

Annex B: Measurement Results
Tested Model : W0300XA
Report Number: WSCT-ANAB-R&E241100059A--SAR

cDASY6 Module WPT Measurement Report

Device under test

Info:
W0300XA FCC Front

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, 2024/11/01

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
X: -6.35 mm, Y: 122.33 mm, Z: 31.61 mm

Dimensions:
X: 212.0 mm, Y: 212.7 mm, Z: 36.7 mm

Resolution:
X: 7.33 mm, Y: 7.33 mm, Z: 7.33 mm

Completed on:
2025/03/29 23:24:52

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 4.47 A/m

x: 962.55 mA/m, **y:** 2.81 A/m, **z:** 3.34 A/m

Maximum H-field location relative to DUT:

x: 3.67 mm, **y:** 25.67 mm, **z:** 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 341.51 V/m

x: 3.02 V/m, **y:** 4.55 V/m, **z:** 341.47 V/m

Maximum E-field location relative to DUT:

x: 7.33 mm, **y:** 7.33 mm, **z:** 0.00 mm

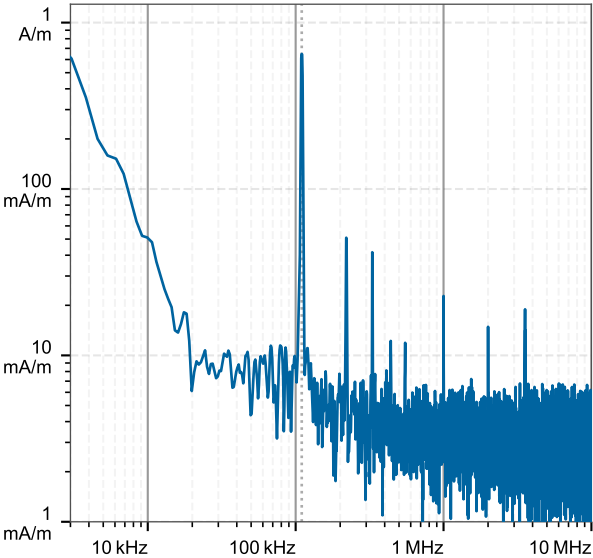
Distance to -20.0 dB boundary:

30.24 mm

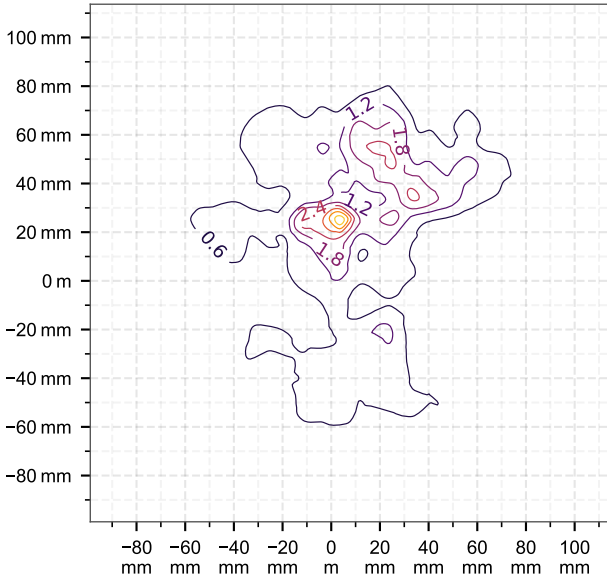
Offset relative to DUT:

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 = 122.20 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	6.38	342	0.0265	0.0275	0.0276	0.0159	2.49e-4	1.42e-4	61.5	45%	173%	75%	
5.00	4.03	213	0.0205	0.0208	0.0203	0.0136	1.89e-4	1.05e-4	68.5	45%	173%	100%	
10.0	3.70	97.4	0.0187	0.0196	0.0192	0.0115	1.34e-4	7.97e-5	66.6	45%	173%	100%	
15.0	2.47	71.7	0.0152	0.0159	0.0156	9.48e-3	1.12e-4	6.56e-5	79.4	45%	173%	100%	
20.0	1.84	68.3	0.0137	0.0141	0.0140	8.81e-3	9.58e-5	5.40e-5	91.1	45%	173%	100%	

Compliance evaluation (Field values at the peak frequency) (f=122.20 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	6.38	342	0.164	2.46e-4	6.38	342	0.0247	2.46e-4	6.38	342	0.0972	2.46e-4	6.38	342	N/A	3.52e-4	6.38	342	0.234	3.52e-4
5.00	4.03	213	0.127	1.45e-4	4.03	213	0.0191	1.45e-4	4.03	213	0.0712	1.45e-4	4.03	213	N/A	2.29e-4	4.03	213	0.179	2.29e-4
10.0	3.70	97.4	0.112	8.81e-5	3.70	97.4	0.014	8.81e-5	3.70	97.4	0.0633	8.81e-5	3.70	97.4	N/A	1.43e-4	3.70	97.4	0.164	1.43e-4
15.0	2.47	71.7	0.0933	7.01e-5	2.47	71.7	0.0113	7.01e-5	2.47	71.7	0.0525	7.01e-5	2.47	71.7	N/A	1.16e-4	2.47	71.7	0.137	1.16e-4
20.0	1.84	68.3	0.0868	5.82e-5	1.84	68.3	0.0106	5.82e-5	1.84	68.3	0.0485	5.82e-5	1.84	68.3	N/A	9.99e-5	1.84	68.3	0.125	9.99e-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		
0.00	-10.3	-16.0	16.5	-16.5	-39.7	-67.9	2.12	13.7	-18.2	-67.9	-28.1	-33.4	-0.85	-11.8	-47.8	-67.9	11.9	2.58	N/A	-65.7	-23.0	0.57	16.5	N/A	-36.7	-65.7
5.00	-14.3	-20.0	12.4	-20.6	-42.0	-70.5	-1.87	9.61	-20.7	-70.5	-32.1	-37.4	-4.95	-15.9	-50.6	-70.5	7.86	-1.52	N/A	-67.9	-27.0	-3.42	12.4	N/A	-39.1	-67.9
10.0	-15.1	-20.7	5.63	-27.4	-43.2	-73.2	-2.61	2.82	-23.9	-73.2	-32.9	-38.1	-11.7	-22.7	-51.8	-73.2	7.13	-8.32	N/A	-70.3	-27.7	-4.15	5.63	N/A	-39.9	-70.3
15.0	-18.6	-24.2	2.97	-30.1	-44.8	-74.3	-6.13	0.16	-25.8	-74.3	-36.4	-41.6	-14.4	-25.3	-53.5	-74.3	3.6	-11.0	N/A	-71.3	-31.2	-7.68	2.97	N/A	-41.5	-71.3
20.0	-21.1	-26.8	2.55	-30.5	-45.4	-75.1	-8.67	-0.27	-26.4	-75.1	-38.9	-44.2	-14.8	-25.8	-54.2	-75.1	1.06	-11.4	N/A	-71.9	-33.8	-10.2	2.55	N/A	-42.3	-71.9

Coverage factors: $w_{E_{ind}, cube\ avg.} = [5.72, 5.83, 5.80, 5.99, 6.17]$, $w_{E_{ind}, local} = [8.08, 8.23, 8.19, 8.46, 8.71]$, $w_{E_{ind}, line\ avg.} = [3.10, 3.14, 3.13, 3.21, 3.29]$