

Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 23.1$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{\text{BT2}} = 2.6$  m/s

PIV, FOV3

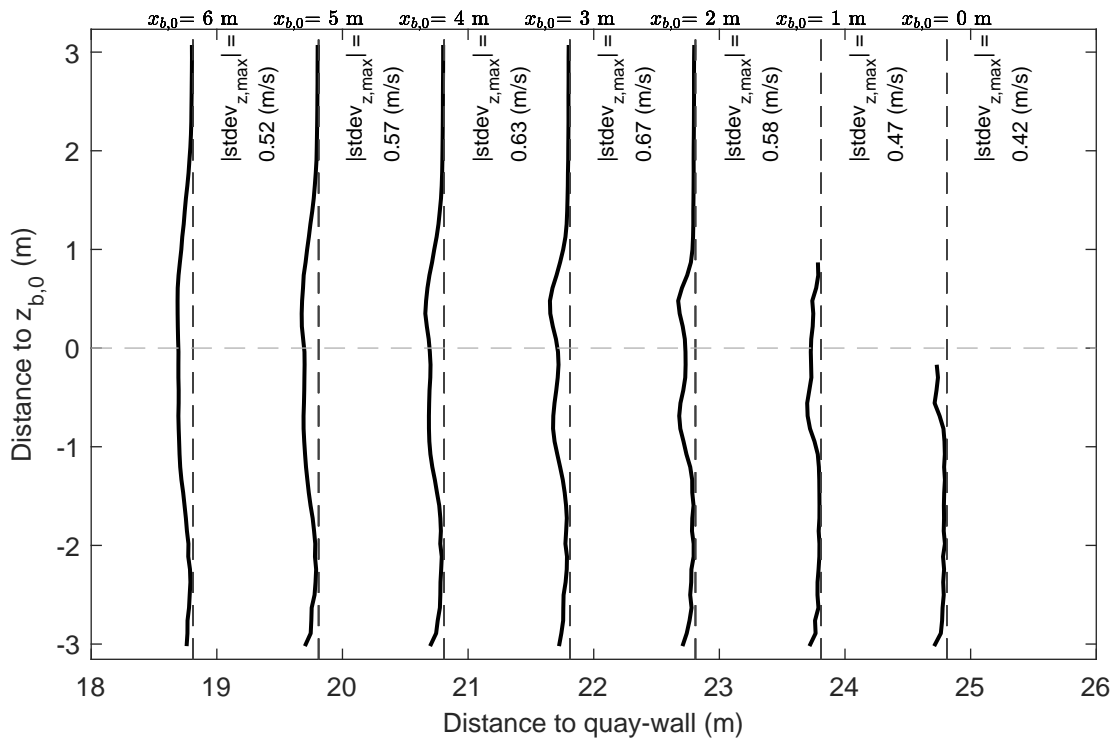
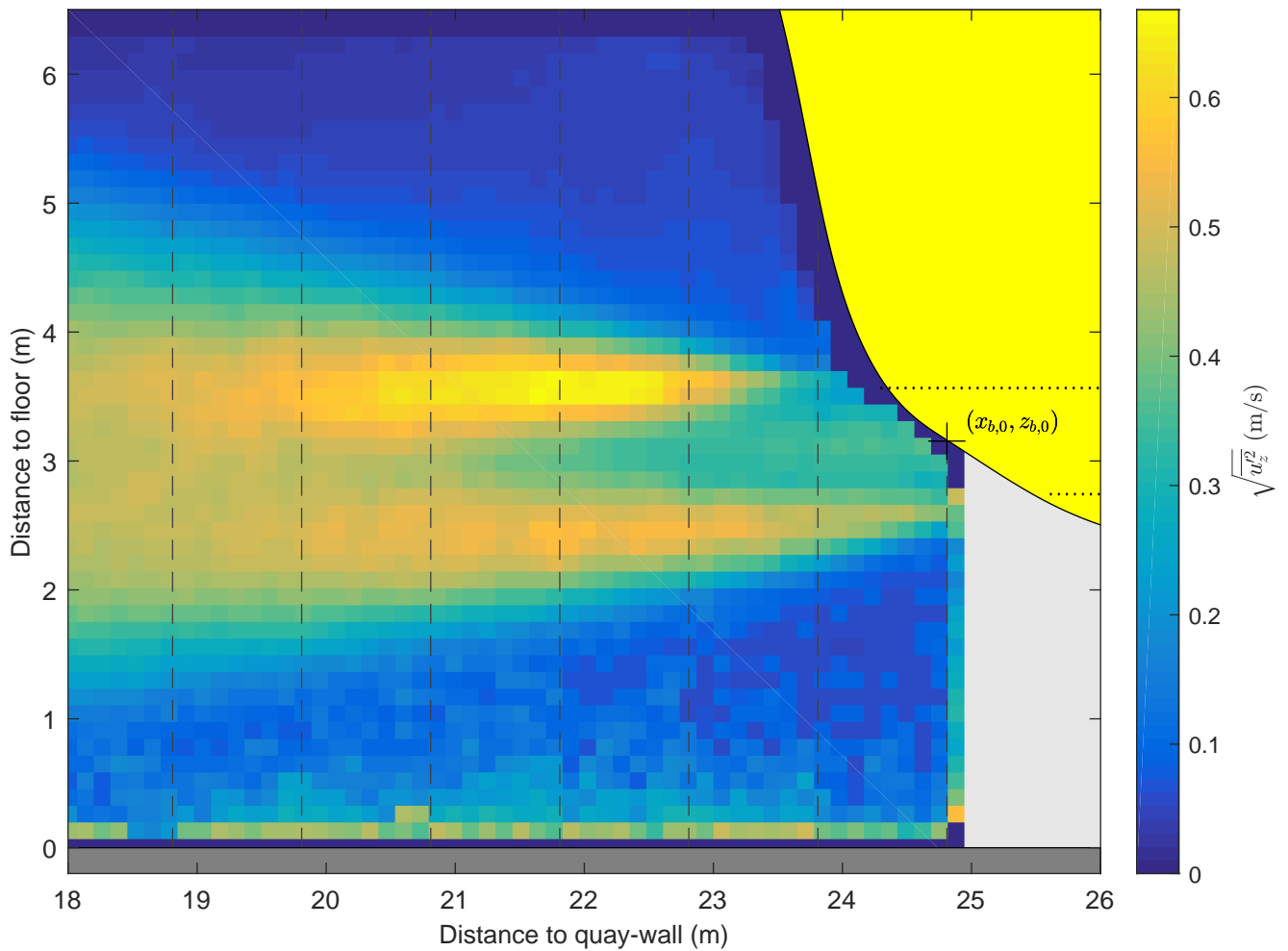
TKI-SOP

PIVSOP008

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 23.1$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{\text{BT2}} = 3.8$  m/s

PIV, FOV3

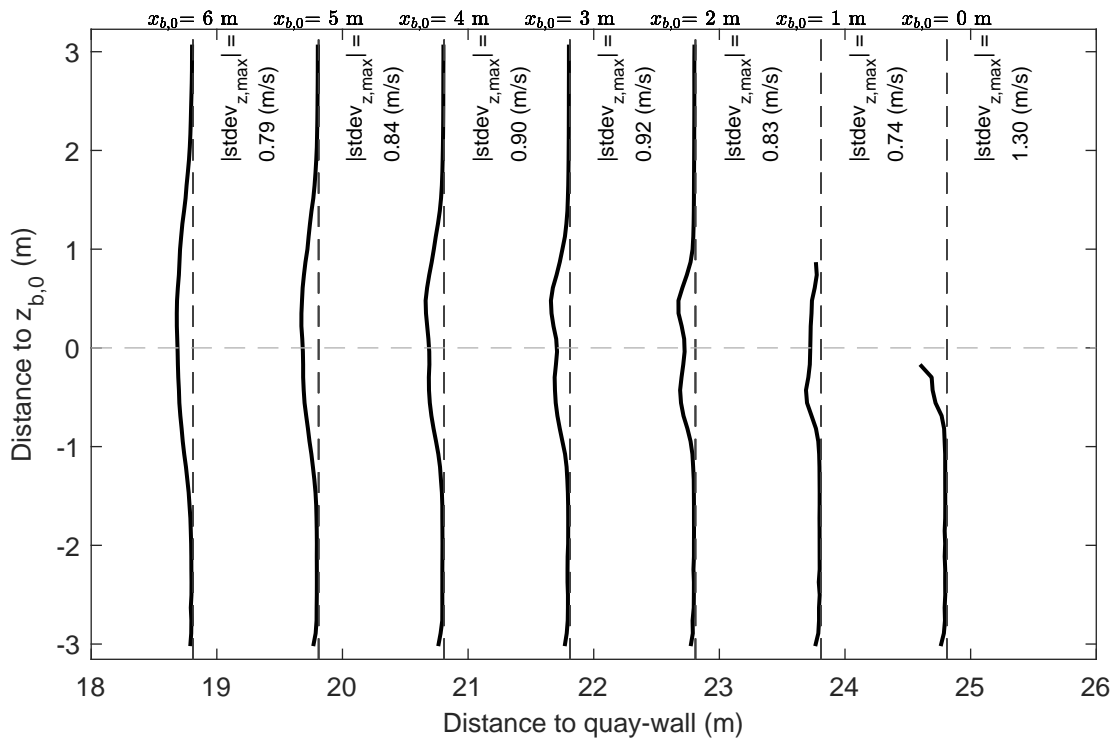
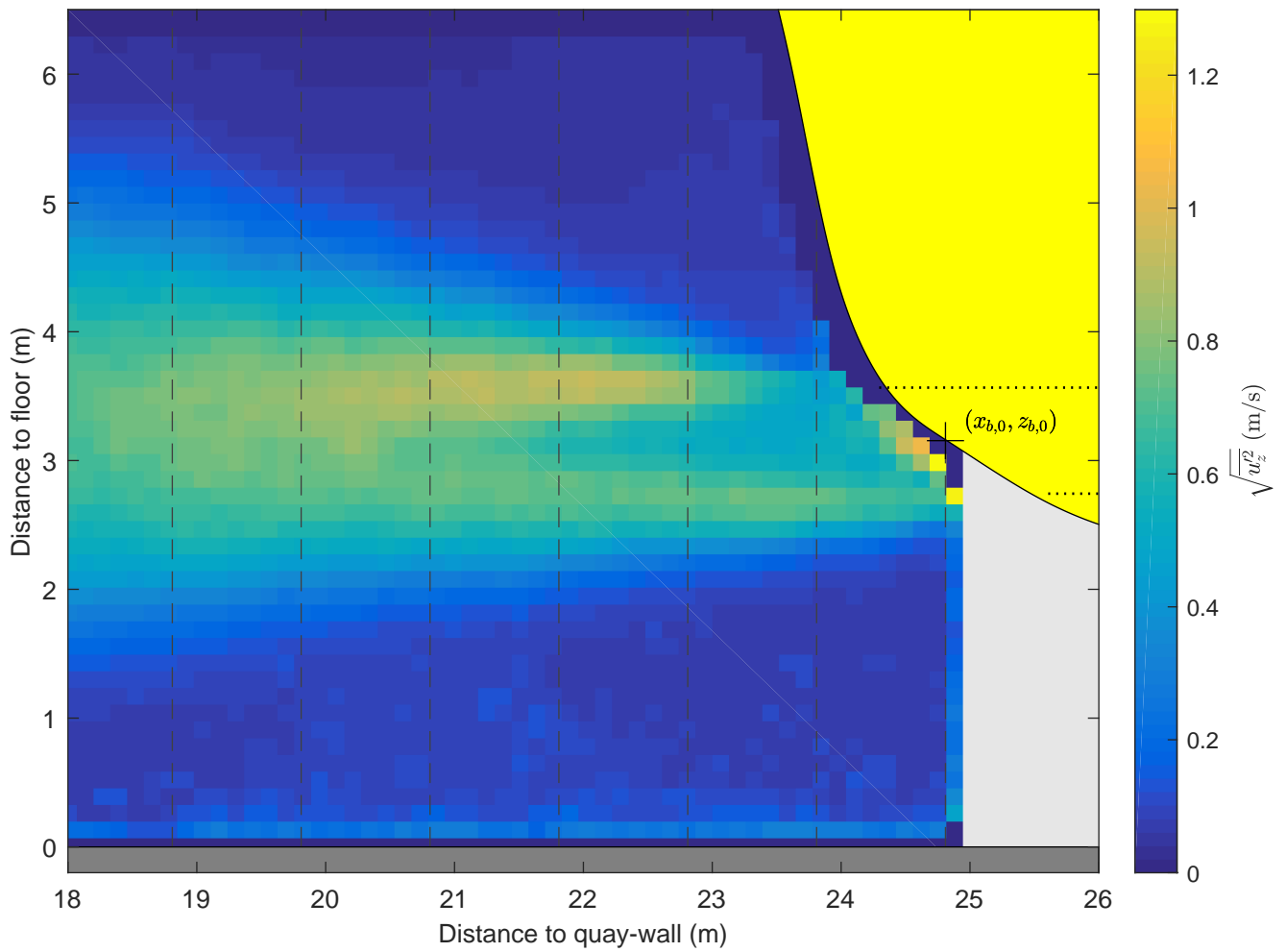
TKI-SOP

PIVSOP011

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 23.1$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 5.6$  m/s

PIV, FOV3

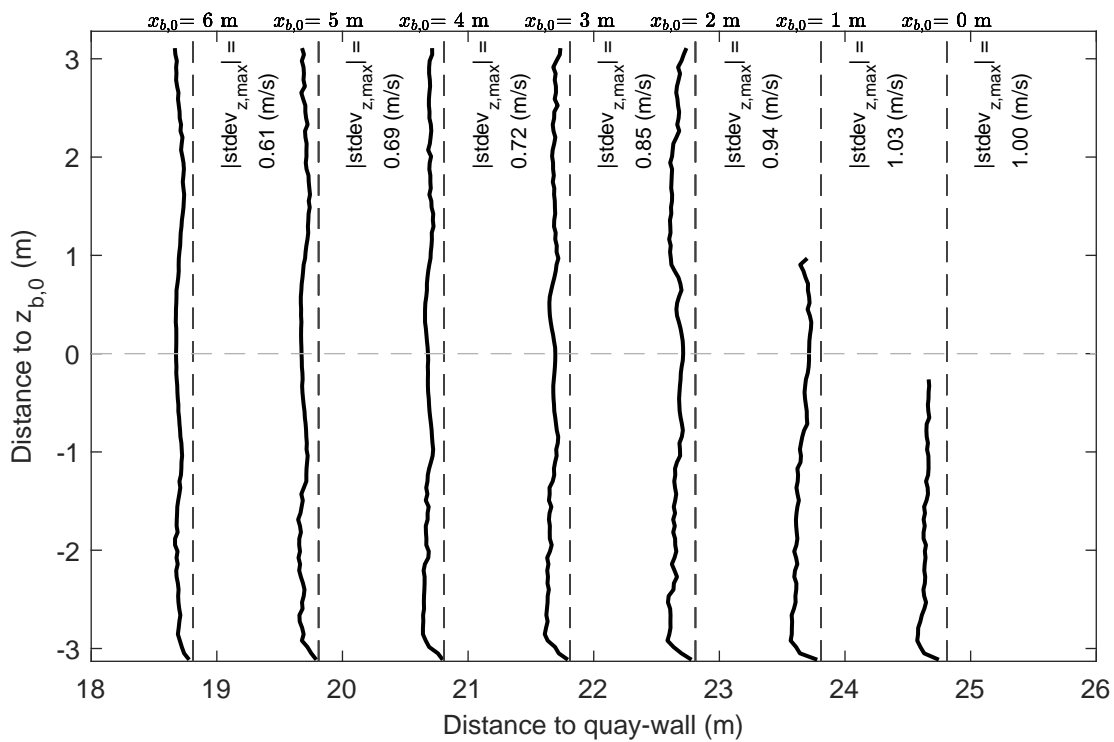
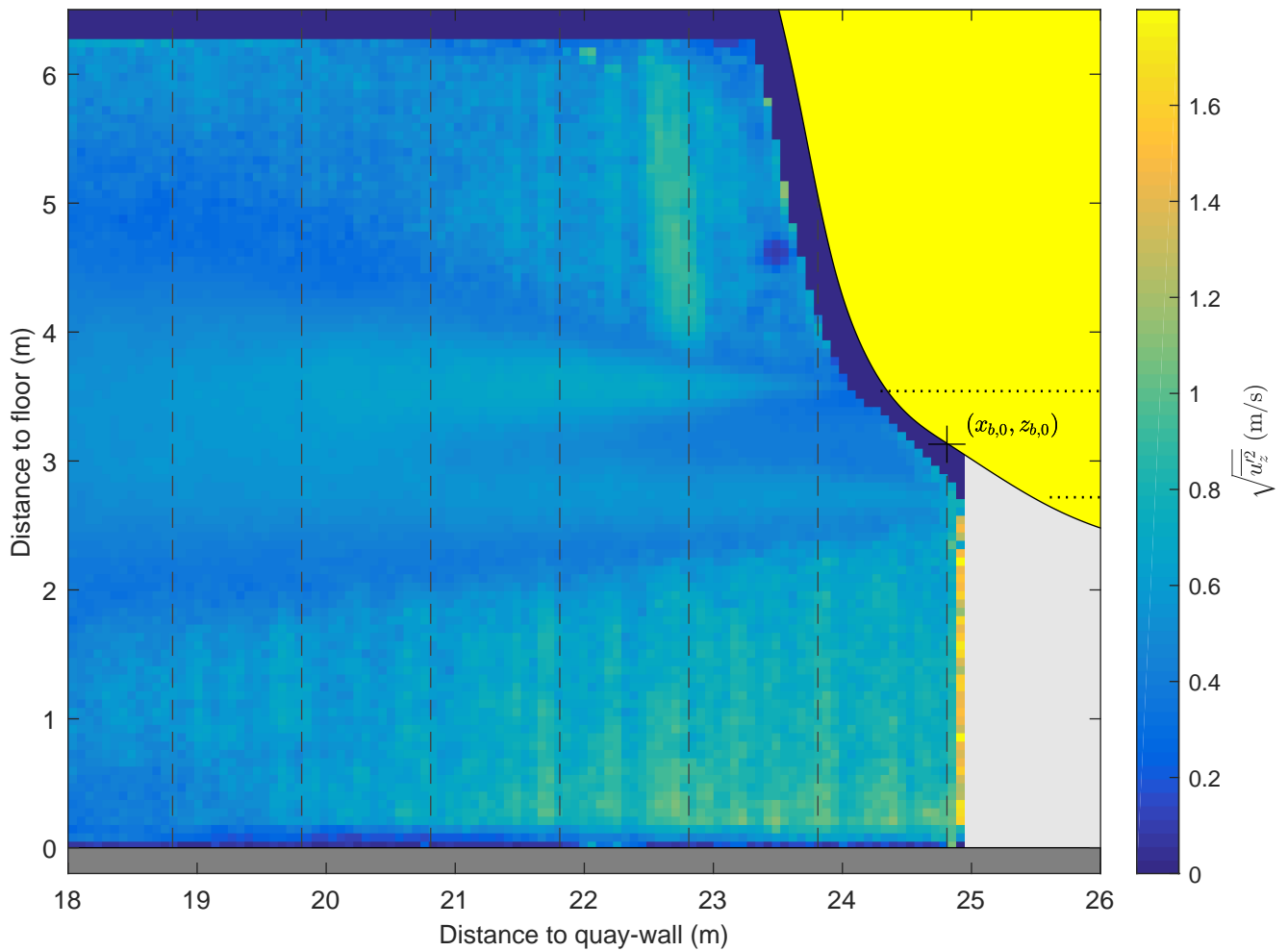
TKI-SOP

PIVSOP014

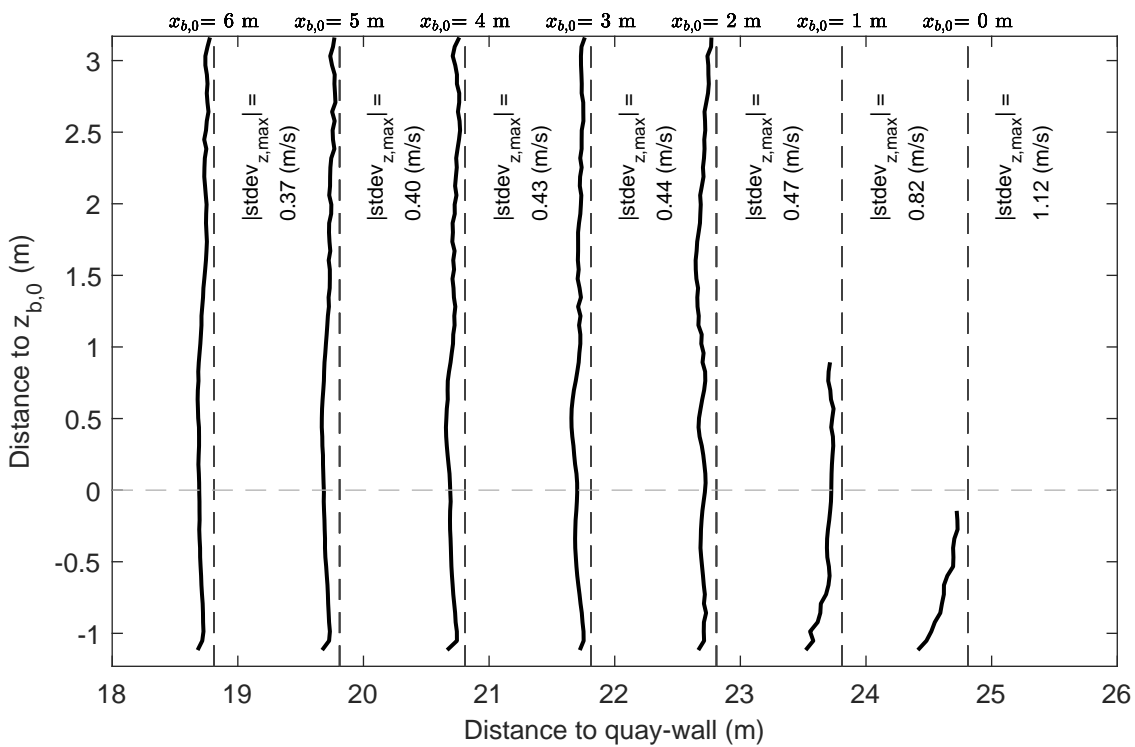
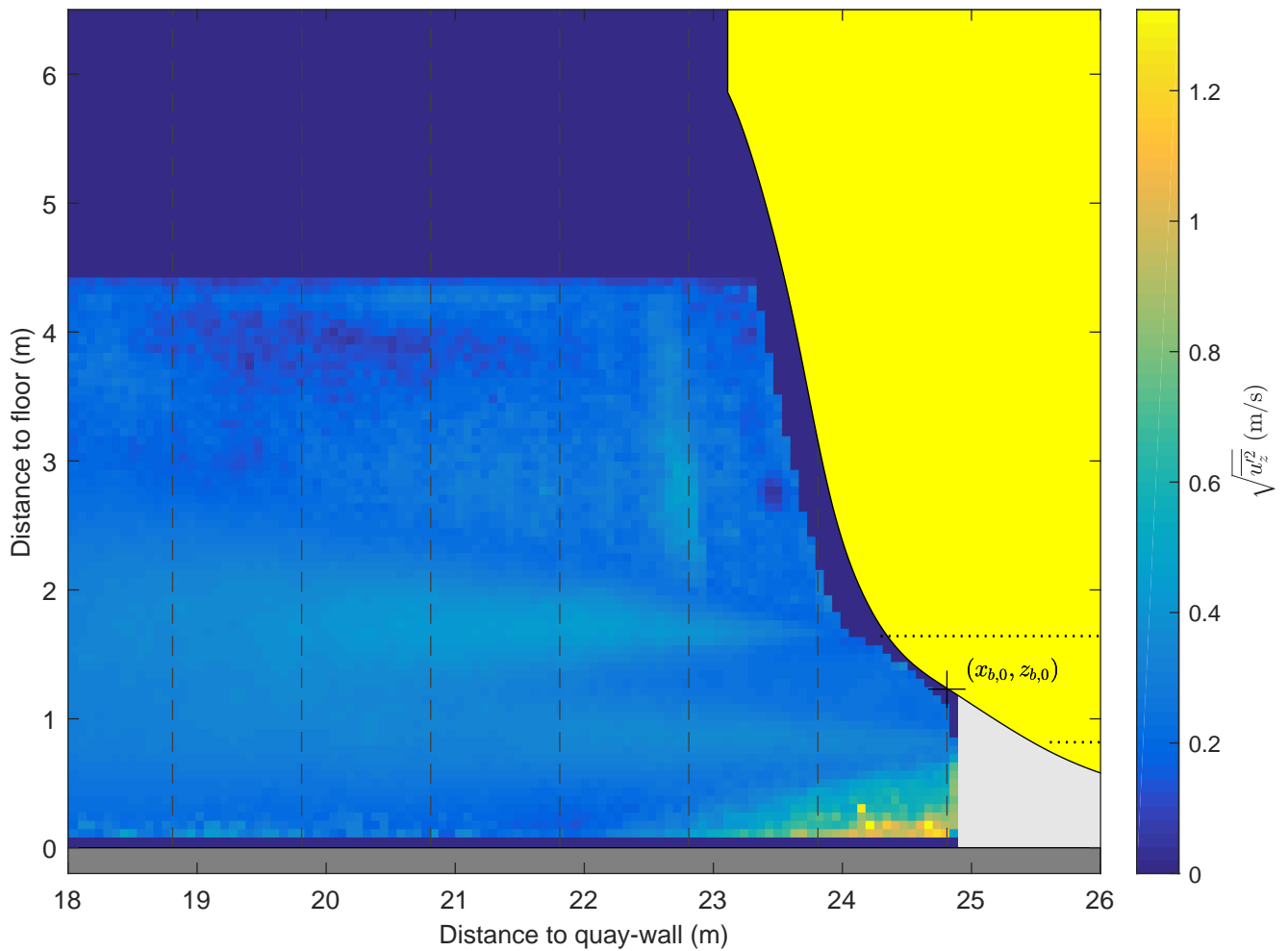
**Deltares**

11206641

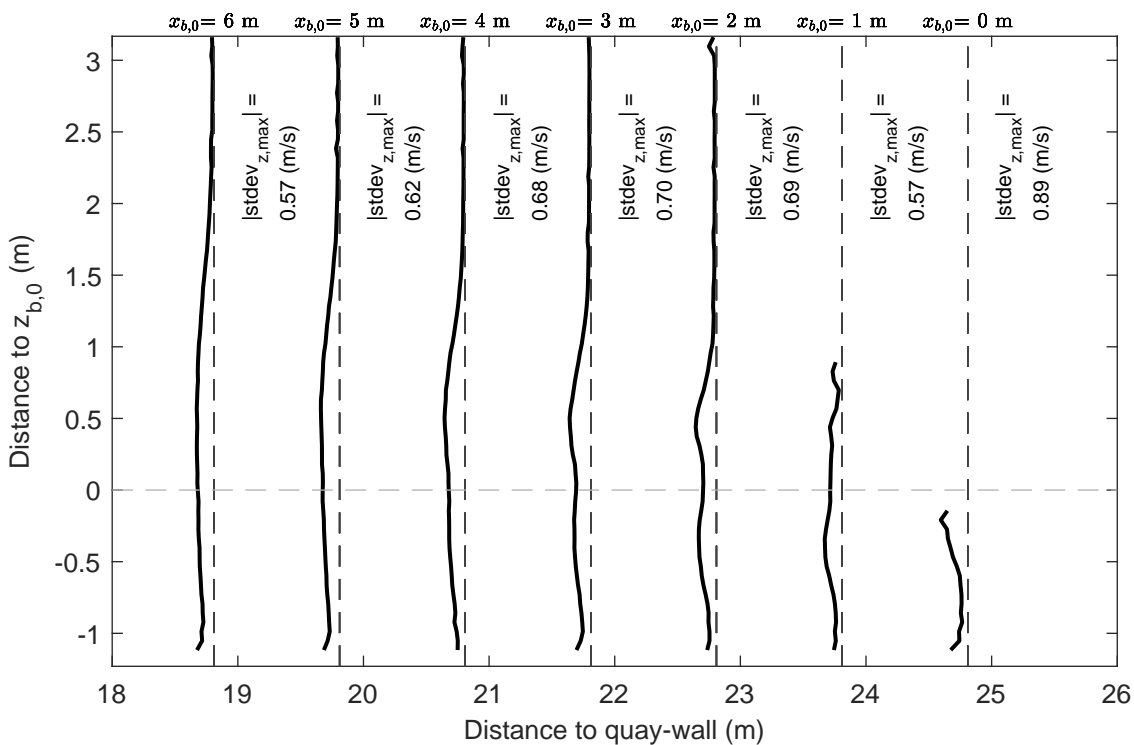
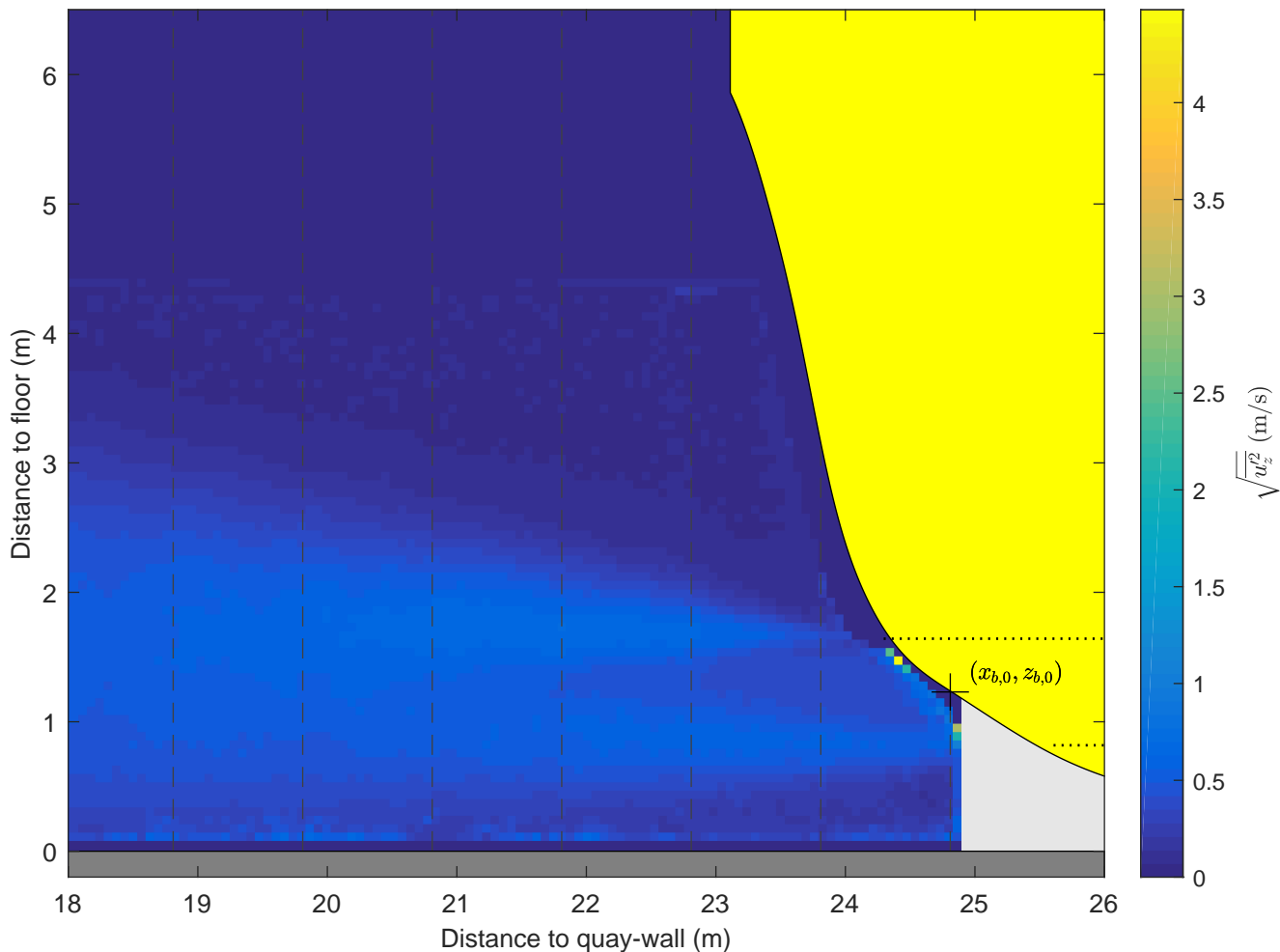
Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 23.1$ m, $\Delta y = 0.0$ m, UKC = 2.4 m, $U_{BT2} = 3.9$ m/s	PIV, FOV3	TKI-SOP
	PIVSOP017	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 23.1$ m, $\Delta y = 0.0$ m, UKC = 0.5 m, $U_{\text{BT2}} = 2.6$ m/s	PIV, FOV3	TKI-SOP
	PIVSOP020	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 23.1$  m,  $\Delta y = 0.0$  m, UKC = 0.5 m,  $U_{BT2} = 3.8$  m/s

PIV, FOV3

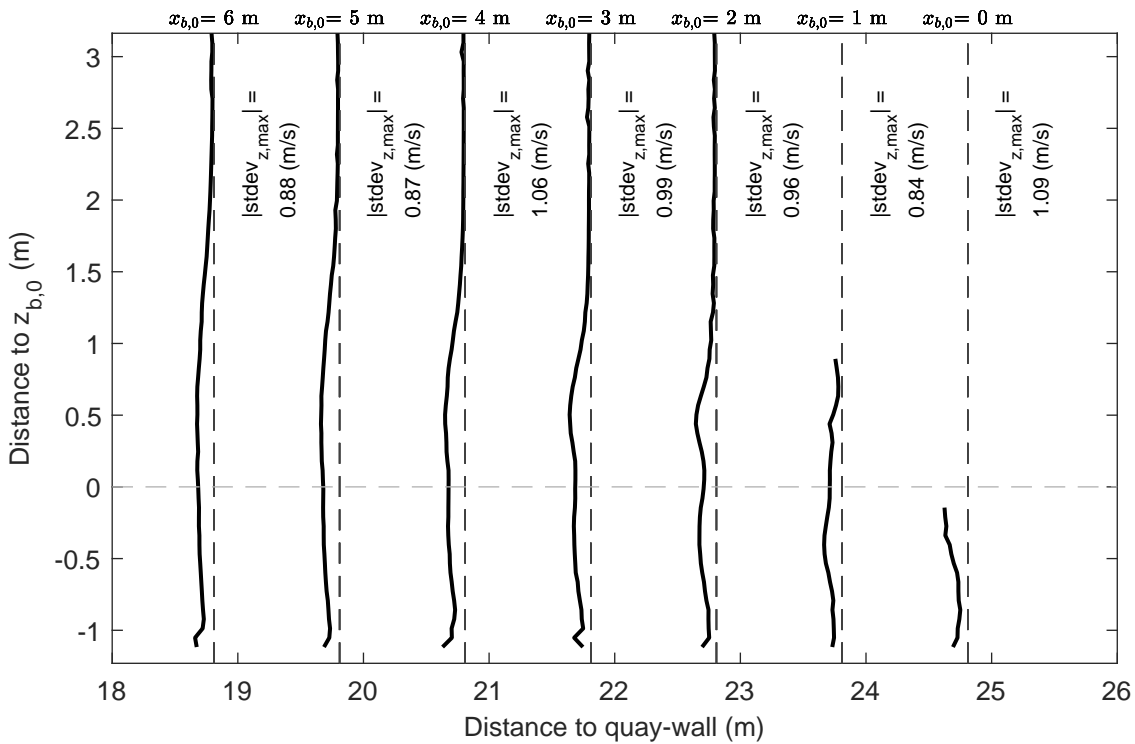
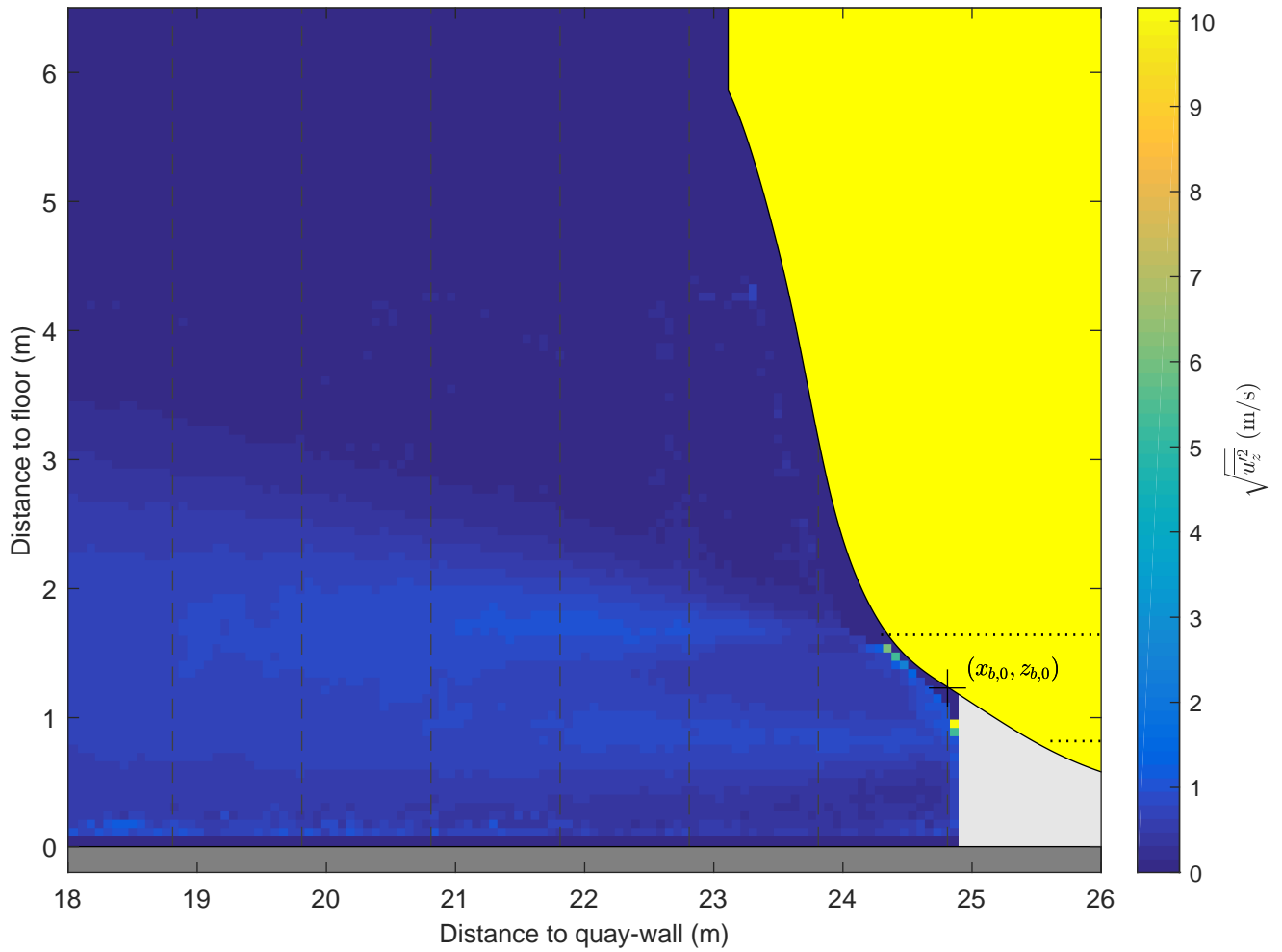
TKI-SOP

PIVSOP023

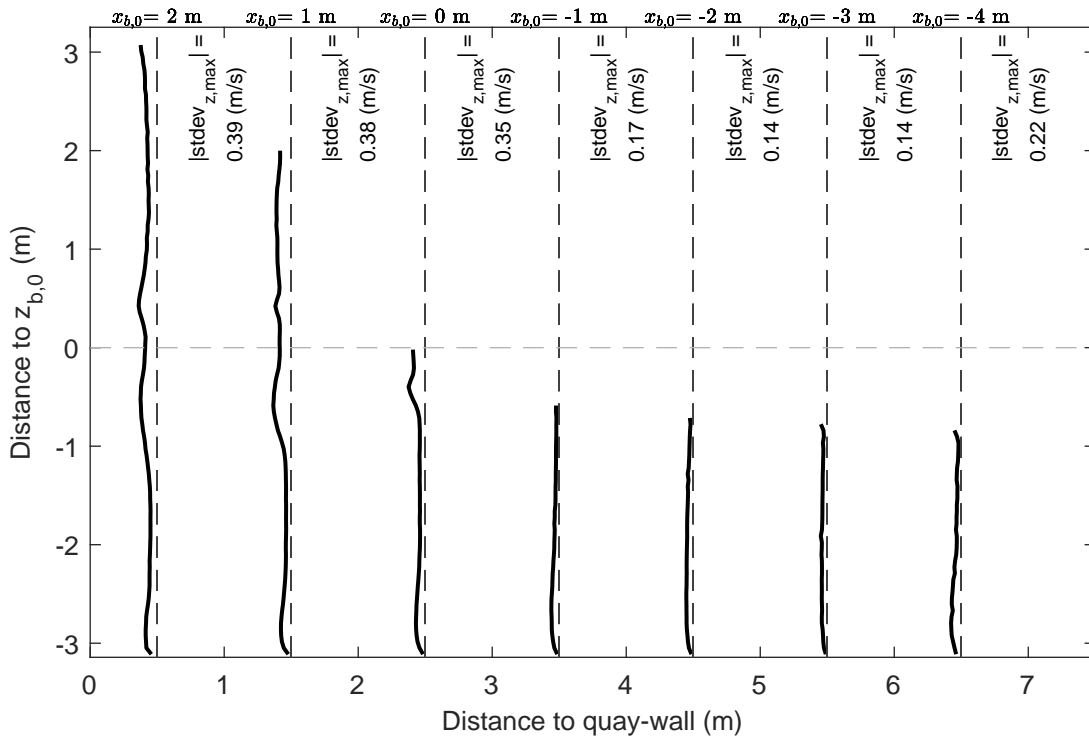
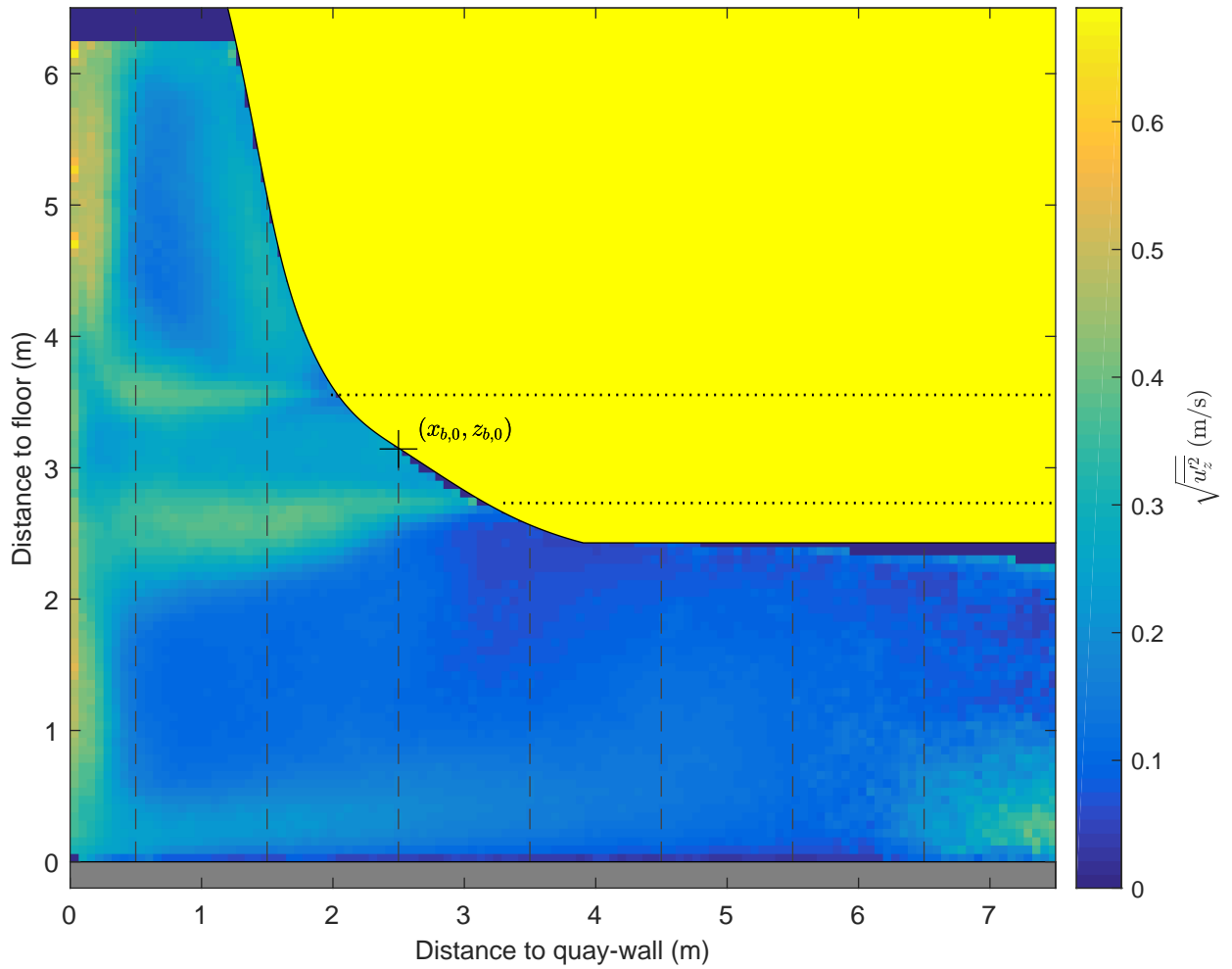
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 23.1$ m, $\Delta y = 0.0$ m, UKC = 0.5 m, $U_{\text{BT2}} = 5.3$ m/s	PIV, FOV3	TKI-SOP
	PIVSOP026	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.6$  m/s

PIV, FOV1

TKI-SOP

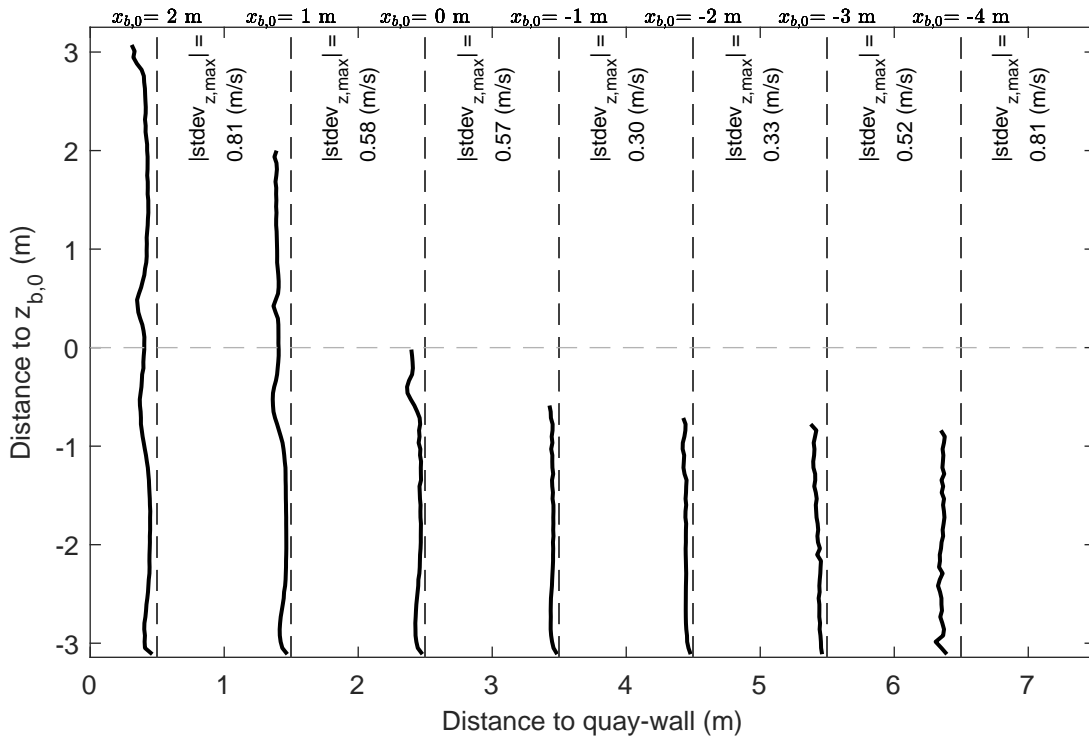
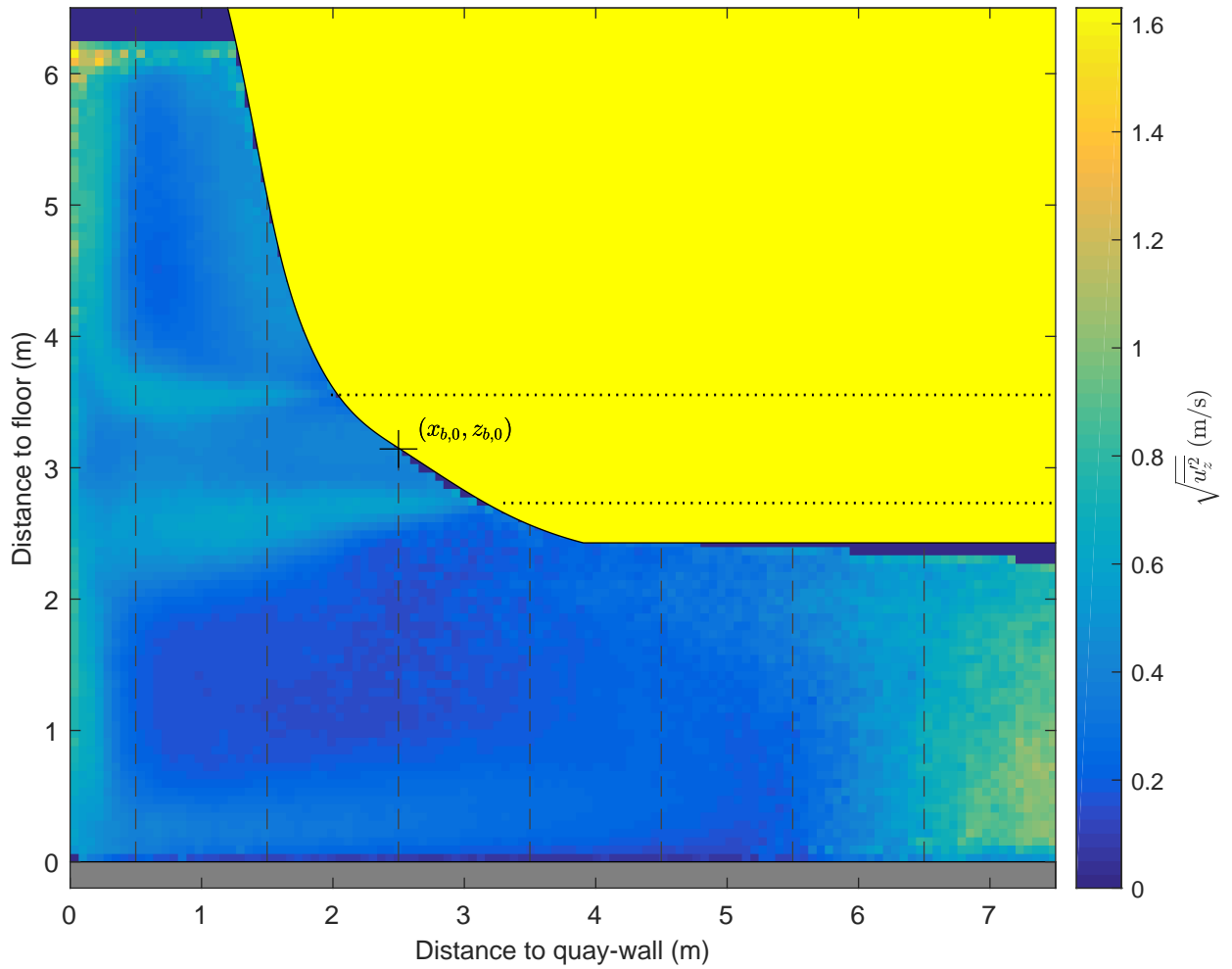
PIVSOP029

**Deltares**

11206641

Fig. G





Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 3.9$  m/s

PIV, FOV1

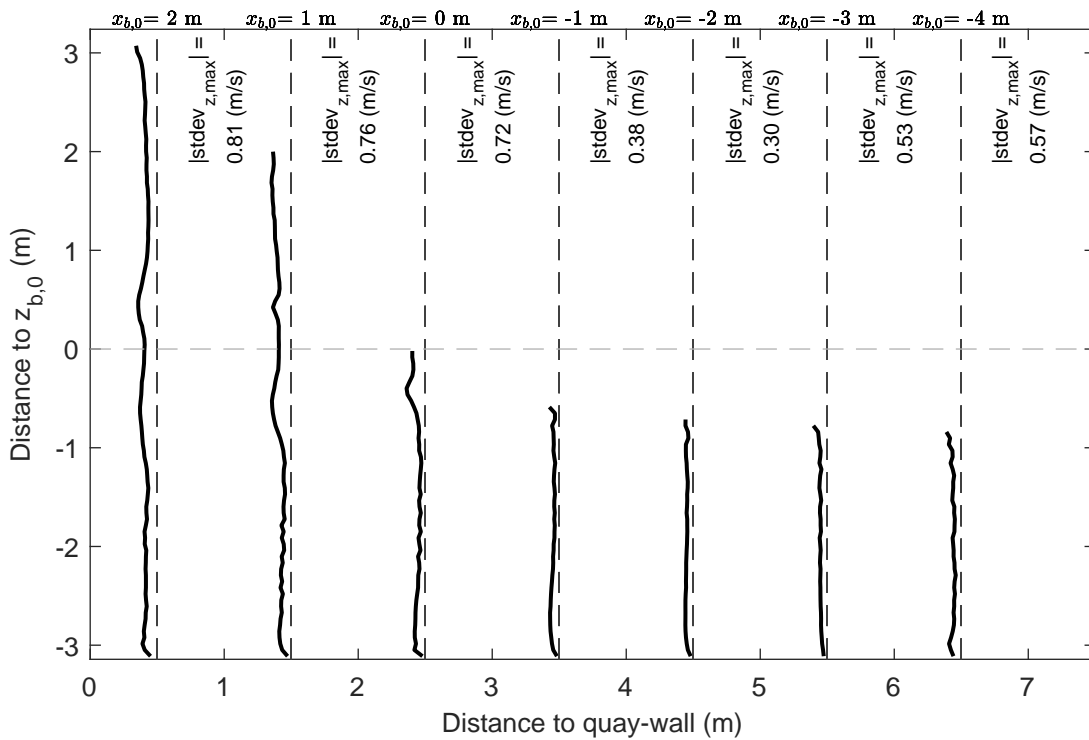
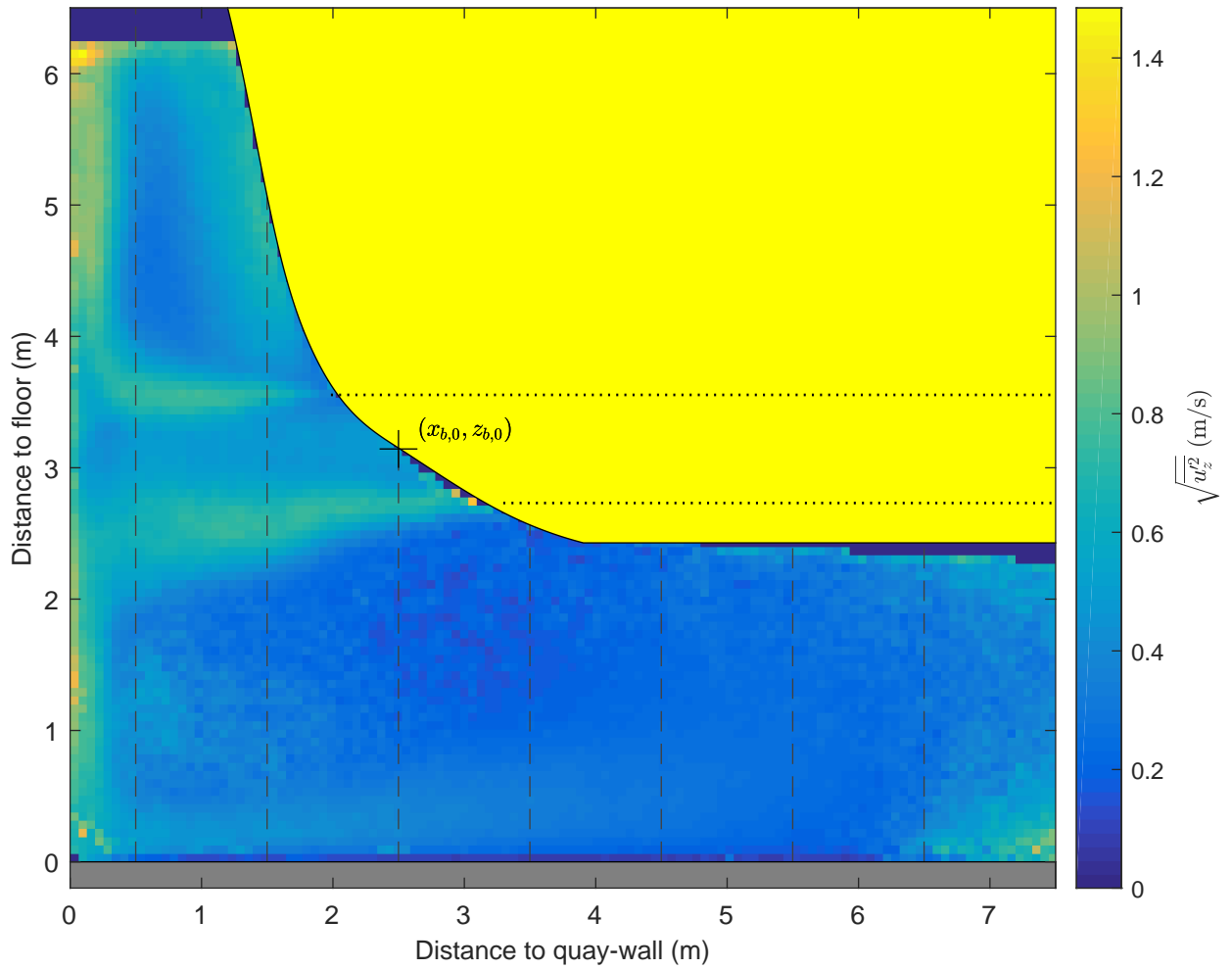
TKI-SOP

PIVSOP032

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2  
 $\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

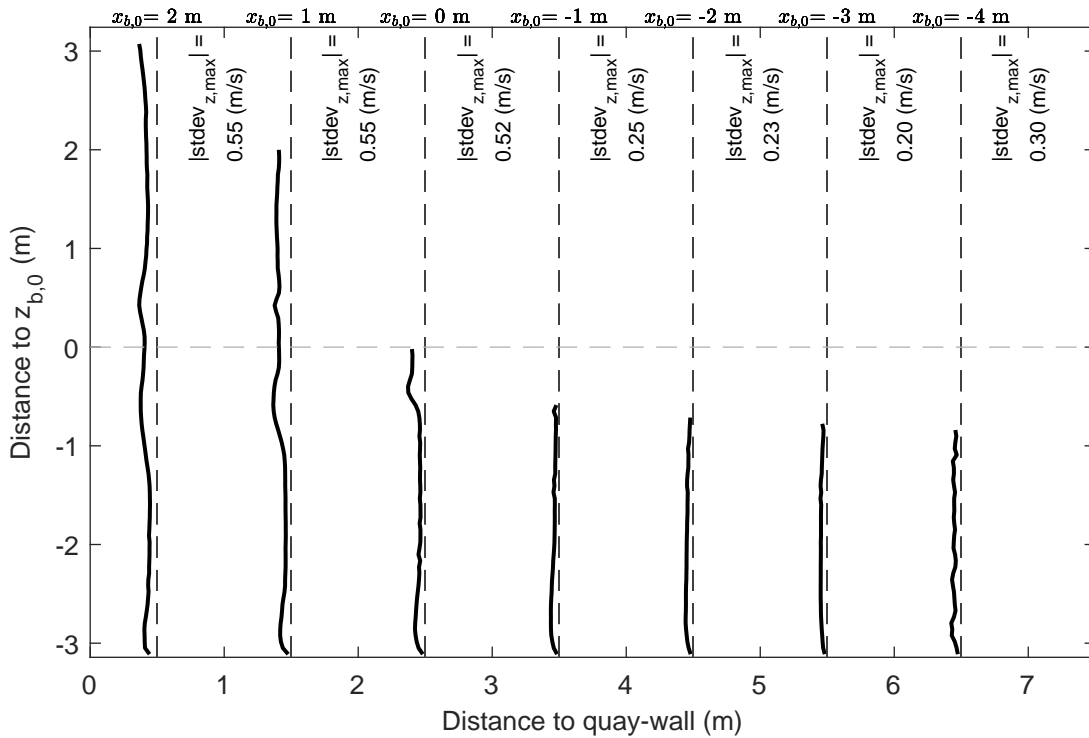
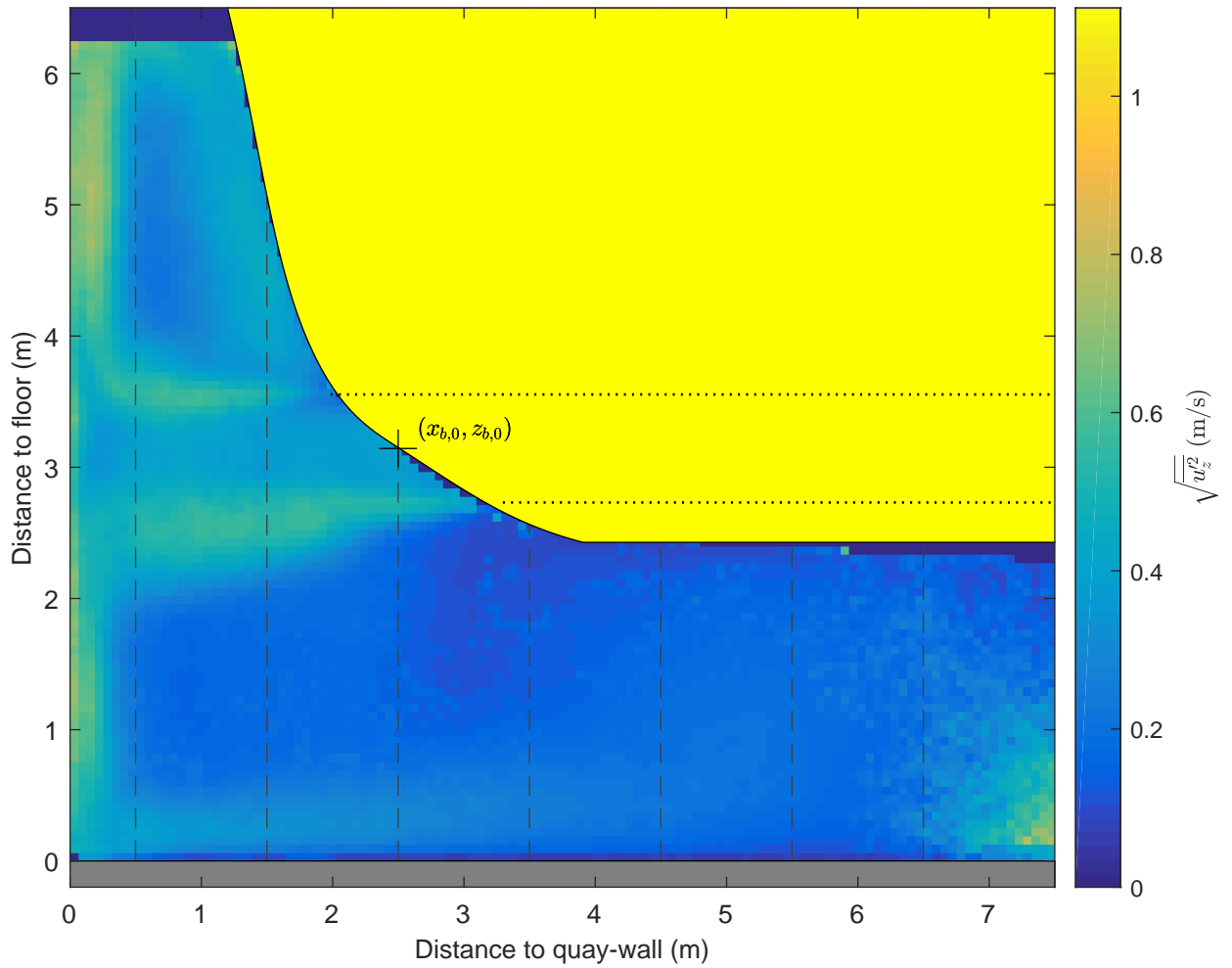
TKI-SOP

PIVSOP037

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 3.7$  m/s

PIV, FOV1

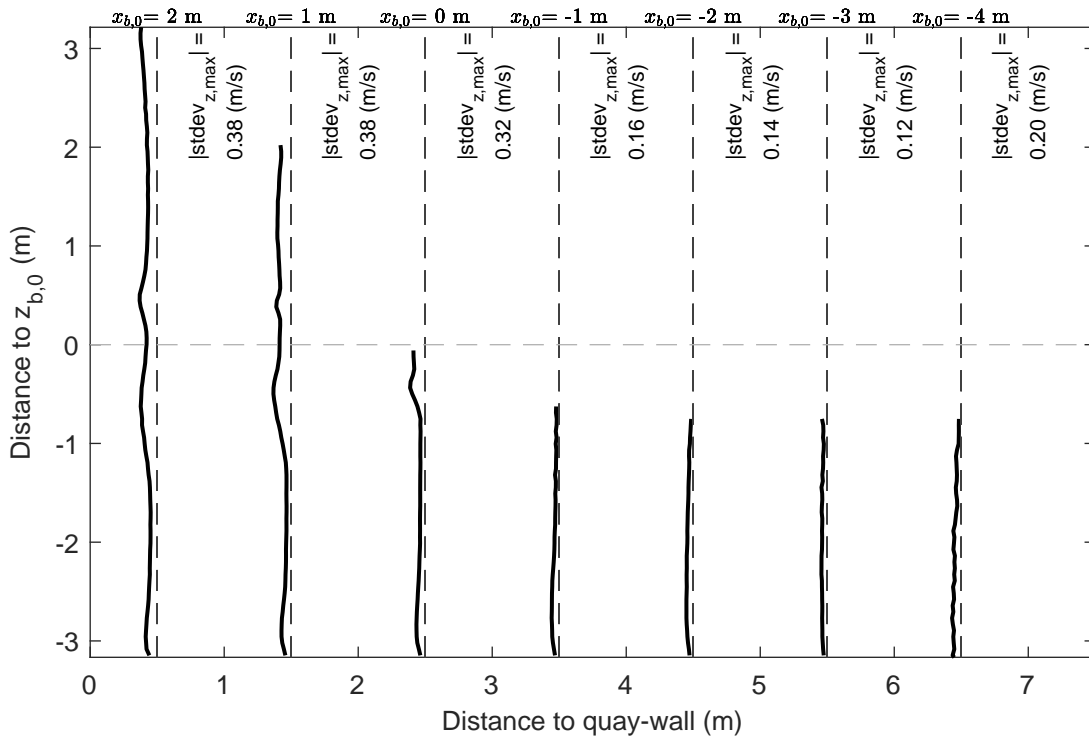
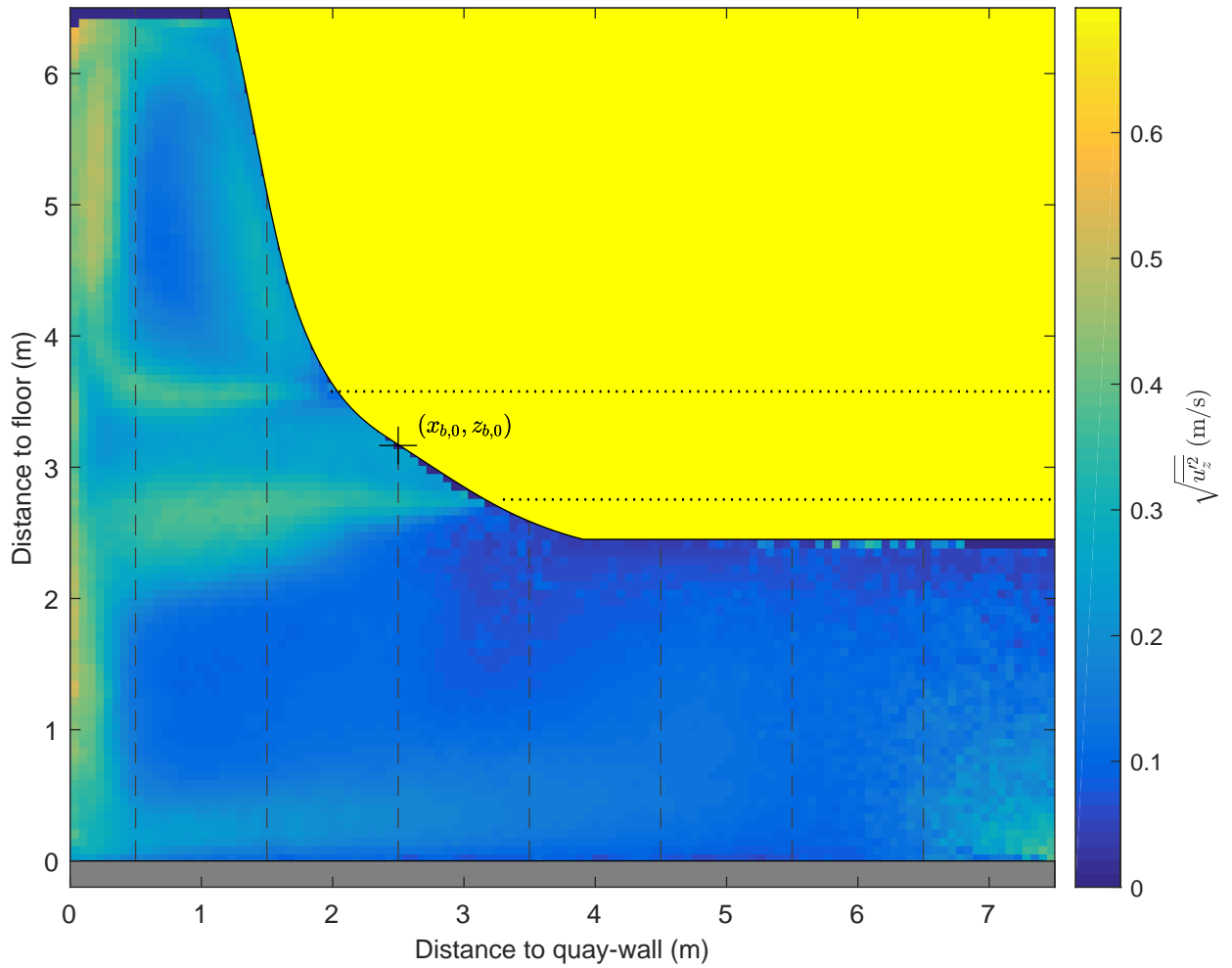
TKI-SOP

PIVSOP040

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.6$  m/s

PIV, FOV1

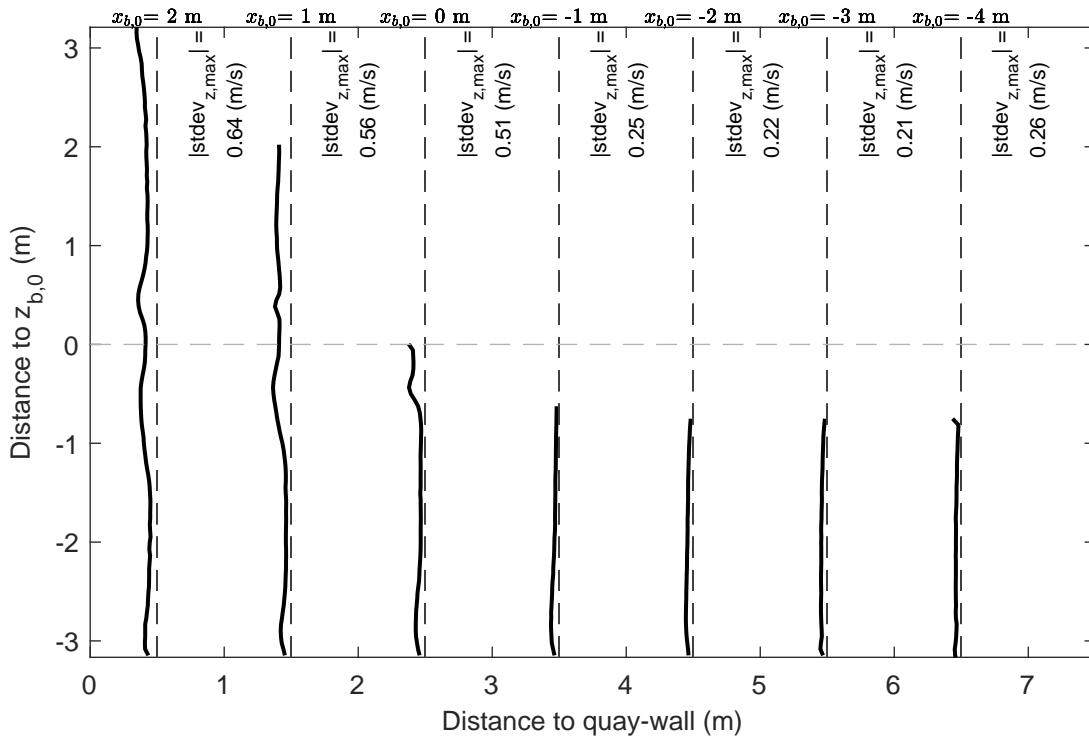
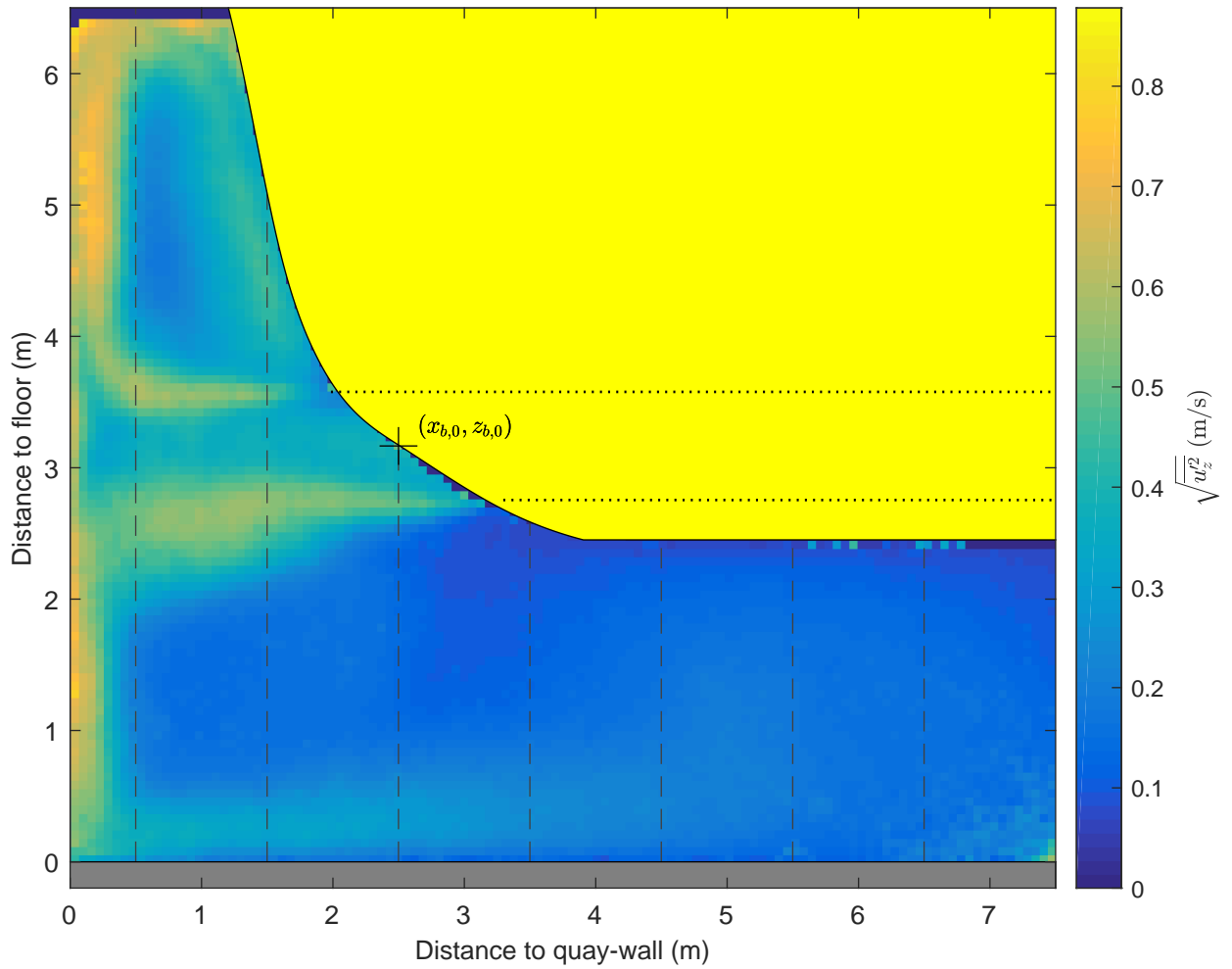
TKI-SOP

