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HCT

TEST REPORT

WPC RF Exposure for certification GWC-001

APPLICANT
GKR CO., LTD.

REPORT NO.
HCT-SR-2504-FI001-R2

DATE OF ISSUE
Jun. 17, 2025

Tested by Su Min, Park	(signature)	박수민
Technical Manager Yun Jeang, Heo	(signature)	Yun

HCT CO., LTD.
BongJai Huh
BongJai Huh / CEO

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TEST REPORT

REPORT NO.
HCT-SR-2504-FI001-R2

DATE OF ISSUE
Jun. 17, 2025

FCC ID
2BNFQ-GWC001

Applicant	**GKR CO., LTD.** **24-3, Irye-ro, Goa-eup, Gumi-si, Gyeongsangbuk-do, Republic of Korea**
Product Name Model Name	Wireless Charger GWC-001
Date of Test	Apr.11, 2025
Location of Test	■ **Permanent Testing Lab**□ **On Site Testing Lab** **(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383 KOREA)**
FCC Rule Part(s)	CFR § 2.1093
Test Results	**PASS**

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REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	Apr. 24, 2025	Initial Release
1	Jun. 04, 2025	Revised sec.6.2
2	Jun. 17, 2025	Revised with portable device evaluation results

Notice

Content
The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated. The test results have only been applied with the test methods required by the standard(s). The laboratory is not accredited for the test results marked *. Information provided by the applicant is marked **. Test results provided by external providers are marked ***. When confirmation of authenticity of this test report is required, please contact www.hct.co.kr The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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Contents

1. Test Location 5
2. DEVICE UNDER TEST DESCRIPTION 6
3. Test Regulations 7
4. TEST EQUIPMENT 8
5. RF Exposure limit 8
6. TEST RESULTS 12
7.Measurement Uncertainty 17
8. Conclusion 18
Appendix A. Measurement Results 19
Appendix B. System Check 35
Appendix C. Calibration Data 42
Appendix D. Test Setup Photo 74

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1. Test Location

1.1 Test Laboratory.

Company Name:	HCT Co., LTD
Address:	74. Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of Korea
Telephone:	+82 31 645 6300
Fax.:	+82 31 645 6401

1.2 Test Facilities

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

Lab identifier	National Radio Research Agency (Designation No. KR0032)
	Company Number: 5944A

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2. DEVICE UNDER TEST DESCRIPTION

2.1. General information

Model Name:	GWC-001
EUT Type:	Wireless Charger
FCC ID	2BNFQ-GWC001
Application Type:	Certification
Applicant	GKR CO., LTD.
Operating Frequency	127 kHz
Maximum transfer power	15W,5W
Serial Number	300619-11952

2.2 Description of DUT

The DUT is a wireless charging PAD that can charge Rx devices with a minimum capacity of 5W and a maximum capacity of 15W.

The charging frequency is between 127 ㎑ and the maximum transfer power consumption is 5 W, 15W in charging status.

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3. Test Regulations

The tests documented in this report were performed in accordance with FCC KDB 680106 D01 Wireless Power Transfer v04

- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 680106 D01 Wireless Power Transfer v04
- TCBC Workshop WPT- April 17, 2024
- DASY6/8_Module_WPT_Application_Note_Compatibility_with_KDB_680106V2
- DASY6/8 Module WPT System Handbook 2.8

3.1 Test Considerations

The model was used in proximity to the user and evaluated with calculated SAR from Field results measured at 0 mm separation distance according to WPT documentation from TCBC Workshop in April 2024, and the test results were all compliant with FCC SAR limits.
The MAGPy2.0 probe of the DASY6 WPT module v2.6 was measured in accordance with the equipment manufacturer's application Note by placing the probe at the closest separation distance between the Rx device and the DUT in the Rx device charging state to ensure that the results were compliant with FCC RF Exposure limit.

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4. TEST EQUIPMENT

DASY6/8 Module WPT is a unique solution for high-precision evaluations in the laboratory. Integrating the MAGPy system with the DASY robotics system and Sim4Life simulation platform ensures high precision. It is the first and only fully automated system for demonstrating compliance of WPT devices according to IEC PAS 63184:2021 (Section 5.2.5 “Evaluation of internal E-field, current density and/or SAR against basic restrictions” and Chapter 8 “Combination of measurement and computational assessment methods”) [1].

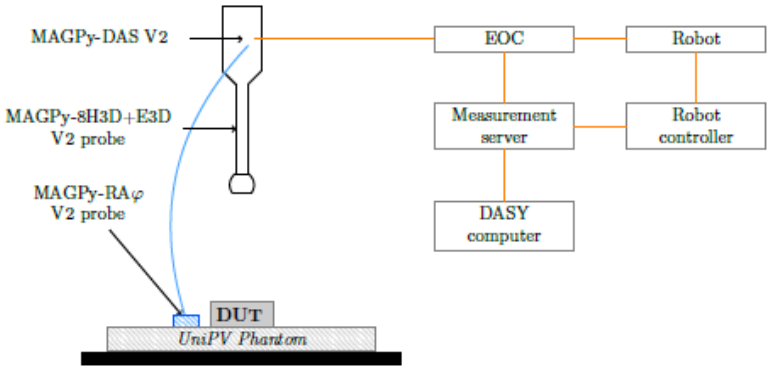

Figure 1 shows a typical measurement setup with DASY8 Module WPT.

The MAGPy-8H3D+E3D V2 probe with MAGPy-DAS V2 is mounted on a TX2-90XL robot, allowing for scans of volumes as large as 2000 × 1000 × 1500mm3 with a precision of ±0.2 mm. The H-field distributions can be analyzed directly, and the values are compared to the reference level, or they are converted into Maxwell field and used as excitations for determining the basic restriction quantities for further dosimetric analysis with the Magneto Quasi-Static (MQS) solver [2].

The assessment workflow

1. Configuration: The user connects to the DASY API Server, initiates the hardware as well as configures measurement volume limits and robot positions.
2. Preview: The user triggers measurements and inspects frequency- and time-domain data E-field sensors as well as the reference probe, for which signal-to-noise ratio is also displayed.
3. Scanning: The user configures and executes H- and E-field scans.
4. Post-processing: The user loads complete.

[1] Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems. Models, instrumentation, measurement and numerical methods and procedures (frequency range of 1 kHz to 30MHz), IEC PAS 63184:2021.
[2] Sim4Life, V8.0, ZMT Zurich MedTech AG, Zurich, Switzerland.

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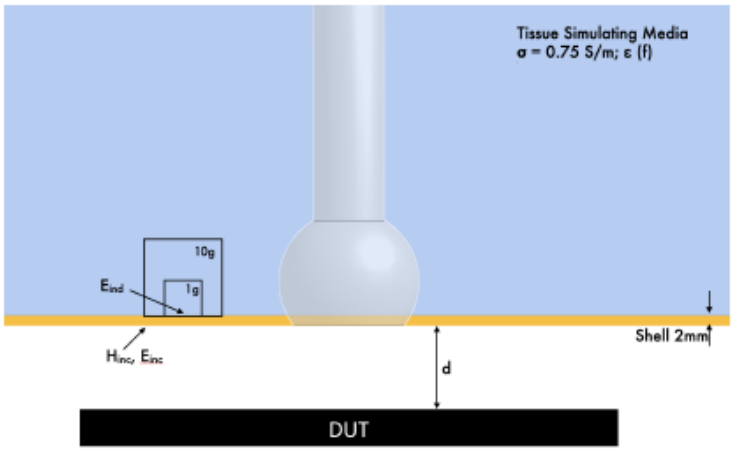
Post-Processing from Measurement:



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 2 mm). 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., Hinc and Einc) as well as the induced fields (e.g., Eind, psSAR1g, and psSAR10g) are also illustrated.

The following test and measurement equipment was used for the tests documented in this report

Manufacturer	Model name	Description	S/N	Calib. Date	Calib.Due
SPEAG	MAGPy-8H3D+E3D	Near-Field Electric and Magnetic Field sensor Probe	3054	12/08/2024	12/08/2025
SPEAG	V-Coil350_85	Validation Source	1021	03/27/2024	03/27/2025

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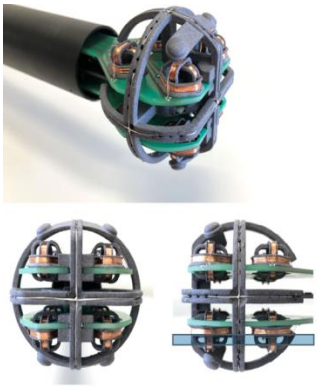
DASY6/8 Module WPT is optimized for evaluating compliance of inductive Wireless Power Transfer (WPT) systems and any other magnetic-field sources operating in the 3 kHz–4MHz frequency range.

Module WPT V2.2 The MAGPy-8H3D+E3D V2 probe consists of eight isotropic H-field sub-probes and one isotropic E-field sub-probe that are all integrated inside the probe head with a flat tip. Each isotropic H-field sub-probe is comprised of three concentric orthogonal loop coil sensors. The isotropic E-field sub-probe is composed of three orthogonal sensors (x and y sensors are dipoles, and the sensor measuring the z component is a monopole).

The uncertainty due to the anisotropy of the magnetic loops and the plates capacitors in the probe is described in the probe manufacturer's specification.



Measurement probe specification		
Model	MAGPy-8H3D+E3D	SPR-002 issue 2
Frequency	3 kHz – 10 MHz	3 kHz – 10 MHz
Linearity [A/m or V/m]	H: 0.1–3200 A/m E: 0.1–2000 V/m	defined as a function of RL
Linearity error[dB]	H: <0.2 (typ.) E: <0.5 (typ.)	≤0.5
Sensitivity [A/m or V/m]	H: 0.1 A/m E: 0.08 V/m	H: ≤1 A/m E: ≤1 V/m
Sensor size[mm]	H: 10 mm E: 50 mm	≤ dmeas /1.7
Isotropy[dB]	<0.5 (typ.)	≤1
Dimensions	110mm×635mm×35mm (MAGPy-8H3D+E3D V2 &MAGPy-DAS V2)	
Application	Electric and Magnetic field	Electric and Magnetic field
The sensitive elements are located **approximately 7.5 mm** below the external surface for H-Field		

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5. RF Exposure limit

HUMAN EXPOSURE	UNCONTROLLED ENVIRONMENT General Population (W/kg)	CONTROLLED ENVIRONMENT Occupational (W/kg)
SPATIAL PEAK SAR * (Partial Body)	1.6	8.0
SPATIAL AVERAGE SAR ** (Whole Body)	0.08	0.4
SPATIAL PEAK SAR *** (Hands / Feet / Ankle / Wrist)	4.0	20.0

NOTES:

* The Spatial Peak value of the SAR averaged over any 1 g of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

** The Spatial Average value of the SAR averaged over the whole-body.

*** The Spatial Peak value of the SAR averaged over any 10 g of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be mad fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e.as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

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6. TEST RESULTS

6.1 System check

A system check is typically performed prior to any compliance evaluation. For the DASY6 Module WPT, a set of four system validation sources (3 kHz,85 kHz, 400 kHz and 6.78 MHz) are available. These sources consist of series resonant spiral coils, fed with an integrated current source. The current source consists of an oscillator and an amplifier at the appropriate frequency. A monitoring port in the form of a SMB connector is available on the device to monitor the current through the coil. The port offers the voltage across a 1Ω resistor connected in series with the coil, therefore the current I corresponds to the measured voltage V test port (I = V test port). The voltage on the port can thus be monitored with an oscilloscope and this should be equal to the current through the coil.

