

Annex A201 - Test Results

No. 1-0701-25-02-12_TR1-A201-R01

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Description

Test results and system checks

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Digitally signed by
Marco Scigliano@cetecomadv
anced.com
Date: 2026.03.03 12:41:13

authorized by

Marco Scigliano

Testing Manager
Radio Labs

1. SAR results

				psSAR			
				(mW/kg, rms)			
				LIMIT: 1600		Limit: 4000	
				1g avg.		10g avg.	
DUT	frequency [kHz]	Peak H _{inc} (A/m, rms)	Peak E _{inc} (V/m, rms)	Meas.	Rep.*	Meas.	Rep.*
CW	360.36	1018	345	37.1	38.2	15.6	16.1
CW	127.66	2939	532	38.5	39.7	16.1	16.6

*) SAR values were up-scaled to compensate for the unfulfilled Uncertainty budget by factor 1.03

Max SAR W/kg(1g): 0.040

Max SAR W/kg(10g): 0.017

Test distance for the test above was 0mm / touch at the EUT surface.

Sample / Serial number: S8W-00126.09.2503420144

2. Result for CW 360.00 kHz

Device under test

- Info360kHz_CW
- Serial number: S8W-00126.09.2503420144
- ScenarioStart position is probe centered on EUT surface / Min. peak search frequency [kHz] 280 Max. peak search frequency [kHz] 440 Pulse repetition interval [s] 0.2

Tool info

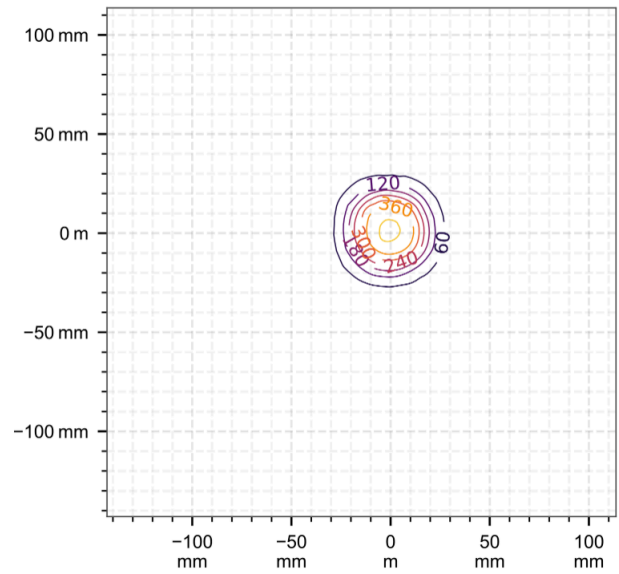
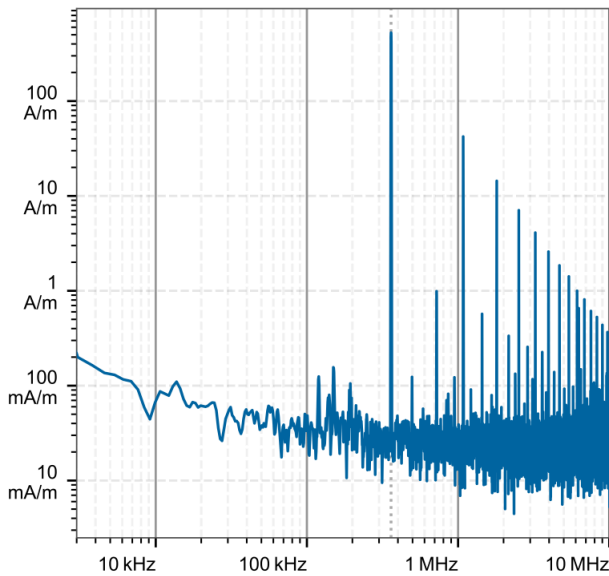
- DASY software versionDASY8 Module WPT 3.4.0.6944
- Probe model, serial no. and configuration dateMAGPy-8H3D+E3Dv2, WP000009, 2025/11/11
- Software version3.4.0, backend: 3.2.21
- Hardware versionFPGA: 100, FW: N/A

