



Annex B - WPT System results

Appendix No.: 1-9362-25-03-02_TR2-A201-R01

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Scenario 1 – Idle Mode, Sample 5, measured at 0, 10 and 20 mm distance:

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: Bury - Production Sample (Idle)	DASY software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 120.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8HD+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 36.0 mm
Scenario: 0.11A / 14.0V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/16 13:16:36

Measurement results

Maximum H-field [rms]
MAGNITUDE: 243.53 mA/m
x: 108.21 mm, y: 29.16 mm, z: 216.22 mm

Maximum H-field location relative to DUT:
x: 10.98 mm, y: -18.35 mm, z: 8.50 mm

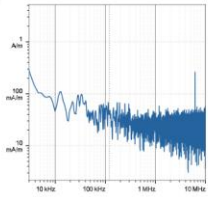
Maximum E-field [rms]
MAGNITUDE: 4.93 V/m
x: 97.73 mm, y: 399.80 mm, z: 4.82 mm

Maximum E-field location relative to DUT:
x: 21.98 mm, y: -29.35 mm, z: 0.00 mm

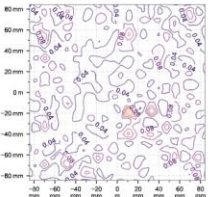
Distance to -20 dB boundary:
22.00 mm

Offset relative to DUT:
x: 14.65 mm, y: -14.65 mm, 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 = 123.97 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		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	0.373	4.93	1.22e-3	1.32e-3	1.31e-3	6.94e-4	4.56e-7	2.85e-7	91.6	99%	273%	79%			
10.0	0.195	1.22	1.11e-3	1.18e-3	1.14e-3	6.87e-4	4.29e-7	2.58e-7	89.2	99%	273%	100%			
20.0	0.196	1.39	1.06e-3	1.13e-3	1.09e-3	6.50e-4	3.87e-7	2.21e-7	92.8	99%	273%	100%			

Compliance evaluation (Field values at the peak frequency) (f = 123.97 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				FCG				HC Code 6			
	RL [μW/m²]	PL [μW/m²]	BR [μW/m²]	psSAR [mW/kg]	PL [μW/m²]	PL [μW/m²]	PL [μW/m²]	psSAR [mW/kg]	PL [μW/m²]	PL [μW/m²]	PL [μW/m²]	psSAR [mW/kg]	PL [μW/m²]	PL [μW/m²]	PL [μW/m²]	psSAR [mW/kg]	PL [μW/m²]	PL [μW/m²]	PL [μW/m²]	psSAR [mW/kg]
0.00	0.373	4.93	7.73e-3	3.07e-7	0.373	4.93	8.23e-4	3.07e-7	0.373	4.93	4.46e-3	3.07e-7	0.373	4.93	N/A	4.78e-7	0.373	4.93	0.0116	4.78e-7
10.0	0.195	1.22	6.88e-3	2.6e-7	0.195	1.22	7.19e-4	2.6e-7	0.195	1.22	3.78e-3	2.6e-7	0.195	1.22	N/A	4.31e-7	0.195	1.22	0.0103	4.31e-7
20.0	0.196	1.39	6.62e-3	2.22e-7	0.196	1.39	6.94e-4	2.22e-7	0.196	1.39	3.64e-3	2.22e-7	0.196	1.39	N/A	3.89e-7	0.196	1.39	9.89e-3	3.89e-7

Coverage factors: $W_{\text{inc, total avg}} = [6.17, 6.14, 6.19]$, $W_{\text{inc, max}} = [8.72, 8.67, 8.75]$, $W_{\text{inc, line avg}} = [3.29, 3.27, 3.30]$

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

Distance [mm]	ICNIRP 2010/2020								ICNIRP 1996								IEEE 2019								FCC								HC Code 6							
	RL				BR				RL				BR				ERL				DRL				MPE				BR				RL				BR			
	NS	TH	NS	TH	PE _{ind}	psSAR	PE _{inc}	psSAR	NS	TH	NS	TH	PE _{ind}	psSAR	NS	TH	NS	TH	PE _{ind}	psSAR	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH						
0.00	0.02	<0.01	14.1	>999	<0.01	<0.01	0.07	38.2	0.13	<0.01	<0.01	<0.01	<0.01	1.9	361.0	<0.01	<0.01	0.23	4.78	N/A	<0.01	<0.01	0.06	14.1	N/A	<0.01	<0.01	0.06	14.1	N/A	<0.01	<0.01	<0.01	<0.01						
10.0	<0.01	<0.01	3.47	737.0	<0.01	<0.01	0.04	9.42	0.03	<0.01	<0.01	<0.01	<0.01	0.47	89.1	<0.01	<0.01	0.12	1.18	N/A	<0.01	<0.01	0.93	3.47	N/A	<0.01	<0.01	0.93	3.47	N/A	<0.01	<0.01	<0.01	<0.01						
20.0	<0.01	<0.01	3.96	840.0	<0.01	<0.01	0.04	10.7	0.04	<0.01	<0.01	<0.01	<0.01	0.54	102.0	<0.01	<0.01	0.12	1.34	N/A	<0.01	<0.01	0.93	3.96	N/A	<0.01	<0.01	0.93	3.96	N/A	<0.01	<0.01	<0.01	<0.01						
Coverage factors: $W_{\text{inc, total avg}} = [6.17, 6.14, 6.19]$, $W_{\text{inc, max}} = [8.72, 8.67, 8.75]$, $W_{\text{inc, line avg}} = [3.29, 3.27, 3.30]$																																								
Document generated at 2025/06/17 18:00:45, simulation performed at 2025/06/17 18:00:14 using Sim4Life version 8.0.1.15737																																								

Scenario 2a – IPHONE 15 Pro (battery status at test start: 1%) – Frequency 360 kHz,
tested approx. 1cm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 2a Iphone 15 Pro 360kHz_1%to27%	DASY8 software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 129.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm
Scenario: 1.2 A / 14.03 V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/16 09:09:20

Measurement results

Maximum H-field [mA/m]:
MAGNITUDE: 353.64 mA/m
x: 64.87 mA/m, y: 55.62 mA/m, z: 343.16 mA/m

Maximum H-field location relative to DUT:
x: -40.35 mm, y: 10.98 mm, z: 8.50 mm

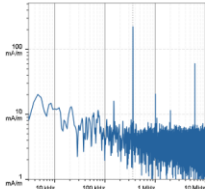
Maximum E-field [V/m]:
MAGNITUDE: 78.45 V/m
x: 3.20 V/m, y: 4.97 V/m, z: 78.23 V/m

Maximum E-field location relative to DUT:
x: 14.65 mm, y: 58.65 mm, z: 0.00 m

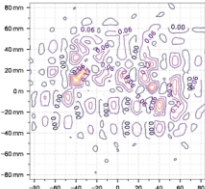
Distance to -20.0 dB boundary:
7.33 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency

Incident fields and induced fields in the homogeneous phantom at the peak frequency $\{f = 303.32 \text{ MHz}, \alpha = 0.750 \text{ G/m}, \text{ tissue density} = 1,000 \text{ kg/m}^3\}$																
Distance [mm]	Peak incident fields [m]			Peak E_{ind} [V/m, mm]			Peak J_{ind} [A/m ² , mm]			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]	1g avg						
0.00	0.547	78.4	5.17e-3	5.44e-3	5.43e-3	3.24e-3	1.17e-5	7.41e-6	63.8		91%	100%				
10.0	0.289	25.8	4.5e-3	4.71e-3	4.50e-3	3.1e-3	1.02e-5	5.38e-6	52.2		91%	100%				
20.0	0.154	17.4	3.12e-3	3.35e-3	3.10e-3	1.97e-3	4.91e-6	2.77e-6	63.9		91%	100%				

Compliance evaluation (Field values at the peak frequency) (f=360.32 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [mA/m]	PL _{inc} [V/m]	PL _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PL _{inc} [V/m]	PL _{ind} [A/m ²]	psSAR [mW/kg]	PL _{inc} [A/m]	PL _{inc} [V/m]	PL _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PL _{inc} [V/m]	PL _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PL _{inc} [V/m]	PL _{ind} [V/m]	psSAR [mW/kg]
0.00	0.547	78.4	0.0382	6.1e-5	0.547	78.4	9.57e-3	6.1e-5	0.547	78.4	0.0253	6.1e-5	0.547	78.4	N/A	6.52e-5	0.547	78.4	0.0527	6.52e-5
10.0	0.289	25.8	0.0279	1.12e-5	0.289	25.8	5.18e-3	1.12e-5	0.289	25.8	0.0164	1.12e-5	0.289	25.8	N/A	1.60e-5	0.289	25.8	0.0399	1.60e-5
20.0	0.154	17.4	0.0198	5.41e-6	0.154	17.4	3.38e-3	5.41e-6	0.154	17.4	0.0118	5.41e-6	0.154	17.4	N/A	6.65e-6	0.154	17.4	0.0292	6.65e-6

Coverage factors: $W_{E_{ind, 100\text{ Hz}}} = [5.76, 5.58, 5.76]$, $W_{E_{ind, 100\text{ Hz}}} = [8.13, 7.89, 8.13]$, $W_{E_{ind, 100\text{ Hz}}} = [3.11, 3.04, 3.11]$

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

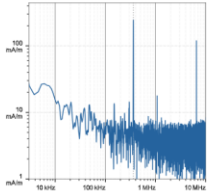
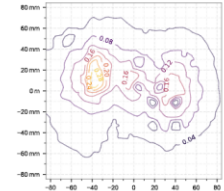
Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	0.03	0.04	2.23	0.53	<0.01	<0.01	0.29	2.45	0.02	<0.01	<0.01	0.30	0.17	<0.01	<0.01	0.34	0.46	N/A	<0.01	<0.01
10.0	0.01	0.02	0.73	0.18	<0.01	<0.01	0.15	0.80	0.01	<0.01	<0.01	0.10	0.06	<0.01	<0.01	0.18	0.15	N/A	<0.01	<0.01
20.0	<0.01	0.01	0.50	0.12	<0.01	<0.01	0.08	0.54	<0.01	<0.01	<0.01	0.07	0.04	<0.01	<0.01	0.09	0.10	N/A	<0.01	<0.01

Document generated at 2025/06/17 18:10:51, simulation performed at 2025/06/17 18:05:29 using Sim4Life version 8.0.1.15737

Scenario 2b – IPHONE 15 Pro (battery status at test start: 43%) – Frequency 360 kHz, tested approx. 1cm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 2b Iphone 15 Pro 360kHz_43% to 61%	DASY software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 131.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm
Scenario: 1.2 A / 14.12 V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/13 14:47:24

Measurement results	H-field magnitude [a/m] at center location	H-field magnitude [a/m] at lowest plane
Maximum H-field [a/m]: MAGNITUDE: 289.70 mA/m x: 58.18 mm, y: 54.96 mm, z: 278.42 mm Maximum H-field location relative to DUT: x: -40.35 mm, y: 10.98 mm, z: 8.50 mm Maximum E-field [a/m]: MAGNITUDE: 49.53 V/m x: 1.88 V/m, y: 2.88 V/m, z: 49.41 V/m Maximum E-field location relative to DUT: x: -14.65 mm, y: 58.65 mm, z: 0.00 m Distance to -20.0 dB boundary: 42.76 mm Offset relative to DUT: x: 14.65 mm, y: -14.65 mm, z: 1.00 mm		

Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 360.85 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$)

Peak incident fields [mW]			Peak E_{ind} [V/m, mW]			Peak J_{ind} [A/m ² , mW]		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	0.588	49.5	9.61e-3	9.78e-3	9.75e-3	6.58e-3	4.83e-5	3.01e-5	68.1	77%	47%	72%	
18.0	0.261	15.2	6.7e-3	6.84e-3	6.82e-3	4.52e-3	2.15e-5	1.30e-5	85.8	77%	47%	74%	

Compliance evaluation (Field values at the peak frequency) (f = 360.85 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCG				HC Code 6			
	RL [a/m]	PL [a/m]	BR [a/m]	psSAR [mW/kg]	RL [a/m]	PL [a/m]	BR [a/m]	psSAR [mW/kg]	ERL [a/m]	PL [a/m]	BR [a/m]	psSAR [mW/kg]	MPE [a/m]	PL [a/m]	BR [a/m]	psSAR [mW/kg]	RL [a/m]	PL [a/m]	BR [a/m]	psSAR [mW/kg]
0.00	0.588	49.5	0.061	4.90e-5	0.588	49.5	0.0103	4.90e-5	0.588	49.5	0.0356	4.90e-5	0.588	49.5	N/A	6.72e-5	0.588	49.5	0.0854	6.72e-5
18.0	0.261	15.2	0.0423	1.48e-5	0.261	15.2	5.67e-3	1.48e-5	0.261	15.2	0.0237	1.48e-5	0.261	15.2	N/A	2.33e-5	0.261	15.2	0.0603	2.33e-5

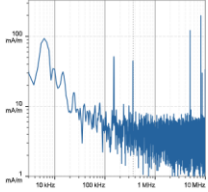
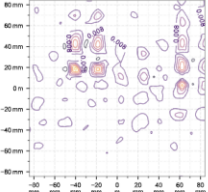
Coverage factors: $W_{E_{ind}, cube avg} = [5.62, 6.09]$, $W_{E_{ind}, line avg} = [8.22, 8.60]$, $W_{E_{ind}, surface avg} = [3.14, 3.25]$

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

ICNIRP 2010/2020										ICNIRP 1998										IEEE 2019										FCC										HC Code 6									
Distance [mm]	RL				BR				RL				BR				ERL				DRL				MPE				BR				RL				BR												
	NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH		NS	pE _{lim}	TH														
0.00	0.03	0.04	3.84	0.59	<0.01	<0.01			0.29	5.7	0.04	<0.01	<0.01	<0.01	<0.01	0.52	0.18	<0.01	<0.01			0.36	1.03	N/A	<0.01	<0.01	0.29	3.84	N/A	<0.01	<0.01																		
18.0	0.01	0.02	1.17	0.18	<0.01	<0.01			0.13	1.74	0.02	<0.01	<0.01	<0.01	<0.01	0.16	0.06	<0.01	<0.01			0.16	0.31	N/A	<0.01	<0.01	0.13	1.17	N/A	<0.01	<0.01																		
Coverage factors: $W_{E_{ind}, cube avg} = [5.62, 6.09]$, $W_{E_{ind}, line avg} = [8.22, 8.60]$, $W_{E_{ind}, surface avg} = [3.14, 3.25]$																																																	
Document generated at 2025/06/17 18:15:14, simulation performed at 2025/06/17 18:14:49 using Sim4Life version 8.0.1.15737																																																	

Scenario 2c – IPHONE 15 Pro (battery status at test start: 73%) – Frequency 360 kHz,
tested approx. 1cm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 2c Iphone 15 Pro 360kHz_73% to 98%	DASY software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 29.30 mm, y: 29.30 mm, z: 150.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.7 mm, y: 168.7 mm, z: 36.0 mm
Scenario: 1.1 A / 14.05 V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/16 10:01:56
Measurement results		
Maximum H-field [mV/m]: MAGNITUDE: 50.43 mV/m x: 23.76 mm, y: 12.36 mm, z: 42.72 mm		
Maximum H-field location relative to DUT: x: 18.32 mm, y: 10.98 mm, z: 15.83 mm		
Maximum E-field [mV/m]: MAGNITUDE: 5.87 V/m x: 726.63 mm, y: 706.35 mm, z: 5.78 V/m		
Maximum E-field location relative to DUT: x: -29.35 mm, y: -29.32 mm, z: 0.00 m		
Distance to -20 dB boundary: 7.33 mm		
Offset relative to DUT: x: 14.65 mm, y: 14.65 mm, z: 1.00 mm		
H-field magnitude [mV/m] at center location		
		
H-field magnitude [mV/m] at lowest plane		
		

Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 360 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = 1.000 kg/m^3)

Distance [mm]	Peak incident fields [mV/m]		Peak E_{ind} [V/m, mV/m]			Peak J_{ind} [A/m ² , mA/m ²]			psSAR [mW/kg]		H-field extent -20 dB radius [mm]	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.	1g avg.	10g avg.				
0.00	0.0639	5.87	1.01e-3	1.07e-3	1.08e-3	5.23e-4	2.84e-7	1.77e-7	82.2	73%	82.2	73%	293%	100%
10.0	0.0421	4.67	8.27e-4	8.94e-4	8.31e-4	5.19e-4	2.49e-7	1.33e-7	67.3	73%	67.3	73%	293%	100%

Compliance evaluation (Field values at the peak frequency) (f = 360 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				MPE				FCG				HC Code 6			
	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]
0.00	0.0639	5.87	6.73e-3	4.87e-7	0.0639	5.87	1.01e-3	4.87e-7	0.0639	5.87	4.12e-3	4.87e-7	0.0639	5.87	N/A	5.94e-7	0.0639	5.87	9.77e-3	5.94e-7	0.0639	5.87	9.77e-3	5.94e-7
10.0	0.0421	4.67	5.32e-3	3.3e-7	0.0421	4.67	9.03e-4	3.3e-7	0.0421	4.67	3.11e-3	3.3e-7	0.0421	4.67	N/A	4.46e-7	0.0421	4.67	7.85e-3	4.46e-7	0.0421	4.67	7.85e-3	4.46e-7

Coverage factors: $w_{\text{E}_{\text{inc}}}$ [0.03, 5.87], $w_{\text{E}_{\text{ind}}}$ [0.52, 6.21], $w_{\text{H}_{\text{inc}}}$ [0.23, 3.13]

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

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				MPE				FCG				HC Code 6			
	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]	H_{inc} [A/m]	E_{inc} [V/m]	H_{ind} [A/m]	E_{ind} [V/m]
0.00	<0.01	<0.01	0.18	0.07	<0.01	<0.01	0.03	0.24	<0.01	<0.01	0.02	0.02	<0.01	<0.01	0.04	0.04	N/A	<0.01	<0.01	0.03	0.18	N/A	<0.01	<0.01
10.0	<0.01	<0.01	0.14	0.06	<0.01	<0.01	0.02	0.19	<0.01	<0.01	0.02	0.02	<0.01	<0.01	0.03	0.03	N/A	<0.01	<0.01	0.02	0.14	N/A	<0.01	<0.01

Coverage factors: $w_{\text{E}_{\text{inc}}}$ [0.03, 5.87], $w_{\text{E}_{\text{ind}}}$ [0.52, 6.21], $w_{\text{H}_{\text{inc}}}$ [0.23, 3.13]

Document generated at 2025/06/17 10:10:20, simulation performed at 2025/06/17 10:10:15 using Sim4Life version 8.0.1.15737

Scenario 2d – Samsung Galaxy 5G (battery status at test start: 1%) – Frequency 128 kHz, tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test

Info:
2d Samsung Galaxy 5G 128 kHz_1% to 17%

Serial number:
Sample 5

Scenario:
1.05 A / 14.09 V

Tool info

DASY8 software version:
DASY8 Module WPT 2.8.0.5947

Probe model, serial no. and configuration date:
MAGPy-BH3D+E3Dv2, WP000009, 2024/11/06

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 14.65 mm, y: 14.65 mm, z: 128.00 mm

Dimensions:
x: 168.6 mm, y: 168.6 mm, z: 36.0 mm

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

Completed on:
2025/06/17 13:03:46

Measurement results

Maximum H-field [mA/m]:
MAGNITUDE: 726.28 mA/m
x: 243.47 mA/m, y: 325.78 mA/m, z: 661.73 mA/m

Maximum H-field location relative to DUT:
x: -47.68 mm, y: -18.35 mm, z: 8.50 mm

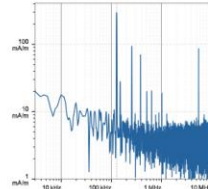
Maximum E-field [V/m]:
MAGNITUDE: 86.08 V/m
x: 4.34 V/m, y: 4.05 V/m, z: 85.87 V/m

Maximum E-field location relative to DUT:
x: 14.65 mm, y: 58.55 mm, z: 0.00 m

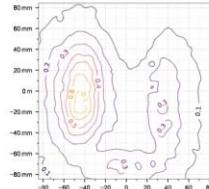
Distance to -20.0 dB boundary:
72.60 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.73 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [mA/m]		Peak E _{ind} [V/m, mW/kg]		Peak J _{ed} [A/m², mW/kg]		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]				
0.09	1.35	86.1	0.0139	0.0142	0.0143	9.09e-3	8.17e-5	4.11e-5	80.9	40%	40%	29%	57%
2.00	1.19	78.0	0.0122	0.0125	0.0125	7.91e-3	6.31e-5	3.24e-5	82.6	40%	40%	29%	60%
12.0	0.571	22.0	6.42e-3	6.55e-3	6.55e-3	4.29e-3	1.93e-5	1.08e-5	93.2	40%	40%	29%	83%

Compliance evaluation (Field values at the peak frequency) (f = 127.73 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNRP 2010/2020				ICNRP 1998				IEEE 2019				FCC				HC Code 5			
	RL [mA/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	RL [mA/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PE _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PE _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PE _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.09	1.35	86.1	0.0868	4.82e-5	1.35	86.1	0.0114	4.82e-5	1.35	86.1	0.049	4.82e-5	1.35	86.1	N/A	8.88e-5	1.35	86.1	0.124	8.88e-5
2.00	1.19	78.0	0.0765	3.83e-5	1.19	78.0	0.0100	3.83e-5	1.19	78.0	0.0432	3.83e-5	1.19	78.0	N/A	6.9e-5	1.19	78.0	0.109	6.9e-5
12.0	0.571	22.0	0.0406	1.13e-5	0.571	22.0	4.88e-3	1.13e-5	0.571	22.0	0.0224	1.13e-5	0.571	22.0	N/A	1.97e-5	0.571	22.0	0.0582	1.97e-5

Coverage factors: $WF_{E_{inc, 100\%}} = [8.01, 6.04, 6.20]$, $WF_{E_{inc, 100\%}} = [8.49, 8.53, 8.76]$, $WF_{E_{inc, 100\%}} = [3.22, 3.23, 3.30]$

