

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: 42.71 mm, y: -119.01 mm, z: 190.00 mm

Dimensions:
x: 432.0 mm, y: 432.7 mm, z: 36.0 mm

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

Completed on:
2024/09/13

Measurement results

Maximum H-field []:
: 93.89 mA/m
: 53.37 mA/m, : 53.21 mA/m, : 56.00 mA/m

Maximum H-field location relative to DUT:
: 113.67 mm, : -231.00 mm, : 8.50 mm

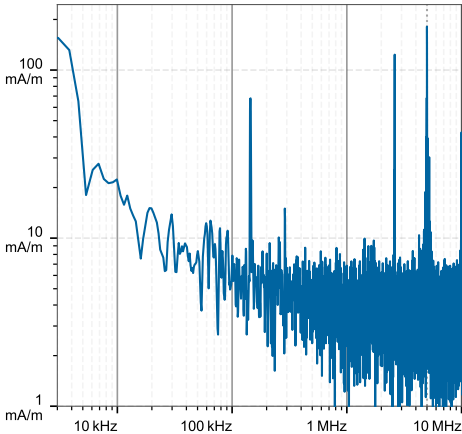
Maximum E-field []:
: 816.99 mV/m
: 333.98 mV/m, : 530.54 mV/m, : 523.87 mV/m

Maximum E-field location relative to DUT:
: -161.33 mm, : 88.00 mm, : 0.00 mm

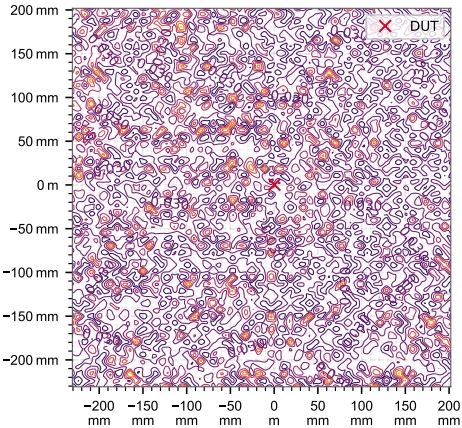
Distance to -20.0 dB boundary:
10.37 mm

Offset relative to DUT:
: 0.00 m, : 0.00 m, : 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 -20 dB radius [mm]
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	
0.00	0.201	0.817	0.0158	0.0164	0.0161	0.0107	1.30e-4	9.65e-5	233

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	0.201	0.817	0.131	9.65e-5	0.201	0.817	0.0108	9.65e-5	0.201	0.817	0.0678	9.65e-5	0.201	0.817	N/A	1.30e-4	0.201	0.817	0.192	1.30e-4

Coverage factors: $w_{E_{ind, cube avg.}} = [8.29]$, $w_{E_{ind, local}} = [11.71]$, $w_{E_{ind, line avg.}} = [4.20]$

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	<0.010	0.03	15.6	>999	<0.01	<0.01	0.10	19.8	0.14	<0.01	<0.01	<0.01	2.1	75.6	<0.01	<0.01	10.12	4.47	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [8.29]$, $w_{E_{ind, local}} = [11.71]$, $w_{E_{ind, line avg.}} = [4.20]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_Left Side_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

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

Completed on:
2024/09/13

Measurement results

Maximum H-field []:
: 93.39 mA/m
: 53.51 mA/m, : 54.66 mA/m, : 53.58 mA/m

Maximum H-field location relative to DUT:
: 77.00 mm, : 194.33 mm, : 8.50 mm

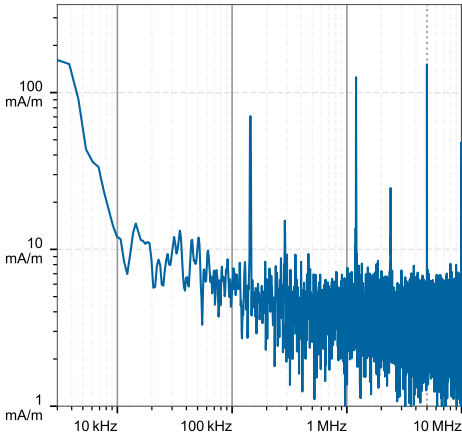
Maximum E-field []:
: 311.52 mV/m
: 205.83 mV/m, : 64.05 mV/m, : 224.88 mV/m

Maximum E-field location relative to DUT:
: -73.33 mm, : 132.00 mm, : 0.00 mm

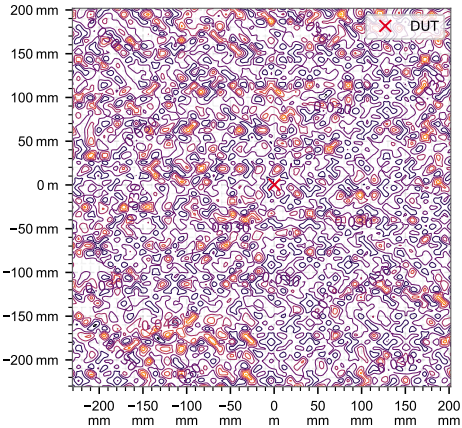
Distance to -20.0 dB boundary:
10.37 mm

Offset relative to DUT:
: 0.00 m, : 0.00 m, : 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 -20 dB radius [mm]
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	
0.00	0.273	0.312	0.0136	0.0142	0.0139	8.8e-3	8.48e-5	6.17e-5	220

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	0.273	0.312	0.110	6.17e-5	0.273	0.312	8.84e-3	6.17e-5	0.273	0.312	0.0573	6.17e-5	0.273	0.312	N/A	8.48e-5	0.273	0.312	0.162	8.48e-5

Coverage factors: $w_{E_{ind, cube avg.}} = [8.09]$, $w_{E_{ind, local}} = [11.43]$, $w_{E_{ind, line avg.}} = [4.11]$

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	
	P _H inc		P _E inc		P _E ind		psSAR		P _H inc	P _E inc	P _J ind	psSAR	P _H inc	P _E inc	P _E ind	psSAR	P _H inc	P _E inc	P _E ind	psSAR	P _H inc	P _E inc	P _E 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	0.03	11.7	13.0	<0.01	<0.01	0.22	6.47	0.11	<0.01	<0.01	<0.01	1.58	7.91	<0.01	<0.01	0.17	0.97	N/A	<0.01	<0.01	0.22	11.7	164.0	<0.01	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [8.09]$, $w_{E_{ind, local}} = [11.43]$, $w_{E_{ind, line avg.}} = [4.11]$