

Annex E Measurement Results
Tested Model : X6879
Report Number: WSCT-ANAB-R&E250900074

cDASY6 Module WPT Measurement Report

Device under test

Info:
X6879-FCC-Bottom

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2025/10/15

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 85.19 mm, y: -26.38 mm, z: 177.01 mm

Dimensions:
x: 80.8 mm, y: 80.7 mm, z: 36.0 mm

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

Completed on:
2025/12/19 23:07:41

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 134.79 mA/m

x: 116.77 mA/m, **y**: 27.90 mA/m, **z**: 61.27 mA/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: 47.33 V/m

x: 386.83 mV/m, **y**: 146.29 mV/m, **z**: 47.33 V/m

Maximum E-field location relative to DUT:

x: 0.00 m, **y**: 0.00 m, **z**: 0.00 m

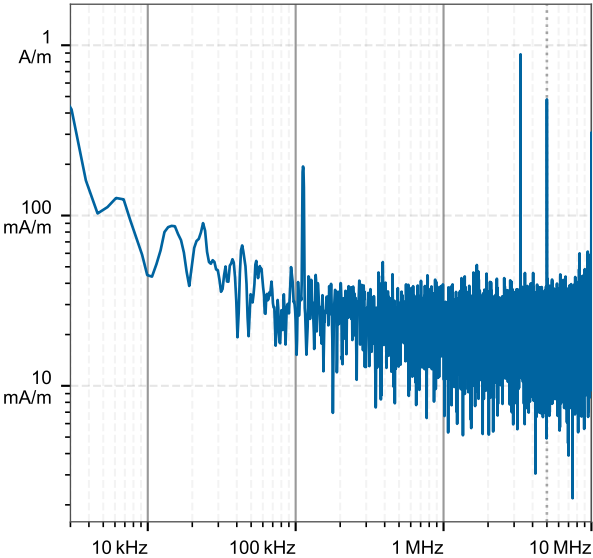
Distance to -20.0 dB boundary:

NaN

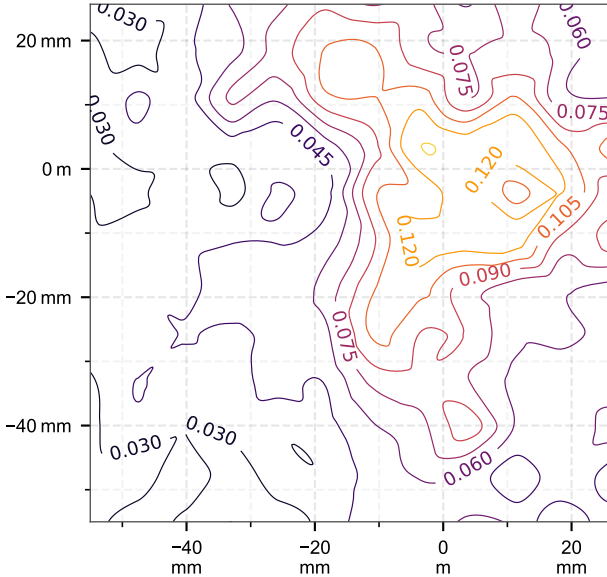
Offset relative to DUT:

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 = 118.61 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/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	0.286	47.3	1.61e-3	1.65e-3	1.65e-3	1.05e-3	1.11e-6	5.47e-7		45.1	22%	34%	100%
5.00	0.190	27.9	1.31e-3	1.35e-3	1.34e-3	8.50e-4	7.48e-7	3.93e-7		46.3	22%	34%	100%
10.0	0.116	10.7	1.1e-3	1.13e-3	1.12e-3	7.11e-4	5.27e-7	2.90e-7		46.3	22%	34%	100%
15.0	0.0844	7.56	9.37e-4	9.62e-4	9.57e-4	6.13e-4	3.99e-7	2.29e-7		46.3	22%	34%	100%
20.0	0.0619	7.14	8.17e-4	8.38e-4	8.34e-4	5.41e-4	3.19e-7	1.79e-7		46.3	22%	34%	100%

Compliance evaluation (Field values at the peak frequency) (f=118.61 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	0.286	47.3	0.0104	2.41e-6	0.286	47.3	2.23e-3	2.41e-6	0.286	47.3	6.51e-3	2.41e-6	0.286	47.3	N/A	2.98e-6	0.286	47.3	0.0143	2.98e-6
5.00	0.190	27.9	8.12e-3	1.04e-6	0.190	27.9	1.55e-3	1.04e-6	0.190	27.9	4.95e-3	1.04e-6	0.190	27.9	N/A	1.4e-6	0.190	27.9	0.0114	1.4e-6
10.0	0.116	10.7	6.37e-3	3.85e-7	0.116	10.7	9.78e-4	3.85e-7	0.116	10.7	3.72e-3	3.85e-7	0.116	10.7	N/A	6.22e-7	0.116	10.7	9.09e-3	6.22e-7
15.0	0.0844	7.56	5.4e-3	2.77e-7	0.0844	7.56	8.02e-4	2.77e-7	0.0844	7.56	3.12e-3	2.77e-7	0.0844	7.56	N/A	4.47e-7	0.0844	7.56	7.72e-3	4.47e-7
20.0	0.0619	7.14	4.73e-3	2.21e-7	0.0619	7.14	7.2e-4	2.21e-7	0.0619	7.14	2.74e-3	2.21e-7	0.0619	7.14	N/A	3.61e-7	0.0619	7.14	6.74e-3	3.61e-7

