

Appendix A: Test Plots

RF SAFETY LABORATORY

DASY8 Module WPT Measurement Report

Device under test

Info:
BPD024

Serial number:
00205

Scenario:
127.7 kHz, Front, iPhone 11

Tool info

DASY software version:
DASY8 Module WPT 3.4.0.6944

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000267, 2025/10/03

Software version:
3.4.0, backend: 3.2.21

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: -27.47 mm, y: -36.63 mm, z: 67.76 mm

Dimensions:
x: 124.7 mm, y: 213.0 mm, z: 36.7 mm

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

Completed on:
2026/07/12

Measurement results

Maximum H-field [rms]:
MAGNITUDE: 6.17 A/m
x: 2.88 A/m, y: 992.08 mA/m, z: 5.37 A/m

Maximum H-field location relative to DUT:
x: 18.33 mm, y: 3.67 mm, z: 8.50 mm

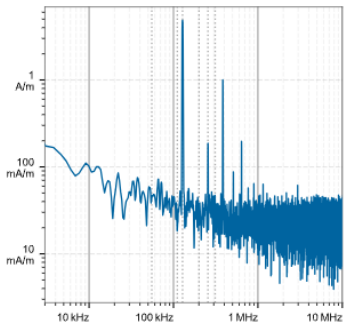
Maximum E-field [rms]:
MAGNITUDE: 99.08 V/m
x: 2.39 V/m, y: 3.38 V/m, z: 98.99 V/m

Maximum E-field location relative to DUT:
x: 7.33 mm, y: -44.00 mm, z: 0.00 m

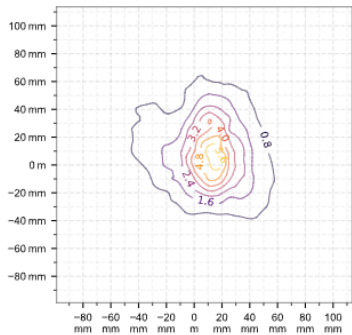
Distance to -20.0 dB boundary:
42.76 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at center location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 128.00 kHz, $\sigma = 0.750$ S/m, tissue density = 1,000 kg/m³)

Distance [mm]	Peak incident fields [rms]		Peak E _{ind} [V/m, rms]			Peak J _{ind} [A/m ² , rms]	psSAR [mW/kg]		H-field extent	Sign	Vector potential	Warnings Boundary effect
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]			
0.00	12.7	99.1	0.0814	0.0833	0.0836	0.052	2.62e-3	1.24e-3	46.0	51%	17%	32%

Compliance evaluation (Field values at the peak frequency) (f=128.00 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [rms]		BR [rms]		RL [rms]		BR [rms]		ERL [rms]		DRL [rms]		MPE [rms]		BR [rms]		RL [rms]		BR [rms]	
	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pJ _{ind} [A/m ²]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]
0.00	12.7	99.1	0.450	1.25e-3	12.7	99.1	0.0547	1.25e-3	12.7	99.1	0.254	1.25e-3	12.7	99.1	N/A	2.63e-3	12.7	99.1	0.65	2.63e-3
Coverage factors: w _{E_{ind}, cube avg.} = [5.49], w _{E_{ind}, local} = [7.76], w _{E_{ind}, line avg.} = [3.00]																				

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

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL		BR		RL		BR		ERL		DRL		MPE		BR		RL		BR	
	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pJ _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR	pH _{inc}	pE _{inc}	pE _{ind}	psSAR
0.00	NS	TH	NS	TH	NS	TH	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH
	-4.34	-9.55	5.03	-24.2	-31.6	-62.0	8.13	4.74	-13.2	-62.0	-22.1	-27.0	-12.3	-22.3	-40.4	-62.0	17.9	-12.3	N/A	-57.8
Coverage factors: w _{E_{ind}, cube avg.} = [5.49], w _{E_{ind}, local} = [7.76], w _{E_{ind}, line avg.} = [3.00]																				