PIVSOP052

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 3.8$  m/s

PIV, FOV1

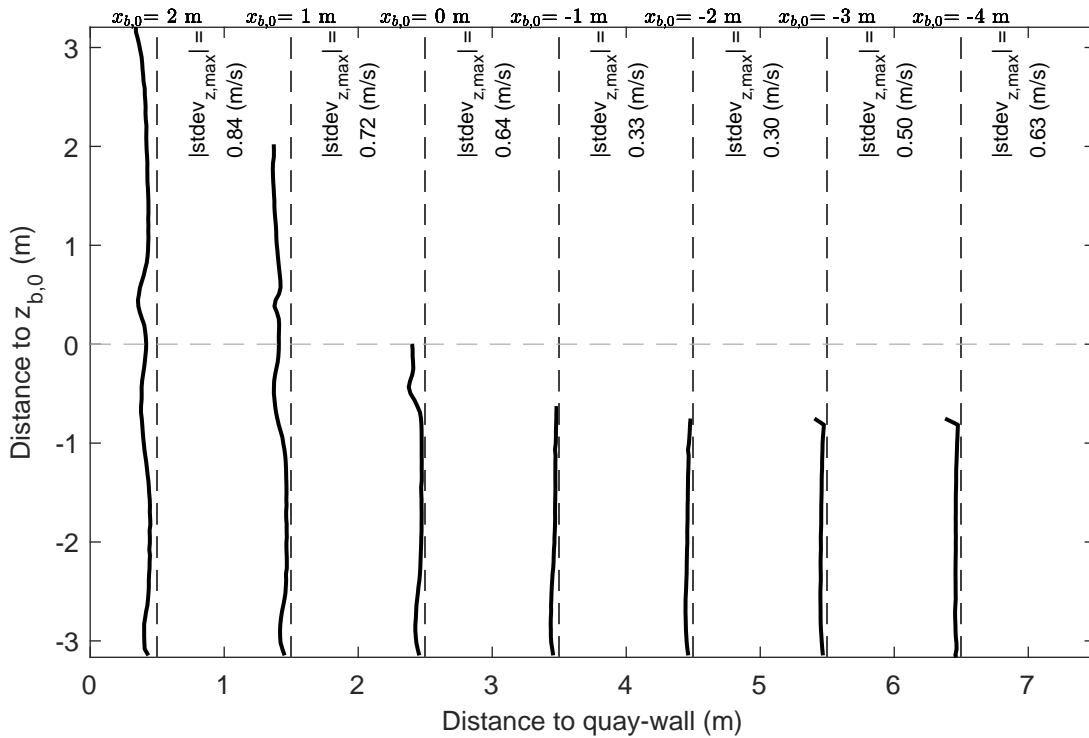
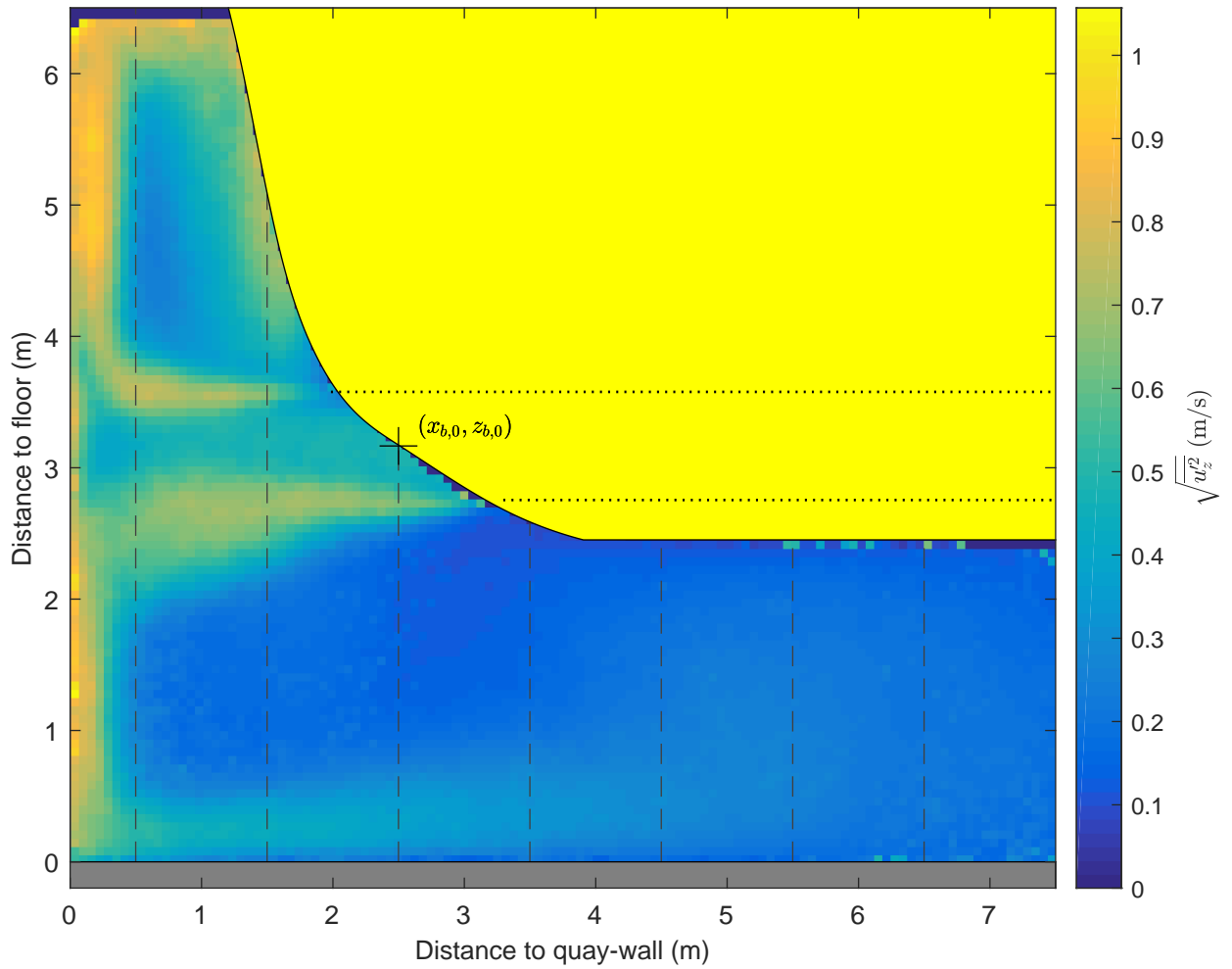
TKI-SOP

PIVSOP055

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 4.8$  m/s

PIV, FOV1

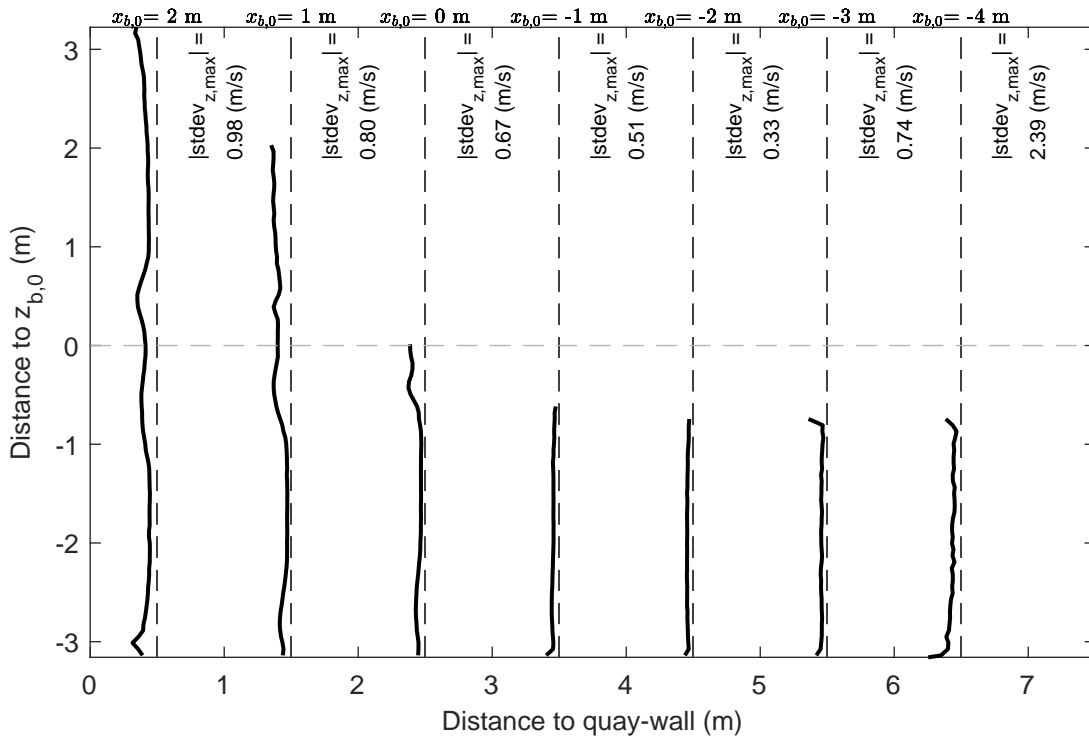
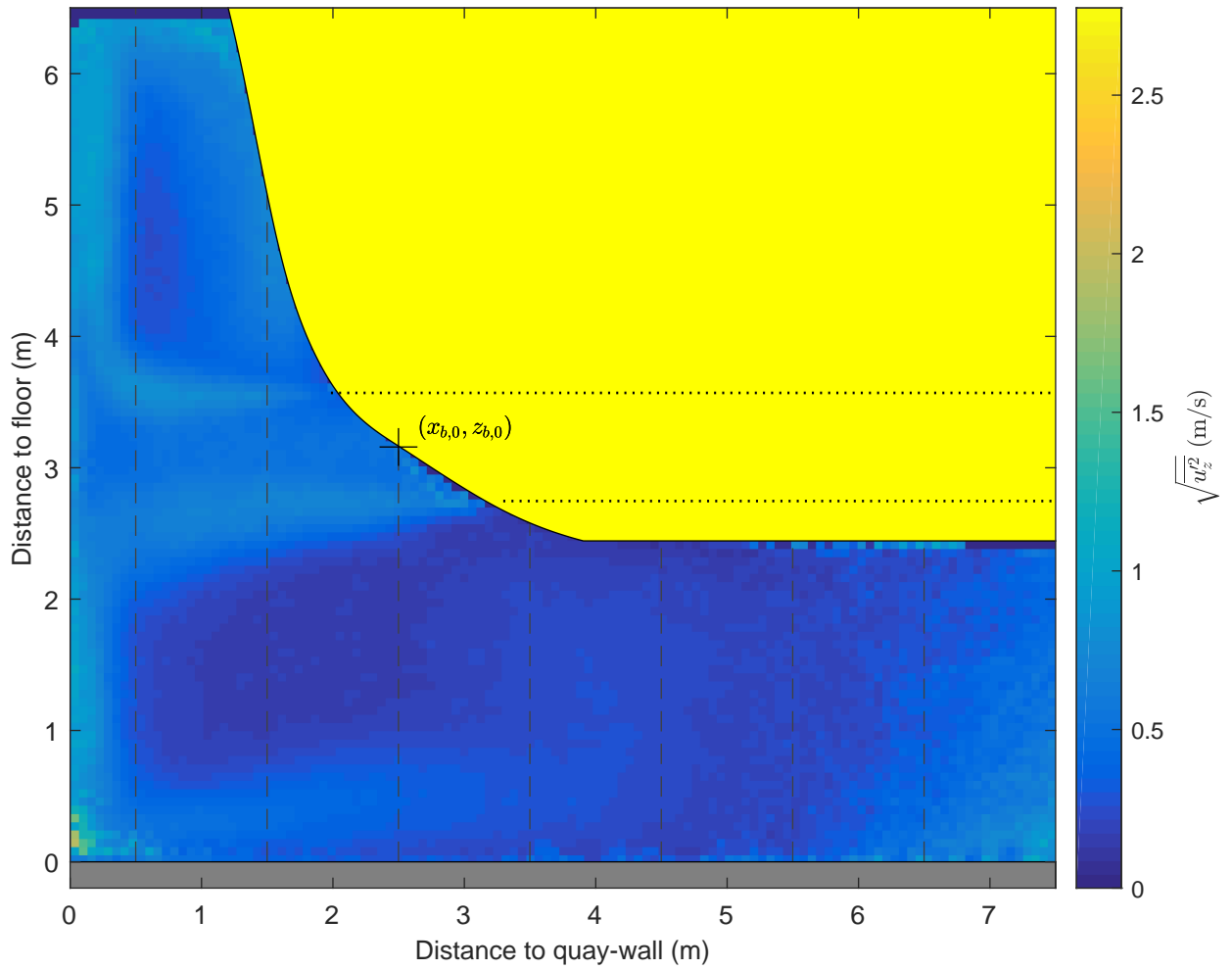
TKI-SOP

PIVSOP057

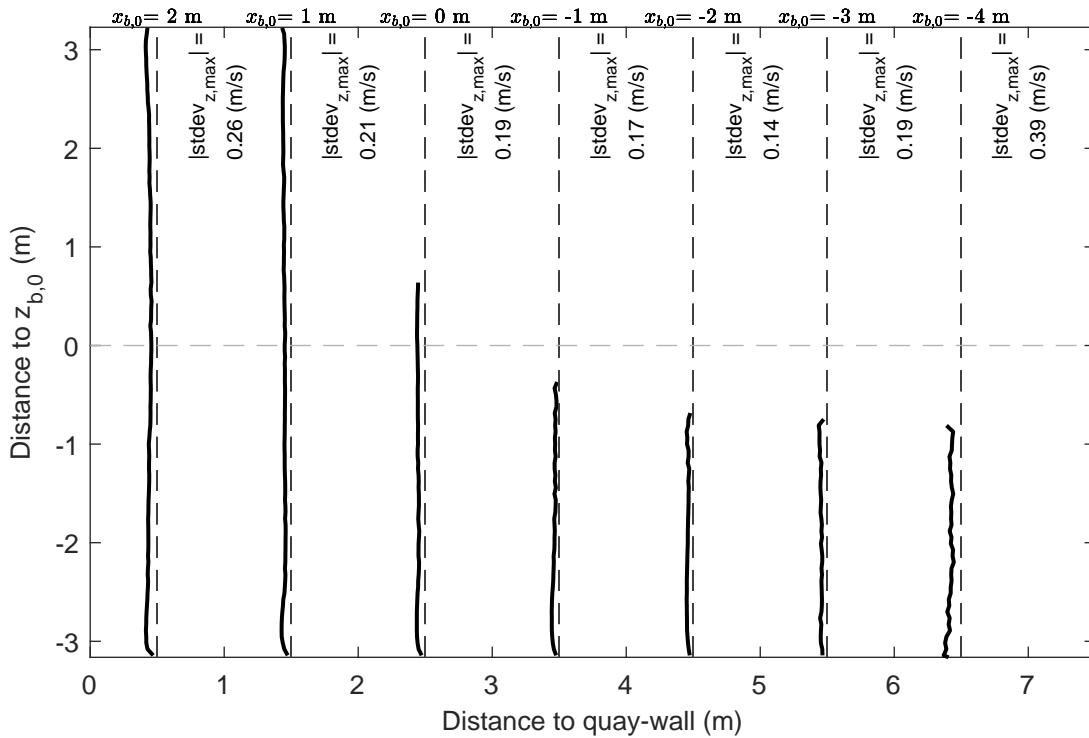
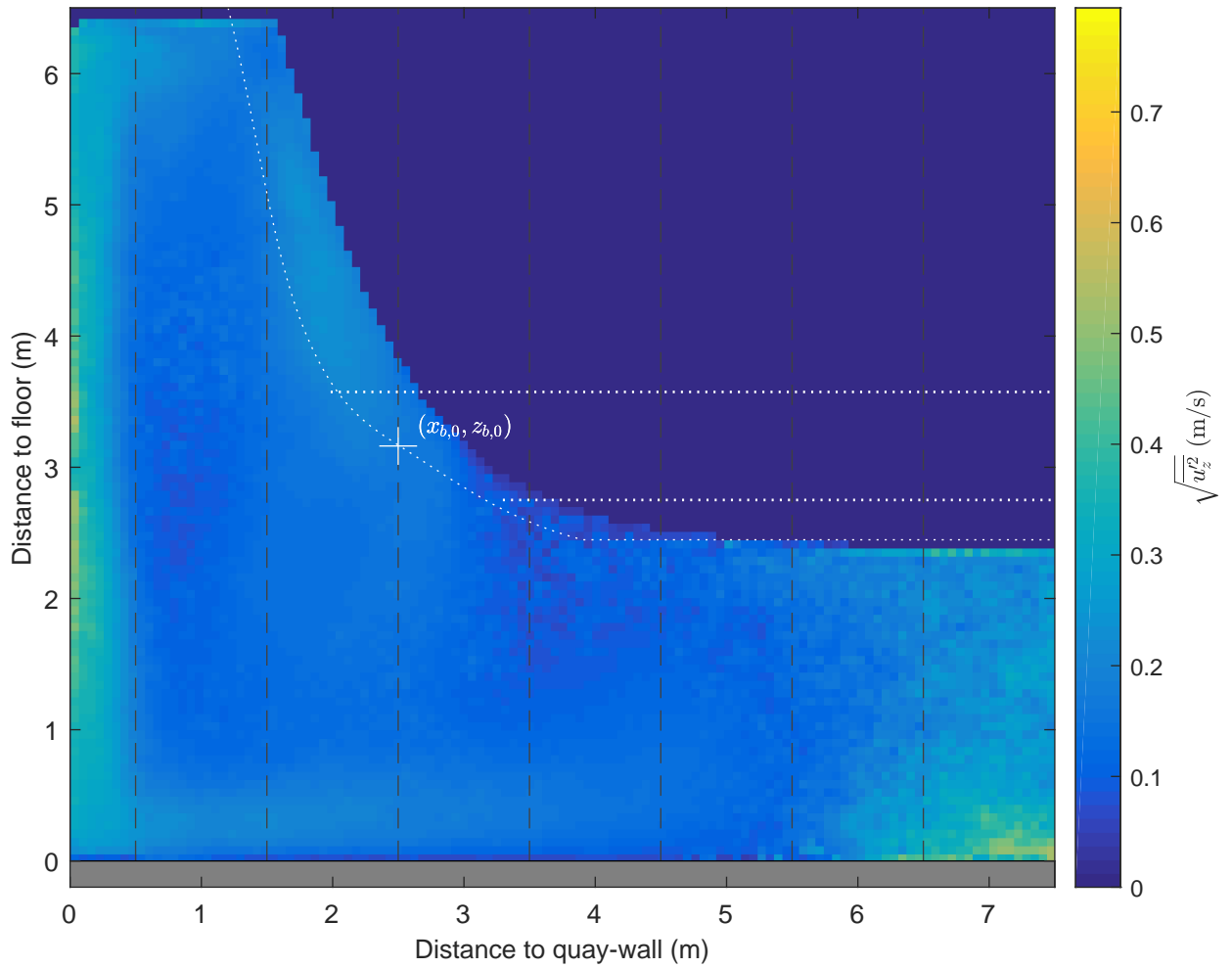
**Deltares**

11206641

Fig. G

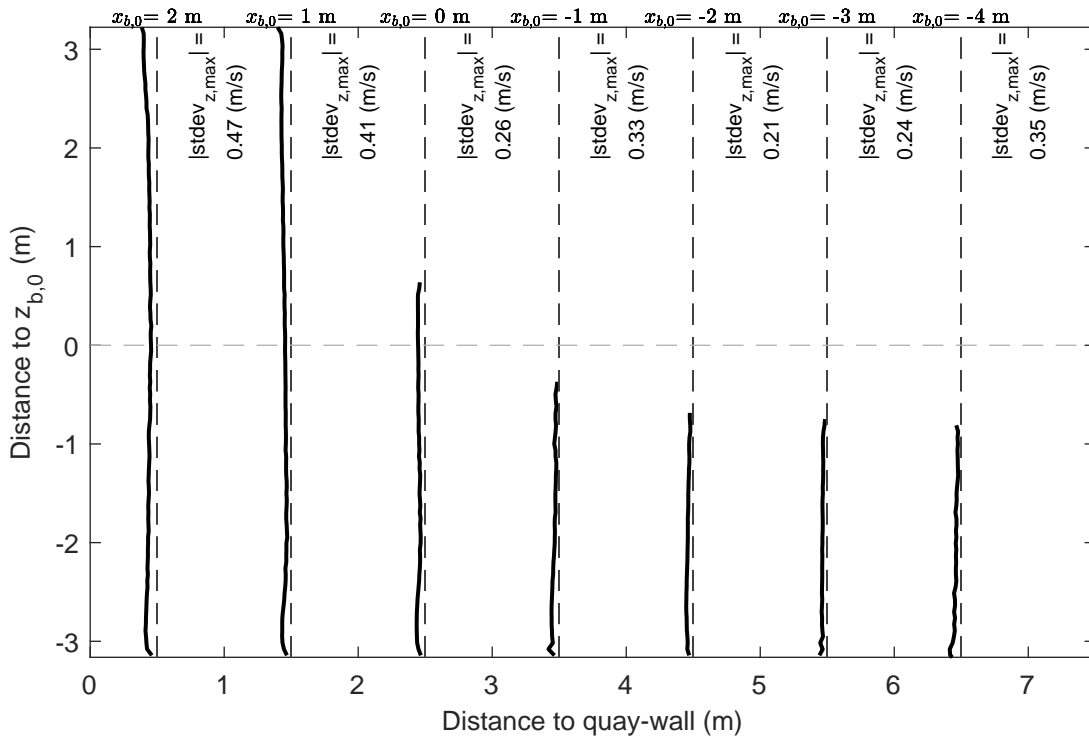
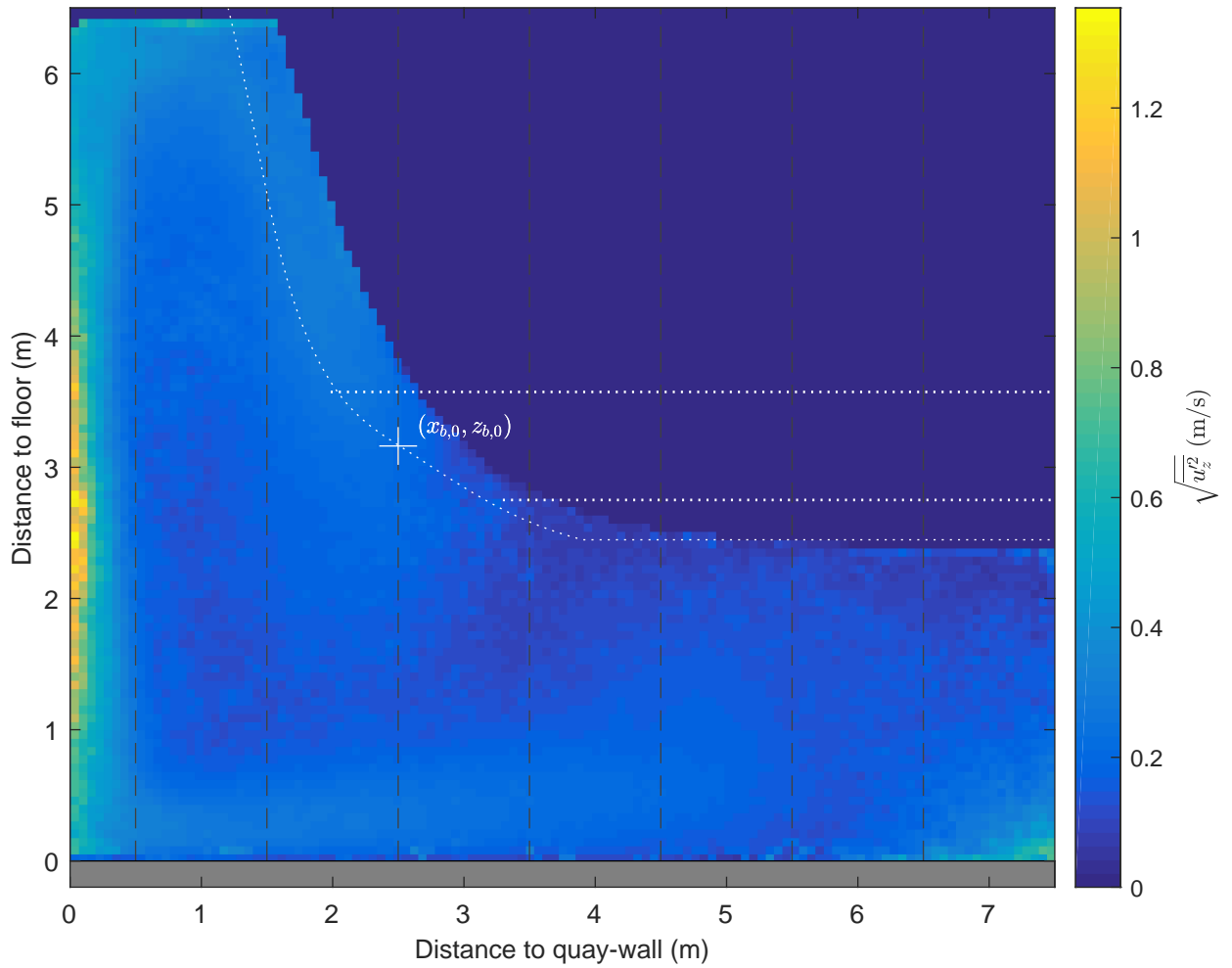


Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 0.0 \text{ m}$ , UKC = 2.4 m, $U_{BT2} = 4.9 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP060	
<b>Deltares</b>	11206641	Fig. G

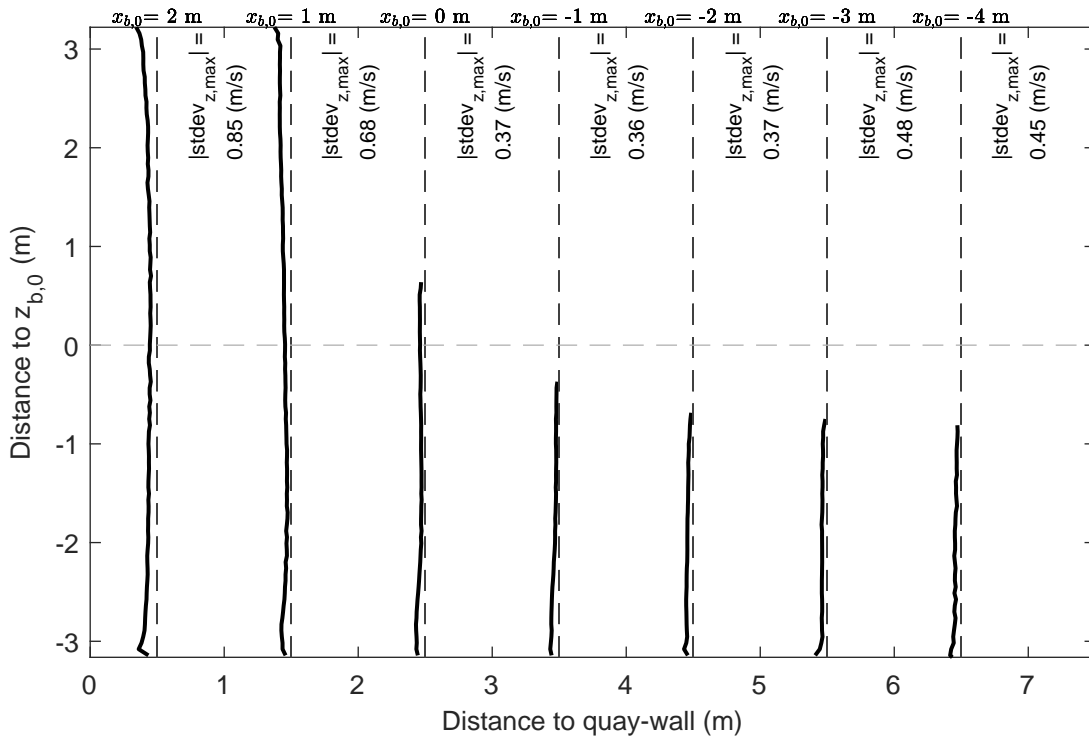
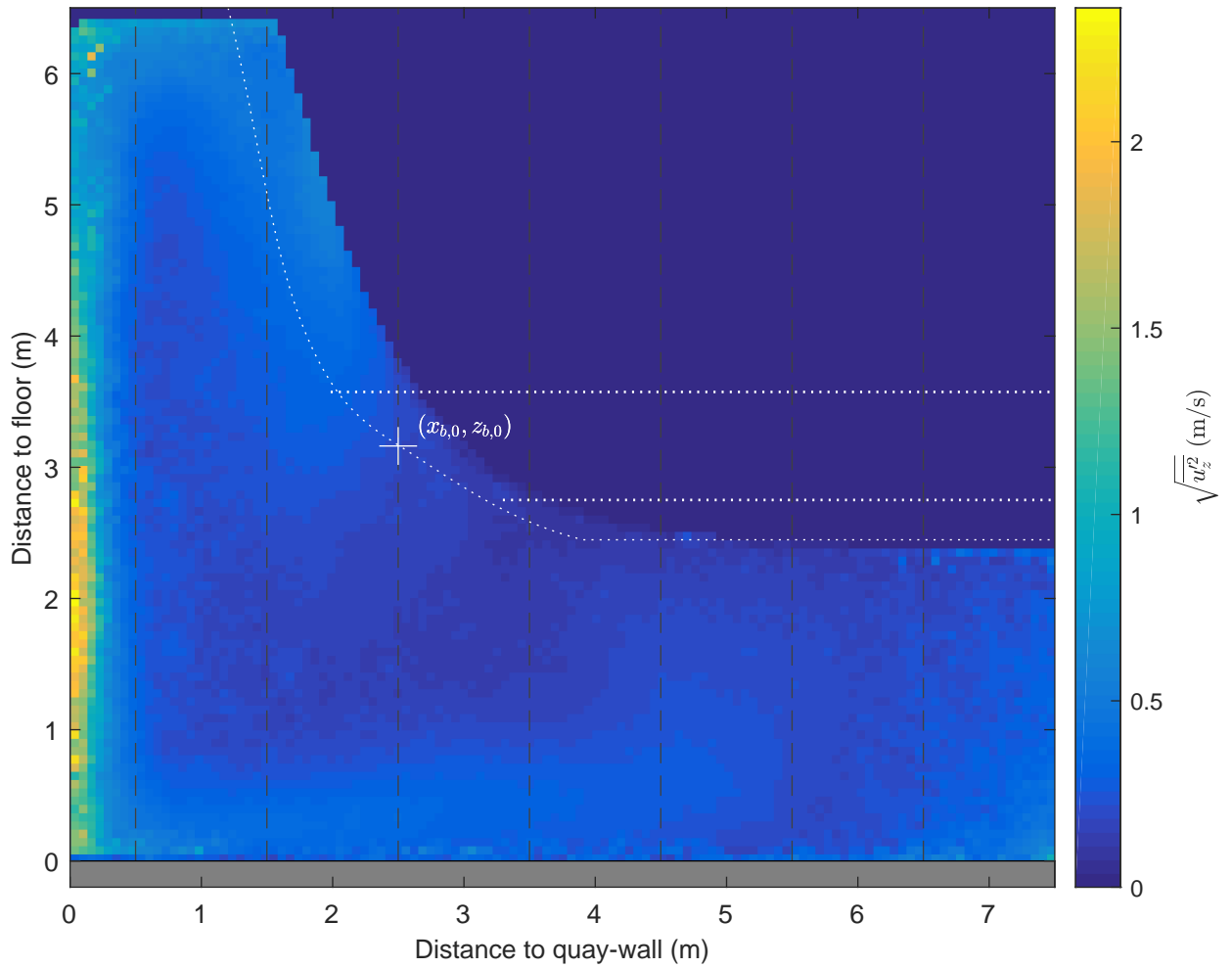


Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = 2.0$ m, UKC = 2.4 m, $U_{BT2} = 2.7$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP063	
<b>Deltares</b>	11206641	Fig. G





Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = 2.0$ m, UKC = 2.4 m, $U_{BT2} = 3.8$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP065	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 2.4 m,  $U_{BT2} = 4.9$  m/s

PIV, FOV1

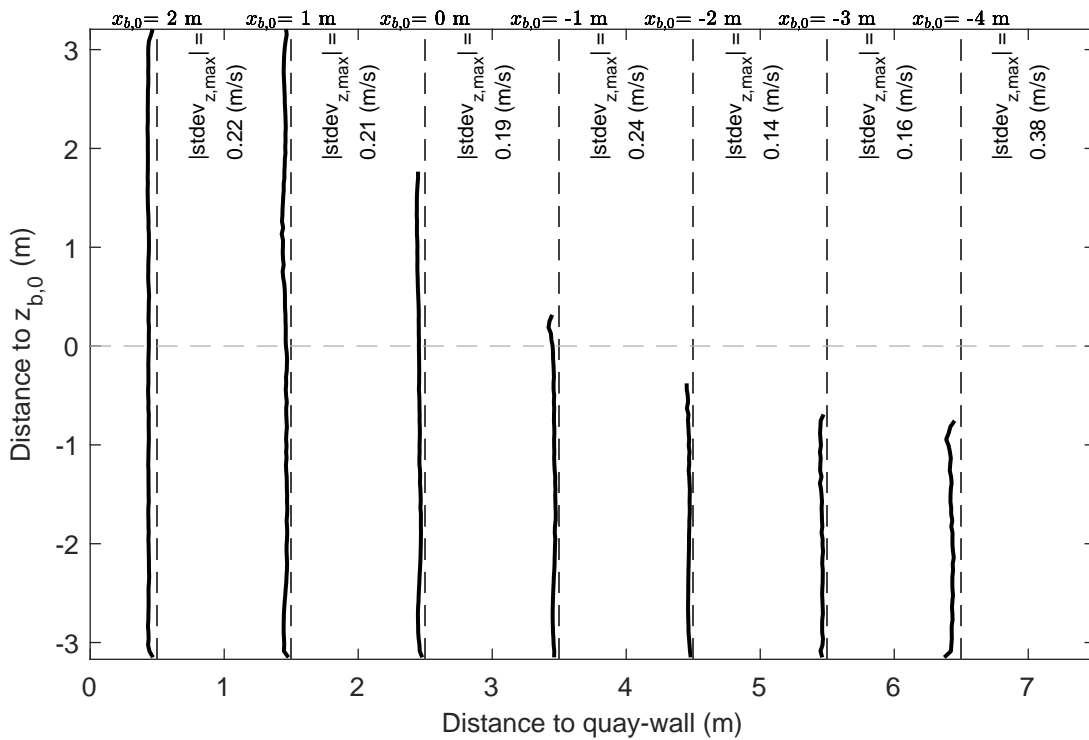
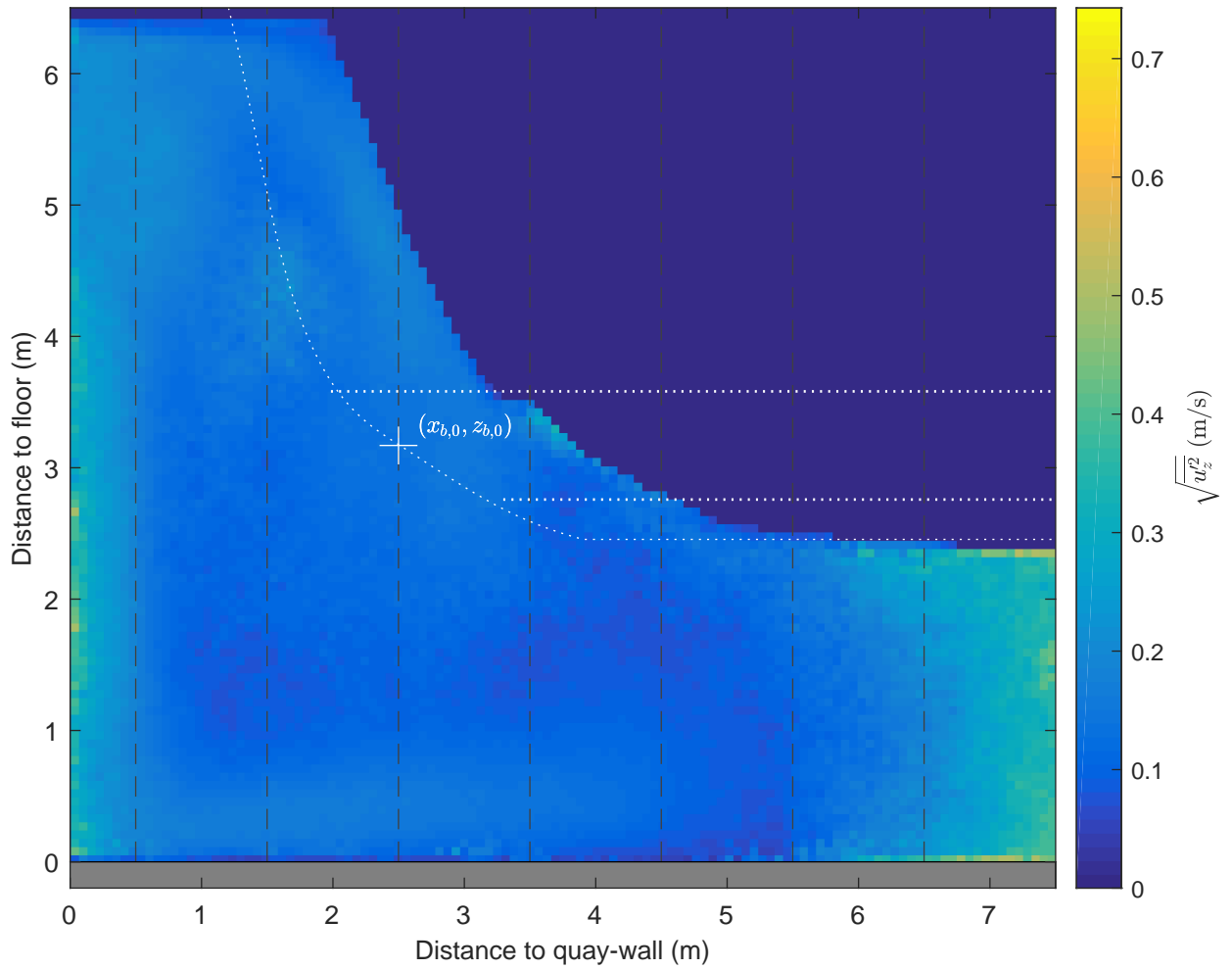
TKI-SOP

PIVSOP067

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.4 m,  $U_{BT2} = 2.8$  m/s

PIV, FOV1

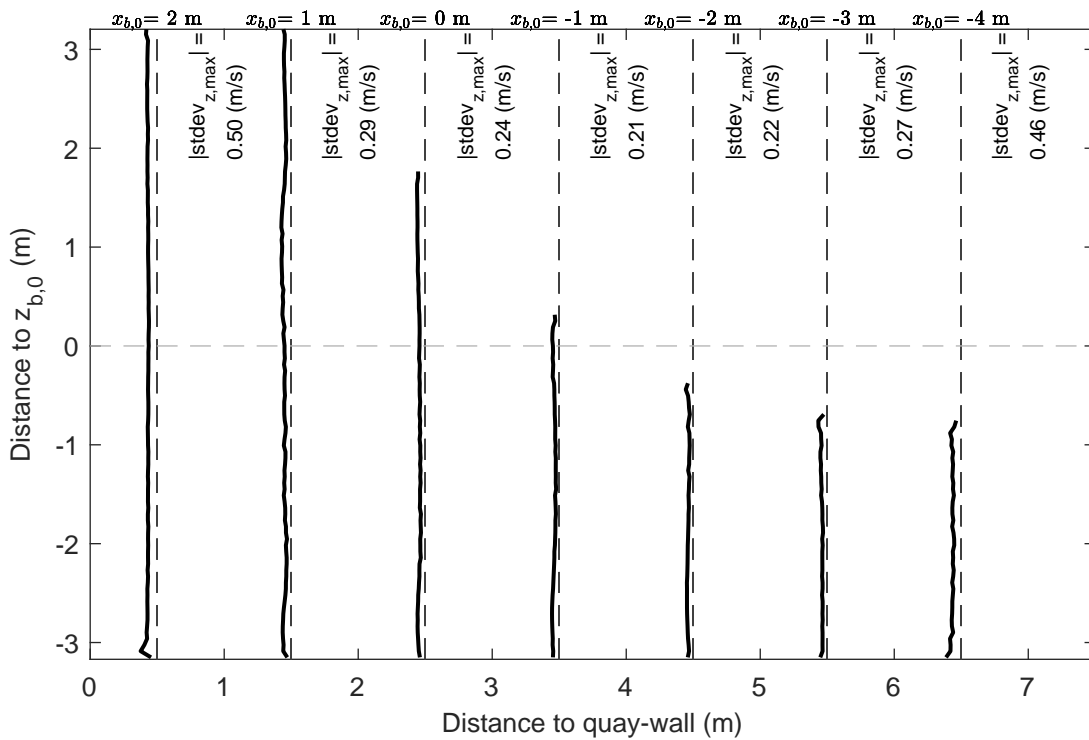
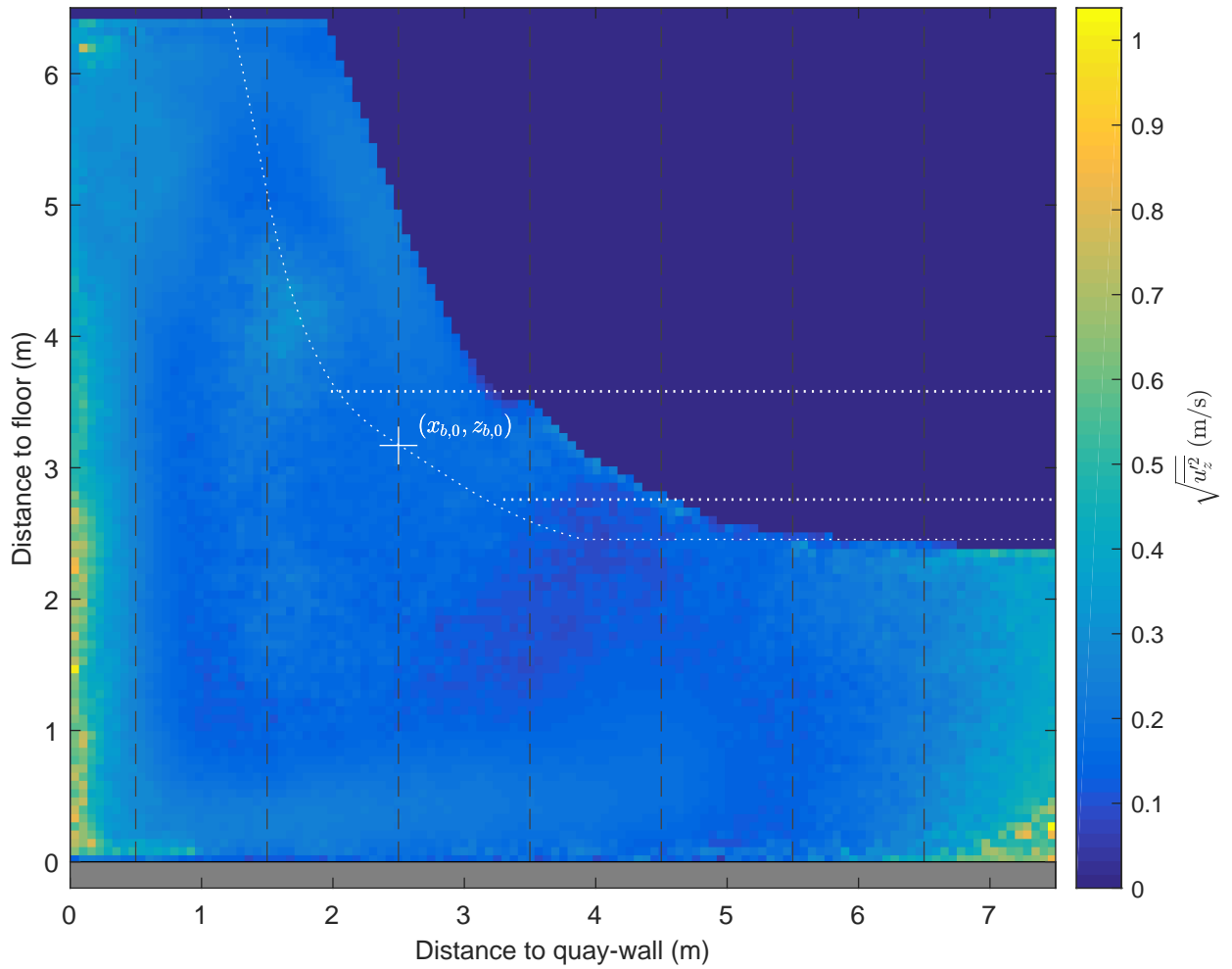
TKI-SOP

PIVSOP070

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.4 m,  $U_{\text{BT2}} = 3.7$  m/s

PIV, FOV1

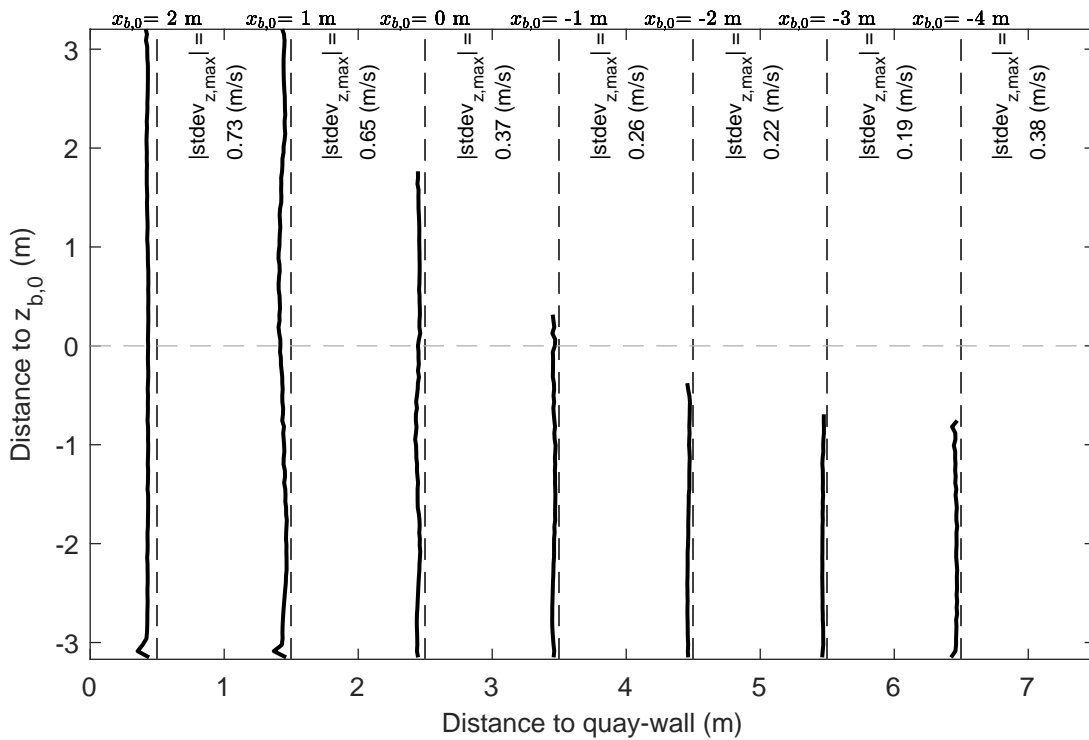
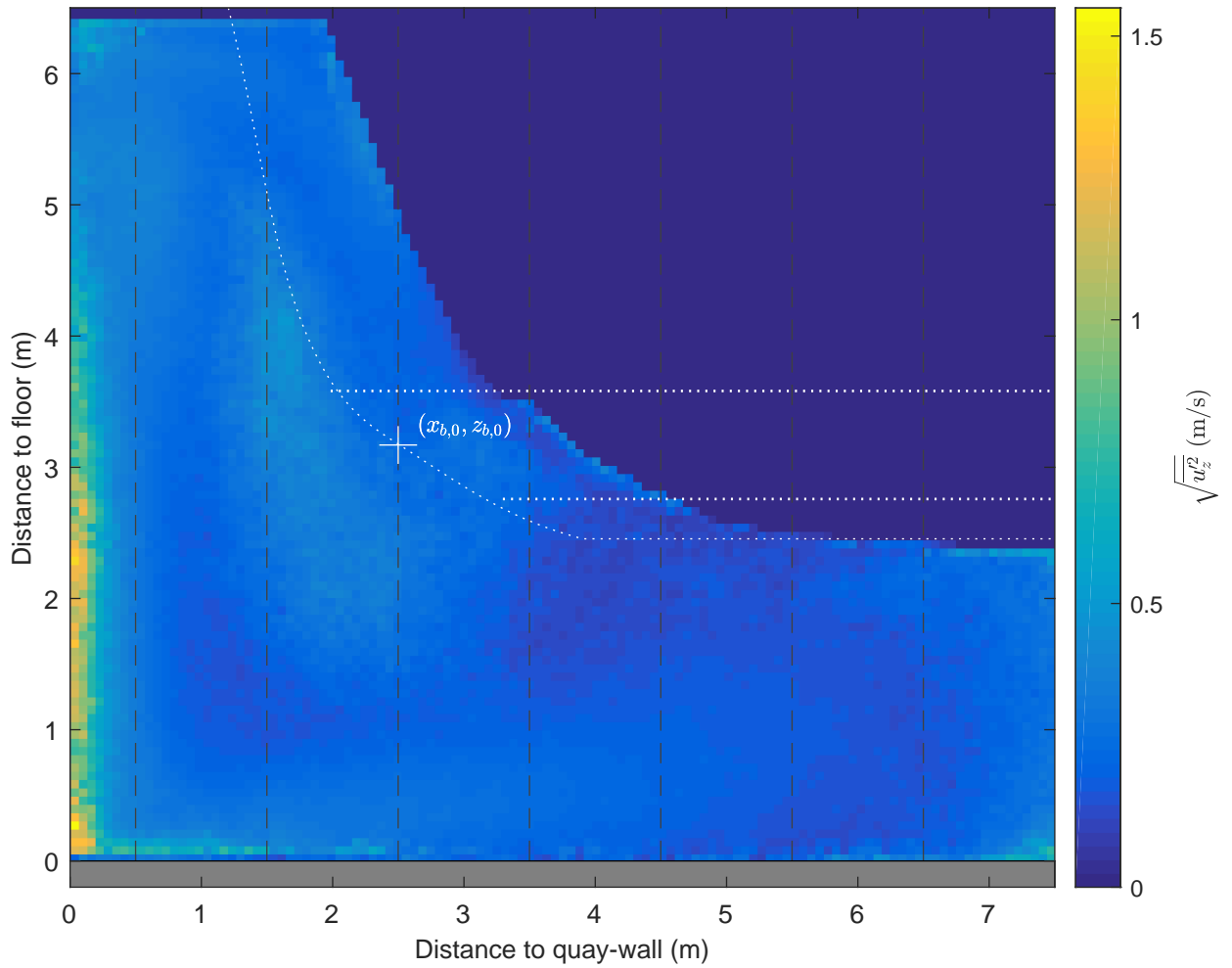
TKI-SOP

PIVSOP072

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2  
 $\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.4 m,  $U_{BT2} = 4.6$  m/s

PIV, FOV1

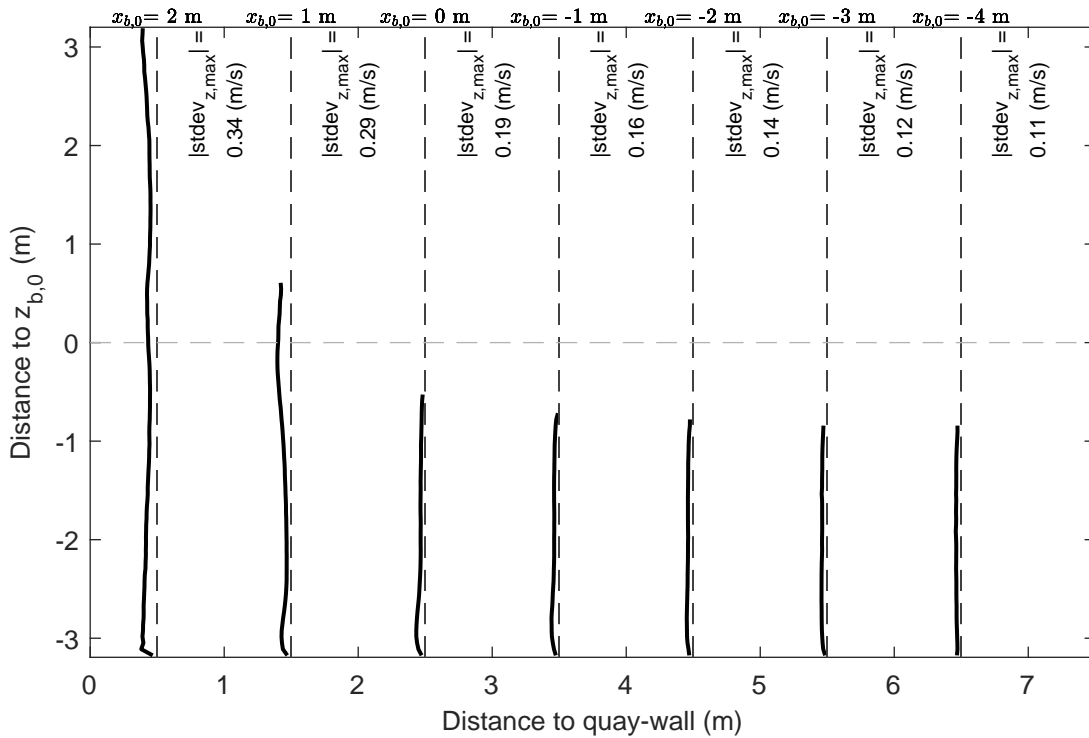
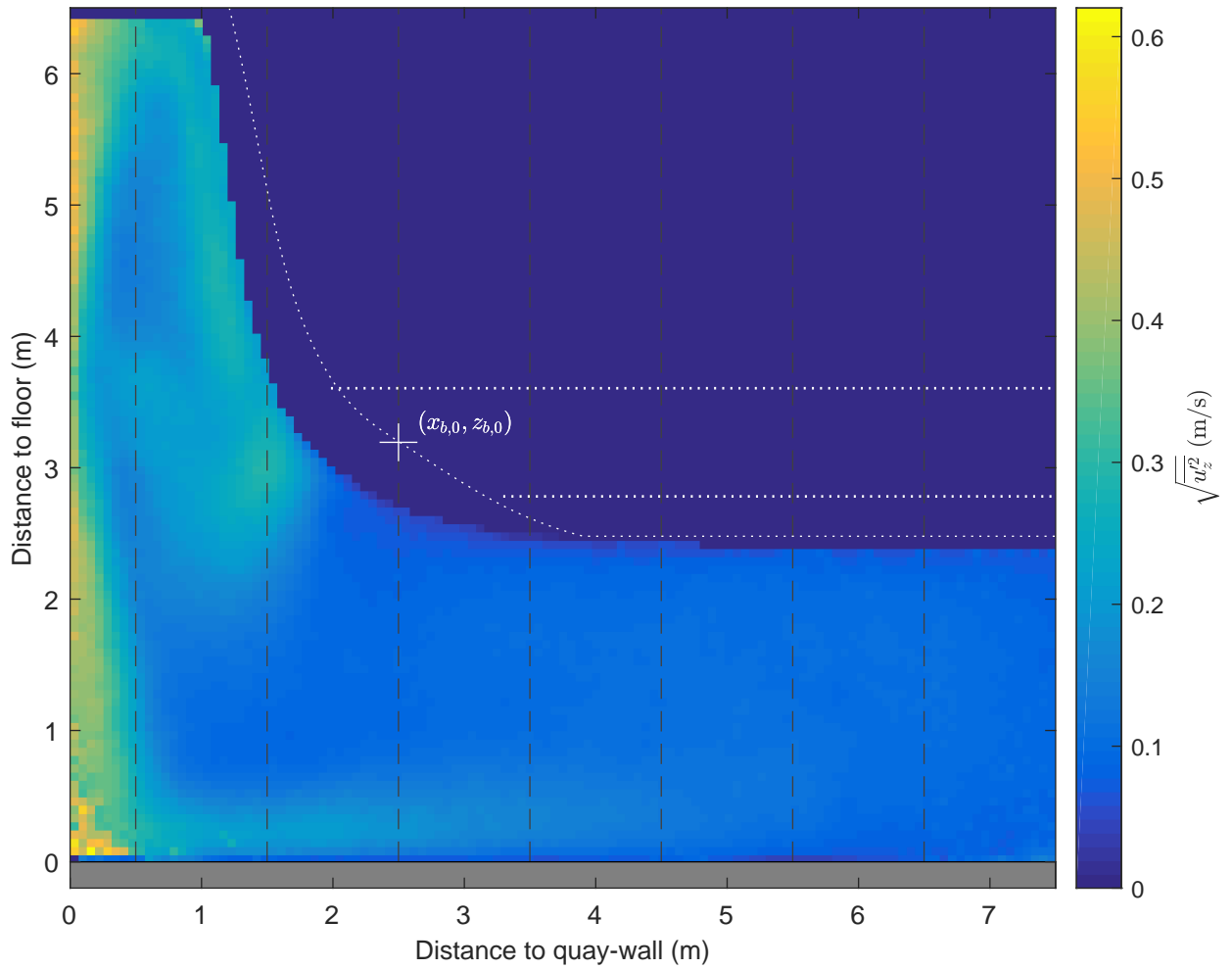
TKI-SOP

PIVSOP074

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{BT2} = 2.6$  m/s

PIV, FOV1

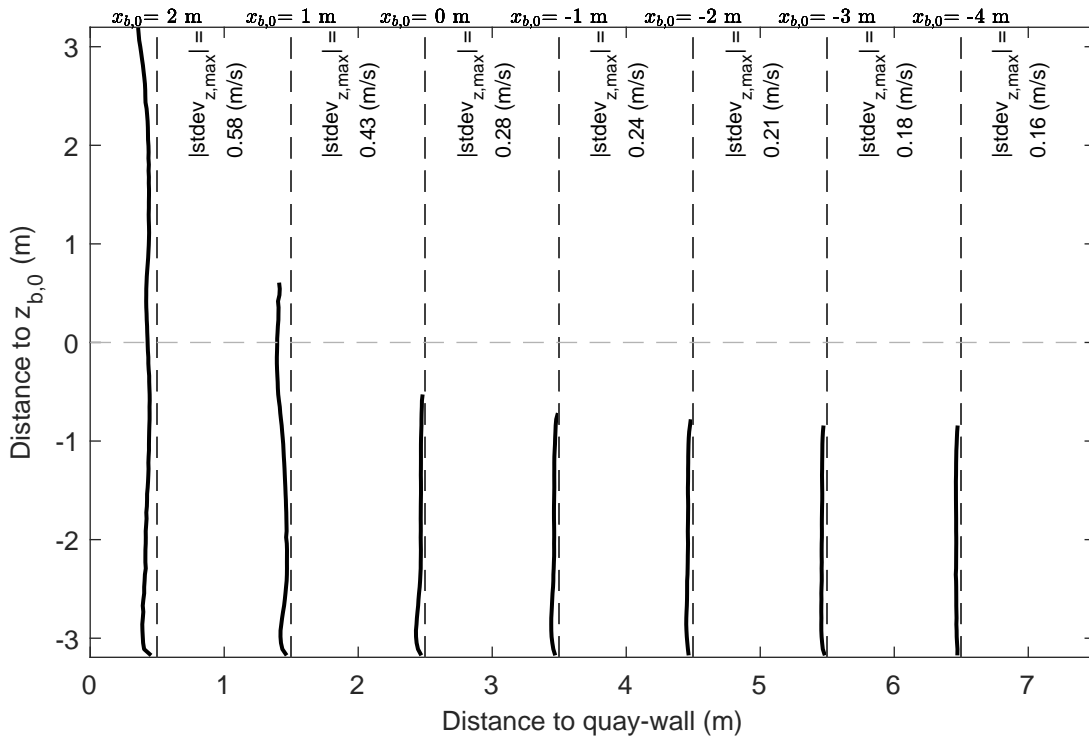
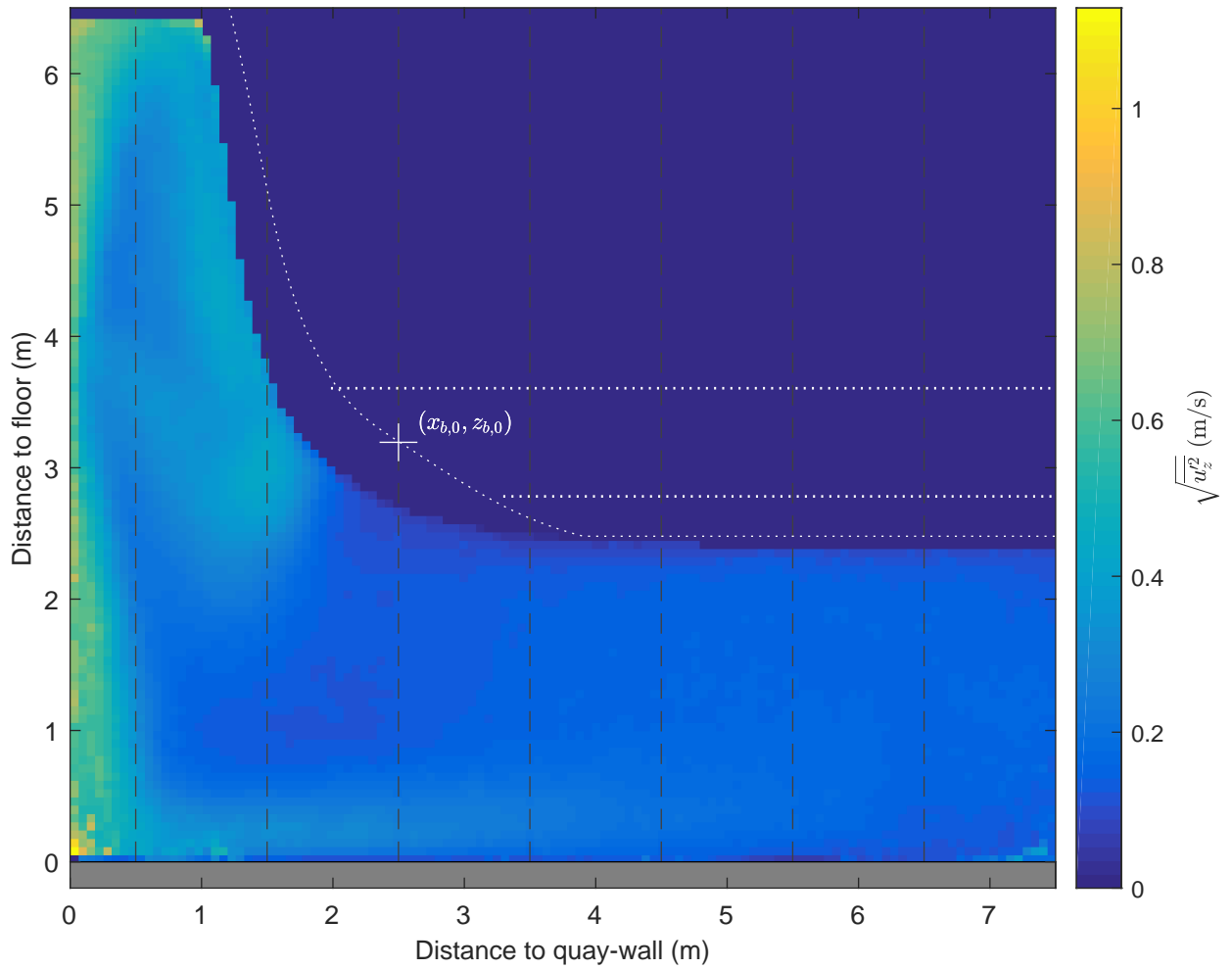
TKI-SOP

PIVSOP077

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2  
 $\Delta x = 0.8$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{BT2} = 3.7$  m/s

PIV, FOV1

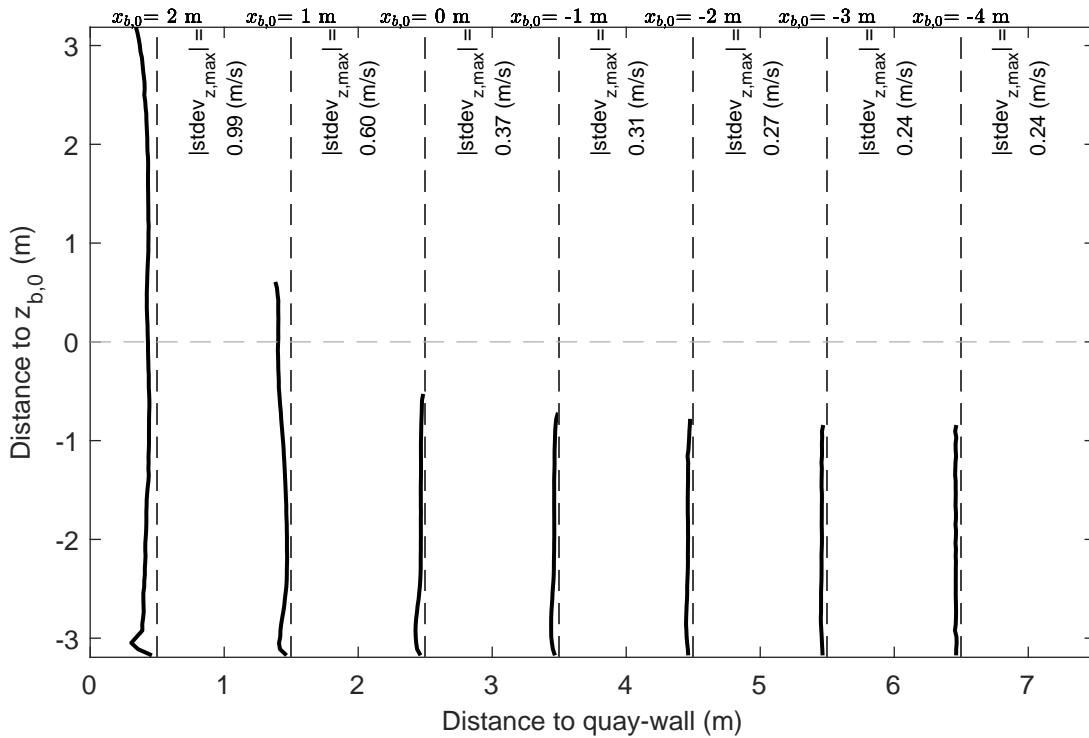
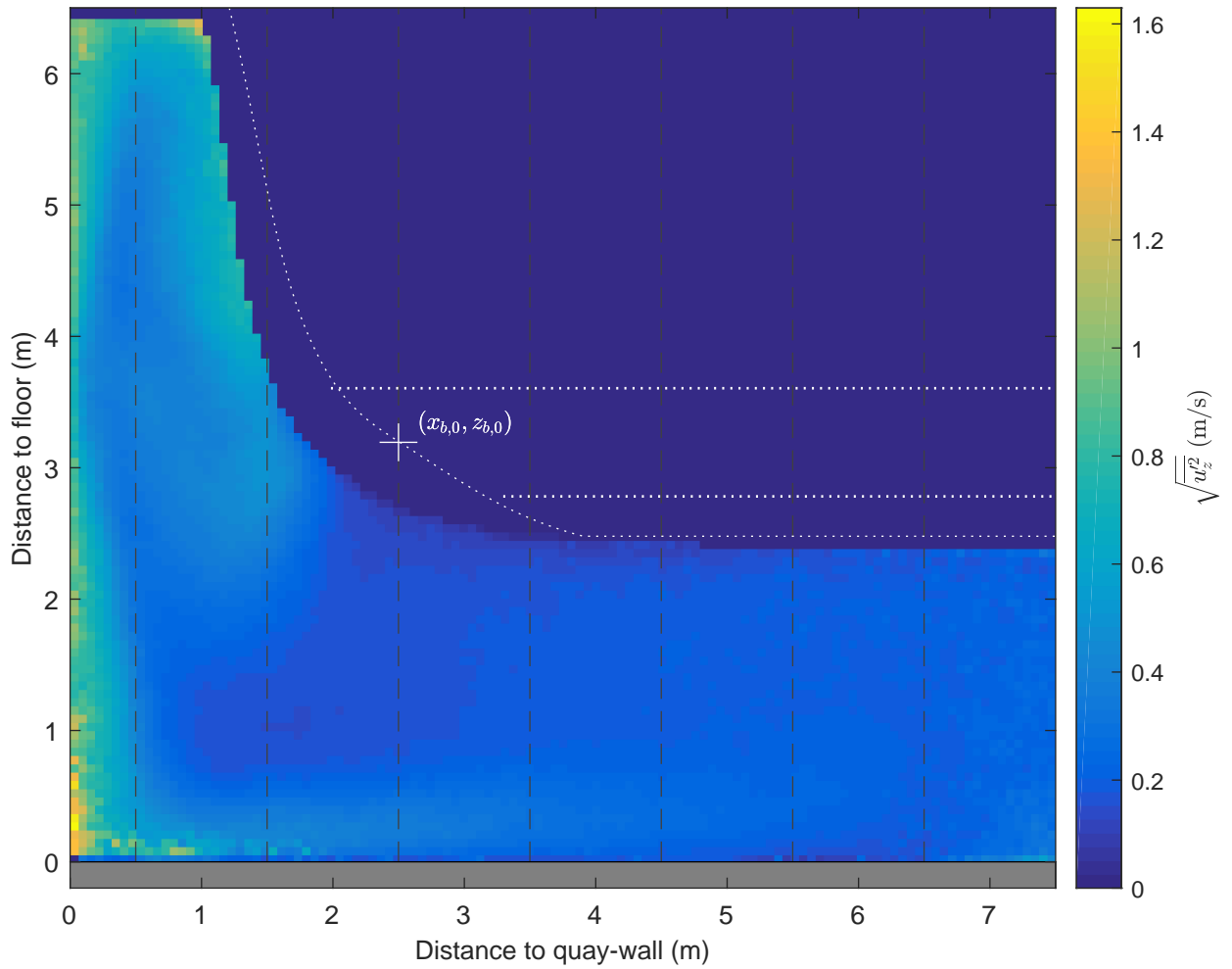
TKI-SOP

PIVSOP079

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

TKI-SOP

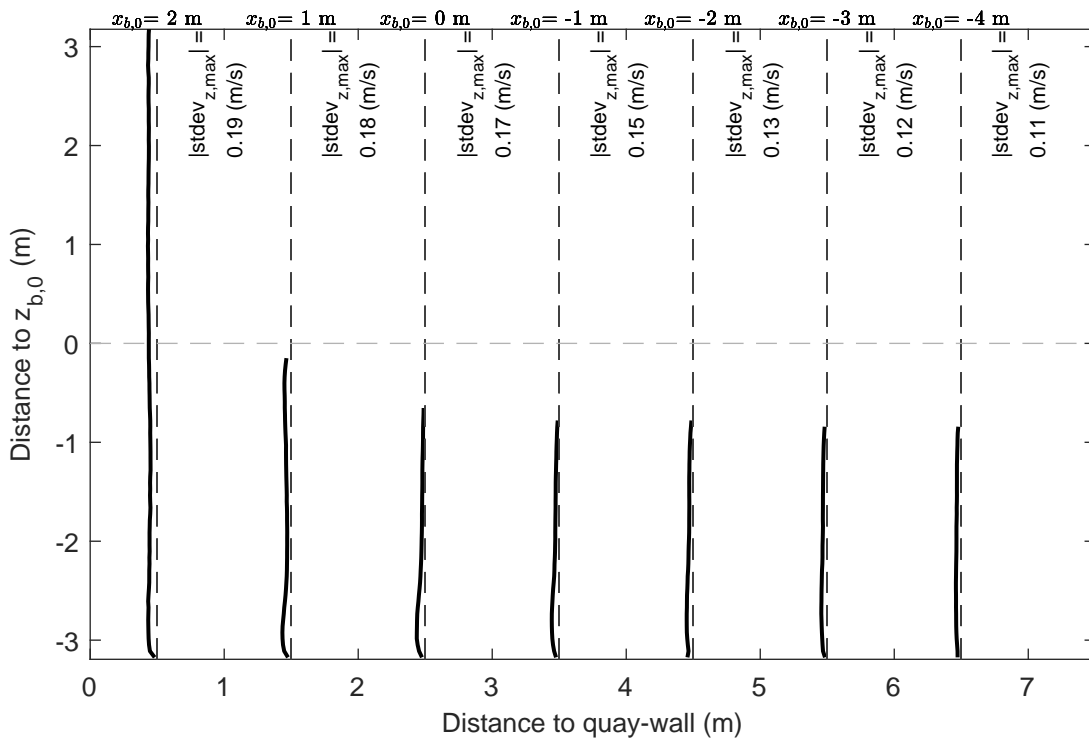
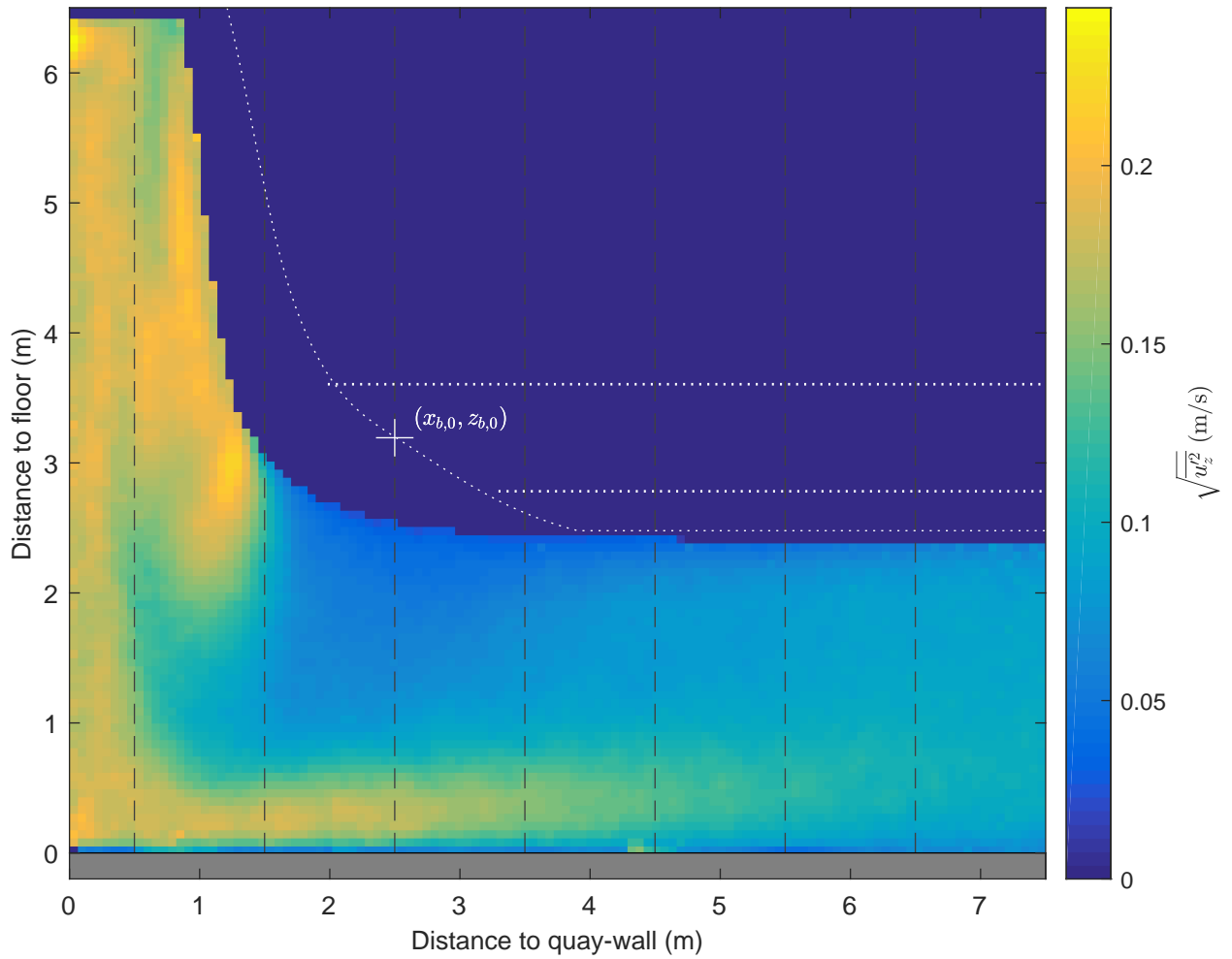
PIVSOP082

