

FCC WPT Compliance Test Report

For

Sony Corporation

1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan

FCC ID: PY7-50337X

Test Engineer: Zeng Longhao *Zeng Longhao*

Report Number: WSCT-ANAB-R&E250200012A-SAR

Report Date: 28 April 2025

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Table of contents

1	General information	3
1.1	Notes	3
1.2	Application details	3
1.3	EUT Information	4
2	Testing laboratory	5
3	ACCREDITATIONS	5
4	Test Environment	6
5	Applicant and Manufacturer	6
6	Test standard/s:	7
7	RF exposure limits	7
8	Measurement System	9
8.1	MAGPy Probe Information	9
8.2	System Description	10
8.3	Measurement procedure	12
8.4	System verification	12
9	Uncertainty	13
10	Test results	16
11	Test equipment and ancillaries used for tests	20

Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Release	20 February 2025	Li Huaibi
REV.1.1	Add Sim4Life algorithms description	11 April 2025	Li Huaibi
REV.1.2	Remove battery information	28 April 2025	Li Huaibi

1 General information

1.1 Notes

The test results of this test report relate exclusively to the test item specified in this test report. Shenzhen Timeway Testing Laboratories does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report is not to be reproduced or published in full without the prior written permission.

1.2 Application details

Date of receipt of test item: 2025-02-16
 Start of test: 2025-02-16
 End of test: 2025-02-19



1.3 EUT Information

Device Information:	
EUT Description:	GSM/WCDMA/LTE/NR Phone with BT, DTS/UNIIa/b/g/n/ac/ax/be, NFC, GNSS and WPT
FCC ID:	PY7-50337X
Trade Name:	Sony
SN:	HQ64B6022F
Device Type:	Portable device
Exposure Category:	uncontrolled environment / general population
Software version :	0.475
Hardware version:	A

Antenna Type	Operation Frequency	Wireless Output	Maximum Coil operating current	Modulation Type
Coil	111-148 kHz	5Watts	5A	ASK&FSK

EUT Methods for Complying with Section §15.203

Permanently attached antenna

Antennas using unique coupling with intentional radiators

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2 Testing laboratory

Test Site	World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.
Laboratory A:	Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China
Laboratory B:	Building J-7F and Building D, Dongjiang Science & Technology Park, Tangjia Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province, China

3 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

CBTL	IECEE (International Electrotechnical Commission, The certificate registration number is TL672)	Laboratory A	<input type="checkbox"/>
		Laboratory B	<input type="checkbox"/>
China	CNAS (The certificated registration number: L3732)	Laboratory A	<input type="checkbox"/>
		Laboratory B	<input type="checkbox"/>
USA	A2LA (The certificated registration number: 5768.01)	Laboratory A	<input type="checkbox"/>
		Laboratory B	<input type="checkbox"/>
USA	ANAB (The certificated registration number: AT-3951)	Laboratory A	<input checked="" type="checkbox"/>
		Laboratory B	<input type="checkbox"/>

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>



4 Test Environment

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Temperature	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 5\%$
H-field	2.11dB
E-field	2.18dB

5 Applicant and Manufacturer

Applicant/Client Name:	Sony Corporation
Applicant Address:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Manufacturer Name:	Sony Corporation
Manufacturer Address:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan



6 Test standard/s:

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	47 CFR Part 1.1310	Maximum Permissible Exposure
3	47 CFR Part 15 Subpart C	Radio Frequency Devices: Intentional Radiators

7 RF exposure limits

<Limit for peak spatial-average SAR>

Pursuant to §1.1310(c):

The SAR limits for general population/uncontrolled exposure are 0.08 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 1.6 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit is 4 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 30 minutes to determine compliance with general population/uncontrolled SAR limits.

<Limits for Maximum Permissible Exposure>

According to §1.1310 (d)(2)

For operations within the frequency range of 300 kHz and 6 GHz (inclusive), the limits for maximum permissible exposure (MPE), derived from whole-body SAR limits and listed in Table 1 in paragraph (e)(1) of this section, may be used instead of whole-body SAR limits as set forth in paragraphs (a) through (c) of this section to evaluate the environmental impact of human exposure to RF radiation as specified in § 1.1307(b) of this part, except for portable devices as defined in § 2.1093 of this chapter as these evaluations shall be performed according to the SAR provisions in § 2.1093.

Pursuant to §1.1310, systems operating under the provisions of this section shall be operated in a manner that in such a manner as to ensure that the public is not exposed to radio frequency energy levels in excess of the Commission guidelines



Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
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(i) LIMITS FOR OCCUPATIONAL/CONTROLLED EXPOSURE

0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6

(ii) LIMITS FOR GENERAL POPULATION/UNCONTROLLED EXPOSURE

0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density

According to KDB 680106 D01 V04 clause 3.2

Accordingly, for § 2.1091-Mobile devices, the MPE limits between 100 kHz to 300 kHz are to be considered the same as those at 300 kHz in Table 1 of § 1.1310, that is, 614 V/m and 1.63 A/m, for the electric field and magnetic field, respectively. For § 2.1093-Portable devices below 4 MHz and down to 100 kHz, the MPE limits in § 1.1310 (with the 300 kHz limit applicable all the way down to 100 kHz) can be used for the purpose of equipment authorization in lieu of SAR evaluations.



8 Measurement System

8.1 MAGPy Probe Information

The full MAGPy-8H3D+E3D V2 probe consists of eight isotropic H-field subprobes and one isotropic E-field subprobe that are all integrated inside the probe head with a flat tip. Each isotropic H-field subprobe comprises three concentric orthogonal loop coil sensors. The isotropic E-field subprobe is composed of three orthogonal sensors (x and y sensors are dipoles and the sensor measuring the z component is a monopole). In total, the MAGPy-8H3D+E3D V2 probe is thus composed of nine subprobes and 27 single sensors that measure in the time-domain. The flat-tip probe design brings the sensors closer to the tip (e.g., the closest H-field sensors are now 7.5mm from the tip). The probe specifications are provided in Table 2.1.

Parameter	Specs
PROBE DESIGN	
Diameter	60 mm
8 isotropic <i>H</i> -field sensors	concentric loops of 1 cm ² arranged at the corner of a cube of 22 mm side length
1 isotropic <i>E</i> -field sensor	orthogonal dipole/monopole (arm length: 50 mm)
Measurement center	18.5 mm from the probe tip
Temperature range	0–40 °C
Dimensions	110 × 635 × 35 mm (MAGPy-8H3D+E3D V2 & MAGPy-DAS V2)
<i>H</i>-FIELD SPECIFICATION	
Frequency range	3 kHz–10 MHz
Measurement range	0.1–3200 A/m, 0.12 μT–4 mT
Gradient range	0–80 T/m/T
<i>E</i>-FIELD SPECIFICATION	
Frequency range	3 kHz–10 MHz
Measurement range	0.08–2000 V/m

Table 2.1: MAGPy-8H3D+E3D V2 probe specifications

Sensor specifications:

- H-field extrapolation uncertainty: 0.6 dB ($k = 2$)



8.2 System Description

General

1. DASY6/8 Module WPT V2.6+ is based on the MAGPy Version 2 technology integrated in DASY6/8 product line for high-precision robot-based evaluations of wireless power transfer (WPT) devices. It is the only system for fully automated compliance testing according to all international standards and national regulations. The precision is achieved by combining the MAGPy system with the DASY robotics system and Sim4Life simulation platform.

