

DASY8 Module WPT Measurement Report

Device under test

Info:
#1_Flip_Bottom 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: 186.02 mm, y: -143.30 mm, z: 91.64 mm

Dimensions:
x: 169.0 mm, y: 168.4 mm, z: 36.9 mm

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

Completed on:
2024/12/20

Measurement results

Maximum H-field []:
: 241.42 mA/m
: 90.73 mA/m, : 30.90 mA/m, : 221.58 mA/m

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

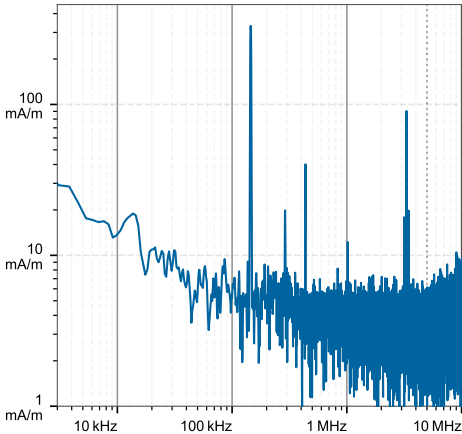
Maximum E-field []:
: 47.28 V/m
: 4.53 V/m, : 721.51 mV/m, : 47.05 V/m

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

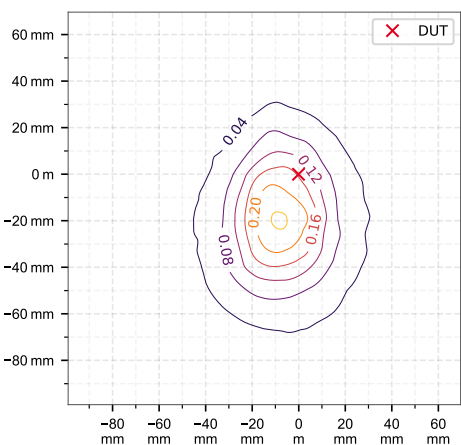
Distance to -20.0 dB boundary:
42.76 mm

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
	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	0.488	47.3	2.92e-3	2.99e-3	2.99e-3	1.87e-3	3.50e-6	1.8e-6	43.2

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	0.488	47.3	0.0178	4.6e-6	0.488	47.3	3.32e-3	4.6e-6	0.488	47.3	0.0108	4.6e-6	0.488	47.3	N/A	6.30e-6	0.488	47.3	0.0249	6.30e-6

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.45]$, $w_{E_{ind}, local} = [7.70]$, $w_{E_{ind}, line\ avg.} = [2.98]$

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		
0.00	0.02	0.01	>999	>999	24.8	0.13	0.10	>999	>999	0.13			<0.01	<0.01	>999	>999	15.6	0.13	0.30	>999	N/A	0.16	<0.01	0.10	>999	>999	24.8	0.16

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.45]$, $w_{E_{ind}, local} = [7.70]$, $w_{E_{ind}, line\ avg.} = [2.98]$

DASY8 Module WPT Measurement Report

Device under test

Info:
#2_Flip_Right 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: 196.85 mm, y: -150.79 mm, z: 77.11 mm

Dimensions:
x: 169.1 mm, y: 168.9 mm, z: 36.4 mm

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

Completed on:
2024/12/20

Measurement results

Maximum H-field []:
: 866.91 mA/m
: 242.25 mA/m, : 55.46 mA/m, : 830.53 mA/m

Maximum H-field location relative to DUT:
: -3.67 mm, : -33.00 mm, : 8.50 mm

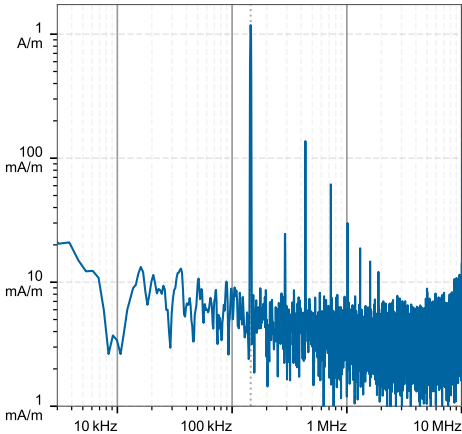
Maximum E-field []:
: 16.30 V/m
: 2.69 V/m, : 74.62 mV/m, : 16.07 V/m

