, z: 3.67 A/m

Maximum H-field location relative to DUT:
x: -11.00 mm, y: -18.33 mm, z: 8.50 mm

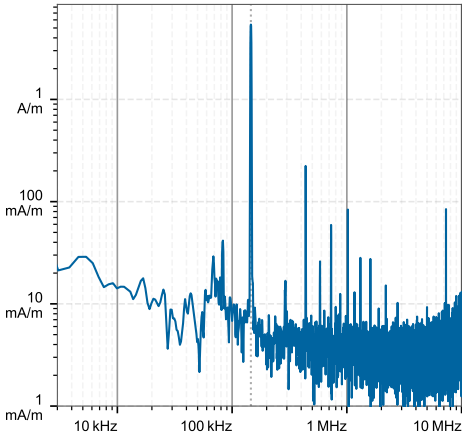
Maximum E-field [RMS]:
MAGNITUDE: 4.93 V/m
x: 804.87 mV/m, y: 99.82 mV/m, z: 4.86 V/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: 7.33 mm, z: 0.00 m

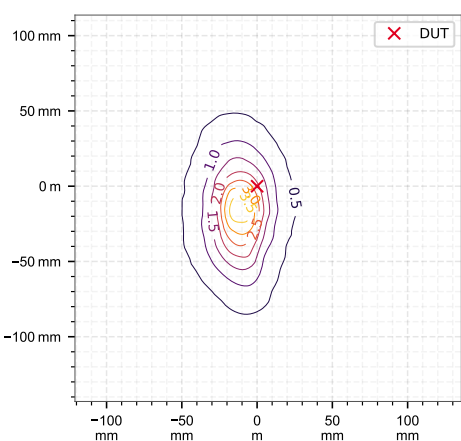
Distance to -20.0 dB boundary:
44.00 mm

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	8.19	4.93	0.045	0.0459	0.0460	0.0291	8.45e-4	4.39e-4	44.8

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	8.19	4.93	0.246	4.4e-4	8.19	4.93	0.0292	4.4e-4	8.19	4.93	0.138	4.4e-4	8.19	4.93	N/A	8.45e-4	8.19	4.93	0.355	8.45e-4

Coverage factors: $w_{E_{ind, cube\ avg.}} = [5.47]$, $w_{E_{ind, local}} = [7.73]$, $w_{E_{ind, line\ avg.}} = [2.99]$

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	0.39	0.24	0.42	0.08	0.01	<0.01	1.64	0.43	0.10	<0.01	0.05	0.03	0.06	0.02	<0.01	<0.01	15.02	0.07	N/A	<0.01

Coverage factors: $w_{E_{ind, cube\ avg.}} = [5.47]$, $w_{E_{ind, local}} = [7.73]$, $w_{E_{ind, line\ avg.}} = [2.99]$