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

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	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH
0.00	-37.3	-43.2	72.5	69.4	-2.73	-44.1	-24.9	65.2	31.3	-44.1	-55.1	-60.6	55.1	93.7	-6.54	-44.1	-15.1	43.8	N/A	-43.1	-50.0	-26.7	72.5	N/A	-2.73	-43.1
5.00	-40.9	-46.7	67.9	64.9	-7.32	-48.7	-28.4	60.6	26.8	-48.7	-58.7	-64.1	50.5	89.1	-11.1	-48.7	-18.7	39.2	N/A	-47.7	-53.5	-30.2	67.9	N/A	-7.32	-47.7
10.0	-45.2	-51.0	59.6	56.5	-15.7	-57.0	-32.7	52.3	18.4	-57.0	-63.0	-68.5	42.2	80.8	-19.5	-57.0	-23.0	30.8	N/A	-56.1	-57.8	-34.5	59.6	N/A	-15.6	-56.1
15.0	-47.9	-53.8	56.6	53.5	-18.7	-60.0	-35.4	49.3	15.4	-60.0	-65.7	-71.2	39.2	77.8	-22.5	-60.0	-25.7	27.8	N/A	-59.1	-60.6	-37.3	56.6	N/A	-18.6	-59.1
20.0	-50.6	-56.5	56.1	53.0	-19.1	-60.5	-38.1	48.8	14.9	-60.5	-68.4	-73.9	38.7	77.3	-23.0	-60.5	-28.4	27.3	N/A	-59.6	-63.3	-39.9	56.1	N/A	-19.1	-59.6

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.48, 5.49, 5.49, 5.49, 5.49]$, $w_{E_{ind}, local} = [7.74, 7.76, 7.76, 7.76, 7.76]$, $w_{E_{ind}, line\ avg.} = [2.99, 3.00, 3.00, 3.00, 3.00]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
X6879-FCC-Front

Serial number:
X6879-FCC-Front

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2025/10/15

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 9.33 mm, y: -11.55 mm, z: 33.75 mm

Dimensions:
x: 257.0 mm, y: 301.0 mm, z: 36.7 mm

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

Completed on:
2025/12/19 16:47:42

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 2.09 A/m

x: 1.18 A/m, **y**: 754.25 mA/m, **z**: 1.56 A/m

Maximum H-field location relative to DUT:

x: 40.33 mm, **y**: -11.00 mm, **z**: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 139.45 V/m

x: 3.45 V/m, **y**: 417.52 mV/m, **z**: 139.41 V/m

Maximum E-field location relative to DUT:

x: 14.67 mm, **y**: -44.00 mm, **z**: 0.00 m

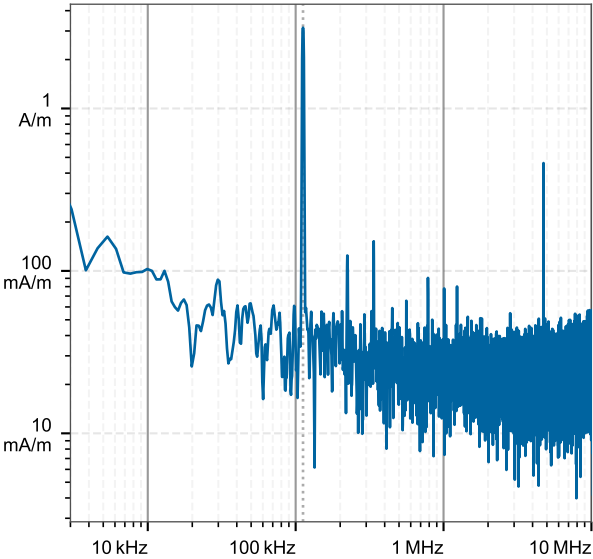
Distance to -20.0 dB boundary:

44.61 mm

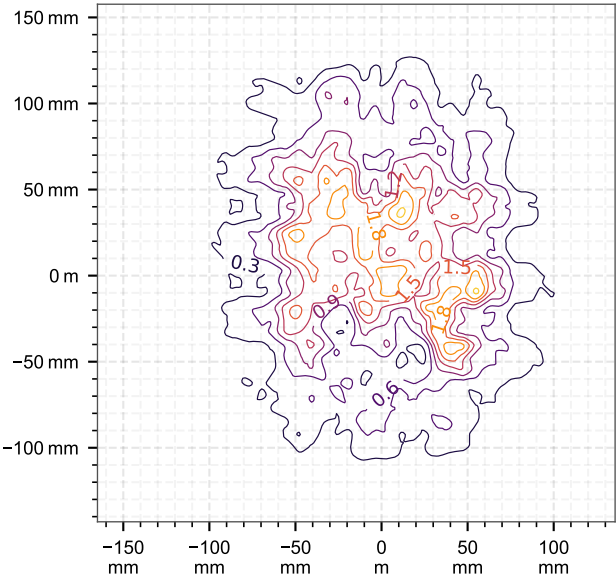
Offset relative to DUT:

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 = 112.25 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/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	4.32	139	0.0372	0.0380	0.038	0.0246	6.47e-4	3.99e-4		92.1	193%	139%	38%
5.00	2.70	87.6	0.0282	0.0289	0.0287	0.0191	4.11e-4	2.74e-4		102	193%	139%	55%
10.0	1.83	40.4	0.023	0.0235	0.0233	0.0156	2.77e-4	1.95e-4		118	193%	139%	65%
15.0	1.21	28.7	0.0188	0.0191	0.019	0.0131	1.97e-4	1.44e-4		132	193%	139%	65%
20.0	0.879	27.1	0.016	0.0162	0.0161	0.0112	1.48e-4	1.11e-4		141	193%	139%	64%

