

Corso di Laurea Magistrale in Ingegneria Civile

TESI DI LAUREA MAGISTRALE
ALLEGATO 1: APPENDICE DEI GRAFICI - PARTE 5

**Prove su tavola vibrante di un silo metallico a fondo piano:
identificazione dinamica mediante accelerometri**

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Chiar.mo Prof. Ing. Stefano Silvestri

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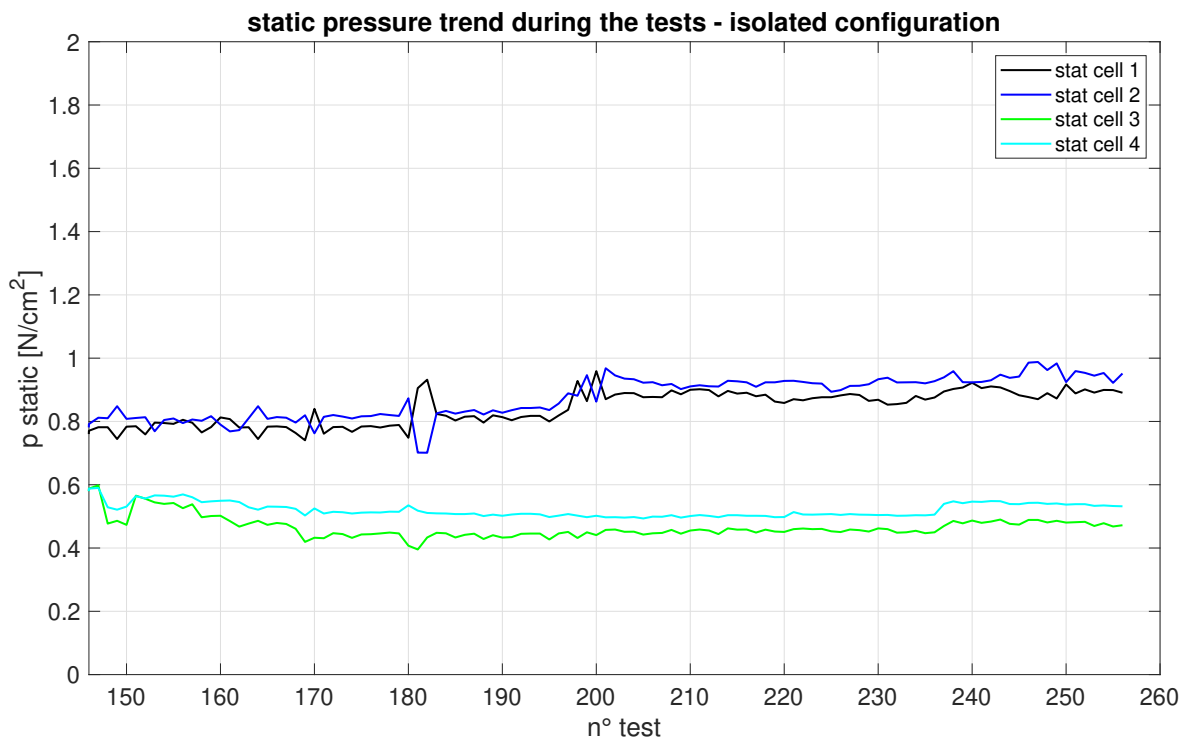


APPENDICE DEI GRAFICI: PARTE 5

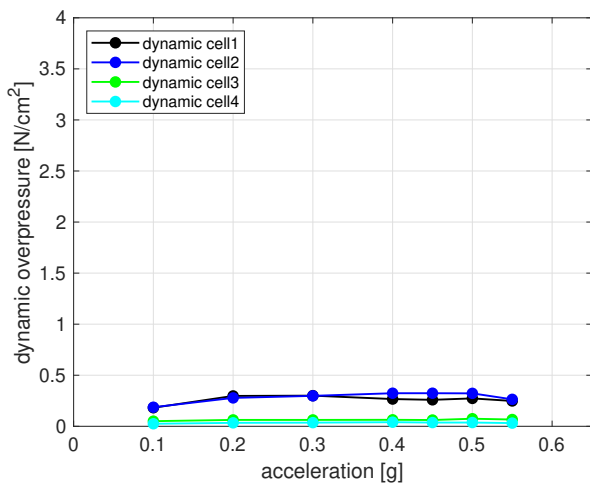
TESTS IN CONFIGURAZIONE A BASE ISOLATA

A.7.1 Celle di pressione

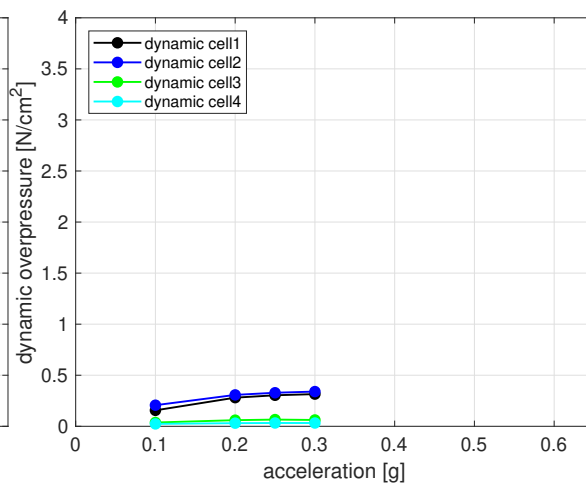
Pressione statica



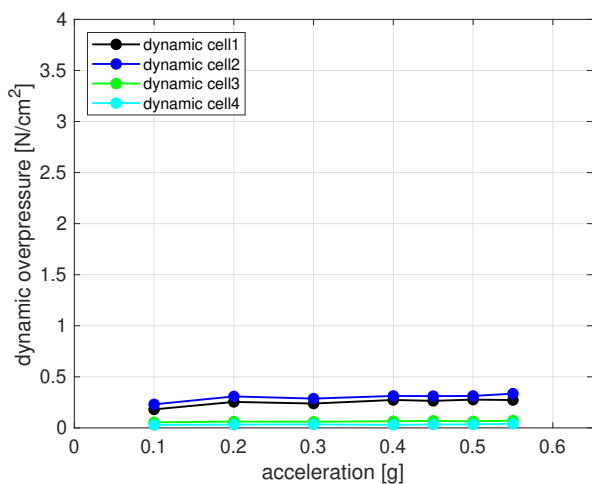
Sovrappressione dinamica durante i test



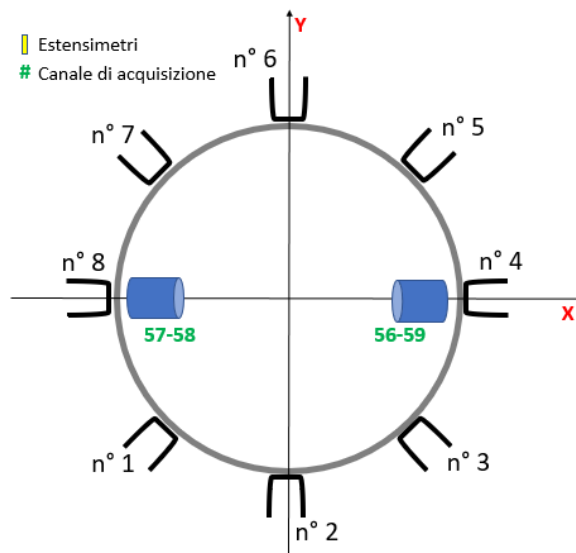
(a) input terremoto A1



(b) input terremoto RS1

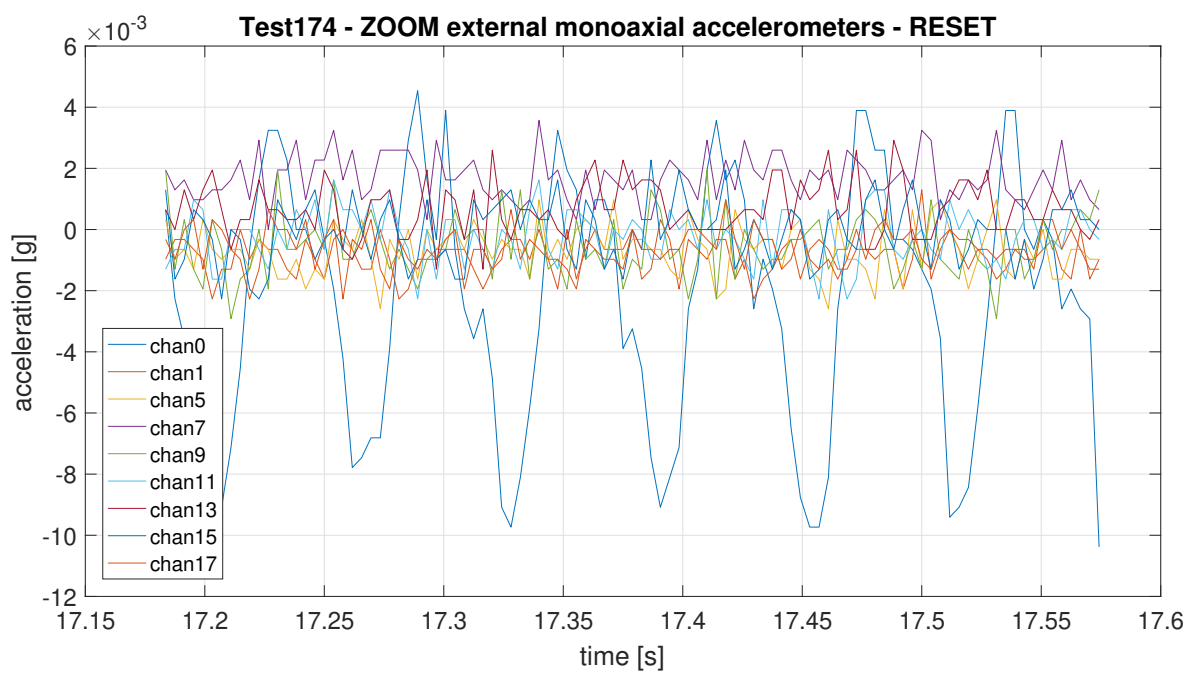
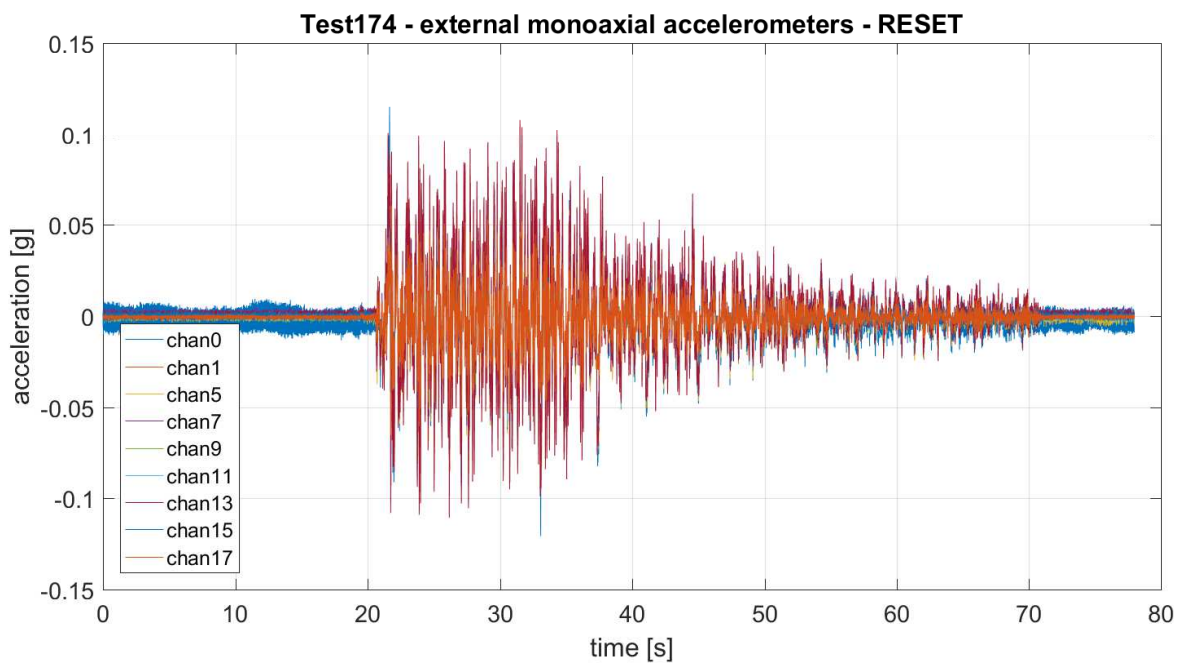


(c) input terremoto RS3

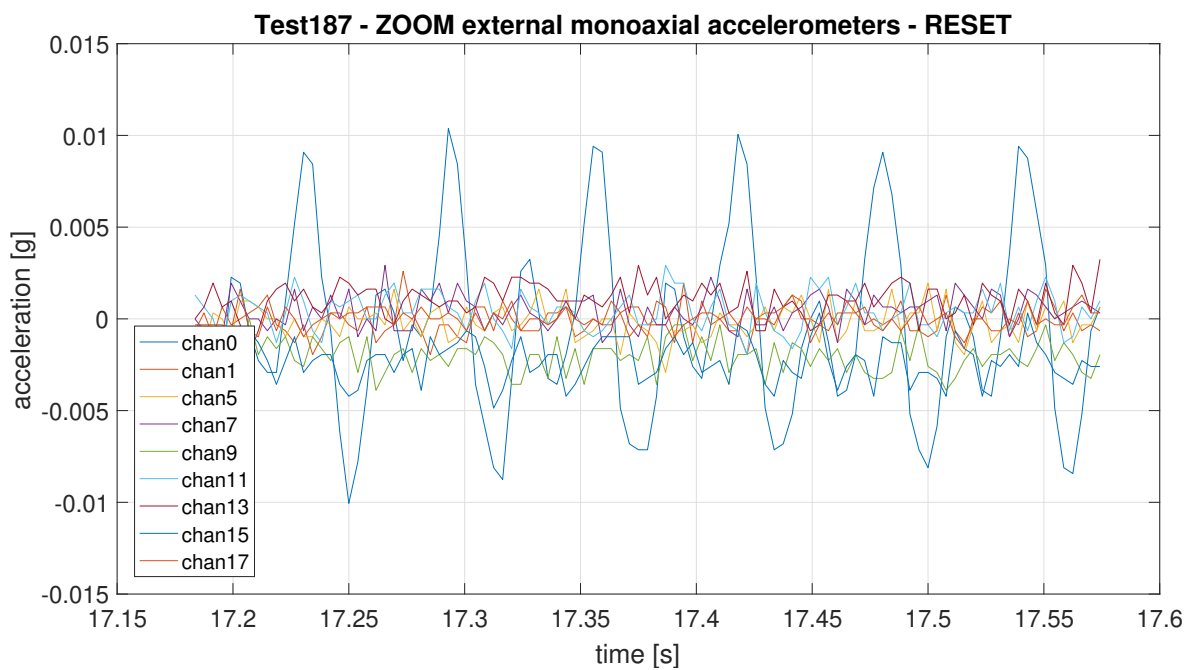
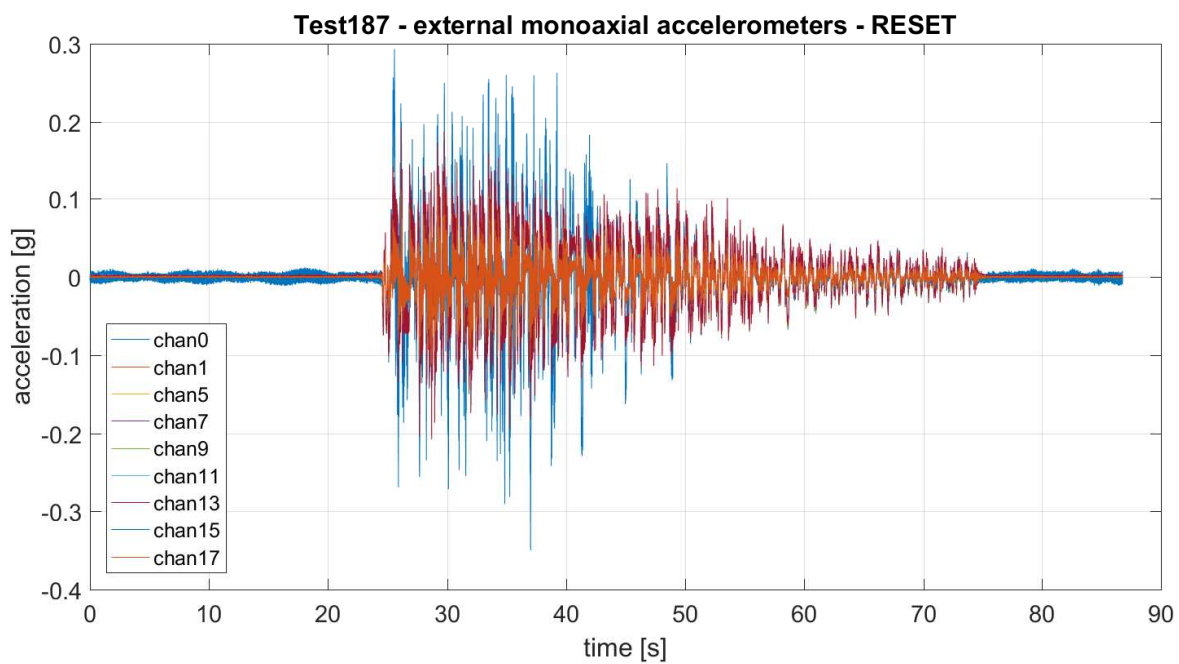


A.7.2 Accelerometri

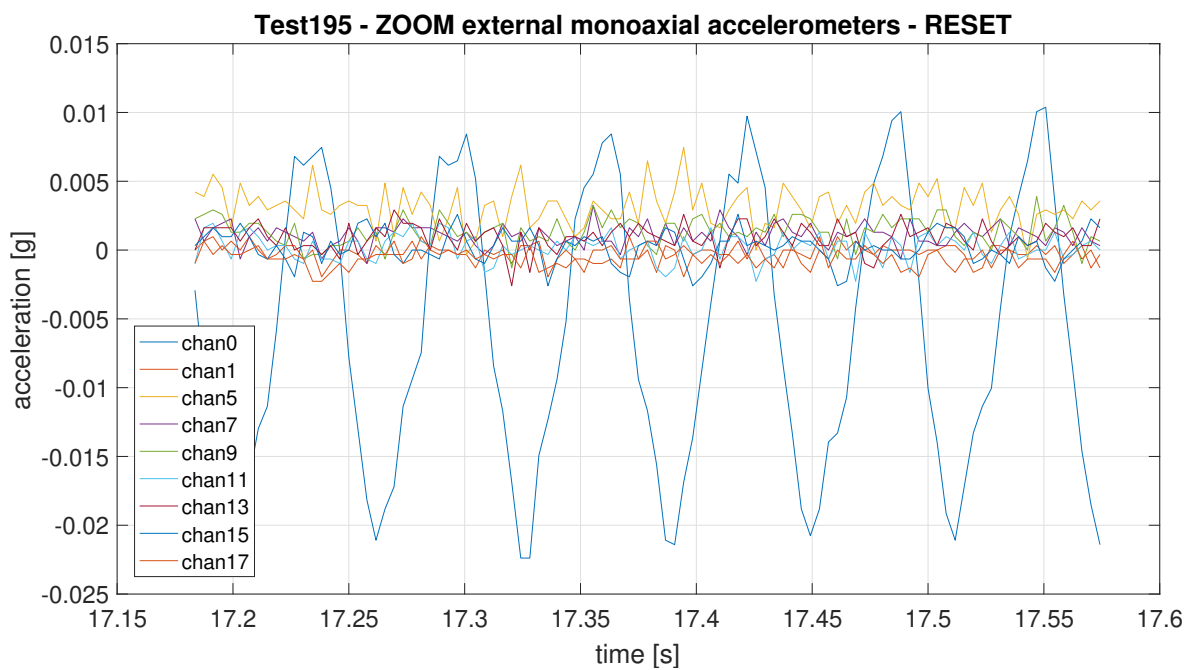
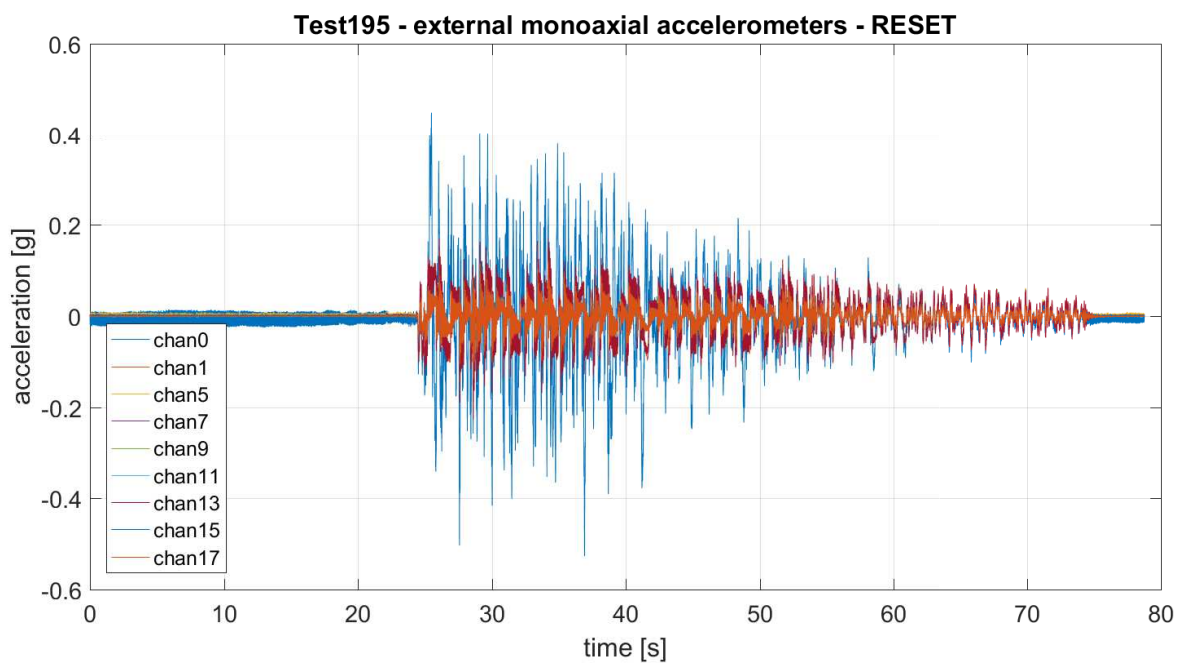
- Terremoto A1 0.1 g



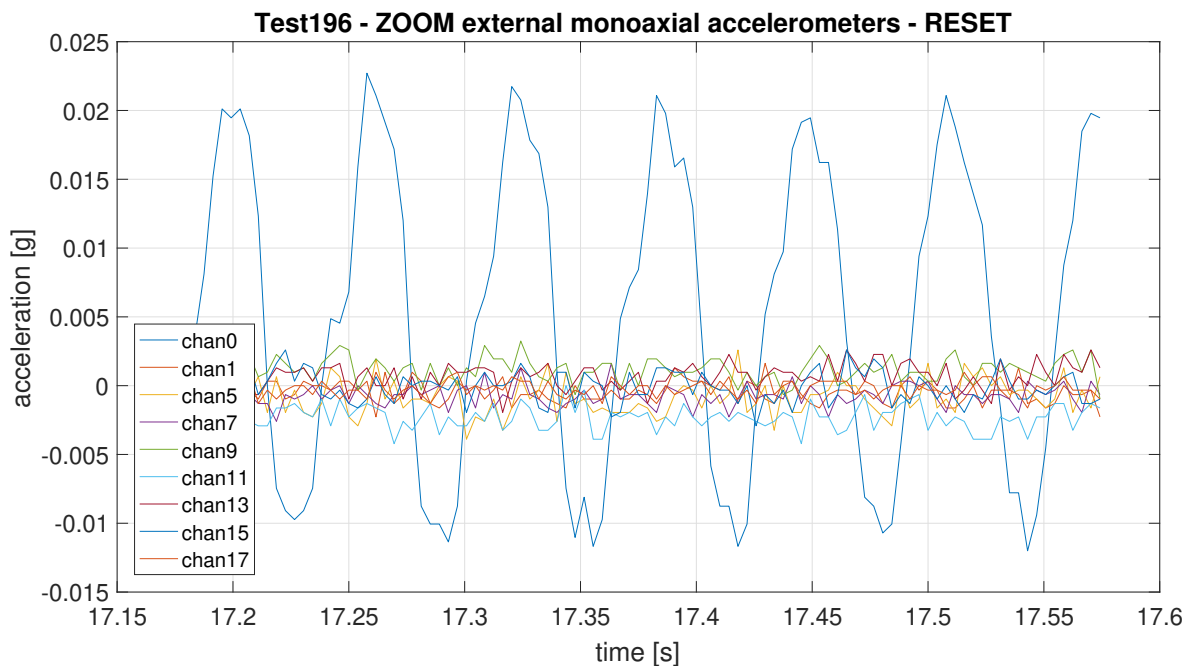
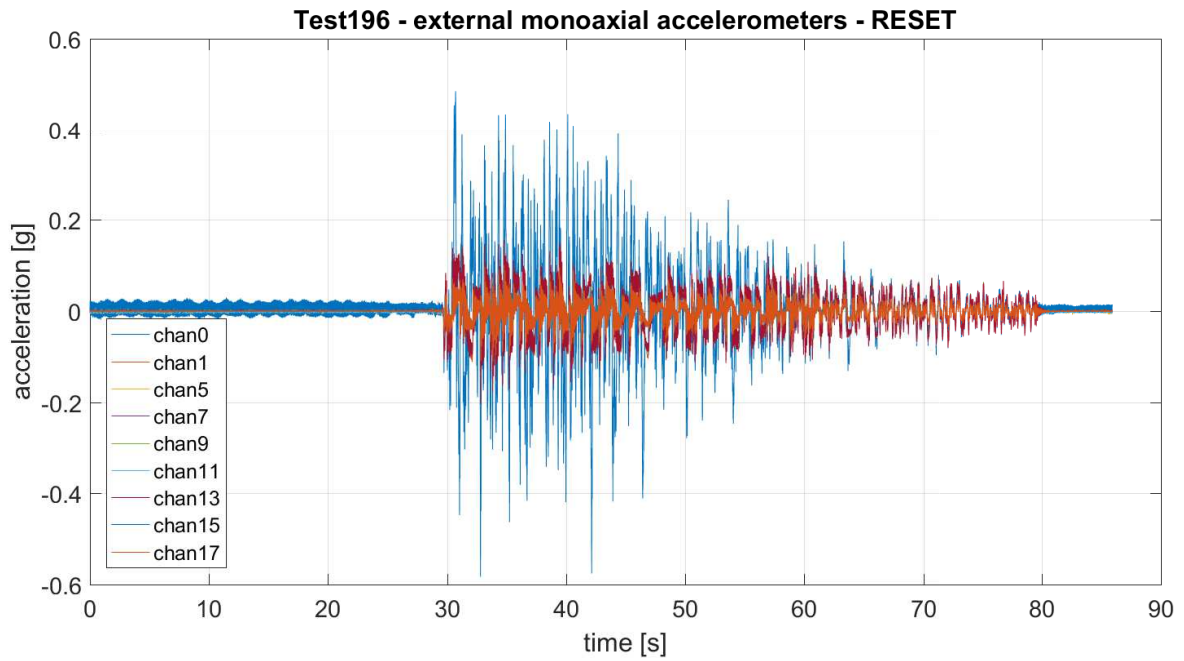
• Terremoto A1 0.3 g



