

*Agreement INGV-DPC 2007-2009*

## **Project S4: ITALIAN STRONG MOTION DATA BASE**

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and Roberto Paolucci, Politecnico Milano*

*<http://esse4.mi.ingv.it>*

**Preliminary analyses of the noise recording  
performed on 158 sites of the RAN**

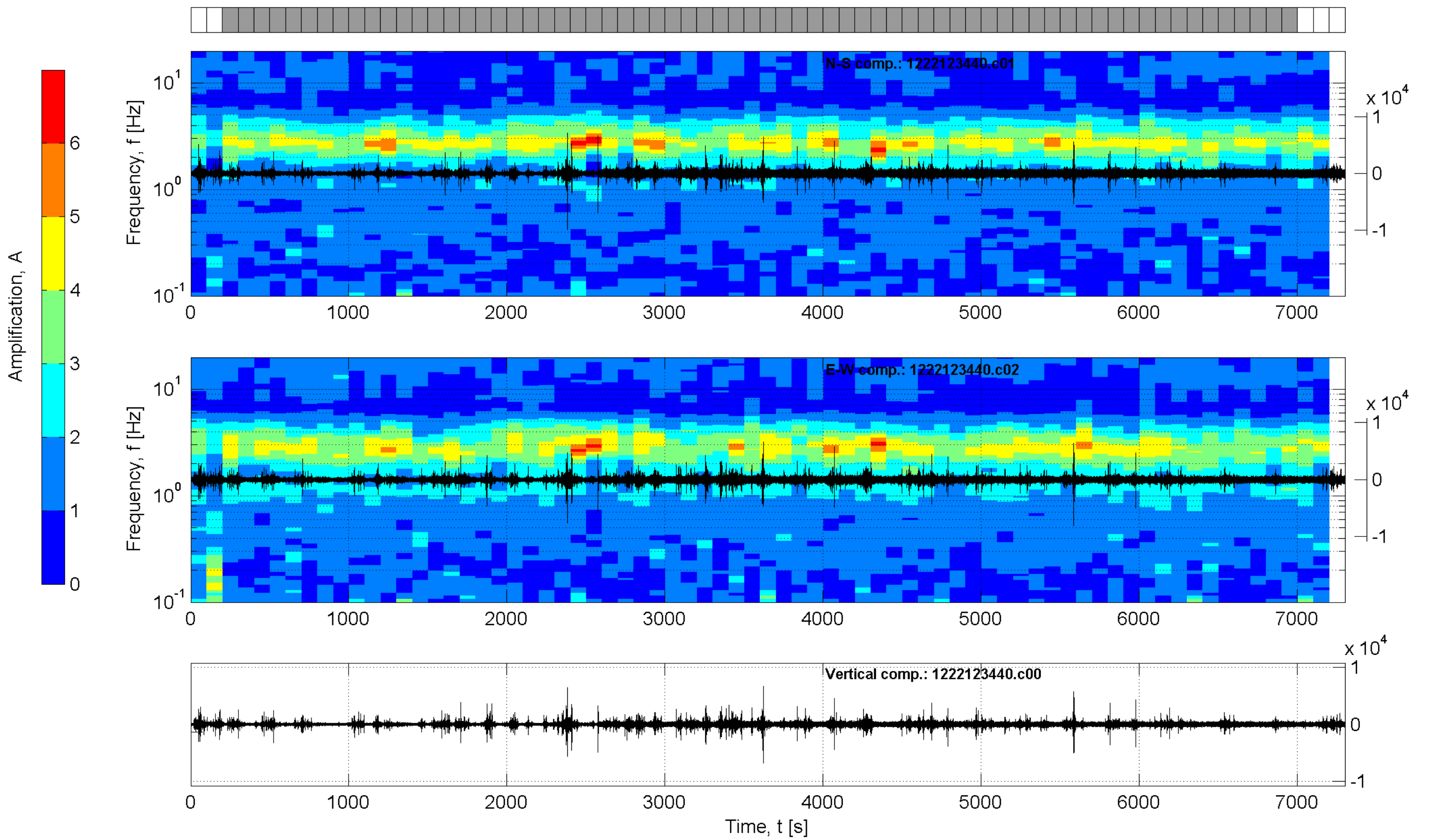
