DASY8 Module WPT Measurement Report

Device under test

Info:
1_Back_0mm

Tool info

DASY software version:
DASY8 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000211, *2024/05/16*

Software version:
2.0.61, *backend: 2.2.22*

Scan info

Center location:
X: 71.42 mm, **Y:** -55.80 mm, **Z:** 17.62 mm

Dimensions:
X: 256.6 mm, **Y:** 256.9 mm, **Z:** 36.7 mm

Resolution:
X: 7.33 mm, **Y:** 7.33 mm, **Z:** 7.33 mm

Completed on:
2024/06/11

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 1.29 A/m
X: 94.95 mA/m, **Y:** 562.90 mA/m, **Z:** 1.15 A/m

Maximum H-field location relative to DUT:
X: -3.67 mm, **Y:** 25.67 mm, **Z:** 8.50 mm

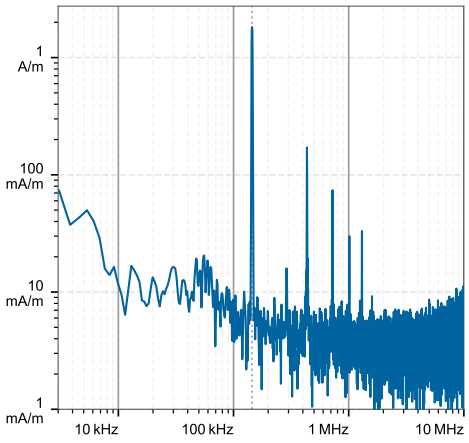
Maximum E-field [RMS]:
MAGNITUDE: 69.45 V/m
X: 3.97 V/m, **Y:** 3.59 V/m, **Z:** 69.24 V/m

Maximum E-field location relative to DUT:
X: -73.33 mm, **Y:** 7.33 mm, **Z:** 0.00 m

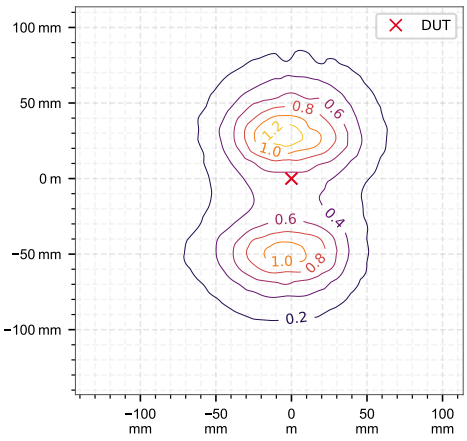
Distance to -20.0 dB boundary:
67.61 mm

Offset relative to DUT:
X: 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



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

	Peak incident fields [RMS]		Peak E_{ind} [V/m, RMS]			Peak J_{ind} [A/m^2, RMS]	psSAR [mW/kg]		H-field extent
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]
0.00	2.29	69.5	0.021	0.022	0.022	0.015	0.000	0.000	77.0

Compliance evaluation (Field values at the peak frequency)

	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 [mm]	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	2.29	69.5	0.133	0.000	2.29	69.5	0.017	0.000	2.29	69.5	0.074	0.000	2.29	69.5	N/A	0.000	2.29	69.5	0.19	0.000

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.95], $w_{E_{ind,\ local}}$ = [8.41], $w_{E_{ind,\ line\ avg.}}$ = [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	
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	0.11	0.07	>999	>999	0.89	<0.01	0.46	>999	44.6	<0.01	0.01	<0.01	689.0	>999	0.56	<0.01	1.41	328.0	N/A	<0.01	0.03	0.45	>999	>999	0.89	<0.01

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.95], $w_{E_{ind,\ local}}$ = [8.41], $w_{E_{ind,\ line\ avg.}}$ = [3.19]