Compliance evaluation (Field values at the peak frequency) (f=112.25 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	4.32	139	0.235	4.13e-4	4.32	139	0.0279	4.13e-4	4.32	139	0.129	4.13e-4	4.32	139	N/A	6.62e-4	4.32	139	0.337	6.62e-4
5.00	2.70	87.6	0.181	2.80e-4	2.70	87.6	0.0212	2.80e-4	2.70	87.6	0.0991	2.80e-4	2.70	87.6	N/A	4.16e-4	2.70	87.6	0.261	4.16e-4
10.0	1.83	40.4	0.152	1.96e-4	1.83	40.4	0.0166	1.96e-4	1.83	40.4	0.082	1.96e-4	1.83	40.4	N/A	2.78e-4	1.83	40.4	0.219	2.78e-4
15.0	1.21	28.7	0.129	1.45e-4	1.21	28.7	0.0138	1.45e-4	1.21	28.7	0.0683	1.45e-4	1.21	28.7	N/A	1.98e-4	1.21	28.7	0.184	1.98e-4
20.0	0.879	27.1	0.111	1.12e-4	0.879	27.1	0.0119	1.12e-4	0.879	27.1	0.0589	1.12e-4	0.879	27.1	N/A	1.49e-4	0.879	27.1	0.159	1.49e-4

Coverage factors: w_{E_{ind}, cube avg.} = [6.18, 6.33, 6.57, 6.78, 6.91], w_{E_{ind}, local} = [8.73, 8.93, 9.28, 9.58, 9.77], w_{E_{ind}, line avg.} = [3.29, 3.35, 3.46, 3.55, 3.61]

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

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	N/A	N/A							NS	TH	NS	TH		
0.00	-13.7	-20.1	12.7	-10.5	-36.0	-64.7	-1.27	8.07	-16.6	-64.7	-31.5	-37.5	-4.71	-16.6	-44.7	-64.7	8.47	-4.65	N/A	-62.4	-26.4	-3.55	12.7	N/A	-32.9	-62.4
5.00	-17.8	-24.2	8.63	-14.6	-38.2	-67.2	-5.34	4.03	-19.3	-67.2	-35.6	-41.6	-8.75	-20.6	-47.1	-67.2	4.4	-8.7	N/A	-64.9	-30.4	-7.62	8.63	N/A	-35.1	-64.9
10.0	-21.2	-27.5	1.91	-21.3	-39.9	-69.6	-8.71	-2.69	-21.9	-69.6	-39.0	-45.0	-15.5	-27.3	-48.9	-69.6	1.02	-15.4	N/A	-67.3	-33.8	-11.0	1.91	N/A	-36.7	-67.3
15.0	-24.8	-31.1	-1.07	-24.3	-41.3	-71.1	-12.3	-5.67	-23.6	-71.1	-42.6	-48.5	-18.4	-30.3	-50.5	-71.1	-2.57	-18.4	N/A	-68.8	-37.4	-14.6	-1.07	N/A	-38.3	-68.8
20.0	-27.6	-33.9	-1.56	-24.8	-42.6	-72.1	-15.1	-6.16	-24.8	-72.1	-45.4	-51.3	-18.9	-30.8	-51.8	-72.1	-5.37	-18.9	N/A	-70.0	-40.2	-17.4	-1.56	N/A	-39.5	-70.0

Coverage factors: $w_{E_{ind}, cube\ avg.} = [6.18, 6.33, 6.57, 6.78, 6.91]$, $w_{E_{ind}, local} = [8.73, 8.93, 9.28, 9.58, 9.77]$, $w_{E_{ind}, line\ avg.} = [3.29, 3.35, 3.46, 3.55, 3.61]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
X6879-FCC-Left

Serial number:
X6879-FCC-Left

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2025/10/15

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 108.30 mm, y: -53.13 mm, z: 93.01 mm

Dimensions:
x: 168.7 mm, y: 212.5 mm, z: 36.0 mm

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

Completed on:
2025/12/22 10:36:34

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 1.87 A/m

x: 343.65 mA/m, **y**: 837.42 mA/m, **z**: 1.64 A/m

Maximum H-field location relative to DUT:

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

Maximum E-field [RMS]:

MAGNITUDE: 39.39 V/m

x: 566.45 mV/m, **y**: 2.64 V/m, **z**: 39.30 V/m

Maximum E-field location relative to DUT:

x: 0.00 m, **y**: 58.67 mm, **z**: 0.00 m

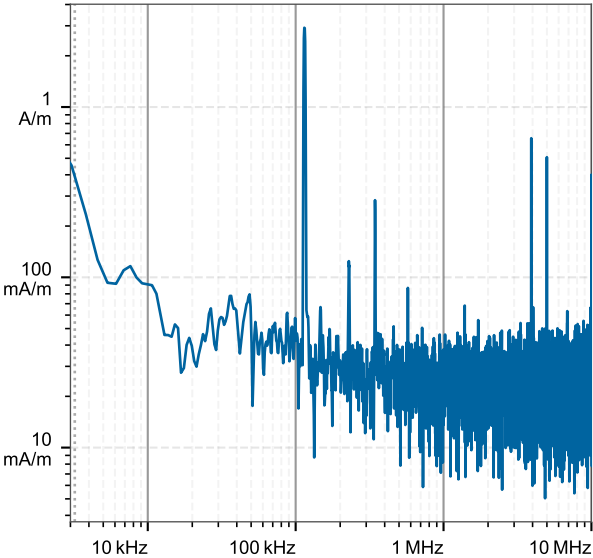
Distance to -20.0 dB boundary:

32.80 mm

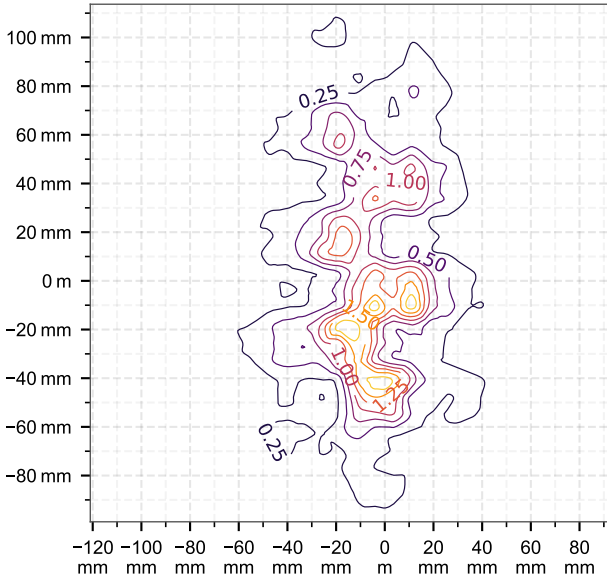
Offset relative to DUT:

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 = 114.80 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/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	3.28	39.4	0.0197	0.0204	0.0204	0.0119	1.35e-4	6.99e-5	58.2	14%	75%	41%	
5.00	2.25	26.4	0.0134	0.0139	0.0138	8.63e-3	7.51e-5	4.36e-5	63.8	14%	75%	55%	
10.0	1.56	14.2	0.0102	0.0105	0.0105	6.6e-3	4.5e-5	2.86e-5	72.8	14%	75%	67%	
15.0	0.971	10.3	7.86e-3	8.04e-3	8.01e-3	5.23e-3	2.97e-5	2.e-5	84.7	14%	75%	73%	
20.0	0.698	9.73	6.41e-3	6.54e-3	6.52e-3	4.36e-3	2.14e-5	1.45e-5	93.9	14%	75%	79%	

Compliance evaluation (Field values at the peak frequency) (f=114.80 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	3.28	39.4	0.113	7.11e-5	3.28	39.4	0.0129	7.11e-5	3.28	39.4	0.0639	7.11e-5	3.28	39.4	N/A	1.36e-4	3.28	39.4	0.165	1.36e-4
5.00	2.25	26.4	0.0780	4.41e-5	2.25	26.4	9.26e-3	4.41e-5	2.25	26.4	0.0437	4.41e-5	2.25	26.4	N/A	7.57e-5	2.25	26.4	0.114	7.57e-5
10.0	1.56	14.2	0.0607	2.87e-5	1.56	14.2	6.94e-3	2.87e-5	1.56	14.2	0.0336	2.87e-5	1.56	14.2	N/A	4.51e-5	1.56	14.2	0.0878	4.51e-5
15.0	0.971	10.3	0.0480	2.00e-5	0.971	10.3	5.48e-3	2.00e-5	0.971	10.3	0.0263	2.00e-5	0.971	10.3	N/A	2.97e-5	0.971	10.3	0.0692	2.97e-5
20.0	0.698	9.73	0.0401	1.45e-5	0.698	9.73	4.59e-3	1.45e-5	0.698	9.73	0.0218	1.45e-5	0.698	9.73	N/A	2.15e-5	0.698	9.73	0.0577	2.15e-5

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

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	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH
0.00	-16.1	-22.3	47.9	109.0	-26.0	-6.75	-3.66	47.6	6.94	-6.75	-33.9	-39.7	30.5	67.8	-30.0	-6.75	6.07	16.8	N/A	-5.78	-28.8	-5.75	47.9	N/A	-25.4	-5.78
5.00	-19.4	-25.6	44.4	105.0	-29.4	-10.2	-6.93	44.2	3.47	-10.2	-37.2	-43.0	27.0	64.3	-33.5	-10.2	2.81	13.3	N/A	-9.26	-32.0	-9.02	44.4	N/A	-28.9	-9.26
10.0	-22.6	-28.7	39.0	99.7	-34.3	-15.6	-10.1	38.8	-1.81	-15.6	-40.4	-46.2	21.7	58.9	-38.6	-15.6	-0.38	7.97	N/A	-14.6	-35.2	-12.2	39.0	N/A	-33.5	-14.6
15.0	-26.7	-32.9	36.2	96.9	-36.9	-18.4	-14.2	36.0	-4.61	-18.4	-44.5	-50.3	18.8	56.1	-41.3	-18.4	-4.5	5.14	N/A	-17.5	-39.3	-16.3	36.2	N/A	-36.1	-17.5
20.0	-29.6	-35.7	35.8	96.4	-37.6	-18.9	-17.1	35.5	-5.11	-18.9	-47.4	-53.1	18.4	55.7	-41.9	-18.9	-7.37	4.69	N/A	-17.9	-42.2	-19.2	35.8	N/A	-36.9	-17.9

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.67, 5.76, 5.89, 6.07, 6.21]$, $w_{E_{ind}, local} = [8.01, 8.13, 8.32, 8.58, 8.77]$, $w_{E_{ind}, line\ avg.} = [3.07, 3.11, 3.17, 3.24, 3.30]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
X6879-FCC-Rear

Serial number:
X6879-FCC-Rear

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2025/10/15

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 25.87 mm, y: -29.66 mm, z: 39.20 mm

