

DASY8 Module WPT Measurement Report

Device under test

Info:
01_Front_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.8.0.5184

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, 2025/06/05

Software version:
2.8.8, backend: 2.2.36

Scan info

Center location:
x: 6.78 mm, y: 53.73 mm, z: 11.69 mm

Dimensions:
x: 124.6 mm, y: 256.3 mm, z: 36.7 mm

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

Completed on:
2025/08/22

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 115.44 A/m
x: 13.97 A/m, y: 109.81 A/m, z: 32.75 A/m

Maximum H-field location relative to DUT:
x: 11.00 mm, y: 3.67 mm, z: 8.50 mm

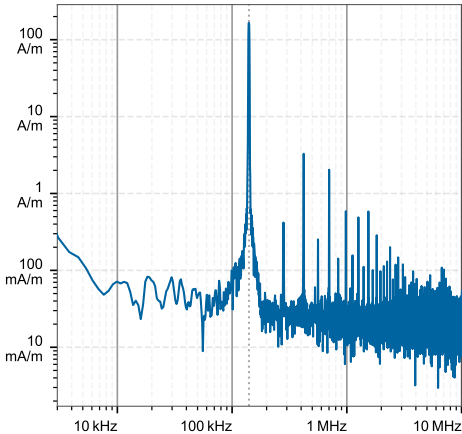
Maximum E-field [RMS]:
MAGNITUDE: 11.23 V/m
x: 8.93 V/m, y: 3.91 V/m, z: 5.59 V/m

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

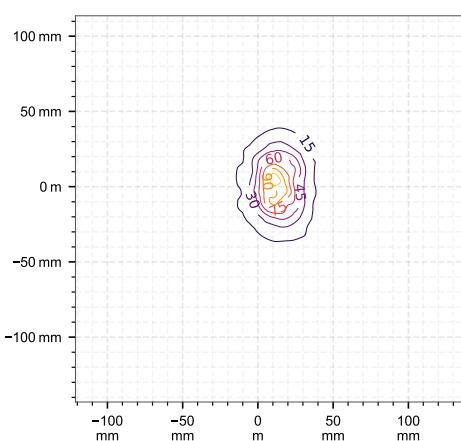
Distance to -20.0 dB boundary:
29.33 mm

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

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
	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	256	11.2	1.47	1.52	1.53	0.866	0.651	0.229	30.7

Compliance evaluation (Field values at the peak frequency)

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]	RL [RMS]	BR [RMS]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]	PH _{inc} [A/m]	PE _{inc} [V/m]	PE _{ind} [V/m]	psSAR [mW/kg]
0.00	256	11.2	7.73	0.229	256	11.2	0.867	0.229	256	11.2	4.43	0.229	256	11.2	N/A	0.651	256	11.2	11.3	0.651
Coverage factors: w _{E_{ind}, cube avg.} = [5.26], w _{E_{ind}, local} = [7.43], w _{E_{ind}, line avg.} = [2.90]																				

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	RL	BR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR	PH _{inc}	PE _{inc}	PE _{ind}	psSAR
0.00	12.2	7.33	7.62	11.6	0.41	<0.01	151.2	10.5	3.15	<0.01	11.57	0.99	1.03	1.57	0.15	<0.01	1157.02	49	7.62	<0.01
Coverage factors: w _{E_{ind}, cube avg.} = [5.26], w _{E_{ind}, local} = [7.43], w _{E_{ind}, line avg.} = [2.90]																				