Scan info

- Center locationx: 0.00 m, y: 0.00 m, z: 55.00 mm
- Dimensionsx: 257.0 mm, y: 257.0 mm, z: 36.7 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm
- Completed on2026/02/24 10:49:44

Measurement results

- Maximum H-field [rms]magnitude:425.10 A/mx: 77.34 A/m, y: 40.87 A/m, z: 416.00 A/m
- Maximum H-field location relative to DUTx: -3.67 mm, y: 3.67 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:344.72 V/mx: 19.52 V/m, y: 746.43 mV/m, z: 344.16 V/m
- Maximum E-field location relative to DUTx: 0.00 m, y: 7.33 mm, z: 0.00 m
- Distance to -20.0 dB boundary29.33 mm
- Offset relative to DUTx: 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

$f = 360.36 \text{ kHz}$, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$

Dist. [mm]	Peak incident fields [rms]		psSAR [mW/kg]		H-field extent -20 dB radius [mm]	Warnings		
	Hinc [A/m]	Einc [V/m]	1g avg.	10g avg.		Sign	Vector potential	Boundary effect
0.00	1,018	345	37.1	15.6	30.9	6%	10%	6%

Document generated at 2026/02/24 11:56:04, simulation performed at 2026/02/24 11:54:02 using Sim4Life version 9.0.0.18820

3. Result for CW 127.55 kHz

Device under test

- Info127.55kHz_CW
- Serial number: S8W-00126.09.2503420144
- ScenarioStart position is probe centered on EUT surface / Min. peak search frequency [kHz] 50 Max. peak search frequency [kHz] 210 Pulse repetition interval [s] 0.2

Tool info

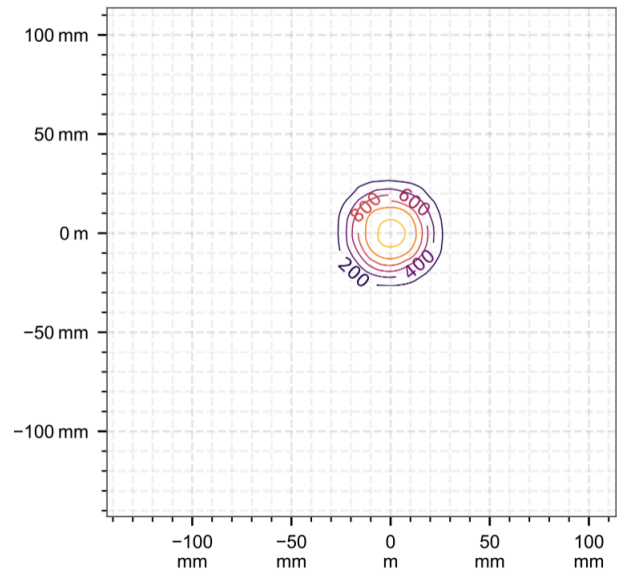
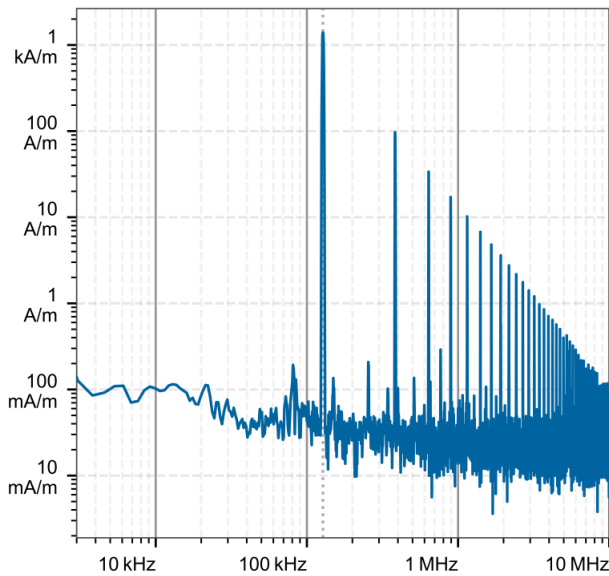
- DASY software versionDASY8 Module WPT 3.4.0.6944
- Probe model, serial no. and configuration dateMAGPy-8H3D+E3Dv2, WP000009, 2025/11/11
- Software version3.4.0, backend: 3.2.21
- Hardware versionFPGA: 100, FW: N/A