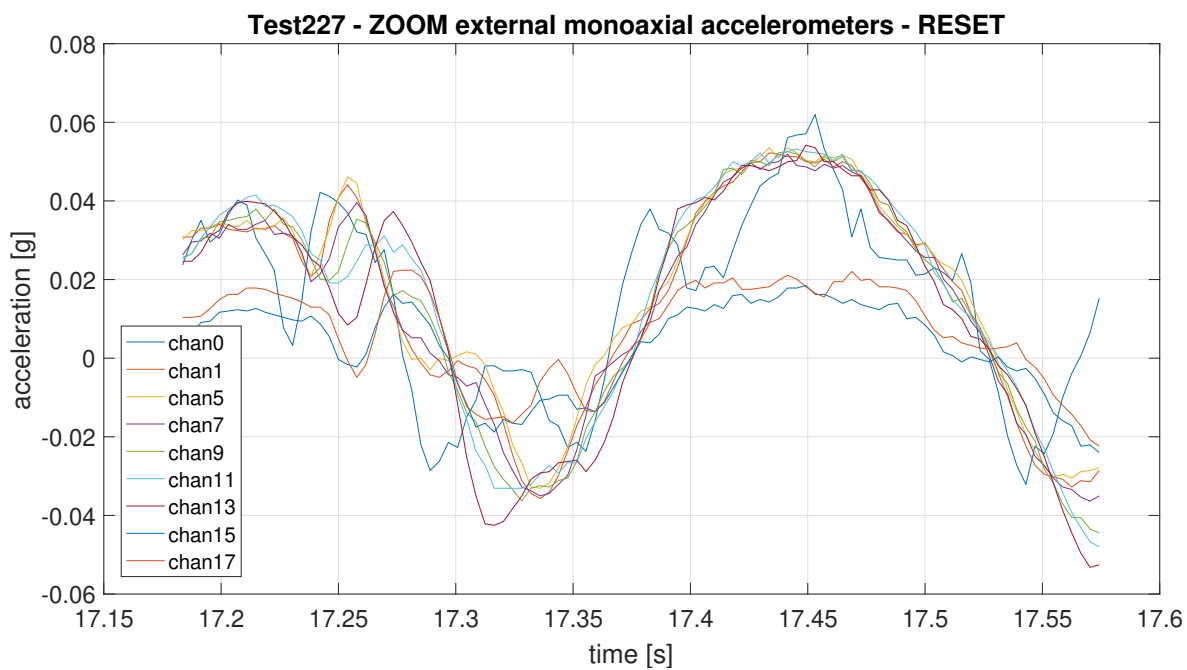
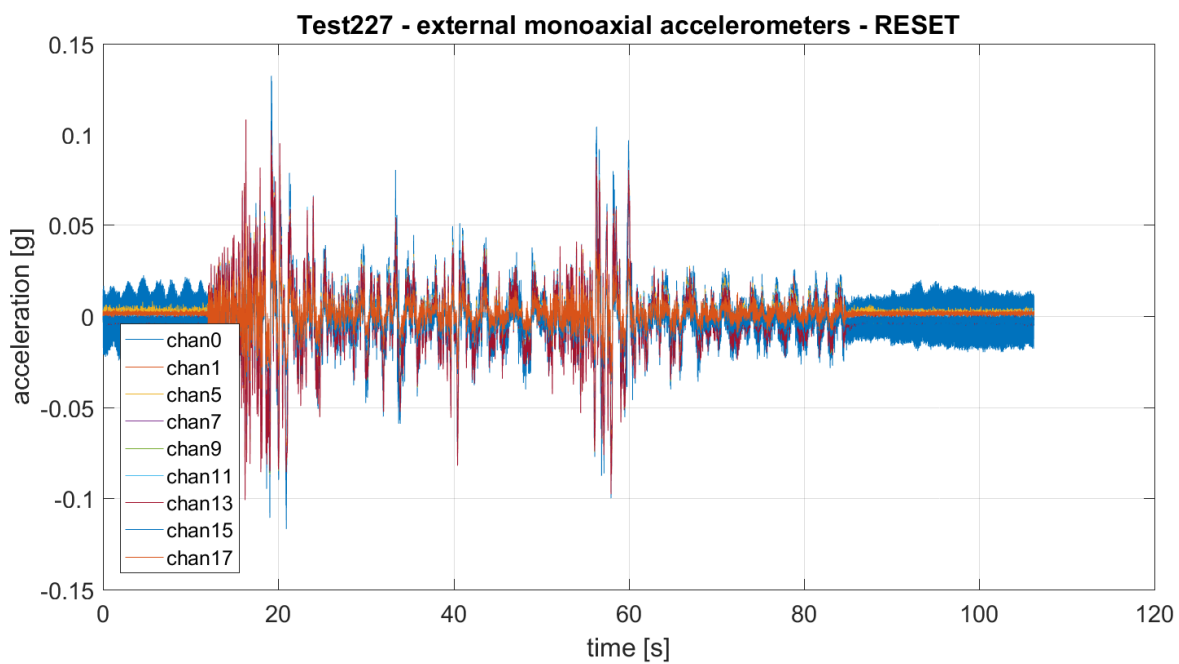
• Terremoto A1 0.5 g



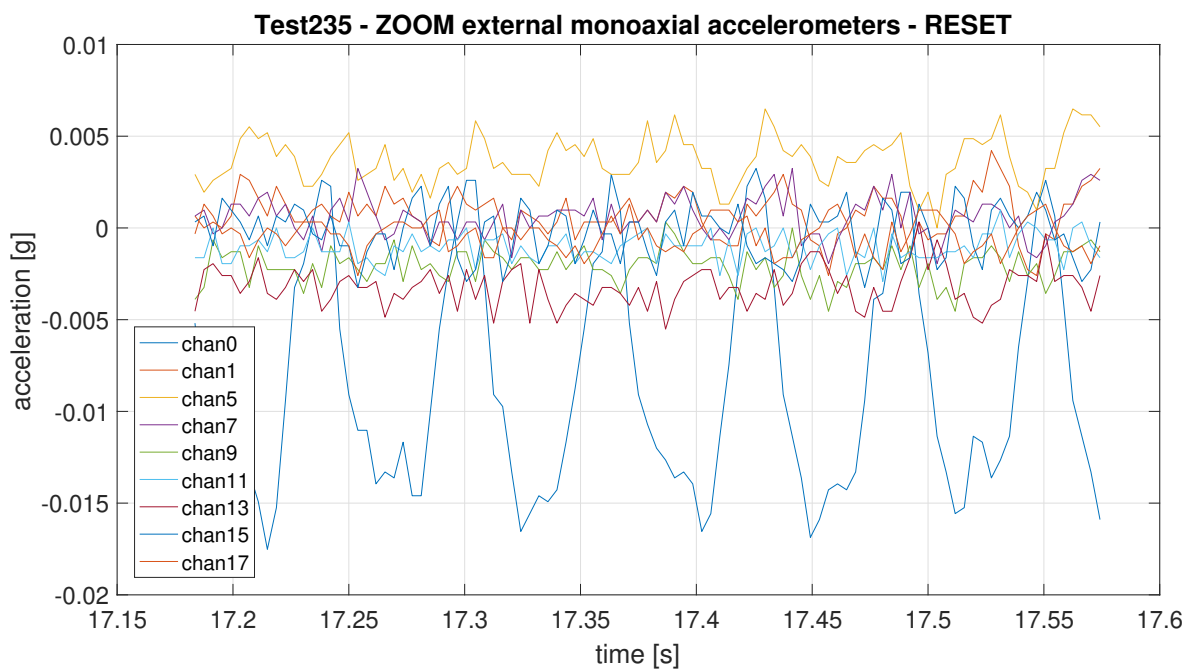
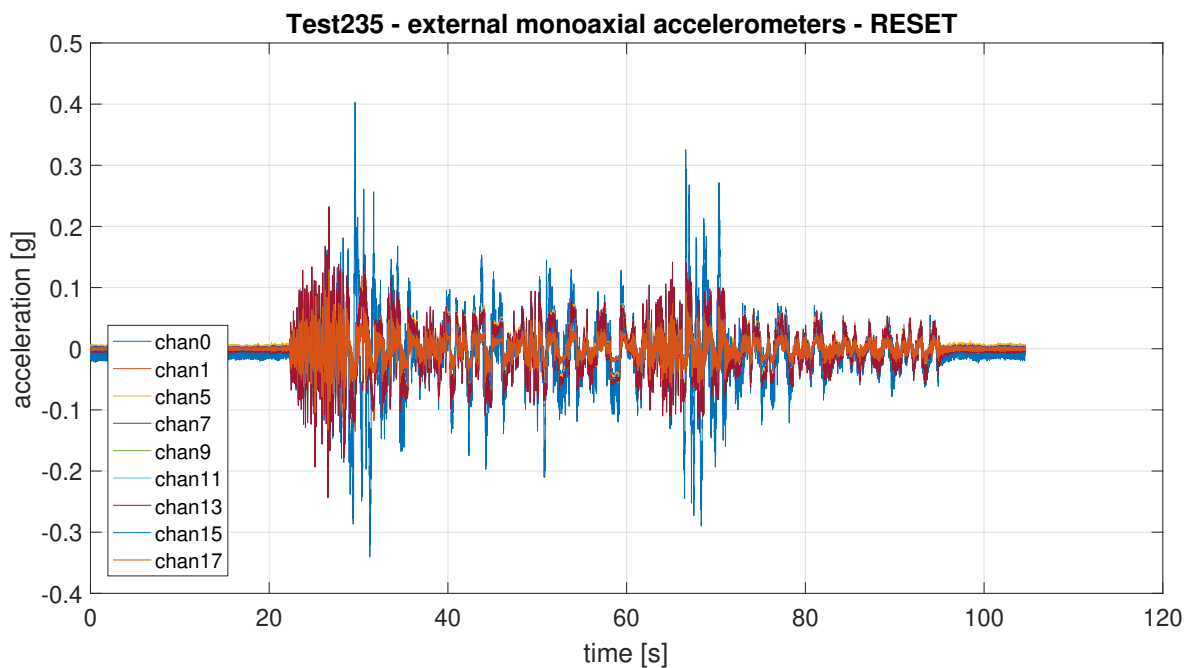
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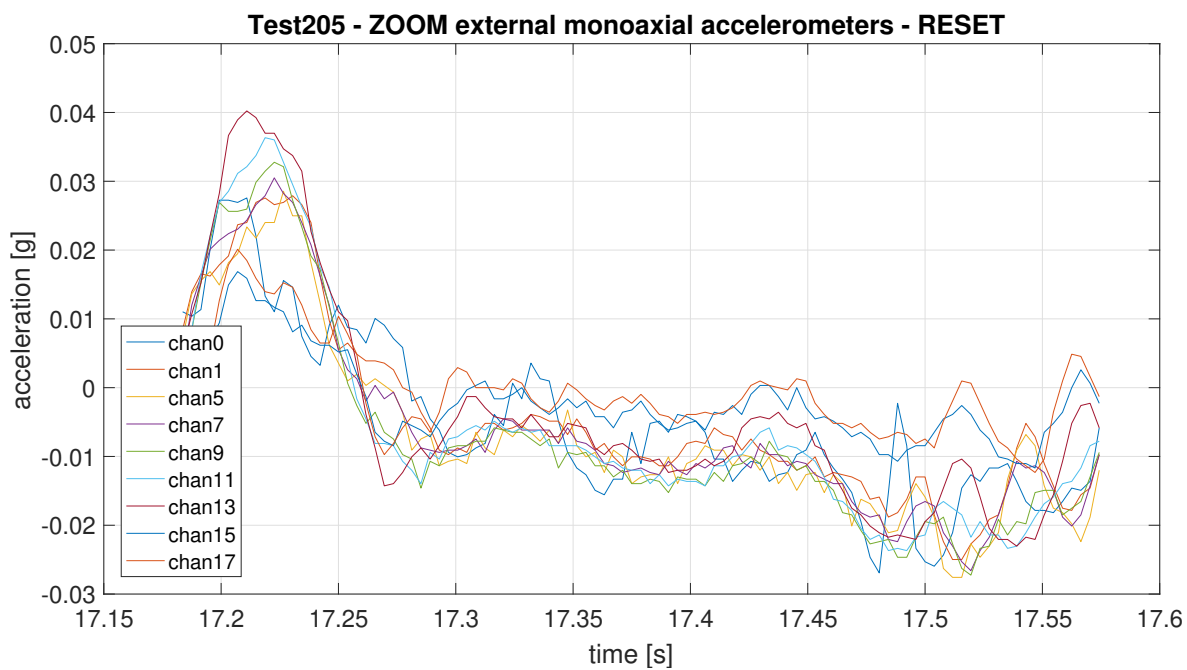
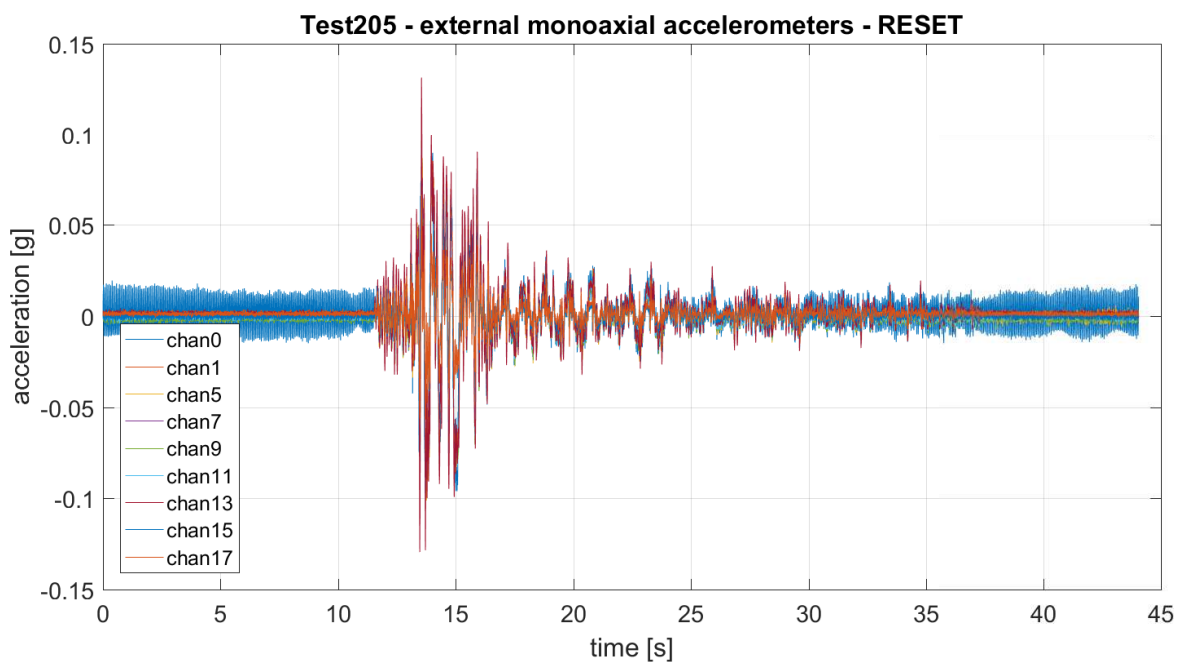
• Terremoto RS1 0.1 g



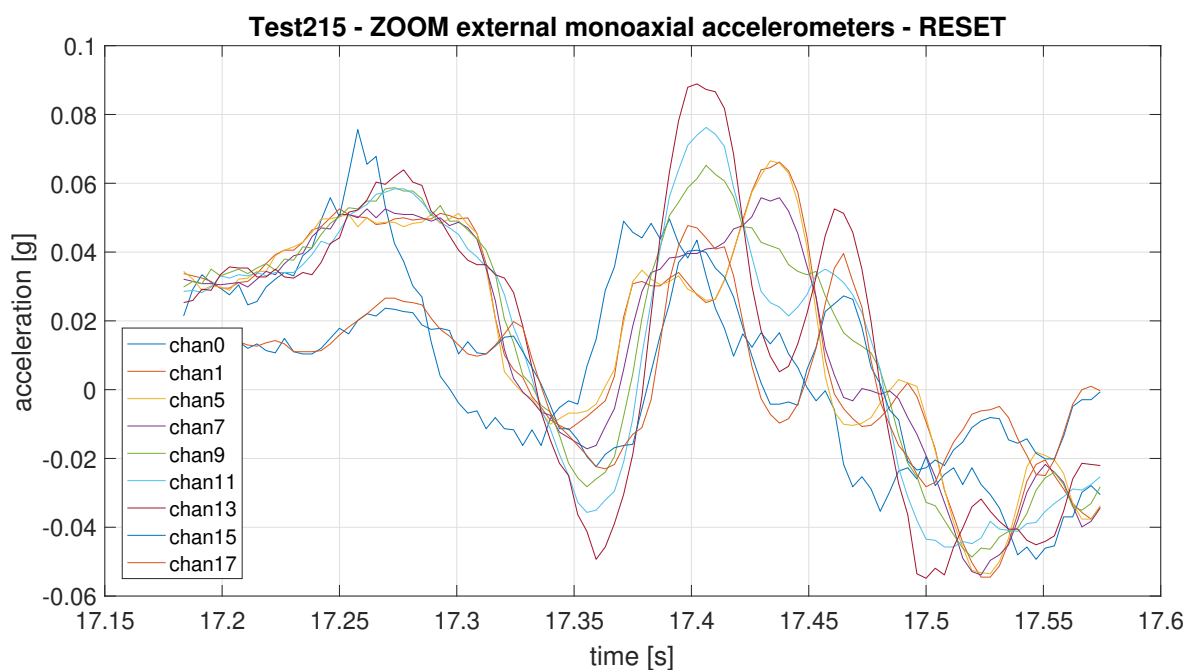
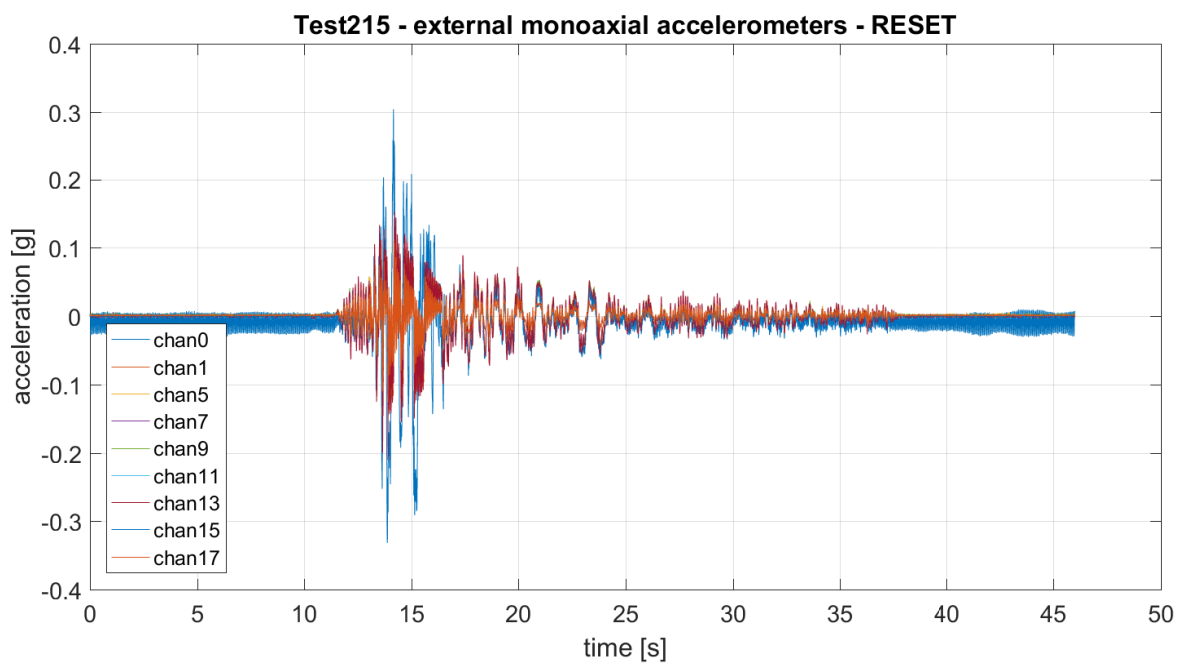
- Terremoto RS1 0.3 g

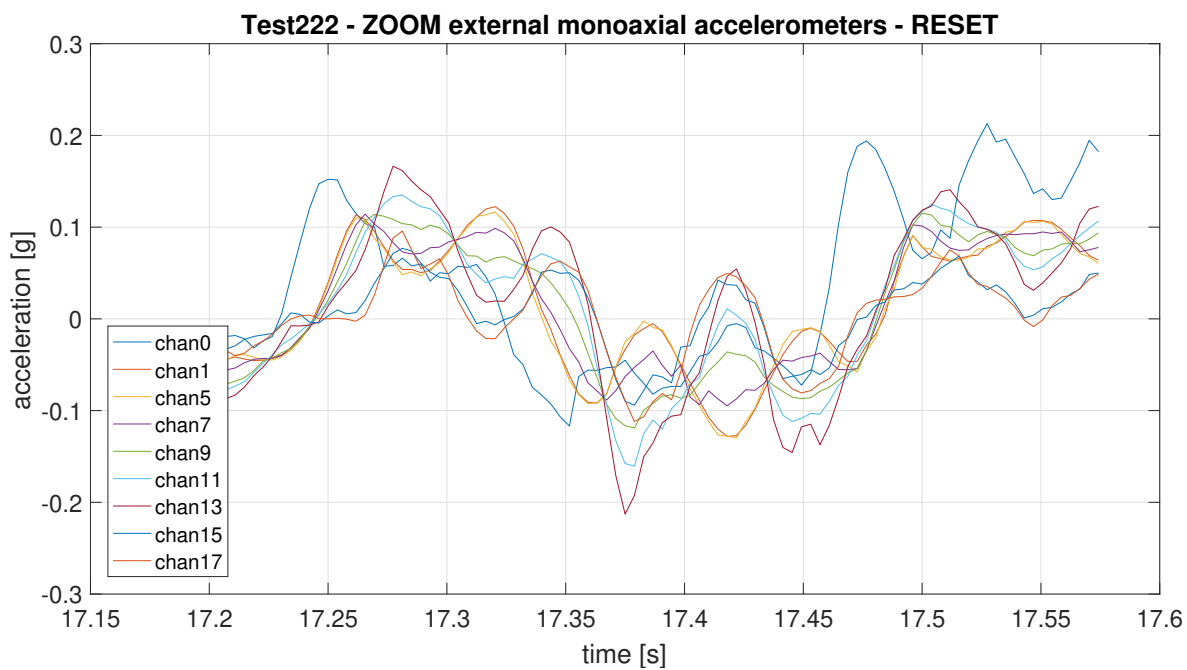
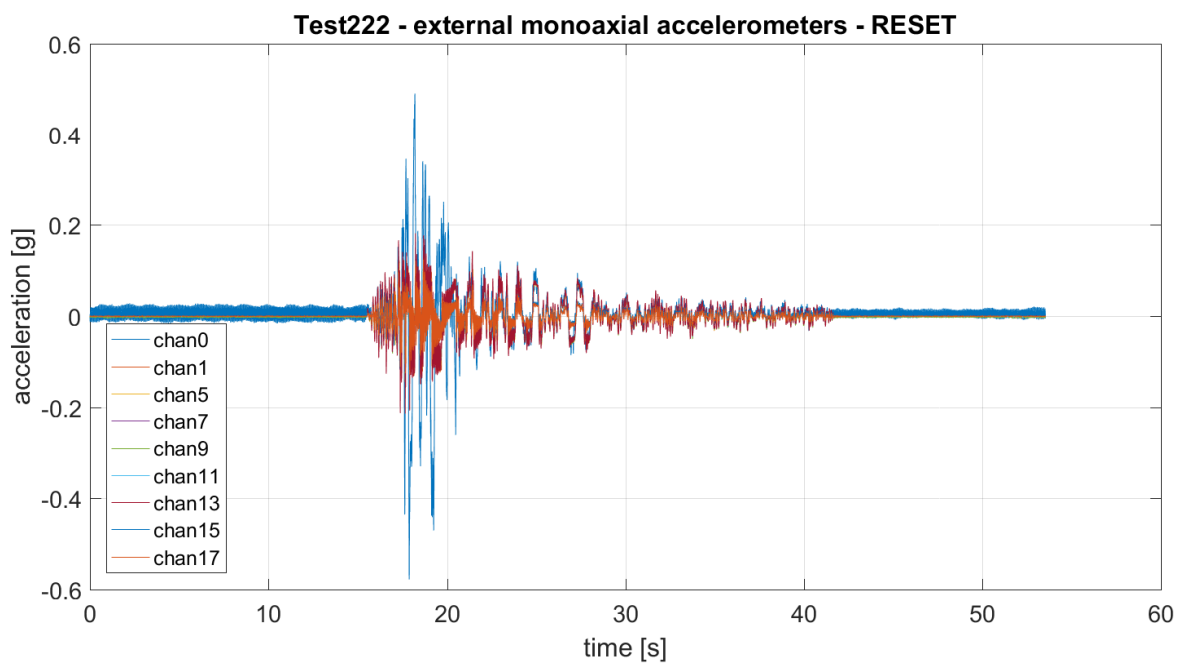


• Terremoto RS3 0.1 g

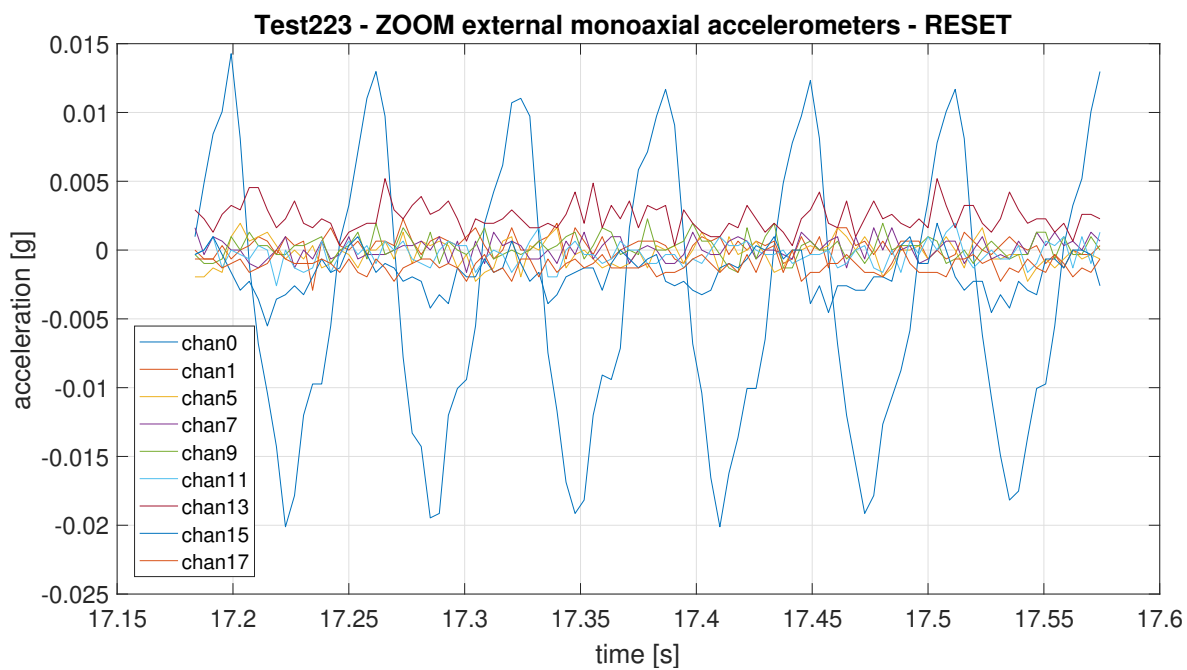
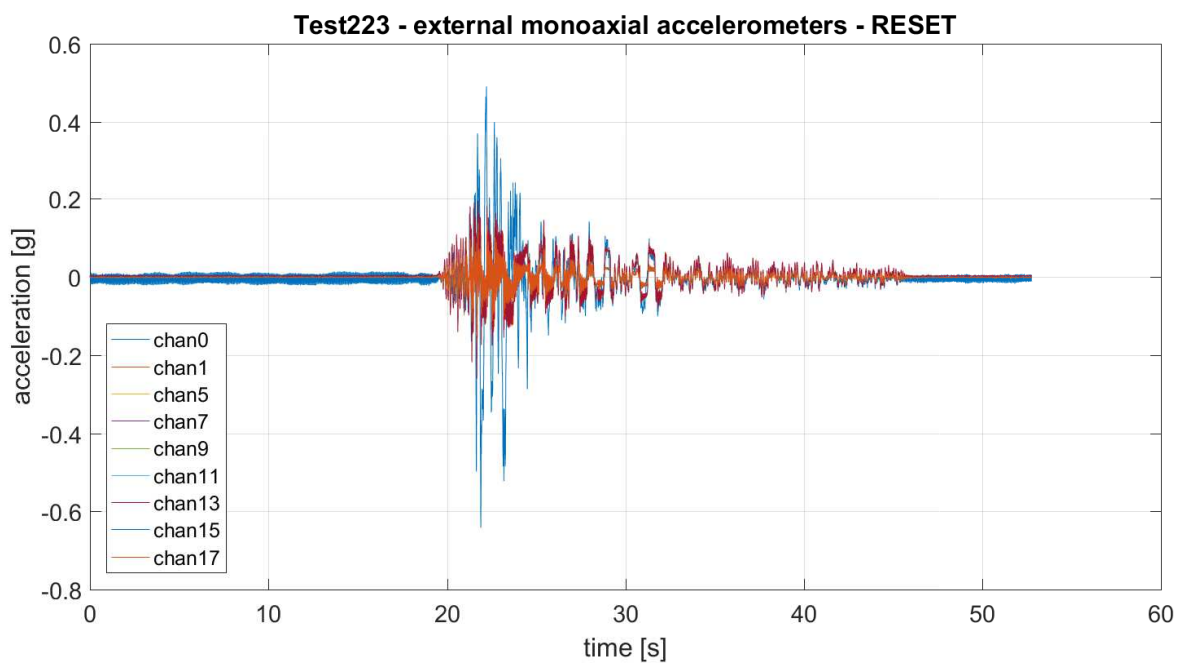