5W

Freq.	Date	Probe	Verification Source	Distance	Peak H-Field	Peak Jind [A/m2, rms]	Peak Eind [V/m, rms]			**Peak H-Field**	**Peak Jind [A/m2, rms]**	**Peak Eind [V/m, rms]**			Unc. [k=2]
					Target Value					**measured Value**					
		[S/N]	[S/N]	[mm]	[A/m]	Averg	Cube	local	Line .avg	[A/m]	Averg	Cube	local	Line .avg	[dB]
85 kHz	04/11/2025	3054	1021	0	209	2.39	3.41	3.45	3.45	204	2.39	3.39	3.42	3.43	1.13
				deviation from Target [dB]						-0.105	0.000	-0.026	-0.025	-0.025	
				Distance	Peak H-Field	Peak Jind [A/m2, rms]	Peak Eind [V/m, rms]			**Peak H-Field**	**Peak Jind [A/m2, rms]**	**Peak Eind [V/m, rms]**			Unc. [k=2]
					Target Value					**measured Value**					
				[mm]	[A/m]	Averg	Cube	local	Line .avg	[A/m]	Averg	Cube	local	Line .avg	[dB]
				2	190	2.25	3.21	3.24	3.25	187	2.25	3.2	3.23	3.24	1.13
				deviation from Target [dB]						-0.069	0.000	-0.014	-0.013	-0.013	

15W

Freq.	Date	Probe	Verification Source	Distance	Peak H-Field	Peak Jind [A/m2, rms]	Peak Eind [V/m, rms]			**Peak H-Field**	**Peak Jind [A/m2, rms]**	**Peak Eind [V/m, rms]**			Unc. [k=2]
					Target Value					**measured Value**					
		[S/N]	[S/N]	[mm]	[A/m]	Averg	Cube	local	Line .avg	[A/m]	Averg	Cube	local	Line .avg	[dB]
85 kHz	04/11/2025	3054	1021	0	209	2.39	3.41	3.45	3.45	193	2.34	3.32	3.35	3.36	1.13
				deviation from Target [dB]						-0.346	-0.092	-0.116	-0.128	-0.115	
				Distance	Peak H-Field	Peak Jind [A/m2, rms]	Peak Eind [V/m, rms]			**Peak H-Field**	**Peak Jind [A/m2, rms]**	**Peak Eind [V/m, rms]**			Unc. [k=2]
					Target Value					**measured Value**					
				[mm]	[A/m]	Averg	Cube	local	Line .avg	[A/m]	Averg	Cube	local	Line .avg	[dB]
				2	190	2.25	3.21	3.24	3.25	176	2.21	3.14	3.17	3.17	1.13
				deviation from Target [dB]						-0.332	-0.078	-0.096	-0.095	-0.108	

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6.2 Test considerations

6.2.1 Direct exposure (Ping signal) from the WPT source

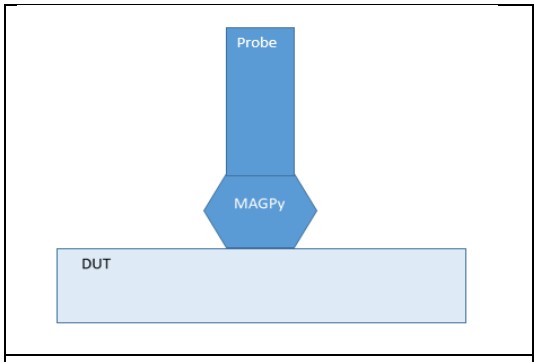
Measurements were performed while the device was charging the Rx device and transmitting a ping signal after the Rx device was removed.

The Ping signal test was performed under the following conditions.

1) Probe positioned at 0.0 mm separation from the DUT

2) Wireless Power charging operation of the DUT is enabled

3) Measurements were performed with a ping signal being transmitted from the DUT without an Rx client.



The Ping Signal test set up

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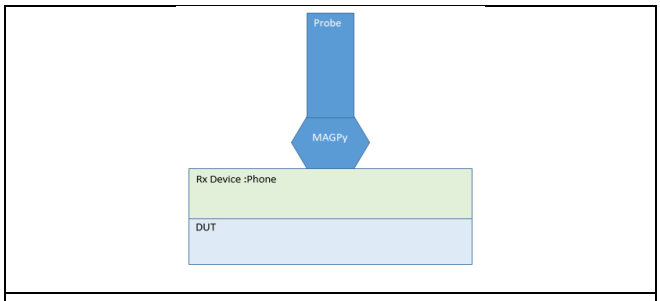
6.2.2 WPT [PAD to Rx Device Charging] Test

The DUT supports Wireless Power charging in the frequency range of 127kHz.
To test the RF exposure during wireless Power charging operation of the model, we tested the WPC in an environment where users may be exposed to it, using 15 W and 5W representative Rx devices of charging



1. DUT to Rx device [Line up]
2. DUT to Rx device [Crossed]

Test conditions

Measurements were made at the 0mm distance between the probe of the DASY WPT Module and the DUT while charging the RX Device [Phone] that can be charged by the DUT.

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6.3 Measurement results

Per, FCC TCBC Workshop Document, Apr.2024, The calculated SAR results of the measurement field at a distance of 0 mm from the DUT were all in compliance with the FCC SAR limits.

6.3.1 Measurement results: Ping signal

Distance	Peak incident fields [*rms*]		psSAR [mW/kg]	
[mm]	H_{inc} [A/m]	E_{inc} [V/m]	1g avg.	10g avg.
0	192	85.4	0.095	0.041
FCC SAR Limit: 1.6 W/kg, 1g				

6.3.2 Measurement results: Wireless Power Charging

1. DUT to Rx Device [Line-up] 5w

Distance	Peak incident fields [*rms*]		psSAR [mW/kg]	
[mm]	H_{inc} [A/m]	E_{inc} [V/m]	1g avg.	10g avg.
0.00	5.68	240	0.001	0.001
FCC SAR Limit: 1.6 W/kg, 1g				

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2. DUT to Rx Device [Line-up] 15w

Distance	Peak incident fields [*rms*]		psSAR [mW/kg]	
[mm]	H_{inc} [A/m]	E_{inc} [V/m]	1g avg.	10g avg.
0.00	9.99	537	0.001	0.000
FCC SAR Limit : 1.6 W/kg, 1g				

3. DUT to Rx Device [Crossed] 5w

Distance	Peak incident fields [*rms*]		psSAR [mW/kg]	
[mm]	H_{inc} [A/m]	E_{inc} [V/m]	1g avg.	10g avg.
0.00	6.21	296	0.001	0.000
FCC SAR Limit : 1.6 W/kg, 1g				

4. DUT to Rx Device [Crossed] 15w

Distance	Peak incident fields [*rms*]		psSAR [mW/kg]	
[mm]	H_{inc} [A/m]	E_{inc} [V/m]	1g avg.	10g avg.
0.00	7.26	628	0.001	0.000
FCC SAR Limit : 1.6 W/kg, 1g				

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7.Measurement Uncertainty

DASY6 Uncertainty Budget for or psSAR1 g according to IEC/IEEE 63184					
Item	*c*	*d*	*e*	*f*	*h = c x f / e*
Source of uncertainty Description	**Uncertainty (±dB)**	**Probability distribution**	**Div.**	**c*i***	**Standard Uncertainty (±dB)**
Measurement system					
Amplitude calibration uncertainty	0.35	N	1	1	0.35
Probe anisotropy	0.60	R	1.73	1	0.35
Probe dynamic linearity	0.20	R	1.73	1	0.12
Probe frequency domain response	0.30	R	1.73	1	0.17
Probe frequency linear interp. fit	0.15	R	1.73	1	0.09
Gradient uncertainty	0.10	R	1.73	1	0.06
Parasitic E-field sensitivity	0.10	R	1.73	1	0.06
Detection limit	0.15	R	1.73	1	0.09
Readout electronics	0.00	N	1	1	0.00
Probe positioning	0.19	N	1	1	0.19
Repeatability	0.1	N	1	1	0.10
Surface field reconstruction	0.2	N	1	1	0.20
Numerical simulations					
Grid resolution	0.02	R	1.73	1	0.01
Tissue parameters	0.00	R	1.73	1	0.00
Exposure position	0.00	R	1.73	1	0.00
Source representation	0.09	N	1	1	0.09
Convergence and power budget	0.00	R	1.73	1	0.00
Boundary conditions	0.10	R	1.73	1	0.06
Quasistatic approximation	0.10	R	1.73	1	0.06
Combined uncertainty (k = 1)					0.63
Expanded uncertainty(k = 2)					**1.27**

Uncertainty budget for peak 1 gram mass-average induced SAR measured with DASY8 Module WPT assessed according to IEC/IEEE 63184

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8. Conclusion

The RF exposure test results for Wireless Power charging in accordance with FCC KDB 680106 D01 of this DUT comply with the SAR Limit of FCC RF Exposure limit.

