

cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, 2024/07/04

Software version:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: -18.73 mm, y: -37.56 mm, z: 165.39 mm

Dimensions:
x: 168.9 mm, y: 301.0 mm, z: 37.0 mm

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

Completed on:
2025/06/12 14:22:15

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 3.25 A/m

X: 124.12 mA/m, Y: 2.15 A/m, Z: 2.43 A/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: 61.27 V/m

X: 2.29 V/m, Y: 71.19 mV/m, Z: 61.22 V/m

Maximum E-field location relative to DUT:

X: 7.33 mm, Y: 0.00 m, Z: 0.00 m

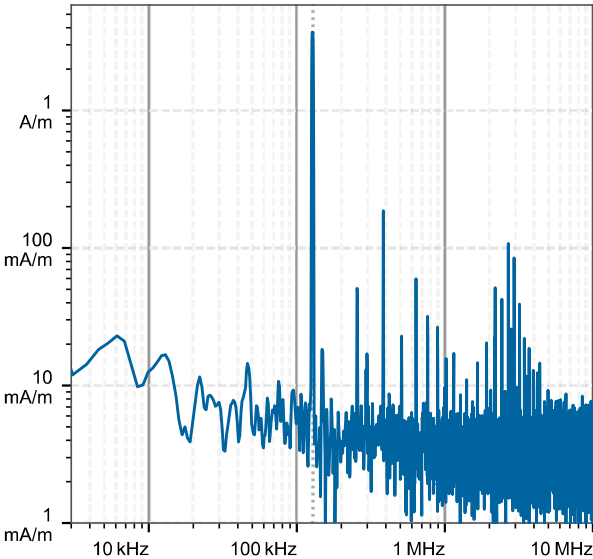
Distance to -20.0 dB boundary:

42.76 mm

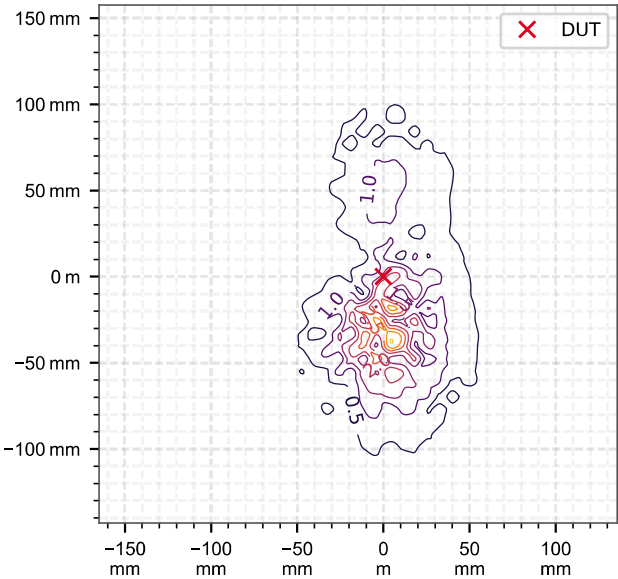
Offset relative to DUT:

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 (f = 127.82 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

	Peak incident fields <i>[RMS]</i>		Peak E_{ind} <i>[V/m, RMS]</i>			Peak J_{ind} <i>[A/m², RMS]</i>	psSAR <i>[mW/kg]</i>		H-field extent	Warnings		
Distance [mm]	H_{inc} <i>[A/m]</i>	E_{inc} <i>[V/m]</i>	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
0.00	5.82	61.3	0.049	0.050	0.050	0.031	0.001	0.000	66.2	27%	52%	39%

Compliance evaluation (Field values at the peak frequency) (f=127.82 kHz, total field evaluation)

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	5.82	61.3	0.051	0.000	5.82	61.3	0.033	0.000	5.82	61.3	0.052	0.000	5.82	61.3	N/A	0.001	5.82	61.3	0.052	0.001

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field 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}		pE _{ind}		psSAR		pH _{inc}		pE _{inc}	
	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	0.28	0.15	0.94	0.03	<0.01	<0.01	1.16	0.90	0.13	<0.01	0.04	0.02	0.13	0.05	<0.01	<0.01	3.57	0.14	N/A	<0.01

