

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, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 73.06 mm, y: 24.98 mm, z: 35.29 mm

Dimensions:
x: 168.9 mm, y: 168.6 mm, z: 36.7 mm

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

Completed on:
2025/12/04

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 14.39 A/m
x: 4.67 A/m, y: 1.82 A/m, z: 13.49 A/m

Maximum H-field location relative to DUT:
x: -10.97 mm, y: 3.70 mm, z: 8.50 mm

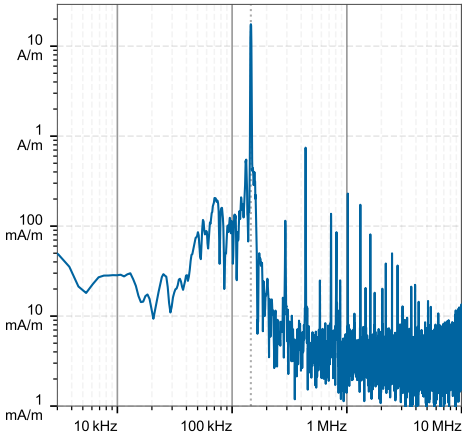
Maximum E-field [RMS]:
MAGNITUDE: 18.21 V/m
x: 105.19 mV/m, y: 144.15 mV/m, z: 18.21 V/m

Maximum E-field location relative to DUT:
x: 33.33 μm, y: 33.33 μm, z: 0.00 m

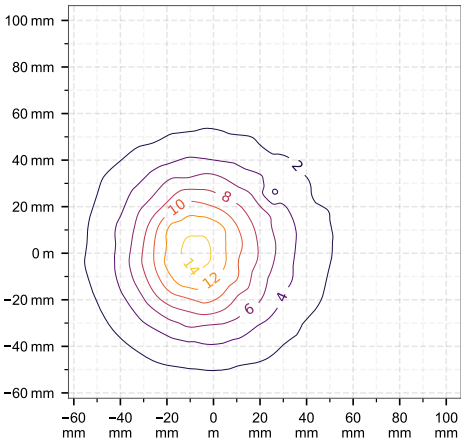
Distance to -20.0 dB boundary:
51.33 mm

Offset relative to DUT:
x: 36.70 mm, y: 36.70 mm, 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	26.5	18.2	0.218	0.222	0.223	0.143	0.0214	0.0122	52.8

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]	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	26.5	18.2	1.22	0.0122	26.5	18.2	0.144	0.0122	26.5	18.2	0.679	0.0122	26.5	18.2	N/A	0.0214	26.5	18.2	1.76	0.0214
Coverage factors: w _{E_{ind}, cube avg.} = [5.59], w _{E_{ind}, local} = [7.90], w _{E_{ind}, line avg.} = [3.04]																				

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	ERL	DRL	MPE	BR	RL	BR	RL	BR	RL	BR
0.00	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	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	1.26	0.79	2.88	0.64	0.06	<0.01	15.31	3.68	0.52	<0.01	10.16	0.11	0.39	0.13	0.02	<0.01	116.3	0.69	N/A	<0.01
Coverage factors: w _{E_{ind}, cube avg.} = [5.59], w _{E_{ind}, local} = [7.90], w _{E_{ind}, line avg.} = [3.04]																				

DASY8 Module WPT Measurement Report

Device under test

Info:
02_Flip_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, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 80.31 mm, y: -25.67 mm, z: 43.33 mm

Dimensions:
x: 168.7 mm, y: 169.0 mm, z: 36.7 mm

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

Completed on:
2025/12/04

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 13.89 A/m
x: 1.37 A/m, y: 745.99 mA/m, z: 13.80 A/m

Maximum H-field location relative to DUT:
x: -18.33 mm, y: -25.67 mm, z: 8.50 mm

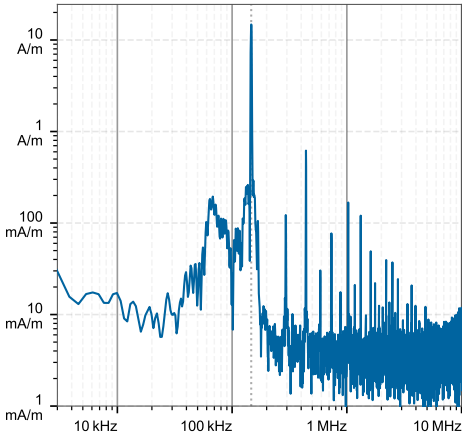
Maximum E-field [RMS]:
MAGNITUDE: 18.53 V/m
x: 1.42 V/m, y: 196.14 mV/m, z: 18.47 V/m

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

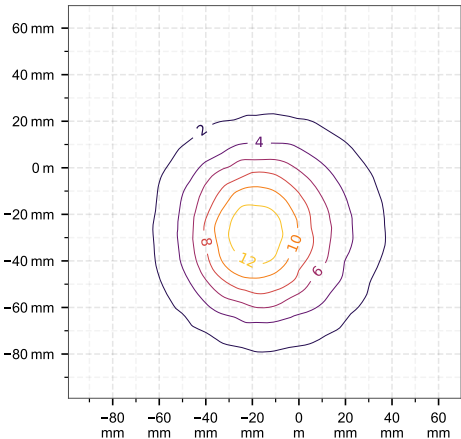
Distance to -20.0 dB boundary:
51.33 mm

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	24.9	18.5	0.185	0.188	0.188	0.123	0.0155	8.98e-3	51.9

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]	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	24.9	18.5	1.03	8.98e-3	24.9	18.5	0.123	8.98e-3	24.9	18.5	0.572	8.98e-3	24.9	18.5	N/A	0.0155	24.9	18.5	1.48	0.0155

Coverage factors: $w_{E_{ind, cube avg.}} = [5.58]$, $w_{E_{ind, local}} = [7.88]$, $w_{E_{ind, line avg.}} = [3.03]$

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	1.19	0.75	1.16	0.13	0.05	<0.01	4.99	1.25	0.43	<0.01	0.15	0.10	0.16	0.04	0.02	<0.01	15.3	0.26	N/A	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [5.58]$, $w_{E_{ind, local}} = [7.88]$, $w_{E_{ind, line avg.}} = [3.03]$