

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:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 54.16 mm, y: 4.53 mm, z: 19.58 mm

Dimensions:
x: 300.8 mm, y: 256.0 mm, z: 36.6 mm

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

Completed on:
2024/06/11

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 1.59 A/m
x: 409.86 mA/m, y: 182.40 mA/m, z: 1.52 A/m

Maximum H-field location relative to DUT:

x: 62.33 mm, y: -3.67 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 20.56 V/m
x: 1.38 V/m, y: 808.46 mV/m, z: 20.49 V/m

Maximum E-field location relative to DUT:

x: 44.00 mm, y: 58.67 mm, z: 0.00 mm

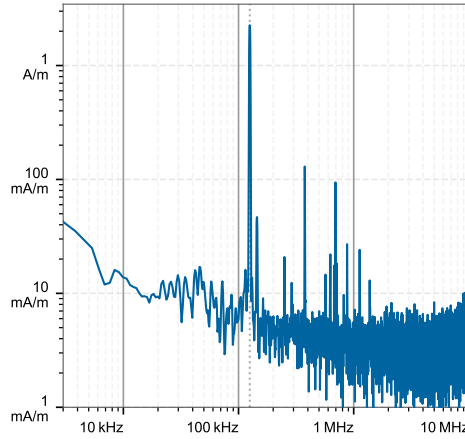
Distance to -20.0 dB boundary:

69.18 mm

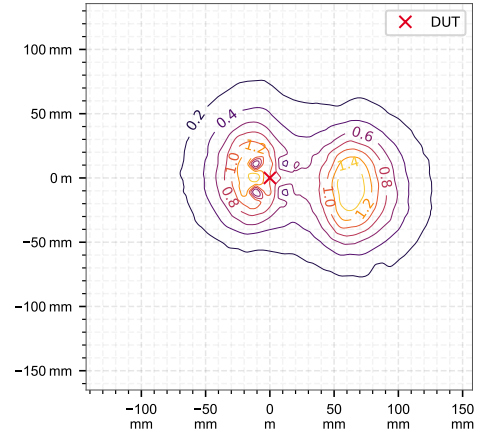
Offset relative to DUT:

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	2.90	20.6	0.025	0.025	0.025	0.017	0.000	0.000	77.9		

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]	
	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
[mm]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0.00	2.90	20.6	0.152	0.000	2.90	20.6	0.018	0.000	2.90	20.6	0.083	0.000	2.90	20.6	N/A	0.000	2.90	20.6	0.218	0.000

Coverage factors: $w_{E_{ind, cube avg.}} = [5.97]$, $w_{E_{ind, local}} = [8.43]$, $w_{E_{ind, line avg.}} = [3.20]$

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	N/A	N/A	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH						
0.00	0.14	0.07	1.7	0.18	<0.01	<0.01	0.58	2.06	0.08	<0.01	0.02	<0.01	0.23	0.05	<0.01	<0.01	1.78	0.46	N/A	<0.01	0.03	0.50	1.7	0.81	0.01	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.97]$, $w_{E_{ind, local}} = [8.43]$, $w_{E_{ind, line avg.}} = [3.20]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_Back_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:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 61.67 mm, y: 3.31 mm, z: 17.78 mm

Dimensions:
x: 256.3 mm, y: 257.0 mm, z: 36.6 mm

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

Completed on:
2024/06/11

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 1.42 A/m
x: 330.66 mA/m, y: 304.28 mA/m, z: 1.35 A/m

Maximum H-field location relative to DUT:

x: -18.33 mm, y: 25.67 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 36.05 V/m
x: 792.83 mV/m, y: 1.87 V/m, z: 36.00 V/m

Maximum E-field location relative to DUT:

x: -73.33 mm, y: 7.33 mm, z: 0.00 m

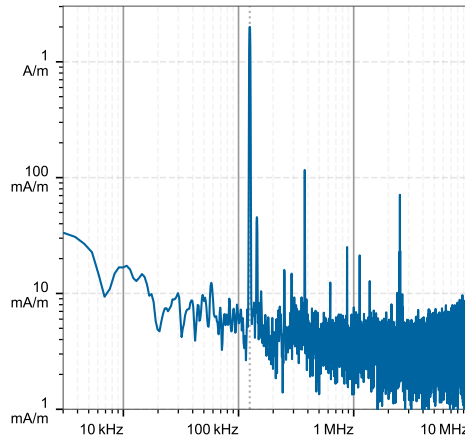
Distance to -20.0 dB boundary:

65.59 mm

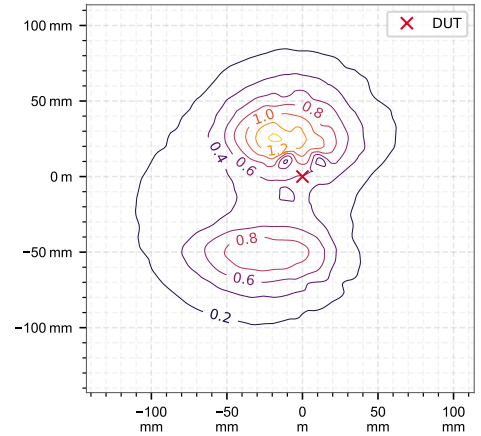
Offset relative to DUT:

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	2.55	36.1	0.020	0.021	0.021	0.014	0.000	0.000	82.6		

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]	
	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
[mm]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0.00	2.55	36.1	0.127	0.000	2.55	36.1	0.015	0.000	2.55	36.1	0.069	0.000	2.55	36.1	N/A	0.000	2.55	36.1	0.182	0.000

Coverage factors: $w_{E_{ind, cube avg.}} = [6.04]$, $w_{E_{ind, local}} = [8.53]$, $w_{E_{ind, line avg.}} = [3.23]$

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	N/A	N/A	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH				
0.00	0.12	0.07	3.31	0.43	<0.01	<0.01	0.51	4.15	0.09	<0.01	0.02	<0.01	0.45	0.10	<0.01	<0.01	1.56	0.88	N/A	<0.01	0.03	0.44	3.31	1.81	0.01	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.04]$, $w_{E_{ind, local}} = [8.53]$, $w_{E_{ind, line avg.}} = [3.23]$