Dimensions:
x: 168.6 mm, y: 124.7 mm, z: 36.7 mm

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

Completed on:
2025/12/20 02:29:11

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 1.40 A/m

x: 145.77 mA/m, **y**: 80.40 mA/m, **z**: 1.39 A/m

Maximum H-field location relative to DUT:

x: 11.00 mm, **y**: 3.67 mm, **z**: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 49.60 V/m

x: 423.33 mV/m, **y**: 840.07 mV/m, **z**: 49.59 V/m

Maximum E-field location relative to DUT:

x: 0.00 m, **y**: 0.00 m, **z**: 0.00 m

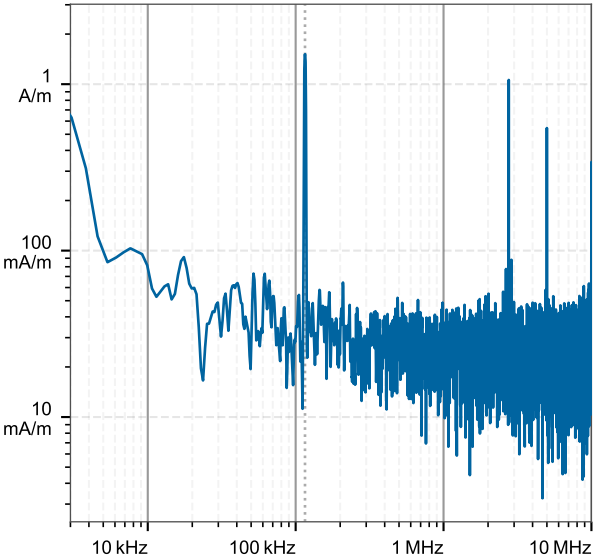
Distance to -20.0 dB boundary:

32.80 mm

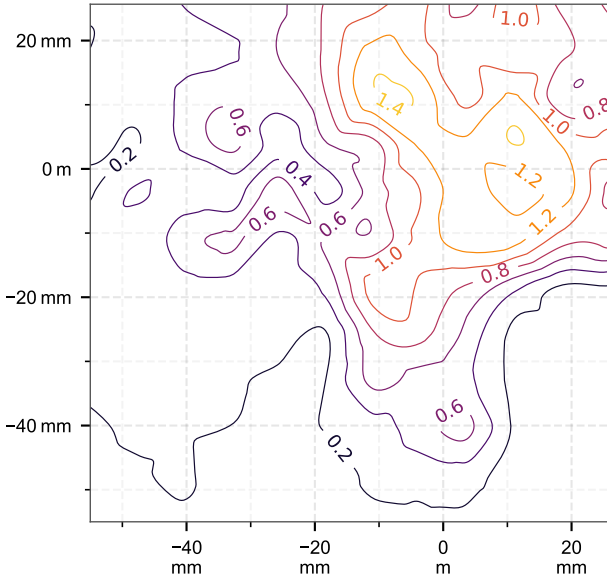
Offset relative to DUT:

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 = 113.88 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/m ² , 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]			Boundary effect
0.00	2.92	49.6	0.0163	0.0167	0.0168	0.0104	1.13e-4	4.48e-5		40.2	41%	50%	100%
5.00	1.96	34.8	0.011	0.0114	0.0113	7.08e-3	5.43e-5	2.23e-5		41.3	41%	50%	100%
10.0	1.18	21.2	7.82e-3	8.09e-3	8.02e-3	5.02e-3	2.72e-5	1.16e-5		44.5	41%	50%	100%
15.0	0.752	17.5	5.52e-3	5.68e-3	5.62e-3	3.65e-3	1.42e-5	6.36e-6		46.1	41%	50%	100%
20.0	0.551	17.1	4.12e-3	4.28e-3	4.21e-3	2.69e-3	7.67e-6	3.71e-6		46.3	41%	50%	100%

Compliance evaluation (Field values at the peak frequency) (f=113.88 kHz, total field evaluation, coverage evaluation)

Distance	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
[mm]	[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	2.92	49.6	0.0894	4.67e-5	2.92	49.6	0.0115	4.67e-5	2.92	49.6	0.0512	4.67e-5	2.92	49.6	N/A	1.15e-4	2.92	49.6	0.129	1.15e-4
5.00	1.96	34.8	0.0605	2.33e-5	1.96	34.8	7.91e-3	2.33e-5	1.96	34.8	0.0345	2.33e-5	1.96	34.8	N/A	5.52e-5	1.96	34.8	0.0881	5.52e-5
10.0	1.18	21.2	0.0435	1.2e-5	1.18	21.2	5.53e-3	1.2e-5	1.18	21.2	0.0246	1.2e-5	1.18	21.2	N/A	2.75e-5	1.18	21.2	0.0632	2.75e-5
15.0	0.752	17.5	0.0309	6.60e-6	0.752	17.5	4.07e-3	6.60e-6	0.752	17.5	0.0174	6.60e-6	0.752	17.5	N/A	1.44e-5	0.752	17.5	0.0446	1.44e-5
20.0	0.551	17.1	0.0232	3.93e-6	0.551	17.1	3.10e-3	3.93e-6	0.551	17.1	0.0132	3.93e-6	0.551	17.1	N/A	7.89e-6	0.551	17.1	0.0338	7.89e-6