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

Distance [mm]	ICNRP 2010/2020								ICNRP 1998								IEEE 2019								FCC								HC Code 6							
	RL				BR				RL				BR				ERL				DRL				MPE				BR				RL				BR			
	NS	$\mu_{E_{inc}}$	TH	NS	$\mu_{E_{inc}}$	TH	$\mu_{E_{inc}}$	psSAR	NS	$\mu_{E_{inc}}$	TH	$\mu_{E_{inc}}$	psSAR	NS	$\mu_{E_{inc}}$	TH	NS	$\mu_{E_{inc}}$	TH	$\mu_{E_{inc}}$	psSAR	NS	$\mu_{E_{inc}}$	TH	$\mu_{E_{inc}}$	psSAR	NS	$\mu_{E_{inc}}$	TH	NS	$\mu_{E_{inc}}$	TH	$\mu_{E_{inc}}$	psSAR						
0.09	0.06	0.04	1.85	0.35	<0.01	<0.01	0.27	1.72	0.05	<0.01	<0.01	<0.01	<0.01	0.25	0.11	<0.01	<0.01	0.83	0.35	N/A	<0.01	0.02	0.24	1.85	N/A	<0.01	<0.01	<0.01	<0.01	0.21	1.68	N/A	<0.01	<0.01						
2.00	0.06	0.03	1.68	0.32	<0.01	<0.01	0.24	1.56	0.05	<0.01	<0.01	<0.01	<0.01	0.23	0.10	<0.01	<0.01	0.73	0.32	N/A	<0.01	0.01	0.21	1.68	N/A	<0.01	<0.01	<0.01	<0.01	0.10	0.47	N/A	<0.01	<0.01						
12.0	0.03	0.01	0.47	0.09	<0.01	<0.01	0.11	0.44	0.02	<0.01	<0.01	<0.01	<0.01	0.06	0.03	<0.01	<0.01	0.35	0.09	N/A	<0.01	<0.01	0.10	0.47	N/A	<0.01	<0.01	<0.01	<0.01	0.10	0.47	N/A	<0.01	<0.01						

Coverage factors: $WF_{E_{inc, 100\%}} = [8.01, 6.04, 6.20]$, $WF_{E_{inc, 100\%}} = [8.49, 8.53, 8.76]$, $WF_{E_{inc, 100\%}} = [3.22, 3.23, 3.30]$

Scenario 2e – Samsung Galaxy 5G (battery status at test start: 42%) – Frequency 128 kHz, tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test

Info:
2e Samsung Galaxy 5G 128kHz_42% to 59%
Serial number:
Sample 5
Scenario:
1.04 A / 14.1 V

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5947
Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06
Software version:
2.8.8, backend: 2.2.36

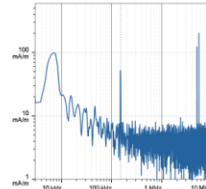
Scan info

Center location:
x: 14.65 mm, y: 14.65 mm, z: 128.00 mm
Dimensions:
x: 168.6 mm, y: 168.6 mm, z: 36.0 mm
Resolution:
x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
Completed on:
2025/06/17 14:01:44

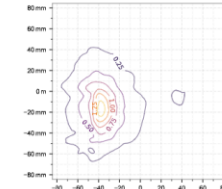
Measurement results

Maximum H-field [rms]:
MAGNITUDE: 1.59 A/m
x: 140.58 mm, y: 150.83 mm, z: 1.57 A/m
Maximum H-field location relative to DUT:
x: -40.35 mm, y: -18.35 mm, z: 8.50 mm
Maximum E-field [rms]:
MAGNITUDE: 99.93 V/m
x: 5.14 V/m, y: 5.99 V/m, z: 99.61 V/m
Maximum E-field location relative to DUT:
x: 21.98 mm, y: 58.65 mm, z: 0.00 m
Distance to -20 dB boundary:
39.49 mm
Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [rms] at center location



H-field magnitude [rms] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.84 kHz, α = 0.750 S/m, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [rms]		Peak E_{ind} [V/m, mm]			Peak J_{ind} [mA/mm ² , mm]		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.	I _g avg.	I _g avg.	-20 dB radius [mm]				
0.00	3.01	99.9	0.0158	0.0162	0.0161	0.0103	1.05e-4	5.53e-5	48.9	26%	25%	53%	
2.00	2.66	90.4	0.0141	0.0144	0.0144	9.00e-3	8.06e-5	4.3e-5	50.6	26%	25%	54%	
12.0	1.18	23.7	7.13e-3	7.33e-3	7.28e-3	4.73e-3	2.36e-5	1.47e-5	70.2	26%	25%	76%	

Compliance evaluation (Field values at the peak frequency) (f = 127.84 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNRP 2010/2020				ICNRP 1998				IEEE 2019				FCG				HC Code 6			
	RL [mm]	BR [mm]	RL [mm]	BR [mm]	RL [mm]	BR [mm]	RL [mm]	BR [mm]	RL [mm]	BR [mm]	RL [mm]	BR [mm]	RL [mm]	BR [mm]	RL [mm]	BR [mm]				
	μH_{10} [A/m]	μH_{10} [V/m]	μE_{10} [V/m]	μSAR [mW/kg]	μH_{10} [A/m]	μE_{10} [V/m]	μH_{10} [A/m]	μSAR [mW/kg]	μH_{10} [A/m]	μE_{10} [V/m]	μH_{10} [A/m]	μSAR [mW/kg]	μH_{10} [A/m]	μE_{10} [V/m]	μH_{10} [A/m]	μSAR [mW/kg]				
0.00	3.01	99.9	0.0910	6.5e-5	3.01	99.9	0.0130	6.5e-5	3.01	99.9	0.0521	6.5e-5	3.01	99.9	N/A	1.15e-4	3.01	99.9	0.13	1.15e-4
2.00	2.66	90.4	0.0814	5.09e-5	2.66	90.4	0.0114	5.09e-5	2.66	90.4	0.0467	5.09e-5	2.66	90.4	N/A	8.85e-5	2.66	90.4	0.116	8.85e-5
12.0	1.18	23.7	0.0426	1.53e-5	1.18	23.7	5.30e-3	1.53e-5	1.18	23.7	0.0238	1.53e-5	1.18	23.7	N/A	2.42e-5	1.18	23.7	0.0615	2.42e-5

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

Distance [mm]	ICNRP 2010/2020								ICNRP 1998								IEEE 2019								FCC								HC Code 5							
	RL				BR				RL				BR				ERL				DRL				MPE				BR				RL				BR			
	$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$		$\mu_{E_{ind}}$		$\mu_{E_{loc}}$									
NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH							
0.00	0.14	0.08	81.6	>999	0.02	<0.01	0.60	149.0	0.75	<0.01	0.02	0.01	11.0	587.0	0.01	<0.01	1.85	30.7	N/A	<0.01	0.03	0.53	81.6	N/A	0.02	<0.01														
2.00	0.13	0.07	73.8	>999	0.02	<0.01	0.53	135.0	0.68	<0.01	0.02	<0.01	9.98	531.0	<0.01	<0.01	1.63	27.7	N/A	<0.01	0.03	0.47	73.8	N/A	0.02	<0.01														
12.00	0.06	0.03	19.4	846.0	<0.01	<0.01	0.24	35.5	0.19	<0.01	<0.01	<0.01	2.62	139.0	<0.01	<0.01	0.72	7.28	N/A	<0.01	0.01	0.21	19.4	N/A	<0.01	<0.01														

Coverage factors: $W_{E_{ind, cube avg}} = [5.53, 5.56, 5.62]$, $W_{E_{ind, local}} = [7.62, 7.65, 8.27]$, $W_{E_{ind, line avg}} = [3.01, 3.03, 3.15]$

Document generated at 2025/06/18 09:55:00, simulation performed at 2025/06/18 09:54:40 using Sim4Life version 8.0.1.15737

Scenario 2f – Samsung Galaxy 5G (battery status at test start: 71%) – Frequency 128 kHz,
tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test

Info:
2f Samsung Galaxy S21 5G 128kHz_71% to 91%

Serial number:
Sample 5

Scenario:
1.01 A / 14.1 V

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5947

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 14.65 mm, y: 14.65 mm, z: 128.00 mm

Dimensions:
x: 168.6 mm, y: 168.6 mm, z: 36.0 mm

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

Completed on:
2025/06/17 17:56:42

Measurement results

Maximum H-field [mA/m]:
MAGNITUDE: 717.79 mA/m
x: 142.91 mA/m, y: 482.06 mA/m, z: 577.19 mA/m

Maximum H-field location relative to DUT:
x: -47.68 mm, y: -11.02 mm, z: 8.50 mm

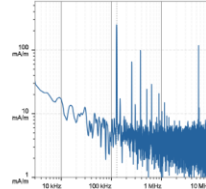
Maximum E-field [V/m]:
MAGNITUDE: 102.39 V/m
x: 6.84 V/m, y: 6.95 V/m, z: 101.98 V/m

Maximum E-field location relative to DUT:
x: 21.98 mm, y: -58.65 mm, z: 0.00 m

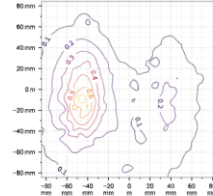
Distance to -20 dB boundary:
62.23 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.71 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$)

Distance [mm]	H_{inc} [A/m]	Peak incident fields [mV]		Peak E_{ind} [V/m, mV]		Peak J_{ind} [A/m ² , mA]		psSAR [mW/kg]		H-field extent		Sign	Vector potential	Warnings Boundary effect
		E_{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	lg avg.	10g avg.	10g avg.	>20 dB radius [mm]				
0.00	1.53	102	0.0103	0.0105	0.0106	6.77e-3	4.70e-5	2.5e-5	2.5e-5	68.1	74%	42%		01%
2.00	1.31	92.7	9.15e-3	9.30e-3	9.35e-3	5.95e-3	3.69e-5	1.90e-5	1.90e-5	71.8	74%	42%		03%
12.0	0.549	25.4	5.6e-3	5.12e-3	5.09e-3	3.35e-3	1.18e-5	6.9e-6	6.9e-6	88.5	74%	42%		01%

Compliance evaluation (Field values at the peak frequency) (f = 127.71 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [mV]	PL [mV]	PL [mV]	psSAR [mW/kg]	PL [mV]	PL [mV]	PL [mV]	psSAR [mW/kg]	PL [mV]	PL [mV]	PL [mV]	psSAR [mW/kg]	PL [mV]	PL [mV]	PL [mV]	psSAR [mW/kg]	PL [mV]	PL [mV]	PL [mV]	psSAR [mW/kg]
0.00	1.53	102	0.0638	3.51e-5	1.53	102	9.52e-3	3.51e-5	1.53	102	0.0369	3.51e-5	1.53	102	N/A	5.72e-5	1.53	102	0.0903	5.72e-5
2.00	1.31	92.7	0.0571	2.81e-5	1.31	92.7	8.44e-3	2.81e-5	1.31	92.7	0.0330	2.81e-5	1.31	92.7	N/A	4.52e-5	1.31	92.7	0.0811	4.52e-5
12.0	0.549	25.4	0.0315	7.52e-6	0.549	25.4	4.04e-3	7.52e-6	0.549	25.4	0.0176	7.52e-6	0.549	25.4	N/A	1.24e-5	0.549	25.4	0.0452	1.24e-5

Coverage factors: $W_{E_{inc}} = [0.82, 0.88, 0.13]$; $W_{E_{ind}} = [0.22, 0.30, 0.65]$; $W_{J_{ind}} = [0.14, 0.16, 0.37]$

