

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: 58.62 mm, y: -42.96 mm, z: 35.77 mm

Dimensions:
x: 124.4 mm, y: 124.7 mm, z: 36.6 mm

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

Completed on:
2025/01/24 09:34:21

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128.84 A/m
x: 8.56 A/m, y: 17.00 A/m, z: 127.43 A/m

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

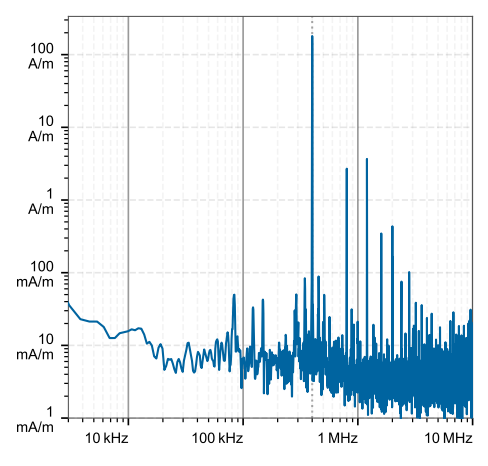
Maximum E-field [RMS]:
MAGNITUDE: 46.63 V/m
x: 12.48 V/m, y: 4.58 V/m, z: 44.70 V/m

Maximum E-field location relative to DUT:
x: -29.33 mm, y: 14.67 mm, z: 0.00 mm

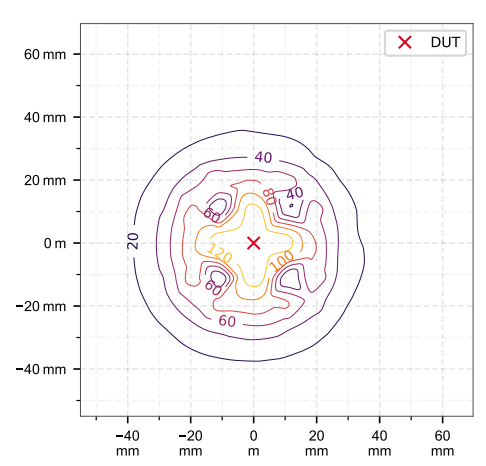
Distance to -20.0 dB boundary:
39.49 mm

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 = 400.00 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/m², 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	253	46.6	4.09	4.21	4.22	2.53	6.14	3.10	39.3	1%	33%	34%

Compliance evaluation (Field values at the peak frequency) (f=400.00 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
0.00	253	46.6	4.09	3.10	253	46.6	2.53	3.10	253	46.6	4.22	3.10	253	46.6	N/A	6.14	253	46.6	4.22	6.14

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	
	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	
	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	12.1	20.7	207.057.8	0.11	<0.01	139.0295.04.97	<0.01	11.55	2.79	28.0	141.00.07	<0.01	1155.085.2	N/A	<0.01	2.82	139.0207.0653.00.11	<0.01	<0.01					