

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: 85.97 mm, y: -105.96 mm, z: 22.53 mm

Dimensions:
x: 345.0 mm, y: 432.7 mm, z: 36.7 mm

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

Completed on:
2024/09/24

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 2.61 A/m
x: 2.43 A/m, y: 34.19 mA/m, z: 969.14 mA/m

Maximum H-field location relative to DUT:
x: -91.67 mm, y: -99.00 mm, z: 8.50 mm

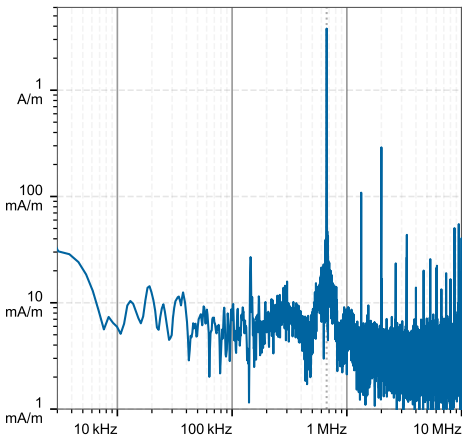
Maximum E-field [RMS]:
MAGNITUDE: 2.30 V/m
x: 1.03 V/m, y: 130.57 mV/m, z: 2.05 V/m

Maximum E-field location relative to DUT:
x: 95.33 mm, y: -88.00 mm, z: 0.00 mm

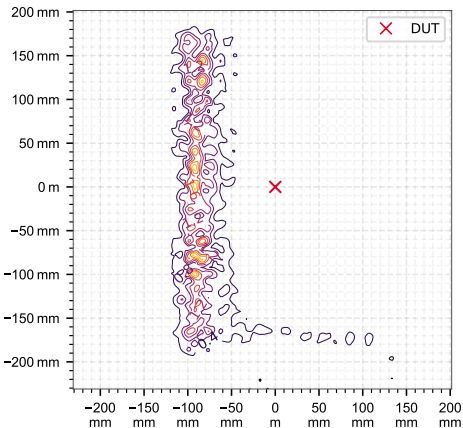
Distance to -20.0 dB boundary:
30.24 mm

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 -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	4.03	2.30	0.166	0.171	0.171	0.104	0.0103	5.00e-3	94.9

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	4.03	2.30	1.03	5.00e-3	4.03	2.30	0.105	5.00e-3	4.03	2.30	0.567	5.00e-3	4.03	2.30	N/A	0.0103	4.03	2.30	1.50	0.0103

Coverage factors: $w_{E_{ind}, cube\ avg.} = [6.22]$, $w_{E_{ind}, local} = [8.79]$, $w_{E_{ind}, line\ avg.} = [3.31]$

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			
	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	0.19	0.57	216.08	0.06	0.05	<0.01	3.85	129.01	0.96	<0.01	0.02	0.08	29.2	337.00	0.03	<0.01	12.47	12.3	N/A	<0.01	10.04	3.85	216.0	>999	0.05	<0.01				

Coverage factors: $w_{E_{ind}, cube\ avg.} = [6.22]$, $w_{E_{ind}, local} = [8.79]$, $w_{E_{ind}, line\ avg.} = [3.31]$