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Appendix A. Measurement Results

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1. The Ping signal Test Plot

cDASY6 Module WPT Measurement Report
Tool info

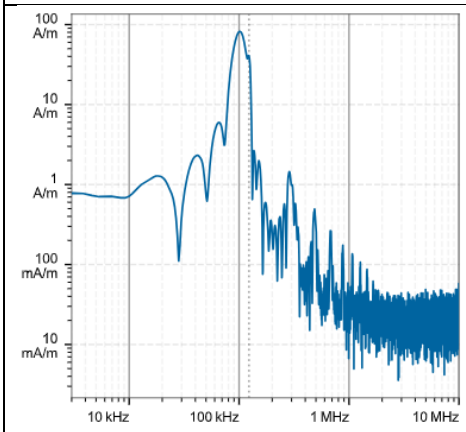
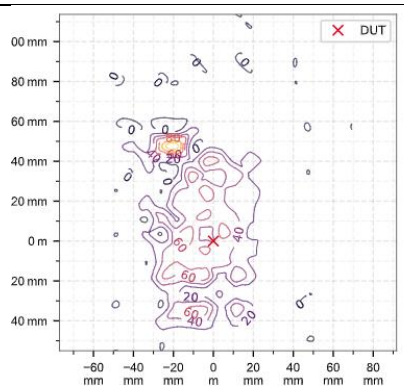
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration dateMAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version2.0.61, backend: 2.2.22

Scan info
Center location

- x: 180.00 µm, y: -110.00 µm, z: 75.33 mm
- Dimensions
- x: 124.6 mm, y: 169.1 mm, z: 36.2 mm
- Resolution
- x: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:126.76 A/m x: 63.82 A/m, y: 99.18 A/m, z: 46.47 A/m
- Maximum H-field location relative to DUTx: -18.33 mm, y: 47.67 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:85.41 V/m x: 9.79 V/m, y: 7.99 V/m, z: 84.47 V/m
- Maximum E-field location relative to DUTx: 7.33 mm, y: 14.67 mm, z: 0.00 m
- Distance to -20.0 dB boundary7.33 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency [f = 108.51 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	192	85.4	0.469	0.485	0.484	0.293	0.095	0.041	44.2	5%	256%	55%

Compliance evaluation (Field values at the peak frequency) f=108.51 kHz, total field evaluation, coverage evaluation)

	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*]	
Distance	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/m²]	[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	192	85.4	2.57	0.041	192	85.4	0.295	0.041	192	85.4	1.45	0.041	192	85.4	n/a	0.095	192	85.4	3.74	0.095

Coverage factors: wEind, cube avg. = [5.46], wEind, local = [7.72], wEind, line avg. = [2.98]

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	23.2	20.1	2.79	0.05	0.44	<0.01	129	2.59	3.45	<0.01	2.98	2.7	0.38	0.11	0.16	<0.01	395.0	1.26	N/A	<0.01	5.4	135.0	2.79	0.51	0.65	<0.01

Coverage factors: wEind, cube avg. = [5.46], wEind, local = [7.72], wEind, line avg. = [2.98]

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Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain

☑ Total field evaluation ☑ Apply coverage factor

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/m²]	[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	192	85.4	2.57	0.041	192	85.4	0.295	0.041	192	85.4	1.45	0.041	192	85.4	N/A	0.095	192	85.4	3.74	0.095

$w_{E_{ind,\ cube\ avg.}}$ = [5.46], $w_{E_{ind,\ local}}$ = [7.72], $w_{E_{ind,\ line\ avg.}}$ = [2.98]

Total Field evaluation, coverage factor :ON

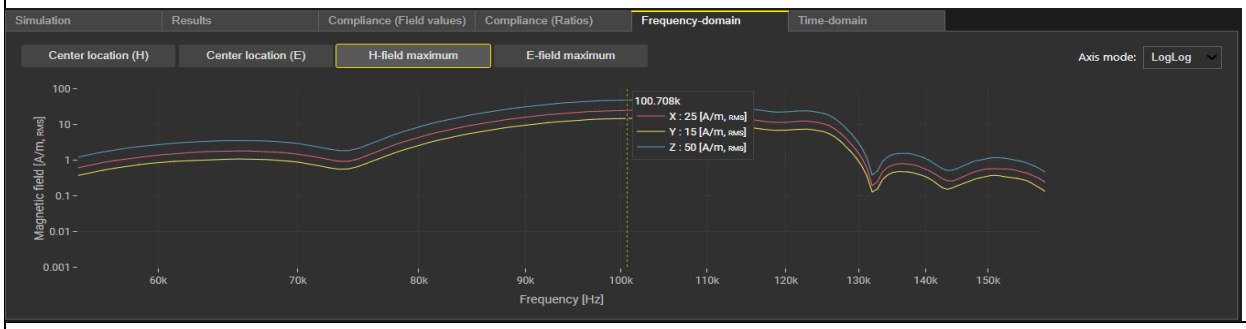
Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain

☑ Total field evaluation ☑ Apply coverage factor ☑ Multi-frequency enhancement ☐ Display ratios in dB

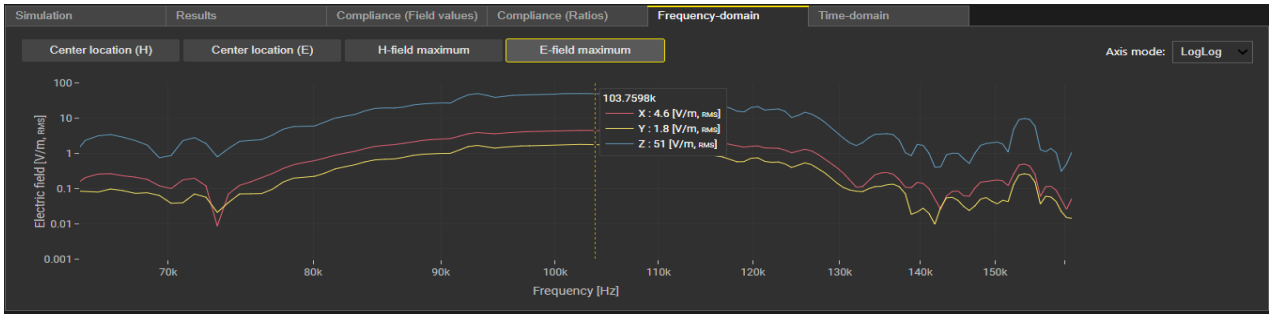
Distance [mm]	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pJ_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	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	23.2	20.1	2.79	0.05	0.44	<0.01	129.0	2.59	3.45	<0.01	2.98	2.7	0.38	0.11	0.16	<0.01	395.0	1.26	N/A	<0.01	5.4	135.0	2.79	0.51	0.65	<0.01

$w_{E_{ind,\ cube\ avg.}}$ = [5.46], $w_{E_{ind,\ local}}$ = [7.72], $w_{E_{ind,\ line\ avg.}}$ = [2.98]

Total Field evaluation,Multi-frequency,coverage factor :ON



Frequency domain for H-field



Frequency domain for E-field

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2. WPC test Plot

cDASY6 Module WPT Measurement Report for WPC [5W DUT to Rx Device Line-up]

Tool info

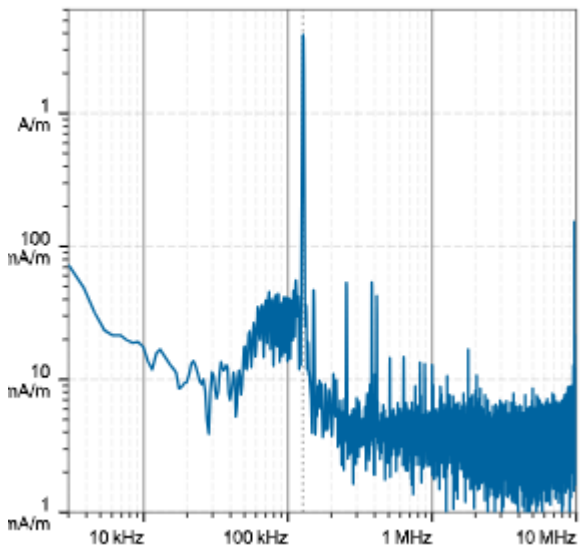
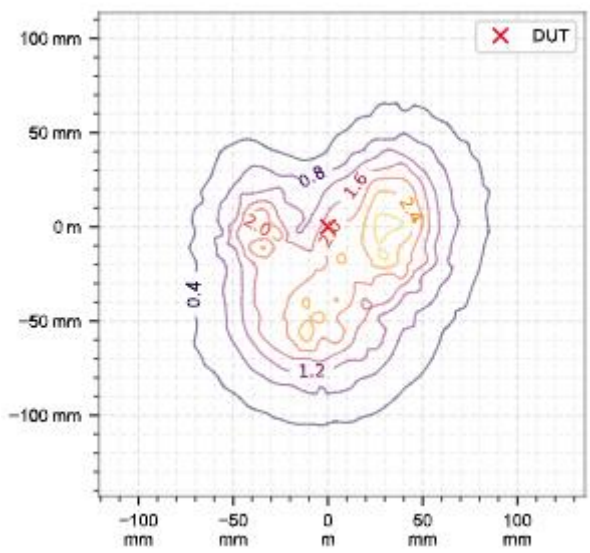
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration date MAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version 2.0.61, backend: 2.2.22

Scan info

- Center location
- x: -45.15 mm, y: -11.76 mm, z: 90.03 mm
- Dimensions
- x: 212.5 mm, y: 257.0 mm, z: 36.5 mm
- Resolution
- x: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:2.84 A/m x: 555.51 mA/m, y: 129.24 mA/m, z: 2.78 A/m
- Maximum H-field location relative to DUTx: 33.00 mm, y: 3.67 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:240.27 V/m x: 3.11 V/m, y: 19.40 V/m, z: 239.47 V/m
- Maximum E-field location relative to DUTx: 0.00 m, y: 51.33 mm, z: 0.00 m
- Distance to -20.0 dB boundary57.28 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency f = 127.27 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	5.68	240	0.060	0.061	0.061	0.041	0.001	0.001	75.9	25%	28%	29%

Compliance evaluation (Field values at the peak frequency) f=127.27 kHz, total field evaluation, coverage evaluation

	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*]	
Distance	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/m²]	[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	5.68	240	0.369	0.001	5.68	240	0.047	0.001	5.68	240	0.205	0.001	5.68	240	N/A	0.001	5.68	240	0.525	0.001

Coverage factors: wEind, cube avg. = [5.94], wEind, local = [8.39], wEind, line avg. = [3.19]

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distanc	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
e [mm]	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	27	0.15	4.49	0.09	0.02	<0.01	1.14	3.15	0.20	<0.01	0.03	0.02	0.61	0.19	<0.01	<0.01	3.49	1.71	N/A	<0.01	0.06	0.99	4.49	1.02	0.03	<0.01

Coverage factors: wEind, cube avg. = [5.94], wEind, local = [8.39], wEind, line avg. = [3.19]

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Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain

☑ Total field evaluation ☑ Apply coverage factor

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/m²]	[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	5.68	240	0.369	0.001	5.68	240	0.047	0.001	5.68	240	0.205	0.001	5.68	240	N/A	0.001	5.68	240	0.525	0.001

$w_{E_{ind,\ cube\ avg.}}$ = [5.94], $w_{E_{ind,\ local}}$ = [8.39], $w_{E_{ind,\ line\ avg.}}$ = [3.19]