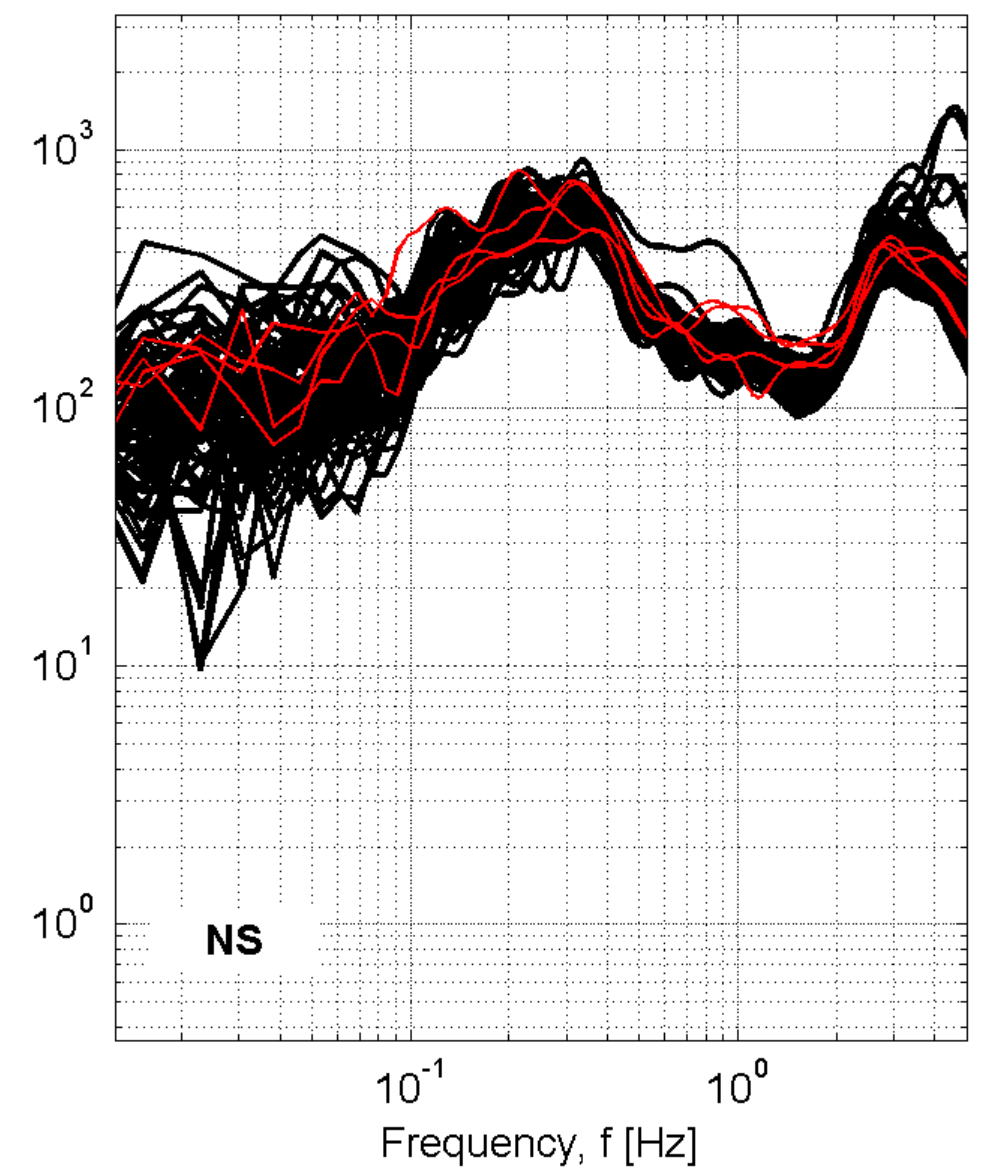
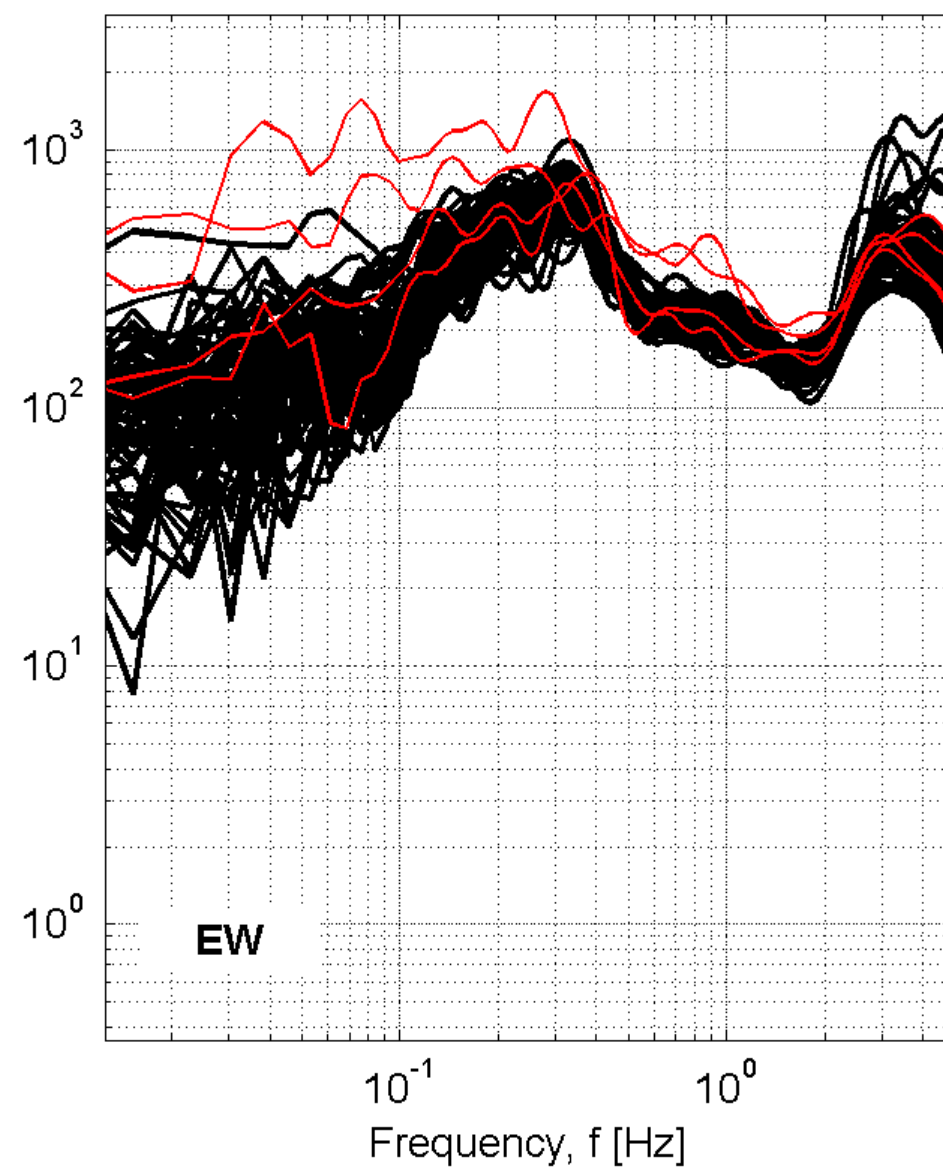
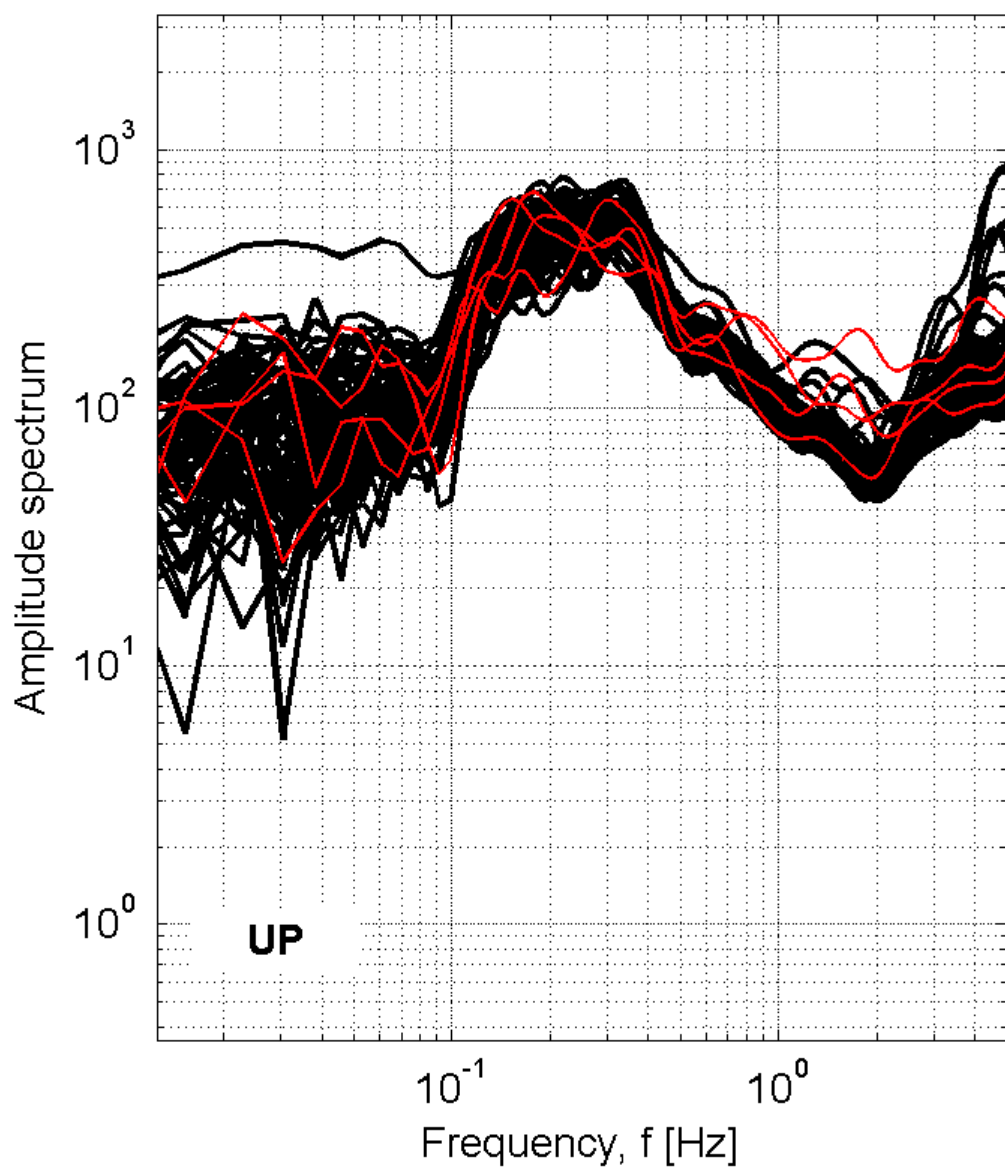
**Sites: PRA – VRP**