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Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, 2025/08/12

Software version:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 2.11 mm, y: 10.58 mm, z: 81.94 mm

Dimensions:
x: 212.9 mm, y: 300.0 mm, z: 36.6 mm

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

Completed on:
2025/09/01 15:07:49

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 1.86 A/m

x: 552.09 mA/m, y: 78.23 mA/m, z: 1.78 A/m

Maximum H-field location relative to DUT:

x: 40.33 mm, y: -3.67 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 59.38 V/m

x: 2.30 V/m, y: 3.00 V/m, z: 59.26 V/m

Maximum E-field location relative to DUT:

x: 14.67 mm, y: 51.33 mm, z: 0.00 m

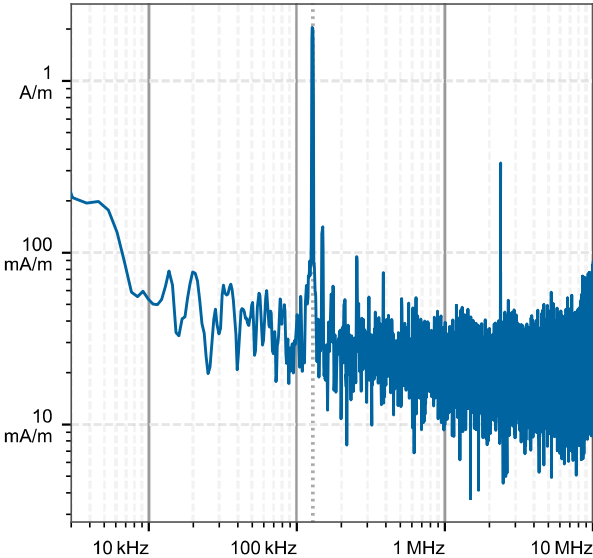
Distance to -20.0 dB boundary:

29.33 mm

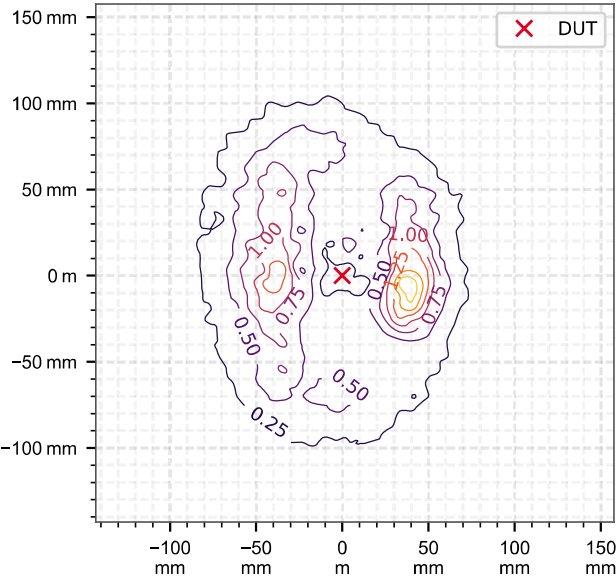
Offset relative to DUT:

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 homogeneous phantom at the peak frequency (f = 127.81 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

	Peak incident fields <i>[RMS]</i>		Peak E_{ind} <i>[V/m, RMS]</i>			Peak J_{ind} <i>[A/m², RMS]</i>	psSAR <i>[mW/kg]</i>		H-field extent	Warnings		
Distance [mm]	H_{inc} [A/m]	E_{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
0.00	3.48	59.4	0.021	0.022	0.022	0.015	0.000	0.000	84.3	41%	58%	65%

Compliance evaluation (Field values at the peak frequency) (f=127.81 kHz, total field evaluation)

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	3.48	59.4	0.024	0.000	3.48	59.4	0.016	0.000	3.48	59.4	0.024	0.000	3.48	59.4	N/A	0.000	3.48	59.4	0.024	0.000

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field 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}		pE _{ind}		psSAR		pH _{inc}		pE _{inc}	
	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	0.17	0.09	1.13	0.06	<0.01	<0.01	0.70	1.2	0.07	<0.01	0.02	0.01	0.15	0.05	<0.01	<0.01	2.14	0.30	N/A	<0.01

