

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: 85kHz Verification	DASY software version: cDASY6 Module WPT 2.8.0.5184	Center location: x: -64.84 mm, y: -177.06 mm, z: 46.73 mm
Serial number: 1031	Probe model, serial no, and configuration date: MAGPy-8H3D+E3Dv2, WP000261, 2024/08/14	Dimensions: x: 389.0 mm, y: 476.6 mm, z: 36.7 mm
Scenario: 85kHz Verification	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/24 14:07:44

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 127.25 A/m
x: 112.49 A/m, y: 24.26 A/m, z: 54.32 A/m

Maximum H-field location relative to DUT:
x: 84.33 mm, y: -91.67 mm, z: 8.50 mm

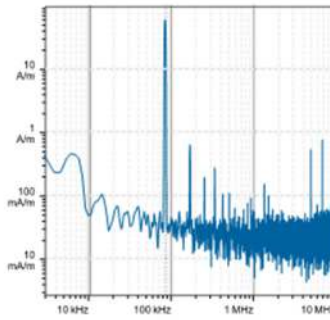
Maximum E-field [RMS]:
MAGNITUDE: 130.71 V/m
x: 7.80 V/m, y: 11.37 V/m, z: 129.98 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: -168.67 mm, z: 0.00 m

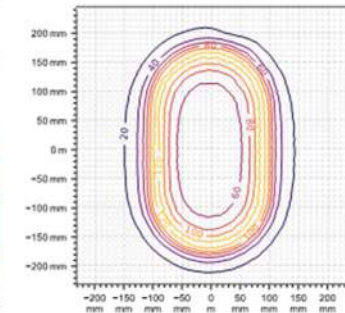
Distance to -20.0 dB boundary:
67.61 mm

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, $\sigma = 0.750$ 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 -20 dB radius [mm]	Sign	Vector potential	Warnings Boundary effect
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.		1g avg.	10g avg.				
0.00	195	131	3.27	3.30	3.31	2.31	6.25	4.65	182	1%	107%	36%
2.00	177	119	3.09	3.11	3.12	2.18	5.59	4.22	185	1%	107%	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]	PI _{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	195	131	3.28	4.65	195	131	2.31	4.65	195	131	3.31	4.65	195	131	N/A	6.25	195	131	3.30	6.25
2.00	177	119	3.09	4.22	177	119	2.18	4.22	177	119	3.12	4.22	177	119	N/A	5.59	177	119	3.12	5.59

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}	PI _{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	9.28	N/A	4.08	N/A	0.29	N/A	39.0	3.48	1.2	N/A	0.55	N/A	0.19	N/A	2.17	2.52	N/A	N/A	2.17	N/A
2.00	8.43	N/A	3.71	N/A	0.27	N/A	35.4	3.16	1.09	N/A	0.50	N/A	0.18	N/A	1.97	2.29	N/A	N/A	1.97	N/A

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FCC ID: 2A6WXWCGMA35A		WPT RF EXPOSURE EVALUATION TEST REPORT	Reviewed by: Technical Manager
Test Dates: 6/24/2025 – 8/1/2025	Apparatus/Device: Wireless Charger		APPENDIX A: Page 1 of 3

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Plot A-2
Worst Case Test Data

cDASY6 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: WCGMA35A	DASY software version: cDASY6 Module WPT 2.8.0.5184	Center location: x: 54,77 mm, y: -97,43 mm, z: 50,46 mm
Serial number: 00184	Probe model, serial no, and configuration date: MAGPy-8H3D+E3Dv2, WP000261, 2024/08/14	Dimensions: x: 124,6 mm, y: 124,2 mm, z: 36,6 mm
Scenario: Ping Signal Front Side	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7,33 mm, y: 7,33 mm, z: 7,33 mm
		Completed on: 2025/06/25 16:07:26

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 130,38 A/m
x: 10,90 A/m, y: 22,20 A/m, z: 128,01 A/m

Maximum H-field location relative to DUT:
x: -3,63 mm, y: -3,63 mm, z: 8,50 mm

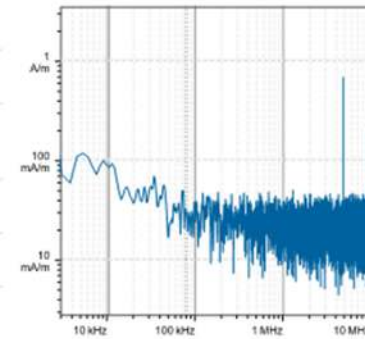
Maximum E-field [RMS]:
MAGNITUDE: 54,16 V/m
x: 2,24 V/m, y: 242,17 mV/m, z: 54,11 V/m

Maximum E-field location relative to DUT:
x: 33,33 μ m, y: -7,30 mm, z: 0,00 m

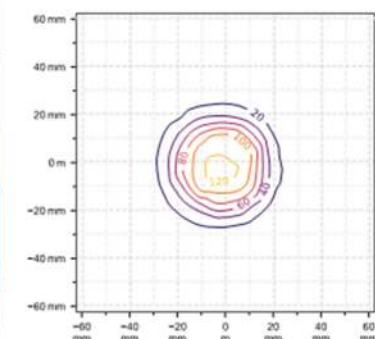
Distance to -20,0 dB boundary:
29,33 mm

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 ($f = 80,40$ 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 effects
0,00	297	54,2	0,689	0,716	0,708	0,406	0,149	0,0600	29,9	3%	10%	8%
2,00	257	49,2	0,562	0,586	0,581	0,324	0,096	0,0390	29,8	3%	10%	9%