• Terremoto RS3 0.3 g



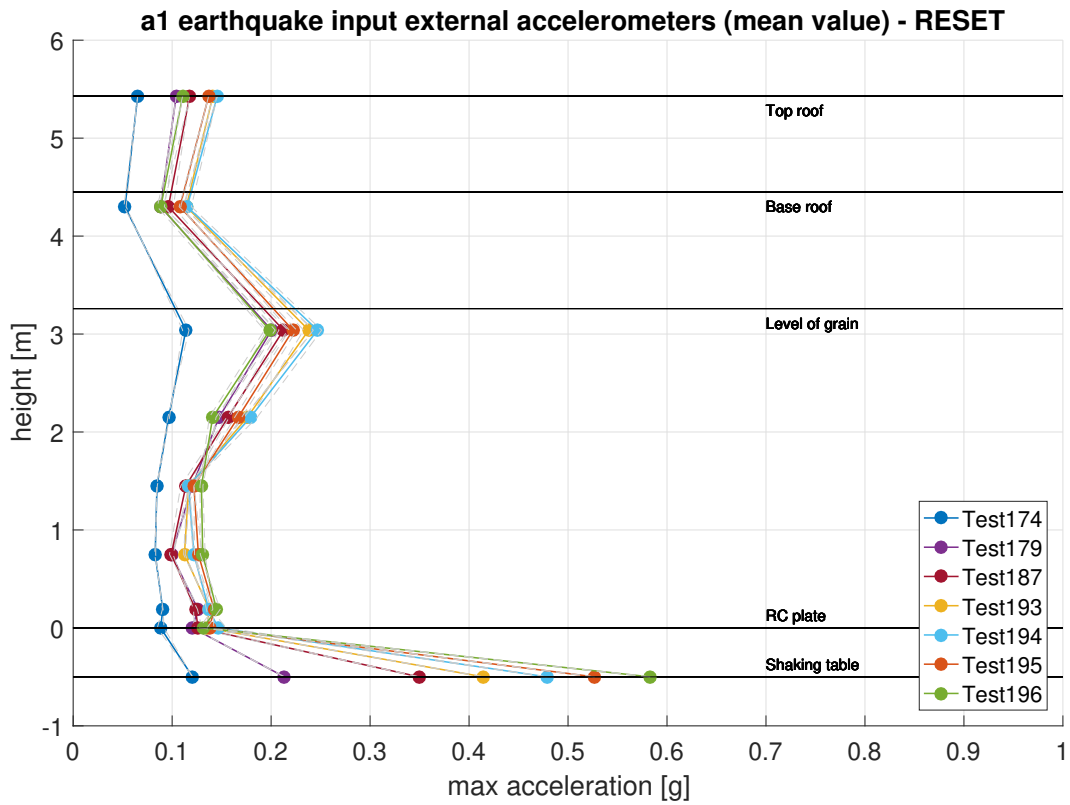
• Terremoto RS₃ 0.5 g

• Terremoto RS3 0.55 g

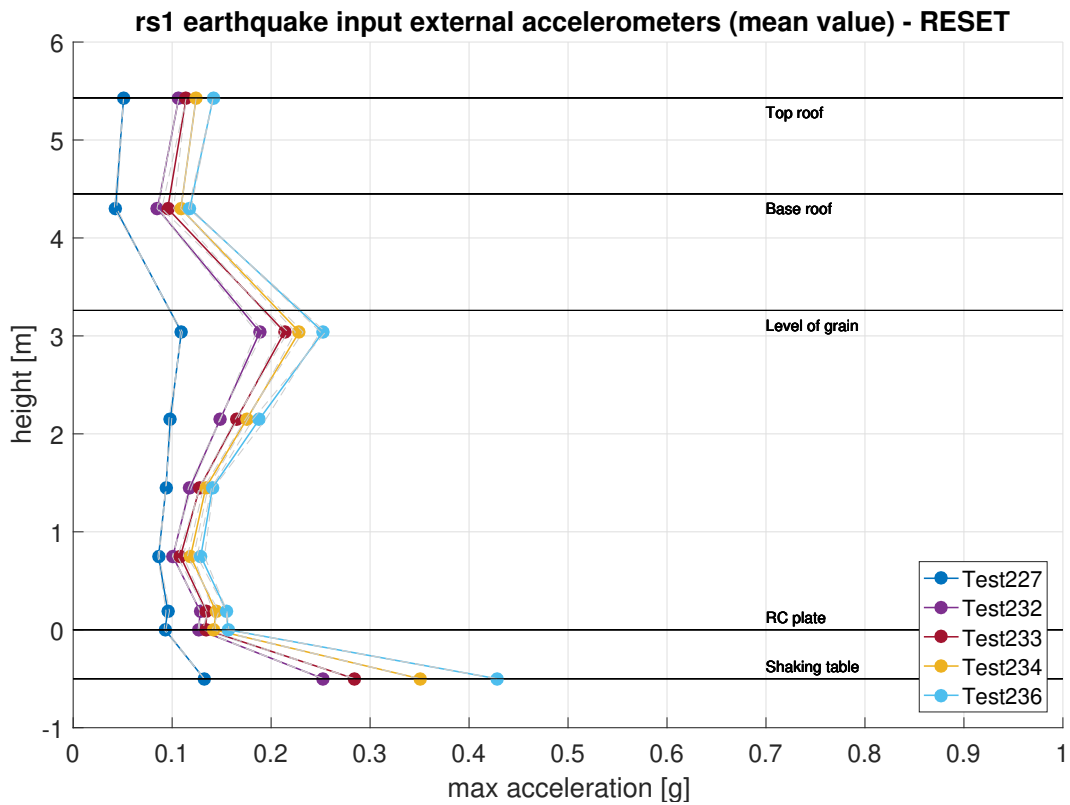


A.7.3 Amplificazione dinamica

- Terremoto A₁



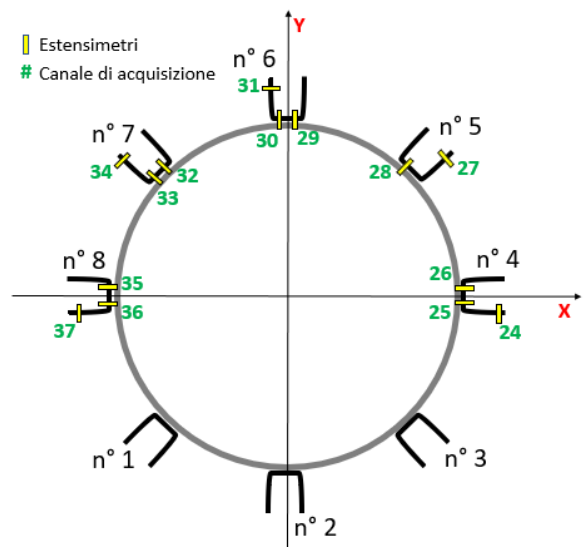
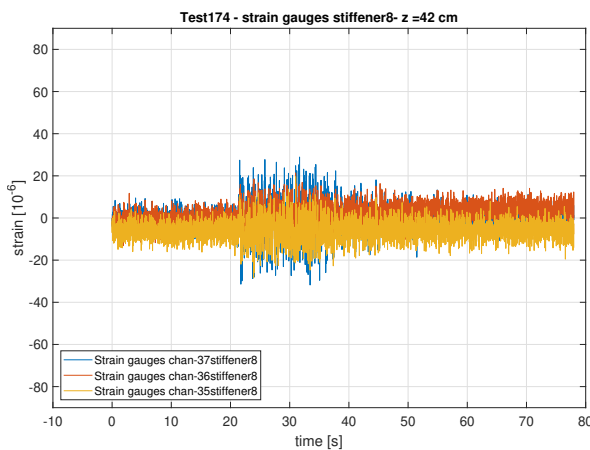
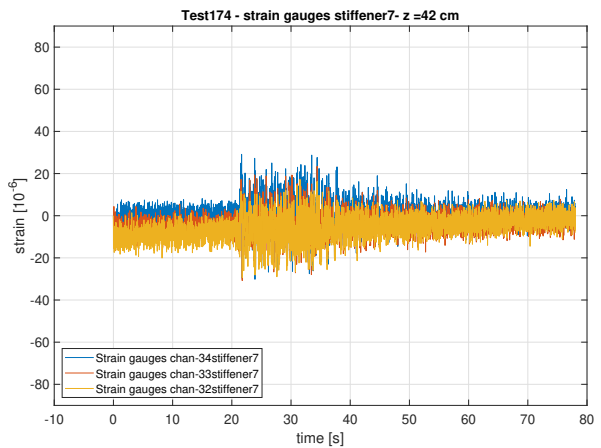
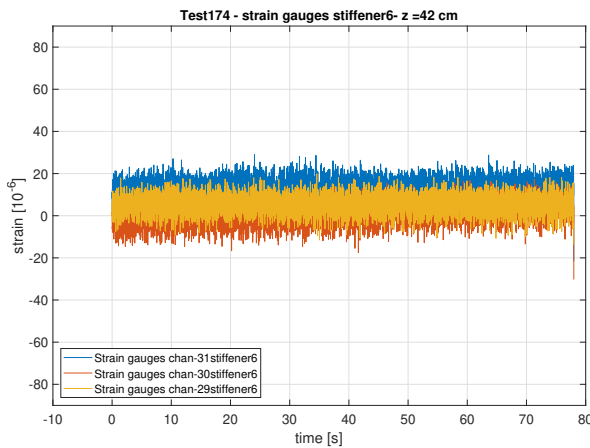
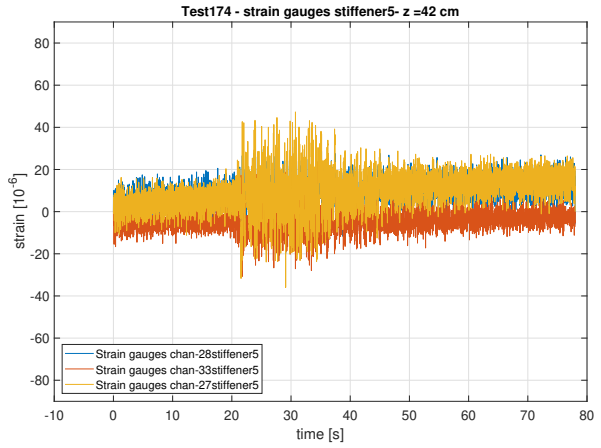
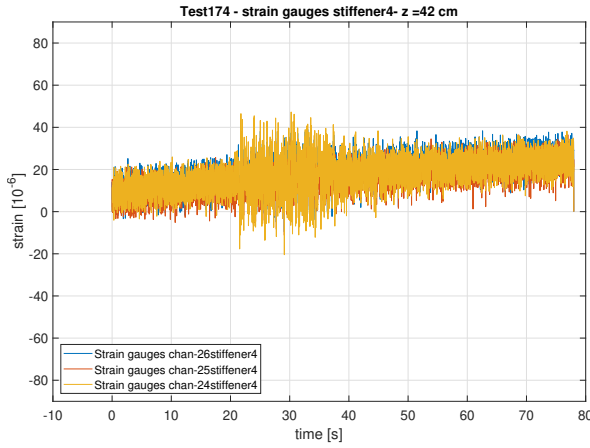
- Terremoto RS₁



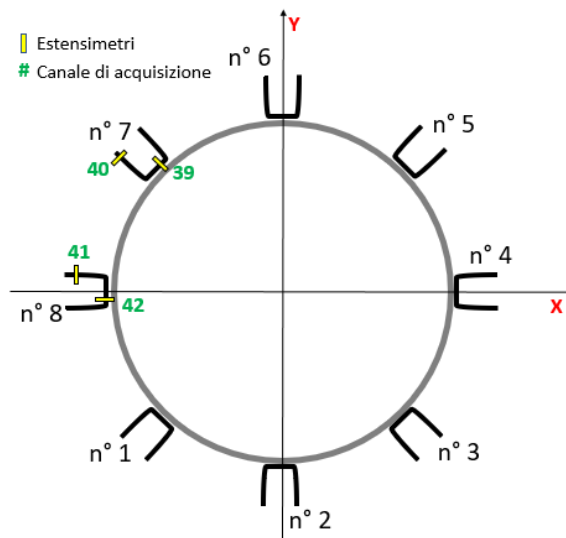
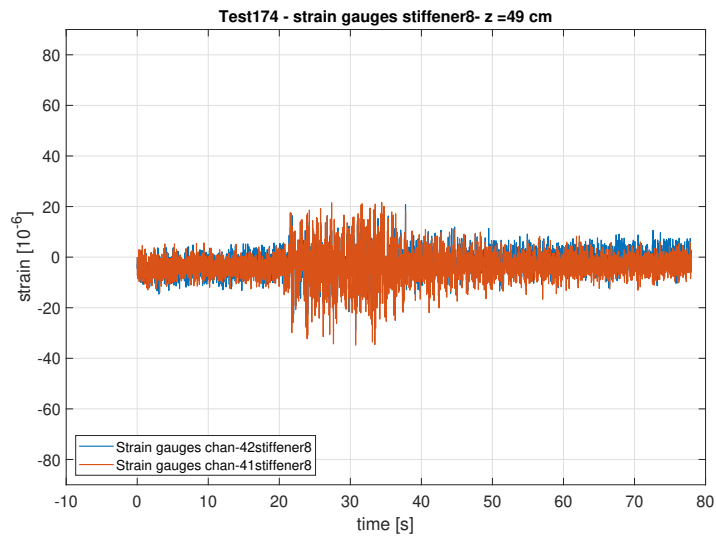
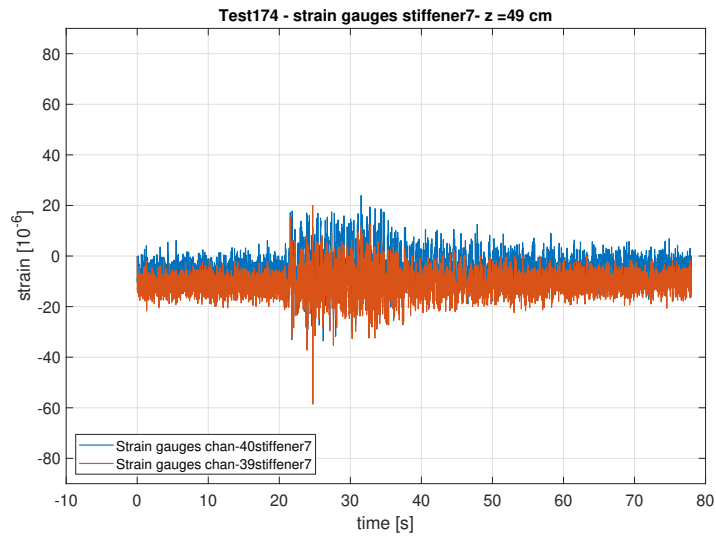
A.7.4 Estensimetri

- A1 0.1 g

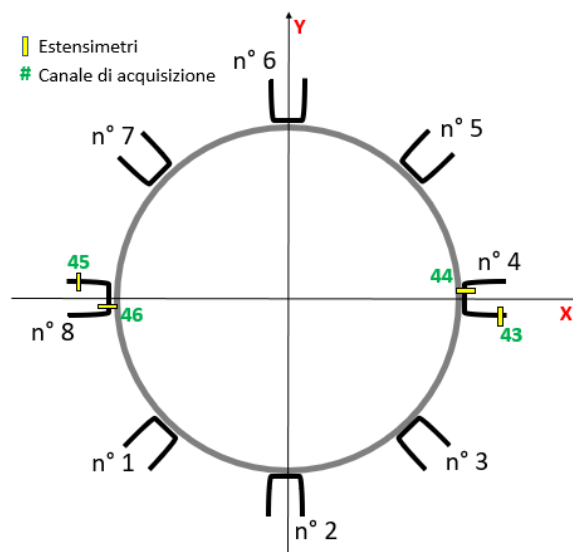
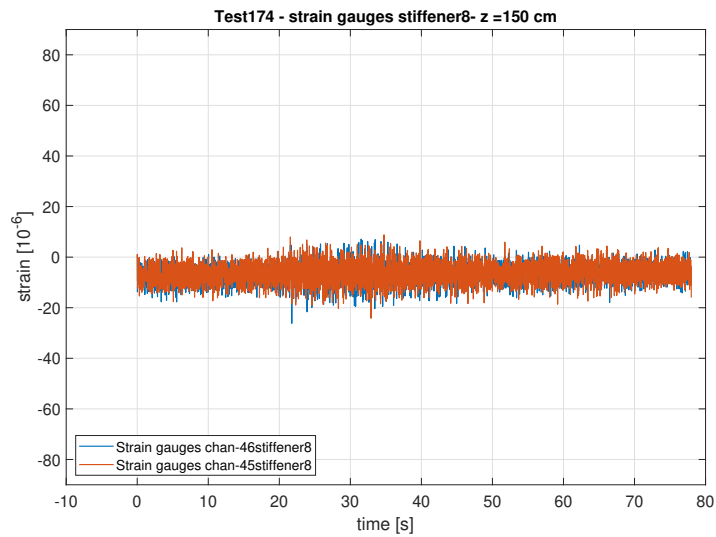
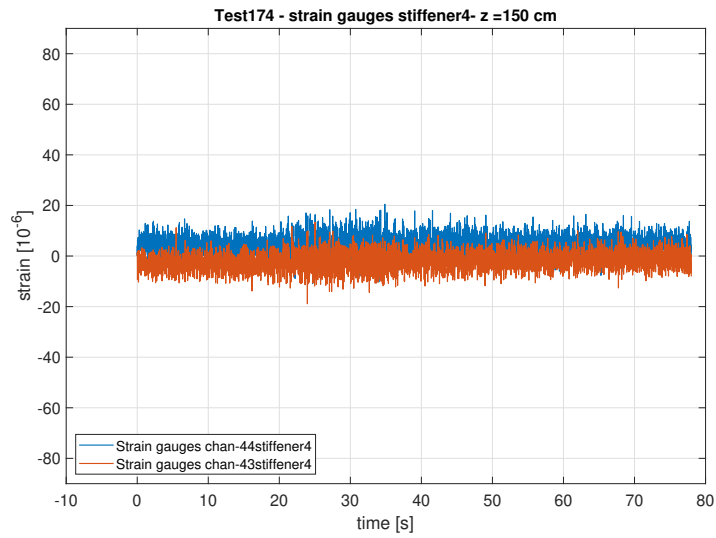
Quota z = 42 cm



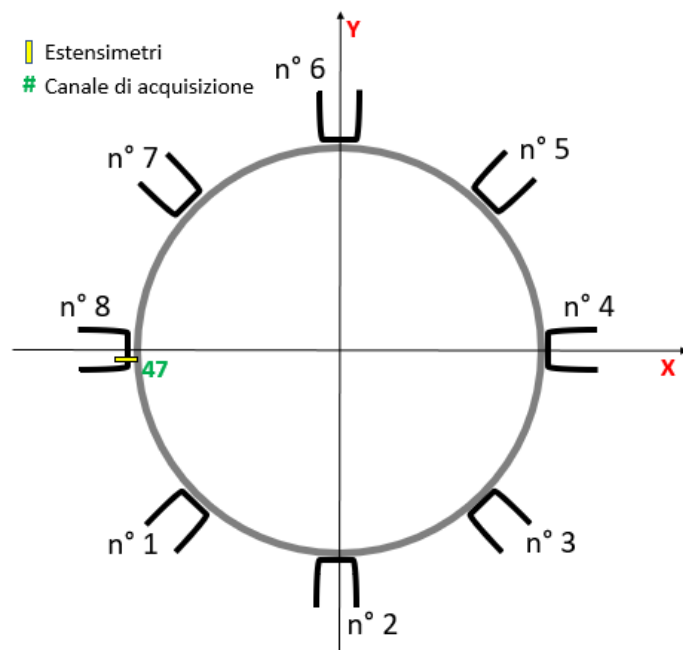
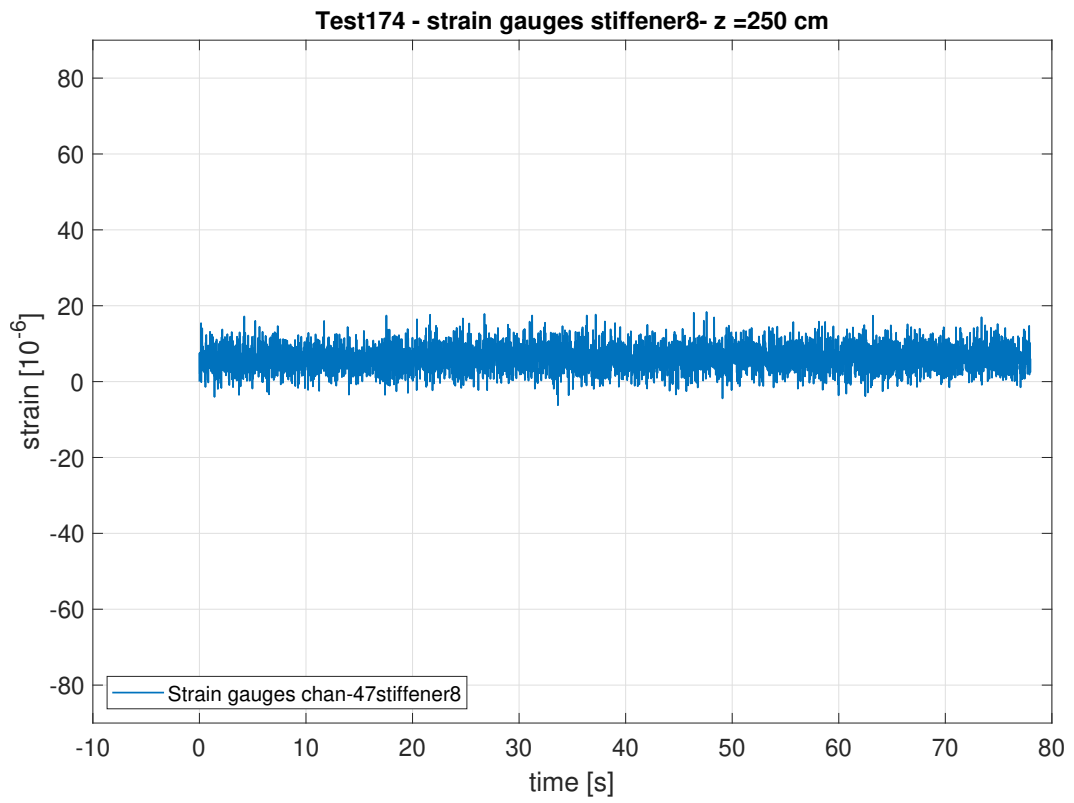
Quota z = 49 cm



Quota z = 150 cm

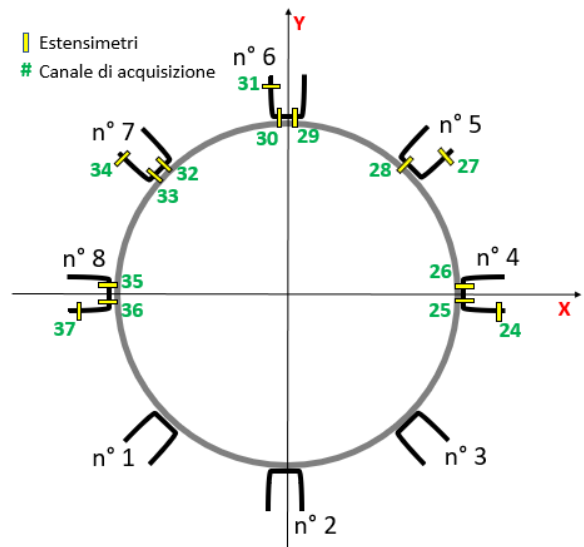
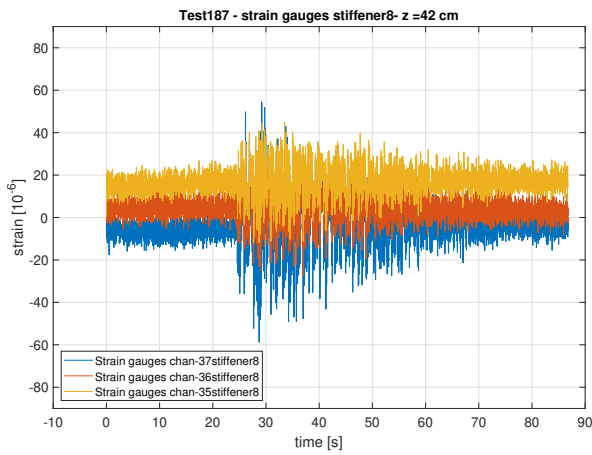
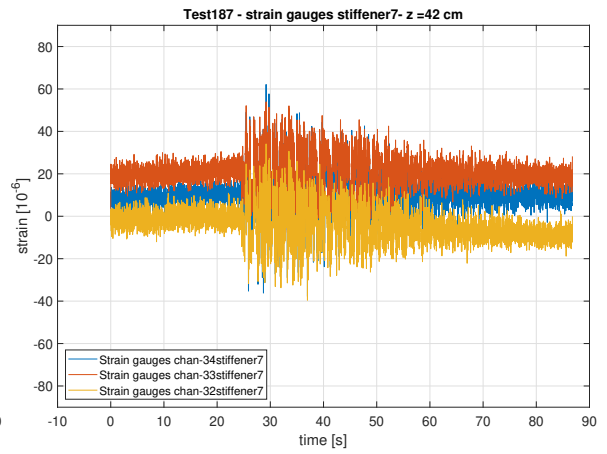
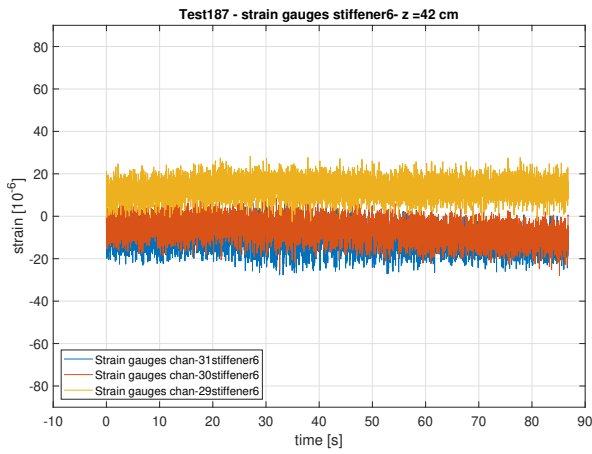
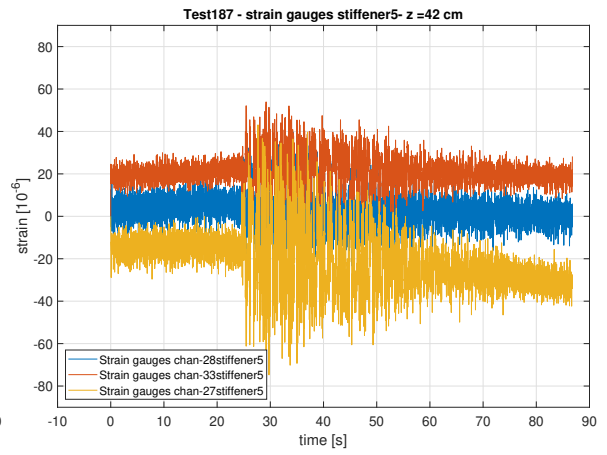
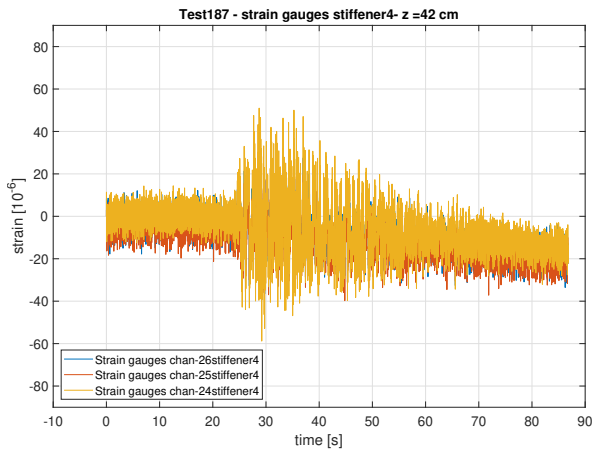