*January 2010*

*edited by:*

*UR1 Rodolfo Puglia, Lucia Luzi and Francesca Pacor*

# PRA-Praia a Mare



## Station: PRA-Praia a Mare

Recording duration: 121:40 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

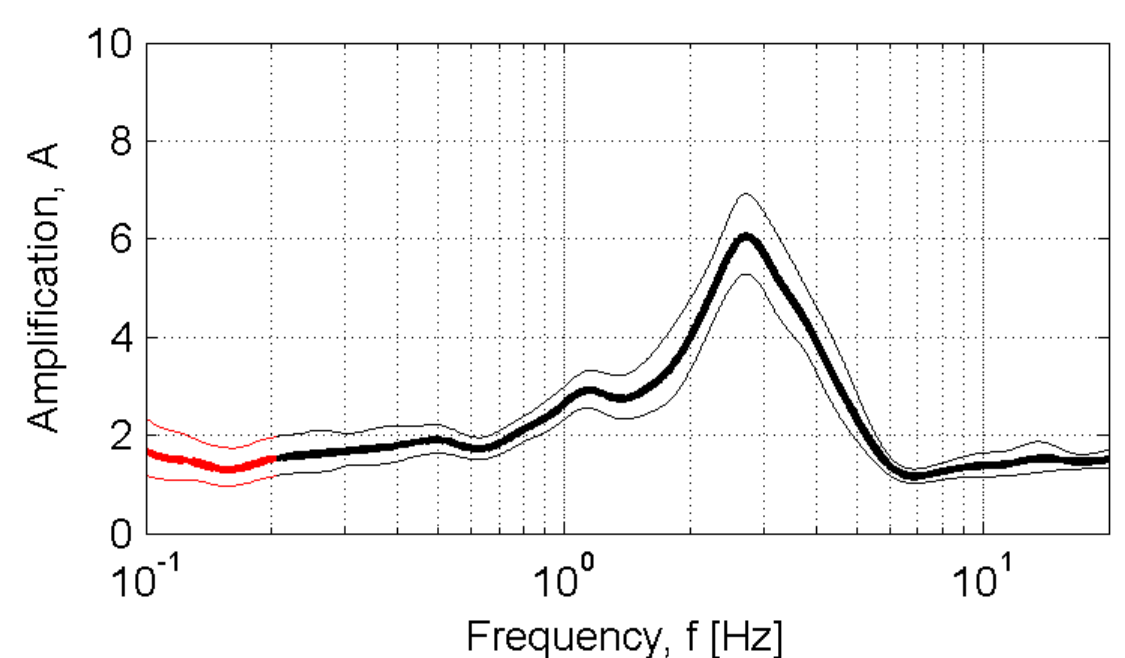
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

