DASY8 Module WPT Measurement Report

Device under test

Info:
VCoil35085

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: 60.91 mm, **Y:** -149.23 mm, **Z:** 36.65 mm

Dimensions:
X: 433.0 mm, **Y:** 520.4 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: 128.98 A/m
X: 65.86 A/m, **Y:** 94.50 A/m, **Z:** 58.05 A/m

Maximum H-field location relative to DUT:
X: 55.00 mm, **Y:** -143.00 mm, **Z:** 8.50 mm

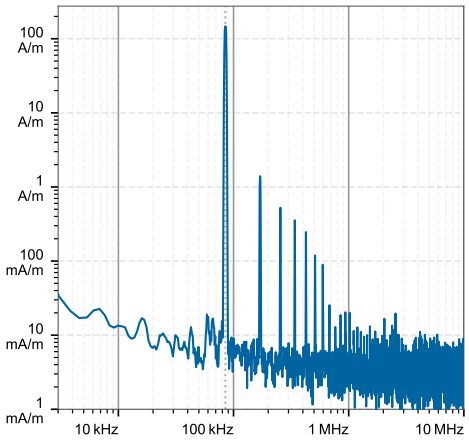
Maximum E-field [RMS]:
MAGNITUDE: 199.84 V/m
X: 9.05 V/m, **Y:** 7.62 V/m, **Z:** 199.49 V/m

Maximum E-field location relative to DUT:
X: 88.00 mm, **Y:** 176.00 mm, **Z:** 0.00 m

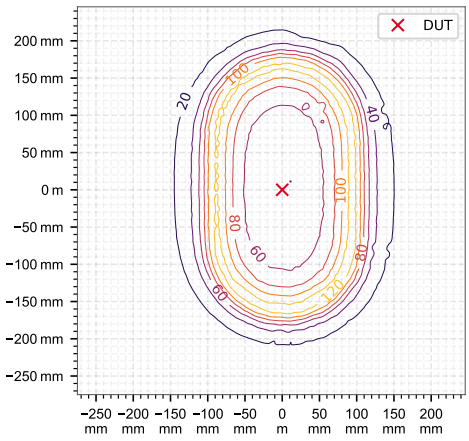
Distance to -20.0 dB boundary:
63.08 mm

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	195	200	3.34	3.37	3.38	2.36	6.56	4.91	184
2.00	178	183	3.15	3.18	3.19	2.23	5.88	4.46	186

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	195	200	3.35	4.91	195	200	2.36	4.91	195	200	3.39	4.91	195	200	N/A	6.56	195	200	3.38	6.56
2.00	178	183	3.16	4.46	178	183	2.23	4.46	178	183	3.19	4.46	178	183	N/A	5.88	178	183	3.19	5.88

Compliance evaluation (Exposure ratios) *(with multi-frequency enhancement, total field 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	9.29	N/A	10.3	N/A	0.29	N/A	39.0	13.1	14.0	N/A	1.2	N/A	1.39	N/A	0.19	N/A	2.17	6.13	N/A	N/A	2.17	N/A	10.3	N/A	0.30	N/A
2.00	8.5	N/A	9.44	N/A	0.28	N/A	35.7	12.0	13.2	N/A	1.09	N/A	1.28	N/A	0.18	N/A	1.98	5.62	N/A	N/A	1.98	N/A	9.44	N/A	0.28	N/A