

DASY8 Module WPT Measurement Report

Device under test

Info:
01_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:
2.0.63, backend: 2.2.22

Scan info

Center location:
x: -4.77 mm, y: -97.91 mm, z: 9.84 mm

Dimensions:
x: 124.7 mm, y: 124.8 mm, z: 36.7 mm

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

Completed on:
2024/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 55.81 A/m
x: 346.70 mA/m, y: 54.63 A/m, z: 11.38 A/m

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

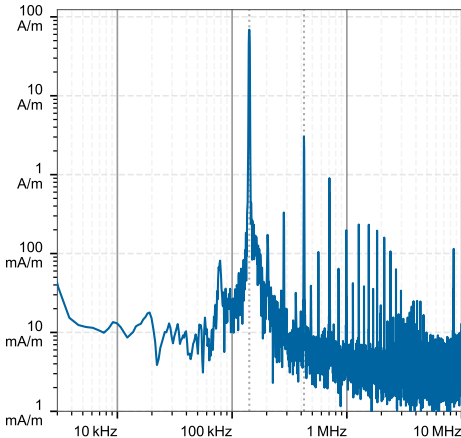
Maximum E-field [RMS]:
MAGNITUDE: 22.06 V/m
x: 2.09 V/m, y: 1.14 V/m, z: 21.93 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: 0.00 m, z: 0.00 m

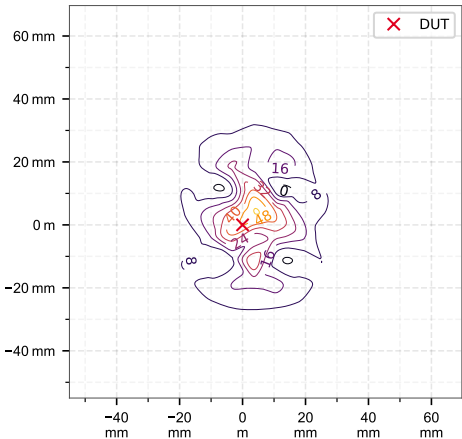
Distance to -20.0 dB boundary:
10.37 mm

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	Warnings		
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
0.00	119	22.1	0.460	0.482	0.482	0.256	0.0554	0.0182	25.8	23%	41%	21%

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} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pJ _{ind} [A/m ²]	psSAR [mW/kg]	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]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]
0.00	119	22.1	2.39	0.0182	119	22.1	0.257	0.0182	119	22.1	1.38	0.0182	119	22.1	N/A	0.0554	119	22.1	3.53	0.0554

Coverage factors: $w_{E_{ind, cube avg.}} = [5.19]$, $w_{E_{ind, local}} = [7.33]$, $w_{E_{ind, line avg.}} = [2.87]$

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
0.00	6.55	3.89	1.05	0.09	0.16	<0.01	127.4	1.28	1.14	<0.01	10.84	0.52	0.14	0.03	0.06	<0.01	174.7	0.27	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.19]$, $w_{E_{ind, local}} = [7.33]$, $w_{E_{ind, line avg.}} = [2.87]$

DASY8 Module WPT Measurement Report

Device under test

Info:
02_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: 2.57 mm, y: -64.40 mm, z: 10.22 mm

Dimensions:
x: 124.6 mm, y: 212.3 mm, z: 36.7 mm

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

Completed on:
2024/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 113.35 A/m
x: 9.27 A/m, y: 109.99 A/m, z: 25.78 A/m

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

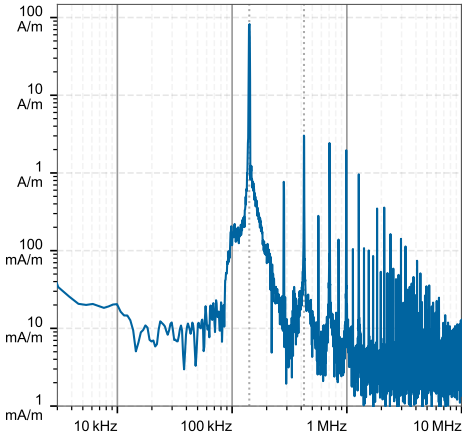
Maximum E-field [RMS]:
MAGNITUDE: 21.52 V/m
x: 4.23 V/m, y: 1.82 V/m, z: 21.03 V/m

