

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Back_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 60.96 mm, y: -5.84 mm, z: 16.00 mm

Dimensions:
x: 213.0 mm, y: 213.0 mm, z: 36.7 mm

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

Completed on:
2025/11/04

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 4.50 A/m
x: 930.83 mA/m, y: 42.71 mA/m, z: 4.40 A/m

Maximum H-field location relative to DUT:
x: -11.00 mm, y: 40.33 mm, z: 8.50 mm

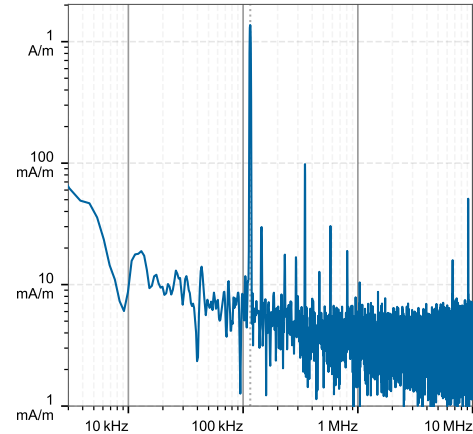
Maximum E-field [RMS]:
MAGNITUDE: 30.61 V/m
x: 396.23 mV/m, y: 1.26 V/m, z: 30.58 V/m

Maximum E-field location relative to DUT:
x: 58.67 mm, y: 14.67 mm, z: 0.00 mm

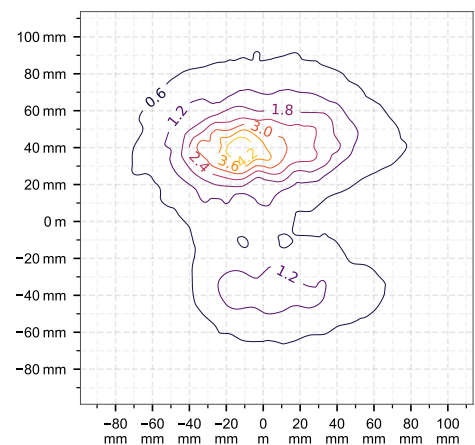
Distance to -20.0 dB boundary:
57.28 mm

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

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	9.25	30.6	0.0444	0.0451	0.0452	0.0298	9.34e-4	5.51e-4	63.8

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]	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	9.25	30.6	0.256	5.52e-4	9.25	30.6	0.0306	5.52e-4	9.25	30.6	0.141	5.52e-4	9.25	30.6	N/A	9.35e-4	9.25	30.6	0.368	9.35e-4

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.76]$, $w_{E_{ind}, local} = [8.13]$, $w_{E_{ind}, line\ avg.} = [3.11]$

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	0.44	0.22	7.34	1.47	0.02	<0.01	11.85	11.1	0.19	<0.01	10.06	0.03	0.99	0.91	<0.01	<0.01	15.68	1.7	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.76]$, $w_{E_{ind}, local} = [8.13]$, $w_{E_{ind}, line\ avg.} = [3.11]$