Quota z = 250 cm

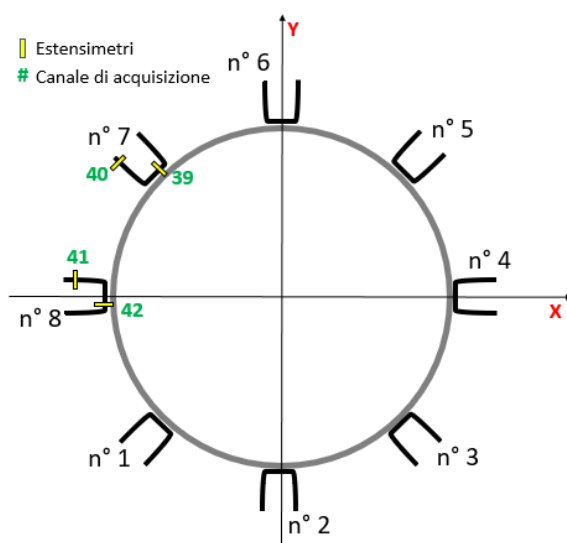
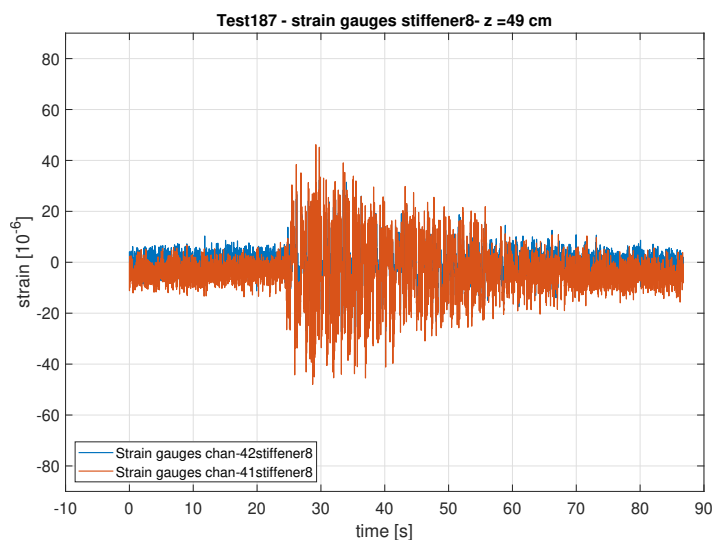
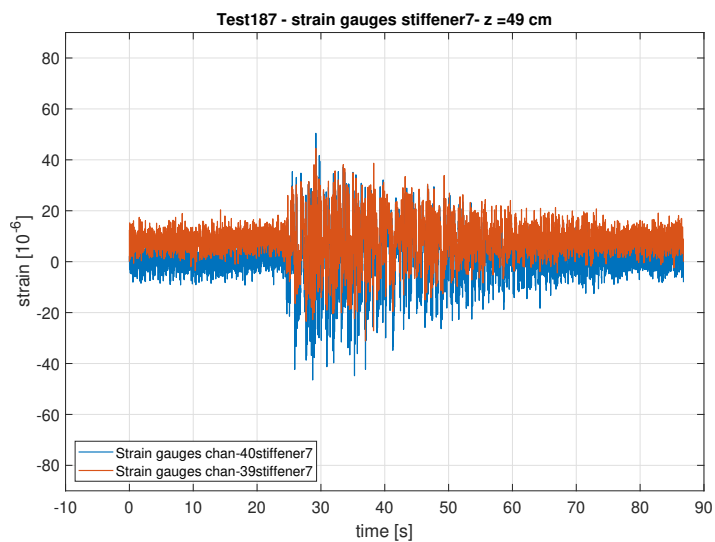


- A1 0.3 g

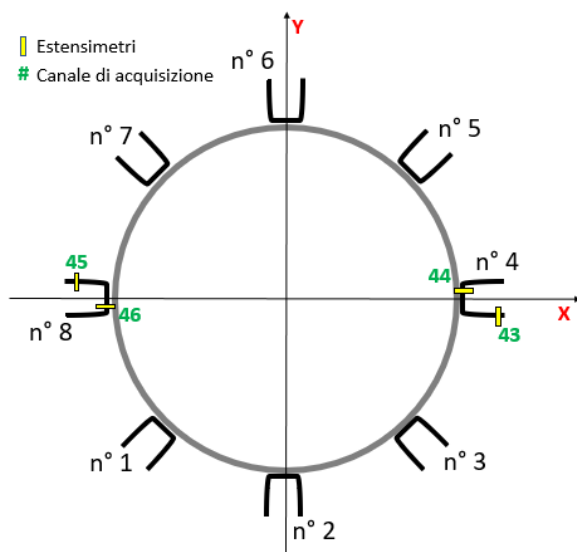
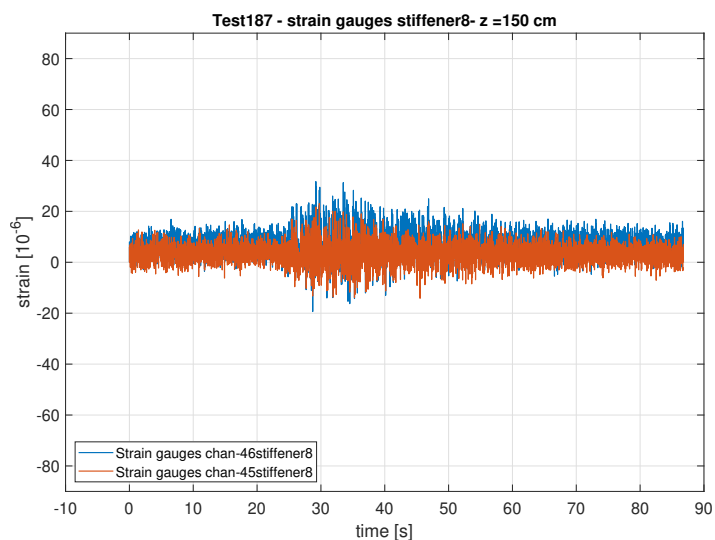
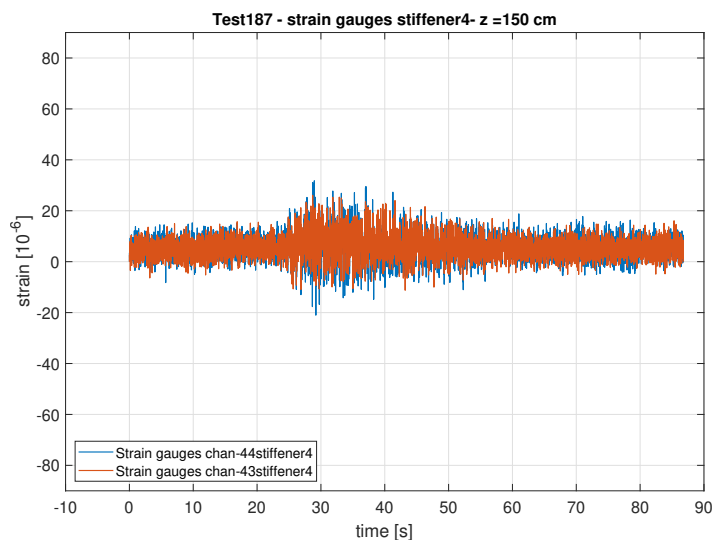
Quota z = 42 cm



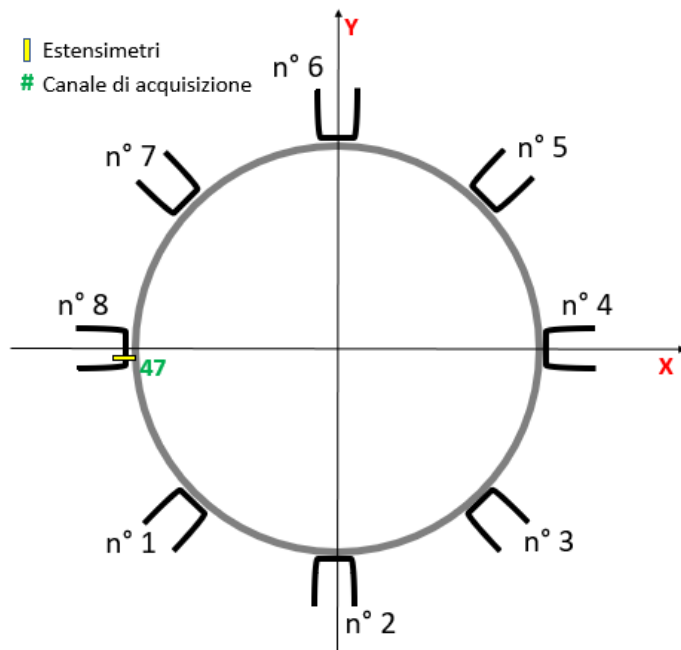
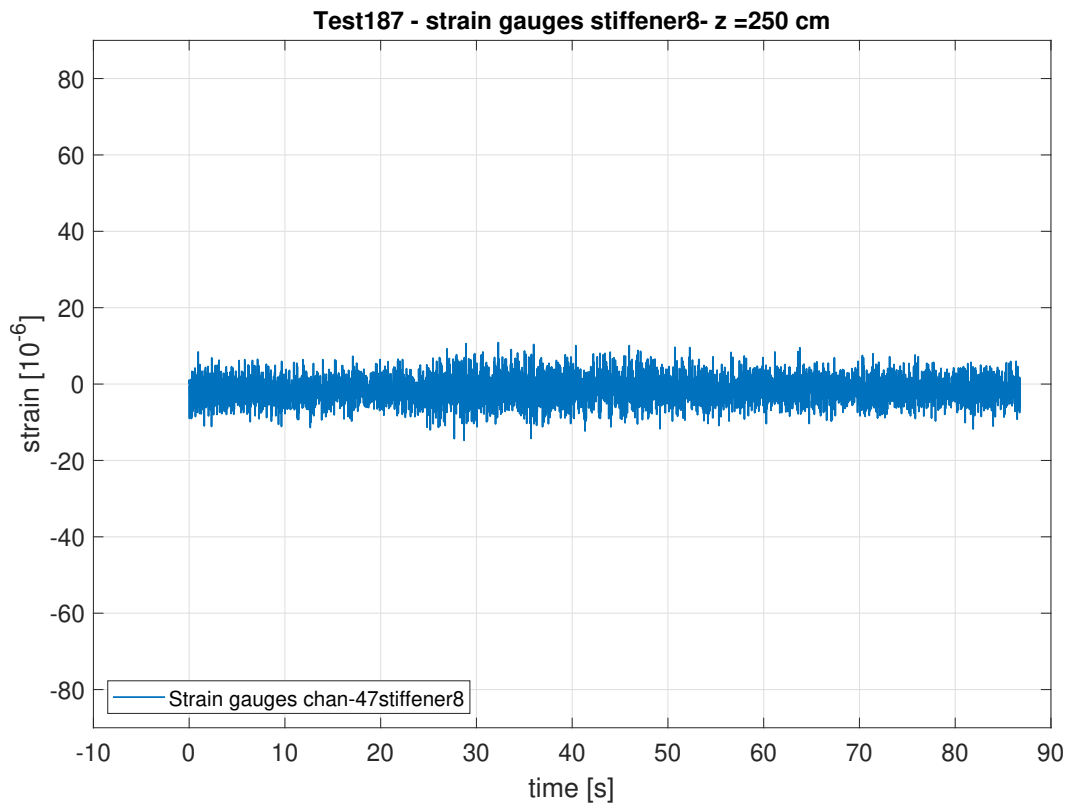
Quota z = 49 cm



Quota z = 150 cm

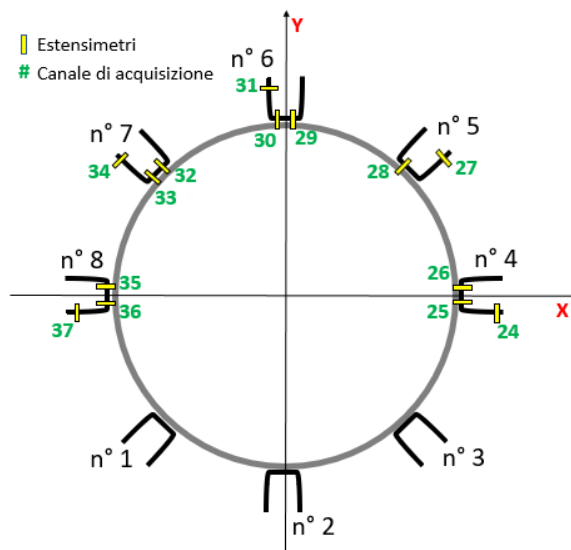
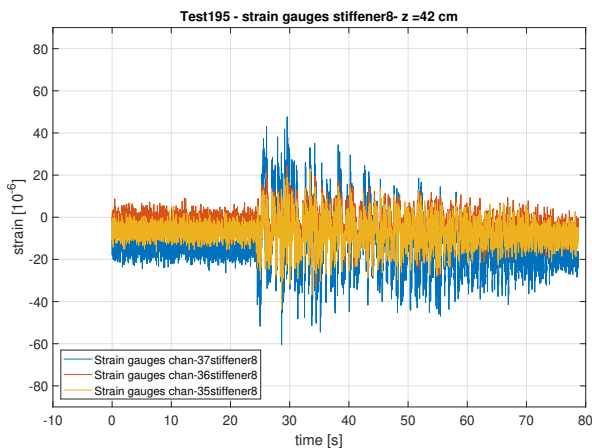
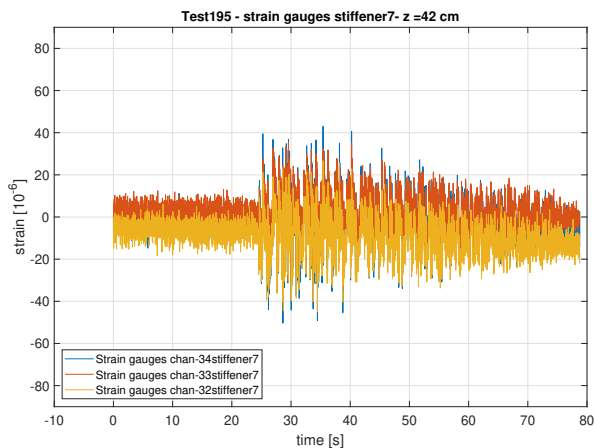
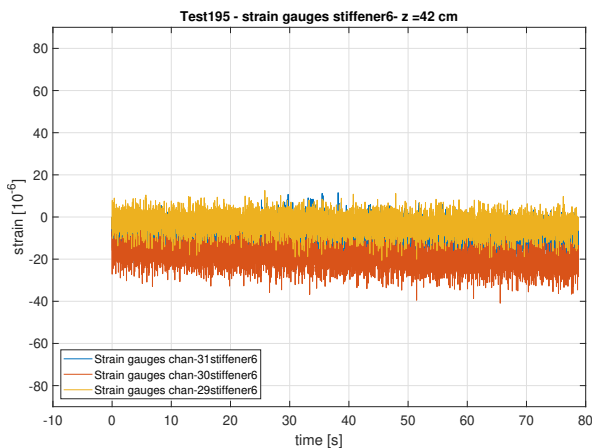
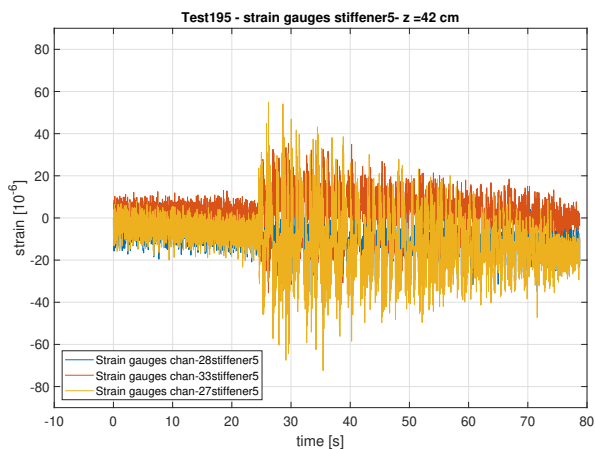
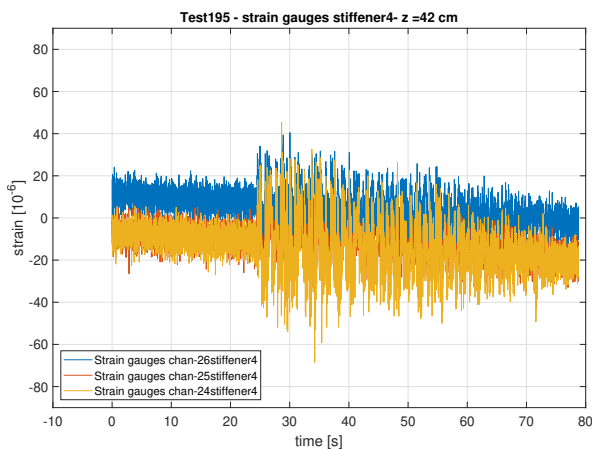


Quota z = 250 cm

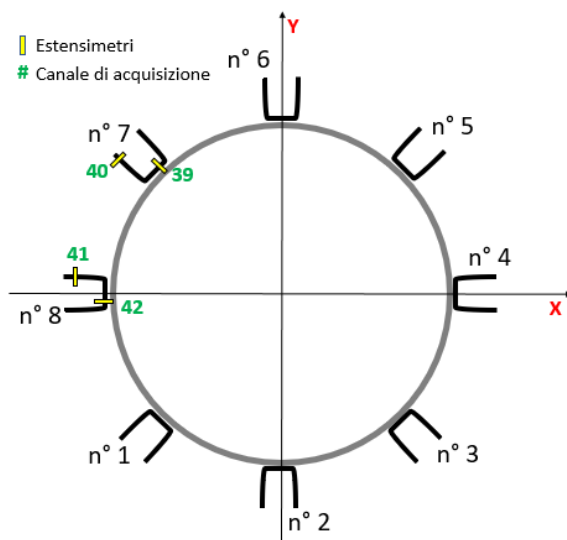
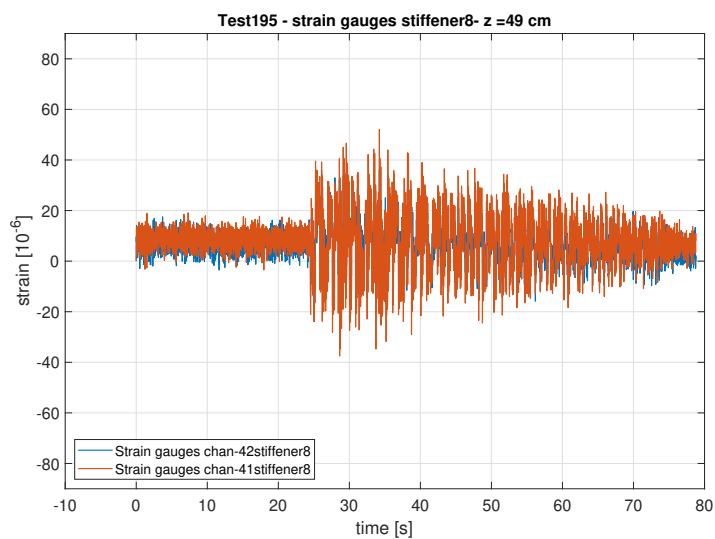
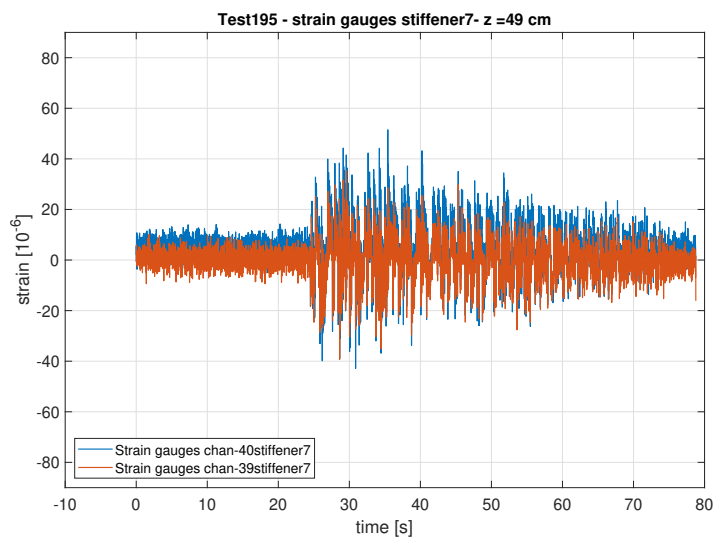


- A1 0.5 g

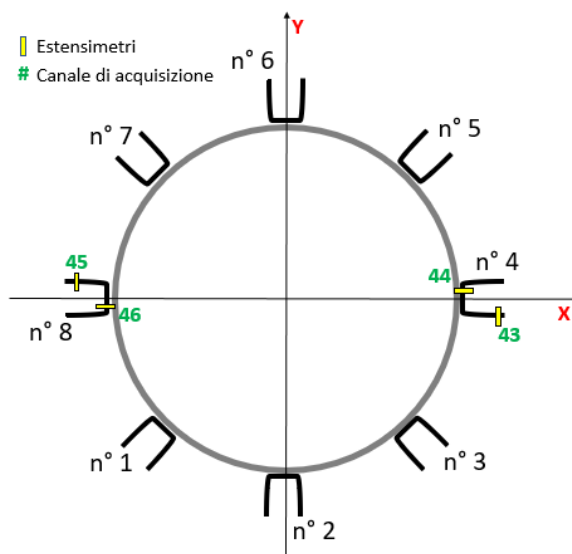
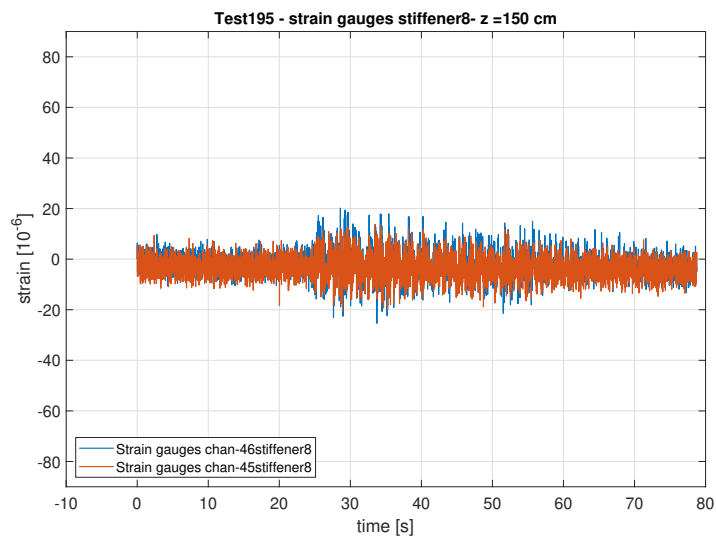
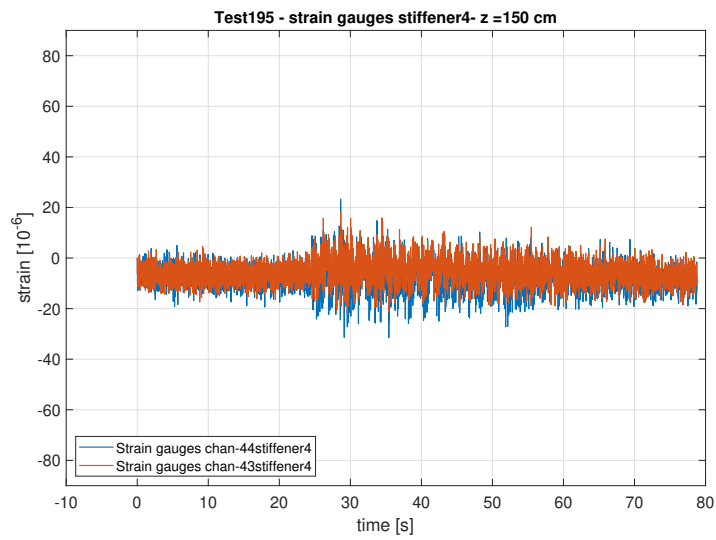
Quota z = 42 cm