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

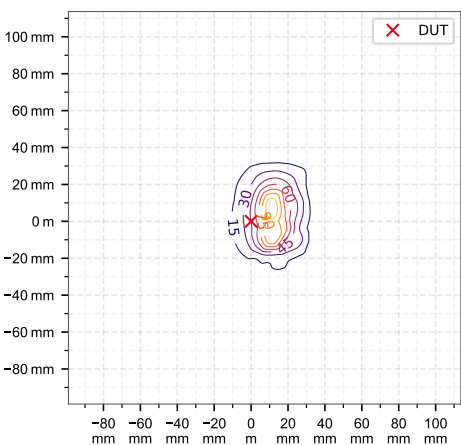
Distance to -20.0 dB boundary:
23.19 mm

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	Warnings		
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
0.00	266	21.5	1.22	1.27	1.28	0.688	0.394	0.127	26.1	26%	29%	7%

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} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PJ _{ind} [A/m ²]	psSAR [mW/kg]	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]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	266	21.5	6.33	0.127	266	21.5	0.688	0.127	266	21.5	3.66	0.127	266	21.5	N/A	0.394	266	21.5	9.34	0.394

Coverage factors: $w_{E_{ind, cube avg.}} = [5.19]$, $w_{E_{ind, local}} = [7.33]$, $w_{E_{ind, line avg.}} = [2.87]$

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
0.00	15.1	9.26	3.36	1.11	0.41	<0.01	163.6	4.48	3.02	<0.01	11.95	1.25	0.45	0.14	0.15	<0.01	1167.00	88	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.19]$, $w_{E_{ind, local}} = [7.33]$, $w_{E_{ind, line avg.}} = [2.87]$

DASY8 Module WPT Measurement Report

Device under test

Info:
03_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: -6.32 mm, y: -89.63 mm, z: 10.22 mm

Dimensions:
x: 124.6 mm, y: 213.0 mm, z: 36.7 mm

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

Completed on:
2024/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 102.12 A/m
x: 21.74 A/m, y: 82.49 A/m, z: 56.14 A/m

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

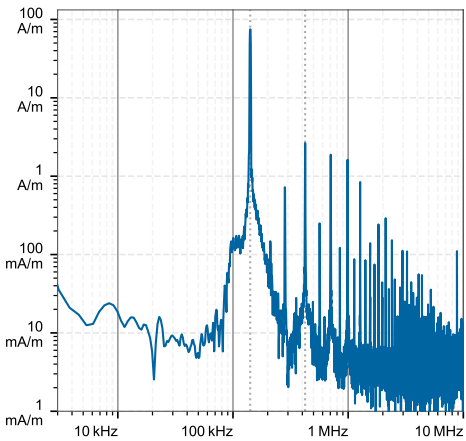
Maximum E-field [RMS]:
MAGNITUDE: 21.63 V/m
x: 4.50 V/m, y: 1.97 V/m, z: 21.07 V/m

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

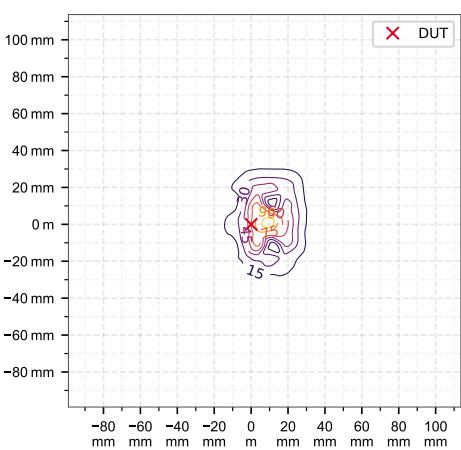
Distance to -20.0 dB boundary:
7.33 mm

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	Warnings		
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
0.00	230	21.6	1.13	1.16	1.17	0.681	0.402	0.130	27.3	29%	35%	13%

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} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PJ _{ind} [A/m ²]	psSAR [mW/kg]	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]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	230	21.6	5.89	0.130	230	21.6	0.681	0.130	230	21.6	3.35	0.130	230	21.6	N/A	0.402	230	21.6	8.56	0.402

Coverage factors: $w_{E_{ind, cube avg.}} = [5.21]$, $w_{E_{ind, local}} = [7.36]$, $w_{E_{ind, line avg.}} = [2.88]$

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	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	12.2	7.31	3.16	1.02	0.35	<0.01	149.8	4.2	2.76	<0.01	11.57	0.98	0.43	0.12	0.13	<0.01	143.00	88	N/A	<0.01	2.85	49.1	3.16	3.6	0.51	<0.01		

Coverage factors: $w_{E_{ind, cube avg.}} = [5.21]$, $w_{E_{ind, local}} = [7.36]$, $w_{E_{ind, line avg.}} = [2.88]$