

DASY8 Module WPT Measurement Report

Device under test

Info:
1_Top 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

Software version:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 147.57 mm, y: 15.21 mm, z: 164.46 mm

Dimensions:
x: 168.4 mm, y: 168.7 mm, z: 37.0 mm

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

Completed on:
2024/06/24

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 421.31 mA/m
x: 254.99 mA/m, y: 11.47 mA/m, z: 335.19 mA/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: -11.00 mm, z: 8.50 mm

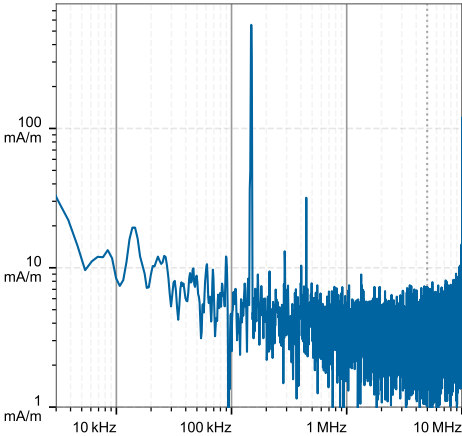
Maximum E-field [RMS]:
MAGNITUDE: 6.25 V/m
x: 1.25 V/m, y: 90.05 mV/m, z: 6.12 V/m

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

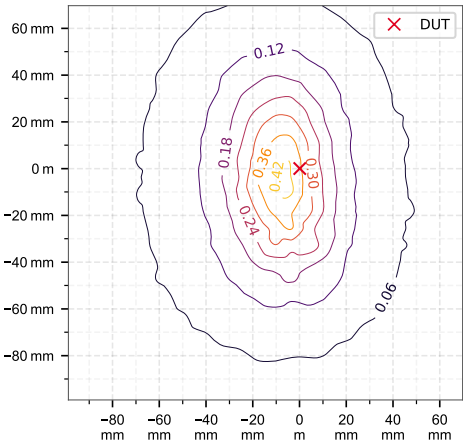
Distance to -20.0 dB boundary:
66.00 mm

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	0.885	6.25	5.95e-3	6.11e-3	6.02e-3	3.92e-3	1.7e-5	1.08e-5	60.8

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]	
	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
	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0.00	0.885	6.25	0.0343	1.09e-5	0.885	6.25	4.12e-3	1.09e-5	0.885	6.25	0.0189	1.09e-5	0.885	6.25	N/A	1.70e-5	0.885	6.25	0.0495	1.70e-5

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.71]$, $w_{E_{ind}, local} = [8.07]$, $w_{E_{ind}, line\ avg.} = [3.09]$

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	N/A	N/A	NS	TH	NS	TH
0.00	0.04	0.03	1.96	0.68	<0.01	<0.01	0.18	2.27	0.03	<0.01	<0.01	0.27	0.13	<0.01	<0.01	0.54	0.62	N/A	<0.01	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.71]$, $w_{E_{ind}, local} = [8.07]$, $w_{E_{ind}, line\ avg.} = [3.09]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_Right 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

Software version:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 123.83 mm, y: 620.00 μm, z: 77.95 mm

Dimensions:
x: 168.2 mm, y: 256.0 mm, z: 36.5 mm

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

Completed on:
2024/06/24

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 1.06 A/m
x: 262.47 mA/m, y: 164.85 mA/m, z: 1.01 A/m

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

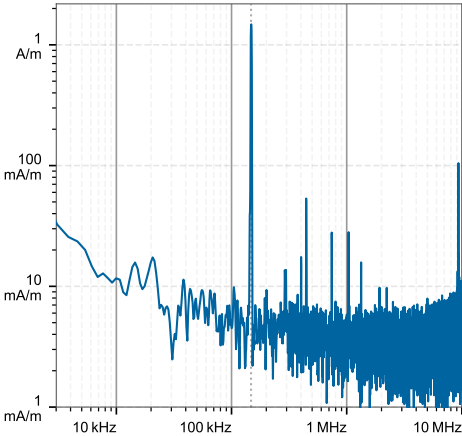
Maximum E-field [RMS]:
MAGNITUDE: 2.59 V/m
x: 318.76 mV/m, y: 23.48 mV/m, z: 2.57 V/m