DASY8 Module WPT Measurement Report

Device under test

Info:
BPD024

Serial number:
00205

Scenario:
360 kHz, Back, iPhone 17 Pro

Tool info

DASY software version:
DASY8 Module WPT 3.4.0.6944

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000267, 2025/10/03

Software version:
3.4.0, backend: 3.2.21

Hardware version:
FPGA: 100, FW: N/A

Scan info

Center location:
x: 29.19 mm, y: -38.82 mm, z: 68.17 mm

Dimensions:
x: 168.8 mm, y: 168.6 mm, z: 36.3 mm

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

Completed on:
2026/07/12

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 1.29 A/m
x: 271.16 mA/m, y: 128.94 mA/m, z: 1.25 A/m

Maximum H-field location relative to DUT:
x: 47.67 mm, y: 3.67 mm, z: 8.50 mm

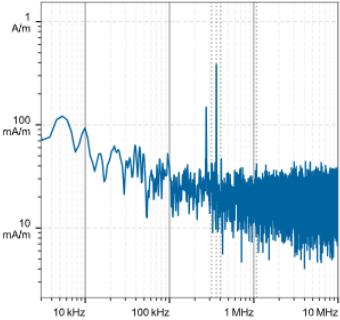
Maximum E-field [RMS]:
MAGNITUDE: 81.50 V/m
x: 3.20 V/m, y: 3.80 V/m, z: 81.35 V/m

Maximum E-field location relative to DUT:
x: 14.67 mm, y: -44.00 mm, z: 0.00 m

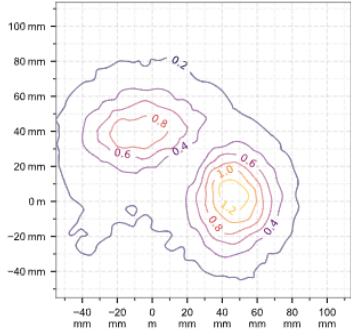
Distance to -20.0 dB boundary:
44.61 mm

Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

H-field magnitude [RMS] at center location



H-field magnitude [RMS] at lowest plane



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f=360.02 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/m ² , 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	2.32	81.5	0.0444	0.0451	0.0452	0.0296	9.05e-4	5.03e-4	64.5	21%	36%	71%

Compliance evaluation (Field values at the peak frequency) (f=360.02 kHz, total field evaluation, coverage evaluation)

Distance [mm]	ICNIRP 2010/2020				ICNIRP 1998				IEEE 2019				FCC				HC Code 6			
	RL [RMS]		BR [RMS]		RL [RMS]		BR [RMS]		ERL [RMS]		DRL [RMS]		MPE [RMS]		BR [RMS]		RL [RMS]		BR [RMS]	
	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pJ _{ind} [A/m²]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]	pH _{inc} [A/m]	pE _{inc} [V/m]	pE _{ind} [V/m]	psSAR [mW/kg]
0.00	2.32	81.5	0.264	5.54e-4	2.32	81.5	0.0358	5.54e-4	2.32	81.5	0.149	5.54e-4	2.32	81.5	N/A	9.56e-4	2.32	81.5	0.376	9.56e-4
Coverage factors: W _{E_{ind}, cube avg.} = [5.77], W _{E_{ind}, local} = [8.15], W _{E_{ind}, line avg.} = [3.11]																				

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

Distance [mm]	ICNIRP 2010/2020								ICNIRP 1998				IEEE 2019				FCC				HC Code 6																							
	RL				BR				RL				BR				ERL				DRL				MPE				FCC				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	NS	TH	N/A	N/A	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	NS	TH	N/A	N/A	N/A	TH	NS	TH	NS	TH	NS	TH	NS	TH								
0.00	-19.2	-15.4	8.44	-13.2	-44.8	-63.2			1.15	10.1	-23.8	-63.2	-37.0	-32.8	-8.94	-20.3	-53.3	-63.2	3.05	-5.96	N/A	-60.7	-31.8	1.15	8.44	N/A	-41.9	-60.7																
Coverage factors: $w_{E_{ind}, cube avg.} = [5.77]$, $w_{E_{ind}, local} = [8.15]$, $w_{E_{ind}, line avg.} = [3.11]$																																												