2. DASY6/8 Module WPT is composed of the isotropic probe MAGPy-8H3D+E3D Version 2, the reference probe (MAGPy-RA ϕ), and the data acquisition system (MAGPy-DAS) mounted to the DASY6/8 robot via the emergency stop (MAGPy-ES). It measures the incident electric (E-) and magnetic (H-) fields in a volume from the surface of the device under test (DUT) using advanced field reconstructions to obtain a high-resolution (mm range) field distribution. The induced E-field distributions and specific absorption rate (SAR) are assessed with Sim4Life's Quasi-Static EM Solver (P-EM-QS) using only the measured data. At each probe location, eight sets of isotropic H-field values and one set of isotropic E-field values are acquired in parallel. The dedicated graphical user interface (GUI) fully automates the testing workflow.

3. The system is fully compliant IEC PAS 63184, FCC KDB 680106 D01, ISED Canada SPR-002.

Compliance Evaluation

DASY6/8 Module WPT SW version V2.6+ offers compliance evaluation with respect to:

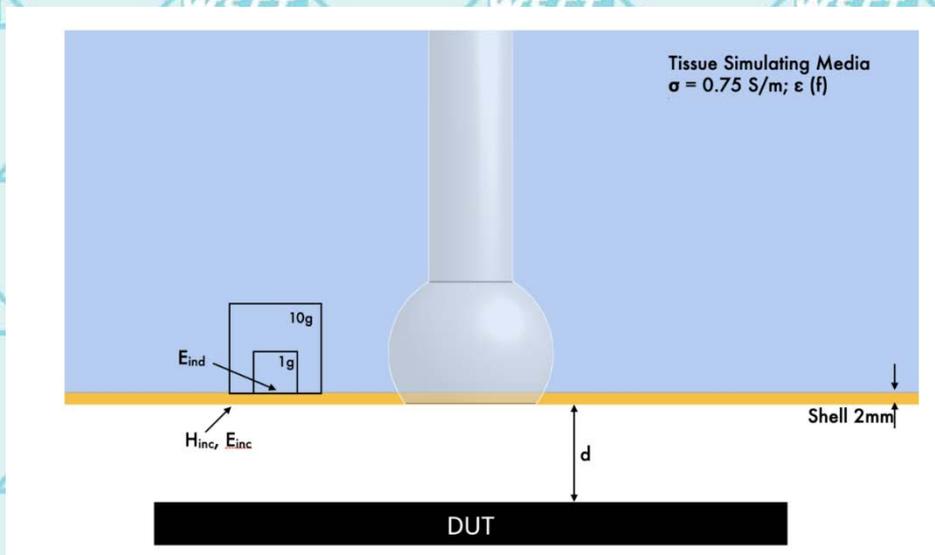
- Reference levels on the basis of the incident H- and E-fields measured from the volume scan
- Basic restrictions on the basis of the peak induced E-field, peak induced current density, and **peak spatial-average SAR** calculated from the Sim4Life simulation.

Since SPEAG release a DASY8/6 Module WPT system (SW Module WPT V2.6+) for E and H-Field measurement, and also the system support Sim4Life plug-in includes the components to import the 3D H-field scan data (Hx, Hy, Hz values in the measurement volume) to the Sim4Life simulation platform. And a magneto quasi-static (MQS) simulation is automatically setup to solve for a lossy halfspace Phantom setup. The lossy half-space has muscle tissue dielectric properties ($\sigma = 0.75$ S/m, $\rho = 1000$ kg/m³), The induced electric (E-) fields and **specific absorption rate (SAR)** are assessed with Sim4Life's Quasi-Static EM Solver (P-EM-QS) using only the measured data.

The post-processing engine determines the maximum induced E-field, current density, and SAR values in a homogeneous half-space of muscle tissue equivalent media (half-space muscle phantom) positioned at the compliance distance. In general, the compliance distance corresponds to the closest point (with respect to the exposure source) the human body (e.g., a part of the hand) can reach during the operation of the source.

The relative dielectric constant, conductivity, and mass density of the homogeneous phantom used in the simulations were 55, 0.75 S/m, and 1000 kg/m³ respectively, which correspond to the phantom.

Simulation Results



Distance used in the tables for simulation and compliance evaluation results is defined as the spacing between the top surface of the DUT and the bottom surface of the fictive phantom shell (with a thickness of 2mm). In this case, the evaluation is made at distance d . Typically $d = 0$, i.e., at the DUT surface. The evaluation locations of the incident fields (i.e., H_{inc} and E_{inc}) as well as the induced fields (e.g., E_{ind} , psSAR1g, and psSAR10g) are also illustrated.

The following figure shows the system.



8.3 Measurement procedure

Place the EUT on the test bench to stimulate the wireless charging mode, manually adjust the initial position of the probe to the highest center point of the EUT horizontal plane, the distance between a piece of A4 paper, set up the parameters in the WPT software to test

Six aspects of the EUT were tested successively, and H-field,E-field,PsSAR were obtained after the test, and the results were recorded

8.4 System verification

Below table shows the target value and measured value after normalized to 1A and comparing to the Target value provided by SPEAG calibration, the verification data should be within its specification of 1.33dB(16.6%,k=2)

Test Date	Calibrated Parameters (kHz)	Distance (mm)	Target H-field (A/m)	Measurement H-field(A/m)	Drift
2025.01.22	3	2	150	153	2.00%
2024.11.01	85	2	189	200	5.82%
2025.01.18	400	2	249	232	6.83%



9 Uncertainty

The following uncertainties are provided and confirmed by SPEAG

DASY8 Uncertainty Budget for Peak Incident *H*-field according to IEC/IEEE 63184

Item	Error Description	Unc. Value (±dB)	Probab. Distr.	Div.	(<i>c_i</i>)	Std. Unc. (±dB)
Measurement system						
1	Amplitude calibration uncertainty	0.35	N	1	1	0.35
2	Probe anisotropy	0.6	R	$\sqrt{2}$	1	0.35
3	Probe dynamic linearity	0.2	R	$\sqrt{2}$	1	0.12
4	Probe frequency domain response	0.3	R	$\sqrt{2}$	1	0.17
5	Probe frequency linear interp. fit	0.15	R	$\sqrt{2}$	1	0.09
6	Spatial averaging	0.1	R	$\sqrt{2}$	1	0.06
7	Parasitic E-field sensitivity	0.1	R	$\sqrt{2}$	1	0.06
8	Detection limit	0.15	R	$\sqrt{2}$	1	0.09
9	Readout electronics	0	N	1	1	0
10	Probe positioning	0.19	N	1	1	0.19
11	Repeatability	0.1	N	1	1	0.10
12	Surface field reconstruction	0.3	N	1	1	0.3
Combined uncertainty (<i>k</i> = 1)						0.67
Expanded uncertainty (<i>k</i> = 2)						1.33 (16.6%)

