

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil35085_1023

Tool info

DASY software version:
DASY8 Module WPT 3.2.0.6673

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
3.2.9, backend: 3.2.20

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: 82.44 mm, y: -102.00 mm, z: 38.64 mm

Dimensions:
x: 389.0 mm, y: 521.0 mm, z: 36.7 mm

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

Completed on:
2026/01/28

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 136.78 A/m
x: 27.33 A/m, y: 119.95 A/m, z: 59.76 A/m

Maximum H-field location relative to DUT:
x: 25.67 mm, y: -172.33 mm, z: 8.50 mm

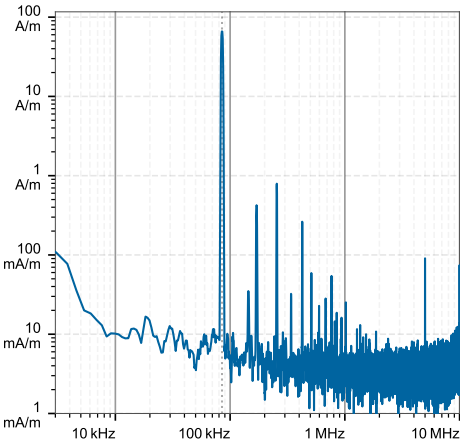
Maximum E-field [RMS]:
MAGNITUDE: 270.35 V/m
x: 11.22 V/m, y: 3.32 V/m, z: 270.10 V/m

Maximum E-field location relative to DUT:
x: 95.33 mm, y: 146.67 mm, z: 0.00 m

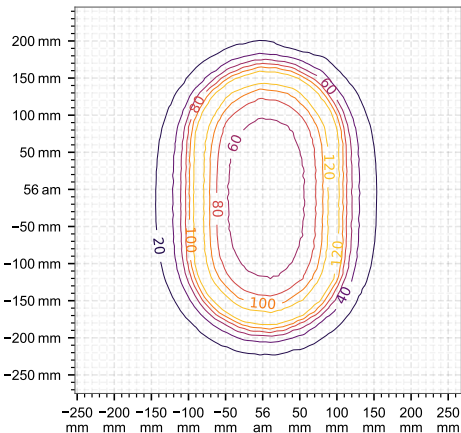
Distance to -20.0 dB boundary:
60.47 mm

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	215	270	3.45	3.48	3.49	2.43	6.98	5.21	182
2.00	195	247	3.25	3.28	3.29	2.30	6.26	4.74	184

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]		
	ρH_{inc}	ρE_{inc}	ρE_{ind}	psSAR	ρH_{inc}	ρE_{inc}	ρJ_{ind}	psSAR	ρH_{inc}	ρE_{inc}	ρE_{ind}	psSAR	ρH_{inc}	ρE_{inc}	ρE_{ind}	psSAR	ρH_{inc}	ρE_{inc}	ρE_{ind}	psSAR
	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0.00	215	270	26.0	5.21	215	270	2.44	5.21	215	270	13.5	5.21	215	270	N/A	6.98	215	270	37.0	6.98
2.00	195	247	24.6	4.74	195	247	2.30	4.74	195	247	12.8	4.74	195	247	N/A	6.26	195	247	35.1	6.26

Coverage factors: $w_{E_{ind, cube avg.}} = [7.53, 7.56]$, $w_{E_{ind, local}} = [10.63, 10.68]$, $w_{E_{ind, line avg.}} = [3.87, 3.88]$

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
	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	10.2	N/A	11.9	N/A	2.27	N/A	43.0	11.3	14.4	N/A	1.32	N/A	1.6	N/A	0.76	N/A	2.39	6.9	N/A	N/A	2.39	N/A	11.9	N/A	3.23	N/A
2.00	9.29	N/A	10.8	N/A	2.15	N/A	39.0	10.3	13.6	N/A	1.2	N/A	1.46	N/A	0.72	N/A	2.17	6.31	N/A	N/A	2.17	N/A	10.8	N/A	3.06	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.53, 7.56]$, $w_{E_{ind, local}} = [10.63, 10.68]$, $w_{E_{ind, line avg.}} = [3.87, 3.88]$