cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2024/07/04*

Software version:
2.0.61, *backend: 2.2.22*

Scan info

Center location:
X: -13.46 mm, **Y:** 11.59 mm, **Z:** 56.54 mm

Dimensions:
X: 256.0 mm, **Y:** 344.0 mm, **Z:** 37.0 mm

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

Completed on:
2025/02/06 17:44:51

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 915.43 mA/m
X: 775.75 mA/m, **Y:** 31.26 mA/m, **Z:** 485.03 mA/m

Maximum H-field location relative to DUT:
X: 18.33 mm, **Y:** 121.00 mm, **Z:** 8.50 mm

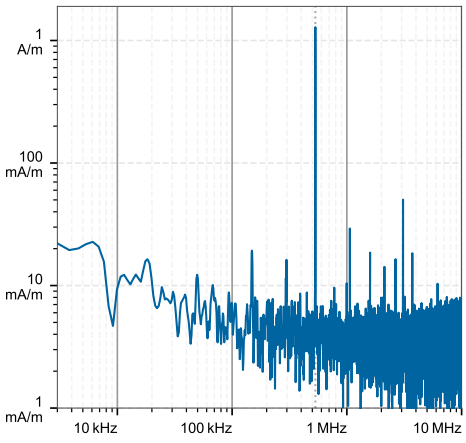
Maximum E-field [RMS]:
MAGNITUDE: 817.85 mV/m
X: 28.68 mV/m, **Y:** 73.65 mV/m, **Z:** 814.02 mV/m

Maximum E-field location relative to DUT:
X: 0.00 m, **Y:** -124.67 mm, **Z:** 0.00 m

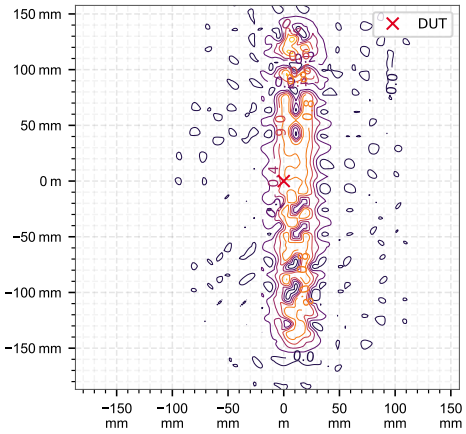
Distance to -20.0 dB boundary:
7.33 mm

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 homogeneous phantom at the peak frequency

(f = 530.51 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m^3)

	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	2.25	0.818	0.042	0.047	0.042	0.023	0.000	0.000	74.7	163%	229%	82%

Compliance evaluation (Field values at the peak frequency)

(f=530.51 kHz, total field evaluation)

	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	2.25	0.818	0.042	0.000	2.25	0.818	0.023	0.000	2.25	0.818	0.042	0.000	2.25	0.818	N/A	0.000	2.25	0.818	0.047	0.000

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	0.11	0.24	0.09	0.15	<0.01	<0.01	1.63	0.17	0.02	<0.01	0.01	0.03	0.01	0.07	<0.01	<0.01	1.38	0.04	N/A	<0.01	0.02	1.63	0.09	0.55	<0.01	<0.01

cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2024/07/04*

Software version:
2.0.61, *backend: 2.2.22*

Scan info

Center location:
X: -13.45 mm, **Y:** 11.59 mm, **Z:** 56.55 mm

Dimensions:
X: 256.0 mm, **Y:** 344.0 mm, **Z:** 37.0 mm

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

Completed on:
2025/02/06 14:57:40

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 924.96 mA/m
X: 876.04 mA/m, **Y:** 7.61 mA/m, **Z:** 296.75 mA/m

Maximum H-field location relative to DUT:
X: 18.33 mm, **Y:** 106.33 mm, **Z:** 8.50 mm

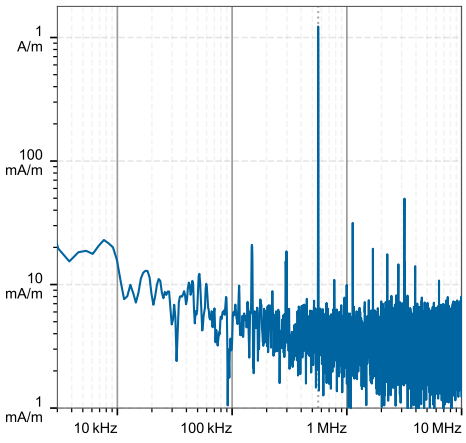
Maximum E-field [RMS]:
MAGNITUDE: 783.10 mV/m
X: 30.63 mV/m, **Y:** 27.63 mV/m, **Z:** 782.02 mV/m

