

Measurement Conditions

Software version	cDASY6 Module WPT	3.0.0.6328
	Notebook GUI	3.0.2.6
	Sim4Life	9.0.0
Scan setup	Grid dimensions	x: 477 mm, y: 389 mm, z: 36.7 mm
	Grid resolutions	dx, dy, dz: 7.33 mm
Nominal frequency	85 kHz	

Calibrated Quantities

Distance (relative to source surface) (mm)	Peak H-field (A/m)	Uncertainty (k=2) (dB)
0	215	1.13
2	196	1.13

Appendix (Additional assessments outside the scope of SCS 0108)

Peak values of induced fields¹

Distance (relative to source surface) (mm)	Induced peak current density, 1cm ² area avg. (A/m ²)	Induced peak E-field (V/m)			peak spatial SAR (mW/kg)	
		2mm cube avg.	Local	5mm line avg.	1g avg.	10g avg.
0	2.47	3.52	3.55	3.56	7.10	5.23
2	2.32	3.30	3.34	3.35	6.32	4.73

Voltage measurement

Total voltage (V)	Voltages at harmonics (dBc)
0.419	Highest harmonic: -33.1 2 nd highest harmonic: -47.3

¹ determined for a virtual half-space phantom with tissue properties $\epsilon_r = 55$, $\sigma = 0.75$ S/m, $\rho = 1000$ kg/m³ and a 2 mm thick phantom shell

Measurement report

cDASY6 Module WPT Measurement Report

Device under test

Info:
V-Coil350/85

Serial number:
1036

Scenario:
Source Calibration

Tool info

DASY software version:
cDASY6 Module WPT 3.0.0.6328

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000230, 2025/11/10

Software version:
3.0.22, backend: 3.0.22

Scan info

Center location:
x: -48.07 mm, y: -119.87 mm, z: 36.96 mm

Dimensions:
x: 477.0 mm, y: 388.8 mm, z: 36.6 mm

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

Completed on:
2025/11/14 09:33:09

Measurement results

Maximum H-field [rms]:

MAGNITUDE: 140.79 A/m

x: 121.27 A/m, y: 32.38 A/m, z: 63.79 A/m

Maximum H-field location relative to DUT:

x: 157.67 mm, y: 25.67 mm, z: 8.50 mm

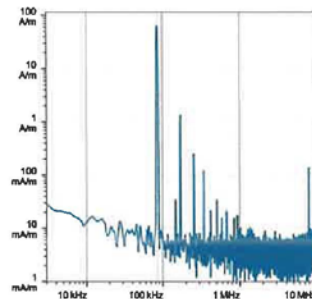
Distance to -20.0 dB boundary:

62.66 mm

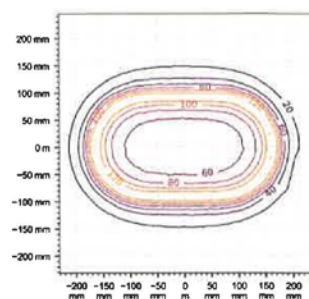
Offset relative to DUT:

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 ($f = 85.00$ kHz, $\sigma = 0.750$ S/m, tissue density = 1,000 kg/m³)

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	Sign	Vector potential	Warnings Boundary effect
	H_{inc} [A/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]			
0.00	215	3.52	3.55	3.56	2.47	7.10	5.23	181	1%	82%	35%
2.00	196	3.30	3.34	3.35	2.32	6.32	4.73	183	1%	82%	37%

Compliance evaluation (Field values at the peak frequency) ($f = 85.00$ kHz)

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]
	H_{inc} [A/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	J_{ind} [A/m ²]	psSAR [mW/kg]	H_{inc} [A/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{ind} [V/m]	psSAR [mW/kg]
0.00	215	3.52	5.23	215	2.47	5.23	215	3.56	5.23	215	N/A	7.10	215	3.55	7.10
2.00	196	3.30	4.73	196	2.32	4.73	196	3.35	4.73	196	N/A	6.32	196	3.34	6.32

Compliance evaluation (Exposure ratios) (ratios in dB)

Distance [mm]	ICNIRP 2010/2020			ICNIRP 1998			IEEE 2019			FCC			HC Code 6		
	RL		BR	RL		BR	ERL		DRL	MPE		BR	RL		BR
	H_{inc} NS	TH	E_{ind} NS	J_{ind} NS	TH	psSAR NS	H_{inc} NS	E_{ind} NS	psSAR NS	H_{inc} NS	E_{ind} NS	psSAR NS	H_{inc} NS	E_{ind} NS	psSAR TH
0.00	20.2	N/A	-10.3	N/A	32.7	23.2	2.4	N/A	-14.0	N/A	7.56	N/A	7.56	N/A	-10.2
2.00	19.4	N/A	-10.8	N/A	31.9	22.7	1.6	N/A	-14.5	N/A	6.76	N/A	6.76	N/A	-10.7

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