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

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	N/A	N/A							NS	TH	NS	TH		
0.00	-17.1	-23.4	0.32	-30.6	-44.6	-75.9	-4.68	0.09	-25.3	-75.9	-34.9	-40.8	-17.1	-28.1	-53.2	-75.9	5.05	-17.0	N/A	-71.3	-29.8	-6.84	0.32	N/A	-41.4	-71.3
5.00	-20.6	-26.8	-2.77	-33.7	-48.0	-78.9	-8.11	-3.0	-28.5	-78.9	-38.4	-44.2	-20.1	-31.2	-56.6	-78.9	1.62	-20.1	N/A	-74.4	-33.2	-10.3	-2.77	N/A	-44.8	-74.4
10.0	-25.0	-31.2	-7.07	-38.0	-50.9	-81.9	-12.5	-7.3	-31.7	-81.9	-42.8	-48.6	-24.5	-35.5	-59.5	-81.9	-2.8	-24.4	N/A	-77.5	-37.6	-14.7	-7.07	N/A	-47.7	-77.5
15.0	-28.9	-35.1	-8.71	-39.7	-53.8	-84.4	-16.5	-8.94	-34.3	-84.4	-46.7	-52.6	-26.1	-37.2	-62.5	-84.4	-6.72	-26.0	N/A	-80.3	-41.6	-18.6	-8.71	N/A	-50.7	-80.3
20.0	-31.6	-37.9	-8.95	-39.9	-56.3	-86.4	-19.2	-9.18	-36.5	-86.4	-49.4	-55.3	-26.3	-37.4	-64.9	-86.4	-9.42	-26.2	N/A	-82.7	-44.3	-21.3	-8.95	N/A	-53.1	-82.7

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.40, 5.42, 5.47, 5.49, 5.49]$, $w_{E_{ind}, local} = [7.63, 7.65, 7.72, 7.76, 7.76]$, $w_{E_{ind}, line\ avg.} = [2.96, 2.97, 2.99, 3.00, 3.00]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
X6879-FCC-Right

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2025/10/15

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 93.33 mm, y: -29.63 mm, z: 113.64 mm

Dimensions:
x: 80.7 mm, y: 80.6 mm, z: 37.0 mm

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

Completed on:
2025/12/19 22:08:25

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 54.11 mA/m

x: 24.03 mA/m, y: 2.15 mA/m, z: 48.43 mA/m

Maximum H-field location relative to DUT:

x: -55.00 mm, y: 25.67 mm, z: 30.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 2.26 V/m

x: 321.36 mV/m, y: 348.97 mV/m, z: 2.21 V/m

Maximum E-field location relative to DUT:

x: 7.33 mm, y: -44.00 mm, z: 0.00 mm

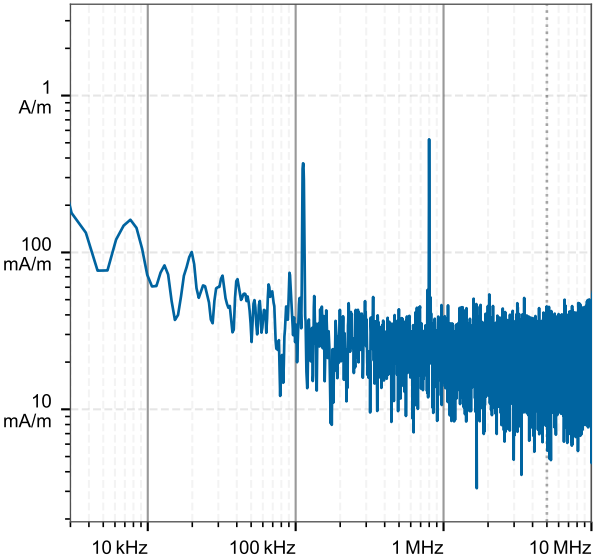
Distance to -20.0 dB boundary:

NaN

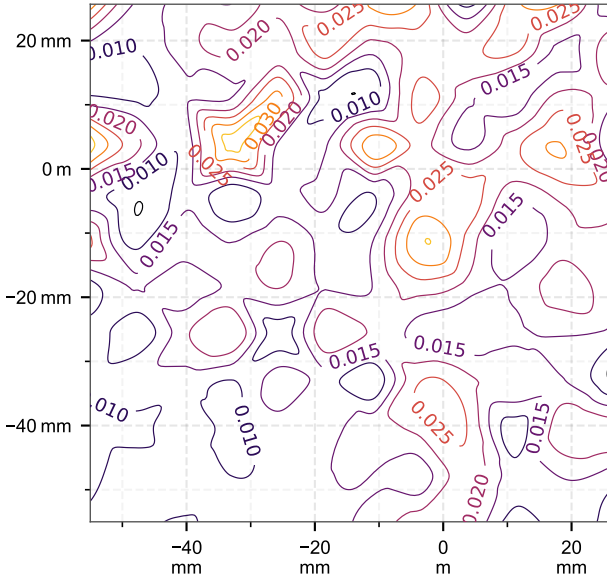
Offset relative to DUT:

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 = 632.42 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/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	0.121	2.26	1.60e-3	1.69e-3	1.68e-3	9.17e-4	7.86e-7	3.92e-7		43.6	57%	193%	100%
5.00	0.0532	1.80	1.14e-3	1.21e-3	1.18e-3	6.77e-4	4.26e-7	2.51e-7		45.1	57%	193%	100%
10.0	0.0511	1.44	1.05e-3	1.11e-3	1.09e-3	6.34e-4	3.79e-7	2.31e-7		45.9	57%	193%	100%
15.0	0.0512	1.54	9.51e-4	1.02e-3	9.57e-4	6.09e-4	3.47e-7	2.17e-7		46.2	57%	193%	100%
20.0	0.0512	1.56	9.38e-4	9.82e-4	9.48e-4	5.27e-4	2.86e-7	1.92e-7		46.1	57%	193%	100%

