DASY8 Module WPT Measurement Report

Device under test

Info:
01_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: 98.25 mm, **Y:** 33.16 mm, **Z:** 81.11 mm

Dimensions:
X: 168.8 mm, **Y:** 257.0 mm, **Z:** 36.4 mm

Resolution:
X: 7.33 mm, **Y:** 7.33 mm, **Z:** 7.33 mm

Completed on:
2025/05/09

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 817.31 mA/m
X: 257.66 mA/m, **Y:** 60.25 mA/m, **Z:** 773.28 mA/m

Maximum H-field location relative to DUT:
X: -47.67 mm, **Y:** 25.67 mm, **Z:** 8.50 mm

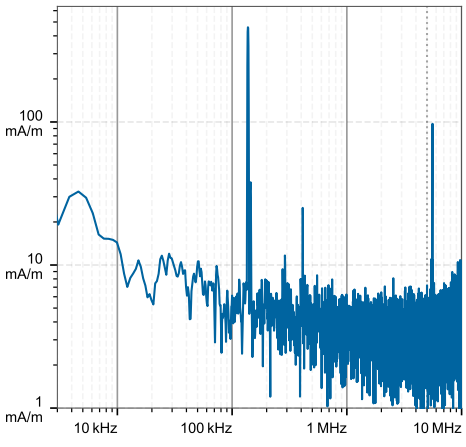
Maximum E-field [RMS]:
MAGNITUDE: 21.31 V/m
X: 1.07 V/m, **Y:** 911.86 mV/m, **Z:** 21.26 V/m

Maximum E-field location relative to DUT:
X: 14.67 mm, **Y:** 51.33 mm, **Z:** 0.00 m

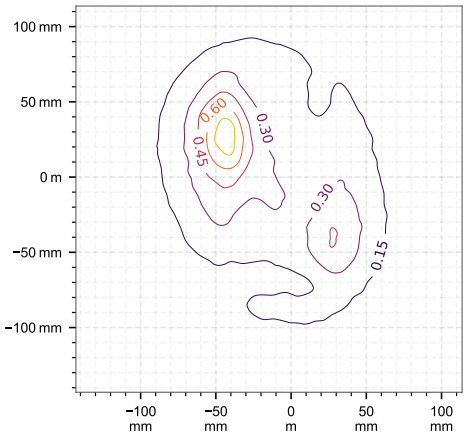
Distance to -20.0 dB boundary:
63.08 mm

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

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m^2, RMS]	psSAR [mW/kg]		H-field extent
Distance [mm]	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	1.64	21.3	0.0110	0.0112	0.0112	7.51e-3	6.16e-5	4.02e-5	82.9

Compliance evaluation (Field values at the peak frequency)

	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]	
Distance [mm]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m^2]	psSAR [mW/kg]	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]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
0.00	1.64	21.3	0.0673	4.07e-5	1.64	21.3	8.13e-3	4.07e-5	1.64	21.3	0.0371	4.07e-5	1.64	21.3	N/A	6.21e-5	1.64	21.3	0.0962	6.21e-5

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [6.04], $w_{E_{ind,\ local}}$ = [8.54], $w_{E_{ind,\ line\ avg.}}$ = [3.23]

Compliance evaluation (Exposure ratios) *(with multi-frequency enhancement, total field evaluation, coverage evaluation)*

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH
0.00	0.08	0.05	>999	>999	0.44	<0.01	0.33	>999	22.0	<0.01	0.01	<0.01	339.0	>999	0.28	<0.01	1.01	100.0	N/A	<0.01	0.02	0.31	>999	N/A	0.44	<0.01

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [6.04], $w_{E_{ind,\ local}}$ = [8.54], $w_{E_{ind,\ line\ avg.}}$ = [3.23]

Simulation performed at 2025/05/09 using Sim4Life version 8.0.1.15737

DASY8 Module WPT Measurement Report

Device under test

Info:
02_Left Edge_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: 139.96 mm, **Y:** 41.63 mm, **Z:** 134.53 mm

