

DASY8 Module WPT Measurement Report

Device under test

Info:
#1_Top_Edge_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: -1.55 mm, y: 93.34 mm, z: 259.02 mm

Dimensions:
x: 80.7 mm, y: 80.7 mm, z: 36.0 mm

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

Completed on:
2025/02/16

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 107.61 A/m
x: 20.36 A/m, y: 87.84 A/m, z: 58.73 A/m

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

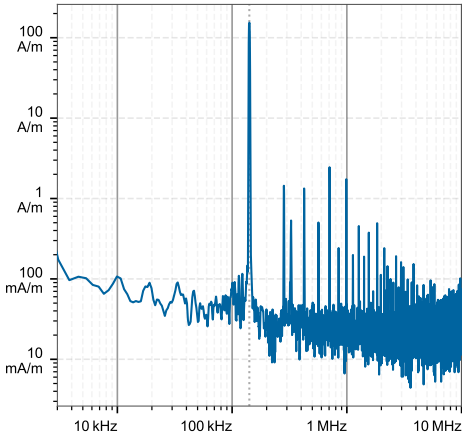
Maximum E-field [RMS]:
MAGNITUDE: 9.63 V/m
x: 5.34 V/m, y: 2.49 V/m, z: 7.61 V/m

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

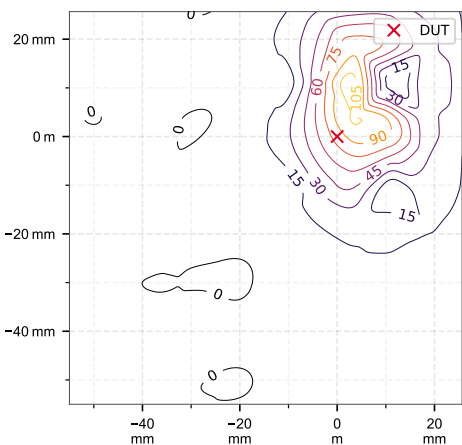
Distance to -20.0 dB boundary:
7.33 mm

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	245	9.63	2.13	2.21	2.21	1.21	1.17	0.356	24.0

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]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	245	9.63	11.0	0.356	245	9.63	1.21	0.356	245	9.63	6.31	0.356	245	9.63	N/A	1.17	245	9.63	16.1	1.17

Coverage factors: $w_{E_{ind, cube\ avg.}} = [5.16]$, $w_{E_{ind, local}} = [7.29]$, $w_{E_{ind, line\ avg.}} = [2.85]$

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	RL	BR	RL	BR	RL	BR	RL	BR
0.00	11.6	14.4	0.20	0.01	0.28	<0.01	196.8	0.20	2.09	<0.01	1.5	1.94	0.03	<0.01	10.10	<0.01	150.00	0.03	N/A	<0.01

Coverage factors: $w_{E_{ind, cube\ avg.}} = [5.16]$, $w_{E_{ind, local}} = [7.29]$, $w_{E_{ind, line\ avg.}} = [2.85]$