DASY8 Uncertainty Budget for Incident *E*-field according to IEC/IEEE 63184

Item	Error Description	Unc. Value (±dB)	Probab. Distr.	Div.	(<i>c_i</i>)	Std. Unc. (±dB)
Measurement system						
1	Amplitude calibration uncertainty	0.53	N	1	1	0.53
2	Probe anisotropy	0.8	R	$\sqrt{2}$	1	0.46
3	Probe dynamic linearity	1	R	$\sqrt{2}$	1	0.58
4	Probe frequency domain response	0.3	R	$\sqrt{2}$	1	0.17
5	Probe frequency linear interp. fit	0.15	R	$\sqrt{2}$	1	0.09
6	Parasitic H-field sensitivity	0.2	R	$\sqrt{2}$	1	0.12
7	Detection limit	0.15	R	$\sqrt{2}$	1	0.09
8	Readout electronics	0	N	1	1	0
9	Repeatability	0.1	N	1	1	0.10
Combined uncertainty (<i>k</i> = 1)						0.95
Expanded uncertainty (<i>k</i> = 2)						1.89 (24.4%)



DASY8 Uncertainty Budget for psSAR1g
according to IEC/IEEE 63184

Item	Error Description	Unc. Value (±dB)	Probab. Distr.	Div.	(<i>c_i</i>)	Std. Unc. (±dB)
Measurement system						
1	Amplitude calibration uncertainty	0.35	N	1	1	0.35
2	Probe anisotropy	0.6	R	$\sqrt{3}$	1	0.35
3	Probe dynamic linearity	0.2	R	$\sqrt{3}$	1	0.12
4	Probe frequency domain response	0.3	R	$\sqrt{3}$	1	0.17
5	Probe frequency linear interp. fit	0.15	R	$\sqrt{3}$	1	0.09
6	Spatial averaging	0.1	R	$\sqrt{3}$	1	0.06
7	Parasitic E-field sensitivity	0.1	R	$\sqrt{3}$	1	0.06
8	Detection limit	0.15	R	$\sqrt{3}$	1	0.09
9	Readout electronics	0	N	1	1	0
10	Probe positioning	0.19	N	1	1	0.19
11	Repeatability	0.1	N	1	1	0.1
12	Surface field reconstruction	0.2	N	1	1	0.2
Numerical simulations						
13	Grid resolution	0.02	R	$\sqrt{3}$	1	0.01
14	Tissue parameters	0	R	$\sqrt{3}$	1	0
15	Exposure position	0	R	$\sqrt{3}$	1	0
16	Source representation	0.09	N	1	1	0.09
17	Convergence and power budget	0	R	$\sqrt{3}$	1	0
18	Boundary conditions	0.1	R	$\sqrt{3}$	1	0.06
19	Phantom loading/backscattering	0.1	R	$\sqrt{3}$	1	0.06
Combined uncertainty (<i>k</i> = 1)						0.63
Expanded uncertainty (<i>k</i> = 2)						1.27 (33.9%)



DASY8 Uncertainty Budget for psSAR10 g according to IEC/IEEE 63184						
Item	Error Description	Unc. Value (±dB)	Probab. Distr.	Div.	(c _i)	Std. Unc. (±dB)
Measurement system						
1	Amplitude calibration uncertainty	0.35	N	1	1	0.35
2	Probe anisotropy	0.6	R	$\sqrt{3}$	1	0.35
3	Probe dynamic linearity	0.2	R	$\sqrt{3}$	1	0.12
4	Probe frequency domain response	0.3	R	$\sqrt{3}$	1	0.17
5	Probe frequency linear interp. fit	0.15	R	$\sqrt{3}$	1	0.09
6	Spatial averaging	0.1	R	$\sqrt{3}$	1	0.06
7	Parasitic E-field sensitivity	0.1	R	$\sqrt{3}$	1	0.06
8	Detection limit	0.15	R	$\sqrt{3}$	1	0.09
9	Readout electronics	0	N	1	1	0
10	Probe positioning	0.19	N	1	1	0.19
11	Repeatability	0.1	N	1	1	0.1
12	Surface field reconstruction	0.2	N	1	1	0.2
Numerical simulations						
13	Grid resolution	0	R	$\sqrt{3}$	1	0
14	Tissue parameters	0	R	$\sqrt{3}$	1	0
15	Exposure position	0	R	$\sqrt{3}$	1	0
16	Source representation	0.04	N	1	1	0.04
17	Convergence and power budget	0	R	$\sqrt{3}$	1	0
18	Boundary conditions	0.1	R	$\sqrt{3}$	1	0.06
19	Phantom loading/backscattering	0.1	R	$\sqrt{3}$	1	0.06
Combined uncertainty ($k = 1$)						0.63
Expanded uncertainty ($k = 2$)						1.25 (33.4%)

10 Test results

H-Field(A/m) & E-Field(V/m) result

Measuring Position	Test Frequency(kHz)	
Front side	112.1	
Measuring Distance (mm)	H-Field(A/m)	E-Field(V/m)
0	11.1	6.72
10	5.43	3.77
20	2.73	2.41
30	1.58	1.74
40	1.02	1.07

Measuring Position	Test Frequency(kHz)	
Rear side	144.5	
Measuring Distance (mm)	H-Field(A/m)	E-Field(V/m)
0	2.35	31.3
10	1.21	5.45
20	0.494	3.38
30	0.339	2.60
40	0.213	1.82

Measuring Position	Test Frequency(kHz)	
Left side	144.5	
Measuring Distance (mm)	H-Field(A/m)	E-Field(V/m)
0	3.44	15.5
10	1.85	5.53
20	0.682	3.35
30	0.439	2.67
40	0.44	1.98

Measuring Position	Test Frequency(kHz)	
Right side	144.5	
Measuring Distance (mm)	H-Field(A/m)	E-Field(V/m)
0	1.49	8.95
10	0.852	3.40
20	0.394	2.15
30	0.231	1.75
40	0.151	1.35



Measuring Position	Test Frequency(kHz)	
Top side	144.5	
Measuring Distance (mm)	H-Field(A/m)	E-Field(V/m)
0	0.303	8.15
10	0.215	2.94
20	0.215	1.76
30	0.217	1.29
40	0.052	0.882

Measuring Position	Test Frequency(kHz)	
Bottom side	144.5	
Measuring Distance (mm)	H-Field(A/m)	E-Field(V/m)
0	0.441	21.5
10	0.341	4.63
20	0.342	2.66
30	0.341	2.03
40	0.341	1.41



The H-Field and E-Field values for each measured 0 mm position

Measuring Position	Measuring Distance (mm)	Measured H-Field (A/m)	Limit
Front side	0	11.1	1.63
Rear side		2.35	
Left side		3.44	
Right side		1.49	
Top side		0.303	
Bottom side		0.441	

Measuring Position	Measuring Distance (mm)	Measured E-Field (V/m)	Limit
Front side	0	6.72	614
Rear side		31.3	
Left side		15.5	
Right side		8.95	
Top side		8.15	
Bottom side		21.5	

An assessment against the Limit for peak spatial-average SAR shall be performed for the EUT when the Limits for Maximum Permissible Exposure are exceeded.



