

DASY8 Module WPT Measurement Report

Device under test

Info:
1_Front_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2024/05/16

Software version:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 17.00 mm, y: -94.49 mm, z: 10.37 mm

Dimensions:
x: 124.7 mm, y: 212.2 mm, z: 36.6 mm

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

Completed on:
2024/09/06

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 140.36 A/m
x: 15.76 A/m, y: 125.34 A/m, z: 61.17 A/m

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

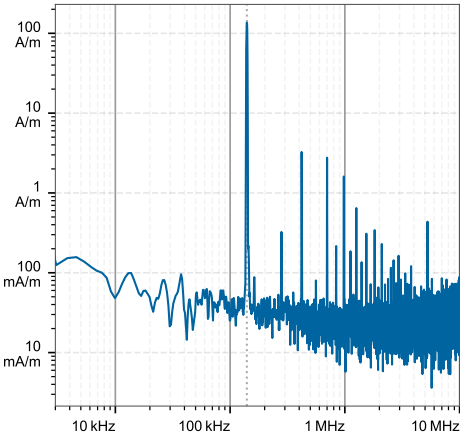
Maximum E-field [RMS]:
MAGNITUDE: 21.85 V/m
x: 6.54 V/m, y: 3.06 V/m, z: 20.62 V/m

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

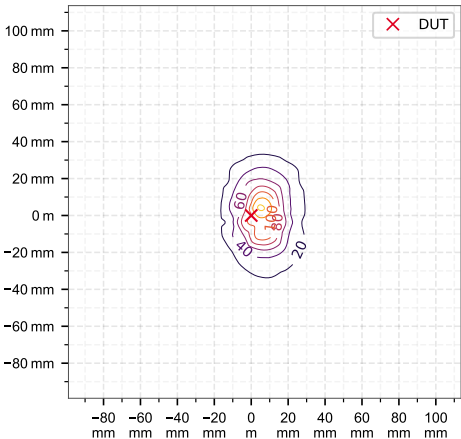
Distance to -20.0 dB boundary:
22.00 mm

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

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	301	21.8	1.63	1.68	1.69	0.948	0.763	0.253	28.8

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	301	21.8	8.51	0.253	301	21.8	0.949	0.253	301	21.8	4.87	0.253	301	21.8	N/A	0.763	301	21.8	12.4	0.763

Coverage factors: $w_{E_{ind, cube\ avg.}} = [5.23]$, $w_{E_{ind, local}} = [7.39]$, $w_{E_{ind, line\ avg.}} = [2.88]$

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	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR
	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	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	14.3	8.59	2.08	0.37	0.45	<0.01	160.1	2.66	3.41	<0.01	1.85	1.16	0.28	0.06	0.17	<0.01	1185.00	60.60	N/A	<0.01

Coverage factors: $w_{E_{ind, cube\ avg.}} = [5.23]$, $w_{E_{ind, local}} = [7.39]$, $w_{E_{ind, line\ avg.}} = [2.88]$