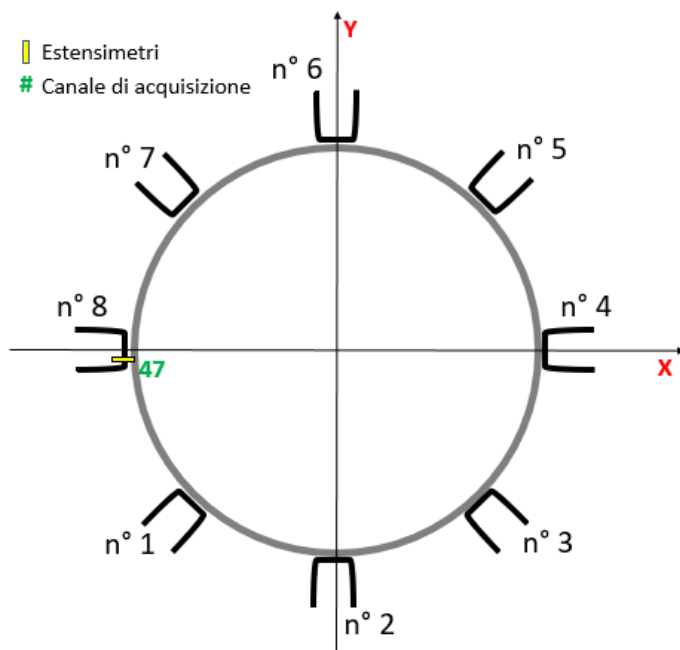
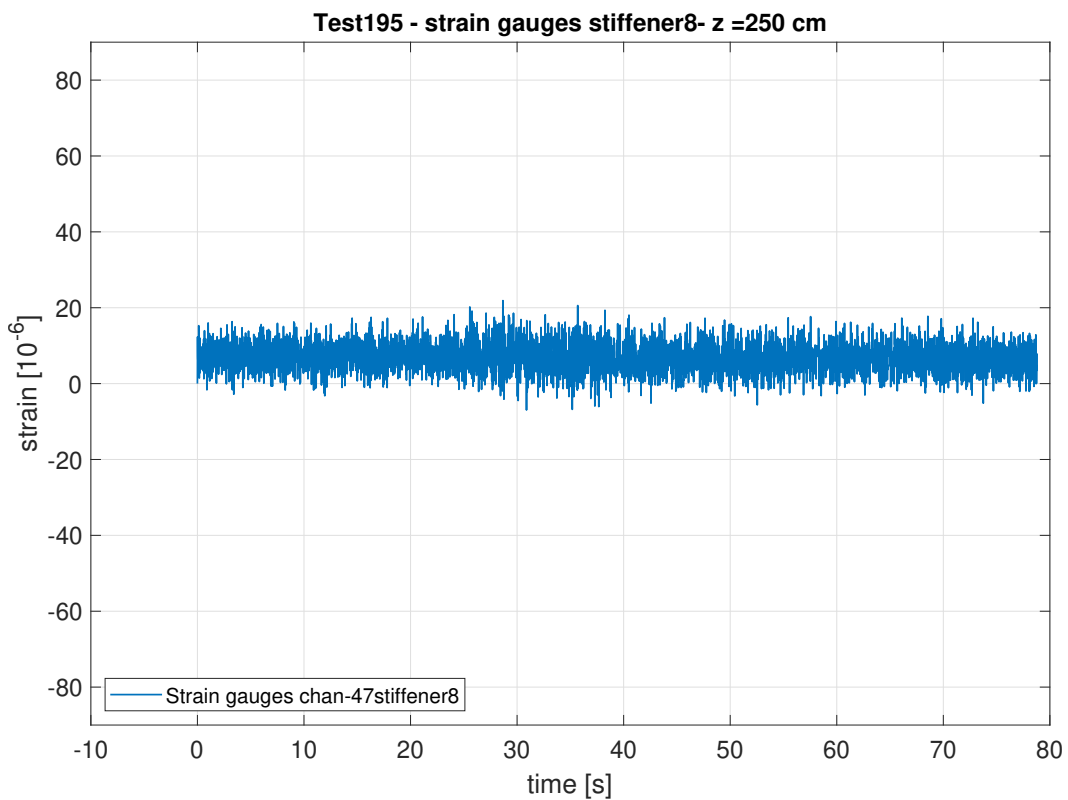
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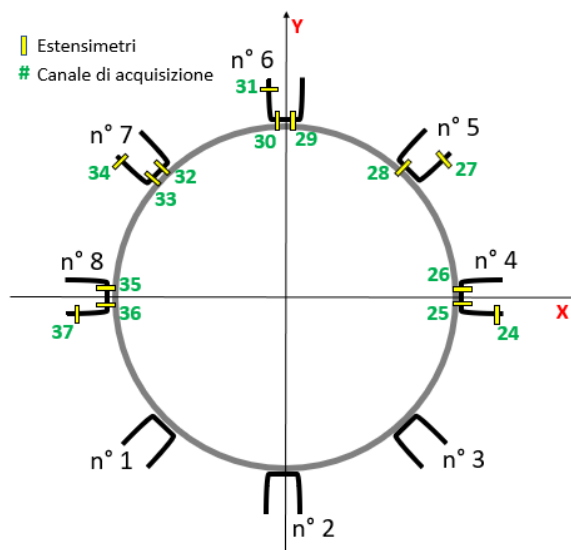
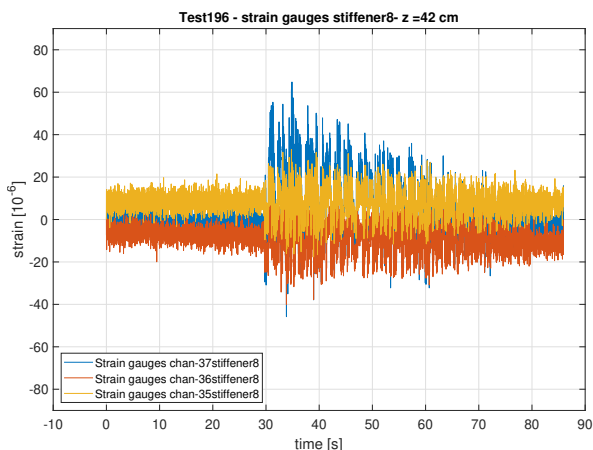
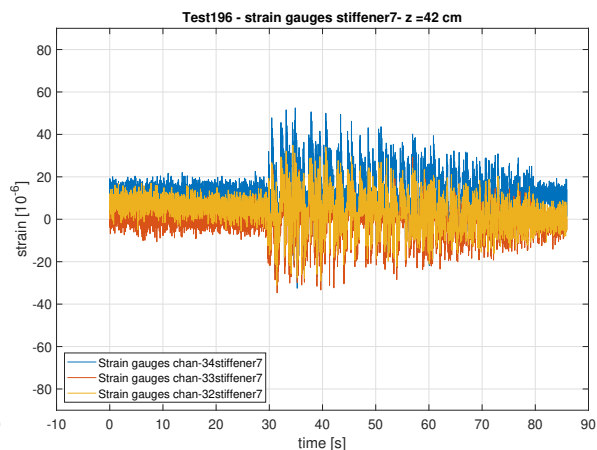
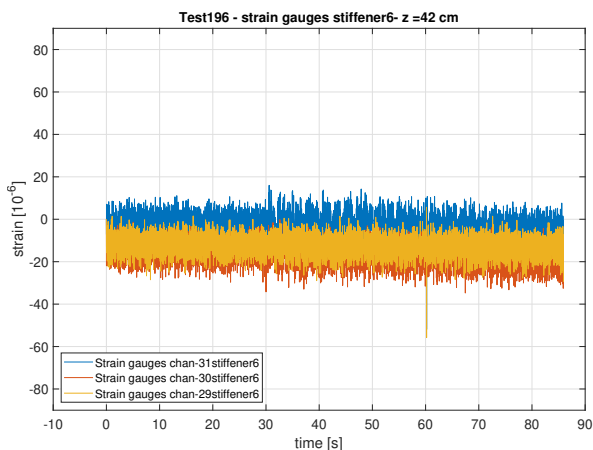
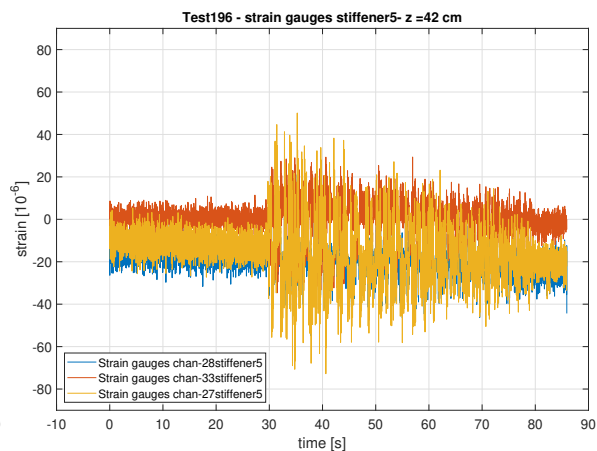
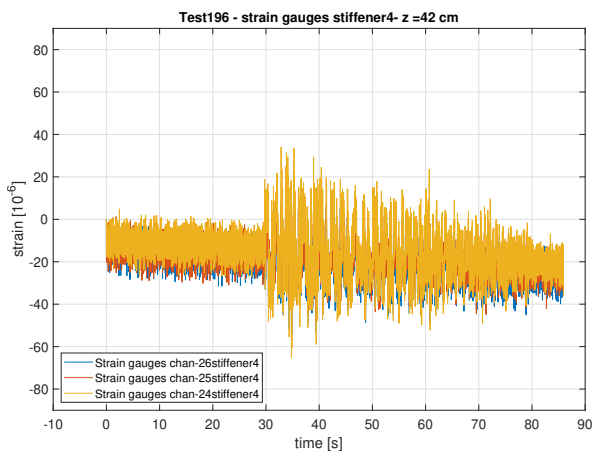
Quota z = 150 cm



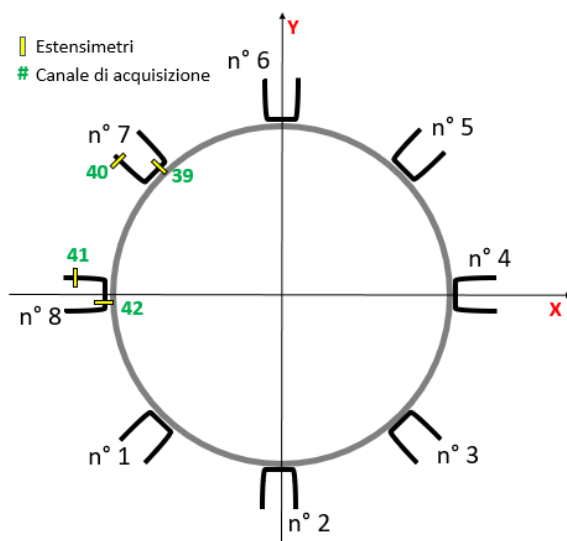
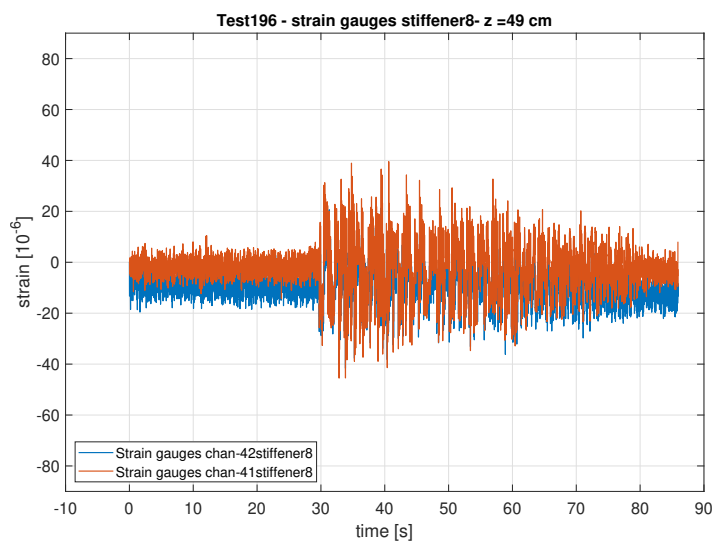
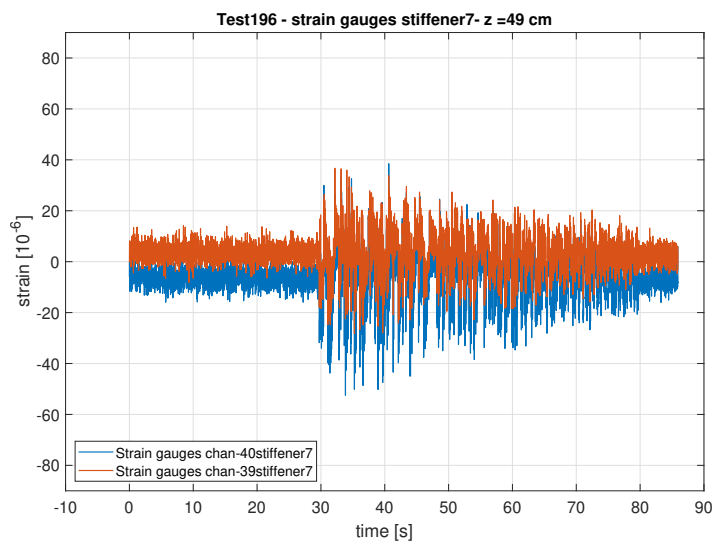
Quota z = 250 cm



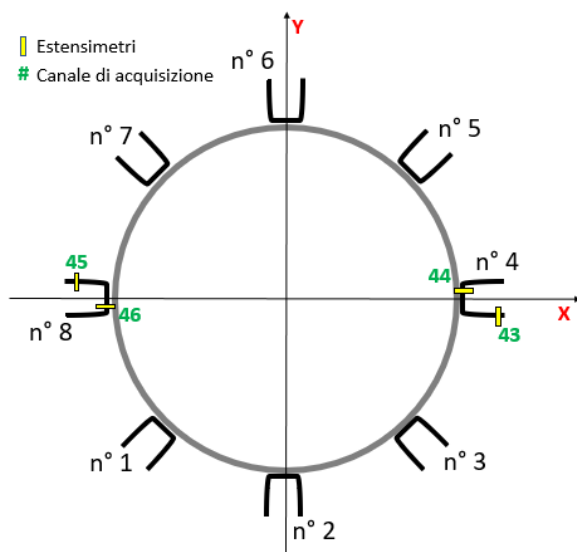
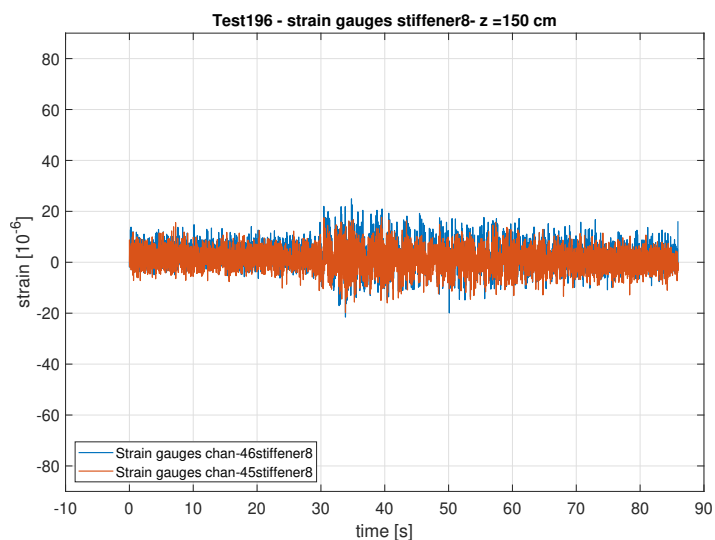
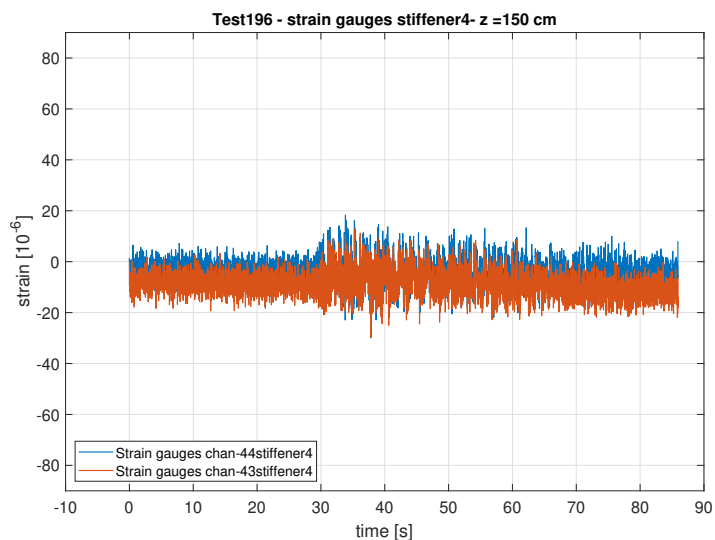
- A1 0.55 g
Quota z = 42 cm



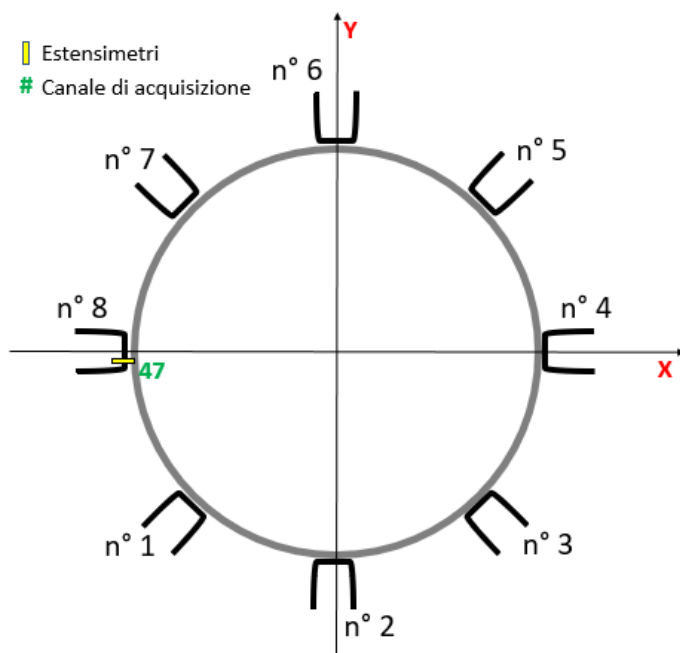
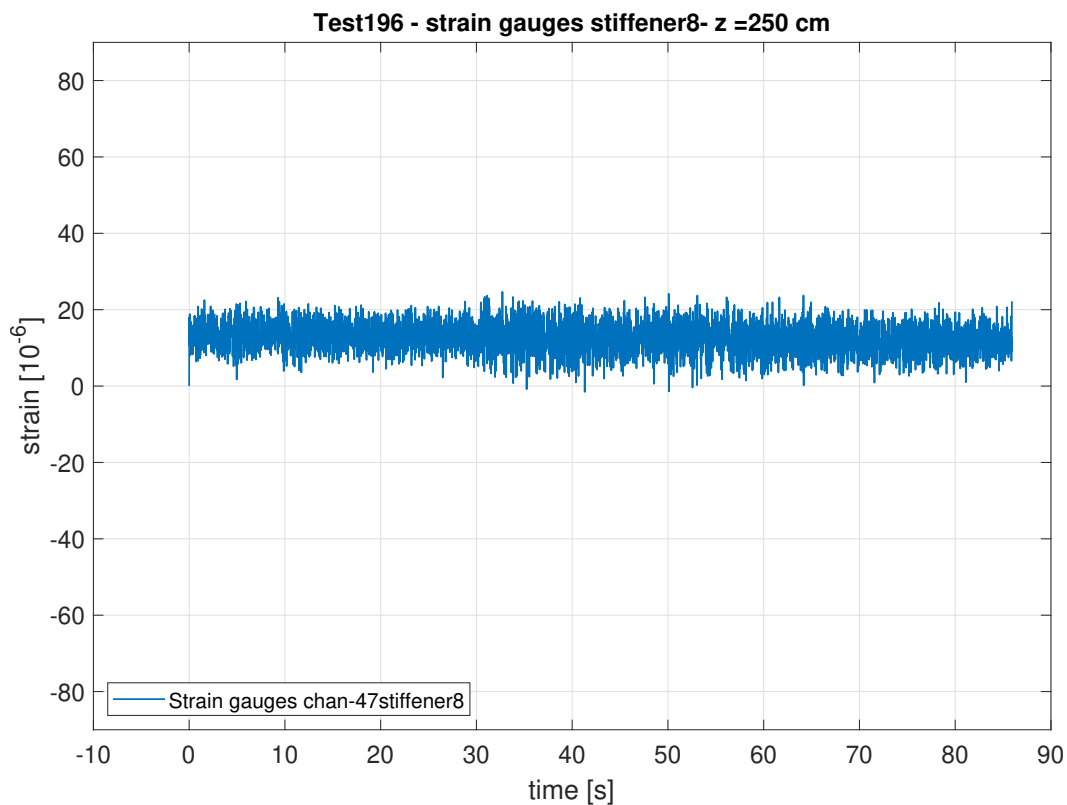
Quota z = 49 cm



Quota z = 150 cm

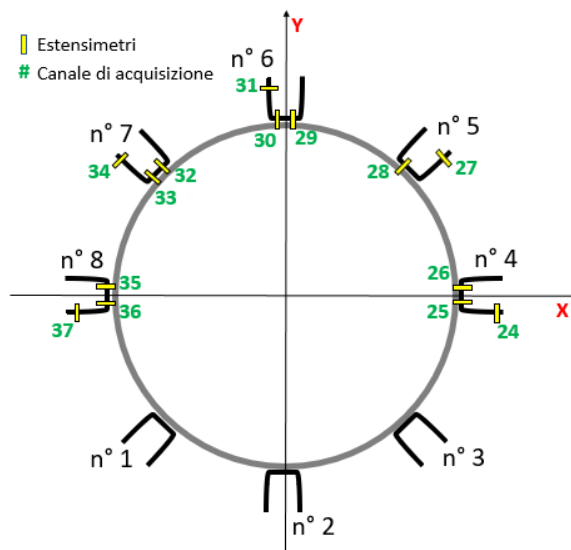
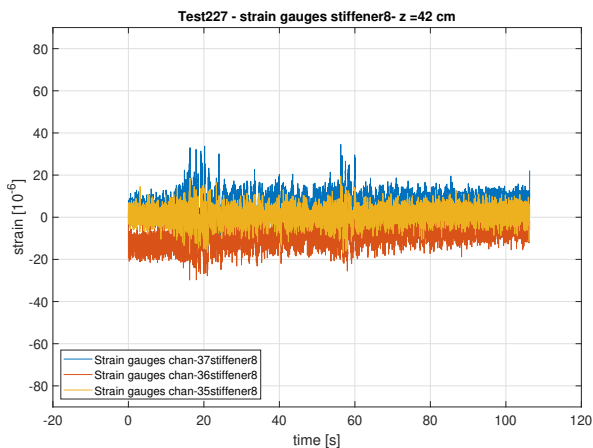
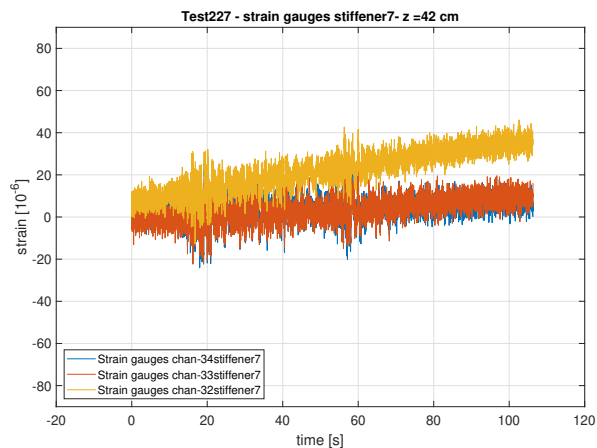
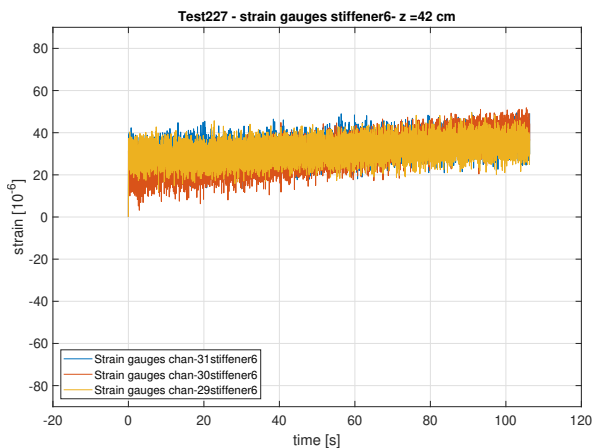
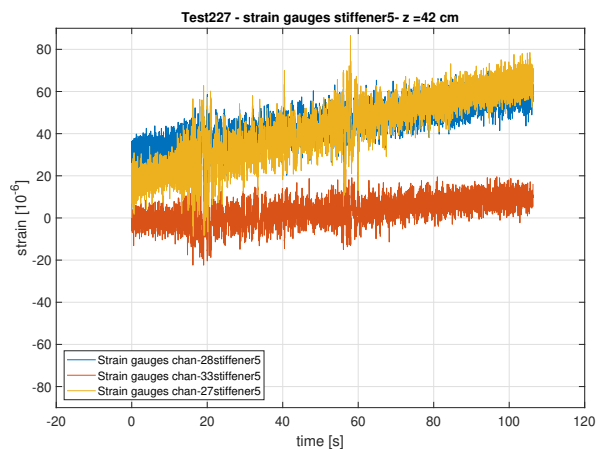
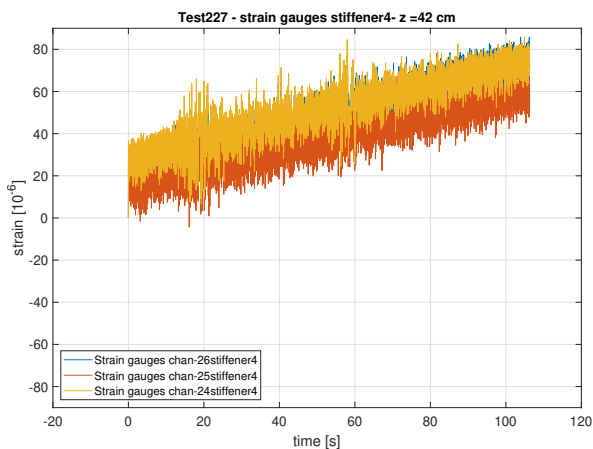


Quota z = 250 cm

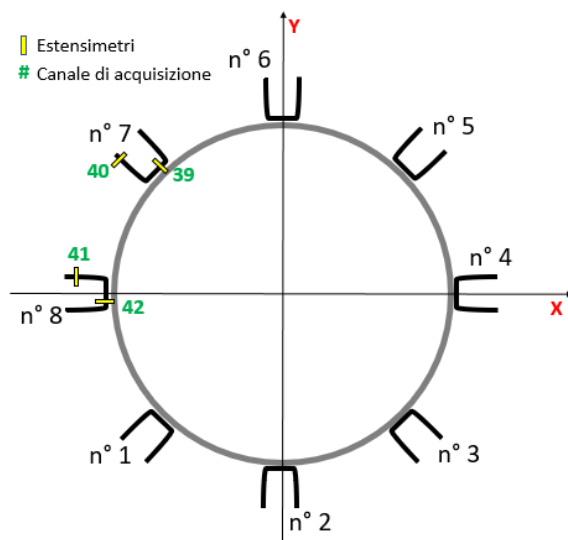
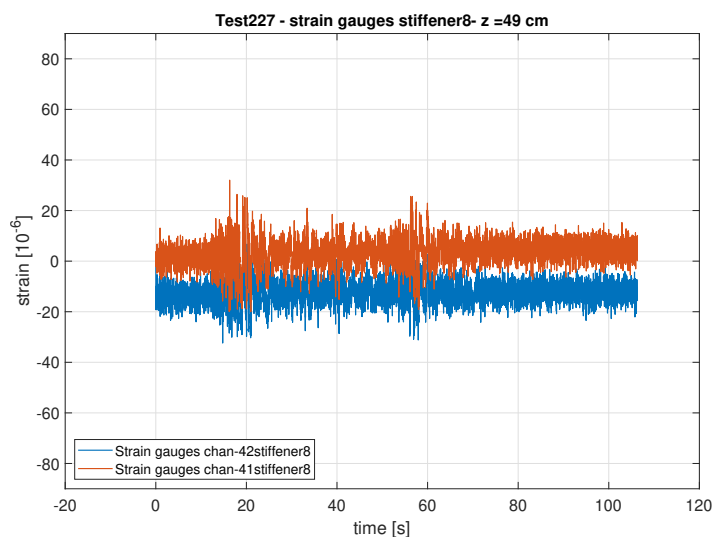
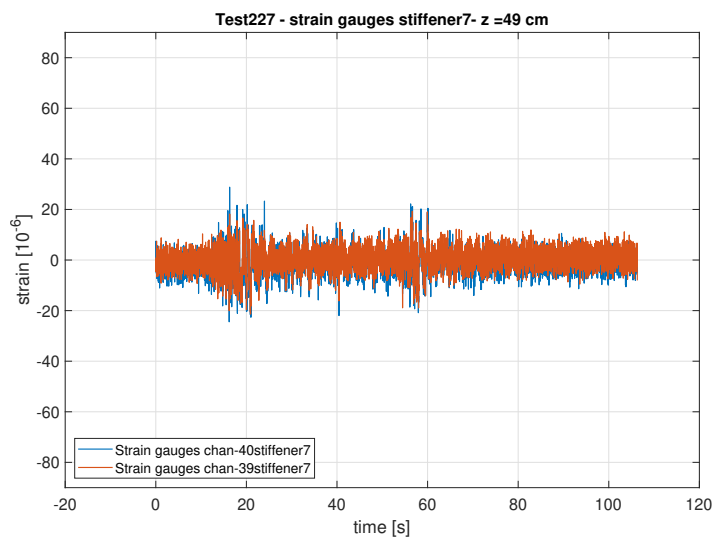


