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: -5.77 mm, **Y:** 68.50 mm, **Z:** 36.35 mm

Dimensions:
X: 389.0 mm, **Y:** 476.0 mm, **Z:** 36.6 mm

Resolution:
X: 7.33 mm, **Y:** 7.33 mm, **Z:** 7.33 mm

Completed on:
2025/05/08 10:48:48

Document generated at 2025/05/08 10:52:16, simulation performed at 2025/05/08 10:51:51 using Sim4Life version 8.0.1.15446

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 133.30 A/m
X: 40.53 A/m, **Y:** 111.89 A/m, **Z:** 60.05 A/m

Maximum H-field location relative to DUT:
X: 33.00 mm, **Y:** 157.67 mm, **Z:** 8.50 mm

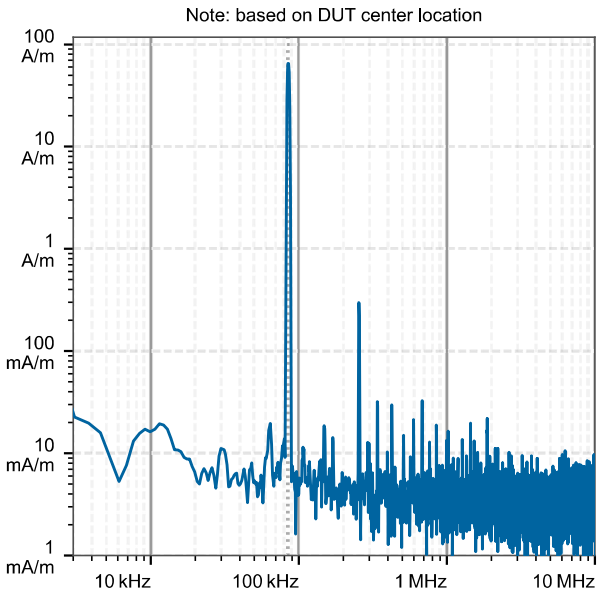
Maximum E-field [RMS]:
MAGNITUDE: 207.63 V/m
X: 10.60 V/m, **Y:** 2.65 V/m, **Z:** 207.35 V/m

Maximum E-field location relative to DUT:
X: -88.00 mm, **Y:** -161.33 mm, **Z:** 0.00 m

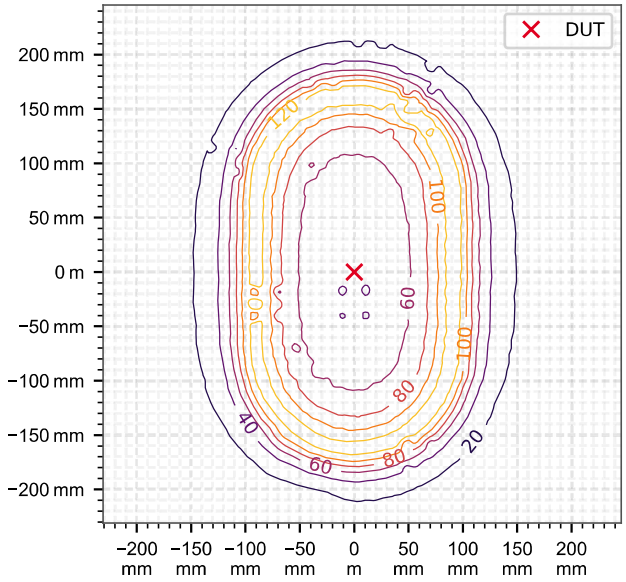
Distance to -20.0 dB boundary:
63.08 mm

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 homogeous phantom at the peak frequency

(f = 85.00 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m^2, RMS]	psSAR [mW/kg]		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	205	208	3.43	3.46	3.47	2.40	6.78	5.06	183	1%	79%	37%

Compliance evaluation (Field values at the peak frequency)

(f=85.00 kHz, total field evaluation)

	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]	
Distance	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
[mm]	[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	205	208	3.43	5.06	205	208	2.41	5.06	205	208	3.47	5.06	205	208	N/A	6.78	205	208	3.47	6.78

Compliance evaluation (Exposure ratios)

(with multi-frequency enhancement, total field evaluation)

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	9.77	N/A	7.95	N/A	0.30	N/A	41.0	6.44	14.2	N/A	1.26	N/A	1.07	N/A	0.20	N/A	2.28	3.57	N/A	N/A	2.28	N/A	7.95	N/A	0.30	N/A