Total Field evaluation, coverage factor :ON

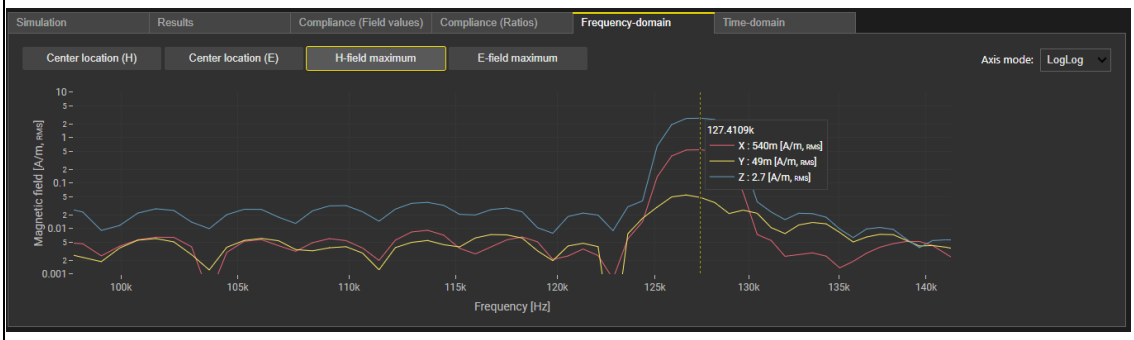
Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain

☑ Total field evaluation ☑ Apply coverage factor ☑ Multi-frequency enhancement ☐ Display ratios in dB

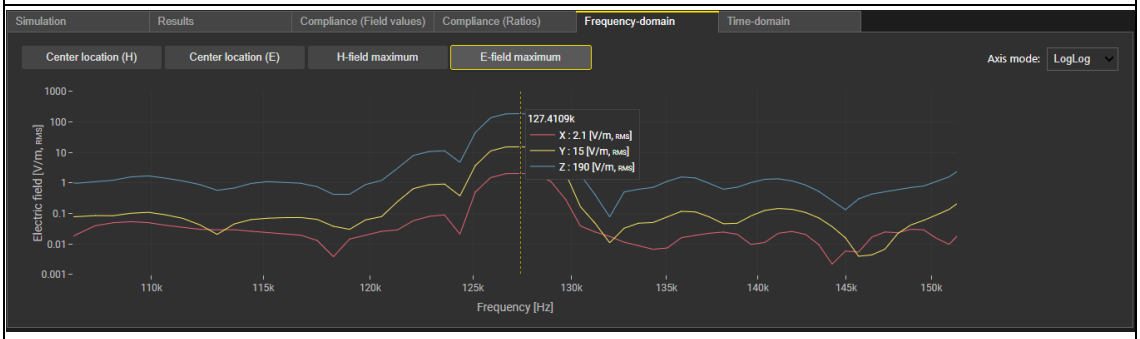
Distance [mm]	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pJ_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	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	0.27	0.15	4.49	0.09	0.02	<0.01	1.14	3.15	0.20	<0.01	0.03	0.02	0.61	0.19	<0.01	<0.01	3.49	1.71	N/A	<0.01	0.06	0.99	4.49	1.02	0.03	<0.01

$w_{E_{ind,\ cube\ avg.}}$ = [5.94], $w_{E_{ind,\ local}}$ = [8.39], $w_{E_{ind,\ line\ avg.}}$ = [3.19]

Total Field evaluation,Multi-frequency,coverage factor :ON



Frequency domain for H-field



Frequency domain for E-field

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cDASY6 Module WPT Measurement Report for WPC [15W DUT to Rx Device Line-up]

Tool info

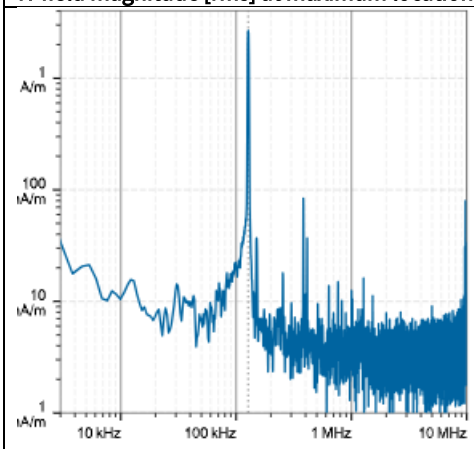
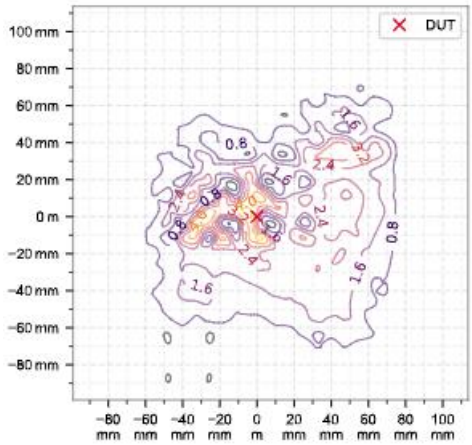
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration date MAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version 2.0.61, backend: 2.2.22

Scan info

- Center locationx: -50.57 mm, y: -24.38 mm, z: 83.66 mm
- Dimensionsx: 213.1 mm, y: 212.3 mm, z: 36.8 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:4.89 A/m x: 1.28 A/m, y: 340.60 mA/m, z: 4.70 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:536.54 V/m x: 10.81 V/m, y: 5.65 V/m, z: 536.40 V/m
- Maximum E-field location relative to DUTx: 0.00 m, y: 51.33 mm, z: 0.00 m
- Distance to -20.0 dB boundary10.37 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency f = 127.24 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	9.99	537	0.057	0.058	0.058	0.036	0.001	0.000	69.4	58%	145%	45%

Compliance evaluation (Field values at the peak frequency) f=127.27 kHz, total field evaluation, coverage evaluation

	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*]	
Distance	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/m²]	[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	9.99	537	0.353	0.001	9.99	537	0.051	0.001	9.99	537	0.204	0.001	9.99	537	N/A	0.001	9.99	537	0.503	0.001

Coverage factors: wEind, cube avg. = [5.84], wEind, local = [8.25], wEind, line avg. = [3.15]

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	0.48	0.26	7.01	0.20	0.02	<0.01	2.0	6.21	0.21	<0.01	0.06	0.03	0.95	0.39	<0.01	<0.01	6.13	0.91	N/A	<0.01	0.11	1.74	7.01	2.25	0.03	<0.01

Coverage factors: wEind, cube avg. = [5.84], wEind, local = [8.25], wEind, line avg. = [3.15]

The report shall not be (partly) reproduced except in full without approval of the laboratory.

Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain

☑ Total field evaluation ☑ Apply coverage factor

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/m²]	[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	9.99	537	0.353	0.001	9.99	537	0.051	0.001	9.99	537	0.204	0.001	9.99	537	N/A	0.001	9.99	537	0.503	0.001

$w_{E_{ind,\ cube\ avg.}}$ = [5.84], $w_{E_{ind,\ local}}$ = [8.25], $w_{E_{ind,\ line\ avg.}}$ = [3.15]

Total Field evaluation, coverage factor :ON

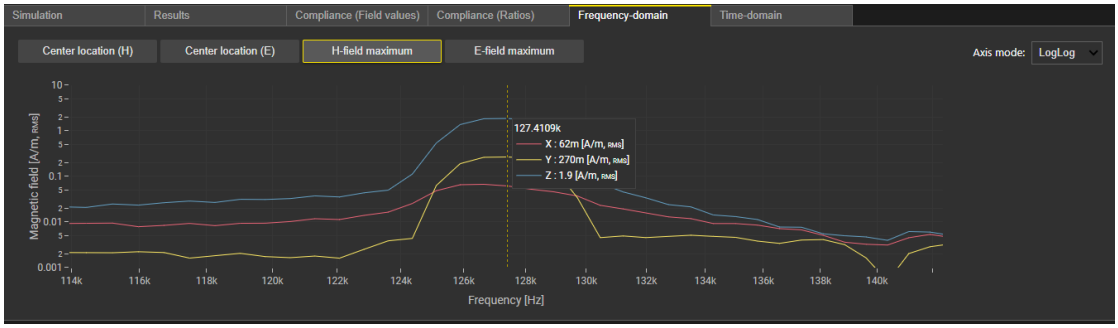
Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain

☑ Total field evaluation ☑ Apply coverage factor ☑ Multi-frequency enhancement ☐ Display ratios in dB

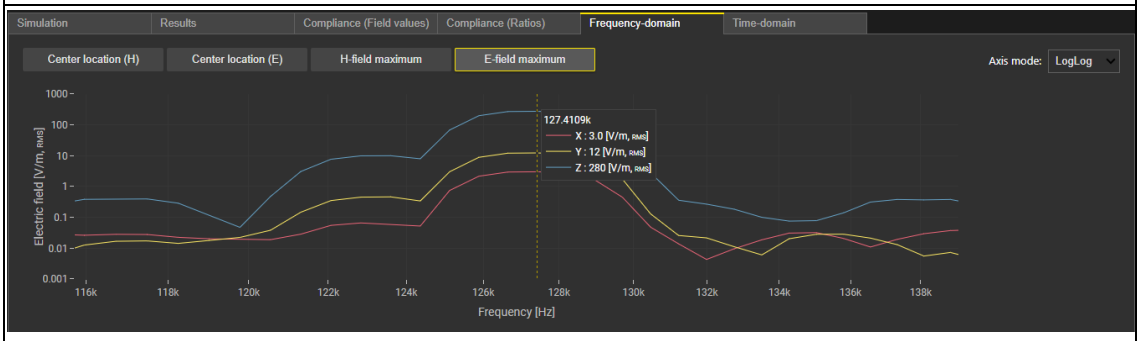
Distance [mm]	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pJ_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	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	0.48	0.26	7.01	0.20	0.02	<0.01	2.0	6.21	0.21	<0.01	0.06	0.03	0.95	0.39	<0.01	<0.01	6.13	0.91	N/A	<0.01	0.11	1.74	7.01	2.25	0.03	<0.01

$w_{E_{ind,\ cube\ avg.}}$ = [5.84], $w_{E_{ind,\ local}}$ = [8.25], $w_{E_{ind,\ line\ avg.}}$ = [3.15]

Total Field evaluation,Multi-frequency,coverage factor :ON



Frequency domain for H-field



Frequency domain for E-field

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cDASY6 Module WPT Measurement Report for WPC [5W DUT to Rx Device Crossed]

