

APPENDIX A: RF EXPOSURE TEST PLOTS

Plot A-1 Verification Test Data

cDASY6 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 85 kHz Ver 12-08-2025 K2	DASY software version: cDASY6 Module WPT 2.8.0.5184	Center location: x: -1.31 mm, y: -760.00 µm, z: 35.73 mm
Serial number: 1031	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000261, 2025/08/07	Dimensions: x: 388.0 mm, y: 477.0 mm, z: 36.7 mm
Scenario: 85 kHz Ver 12-08-2025 K2	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/12/08 15:43:06

Measurement results

Maximum H-field [rms]:
MAGNITUDE: **128.19 A/m**
x: 107.22 A/m, y: 32.65 A/m, z: 62.22 A/m

Maximum H-field location relative to DUT:
x: **84.33 mm**, y: **99.00 mm**, z: **8.50 mm**

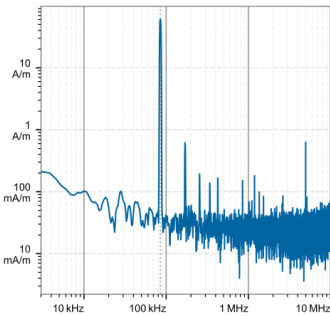
Maximum E-field [rms]:
MAGNITUDE: **134.01 V/m**
x: 15.75 V/m, y: 7.87 V/m, z: 132.85 V/m

Maximum E-field location relative to DUT:
x: **51.33 mm**, y: **-161.33 mm**, z: **0.00 m**

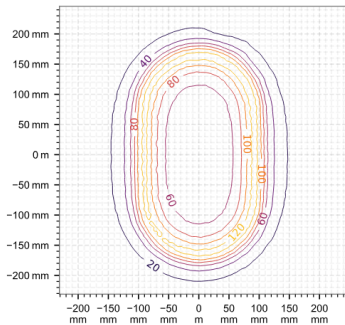
Distance to -20.0 dB boundary:
67.61 mm

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, σ = 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/m², rms]	psSAR [mW/kg]		H-field extent	Sign	Vector potential	Warnings
	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	201	134	3.25	3.28	3.29	2.28	6.12	4.55	181	1%	90%	36%
2.00	183	123	3.06	3.09	3.10	2.15	5.48	4.13	184	1%	90%	38%

Compliance evaluation (Field values at the peak frequency) (f = 85.00 kHz, 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/m²]	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	201	134	3.26	4.55	201	134	2.29	4.55	201	134	3.30	4.55	201	134	N/A	6.12	201	134	3.29	6.12
2.00	183	123	3.07	4.13	183	123	2.16	4.13	183	123	3.10	4.13	183	123	N/A	5.48	183	123	3.10	5.48

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					
	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	
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	9.56	N/A	4.82	N/A	0.28	N/A			40.2	3.81	13.5	N/A	1.23	N/A	0.65	N/A	0.19	N/A	2.23	2.68	N/A	N/A	2.23	N/A	4.82	N/A	0.29	N/A
2.00	8.7	N/A	4.42	N/A	0.27	N/A			36.5	3.5	12.7	N/A	1.12	N/A	0.60	N/A	0.17	N/A	2.03	2.47	N/A	N/A	2.03	N/A	4.42	N/A	0.27	N/A

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FCC ID: 2A6WXWCSKD12A		WPT RF EXPOSURE EVALUATION TEST REPORT		Reviewed by: Technical Manager
Test Report S/N: 1K2510300010-02.2A6WX	Test Dates: 12/08/2025 – 12/17/2025	Apparatus/Device: Wireless Charger		APPENDIX A: Page 1 of 3

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Plot A-2 Verification Test Data

cDASY6 Module WPT Measurement Report

Device under test

Info:
400 kHz Ver 12-08-2025 K2

Serial number:
1030

Scenario:
400 kHz Ver 12-08-2025 K2

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000261, 2025/08/07

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 36.82 mm, y: -17.16 mm, z: 34.98 mm

Dimensions:
x: 124.7 mm, y: 124.5 mm, z: 36.6 mm

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

Completed on:
2025/12/08 11:33:01

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 140.07 A/m
x: 27.89 A/m, y: 26.90 A/m, z: 134.60 A/m

Maximum H-field location relative to DUT:
x: -3.63 mm, y: 3.70 mm, z: 8.50 mm

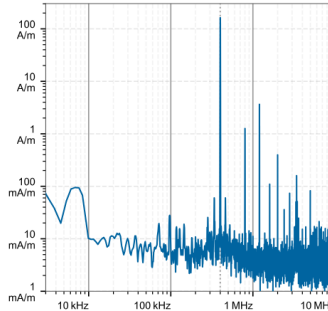
Maximum E-field [rms]:
MAGNITUDE: 48.79 V/m
x: 24.31 V/m, y: 11.57 V/m, z: 40.69 V/m

Maximum E-field location relative to DUT:
x: 33.33 μ m, y: -36.63 mm, z: 0.00 m

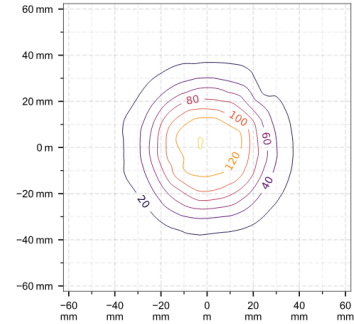
Distance to -20.0 dB boundary:
36.67 mm

Offset relative to DUT:
x: 36.70 mm, y: 36.70 mm, 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 = 400.00 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		Warnings
	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	
0.00	282	48.8	4.47	4.58	4.59	2.85	7.93	3.87	39.2	1%	8%	19%
2.00	248	45.8	3.84	3.94	3.95	2.42	5.76	2.85	39.4	1%	8%	23%

