

DASY8 Module WPT Measurement Report

Device under test

Info:
1_Back_200mm

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: 54.65 mm, y: 9.88 mm, z: 369.85 mm

Dimensions:
x: 212.4 mm, y: 257.0 mm, z: 37.0 mm

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

Completed on:
2025/05/14

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 129.11 mA/m
x: 24.64 mA/m, y: 51.62 mA/m, z: 115.75 mA/m

Maximum H-field location relative to DUT:
x: 25.67 mm, y: -11.00 mm, z: 200.00 mm

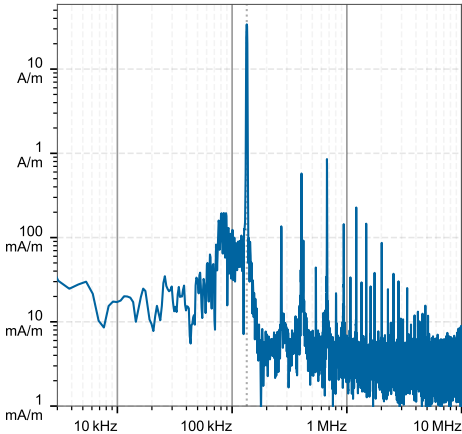
Maximum E-field [RMS]:
MAGNITUDE: 604.59 mV/m
x: 74.41 mV/m, y: 13.78 mV/m, z: 599.84 mV/m

Maximum E-field location relative to DUT:
x: 0.00 m, y: -44.00 mm, z: 0.00 m

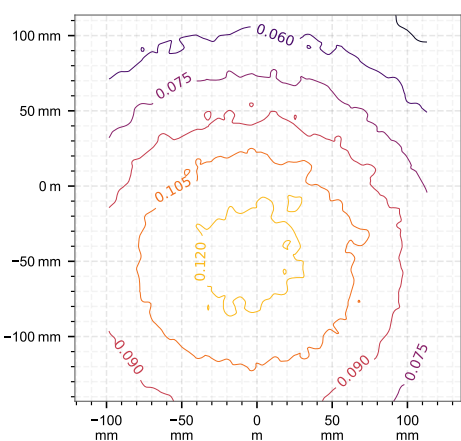
Distance to -20.0 dB boundary:
NaN

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 192.50 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]
200	0.126	0.572	6.94e-3	6.99e-3	6.98e-3	5.03e-3	3.15e-5	2.6e-5	133

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]
200	0.126	0.572	0.0471	2.6e-5	0.126	0.572	5.04e-3	2.6e-5	0.126	0.572	0.0248	2.6e-5	0.126	0.572	N/A	3.15e-5	0.126	0.572	0.0670	3.15e-5

Coverage factors: $w_{E_{ind, cube avg.}} = [6.79]$, $w_{E_{ind, local}} = [9.59]$, $w_{E_{ind, line avg.}} = [3.55]$

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
200	<0.01	<0.01	0.01	<0.01	<0.01	0.03	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	10.08	<0.01	N/A	<0.01	<0.01

Coverage factors: $w_{E_{ind, cube avg.}} = [6.79]$, $w_{E_{ind, local}} = [9.59]$, $w_{E_{ind, line avg.}} = [3.55]$

DASY8 Module WPT Measurement Report

Device under test

Info:
2_Edge3_200mm

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: 112.28 mm, **y**: -9.42 mm, **z**: 312.73 mm

Dimensions:
x: 212.7 mm, **y**: 300.0 mm, **z**: 37.0 mm

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

Completed on:
2025/05/14

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 65.35 mA/m
x: 644.98 μ A/m, **y**: 59.12 mA/m, **z**: 27.84 mA/m

Maximum H-field location relative to DUT:
x: -18.33 mm, **y**: -99.00 mm, **z**: 200.00 mm

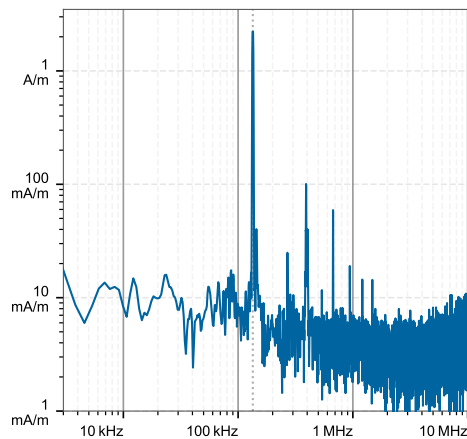
Maximum E-field [RMS]:
MAGNITUDE: 981.44 mV/m
x: 88.37 mV/m, **y**: 33.85 mV/m, **z**: 976.87 mV/m

Maximum E-field location relative to DUT:
x: -29.33 mm, **y**: -44.00 mm, **z**: 0.00 m

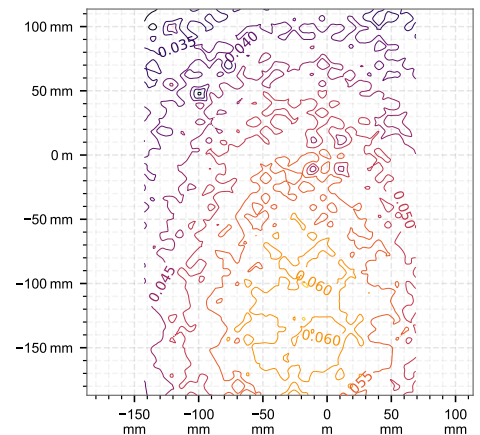
Distance to -20.0 dB boundary:
NaN

Offset relative to DUT:
x: 0.00 m, **y**: 0.00 m, **z**: 192.50 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]
200	0.0644	0.933	2.35e-3	2.38e-3	2.37e-3	1.70e-3	3.55e-6	3.15e-6	143

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]
200	0.0644	0.933	0.0164	3.15e-6	0.0644	0.933	1.73e-3	3.15e-6	0.0644	0.933	8.61e-3	3.15e-6	0.0644	0.933	N/A	3.55e-6	0.0644	0.933	0.0234	3.55e-6

Coverage factors: $w_{E_{ind, cube avg.}} = [6.95]$, $w_{E_{ind, local}} = [9.82]$, $w_{E_{ind, line avg.}} = [3.62]$

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	TH	NS	TH	NS	TH	
200	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	10.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	10.04	<0.01	N/A	<0.01	<0.01	10.01	0.02	N/A	<0.01	<0.01				

Coverage factors: $w_{E_{ind, cube avg.}} = [6.95]$, $w_{E_{ind, local}} = [9.82]$, $w_{E_{ind, line avg.}} = [3.62]$