

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 3.2.0.6673

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

Software version:
3.2.9, backend: 3.2.20

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: -2.57 mm, y: 71.85 mm, z: 24.67 mm

Dimensions:
x: 124.7 mm, y: 125.1 mm, z: 36.6 mm

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

Completed on:
2026/03/23 14:17:54

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 259.26 A/m
x: 128.65 A/m, y: 18.47 A/m, z: 224.33 A/m

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

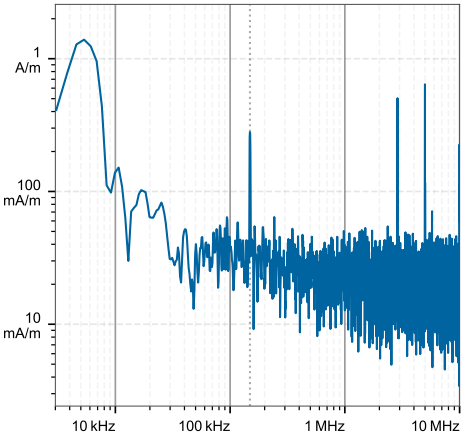
Maximum E-field [RMS]:
MAGNITUDE: 53.99 V/m
x: 664.58 mV/m, y: 2.15 V/m, z: 53.95 V/m

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

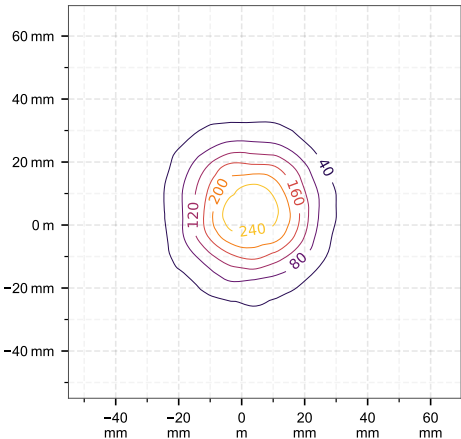
Distance to -20.0 dB boundary:
29.33 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at center location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 145.20 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	657	54.0	2.54	2.62	2.62	1.55	2.24	0.934	31.1	27%	11%	10%

Compliance evaluation (Field values at the peak frequency) (f=145.20 kHz, total field evaluation, coverage 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]	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	657	54.0	13.4	0.934	657	54.0	1.55	0.934	657	54.0	7.60	0.934	657	54.0	N/A	2.24	657	54.0	19.5	2.24

Coverage factors: $w_{E_{ind, cube avg.}} = [5.27]$, $w_{E_{ind, local}} = [7.44]$, $w_{E_{ind, line avg.}} = [2.90]$

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	31.3	19.5	0.65	0.02	0.68	<0.01	131.00	0.62	5.35	<0.01	14.03	2.62	0.09	0.04	0.25	<0.01	1403.00	0.09	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.27]$, $w_{E_{ind, local}} = [7.44]$, $w_{E_{ind, line avg.}} = [2.90]$

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Software version:
3.2.9, backend: 3.2.20

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: -2.56 mm, y: 71.83 mm, z: 19.67 mm

Dimensions:
x: 124.7 mm, y: 124.2 mm, z: 36.6 mm

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

Completed on:
2026/03/23 12:18:58

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 259.71 A/m
x: 53.85 A/m, y: 6.92 A/m, z: 253.97 A/m

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

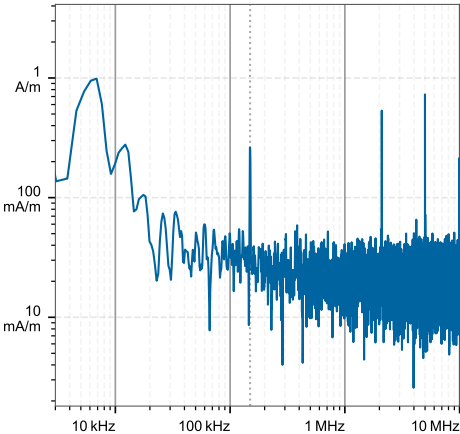
Maximum E-field [RMS]:
MAGNITUDE: 58.65 V/m
x: 3.02 V/m, y: 854.24 mV/m, z: 58.57 V/m

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

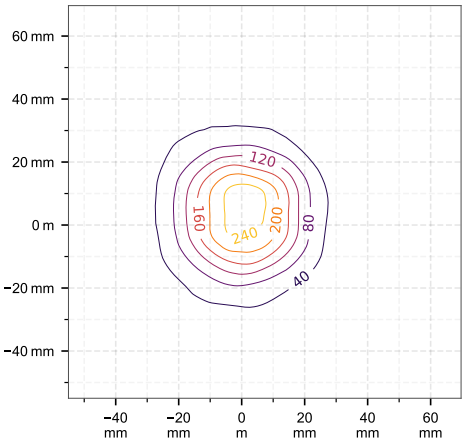
Distance to -20.0 dB boundary:
29.33 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at center location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 146.28 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	624	58.7	2.55	2.64	2.61	1.54	2.21	0.916	31.4	9%	12%	10%

Compliance evaluation (Field values at the peak frequency) (f=146.28 kHz, total field evaluation, coverage 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]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	624	58.7	13.4	0.916	624	58.7	1.54	0.916	624	58.7	7.57	0.916	624	58.7	N/A	2.21	624	58.7	19.6	2.21

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.27]$, $w_{E_{ind}, local} = [7.45]$, $w_{E_{ind}, line\ avg.} = [2.90]$

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 [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	ERL [RMS]	DRL [RMS]	MPE [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	29.7	18.6	0.71	0.02	0.68	<0.01	125.00	0.67	5.26	<0.01	13.83	2.51	0.10	0.04	0.25	<0.01	1383.00	10	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.27]$, $w_{E_{ind}, local} = [7.45]$, $w_{E_{ind}, line\ avg.} = [2.90]$