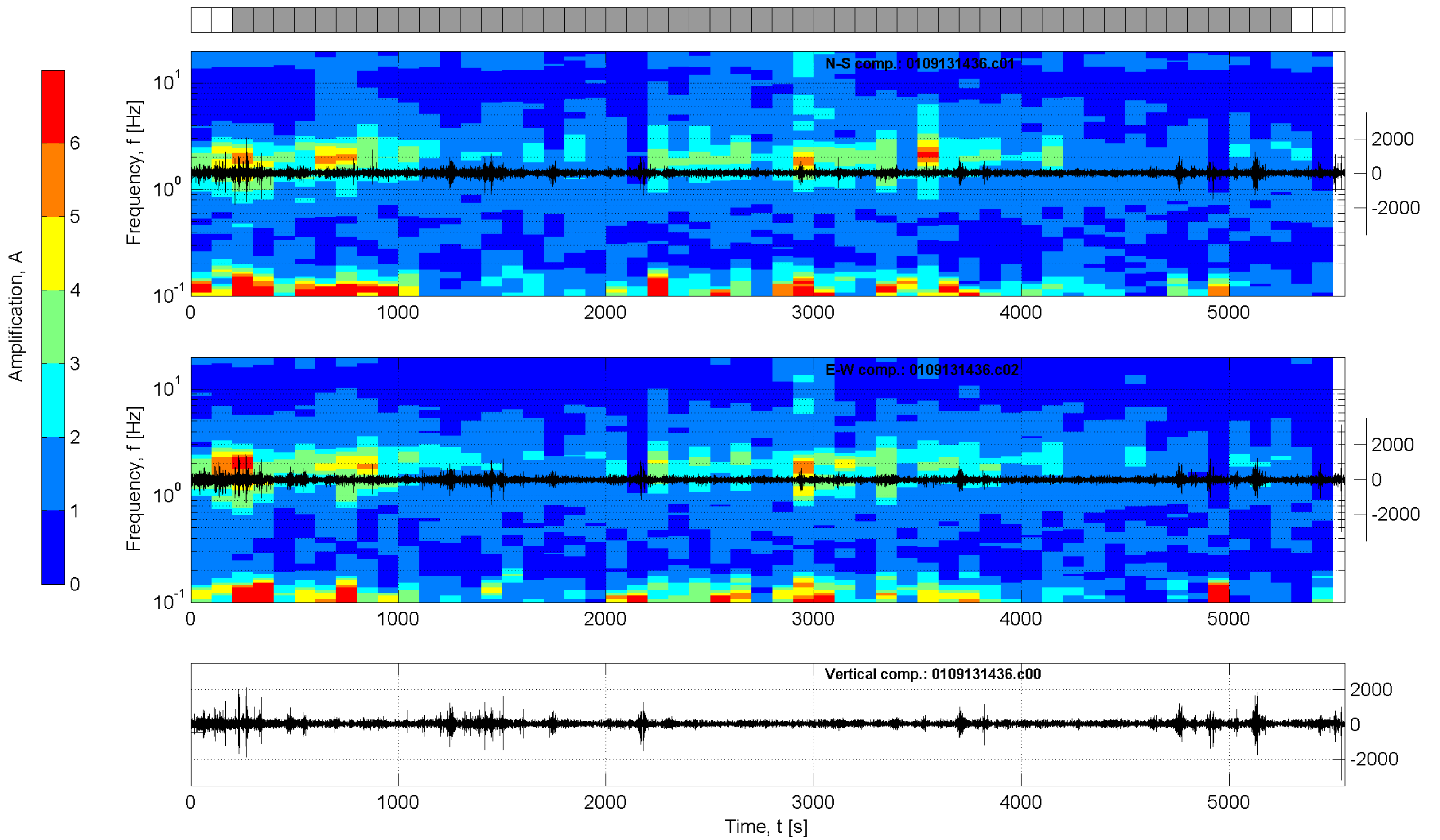
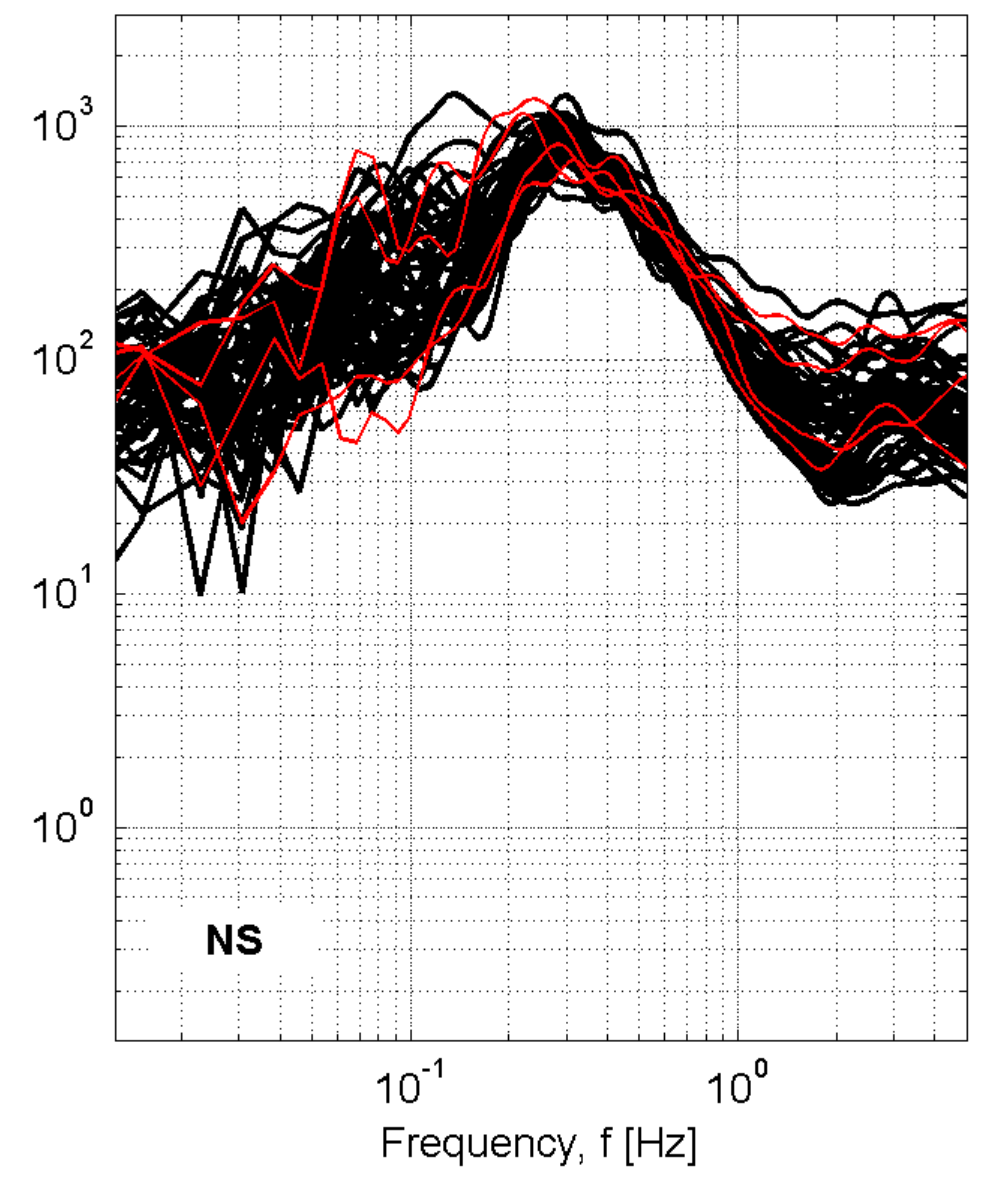
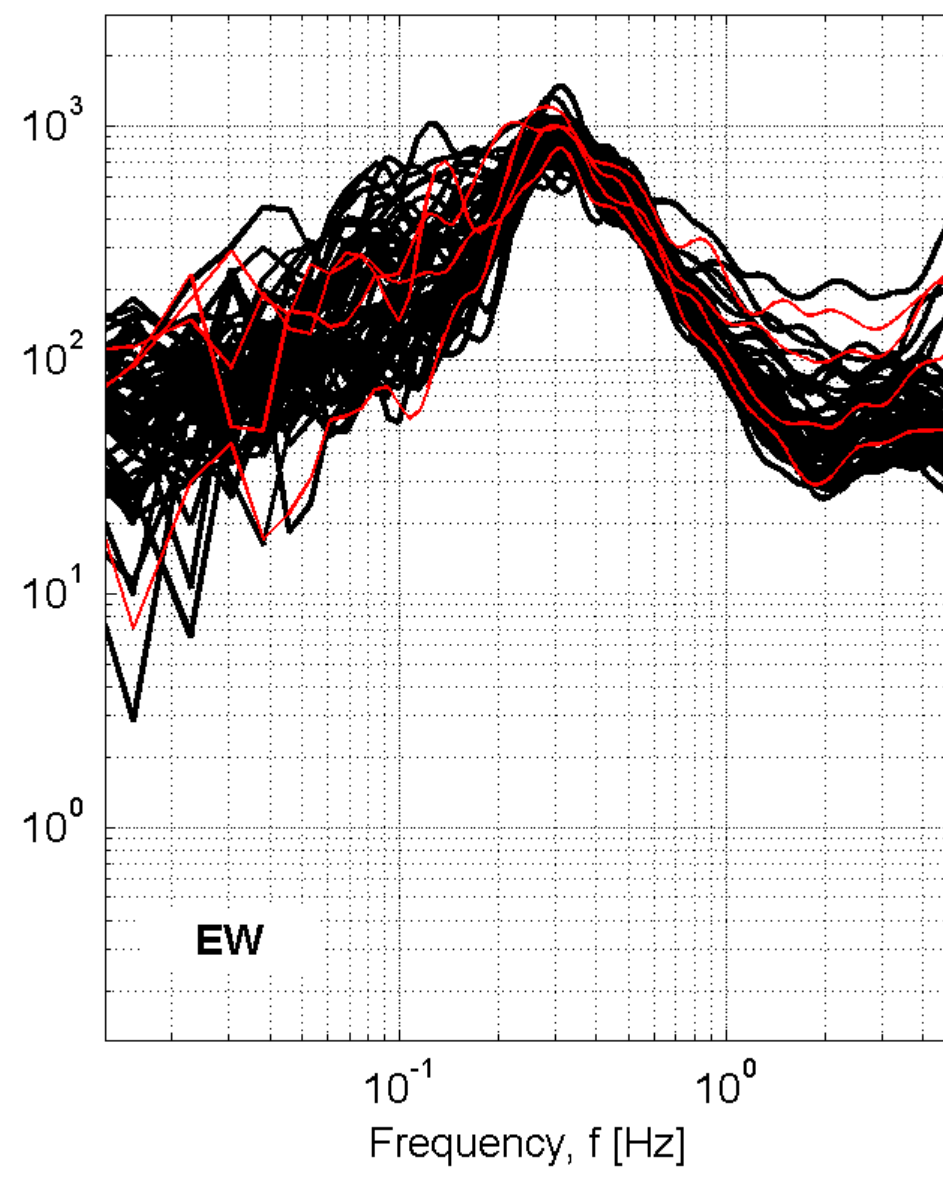