Compliance evaluation (Field values at the peak frequency) (f=632.42 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	0.121	2.26	9.13e-3	5.12e-7	0.121	2.26	1.22e-3	5.12e-7	0.121	2.26	5.4e-3	5.12e-7	0.121	2.26	N/A	9.07e-7	0.121	2.26	0.0134	9.07e-7
5.00	0.0532	1.80	6.56e-3	3.27e-7	0.0532	1.80	9.16e-4	3.27e-7	0.0532	1.80	3.85e-3	3.27e-7	0.0532	1.80	N/A	5.03e-7	0.0532	1.80	9.68e-3	5.03e-7
10.0	0.0511	1.44	6.03e-3	2.81e-7	0.0511	1.44	8.27e-4	2.81e-7	0.0511	1.44	3.51e-3	2.81e-7	0.0511	1.44	N/A	4.28e-7	0.0511	1.44	8.89e-3	4.28e-7
15.0	0.0512	1.54	5.5e-3	2.73e-7	0.0512	1.54	8.15e-4	2.73e-7	0.0512	1.54	3.14e-3	2.73e-7	0.0512	1.54	N/A	4.03e-7	0.0512	1.54	8.17e-3	4.03e-7
20.0	0.0512	1.56	5.43e-3	2.49e-7	0.0512	1.56	7.34e-4	2.49e-7	0.0512	1.56	3.12e-3	2.49e-7	0.0512	1.56	N/A	3.44e-7	0.0512	1.56	7.89e-3	3.44e-7

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

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	N/A	N/A							NS	TH	NS	TH		
0.00	-44.8	-36.1	23.7	12.1	-51.2	-77.6	-19.6	16.4	-17.4	-77.6	-62.6	-53.5	6.35	28.0	-55.1	-77.6	-22.6	-5.03	N/A	-76.6	-57.4	-19.6	23.7	N/A	-51.0	-76.6
5.00	-51.9	-43.3	21.7	10.1	-53.2	-79.6	-26.7	14.4	-19.4	-79.6	-69.7	-60.7	4.36	26.0	-57.1	-79.6	-29.7	-7.01	N/A	-78.6	-64.6	-26.7	21.7	N/A	-53.1	-78.6
10.0	-52.3	-43.6	19.8	8.21	-55.1	-81.5	-27.1	12.5	-21.3	-81.5	-70.1	-61.0	2.47	24.1	-59.0	-81.5	-30.1	-8.91	N/A	-80.5	-64.9	-27.1	19.8	N/A	-54.9	-80.5
15.0	-52.3	-43.6	20.4	8.79	-54.5	-80.9	-27.1	13.0	-20.7	-80.9	-70.1	-61.0	3.04	24.7	-58.5	-80.9	-30.1	-8.34	N/A	-79.9	-64.9	-27.1	20.4	N/A	-54.4	-79.9
20.0	-52.3	-43.6	20.5	8.86	-54.5	-80.9	-27.1	13.1	-20.6	-80.9	-70.1	-61.0	3.11	24.7	-58.4	-80.9	-30.1	-8.26	N/A	-79.9	-64.9	-27.1	20.5	N/A	-54.3	-79.9

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.45, 5.48, 5.49, 5.49, 5.49]$, $w_{E_{ind}, local} = [7.70, 7.74, 7.75, 7.76, 7.76]$, $w_{E_{ind}, line\ avg.} = [2.98, 2.99, 3.00, 3.00, 3.00]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
X6879-FCC-Top

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2025/10/15

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 70.70 mm, y: -39.26 mm, z: 176.68 mm

Dimensions:
x: 80.7 mm, y: 80.7 mm, z: 37.0 mm

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

Completed on:
2025/12/19 22:33:49

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 134.94 mA/m

x: 88.97 mA/m, **y**: 94.86 mA/m, **z**: 35.99 mA/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: 35.50 V/m

x: 526.32 mV/m, **y**: 808.24 mV/m, **z**: 35.49 V/m

Maximum E-field location relative to DUT:

x: 0.00 m, **y**: 0.00 m, **z**: 0.00 m

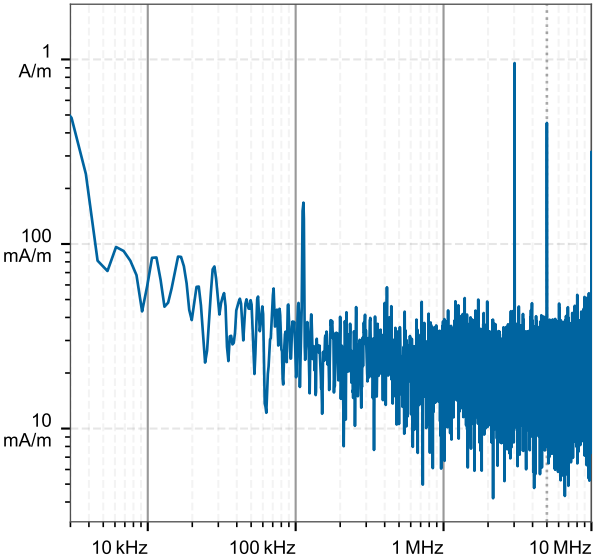
Distance to -20.0 dB boundary:

