DASY8 Module WPT Measurement Report

Device under test

Info:
1_Front_0mm

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: 118.93 mm, **Y:** -51.21 mm, **Z:** 27.80 mm

Dimensions:
X: 169.1 mm, **Y:** 256.5 mm, **Z:** 36.7 mm

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

Completed on:
2024/10/17

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 371.56 mA/m
X: 106.96 mA/m, **Y:** 178.48 mA/m, **Z:** 307.83 mA/m

Maximum H-field location relative to DUT:
X: -40.33 mm, **Y:** -18.33 mm, **Z:** 8.50 mm

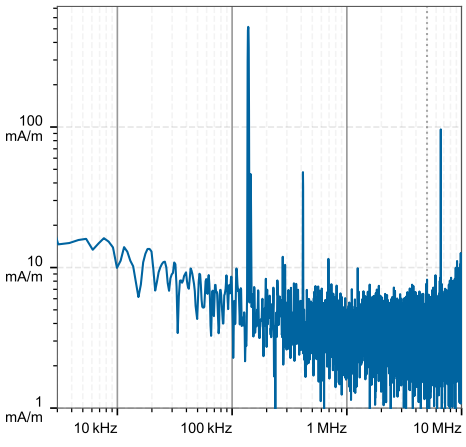
Maximum E-field [RMS]:
MAGNITUDE: 30.80 V/m
X: 1.57 V/m, **Y:** 626.09 mV/m, **Z:** 30.76 V/m

Maximum E-field location relative to DUT:
X: 14.67 mm, **Y:** -44.00 mm, **Z:** 0.00 m

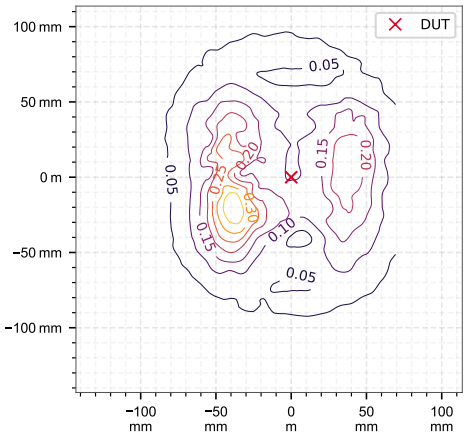
Distance to -20.0 dB boundary:
49.19 mm

Offset relative to DUT:
X: 0.00 m, **Y:** 0.00 m, **Z:** 1.00 mm

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeous 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	0.847	30.8	6.21e-3	6.34e-3	6.33e-3	4.08e-3	1.66e-5	8.80e-6	78.9

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	0.847	30.8	0.0383	9.84e-6	0.847	30.8	4.96e-3	9.84e-6	0.847	30.8	0.0215	9.84e-6	0.847	30.8	N/A	1.77e-5	0.847	30.8	0.0547	1.77e-5

Coverage factors: $w_{E_{ind,\,cube\,avg.}}$ = [5.98], $w_{E_{ind,\,local}}$ = [8.45], $w_{E_{ind,\,line\,avg.}}$ = [3.21]

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	0.04	0.02	0.37	0.01	<0.01	<0.01	0.17	0.35	0.02	<0.01	<0.01	<0.01	0.05	0.02	<0.01	<0.01	0.52	0.05	N/A	<0.01	<0.01	0.16	0.37	0.13	<0.01	<0.01

Coverage factors: $w_{E_{ind,\,cube\,avg.}}$ = [5.98], $w_{E_{ind,\,local}}$ = [8.45], $w_{E_{ind,\,line\,avg.}}$ = [3.21]

simulation performed at 2024/10/17 using Sim4Life version 8.0.1.15446

DASY8 Module WPT Measurement Report

Device under test

Info:
2_Left Edge_0mm

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: 82.33 mm, **Y:** -95.01 mm, **Z:** 77.66 mm

Dimensions:
X: 168.7 mm, **Y:** 256.7 mm, **Z:** 36.8 mm

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

Completed on:
2024/10/17

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 870.37 mA/m
X: 208.81 mA/m, **Y:** 374.99 mA/m, **Z:** 757.18 mA/m

Maximum H-field location relative to DUT:
X: 3.67 mm, **Y:** 3.67 mm, **Z:** 8.50 mm

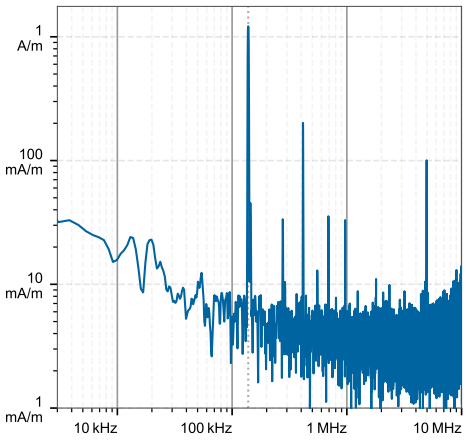
Maximum E-field [RMS]:
MAGNITUDE: 9.28 V/m
X: 1.40 V/m, **Y:** 103.89 mV/m, **Z:** 9.18 V/m

Maximum E-field location relative to DUT:
X: 14.67 mm, **Y:** 58.67 mm, **Z:** 0.00 m

