

DASY8 Module WPT Measurement Report

Device under test

Info:
1_Front_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: 106.83 mm, y: 6.12 mm, z: 70.45 mm

Dimensions:
x: 256.2 mm, y: 257.0 mm, z: 37.0 mm

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

Completed on:
2024/11/05

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 2.19 A/m

x: 451.39 mA/m, y: 628.52 mA/m, z: 2.04 A/m

Maximum H-field location relative to DUT:
x: -25.67 mm, y: -33.00 mm, z: 8.50 mm

Maximum E-field [RMS]:
MAGNITUDE: 121.98 V/m

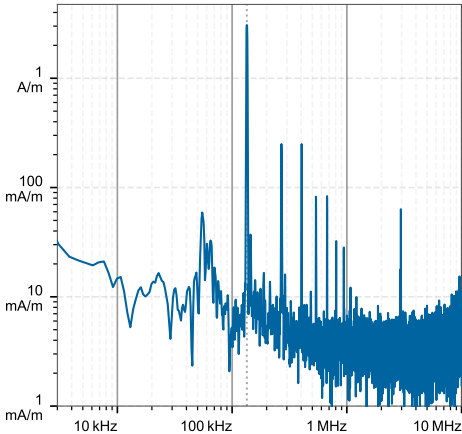
x: 649.77 mV/m, y: 2.57 V/m, z: 121.95 V/m

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

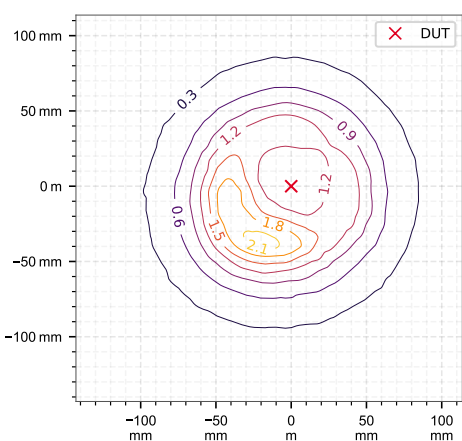
Distance to -20.0 dB boundary:
69.18 mm

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	3.74	122	0.0415	0.0421	0.0422	0.0286	9.2e-4	6.22e-4	86.1

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	3.74	122	0.258	6.38e-4	3.74	122	0.0321	6.38e-4	3.74	122	0.142	6.38e-4	3.74	122	N/A	9.36e-4	3.74	122	0.367	9.36e-4

Coverage factors: $w_{E_{ind, cube avg.}} = [6.09]$, $w_{E_{ind, local}} = [8.60]$, $w_{E_{ind, line avg.}} = [3.25]$

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	0.18	0.10	3.35	0.11	0.01	<0.01	0.75	2.18	0.14	<0.01	0.02	0.01	0.45	0.10	<0.01	<0.01	12.3	0.52	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.09]$, $w_{E_{ind, local}} = [8.60]$, $w_{E_{ind, line avg.}} = [3.25]$

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: 154.33 mm, y: 79.95 mm, z: 78.64 mm

Dimensions:
x: 168.7 mm, y: 169.0 mm, z: 36.9 mm

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

Completed on:
2024/11/05

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 4.97 A/m
x: 3.14 A/m, y: 462.23 mA/m, z: 3.82 A/m

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

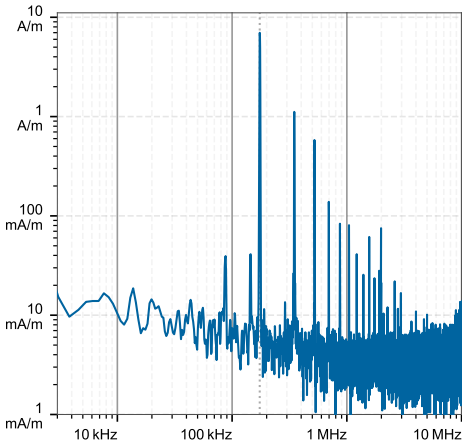
Maximum E-field [RMS]:
MAGNITUDE: 62.78 V/m
x: 389.70 mV/m, y: 138.11 mV/m, z: 62.78 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: 7.33 mm, z: 0.00 m

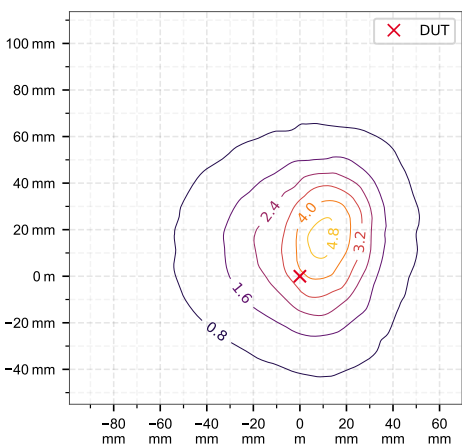
Distance to -20.0 dB boundary:
51.85 mm

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	9.86	62.8	0.115	0.118	0.119	0.0737	5.37e-3	2.59e-3	53.8

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	9.86	62.8	0.649	2.6e-3	9.86	62.8	0.0760	2.6e-3	9.86	62.8	0.364	2.6e-3	9.86	62.8	N/A	5.38e-3	9.86	62.8	0.938	5.38e-3

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.61]$, $w_{E_{ind}, local} = [7.92]$, $w_{E_{ind}, line\ avg.} = [3.05]$

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	NS	TH	NS	TH	NS	TH
0.00	0.47	0.35	2.0	0.09	0.03	<0.01	12.35	2.1	0.23	<0.01	10.06	0.05	0.27	0.06	0.01	<0.01	16.05	0.37	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.61]$, $w_{E_{ind}, local} = [7.92]$, $w_{E_{ind}, line\ avg.} = [3.05]$