

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil35085_1023

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

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

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 73.91 mm, y: -21.33 mm, z: 36.67 mm

Dimensions:
x: 345.0 mm, y: 520.0 mm, z: 36.6 mm

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

Completed on:
2025/12/30

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 134.47 A/m
x: 108.23 A/m, y: 54.56 A/m, z: 58.24 A/m

Maximum H-field location relative to DUT:
x: 69.67 mm, y: -128.33 mm, z: 8.50 mm

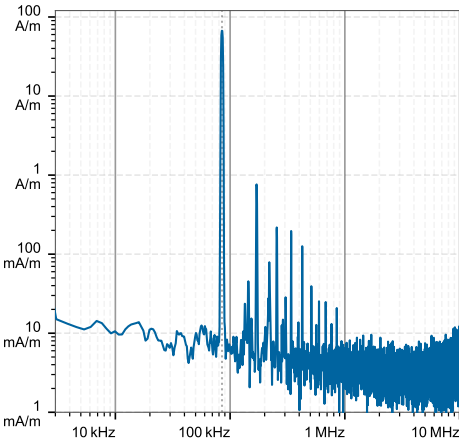
Maximum E-field [RMS]:
MAGNITUDE: 235.64 V/m
x: 7.35 V/m, y: 4.11 V/m, z: 235.49 V/m

Maximum E-field location relative to DUT:
x: 88.00 mm, y: 146.67 mm, z: 0.00 m

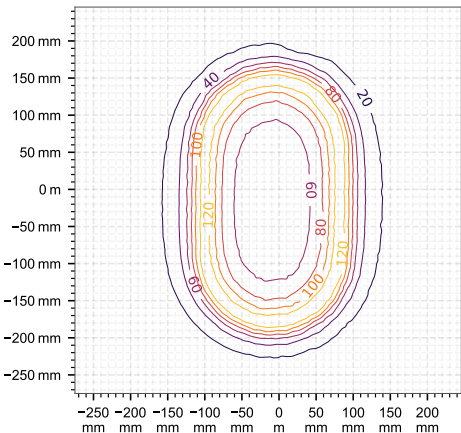
Distance to -20.0 dB boundary:
65.59 mm

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	211	236	3.52	3.55	3.56	2.48	7.26	5.47	182
2.00	192	217	3.32	3.35	3.36	2.34	6.53	4.98	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]	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]
0.00	211	236	3.52	5.47	211	236	2.48	5.47	211	236	3.56	5.47	211	236	N/A	7.26	211	236	3.56	7.26
2.00	192	217	3.33	4.98	192	217	2.35	4.98	192	217	3.36	4.98	192	217	N/A	6.53	192	217	3.36	6.53

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field 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
	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH
0.00	10.1	N/A	10.3	N/A	0.31	N/A	42.2	10.9	14.7	N/A	1.3	N/A	1.4	N/A	0.20	N/A	2.35	5.83	N/A	N/A
2.00	9.13	N/A	9.5	N/A	0.29	N/A	38.4	10.0	13.9	N/A	1.18	N/A	1.28	N/A	0.19	N/A	2.13	5.36	N/A	N/A