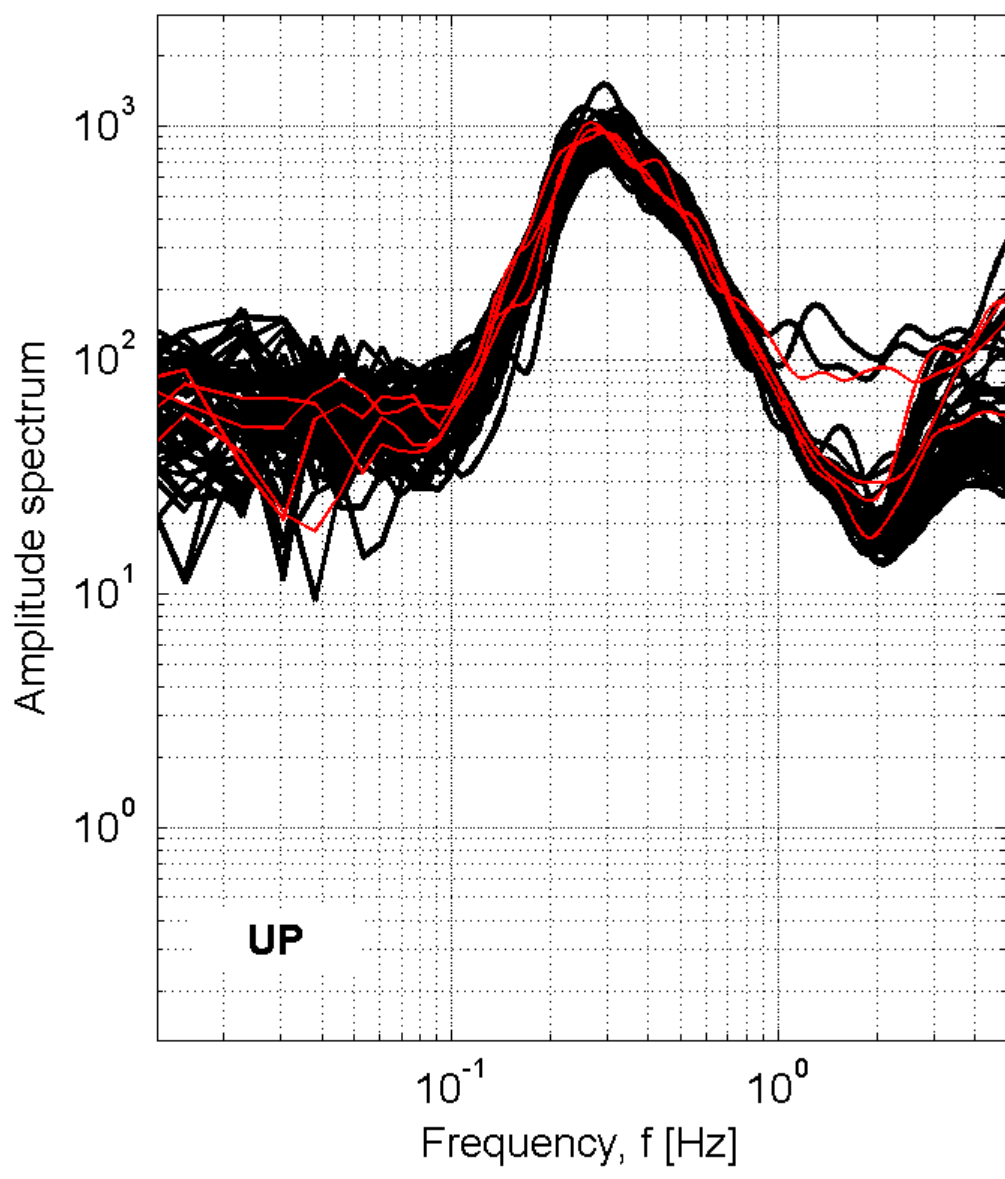
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# PRT-Parenti



