7/20/05:

Up to now, the variable 'cdmean' in OA has been updated. After doing the same optimization process, we obtained:

Optimal: points=30, threshold=0.1

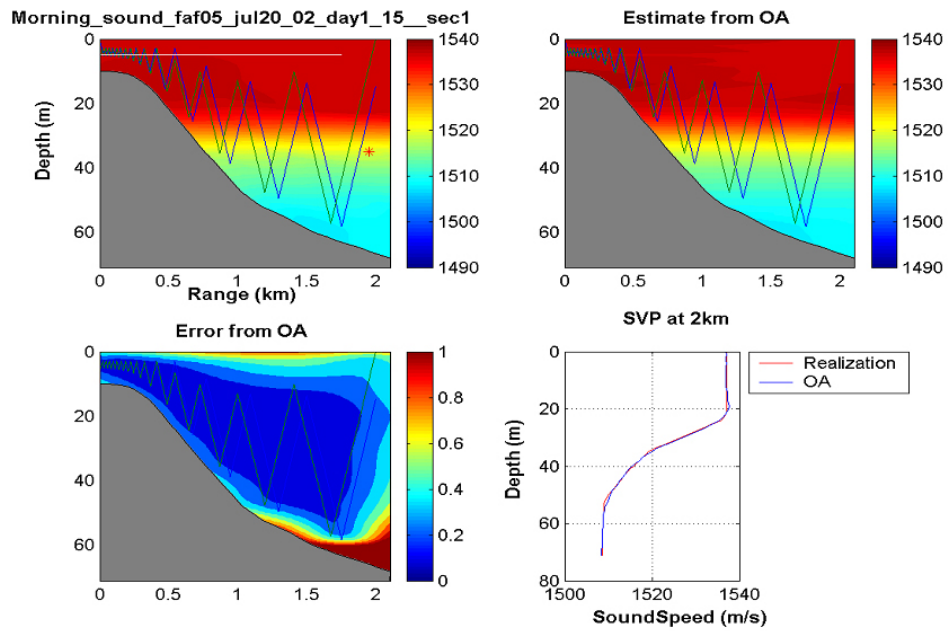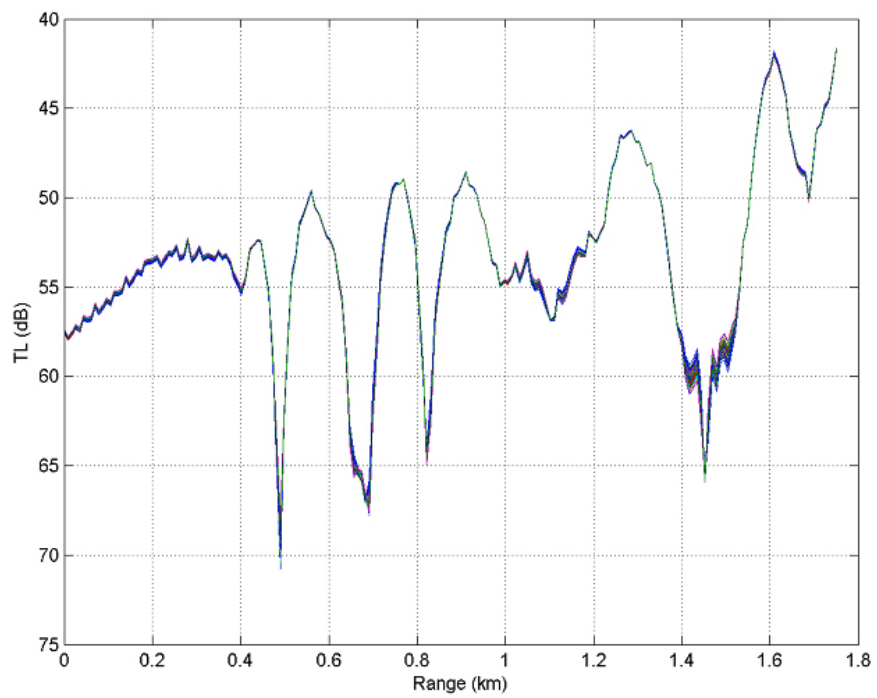## Morning sound_faf05_jul20_02_day1_15_sec1(30, 0.1)

Figure 7: Yoyo control implementation. Blue line is the forward path; Green line is the backward path. Note that to avoid bottom AUV turns around at 5 m above bottom.

Morning sound_faf05_jul20_02_day1_15_sec1(30, 0.1)
TL

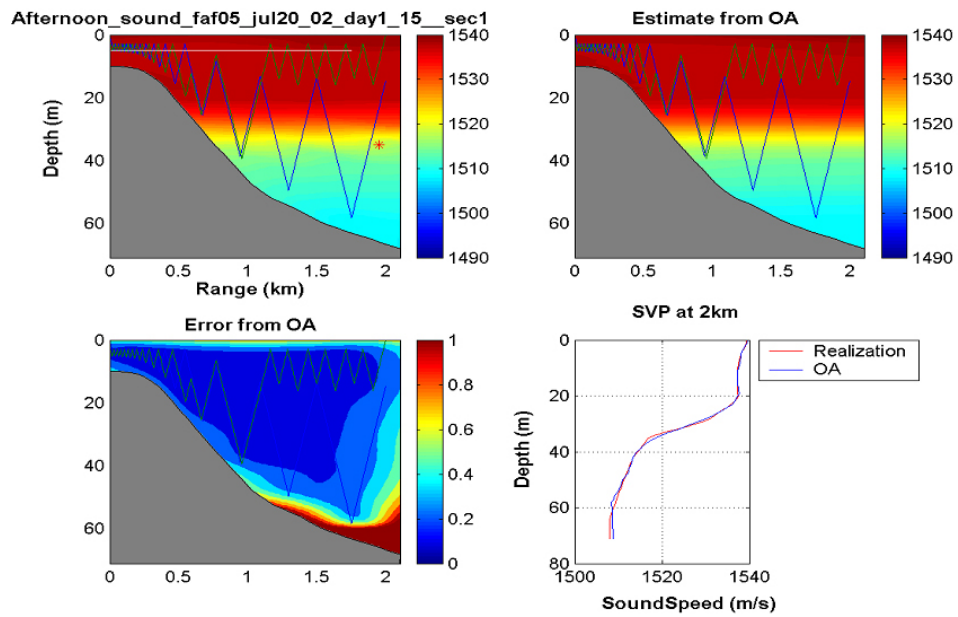**Afternoon sound_faf05_jul20_02_day1_15_sec1(30, 0.1)**

Figure 8: Yoyo control implementation. Blue line is the forward path; Green line is the backward path. Note that to avoid bottom AUV turns around at 5 m above bottom.

Afternoon sound_faf05_jul20_02_day1_15_sec1(30, 0.1)
TL