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

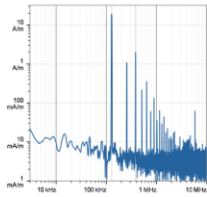
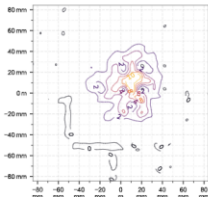
Distance [mm]	ICNIRP 2010/2020								ICNIRP 1998								IEEE 2019								FCC								HC Code 6							
	RL				BR				RL				BR				ERL				DRL				MPE				BR				RL				BR			
	μE_{inc}		μE_{inc}		μE_{ind}		psSAR		μH_{inc}		μE_{inc}		μE_{ind}		psSAR		μH_{inc}		μE_{inc}		μE_{ind}		psSAR		μH_{inc}		μE_{inc}		μE_{ind}		psSAR		μH_{inc}		μE_{inc}		μE_{ind}		psSAR	
NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	
0.00	0.07	0.04	2.72	0.95	<0.01	<0.01	0.31	2.72	0.05	<0.01	<0.01	<0.01	<0.01	0.37	0.19	<0.01	<0.01	0.94	0.51	N/A	<0.01	0.02	0.27	2.72	N/A	<0.01	<0.01	<0.01	<0.01	0.23	2.45	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.00	0.06	0.03	2.46	0.86	<0.01	<0.01	0.26	2.46	0.04	<0.01	<0.01	<0.01	<0.01	0.33	0.17	<0.01	<0.01	0.80	0.46	N/A	<0.01	0.01	0.23	2.46	N/A	<0.01	<0.01	<0.01	<0.01	0.23	2.45	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
12.0	0.03	0.01	0.67	0.24	<0.01	<0.01	0.11	0.68	0.02	<0.01	<0.01	<0.01	<0.01	0.09	0.05	<0.01	<0.01	0.34	0.13	N/A	<0.01	<0.01	0.10	0.67	N/A	<0.01	<0.01	<0.01	<0.01	0.10	0.67	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Coverage factors: $W_{E_{inc}} = [0.82, 0.88, 0.13]$; $W_{E_{ind}} = [0.22, 0.30, 0.65]$; $W_{J_{ind}} = [0.14, 0.16, 0.37]$

Document generated at 2025/06/18 09:58:35; simulation performed at 2025/06/18 09:58:32 using Sim4Life version 8.0.1.15737

Scenario 2g – IPHONE 11 (battery status at test start: 5%) – Frequency 128 kHz,
tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 2g iPhone11.128kHz_5% to 23%	Tool software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 129.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm
Scenario: 0.94 A / 14.02 V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/17 09:16:10
Measurement results	H-field magnitude [nA/m] at center location	H-field magnitude [nA/m] at lowest plane
Maximum H-field [nA/m]: MAGNITUDE: 11.64 A/m x: 169.28 mA/m, y: 6.86 A/m, z: 9.40 A/m Maximum H-field location relative to DUT: x: 10.96 mm, y: 10.96 mm, z: 8.50 mm Maximum E-field [nA/m]: MAGNITUDE: 23.98 V/m x: 1.30 V/m, y: 325.49 mV/m, z: 23.94 V/m Maximum E-field location relative to DUT: x: 14.65 mm, y: -29.35 mm, z: 0.00 m Distance to -20.0-dB boundary: 10.37 mm Offset relative to DUT: x: 14.65 mm, y: 14.65 mm, z: 1.00 mm		

Incident fields and induced fields in the homogeneous phantom at the peak frequency ($f = 128.39$ kHz, $\sigma = 0.750$ S/m, tissue density = $1,000$ kg/m ³)														
Distance [mm]	Peak incident fields [mV]			Peak E_{ind} [V/m, mV]			Peak J_{ind} [A/m ² , mA]		psSAR [mW/kg]		H-field extent -20 dB radius [mm]	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	19.5	24.0	0.0992	0.102	0.102	0.0624	3.72e-3	1.65e-3	41.2	60%	53%	26%		
2.00	16.0	21.8	0.0861	0.0885	0.0888	0.0534	2.65e-3	1.22e-3	42.4	60%	53%	24%		
12.0	8.05	6.50	0.0360	0.0376	0.0369	0.0221	4.79e-4	2.54e-4	43.6	60%	53%	41%		

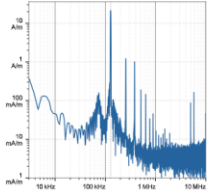
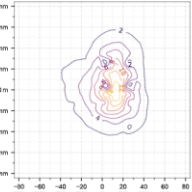
Compliance evaluation (Field values at the peak frequency) (f = 128.39 kHz, total field evaluation, coverage evaluation)												
Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019			
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	J_{ind} [A/m ²]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]
0.00	19.5	24.0	0.538	1.65e-3	19.5	24.0	0.0631	1.65e-3	19.5	24.0	0.303	1.65e-3
2.00	16.0	21.8	0.469	1.22e-3	16.0	21.8	0.054	1.22e-3	16.0	21.8	0.265	1.22e-3
12.0	8.05	6.50	0.197	2.54e-4	8.05	6.50	0.0222	2.54e-4	8.05	6.50	0.110	2.54e-4
Coverage factors: $W_{\text{RF, total, 1g}} = [5.42, 5.44, 5.45]$, $W_{\text{RF, total, 10g}} = [7.65, 7.68, 7.70]$, $W_{\text{RF, total, 10g}} = [2.97, 2.97, 2.98]$												

Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field evaluation, coverage evaluation)												
Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019			
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	1.05	0.59	2.72	0.74	0.04	<0.01	4.36	3.97	0.30	<0.01	0.14	0.08
2.00	0.86	0.48	2.47	0.67	0.03	<0.01	3.58	3.6	0.26	<0.01	0.11	0.07
12.0	0.43	0.24	0.74	0.20	0.01	<0.01	1.8	1.08	0.10	<0.01	0.06	0.03
Coverage factors: $W_{\text{RF, total, 1g}} = [5.42, 5.44, 5.45]$, $W_{\text{RF, total, 10g}} = [7.65, 7.68, 7.70]$, $W_{\text{RF, total, 10g}} = [2.97, 2.97, 2.98]$												

Document generated at 2025/06/18 10:02:06, simulation performed at 2025/06/18 10:02:01 using Sim4Life version 8.0.1.15737

Scenario 2h – IPHONE 11 (battery status at test start: 43%) – Frequency 128 kHz,
tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test Info: 2h IPHONE 11 128kHz_43% to 66% Serial number: Sample 5 Scenario: 0.98 A / 14.06 V	Tool info DASY software version: DASY8 Module WPT 2.8.0.5947 Probe model, serial no. and configuration date: MAGPy-8H3D-E3Dv2, WP000009, 2024/11/06 Software version: 2.8.8, backend: 2.2.36	Scan info Center location: x: 14.65 mm, y: 14.65 mm, z: 129.00 mm Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm Completed at: 2025/06/17 09:55:22
Measurement results Maximum H-field [mA/m]: MAGNITUDE: 14.78 A/m x: 1.49 A/m, y: 4.78 A/m, z: 13.90 A/m Maximum H-field location relative to DUT: x: 10.96 mm, y: -3.68 mm, z: 8.50 mm Maximum E-field [V/m]: MAGNITUDE: 27.09 V/m x: 1.93 V/m, y: 233.95 mV/m, z: 27.02 V/m Maximum E-field location relative to DUT: x: 21.96 mm, y: -29.35 mm, z: 0.00 m Distance to -20.0 dB boundary: 32.80 mm Offset relative to DUT: x: 14.65 mm, y: 14.65 mm, z: 1.00 mm	H-field magnitude [mA/m] at center location 	H-field magnitude [mA/m] at lowest plane 

Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.94 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = 1.000 kg/m^3)

Distance [mm]	Peak incident fields [mA/m]		Peak E_{ind} [V/m, mW]			Peak H_{ind} [A/m ² , mW]		psSAR [mW/kg]		H-field extent 20 dB radius [mm]	Sign	Vector potential	Warnings Boundary effect
	H_{inc} [A/m]	E_{inc} [V/m]	Cube avg	Local	Line avg	Surface avg	lg avg	lg avg	lg avg				
0.00	33.2	27.1	0.183	0.188	0.189	0.115	0.0124	5.65e-3	42.9		49%	42%	14%
2.00	28.6	24.7	0.157	0.161	0.162	0.0974	9.04e-3	4.20e-3	43.6		49%	42%	13%
12.0	10.8	7.40	0.0696	0.0715	0.0708	0.0473	2.28e-3	1.08e-3	52.6		49%	42%	27%

Compliance evaluation (Field values at the peak frequency) (f = 127.94 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				FCC				HC Code 6			
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]
0.00	33.2	27.1	0.998	5.65e-3	33.2	27.1	0.115	5.65e-3	33.2	27.1	0.563	5.65e-3	33.2	27.1	N/A	0.0124	33.2	27.1	1.45	0.0124
2.00	28.6	24.7	0.855	4.20e-3	28.6	24.7	0.0980	4.20e-3	28.6	24.7	0.483	4.20e-3	28.6	24.7	N/A	9.04e-3	28.6	24.7	1.24	9.04e-3
12.0	10.8	7.40	0.389	1.08e-3	10.8	7.40	0.0475	1.08e-3	10.8	7.40	0.215	1.08e-3	10.8	7.40	N/A	2.28e-3	10.8	7.40	0.565	2.28e-3

Coverage factors: $W_{E_{inc}, 100\%} = 25.44$, $W_{E_{inc}, 5\%} = 5.59$, $W_{E_{inc}, 1\%} = 7.69$, $W_{E_{inc}, 0.1\%} = 2.98$, $W_{E_{ind}, 100\%} = 2.98$, $W_{E_{ind}, 5\%} = 0.98$, $W_{E_{ind}, 1\%} = 1.45$, $W_{E_{ind}, 0.1\%} = 0.42$

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

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				FCC				HC Code 6			
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]
0.00	1.58	0.87	4.35	2.69	0.06	<0.01	6.63	6.78	0.49	<0.01	0.20	0.12	0.59	0.38	0.02	<0.01	20.4	1.26	N/A	<0.01
2.00	1.36	0.75	3.96	2.45	0.05	<0.01	5.72	6.18	0.42	<0.01	0.18	0.10	0.54	0.34	0.02	<0.01	17.5	1.15	N/A	<0.01
12.0	0.51	0.28	1.19	0.73	0.02	<0.01	2.16	1.85	0.20	<0.01	0.07	0.04	0.16	0.10	<0.01	<0.01	6.62	0.34	N/A	<0.01

Coverage factors: $W_{E_{inc}, 100\%} = 25.44$, $W_{E_{inc}, 5\%} = 5.59$, $W_{E_{inc}, 1\%} = 7.69$, $W_{E_{inc}, 0.1\%} = 2.98$, $W_{E_{ind}, 100\%} = 2.98$, $W_{E_{ind}, 5\%} = 0.98$, $W_{E_{ind}, 1\%} = 1.45$, $W_{E_{ind}, 0.1\%} = 0.42$

Document generated at 2025/06/18 10:05:55, simulation performed at 2025/06/18 10:05:46 using Sim4Life version 8.0.1.15737

Scenario 2i – IPHONE 11 (battery status at test start: 75%) – Frequency 128 kHz, tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test

Info:
2i PHONE 11 128 kHz 75% to 93%

Serial number:
Sample 5

Scenario:
0.76 A / 14.08 V

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5947

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 14.65 mm, y: 14.65 mm, z: 129.00 mm

Dimensions:
x: 168.6 mm, y: 168.6 mm, z: 37.0 mm

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

Completed on:
2025/06/17 11:06:04

Measurement results

Maximum H-field [mA/m]:
MAGNITUDE: **8.88 A/m**
x: 469.78 mA/m, y: 624.00 mA/m, z: 8.85 A/m