30.24 mm

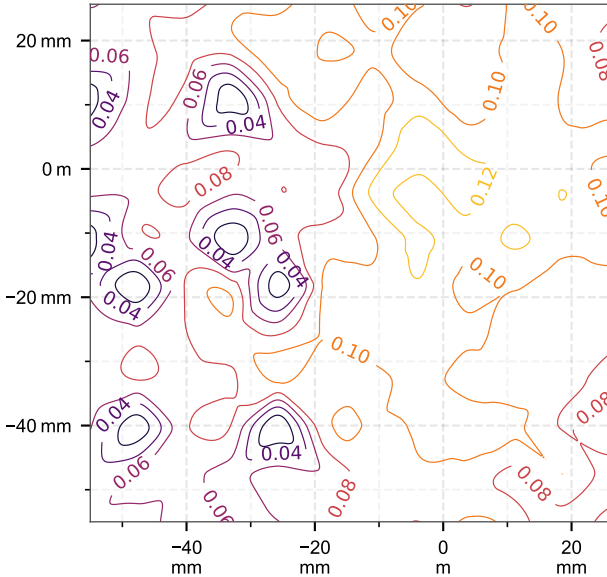
Offset relative to DUT:

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 = 131.11 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/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	0.222	35.5	1.98e-3	2.02e-3	2.03e-3	1.27e-3	1.57e-6	8.94e-7	46.3	28%	48%	76%	
5.00	0.162	22.6	1.56e-3	1.61e-3	1.60e-3	1.01e-3	1.13e-6	6.61e-7	46.3	28%	48%	93%	
10.0	0.121	10.7	1.29e-3	1.33e-3	1.32e-3	8.38e-4	7.85e-7	4.43e-7	46.3	28%	48%	100%	
15.0	0.0982	7.50	1.04e-3	1.07e-3	1.06e-3	6.78e-4	5.41e-7	3.22e-7	46.3	28%	48%	100%	
20.0	0.0882	7.07	9.24e-4	9.44e-4	9.37e-4	6.27e-4	4.53e-7	2.46e-7	46.3	28%	48%	97%	

Compliance evaluation (Field values at the peak frequency) (f=131.11 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	0.222	35.5	0.0122	2.18e-6	0.222	35.5	2.25e-3	2.18e-6	0.222	35.5	7.41e-3	2.18e-6	0.222	35.5	N/A	2.86e-6	0.222	35.5	0.0170	2.86e-6
5.00	0.162	22.6	9.42e-3	1.18e-6	0.162	22.6	1.63e-3	1.18e-6	0.162	22.6	5.63e-3	1.18e-6	0.162	22.6	N/A	1.65e-6	0.162	22.6	0.0133	1.65e-6
10.0	0.121	10.7	7.50e-3	5.60e-7	0.121	10.7	1.13e-3	5.60e-7	0.121	10.7	4.36e-3	5.60e-7	0.121	10.7	N/A	9.02e-7	0.121	10.7	0.0107	9.02e-7
15.0	0.0982	7.50	5.98e-3	3.8e-7	0.0982	7.50	8.86e-4	3.8e-7	0.0982	7.50	3.46e-3	3.8e-7	0.0982	7.50	N/A	5.98e-7	0.0982	7.50	8.55e-3	5.98e-7
20.0	0.0882	7.07	5.33e-3	2.97e-7	0.0882	7.07	8.22e-4	2.97e-7	0.0882	7.07	3.07e-3	2.97e-7	0.0882	7.07	N/A	5.04e-7	0.0882	7.07	7.59e-3	5.04e-7

Coverage factors: w_{E_{ind}, cube avg.} = [5.49, 5.49, 5.49, 5.49, 5.49], w_{E_{ind}, local} = [7.76, 7.76, 7.76, 7.76, 7.76], w_{E_{ind}, line avg.} = [3.00, 3.00, 3.00, 3.00, 3.00]

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

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	N/A	N/A							NS	TH	NS	TH		
0.00	-39.5	-44.5	63.9	55.3	-11.4	-51.7	-27.1	56.6	22.7	-51.7	-57.3	-62.0	46.5	77.6	-15.2	-51.7	-17.3	35.1	N/A	-50.7	-52.2	-28.0	63.9	N/A	-11.4	-50.7
5.00	-42.2	-47.2	59.9	51.4	-15.3	-55.6	-29.8	52.6	18.8	-55.6	-60.0	-64.7	42.5	73.7	-19.1	-55.6	-20.0	31.2	N/A	-54.7	-54.9	-30.7	59.9	N/A	-15.3	-54.7
10.0	-44.8	-49.8	53.5	44.9	-21.7	-62.1	-32.4	46.2	12.3	-62.1	-62.6	-67.2	36.1	67.2	-25.6	-62.1	-22.6	24.7	N/A	-61.1	-57.5	-33.3	53.5	N/A	-21.7	-61.1
15.0	-46.6	-51.6	50.4	41.8	-24.8	-65.2	-34.1	43.1	9.21	-65.2	-64.4	-69.0	33.0	64.1	-28.7	-65.2	-24.4	21.6	N/A	-64.2	-59.2	-35.1	50.4	N/A	-24.8	-64.2
20.0	-47.5	-52.5	49.8	41.3	-25.4	-65.7	-35.1	42.6	8.69	-65.7	-65.3	-70.0	32.5	63.6	-29.2	-65.7	-25.3	21.1	N/A	-64.7	-60.2	-36.0	49.8	N/A	-25.3	-64.7

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.49, 5.49, 5.49, 5.49, 5.49]$, $w_{E_{ind}, local} = [7.76, 7.76, 7.76, 7.76, 7.76]$, $w_{E_{ind}, line\ avg.} = [3.00, 3.00, 3.00, 3.00, 3.00]$