

DASY8 Module WPT Measurement Report

Device under test

Info:
V-Coil35085

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: 106.86 mm, y: -115.62 mm, z: 37.02 mm

Dimensions:
x: 433.0 mm, y: 521.0 mm, z: 36.7 mm

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

Completed on:
2024/09/10

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128.81 A/m
x: 96.80 A/m, y: 64.99 A/m, z: 54.75 A/m

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

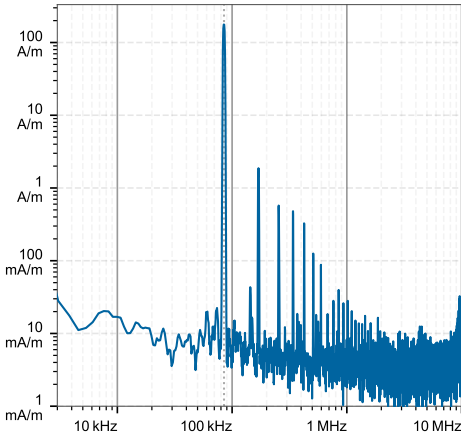
Maximum E-field [RMS]:
MAGNITUDE: 178.54 V/m
x: 10.39 V/m, y: 4.38 V/m, z: 178.19 V/m

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

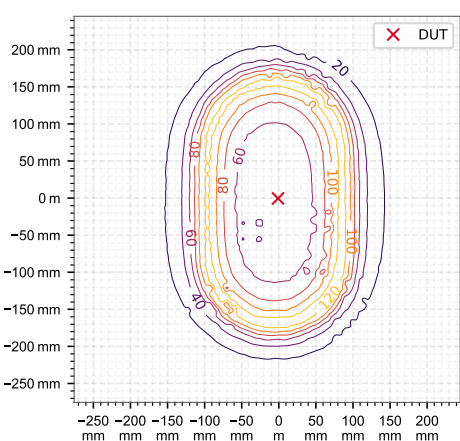
Distance to -20.0 dB boundary:
52.88 mm

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

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	198	179	3.35	3.38	3.39	2.36	6.55	4.90	184
2.00	181	165	3.16	3.19	3.20	2.23	5.87	4.46	186

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	198	179	3.36	4.90	198	179	2.37	4.90	198	179	3.40	4.90	198	179	N/A	6.55	198	179	3.39	6.55
2.00	181	165	3.16	4.46	181	165	2.23	4.46	181	165	3.20	4.46	181	165	N/A	5.87	181	165	3.19	5.87

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
0.00	9.41	N/A	7.54	N/A	0.29	N/A	39.5	6.7	14.0	N/A	1.21	N/A	1.02	N/A	0.19	N/A	2.2	4.52	N/A	N/A
2.00	8.6	N/A	6.98	N/A	0.28	N/A	36.1	6.2	13.2	N/A	1.11	N/A	0.94	N/A	0.18	N/A	2.01	4.18	N/A	N/A