

DASY8 Module WPT Measurement Report

Device under test

Info:
VCoil35085

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:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 60.91 mm, y: -149.23 mm, z: 36.65 mm

Dimensions:
x: 433.0 mm, y: 520.4 mm, z: 36.7 mm

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

Completed on:
2024/06/11

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128.98 A/m
x: 65.86 A/m, y: 94.50 A/m, z: 58.05 A/m

Maximum H-field location relative to DUT:
x: 55.00 mm, y: -143.00 mm, z: 8.50 mm

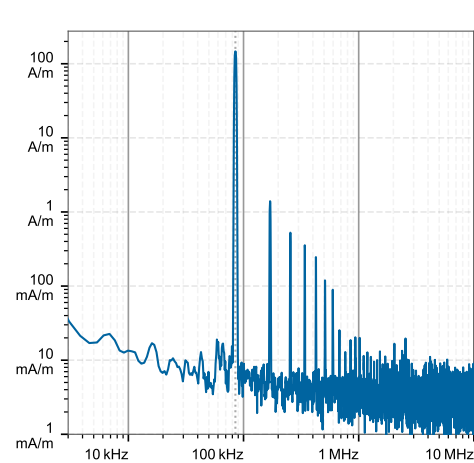
Maximum E-field [RMS]:
MAGNITUDE: 199.84 V/m
x: 9.05 V/m, y: 7.62 V/m, z: 199.49 V/m

Maximum E-field location relative to DUT:
x: 88.00 mm, y: 176.00 mm, z: 0.00 mm

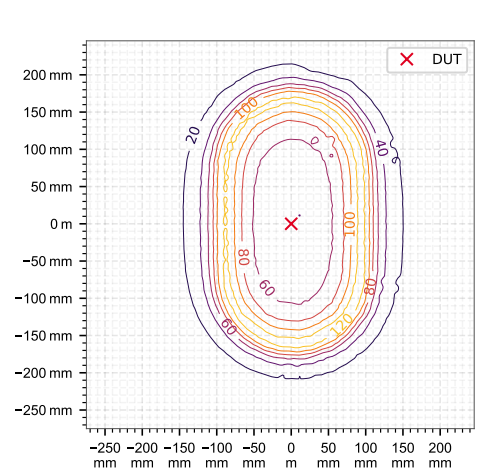
Distance to -20.0 dB boundary:
63.08 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at 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	195	200	3.34	3.37	3.38	2.36	6.56	4.91	184
2.00	178	183	3.15	3.18	3.19	2.23	5.88	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]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]	RL [RMS]	BR [RMS]
0.00	195	200	3.35	4.91	195	200	2.36	4.91	195	200	3.39	4.91	195	200	N/A	6.56	195	200	3.38	6.56
2.00	178	183	3.16	4.46	178	183	2.23	4.46	178	183	3.19	4.46	178	183	N/A	5.88	178	183	3.19	5.88

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	RL	BR	RL	BR	RL	BR	RL	BR
0.00	9.29	N/A	10.3	N/A	0.29	N/A	39.0	13.1	14.0	N/A	1.2	N/A	1.39	N/A	0.19	N/A	2.17	6.13	N/A	N/A
2.00	8.5	N/A	9.44	N/A	0.28	N/A	35.7	12.0	13.2	N/A	1.09	N/A	1.28	N/A	0.18	N/A	1.98	5.62	N/A	N/A