Compliance evaluation (Field values at the peak frequency) (f=400.00 kHz, 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]
0.00	282	48.8	4.48	3.87	282	48.8	2.85	3.87	282	48.8	4.59	3.87	282	48.8	N/A	7.93	282	48.8	4.58	7.93
2.00	248	45.8	3.85	2.85	248	45.8	2.43	2.85	248	45.8	3.96	2.85	248	45.8	N/A	5.76	248	45.8	3.95	5.76

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	
	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
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	13.4	23.0	116.0	16.1	0.10	<0.01	155.0	201.0	4.58	<0.01	1.73	3.1	15.6	53.9	0.07	<0.01	173.0	112.0	N/A	<0.01	3.14	155.0	116.0	N/A	0.10	<0.01
2.00	11.8	20.2	109.0	15.1	0.09	<0.01	136.0	189.0	3.98	<0.01	1.52	2.72	14.7	50.5	0.06	<0.01	152.0	105.0	N/A	<0.01	2.75	136.0	109.0	N/A	0.09	<0.01

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Test Report S/N: 1K2510300010-02.2A6WX	Test Dates: 12/08/2025 – 12/17/2025	Apparatus/Device: Wireless Charger	APPENDIX A: Page 2 of 3

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Plot A-3 Worst Case Test Data

cDASY6 Module WPT Measurement Report

Device under test

Info:
WCSKD12A ping front

Serial number:
DCB LED ES01

Scenario:
WCSKD12A ping front

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000261, 2025/08/07

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 23.57 mm, y: 1.92 mm, z: 64.31 mm

Dimensions:
x: 168.6 mm, y: 168.7 mm, z: 36.2 mm

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

Completed on:
2025/12/17 13:21:31

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 37.84 A/m
x: 6.78 A/m, y: 7.55 A/m, z: 36.46 A/m

Maximum H-field location relative to DUT:
x: -3.67 mm, y: -47.67 mm, z: 8.50 mm

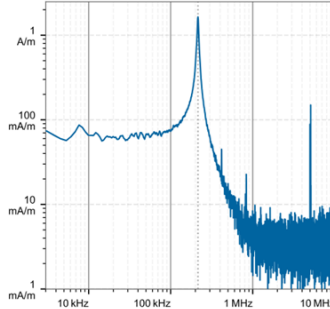
Maximum E-field [rms]:
MAGNITUDE: 35.85 V/m
x: 299.67 mV/m, y: 424.47 mV/m, z: 35.85 V/m

Maximum E-field location relative to DUT:
x: 0.00 m, y: 44.00 mm, z: 0.00 m

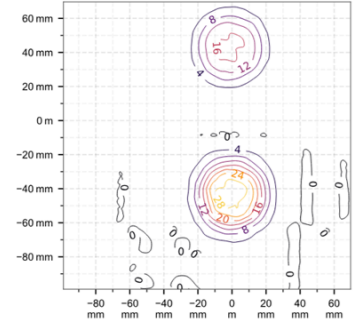
Distance to -20.0 dB boundary:
26.44 mm

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 = 215.71 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]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]					
0.00	89.9	35.9	0.532	0.555	0.552	0.318	0.0929	0.038	41.4			3%	25%	23%
2.00	76.9	32.4	0.436	0.453	0.452	0.256	0.0609	0.0253	41.4			3%	25%	23%

Compliance evaluation (Field values at the peak frequency) (f=215.71 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	89.9	35.9	2.89	0.038	89.9	35.9	0.32	0.038	89.9	35.9	1.64	0.038	89.9	35.9	N/A	0.0929	89.9	35.9	4.26	0.0929
2.00	76.9	32.4	2.37	0.0253	76.9	32.4	0.257	0.0253	76.9	32.4	1.34	0.0253	76.9	32.4	N/A	0.0609	76.9	32.4	3.47	0.0609

Coverage factors: $W_{E_{ind}, cube avg} = [5.42, 5.42]$, $W_{E_{ind}, local} = [7.66, 7.66]$, $W_{E_{ind}, line avg} = [2.97, 2.97]$

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	4.28	3.96	213.0	220.0	0.14	<0.01	26.6	212.0	2.6	<0.01	0.55	0.53	28.8	440.0	0.06	<0.01	55.2	86.8	N/A	<0.01
2.00	3.66	3.38	193.0	199.0	0.11	<0.01	22.7	192.0	2.28	<0.01	0.47	0.46	26.0	398.0	0.05	<0.01	47.2	78.4	N/A	<0.01

Coverage factors: $W_{E_{ind}, cube avg} = [5.42, 5.42]$, $W_{E_{ind}, local} = [7.66, 7.66]$, $W_{E_{ind}, line avg} = [2.97, 2.97]$

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Test Report S/N: 1K2510300010-02.2A6WX	Test Dates: 12/08/2025 – 12/17/2025	Apparatus/Device: Wireless Charger	APPENDIX A: Page 3 of 3

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