

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Back_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2024/05/16

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 61.08 mm, y: -62.85 mm, z: 75.82 mm

Dimensions:
x: 168.9 mm, y: 256.8 mm, z: 36.7 mm

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

Completed on:
2025/03/31

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 5.74 A/m
x: 473.35 mA/m, y: 563.01 mA/m, z: 5.69 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: 25.67 mm, z: 8.50 mm

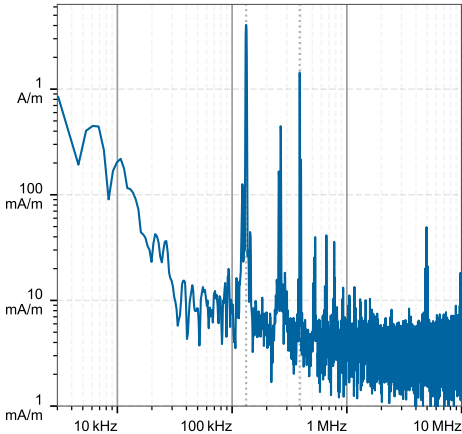
Maximum E-field [RMS]:
MAGNITUDE: 180.39 V/m
x: 1.61 V/m, y: 14.92 V/m, z: 179.77 V/m

Maximum E-field location relative to DUT:
x: 0.00 m, y: -29.33 mm, z: 0.00 m

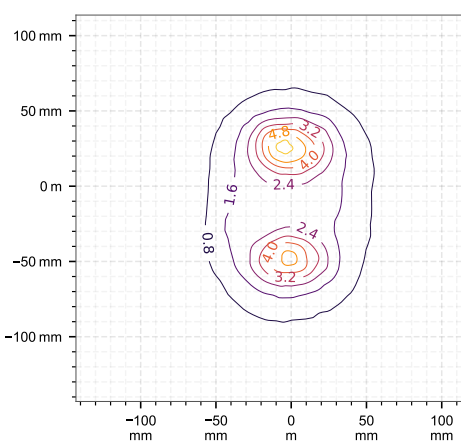
Distance to -20.0 dB boundary:
49.19 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at center location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogenous 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	12.1	180	0.0735	0.0748	0.0749	0.0505	2.80e-3	1.88e-3	63.4

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	12.1	180	0.43	1.91e-3	12.1	180	0.0554	1.91e-3	12.1	180	0.239	1.91e-3	12.1	180	N/A	2.84e-3	12.1	180	0.615	2.84e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [5.75]$, $w_{E_{ind, local}} = [8.12]$, $w_{E_{ind, line avg.}} = [3.11]$

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	RL	BR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
0.00	0.81	0.77	3.04	0.08	0.03	<0.01	5.02	2.39	0.30	<0.01	0.10	0.10	0.41	0.14	0.01	<0.01	19.01	0.41	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.75]$, $w_{E_{ind, local}} = [8.12]$, $w_{E_{ind, line avg.}} = [3.11]$

DASY8 Module WPT Measurement Report

Device under test

Info:
02_Front_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2024/05/16

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 71.36 mm, y: -44.02 mm, z: 76.07 mm

Dimensions:
x: 124.6 mm, y: 168.6 mm, z: 36.4 mm

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

Completed on:
2025/03/31

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 5.72 A/m
x: 403.28 mA/m, y: 1.92 A/m, z: 5.37 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: -18.33 mm, z: 8.50 mm

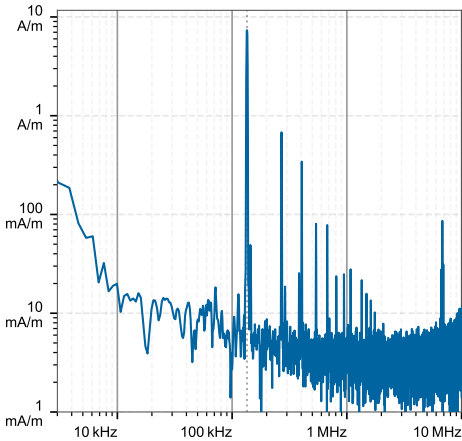
Maximum E-field [RMS]:
MAGNITUDE: 64.89 V/m
x: 3.24 V/m, y: 3.74 V/m, z: 64.70 V/m

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

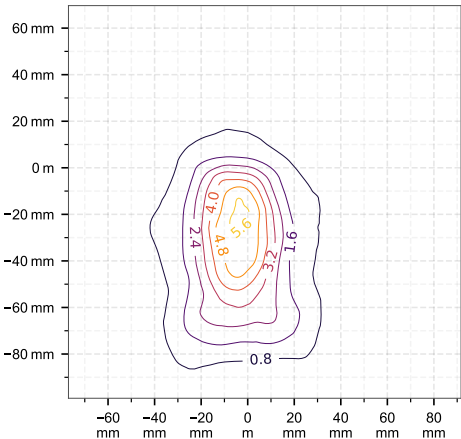
Distance to -20.0 dB boundary:
39.49 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at center 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	12.9	64.9	0.0698	0.0717	0.0712	0.0453	1.94e-3	9.19e-4	44.7

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]	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	12.9	64.9	0.384	9.24e-4	12.9	64.9	0.0471	9.24e-4	12.9	64.9	0.215	9.24e-4	12.9	64.9	N/A	1.95e-3	12.9	64.9	0.557	1.95e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [5.47]$, $w_{E_{ind, local}} = [7.73]$, $w_{E_{ind, line avg.}} = [2.99]$

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	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
0.00	0.61	0.35	1.13	0.03	0.02	<0.01	2.58	1.00	0.18	<0.01	0.08	0.05	0.15	0.05	<0.01	<0.01	17.9	0.15	N/A	<0.01	10.14	2.38	1.13	N/A	0.03	<0.01	

Coverage factors: $w_{E_{ind, cube avg.}} = [5.47]$, $w_{E_{ind, local}} = [7.73]$, $w_{E_{ind, line avg.}} = [2.99]$