

cDASY6 Module WPT Measurement Report

Device under test

Info:
not self

Serial number:
not self

Scenario:
not self

Tool info

DASY software version:
cDASY6 Module WPT 2.4.0.4346

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, 2023/08/23

Software version:
2.0.49, backend: 2.2.3

Scan info

Center location:
X: -6,08 mm, Y: 76,49 mm, Z: 51,63 mm

Dimensions:
X: 169,0 mm, Y: 169,0 mm, Z: 36,7 mm

Resolution:
X: 7,33 mm, Y: 7,33 mm, Z: 7,33 mm

Completed on:
2024/04/17 09:10:53

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 123,52 A/m
X: 13,28 A/m, Y: 26,72 A/m, Z: 119,86 A/m

Maximum H-field location relative to DUT:
X: -3,67 mm, Y: -3,67 mm, Z: 8,50 mm

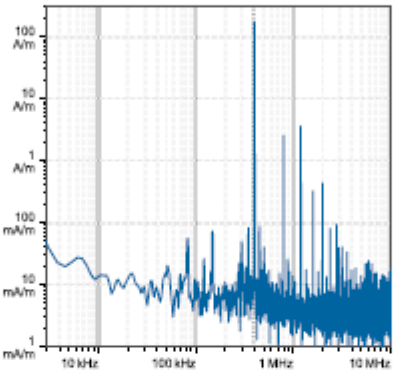
Maximum E-field [RMS]:
MAGNITUDE: 43,07 V/m
X: 11,02 V/m, Y: 4,37 V/m, Z: 41,41 V/m

Maximum E-field location relative to DUT:
X: -29,33 mm, Y: 14,67 mm, Z: 1,00 mm

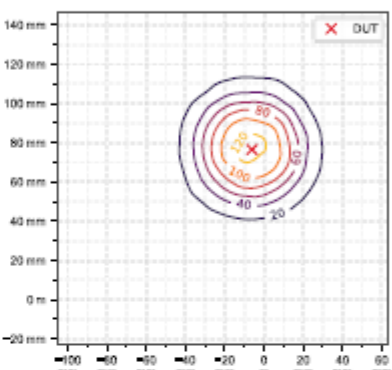
Distance to -20.0 dB boundary:
37,39 mm

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 quantities in the anatomical model (f = 406,00 kHz, $\sigma = 0,750 \text{ S/m}$, 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	Errors		
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg. Local Line avg.			Surface avg.	1g avg. 10g avg.		-20 dB radius [mm]	Sign	Vector potential	Boundary effect
2,0	216,0	40,2	3,43	3,54	3,53	2,17	4,68	2,41	39,8	9%	9%	20%
5,0	172,0	31,5	2,64	2,73	2,71	1,71	2,93	1,58	40,6	9%	9%	24%

Standard compliance evaluation, Absolute (with multi-frequency enhancement, total field evaluation)

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]	
	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PJ _{ind} [A/m ²]	psSAR [mW/kg]	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]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
2,0	216,0	3,743	3,44	2,41	216,0	3,722	2,17	2,41	216,0	3,674	3,53	2,41	216,0	10,066	N/A	4,68	216,0	3,743	3,54	4,68
5,0	172,0	2,938	2,65	1,58	172,0	2,921	1,71	1,58	172,0	2,884	2,72	1,58	172,0	7,901	N/A	2,93	172,0	2,938	2,73	2,93

Standard compliance evaluation, Relative (with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	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
2,0	24,9	33,1	-23,0	-29,2	41,5	32,6	9,8	-29,2	7,5	15,5	-26,5	-29,2	N/A	N/A	N/A	-25,3	41,5	33,1	-22,7	-25,3
5,0	23,0	31,0	-25,2	-31,0	39,5	30,5	7,7	-31,0	5,5	13,4	-28,8	-31,0	N/A	N/A	N/A	-27,4	39,5	31,0	-25,0	-27,4