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

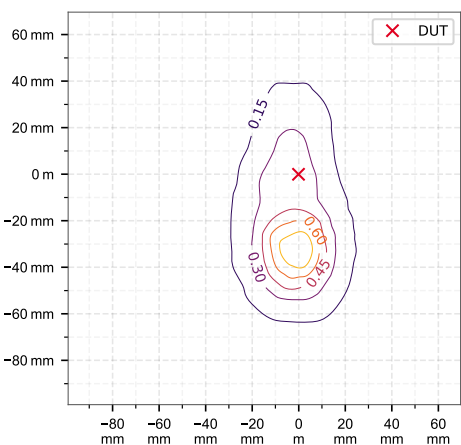
Distance to -20.0 dB boundary:
36.67 mm

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
	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	2.09	16.3	8.00e-3	8.23e-3	8.20e-3	5.05e-3	2.56e-5	1.39e-5	37.3

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	2.09	16.3	0.0435	1.43e-5	2.09	16.3	5.55e-3	1.43e-5	2.09	16.3	0.0248	1.43e-5	2.09	16.3	N/A	2.59e-5	2.09	16.3	0.0630	2.59e-5

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.36]$, $w_{E_{ind}, local} = [7.57]$, $w_{E_{ind}, line\ avg.} = [2.94]$

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	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
	NS	TH	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	0.10	0.06	>999	937.00	0.18	<0.01	0.42	524.09	0.24	<0.01	0.10	<0.01	143.0	>999	0.12	<0.01	1.28	53.0	N/A	<0.01	0.02	0.42	>999	>999	0.19	<0.01		

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.36]$, $w_{E_{ind}, local} = [7.57]$, $w_{E_{ind}, line\ avg.} = [2.94]$

DASY8 Module WPT Measurement Report

Device under test

Info:
#3_Right 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: 157.50 mm, y: -32.41 mm, z: 76.74 mm

Dimensions:
x: 168.5 mm, y: 256.3 mm, z: 36.8 mm

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

Completed on:
2024/12/20

Measurement results

Maximum H-field []:
: 633.12 mA/m
: 349.51 mA/m, : 377.68 mA/m, : 368.83 mA/m

Maximum H-field location relative to DUT:
: 3.67 mm, : -3.67 mm, : 8.50 mm

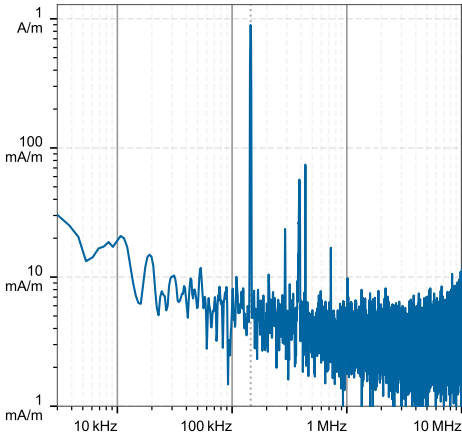
Maximum E-field []:
: 5.94 V/m
: 1.22 V/m, : 31.06 mV/m, : 5.81 V/m

Maximum E-field location relative to DUT:
: 7.33 mm, : -36.67 mm, : 0.00 mm

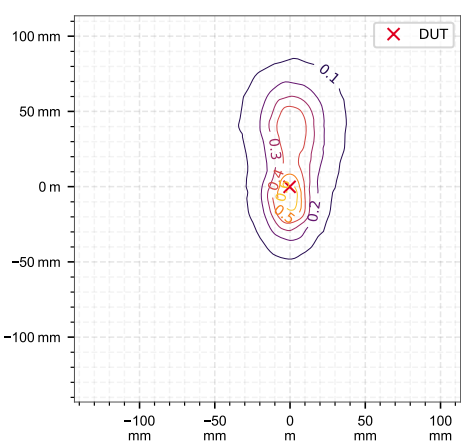
Distance to -20.0 dB boundary:
36.67 mm

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
	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	1.49	5.94	0.0108	0.0111	0.0111	6.88e-3	4.62e-5	2.25e-5	44.9

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	1.49	5.94	0.0595	2.25e-5	1.49	5.94	7.06e-3	2.25e-5	1.49	5.94	0.0335	2.25e-5	1.49	5.94	N/A	4.63e-5	1.49	5.94	0.0860	4.63e-5

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
0.00	0.07	0.04	0.29	0.03	<0.01	<0.01	0.30	0.28	0.03	<0.01	<0.01	<0.01	0.04	0.01	<0.01	<0.01	0.91	0.04	N/A	<0.01

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