

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: 83.57 mm, y: -15.93 mm, z: 30.01 mm

Dimensions:
x: 520.0 mm, y: 609.0 mm, z: 36.7 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: 103.31 mA/m
x: 70.90 mA/m, y: 9.52 mA/m, z: 74.54 mA/m

Maximum H-field location relative to DUT:
x: -209.00 mm, y: 267.67 mm, z: 8.50 mm

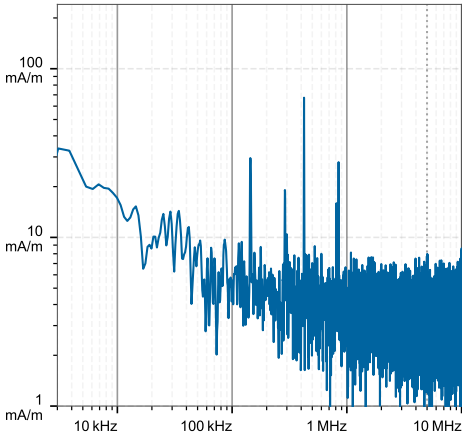
Maximum E-field [RMS]:
MAGNITUDE: 13.52 V/m
x: 1.03 V/m, y: 37.81 mV/m, z: 13.48 V/m

Maximum E-field location relative to DUT:
x: -132.00 mm, y: 0.00 m, z: 0.00 m

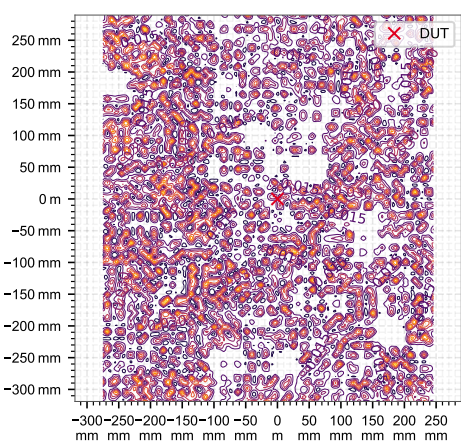
Distance to -20.0 dB boundary:
7.33 mm

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

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogenous 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	0.22	13.5	9.27e-3	9.73e-3	9.69e-3	5.58e-3	3.83e-5	3.28e-5	280

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	0.22	13.5	0.0462	3.50e-5	0.22	13.5	6.87e-3	3.50e-5	0.22	13.5	0.0279	3.50e-5	0.22	13.5	N/A	4.05e-5	0.22	13.5	0.0677	4.05e-5

Coverage factors: $w_{E_{ind, cube\ avg.}} = [4.80]$, $w_{E_{ind, local}} = [6.78]$, $w_{E_{ind, line\ avg.}} = [2.70]$

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	
	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	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH
0.00	0.01	0.02	5.07	0.02	<0.01	<0.01	0.14	2.25	0.05	<0.01	<0.01	0.69	0.65	<0.01	<0.01	10.13	1.34	N/A	<0.01	<0.01	0.14	5.07	0.47	<0.01	<0.01	

Coverage factors: $w_{E_{ind, cube\ avg.}} = [4.80]$, $w_{E_{ind, local}} = [6.78]$, $w_{E_{ind, line\ avg.}} = [2.70]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_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: 61.62 mm, y: 2.86 mm, z: 30.88 mm

Dimensions:
x: 520.0 mm, y: 653.0 mm, z: 36.6 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: 2.45 A/m
x: 418.03 mA/m, y: 241.83 mA/m, z: 2.41 A/m

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

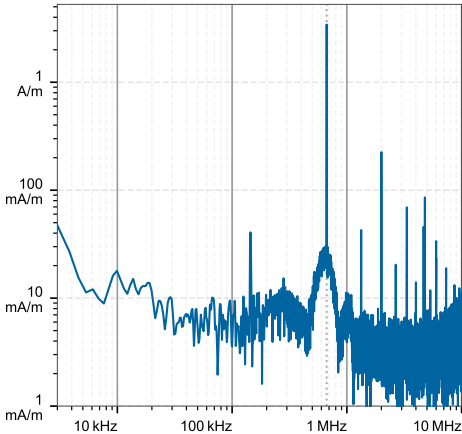
Maximum E-field [RMS]:
MAGNITUDE: 12.41 V/m
x: 93.90 mV/m, y: 114.98 mV/m, z: 12.41 V/m

Maximum E-field location relative to DUT:
x: 88.00 mm, y: -220.00 mm, z: 0.00 m

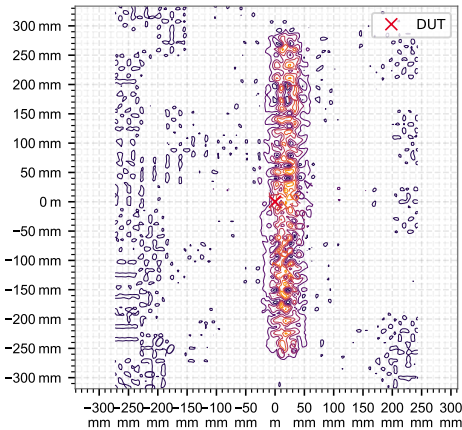
Distance to -20.0 dB boundary:
22.00 mm

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	4.51	12.4	0.126	0.131	0.132	0.0756	5.57e-3	2.66e-3	119

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	4.51	12.4	0.829	2.67e-3	4.51	12.4	0.0774	2.67e-3	4.51	12.4	0.458	2.67e-3	4.51	12.4	N/A	5.57e-3	4.51	12.4	1.22	5.57e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [6.58]$, $w_{E_{ind, local}} = [9.30]$, $w_{E_{ind, line avg.}} = [3.46]$

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	0.21	0.65	8.84	2.34	0.01	<0.01	4.36	8.81	0.13	<0.01	10.03	0.09	1.2	1.82	<0.01	<0.01	12.77	3.19	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.58]$, $w_{E_{ind, local}} = [9.30]$, $w_{E_{ind, line avg.}} = [3.46]$