

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: -7,21 mm, y: -22,72 mm, z: 47,03 mm
Serial number: 1011	Probe model, serial no, and configuration date: MAGPy-8H3D+E3Dv2, WP000210, 2025/06/13	Dimensions: x: 388,0 mm, y: 477,0 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: 2026/01/07 14:29:58

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 128,51 A/m
x: 8,78 A/m, y: 111,83 A/m, z: 62,71 A/m

Maximum H-field location relative to DUT:
x: 11,00 mm, y: -165,00 mm, z: 8,50 mm

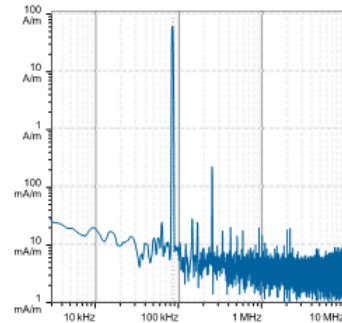
Maximum E-field [RMS]:
MAGNITUDE: 214,02 V/m
x: 12,16 V/m, y: 8,27 V/m, z: 213,52 V/m

Maximum E-field location relative to DUT:
x: 88,00 mm, y: 146,67 mm, z: 0,00 m

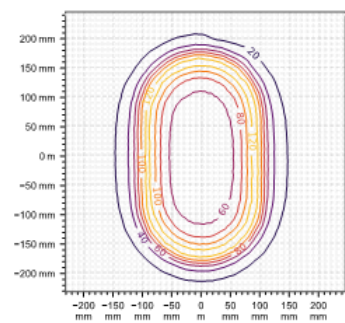
Distance to -20,0 dB boundary:
62,66 mm

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, $\sigma = 0,750 \text{ S/m}$, 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		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	195	214	3,27	3,31	3,31	2,31	6,26	4,68	183	1%	88%			38%
2,00	177	196	3,09	3,12	3,12	2,18	5,61	4,25	186	1%	88%			40%

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]	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	195	214	24,7	4,68	195	214	2,31	4,68	195	214	12,9	4,68	195	214	N/A	6,26	195	214	35,3	6,26
2,00	177	196	23,4	4,25	177	196	2,18	4,25	177	196	12,2	4,25	177	196	N/A	5,61	177	196	33,4	5,61

Coverage factors: $w_{F_{inc, ext, exp}} = [7,55, 7,58]$, $w_{F_{ind, local}} = [10,66, 10,71]$, $w_{E_{ind, line, exp}} = [3,88, 3,89]$

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	9,27	N/A	7,15	N/A	2,16	N/A	38,9	6,39	13,6	N/A	1,19	N/A	0,97	N/A	0,72	N/A	2,16	4,39	N/A	N/A
2,00	8,45	N/A	6,55	N/A	2,04	N/A	35,5	5,86	12,9	N/A	1,09	N/A	0,89	N/A	0,68	N/A	1,97	4,03	N/A	N/A

Coverage factors: $w_{F_{inc, ext, exp}} = [7,55, 7,58]$, $w_{F_{ind, local}} = [10,66, 10,71]$, $w_{E_{ind, line, exp}} = [3,88, 3,89]$

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FCC ID: A3LSMS947B		WPT RF EXPOSURE EVALUATION REPORT	Reviewed by: Technical Manager
Test Dates: 12/24/2025-1/7/2026	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:
A3LSMS947B

Serial number:
2960M

Scenario:
Ping Back

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: 38,25 mm, y: -7,11 mm, z: 26,00 mm

Dimensions:
x: 168,8 mm, y: 257,0 mm, z: 36,7 mm

Resolution:
x: 7,33 mm, y: 7,33 mm, z: 7,33 mm

Completed on:
2026/01/02 12:59:53

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 311,90 A/m

x: 100,65 A/m, y: 57,71 A/m, z: 289,52 A/m

Maximum H-field location relative to DUT:

x: 3,67 mm, y: -11,00 mm, z: 8,50 mm

Maximum E-field [RMS]:

MAGNITUDE: 48,83 V/m

x: 14,55 V/m, y: 8,73 V/m, z: 45,79 V/m

Maximum E-field location relative to DUT:

x: 7,33 mm, y: 14,67 mm, z: 0,00 m

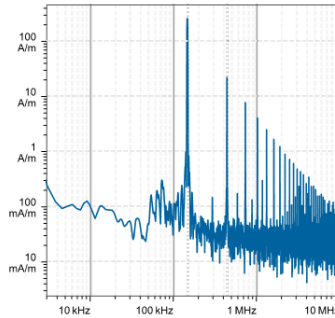
Distance to -20.0 dB boundary:

10,37 mm

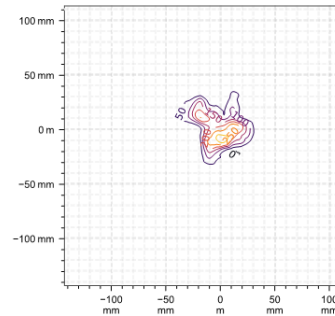
Offset relative to DUT:

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 = 147,16 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	Boundary effect
0.00	566	48.8	2.27	2.35	2.32	1.40	1.86	0.749	32.6	13%	60%	23%
2.00	487	45.3	1.95	2.03	2.00	1.17	1.31	0.531	32.7	13%	60%	19%

Compliance evaluation (Field values at the peak frequency) (f=147,16 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}	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	566	48,8	12,0	0,749	566	48,8	1,40	0,749	566	48,8	6,74	0,749	566	48,8	N/A	1,86	566	48,8	17,5	1,86
2,00	487	45,3	10,3	0,531	487	45,3	1,17	0,531	487	45,3	5,83	0,531	487	45,3	N/A	1,31	487	45,3	15,1	1,31

Coverage factors: $w_{E_{ind}, cube avg.} = [5,29, 5,29]$, $w_{E_{ind}, local} = [7,47, 7,47]$, $w_{E_{ind}, line avg.} = [2,91, 2,91]$

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	29,2	18,1	0,81	0,03	0,66	<0,01	120,0	0,77	5,16	<0,01	3,76	2,43	0,11	0,04	0,24	<0,01	349,0	0,11	N/A	<0,01
2,00	25,1	15,6	0,75	0,03	0,56	<0,01	104,0	0,71	4,31	<0,01	3,24	2,1	0,10	0,04	0,21	<0,01	301,0	0,10	N/A	<0,01

Coverage factors: $w_{E_{ind}, cube avg.} = [5,29, 5,29]$, $w_{E_{ind}, total} = [7,47, 7,47]$, $w_{E_{ind}, line avg.} = [2,91, 2,91]$

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Test Dates: 12/24/2025-1/7/2026	Apparatus/Device: Portable Handset		APPENDIX A: Page 2 of 2

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