Peak spatial-average SAR Result

Position	Test Distance (mm)	Measured 1g avg. (W/kg)	1g Limit (W/kg)	Result
Front side	0	0.002	1.6	Pass
Rear side	0	<0.0001	1.6	Pass
Left side	0	<0.0001	1.6	Pass
Right side	0	<0.0001	1.6	Pass
Top side	0	<0.0001	1.6	Pass
Bottom side	0	<0.0001	1.6	Pass

Conclusion:

Based on SPEAG DASY6 Module WPT-MAGPY system, a magneto quasi-static (MQS) simulation is automatically setup to solve for a lossy halfspace Phantom setup. The lossy half-space has muscle tissue dielectric properties ($\sigma = 0.75 \text{ S/m}$, $\rho = 1000 \text{ kg/m}^3$), The induced electric (E-) fields and specific absorption rate (SAR) are assessed with Sim4Life's Quasi-Static EM Solver (P-EM-QS) that the the product is compliance with Peak spatial-average SAR Result < 1.6W/kg.



11 Test equipment and ancillaries used for tests

To simplify the identification of the test equipment and/or ancillaries which were used, the reporting of the relevant test cases only refer to the test item number as specified in the table below.

Manufacturer	Device Type	Type(Model)	Serial number	calibration	
				Last Cal.	Due Date
SPEAG	Probe	MAGPY-8H3D+E3DV2	3087	2024.11.01	2025.10.31
SPEAG	V&V Source	V-Coil500/3V2	1028	2024.11.13	2027.11.14
SPEAG	V&V Source	V-Coil50/400V2	1034	2024.10.31	2027.11.01
SPEAG	V&V Source	V-Coil350/85V2	1035	2024.11.06	2027.11.07

Note: V&V:verification & validation

Test photos to see PY7-50337X_ test setup photos file

System verification to see Annex X

Measurement results to see Annex Y

Calibration reports to see Annex Z



cDASY6 Module WPT Measurement Report

Device under test

Info:
3KHz sys check

Serial number:
1028

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: -150.00 μ m, **y:** 48.06 mm, **z:** 46.16 mm

Dimensions:
x: 653.0 mm, **y:** 653.0 mm, **z:** 36.6 mm

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

Completed on:
2025/01/22 16:57:29

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 114.31 A/m

x: 57.72 A/m, y: 89.82 A/m, z: 40.84 A/m

Maximum H-field location relative to DUT:

x: 121.00 mm, y: -172.33 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 127.58 V/m

x: 1.34 V/m, y: 4.65 V/m, z: 127.49 V/m

Maximum E-field location relative to DUT:

x: 51.33 mm, y: 220.00 mm, z: 0.00 m

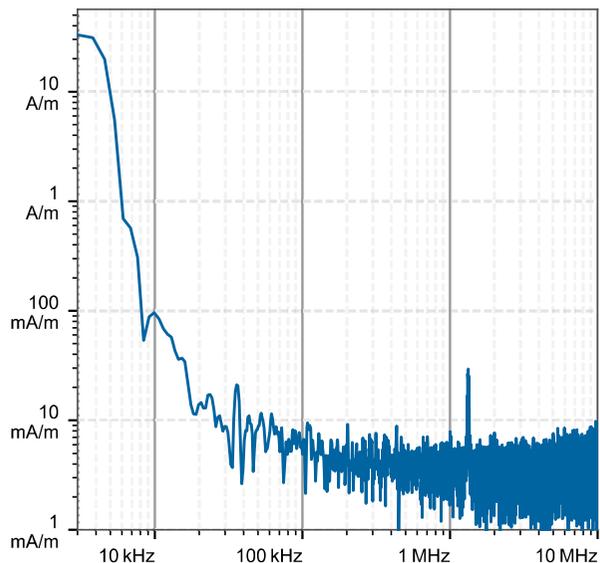
Distance to -20.0 dB boundary:

78.98 mm

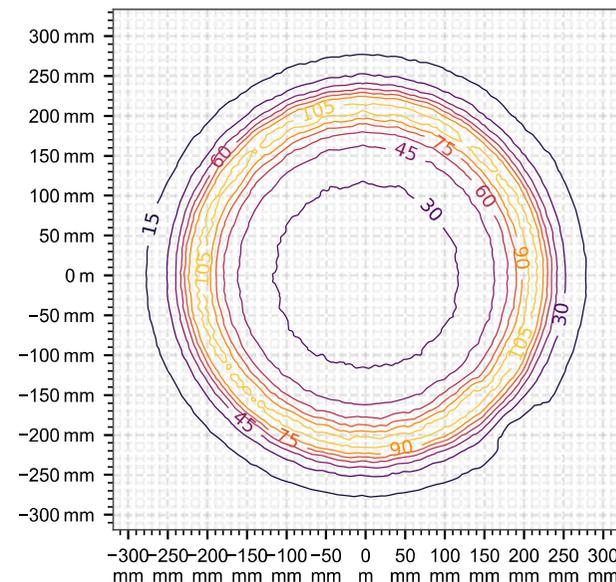
Offset relative to DUT:

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 = 3.02 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	167	128	0.126	0.127	0.127	0.0901	9.77e-3	7.71e-3	273	0%	35%	34%		
2.00	153	114	0.120	0.121	0.121	0.0860	8.95e-3	7.14e-3	276	0%	35%	35%		

Compliance evaluation (Field values at the peak frequency) (f=3.02 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	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]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	167	128	1.12	7.71e-3	167	128	0.0902	7.71e-3	167	128	0.566	7.71e-3	167	128	N/A	9.77e-3	167	128	1.59	9.77e-3
2.00	153	114	1.07	7.14e-3	153	114	0.0861	7.14e-3	153	114	0.543	7.14e-3	153	114	N/A	8.95e-3	153	114	1.53	8.95e-3

Coverage factors: $w_{E_{ind, cube avg.}} = [8.90, 8.95]$, $w_{E_{ind, local}} = [12.57, 12.64]$, $w_{E_{ind, line avg.}} = [4.46, 4.48]$

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
	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	7.95	N/A	133.0	N/A	2.77	N/A	33.4	127.0	16.1	N/A	0.92	N/A	18.0	N/A	0.82	N/A	1.86	55.0	N/A	N/A	1.86	N/A	133.0	N/A	3.93	N/A
2.00	7.3	N/A	119.0	N/A	2.66	N/A	30.7	114.0	15.3	N/A	0.85	N/A	16.1	N/A	0.79	N/A	1.7	49.2	N/A	N/A	1.7	N/A	119.0	N/A	3.77	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [8.90, 8.95]$, $w_{E_{ind, local}} = [12.57, 12.64]$, $w_{E_{ind, line avg.}} = [4.46, 4.48]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
85KHz SYS CHECK