**Deltares**

11206641

Fig. G





Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = -4.0$  m, UKC = 2.5 m,  $U_{BT2} = 2.5$  m/s

PIV, FOV1

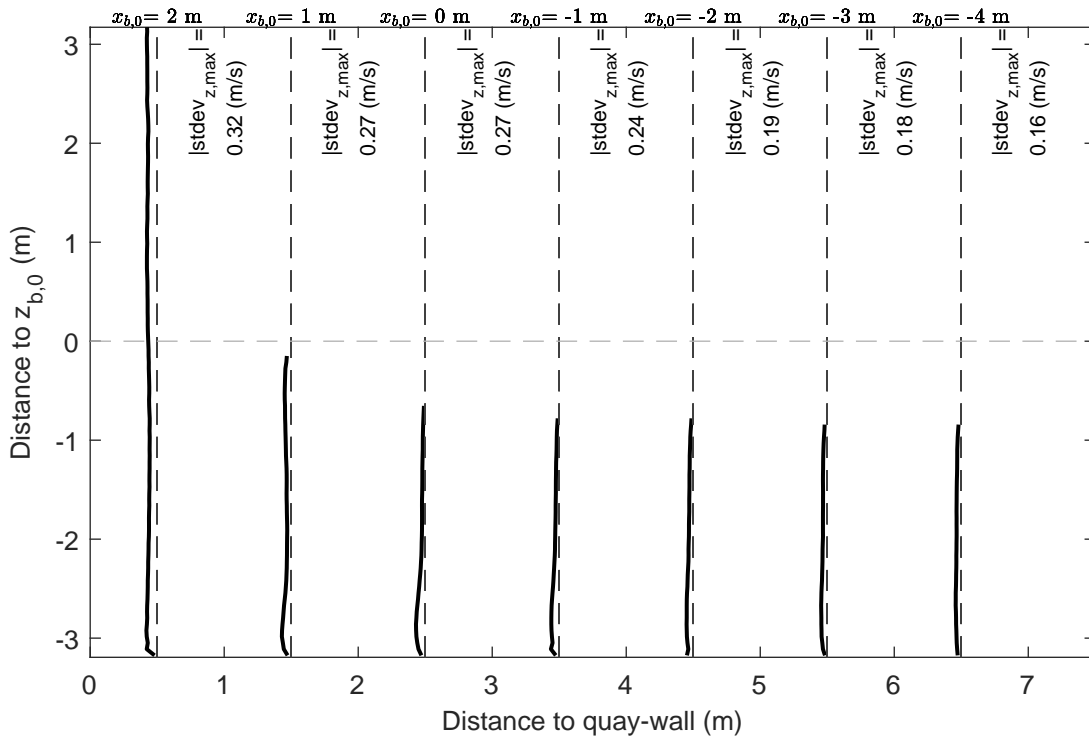
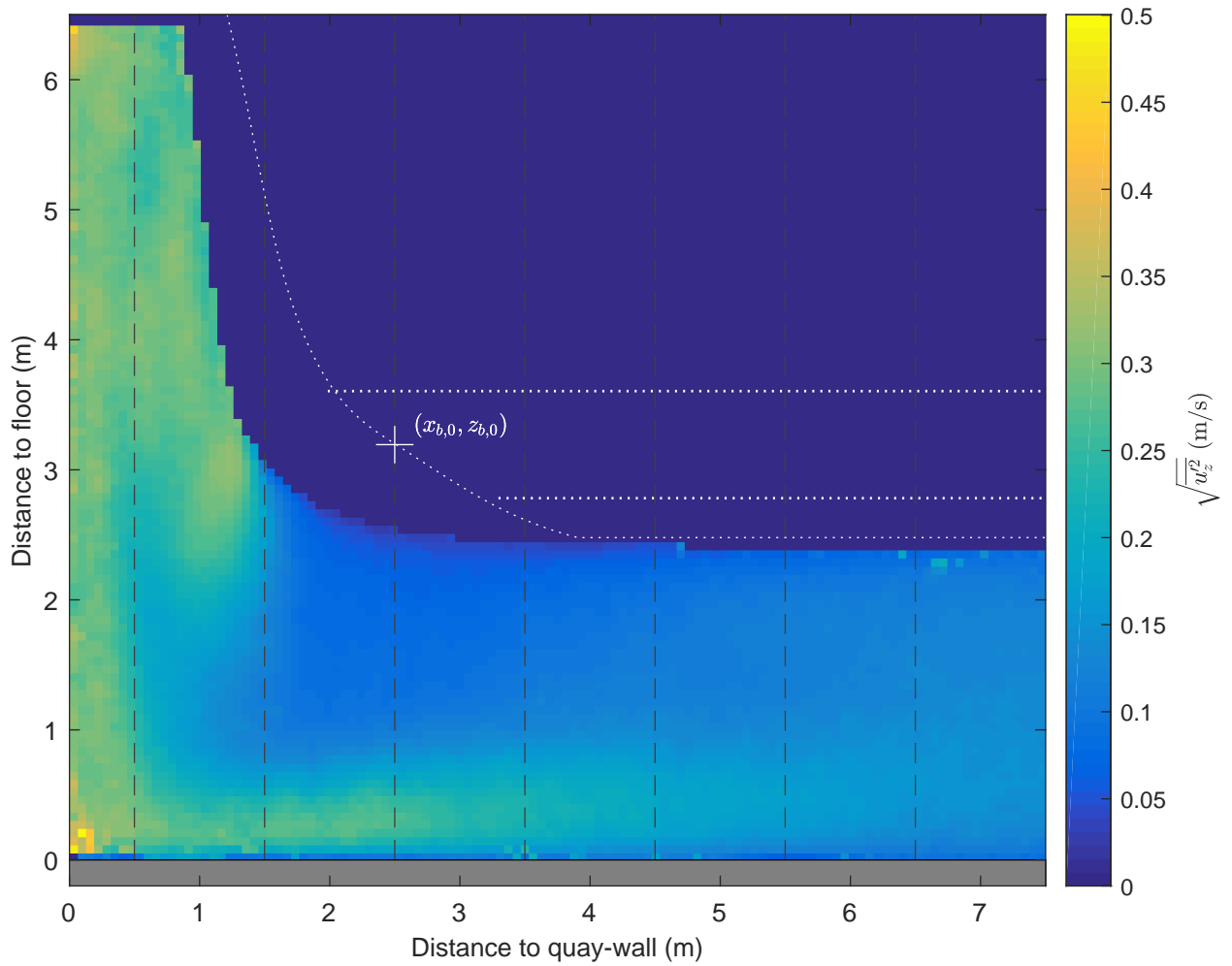
TKI-SOP

PIVSOP085

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = -4.0$  m, UKC = 2.5 m,  $U_{BT2} = 3.6$  m/s

PIV, FOV1

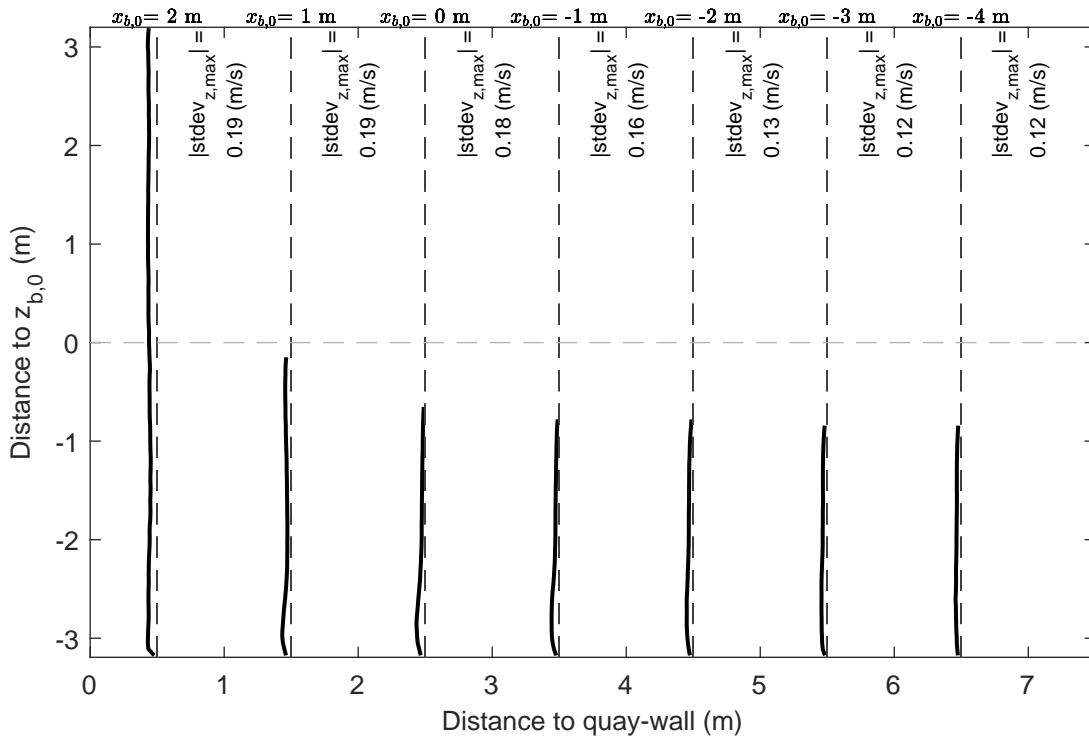
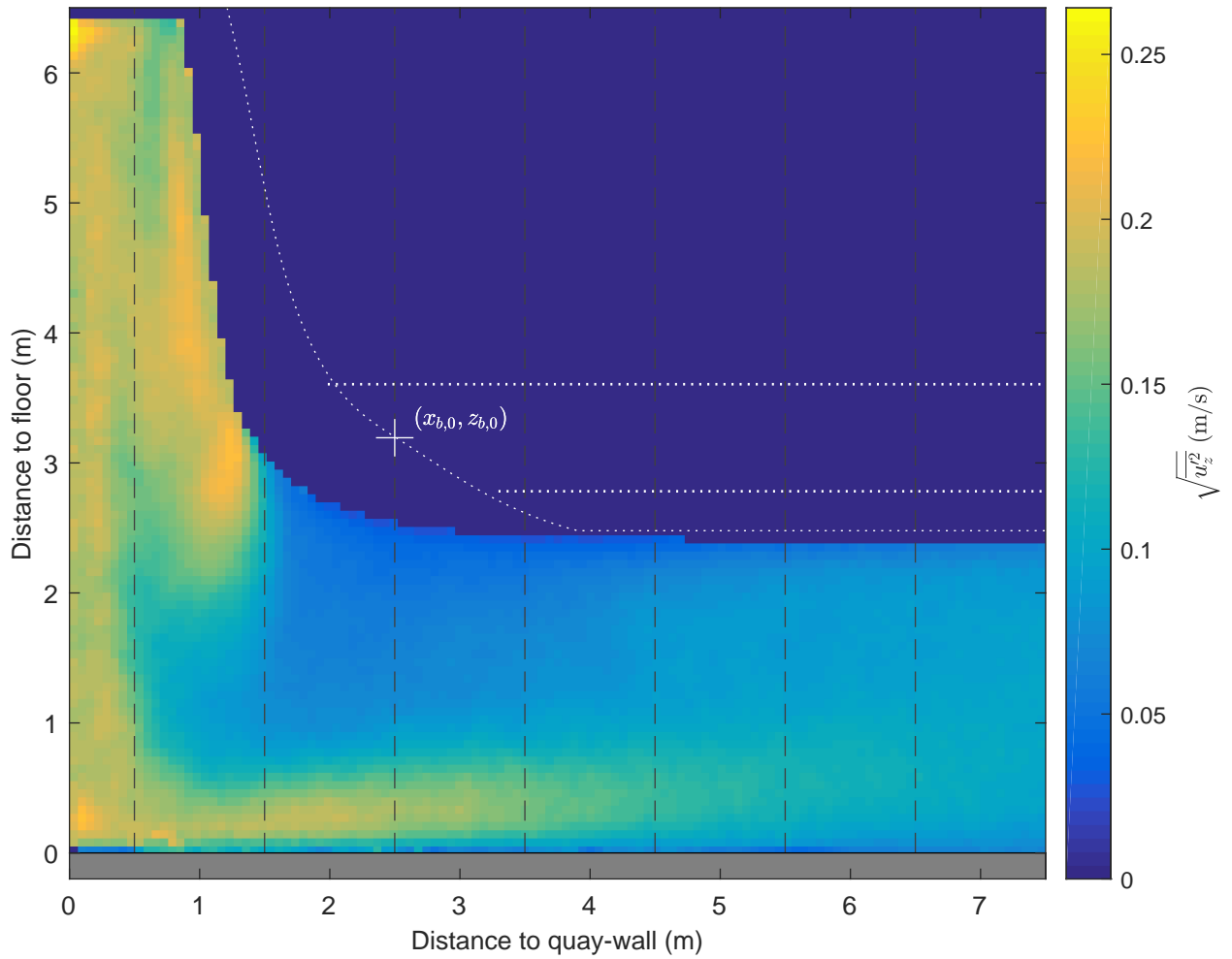
TKI-SOP

PIVSOP087

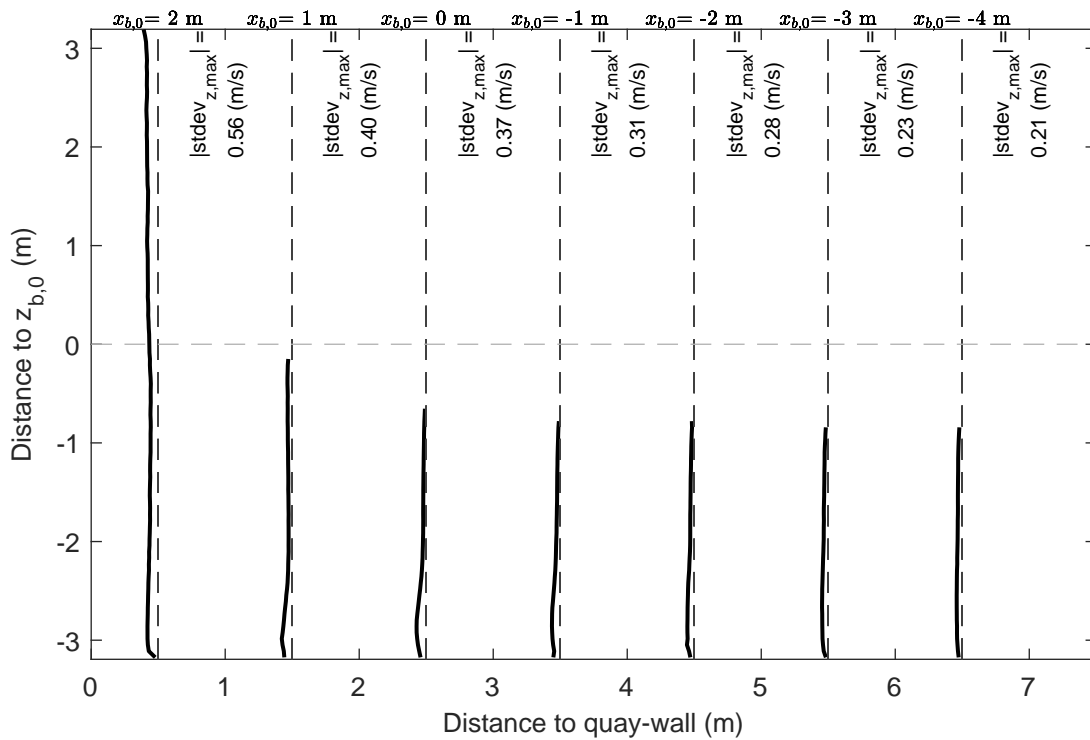
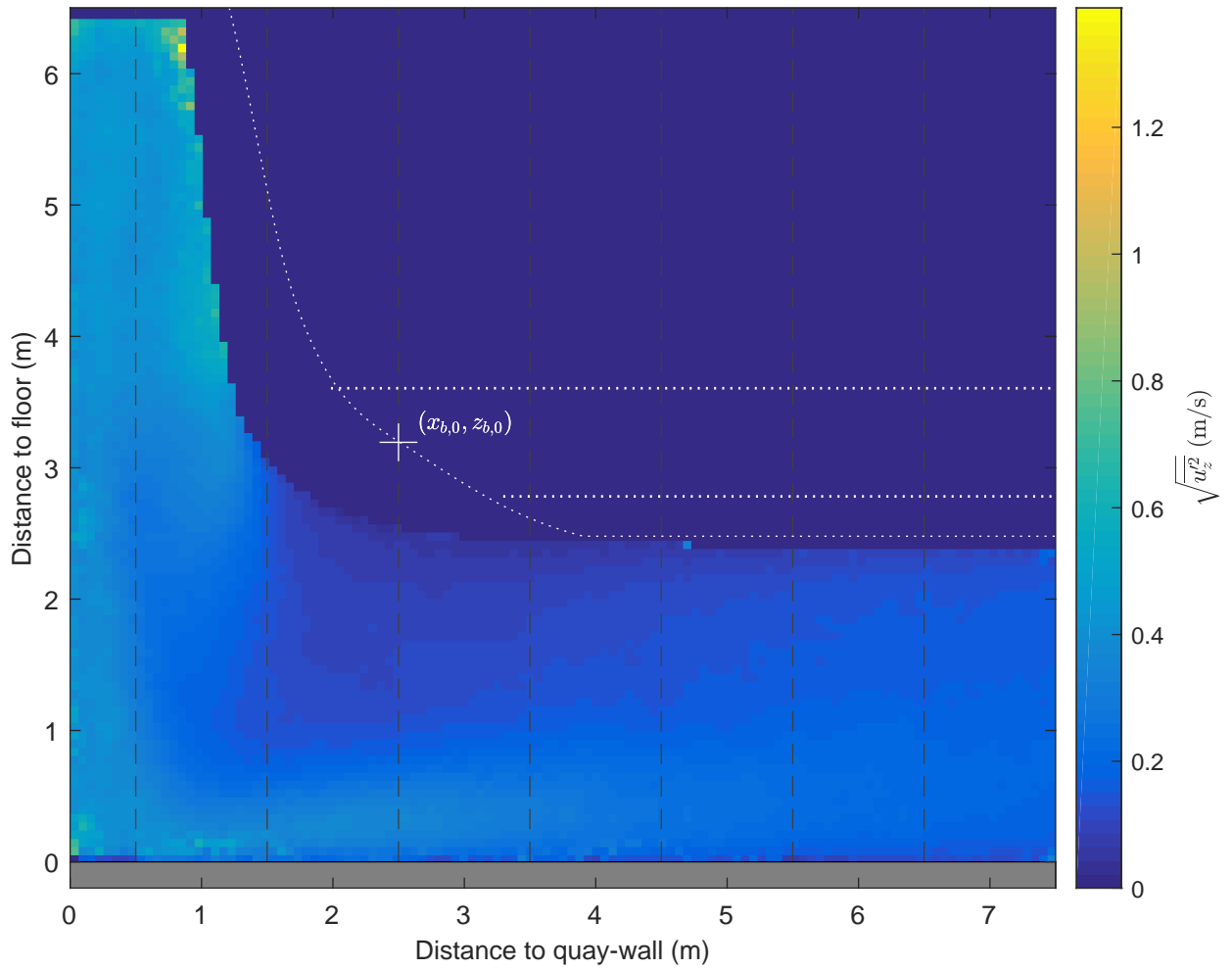
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = -4.0$ m, UKC = 2.5 m, $U_{BT2} = 2.6$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP091	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = -4.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

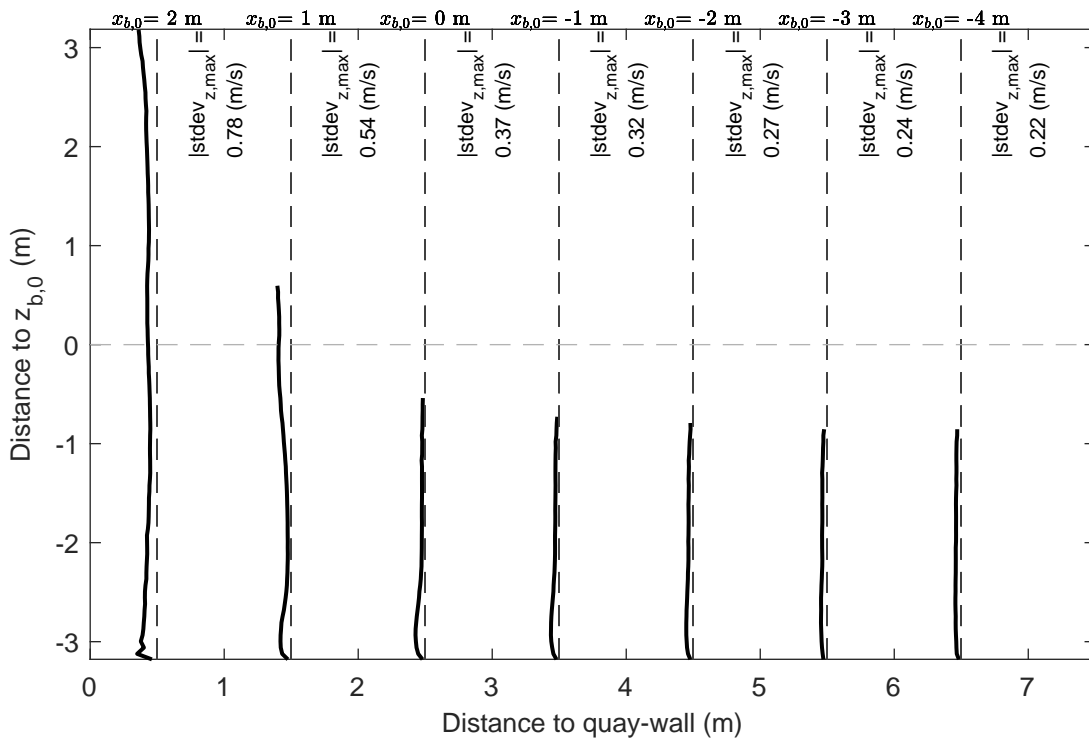
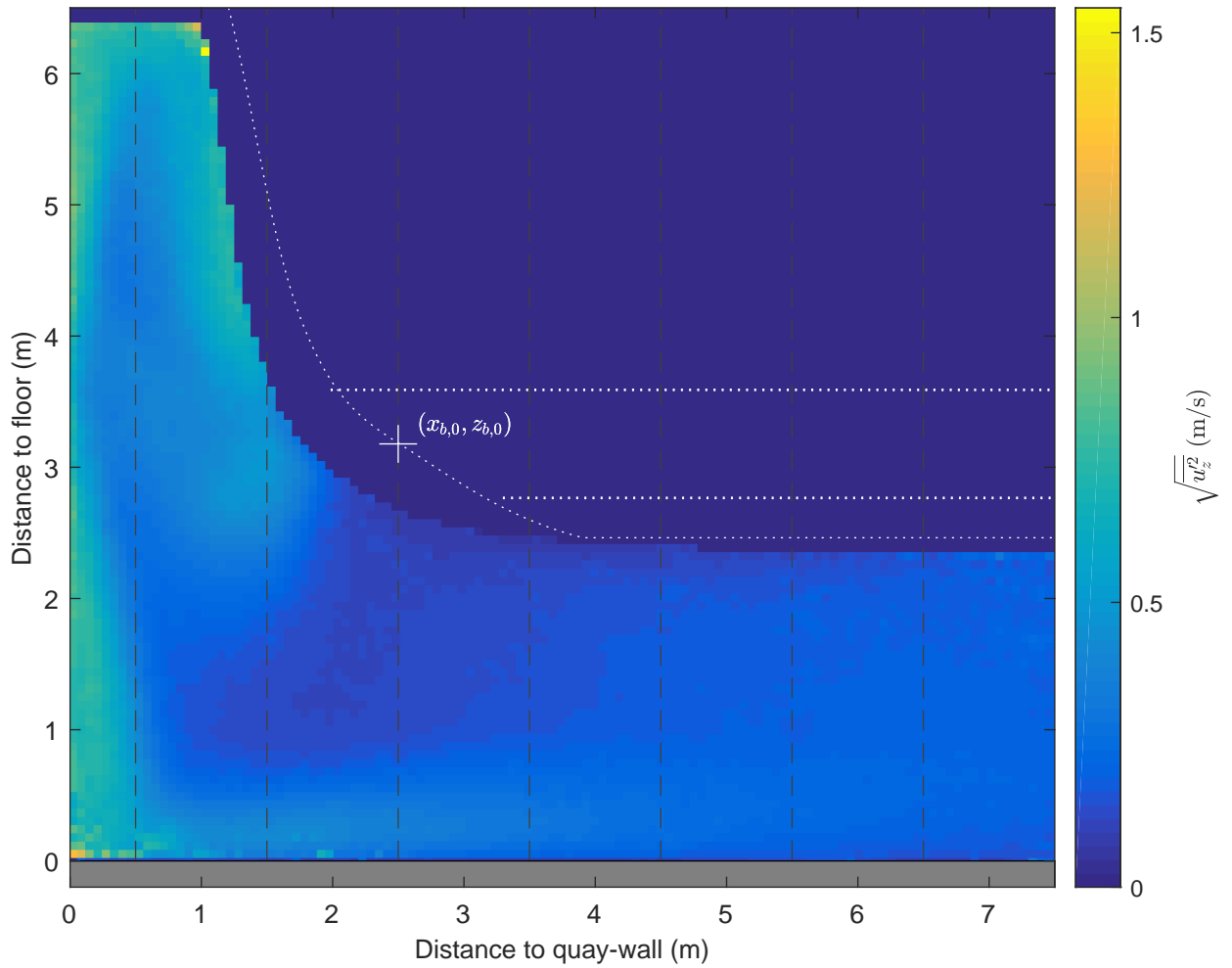
TKI-SOP

PIVSOP093

Deltares

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2  
 $\Delta x = 0.8$  m,  $\Delta y = -2.0$  m, UKC = 2.4 m,  $U_{BT2} = 4.8$  m/s

PIV, FOV1

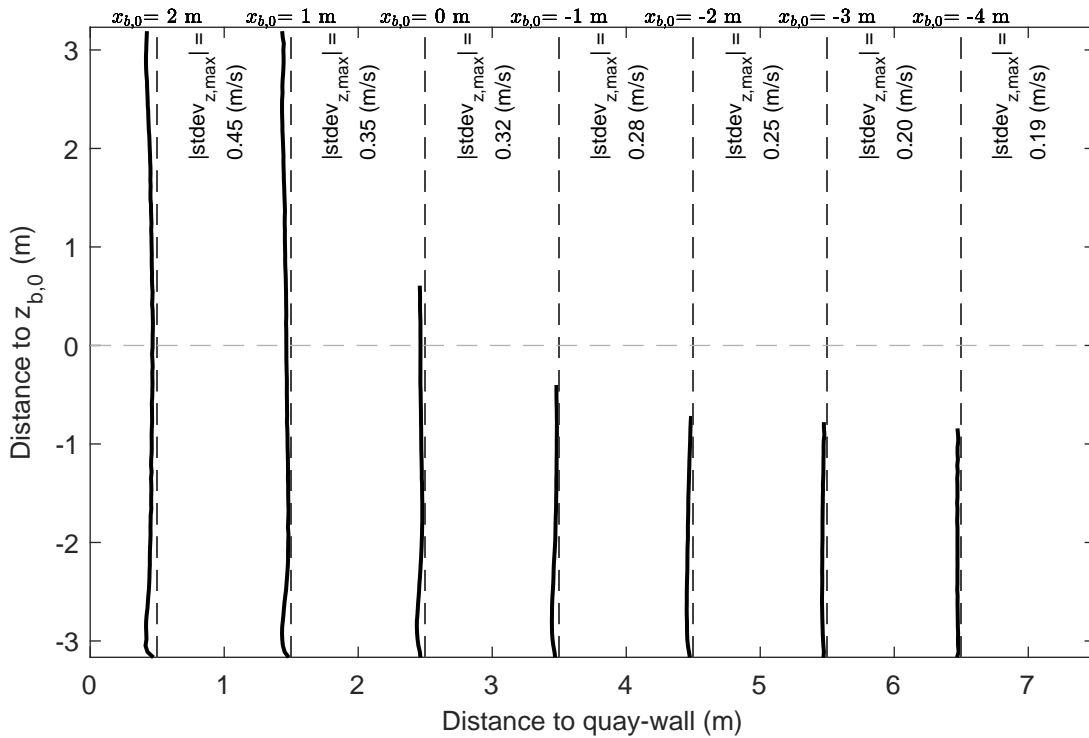
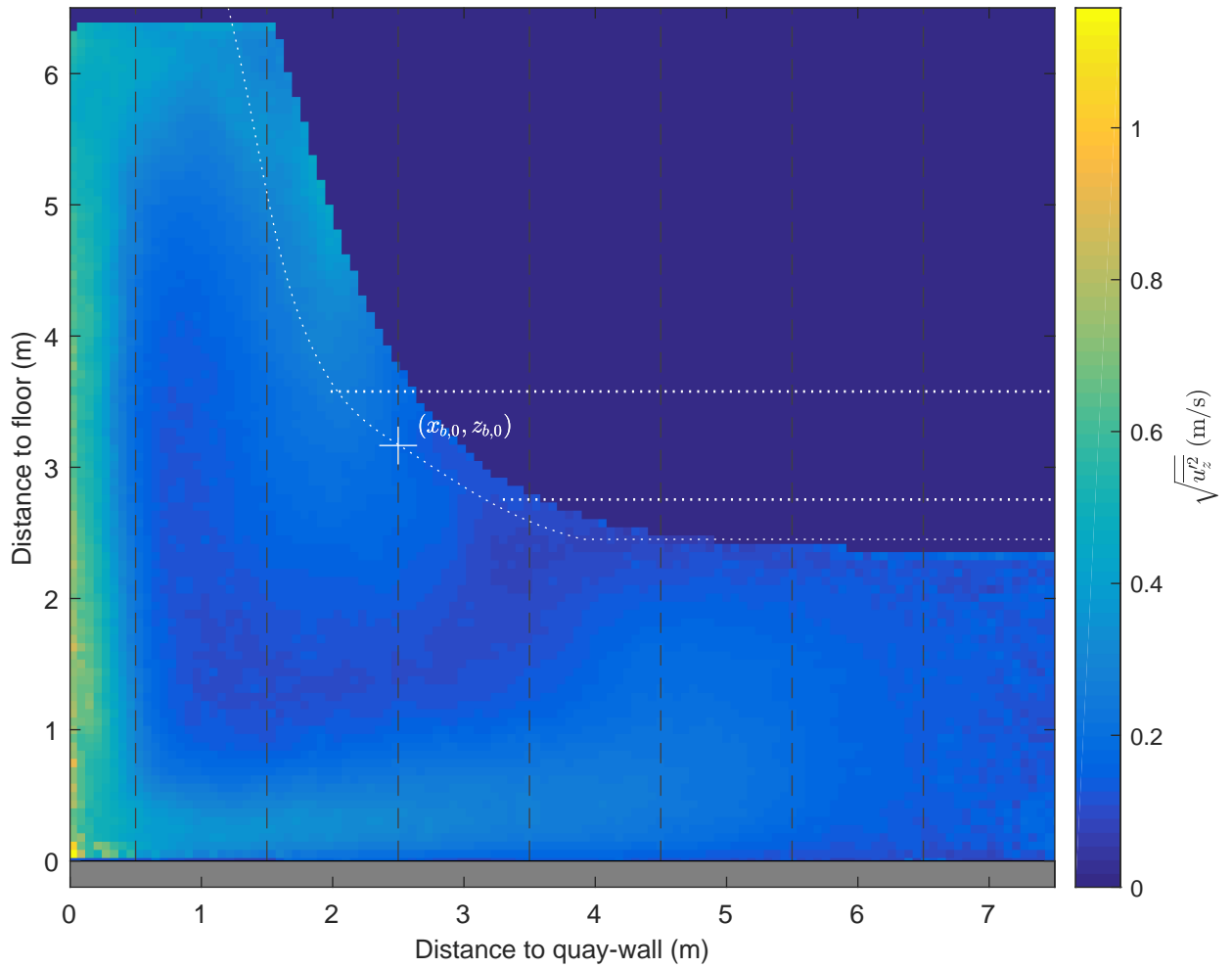
TKI-SOP

PIVSOP096

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 2.4 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

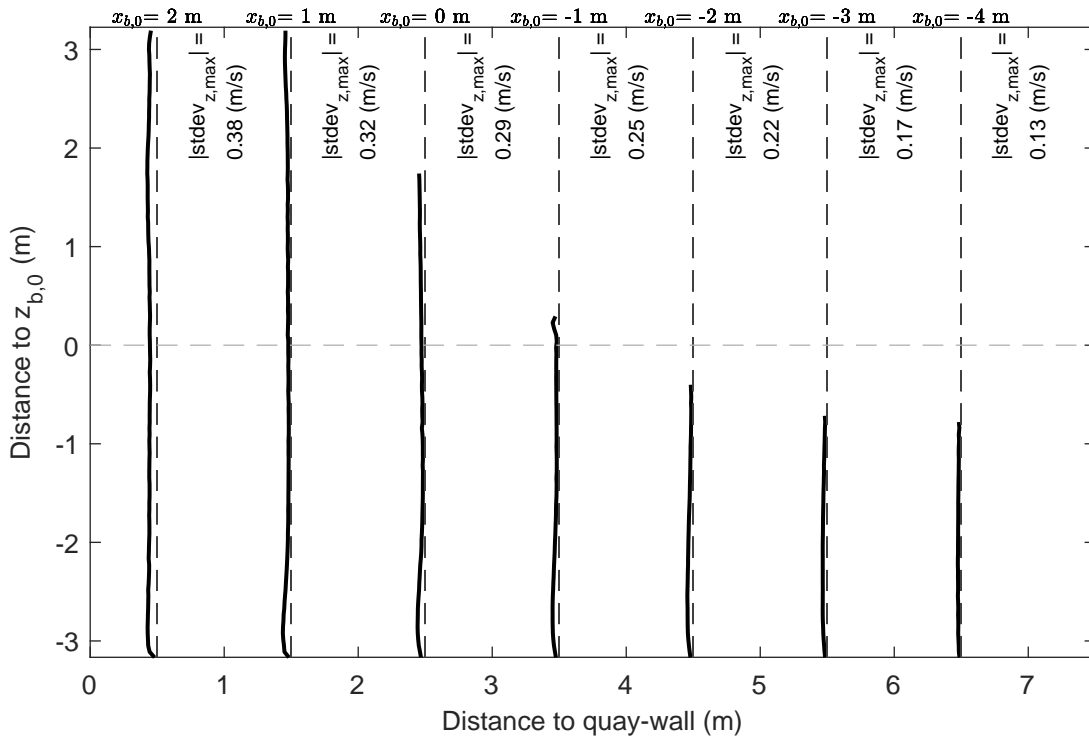
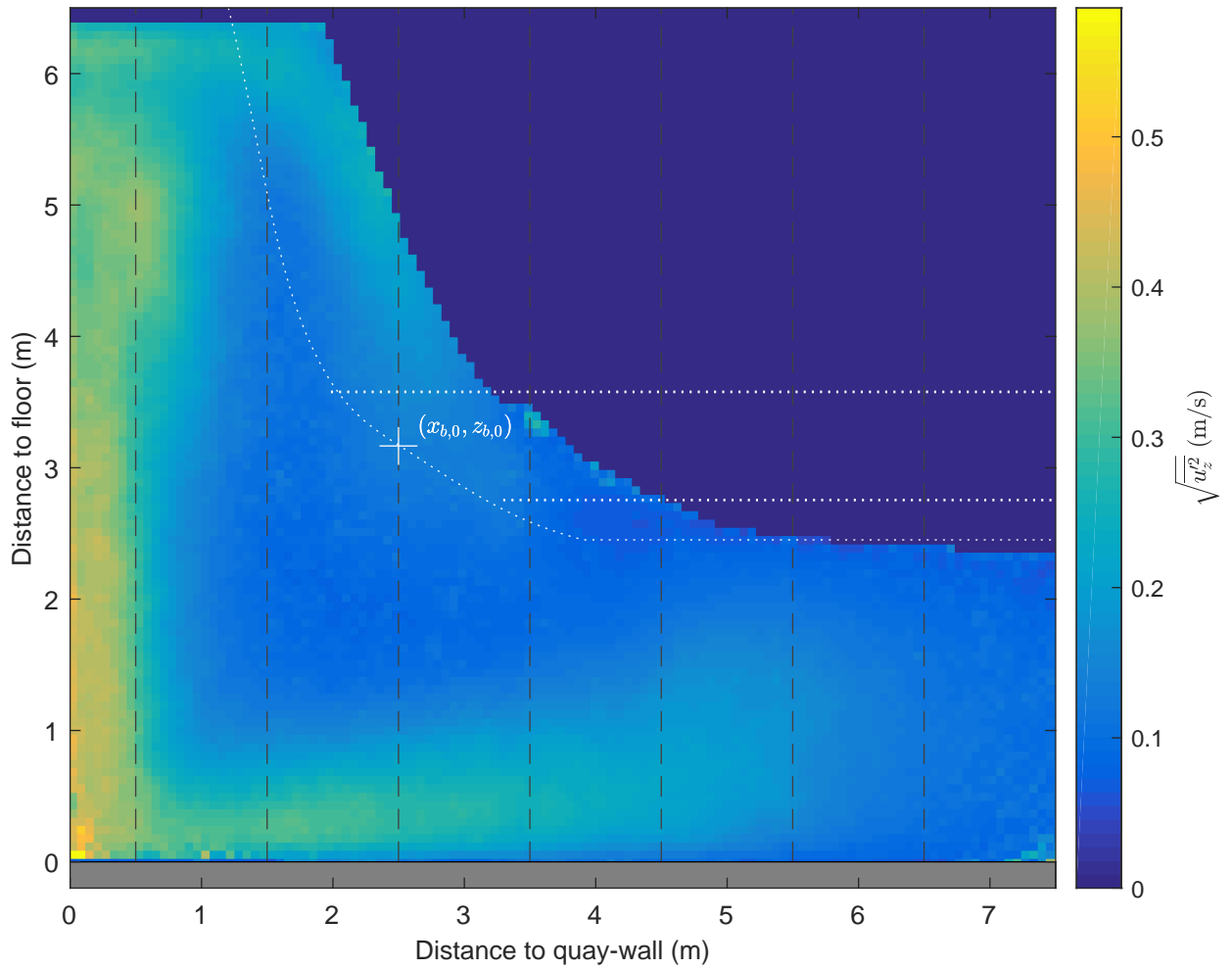
TKI-SOP

PIVSOP099

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.4 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

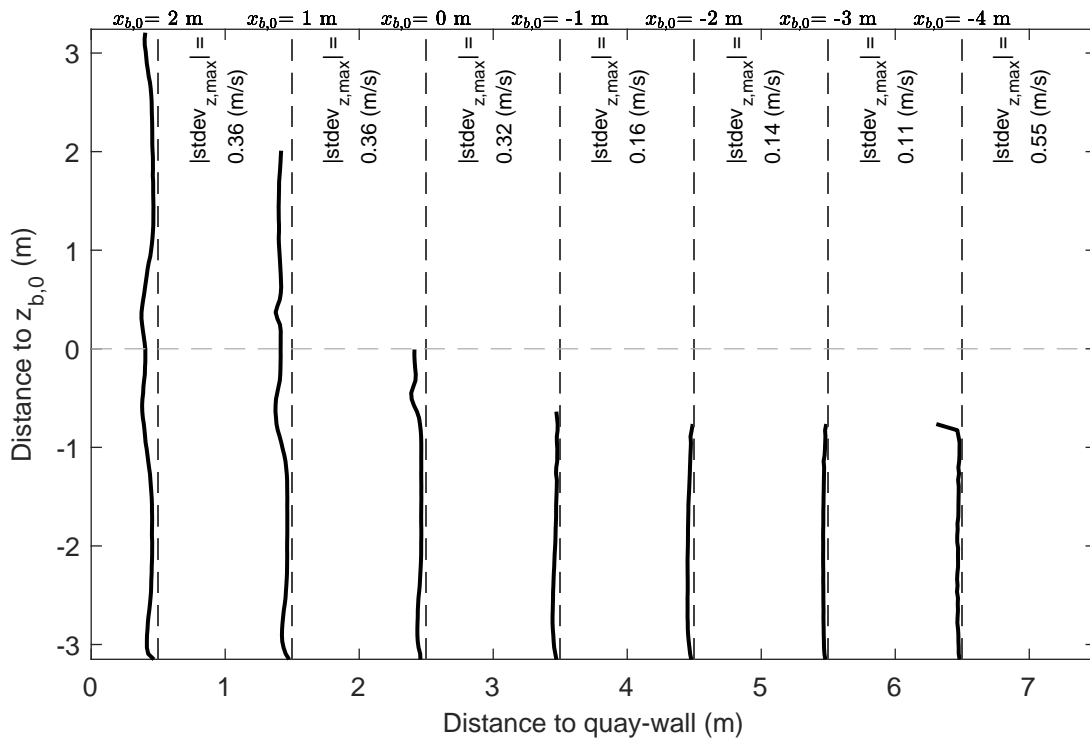
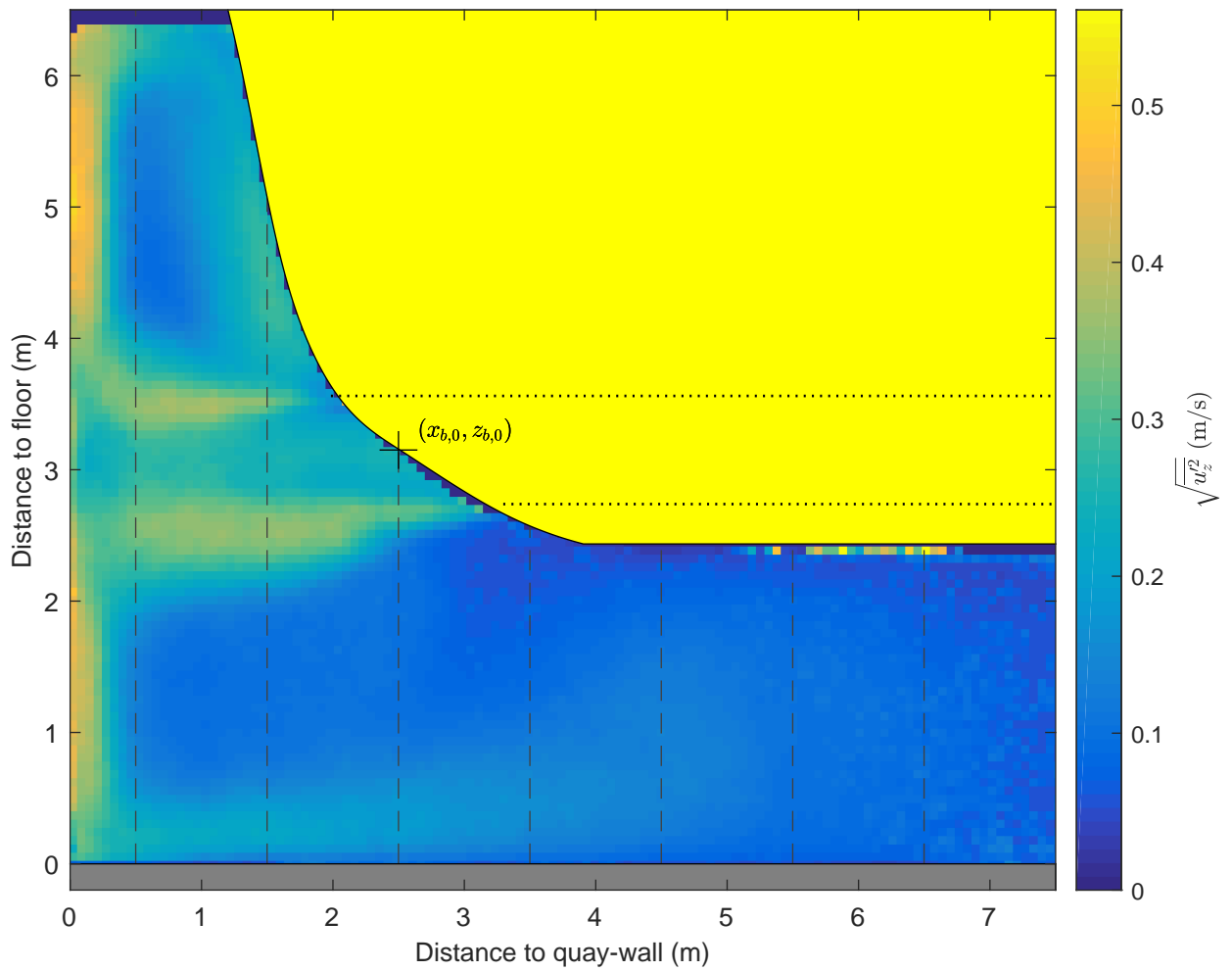
TKI-SOP

PIVSOP102

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.6$  m/s

PIV, FOV1

TKI-SOP

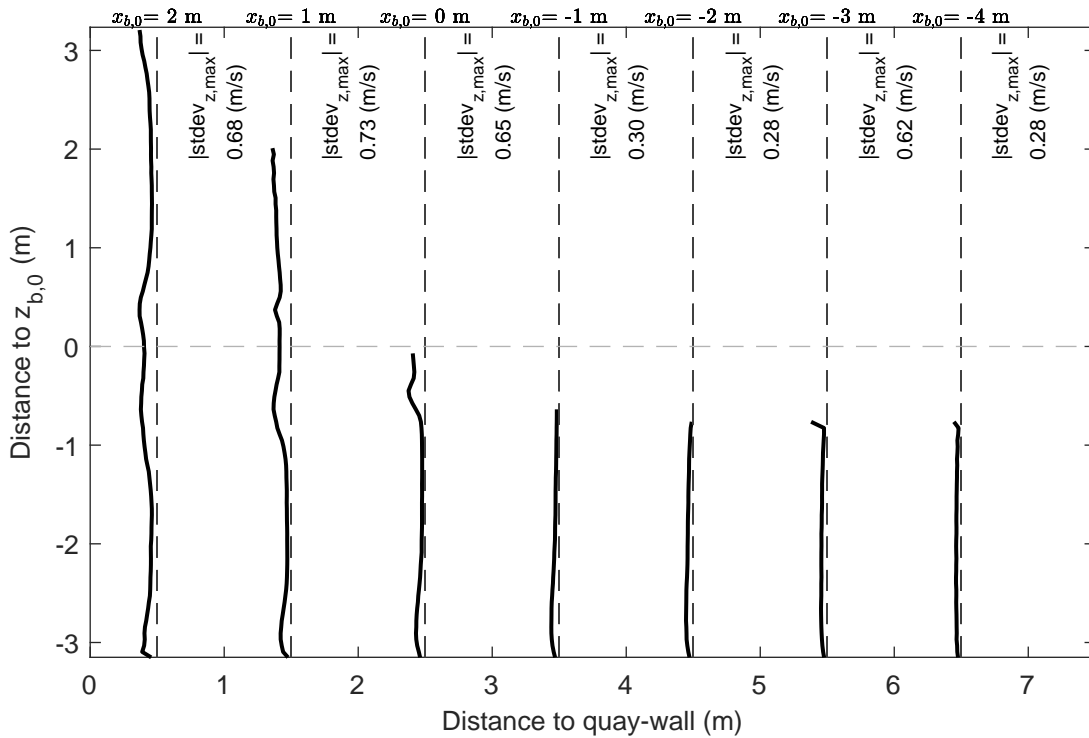
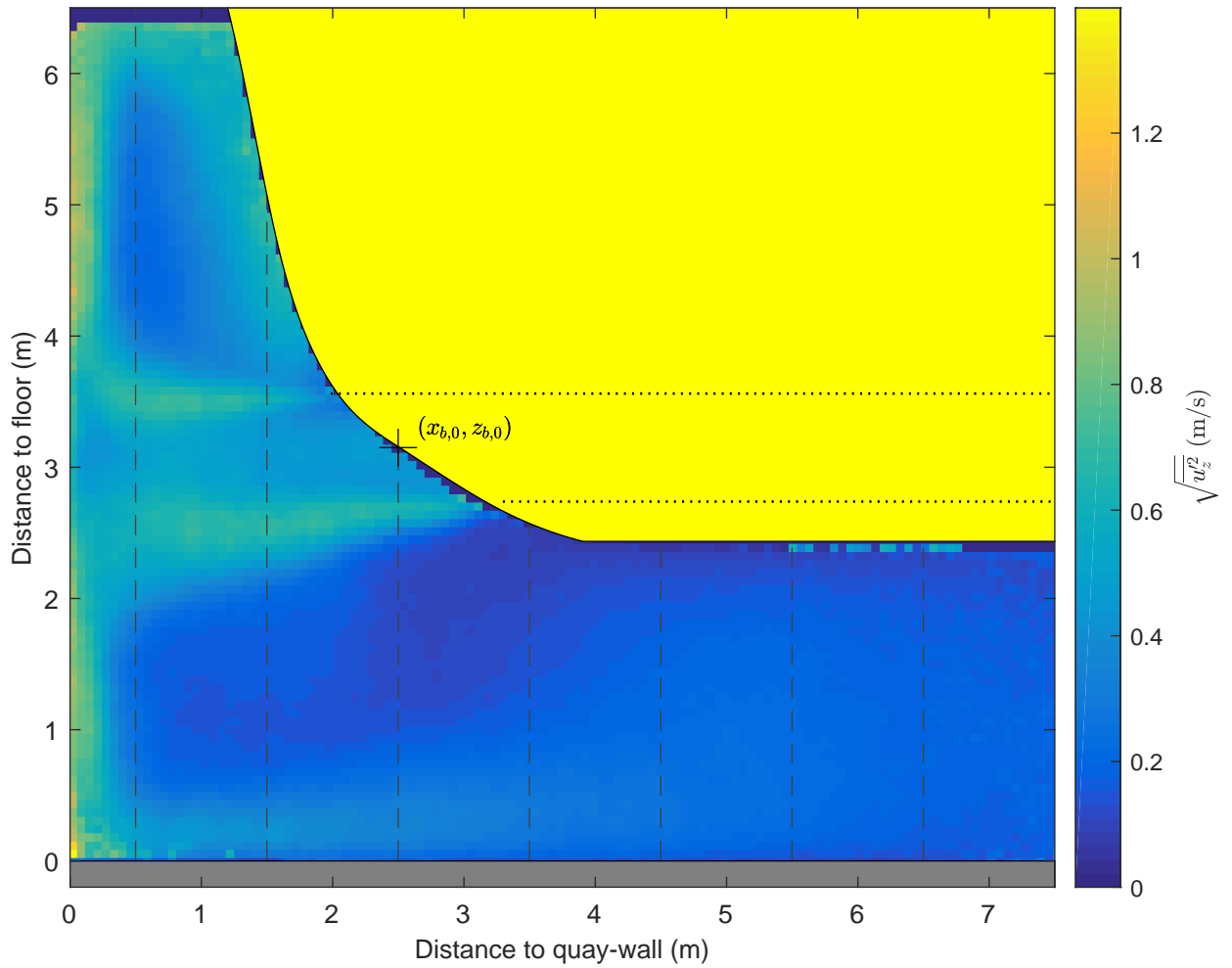
PIVSOP105

**Deltares**

11206641

Fig. G





Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 4.8$  m/s

PIV, FOV1

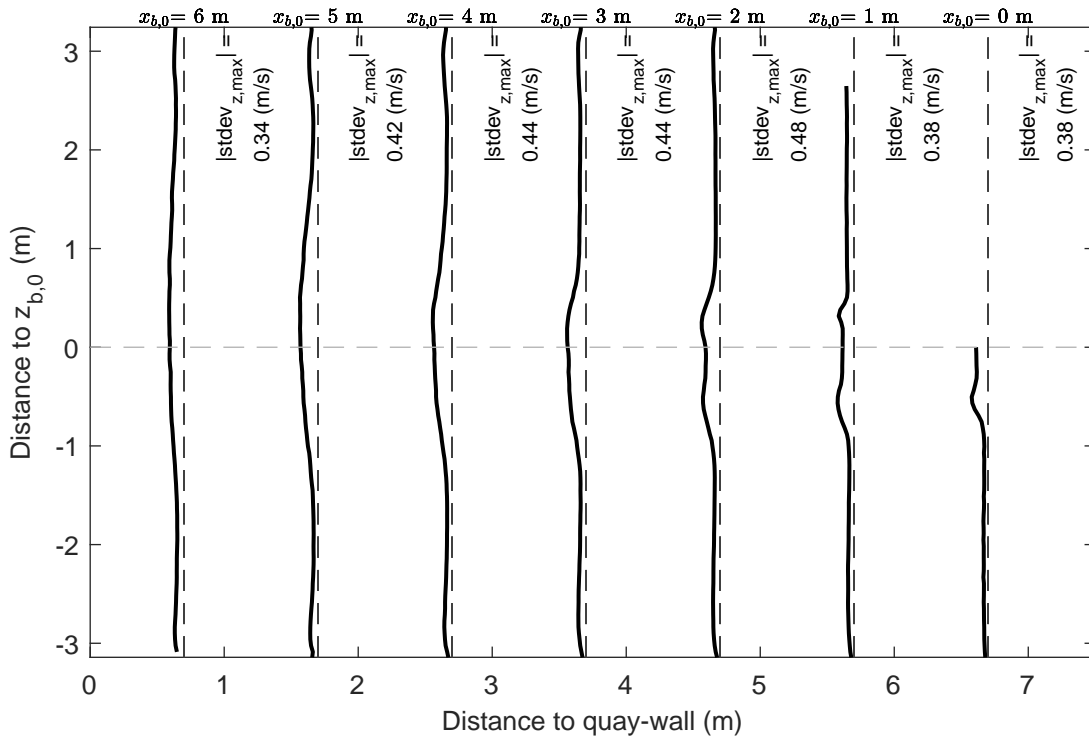
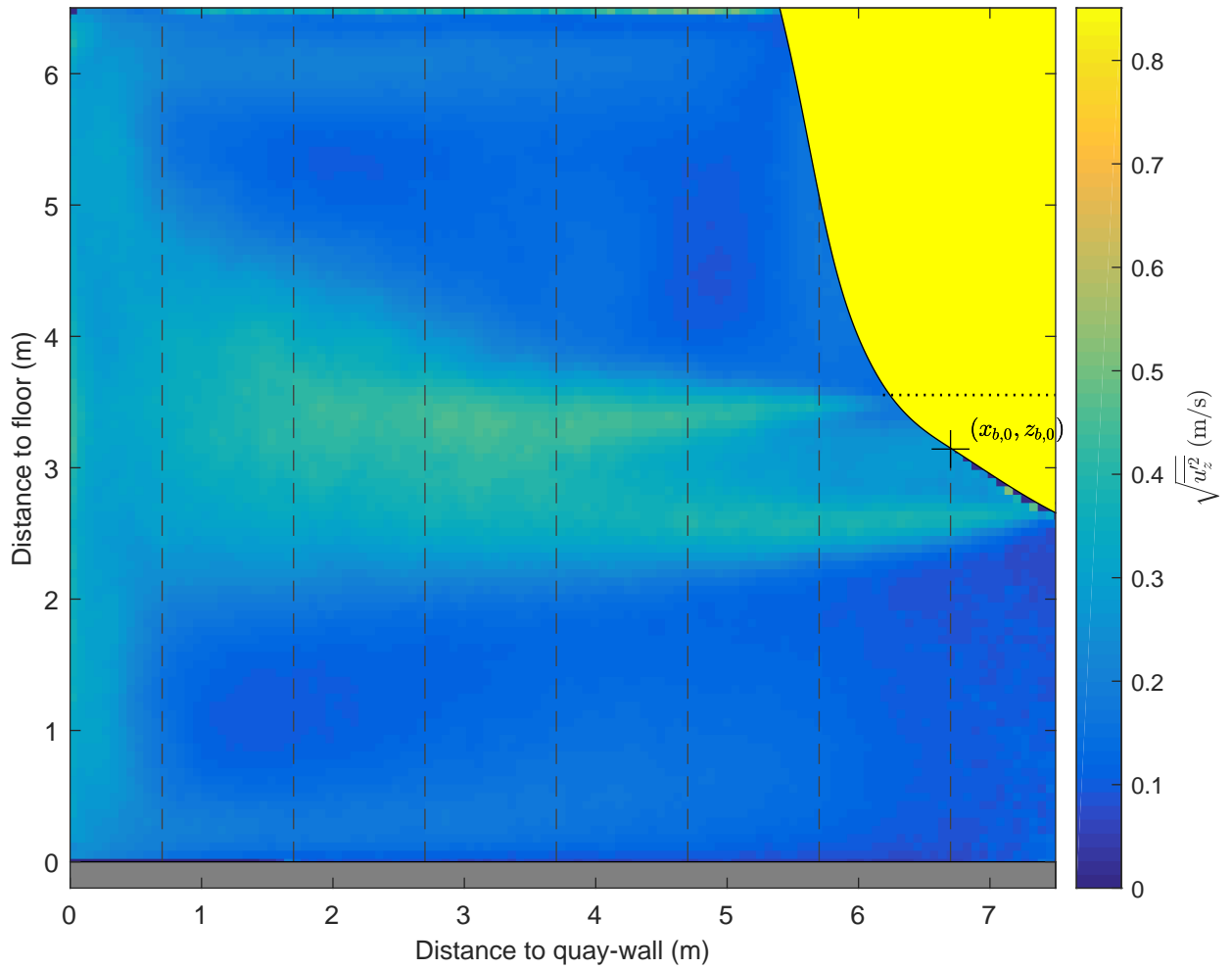
TKI-SOP

PIVSOP107

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 5.0$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{\text{BT}2} = 2.8$  m/s

PIV, FOV1

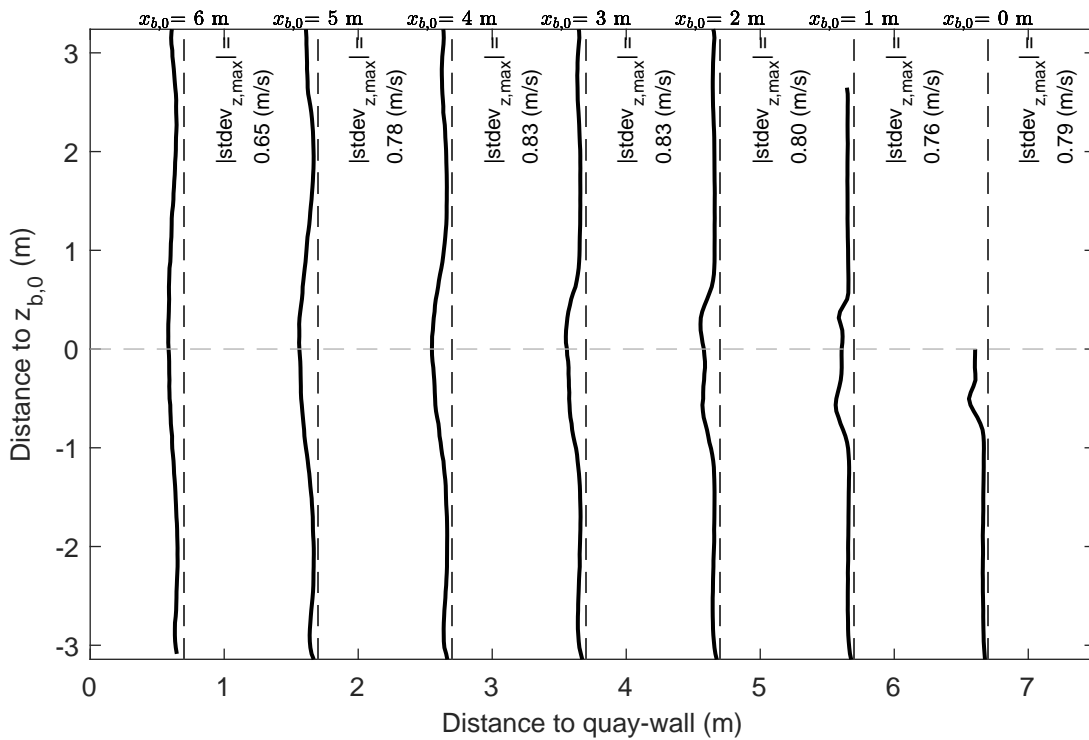
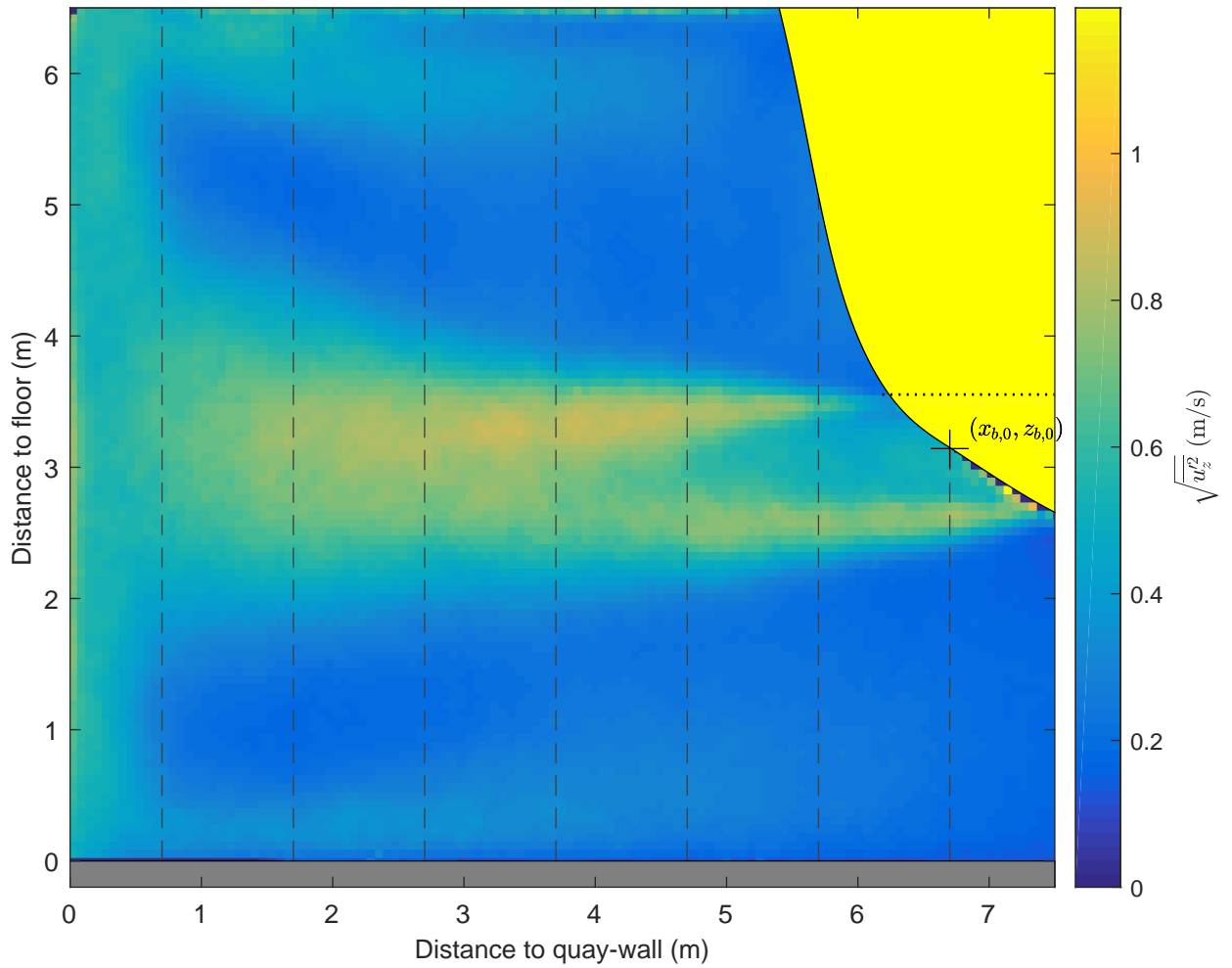
TKI-SOP

PIVSOP110

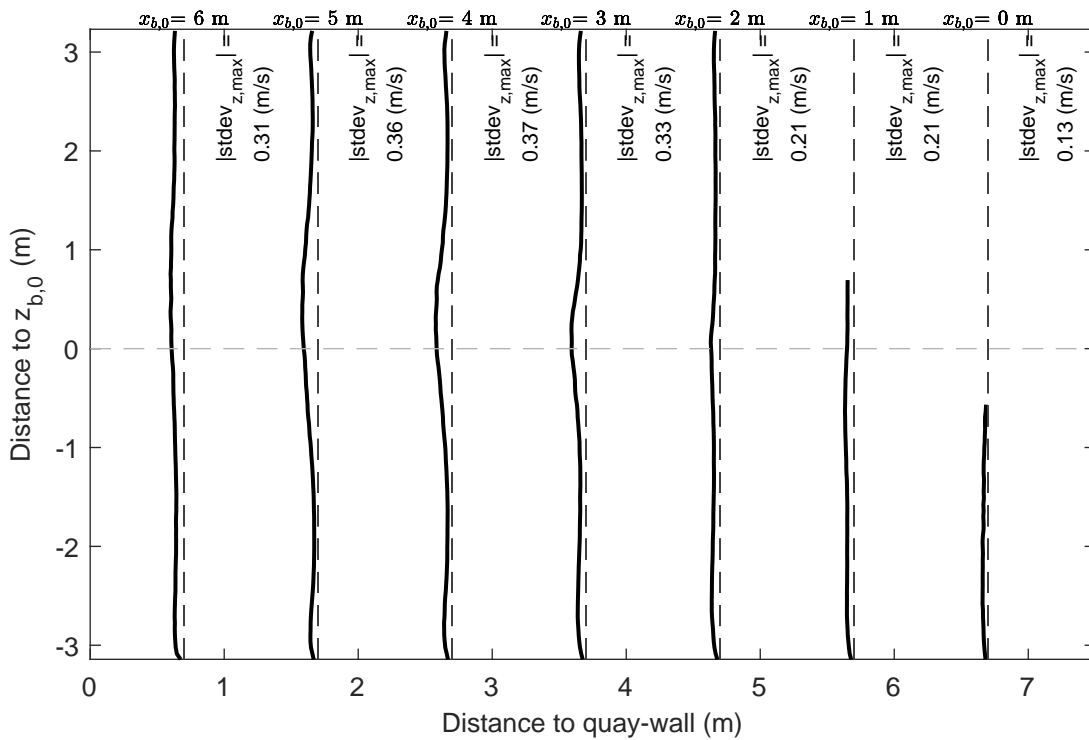
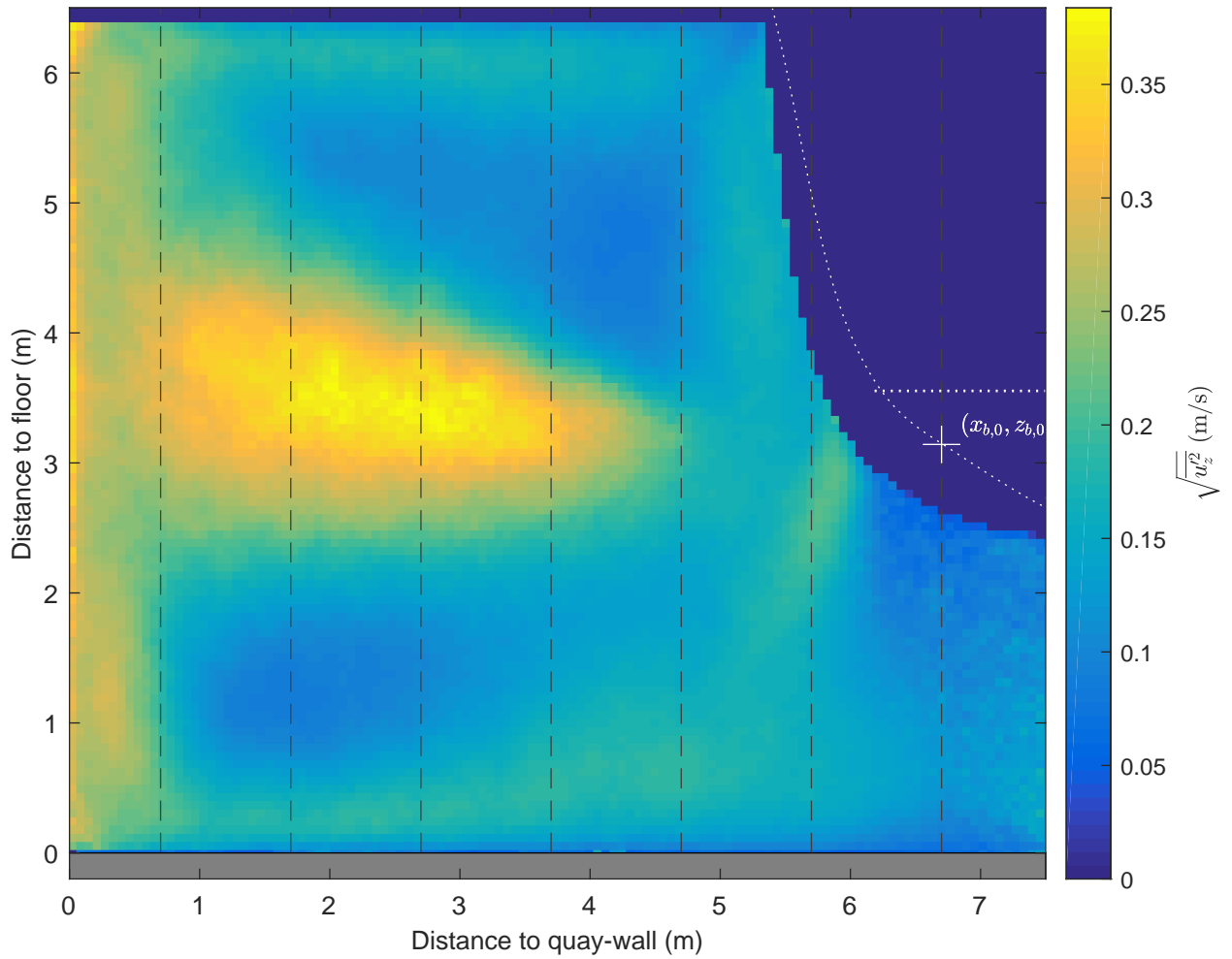
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 5.0$ m, $\Delta y = 0.0$ m, UKC = 2.4 m, $U_{BT2} = 5.0$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP112	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 5.0$  m,  $\Delta y = -2.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.8$  m/s

PIV, FOV1

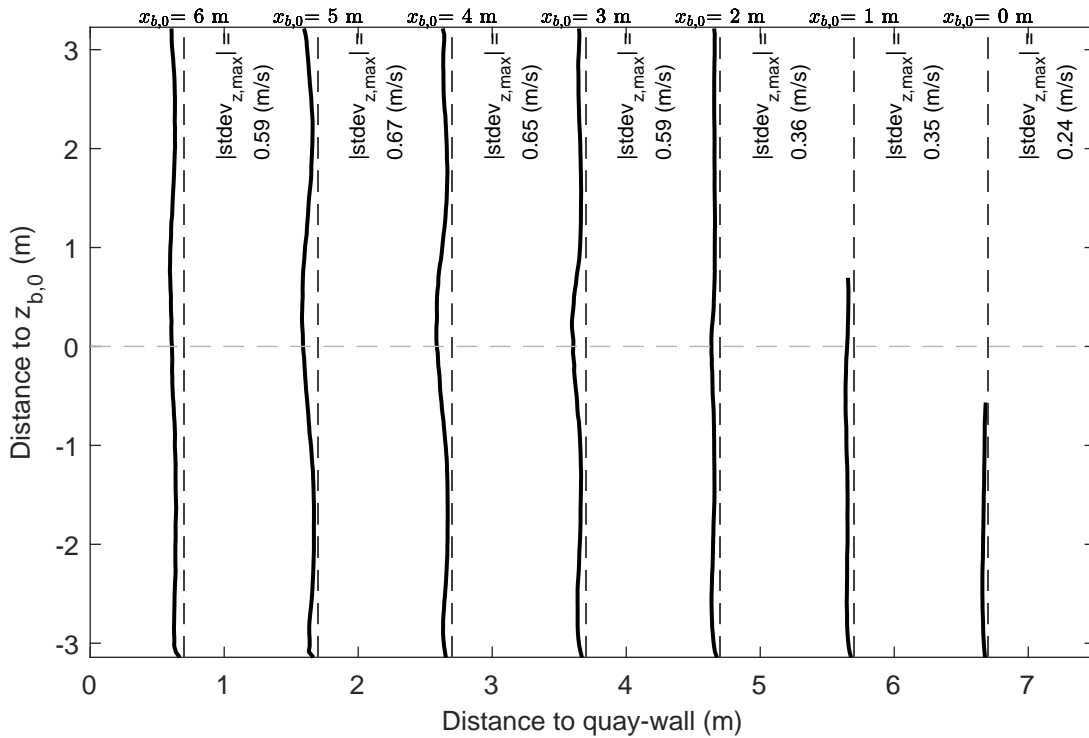
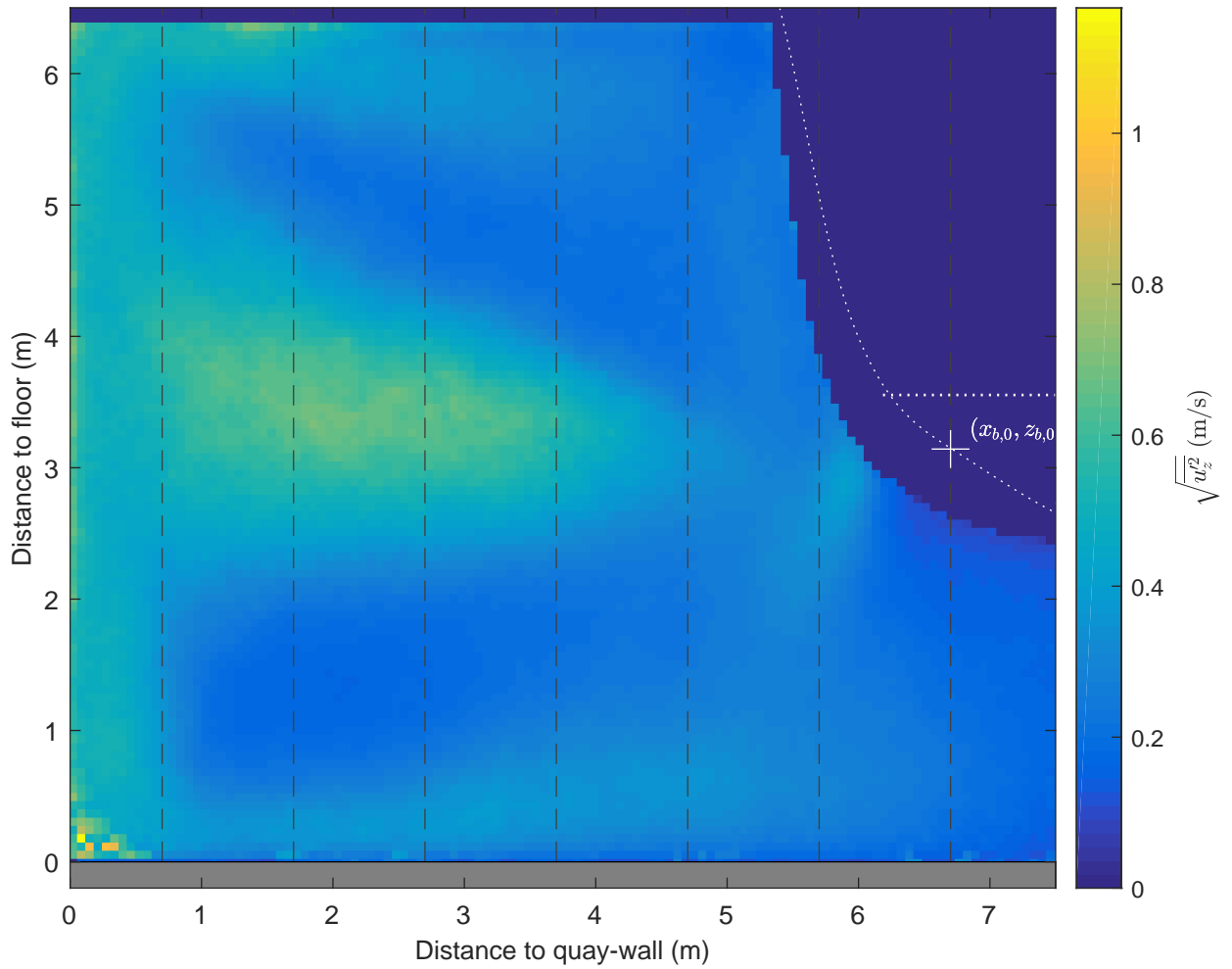
TKI-SOP