Tool info

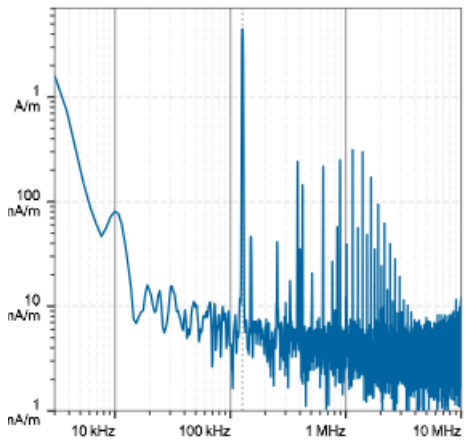
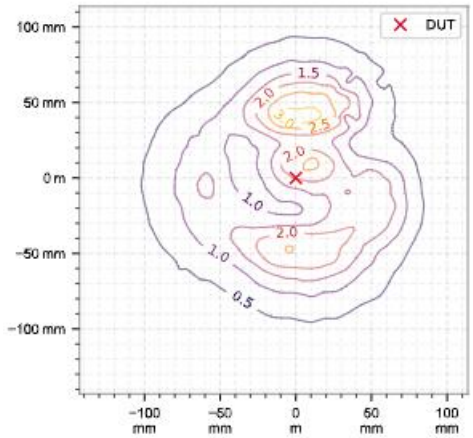
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration date MAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version 2.0.61, backend: 2.2.22

Scan info

- Center locationx: 0.00 m, y: 0.00 m, z: 83.00 mm
- Dimensionsx: 257.0 mm, y: 257.0 mm, z: 36.5 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:3.25 A/mx: 635.64 mA/m, y: 2.96 A/m, z: 1.20 A/m
- Maximum H-field location relative to DUTx: 3.67 mm, y: 40.33 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:296.43 V/mx: 185.53 mV/m, y: 283.08 mV/m, z: 296.43 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 boundary65.59 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency f = 127.24 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	6.21	296	0.051	0.053	0.053	0.033	0.001	0.000	90.5	41%	72%	33%

Compliance evaluation (Field values at the peak frequency) f=127.24 kHz, total field evaluation, coverage evaluation

	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*]	
Distance	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/m²]	[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	6.21	296	0.330	0.000	6.21	296	0.041	0.000	6.21	296	0.185	0.000	6.21	296	N/A	0.001	6.21	296	0.471	0.001

Coverage factors: wEind, cube avg. = [6.16], wEind, local = [8.70], wEind, line avg. = [3.28]

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	0.30	0.16	4.14	0.11	0.02	<0.01	1.24	3.51	0.17	<0.01	0.04	0.02	0.56	0.22	<0.01	<0.01	3.81	0.94	N/A	<0.01	0.07	1.08	4.14	1.22	0.03	<0.01

Coverage factors: wEind, cube avg. = [6.16], wEind, local = [8.70], wEind, line avg. = [3.28]

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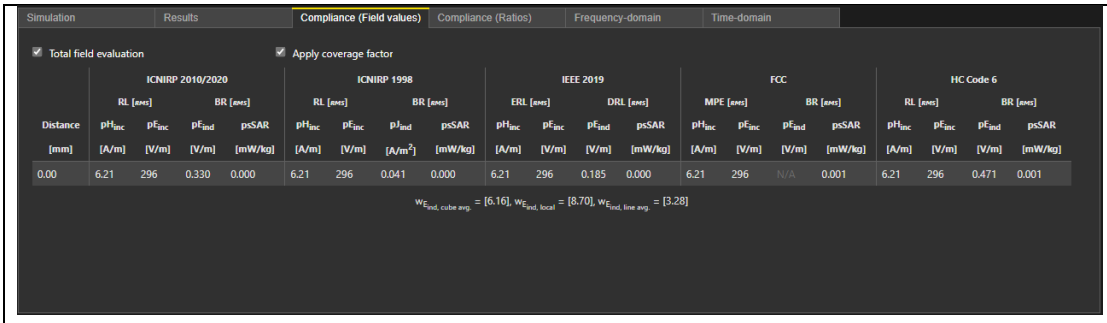
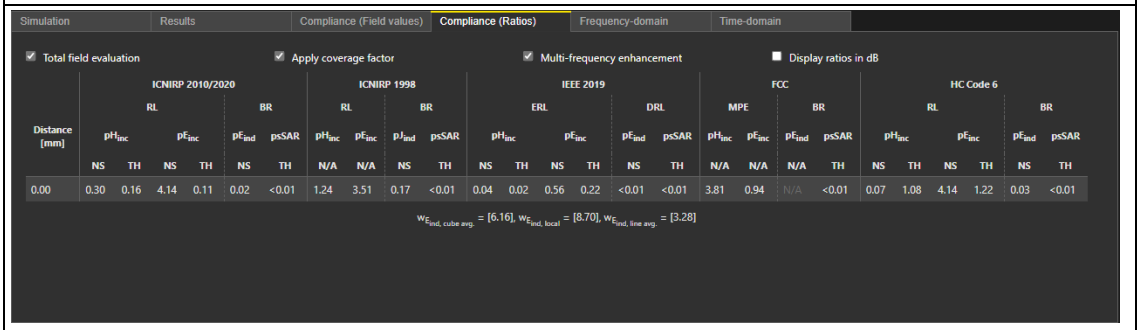
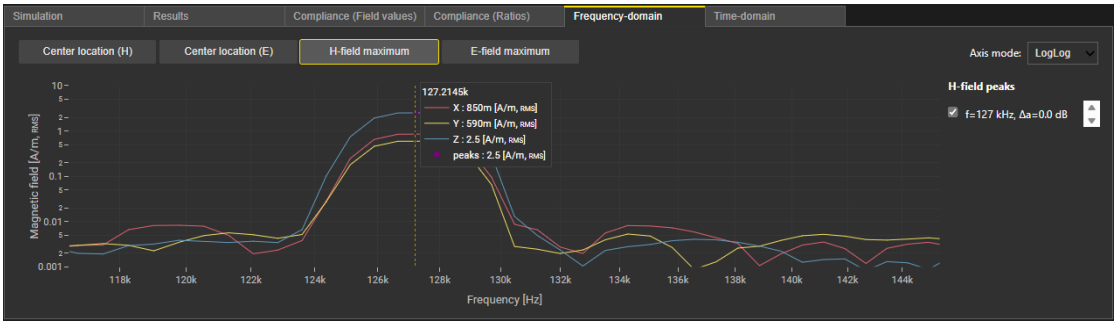


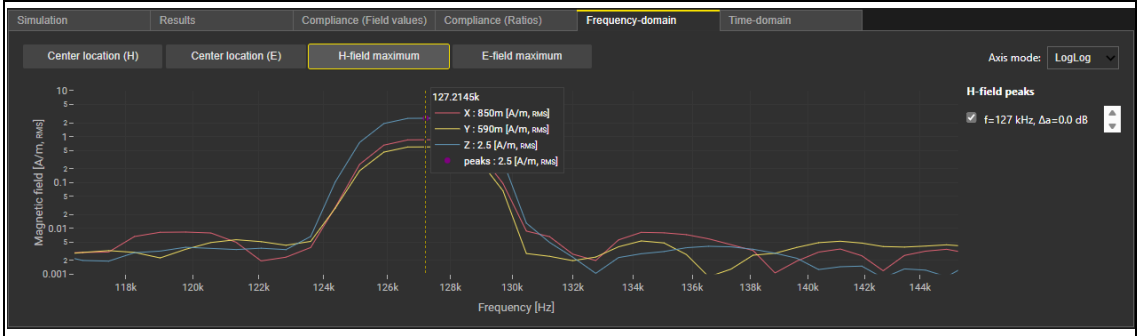
Total Field evaluation, coverage factor :ON



Total Field evaluation,Multi-frequency,coverage factor :ON



Frequency domain for H-field



Frequency domain for E-field

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cDASY6 Module WPT Measurement Report for WPC [15W DUT to Rx Device Crossed]

Tool info

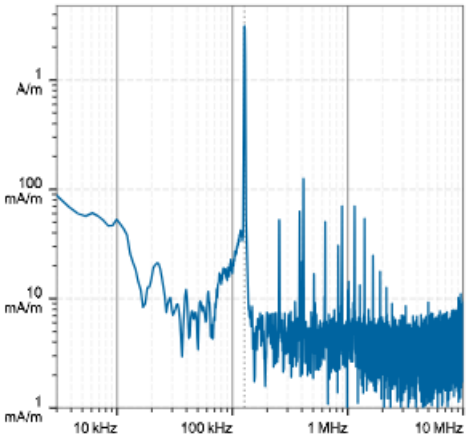
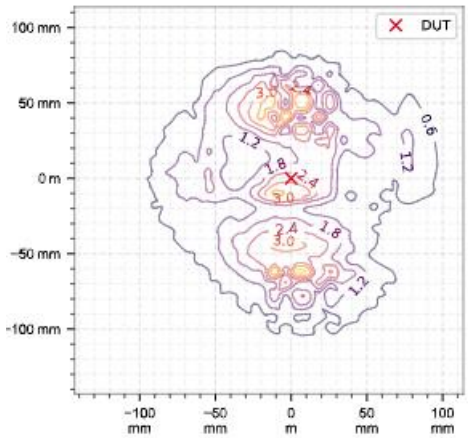
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration date MAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version 2.0.61, backend: 2.2.22

Scan info

- Center locationx: -50.57 mm, y: -24.38 mm, z: 83.66 mm
- Dimensionsx: 257.1 mm, y: 256.3 mm, z: 36.8 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:4.08 A/m x: 95.22 mA/m, y: 2.47 A/m, z: 3.25 A/m
- Maximum H-field location relative to DUTx: 3.67 mm, y: -62.33 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:627.65 V/m x: 2.88 V/m, y: 1.16 V/m, z: 627.64 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 boundary37.39 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency f = 127.24 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	7.26	628	0.051	0.052	0.052	0.035	0.001	0.000	88.7	44%	90%	37%

Compliance evaluation (Field values at the peak frequency) f=127.24 kHz, total field evaluation, coverage evaluation

	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*]	
Distance	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/m²]	[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	7.26	628	0.337	0.001	7.26	628	0.052	0.001	7.26	628	0.194	0.001	7.26	628	N/A	0.001	7.26	628	0.478	0.001

Coverage factors: wEind, cube avg. = [6.13], wEind, local = [8.66], wEind, line avg. = [3.27]

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance [mm]	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	0.35	0.19	9.18	0.24	0.02	<0.01	1.45	7.38	0.22	<0.01	0.04	0.03	1.24	0.47	<0.01	<0.01	4.45	1.44	N/A	<0.01	0.08	1.26	9.18	2.7	0.03	<0.01

Coverage factors: wEind, cube avg. = [6.13], wEind, local = [8.66], wEind, line avg. = [3.27]

