

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Edge3_200mm

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

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

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 111.08 mm, y: 7.69 mm, z: 393.65 mm

Dimensions:
x: 168.9 mm, y: 256.0 mm, z: 37.0 mm

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

Completed on:
2025/05/14

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 129.86 mA/m
x: 9.18 mA/m, y: 6.12 mA/m, z: 129.39 mA/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: -11.00 mm, z: 200.00 mm

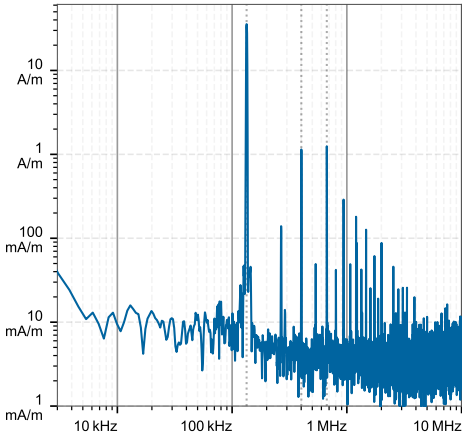
Maximum E-field [RMS]:
MAGNITUDE: 813.17 mV/m
x: 87.47 mV/m, y: 25.01 mV/m, z: 808.07 mV/m

Maximum E-field location relative to DUT:
x: -36.67 mm, y: 7.33 mm, z: 0.00 mm

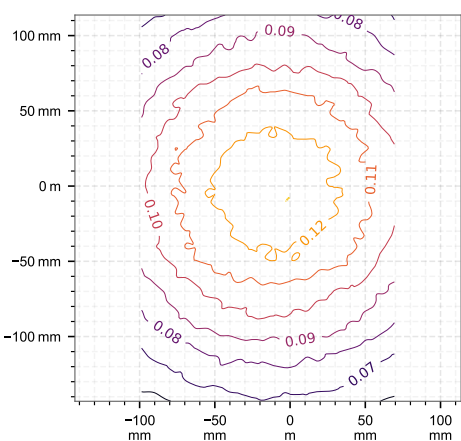
Distance to -20.0 dB boundary:
NaN

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 192.50 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]
200	0.129	0.757	6.99e-3	7.04e-3	7.04e-3	5.05e-3	3.15e-5	2.55e-5	118

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]
200	0.129	0.757	0.046	2.55e-5	0.129	0.757	5.07e-3	2.55e-5	0.129	0.757	0.0244	2.55e-5	0.129	0.757	N/A	3.15e-5	0.129	0.757	0.0654	3.15e-5

Coverage factors: $w_{E_{ind, cube avg.}} = [6.57]$, $w_{E_{ind, local}} = [9.28]$, $w_{E_{ind, line avg.}} = [3.46]$

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			
	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	P _H inc	P _E inc	P _E ind	psSAR	P _H inc	P _E inc	P _E ind	psSAR		
	NS	TH	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	NS	TH
200	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.03	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	10.08	<0.01	N/A	<0.01	<0.01	0.02	0.02	N/A	<0.01	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.57]$, $w_{E_{ind, local}} = [9.28]$, $w_{E_{ind, line avg.}} = [3.46]$