Maximum E-field location relative to DUT:
X: 14.67 mm, **Y:** -124.67 mm, **Z:** 0.00 m

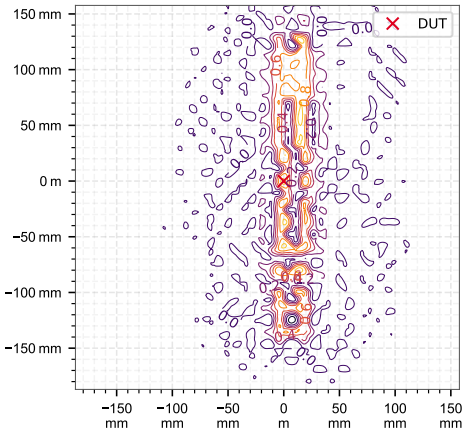
Distance to -20.0 dB boundary:
14.67 mm

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 homogeneous phantom at the peak frequency

(f = 564.37 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m^3)

	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	2.02	0.783	0.052	0.057	0.052	0.024	0.000	0.000	73.1	38%	256%	70%

Compliance evaluation (Field values at the peak frequency)

(f=564.37 kHz, total field evaluation, coverage evaluation)

	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	2.02	0.783	0.309	0.000	2.02	0.783	0.024	0.000	2.02	0.783	0.166	0.000	2.02	0.783	N/A	0.000	2.02	0.783	0.478	0.000

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.90], $w_{E_{ind,\ local}}$ = [8.33], $w_{E_{ind,\ line\ avg.}}$ = [3.17]

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	0.10	0.23	0.03	0.01	<0.01	<0.01	1.56	0.04	0.02	<0.01	0.01	0.03	<0.01	<0.01	<0.01	<0.01	1.24	<0.01	N/A	<0.01	0.02	1.56	0.03	0.07	<0.01	<0.01

Coverage factors: $w_{E_{ind,\ cube\ avg.}}$ = [5.90], $w_{E_{ind,\ local}}$ = [8.33], $w_{E_{ind,\ line\ avg.}}$ = [3.17]

Document generated at 2025/02/06 15:00:47, simulation performed at 2025/02/06 14:59:39 using Sim4Life version 8.0.1.15446

cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2024/07/04*

Software version:
2.0.61, *backend: 2.2.22*

Scan info

Center location:
X: -13.45 mm, **Y:** 11.59 mm, **Z:** 56.55 mm

Dimensions:
X: 256.0 mm, **Y:** 344.0 mm, **Z:** 37.0 mm

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

Completed on:
2025/02/06 16:07:17

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 912.68 mA/m
X: 660.81 mA/m, **Y:** 4.41 mA/m, **Z:** 629.52 mA/m

Maximum H-field location relative to DUT:
X: 18.33 mm, **Y:** 106.33 mm, **Z:** 8.50 mm

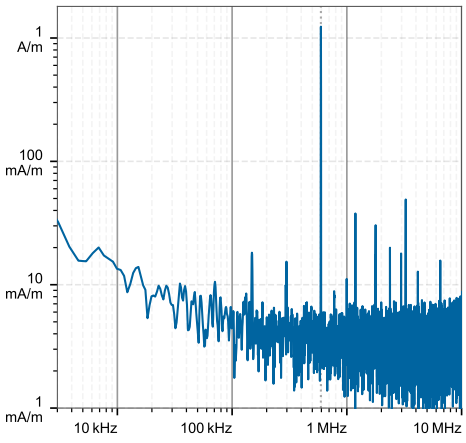
Maximum E-field [RMS]:
MAGNITUDE: 898.80 mV/m
X: 31.66 mV/m, **Y:** 81.28 mV/m, **Z:** 894.56 mV/m

Maximum E-field location relative to DUT:
X: 0.00 m, **Y:** -124.67 mm, **Z:** 0.00 m

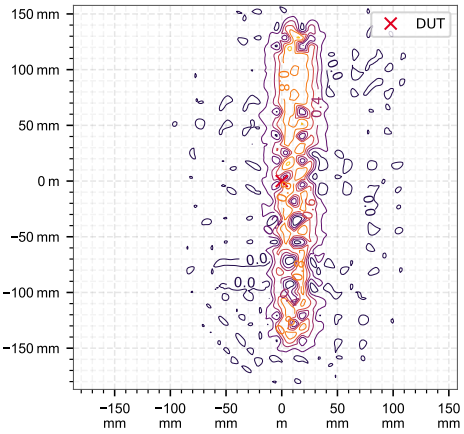
Distance to -20.0 dB boundary:
14.67 mm

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 homogeneous phantom at the peak frequency