PIVSOP115

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 5.0$  m,  $\Delta y = -2.0$  m, UKC = 2.4 m,  $U_{BT2} = 5.1$  m/s

PIV, FOV1

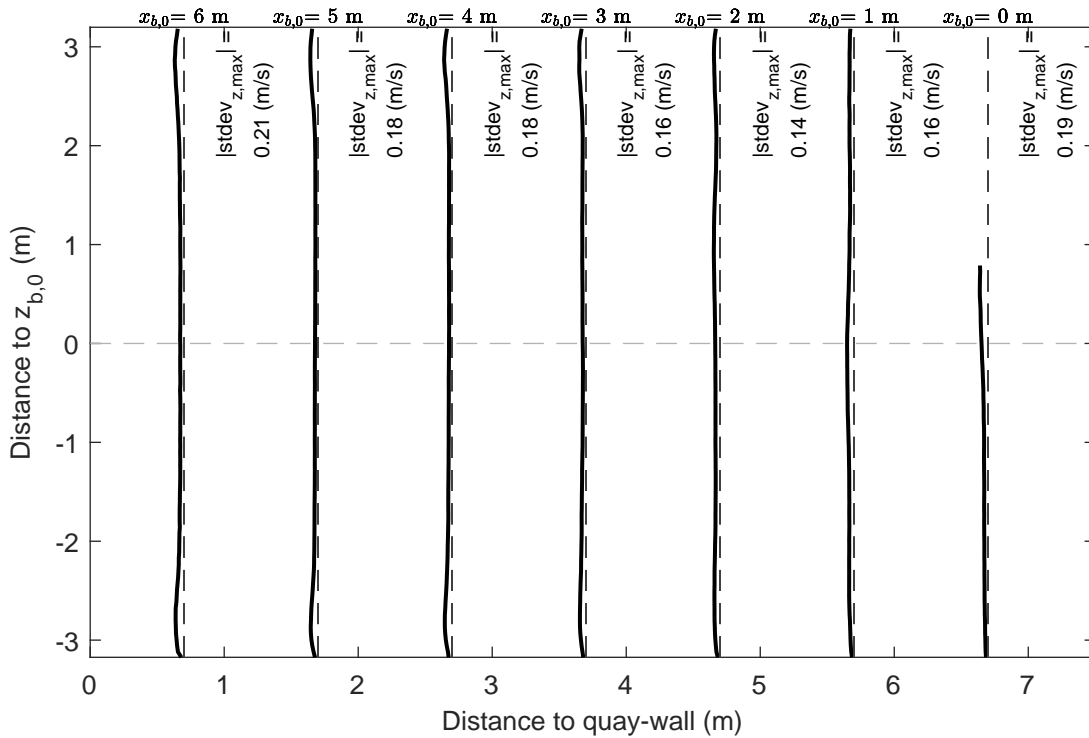
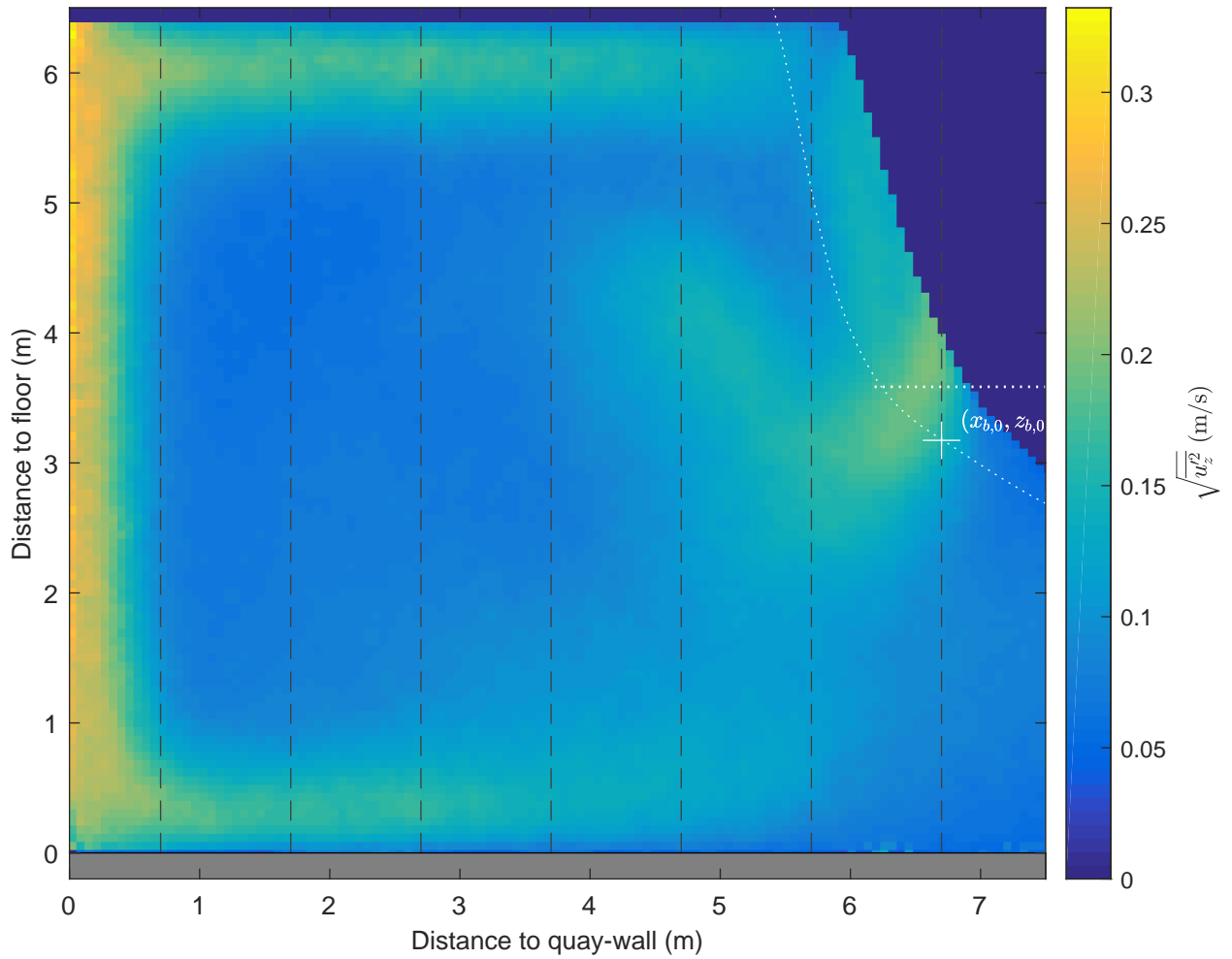
TKI-SOP

PIVSOP117

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 5.0$  m,  $\Delta y = 2.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.8$  m/s

PIV, FOV1

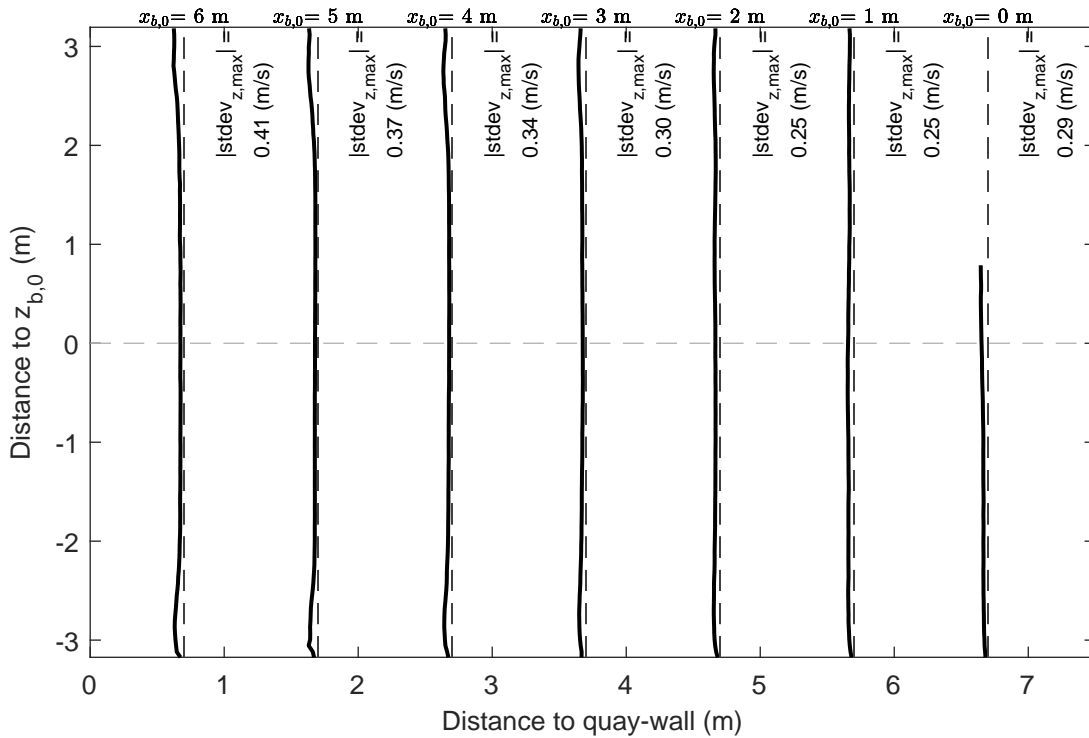
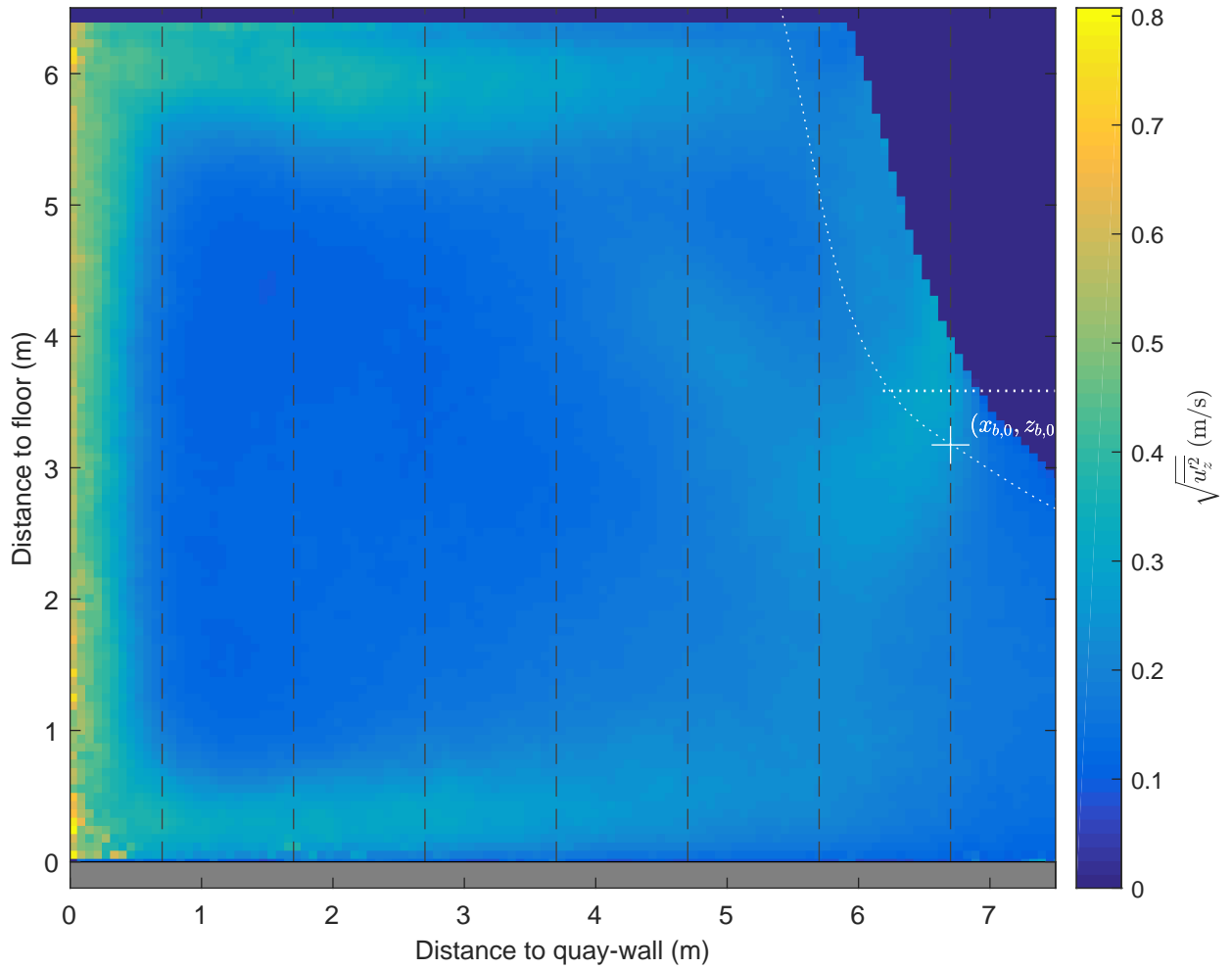
TKI-SOP

PIVSOP119

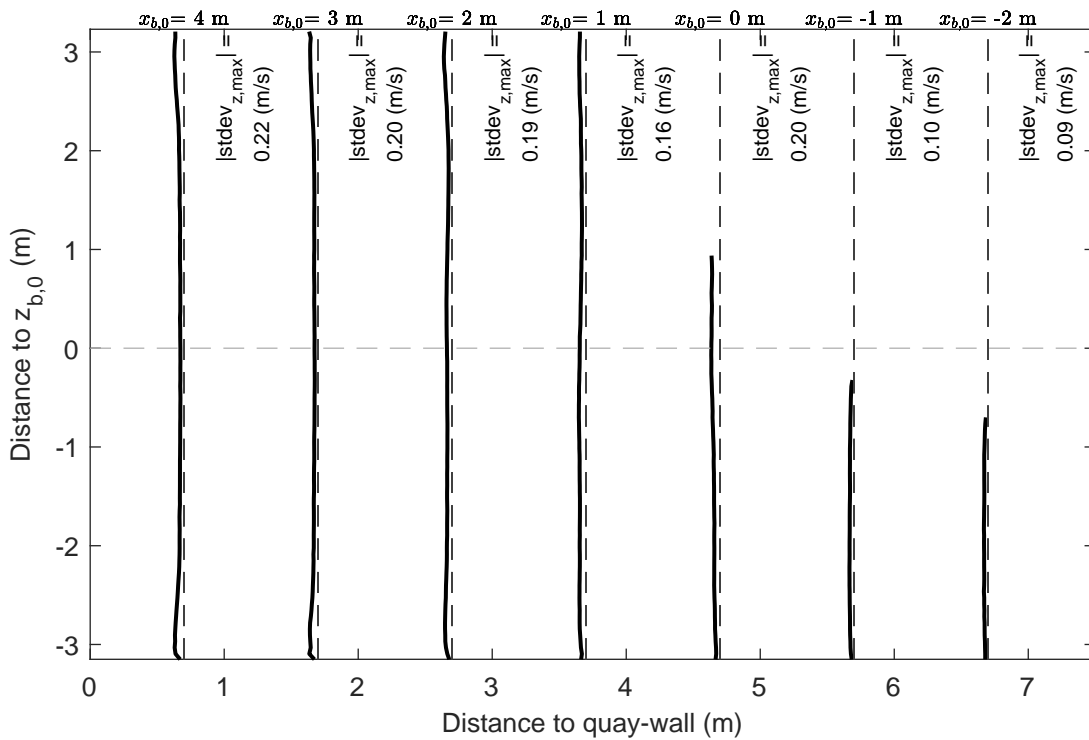
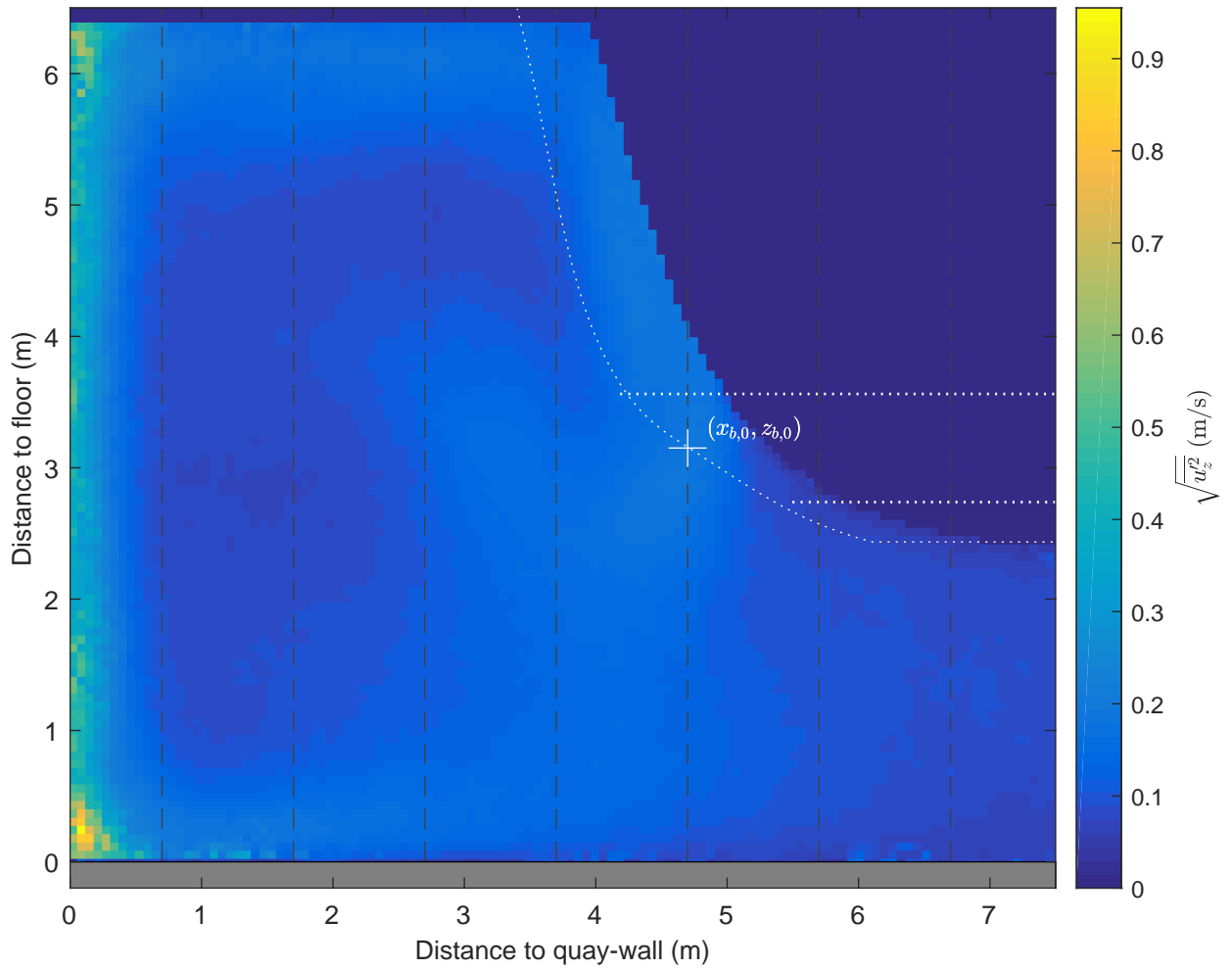
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 5.0$ m, $\Delta y = 2.0$ m, UKC = 2.4 m, $U_{BT2} = 4.8$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP121	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 2.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.8$  m/s

PIV, FOV1

TKI-SOP

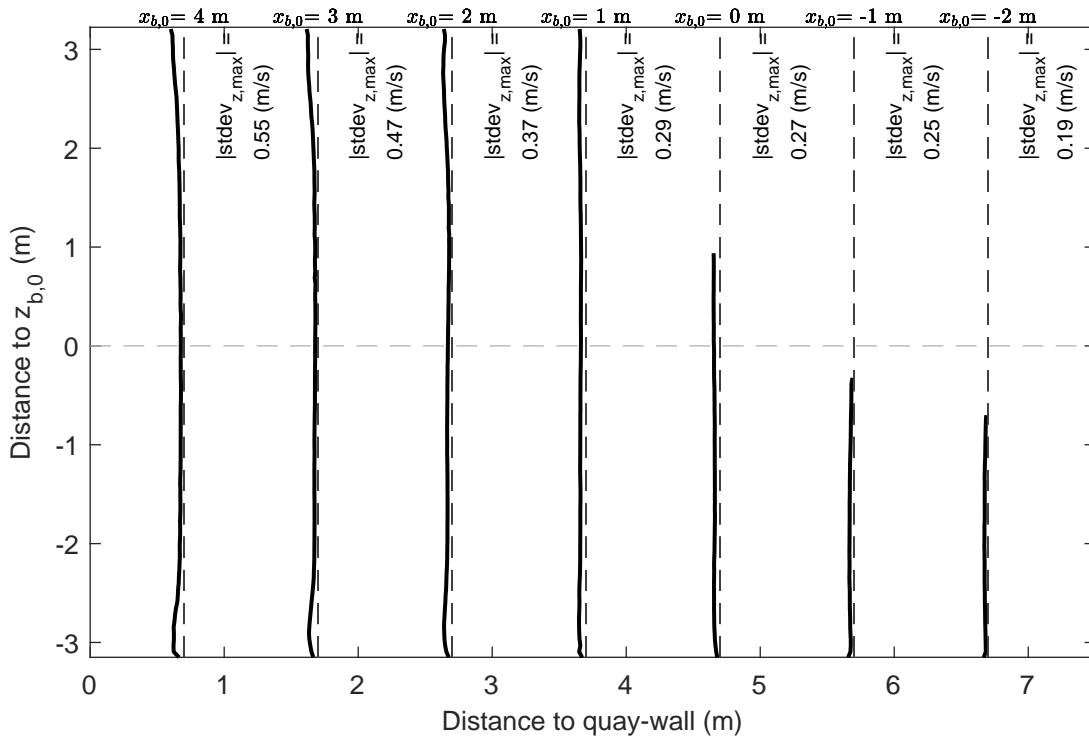
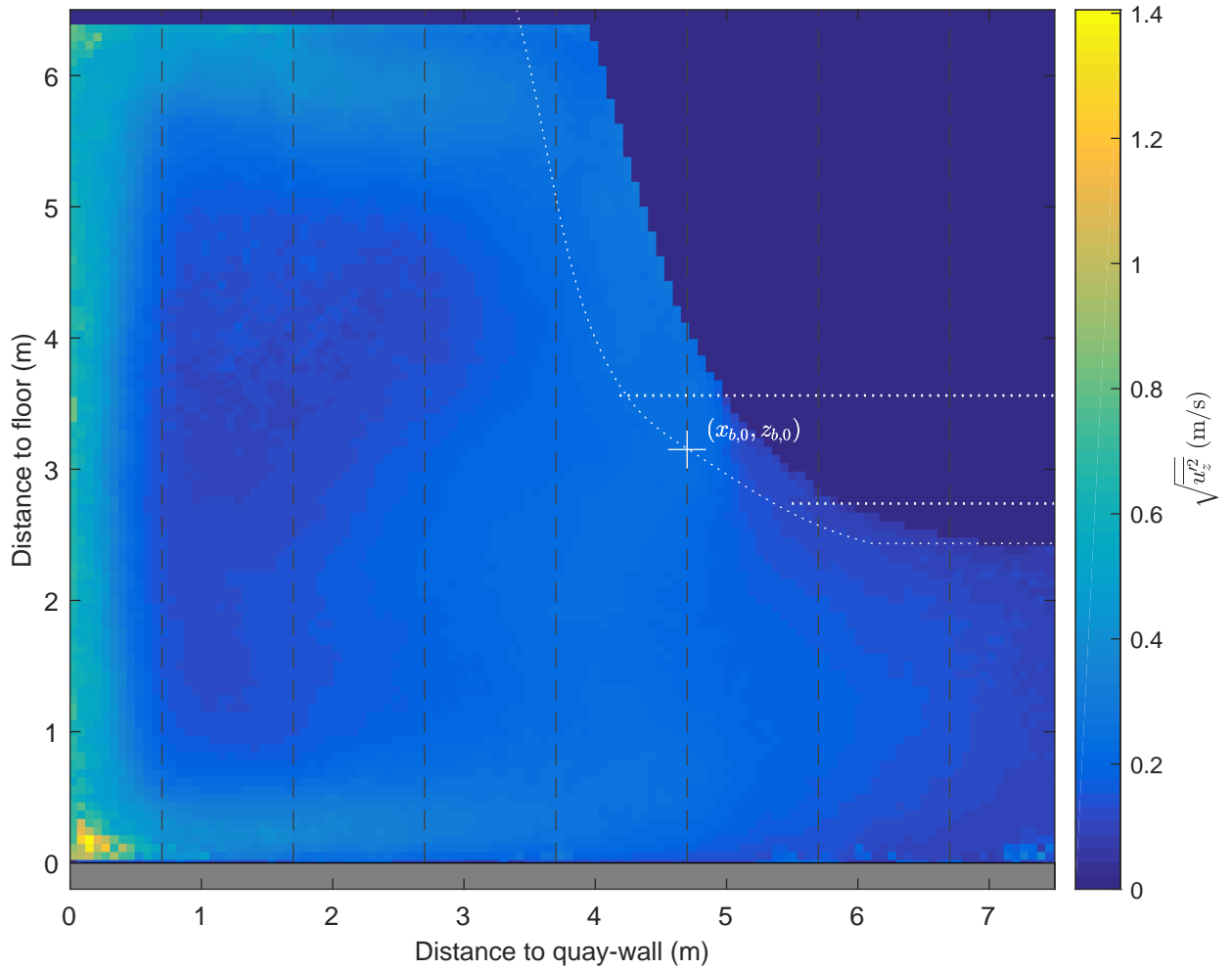
PIVSOP124

**Deltares**

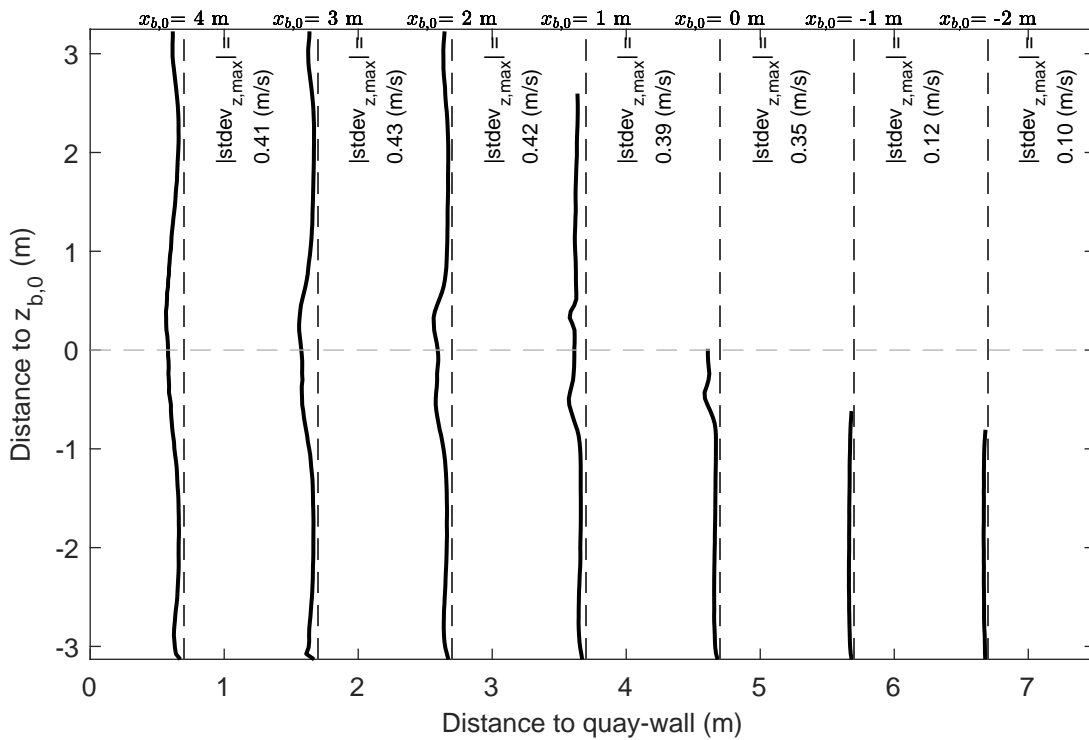
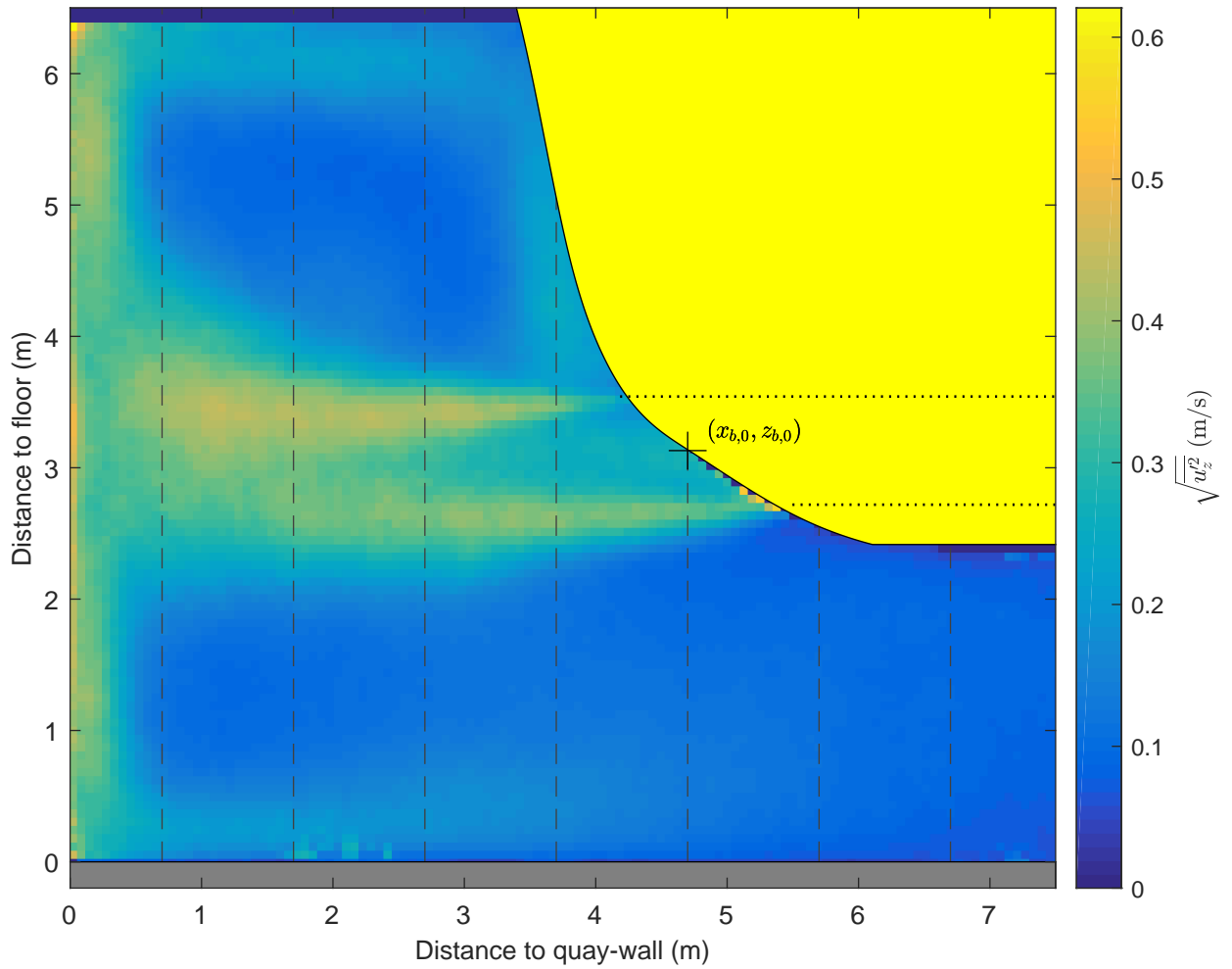
11206641

Fig. G





Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 3.0$ m, $\Delta y = 2.0$ m, UKC = 2.4 m, $U_{BT2} = 5.0$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP126	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{BT2} = 2.8$  m/s

PIV, FOV1

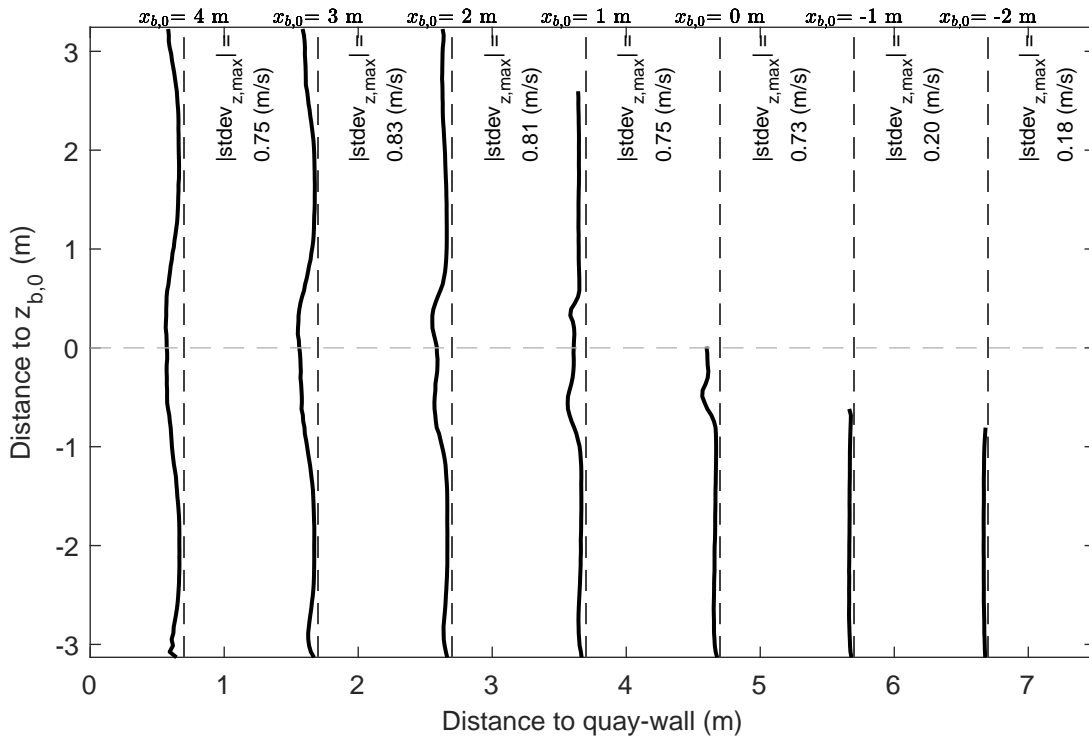
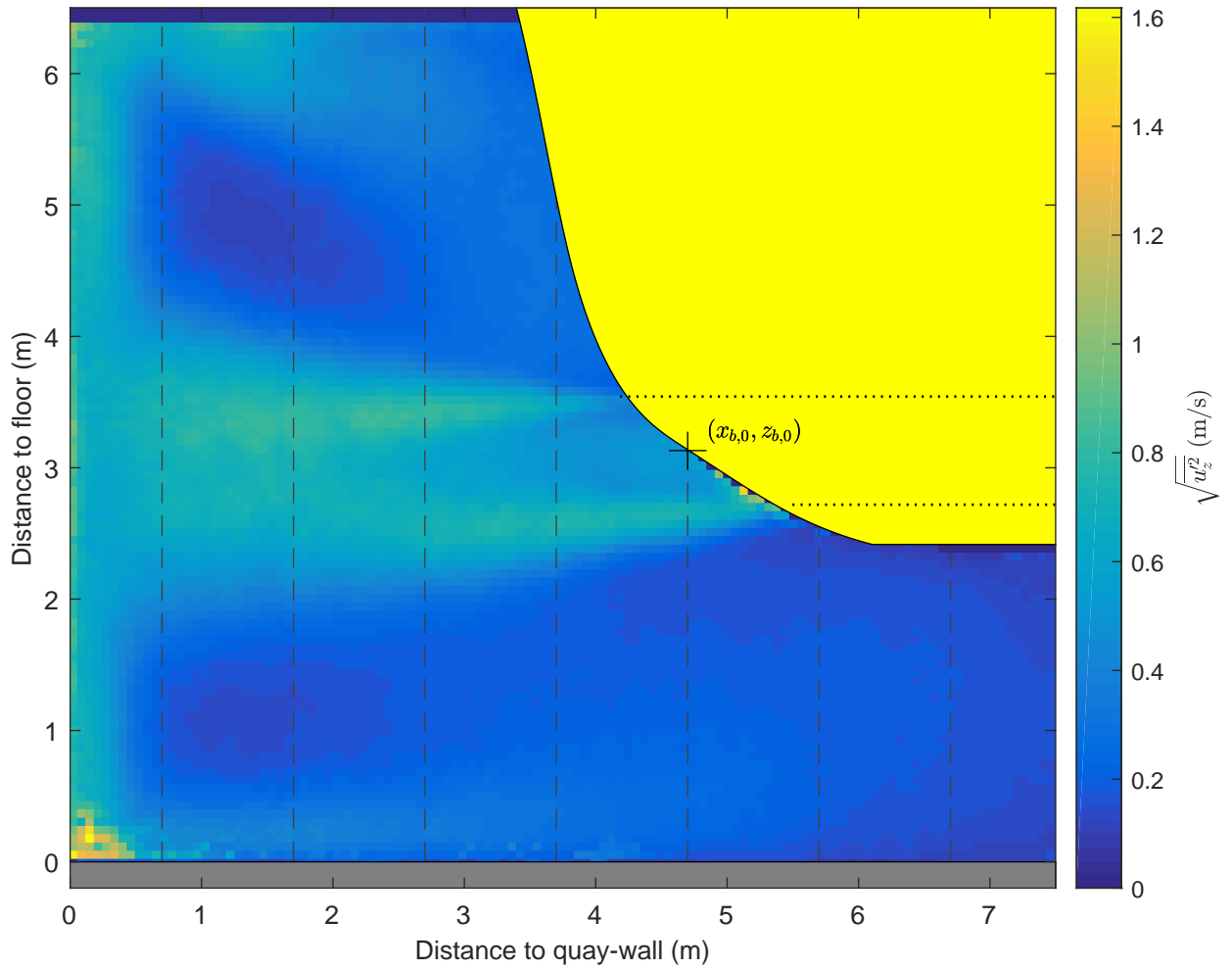
TKI-SOP

PIVSOP131

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 0.0$  m, UKC = 2.4 m,  $U_{\text{BT2}} = 5.0$  m/s

PIV, FOV1

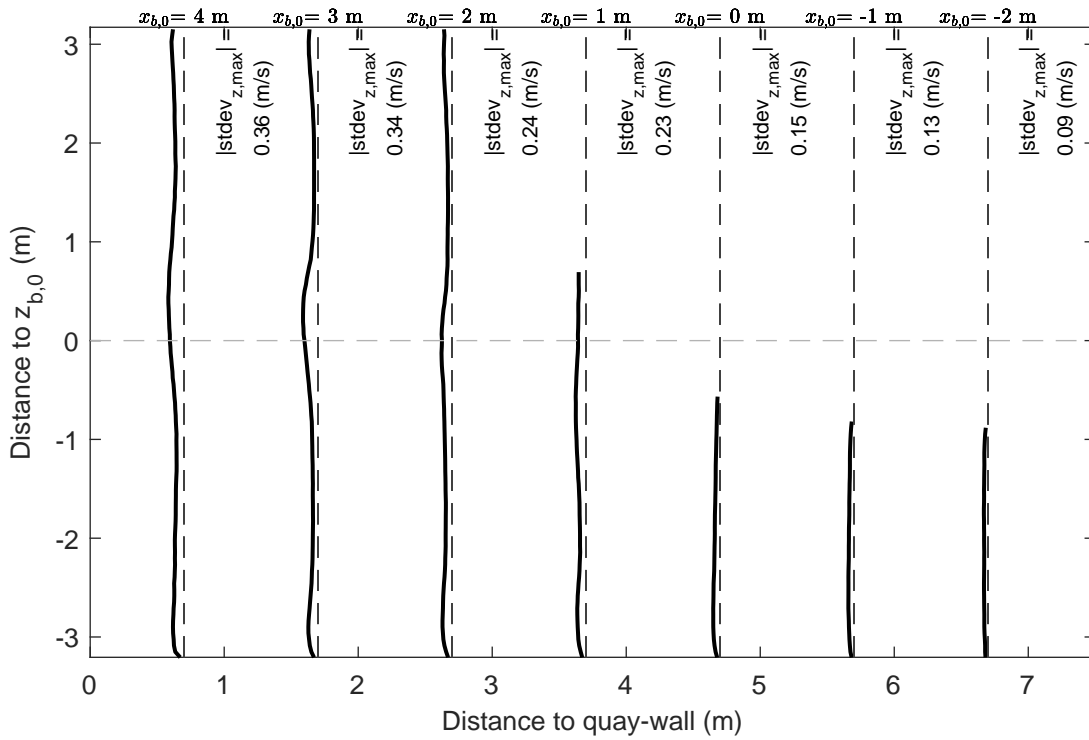
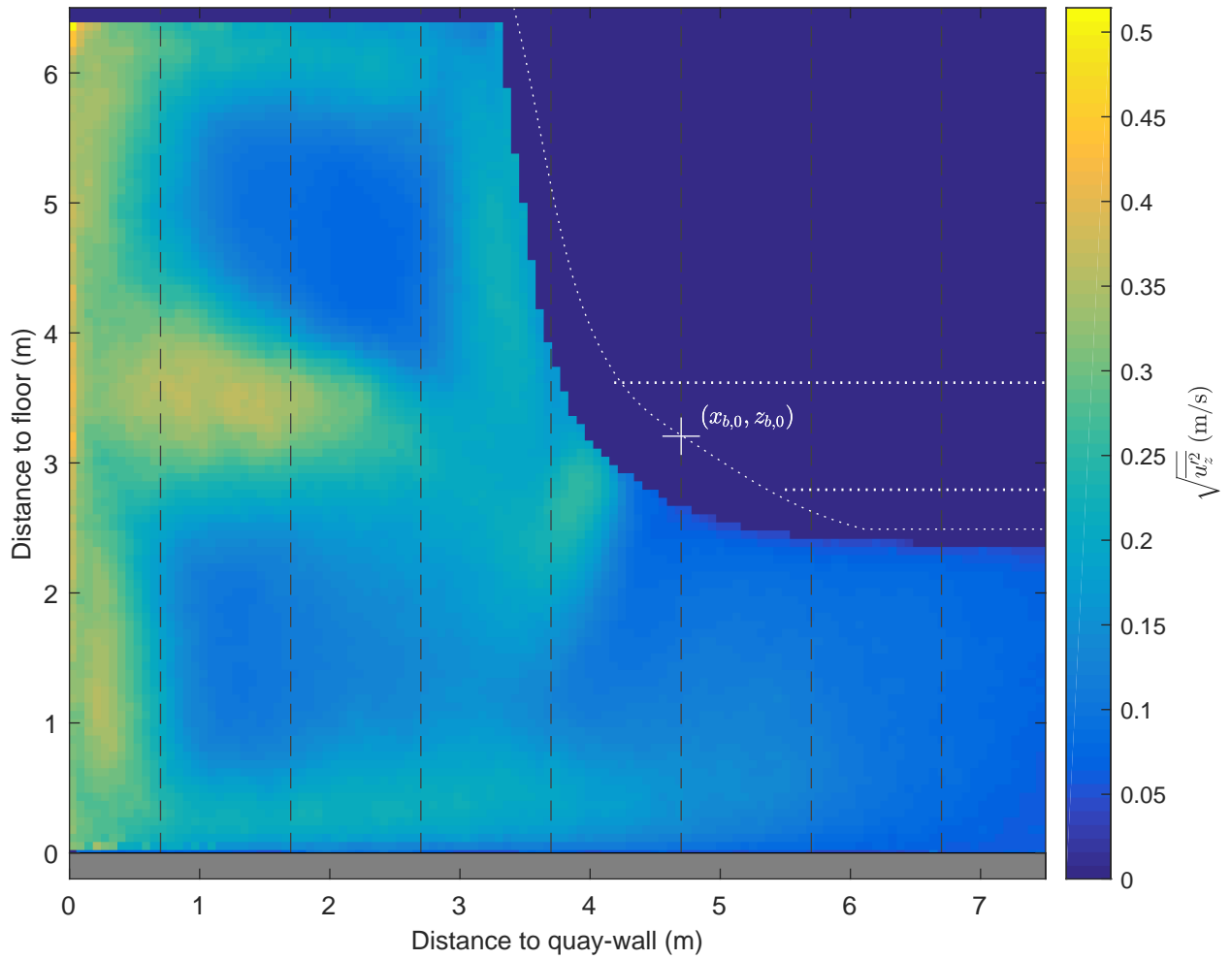
TKI-SOP

PIVSOP133

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{BT2} = 2.8$  m/s

PIV, FOV1

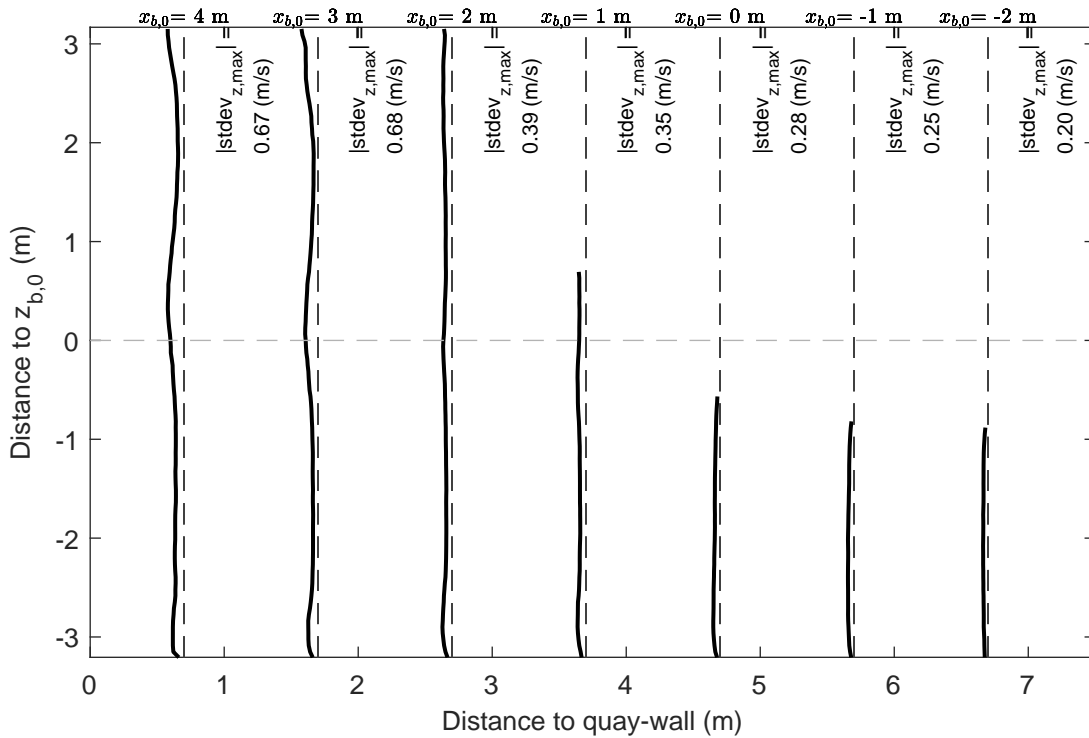
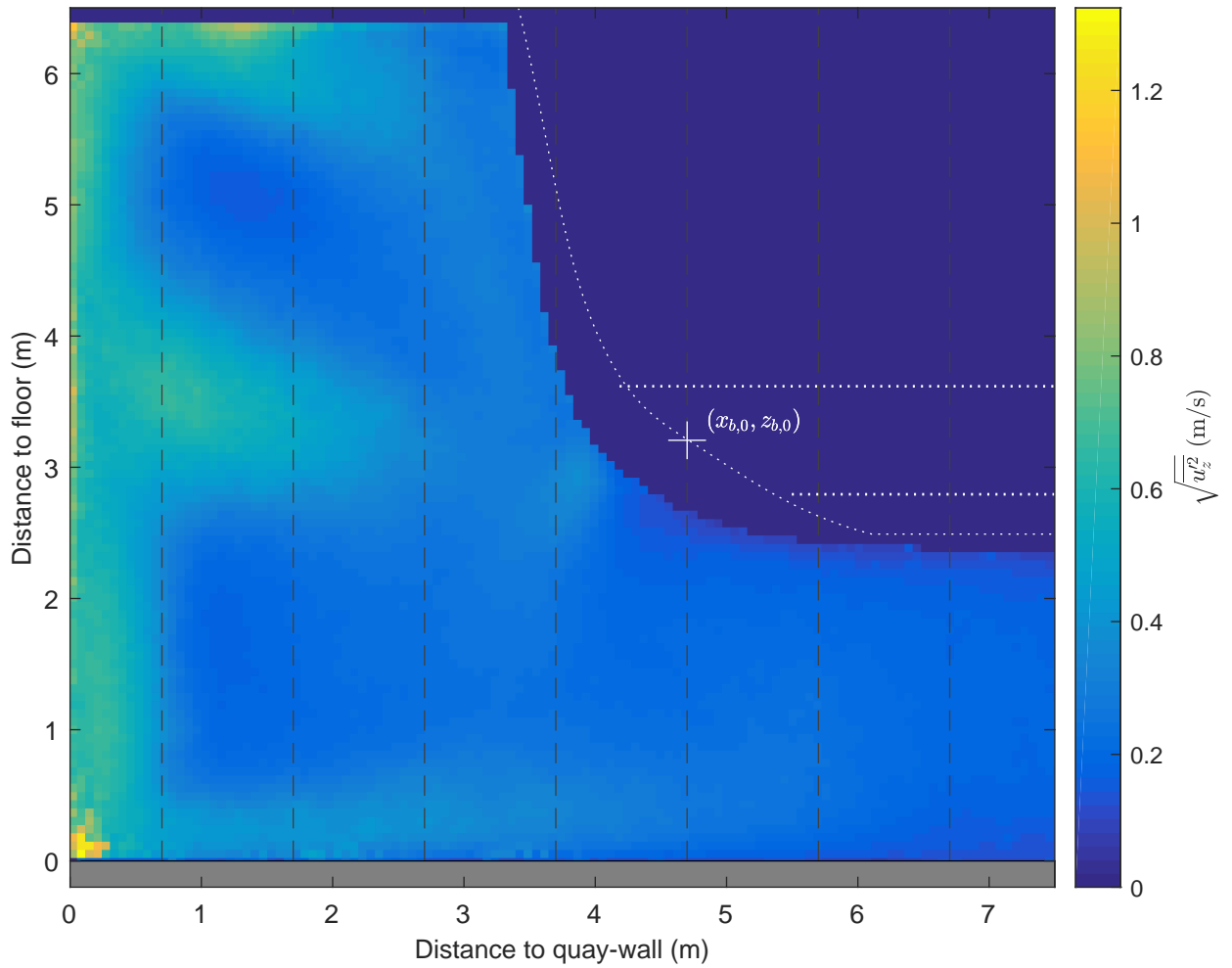
TKI-SOP

PIVSOP135

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{BT2} = 5.0$  m/s

PIV, FOV1

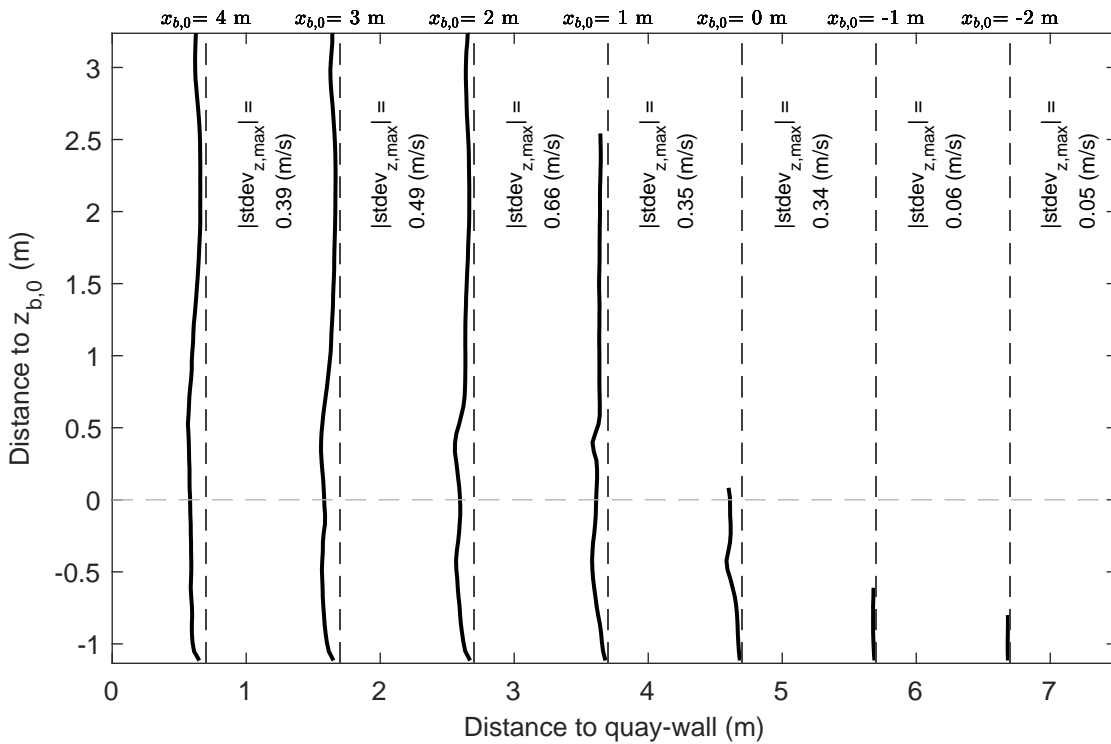
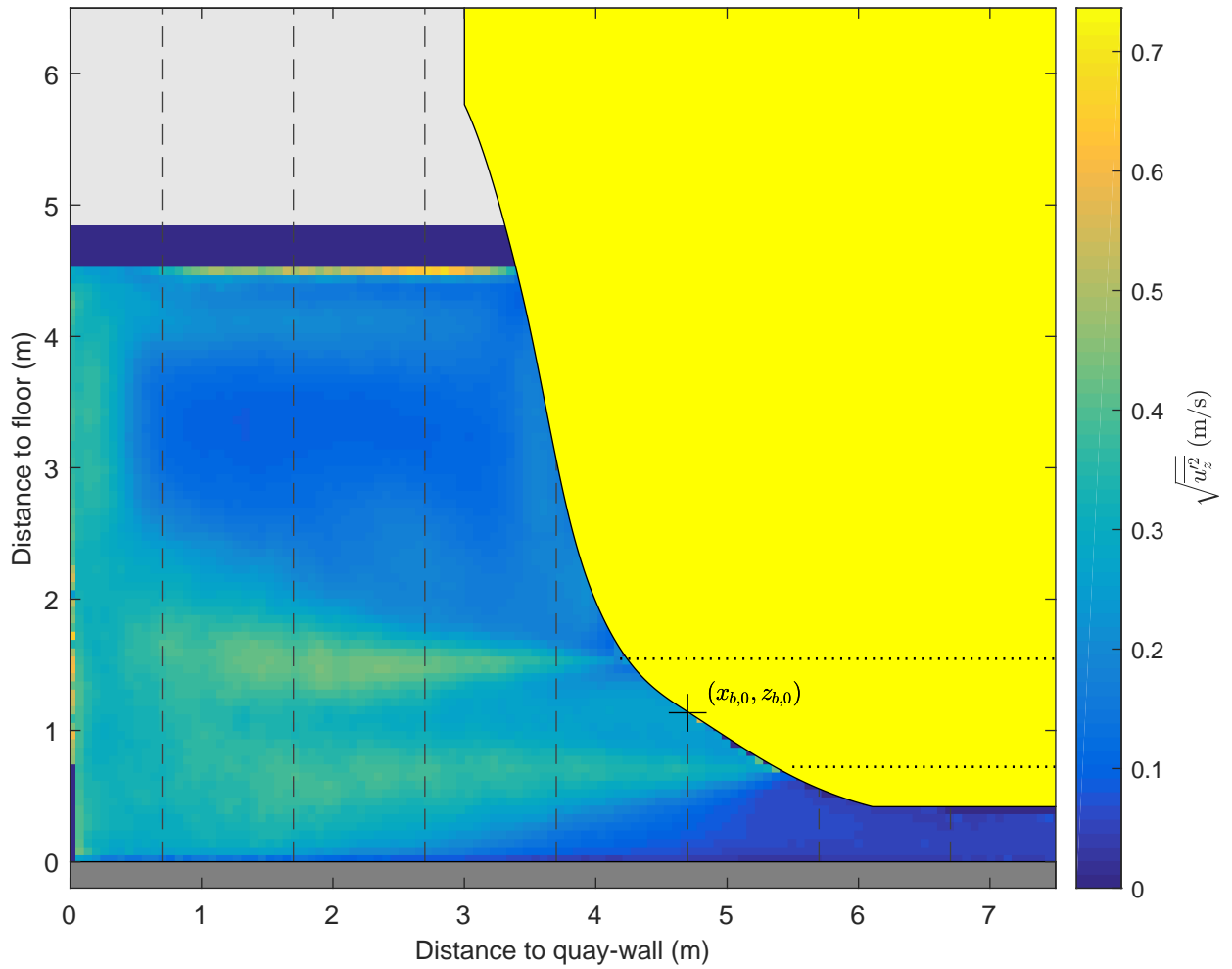
TKI-SOP

PIVSOP137

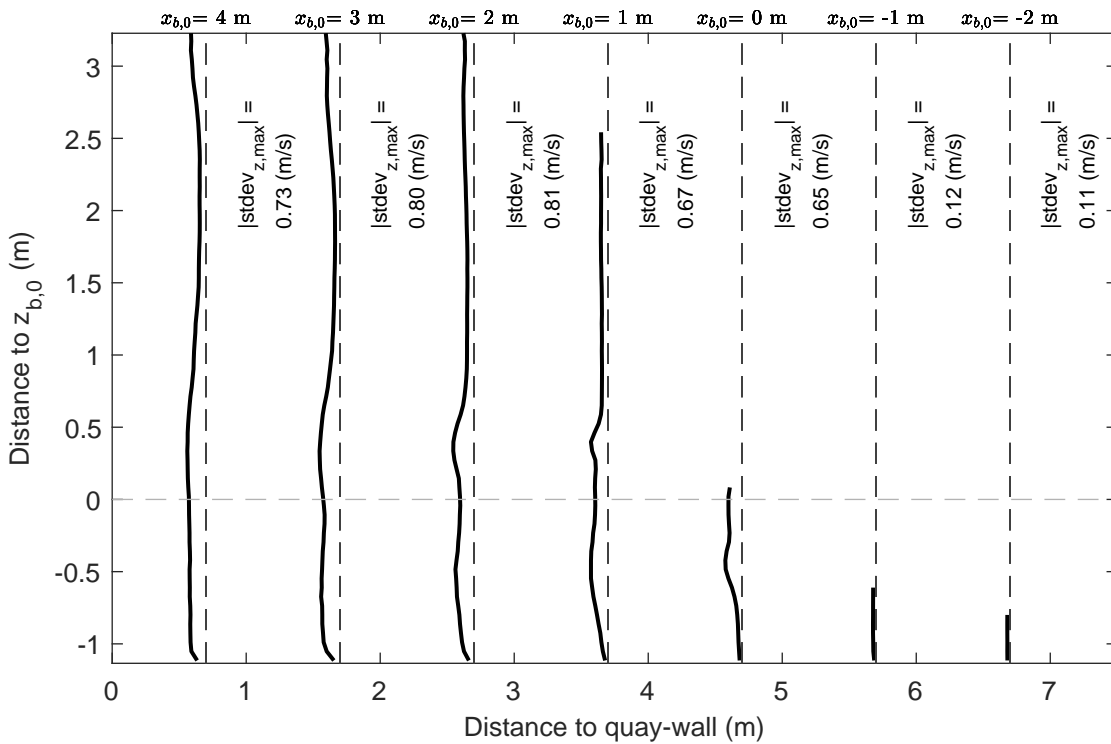
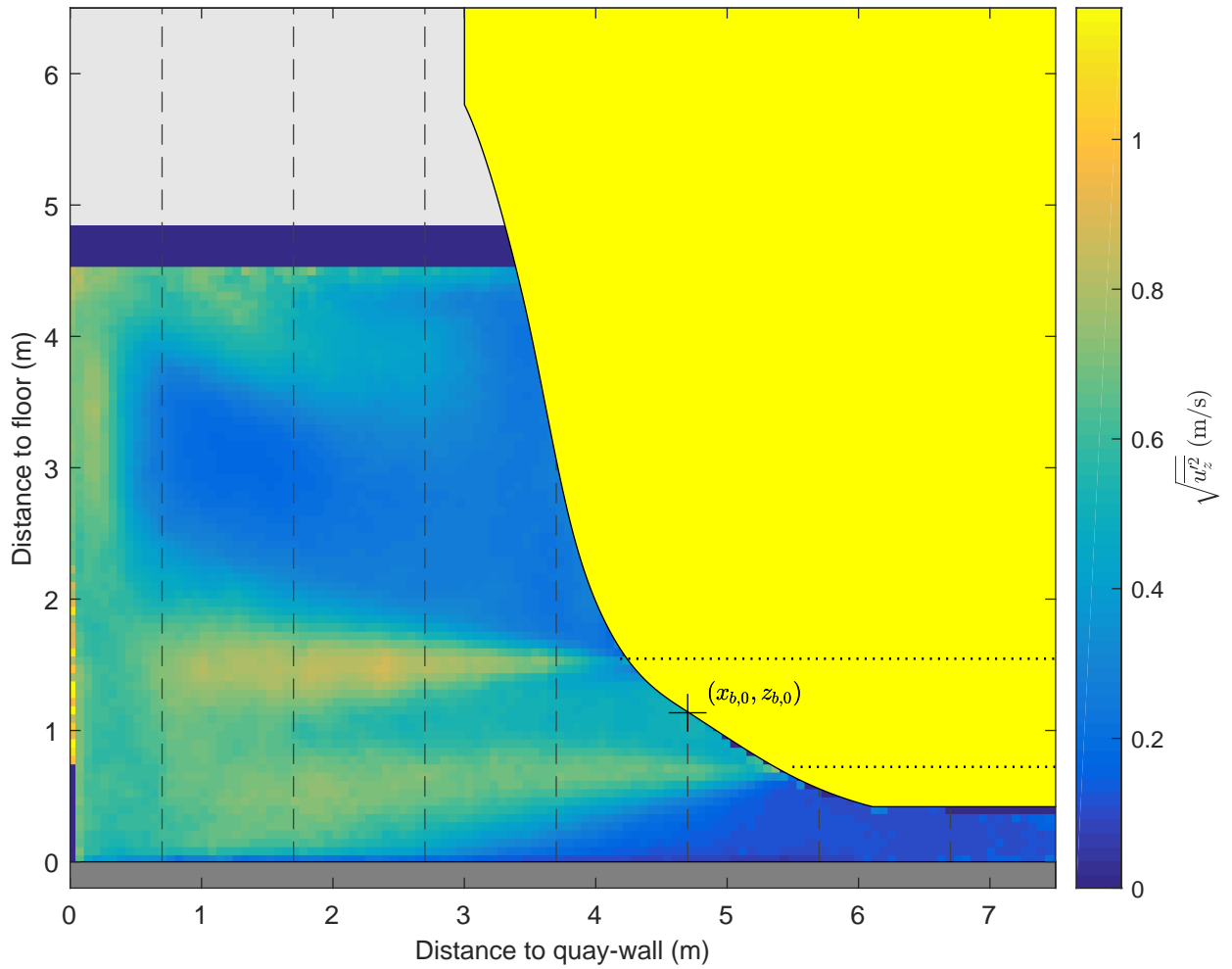
**Deltares**

11206641

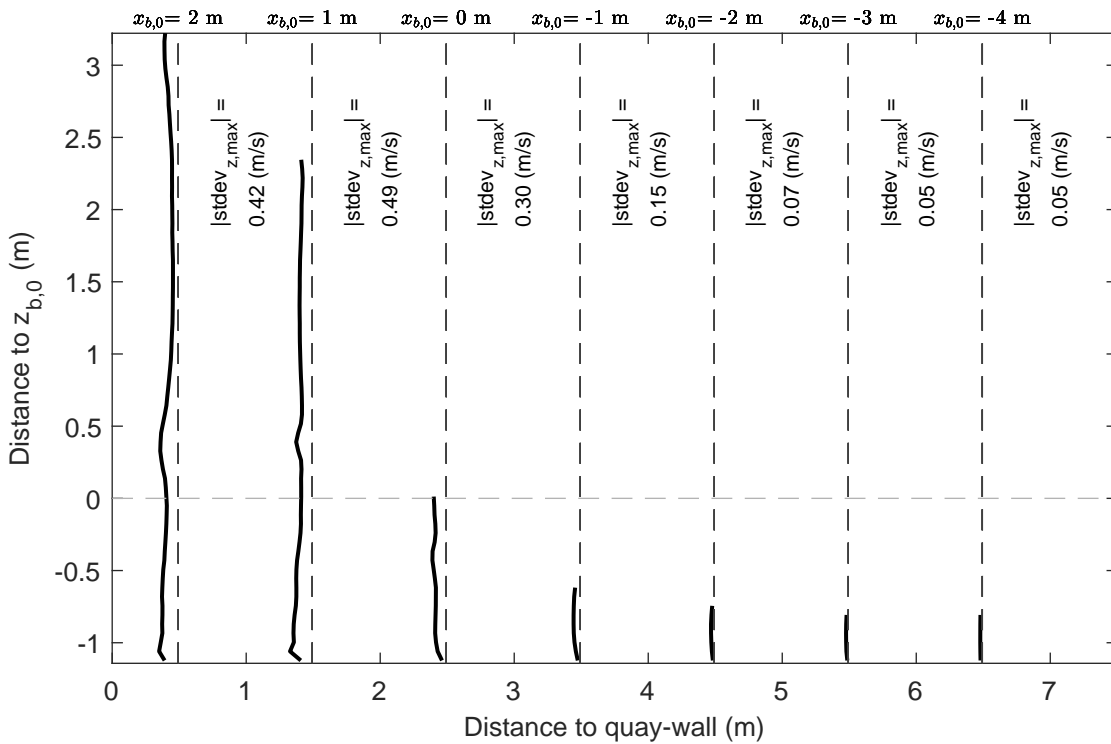
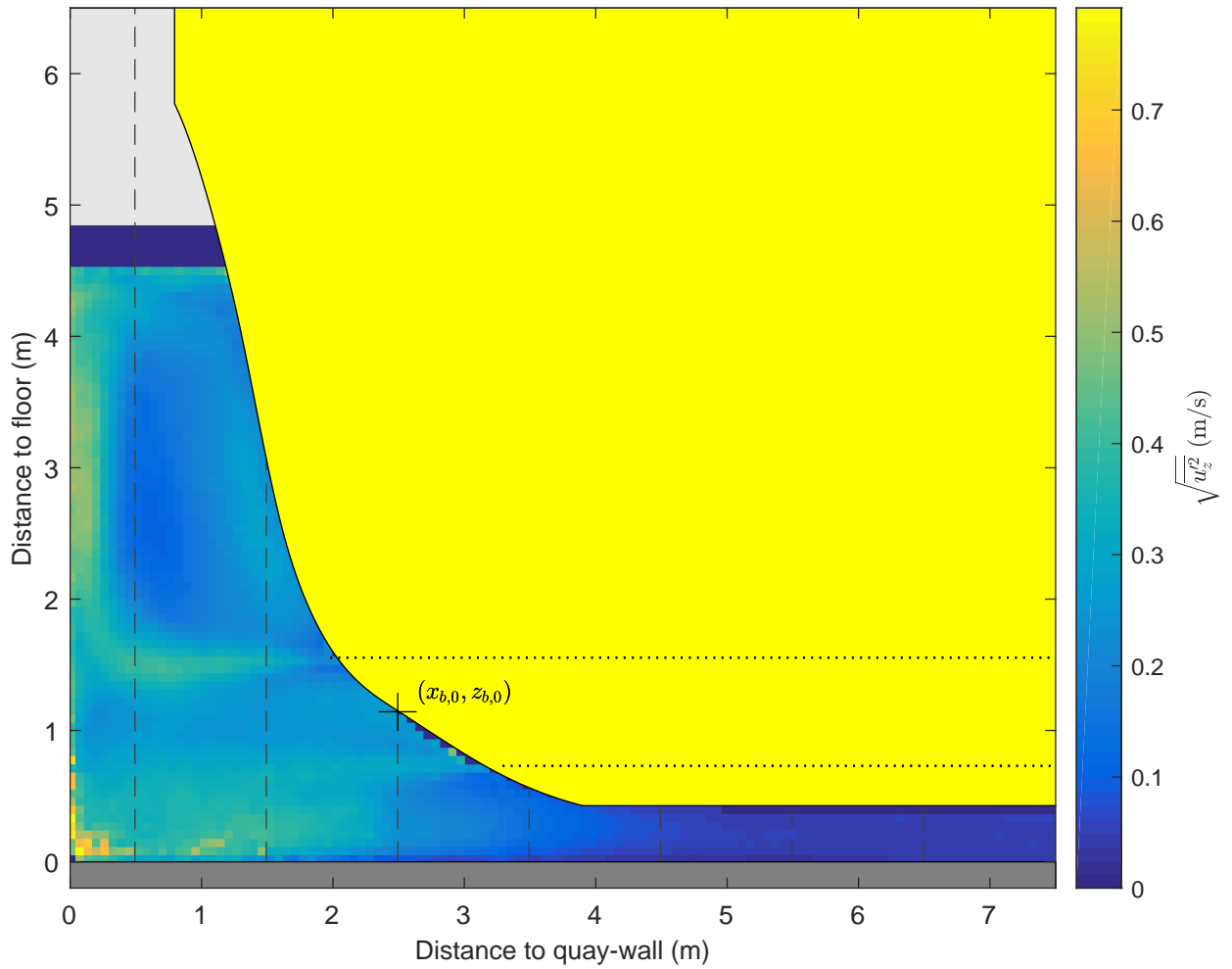
Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 3.0$ m, $\Delta y = 0.0$ m, UKC = 0.4 m, $U_{\text{BT}2} = 2.6$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP140	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 3.0$ m, $\Delta y = 0.0$ m, UKC = 0.4 m, $U_{\text{BT}2} = 4.8$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP142	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 0.4 m,  $U_{BT2} = 2.7$  m/s

PIV, FOV1

TKI-SOP

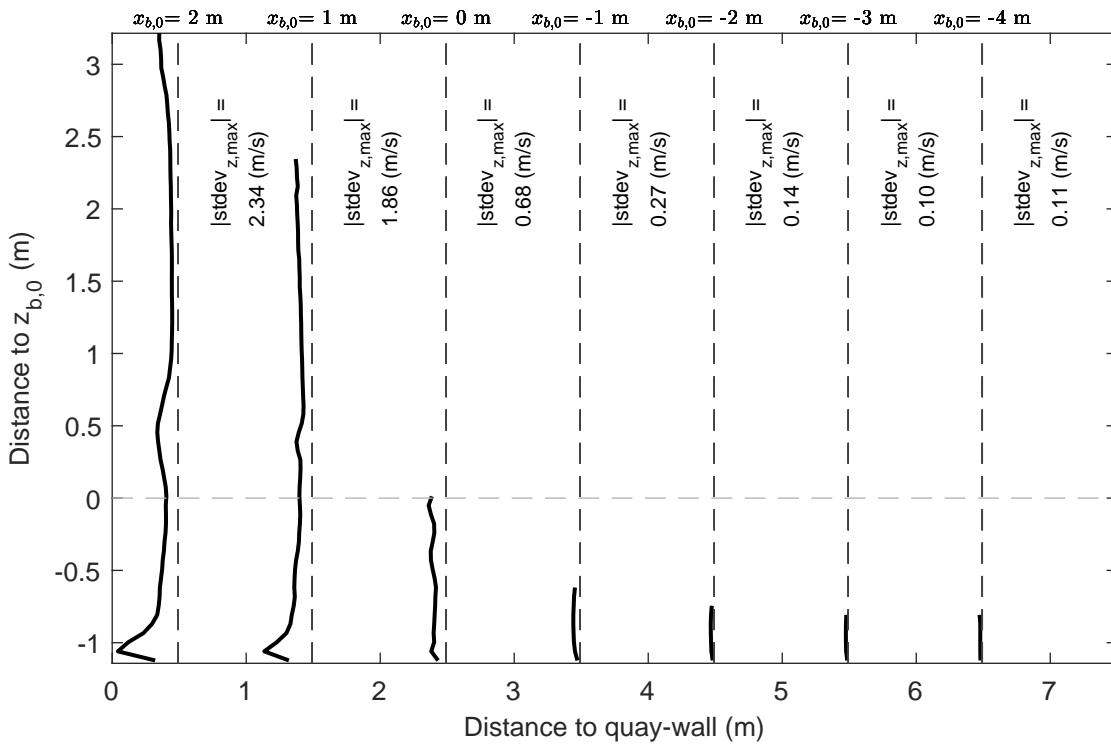
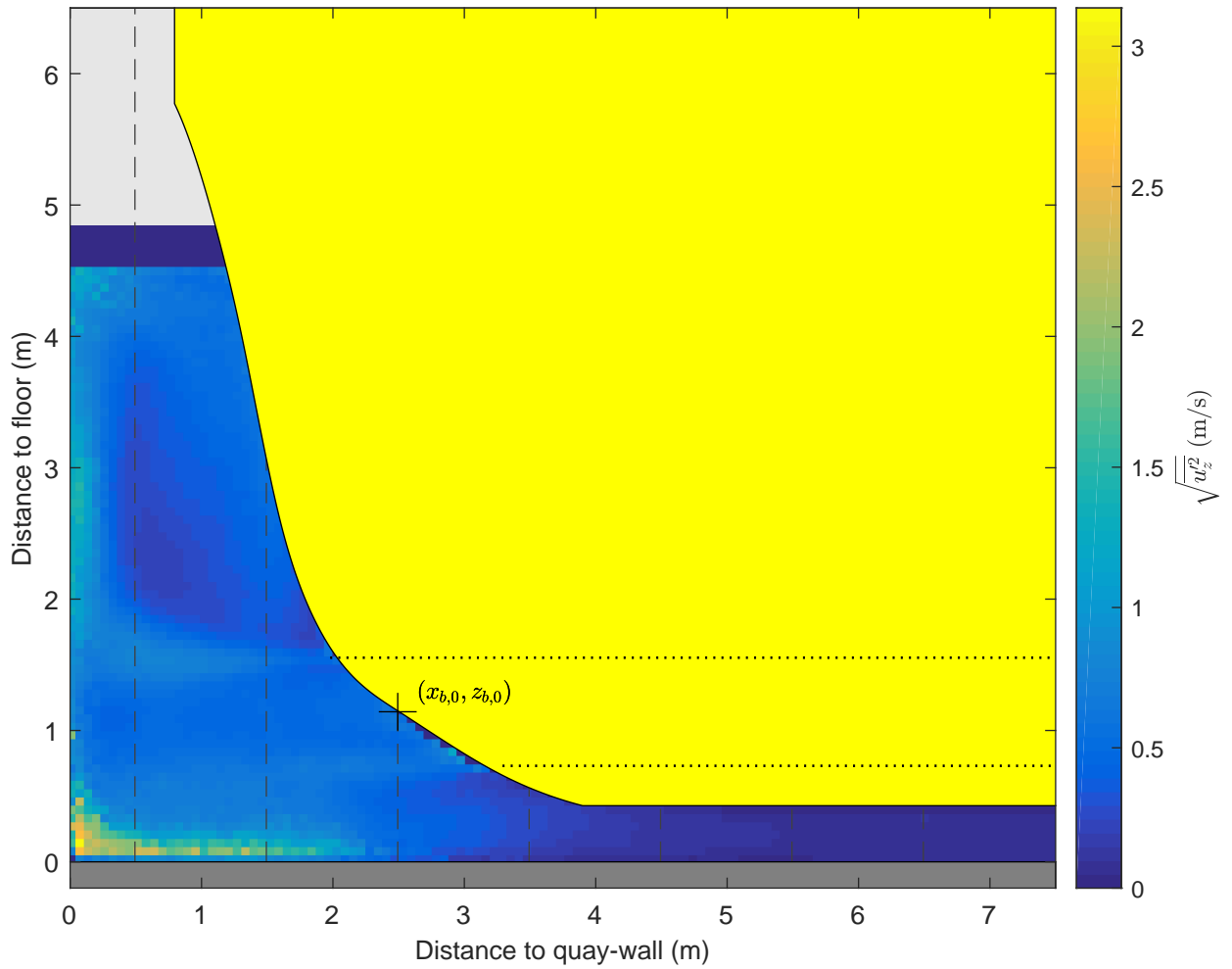
PIVSOP144

