

Device under test

Part:
VC68 50/400
Serial number:
1028
Scenario:
VC68 50/400 System Check

Tool info

cDASY6 software version:
cDASY6 Module WPT 2.6.0.5002
Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, VIP000248, 2024/09/20
Software version:
2.0.63, backend: 2.2.22

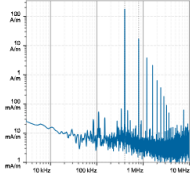
Scan info

Center location:
x: 860.00 μm , y: -63.80 mm, z: 35.79 mm
Dimensions:
x: 124.6 mm, y: 124.9 mm, z: 38.7 mm
Resolution:
x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
Completed on:
2025/04/08 09:05:35

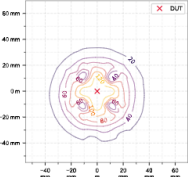
Measurement results

Maximum H-field [mA/m]
MAGNITUDE: 127.42 A/m
x: 16.01 A/m, y: 9.92 A/m, z: 126.02 A/m
Maximum H-field location relative to DUT:
x: -3.67 mm, y: -3.67 mm, z: 8.50 mm
Maximum E-field [V/m]
MAGNITUDE: 53.46 V/m
x: 24.91 V/m, y: 12.85 V/m, z: 46.00 V/m
Maximum E-field location relative to DUT:
x: 7.33 mm, y: -29.33 mm, z: 0.00 m
Distance to -20.0 dB boundary:
39.49 mm
Offset relative to DUT:
x: 0.00 m, y: 0.00 m, z: 1.00 mm

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



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 400.00 MHz, $\sigma = 0.750 \text{ S/m}$, tissue density = 1.000 kg/m^3)

Distance [mm]	Peak incident fields [mA/m]				Peak E_{ind} [V/m, 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.	10g avg.	-30 dB radius [mm]	H-field extent	Sign	Vector potential			
0.00	247	53.5	4.14	4.27	4.27	2.56	6.30	3.18	39.5	39.5	39.5	8%	33%	30%		
2.00	219	49.5	3.49	3.80	3.81	2.16	4.61	2.40	39.8	39.8	39.8	8%	33%	30%		

Compliance evaluation (Field values at the peak frequency) (f = 400.00 MHz, total field evaluation)

Distance [mm]	ICNIRP 2010/2020					ICNIRP 1998					IEEE 2019					FCC					HC Code 9				
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]
0.00	247	53.5	4.14	3.18	3.18	247	53.5	2.57	3.18	3.18	247	53.5	4.27	3.18	3.18	247	53.5	N/A	6.30	6.30	247	53.5	4.28	6.30	6.30
2.00	219	49.5	3.50	2.40	2.40	219	49.5	2.16	2.40	2.40	219	49.5	3.62	2.40	2.40	219	49.5	N/A	4.61	4.61	219	49.5	3.61	4.61	4.61

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

Distance [mm]	ICNIRP 2010/2020					ICNIRP 1998					IEEE 2019					FCC					HC Code 9				
	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]	H_{inc} [A/m]	E_{inc} [V/m]	E_{ind} [V/m]	BR [mW/kg]	psSAR [mW/kg]
0.00	NS	12.9	20.0	123.0	23.2	0.11	<0.01	140.0	224.0	4.58	<0.01	1.96	2.81	16.6	76.4	0.07	<0.01	153.0	127.0	3.0	140.0	123.0	275.0	0.11	<0.01
2.00	NS	11.4	18.5	114.0	21.5	0.09	<0.01	124.0	207.0	3.95	<0.01	1.47	2.49	15.4	70.8	0.06	<0.01	135.0	118.0	2.66	124.0	114.0	255.0	0.09	<0.01

Device under test		Tool info	Scan info
Info:		DASY software version:	Center location:
VCoil 50/400		cDASY6 Module WPT 2.6.0.5002	x: -19.48 mm, y: -57.54 mm, z: 35.97 mm
Serial number:		Probe model, serial no. and configuration date:	Dimensions:
1029		MAGPy-BH3D-HESDV2, WPO00248, 2024-09-20	x: 124.7 mm, y: 125.1 mm, z: 36.6 mm
Comments:		Software version:	Resolution:
VCoil 50/400 System Check		2.0.83, buildend: 2.2.22	x: 7.33 mm, y: 7.33 mm, z: 7.33 mm
		Completed on:	
		2025/04/14 08:17:36	

Measurement results

Maximum H-field [mA/m]

MAGNITUDE: **124.81 A/m**

x: 12.85 A/m, y: 24.97 A/m, z: 121.36 A/m

Maximum H-field location relative to DUT:

x: -3.87 mm, y: -3.87 mm, z: **8.50 mm**

Maximum E-field [V/m]

MAGNITUDE: **52.80 V/m**

x: 22.84 V/m, y: 11.49 V/m, z: 46.20 V/m

Maximum E-field location relative to DUT:

x: **7.33 mm**, y: -29.33 mm, z: 0.00 m

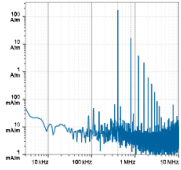
Distance to -20 dB boundary:

38.49 mm

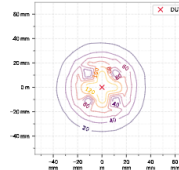
Offset relative to DUT:

x: 0.00 m, y: 0.00 m, z: 1.00 mm

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



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



Incident fields and induced fields in the homogeneous phantom at the peak frequency (f = 430.00 MHz, d = 0.760 mm, tissue density = 1.020 kg/m³)													
Distance [mm]	Peak incident fields [mA]			Peak E _{ind} [V/m, x,y,z]			Peak A _{ind} [A/m², x,y,z]		psSAR [mW/kg]		H-field extent		Warnings
	H _{inc} [A/m]	E _{inc} [V/m]	Cube avg.	Local	Line avg.	Surface avg.	tg avg.	10g avg.	10g avg.	20 dB radius [mm]	Sign	Vector potential	
0.00	249	52.8	4.01	4.14	4.14	2.47	5.89	3.03	39.7	1%	1%	30%	34%
2.00	217	45.9	3.37	3.48	3.49	2.09	4.35	2.28	36.9	1%	1%	30%	34%

Compliance evaluation (Field values at the peak frequency) (f=430.00 MHz, total field evaluation)																									
ICNIRP 2010/2020																									
Distance [mm]	ICNIRP 2010/2020					ICNIRP 1998					IEEE 2019					FCC					HC Code 6				
	psH _{inc} [A/m]	RL [mA]	psE _{inc} [V/m]	psI _{inc} [mA]	psSAR [mW/kg]	psH _{inc} [A/m]	RL [mA]	psE _{inc} [V/m]	psI _{inc} [mA]	psSAR [mW/kg]	psH _{inc} [A/m]	RL [mA]	psE _{inc} [V/m]	psI _{inc} [mA]	psSAR [mW/kg]	psH _{inc} [A/m]	RL [mA]	psE _{inc} [V/m]	psI _{inc} [mA]	psSAR [mW/kg]					
0.00	249	52.8	4.02	3.03	3.03	249	52.8	2.47	3.03	3.03	249	52.8	4.44	3.03	3.03	249	52.8	N/A	5.89	249	52.8				
2.00	217	45.9	3.38	2.28	2.28	217	45.9	2.10	2.28	2.28	217	45.9	3.19	2.28	2.28	217	45.9	N/A	4.35	217	45.9				

Compliance evaluation (Exposure ratios)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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