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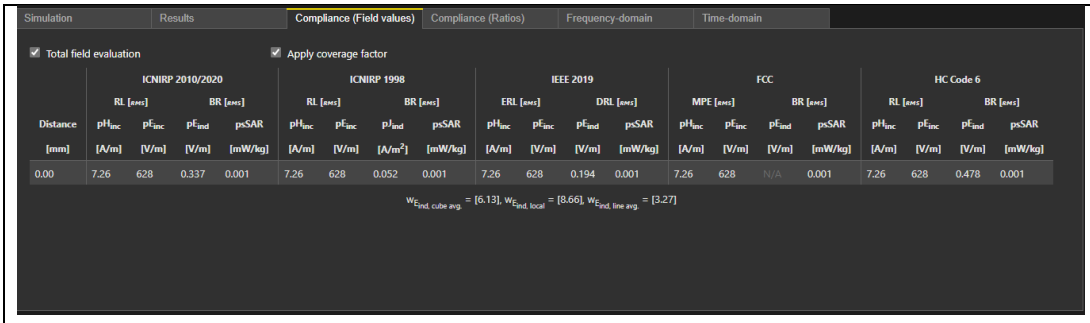
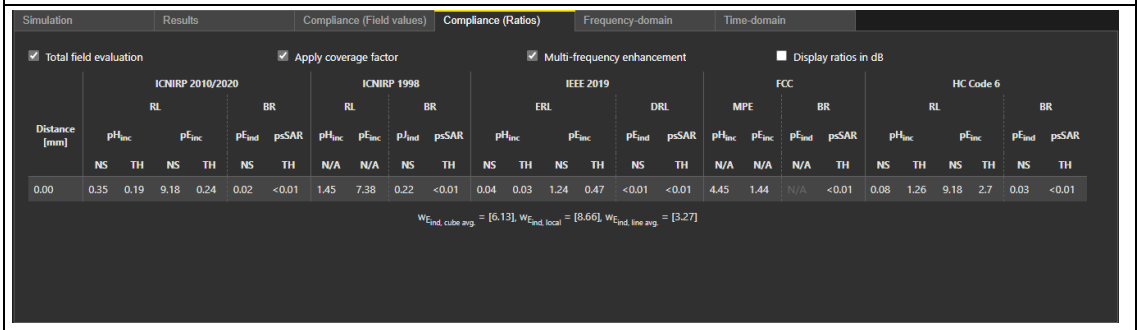


Distance [mm]	ICNIRP 2010/2020 RL [RMS] pHinc [A/m]	pEinc [V/m]	BR [RMS] pEind [V/m]	psSAR [mW/kg]	ICNIRP 1998 RL [RMS] pHinc [A/m]	pEinc [V/m]	BR [RMS] pJind [A/m²]	psSAR [mW/kg]	IEEE 2019 ERL [RMS] pHinc [A/m]	pEinc [V/m]	DRL [RMS] pEind [V/m]	psSAR [mW/kg]	FCC MPE [RMS] pHinc [A/m]	pEinc [V/m]	BR [RMS] pEind [V/m]	psSAR [mW/kg]	HC Code 6 RL [RMS] pHinc [A/m]	pEinc [V/m]	BR [RMS] pEind [V/m]	psSAR [mW/kg]
0.00	7.26	628	0.337	0.001	7.26	628	0.052	0.001	7.26	628	0.194	0.001	7.26	628	N/A	0.001	7.26	628	0.478	0.001

$w_{E_{ind,\,cube\,avg.}}$ = [6.13], $w_{E_{ind,\,local}}$ = [8.66], $w_{E_{ind,\,line\,avg.}}$ = [3.27]

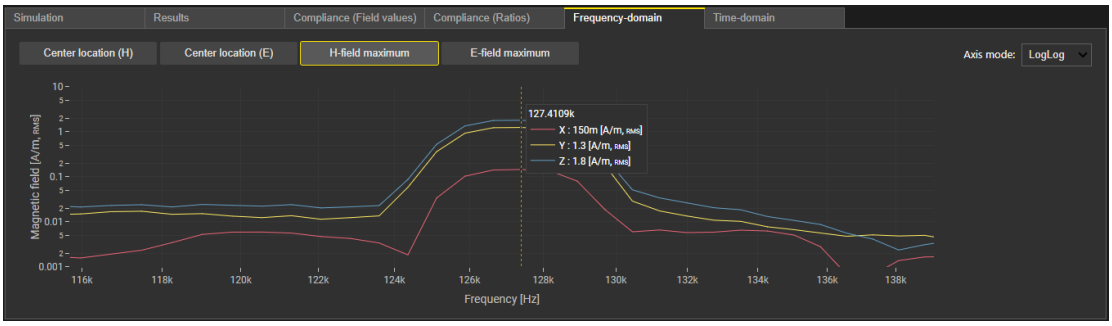
Total Field evaluation, coverage factor :ON



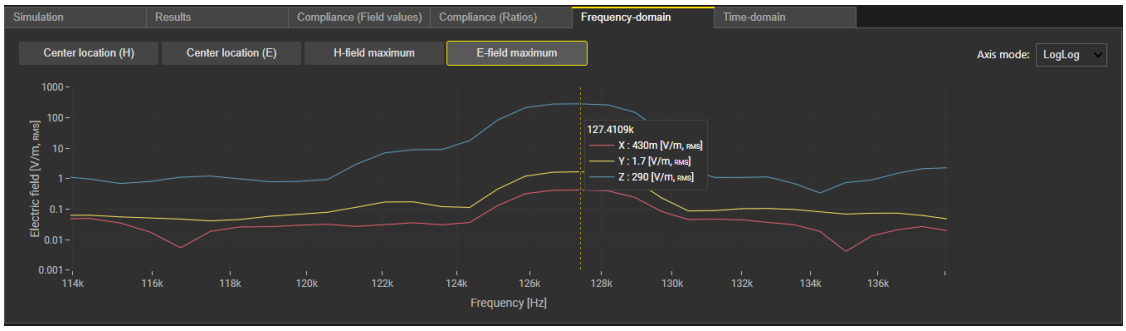
Distance [mm]	ICNIRP 2010/2020 RL pHinc NS	TH	pEinc NS	TH	BR pEind NS	psSAR TH	ICNIRP 1998 RL pHinc NS	pEinc TH	BR pJind NS	psSAR TH	IEEE 2019 ERL pHinc NS	TH	pEinc NS	TH	DRL pEind NS	psSAR TH	FCC MPE pHinc NS	pEinc TH	BR pEind NS	psSAR TH	HC Code 6 RL pHinc NS	TH	pEinc NS	TH	BR pEind NS	psSAR TH
0.00	0.35	0.19	9.18	0.24	0.02	<0.01	1.45	7.38	0.22	<0.01	0.04	0.03	1.24	0.47	<0.01	<0.01	4.45	1.44	N/A	<0.01	0.08	1.26	9.18	2.7	0.03	<0.01

$w_{E_{ind,\,cube\,avg.}}$ = [6.13], $w_{E_{ind,\,local}}$ = [8.66], $w_{E_{ind,\,line\,avg.}}$ = [3.27]

Total Field evaluation,Multi-frequency,coverage factor :ON



Frequency domain for H-field



Frequency domain for E-field

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Appendix B. System Check

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Tool info

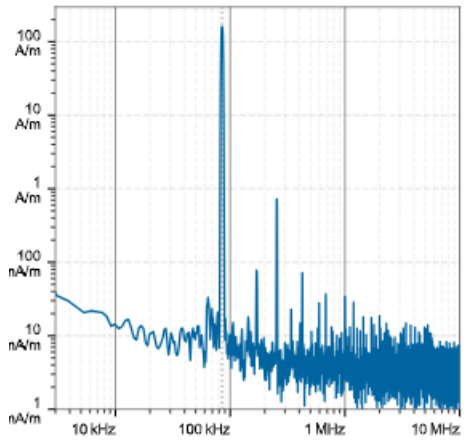
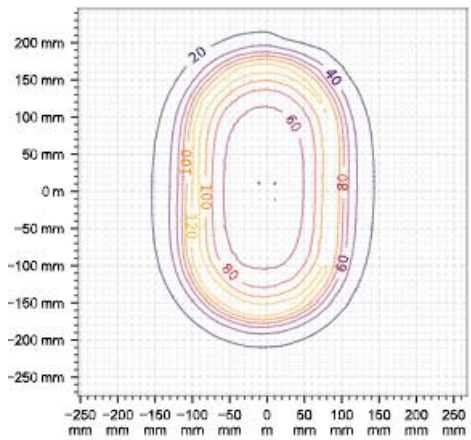
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration date MAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version2.0.61, backend: 2.2.22

Scan info

- Center locationx: 0.00 m, y: 0.00 m, z: 36.00 mm
- Dimensionsx: 389.0 mm, y: 521.0 mm, z: 36.7 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:132.08 A/m x: 27.44 A/m, y: 110.52 A/m, z: 66.92 A/m
- Maximum H-field location relative to DUTx: -25.67 mm, y: -157.67 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:188.84 V/m x: 8.30 V/m, y: 10.63 V/m, z: 188.36 V/m
- Maximum E-field location relative to DUTx: 88.00 mm, y: 176.00 mm, z: 0.00 m
- Distance to -20.0 dB boundary65.59 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency f = 85.00 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3)

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	204	189	3.39	3.42	3.43	2.39	6.70	5.03	183	1%	68%	34%
2.00	187	175	3.20	3.23	3.24	2.25	6.02	4.58	186	1%	68%	36%

Compliance evaluation (Field values at the peak frequency) f=85.00 kHz, total field evaluation, coverage evaluation

	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*]	
Distance	pHinc	pEinc	pEind	psSAR	pHinc	pEinc	pJind	psSAR	pHinc	pEinc	pEind	psSAR	pHinc	pEinc	pEind	psSAR	pHinc	pEinc	pEind	psSAR
[mm]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m2]	[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	204	189	25.6	5.03	204	189	2.39	5.03	204	189	13.3	5.03	204	189	N/A	6.70	204	189	36.5	6.70
2.00	187	175	24.3	4.58	187	175	2.26	4.58	187	175	12.6	4.58	187	175	N/A	6.02	187	175	34.6	6.02

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance	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]	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	9.74	N/A	9.65	N/A	2.23	N/A	40.9	9.21	14.1	N/A	1.25	N/A	1.31	N/A	0.75	N/A	2.27	4.46	N/A	N/A	2.27	N/A	9.65	N/A	3.18	N/A
2.00	8.89	N/A	8.96	N/A	2.11	N/A	37.3	8.55	13.3	N/A	1.15	N/A	1.21	N/A	0.71	N/A	2.07	4.14	N/A	N/A	2.07	N/A	8.96	N/A	3.01	N/A

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Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain | Reference Scaling