- RS1 0.1 g

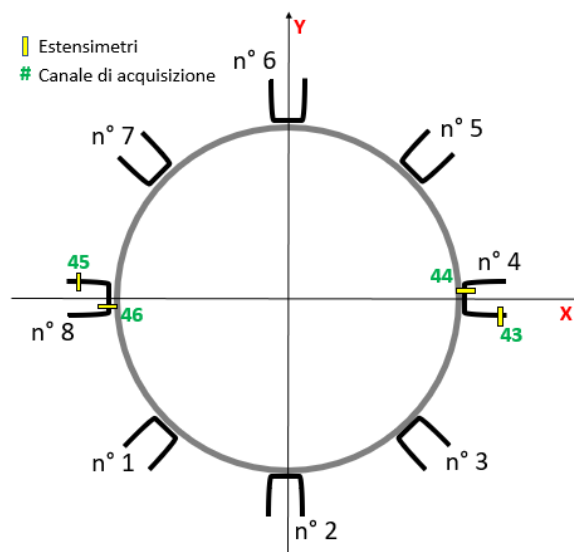
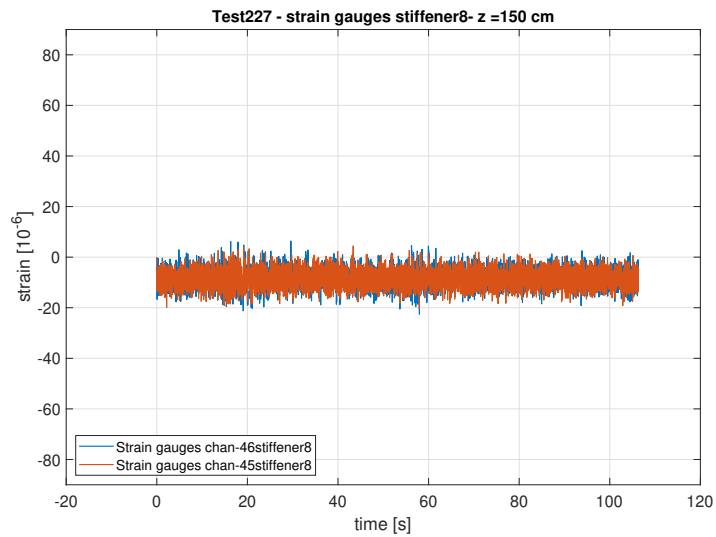
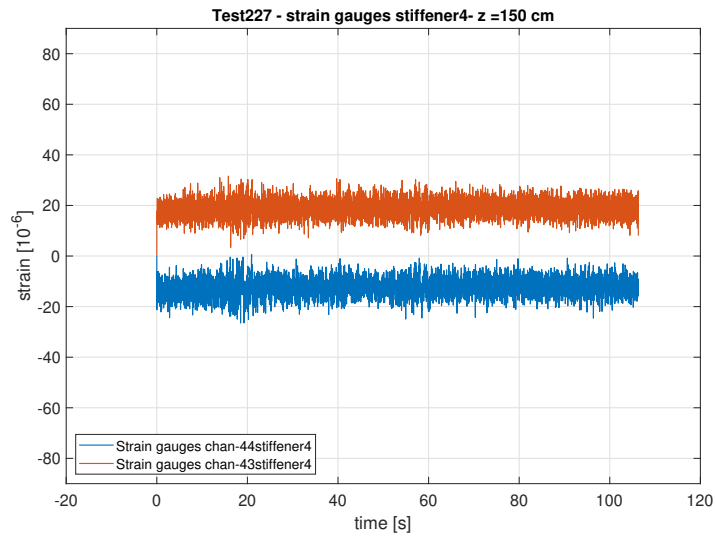
Quota z = 42 cm



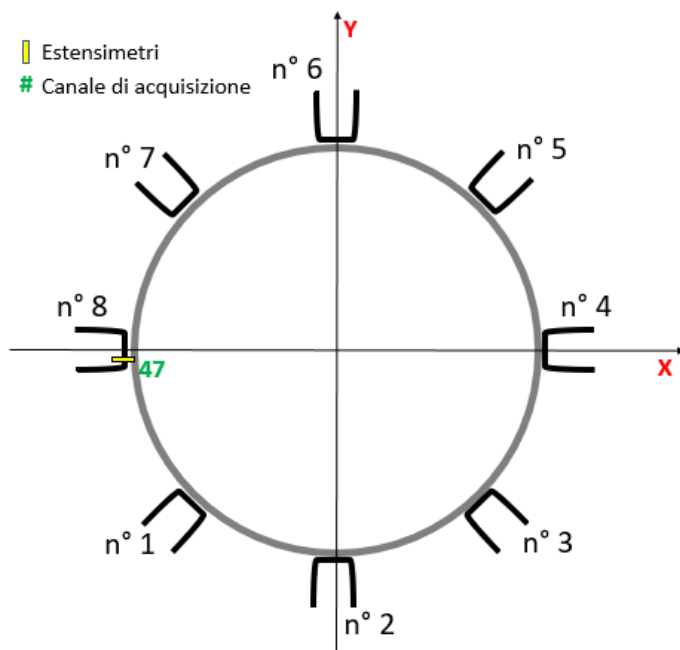
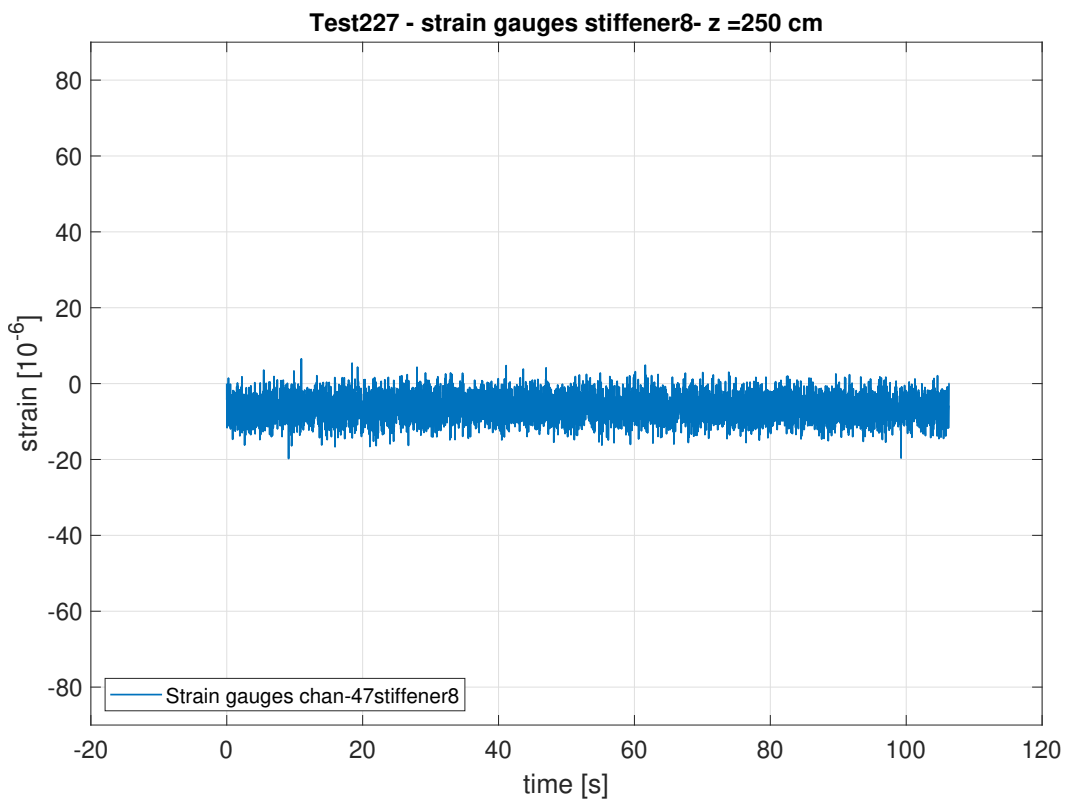
Quota z = 49 cm



Quota z = 150 cm

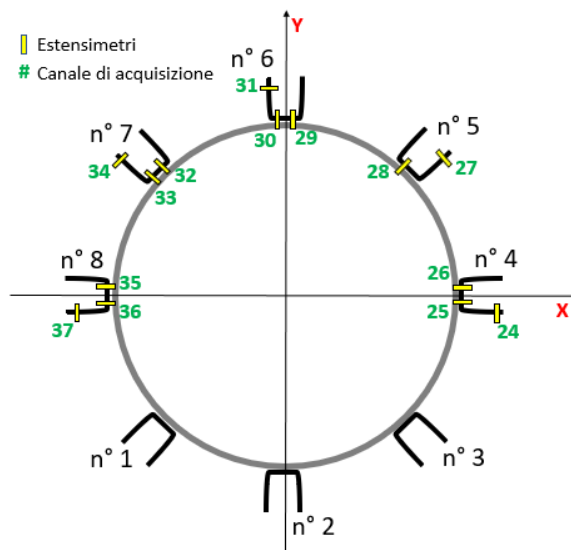
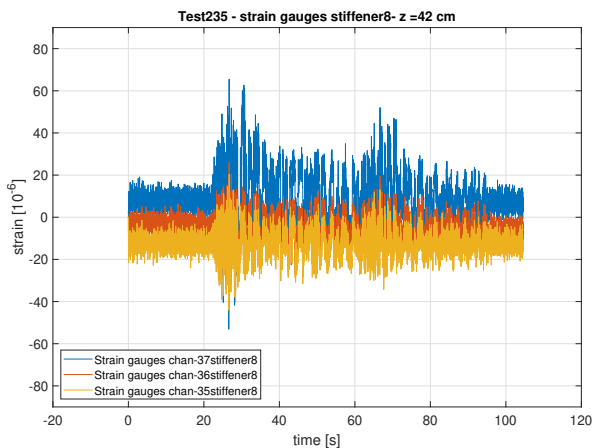
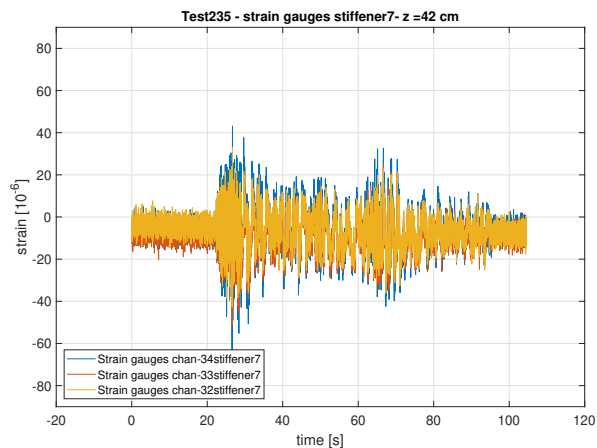
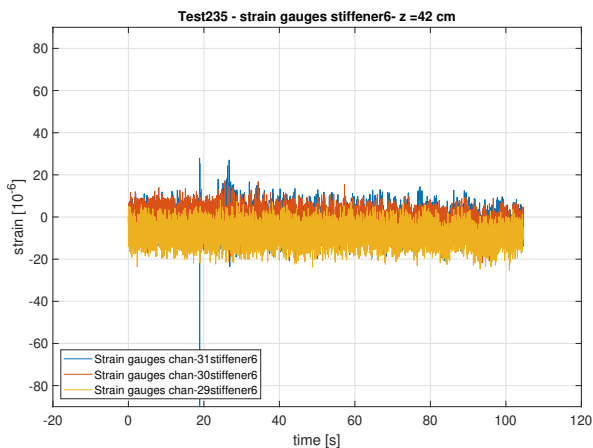
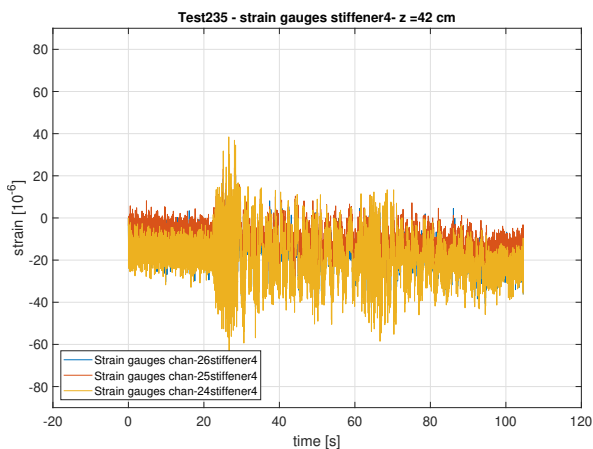


Quota z = 250 cm

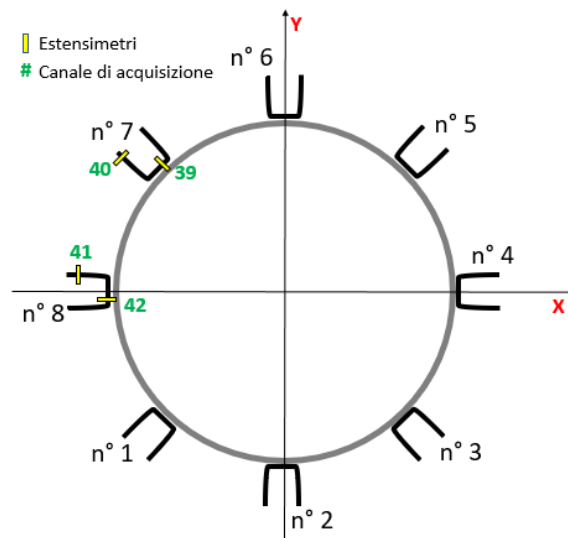
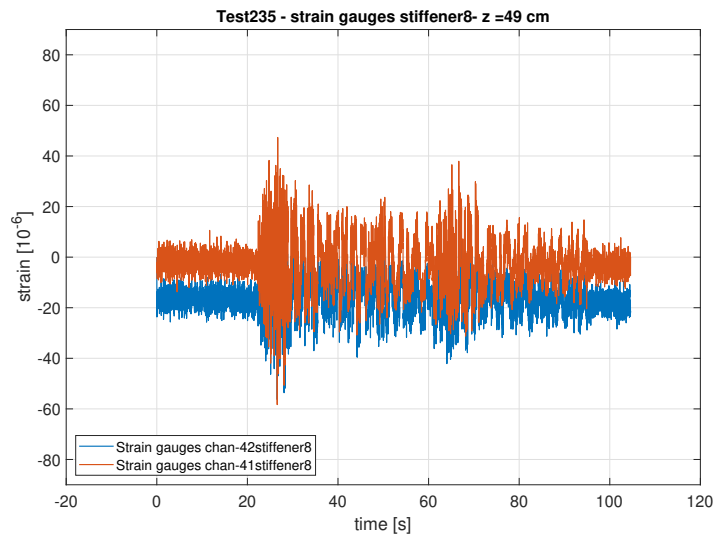
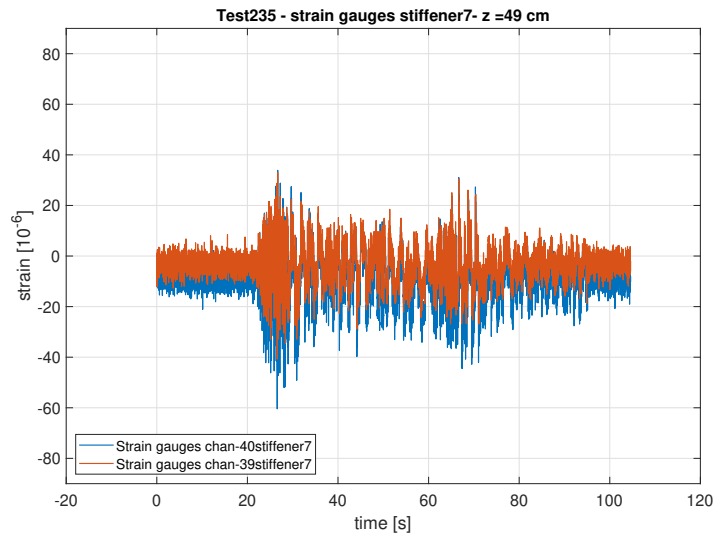


- RS1 0.3 g

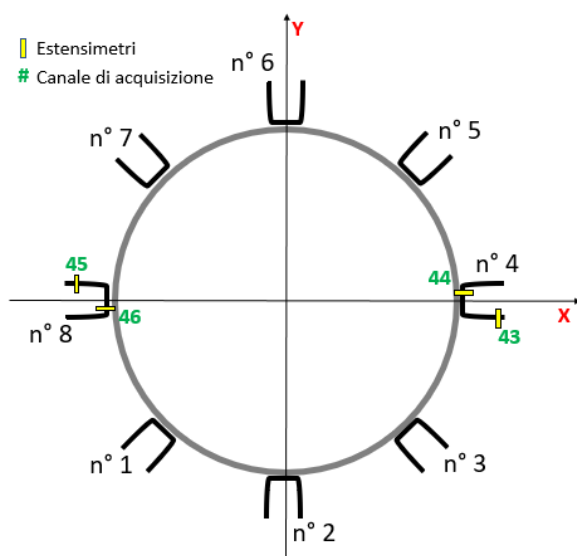
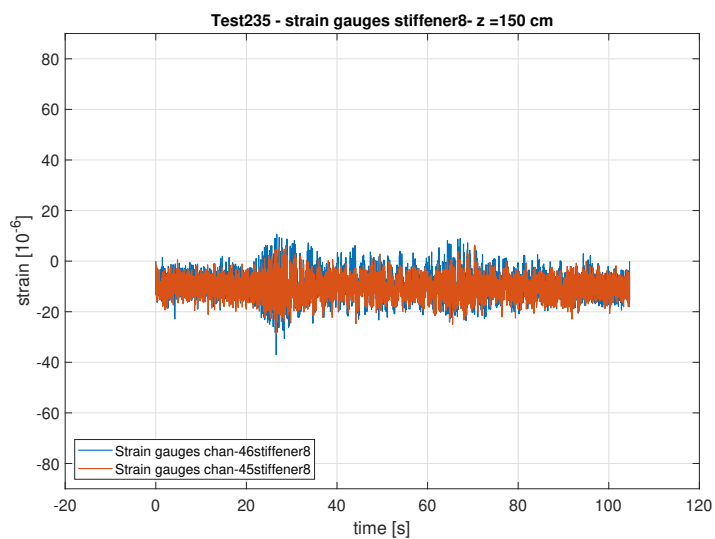
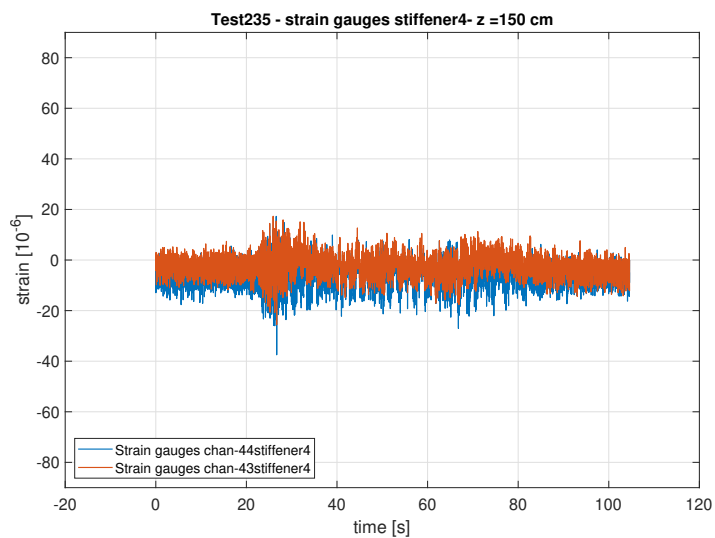
Quota z = 42 cm



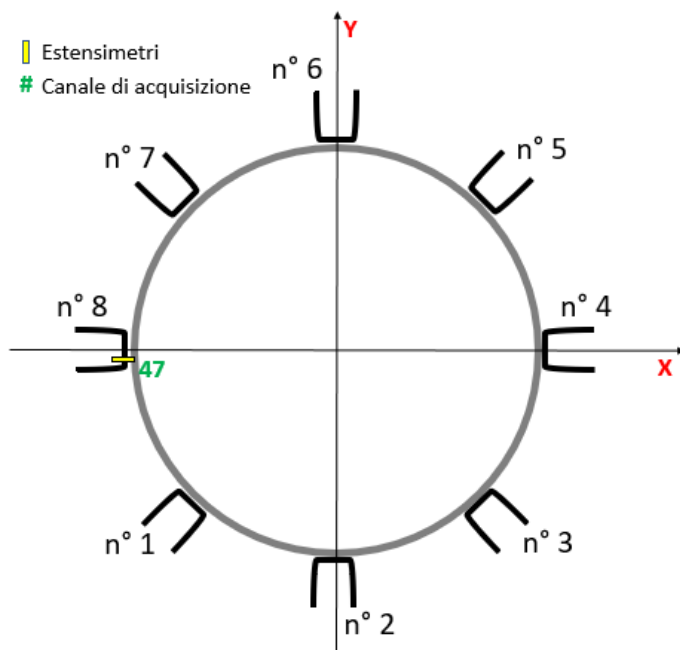
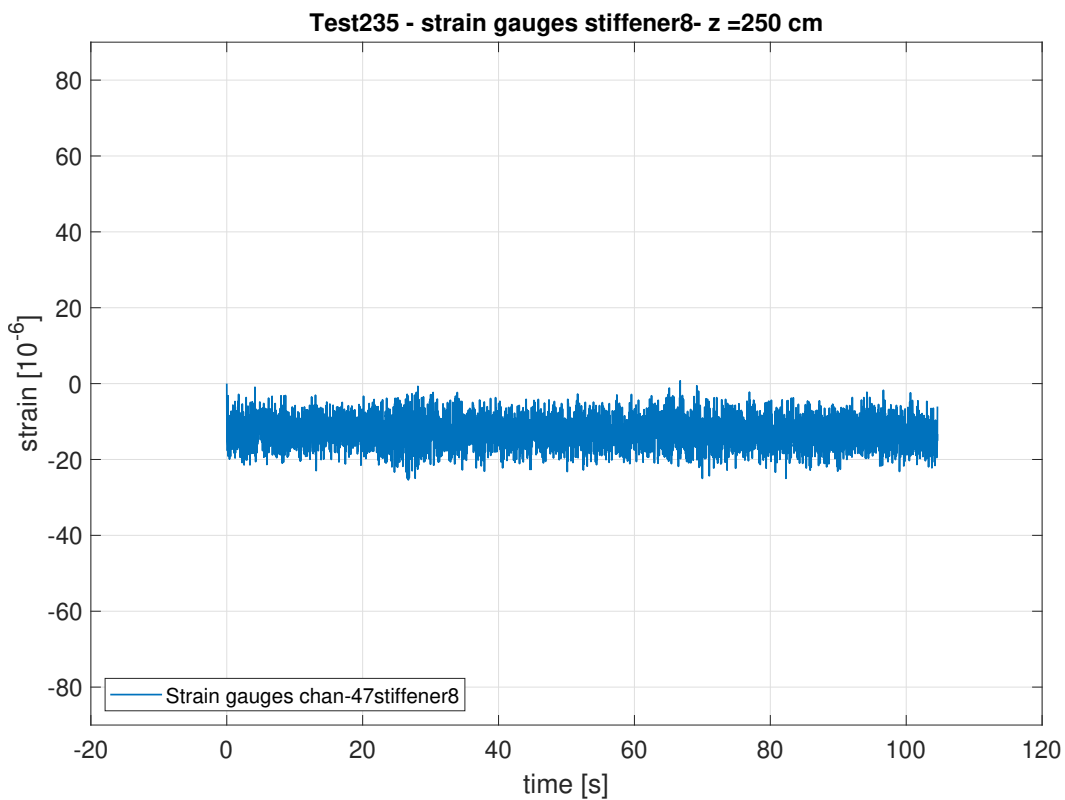
Quota z = 49 cm



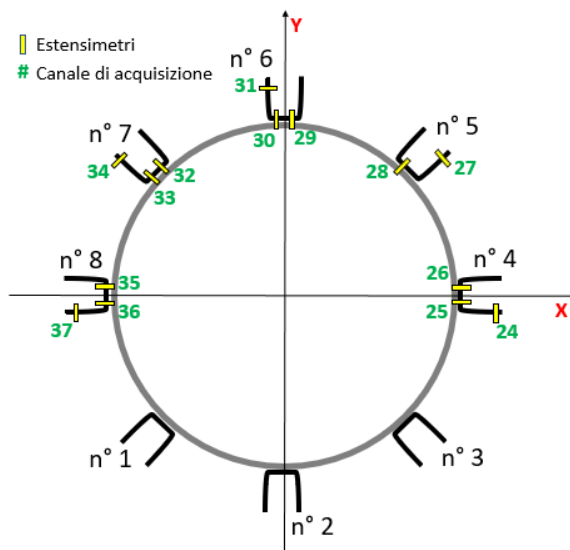
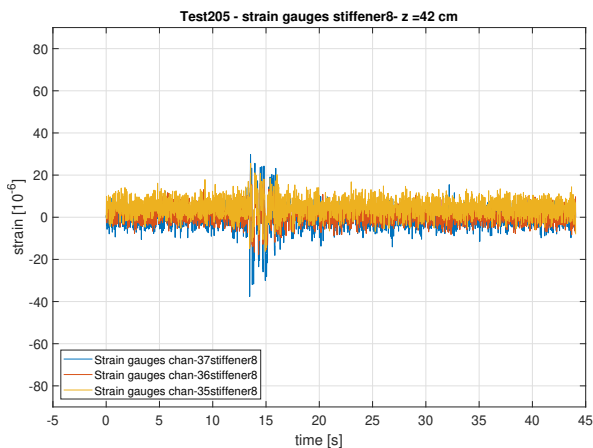
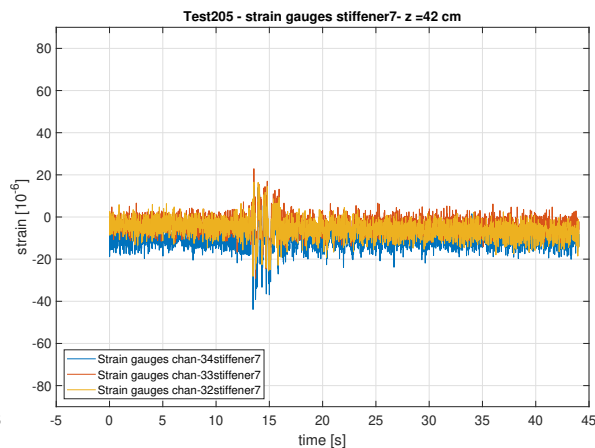
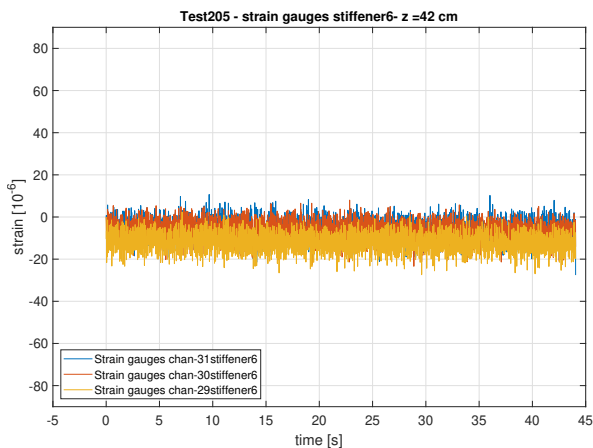
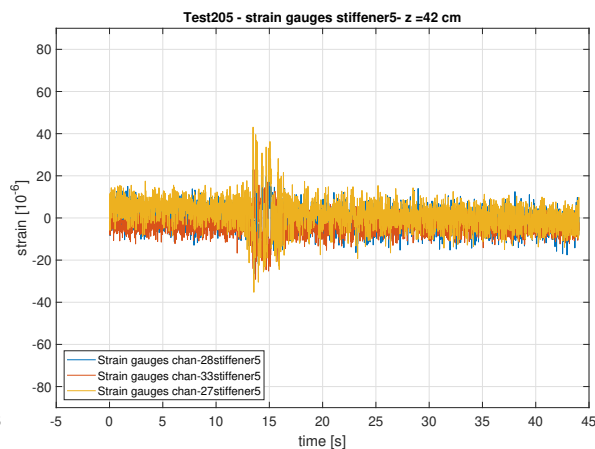
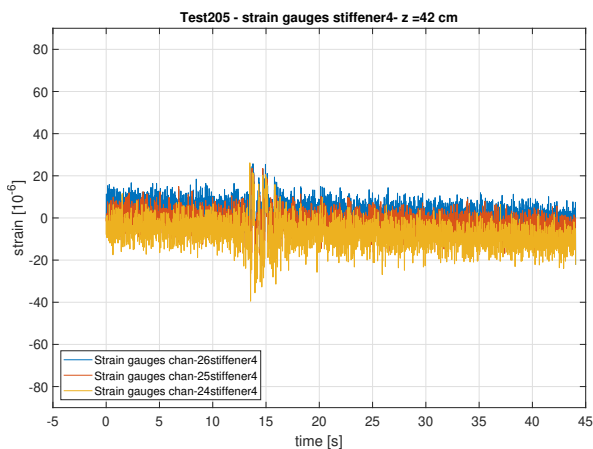
Quota z = 150 cm