**Station: PRT-Parenti**

Recording duration: 92:36 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

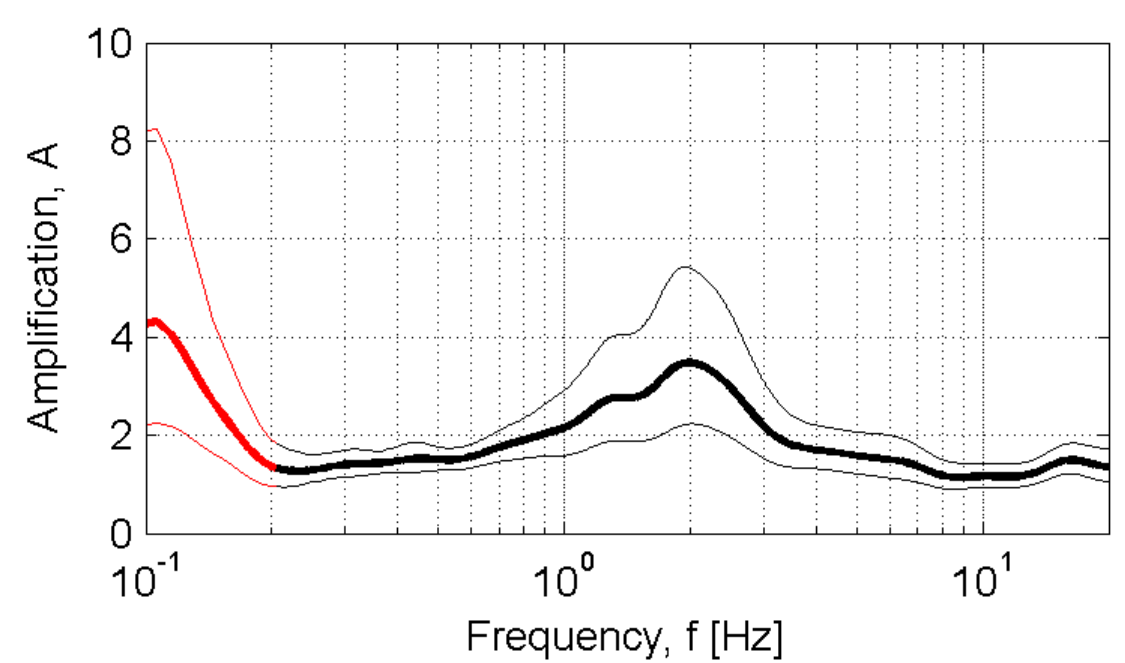
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