Compliance evaluation (Field values at the peak frequency) ($f = 80,40$ 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]	RL [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]	RL [rms]	BR [rms]
	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
	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
0,00	297	54,2	3,62	0,0600	297	54,2	0,407	0,0600	297	54,2	2,05	0,0600	297	54,2	N/A	0,149	297	54,2	5,31	0,149
2,00	257	49,2	2,95	0,0390	257	49,2	0,325	0,0390	257	49,2	1,68	0,0390	257	49,2	N/A	0,096	257	49,2	4,35	0,096

Coverage factors: $W_{E_{ind, cube avg.}} = [5,25, 5,25]$, $W_{E_{ind, local}} = [7,41, 7,41]$, $W_{E_{ind, line avg.}} = [2,89, 2,89]$

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	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR	RL	BR	RL	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	N/A	N/A	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH
0,00	14,1	N/A	>999	N/A	0,60	N/A	59,3	>999	16,2	N/A	1,82	N/A	212,0	N/A	0,28	N/A	3,3	497,0	N/A	N/A
2,00	12,2	N/A	>999	N/A	0,52	N/A	51,3	>999	14,5	N/A	1,57	N/A	193,0	N/A	0,24	N/A	2,85	451,0	N/A	N/A

Coverage factors: $W_{E_{ind, cube avg.}} = [5,25, 5,25]$, $W_{E_{ind, local}} = [7,41, 7,41]$, $W_{E_{ind, line avg.}} = [2,89, 2,89]$

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Test Dates: 6/24/2025 – 8/1/2025	Apparatus/Device: Wireless Charger	APPENDIX A: Page 2 of 3

Plot A-3
Worst Case Evaluation at 15cm

cDASY6 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: WCGMA35A	DASY software version: cDASY6 Module WPT 2.8.0.5184	Center location: x: 53.39 mm, y: -97.37 mm, z: 200.37 mm
Serial number: 00184	Probe model, serial no, and configuration date: MAGPy-8H3D+E3Dv2, WP000261, 2024/08/14	Dimensions: x: 124.7 mm, y: 124.3 mm, z: 37.0 mm
Scenario: Ping Signal Front Side 15cm	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/25 16:46:19

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 205.01 mA/m
x: 101.46 mA/m, y: 146.03 mA/m, z: 102.03 mA/m

Maximum H-field location relative to DUT:
x: -3.63 mm, y: -3.63 mm, z: 180.50 mm

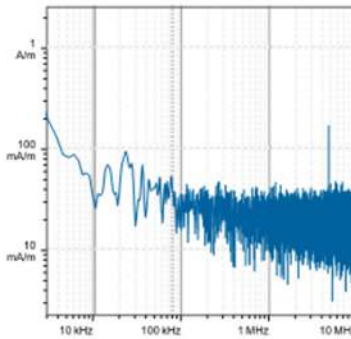
Maximum E-field [RMS]:
MAGNITUDE: 372.82 mV/m
x: 70.99 mV/m, y: 246.57 mV/m, z: 270.48 mV/m

Maximum E-field location relative to DUT:
x: 7.37 mm, y: 7.37 mm, z: 0.00 m

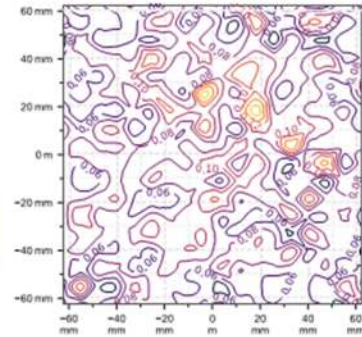
Distance to -20.0 dB boundary:
NaN

Offset relative to DUT:
x: 36.70 mm, y: 36.70 mm, z: 151.00 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 = 80.39 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
150	0.316	0.373	2.02e-3	2.07e-3	2.06e-3	1.38e-3	2.30e-6	1.61e-6	70.1	104%	133%	100%
152	0.246	0.344	1.94e-3	1.97e-3	1.96e-3	1.38e-3	2.18e-6	1.52e-6	70.7	104%	133%	100%

Compliance evaluation (Field values at the peak frequency) (f = 80.39 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]
	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
	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m ²]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[V/m]	[mW/kg]
150	0.316	0.373	0.0118	1.61e-6	0.316	0.373	1.39e-3	1.61e-6	0.316	0.373	6.51e-3	1.61e-6	0.316	0.373	N/A	2.30e-6	0.316	0.373	0.0171	2.30e-6
152	0.246	0.344	0.0114	1.52e-6	0.246	0.344	1.39e-3	1.52e-6	0.246	0.344	6.18e-3	1.52e-6	0.246	0.344	N/A	2.18e-6	0.246	0.344	0.0163	2.18e-6

Coverage factors: $W_{E_{inc, side avg.}} = [5.85, 5.86]$, $W_{E_{inc, total}} = [8.26, 8.28]$, $W_{E_{ind, line avg.}} = [3.15, 3.15]$

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	RL	BR	RL	BR	RL	BR	RL	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
150	0.02	N/A	0.28	N/A	<0.01	N/A	0.06	0.43	0.01	N/A	<0.01	N/A	0.04	N/A	<0.01	N/A	<0.01	0.08	N/A	N/A
152	0.01	N/A	0.26	N/A	<0.01	N/A	0.05	0.39	0.01	N/A	<0.01	N/A	0.04	N/A	<0.01	N/A	<0.01	0.08	N/A	N/A

Coverage factors: $W_{E_{inc, side avg.}} = [5.85, 5.86]$, $W_{E_{inc, total}} = [8.26, 8.28]$, $W_{E_{ind, line avg.}} = [3.15, 3.15]$

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Test Dates: 6/24/2025 – 8/1/2025	Apparatus/Device: Wireless Charger	APPENDIX A: Page 3 of 3