Deltares

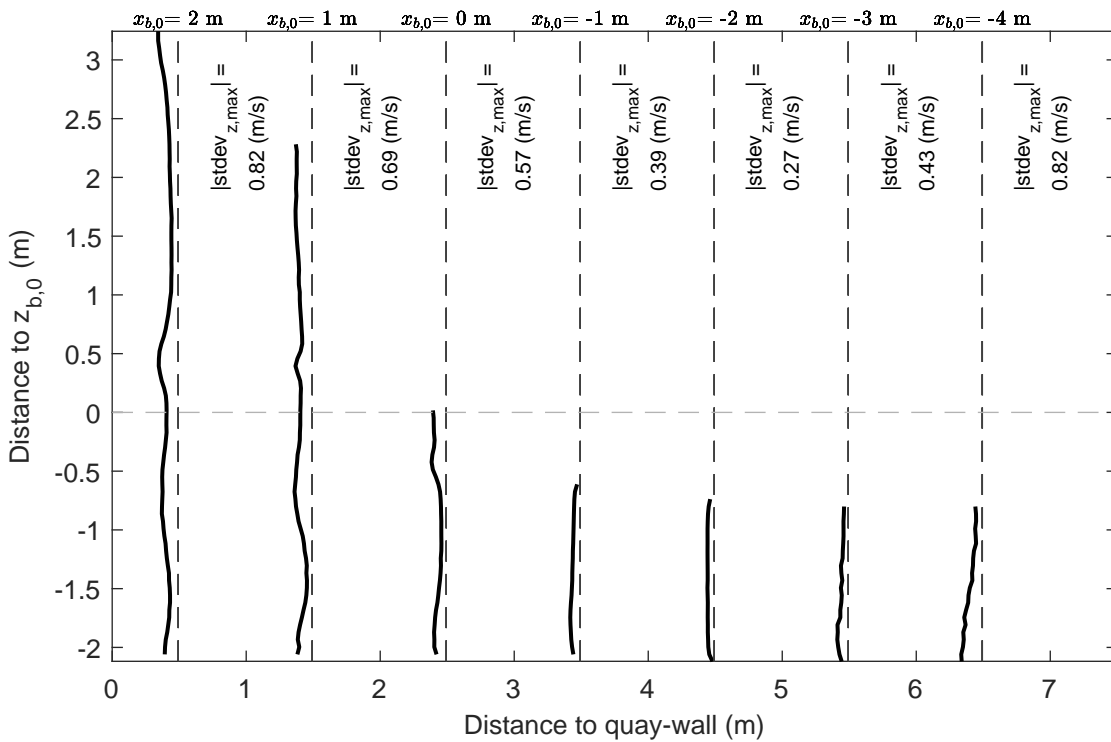
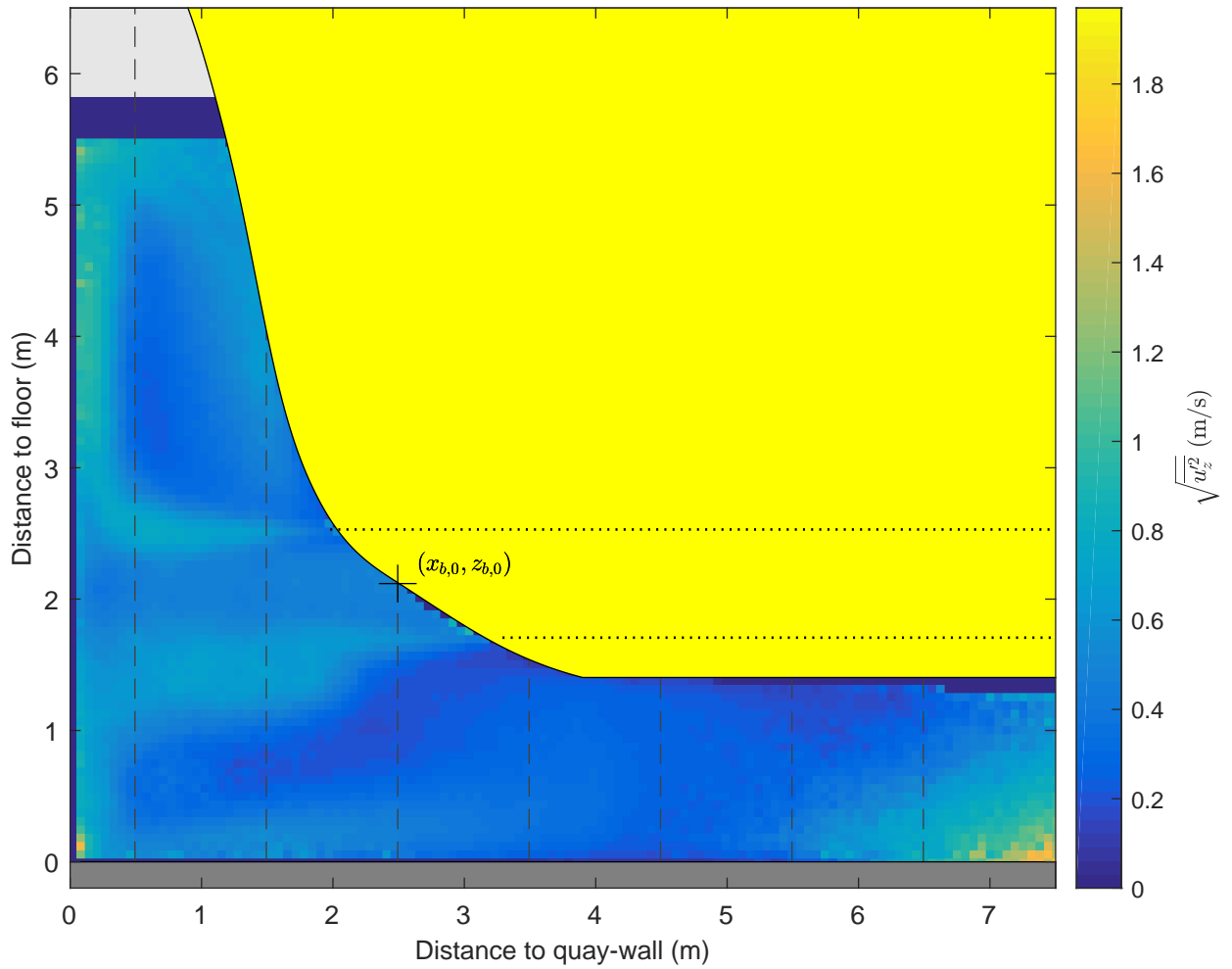
11206641

Fig. G





Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 0.0 \text{ m}$ , UKC = 0.4 m, $U_{BT2} = 4.7 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP146	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 1.4 m,  $U_{BT2} = 4.8$  m/s

PIV, FOV1

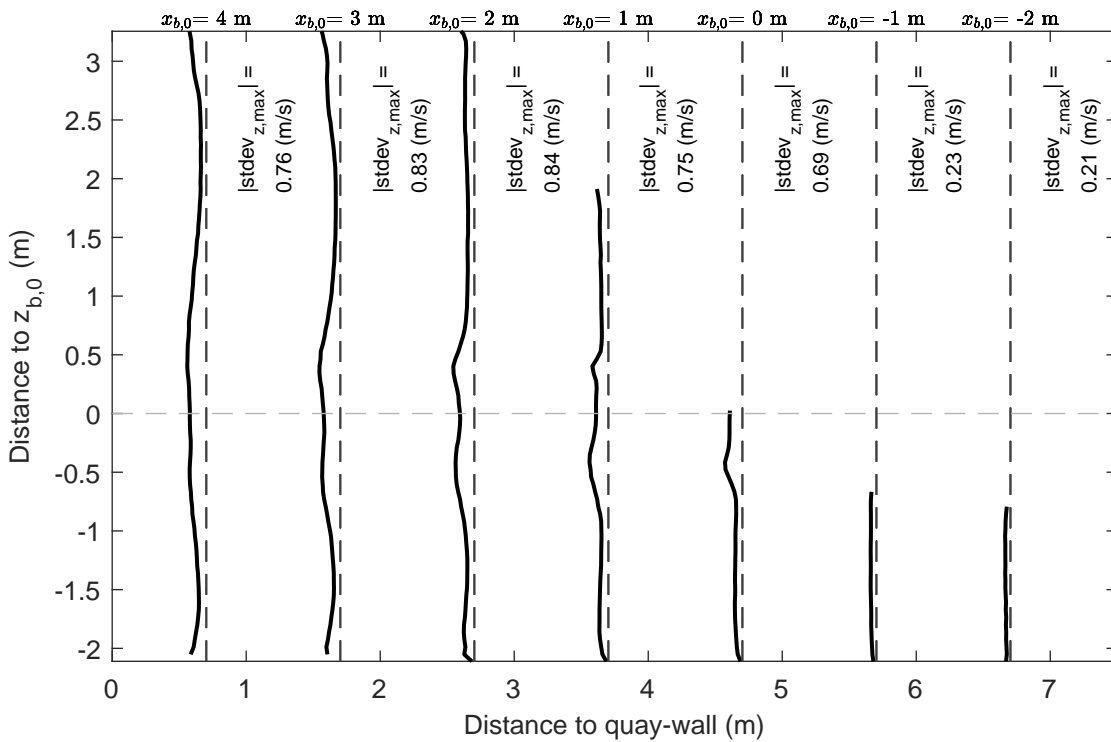
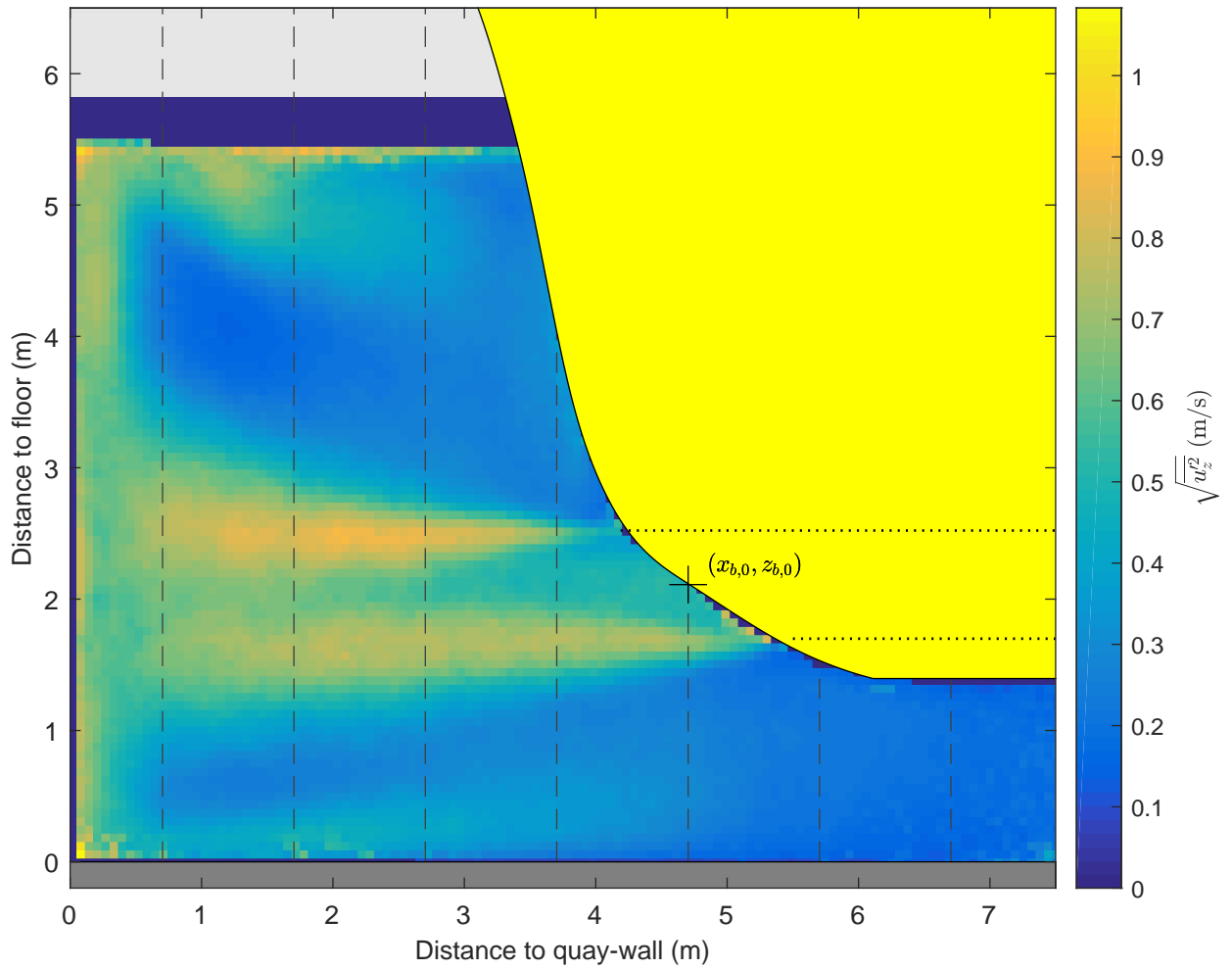
TKI-SOP

PIVSOP150

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 0.0$  m, UKC = 1.4 m,  $U_{\text{BT}2} = 4.8$  m/s

PIV, FOV1

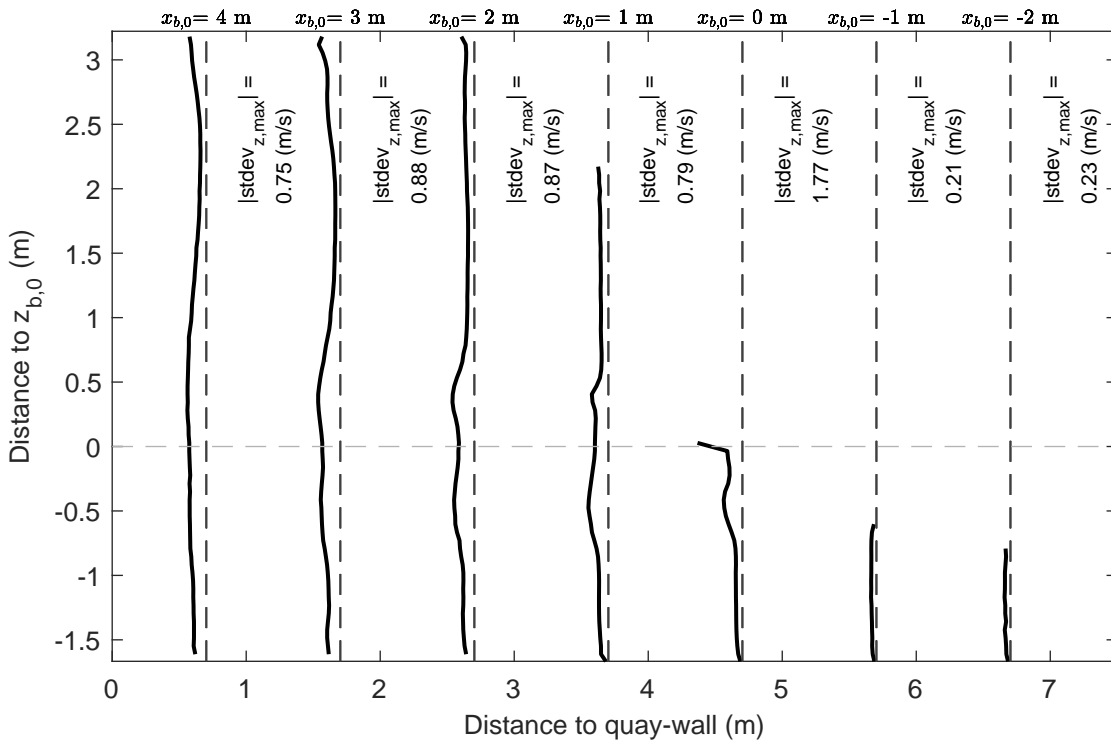
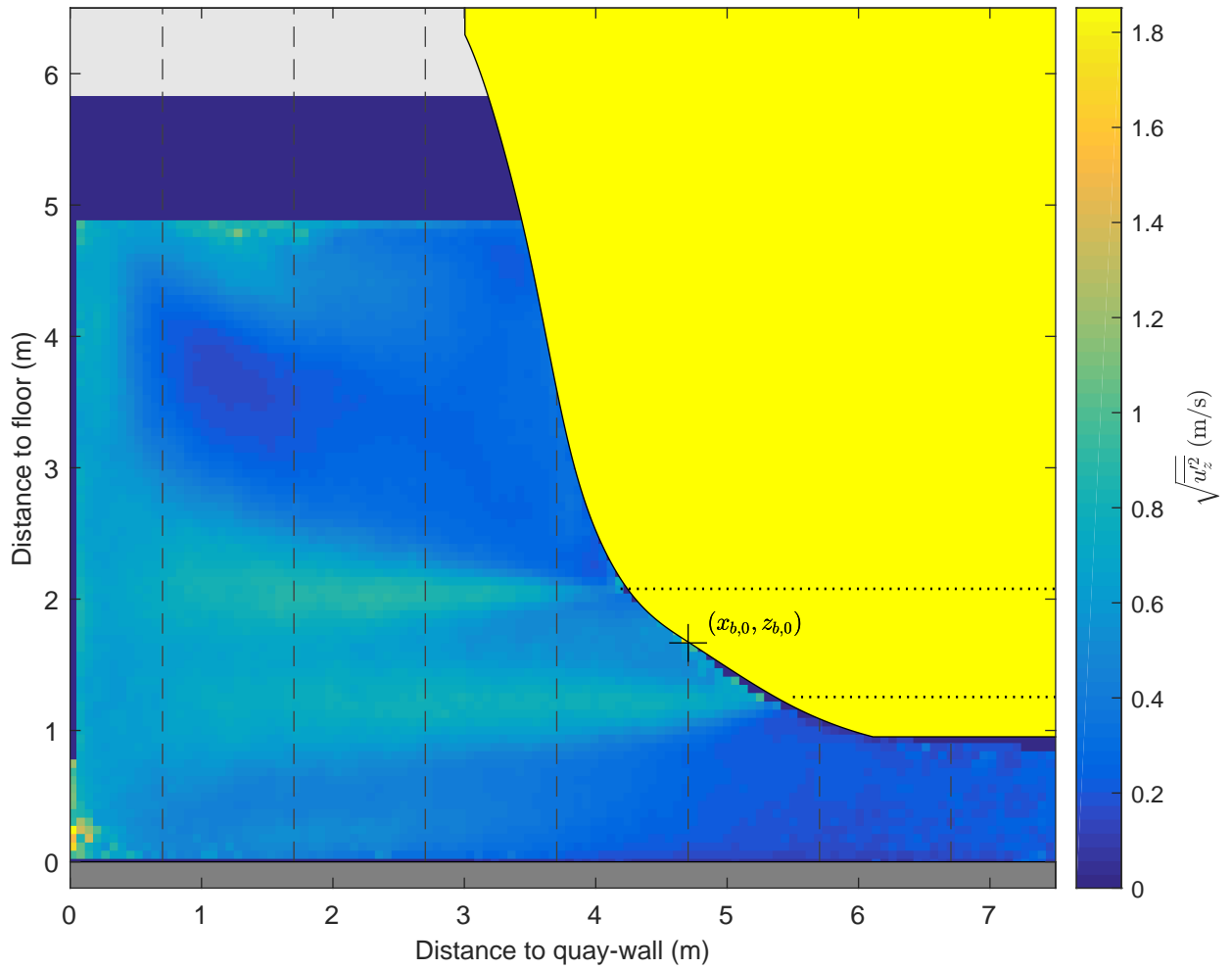
TKI-SOP

PIVSOP154

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 0.0$  m, UKC = 0.9 m,  $U_{\text{BT}2} = 4.8$  m/s

PIV, FOV1

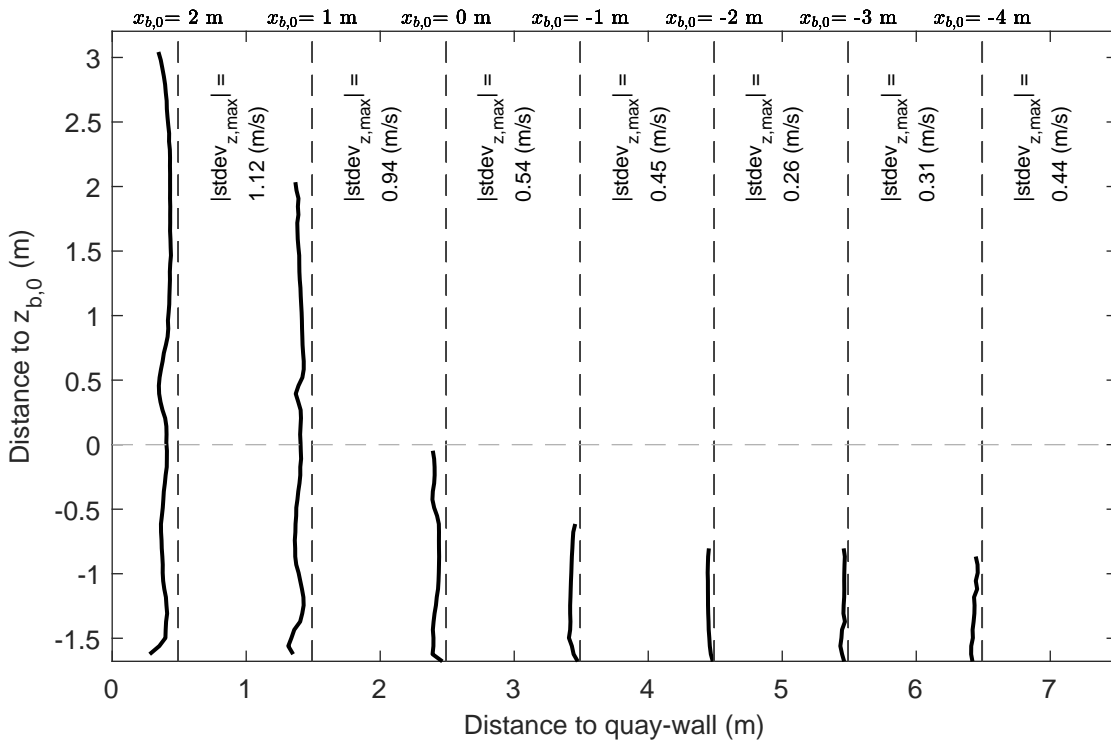
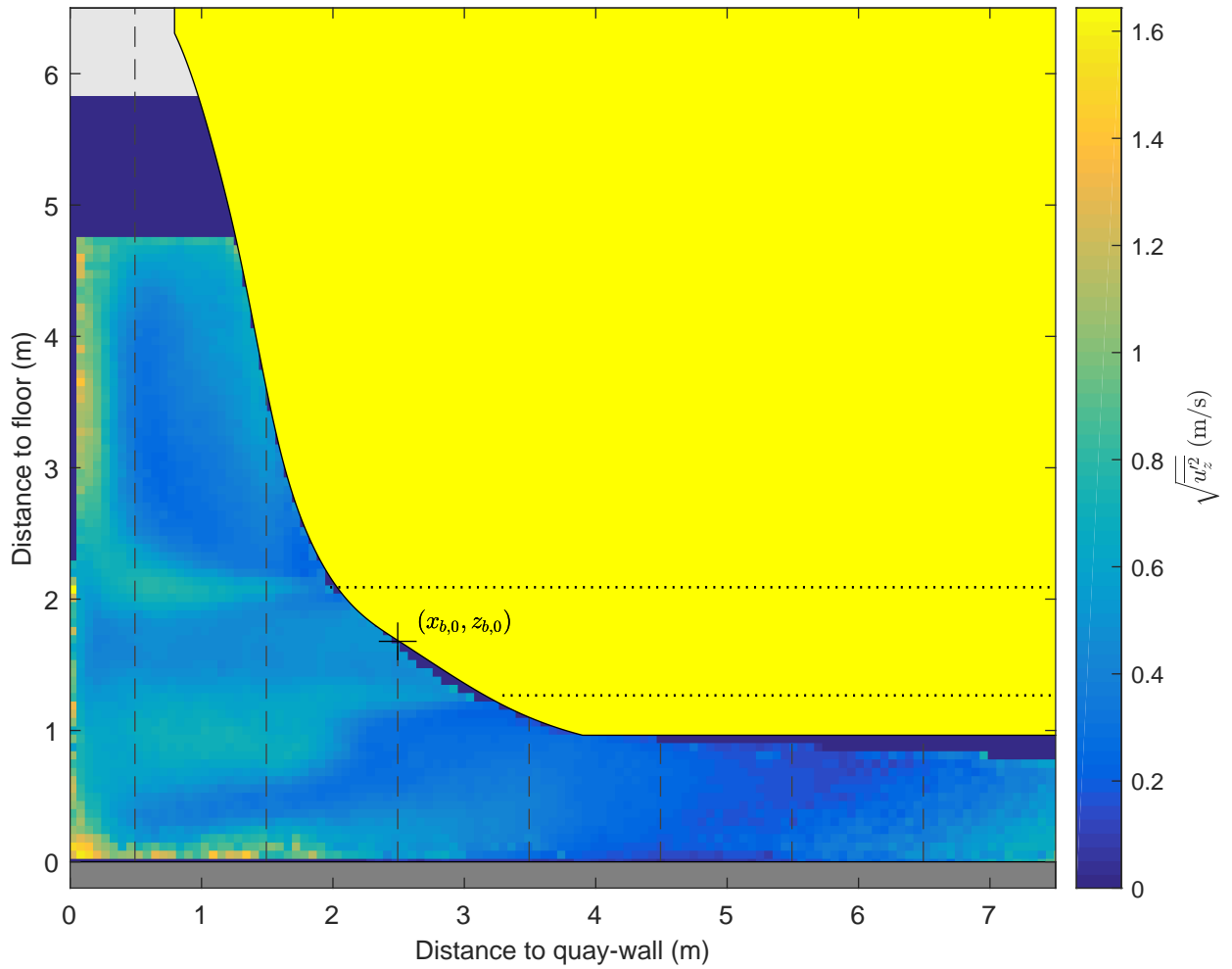
TKI-SOP

PIVSOP158

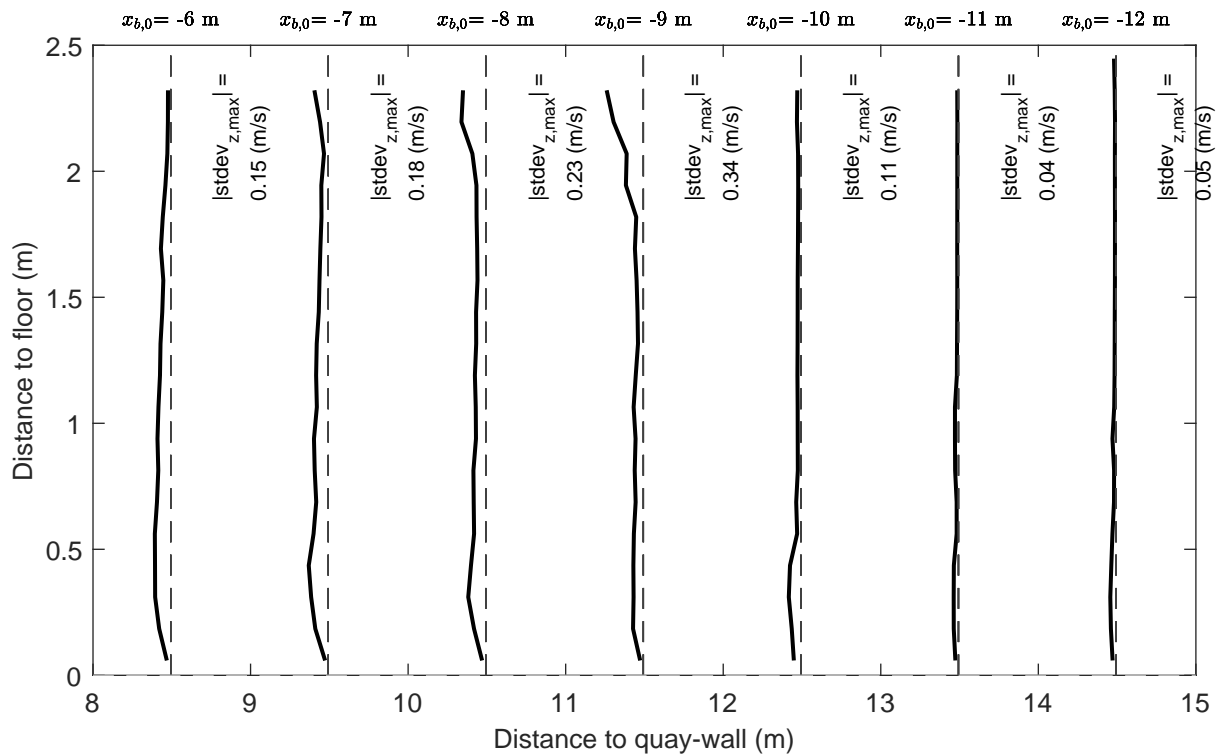
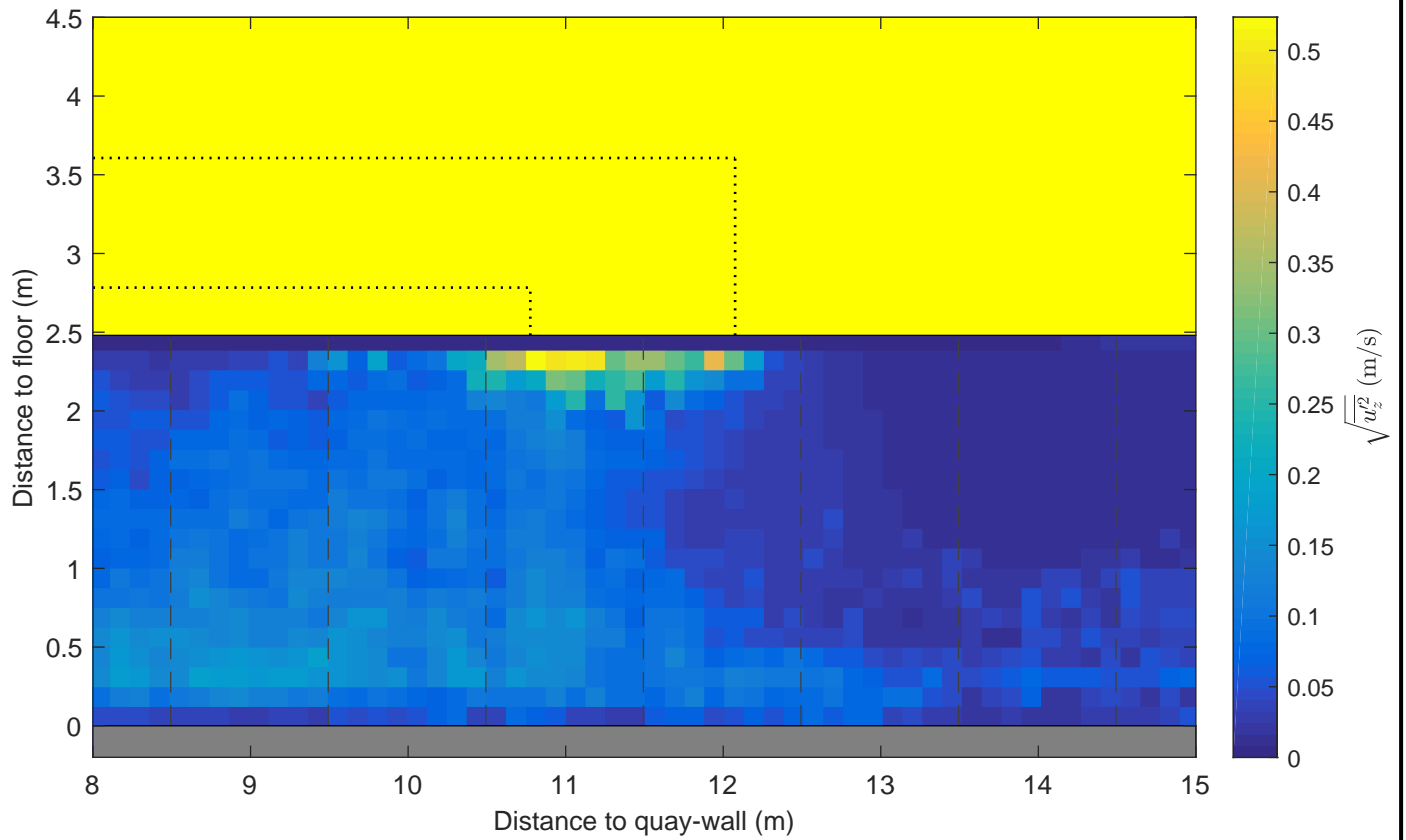
**Deltares**

11206641

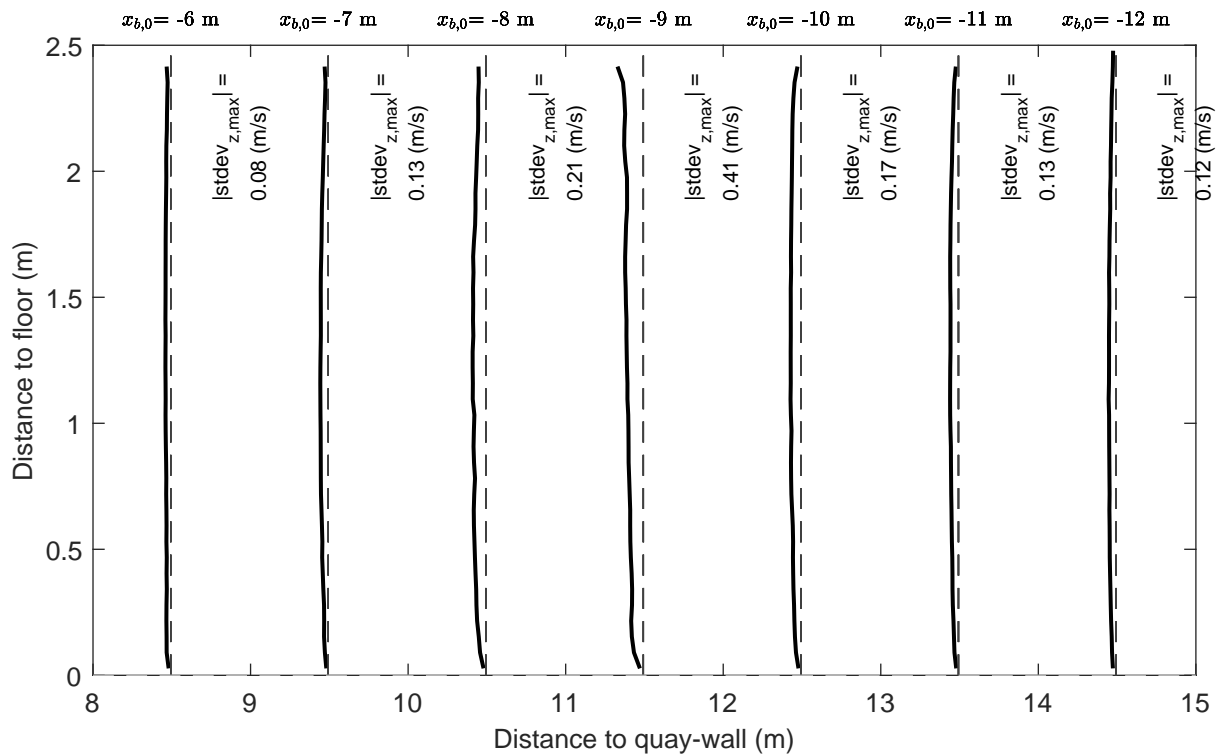
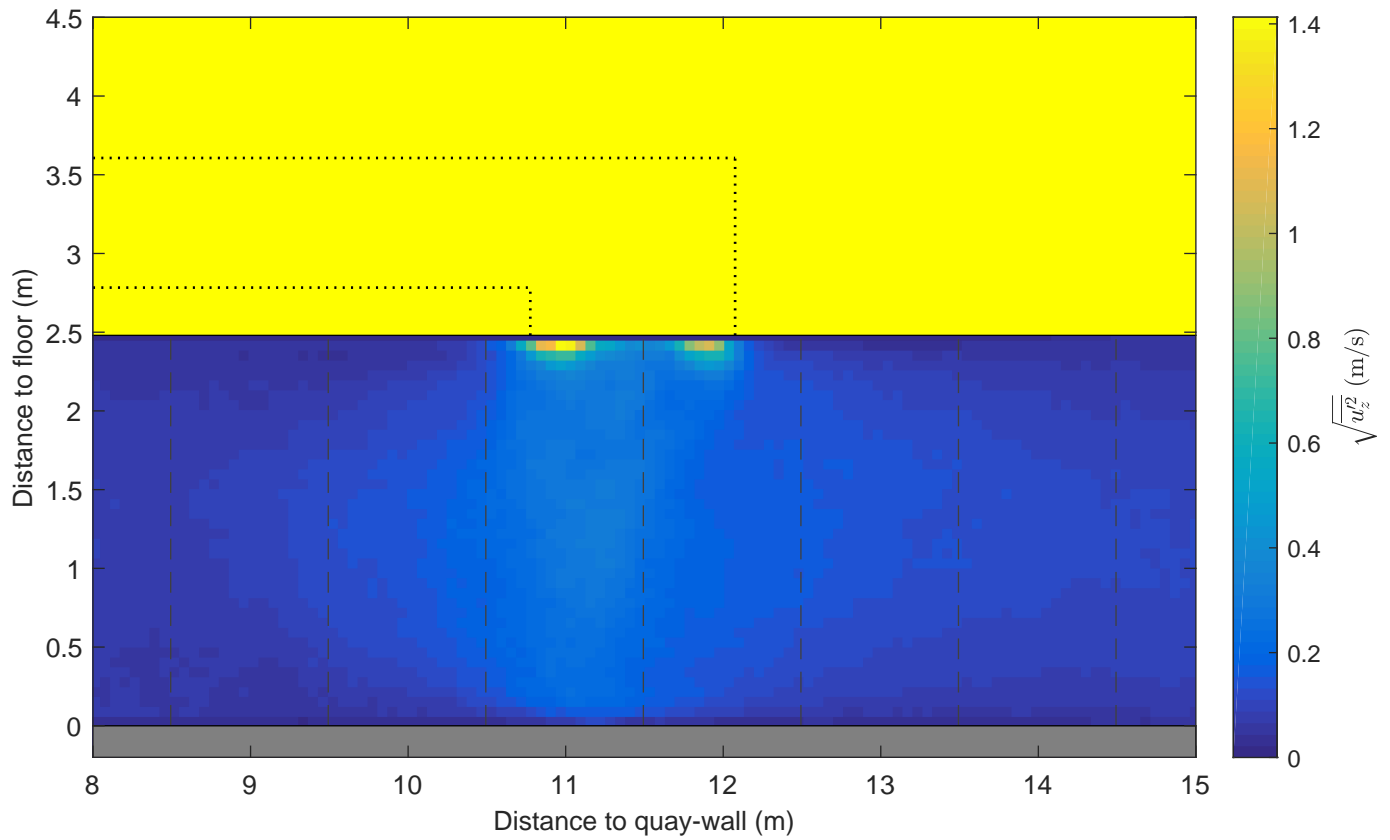
Fig. G



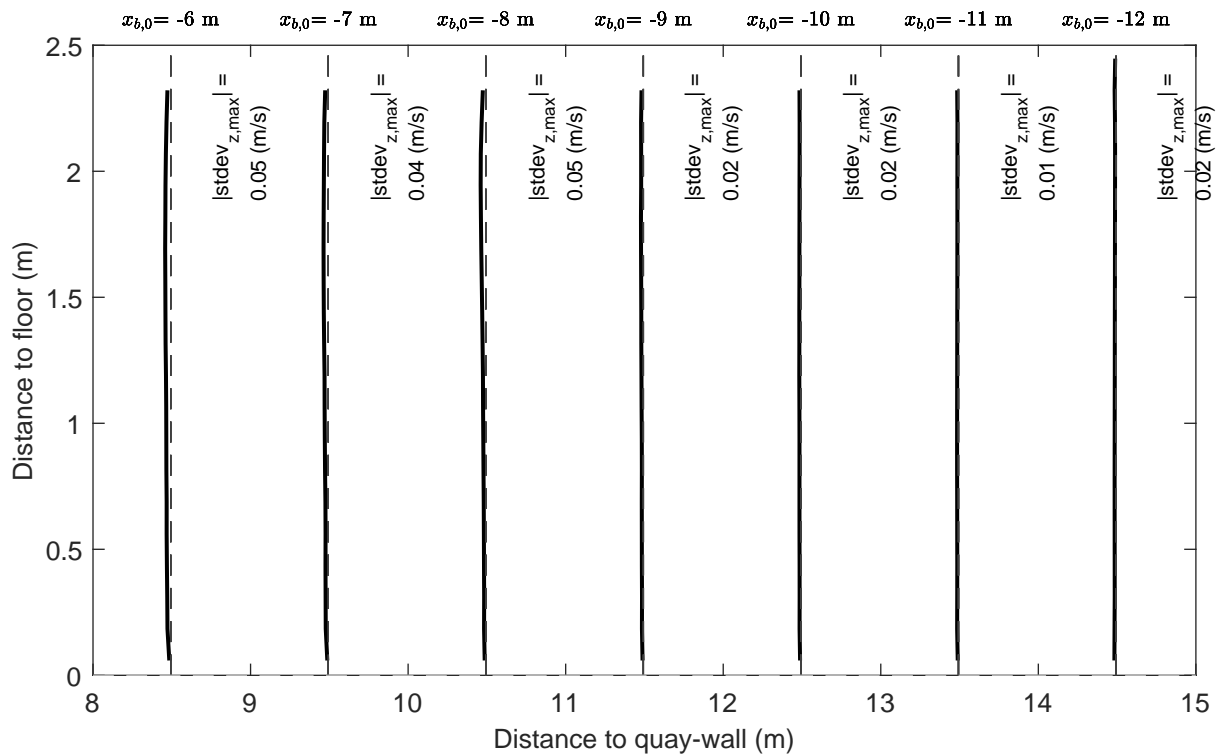
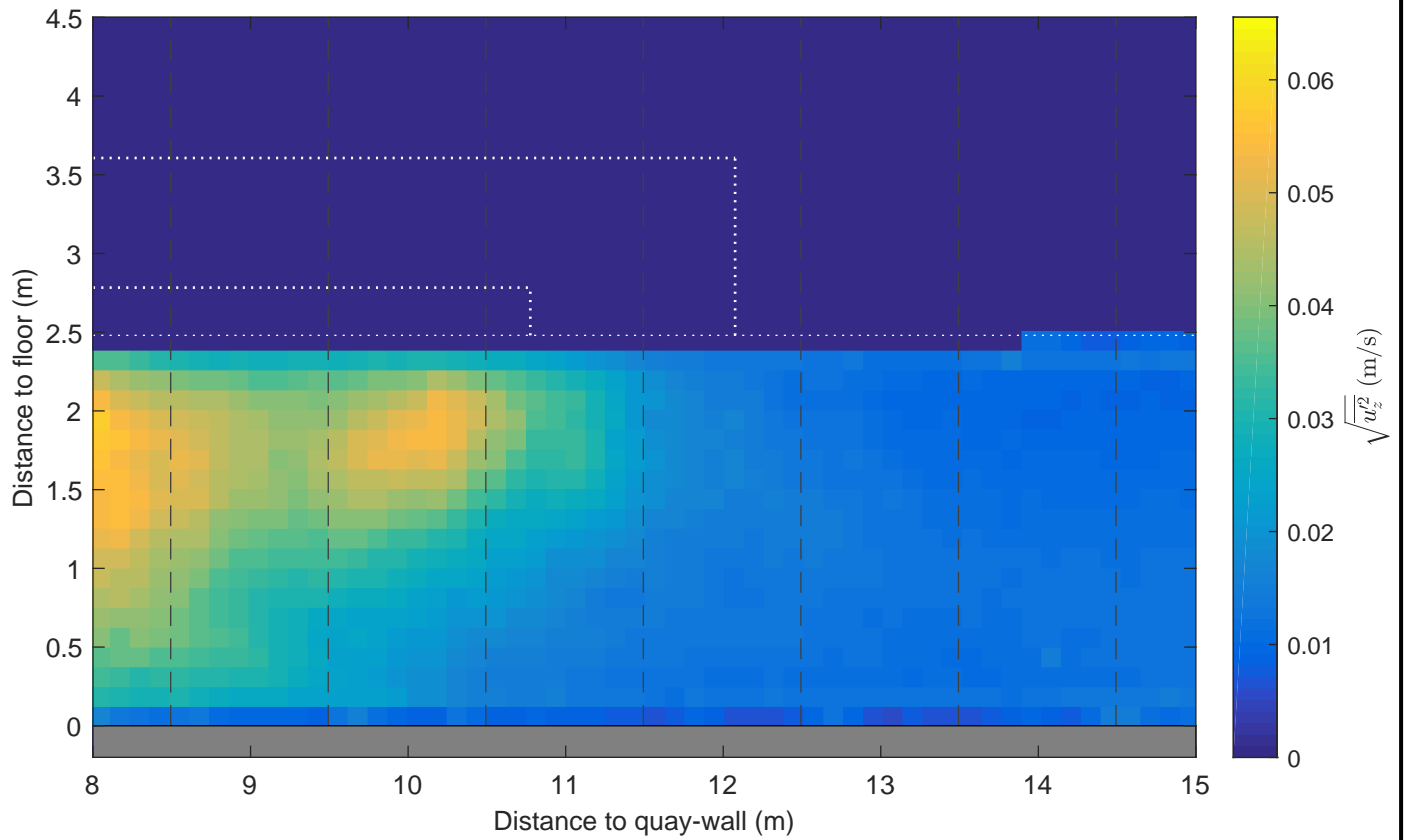
Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = 0.0$ m, UKC = 1.0 m, $U_{BT2} = 4.8$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP162	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = 0.0$ m, UKC = 2.5 m, $U_{BT2} = 2.7$ m/s	PIV, FOV2	TKI-SOP
	PIVSOP166	
<b>Deltares</b>	11206641	Fig. G

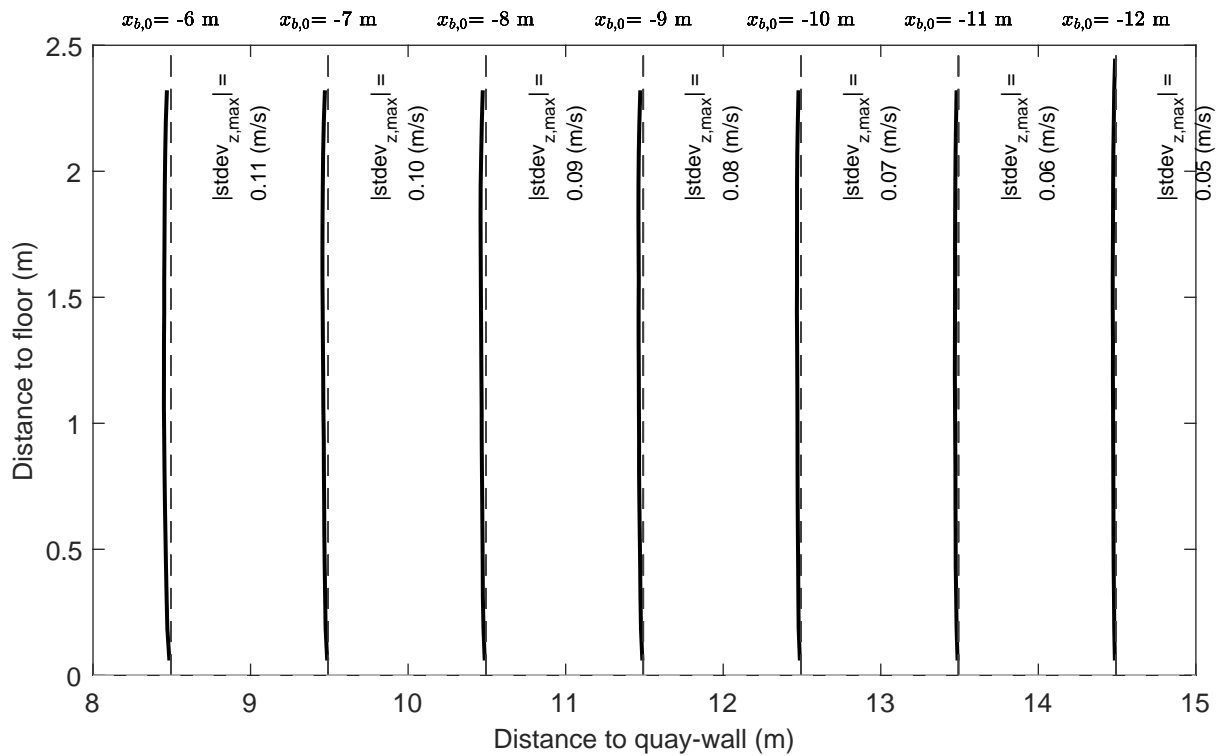
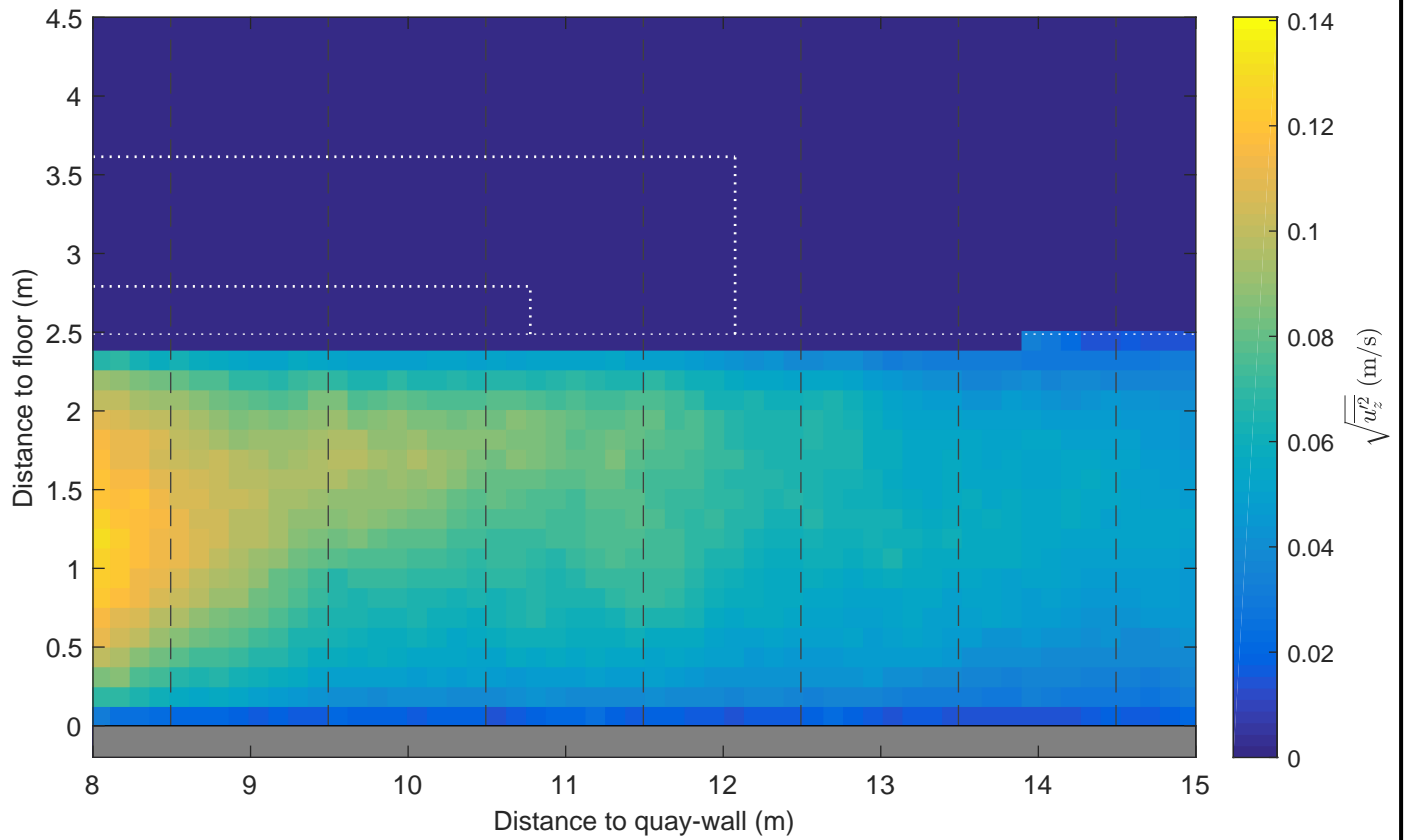


Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = 0.0$ m, UKC = 2.5 m, $U_{BT2} = 4.6$ m/s	PIV, FOV2	TKI-SOP
	PIVSOP168	
<b>Deltares</b>	11206641	Fig. G

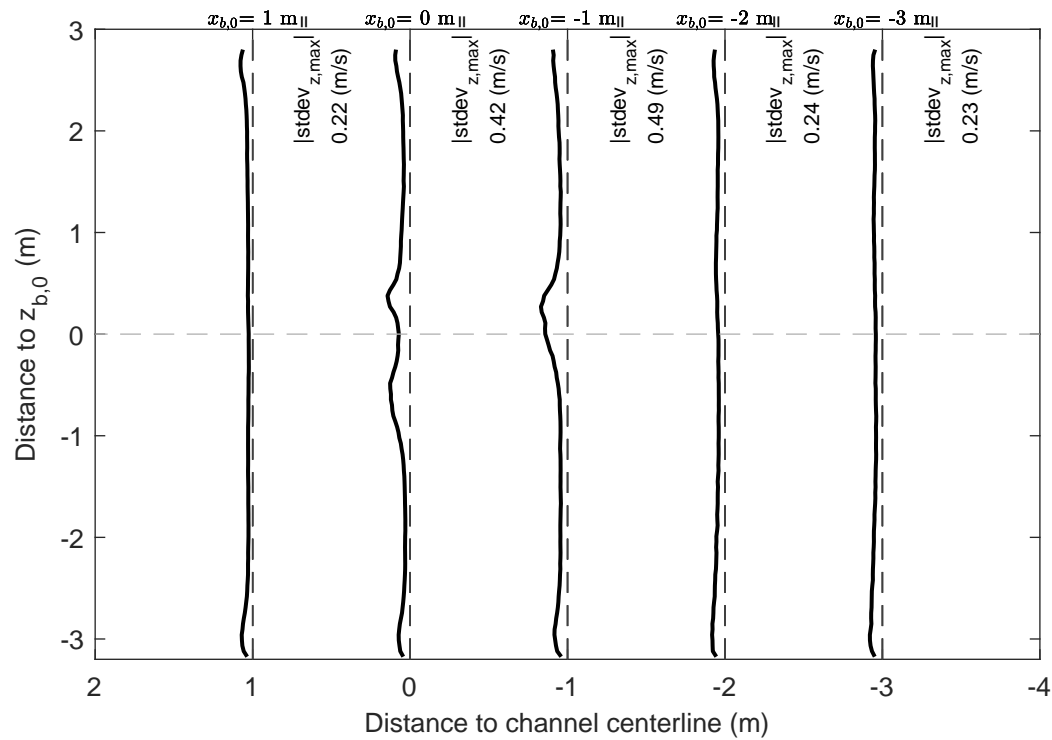
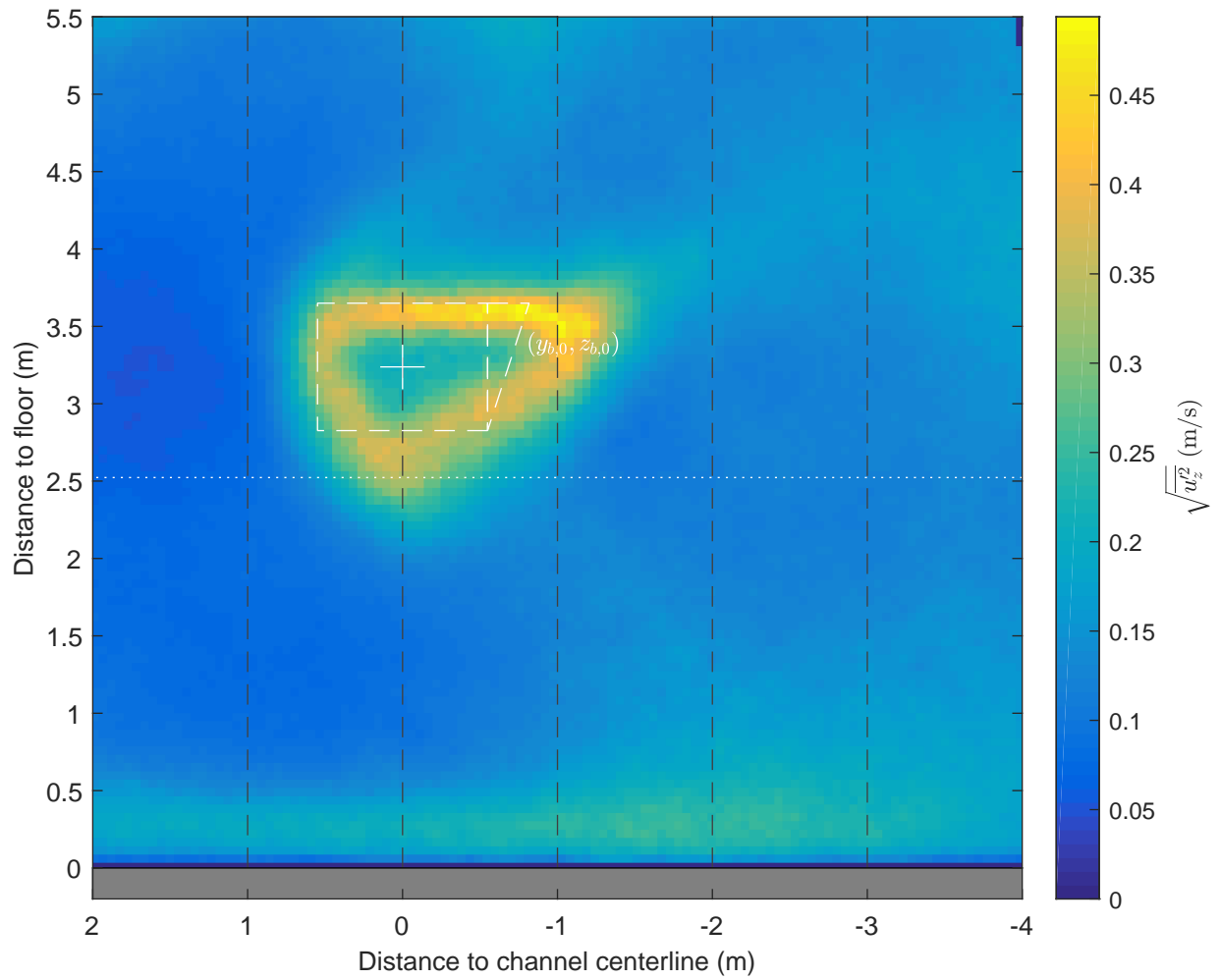


Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = -2.0$ m, UKC = 2.5 m, $U_{BT2} = 2.7$ m/s	PIV, FOV2	TKI-SOP
	PIVSOP172	
<b>Deltares</b>	11206641	Fig. G

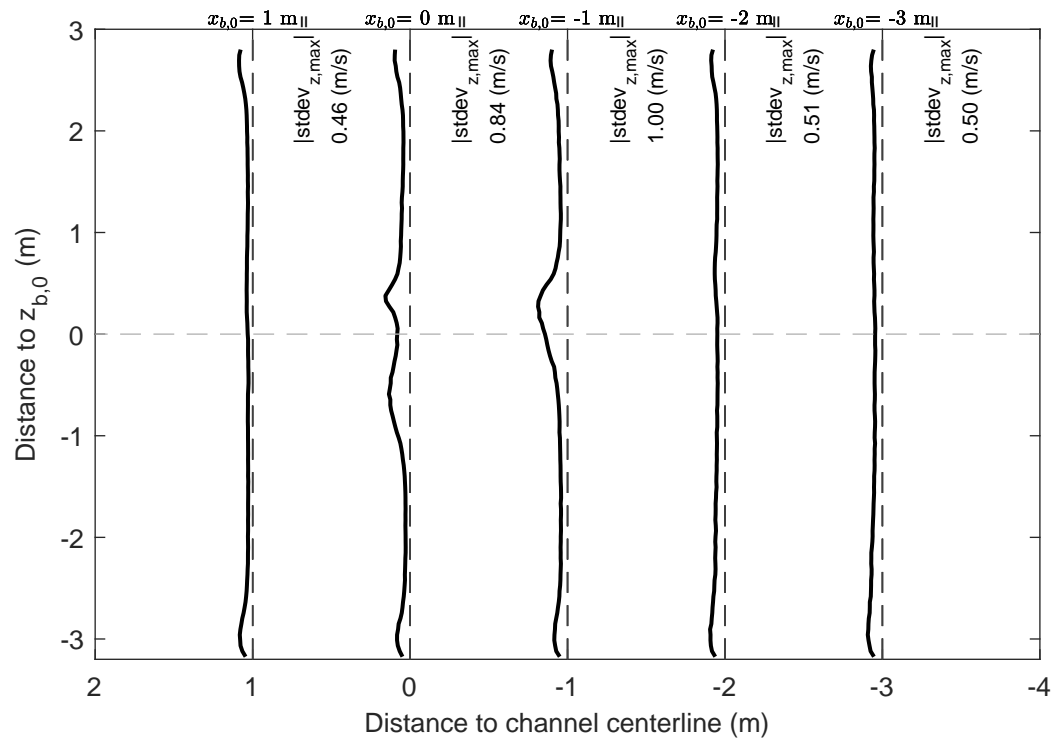
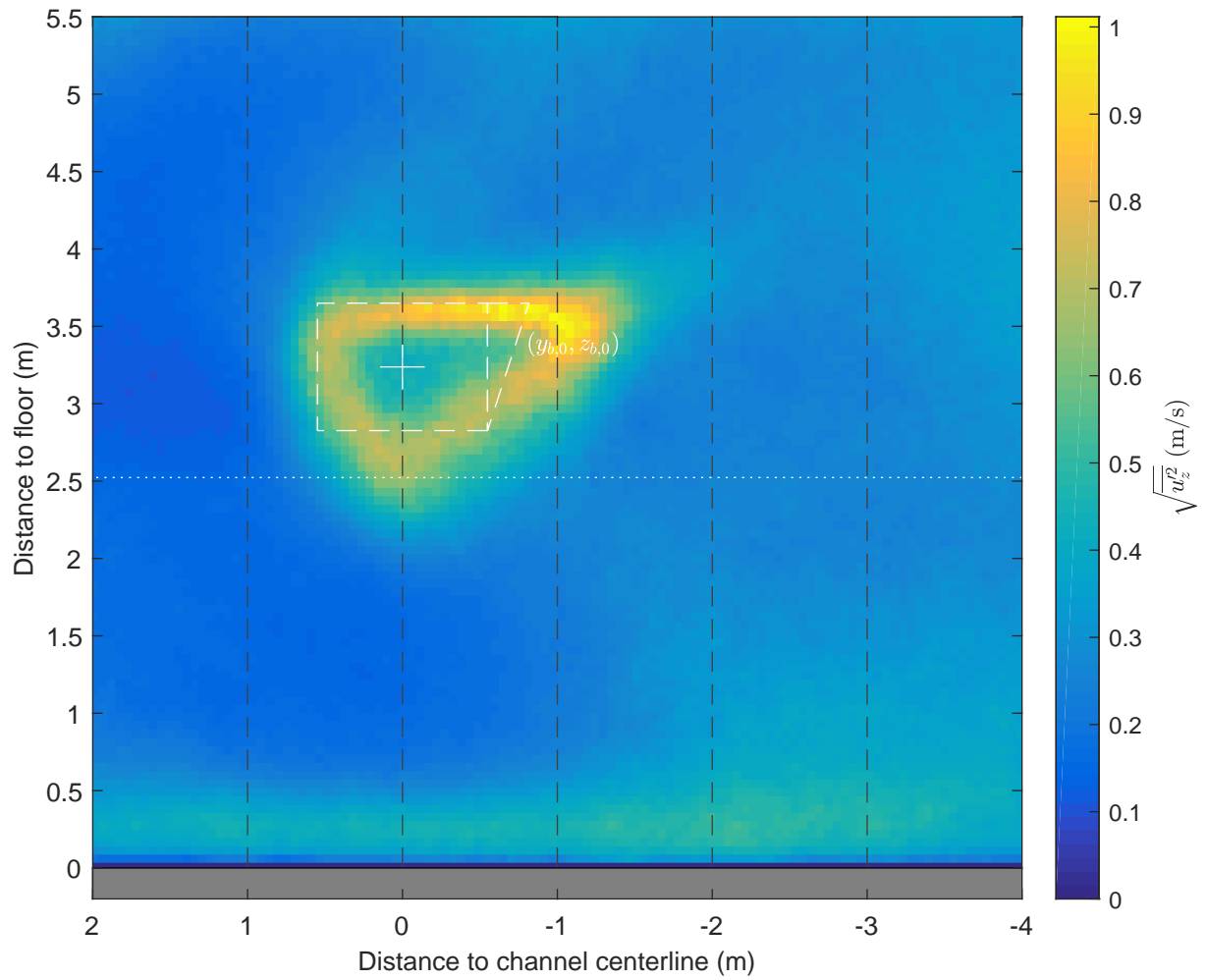




Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = -2.0$ m, UKC = 2.5 m, $U_{BT2} = 4.7$ m/s	PIV, FOV2	TKI-SOP
	PIVSOP174	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2   PIV plane 0.6 m from wall $\Delta x = 0.8 \text{ m}$ , $\Delta y = 0.0 \text{ m}$ , UKC = 2.5 m, $U_{\text{BT}2} = 2.7 \text{ m/s}$	PIV, FOV4	TKI-SOP
	PIVSOP178	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2 | PIV plane 0.6 m from wall  
 $\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.9$  m/s

PIV, FOV4

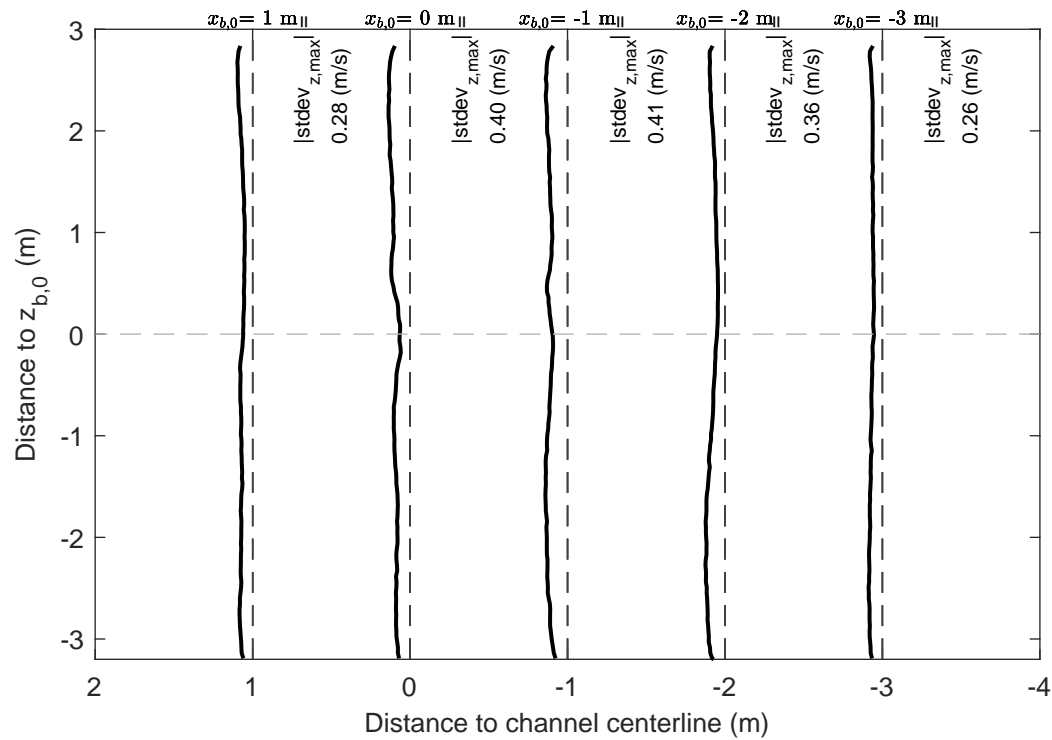
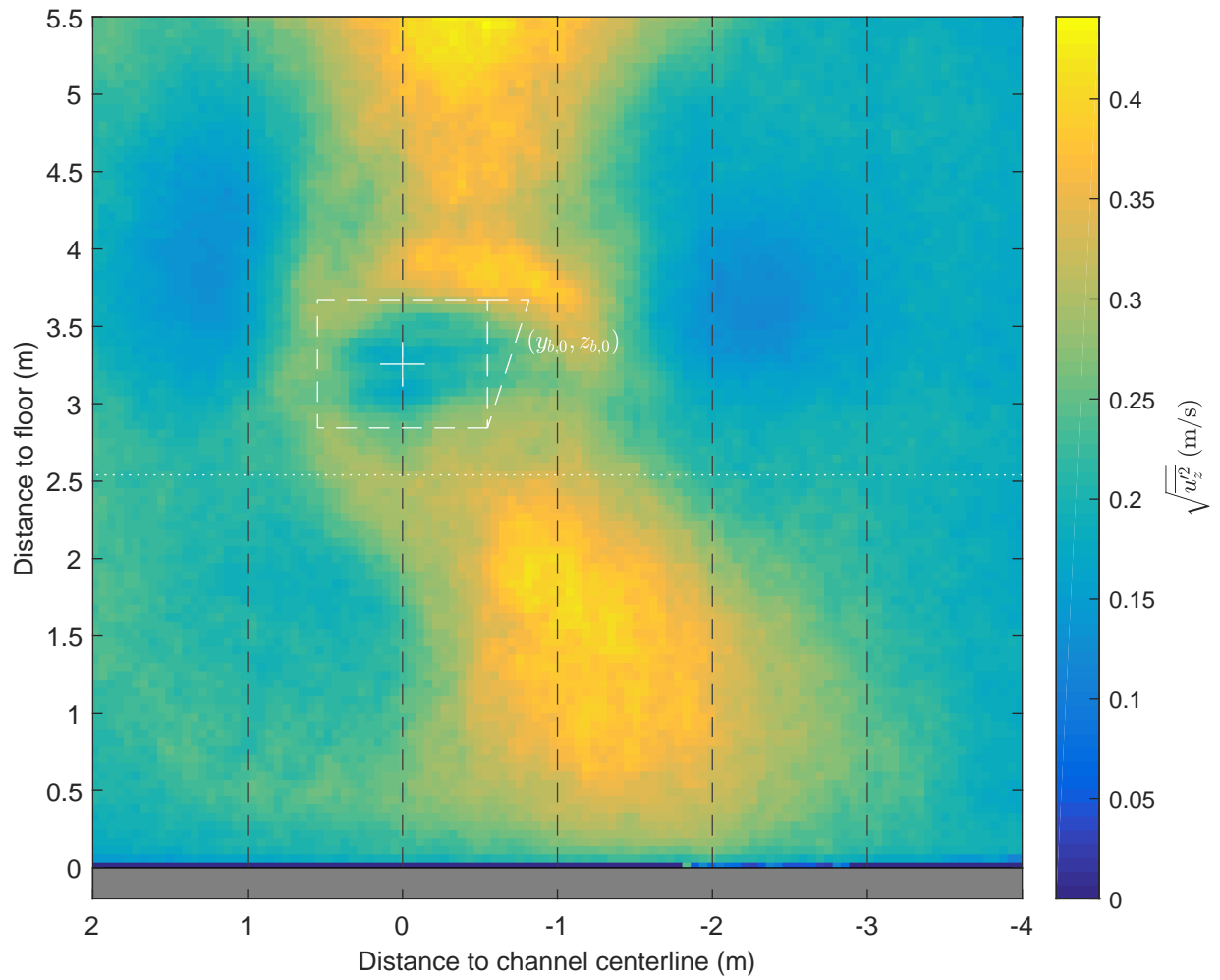
TKI-SOP