Scan info

- Center locationx: -40.00 μm , y: -20.00 μm , z: 53.99 mm
- Dimensionsx: 257.0 mm, y: 257.0 mm, z: 36.7 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm
- Completed on2026/02/18 14:44:57

Measurement results

- Maximum H-field [rms]magnitude:1.23 kA/mx: 261.38 A/m, y: 309.06 A/m, z: 1.16 kA/m
- Maximum H-field location relative to DUTx: -3.67 mm, y: -3.67 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:531.85 V/mx: 661.41 mV/m, y: 7.42 V/m, z: 531.80 V/m
- Maximum E-field location relative to DUTx: 0.00 m, y: 0.00 m, z: 0.00 m
- Distance to -20.0 dB boundary29.33 mm
- Offset relative to DUTx: 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

$f = 127.66 \text{ kHz}$, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$

Dist. [mm]	Peak incident fields [rms]		psSAR [mW/kg]		H-field extent -20 dB radius [mm]	Warnings		
	Hinc [A/m]	Einc [V/m]	1g avg.	10g avg.		Sign	Vector potential	Boundary effect
0.00	2,939	532	39.5	16.1	30.8	4%	10%	7%

Document generated at 2026/02/18 15:04:55, simulation performed at 2026/02/18 15:04:50 using Sim4Life version 9.0.0.18820

4. System Checks 400 kHz

WPT 3.4 - measurement 18/02/2026		Peak Eind (V/m, rms)		Peak Jind (A/m ² , rms)	psSAR (mW/kg)	
Spacing (mm)	Peak Hinc (A/m, rms)	Cube avg.	Line avg.	Surface avg.	1g avg.	10g avg.
0	264	4.24	4.34	2.69	7.14	3.57
target values		Peak Eind (V/m, rms)		Peak Jind (A/m ² , rms)	psSAR (mW/kg)	
Spacing (mm)	Peak Hinc (A/m, rms)	Cube avg.	Line avg.	Surface avg.	1g avg.	10g avg.
0	280	4.42	4.53	2.79	7.67	3.79
Comparison (in dB)		Peak Eind (V/m, rms)		Peak Jind (A/m ² , rms)	psSAR (mW/kg)	
Spacing (mm)	Peak Hinc (A/m, rms)	Cube avg.	Line avg.	Surface avg.	1g avg.	10g avg.
0	-0.42	-0.28	-0.31	-0.25	-0.20	-0.14

WPT 3.4 - measurement 24/02/2026		Peak Eind (V/m, rms)		Peak Jind (A/m ² , rms)	psSAR (mW/kg)	
Spacing (mm)	Peak Hinc (A/m, rms)	Cube avg.	Line avg.	Surface avg.	1g avg.	10g avg.
0	270	4.37	4.47	2.77	7.58	3.8
target values		Peak Eind (V/m, rms)		Peak Jind (A/m ² , rms)	psSAR (mW/kg)	
Spacing (mm)	Peak Hinc (A/m, rms)	Cube avg.	Line avg.	Surface avg.	1g avg.	10g avg.
0	280	4.42	4.53	2.79	7.67	3.79
Comparison (in dB)		Peak Eind (V/m, rms)		Peak Jind (A/m ² , rms)	psSAR (mW/kg)	
Spacing (mm)	Peak Hinc (A/m, rms)	Cube avg.	Line avg.	Surface avg.	1g avg.	10g avg.
0	-0.22	-0.02	-0.06	0.00	0.06	0.13

5. Document History

Release	Applied changes	Release date
R01	initial release	March 02, 2026

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