(f = 591.62 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m^3)

	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	2.14	0.899	0.049	0.053	0.051	0.029	0.000	0.000	75.8	56%	272%	72%

Compliance evaluation (Field values at the peak frequency)

(f=591.62 kHz, total field evaluation)

	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	2.14	0.899	0.049	0.000	2.14	0.899	0.029	0.000	2.14	0.899	0.051	0.000	2.14	0.899	N/A	0.000	2.14	0.899	0.053	0.000

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	0.10	0.26	0.02	0.02	<0.01	<0.01	1.74	0.03	0.02	<0.01	0.01	0.03	<0.01	<0.01	<0.01	<0.01	1.32	<0.01	N/A	<0.01	0.02	1.74	0.02	0.07	<0.01	<0.01

Document generated at 2025/02/06 16:41:24, simulation performed at 2025/02/06 16:37:46 using Sim4Life version 8.0.1.15446

cDASY6 Module WPT Measurement Report

Device under test

Info:
not set

Serial number:
not set

Scenario:
not set

Tool info

DASY software version:
cDASY6 Module WPT 2.6.0.5002

Probe model, serial no. and configuration date:
MAGPy-8H3D+E3Dv2, WP000107, *2024/07/04*

Software version:
2.0.61, *backend: 2.2.22*

Scan info

Center location:
X: 10.84 mm, **Y:** -5.55 mm, **Z:** 64.90 mm

Dimensions:
X: 257.0 mm, **Y:** 345.0 mm, **Z:** 36.6 mm

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

Completed on:
2025/02/07 12:10:15

Measurement results

Maximum H-field [RMS]:
MAGNITUDE: 376.26 mA/m
X: 234.43 mA/m, **Y:** 1.01 mA/m, **Z:** 294.31 mA/m

Maximum H-field location relative to DUT:
X: 11.00 mm, **Y:** 11.00 mm, **Z:** 8.50 mm

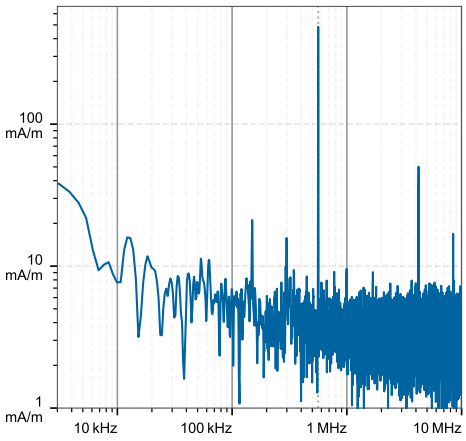
Maximum E-field [RMS]:
MAGNITUDE: 200.53 mV/m
X: 27.84 mV/m, **Y:** 20.53 mV/m, **Z:** 197.52 mV/m

Maximum E-field location relative to DUT:
X: 14.67 mm, **Y:** -124.67 mm, **Z:** 0.00 m

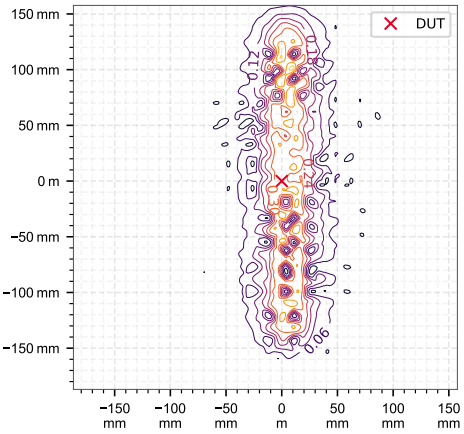
Distance to -20.0 dB boundary:
23.19 mm

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

(f = 562.00 kHz, σ = 0.750 S/m, tissue density = 1,000 kg/m^3)

	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	0.775	0.201	0.022	0.023	0.023	0.013	0.000	0.000	89.3	34%	150%	61%

Compliance evaluation (Field values at the peak frequency)

(f=562.00 kHz, total field evaluation)

	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	0.775	0.201	0.022	0.000	0.775	0.201	0.013	0.000	0.775	0.201	0.023	0.000	0.775	0.201	N/A	0.000	0.775	0.201	0.023	0.000

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	0.04	0.09	<0.01	<0.01	<0.01	<0.01	0.60	<0.01	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.48	<0.01	N/A	<0.01	<0.01	0.60	<0.01	<0.01	<0.01	<0.01

note. this test result measured at 17 mm and result of 0.00 mm distance means extrapolated 8.5 mm from the surface of DUT

Document generated at 2025/02/07 14:02:43, simulation performed at 2025/02/07 14:02:40 using Sim4Life version 8.0.1.15446