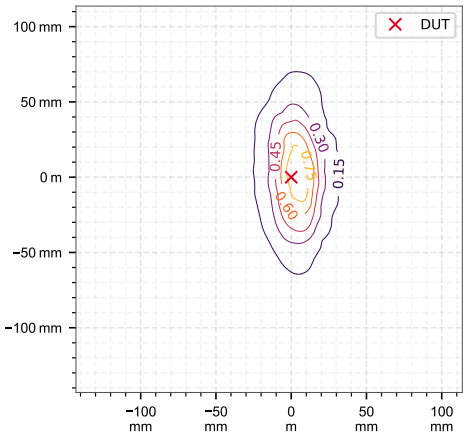
Distance to -20.0 dB boundary:
37.39 mm

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

	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	2.26	9.28	9.22e-3	9.44e-3	9.34e-3	6.1e-3	3.82e-5	2.13e-5	42.2

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	2.26	9.28	0.0504	2.14e-5	2.26	9.28	6.37e-3	2.14e-5	2.26	9.28	0.0281	2.14e-5	2.26	9.28	N/A	3.83e-5	2.26	9.28	0.0728	3.83e-5

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.43], $w_{E_{ind,\ local}}$ = [7.67], $w_{E_{ind,\ line\ avg.}}$ = [2.97]

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	0.11	0.06	1.84	0.75	<0.01	<0.01	0.45	1.77	0.04	<0.01	0.01	<0.01	0.25	0.15	<0.01	<0.01	1.38	0.25	N/A	<0.01	0.03	0.43	1.84	4.38	<0.01	<0.01

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.43], $w_{E_{ind,\ local}}$ = [7.67], $w_{E_{ind,\ line\ avg.}}$ = [2.97]

Simulation performed at 2024/10/17 using Sim4Life version 8.0.1.15446

DASY8 Module WPT Measurement Report

Device under test

Info:
3_Right Edge_0mm

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: 103.68 mm, **Y:** -51.96 mm, **Z:** 78.26 mm

Dimensions:
X: 168.3 mm, **Y:** 256.7 mm, **Z:** 36.2 mm

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

Completed on:
2024/10/17

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 829.35 mA/m
X: 232.53 mA/m, **Y:** 299.88 mA/m, **Z:** 737.45 mA/m

Maximum H-field location relative to DUT:
X: -3.67 mm, **Y:** -18.33 mm, **Z:** 8.50 mm

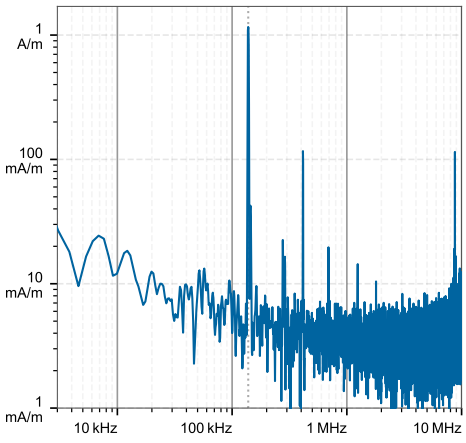
Maximum E-field [RMS]:
MAGNITUDE: 6.16 V/m
X: 660.26 mV/m, **Y:** 309.54 mV/m, **Z:** 6.11 V/m

Maximum E-field location relative to DUT:
X: -29.33 mm, **Y:** -44.00 mm, **Z:** 0.00 m

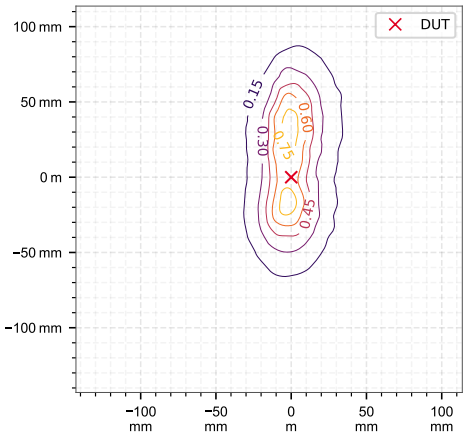
Distance to -20.0 dB boundary:
42.76 mm

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 homogeous 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	1.71	6.16	0.0149	0.0153	0.0152	9.65e-3	9.18e-5	4.73e-5	52.4

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	1.71	6.16	0.0835	4.73e-5	1.71	6.16	9.83e-3	4.73e-5	1.71	6.16	0.0465	4.73e-5	1.71	6.16	N/A	9.18e-5	1.71	6.16	0.121	9.18e-5

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.59], $w_{E_{ind,\ local}}$ = [7.89], $w_{E_{ind,\ line\ avg.}}$ = [3.04]

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	185.0	210.0	0.04	<0.01	0.34	87.0	1.65	<0.01	0.01	<0.01	25.0	501.0	0.02	<0.01	1.05	8.55	N/A	<0.01	0.02	0.32	185.0	>999	0.04	<0.01

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.59], $w_{E_{ind,\ local}}$ = [7.89], $w_{E_{ind,\ line\ avg.}}$ = [3.04]

simulation performed at 2024/10/17 using Sim4Life version 8.0.1.15446