Serial number:
1035

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: 2.76 mm, y: -34.43 mm, z: 46.64 mm

Dimensions:
x: 432.0 mm, y: 520.0 mm, z: 36.7 mm

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

Completed on:
2025/01/18 22:38:43

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 134.26 A/m

x: 40.95 A/m, y: 108.61 A/m, z: 67.47 A/m

Maximum H-field location relative to DUT:

x: -33.00 mm, y: 150.33 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 171.84 V/m

x: 13.67 V/m, y: 6.16 V/m, z: 171.19 V/m

Maximum E-field location relative to DUT:

x: 44.00 mm, y: -168.67 mm, z: 0.00 m

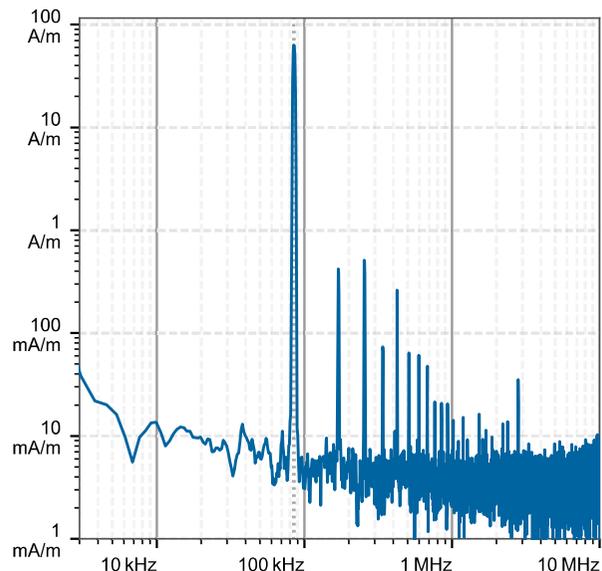
Distance to -20.0 dB boundary:

65.59 mm

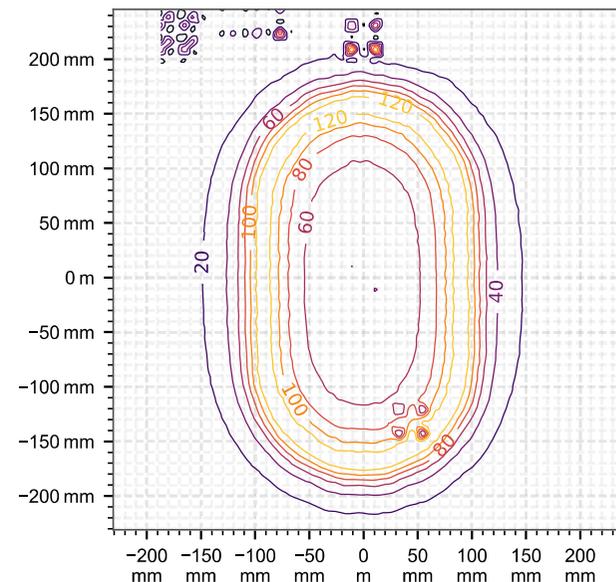
Offset relative to DUT:

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 = 84.97 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	227	172	3.38	3.41	3.42	2.37	6.63	4.92	181	2%	97%	38%		
2.00	200	155	3.18	3.20	3.21	2.24	5.93	4.46	184	2%	97%	41%		

Compliance evaluation (Field values at the peak frequency) (f=84.97 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	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]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	227	172	25.4	4.92	227	172	2.38	4.92	227	172	13.2	4.92	227	172	N/A	6.63	227	172	36.2	6.63
2.00	200	155	24.0	4.46	200	155	2.24	4.46	200	155	12.5	4.46	200	155	N/A	5.93	200	155	34.2	5.93

Coverage factors: $w_{E_{ind, cube avg.}} = [7.52, 7.56]$, $w_{E_{ind, local}} = [10.62, 10.68]$, $w_{E_{ind, line avg.}} = [3.87, 3.88]$

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	20.7	N/A	20.2	N/A	6.91	N/A	33.1	18.6	23.0	N/A	2.88	N/A	2.79	N/A	-2.56	N/A	8.04	12.3	N/A	N/A	8.04	N/A	20.2	N/A	9.99	N/A
2.00	19.6	N/A	19.3	N/A	6.42	N/A	32.1	17.7	22.5	N/A	1.79	N/A	1.9	N/A	-3.07	N/A	6.95	11.4	N/A	N/A	6.95	N/A	19.3	N/A	9.5	N/A

Coverage factors: $w_{E_{ind, cube avg.}} = [7.52, 7.56]$, $w_{E_{ind, local}} = [10.62, 10.68]$, $w_{E_{ind, line avg.}} = [3.87, 3.88]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
400KHz SYS CHECK

Serial number:
1034

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: 2.76 mm, **y:** -34.43 mm, **z:** 46.64 mm

Dimensions:
x: 168.6 mm, **y:** 168.2 mm, **z:** 36.7 mm

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

Completed on:
2025/01/18 14:52:13

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 134.12 A/m

x: 10.62 A/m, y: 24.77 A/m, z: 131.38 A/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: 60.48 V/m

x: 25.32 V/m, y: 11.69 V/m, z: 53.66 V/m

Maximum E-field location relative to DUT:

x: 7.33 mm, y: -29.33 mm, z: 0.00 mm

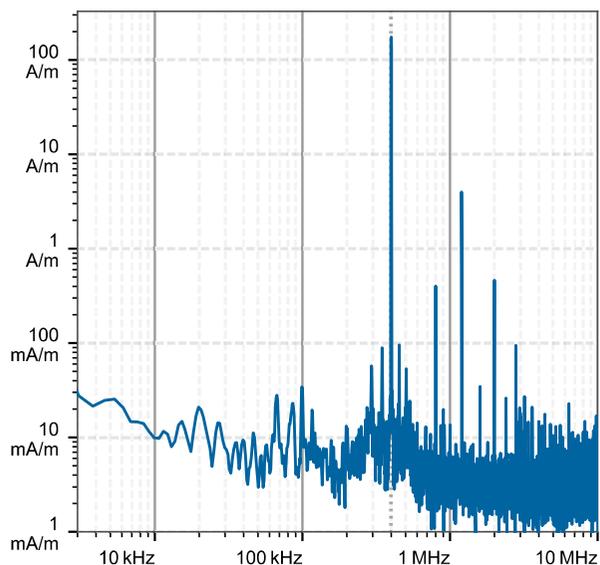
Distance to -20.0 dB boundary:

39.49 mm

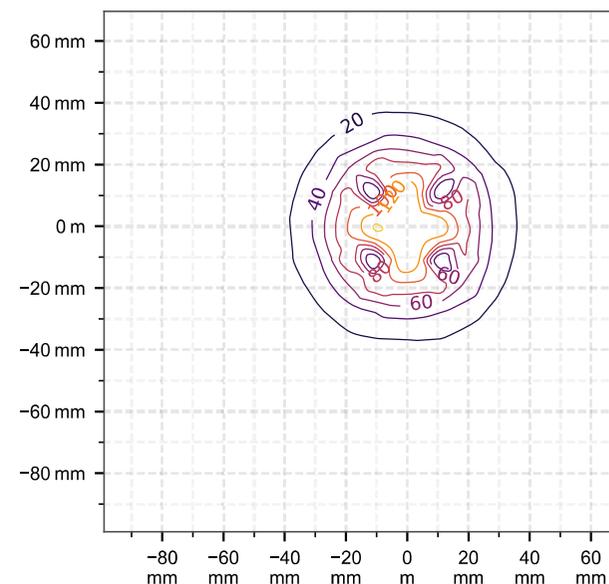
Offset relative to DUT:

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 = 400.00 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	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	264	60.5	4.23	4.37	4.37	2.58	6.39	3.26	39.3	6%	31%	24%	
2.00	232	55.7	3.54	3.66	3.66	2.18	4.66	2.44	39.6	6%	31%	23%	

Compliance evaluation (Field values at the peak frequency) (f=400.00 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	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]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	264	60.5	22.8	3.26	264	60.5	2.59	3.26	264	60.5	12.9	3.26	264	60.5	N/A	6.39	264	60.5	33.3	6.39
2.00	232	55.7	19.1	2.44	232	55.7	2.18	2.44	232	55.7	10.8	2.44	232	55.7	N/A	4.66	232	55.7	27.9	4.66

Coverage factors: $w_{E_{ind, cube avg.}} = [5.39, 5.39]$, $w_{E_{ind, local}} = [7.61, 7.62]$, $w_{E_{ind, line avg.}} = [2.95, 2.95]$

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	22.0	26.7	42.9	23.0	-7.0	-27.9	43.2	47.4	13.0	-27.9	4.2	9.26	25.5	32.7	-15.4	-27.9	44.2	40.5	N/A	-24.0	9.35	43.2	42.9	N/A	-3.87	-24.0
2.00	20.9	25.6	42.2	22.3	-8.5	-29.1	42.1	46.7	11.7	-29.1	3.08	8.15	24.8	32.0	-16.9	-29.1	43.1	39.8	N/A	-25.3	8.24	42.1	42.2	N/A	-5.38	-25.3

Coverage factors: $w_{E_{ind, cube avg.}} = [5.39, 5.39]$, $w_{E_{ind, local}} = [7.61, 7.62]$, $w_{E_{ind, line avg.}} = [2.95, 2.95]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
PY7-50337X-Front

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2024/11/01

Software version:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 22.40 mm, y: -44.46 mm, z: 33.42 mm

Dimensions:
x: 212.6 mm, y: 256.2 mm, z: 81.1 mm

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

Completed on:
2025/02/17 16:10:11

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 6.11 A/m

x: 1.33 A/m, y: 1.23 A/m, z: 5.84 A/m

Maximum H-field location relative to DUT:

x: 11.00 mm, y: -25.67 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 6.72 V/m

x: 473.55 mV/m, y: 959.68 mV/m, z: 6.63 V/m

Maximum E-field location relative to DUT:

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

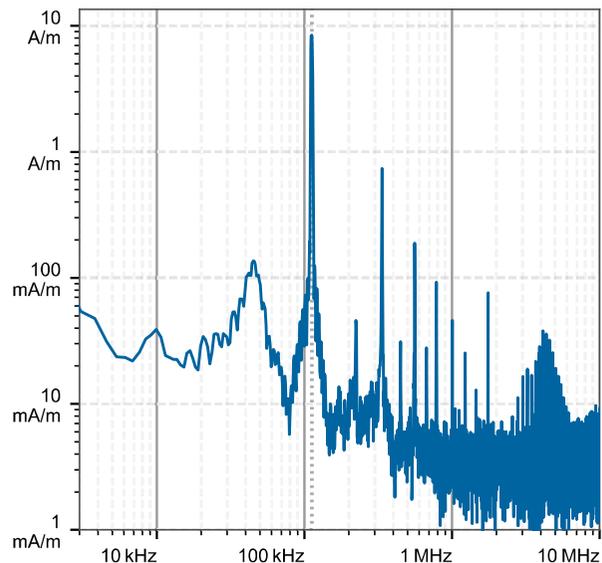
Distance to -20.0 dB boundary:

60.47 mm

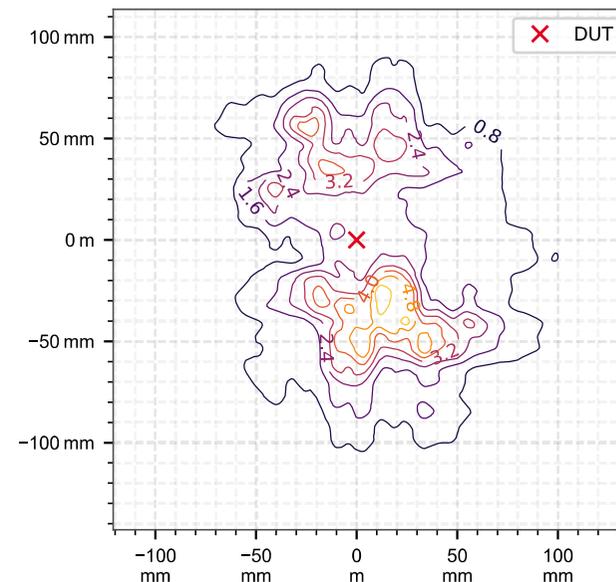
Offset relative to DUT:

x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at maximum location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 112.10 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	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	11.1	6.72	0.073	0.074	0.074	0.050	0.002	0.001	76.8	18%	55%	42%	
10.0	5.43	3.77	0.051	0.051	0.051	0.035	0.001	0.000	91.6	18%	55%	61%	
20.0	2.73	2.41	0.037	0.037	0.037	0.025	0.000	0.000	113	18%	55%	62%	
30.0	1.58	1.74	0.027	0.027	0.027	0.019	0.000	0.000	126	18%	55%	69%	
40.0	1.02	1.07	0.020	0.021	0.021	0.014	0.000	0.000	130	18%	55%	73%	
50.0	0.710	0.616	0.016	0.016	0.016	0.011	0.000	0.000	132	18%	55%	76%	
60.0	0.508	0.461	0.013	0.013	0.013	0.009	0.000	0.000	133	18%	55%	81%	

Compliance evaluation (Field values at the peak frequency) (f=112.10 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	11.1	6.72	0.435	0.001	11.1	6.72	0.050	0.001	11.1	6.72	0.237	0.001	11.1	6.72	N/A	0.002	11.1	6.72	0.624	0.002
10.0	5.43	3.77	0.316	0.000	5.43	3.77	0.035	0.000	5.43	3.77	0.170	0.000	5.43	3.77	N/A	0.001	5.43	3.77	0.452	0.001
20.0	2.73	2.41	0.241	0.000	2.73	2.41	0.025	0.000	2.73	2.41	0.128	0.000	2.73	2.41	N/A	0.000	2.73	2.41	0.344	0.000
30.0	1.58	1.74	0.182	0.000	1.58	1.74	0.019	0.000	1.58	1.74	0.096	0.000	1.58	1.74	N/A	0.000	1.58	1.74	0.259	0.000
40.0	1.02	1.07	0.141	0.000	1.02	1.07	0.014	0.000	1.02	1.07	0.074	0.000	1.02	1.07	N/A	0.000	1.02	1.07	0.202	0.000
50.0	0.710	0.616	0.111	0.000	0.710	0.616	0.011	0.000	0.710	0.616	0.058	0.000	0.710	0.616	N/A	0.000	0.710	0.616	0.158	0.000
60.0	0.508	0.461	0.089	0.000	0.508	0.461	0.009	0.000	0.508	0.461	0.046	0.000	0.508	0.461	N/A	0.000	0.508	0.461	0.127	0.000

