

DASY8 Module WPT Measurement Report

Device under test

Info:
01_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: 92.64 mm, y: -26.95 mm, z: 30.33 mm

Dimensions:
x: 520.0 mm, y: 609.0 mm, z: 36.7 mm

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

Completed on:
2024/12/05

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 2.48 A/m
x: 1.65 A/m, y: 136.70 mA/m, z: 1.85 A/m

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

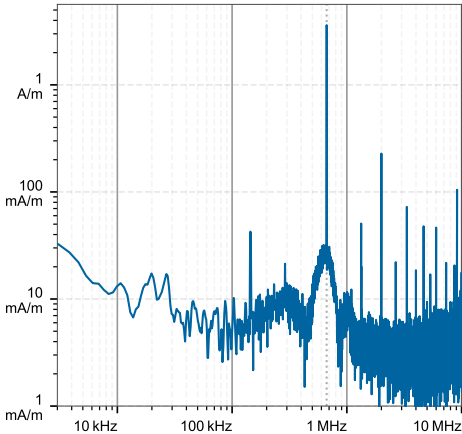
Maximum E-field [RMS]:
MAGNITUDE: 12.55 V/m
x: 206.57 mV/m, y: 75.79 mV/m, z: 12.55 V/m

Maximum E-field location relative to DUT:
x: -132.00 mm, y: 220.00 mm, z: 0.00 mm

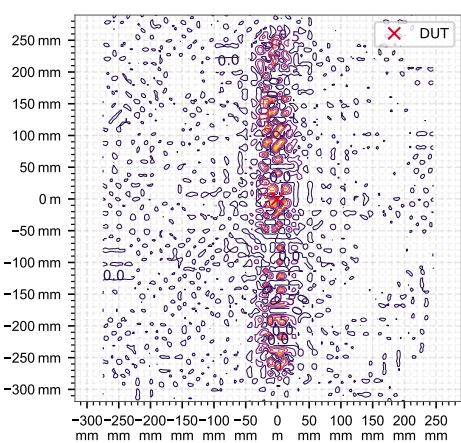
Distance to -20.0 dB boundary:
7.33 mm

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	4.18	12.6	0.237	0.25	0.249	0.128	0.0189	7.64e-3	104

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	4.18	12.6	1.51	7.66e-3	4.18	12.6	0.133	7.66e-3	4.18	12.6	0.844	7.66e-3	4.18	12.6	N/A	0.0189	4.18	12.6	2.25	0.0189

Coverage factors: $w_{E_{ind, cube avg.}} = [6.36]$, $w_{E_{ind, local}} = [8.98]$, $w_{E_{ind, line avg.}} = [3.37]$

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					
	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	PH _{inc}	PE _{inc}	PE _{ind}	psSAR		
	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH			NS	TH	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH
0.00	0.20	1.41	4.53	1.45	<0.01	<0.01	9.49	5.7	0.08	<0.01	10.03	0.19	0.61	0.54	<0.01	<0.01	13.16	0.85	N/A	<0.01	10.05	9.49	4.53	9.71	0.01	<0.01				

Coverage factors: $w_{E_{ind, cube avg.}} = [6.36]$, $w_{E_{ind, local}} = [8.98]$, $w_{E_{ind, line avg.}} = [3.37]$