

Annex B - WPT System results

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Accredited Test Laboratory:

The testing laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025 (2018-03) by the Deutsche Akkreditierungsstelle GmbH (DAkkS)

The accreditation is valid for the scope of testing procedures as stated in the accreditation certificate starting with the registration number: D-PL-12047-01-00.

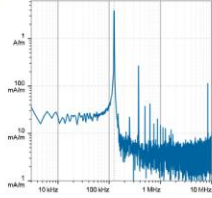
DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: Euchner	DASY7 software version: DASY8 Module WPT 2.6.0.5002	Center location: x: -10.00 mm, y: 0.00 mm, z: 168.00 mm
Serial number: 16	Probe model, serial no. and configuration date: MAGPy-BHSD+E3Dv2, WP000009, 2023/11/02	Dimensions: x: 124.7 mm, y: 124.7 mm, z: 36.0 mm
Scenario: centre of EUT at worst case side touch (use case)	Software version: 2.0.61, backend: 2.2.22	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2024/05/27 16:35:03

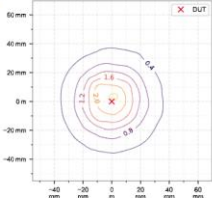
Measurement results

Maximum H-field [mV/m]
MAGNITUDE: 2.42 A/m
x: 501.77 mV/m, y: 757.43 mV/m, z: 2.24 A/m
Maximum H-field location relative to DUT:
x: 3.67 mm, y: 3.67 mm, z: 8.50 mm
Maximum E-field [mV/m]
MAGNITUDE: 83.00 V/m
x: 663.30 mV/m, y: 307.79 mV/m, z: 83.00 V/m
Maximum E-field location relative to DUT:
x: 0.00 mm, y: 0.00 mm, z: 0.00 mm
Distance to -20.0 dB boundary:
41.48 mm
Offset relative to DUT:
x: 0.00 mm, y: 0.00 mm, z: 1.00 mm

H-field magnitude [mV/m] at maximum location



H-field magnitude [mV/m] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 124.73 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$)

Distance [mm]	Peak incident fields [mV/m]		Peak E _{ind} [V/m, mV/m]			Peak J _{ind} [A/m ² , mV/m]		psSAR [mW/kg]		H-field extent -20 dB radius [mm]	N-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.					
0.00	5.18	83.0	0.020	0.021		0.000	0.000	37.2	44%	13%	40%		
2.00	4.47	77.3	0.017	0.018	0.011	0.000	0.000	38.1	44%	13%	44%		
5.00	3.46	60.3	0.014	0.014	0.014	0.009	0.000	40.0	44%	13%	52%		

Compliance evaluation (Field values at the peak frequency) (f = 124.73 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [mV/m]	PL _{inc} [V/m]	PE _{inc} [V/m]	psSAR [mW/kg]	RL [mV/m]	PL _{inc} [V/m]	PE _{inc} [V/m]	psSAR [mW/kg]	ERL [mV/m]	PL _{inc} [V/m]	PE _{inc} [V/m]	psSAR [mW/kg]	MPE [mV/m]	PL _{inc} [V/m]	PE _{inc} [V/m]	psSAR [mW/kg]	RL [mV/m]	PL _{inc} [V/m]	PE _{inc} [V/m]	psSAR [mW/kg]
0.00	5.18	83.0	0.113	0.000	5.18	83.0	0.015	0.000	5.18	83.0	0.064	0.000	5.18	83.0	N/A	0.000	5.18	83.0	0.163	0.000
2.00	4.47	77.3	0.098	0.000	4.47	77.3	0.013	0.000	4.47	77.3	0.056	0.000	4.47	77.3	N/A	0.000	4.47	77.3	0.142	0.000
5.00	3.46	60.3	0.078	0.000	3.46	60.3	0.010	0.000	3.46	60.3	0.044	0.000	3.46	60.3	N/A	0.000	3.46	60.3	0.112	0.000

Coverage factors: $W_{E_{ind, total, avg}} = [5.36, 5.37, 5.40]$, $W_{E_{ind, total}} = [7.57, 7.59, 7.63]$, $W_{E_{ind, total, avg}} = [2.94, 2.95, 2.96]$

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				
	μE_{inc}		μE_{inc}		μE_{ind}	psSAR	μE_{inc}		μE_{inc}		μE_{ind}	psSAR	μE_{inc}		μE_{inc}		μE_{ind}	psSAR	μE_{inc}	μE_{inc}	μE_{ind}	psSAR	μE_{inc}		μE_{inc}		μE_{ind}	psSAR			
	NS	TH	NS	TH	μE_{ind}	psSAR	μE_{inc}	μE_{inc}	μE_{ind}	psSAR	μE_{inc}	μE_{inc}	NS	TH	NS	TH	μE_{ind}	psSAR	μE_{inc}	μE_{inc}	μE_{ind}	psSAR	NS	μE_{inc}	TH	NS	μE_{inc}	TH	μE_{ind}	psSAR	TH
0.00	0.25	0.13	1.26	0.04	<0.01	<0.01	1.04	1.15	0.06	<0.01	0.03	0.02	0.17	0.06	<0.01	<0.01	3.18	0.17	N/A	<0.01	0.06	0.89	1.26	0.37	<0.01	<0.01					
2.00	0.21	0.11	1.18	0.03	<0.01	<0.01	0.89	1.07	0.06	<0.01	0.03	0.02	0.16	0.06	<0.01	<0.01	2.74	0.16	N/A	<0.01	0.05	0.76	1.18	0.35	<0.01	<0.01					
5.00	0.16	0.09	0.92	0.03	<0.01	<0.01	0.69	0.84	0.04	<0.01	0.02	0.01	0.12	0.04	<0.01	<0.01	2.12	0.12	N/A	<0.01	0.04	0.59	0.92	0.27	<0.01	<0.01					

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