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MAGPy-8H3D+E3Dv2, WP000107, 2025/08/12

Software version:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 2.11 mm, y: 10.59 mm, z: 90.44 mm

Dimensions:
x: 212.9 mm, y: 300.0 mm, z: 37.1 mm

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

Completed on:
2025/09/01 16:05:19

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 730.86 mA/m
x: 206.36 mA/m, y: 55.55 mA/m, z: 698.92 mA/m

Maximum H-field location relative to DUT:
x: 40.33 mm, y: -3.67 mm, z: 8.50 mm

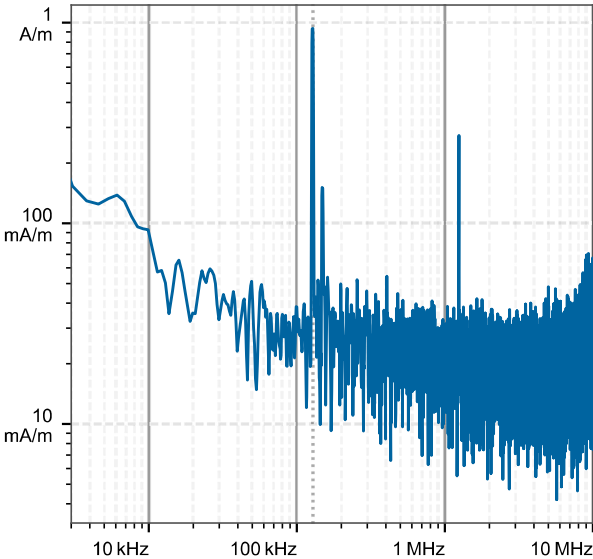
Maximum E-field [RMS]:
MAGNITUDE: 19.49 V/m
x: 934.10 mV/m, y: 2.50 V/m, z: 19.31 V/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: 51.33 mm, z: 0.00 mm

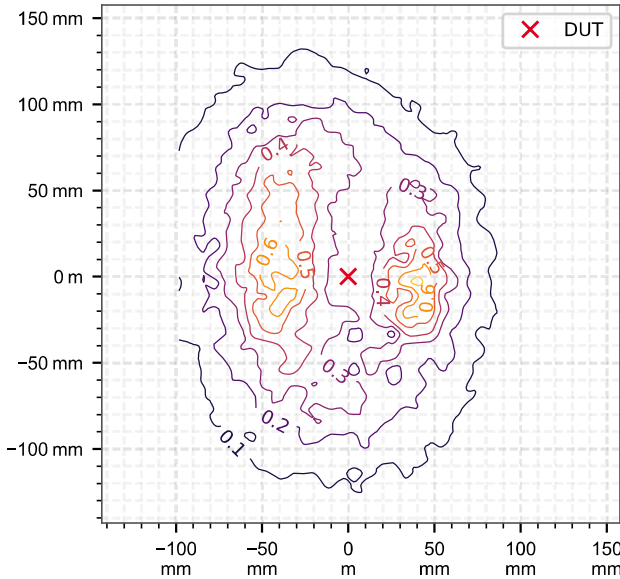
Distance to -20.0 dB boundary:
46.96 mm

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 (f = 127.81 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

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	Warnings	
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
0.00	1.32	19.5	0.014	0.014	0.014	0.010	0.000	0.000	105	44%	47%	76%

Compliance evaluation (Field values at the peak frequency) (f=127.81 kHz, total field evaluation)

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	1.32	19.5	0.015	0.000	1.32	19.5	0.010	0.000	1.32	19.5	0.015	0.000	1.32	19.5	N/A	0.000	1.32	19.5	0.015	0.000

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field 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
<u>0.00</u>	0.06	0.03	0.36	0.02	<0.01	<0.01	0.26	0.39	0.04	<0.01	<0.01	<0.01	0.05	0.02	<0.01	<0.01	0.81	0.10	N/A	<0.01	0.01	0.23	0.36	0.12	<0.01	<0.01