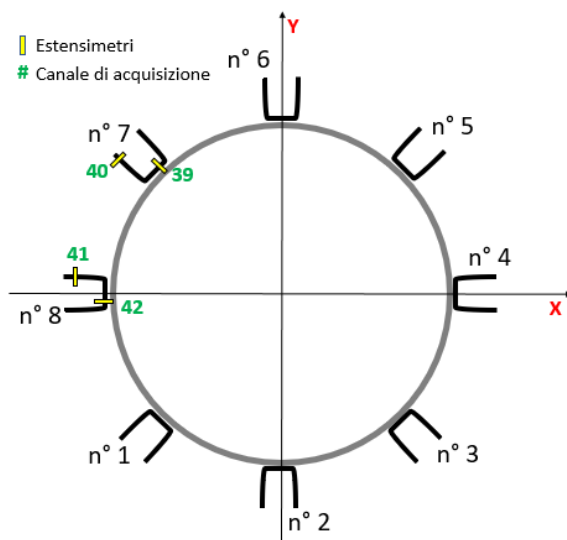
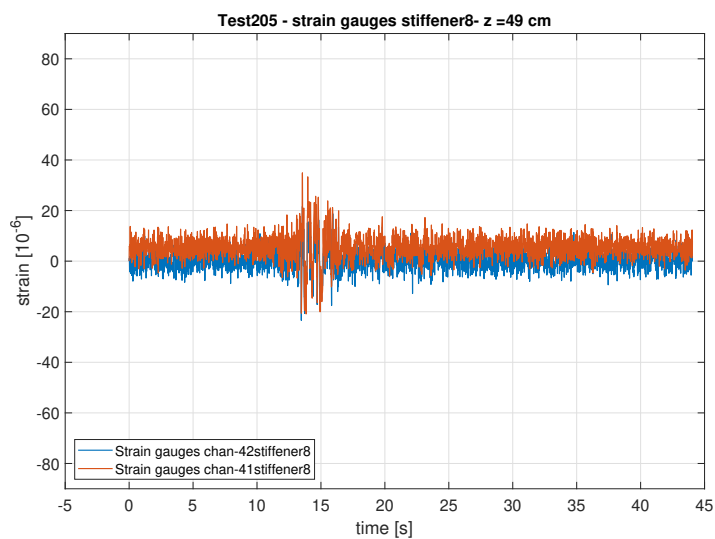
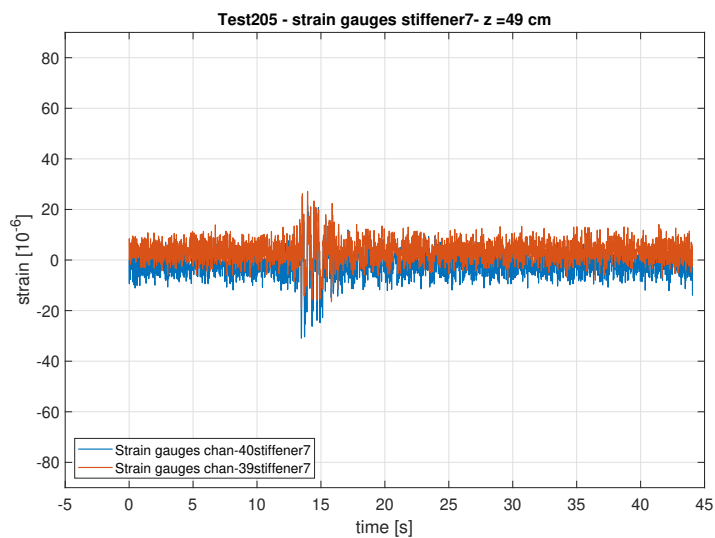
Quota z = 250 cm



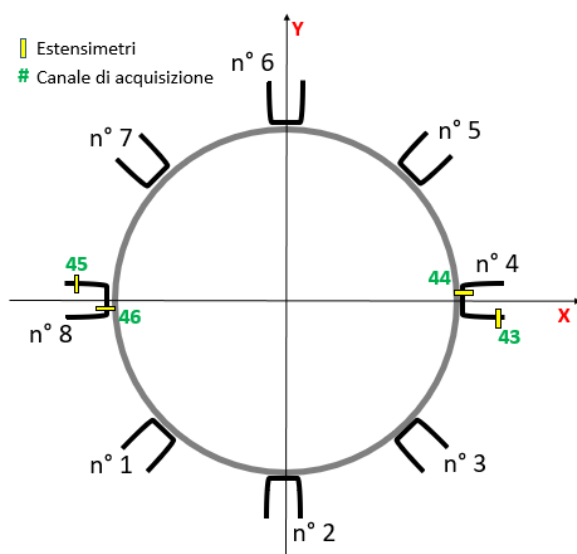
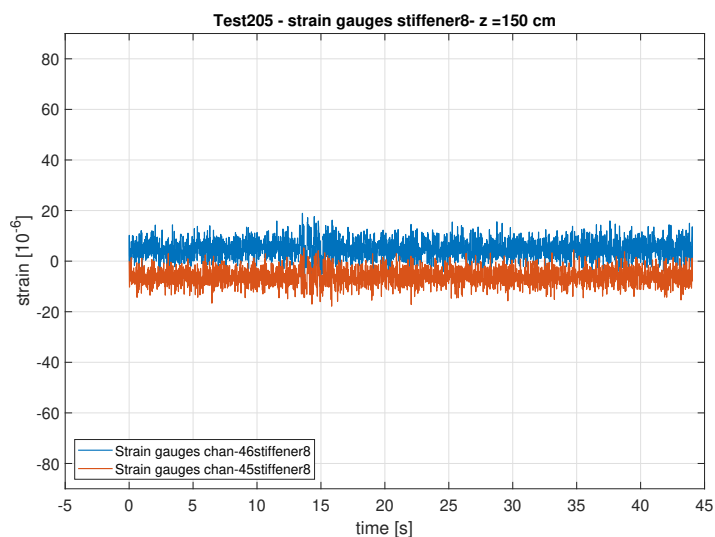
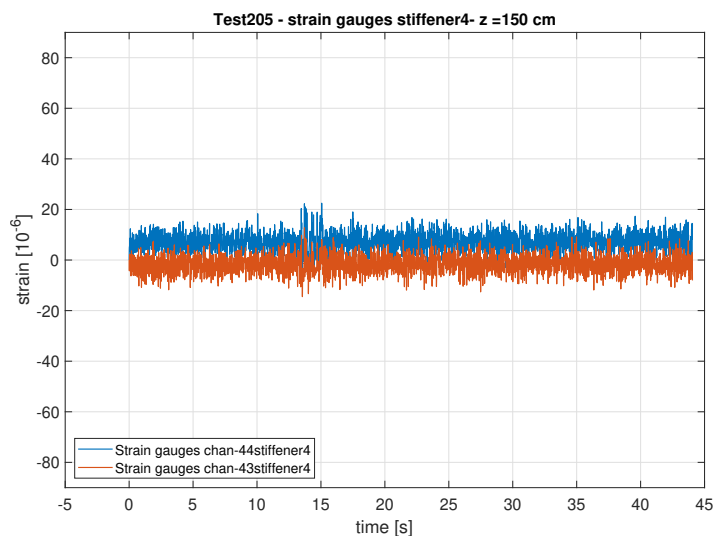
- RS₃ 0.1 g
- Quota z = 42 cm

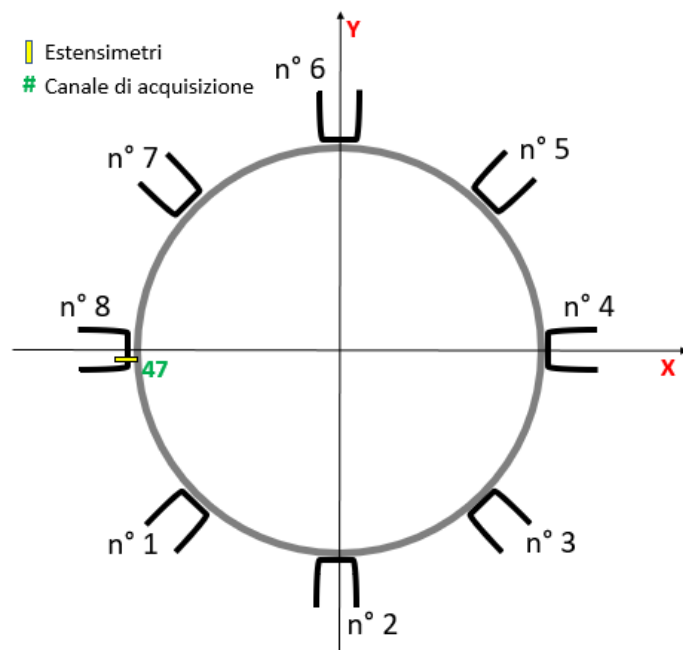
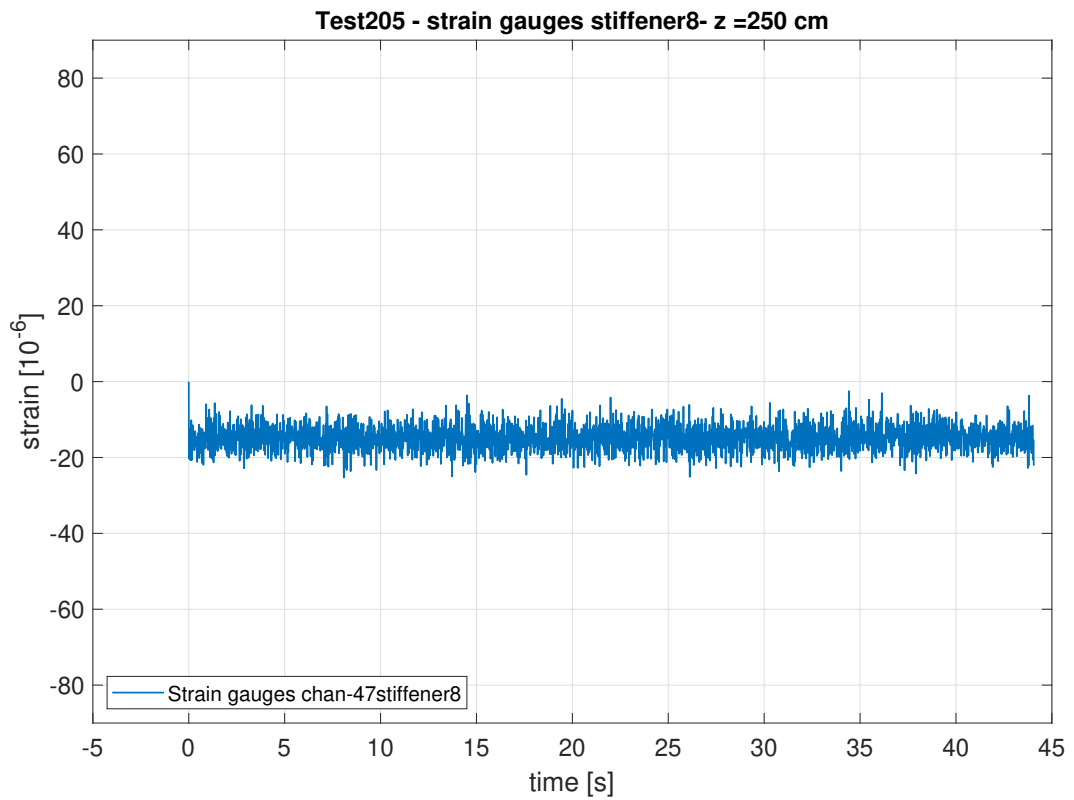


Quota z = 49 cm



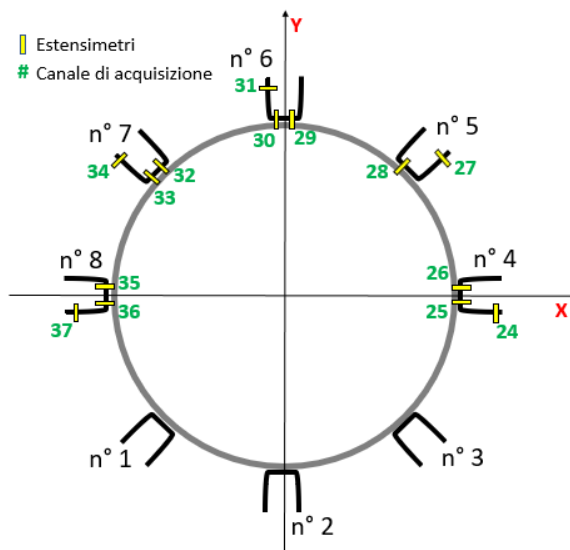
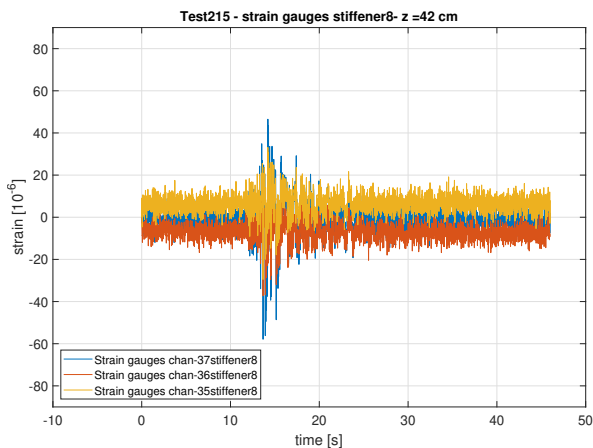
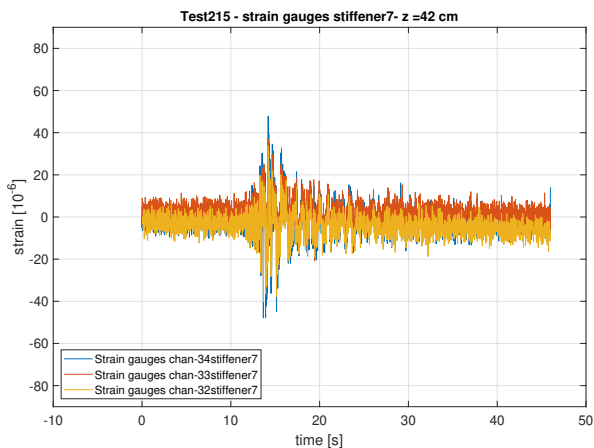
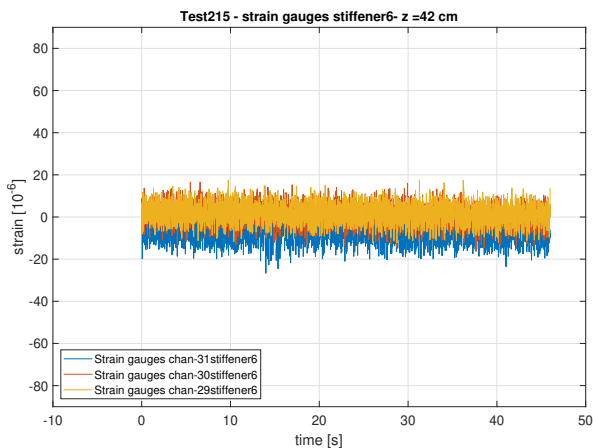
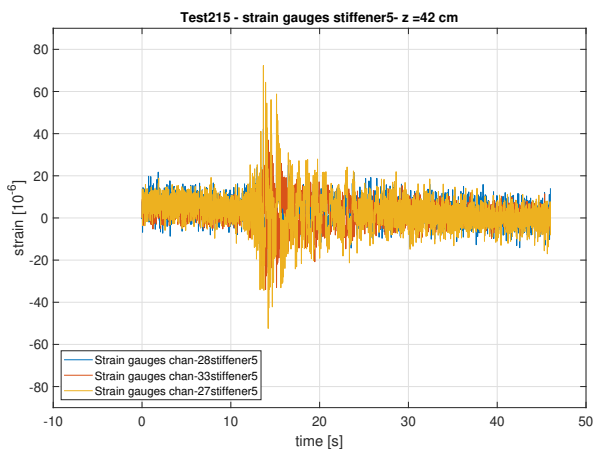
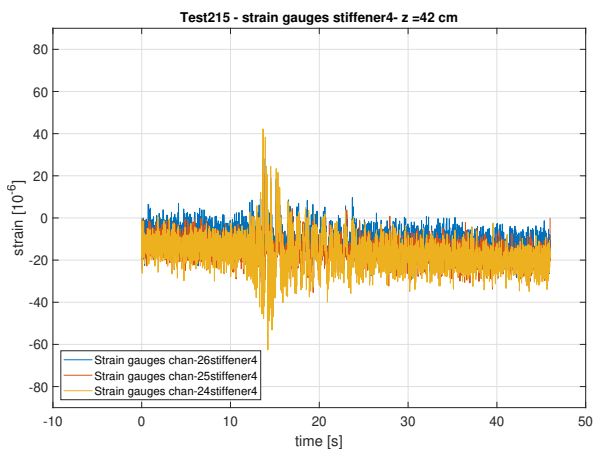
Quota z = 150 cm



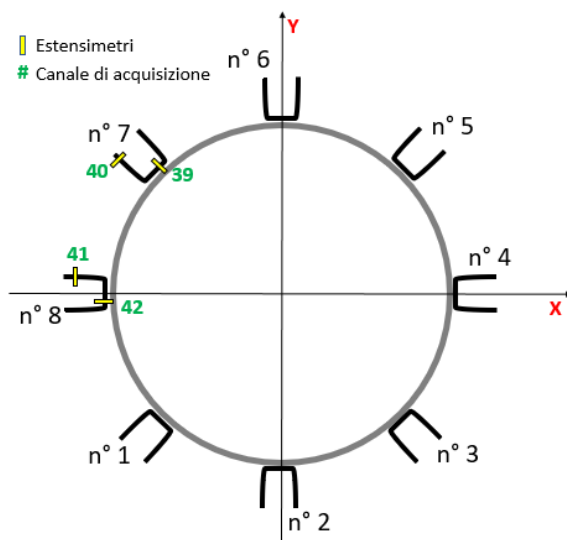
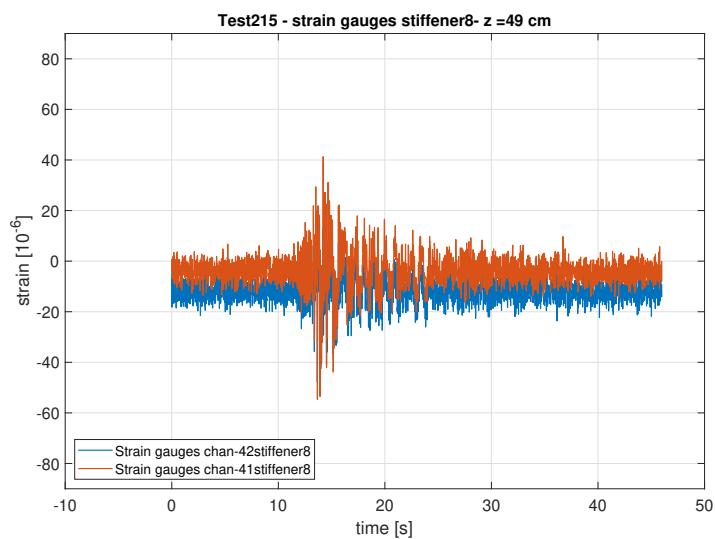
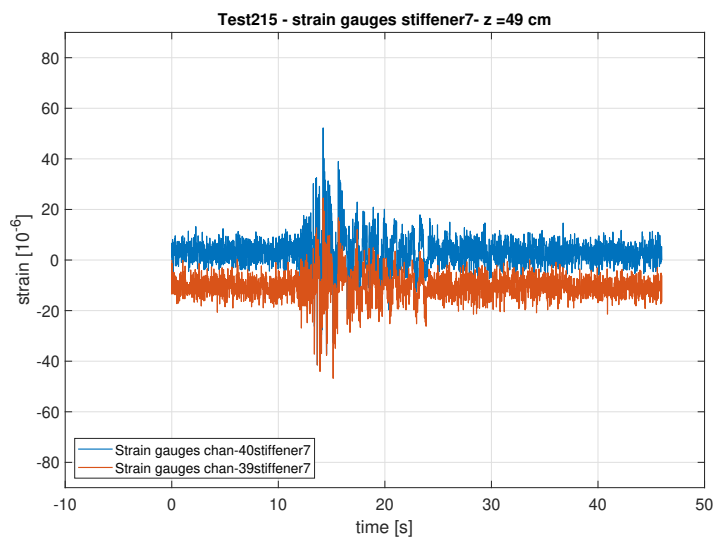
Quota z = 250 cm

• RS₃ 0.3 g

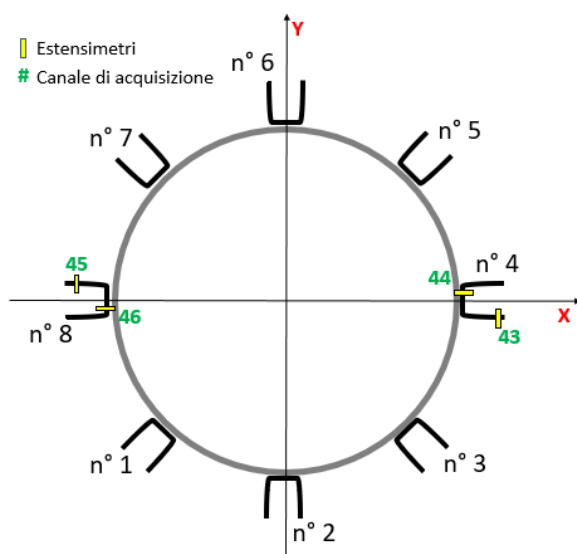
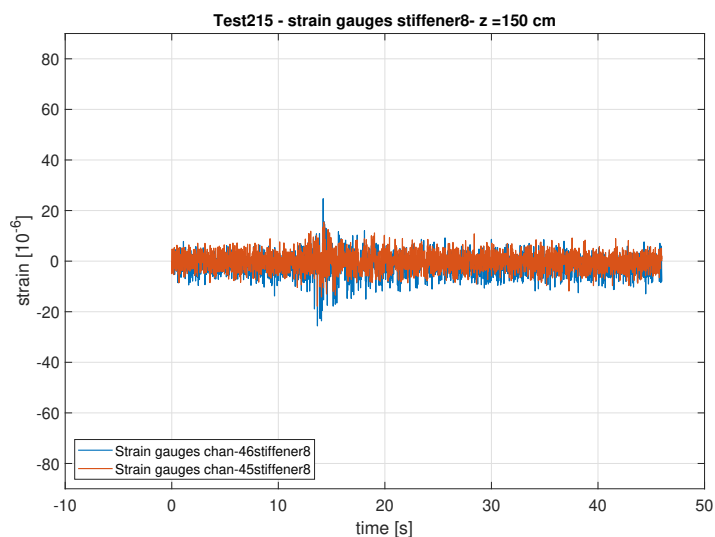
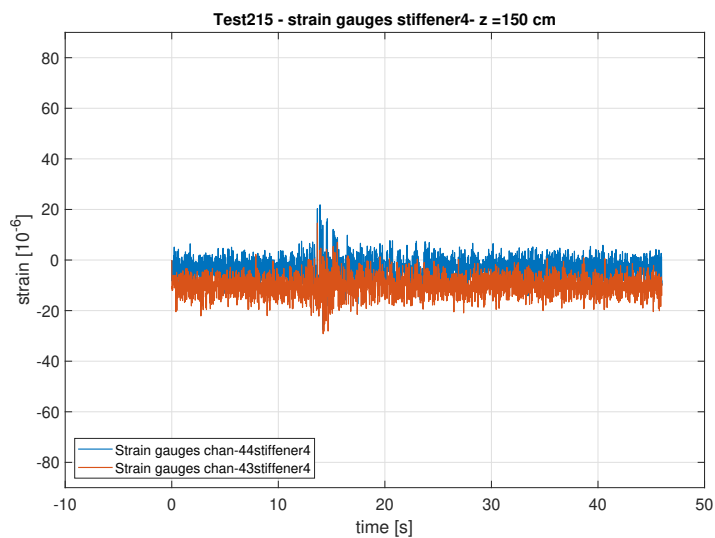
Quota z = 42 cm

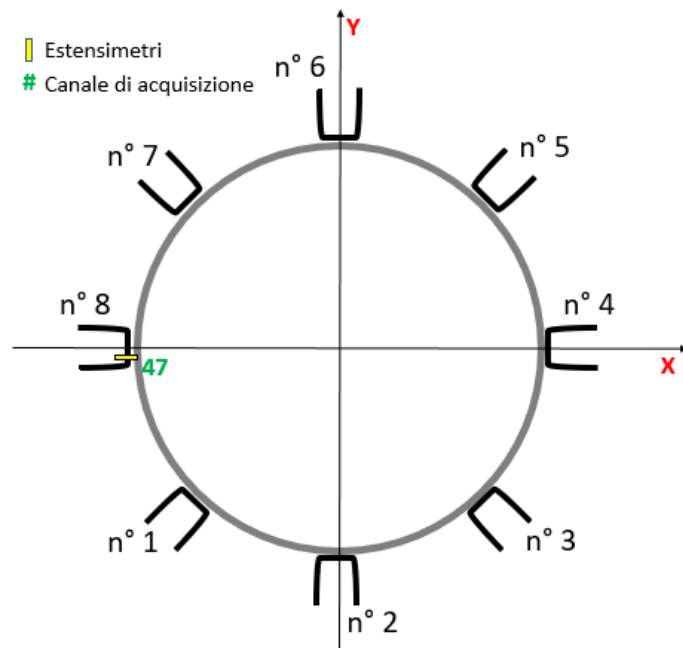
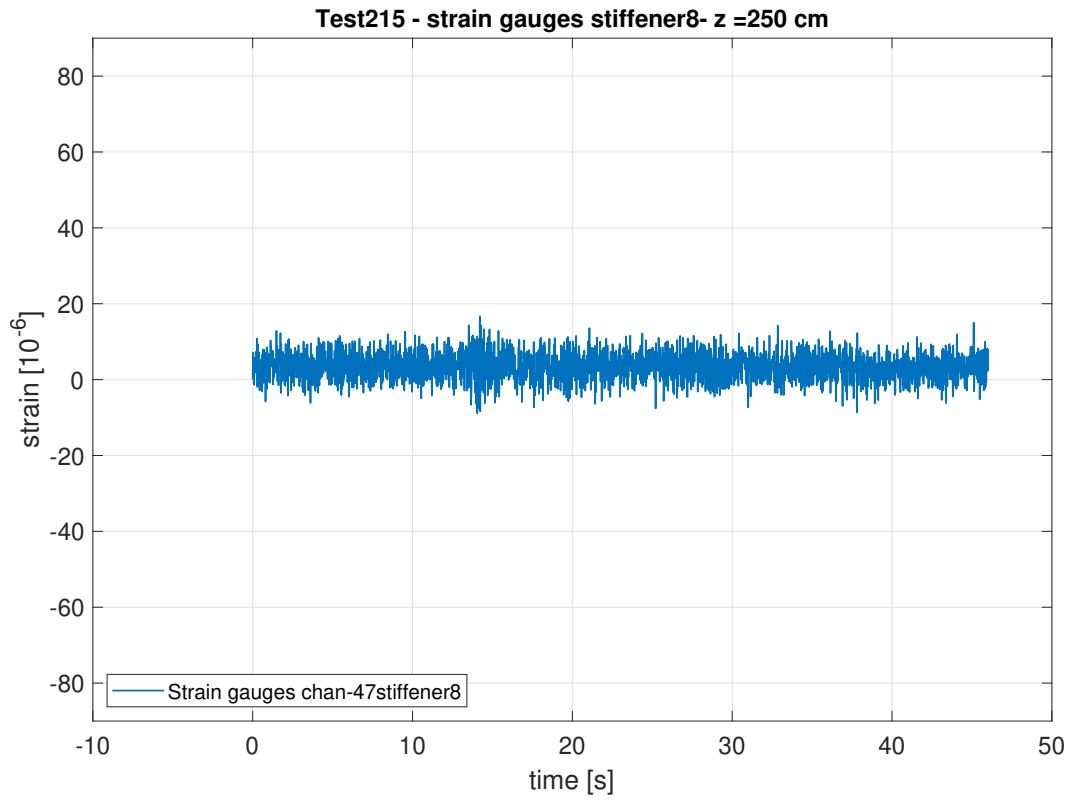


