

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Top_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: 123.92 mm, y: 15.81 mm, z: 194.66 mm

Dimensions:
x: 169.1 mm, y: 344.0 mm, z: 37.0 mm

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

Completed on:
2025/09/16

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 22.06 A/m
x: 1.24 A/m, y: 21.14 A/m, z: 6.16 A/m

Maximum H-field location relative to DUT:
x: 20.33 mm, y: 35.00 mm, z: 8.50 mm

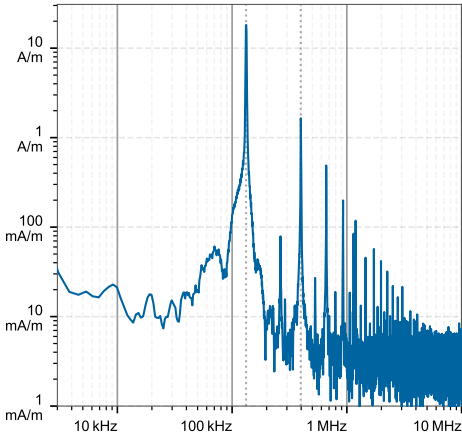
Maximum E-field [RMS]:
MAGNITUDE: 11.33 V/m
x: 516.18 mV/m, y: 594.94 mV/m, z: 11.31 V/m

Maximum E-field location relative to DUT:
x: 24.00 mm, y: 68.00 mm, z: 0.00 m

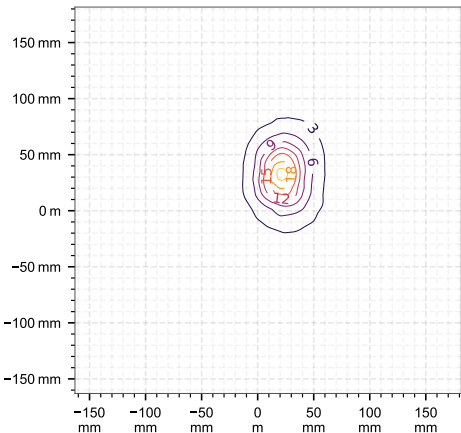
Distance to -20.0 dB boundary:
42.76 mm

Offset relative to DUT:
x: 24.00 mm, y: 24.00 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	46.3	11.3	0.37	0.378	0.38	0.233	0.0512	0.0219	41.6

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	46.3	11.3	2.00	0.0219	46.3	11.3	0.233	0.0219	46.3	11.3	1.13	0.0219	46.3	11.3	N/A	0.0512	46.3	11.3	2.90	0.0512
Coverage factors: w _{E_{ind}, cube avg.} = [5.42], w _{E_{ind}, local} = [7.66], w _{E_{ind}, line avg.} = [2.97]																				

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	2.44	1.42	1.11	0.52	0.12	<0.01	10.4	1.46	0.96	<0.01	10.31	0.19	0.15	0.08	0.04	<0.01	128.8	0.45	N/A	<0.01
Coverage factors: w _{E_{ind}, cube avg.} = [5.42], w _{E_{ind}, local} = [7.66], w _{E_{ind}, line avg.} = [2.97]																				

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, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: -280.00 μm , y: -67.12 mm, z: 38.61 mm

Dimensions:
x: 212.3 mm, y: 344.5 mm, z: 36.7 mm

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

Completed on:
2025/09/16

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 101.66 A/m

x: 4.36 A/m, y: 97.30 A/m, z: 29.12 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: 7.11 V/m

x: 5.16 V/m, y: 2.58 V/m, z: 4.16 V/m

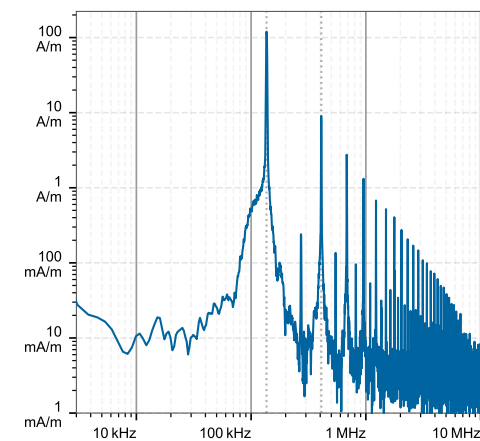
Maximum E-field location relative to DUT:
x: 7.33 mm, y: 7.33 mm, z: 0.00 m

Distance to -20.0 dB boundary:
29.33 mm

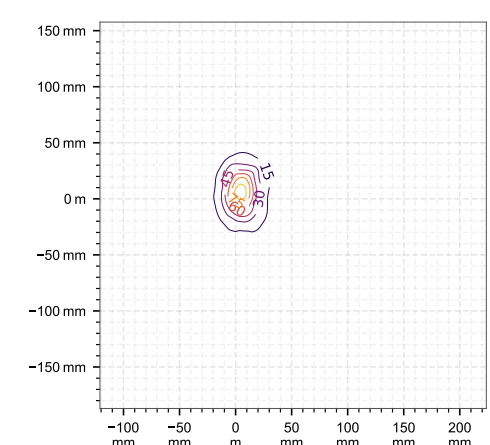
Offset relative to DUT:

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	230	7.11	1.28	1.31	1.32	0.764	0.510	0.178	30.2

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]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	230	7.11	6.70	0.178	230	7.11	0.765	0.178	230	7.11	3.82	0.178	230	7.11	N/A	0.510	230	7.11	9.76	0.510

Coverage factors: $w_{E_{\text{ind, cube avg.}}} = [5.25]$, $w_{E_{\text{ind, local}}} = [7.42]$, $w_{E_{\text{ind, line avg.}}} = [2.89]$

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	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR
0.00	11.8	6.56	4.16	6.85	0.40	<0.01	147.9	6.24	3.12	<0.01	1.51	0.88	0.56	0.89	0.15	<0.01	142.0	1.31	N/A	<0.01

Coverage factors: $w_{E_{\text{ind, cube avg.}}} = [5.25]$, $w_{E_{\text{ind, local}}} = [7.42]$, $w_{E_{\text{ind, line avg.}}} = [2.89]$