☑ Total field evaluation ☑ Apply coverage factor

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/m²]	[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	204	189	25.6	5.03	204	189	2.39	5.03	204	189	13.3	5.03	204	189	N/A	6.70	204	189	36.5	6.70
2.00	187	175	24.3	4.58	187	175	2.26	4.58	187	175	12.6	4.58	187	175	N/A	6.02	187	175	34.6	6.02

$w_{E_{ind,\ cube\ avg.}}$ = [7.55, 7.59], $w_{E_{ind,\ local}}$ = [10.66, 10.72], $w_{E_{ind,\ line\ avg.}}$ = [3.88, 3.89]

Total Field evaluation, coverage factor:ON

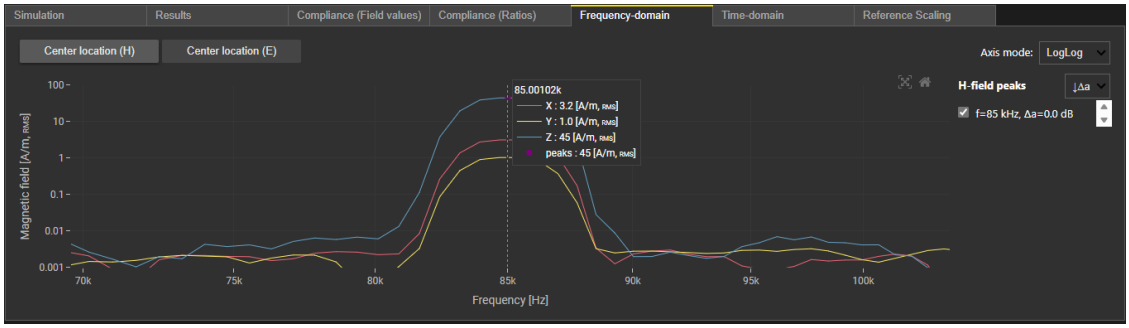
Simulation | Results | Compliance (Field values) | Compliance (Ratios) | Frequency-domain | Time-domain | Reference Scaling

☑ Total field evaluation ☑ Apply coverage factor ☑ Multi-frequency enhancement ☐ Display ratios in dB

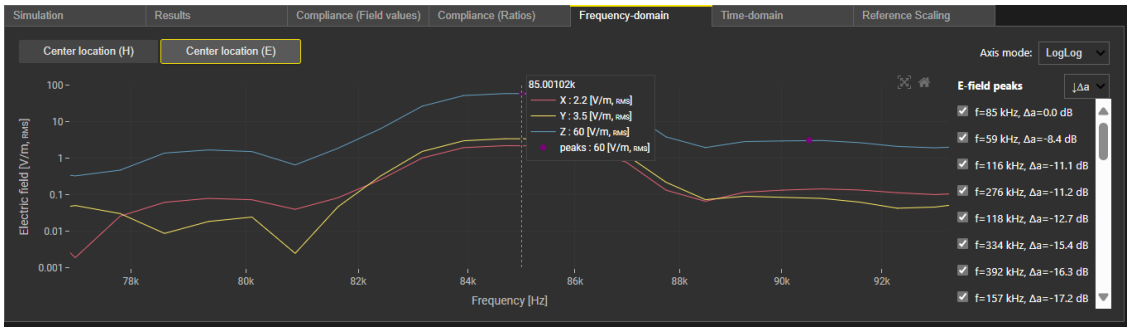
Distance [mm]	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pJ_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	psSAR	pH_{inc}	pE_{inc}	pE_{ind}	psSAR	pH_{inc}		pE_{inc}		pE_{ind}	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	9.74	N/A	9.65	N/A	2.23	N/A	40.9	9.21	14.1	N/A	1.25	N/A	1.31	N/A	0.75	N/A	2.27	4.46	N/A	N/A	2.27	N/A	9.65	N/A	3.18	N/A
2.00	8.89	N/A	8.96	N/A	2.11	N/A	37.3	8.55	13.3	N/A	1.15	N/A	1.21	N/A	0.71	N/A	2.07	4.14	N/A	N/A	2.07	N/A	8.96	N/A	3.01	N/A

$w_{E_{ind,\ cube\ avg.}}$ = [7.55, 7.59], $w_{E_{ind,\ local}}$ = [10.66, 10.72], $w_{E_{ind,\ line\ avg.}}$ = [3.88, 3.89]

Total Field evaluation, Multi-frequency, coverage factor:ON



Frequency domain for H-field



Frequency domain for E-field

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Tool info

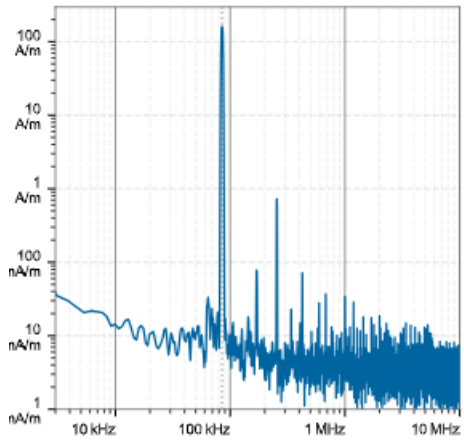
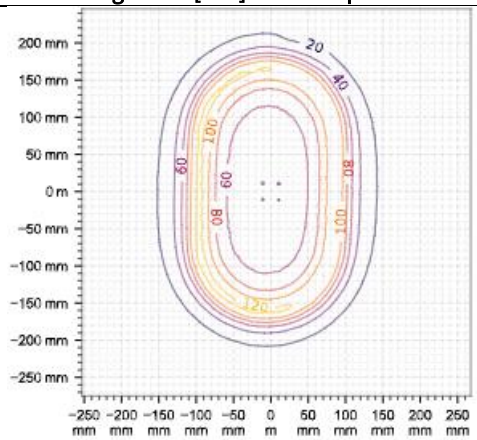
- DASY software versioncDASY6 Module WPT 2.6.0.5002
- Probe model, serial no. and configuration date MAGPy-8H3D+E3Dv2, WP000201, 2024/07/03
- Software version2.0.61, backend: 2.2.22

Scan info

- Center locationx: 0.00 m, y: 0.00 m, z: 36.00 mm
- Dimensionsx: 389.0 mm, y: 521.0 mm, z: 36.7 mm
- Resolutionx: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Measurement results

- Maximum H-field [rms]magnitude:125.40 A/m x: 108.68 A/m, y: 24.82 A/m, z: 57.43 A/m
- Maximum H-field location relative to DUTx: -91.67 mm, y: -91.67 mm, z: 8.50 mm
- Maximum E-field [rms]magnitude:176.41 V/m x: 7.61 V/m, y: 9.91 V/m, z: 175.96 V/m
- Maximum E-field location relative to DUTx: 88.00 mm, y: 176.00 mm, z: 0.00 m
- Distance to -20.0 dB boundary69.18 mm
- Offset relative to DUTx: 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
	

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Incident fields and induced fields in the homogeous phantom at the peak frequency f = 85.00 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m3)

	Peak incident fields [*rms*]		Peak E_{ind} [V/m, *rms*]			Peak J_{ind} [A/m², *rms*]	psSAR [mW/kg]		H-field extent	Warnings		
Distance [mm]	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	193	176	3.32	3.35	3.36	2.34	6.46	4.87	184	1%	69%	35%
2.00	176	164	3.14	3.17	3.17	2.21	5.81	4.43	186	1%	69%	37%

Compliance evaluation (Field values at the peak frequency) f=85.00 kHz, total field evaluation, coverage evaluation

	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*]	
Distance	pHinc	pEinc	pEind	psSAR	pHinc	pEinc	pJind	psSAR	pHinc	pEinc	pEind	psSAR	pHinc	pEinc	pEind	psSAR	pHinc	pEinc	pEind	psSAR
[mm]	[A/m]	[V/m]	[V/m]	[mW/kg]	[A/m]	[V/m]	[A/m2]	[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	193	176	25.1	4.87	193	176	2.34	4.87	193	176	13.0	4.87	193	176	N/A	6.46	193	176	35.8	6.46
2.00	176	164	23.8	4.43	176	164	2.21	4.43	176	164	12.4	4.43	176	164	N/A	5.81	176	164	33.9	5.81

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

	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019						FCC				HC Code 6					
	RL				BR		RL		BR		ERL				DRL		MPE		BR		RL				BR	
Distance	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]	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	9.19	N/A	10.8	N/A	2.19	N/A	38.6	10.3	13.9	N/A	1.18	N/A	1.46	N/A	0.73	N/A	2.14	5.27	N/A	N/A	2.14	N/A	10.8	N/A	3.12	N/A
2.00	8.39	N/A	10.0	N/A	2.08	N/A	35.2	9.57	13.1	N/A	1.08	N/A	1.36	N/A	0.70	N/A	1.96	4.89	N/A	N/A	1.96	N/A	10.0	N/A	2.96	N/A

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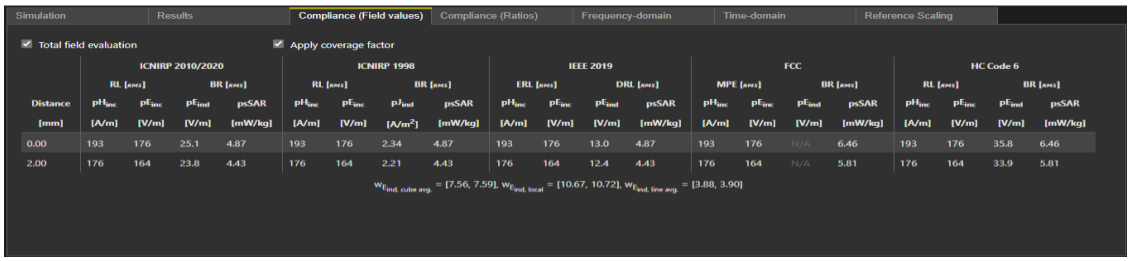
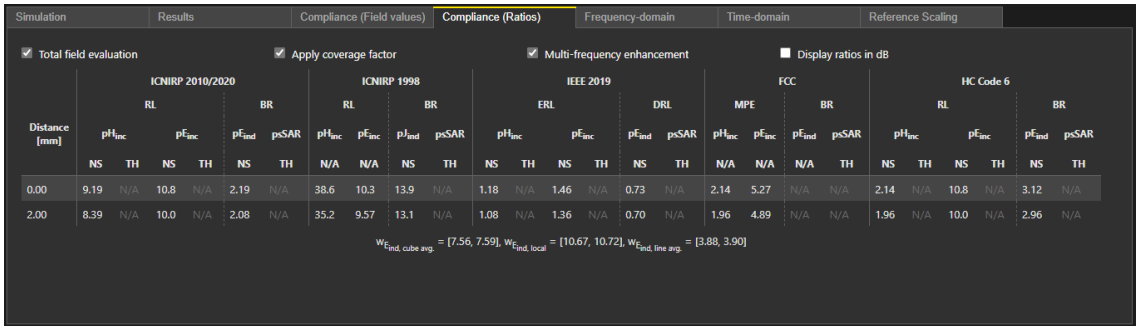
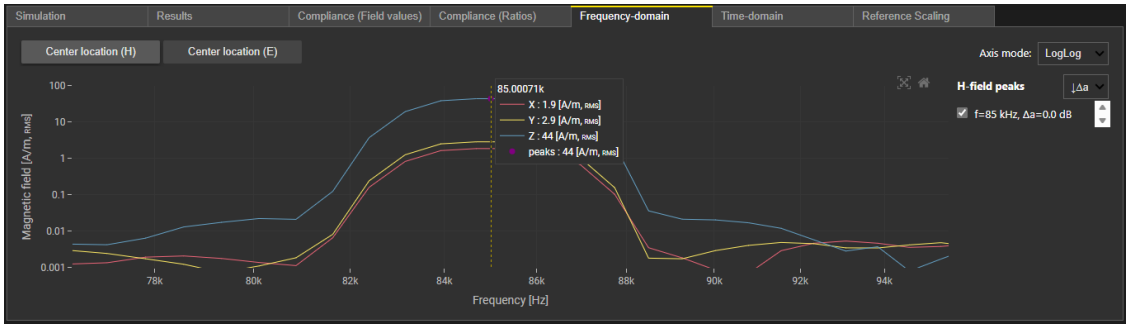