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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: -3.37 mm, **Y:** 70.84 mm, **Z:** 35.70 mm

Dimensions:
X: 388.0 mm, **Y:** 477.0 mm, **Z:** 36.7 mm

Resolution:
X: 7.33 mm, **Y:** 7.33 mm, **Z:** 7.33 mm

Completed on:
2025/09/01 10:19:58

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Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 137.01 A/m
X: 41.56 A/m, **Y:** 114.77 A/m, **Z:** 62.23 A/m

Maximum H-field location relative to DUT:
X: 33.00 mm, **Y:** 157.67 mm, **Z:** 8.50 mm

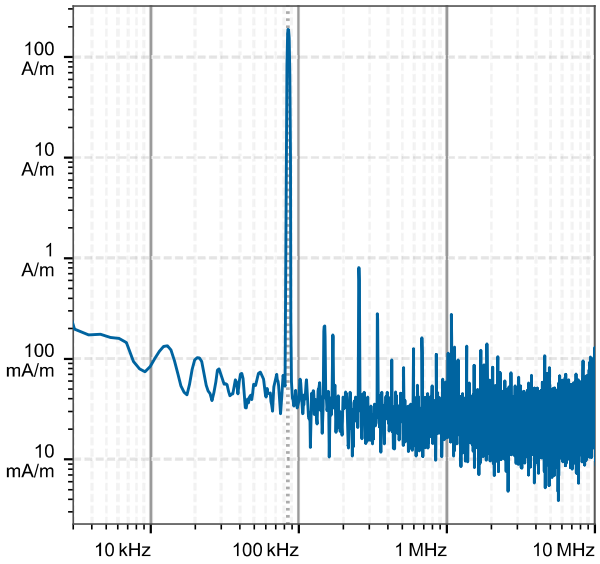
Maximum E-field [RMS]:
MAGNITUDE: 231.33 V/m
X: 11.68 V/m, **Y:** 2.87 V/m, **Z:** 231.02 V/m

Maximum E-field location relative to DUT:
X: -88.00 mm, **Y:** -161.33 mm, **Z:** 0.00 m

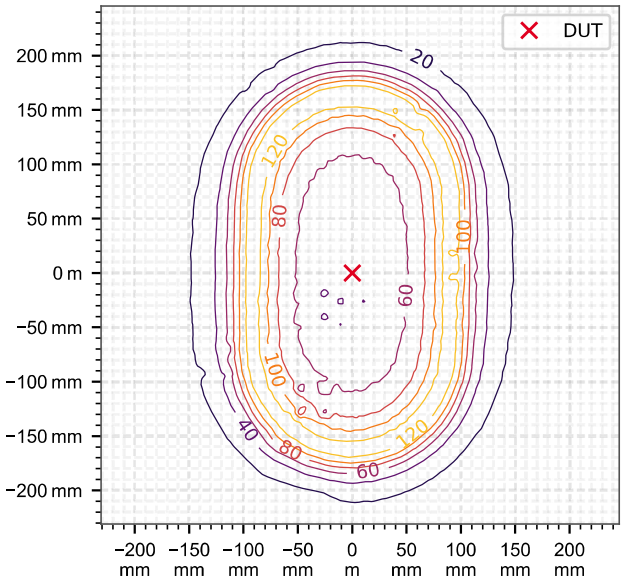
Distance to -20.0 dB boundary:
60.47 mm

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 homogeous phantom at the peak frequency

(f = 85.00 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m^2, RMS]	psSAR [mW/kg]		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	212	231	3.43	3.47	3.48	2.42	6.86	5.12	181	2%	82%	37%

Compliance evaluation (Field values at the peak frequency)

(f=85.00 kHz, total field evaluation)

	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]	
Distance [mm]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m^2]	psSAR [mW/kg]	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]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
0.00	212	231	3.44	5.12	212	231	2.42	5.12	212	231	3.48	5.12	212	231	N/A	6.86	212	231	3.47	6.86

Compliance evaluation (Exposure ratios)

(with multi-frequency enhancement, total field evaluation)

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	10.1	N/A	8.7	N/A	0.30	N/A	42.5	6.7	14.3	N/A	1.3	N/A	1.18	N/A	0.20	N/A	2.36	3.96	N/A	N/A	2.36	N/A	8.7	N/A	0.30	N/A

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