PIVSOP180

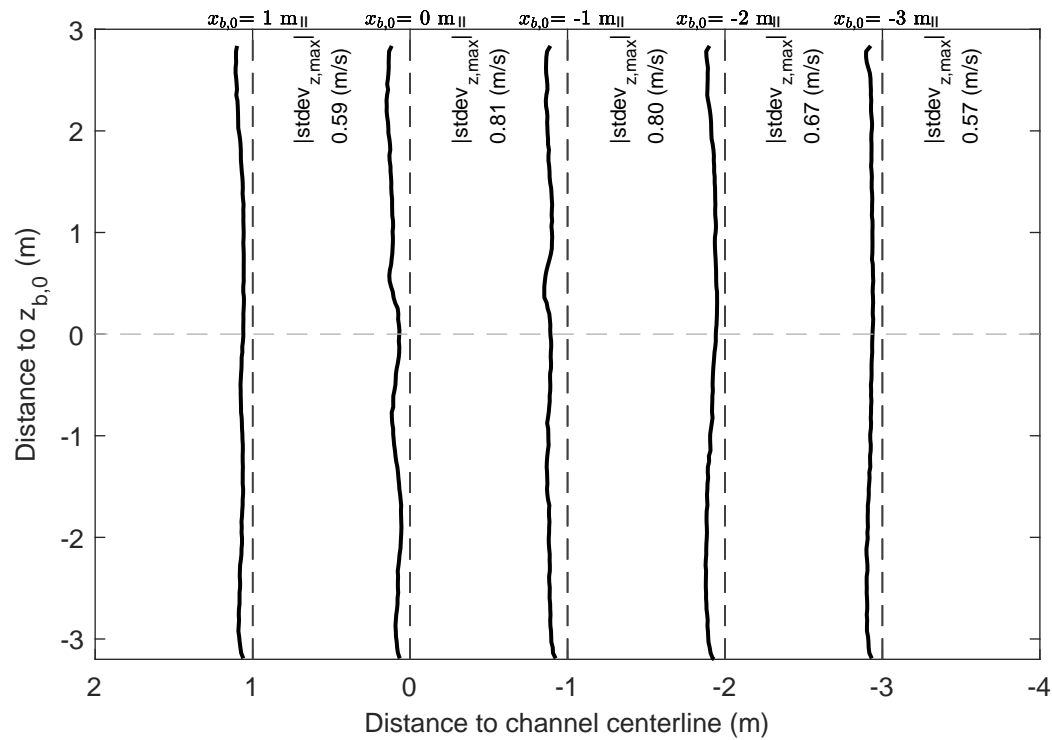
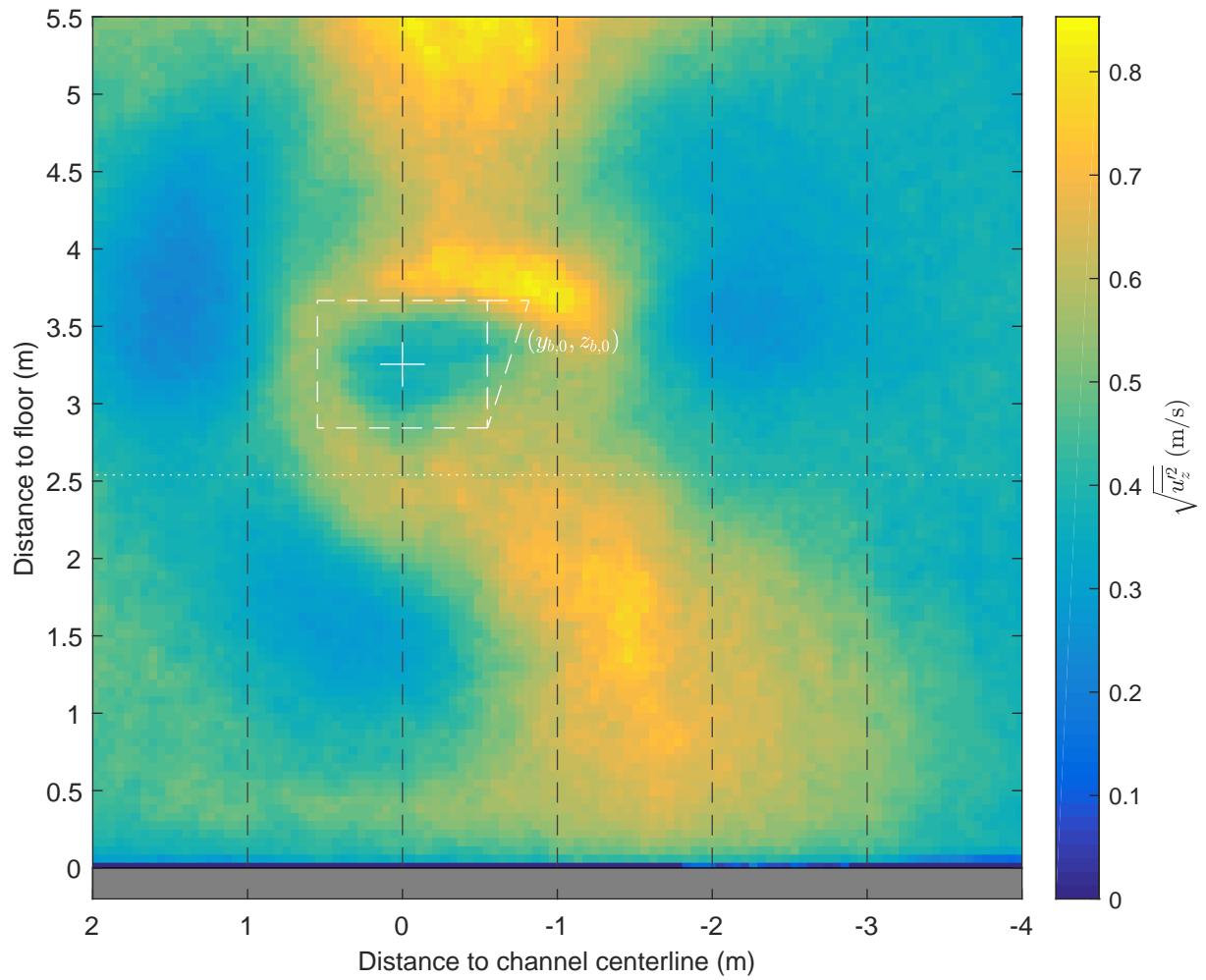
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2   PIV plane 0.3 m from wall $\Delta x = 0.8$ m, $\Delta y = 0.0$ m, UKC = 2.5 m, $U_{BT2} = 2.6$ m/s	PIV, FOV4	TKI-SOP
	PIVSOP183	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2 | PIV plane 0.3 m from wall  
 $\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.9$  m/s

PIV, FOV4

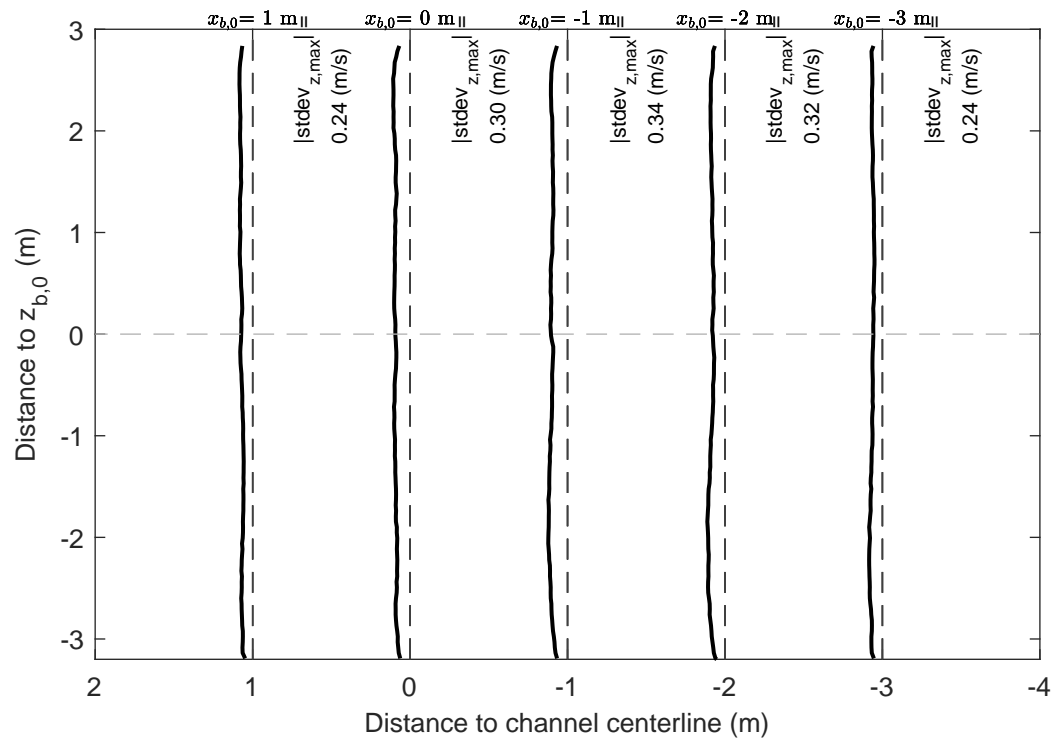
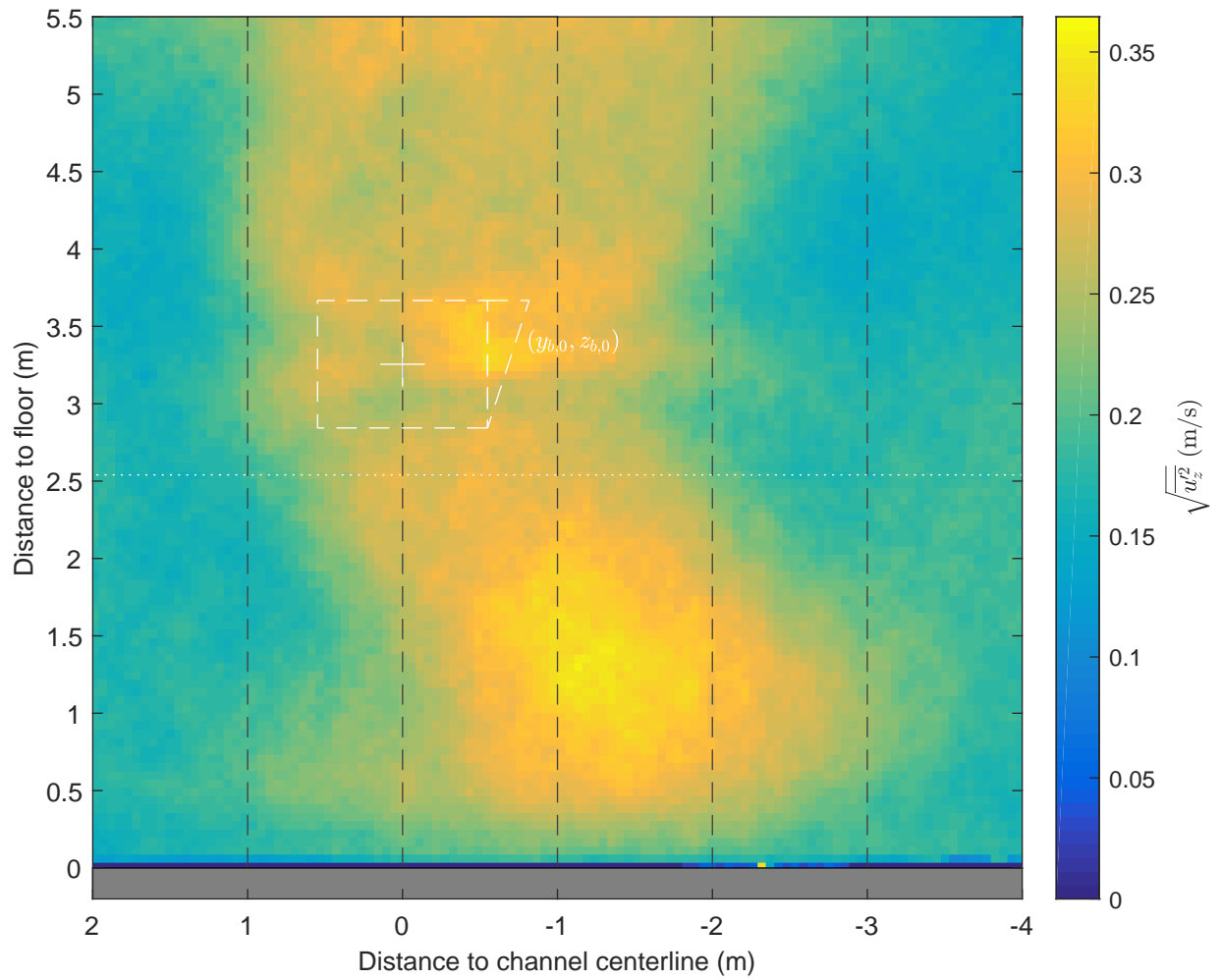
TKI-SOP

PIVSOP186

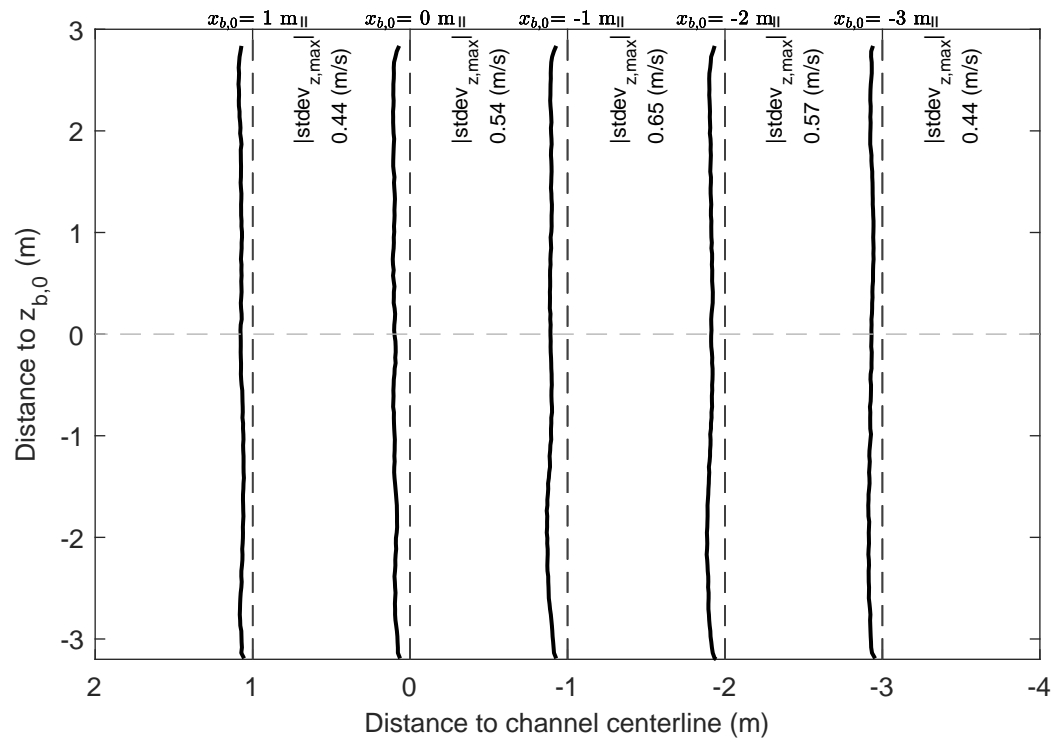
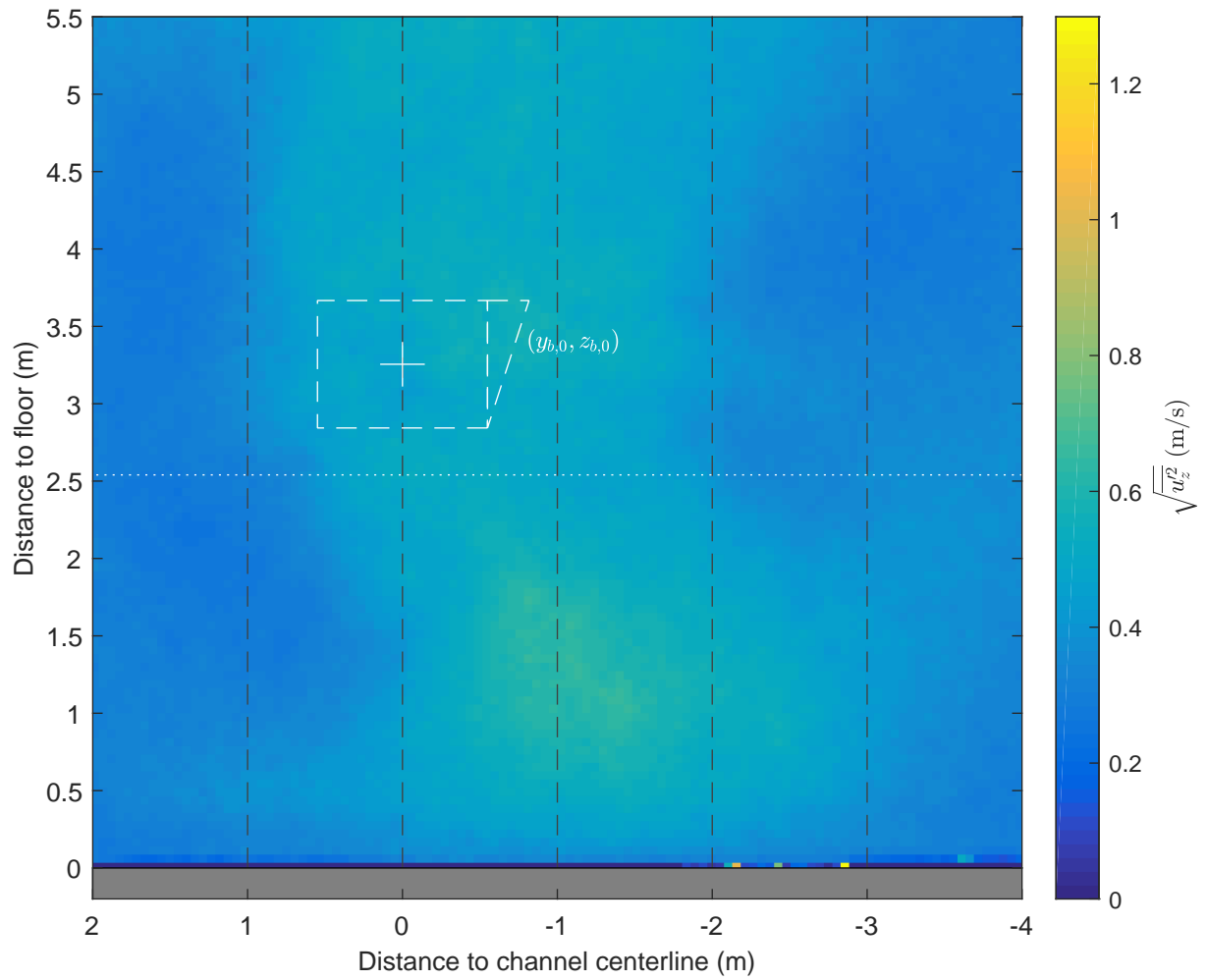
**Deltares**

11206641

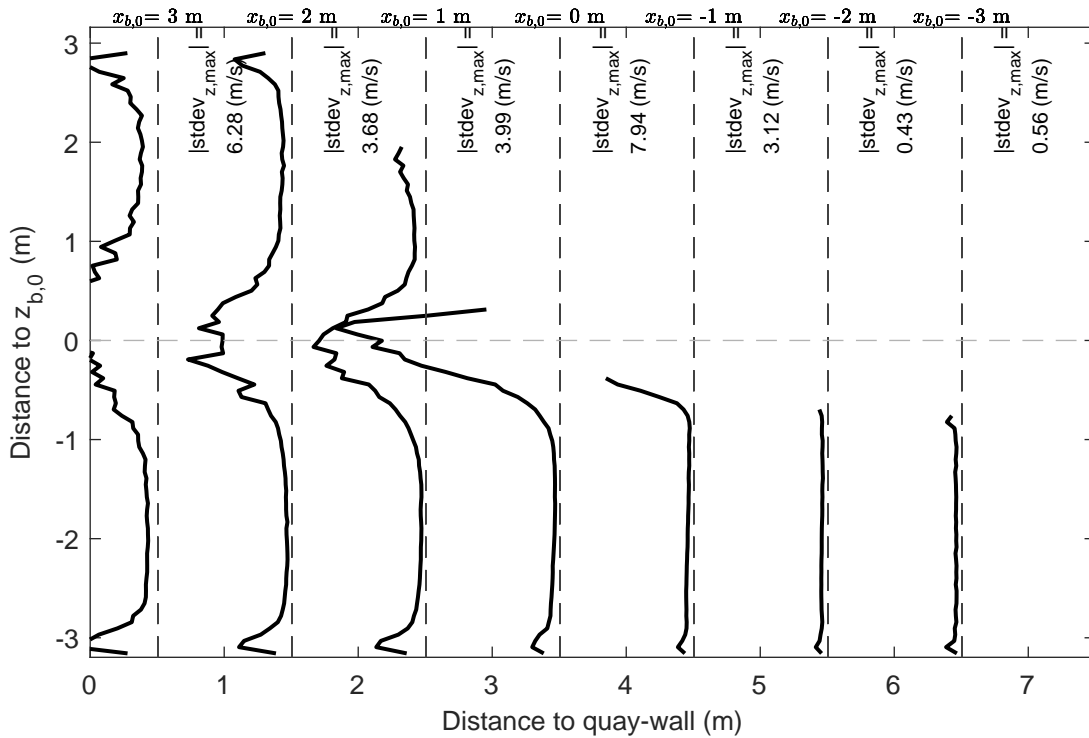
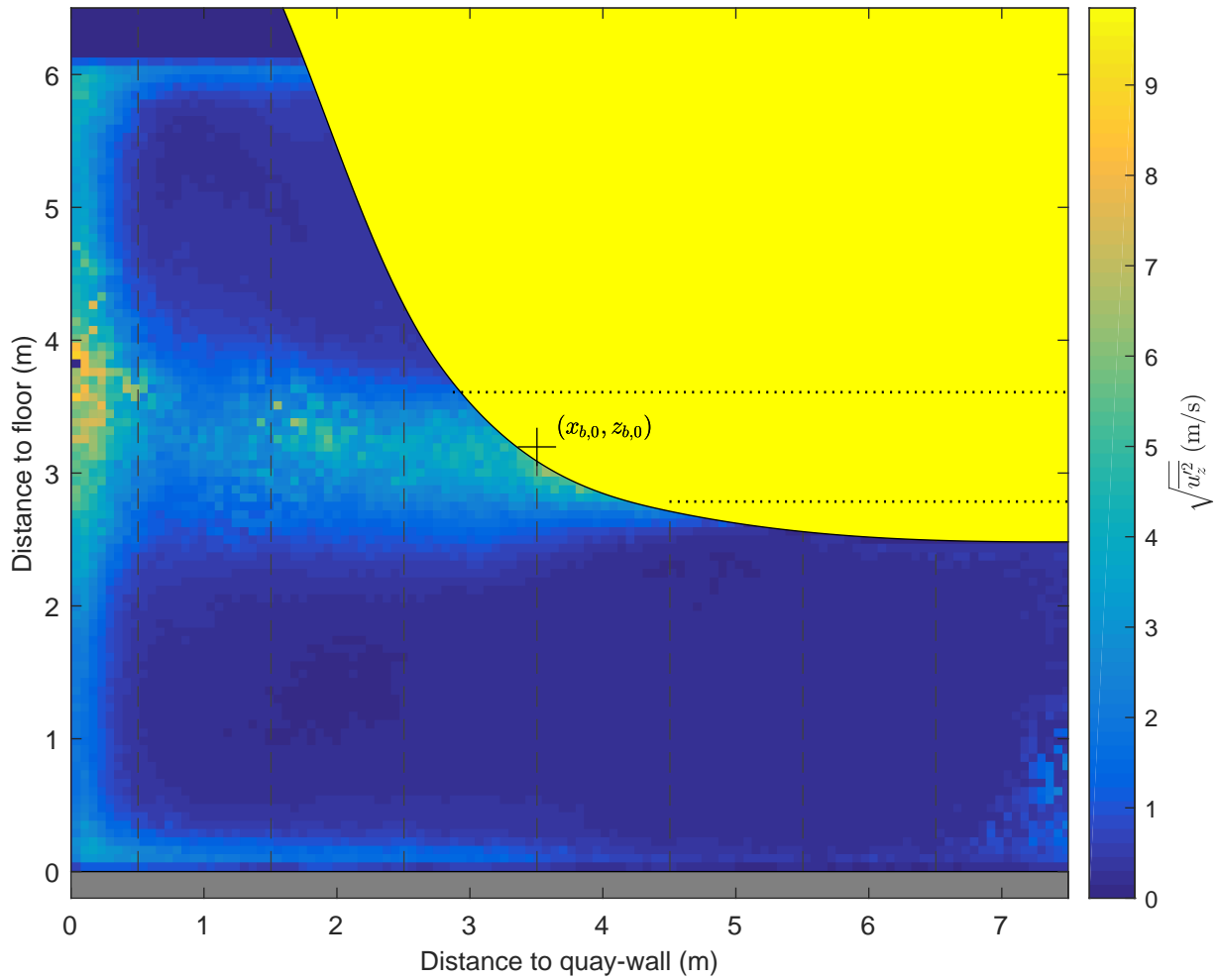
Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2   PIV plane 0.3 m from wall $\Delta x = 3.0$ m, $\Delta y = 0.0$ m, UKC = 2.5 m, $U_{BT2} = 2.6$ m/s	PIV, FOV4	TKI-SOP
	PIVSOP189	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2   PIV plane 0.3 m from wall $\Delta x = 3.0$ m, $\Delta y = 0.0$ m, UKC = 2.5 m, $U_{BT2} = 4.4$ m/s	PIV, FOV4	TKI-SOP
	PIVSOP191	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1

$\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.5 m,  $U_{BT2} = 4.3$  m/s

PIV, FOV1

TKI-SOP

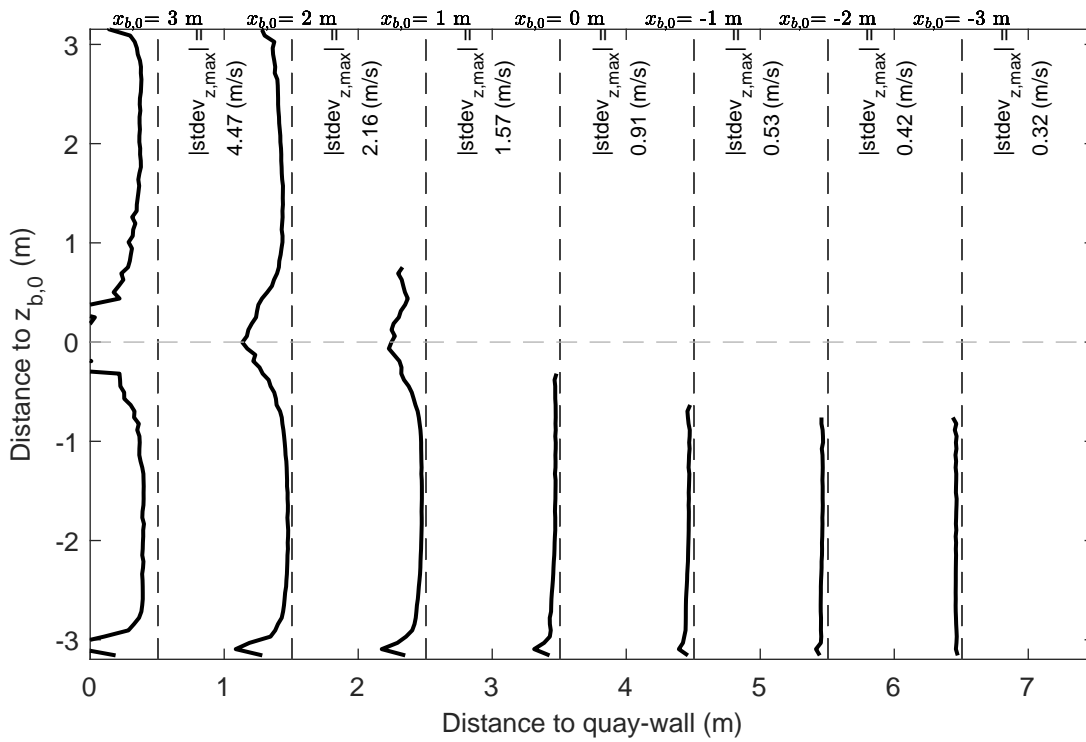
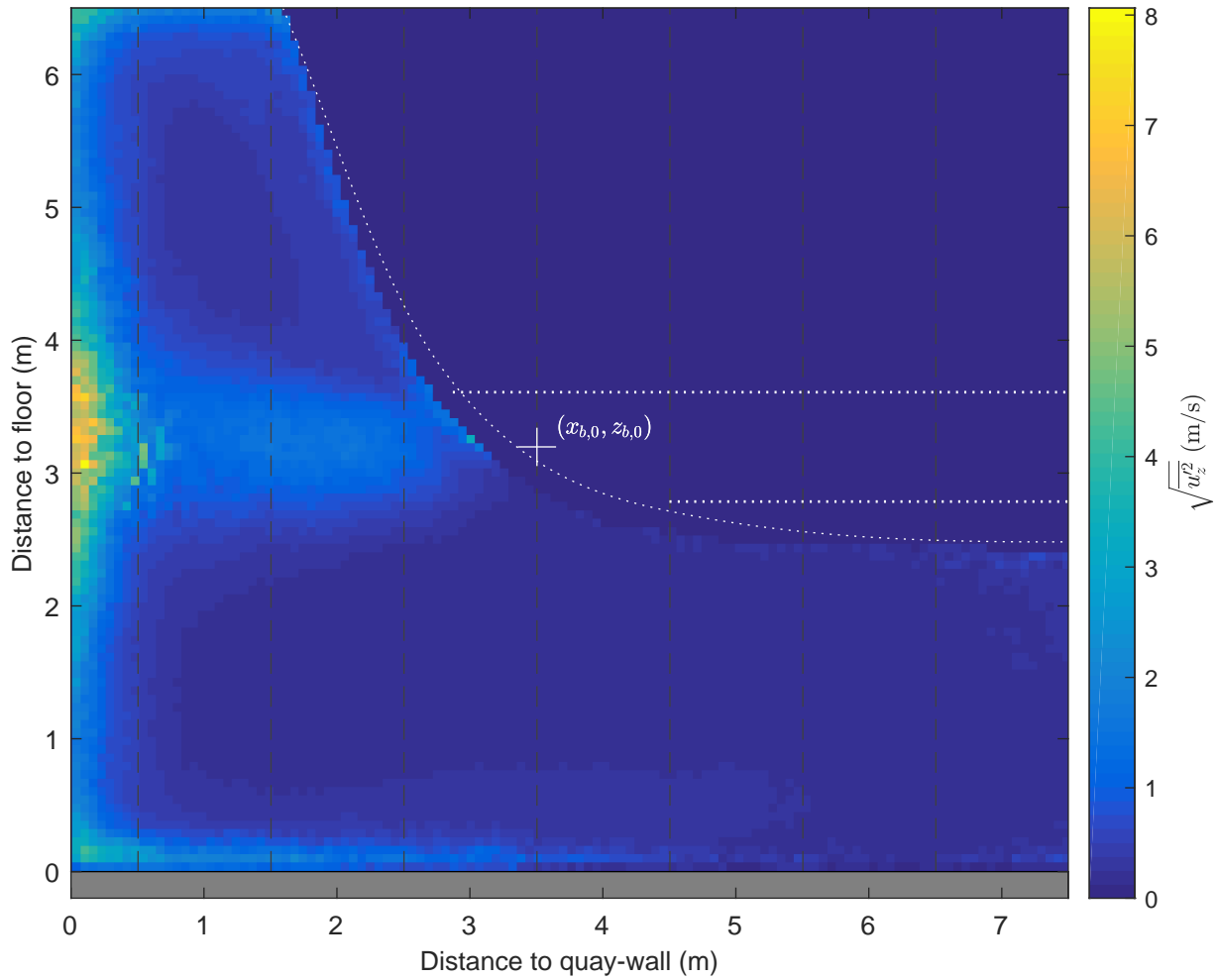
PIVSOP213

**Deltares**

11206641

Fig. G





Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.3$  m/s

PIV, FOV1

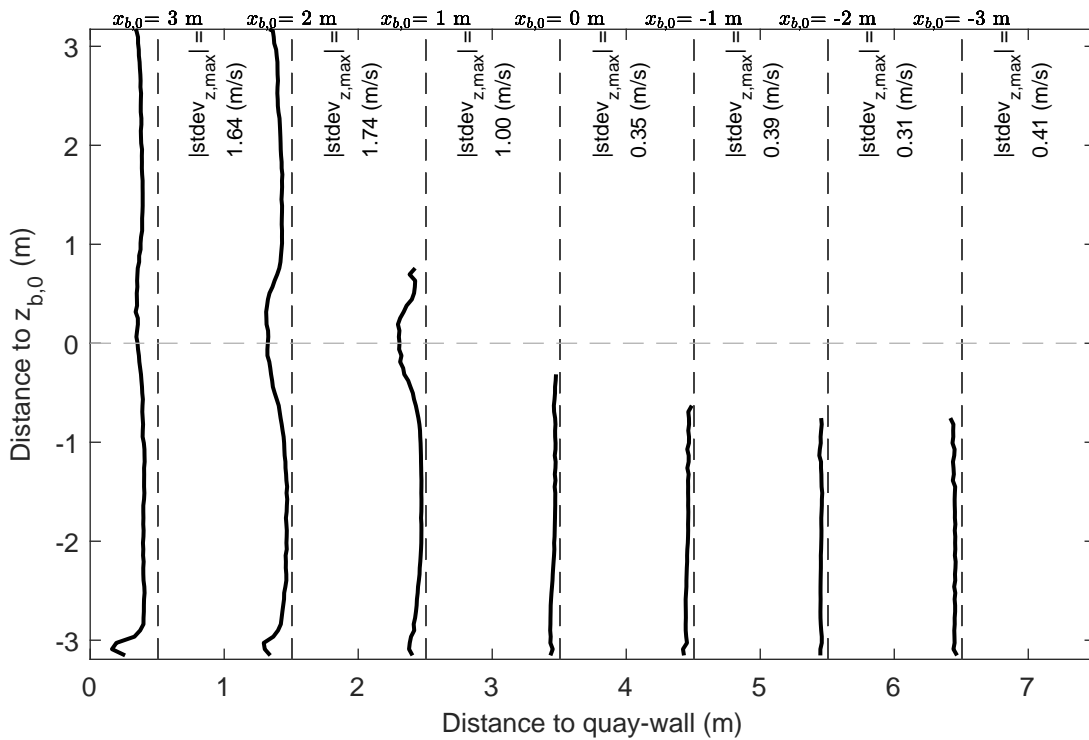
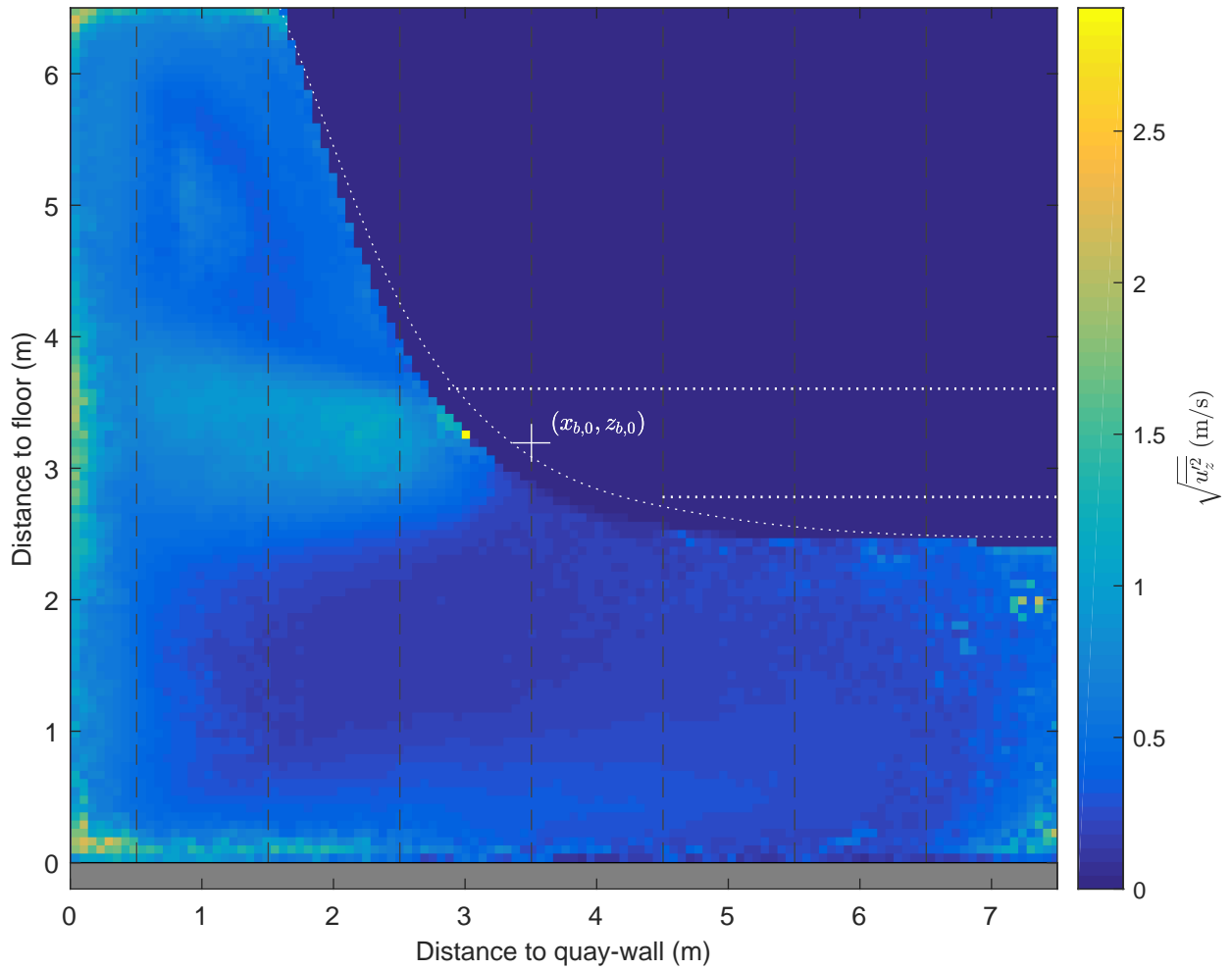
TKI-SOP

PIVSOP215

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.4$  m/s

PIV, FOV1

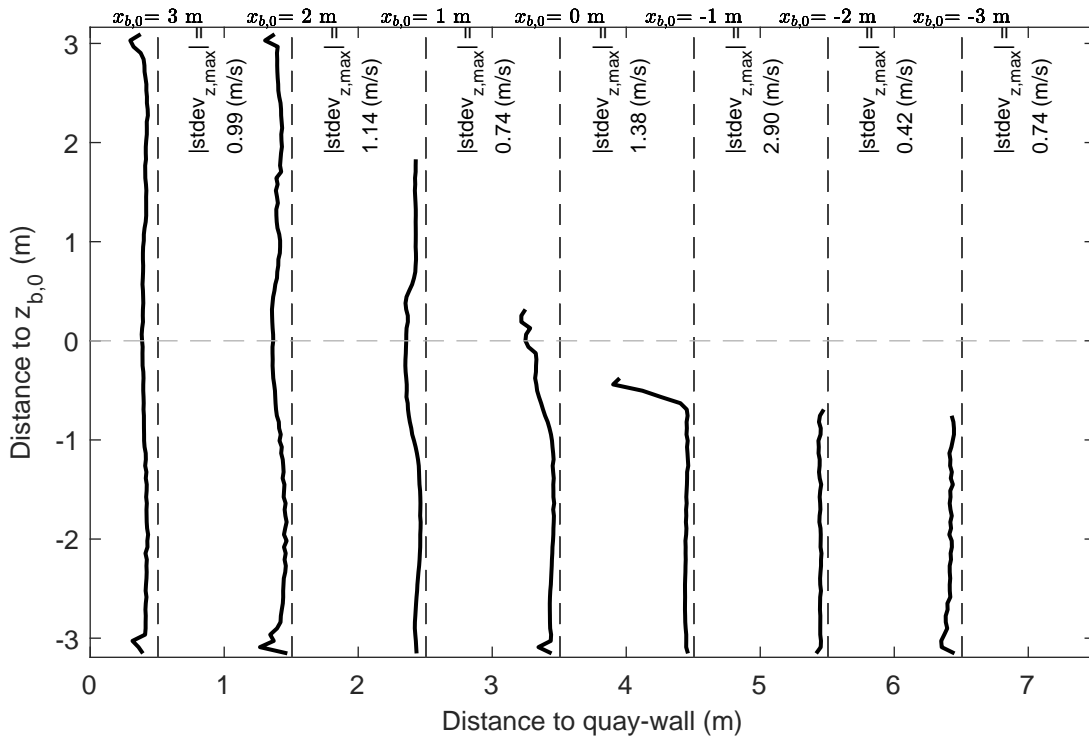
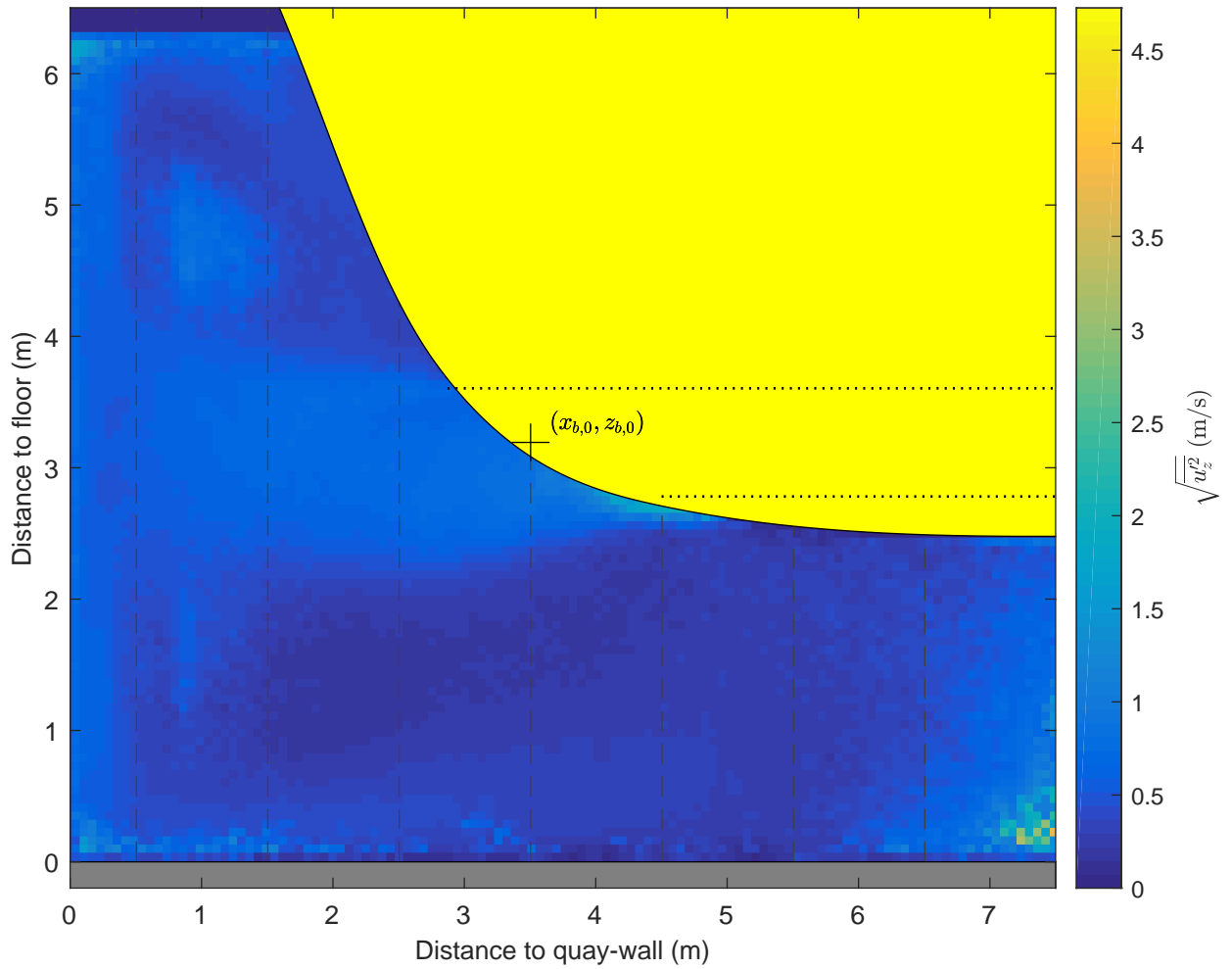
TKI-SOP

PIVSOP218

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1

$\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.5 m,  $U_{BT2} = 4.4$  m/s

PIV, FOV1

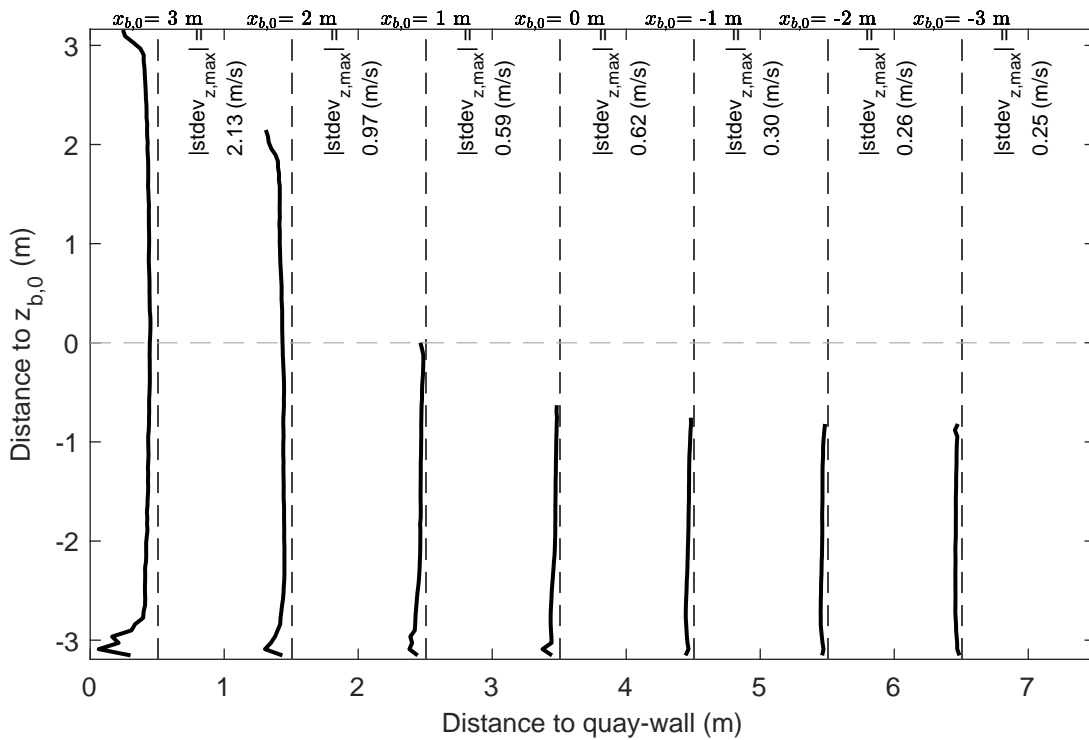
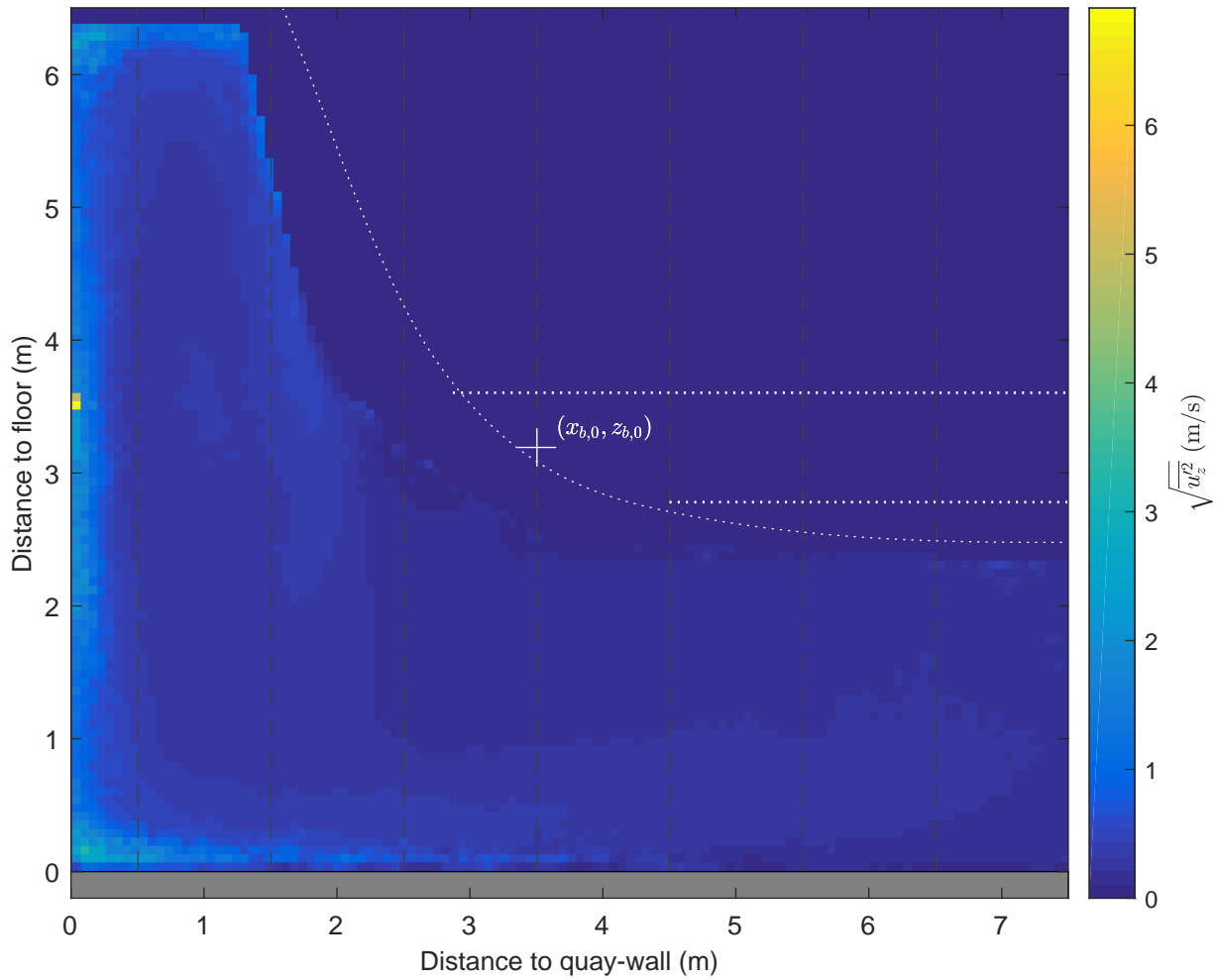
TKI-SOP

PIVSOP221

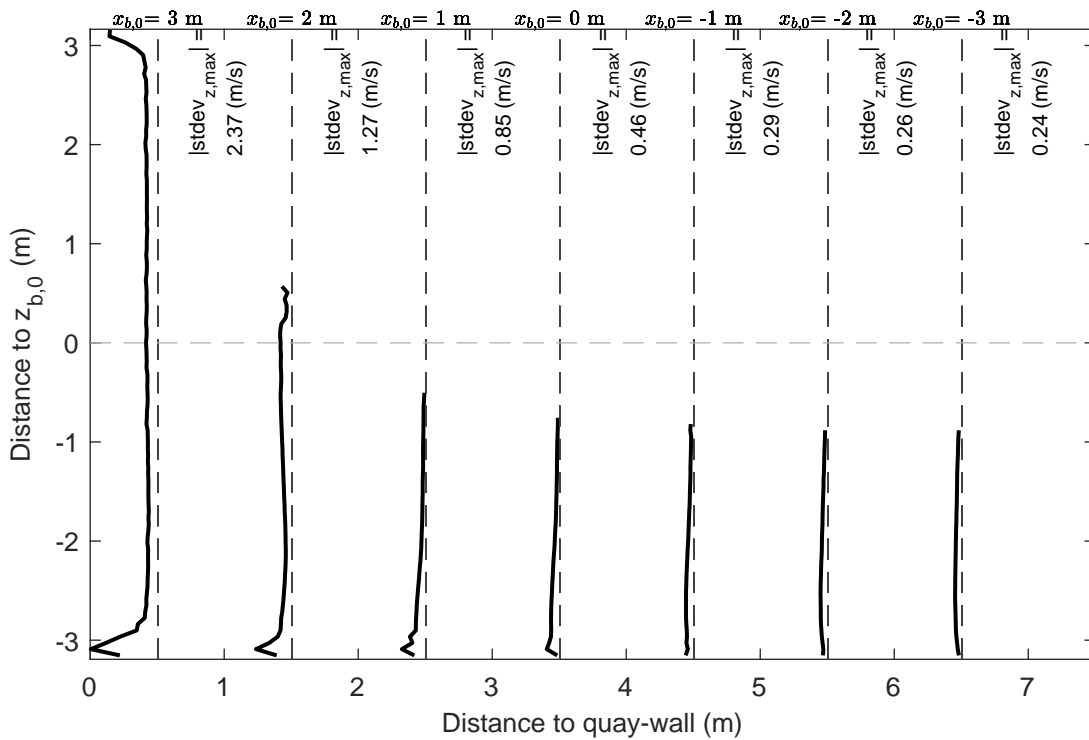
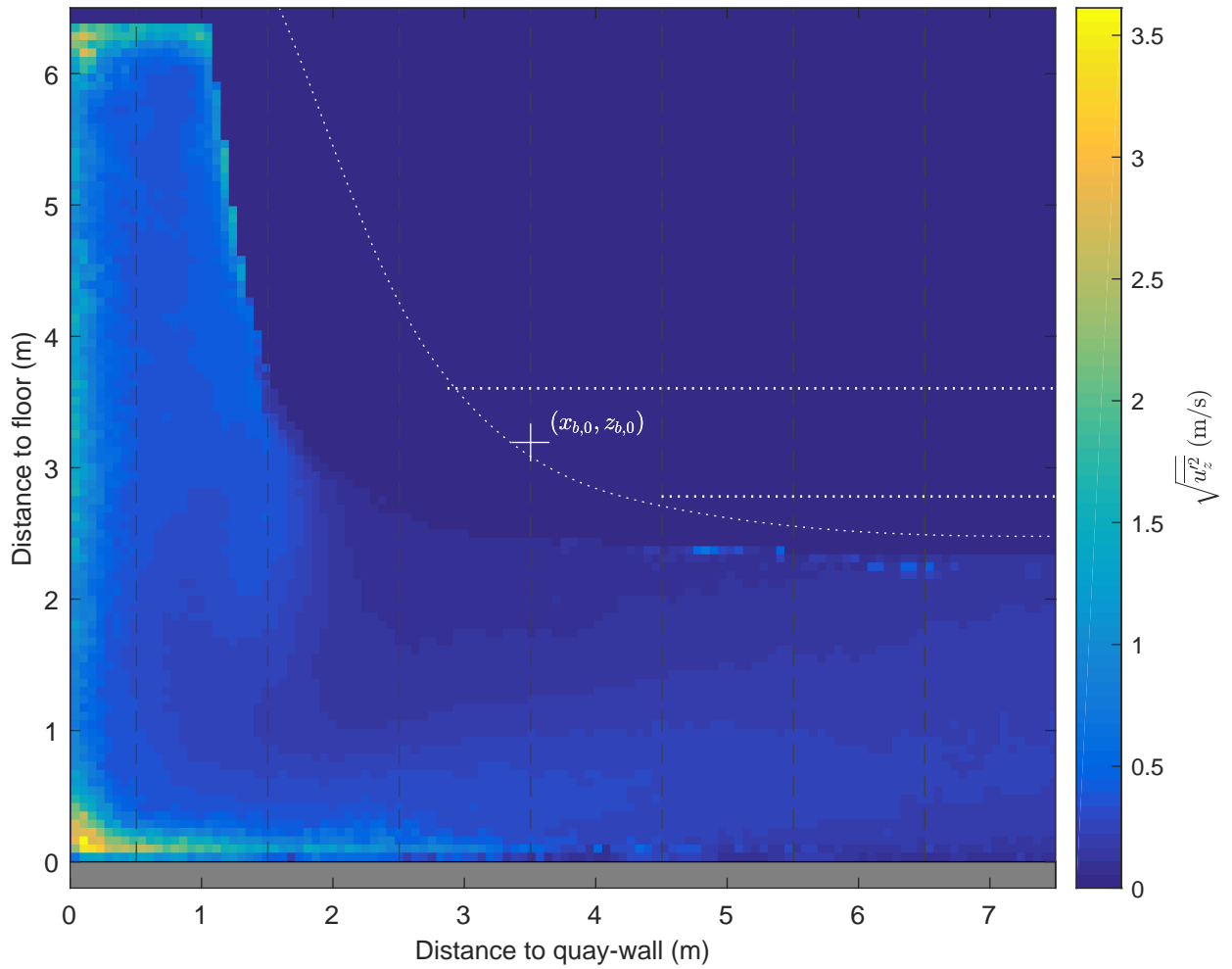
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT1 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 0.0 \text{ m}$ , UKC = 2.5 m, $U_{BT2} = 4.4 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP223	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1

$\Delta x = 0.8$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{\text{BT}2} = 4.3$  m/s

PIV, FOV1

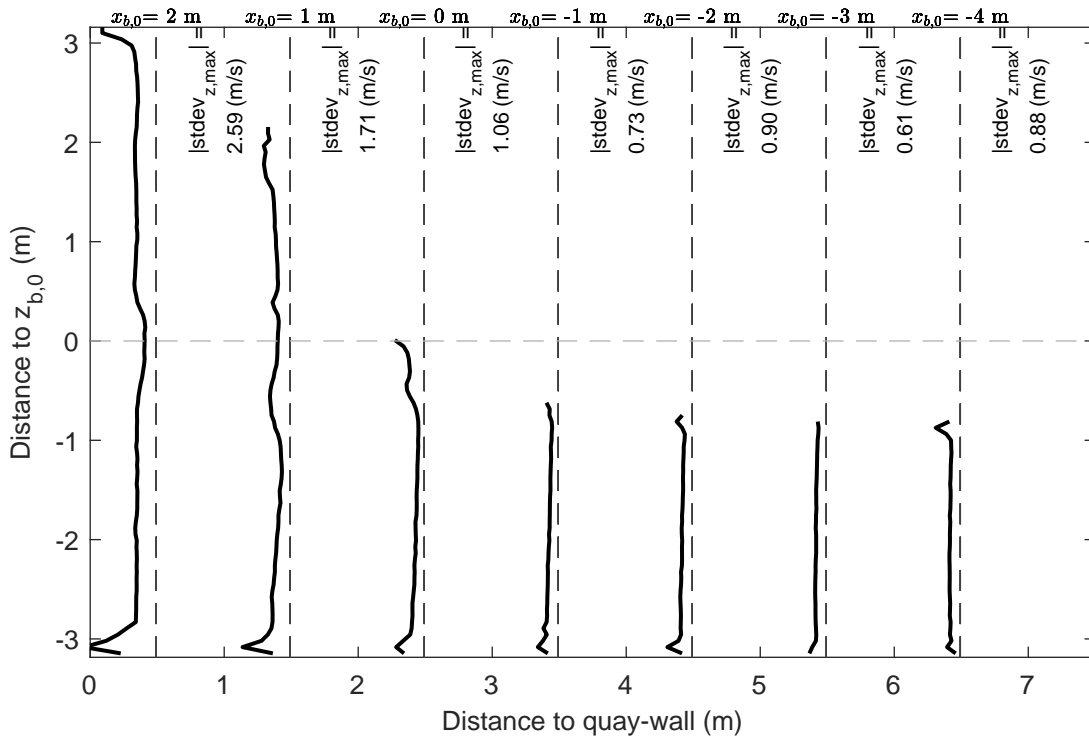
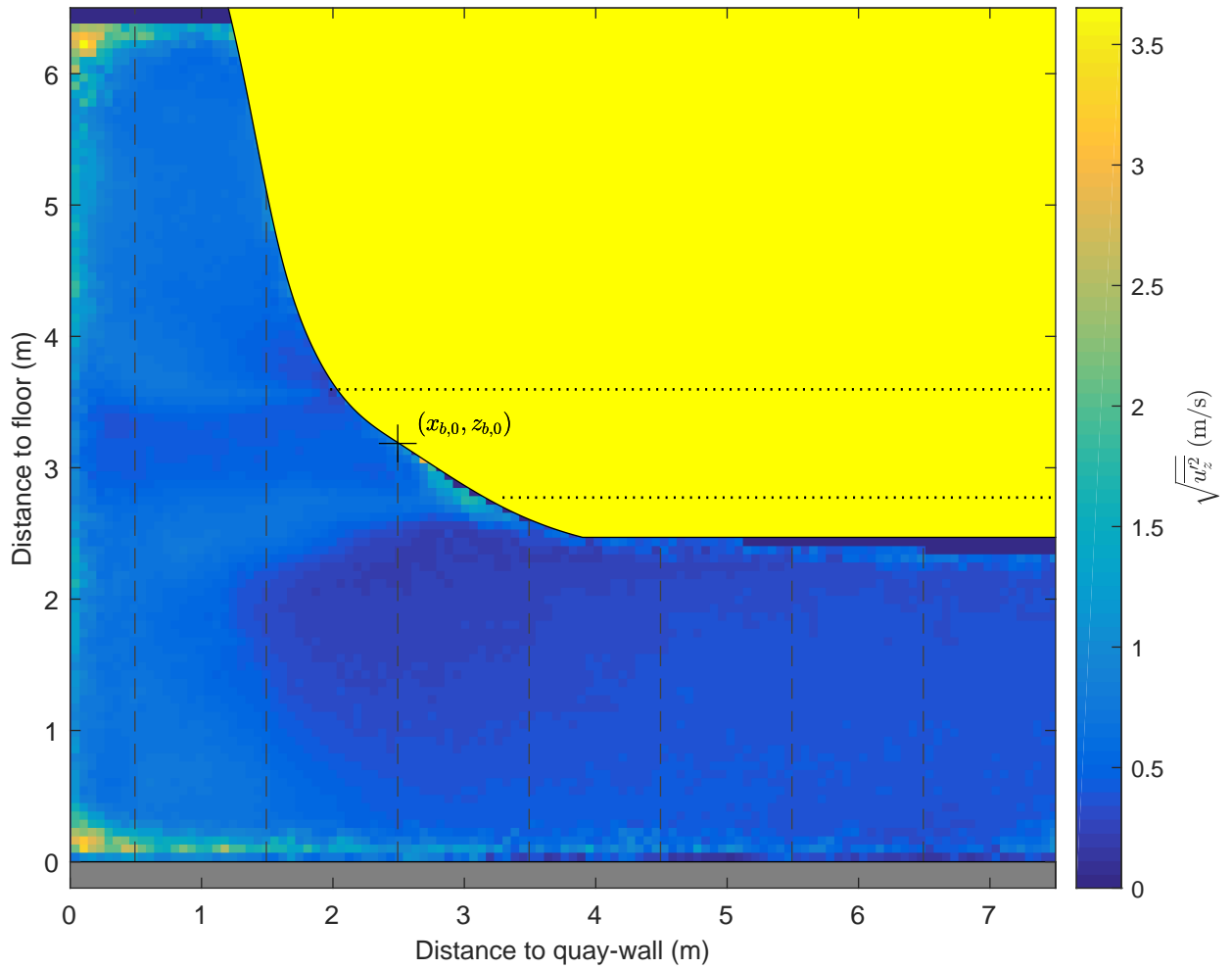
TKI-SOP

PIVSOP225

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT1&BT2  
 $\Delta x = 0.8 \text{ m}$ ,  $\Delta y = 0.0 \text{ m}$ , UKC = 2.5 m,  $U_{BT2} = 4.4 \text{ m/s}$

PIV, FOV1

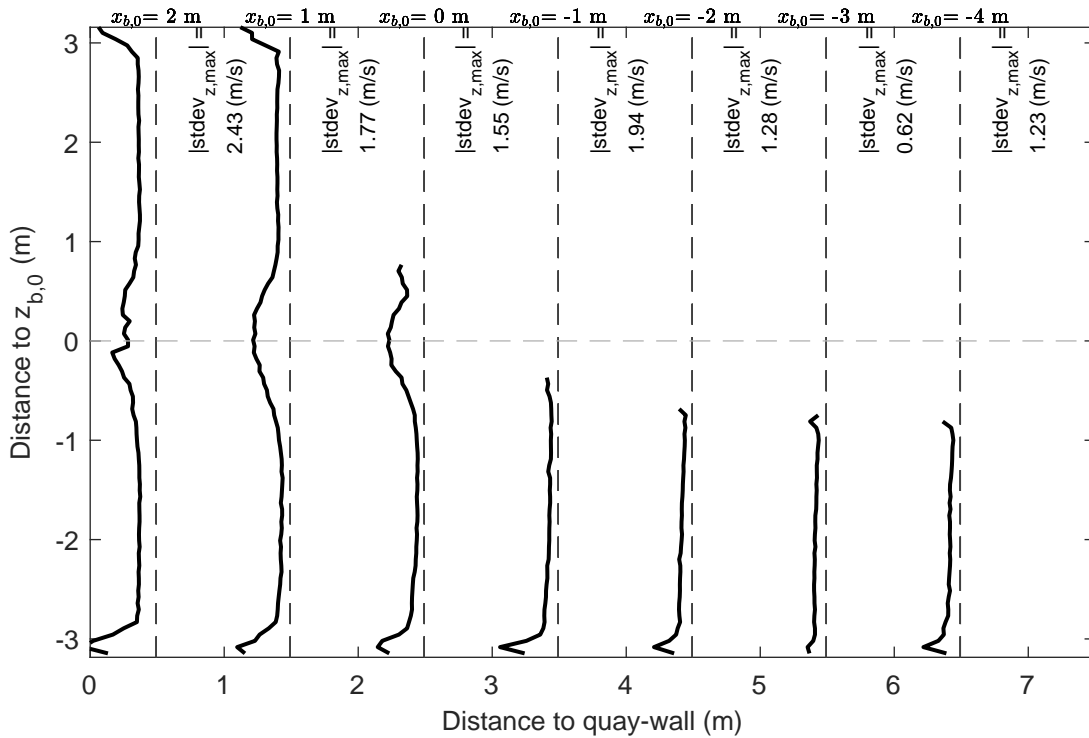
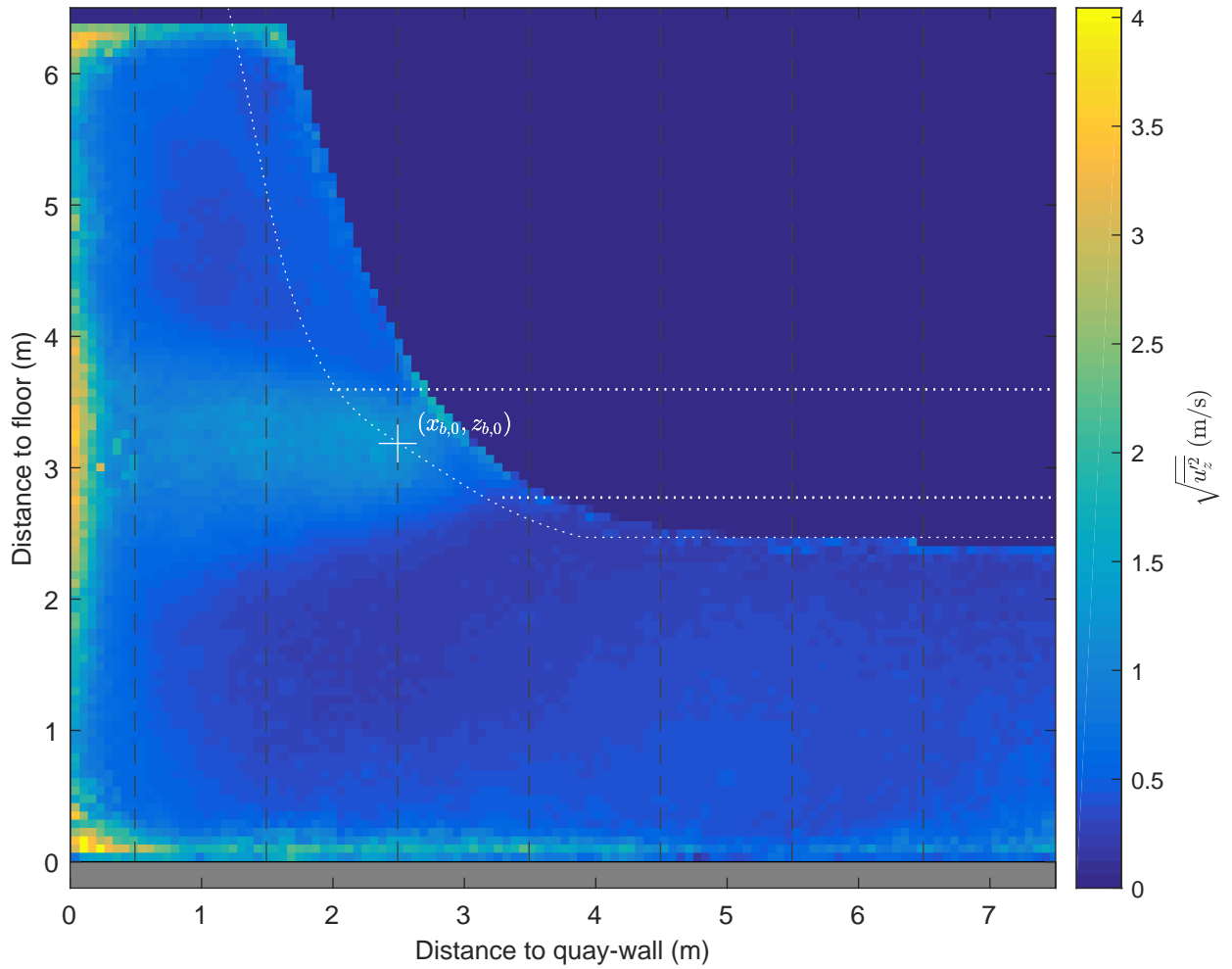
TKI-SOP

PIVSOP231

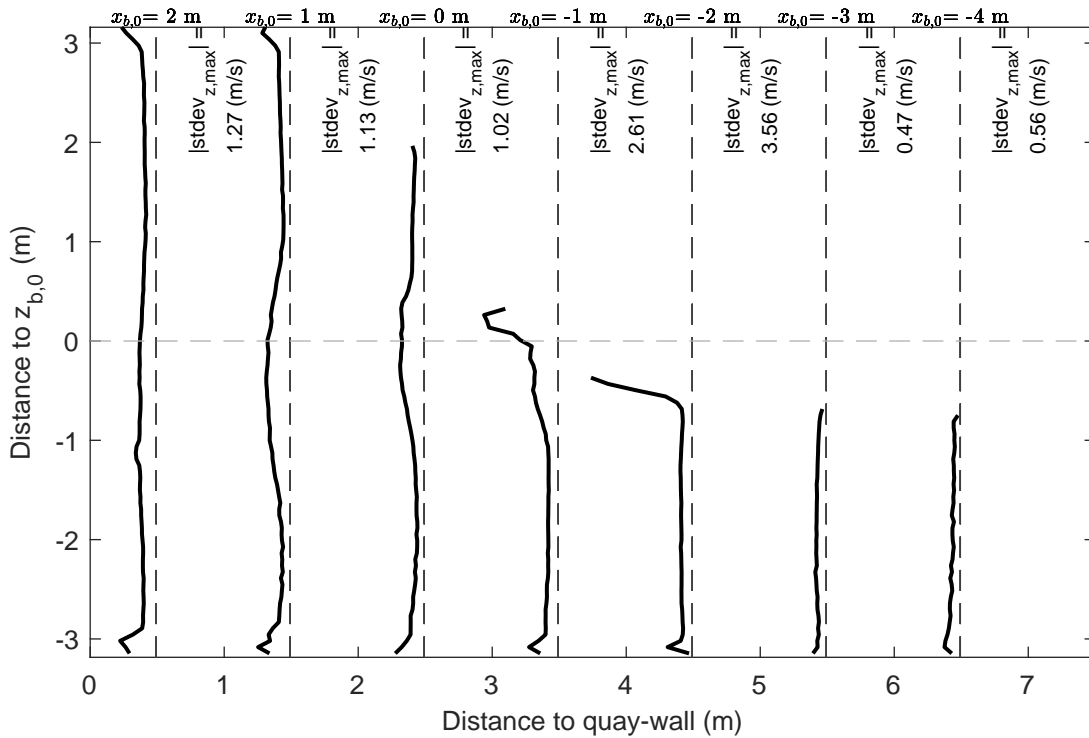
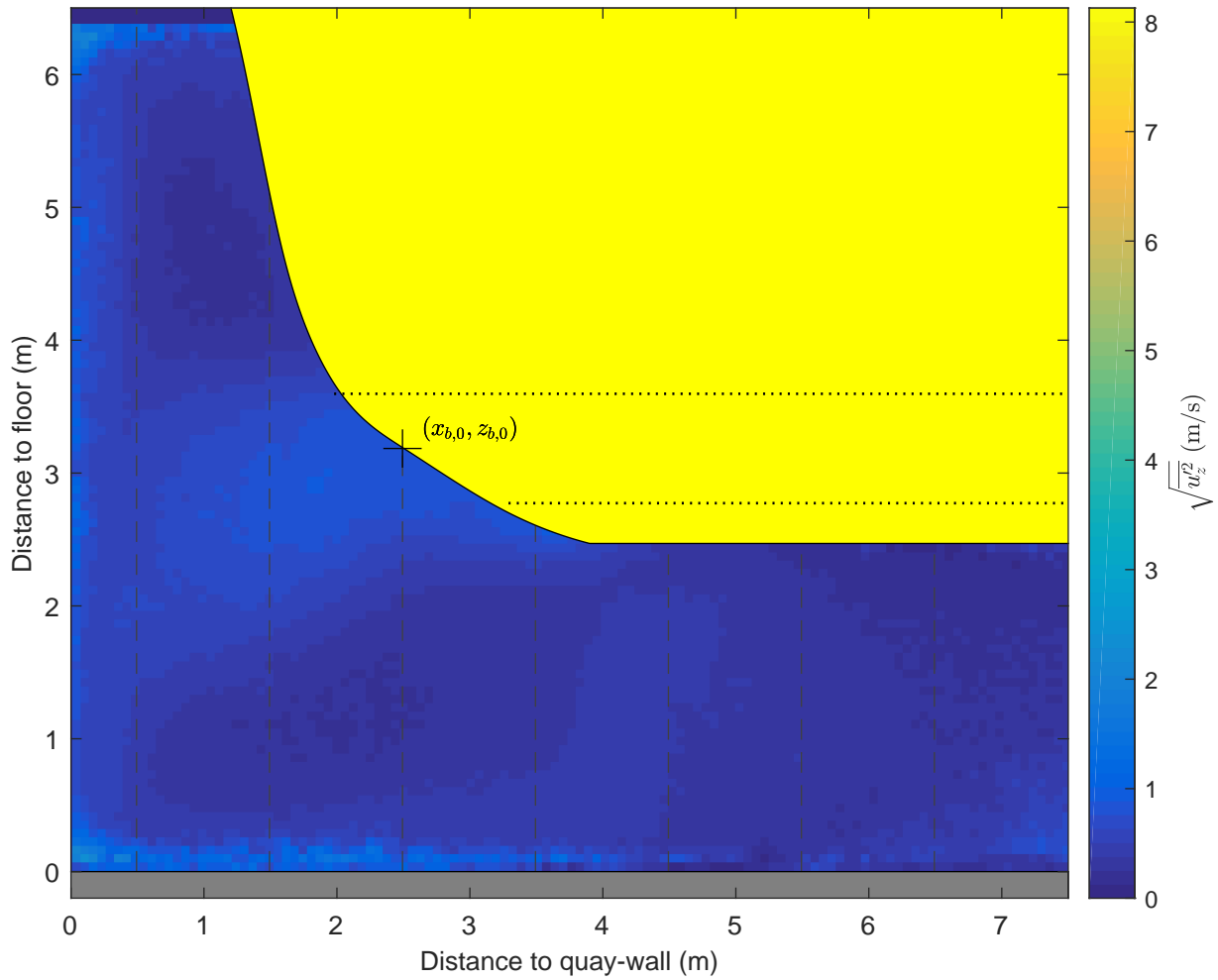
**Deltares**