Dimensions:
X: 125.0 mm, **Y:** 256.0 mm, **Z:** 37.0 mm

Resolution:
X: 7.33 mm, **Y:** 7.33 mm, **Z:** 7.33 mm

Completed on:
2025/05/09

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 1.21 A/m
X: 492.07 mA/m, **Y:** 101.63 mA/m, **Z:** 1.10 A/m

Maximum H-field location relative to DUT:
X: -33.00 mm, **Y:** 25.67 mm, **Z:** 8.50 mm

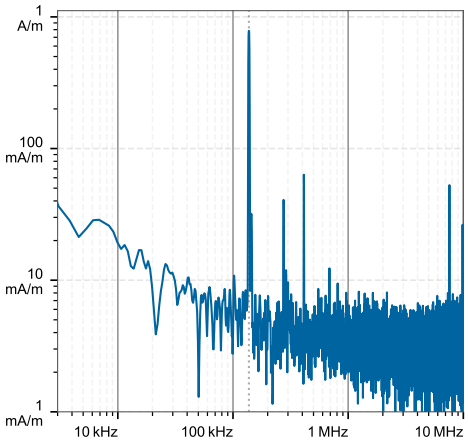
Maximum E-field [RMS]:
MAGNITUDE: 6.80 V/m
X: 1.18 V/m, **Y:** 282.11 mV/m, **Z:** 6.69 V/m

Maximum E-field location relative to DUT:
X: -44.00 mm, **Y:** 44.00 mm, **Z:** 0.00 m

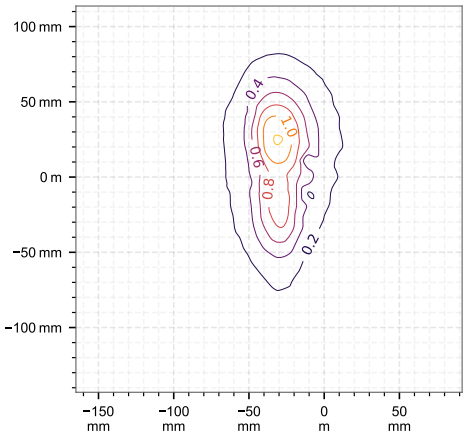
Distance to -20.0 dB boundary:
49.19 mm

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 homogeneous phantom at the peak frequency

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m^2, RMS]	psSAR [mW/kg]		H-field extent
Distance [mm]	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	2.45	6.80	0.0141	0.0144	0.0145	9.22e-3	8.61e-5	6.23e-5	54.8

Compliance evaluation (Field values at the peak frequency)

	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]	
Distance [mm]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]	pH_{inc} [A/m]	pE_{inc} [V/m]	pJ_{ind} [A/m^2]	psSAR [mW/kg]	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]	pH_{inc} [A/m]	pE_{inc} [V/m]	pE_{ind} [V/m]	psSAR [mW/kg]
0.00	2.45	6.80	0.0798	6.23e-5	2.45	6.80	9.42e-3	6.23e-5	2.45	6.80	0.0445	6.23e-5	2.45	6.80	N/A	8.62e-5	2.45	6.80	0.115	8.62e-5

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.62], $w_{E_{ind,\ local}}$ = [7.94], $w_{E_{ind,\ line\ avg.}}$ = [3.05]

Compliance evaluation (Exposure ratios) *(with multi-frequency enhancement, total field evaluation, coverage evaluation)*

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC						HC Code 6			
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH
0.00	0.12	0.07	0.16	0.24	<0.01	<0.01	0.49	0.23	0.03	<0.01	0.02	<0.01	0.02	0.06	<0.01	<0.01	1.5	0.05	N/A	<0.01	0.03	0.46	0.16	N/A	<0.01	<0.01

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.62], $w_{E_{ind,\ local}}$ = [7.94], $w_{E_{ind,\ line\ avg.}}$ = [3.05]

Simulation performed at 2025/05/09 using Sim4Life version 8.0.1.15737