Maximum H-field location relative to DUT:
x: **10.96 mm**, y: -3.68 mm, z: **8.50 mm**

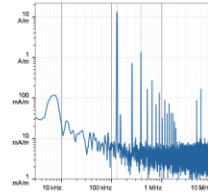
Maximum E-field [V/m]:
MAGNITUDE: **18.52 V/m**
x: 570.22 mV/m, y: 141.80 mV/m, z: 18.50 V/m

Maximum E-field location relative to DUT:
x: **21.96 mm**, y: **21.96 mm**, z: **0.00 m**

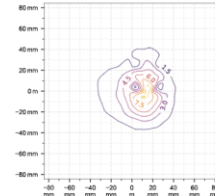
Distance to -20.0 dB boundary:
30.24 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.38 kHz, α = 0.750 S/m, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [mA/m]		Peak E _{ind} [V/m, mG]			Peak J _{ind} [A/m², mA]		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	18.6	18.5	0.0935	0.0961	0.0963	0.0577	3.08e-3	1.42e-3	41.3			25%	38%	16%
2.00	16.3	17.0	0.0791	0.0816	0.0818	0.0483	2.20e-3	1.03e-3	41.6			25%	38%	15%
12.0	6.54	6.06	0.0350	0.0365	0.0359	0.0223	4.91e-4	2.57e-4	46.9			25%	38%	34%

Compliance evaluation (Field values at the peak frequency) (f = 127.38 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020					ICNIRP 1998				IEEE 2019				MPE				FCG				HC Code 6			
	RL [μm]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	BR [μm]	RL [μm]	PE _{inc} [V/m]	PE _{ind} [A/m²]	psSAR [mW/kg]	PE _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PE _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PE _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]				
0.00	18.6	18.5	0.507	1.42e-3	18.6	18.5	0.0582	1.42e-3	18.6	18.5	0.286	1.42e-3	18.6	18.5	N/A	3.08e-3	18.6	18.5	0.736	3.08e-3					
2.00	16.3	17.0	0.43	1.03e-3	16.3	17.0	0.0488	1.03e-3	16.3	17.0	0.243	1.03e-3	16.3	17.0	N/A	2.20e-3	16.3	17.0	0.626	2.20e-3					
12.0	6.54	6.06	0.193	2.58e-4	6.54	6.06	0.0225	2.58e-4	6.54	6.06	0.108	2.58e-4	6.54	6.06	N/A	4.91e-4	6.54	6.06	0.284	4.91e-4					

Coverage factors: $W_{E_{inc}} = [5.42; 5.42; 5.50]$, $W_{E_{ind}} = [7.65; 7.66; 7.77]$, $W_{SAR_{1g}} = [2.97; 2.97; 3.00]$

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

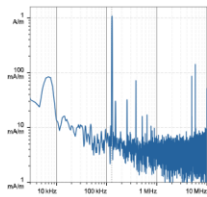
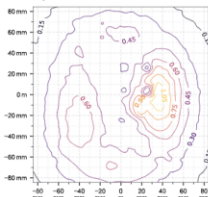
Distance [mm]	ICNIRP 2010/2020						ICNIRP 1998				IEEE 2019				MPE				FCC				HC Code 6			
	RL			BR			RL			BR			E-RL		D-RL		MPE		BR		RL		BR			
	μE_{inc} NS	TH	μE_{ind} NS	TH	μE_{ind} NS	psSAR TH	μE_{inc} NS	μE_{ind} NS	μE_{ind} NS	psSAR TH	μE_{inc} NS	TH	μE_{ind} NS	TH	μE_{ind} NS	TH	μE_{inc} NS	μE_{ind} NS	μE_{ind} NS	psSAR TH	μE_{inc} NS	TH	μE_{ind} NS	psSAR TH		
0.00	0.97	0.52	2.53	1.17	0.03	<0.01	4.09	3.9	0.27	<0.01	0.12	0.07	0.34	0.17	0.01	<0.01	11.6	0.73	N/A	<0.01	0.23	3.48	2.53	N/A	0.05	<0.01
2.00	0.84	0.45	2.32	1.07	0.03	<0.01	3.57	3.57	0.23	<0.01	0.11	0.06	0.31	0.15	0.01	<0.01	10.1	0.67	N/A	<0.01	0.20	3.03	2.32	N/A	0.04	<0.01
12.0	0.34	0.18	0.83	0.38	0.01	<0.01	1.43	1.28	0.10	<0.01	0.04	0.02	0.11	0.05	<0.01	<0.01	4.06	0.24	N/A	<0.01	0.08	1.22	0.83	N/A	0.02	<0.01

Coverage factors: $w_{E_{inc}} = [5.42; 5.42; 5.50]$, $w_{E_{ind}} = [7.65; 7.66; 7.77]$, $w_{SAR_{1g}} = [2.97; 2.97; 3.00]$

Document generated at 2025/06/18 10:09:38, simulation performed at 2025/06/18 10:09:31 using Sim4Life version 8.0.1.15737

Scenario 2j – Nokia (battery status at test start: 1%) – Frequency 128 kHz,
tested approx. 8 mm above EUT surface (touch position on phone)

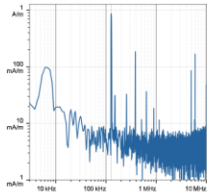
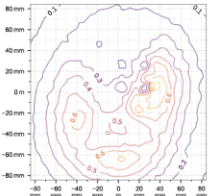
DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: 2j Nokia 128kHz_1% to 23%	DASY software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 131.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm
Scenario: 0.64 A / 14.08 V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/06/17 10:33:44
Measurement results	H-field magnitude [a/m] at center location	H-field magnitude [a/m] at lowest plane
Maximum H-field [a/m]: MAGNITUDE: 1.09 A/m x: 486.99 mA/m, y: 482.85 mA/m, z: 847.79 mA/m Maximum H-field location relative to DUT: x: 32.98 mm, y: 3.65 mm, z: 8.50 mm Maximum E-field [v/m]: MAGNITUDE: 72.73 V/m x: 3.42 V/m, y: 1.06 V/m, z: 72.64 V/m Maximum E-field location relative to DUT: x: 14.65 mm, y: 29.32 mm, z: 0.00 m Distance to -20 dB boundary: 85.52 mm Offset relative to DUT: x: 14.65 mm, y: 14.65 mm, z: 1.00 mm	 	

Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.53 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$)																				
Distance [mm]	Peak incident fields [a/m]				Peak E_{ind} [V/m, a/m]			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	2.35	72.7	0.0177	0.0181	0.0181	0.0116	1.41e-4	9.46e-5	90.4			93%	66%	100%						
2.00	2.03	66.3	0.0158	0.0162	0.0163	0.0104	1.24e-4	8.49e-5	91.5			93%	66%	100%						
12.0	0.874	20.7	0.012	0.0121	0.0121	8.41e-3	8.21e-5	5.48e-5	95.9			93%	66%	100%						
Compliance evaluation (Field values at the peak frequency) (f=127.53 kHz, total field evaluation, coverage evaluation)																				
Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				FCG				HC Code 6			
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	J_{ind} [A/m ²]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]
0.00	2.35	72.7	0.111	9.97e-5	2.35	72.7	0.0135	9.97e-5	2.35	72.7	0.0621	9.97e-5	2.35	72.7	N/A	1.46e-4	2.35	72.7	0.16	1.46e-4
2.00	2.03	66.3	0.100	8.91e-5	2.03	66.3	0.0122	8.91e-5	2.03	66.3	0.0559	8.91e-5	2.03	66.3	N/A	1.29e-4	2.03	66.3	0.144	1.29e-4
12.0	0.874	20.7	0.0754	5.52e-5	0.874	20.7	8.96e-3	5.52e-5	0.874	20.7	0.0409	5.52e-5	0.874	20.7	N/A	8.25e-5	0.874	20.7	0.108	8.25e-5
Coverage factors: $H_{inc, cube \text{ avg.}} = [6.16, 6.17, 6.24]$, $E_{inc, cube \text{ avg.}} = [8.70, 8.72, 8.81]$, $E_{ind, cube \text{ avg.}} = [3.28, 3.29, 3.32]$																				
Compliance evaluation (Exposure ratios) (with multi-frequency enhancement, total field evaluation, coverage evaluation)																				
Distance [mm]	ICNIRP 2010/2020				ICNIRP 1996				IEEE 2019				FCG				HC Code 6			
	H_{inc} NS	H_{inc} TH	E_{inc} NS	E_{inc} TH	H_{inc} NS	E_{inc} NS	J_{ind} NS	J_{ind} TH	H_{inc} NS	E_{inc} NS	E_{ind} NS	E_{ind} TH	H_{inc} NS	E_{inc} NS	E_{ind} NS	E_{ind} TH	H_{inc} NS	E_{inc} NS	E_{ind} NS	E_{ind} TH
0.00	0.11	0.06	1.81	0.49	<0.01	<0.01	0.47	1.85	0.06	<0.01	0.01	<0.01	0.24	0.11	<0.01	<0.01	1.44	0.35	N/A	<0.01
2.00	0.10	0.05	1.65	0.45	<0.01	<0.01	0.41	1.69	0.06	<0.01	0.01	<0.01	0.22	0.10	<0.01	<0.01	1.24	0.32	N/A	<0.01
12.0	0.04	0.02	0.52	0.14	<0.01	<0.01	0.17	0.53	0.04	<0.01	<0.01	<0.01	0.07	0.03	<0.01	<0.01	0.54	0.10	N/A	<0.01
Coverage factors: $H_{inc, cube \text{ avg.}} = [6.16, 6.17, 6.24]$, $E_{inc, cube \text{ avg.}} = [8.70, 8.72, 8.81]$, $E_{ind, cube \text{ avg.}} = [3.28, 3.29, 3.32]$																				
Document generated at 2025/06/18 10:12:59, simulation performed at 2025/06/18 10:12:53 using Sim4Life version 8.0.1.15737																				

Scenario 2k – Nokia (battery status at test start: 59%) – Frequency 128 kHz,
tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test Info: 2k Nokia 128kHz_59% to 74% Serial number: Sample 5 Scenario: 0.61 A / 14.09 V	Tool info DASY software version: DASY8 Module WPT 2.8.0.5947 Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06 Software version: 2.8.8, backend: 2.2.36	Scan info Center location: x: 14.65 mm, y: 14.65 mm, z: 131.00 mm Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm Completed on: 2025/06/17 12:07:30
Measurement results Maximum H-field [mA/m] MAGNITUDE: 787.36 mA/m x: 164.18 mm, y: 275.04 mm, z: 719.26 mm Maximum H-field location relative to DUT: x: 40.32 mm, y: 3.65 mm, z: 8.50 mm Maximum E-field [V/m] MAGNITUDE: 73.58 V/m x: 4.52 V/m, y: 5.88 V/m, z: 73.20 V/m Maximum E-field location relative to DUT: x: 21.98 mm, y: 58.65 mm, z: 0.00 m Distance to -20.0 dB boundary: 91.89 mm Offset relative to DUT: x: 14.65 mm, y: 14.65 mm, z: 1.00 mm	H-field magnitude [mA/m] at center location 	H-field magnitude [mA/m] at lowest plane 

