

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Front_0mm_Top Coil

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: -84.10 mm, y: 15.75 mm, z: 59.70 mm

Dimensions:
x: 124.6 mm, y: 124.6 mm, z: 36.8 mm

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

Completed on:
2025/02/09

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 104.68 A/m
x: 11.47 A/m, y: 83.56 A/m, z: 62.01 A/m

Maximum H-field location relative to DUT:
x: 11.00 mm, y: 18.33 mm, z: 8.50 mm

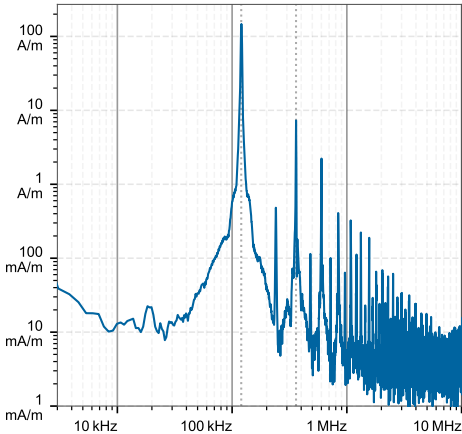
Maximum E-field [RMS]:
MAGNITUDE: 16.74 V/m
x: 6.54 V/m, y: 3.11 V/m, z: 15.09 V/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: 14.67 mm, z: 0.00 mm

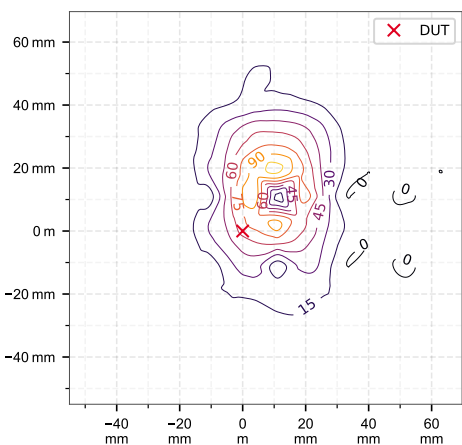
Distance to -20.0 dB boundary:
23.19 mm

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
	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	208	16.7	1.09	1.12	1.13	0.664	0.396	0.139	32.7

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]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	208	16.7	5.77	0.139	208	16.7	0.665	0.139	208	16.7	3.28	0.139	208	16.7	N/A	0.396	208	16.7	8.38	0.396

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.29]$, $w_{E_{ind}, local} = [7.47]$, $w_{E_{ind}, line\ avg.} = [2.91]$

Compliance evaluation (Exposure ratios)

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	9.9	5.26	0.20	<0.01	0.35	<0.01	141.6	4.44	2.72	<0.01	1.28	0.71	0.03	0.01	0.13	<0.01	128.00	0.03	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.29]$, $w_{E_{ind}, local} = [7.47]$, $w_{E_{ind}, line\ avg.} = [2.91]$

DASY8 Module WPT Measurement Report

Device under test

Info:
02_Front_0mm_Bottom Coil

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: 134.80 mm, y: -16.52 mm, z: 59.21 mm

Dimensions:
x: 124.2 mm, y: 124.6 mm, z: 36.3 mm

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

Completed on:
2025/02/09

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 95.54 A/m
x: 19.19 A/m, y: 38.26 A/m, z: 85.41 A/m

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

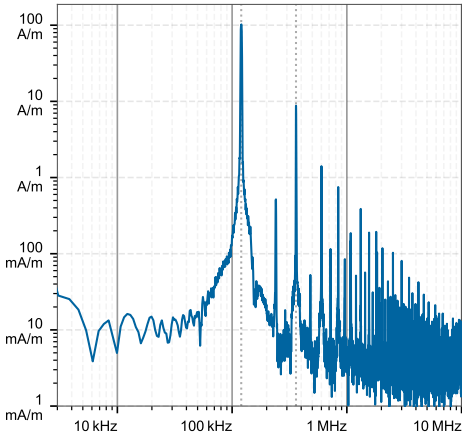
Maximum E-field [RMS]:
MAGNITUDE: 8.57 V/m
x: 5.20 V/m, y: 2.46 V/m, z: 6.36 V/m

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

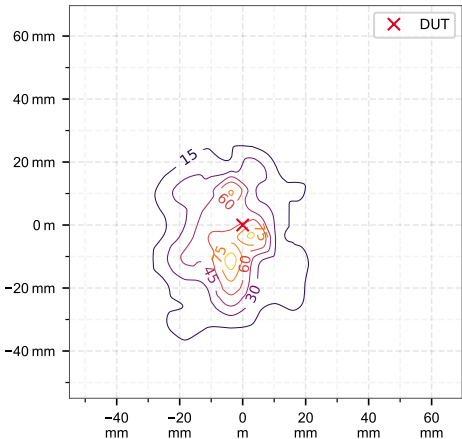
Distance to -20.0 dB boundary:
29.33 mm

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
	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	179	8.57	0.859	0.895	0.896	0.489	0.205	0.0688	29.9

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]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	179	8.57	4.51	0.0688	179	8.57	0.49	0.0688	179	8.57	2.59	0.0688	179	8.57	N/A	0.205	179	8.57	6.63	0.205

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.25]$, $w_{E_{ind}, local} = [7.41]$, $w_{E_{ind}, line\ avg.} = [2.89]$

Compliance evaluation (Exposure ratios)

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	8.53	4.4	>999	938.0	0.46	<0.01	135.8	449.0	11.2	<0.01	1.1	0.59	142.0	>999	0.22	<0.01	110.0	0.38.2	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.25]$, $w_{E_{ind}, local} = [7.41]$, $w_{E_{ind}, line\ avg.} = [2.89]$