

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:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: 97.00 mm, y: -199.13 mm, z: 10.79 mm

Dimensions:
x: 345.0 mm, y: 344.5 mm, z: 36.7 mm

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

Completed on:
2024/08/16

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 131.26 A/m
x: 3.89 A/m, y: 131.17 A/m, z: 3.12 A/m

Maximum H-field location relative to DUT:

x: -84.33 mm, y: 55.00 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 17.31 V/m
x: 6.28 V/m, y: 2.99 V/m, z: 15.85 V/m

Maximum E-field location relative to DUT:

x: -88.00 mm, y: 58.67 mm, z: 0.00 mm

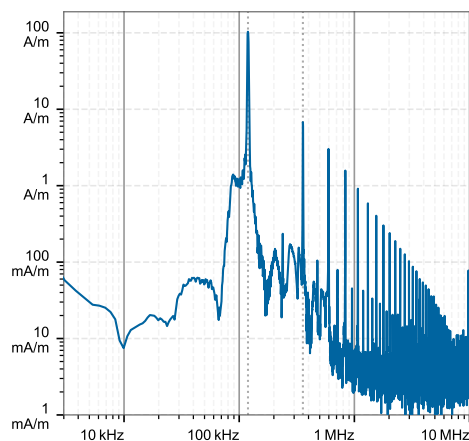
Distance to -20.0 dB boundary:

22.00 mm

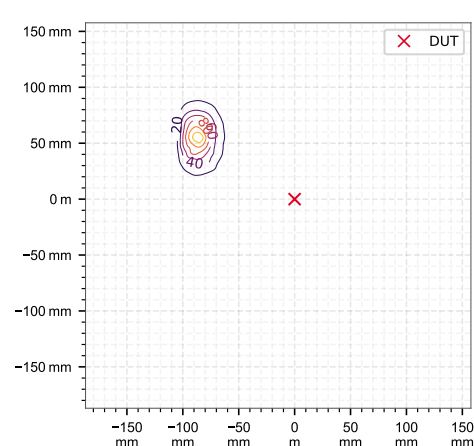
Offset relative to DUT:

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	287	17.3	1.41	1.47	1.47	0.805	0.56	0.193	29.1

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	
[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	287	17.3	7.39	0.193	287	17.3	0.805	0.193	287	17.3	4.25	0.193	287	17.3	N/A	0.56	287	17.3	10.9	0.56

Coverage factors: $w_{E_{ind, cube avg.}} = [5.24]$, $w_{E_{ind, local}} = [7.40]$, $w_{E_{ind, line avg.}} = [2.89]$

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	NS	TH	N/A	N/A	NS	TH	NS	TH							
0.00	13.7	7.03	36.7	120.0	0.46	<0.01	57.5	43.4	3.68	<0.01	1.76	0.95	4.95	17.1	0.17	<0.01	176.0	11.2	N/A	<0.01	3.19	47.2	36.7	474.0	0.68	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.24]$, $w_{E_{ind, local}} = [7.40]$, $w_{E_{ind, line avg.}} = [2.89]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_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: 95.86 mm, y: -171.25 mm, z: 10.58 mm

Dimensions:
x: 213.1 mm, y: 256.4 mm, z: 36.6 mm

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

Completed on:
2024/08/16

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 138.37 A/m
x: 2.24 A/m, y: 138.14 A/m, z: 7.67 A/m

Maximum H-field location relative to DUT:

x: -91.67 mm, y: 55.00 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 15.66 V/m
x: 6.06 V/m, y: 2.81 V/m, z: 14.17 V/m

Maximum E-field location relative to DUT:

x: -88.00 mm, y: 51.33 mm, z: 0.00 m

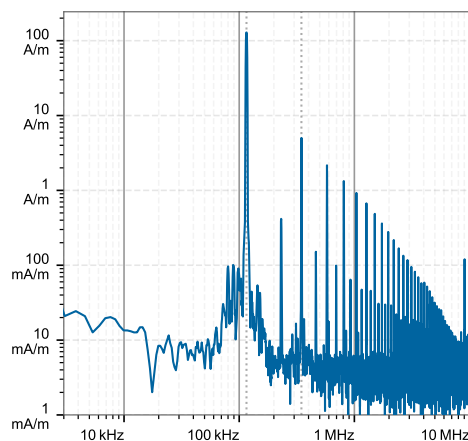
Distance to -20.0 dB boundary:

22.00 mm

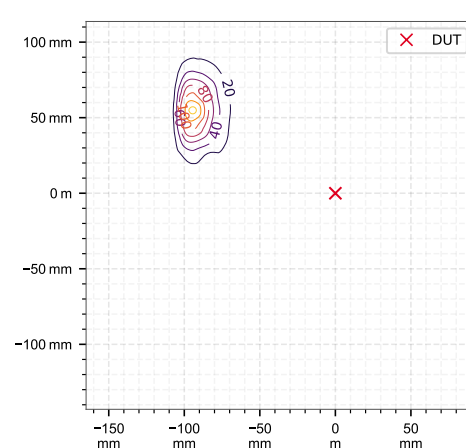
Offset relative to DUT:

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	307	15.7	1.39	1.44	1.45	0.786	0.523	0.173	27.8		

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
	[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	307	15.7	1.39	0.173	307	15.7	0.786	0.173	307	15.7	1.45	0.173	307	15.7	N/A	0.523	307	15.7	1.44	0.523

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field 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	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH		
0.00	14.6	7.47	44.4	15.2	0.09	<0.01	61.3	42.3	3.68	<0.01	1.88	1.01	6.0	10.9	0.06	<0.01	188.0	14.2	N/A	<0.01	3.41	50.1	44.4	119.0	0.10	<0.01