

APPENDIX A: RF EXPOSURE TEST PLOTS

Plot A-1 Verification Test Data

cDASY6 Module WPT Measurement Report

Device under test

Info:
85kHz Verification

Serial number:
1011

Scenario:
10-22-2025

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000210, 2025/06/13

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: -20.24 mm, y: -118.62 mm, z: 46.83 mm

Dimensions:
x: 388.0 mm, y: 477.0 mm, z: 36.7 mm

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

Completed on:
2025/10/22 17:27:34

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 131.68 A/m

x: 14.73 A/m, y: 118.76 A/m, z: 54.95 A/m

Maximum H-field location relative to DUT:

x: 18.33 mm, y: -157.67 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 238.99 V/m

x: 8.48 V/m, y: 5.68 V/m, z: 238.77 V/m

Maximum E-field location relative to DUT:

x: 88.00 mm, y: 176.00 mm, z: 0.00 m

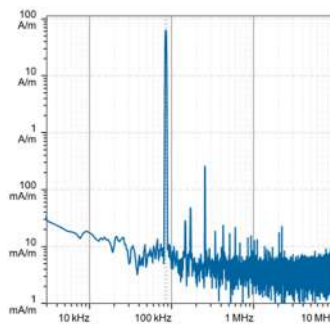
Distance to -20.0 dB boundary:

59.12 mm

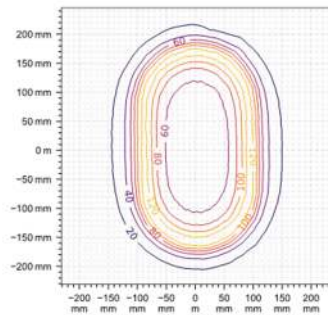
Offset relative to DUT:

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)

	Peak incident fields [rms]		Peak E _{ind} [V/m, rms]			Peak J _{ind} [A/m ² , rms]	psSAR (mW/kg)		H-field extent	Warning		
Distance [mm]	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
0.00	199	239	3.29	3.33	3.33	2.31	6.28	4.68	183	1%	89%	32%
2.00	182	219	3.10	3.13	3.14	2.18	5.62	4.25	185	1%	89%	34%

Compliance evaluation (Field values at the peak frequency) (f=85.00 kHz, total field evaluation, coverage 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]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]
0.00	199	239	24.8	4.68	199	239	2.32	4.68	199	239	12.9	4.68	199	239	N/A	6.28	199	239	35.4	6.28
2.00	182	219	23.5	4.25	182	219	2.18	4.25	182	219	12.2	4.25	182	219	N/A	5.62	182	219	33.5	5.62

Coverage factors: $w_{E_{ind}, cube avg} = [7.54, 7.57]$, $w_{E_{ind}, local} = [10.65, 10.70]$, $w_{E_{ind}, line avg} = [3.87, 3.89]$

Compliance evaluation (Exposure ratios) (total field evaluation, coverage 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]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]	RL [rms]	BR [rms]
0.00	9.49	N/A	2.88	N/A	2.16	N/A	39.9	2.75	13.6	N/A	1.22	N/A	0.39	N/A	0.73	N/A	2.21	2.88	N/A	N/A
2.00	8.68	N/A	2.64	N/A	2.05	N/A	36.5	2.52	12.8	N/A	1.12	N/A	0.36	N/A	0.69	N/A	2.03	2.64	N/A	N/A

Coverage factors: $w_{E_{ind}, cube avg} = [7.54, 7.57]$, $w_{E_{ind}, local} = [10.65, 10.70]$, $w_{E_{ind}, line avg} = [3.87, 3.89]$

Document generated at 2025/10/23 07:10:20, simulation performed at 2025/10/23 07:10:16 using Sim4Life version 8.0.1.15737

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FCC ID: A3LSMS942B		WPT RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 10/16/2025 – 10/23/2025	Apparatus/Device: Portable Handset		APPENDIX A: Page 1 of 2