Incident fields and induced fields in the homogeneous phantom at the peak frequency ($f = 127.14$ kHz, $\rho = 0.750$ g/cm³, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [mA/m]			Peak E_{ind} [V/m, mV/m]			Peak J_{ind} [A/m ² , mA/m ²]		psSAR [mW/kg]		H-field extent 20 dB radius [mm]	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	1.53	73.6	0.0163	0.0166	0.0166	0.0109	1.27e-4	7.49e-5	92.4	73%	62%	99%		
2.00	1.34	67.1	0.0148	0.0151	0.0151	0.0101	1.1e-4	6.57e-5	93.3	73%	62%	99%		
12.0	0.639	21.0	0.0106	0.0108	0.0108	7.25e-3	5.83e-5	3.6e-5	95.8	73%	62%	100%		

Compliance evaluation (Field values at the peak frequency) ($f = 127.14$ kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNRP 2010/2020					ICNRP 1998					IEEE 2019					FCG					HC Code 6				
	RL [mm]		BR [mm]		psSAR [mW/kg]	RL [mm]		BR [mm]		psSAR [mW/kg]	ERL [mm]		DRL [mm]		MPE [mm]	BR [mm]		psSAR [mW/kg]	RL [mm]		BR [mm]				
	$P_{H_{inc}}$ [A/m]	$P_{E_{inc}}$ [V/m]	$P_{E_{ind}}$ [V/m]	$P_{H_{inc}}$ [A/m]		$P_{E_{inc}}$ [V/m]	$P_{E_{ind}}$ [V/m]	$P_{H_{inc}}$ [A/m]	$P_{E_{inc}}$ [V/m]		$P_{E_{ind}}$ [V/m]	$P_{H_{inc}}$ [A/m]	$P_{E_{inc}}$ [V/m]	$P_{E_{ind}}$ [V/m]		$P_{H_{inc}}$ [A/m]	$P_{E_{inc}}$ [V/m]		$P_{E_{ind}}$ [V/m]	$P_{H_{inc}}$ [A/m]	$P_{E_{inc}}$ [V/m]	$P_{E_{ind}}$ [V/m]	psSAR [mW/kg]		
0.00	1.53	73.6	0.103	8.01e-5	1.53	73.6	0.0128	8.01e-5	1.53	73.6	0.0573	8.01e-5	1.53	73.6	N/A	1.32e-4	1.53	73.6	0.147	1.32e-4					
2.00	1.34	67.1	0.0941	7e-5	1.34	67.1	0.0119	7e-5	1.34	67.1	0.0521	7e-5	1.34	67.1	N/A	1.14e-4	1.34	67.1	0.134	1.14e-4					
12.0	0.639	21.0	0.0671	3.64e-5	0.639	21.0	7.81e-3	3.64e-5	0.639	21.0	0.0366	3.64e-5	0.639	21.0	N/A	5.88e-5	0.639	21.0	0.0982	5.88e-5					
Coverage factors: $W_{H_{inc}} = 0.19, 6.20, 6.24$; $W_{E_{inc}} = 0.7, 4, 6, 76, 8.01$; $W_{E_{ind}} = 0.29, 2.2, 3.32$																									

Coverage factors: $W_{E_{ind}, 10g, 1g, 10g} = [6.19, 6.20, 6.24]$, $W_{E_{ind}, 10g} = [8.74, 8.76, 8.81]$, $W_{E_{ind}, 10g, 1g} = [3.29, 3.30, 3.32]$

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		BR	RL		BR		ERL	DRL		MPE	FCC		BR	RL		BR								
	$P_{H_{inc}}$	$P_{E_{inc}}$	$P_{H_{ind}}$	psSAR		$P_{H_{inc}}$	$P_{E_{inc}}$	$P_{H_{ind}}$	psSAR		$P_{H_{inc}}$	$P_{E_{inc}}$		$P_{H_{ind}}$	psSAR		$P_{H_{inc}}$	$P_{E_{inc}}$	$P_{H_{ind}}$	psSAR							
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH							
0.00	0.07	0.04	1.68	0.45	<0.01	<0.01	0.31	1.75	0.06	<0.01	<0.01	<0.01	<0.01	0.23	0.11	<0.01	<0.01	0.94	0.37	N/A	<0.01	0.02	0.27	1.68	N/A	<0.01	<0.01
2.00	0.06	0.03	1.53	0.41	<0.01	<0.01	0.27	1.6	0.05	<0.01	<0.01	<0.01	<0.01	0.21	0.10	<0.01	<0.01	0.82	0.34	N/A	<0.01	0.01	0.23	1.53	N/A	<0.01	<0.01
12.0	0.03	0.02	0.48	0.13	<0.01	<0.01	0.13	0.50	0.03	<0.01	<0.01	<0.01	<0.01	0.06	0.03	<0.01	<0.01	0.39	0.10	N/A	<0.01	0.11	0.48	N/A	<0.01	<0.01	

Coverage factors: $W_{E_{ind}, 10g, 1g, 10g} = [6.19, 6.20, 6.24]$, $W_{E_{ind}, 10g} = [8.74, 8.76, 8.81]$, $W_{E_{ind}, 10g, 1g} = [3.29, 3.30, 3.32]$

Document generated at 2025/06/18 10:16:33, simulation performed at 2025/06/18 10:16:27 using Sim4Life version 8.0.1.15737

Scenario 2I – Nokia (battery status at test start: 84%) – Frequency 128 kHz,
tested approx. 8 mm above EUT surface (touch position on phone)

DASY8 Module WPT Measurement Report

Device under test

Info:
2I Nokia 128kHz_84% to 97%

Serial number:
Sample 5

Scenario:
0.56 A / 14.09 V

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5947

Probe model, serial no. and configuration date:
MAGPy-6H3D+E3Dv2, WP000009, 2024/11/06

Software version:
2.8.8, Backend: 2.2.36

Scan info

Center location:
x: 14.65 mm, y: 14.65 mm, z: 131.00 mm

Dimensions:
x: 168.6 mm, y: 168.6 mm, z: 37.0 mm

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

Completed on:
2025/06/17 12:33:17

Measurement results

Maximum H-field [mA/m]:
MAGNITUDE: 693.02 mA/m
x: 136.58 mA/m, y: 202.33 mA/m, z: 648.60 mA/m

Maximum H-field location relative to DUT:
x: 40.32 mm, y: 10.98 mm, z: 8.50 mm

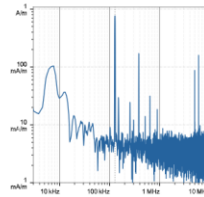
Maximum E-field [V/m]:
MAGNITUDE: 69.84 V/m
x: 3.01 V/m, y: 960.97 mV/m, z: 69.77 V/m

Maximum E-field location relative to DUT:
x: 14.65 mm, y: 21.98 mm, z: 0.00 m

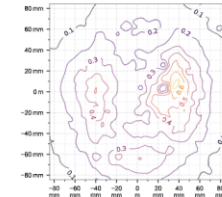
Distance to -20 dB boundary:
78.98 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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

Incident fields and induced fields in the homogeneous phantom at the peak frequency ($f = 127.40$ kHz, $\sigma = 0.750$ S/m, tissue density = $1,000$ kg/m³)

Distance [mm]	Peak incident fields [mA/m]			Peak E_{ind} [V/m, mV/m]			Peak H_{ind} [A/m ² , mA/m ²]		psSAR [mW/kg]		H-field extent		Sign	Vector potential	Warning Boundary effect
	H_{inc} [A/m]	E_{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1p avg.	10p avg.	1p avg.	10p avg.	>20 dB radius [mm]				
0.00	1.40	69.8	0.012	0.0122	0.0122	7.96e-3	6.85e-5	4.03e-5	88.3				90%	53%	69%
2.00	1.22	63.4	0.0109	0.0111	0.0111	7.29e-3	5.76e-5	3.42e-5	89.9				90%	53%	71%
12.0	0.537	18.8	7.06e-3	7.23e-3	7.2e-3	4.76e-3	2.45e-5	1.47e-5	95.4				90%	53%	78%

Compliance evaluation (Field values at the peak frequency) ($f = 127.40$ kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNRP 2010/2020					ICNRP 1998					IEEE 2019					FCG					HC Code 5				
	RL [μm]	EL [μm]	EL [μm]	psSAR [mW/kg]	BR [mm]	RL [μm]	EL [μm]	EL [μm]	psSAR [mW/kg]	BR [mm]	EL [μm]	EL [μm]	EL [μm]	psSAR [mW/kg]	BR [mm]	MPE [μm]	EL [μm]	EL [μm]	psSAR [mW/kg]	BR [mm]	RL [μm]	EL [μm]	EL [μm]	psSAR [mW/kg]	BR [mm]
	[A/m]	[V/m]	[V/m]	[V/m]	[V/m]	[A/m]	[V/m]	[A/m ²]	[V/m]	[V/m]	[A/m]	[V/m]	[V/m]	[V/m]	[V/m]	[A/m]	[V/m]	[V/m]	[V/m]	[V/m]	[A/m]	[V/m]	[V/m]	[V/m]	[V/m]
0.00	1.40	69.8	0.0758	4.5e-5	1.40	69.8	9.84e-3	4.5e-5	1.40	69.8	0.0424	4.5e-5	1.40	69.8	N/A	7.31e-5	1.40	69.8	0.108	7.31e-5					
2.00	1.22	63.4	0.0694	3.81e-5	1.22	63.4	8.99e-3	3.81e-5	1.22	63.4	0.0388	3.81e-5	1.22	63.4	N/A	6.15e-5	1.22	63.4	0.0988	6.15e-5					
12.0	0.537	18.8	0.0447	1.5e-5	0.537	18.8	5.27e-3	1.5e-5	0.537	18.8	0.0245	1.5e-5	0.537	18.8	N/A	2.49e-5	0.537	18.8	0.0643	2.49e-5					

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

ICNRP 2010/2020										ICNRP 1998										IEEE 2019										FCC										HC Code 5										
Distance [mm]	RL					BR					RL					BR					ERL					DRL					MPE					BR					RL					BR				
	H_{inc}	E_{inc}	E_{ind}	psSAR	TH	H_{inc}	E_{inc}	E_{ind}	psSAR	TH	H_{inc}	E_{inc}	H_{ind}	psSAR	TH	H_{inc}	E_{inc}	H_{ind}	psSAR	TH	H_{inc}	E_{inc}	H_{ind}	psSAR	TH	H_{inc}	E_{inc}	H_{ind}	psSAR	TH	H_{inc}	E_{inc}	H_{ind}	psSAR	TH															
0.00	0.07	0.04	1.77	0.66		<0.01	<0.01		0.28	2.03	0.05	<0.01		<0.01	<0.01	0.24	0.14		<0.01	<0.01	0.86	0.38		N/A		<0.01	0.02	0.24	1.77	N/A		<0.01	<0.01		<0.01	<0.01														
2.00	0.06	0.03	1.61	0.60		<0.01	<0.01		0.24	1.84	0.04	<0.01		<0.01	<0.01	0.22	0.12		<0.01	<0.01	0.75	0.35		N/A		<0.01	0.01	0.21	1.61	N/A		<0.01	<0.01		<0.01	<0.01														
12.0	0.03	0.01	0.48	0.18		<0.01	<0.01		0.11	0.55	0.02	<0.01		<0.01	<0.01	0.06	0.04		<0.01	<0.01	0.33	0.10		N/A		<0.01	0.01	0.09	0.48	N/A		<0.01	<0.01		<0.01	<0.01														