Quota z = 49 cm



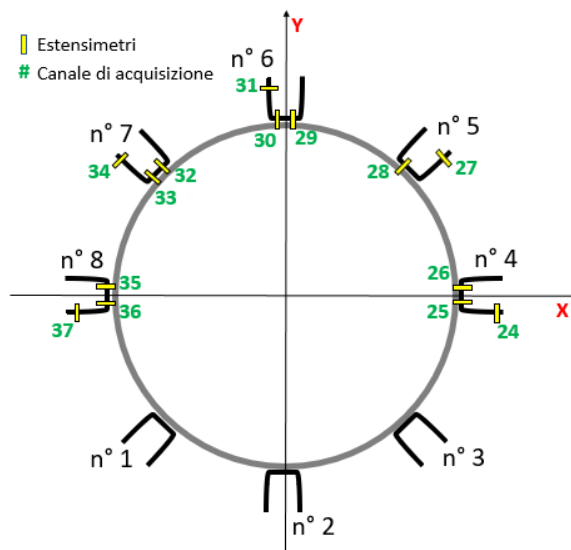
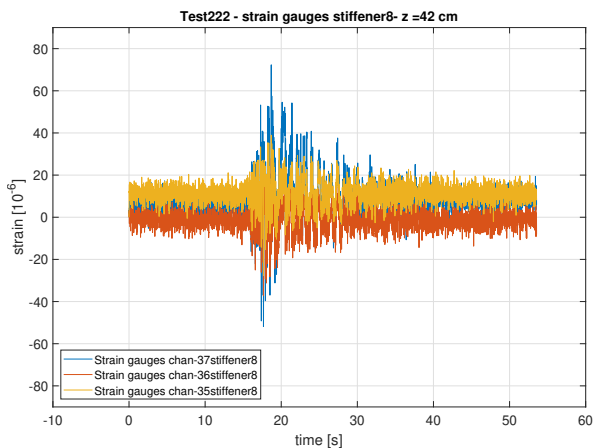
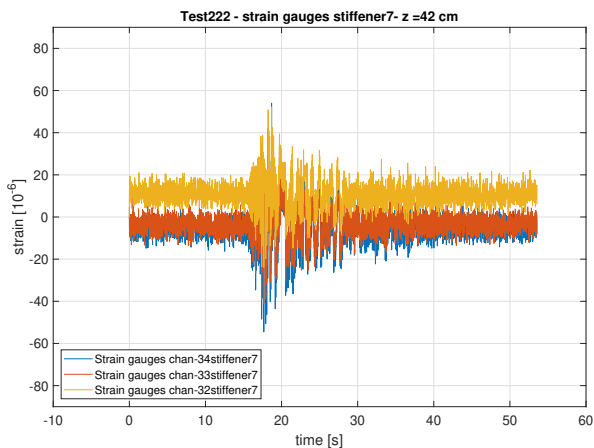
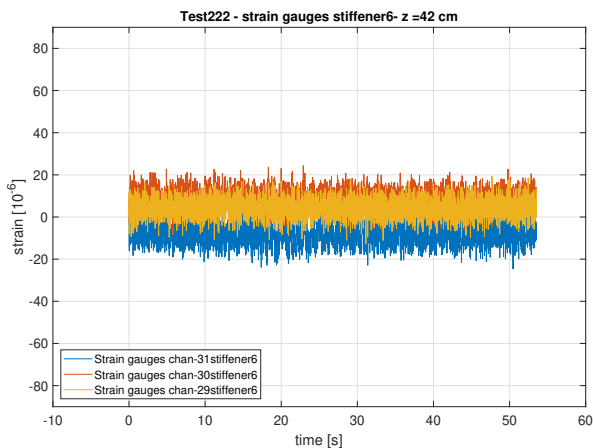
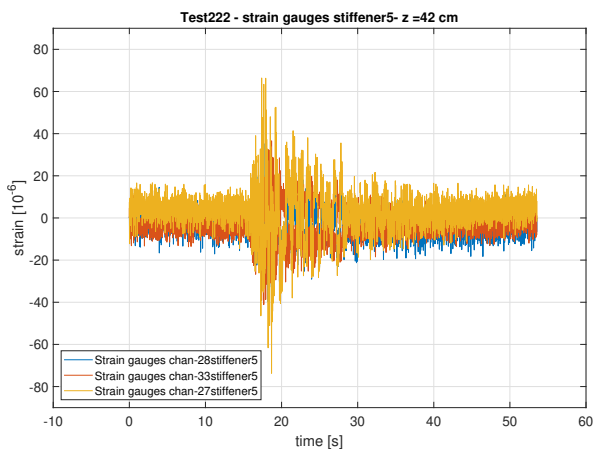
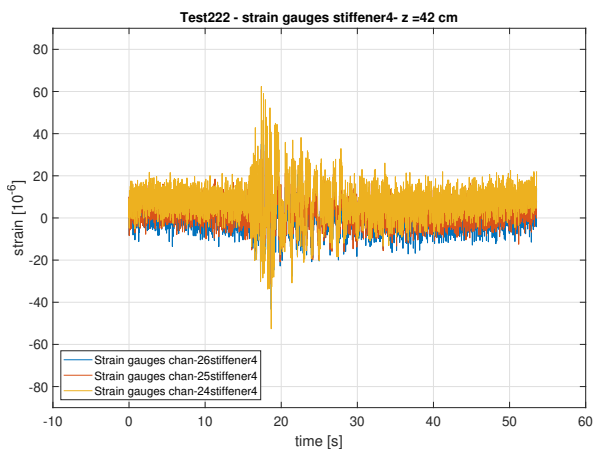
Quota z = 150 cm



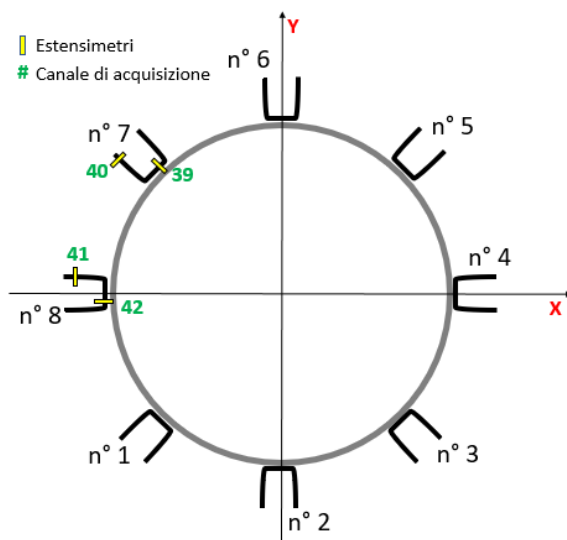
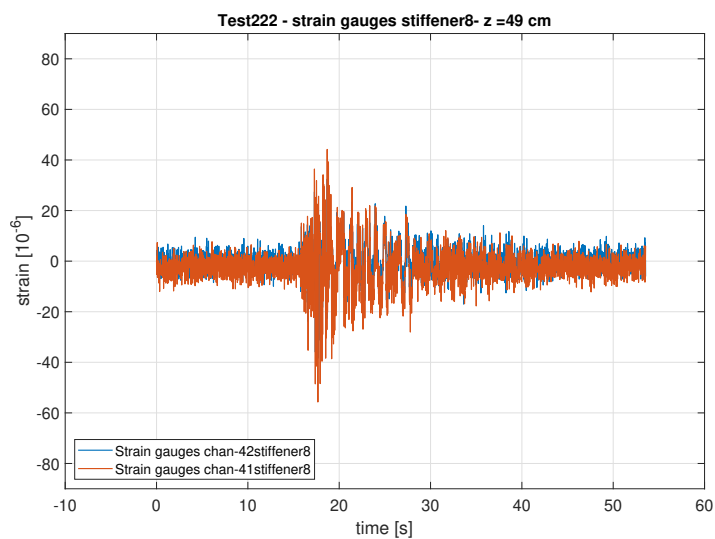
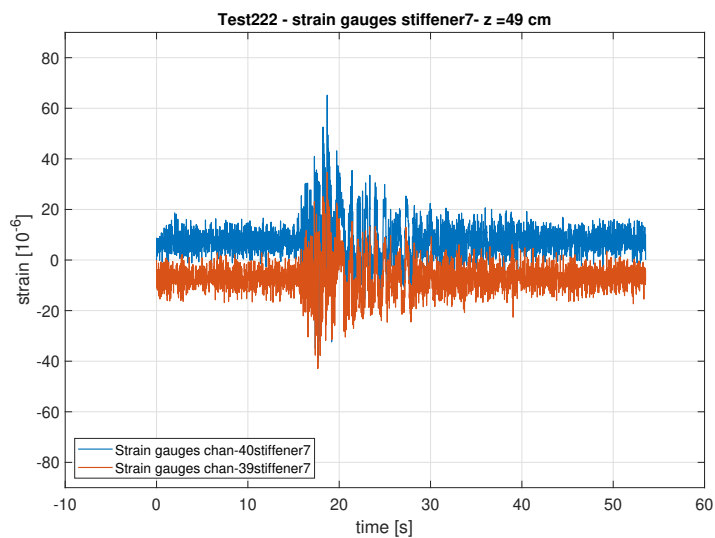
Quota z = 250 cm

• RS₃ 0.5 g

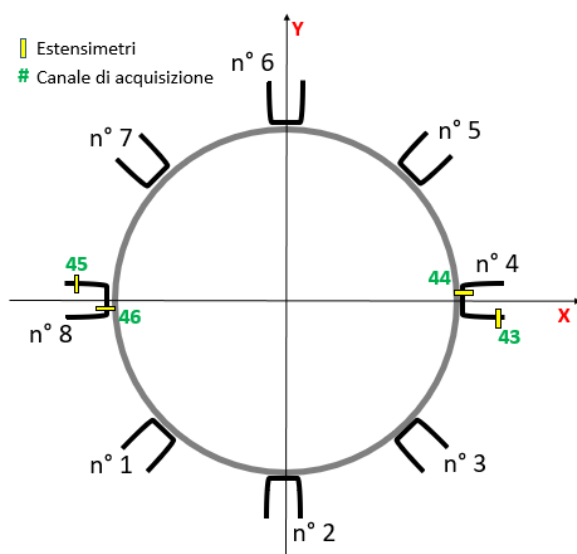
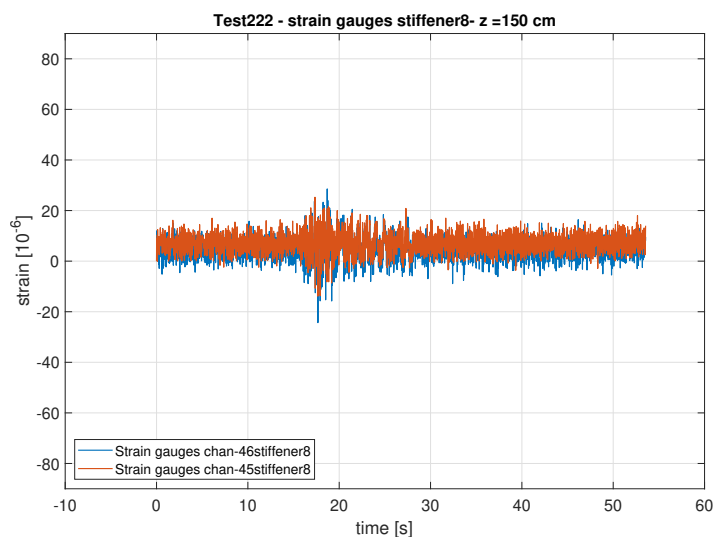
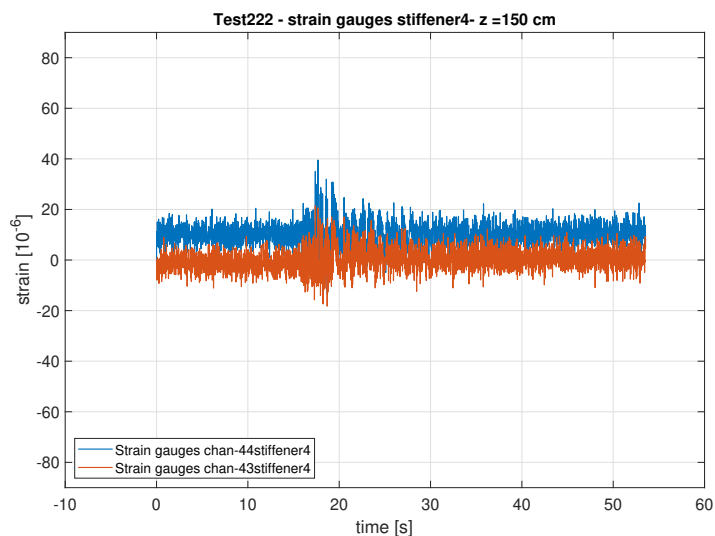
Quota z = 42 cm



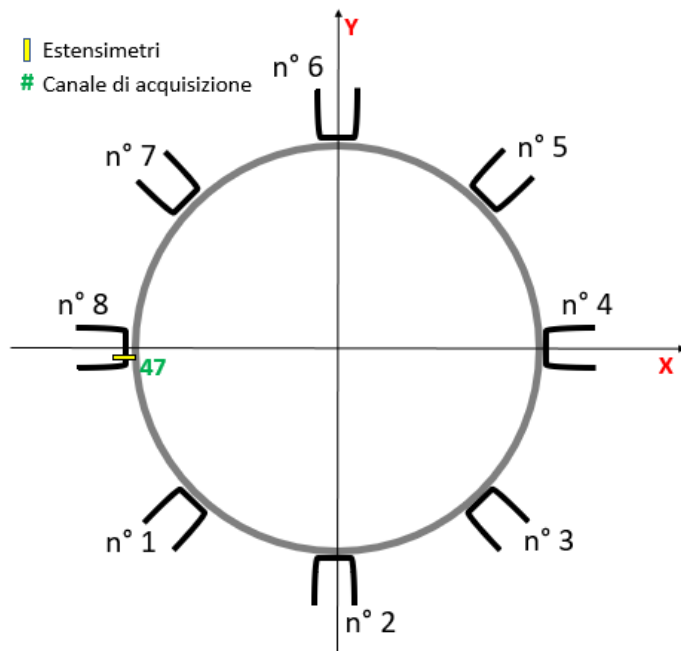
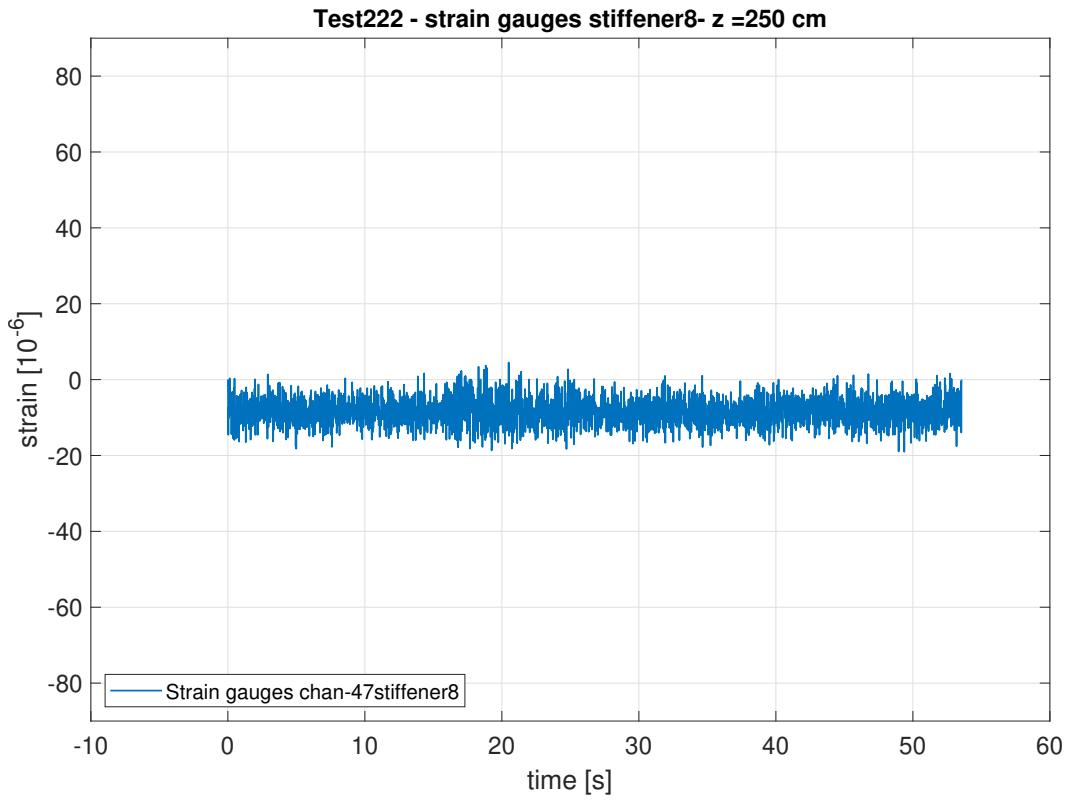
Quota z = 49 cm



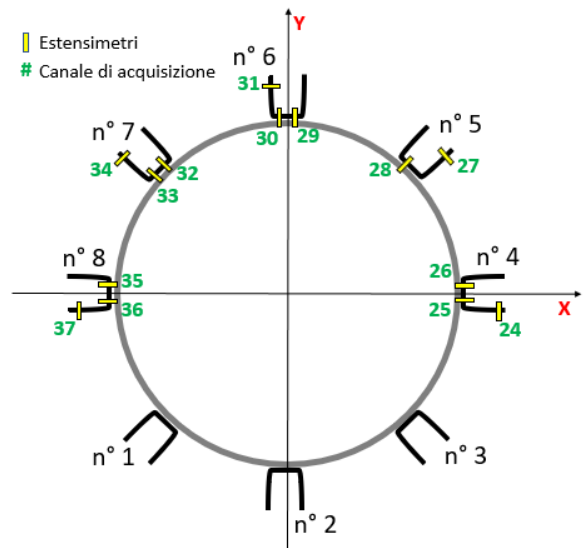
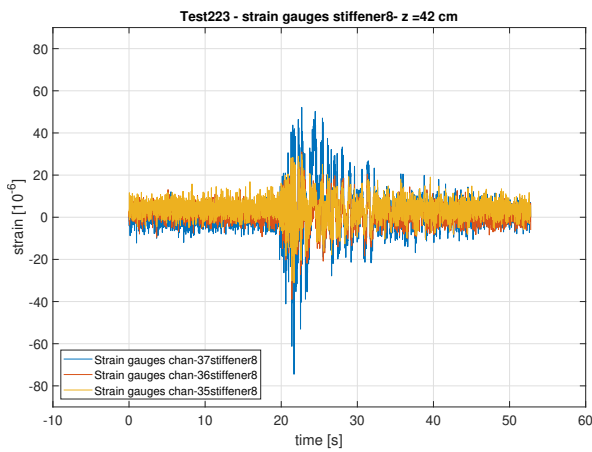
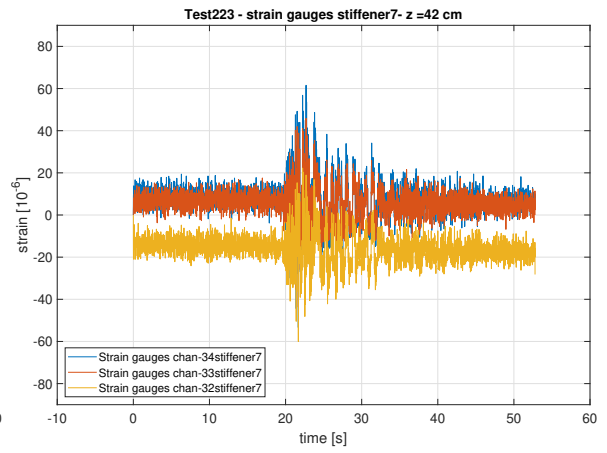
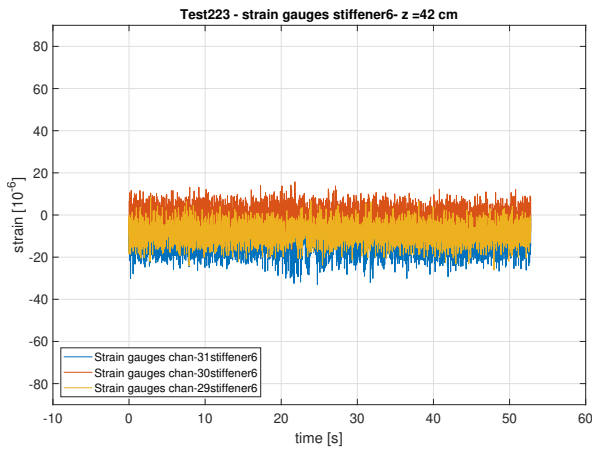
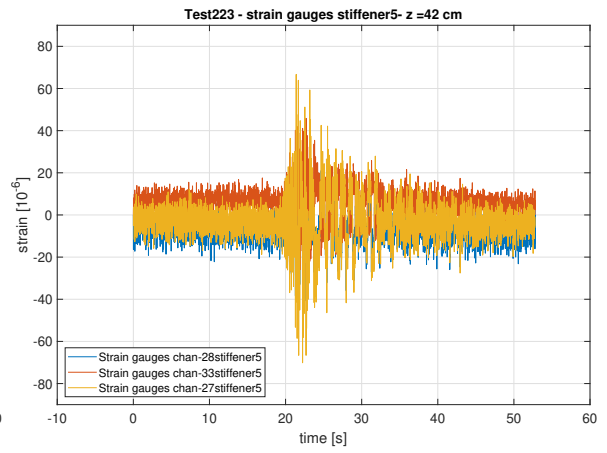
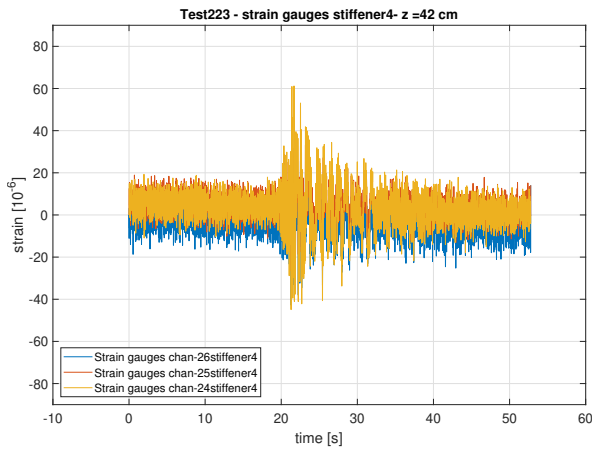
Quota z = 150 cm



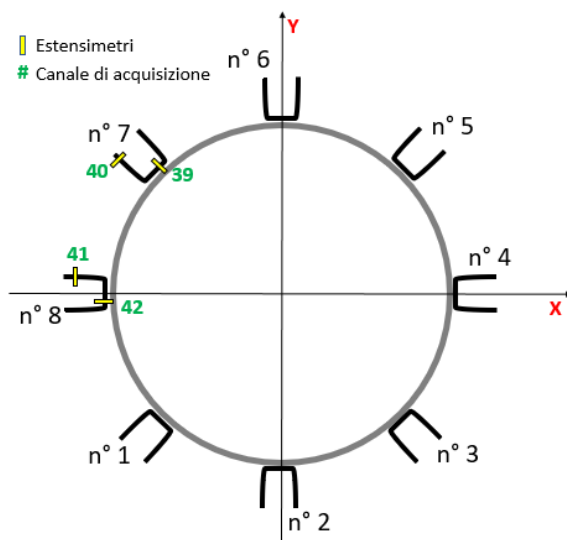
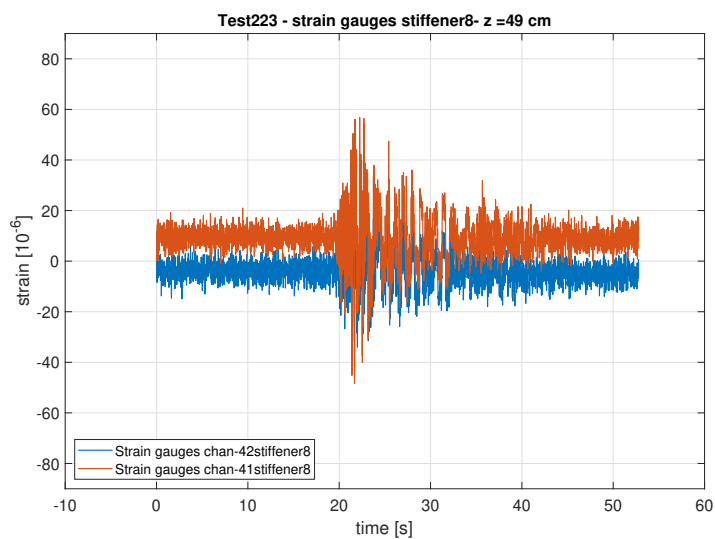
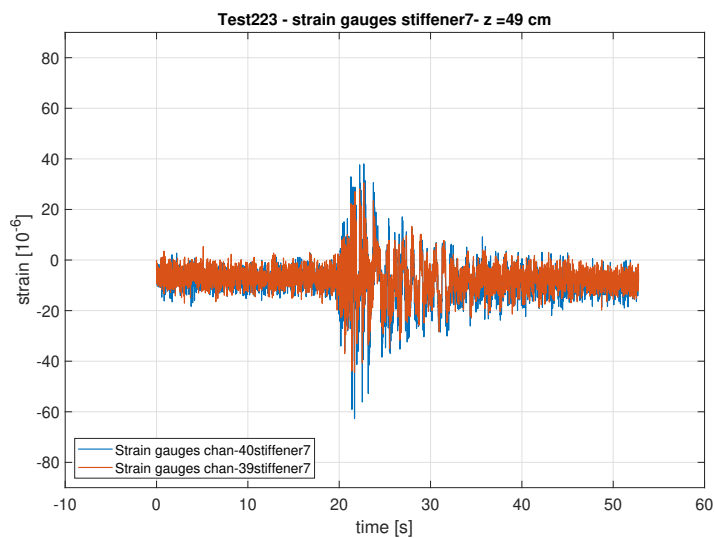
Quota z = 250 cm



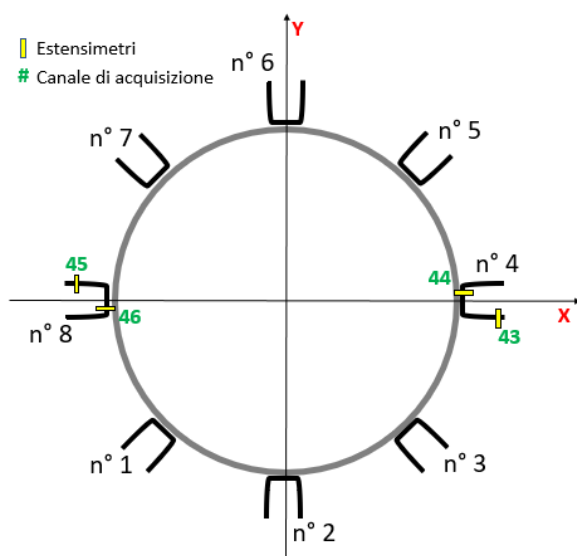
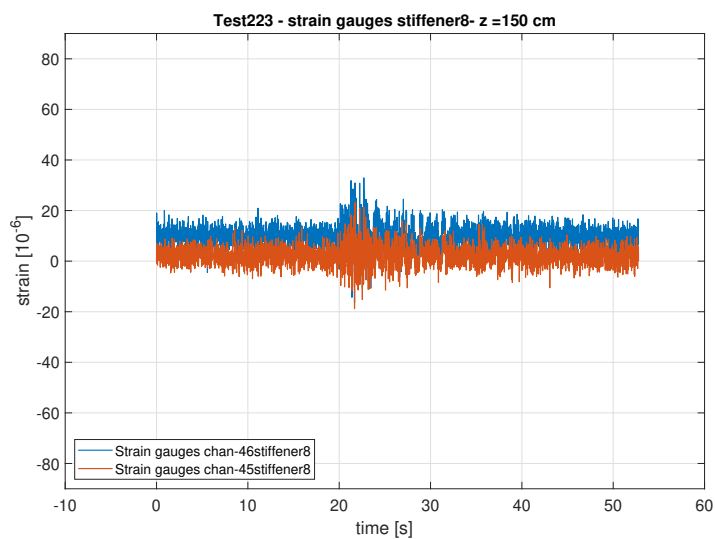
- RS3 0.55 g
- Quota z = 42 cm



Quota z = 49 cm



Quota z = 150 cm



Quota z = 250 cm