11206641

Fig. G

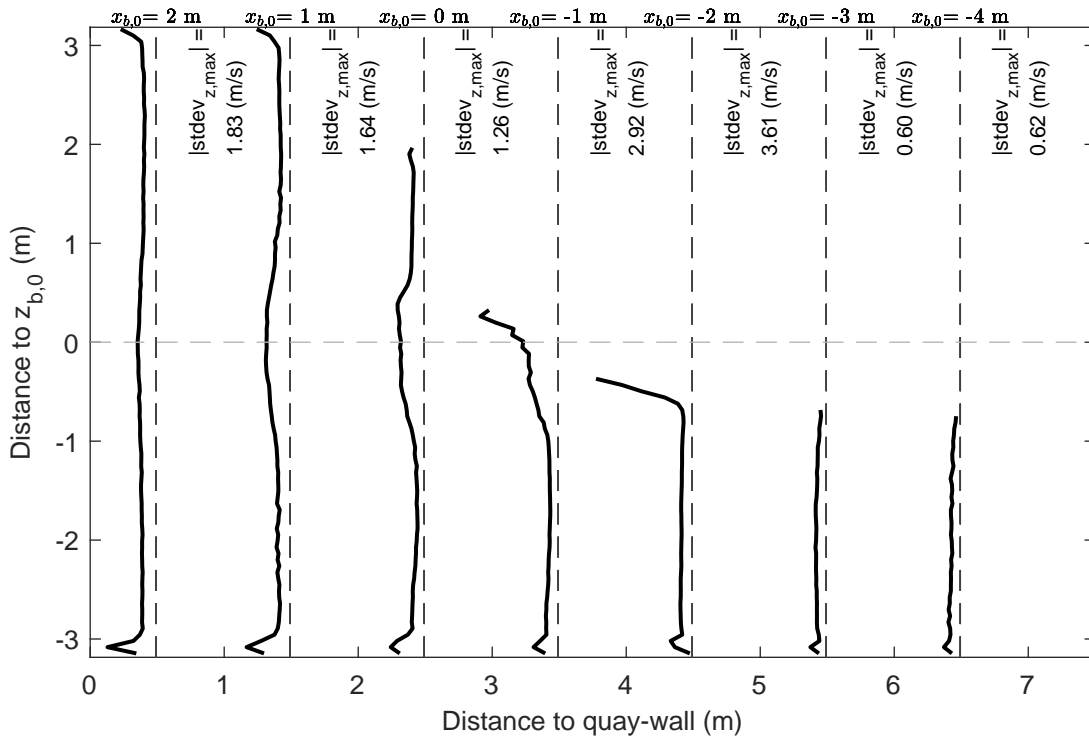
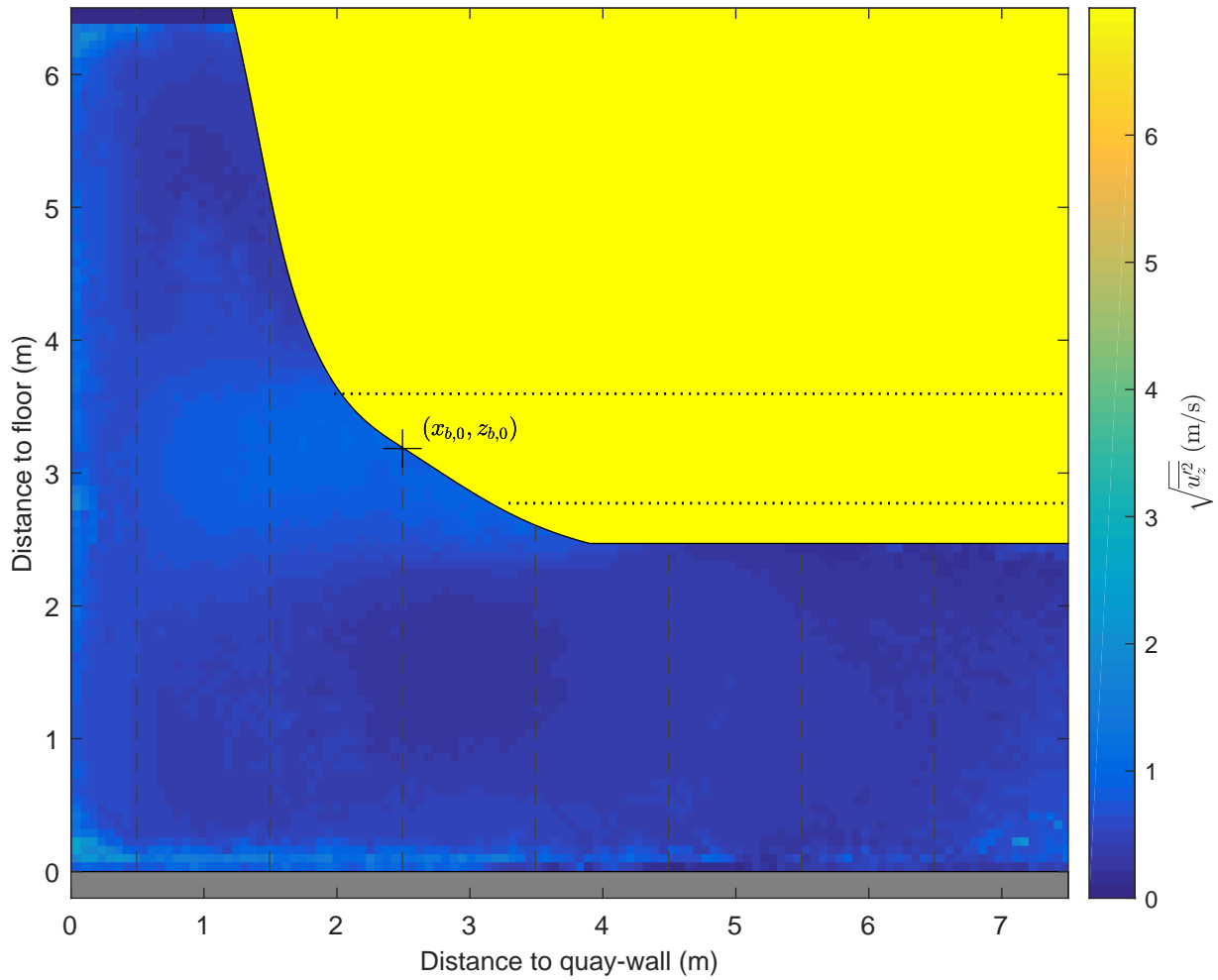


Standard deviation map and vertical profiles, $u_z$ Active thruster: BT1&BT2 $\Delta x = 0.8$ m, $\Delta y = 2.0$ m, UKC = 2.5 m, $U_{BT2} = 4.1$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP233	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT1&BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 3.5 \text{ m}$ , UKC = 2.5 m, $U_{BT2} = 4.3 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP235	
<b>Deltares</b>	11206641	Fig. G





Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 0.8$  m,  $\Delta y = 3.5$  m, UKC = 2.5 m,  $U_{BT2} = 4.6$  m/s

PIV, FOV1

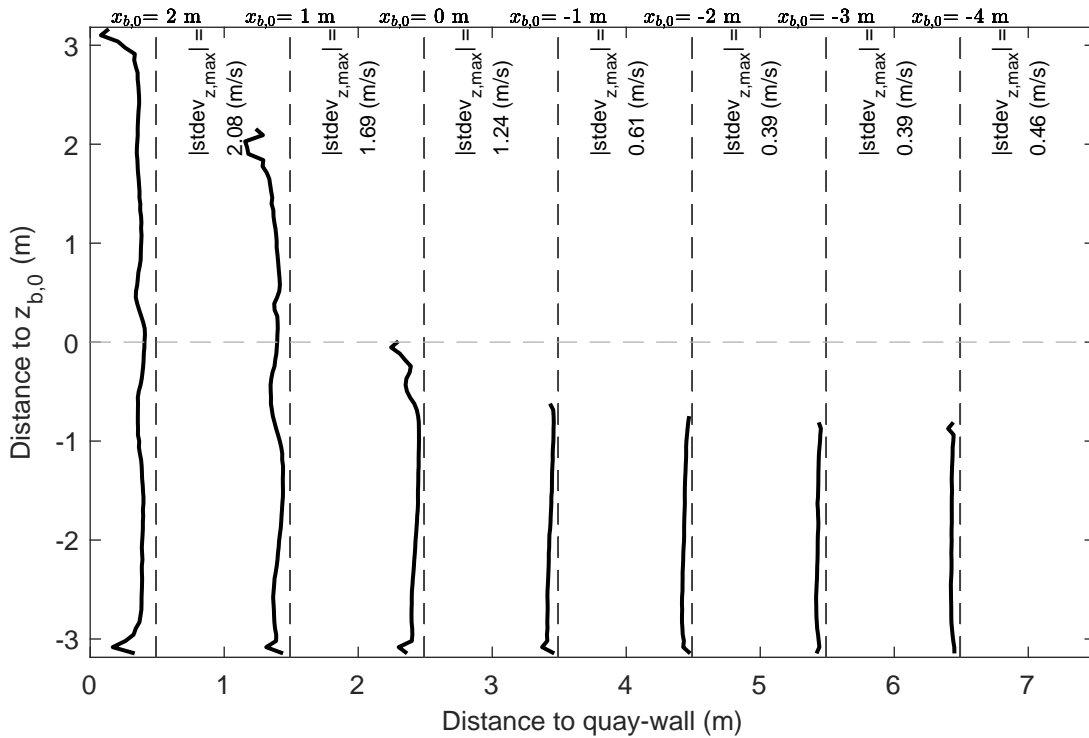
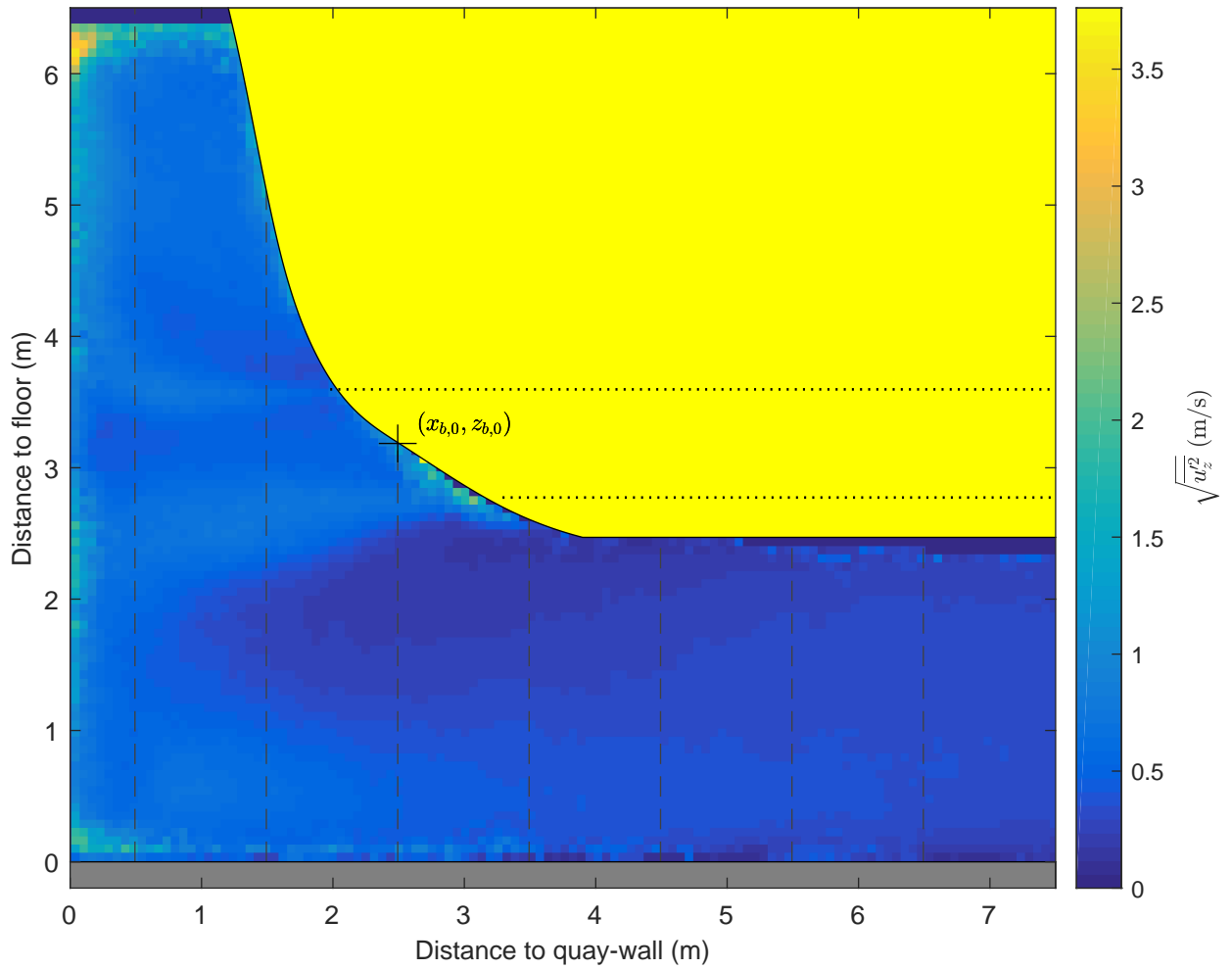
TKI-SOP

PIVSOP238

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT1&BT2  
 $\Delta x = 0.8 \text{ m}$ ,  $\Delta y = 0.0 \text{ m}$ , UKC = 2.5 m,  $U_{BT2} = 4.6 \text{ m/s}$

PIV, FOV1

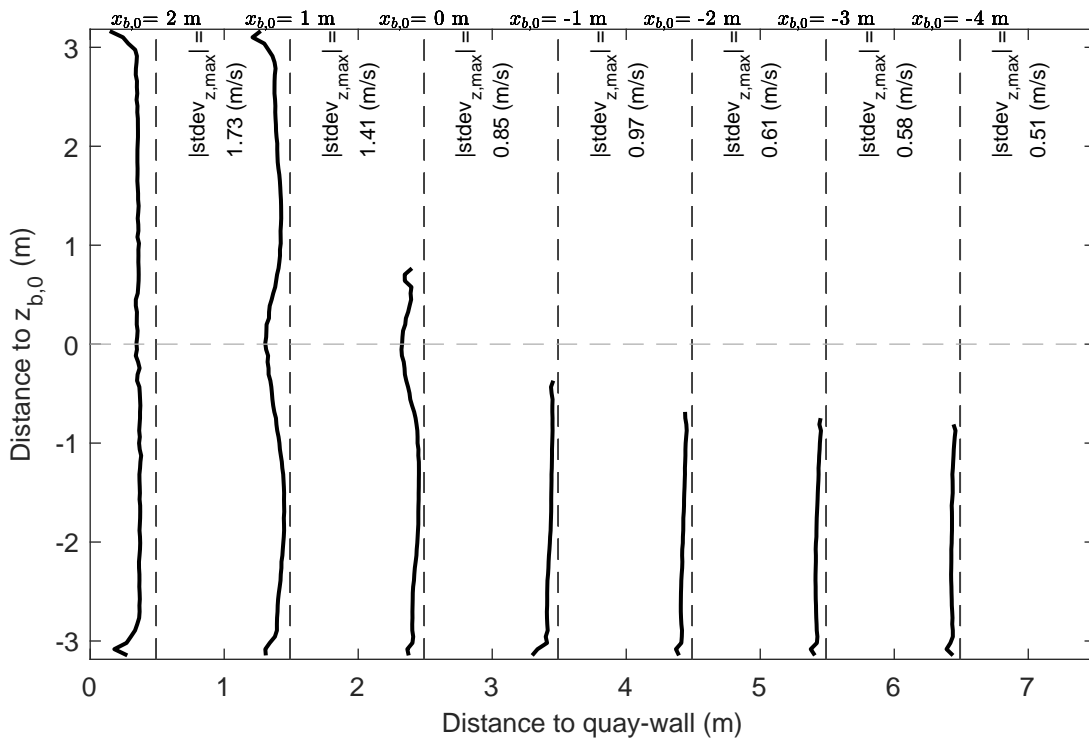
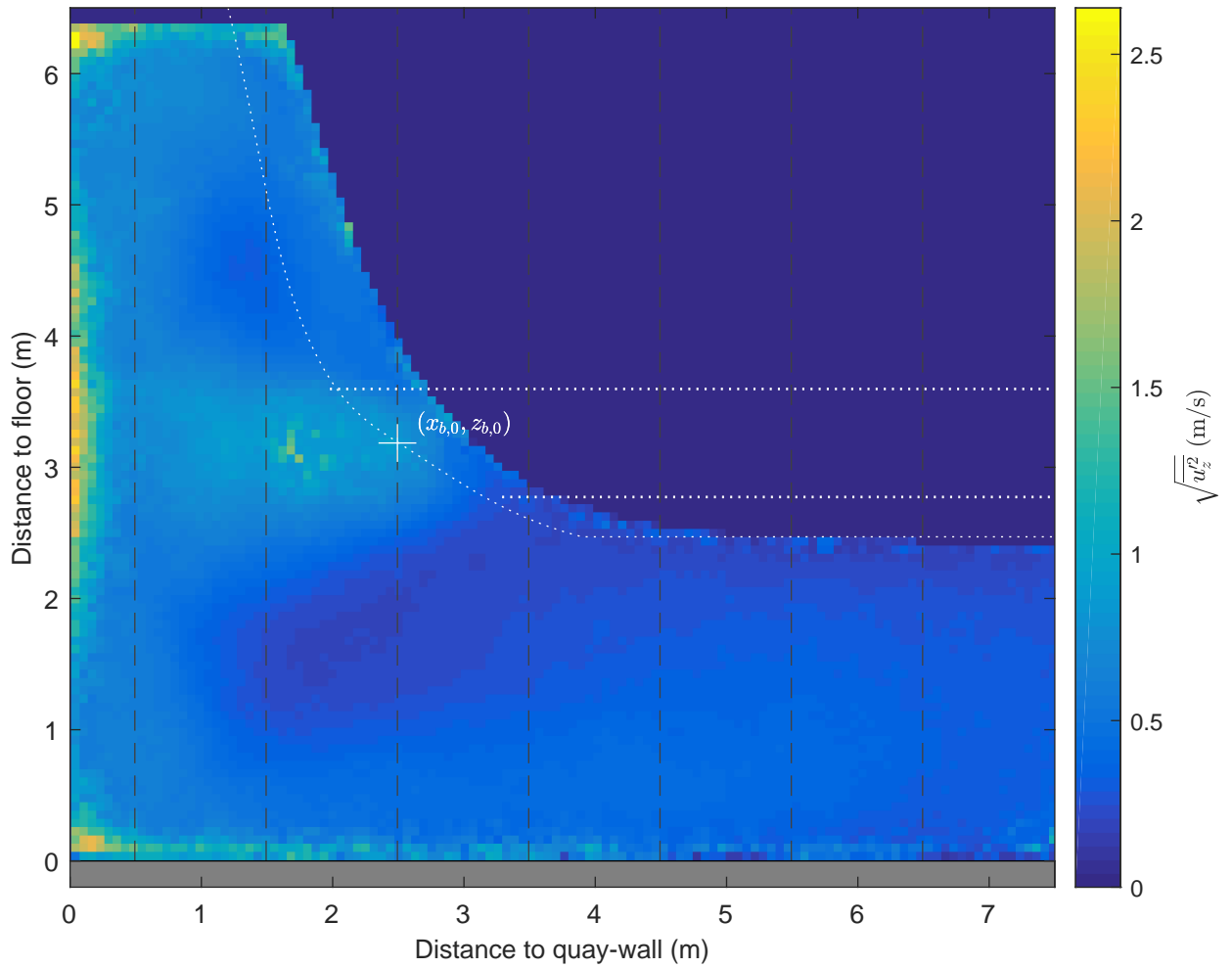
TKI-SOP

PIVSOP242

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT1&BT2  
 $\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.5$  m/s

PIV, FOV1

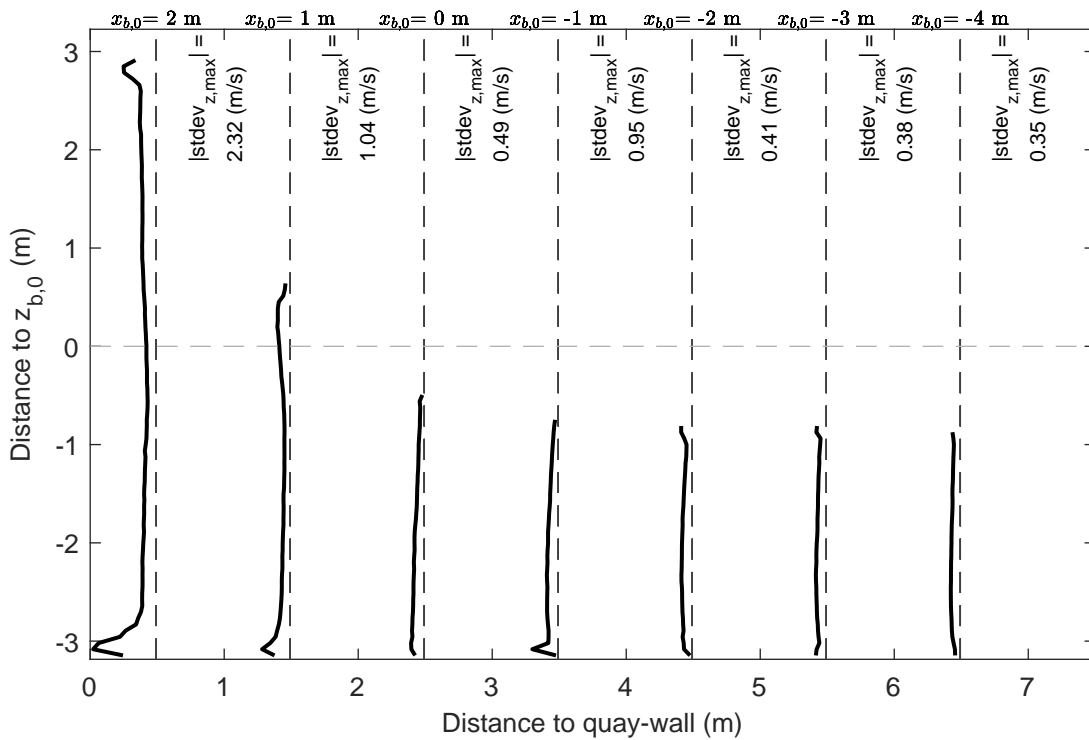
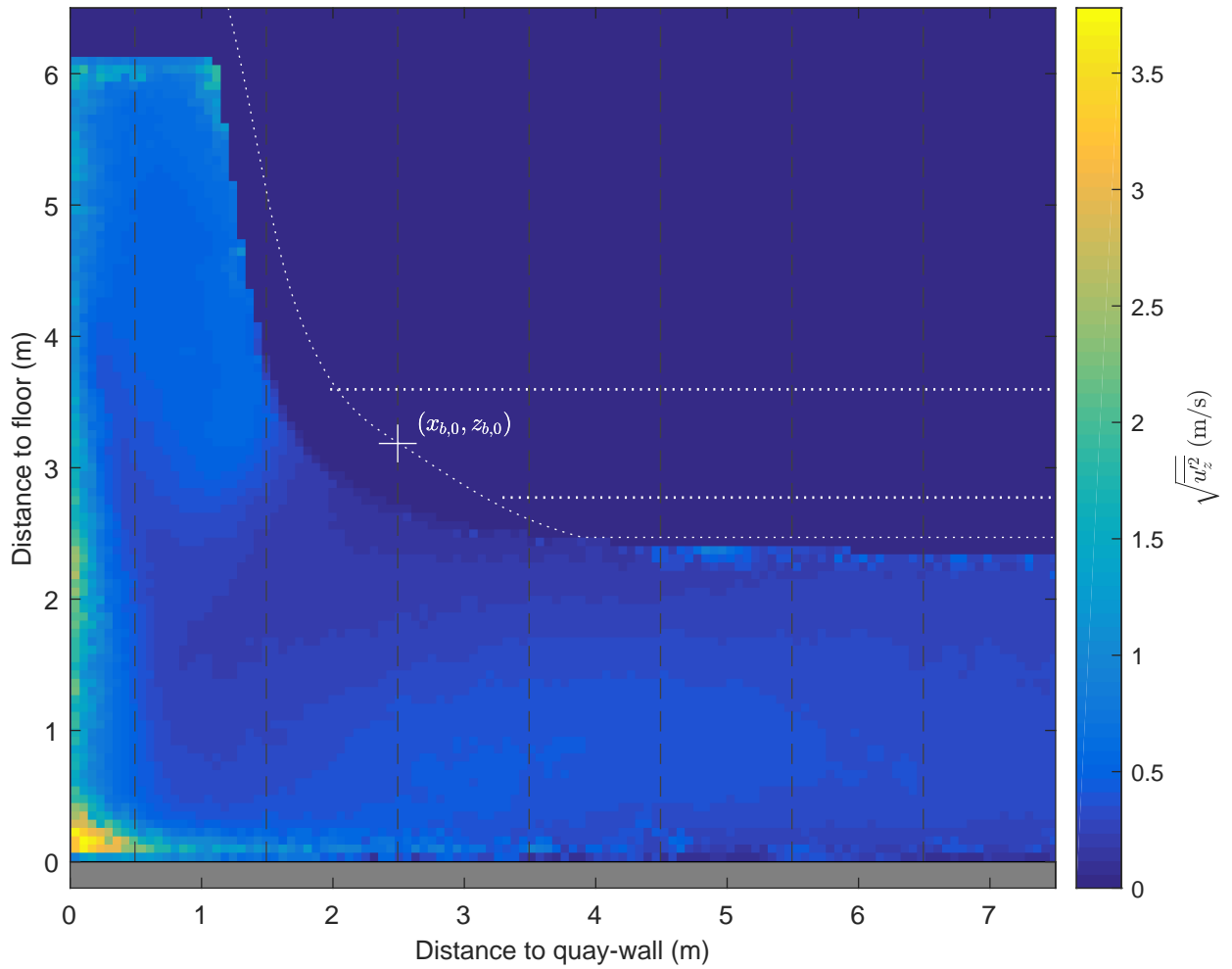
TKI-SOP

PIVSOP244

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 0.8$  m,  $\Delta y = -2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.5$  m/s

PIV, FOV1

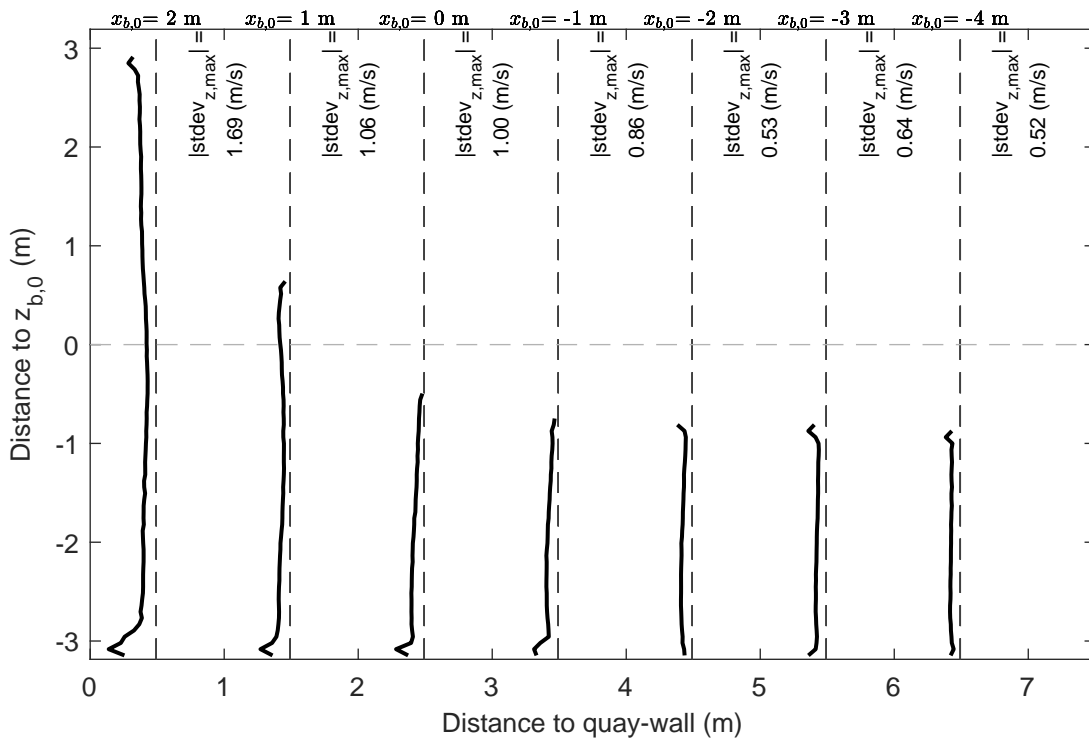
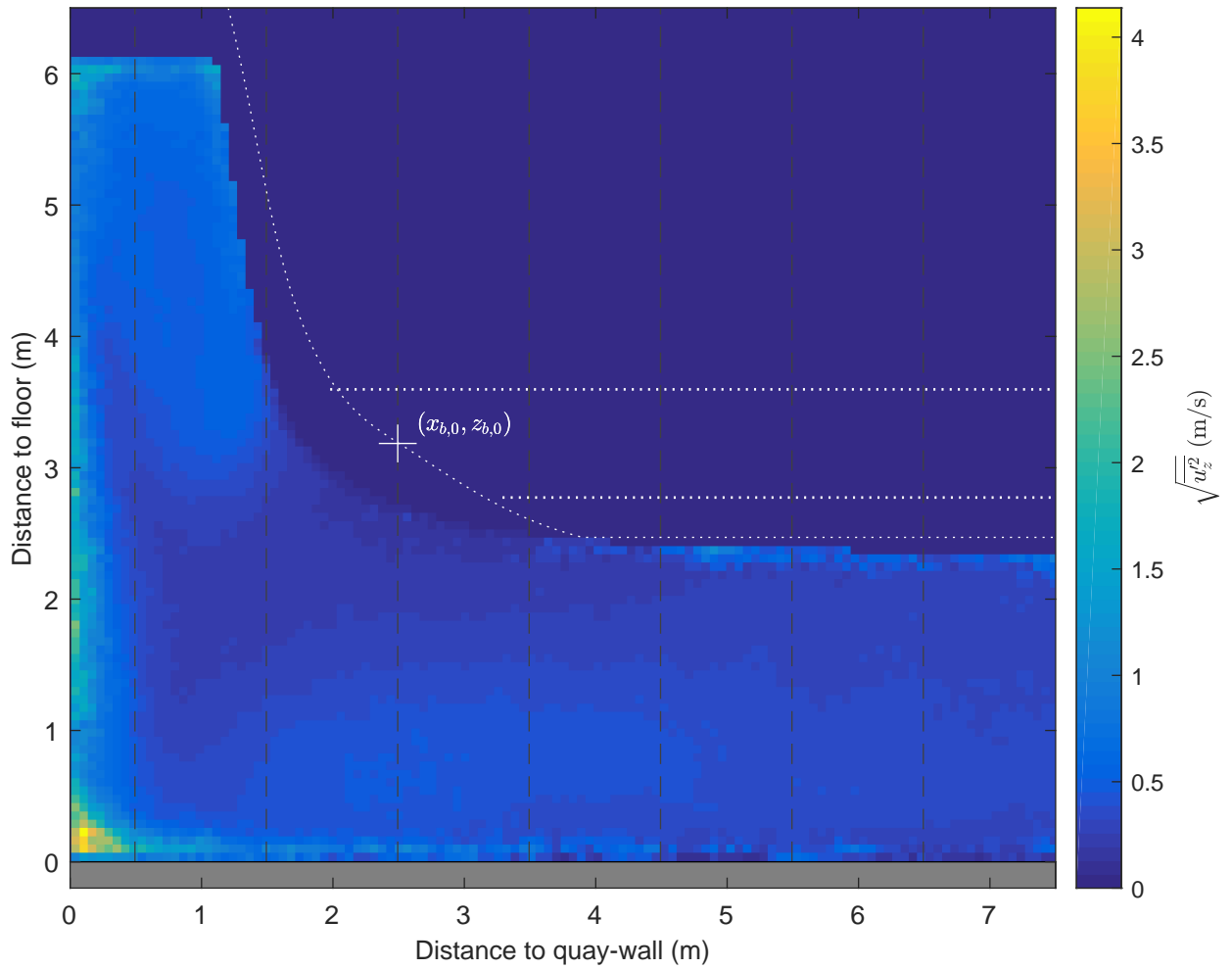
TKI-SOP

PIVSOP247

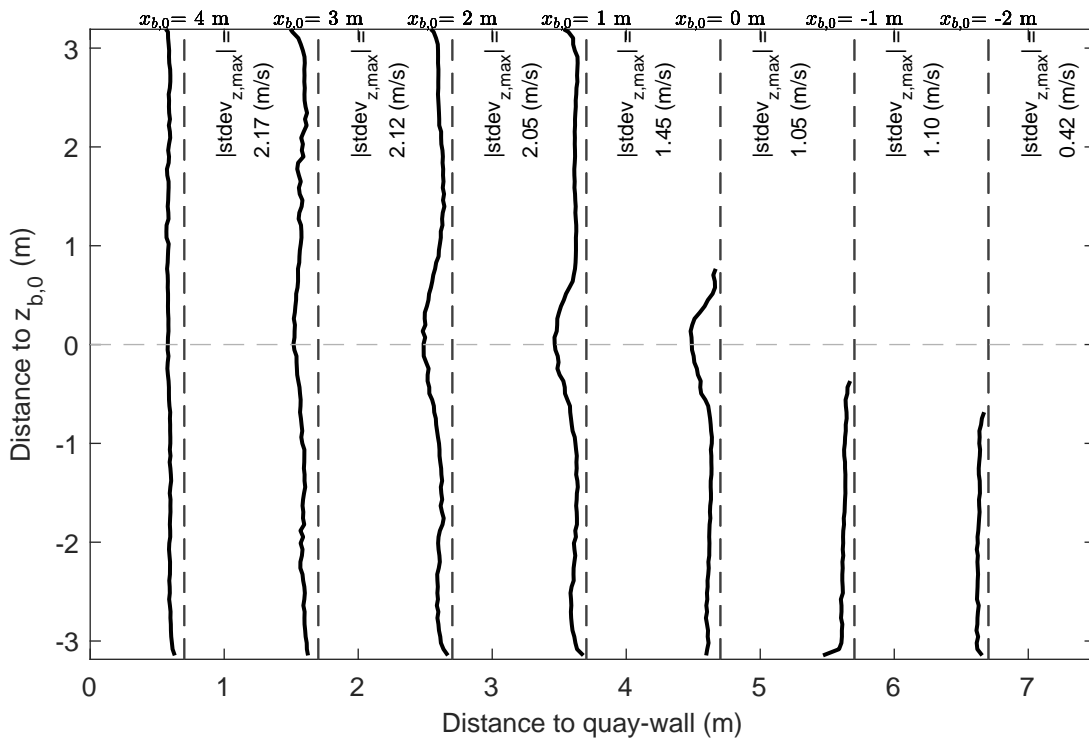
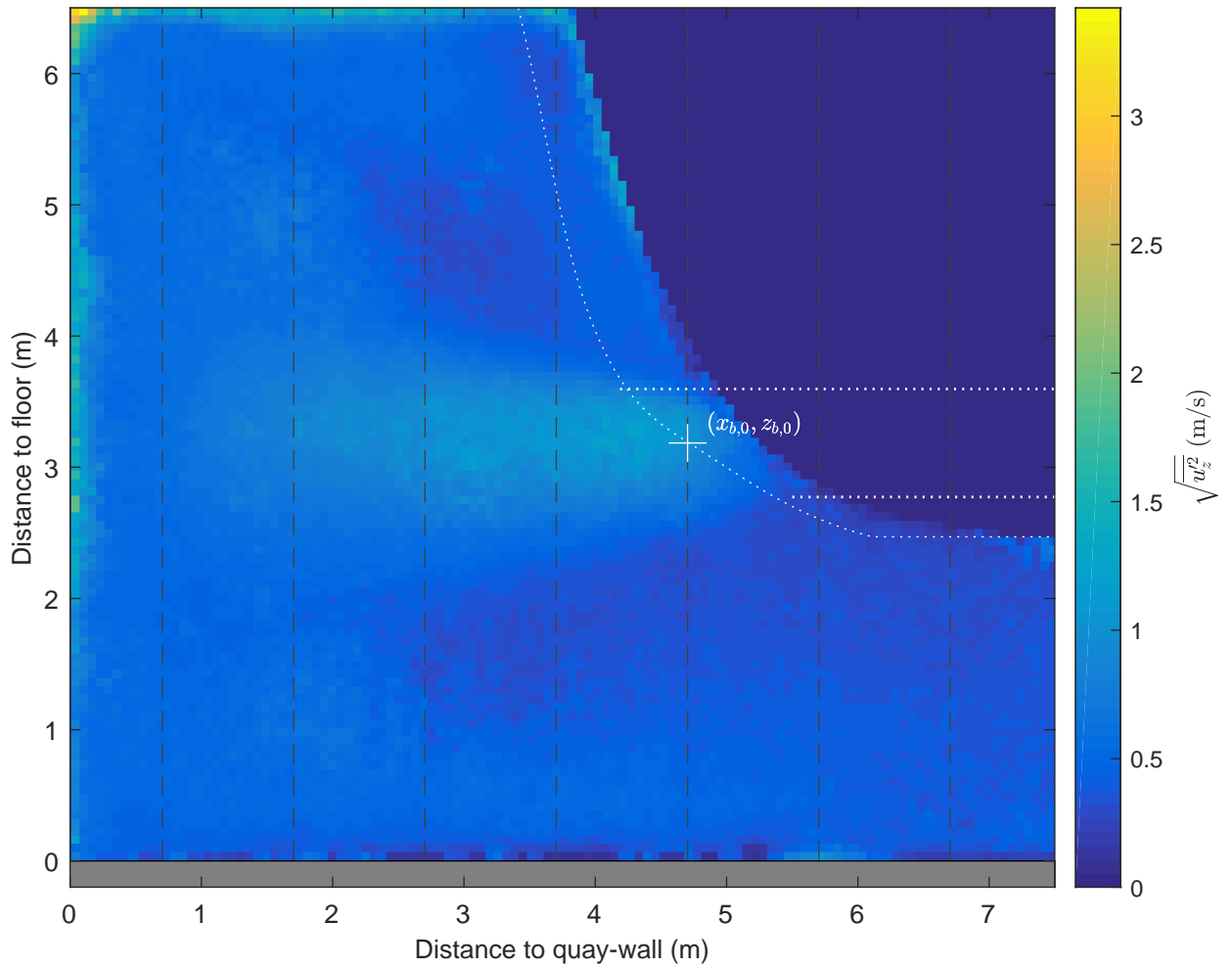
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT1&BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = -2.0 \text{ m}$ , UKC = 2.5 m, $U_{BT2} = 4.3 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP252	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 3.0$  m,  $\Delta y = 2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.3$  m/s

PIV, FOV1

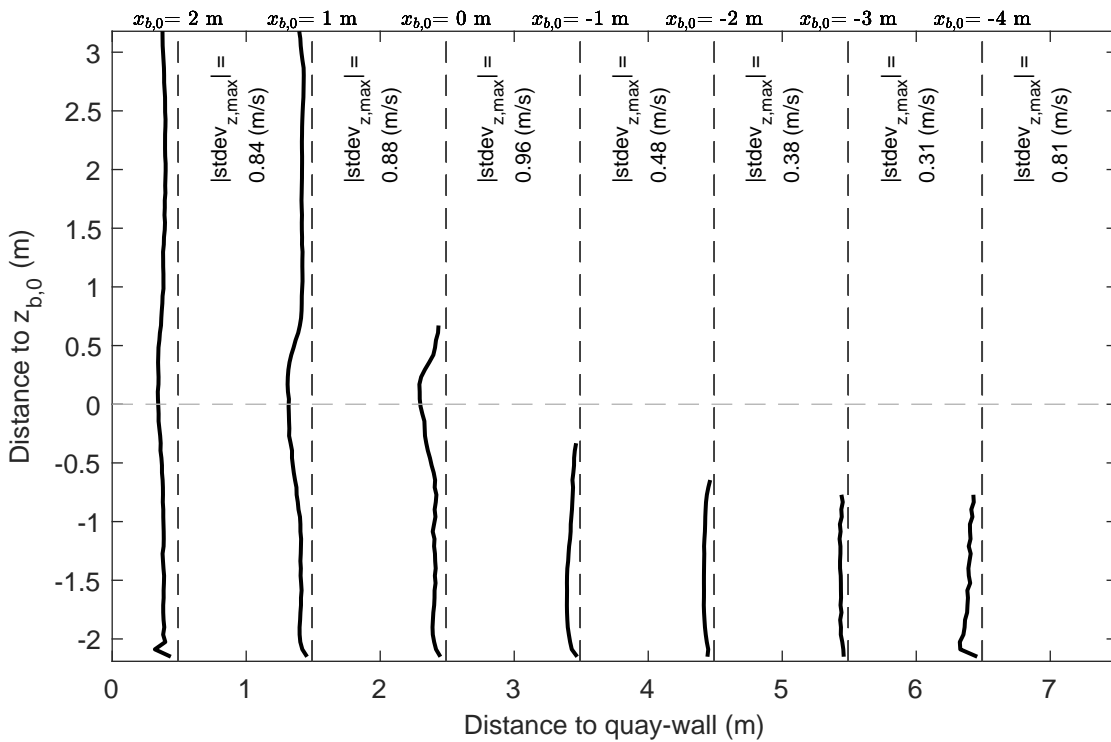
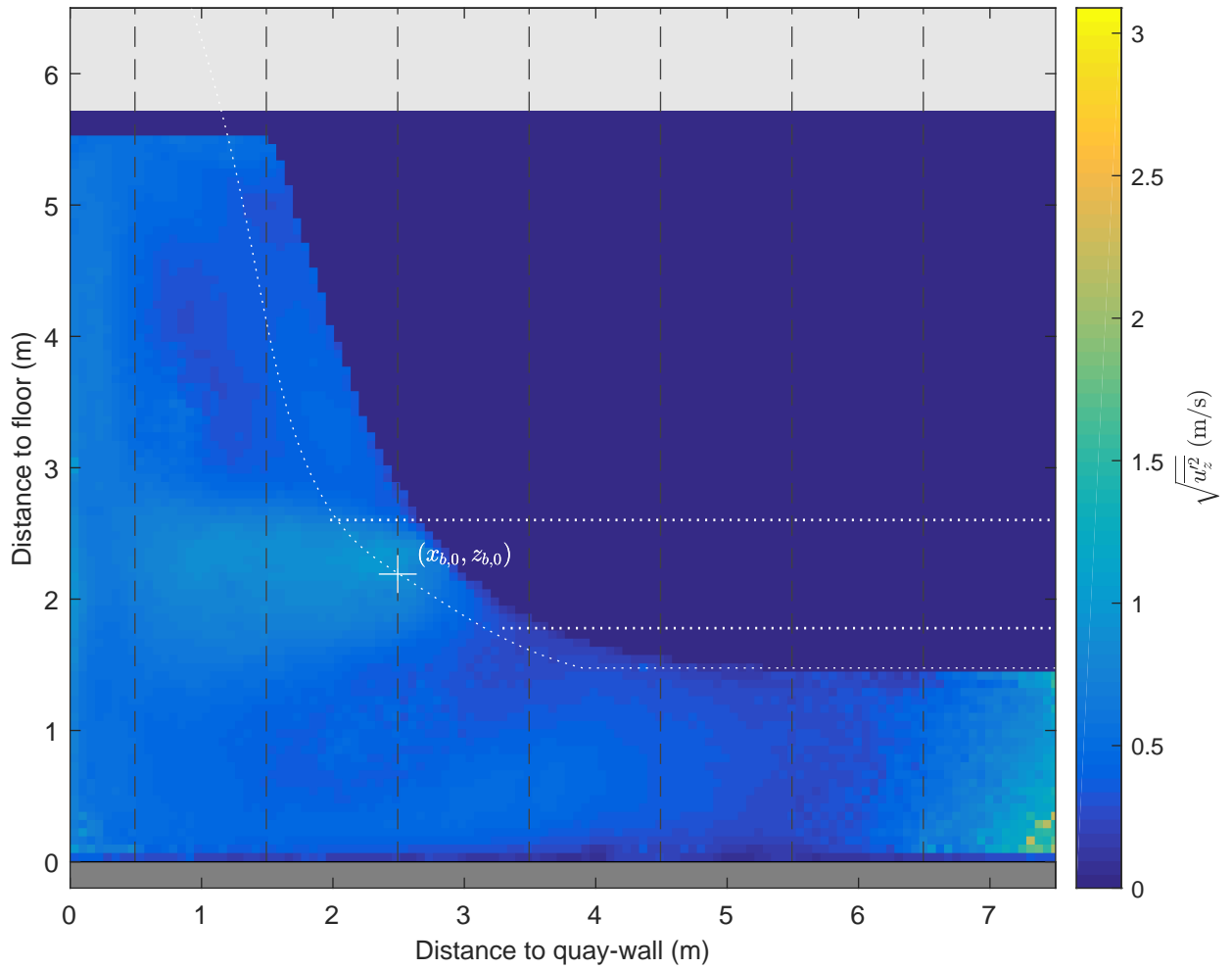
TKI-SOP

PIVSOP254

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 1.5 m,  $U_{BT2} = 4.4$  m/s

PIV, FOV1

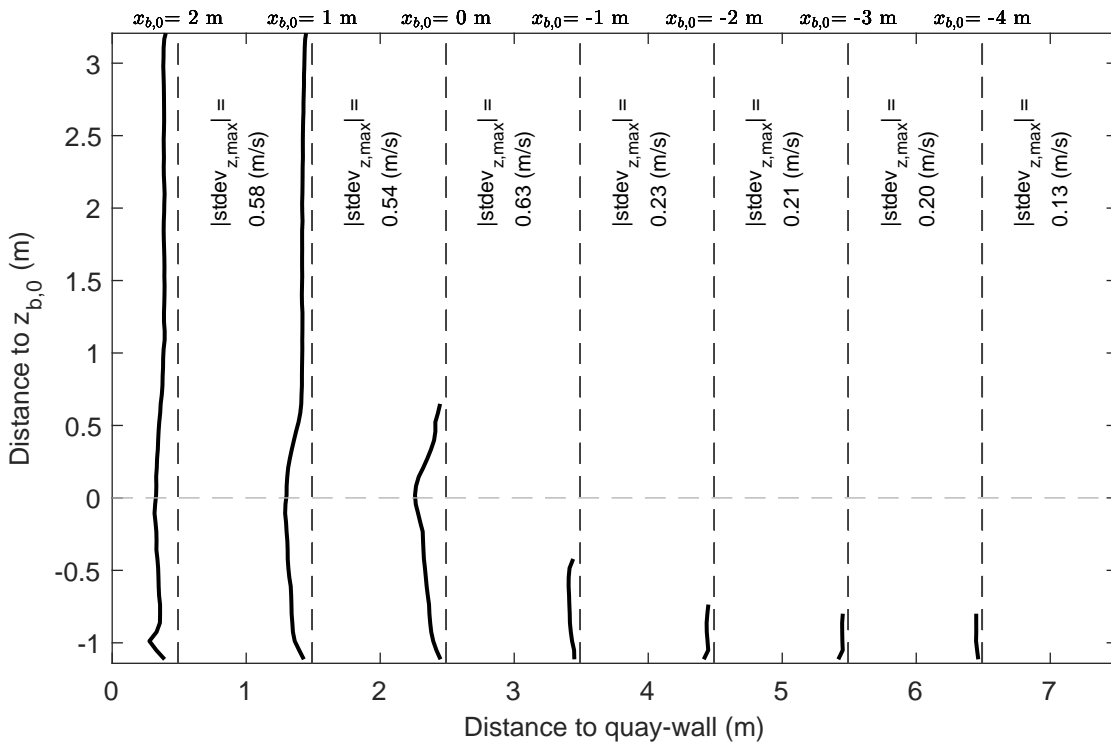
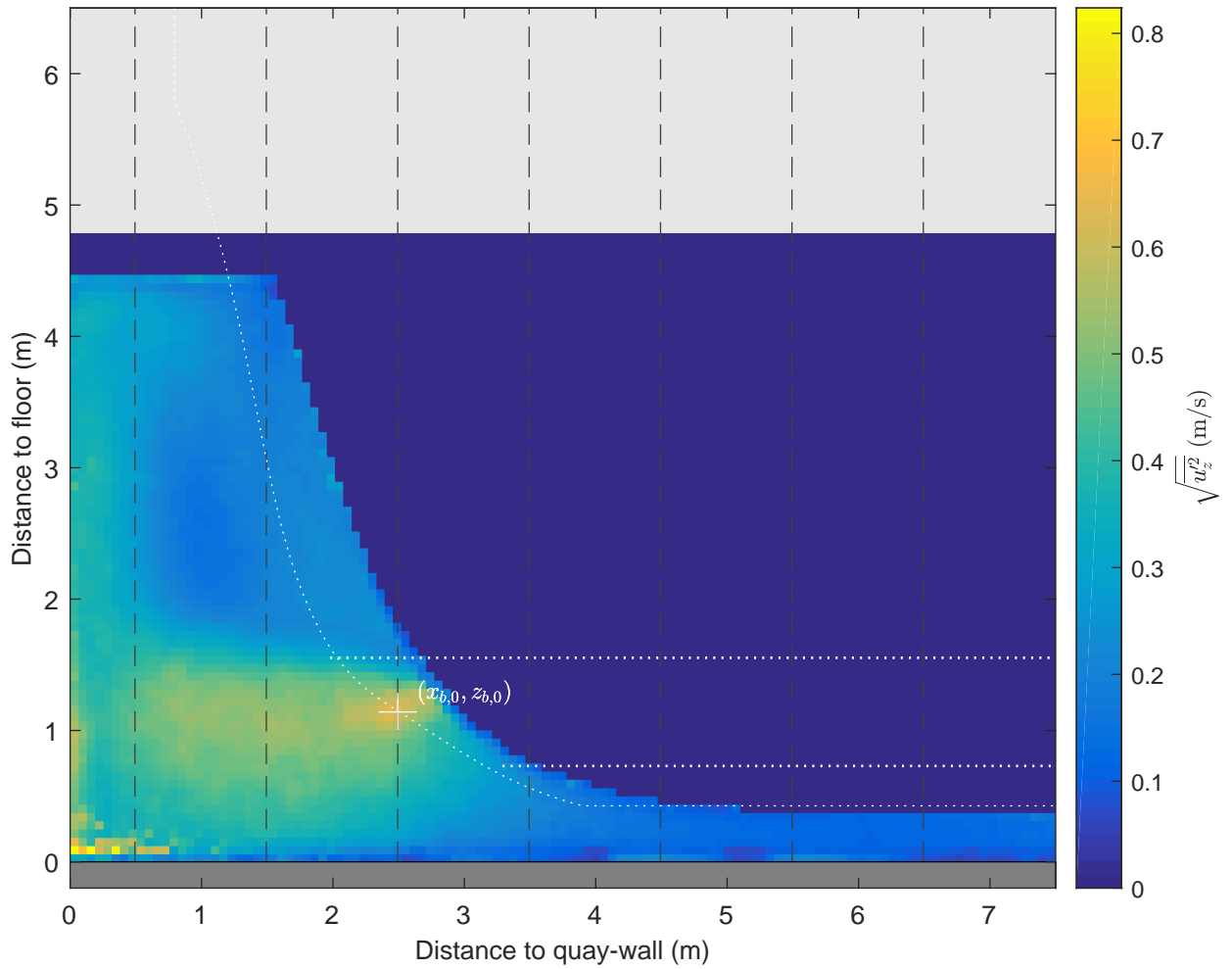
TKI-SOP

PIVSOP263

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 0.4 m,  $U_{\text{BT}2} = 2.4$  m/s

PIV, FOV1

TKI-SOP

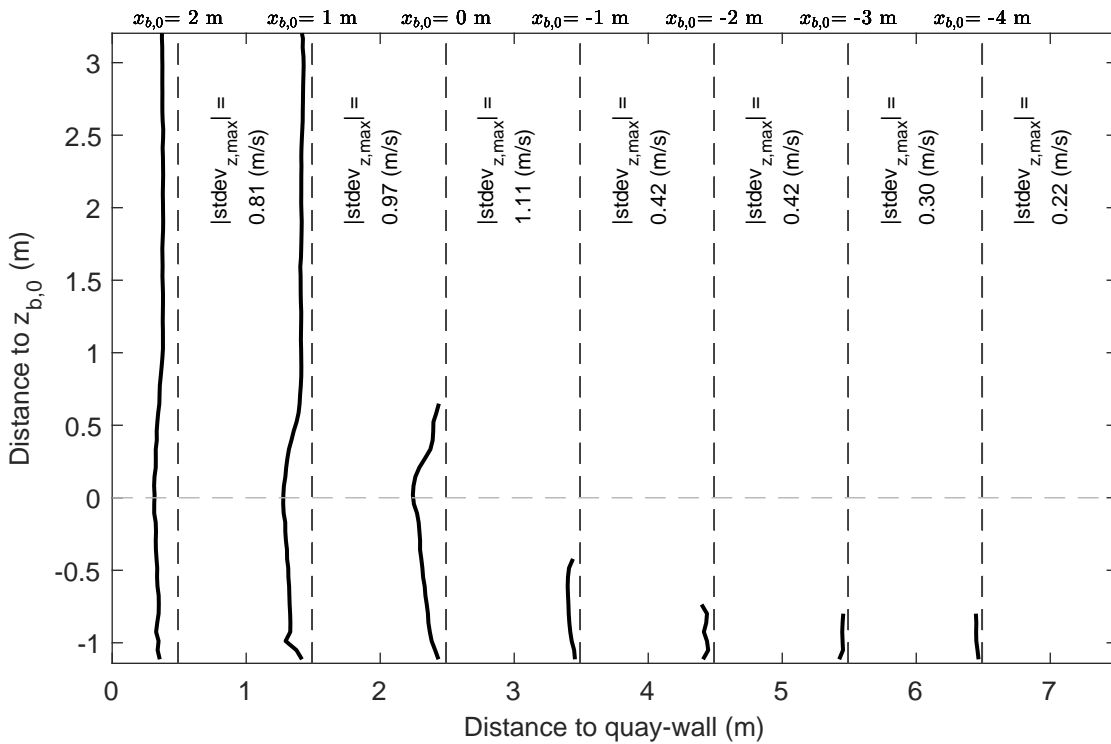
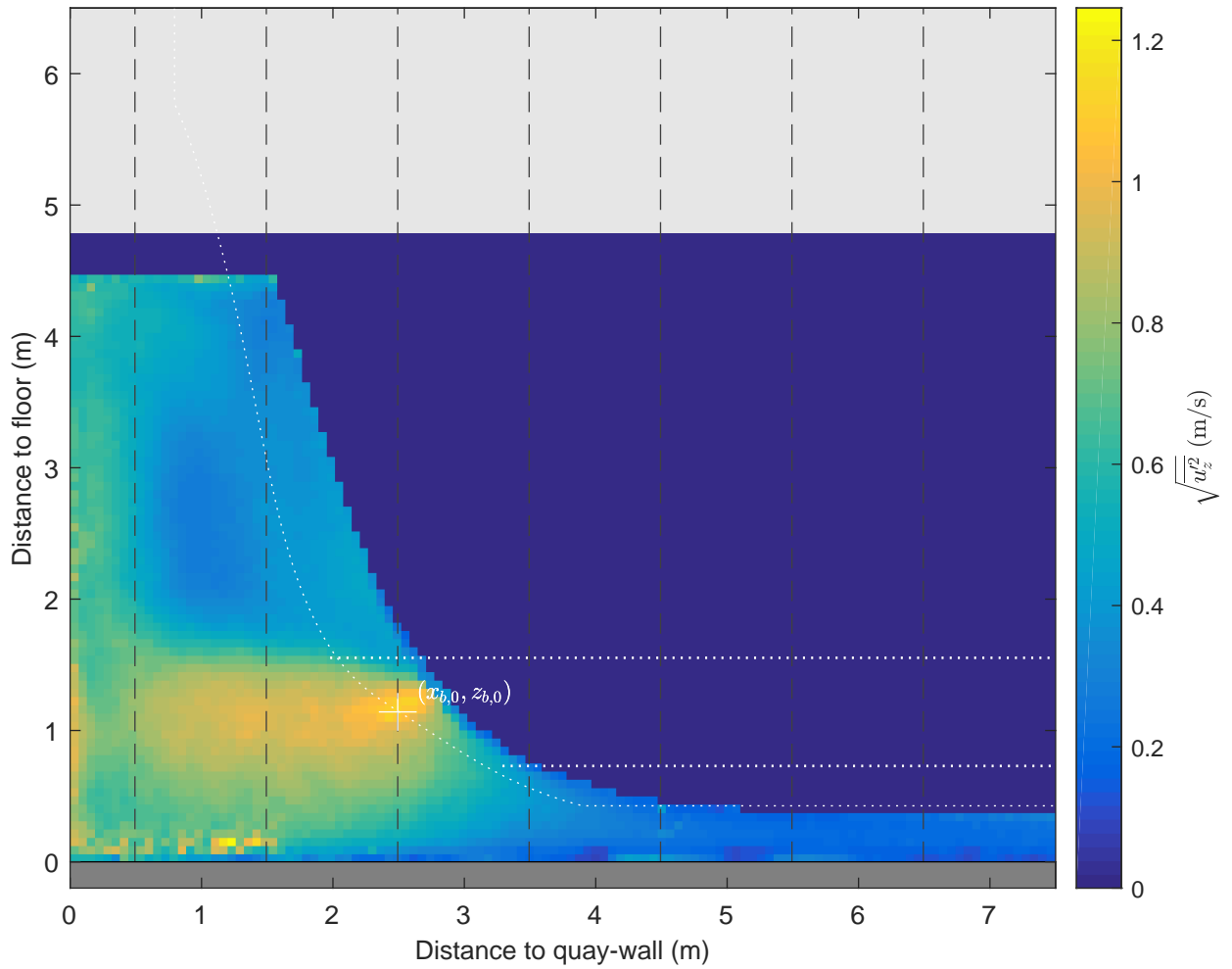
PIVSOP267

Deltares

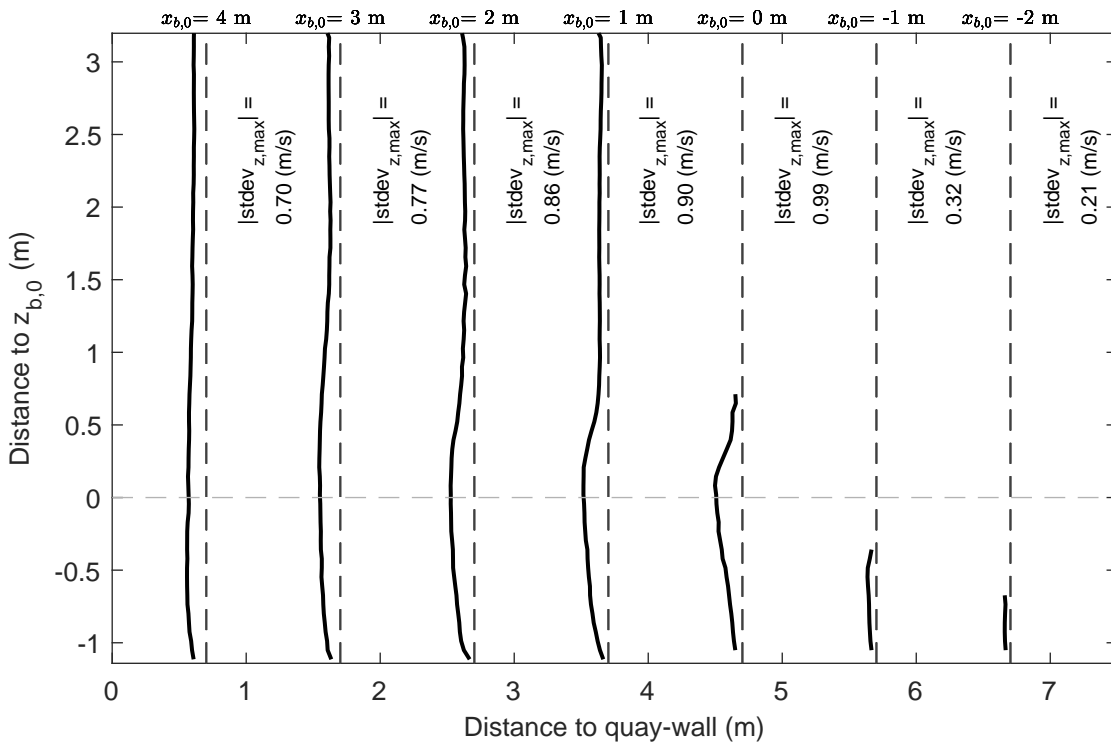
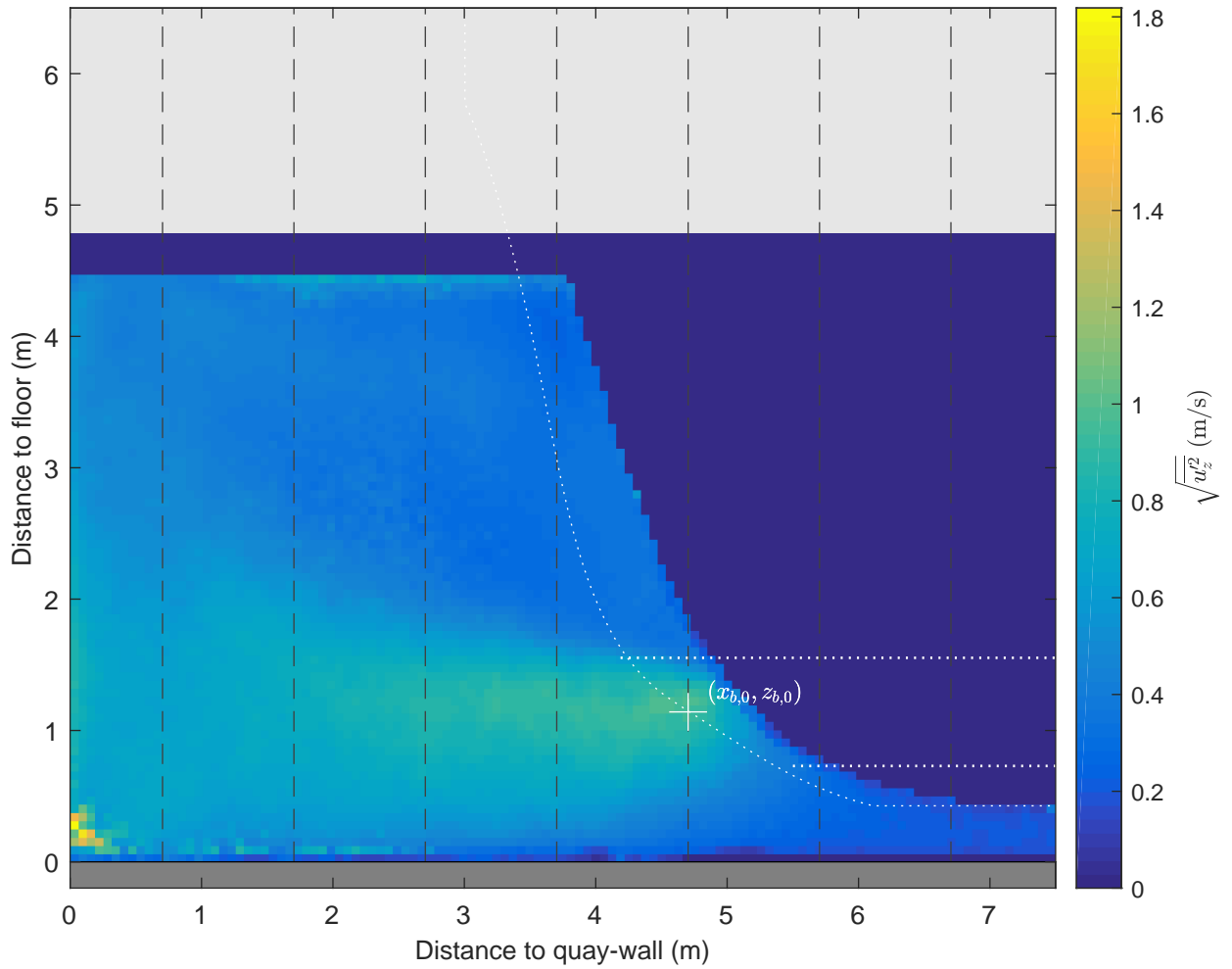
11206641

Fig. G





Standard deviation map and vertical profiles, $u_z$ Active thruster: BT1&BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 2.0 \text{ m}$ , UKC = 0.4 m, $U_{BT2} = 4.1 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP269	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 3.0$  m,  $\Delta y = 2.0$  m, UKC = 0.4 m,  $U_{BT2} = 4.4$  m/s

PIV, FOV1

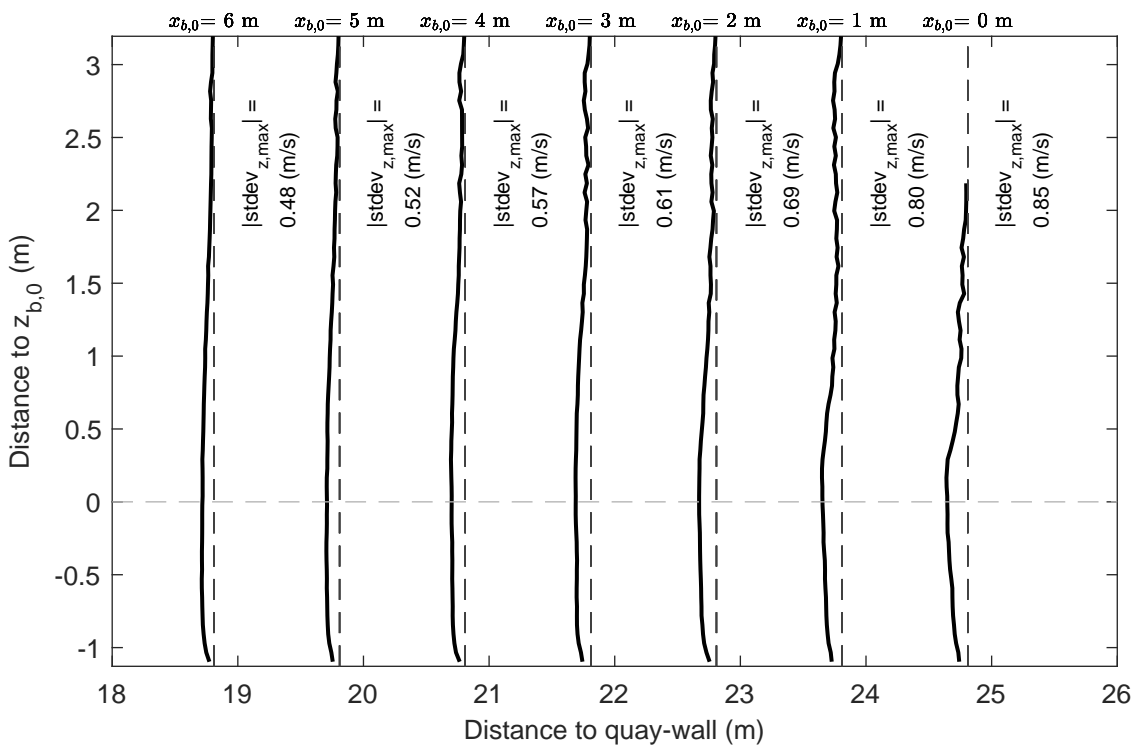
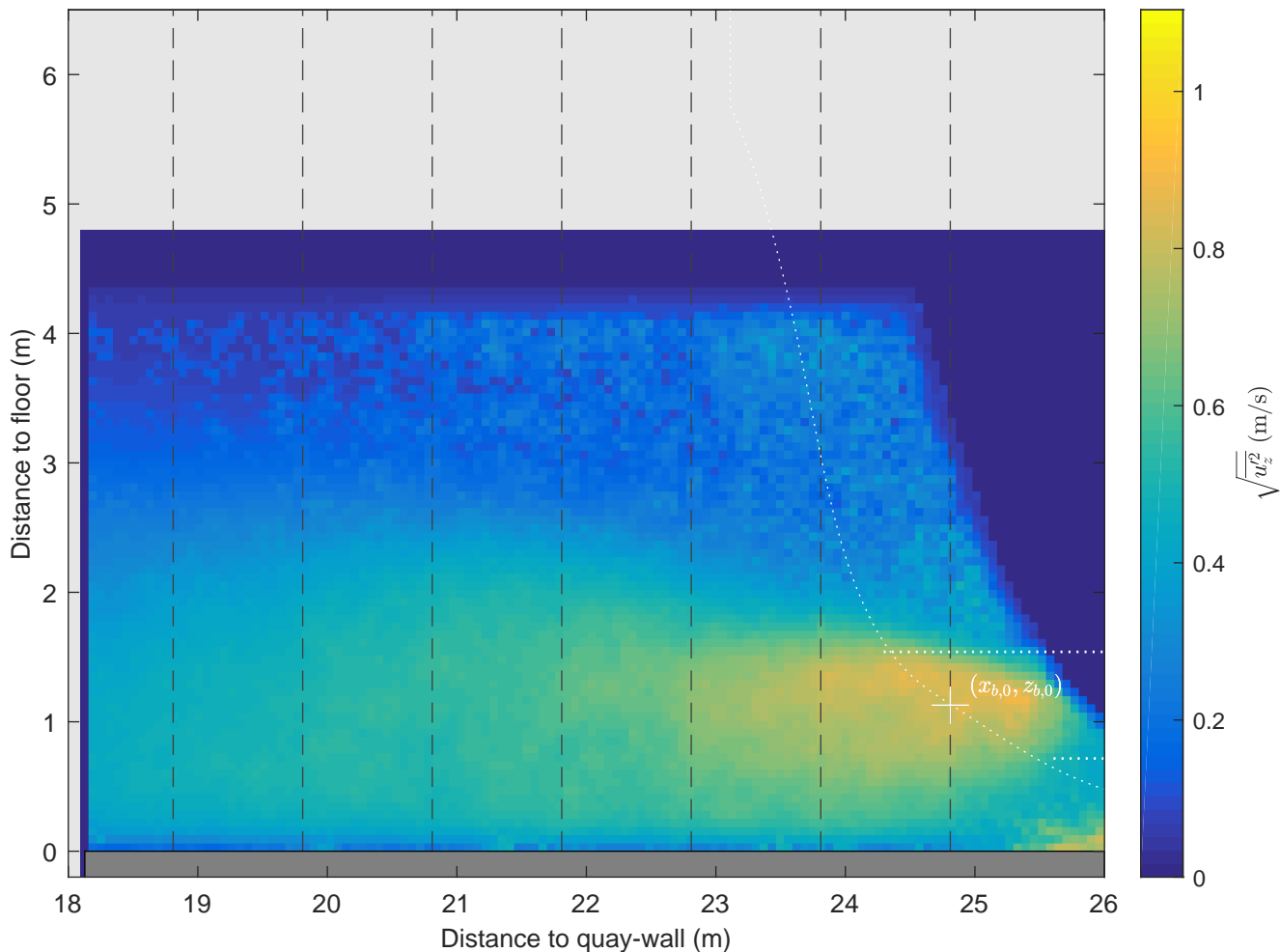
TKI-SOP

PIVSOP272

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 23.1$  m,  $\Delta y = 2.0$  m, UKC = 0.4 m,  $U_{BT2} = 4.5$  m/s

PIV, FOV3

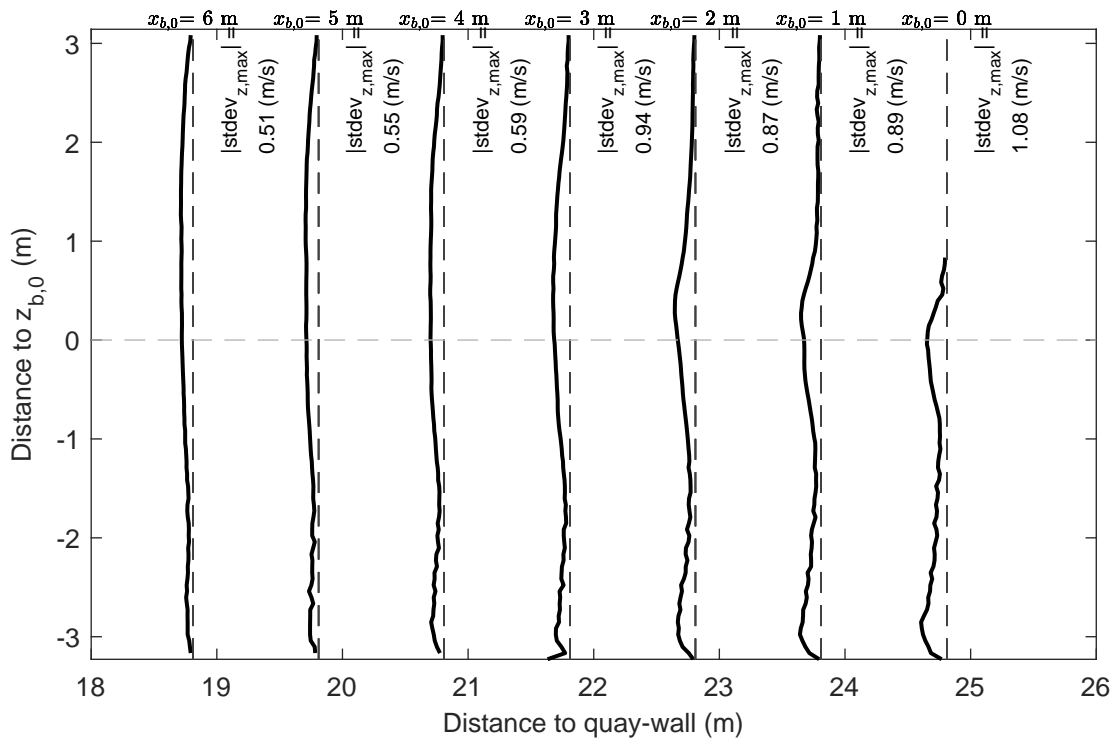
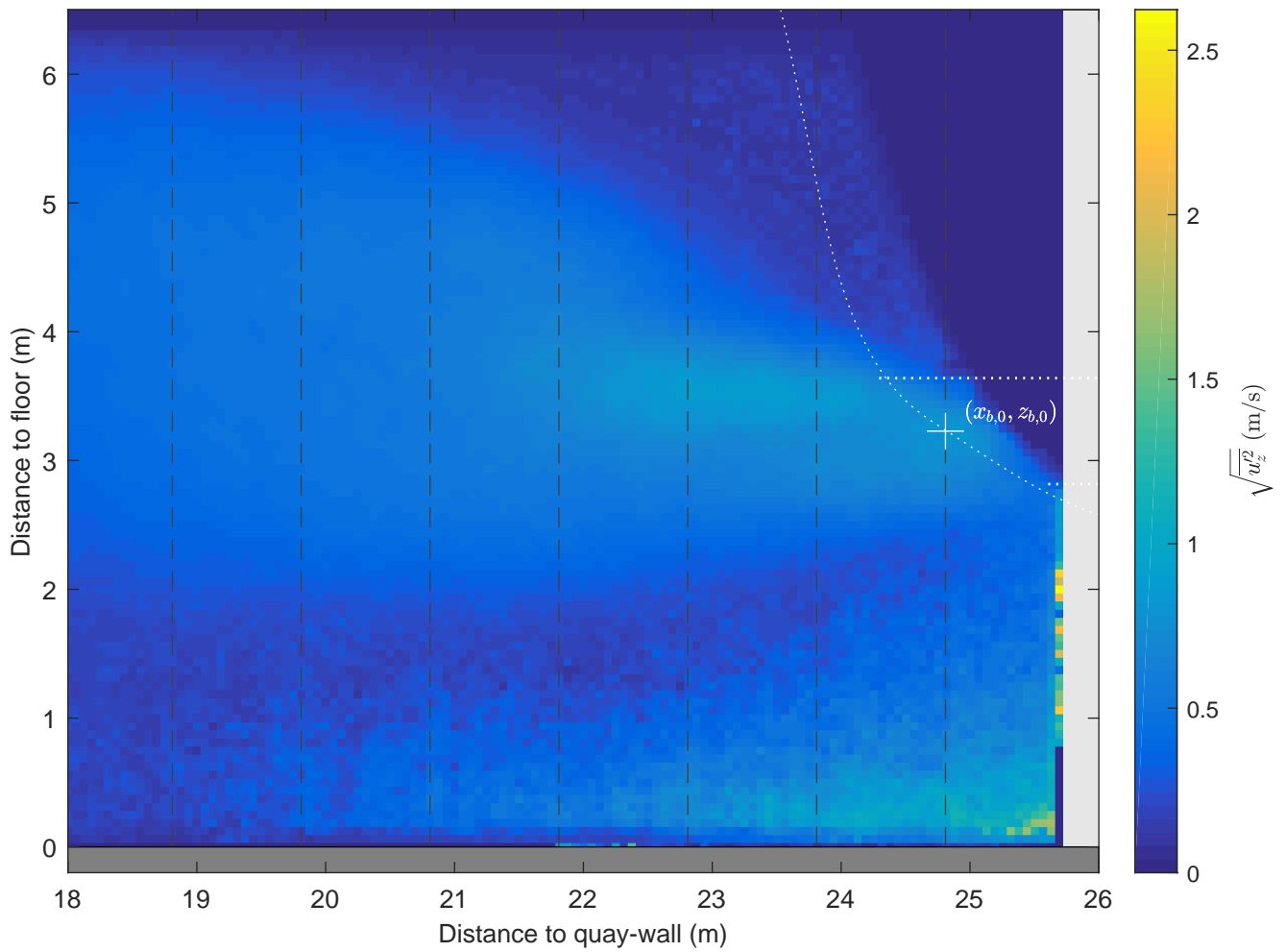
TKI-SOP

PIVSOP275

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT1&BT2

$\Delta x = 23.1$  m,  $\Delta y = 2.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.8$  m/s