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

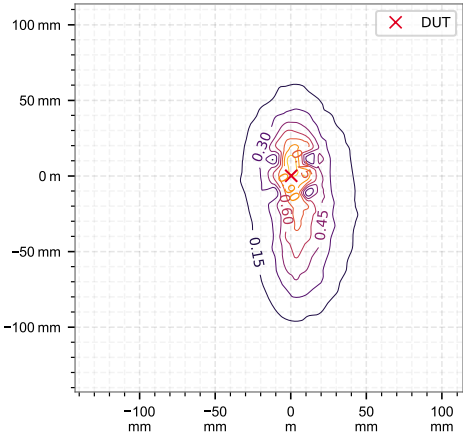
Distance to -20.0 dB boundary:
46.38 mm

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	2.29	2.59	0.0122	0.0125	0.0125	7.9e-3	6.41e-5	3.45e-5	52.3

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]	
	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
	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0.00	2.29	2.59	0.068	3.45e-5	2.29	2.59	7.98e-3	3.45e-5	2.29	2.59	0.0379	3.45e-5	2.29	2.59	N/A	6.41e-5	2.29	2.59	0.0984	6.41e-5

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.59]$, $w_{E_{ind}, local} = [7.89]$, $w_{E_{ind}, line\ avg.} = [3.04]$

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	N/A	N/A	NS	TH	NS	TH
0.00	0.11	0.07	2.25	2.05	<0.01	<0.01	0.46	2.58	0.05	<0.01	0.01	<0.01	0.30	0.38	<0.01	<0.01	1.41	0.68	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.59]$, $w_{E_{ind}, local} = [7.89]$, $w_{E_{ind}, line\ avg.} = [3.04]$

DASY8 Module WPT Measurement Report

Device under test

Info:
3_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

Software version:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 115.47 mm, y: 50.27 mm, z: 78.37 mm

Dimensions:
x: 168.5 mm, y: 256.7 mm, z: 37.1 mm

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

Completed on:
2024/06/24

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 854.54 mA/m
x: 347.26 mA/m, y: 198.46 mA/m, z: 755.16 mA/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: 25.67 mm, z: 8.50 mm

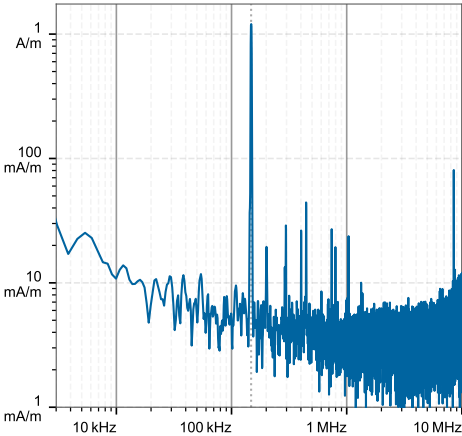
Maximum E-field [RMS]:
MAGNITUDE: 412.37 mV/m
x: 106.99 mV/m, y: 42.72 mV/m, z: 395.95 mV/m

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

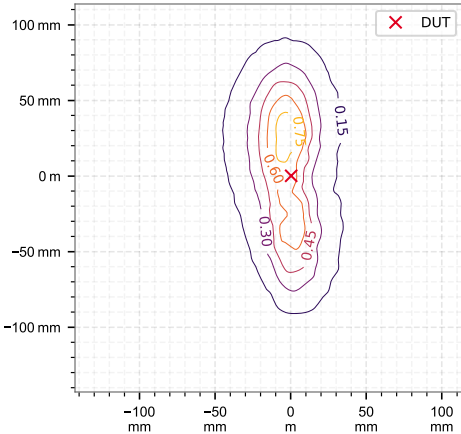
Distance to -20.0 dB boundary:
51.85 mm

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	1.84	0.412	0.0142	0.0145	0.0144	9.67e-3	1.01e-4	5.88e-5	58.7

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]	
	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
	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0.00	1.84	0.412	0.0808	5.88e-5	1.84	0.412	9.68e-3	5.88e-5	1.84	0.412	0.0444	5.88e-5	1.84	0.412	N/A	1.01e-4	1.84	0.412	0.117	1.01e-4

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.68]$, $w_{E_{ind}, local} = [8.02]$, $w_{E_{ind}, line\ avg.} = [3.08]$

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	N/A	N/A	NS	TH	NS	TH
0.00	0.09	0.06	1.19	2.38	<0.01	<0.01	0.37	1.26	0.04	<0.01	0.01	<0.01	0.16	0.64	<0.01	<0.01	1.13	0.37	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.68]$, $w_{E_{ind}, local} = [8.02]$, $w_{E_{ind}, line\ avg.} = [3.08]$