Coverage factors: $w_{E_{ind, cube avg.}} = [5.95, 6.17, 6.50, 6.69, 6.76, 6.78, 6.79]$, $w_{E_{ind, local}} = [8.41, 8.72, 9.18, 9.44, 9.54, 9.57, 9.59]$, $w_{E_{ind, line avg.}} = [3.19, 3.29, 3.43, 3.51, 3.54, 3.55, 3.55]$

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} NS	pE _{inc} TH	pE _{ind} NS	psSAR TH	pH _{inc} N/A	pE _{inc} N/A	pJ _{ind} NS	psSAR TH	pH _{inc} NS	pE _{inc} TH	pE _{ind} NS	psSAR TH	pH _{inc} N/A	pE _{inc} N/A	pE _{ind} N/A	psSAR TH	pH _{inc} NS	pE _{inc} TH	pE _{ind} NS	psSAR TH						
0.00	-5.57	-11.9	8.99	9.3	-30.7	-59.5	6.9	11.8	-12.1	-59.5	-23.4	-29.4	-8.39	-4.43	-39.7	-59.5	16.6	-0.22	N/A	-57.0	-18.2	4.6	8.99	19.3	-27.6	-57.0
10.0	-11.7	-18.1	3.97	4.27	-33.5	-62.6	0.72	6.77	-15.3	-62.6	-29.5	-35.5	-13.4	-9.46	-42.6	-62.6	10.5	-5.25	N/A	-60.0	-24.4	-1.58	3.97	14.2	-30.4	-60.0
20.0	-17.7	-24.1	0.07	0.37	-35.9	-65.3	-5.26	2.87	-18.1	-65.3	-35.5	-41.5	-17.3	-13.4	-45.1	-65.3	4.48	-9.15	N/A	-62.9	-30.4	-7.55	0.07	10.3	-32.8	-62.9
30.0	-22.5	-28.8	-2.76	-2.46	-38.3	-67.8	-10.0	0.04	-20.7	-67.8	-40.3	-46.3	-20.1	-16.2	-47.6	-67.8	-0.27	-12.0	N/A	-65.4	-35.1	-12.3	-2.76	7.52	-35.3	-65.4
40.0	-26.3	-32.6	-6.97	-6.67	-40.5	-70.1	-13.8	-4.18	-23.1	-70.1	-44.1	-50.1	-24.4	-20.4	-49.8	-70.1	-4.07	-16.2	N/A	-67.8	-38.9	-16.1	-6.97	3.3	-37.4	-67.8
50.0	-29.4	-35.8	-11.8	-11.5	-42.7	-72.2	-17.0	-8.96	-25.4	-72.2	-47.2	-53.2	-29.1	-25.2	-52.0	-72.2	-7.22	-21.0	N/A	-70.0	-42.1	-19.2	-11.8	-1.49	-39.6	-70.0
60.0	-32.3	-38.7	-14.3	-14.0	-44.6	-74.0	-19.9	-11.5	-27.3	-74.0	-50.1	-56.1	-31.7	-27.7	-53.9	-74.0	-10.1	-23.5	N/A	-71.9	-45.0	-22.2	-14.3	-4.01	-41.5	-71.9

Coverage factors: $w_{E_{ind, cube avg.}} = [5.95, 6.17, 6.50, 6.69, 6.76, 6.78, 6.79]$, $w_{E_{ind, local}} = [8.41, 8.72, 9.18, 9.44, 9.54, 9.57, 9.59]$, $w_{E_{ind, line avg.}} = [3.19, 3.29, 3.43, 3.51, 3.54, 3.55, 3.55]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
PY7-50337X-Left

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: -51.86 mm, y: -58.54 mm, z: 89.30 mm

Dimensions:
x: 124.8 mm, y: 213.1 mm, z: 80.2 mm

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

Completed on:
2025/02/14 20:08:05

Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 2.21 A/m

x: 688.11 mA/m, y: 218.70 mA/m, z: 2.09 A/m

Maximum H-field location relative to DUT:

x: 11.00 mm, y: 33.00 mm, z: 8.50 mm

Maximum E-field [RMS]:

MAGNITUDE: 15.45 V/m

x: 809.76 mV/m, y: 1.30 V/m, z: 15.38 V/m

Maximum E-field location relative to DUT:

x: 14.67 mm, y: -73.33 mm, z: 0.00 mm

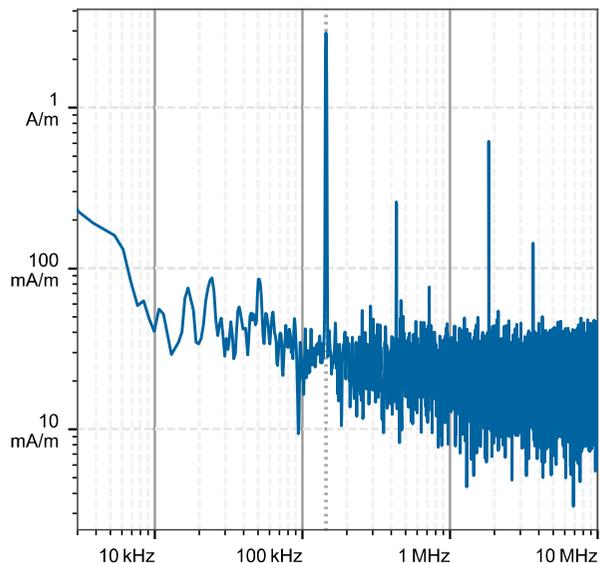
Distance to -20.0 dB boundary:

23.19 mm

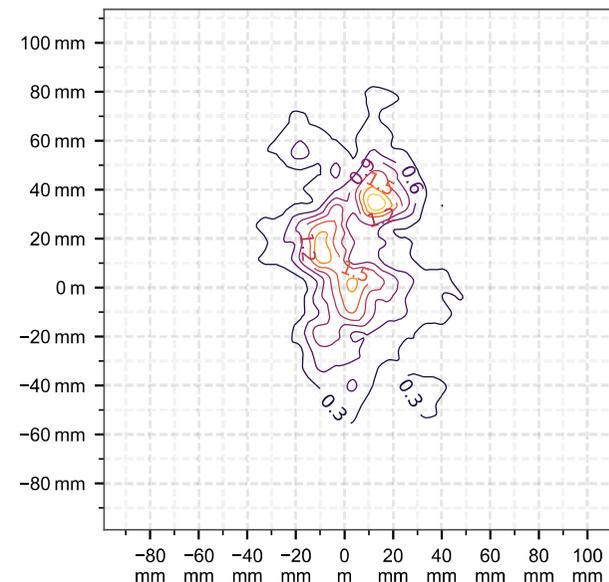
Offset relative to DUT:

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 ($f = 144.43$ 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	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	3.44	15.5	0.0199	0.0206	0.0205	0.012	1.44e-4	7.67e-5	46.6	29%	86%	58%	
10.0	1.85	5.53	9.93e-3	0.0102	0.0101	6.55e-3	4.71e-5	3.21e-5	55.4	29%	86%	95%	
20.0	0.682	3.35	6.55e-3	6.65e-3	6.62e-3	4.56e-3	2.43e-5	1.93e-5	82.7	29%	86%	95%	
30.0	0.439	2.67	5.24e-3	5.30e-3	5.28e-3	3.71e-3	1.65e-5	1.26e-5	92.1	29%	86%	100%	
40.0	0.44	1.98	4.35e-3	4.40e-3	4.39e-3	3.06e-3	1.07e-5	7.91e-6	92.6	29%	86%	100%	
50.0	0.44	1.49	3.55e-3	3.59e-3	3.58e-3	2.5e-3	7.3e-6	5.18e-6	92.6	29%	86%	100%	
60.0	0.440	1.22	2.96e-3	2.99e-3	2.98e-3	2.1e-3	5.47e-6	3.70e-6	91.7	29%	86%	100%	

Compliance evaluation (Field values at the peak frequency) ($f=144.43$ 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
[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	3.44	15.5	0.110	7.70e-5	3.44	15.5	0.0124	7.70e-5	3.44	15.5	0.0623	7.70e-5	3.44	15.5	N/A	1.44e-4	3.44	15.5	0.160	1.44e-4
10.0	1.85	5.53	0.0561	3.22e-5	1.85	5.53	6.72e-3	3.22e-5	1.85	5.53	0.0312	3.22e-5	1.85	5.53	N/A	4.71e-5	1.85	5.53	0.0811	4.71e-5
20.0	0.682	3.35	0.0397	1.93e-5	0.682	3.35	4.66e-3	1.93e-5	0.682	3.35	0.0215	1.93e-5	0.682	3.35	N/A	2.44e-5	0.682	3.35	0.0569	2.44e-5
30.0	0.439	2.67	0.0325	1.26e-5	0.439	2.67	3.79e-3	1.26e-5	0.439	2.67	0.0175	1.26e-5	0.439	2.67	N/A	1.65e-5	0.439	2.67	0.0464	1.65e-5
40.0	0.44	1.98	0.027	7.91e-6	0.44	1.98	3.12e-3	7.91e-6	0.44	1.98	0.0145	7.91e-6	0.44	1.98	N/A	1.08e-5	0.44	1.98	0.0386	1.08e-5
50.0	0.44	1.49	0.0220	5.18e-6	0.44	1.49	2.54e-3	5.18e-6	0.44	1.49	0.0119	5.18e-6	0.44	1.49	N/A	7.3e-6	0.44	1.49	0.0315	7.3e-6
60.0	0.440	1.22	0.0183	3.70e-6	0.440	1.22	2.13e-3	3.70e-6	0.440	1.22	9.86e-3	3.70e-6	0.440	1.22	N/A	5.47e-6	0.440	1.22	0.0262	5.47e-6

Coverage factors: $w_{E_{ind, cube avg.}} = [5.50, 5.63, 6.04, 6.18, 6.19, 6.19, 6.18]$, $w_{E_{ind, local}} = [7.77, 7.95, 8.53, 8.73, 8.74, 8.74, 8.72]$, $w_{E_{ind, line avg.}} = [3.00, 3.06, 3.23, 3.29, 3.30, 3.30, 3.29]$

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																				
0.00	-15.7	-19.9	-1.05	-13.2	-44.8	-71.0	-3.26	2.08	-26.2	-71.0	-33.5	-37.3	-18.4	-25.0	-53.5	-71.0	6.48	-12.0	N/A	-68.5	-28.4	-3.35	-1.05	N/A	-41.6	-68.5
10.0	-21.1	-25.3	-9.98	-22.2	-50.7	-76.7	-8.63	-6.85	-31.9	-76.7	-38.9	-42.7	-27.4	-33.9	-59.5	-76.7	1.11	-20.9	N/A	-74.4	-33.7	-8.72	-9.98	N/A	-47.5	-74.4
20.0	-29.8	-33.9	-14.3	-26.5	-53.7	-79.4	-17.3	-11.2	-35.2	-79.4	-47.6	-51.4	-31.7	-38.2	-62.8	-79.4	-7.57	-25.3	N/A	-77.5	-42.4	-17.4	-14.3	N/A	-50.6	-77.5
30.0	-33.6	-37.8	-16.3	-28.5	-55.5	-81.2	-21.1	-13.2	-37.0	-81.2	-51.4	-55.2	-33.7	-40.2	-64.6	-81.2	-11.4	-27.3	N/A	-79.3	-46.2	-21.2	-16.3	N/A	-52.4	-79.3
40.0	-33.6	-37.8	-18.9	-31.1	-57.1	-83.3	-21.1	-15.8	-38.7	-83.3	-51.4	-55.2	-36.3	-42.8	-66.2	-83.3	-11.4	-29.8	N/A	-81.2	-46.2	-21.2	-18.9	N/A	-54.0	-81.2
50.0	-33.6	-37.7	-21.4	-33.6	-58.9	-85.3	-21.1	-18.3	-40.5	-85.3	-51.4	-55.2	-38.8	-45.3	-68.0	-85.3	-11.4	-32.3	N/A	-83.0	-46.2	-21.2	-21.4	N/A	-55.8	-83.0
60.0	-33.6	-37.7	-23.1	-35.3	-60.5	-86.8	-21.1	-19.9	-42.1	-86.8	-51.4	-55.2	-40.5	-47.0	-69.6	-86.8	-11.4	-34.0	N/A	-84.3	-46.2	-21.2	-23.1	N/A	-57.4	-84.3

Coverage factors: $w_{E_{ind, cube avg.}} = [5.50, 5.63, 6.04, 6.18, 6.19, 6.19, 6.18]$, $w_{E_{ind, local}} = [7.77, 7.95, 8.53, 8.73, 8.74, 8.74, 8.72]$, $w_{E_{ind, line avg.}} = [3.00, 3.06, 3.23, 3.29, 3.30, 3.30, 3.29]$

cDASY6 Module WPT Measurement Report

Device under test

Info:
PY7-50337X-Rear

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000270, 2024/11/01

Software version:
2.0.61, backend: 2.2.22

Scan info

Center location:
x: 7.37 mm, y: -50.52 mm, z: 36.43 mm

Dimensions:
x: 168.6 mm, y: 213.1 mm, z: 81.1 mm

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

Completed on:
2025/02/15 15:15:20