PIV, FOV3

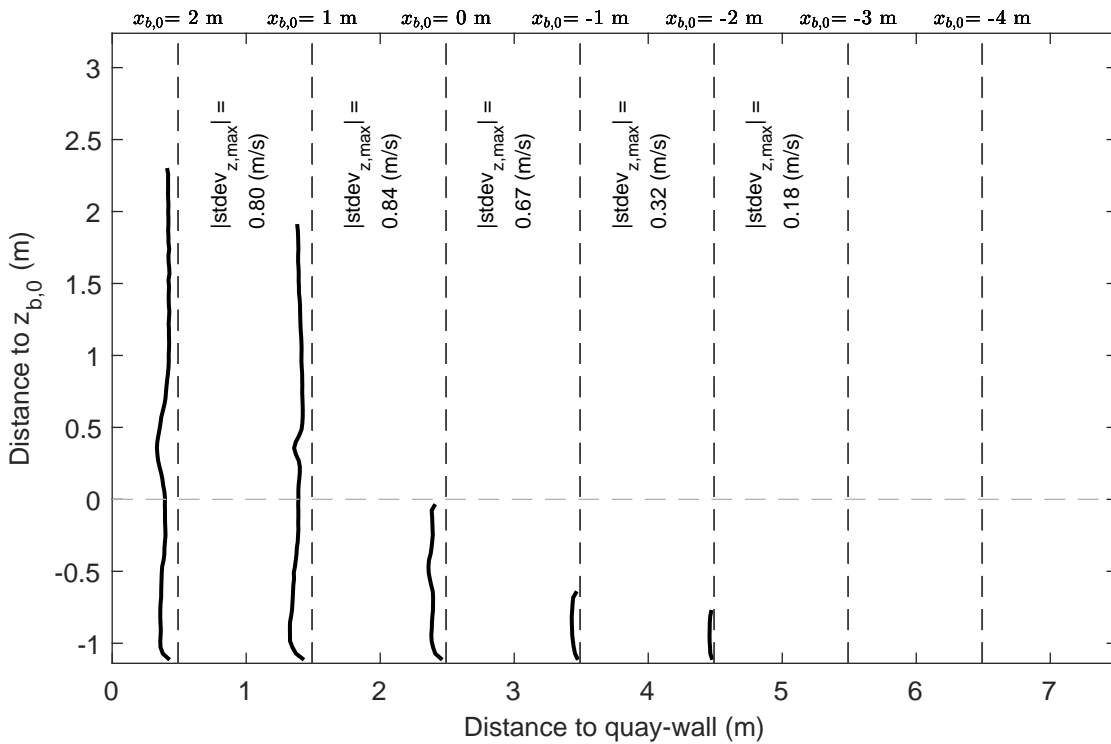
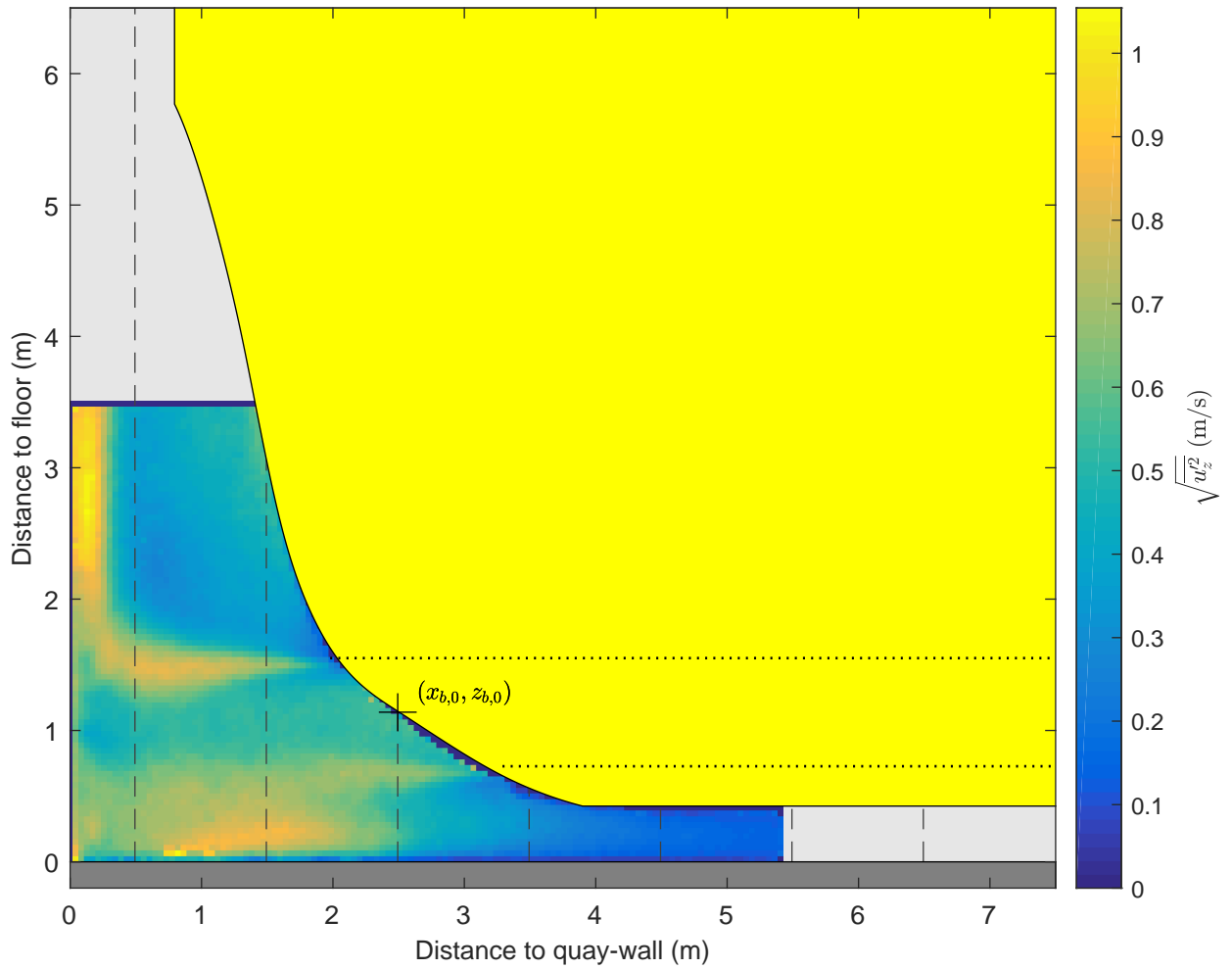
TKI-SOP

PIVSOP278

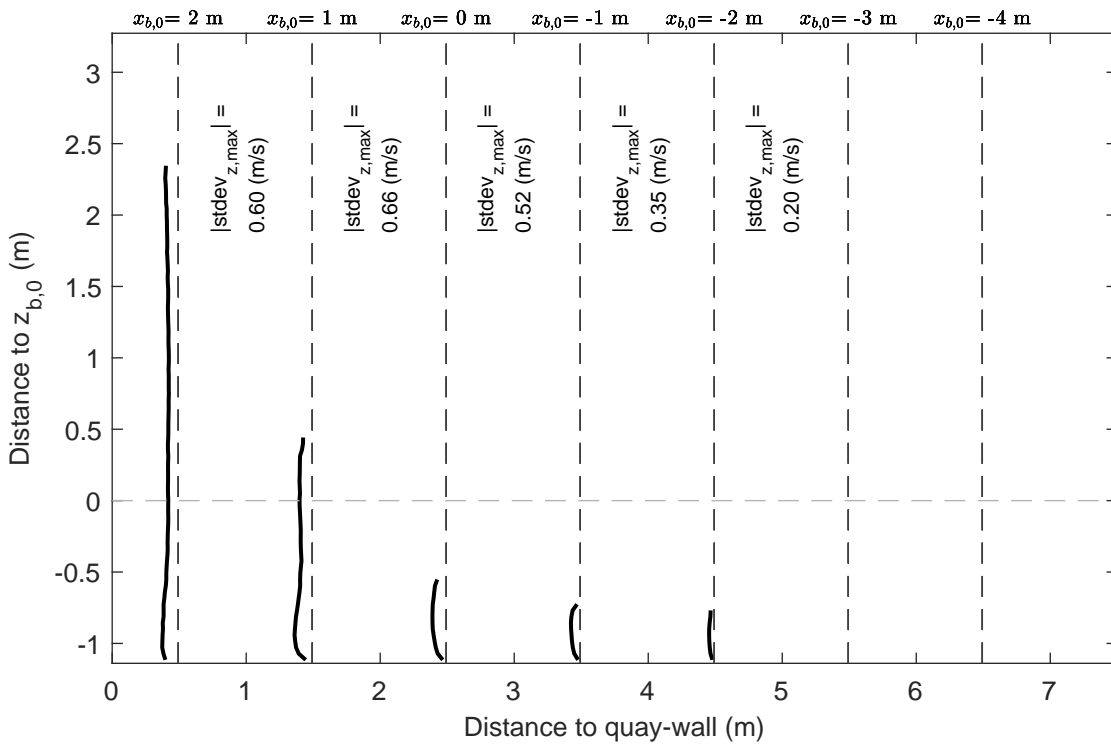
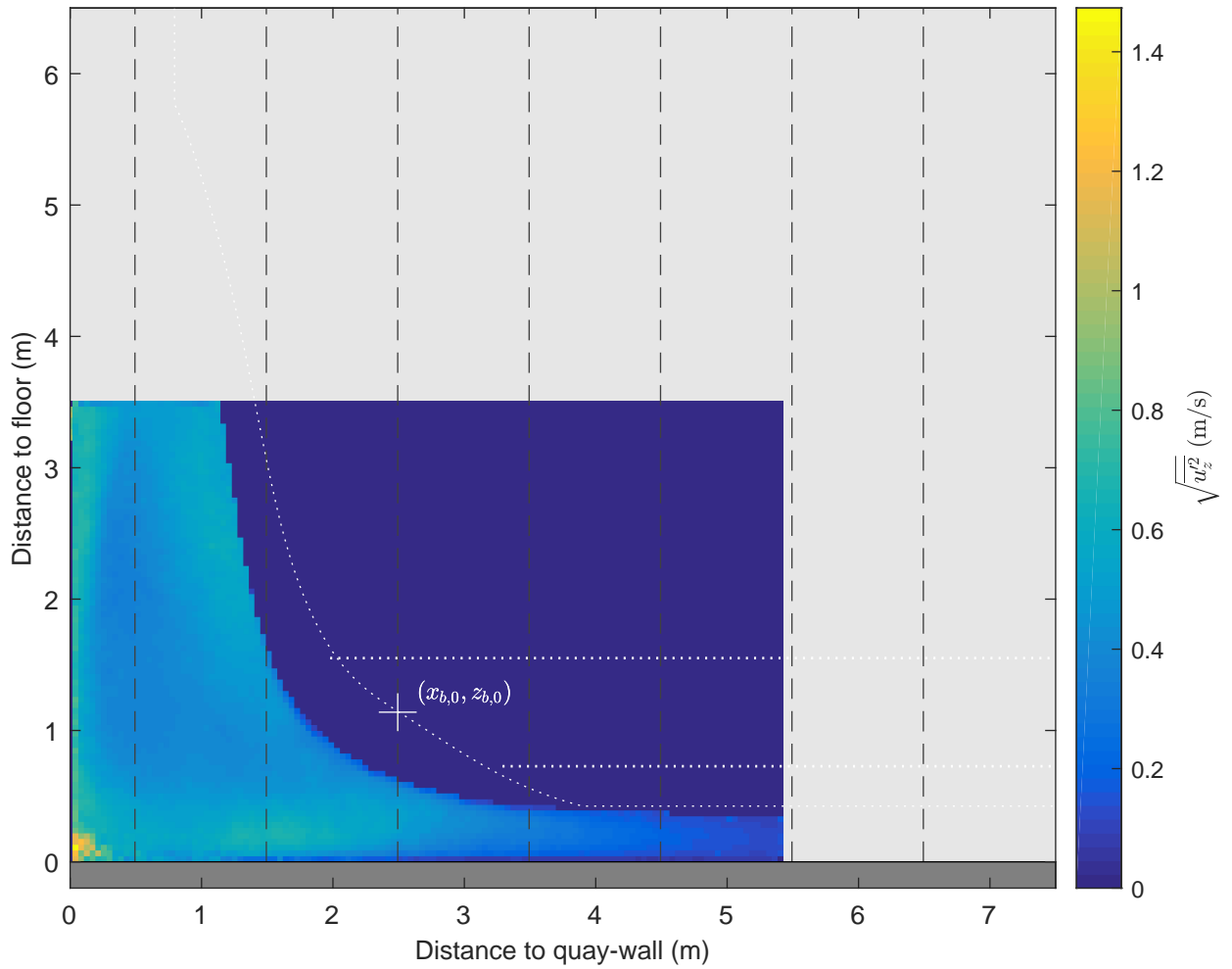
**Deltares**

11206641

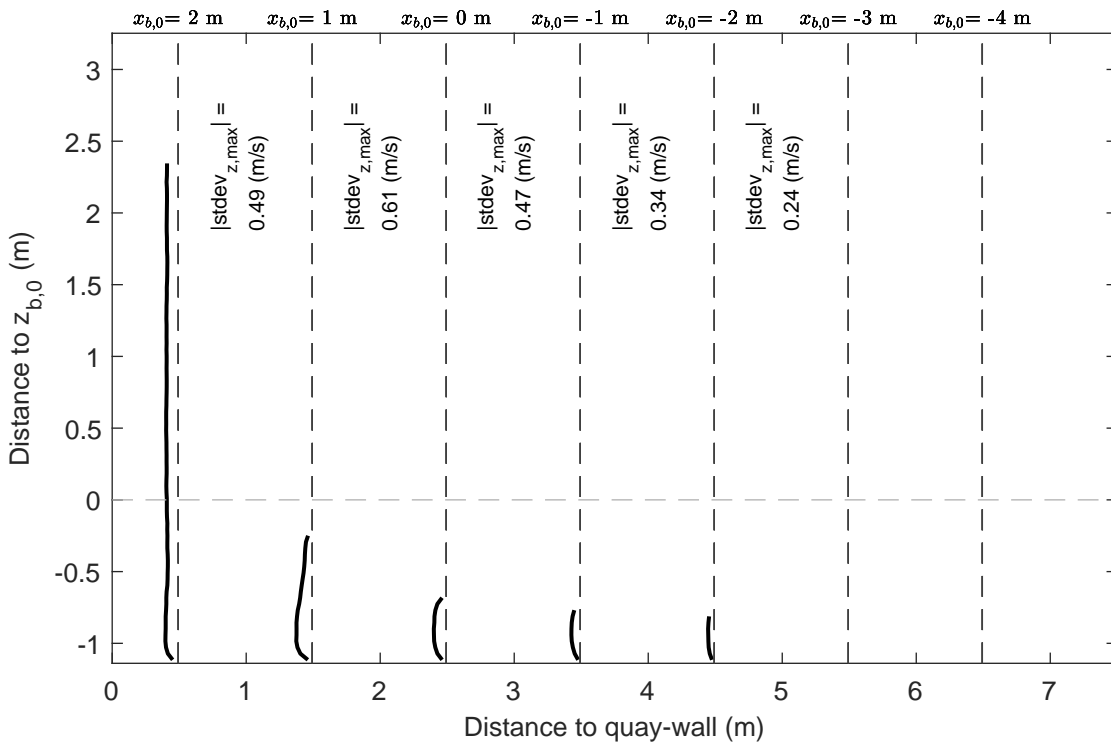
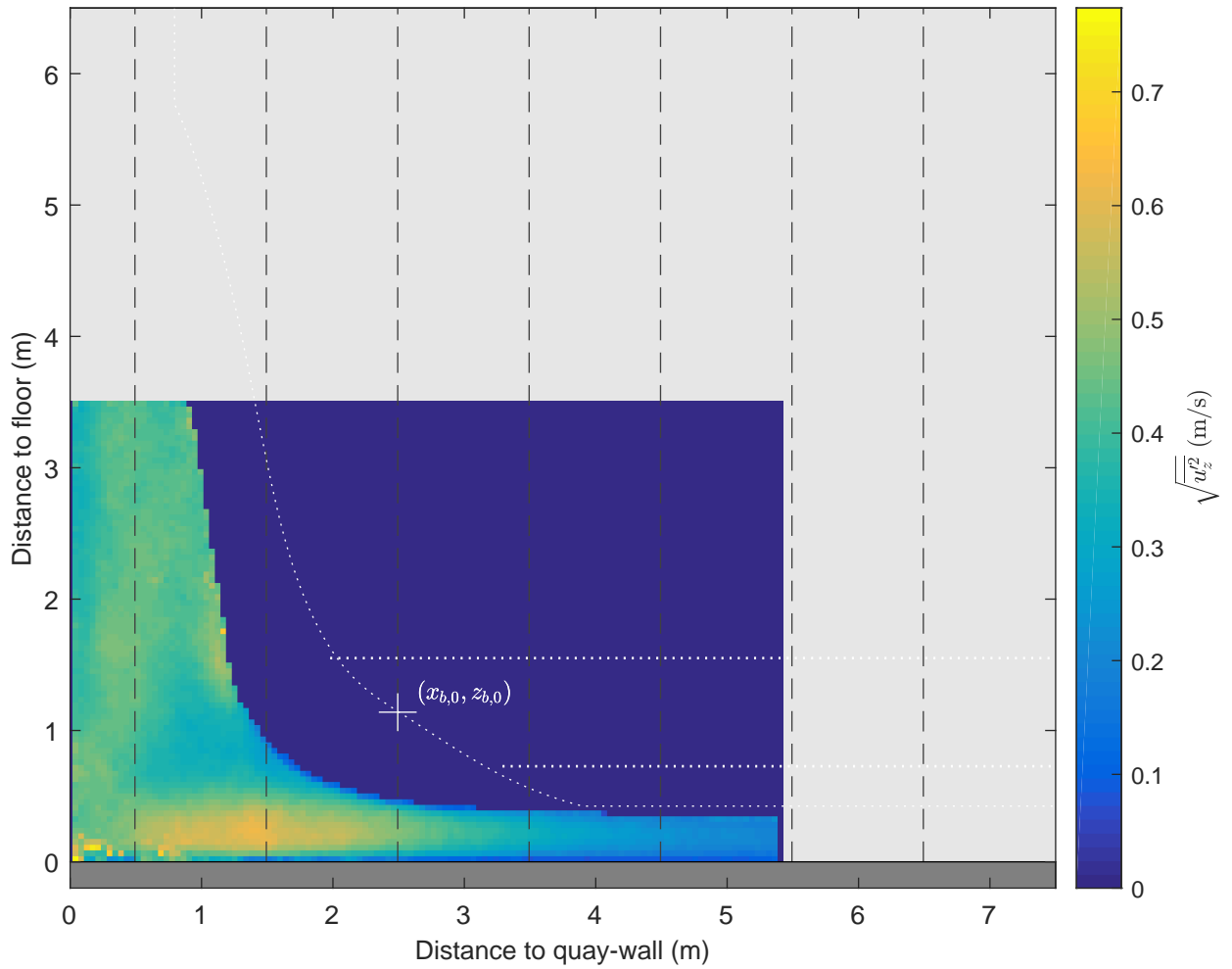
Fig. G



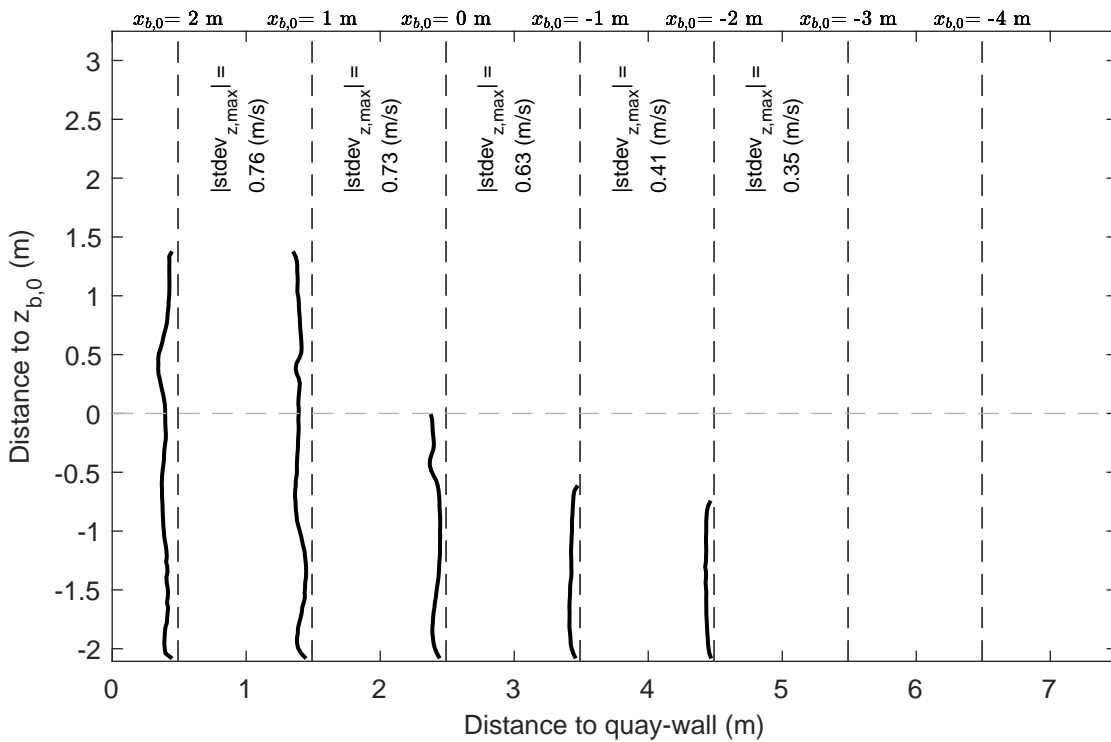
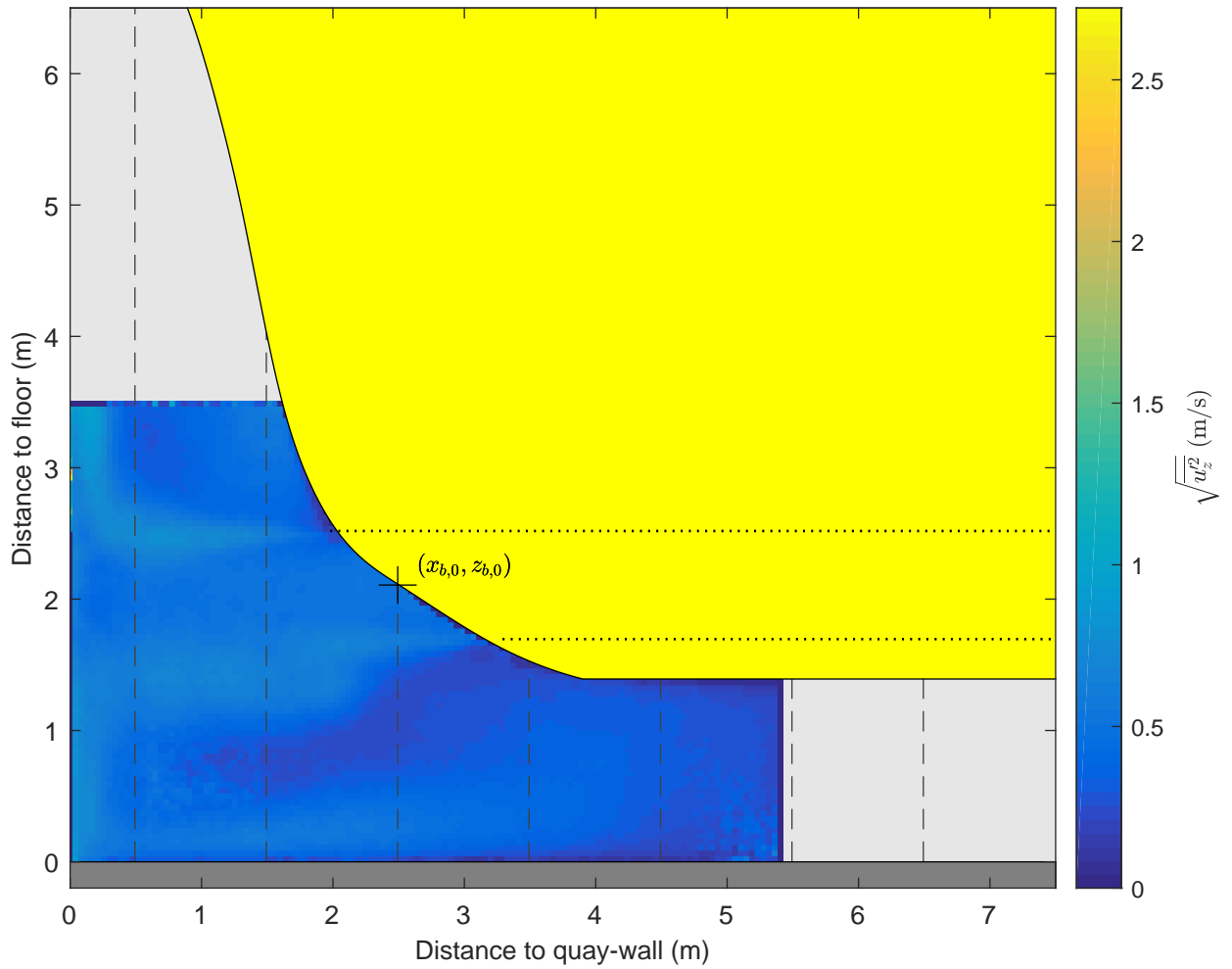
Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 0.0 \text{ m}$ , UKC = 0.4 m, $U_{BT2} = 4.6 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP291	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = -2.0$ m, UKC = 0.4 m, $U_{BT2} = 4.6$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP293	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = -4.0$ m, UKC = 0.4 m, $U_{BT2} = 4.6$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP295	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 1.4 m,  $U_{BT2} = 4.6$  m/s

PIV, FOV1

TKI-SOP

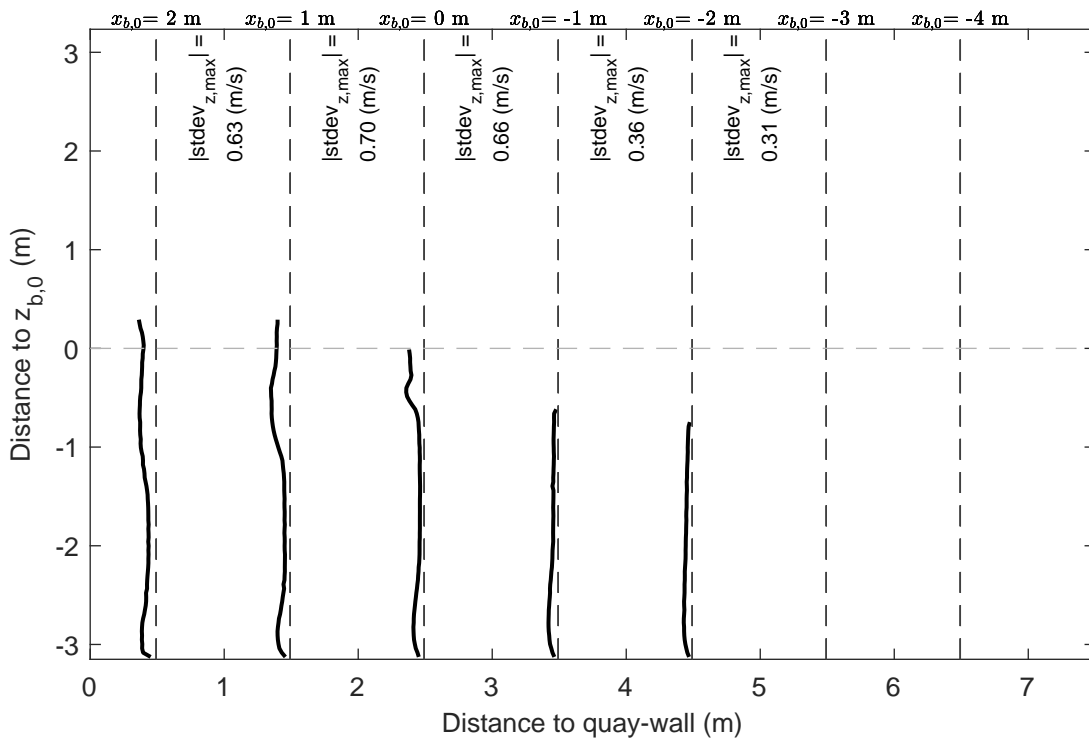
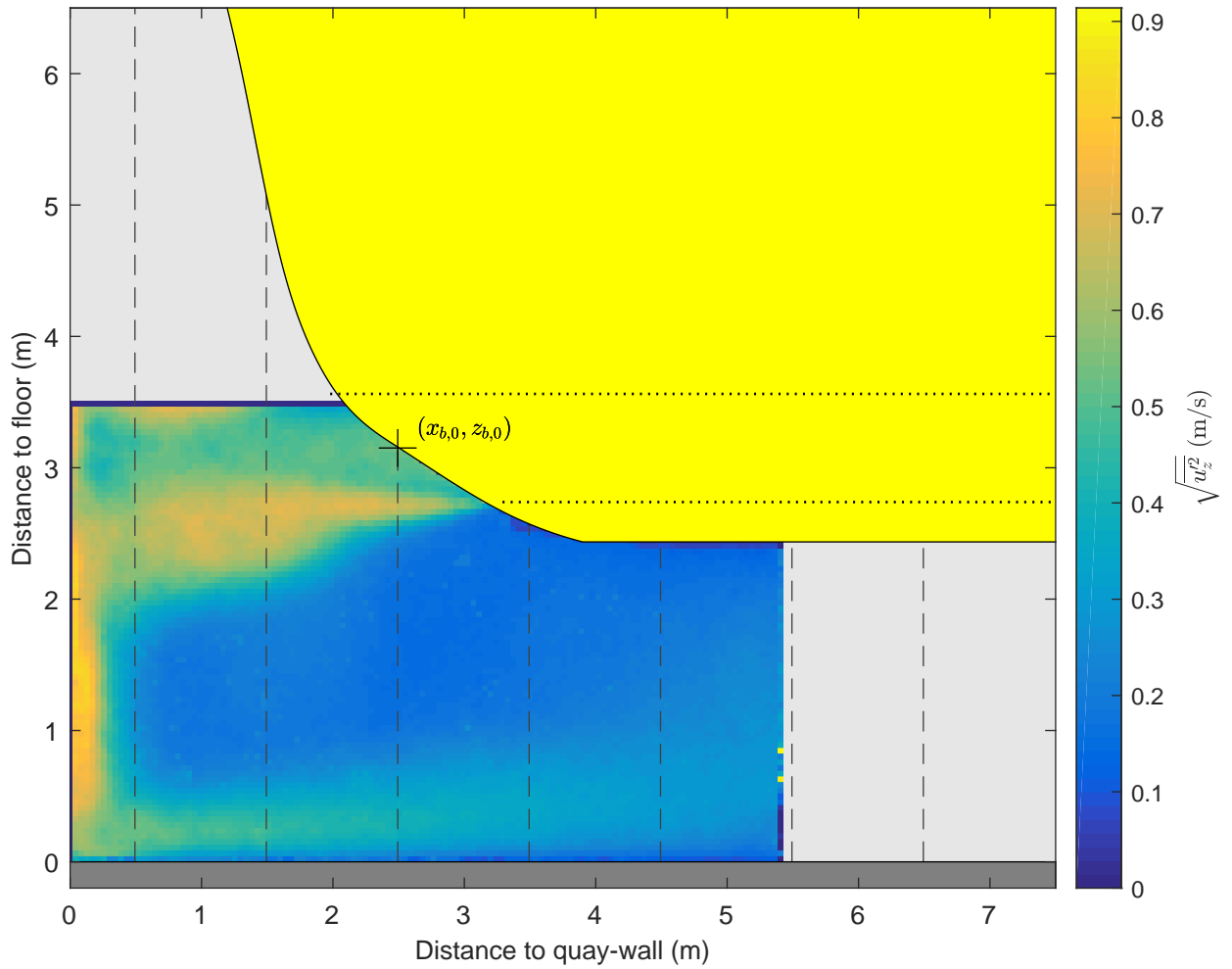
PIVSOP298

**Deltares**

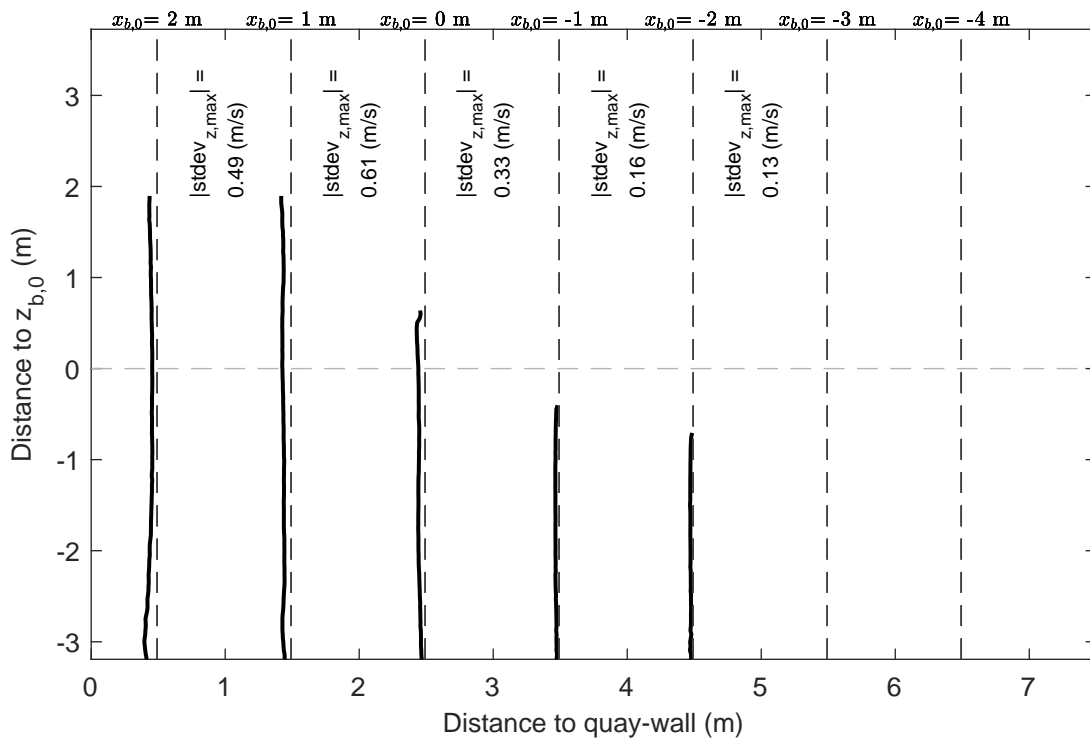
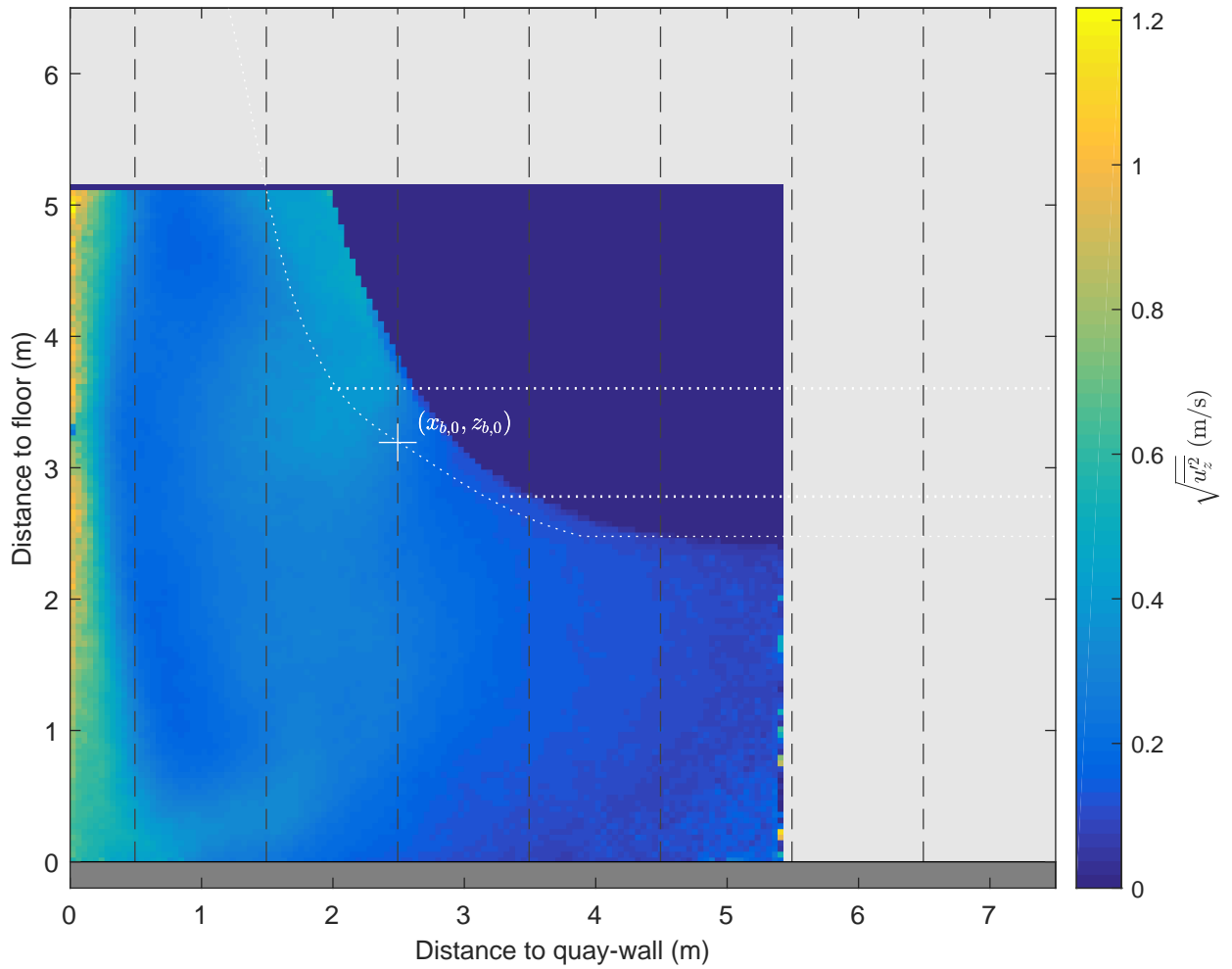
11206641

Fig. G





Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8 \text{ m}$ , $\Delta y = 0.0 \text{ m}$ , UKC = 2.4 m, $U_{BT2} = 4.4 \text{ m/s}$	PIV, FOV1	TKI-SOP
	PIVSOP300	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 2.0$  m, UKC = 2.5 m,  $U_{\text{BT2}} = 4.7$  m/s

PIV, FOV1

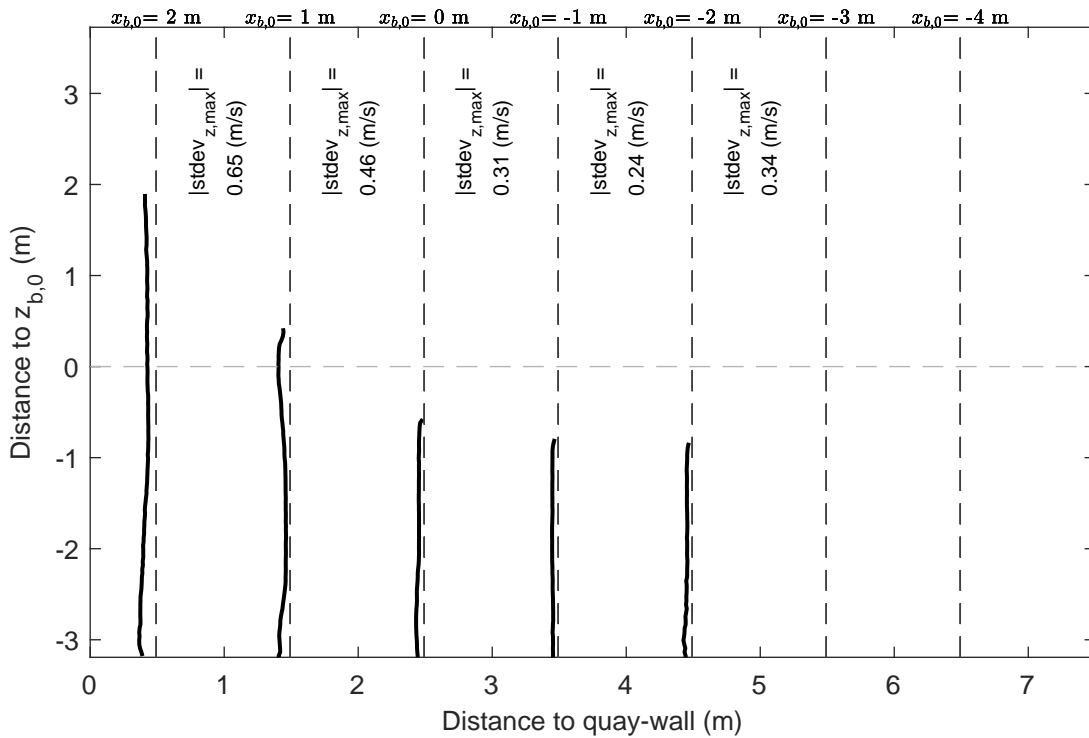
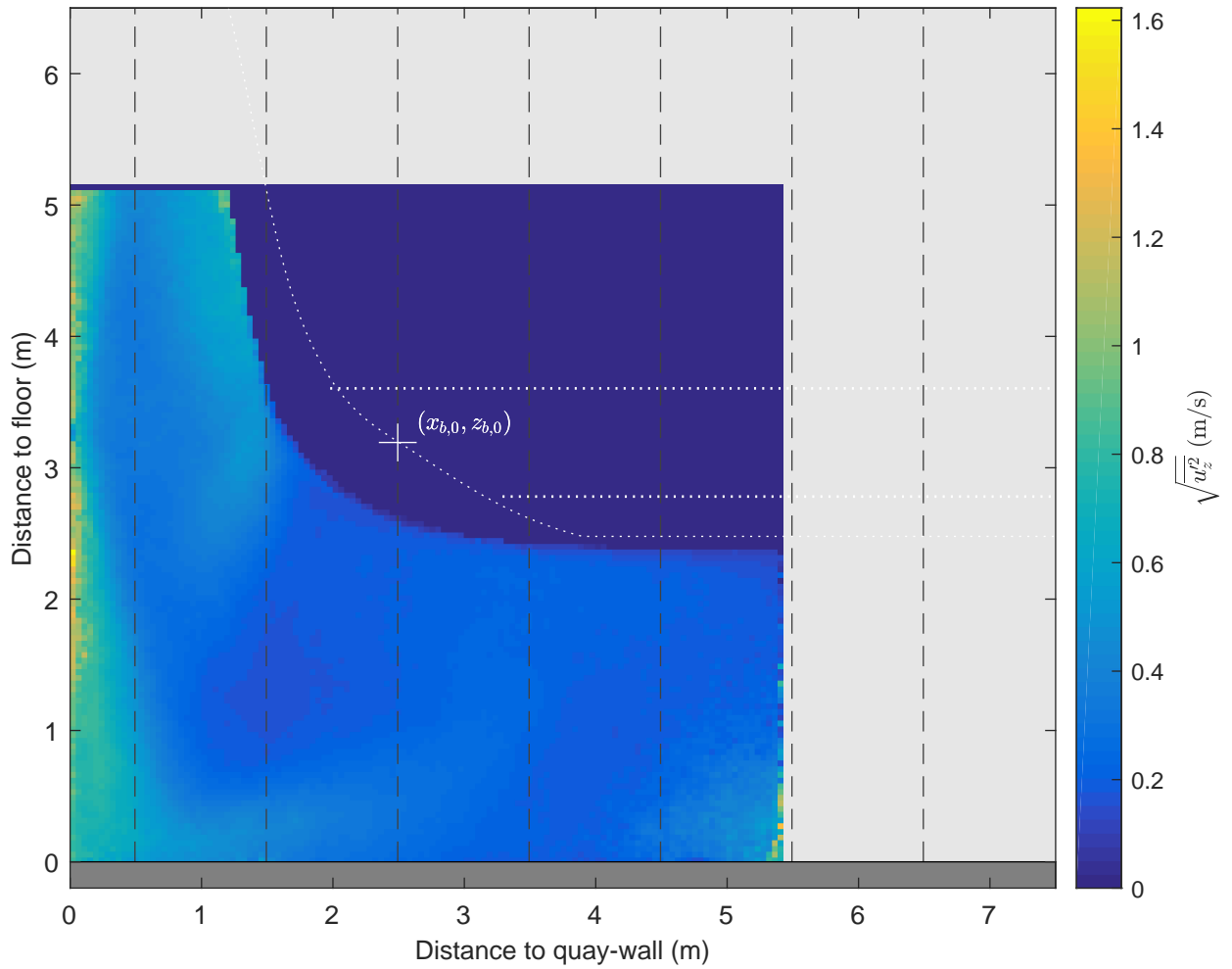
TKI-SOP

PIVSOP303

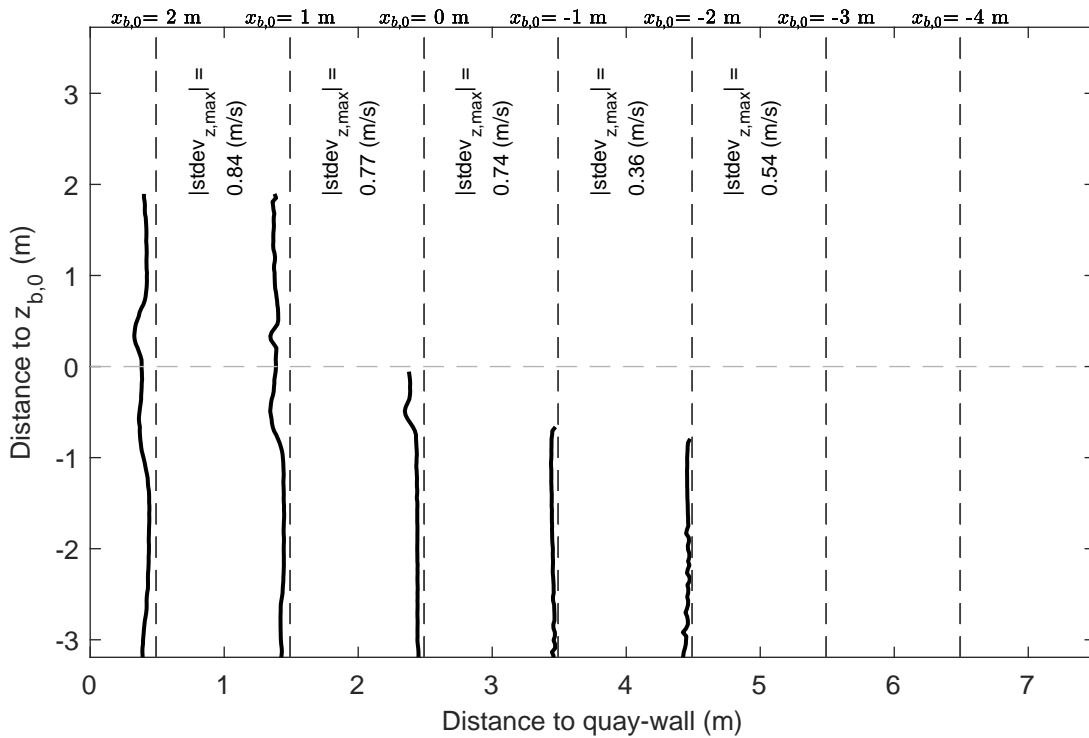
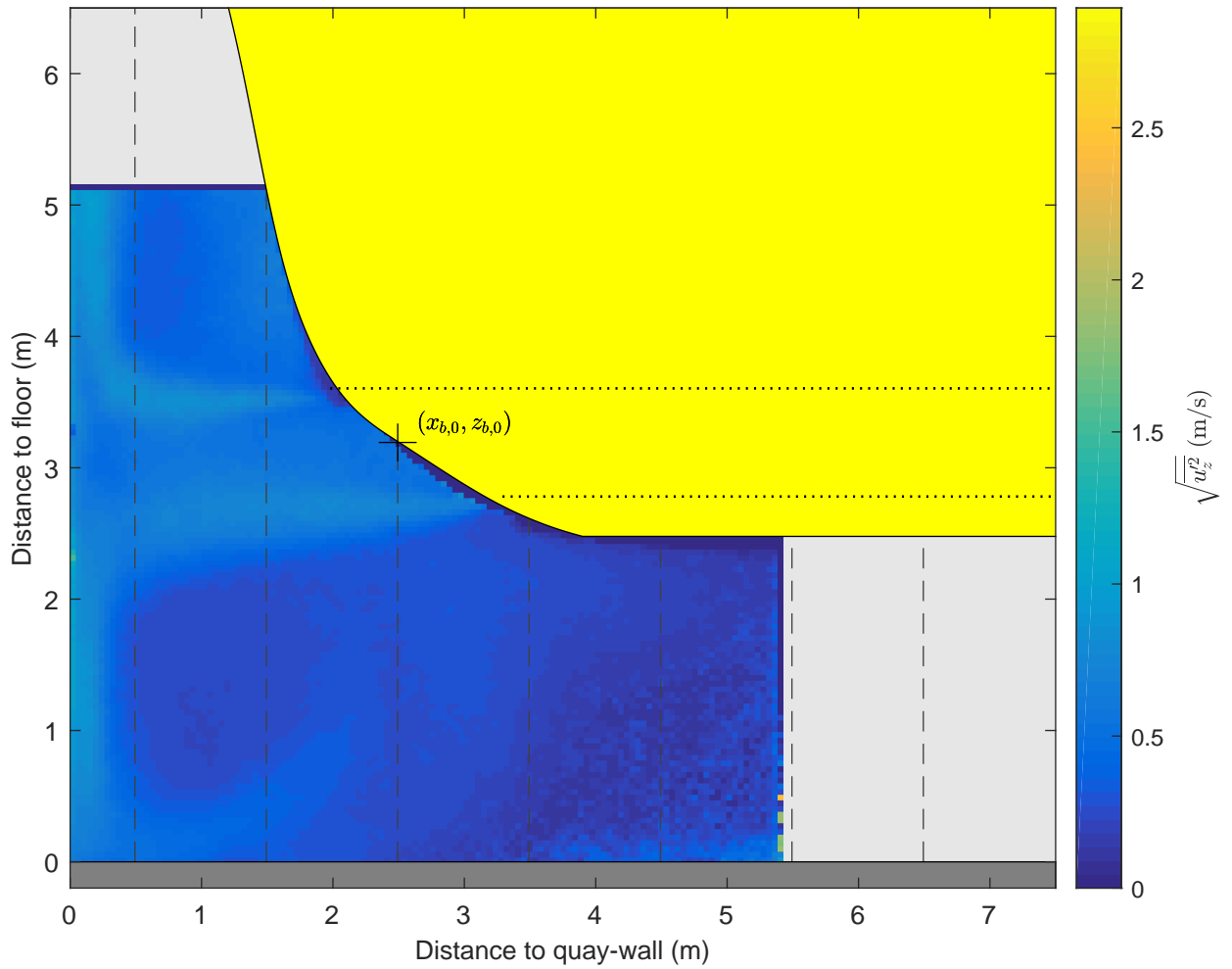
**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles, $u_z$ Active thruster: BT2 $\Delta x = 0.8$ m, $\Delta y = -2.0$ m, UKC = 2.5 m, $U_{\text{BT2}} = 4.7$ m/s	PIV, FOV1	TKI-SOP
	PIVSOP306	
<b>Deltares</b>	11206641	Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

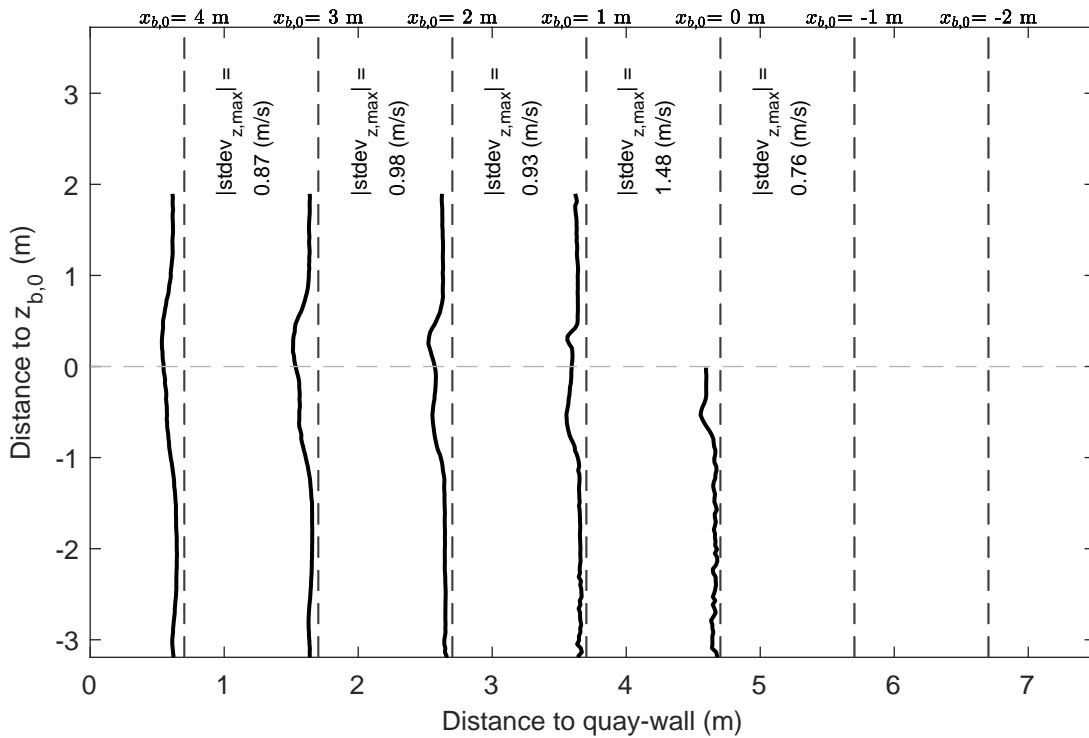
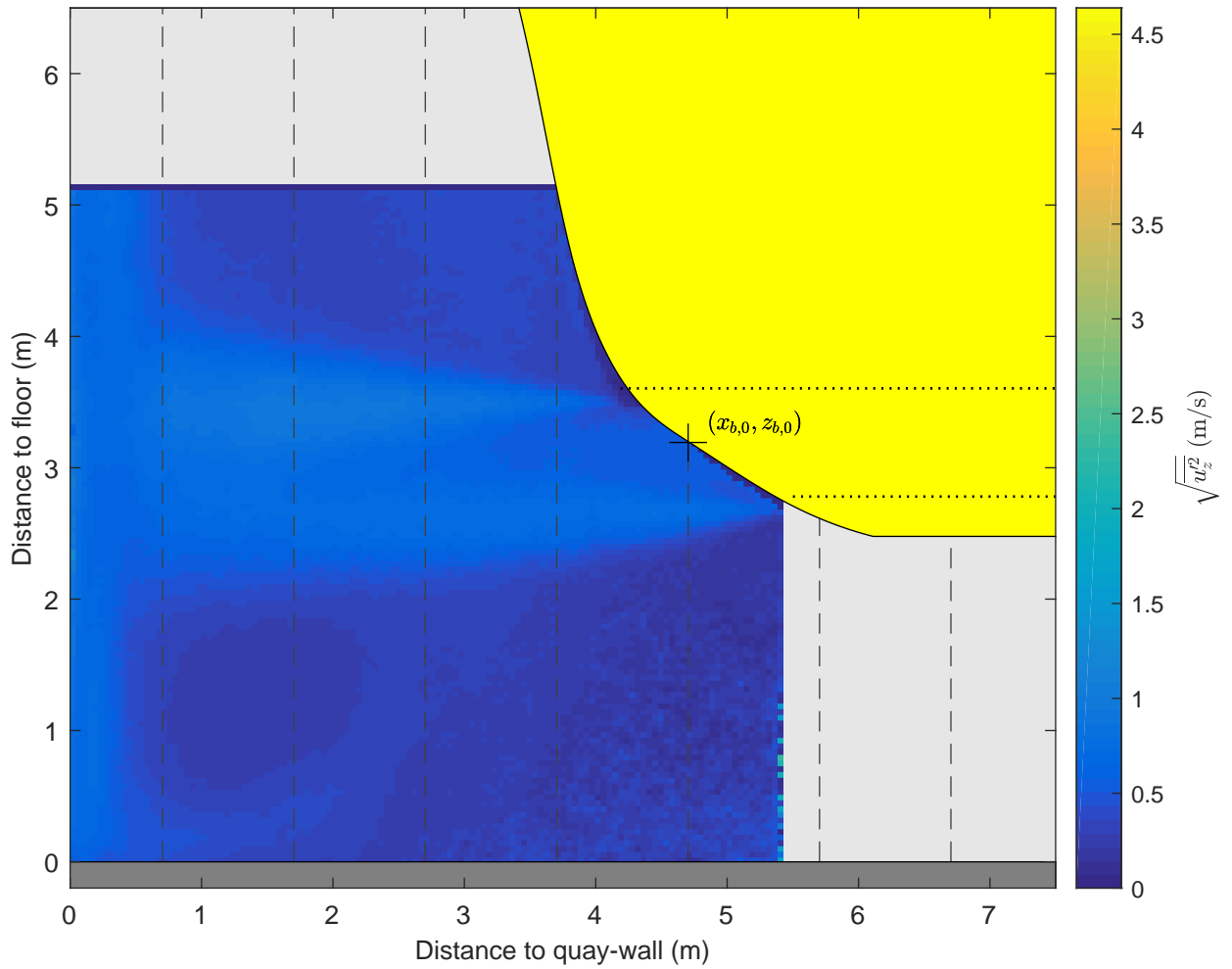
TKI-SOP

PIVSOP308

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 0.0$  m, UKC = 2.5 m,  $U_{BT2} = 4.7$  m/s

PIV, FOV1

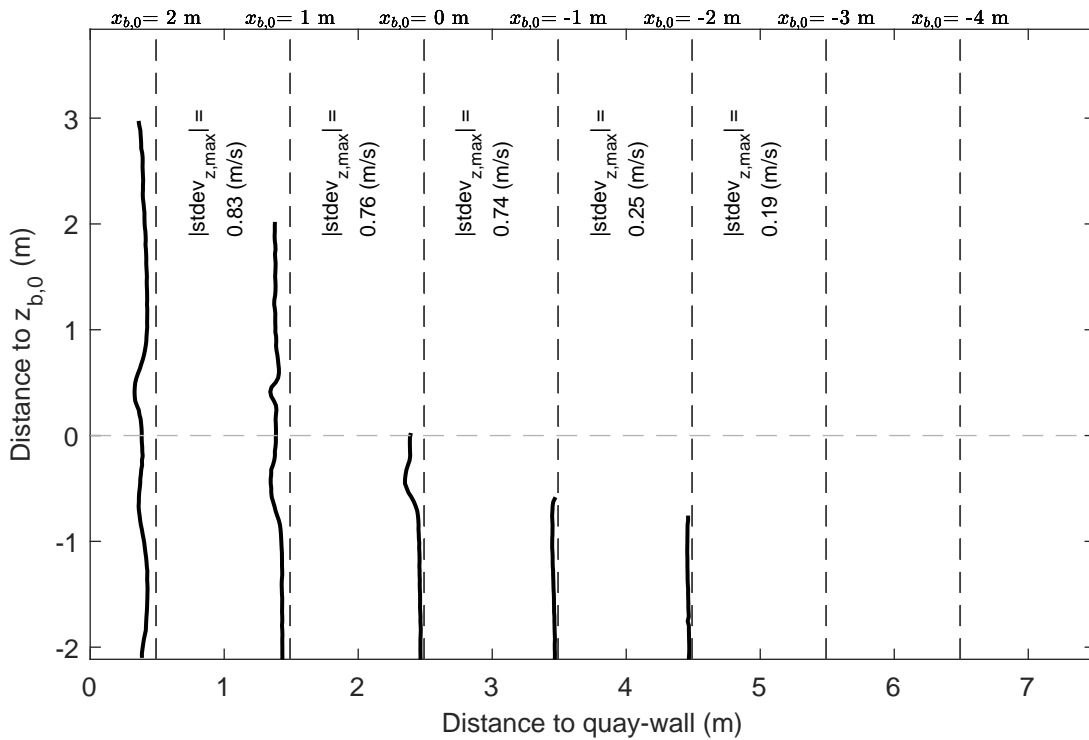
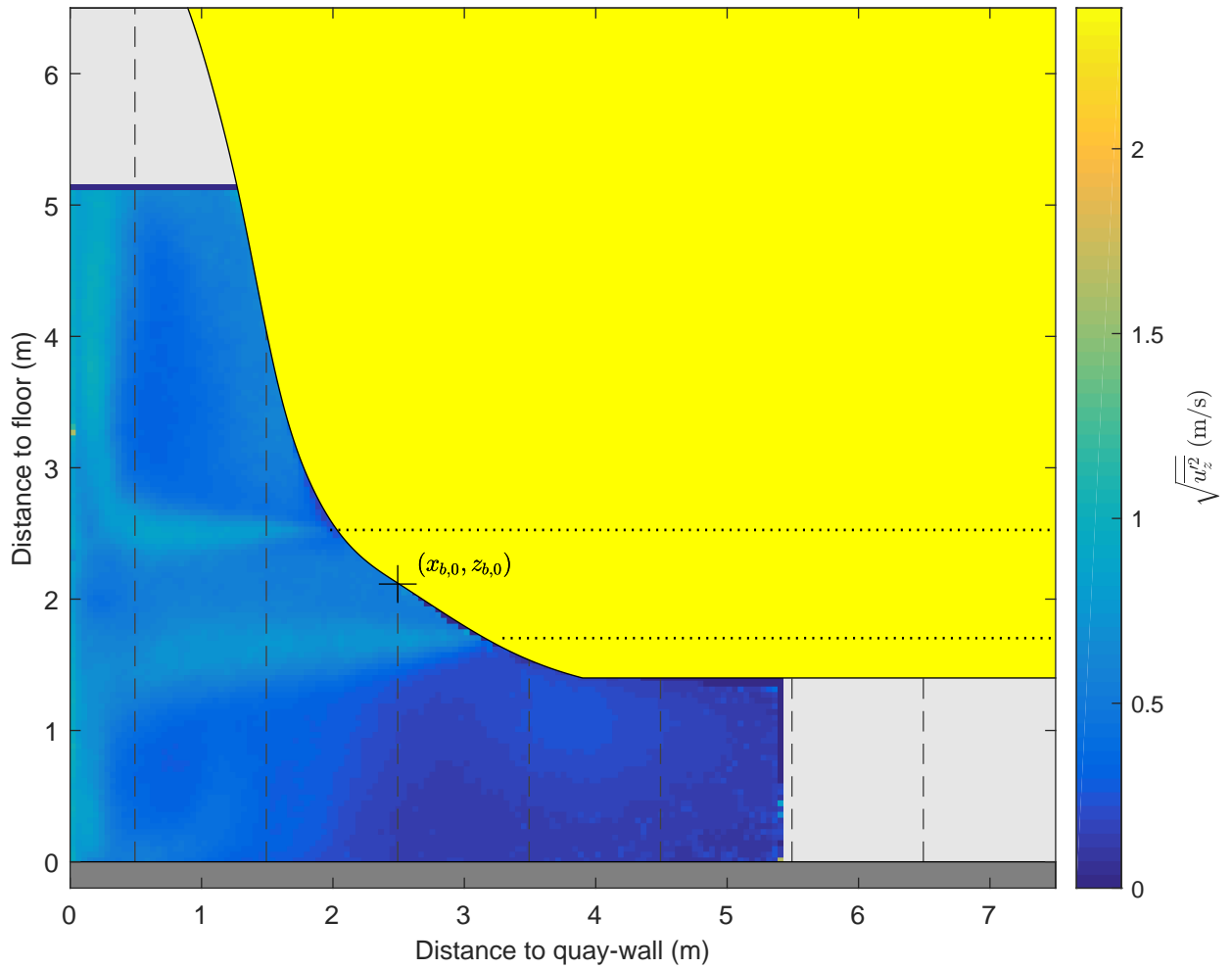
TKI-SOP

PIVSOP310

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2  
 $\Delta x = 0.8 \text{ m}$ ,  $\Delta y = 0.0 \text{ m}$ , UKC = 1.4 m,  $U_{BT2} = 4.6 \text{ m/s}$

PIV, FOV1

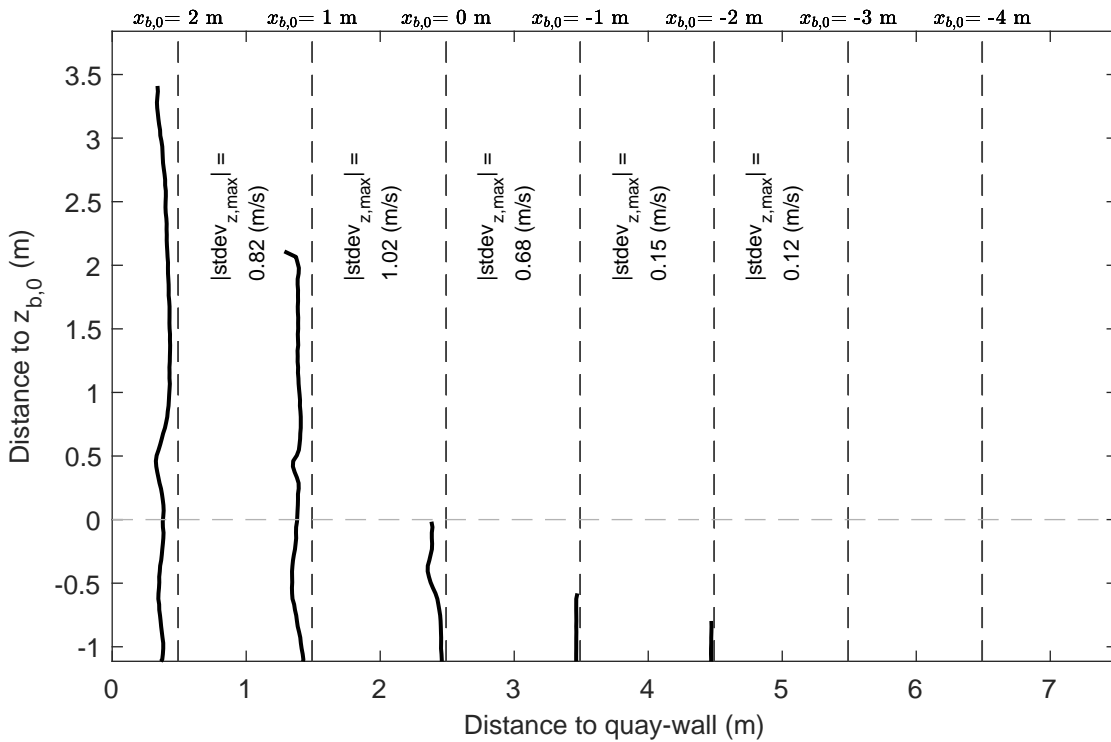
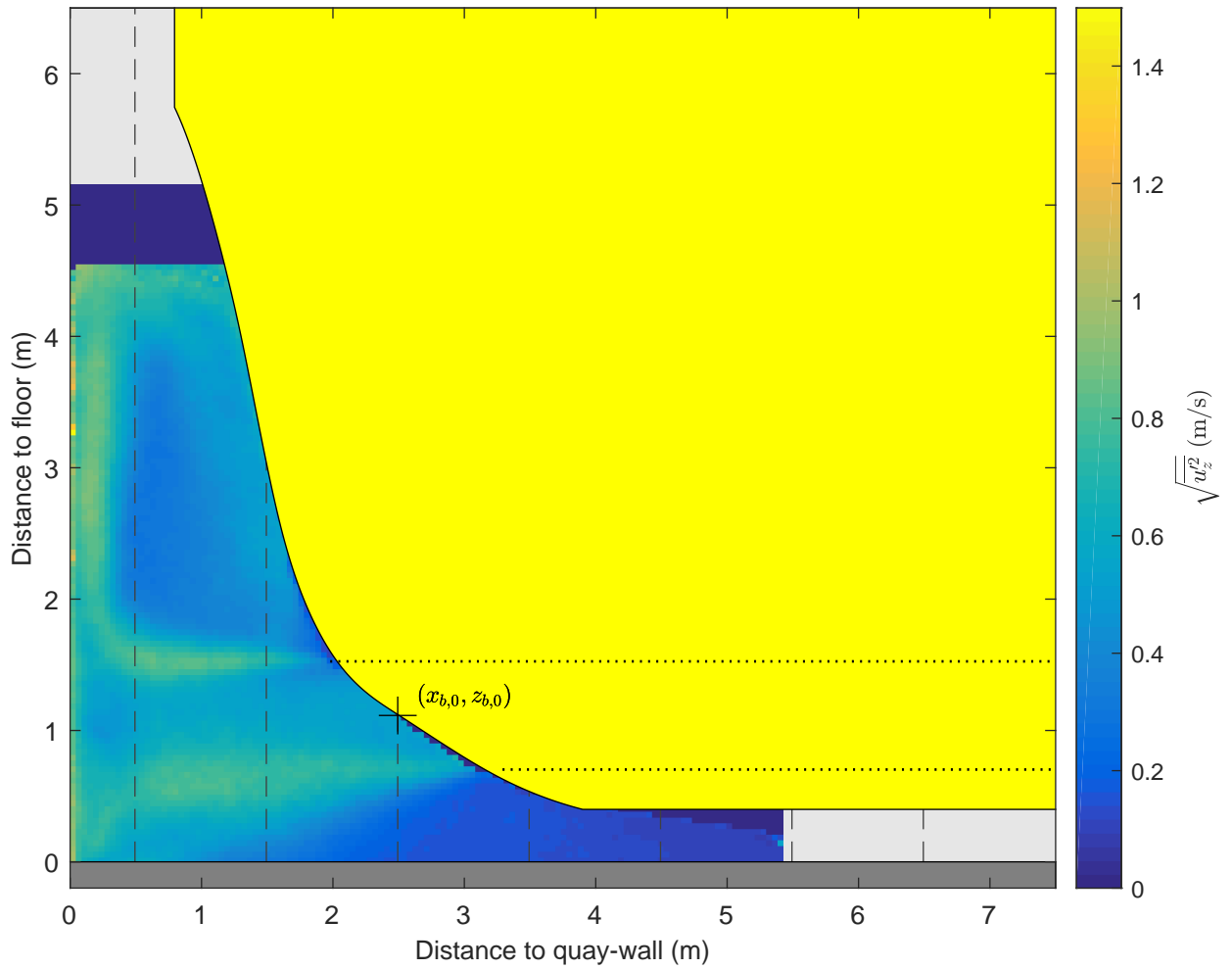
TKI-SOP

PIVSOP313

**Deltares**

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$   
 Active thruster: BT2  
 $\Delta x = 0.8$  m,  $\Delta y = 0.0$  m, UKC =  $0.4$  m,  $U_{BT2} = 4.5$  m/s

PIV, FOV1

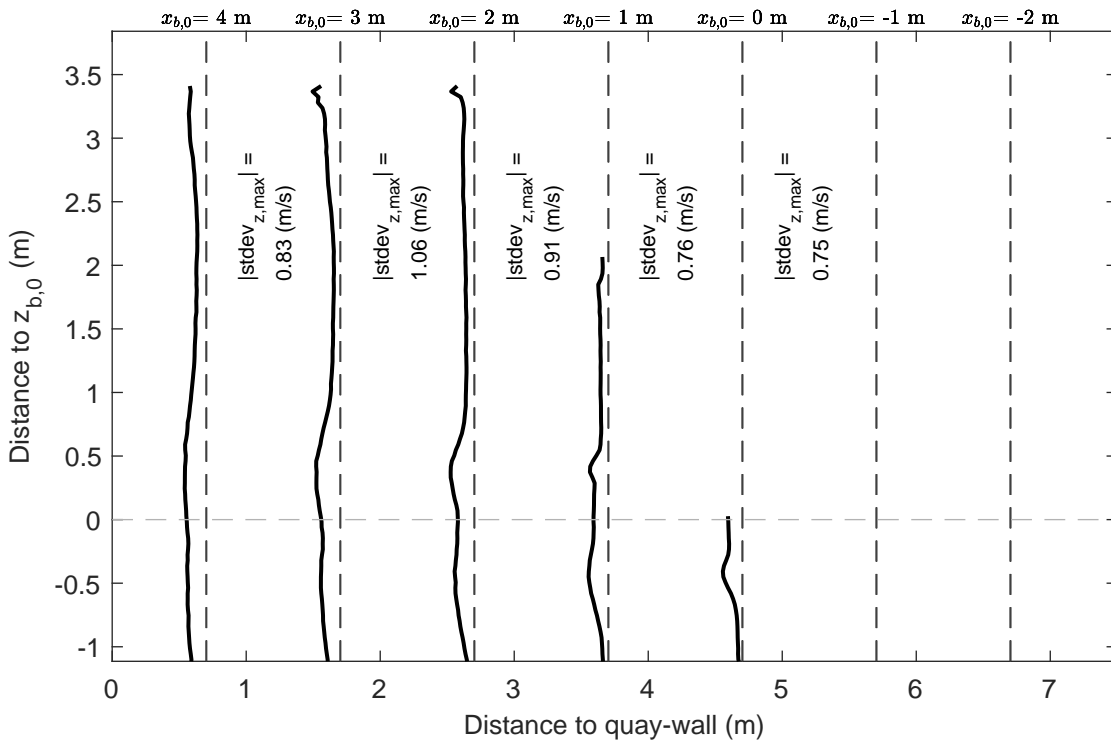
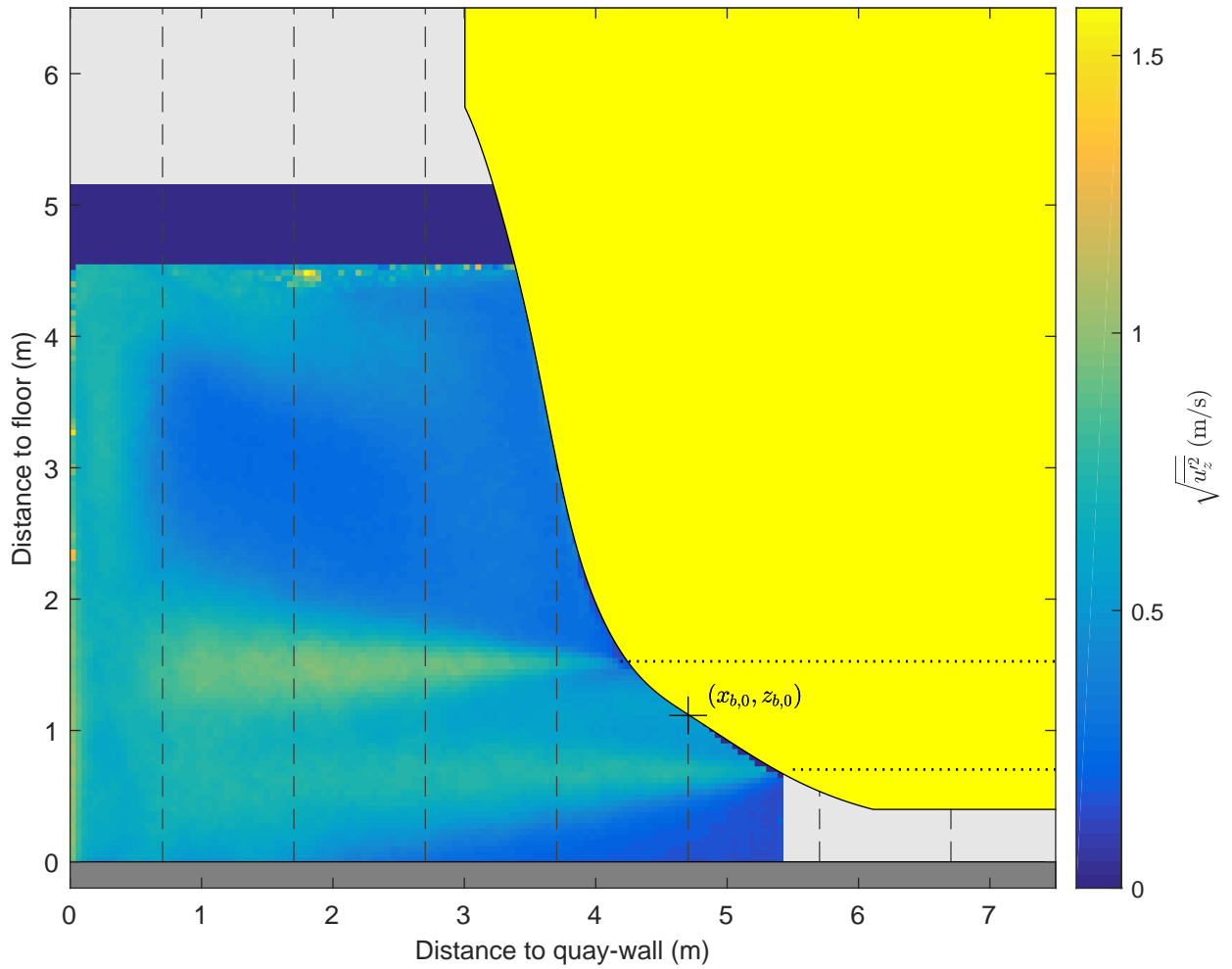
TKI-SOP

PIVSOP316

Deltares

11206641

Fig. G



Standard deviation map and vertical profiles,  $u_z$

Active thruster: BT2

$\Delta x = 3.0$  m,  $\Delta y = 0.0$  m, UKC = 0.4 m,  $U_{BT2} = 4.6$  m/s

PIV, FOV1

TKI-SOP

PIVSOP318

**Deltares**

11206641

Fig. G