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Plot A-2 Worst Case Test Data

cDASY6 Module WPT Measurement Report

Device under test

Info:
A3LSMS942B

Serial number:
0269M

Scenario:
Ping Signal Backside

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000210, 2025/06/13

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 33.24 mm, y: -78.17 mm, z: 21.68 mm

Dimensions:
x: 168.8 mm, y: 256.5 mm, z: 36.6 mm

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

Completed on:
2025/10/22 13:11:51

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 216.11 A/m
x: 9.13 A/m, y: 33.94 A/m, z: 213.23 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: 3.67 mm, z: 8.50 mm

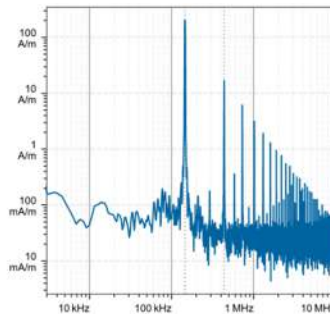
Maximum E-field [rms]:
MAGNITUDE: 36.35 V/m
x: 9.49 V/m, y: 5.11 V/m, z: 34.71 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: 14.67 mm, z: 0.00 m

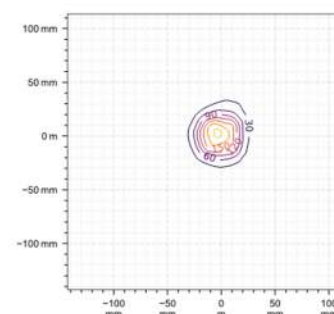
Distance to -20.0 dB boundary:
30.24 mm

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 = 145.49 kHz, $\sigma = 0.750$ S/m, tissue density = 1,000 kg/m³)

	Peak incident fields [rms]		Peak E _{ind} [V/m, rms]			Peak J _{ind} [A/m ² , rms]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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
0.00	527	36.3	2.08	2.14	2.14	1.26	1.46	0.614	31.5	3%	11%	6%
2.00	452	34.0	1.73	1.79	1.78	1.02	0.971	0.416	31.7	3%	11%	6%

Compliance evaluation (Field values at the peak frequency) (f = 145.49 kHz, total field evaluation, coverage 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]
0.00	527	36.3	11.0	0.614	527	36.3	1.26	0.614	527	36.3	6.21	0.614	527	36.3	N/A	1.46	527	36.3	16.0	1.46
2.00	452	34.0	9.11	0.416	452	34.0	1.03	0.416	452	34.0	5.18	0.416	452	34.0	N/A	0.971	452	34.0	13.3	0.971

Coverage factors: $w_{E_{ind}, cube avg} = [5.27, 5.28]$, $w_{E_{inc}, local} = [7.45, 7.45]$, $w_{J_{ind}, line avg} = [2.90, 2.90]$

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	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
0.00	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH
2.00	27.2	16.6	0.57	0.02	0.60	<0.01	112.0	0.55	4.7	<0.01	3.5	2.24	0.08	0.03	0.22	<0.01	326.0	0.08	N/A	<0.01
2.00	23.3	14.3	0.54	0.02	0.50	<0.01	96.0	0.52	3.82	<0.01	3.0	1.92	0.07	0.03	0.18	<0.01	279.0	0.07	N/A	<0.01

Coverage factors: $w_{E_{ind}, cube avg} = [5.27, 5.28]$, $w_{E_{inc}, local} = [7.45, 7.45]$, $w_{J_{ind}, line avg} = [2.90, 2.90]$

Document generated at 2025/10/22 13:14:57, simulation performed at 2025/10/22 13:14:50 using Sim4Life version 8.0.1.15737

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FCC ID: A3LSMS942B		WPT RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 10/16/2025 – 10/23/2025	Apparatus/Device: Portable Handset		APPENDIX A: Page 2 of 2

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