Coverage factors: $H_{inc, cube avg} = [8.13, 6.15, 6.23]$, $H_{inc, line avg} = [8.65, 8.69, 8.80]$, $H_{inc, surface avg} = [3.27, 3.28, 3.31]$

Document generated at 2025/06/18 10:20:07, simulation performed at 2025/06/18 10:20:02 using Sim4Life version 8.0.1.15737

Scenario 3a – Sample 5 Charging with a dummy load, max. current consumption – Frequency 360 kHz measured 20cm above the EUT surface directly on the Dummy Load (MPP):

Device under test

Info:
Bury - 360 kHz Dummy Load on production Sample

Serial number:
Sample 5

Scenario:
1.58A / 14.0V

Measurement results

Maximum H-field [mA/m]
MAGNITUDE: 817.25 mA/m
x: 174.90 mA/m, y: 273.71 mA/m, z: 749.93 mA/m

Maximum H-field location relative to DUT:
x: 25.65 mm, y: -3.68 mm, z: 8.50 mm

Maximum E-field [V/m]
MAGNITUDE: 46.52 V/m
x: 2.92 V/m, y: 2.11 V/m, z: 46.38 V/m

Maximum E-field location relative to DUT:
x: 14.65 mm, y: -14.68 mm, z: 0.00 m

Distance to -20.0 dB boundary:
29.33 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

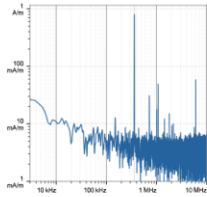
Tool info

DASY8 software version:
DASY8 Module WPT 2.8.0.5947

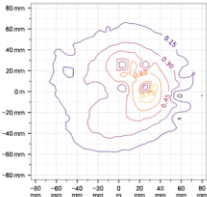
Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06

Software version:
2.8.8, backend: 2.2.36

H-field magnitude [mA/m] at center location



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 360.96 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [mA/m]		Cube avg.	Peak E _{ind} [V/m]		Local Line avg.	Peak J _{ind} [A/m²]		Surface avg.	psSAR [mW/kg]		H-field extent		Sign	Vector potential	Warnings Boundary effect
	H _{inc} [mA/m]	E _{inc} [V/m]		Peak E _{ind} [V/m]	E _{ind} [V/m]		Local Line avg.	Surface avg.		lg avg.	10g avg.	-20 dB radius [mm]	10g avg.			
0.00	1.79	46.5	0.0309	0.0314	0.0315	0.0209	4.59e-4	2.6e-4	64.5	104%	37%	49%				
2.00	1.46	42.3	0.0277	0.0282	0.0283	0.0187	3.67e-4	2.08e-4	67.6	104%	37%	52%				
5.00	1.13	29.8	0.0236	0.0241	0.0240	0.0150	2.64e-4	1.51e-4	71.0	104%	37%	59%				
8.50	0.797	15.8	0.0196	0.02	0.0199	0.0131	1.85e-4	1.09e-4	78.5	104%	37%	71%				

Compliance evaluation (Field values at the peak frequency) (f = 360.96 kHz, total field evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCG				HC Code 6			
	PL _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PL _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	1.79	46.5	0.0356	2.75e-4	1.79	46.5	0.0244	2.75e-4	1.79	46.5	0.0362	2.75e-4	1.79	46.5	N/A	4.76e-4	1.79	46.5	0.0361	4.76e-4
2.00	1.46	42.3	0.0320	2.22e-4	1.46	42.3	0.0219	2.22e-4	1.46	42.3	0.0326	2.22e-4	1.46	42.3	N/A	3.81e-4	1.46	42.3	0.0325	3.81e-4
5.00	1.13	29.8	0.0267	1.58e-4	1.13	29.8	0.0181	1.58e-4	1.13	29.8	0.0270	1.58e-4	1.13	29.8	N/A	2.71e-4	1.13	29.8	0.0271	2.71e-4
8.50	0.797	15.8	0.0212	1.11e-4	0.797	15.8	0.0143	1.11e-4	0.797	15.8	0.0215	1.11e-4	0.797	15.8	N/A	1.87e-4	0.797	15.8	0.0216	1.87e-4

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

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCG				HC Code 6			
	PL _{inc}	PE _{inc}	PE _{ind}	psSAR	PL _{inc}	PE _{inc}	PE _{ind}	psSAR	PL _{inc}	PE _{inc}	PE _{ind}	psSAR	PL _{inc}	PE _{inc}	PE _{ind}	psSAR	PL _{inc}	PE _{inc}	PE _{ind}	psSAR
0.00	0.09	0.13	1.78	0.54	<0.01	<0.01	0.89	2.71	0.04	<0.01	0.01	0.02	0.24	0.18	<0.01	<0.01	1.1	0.51	N/A	<0.01
2.00	0.07	0.11	1.62	0.49	<0.01	<0.01	0.72	2.47	0.04	<0.01	<0.01	0.01	0.22	0.16	<0.01	<0.01	0.90	0.47	N/A	<0.01
5.00	0.05	0.08	1.14	0.34	<0.01	<0.01	0.56	1.74	0.03	<0.01	<0.01	0.01	0.15	0.11	<0.01	<0.01	0.70	0.33	N/A	<0.01
8.50	0.04	0.06	0.80	0.18	<0.01	<0.01	0.39	0.92	0.02	<0.01	<0.01	<0.01	0.08	0.06	<0.01	<0.01	0.49	0.17	N/A	<0.01

Document generated at 2025/05/26 14:48:10, simulation performed at 2025/05/26 14:47:03 using Sim4Life version 8.0.1.15737

Document generated at 2025/05/26 14:48:10, simulation performed at 2025/05/26 14:47:03 using Sim4Life version 8.0.1.15737

Scenario 3b – Sample 5 Charging with a dummy load, max. current consumption – Frequency 128 kHz measured 20cm above the EUT surface directly on the Dummy Load (EPP):

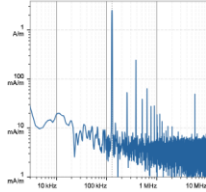
DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: Bury - 128 kHz Dummy Load on production Sample	DASY software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 140.00 mm
Serial number: Sample 5	Probe model, serial no. and configuration date: MAGPy-8H3D-E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 36.0 mm
Scenario: 1.6A 14.0V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/05/16 13:34:30

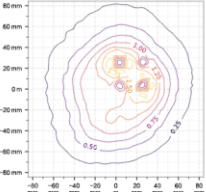
Measurement results

Maximum H-field [mA/m]
MAGNITUDE: **1.81 A/m**
x: 552.60 mA/m, y: 365.89 mA/m, z: 1.68 A/m
Maximum H-field location relative to DUT:
x: -3.68 mm, y: 25.65 mm, z: 8.50 mm
Maximum E-field [V/m]
MAGNITUDE: **27.66 V/m**
x: 1.46 V/m, y: 1.21 V/m, z: 27.59 V/m
Maximum E-field location relative to DUT:
x: 14.65 mm, y: -14.68 mm, z: 0.00 m
Distance to -20.0 dB boundary:
62.23 mm
Offset relative to DUT:
x: 14.65 mm, y: -14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 128.04 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$)

Distance [mm]	H_{inc} [A/m]	Peak incident fields [mV]		Peak E_{ind} [V/m, mW]			Peak J_{ind} [A/m ² , mW]	psSAR [mW/kg]	H-field extent		Sign	Vector potential	Warnings Boundary effect
		E_{inc} [V/m]	Cube avg	Local	Line avg	Surface avg			1g avg	10g avg			
0.00	3.79	27.7	0.0332	0.0338	0.0339	0.0222	5.21e-4	3.12e-4	68.6		30%	33%	52%
2.00	3.06	25.4	0.0297	0.0302	0.0304	0.0198	4.24e-4	2.57e-4	72.0		30%	33%	55%
5.00	2.35	18.8	0.0248	0.0253	0.0253	0.0169	3.17e-4	1.92e-4	76.3		30%	33%	59%
8.50	1.77	11.3	0.0210	0.0214	0.0213	0.0145	2.34e-4	1.39e-4	81.6		30%	33%	65%

Compliance evaluation (Field values at the peak frequency) (f=128.04 kHz, total field evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [mW]	PL [mW]	BR [mW]	psSAR [mW/kg]	PL [mW]	PL [mW]	PL [mW]	psSAR [mW/kg]	PL [mW]	PL [mW]	PL [mW]	psSAR [mW/kg]	PL [mW]	PL [mW]	PL [mW]	psSAR [mW/kg]	PL [mW]	PL [mW]	PL [mW]	psSAR [mW/kg]
0.00	3.79	27.7	0.0342	3.13e-4	3.79	27.7	0.0229	3.13e-4	3.79	27.7	0.0349	3.13e-4	3.79	27.7	N/A	5.21e-4	3.79	27.7	0.0348	5.21e-4
2.00	3.06	25.4	0.0306	2.57e-4	3.06	25.4	0.0205	2.57e-4	3.06	25.4	0.0313	2.57e-4	3.06	25.4	N/A	4.25e-4	3.06	25.4	0.0312	4.25e-4
5.00	2.35	18.8	0.0255	1.92e-4	2.35	18.8	0.0174	1.92e-4	2.35	18.8	0.026	1.92e-4	2.35	18.8	N/A	3.17e-4	2.35	18.8	0.026	3.17e-4
8.50	1.77	11.3	0.0214	1.4e-4	1.77	11.3	0.0148	1.4e-4	1.77	11.3	0.0217	1.4e-4	1.77	11.3	N/A	2.34e-4	1.77	11.3	0.0218	2.34e-4

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

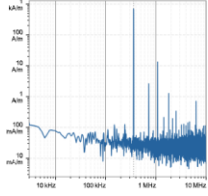
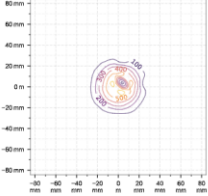
Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	PL [mW]	TH	NS	TH	PL [mW]	TH	NS	TH	PL [mW]	TH	NS	TH	PL [mW]	TH	NS	TH	PL [mW]	TH	NS	TH
0.00	0.18	0.10	2.08	0.47	<0.01	<0.01	0.76	3.12	0.10	<0.01	0.02	0.01	0.28	0.08	<0.01	<0.01	2.32	0.59	N/A	<0.01
2.00	0.15	0.08	1.91	0.43	<0.01	<0.01	0.61	2.87	0.09	<0.01	0.02	0.01	0.26	0.07	<0.01	<0.01	1.88	0.54	N/A	<0.01
5.00	0.11	0.06	1.41	0.32	<0.01	<0.01	0.47	2.12	0.08	<0.01	0.01	<0.01	0.19	0.05	<0.01	<0.01	1.44	0.40	N/A	<0.01
8.50	0.08	0.05	0.85	0.19	<0.01	<0.01	0.35	1.28	0.06	<0.01	0.01	<0.01	0.12	0.03	<0.01	<0.01	1.09	0.24	N/A	<0.01

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Scenario 4a – Sample 1 – CW 360 kHz starting from 0mm distance

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: Bury - 360 kHz CW	DASY8 software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.58 mm, y: 14.63 mm, z: 123.46 mm
Serial number: Sample 1	Probe model, serial no. and configuration date: MAGPy-8H3D+E3Dv2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.7 mm, z: 37.0 mm
Scenario: 0.46A / 14.03V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/05/15 17:15:48

