

DASY8 Module WPT Measurement Report

Device under test

Info:
1_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: 128.48 mm, Y: -147.98 mm, Z: 101.72 mm

Dimensions:
X: 168.5 mm, Y: 300.7 mm, Z: 37.0 mm

Resolution:
X: 7.33 mm, Y: 7.33 mm, Z: 7.33 mm

Completed on:
2024/07/22

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 4.68 A/m
X: 452.71 mA/m, Y: 131.91 mA/m, z: 4.66 A/m

Maximum H-field location relative to DUT:
X: -3.67 mm, Y: -11.00 mm, z: 8.50 mm

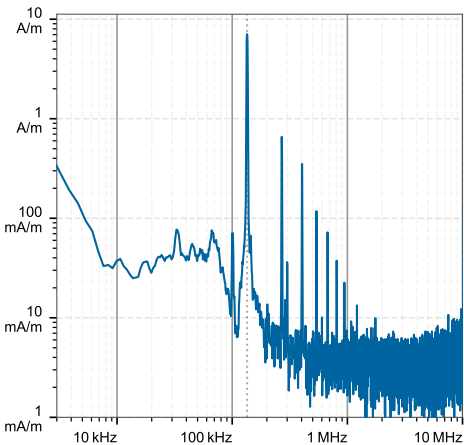
Maximum E-field [RMS]:
MAGNITUDE: 160.64 V/m
X: 4.59 V/m, Y: 5.81 V/m, z: 160.47 V/m

Maximum E-field location relative to DUT:
X: 14.67 mm, Y: 58.67 mm, z: 0.00 m

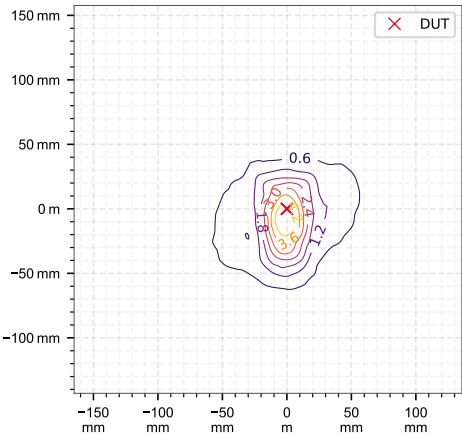
Distance to -20.0 dB boundary:
46.96 mm

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	10.2	161	0.0601	0.0617	0.0614	0.0381	1.41e-3	6.86e-4	47.9

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
	[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	10.2	161	0.338	7.14e-4	10.2	161	0.0427	7.14e-4	10.2	161	0.191	7.14e-4	10.2	161	N/A	1.44e-3	10.2	161	0.487	1.44e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [5.52]$, $w_{E_{ind, local}} = [7.80]$, $w_{E_{ind, line avg.}} = [3.01]$

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	N/A	N/A	NS	TH	NS	TH
0.00	0.49	0.28	4.13	0.23	0.02	<0.01	2.05	2.83	0.18	<0.01	0.06	0.04	0.56	0.14	<0.01	<0.01	6.29	0.88	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.52]$, $w_{E_{ind, local}} = [7.80]$, $w_{E_{ind, line avg.}} = [3.01]$

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: 114.20 mm, Y: -175.78 mm, Z: 33.37 mm

Dimensions:
X: 212.8 mm, Y: 256.9 mm, Z: 36.6 mm

Resolution:
X: 7.33 mm, Y: 7.33 mm, Z: 7.33 mm

Completed on:
2024/07/22

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 3.88 A/m
X: 288.23 mA/m, Y: 401.36 mA/m, z: 3.84 A/m

Maximum H-field location relative to DUT:
X: -3.67 mm, Y: 18.33 mm, z: 8.50 mm

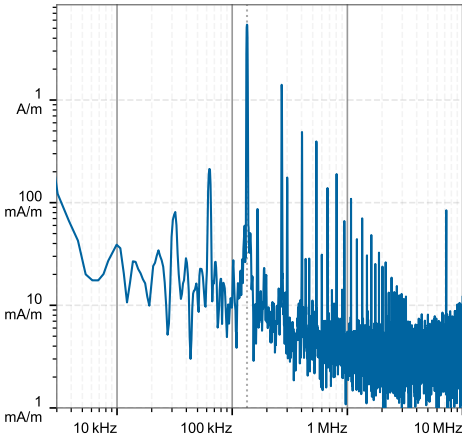
Maximum E-field [RMS]:
MAGNITUDE: 19.10 V/m
X: 303.53 mV/m, Y: 880.70 mV/m, z: 19.08 V/m

Maximum E-field location relative to DUT:
X: 0.00 m, Y: 58.67 mm, z: 0.00 m

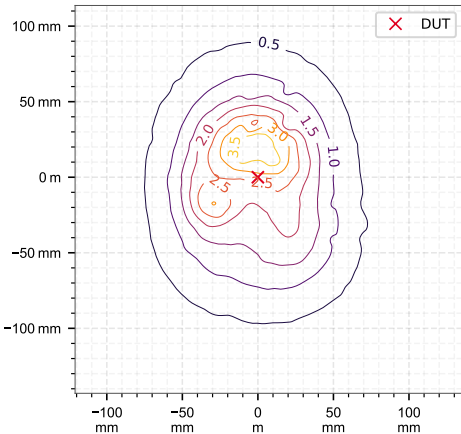
Distance to -20.0 dB boundary:
74.79 mm

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	6.51	19.1	0.0712	0.0719	0.0721	0.0497	2.77e-3	1.80e-3	81.0

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	6.51	19.1	0.429	1.80e-3	6.51	19.1	0.0502	1.80e-3	6.51	19.1	0.233	1.80e-3	6.51	19.1	N/A	2.77e-3	6.51	19.1	0.612	2.77e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [6.02]$, $w_{E_{ind, local}} = [8.50]$, $w_{E_{ind, line avg.}} = [3.22]$

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	N/A	N/A	NS	TH	NS	TH
0.00	0.31	0.18	6.79	4.42	0.02	<0.01	1.3	9.24	0.24	<0.01	0.04	0.02	0.92	0.55	<0.01	<0.01	3.99	1.85	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.02]$, $w_{E_{ind, local}} = [8.50]$, $w_{E_{ind, line avg.}} = [3.22]$