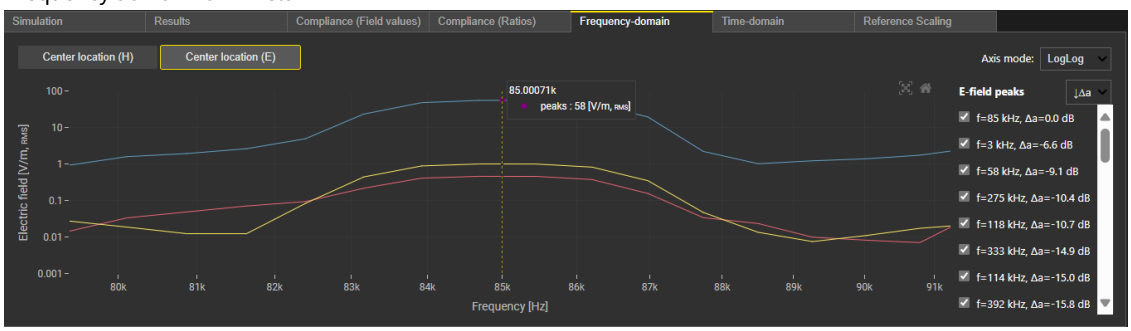
Total Field evaluation, coverage factor:ON



Total Field evaluation, Multi-frequency, coverage factor:ON



Frequency domain for H-field



Frequency domain for E-field

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Appendix C. Calibration Data

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Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **HCT**
Gyeonggi-do, Republic of Korea

Certificate No. **V-Coil350/85-1021_Mar25**

CALIBRATION CERTIFICATE

Object	V-Coil350/85V2 - SN: 1021
Calibration procedure(s)	QA CAL-47.v13 Calibration Procedure for WPT Verification & Validation Sources
Calibration date:	March 28, 2025

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 75%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
MAGPy-8H3D+E3D/DAS	SN: 3090/3078	22-Aug-24 (MAGPy-8H3D-3090_Aug24)	Aug-25

Secondary Standards	ID #	Check Date (in house)	Scheduled Check

결재	담당자	확인자
	김지현	[signature]
직위/성명	DL / 김지현	PT / 최동훈
일자	2025/04/09	2025/04/09

	Name	Function	Signature
Calibrated by:	Jingtian Xi	Project Leader	Jingtian
Approved by:	Sven Kühn	Technical Manager	[signature]

Issued: April 1, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: V-Coil350/85-1021_Mar25 Page 1 of 5

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Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Glossary:

WPT	wireless power transfer
V&V	verification & validation

Calibration is Performed According to the Following Standards:

- Internal procedure QA CAL-47 Calibration procedure for WPT verification & validation sources from 3 kHz to 10 MHz
- IEC/IEEE 63164, "Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems – Models, instrumentation, measurement and computational methods and procedures (Frequency range 3 kHz to 30 MHz)", draft standard, 2023

Additional Documentation:

a) cDASY6/DASY8 Module WPT Manual

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* The V&V source is switched on for at least 30 minutes.
- *Source Positioning:* The V&V source is placed in the center of the UniPV1 phantom such that the source surface is parallel to phantom surface. The probe location used for DUT teaching is the top center of the coil (marked on the source casing). The probe distance is verified using mechanical gauges placed on the source surface.
- *H-field distribution:* H-field is measured in the volume above the V&V source in a rectilinear grid with a uniform grid step of 7.33 mm.

Calibrated Quantity

- Spatial peak of H-field (RMS value) at *d* mm from the DUT surface (extrapolated from measurements)

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

Software version	cDASY6 Module WPT	2.8.0.5184
	Notebook GUI	2.8.2.2
	Sim4Life	8.0.1
Scan setup	Grid dimensions	x: 477 mm, y: 389 mm, z: 36.7 mm
	Grid resolutions	dx, dy, dz: 7.33 mm
Nominal frequency	85 kHz	

Calibrated Quantities

Distance (relative to source surface) (mm)	Peak H-field (A/m)	Uncertainty (k=2) (dB)
0	209	1.13
2	190	1.13

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Appendix (Additional assessments outside the scope of SCS 0108)

Peak values of induced fields[1]

Distance (relative to source surface) (mm)	Induced peak current density, 1cm² area avg. (A/m²)	Induced peak E-field (V/m)			peak spatial SAR (mW/kg)	
		2mm cube avg.	Local	5mm line avg.	1g avg.	10g avg.
0	2.38	3.40	3.44	3.45	6.64	4.91
2	2.24	3.20	3.23	3.24	5.93	4.45

Voltage measurement

Total voltage (V)	Voltages at harmonics (dBc)
0.409	Highest harmonic: -46.4 2nd highest harmonic: -48.5

[1] determined for a virtual half-space phantom with tissue properties ε_r = 55, σ = 0.75 S/m, ρ=1000 kg/m³ and a 2 mm thick phantom shell

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Measurement report

cDASY6 Module WPT Measurement Report

Device under test

Info:
V-Coil350/85

Serial number:
1021

Scenario:
source calibration

Tool info

DASY software version:
cDASY6 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000230, 2024/08/23

Software version:
2.8.8, *backend:* 2.2.36

Scan info

Center location:
x: -48.06 mm, y: -119.86 mm, z: 36.41 mm

Dimensions:
x: 477.0 mm, y: 388.8 mm, z: 36.7 mm

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

Completed on:
2025/03/28 16:55:26

Measurement results

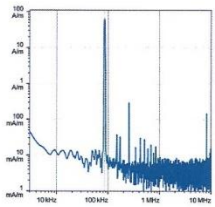
Maximum H-field [RMS]:
MAGNITUDE: 136.74 A/m
x: 119.82 A/m, y: 30.90 A/m, z: 58.19 A/m

Maximum H-field location relative to DUT:
x: 157.67 mm, y: 25.67 mm, z: 8.50 mm

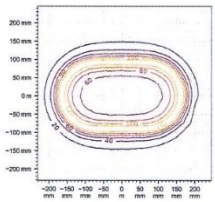
Distance to -20.0 dB boundary:
62.66 mm

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 homogeous phantom at the peak frequency *(f = 85.00 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)*

Distance [mm]	Peak incident fields [RMS] H_{inc} [A/m]	Peak E_{ind} [V/m, RMS] Cube avg.	Local	Line avg.	Peak J_{ind} [A/m², RMS] Surface avg.	psSAR [mW/kg] 1g avg.	10g avg.	H-field extent -20 dB radius [mm]	Warnings Sign	Vector potential	Boundary effect
0.00	209	3.40	3.44	3.45	2.38	6.64	4.91	181	1%	91%	36%
2.00	190	3.20	3.23	3.24	2.24	5.93	4.45	183	1%	91%	38%

Compliance evaluation (Field values at the peak frequency) *(f=85.00 kHz,)*

Distance [mm]	ICNIRP 2010/2020 RL [RMS] pH_{inc} [A/m]	BR [RMS] pE_{ind} [V/m]	psSAR [mW/kg]	ICNIRP 1998 RL [RMS] pH_{inc} [A/m]	BR [RMS] pJ_{ind} [A/m²]	psSAR [mW/kg]	IEEE 2019 ERL [RMS] pH_{inc} [A/m]	DRL [RMS] pE_{ind} [V/m]	psSAR [mW/kg]	FCC MPE [RMS] pH_{inc} [A/m]	BR [RMS] pE_{ind} [V/m]	psSAR [mW/kg]	HC Code 6 RL [RMS] pH_{inc} [A/m]	BR [RMS] pE_{ind} [V/m]	psSAR [mW/kg]
0.00	209	3.40	4.91	209	2.38	4.91	209	3.45	4.91	209	N/A	6.64	209	3.44	6.64
2.00	190	3.20	4.45	190	2.24	4.45	190	3.24	4.45	190	N/A	5.93	190	3.23	5.93

Compliance evaluation (Exposure ratios) *(ratios in dB)*

Distance [mm]	ICNIRP 2010/2020 RL pH_{inc} NS	TH	BR pE_{ind} NS	TH	psSAR	ICNIRP 1998 RL pH_{inc} N/A	BR pJ_{ind} NS	TH	psSAR	IEEE 2019 ERL pH_{inc} NS	TH	DRL pE_{ind} NS	TH	psSAR	FCC MPE pH_{inc} N/A	BR pE_{ind} N/A	TH	psSAR	HC Code 6 RL pH_{inc} NS	TH	BR pE_{ind} NS	TH	psSAR
0.00	20.0	N/A	-10.6	N/A		32.4	22.9	N/A		2.17	N/A	-14.3	N/A		7.33	N/A	N/A		7.33	N/A	-10.5	N/A	
2.00	19.2	N/A	-11.1	N/A		31.6	22.4	N/A		1.35	N/A	-14.8	N/A		6.51	N/A	N/A		6.51	N/A	-11.0	N/A	

Document generated at 2025/03/28 22:20:04, simulation performed at 2025/03/28 17:08:57 using Sim4Life version 8.0.1.15737

1/1

Certificate No: V-Coil350/85-1021_Mar25 Page 5 of 5

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