Measurement results	H-field magnitude [uW/m] at center location	H-field magnitude [uW/m] at lowest plane
Maximum H-field [uW/m]: MAGNITUDE: 599.83 A/m x: 146.65 mm, y: 130.34 mm, z: 566.84 mm Maximum H-field location relative to DUT: x: 3.65 mm, y: -3.68 mm, z: 8.50 mm Maximum E-field [uW/m]: MAGNITUDE: 74.19 V/m x: 54.61 mm, y: -20.52 mm, z: 45.83 mm Maximum E-field location relative to DUT: x: -14.68 mm, y: -21.98 mm, z: 0.00 m Distance to -20.0 dB boundary: 23.19 mm Offset relative to DUT: x: 14.65 mm, y: -14.65 mm, z: 1.00 mm		

Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 360.36 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = 1.000 kg/m^3)

Distance [mm]	Peak incident fields [mW]			Peak E_{ind} [V/m, mm]			Peak J_{ind} [A/m ² , mm]			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	1.395	74.2	14.5	15.0	14.9	8.65	68.1	28.6	30.9	4.34	30.9	9%	16%	7%		
10.0	507	38.2	5.05	5.25	5.21	3.04	8.80	4.34	32.0	4.34	32.0	9%	16%	12%		
20.0	180	27.9	2.23	2.31	2.30	1.42	2.08	1.12	40.7	1.12	40.7	9%	16%	20%		

Compliance evaluation (Field values at the peak frequency) (f = 360.36 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [uW/m]	BR [uW/m]	psSAR [mW/kg]	psSAR [mW/kg]	RL [uW/m]	BR [uW/m]	psSAR [mW/kg]	psSAR [mW/kg]	ERL [uW/m]	psSAR [mW/kg]	psSAR [mW/kg]	psSAR [mW/kg]	MPE [uW/m]	BR [uW/m]	psSAR [mW/kg]	psSAR [mW/kg]	RL [uW/m]	BR [uW/m]	psSAR [mW/kg]	psSAR [mW/kg]
0.00	1.395	74.2	76.2	28.6	1.395	74.2	8.66	28.6	1.395	74.2	43.3	28.6	1.395	74.2	N/A	68.1	1.395	74.2	111	68.1
10.0	507	38.2	26.7	4.34	507	38.2	3.04	4.34	507	38.2	15.2	4.34	507	38.2	N/A	8.80	507	38.2	39.2	8.80
20.0	180	27.9	12.1	1.12	180	27.9	1.42	1.12	180	27.9	6.82	1.12	180	27.9	N/A	2.08	180	27.9	17.7	2.08

Coverage factors: $W_{\text{E}_{\text{inc}} \text{ cube avg.}} = [5.26, 5.26, 5.41]$, $W_{\text{E}_{\text{inc}} \text{ local}} = [7.43, 7.46, 7.64]$, $W_{\text{E}_{\text{inc}} \text{ line avg.}} = [2.90, 2.91, 2.96]$

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			
	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
0.00	66.4	103.0	9.56	2.1	1.57	0.01	689.0	15.4	12.1	0.01	8.56	13.8	1.29	0.59	0.57	0.01	856.0	2.85	N/A	0.04
10.0	24.2	37.3	4.92	1.08	0.55	<0.01	250.0	7.94	4.26	<0.01	3.11	5.02	0.66	0.31	0.20	<0.01	311.0	1.47	N/A	<0.01
20.0	8.59	13.3	3.6	0.79	0.25	<0.01	89.0	5.81	2.0	<0.01	1.11	1.79	0.49	0.22	0.09	<0.01	111.0	1.07	N/A	<0.01

Coverage factors: $W_{\text{E}_{\text{inc}} \text{ cube avg.}} = [5.26, 5.26, 5.41]$, $W_{\text{E}_{\text{inc}} \text{ local}} = [7.43, 7.46, 7.64]$, $W_{\text{E}_{\text{inc}} \text{ line avg.}} = [2.90, 2.91, 2.96]$

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Scenario 4b – Sample 1 – CW 128 kHz starting from 0mm distance

DASY8 Module WPT Measurement Report

Device under test	Tool info	Scan info
Info: Bury - CW 128 kHz	DASY software version: DASY8 Module WPT 2.8.0.5947	Center location: x: 14.65 mm, y: 14.65 mm, z: 123.50 mm
Serial number: Sample 3	Probe model, serial no. and configuration date: MAGPy-8H3D-E30v2, WP000009, 2024/11/06	Dimensions: x: 168.6 mm, y: 168.6 mm, z: 37.0 mm
Scenario: 0.42A / 114.0V	Software version: 2.8.8, backend: 2.2.36	Resolution: x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on: 2025/05/15 16:40:16

Measurement results

Maximum H-field [mA/m]:
MAGNITUDE: 838.97 A/m
x: 41.46 A/m, y: 147.17 A/m, z: 824.92 A/m

Maximum H-field location relative to DUT:
x: 3.65 mm, y: -3.68 mm, z: 8.50 mm

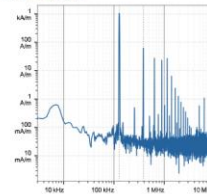
Maximum E-field [V/m]:
MAGNITUDE: 36.44 V/m
x: 29.87 V/m, y: 12.89 V/m, z: 16.41 V/m

Maximum E-field location relative to DUT:
x: 14.65 mm, y: 21.96 mm, z: 0.00 m

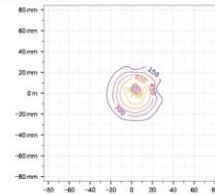
Distance to -20.0 dB boundary:
23.19 mm

Offset relative to DUT:
x: 14.65 mm, y: 14.65 mm, z: 1.00 mm

H-field magnitude [mA/m] at center location



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

Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 127.66 kHz, $\sigma = 0.750 \text{ S/m}$, tissue density = $1,000 \text{ kg/m}^3$)

Distance [mm]	Peak incident fields [mA/m]		Peak E_{ind} [V/m, mV]			Peak A_{ind} [A/m ² , mV]		psSAR [mW/kg]		30 dB radius [mm]	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.						
6.86	1.903	36.4	7.09	7.35	7.27	4.26	16.8	7.13	31.2	5%	15%	7%		
16.6	712	19.1	2.53	2.64	2.61	1.55	2.29	1.13	32.8	5%	15%	14%		
26.0	255	12.6	1.14	1.19	1.18	0.737	0.56	0.305	41.6	5%	15%	23%		
22.0	206	12.6	1.02	1.05	1.05	0.656	0.448	0.277	44.2	5%	15%	25%		
23.0	183	12.6	0.970	1.00	0.998	0.619	0.402	0.256	45.8	5%	15%	26%		
25.0	155	12.6	0.859	0.892	0.889	0.552	0.325	0.213	47.8	5%	15%	27%		

Compliance evaluation (Field values at the peak frequency) (f = 127.66 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 5			
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	psSAR [mW/kg]
6.86	1.903	36.4	37.3	7.13	1.903	36.4	4.26	7.13	1.903	36.4	21.1	7.13	1.903	36.4	N/A	16.8	1.903	36.4	54.7	16.8
16.6	712	19.1	13.4	1.13	712	19.1	1.55	1.13	712	19.1	7.61	1.13	712	19.1	N/A	2.29	712	19.1	19.8	2.29
26.0	255	12.6	6.20	0.305	255	12.6	0.737	0.305	255	12.6	3.50	0.305	255	12.6	N/A	0.56	255	12.6	9.08	0.56
22.0	206	12.6	5.58	0.277	206	12.6	0.656	0.277	206	12.6	3.13	0.277	206	12.6	N/A	0.448	206	12.6	8.12	0.448
23.0	183	12.6	5.33	0.256	183	12.6	0.619	0.256	183	12.6	2.99	0.256	183	12.6	N/A	0.402	183	12.6	7.77	0.402
25.0	155	12.6	4.74	0.213	155	12.6	0.552	0.213	155	12.6	2.68	0.213	155	12.6	N/A	0.325	155	12.6	6.96	0.325

Coverage factors: $W_{\text{E}_{\text{ind}} \text{ (10g)}} = [5.27, 5.29, 5.42, 5.46, 5.49, 5.52]$, $W_{\text{E}_{\text{ind}} \text{ (1g)}} = [7.44, 7.48, 7.66, 7.72, 7.75, 7.78]$, $W_{\text{E}_{\text{ind}} \text{ (10g)}} = [2.90, 2.91, 2.97, 2.98, 2.99, 3.01]$

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 5							
	RL				BR				RL				BR				ERL				DRL				MPE				BR				RL				BR			
	H_{inc} NS	H_{inc} TH	E_{inc} NS	E_{inc} TH	H_{inc} NS	H_{inc} TH	E_{ind} NS	$psSAR$ TH	H_{inc} NS	H_{inc} TH	E_{inc} NS	E_{inc} TH	H_{inc} NS	H_{inc} TH	E_{ind} NS	$psSAR$ TH	H_{inc} NS	H_{inc} TH	E_{inc} NS	E_{inc} TH	H_{inc} NS	H_{inc} TH	E_{ind} NS	$psSAR$ TH	H_{inc} NS	H_{inc} TH	E_{inc} NS	E_{inc} TH	H_{inc} NS	H_{inc} TH	E_{ind} NS	$psSAR$ TH								
6.86	96.0	51.2	7.8	6.03	2.3	<0.01	390.0	12.8	17.7	<0.01	12.4	6.89	1.05	0.80	0.84	<0.01	>999	2.36	N/A	0.01	22.4	344.0	7.8	N/A	3.36	0.01														
16.6	35.9	19.1	4.09	3.16	0.82	<0.01	146.0	6.7	6.45	<0.01	4.63	2.58	0.55	0.42	0.30	<0.01	438.0	1.24	N/A	<0.01	8.38	129.0	4.09	N/A	1.22	<0.01														
26.0	12.9	6.87	2.71	2.09	0.38	<0.01	52.3	4.43	3.08	<0.01	1.66	0.92	0.37	0.28	0.14	<0.01	157.0	0.82	N/A	<0.01	3.01	46.1	2.71	N/A	0.56	<0.01														
22.0	10.4	5.53	2.71	2.09	0.34	<0.01	42.1	4.43	2.75	<0.01	1.34	0.74	0.37	0.28	0.12	<0.01	127.0	0.82	N/A	<0.01	2.42	37.1	2.71	N/A	0.50	<0.01														
23.0	9.24	4.92	2.71	2.09	0.33	<0.01	37.5	4.43	2.59	<0.01	1.19	0.66	0.37	0.28	0.12	<0.01	113.0	0.82	N/A	<0.01	2.16	33.0	2.71	N/A	0.48	<0.01														
25.0	7.82	4.17	2.71	2.09	0.29	<0.01	31.8	4.43	2.32	<0.01	1.01	0.56	0.37	0.28	0.11	<0.01	95.5	0.82	N/A	<0.01	1.83	28.0	2.71	N/A	0.43	<0.01														

Coverage factors: $W_{\text{E}_{\text{ind}} \text{ (10g)}} = [5.27, 5.29, 5.42, 5.46, 5.49, 5.52]$, $W_{\text{E}_{\text{ind}} \text{ (1g)}} = [7.44, 7.48, 7.66, 7.72, 7.75, 7.78]$, $W_{\text{E}_{\text{ind}} \text{ (10g)}} = [2.90, 2.91, 2.97, 2.98, 2.99, 3.01]$

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