

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Front_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: 84.76 mm, y: 6.60 mm, z: 8.46 mm

Dimensions:
x: 300.2 mm, y: 388.0 mm, z: 36.6 mm

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

Completed on:
2025/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 3.62 A/m
x: 590.11 mA/m, y: 1.38 A/m, z: 3.29 A/m

Maximum H-field location relative to DUT:
x: 11.00 mm, y: -3.67 mm, z: 8.50 mm

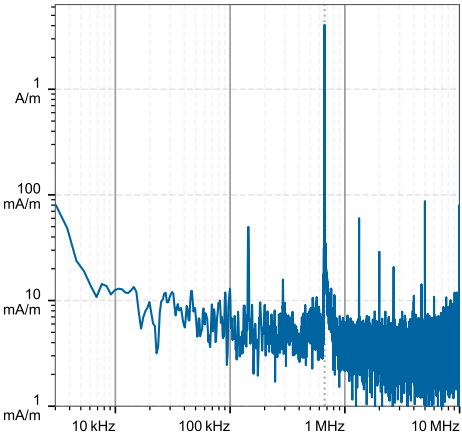
Maximum E-field [RMS]:
MAGNITUDE: 3.35 V/m
x: 291.77 mV/m, y: 23.32 mV/m, z: 3.34 V/m

Maximum E-field location relative to DUT:
x: 51.33 mm, y: 102.67 mm, z: 0.00 m

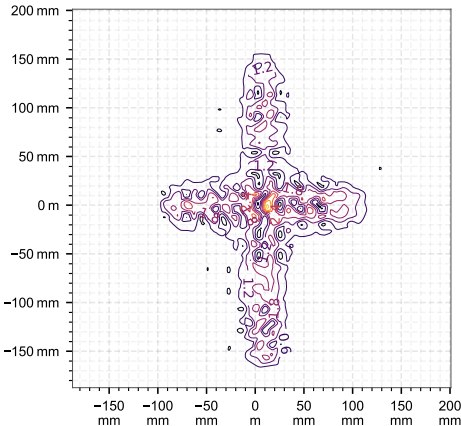
Distance to -20.0 dB boundary:
10.37 mm

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 -20 dB radius [mm]
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	
0.00	6.83	3.35	0.172	0.179	0.179	0.100	8.68e-3	3.53e-3	92.9

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	6.83	3.35	1.06	3.53e-3	6.83	3.35	0.100	3.53e-3	6.83	3.35	0.590	3.53e-3	6.83	3.35	N/A	8.68e-3	6.83	3.35	1.56	8.68e-3

Coverage factors: $w_{E_{ind, cube\ avg.}} = [6.19]$, $w_{E_{ind, local}} = [8.75]$, $w_{E_{ind, line\ avg.}} = [3.30]$

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	0.33	0.93	64.6	>999	0.02	<0.01	6.22	133.0	0.64	<0.01	10.04	0.12	8.74	>999	<0.01	<0.01	14.19	30.6	N/A	<0.01

Coverage factors: $w_{E_{ind, cube\ avg.}} = [6.19]$, $w_{E_{ind, local}} = [8.75]$, $w_{E_{ind, line\ avg.}} = [3.30]$