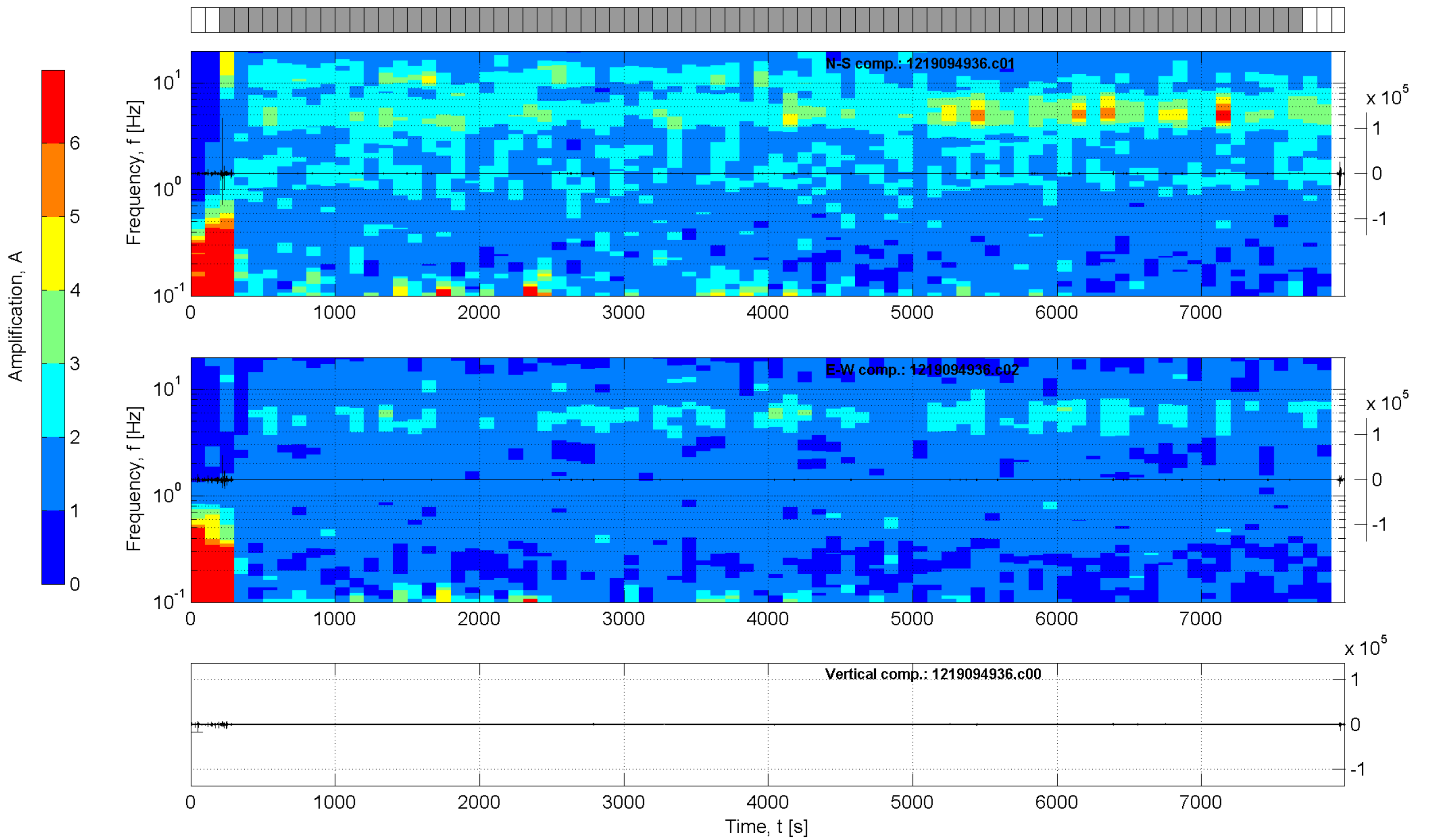
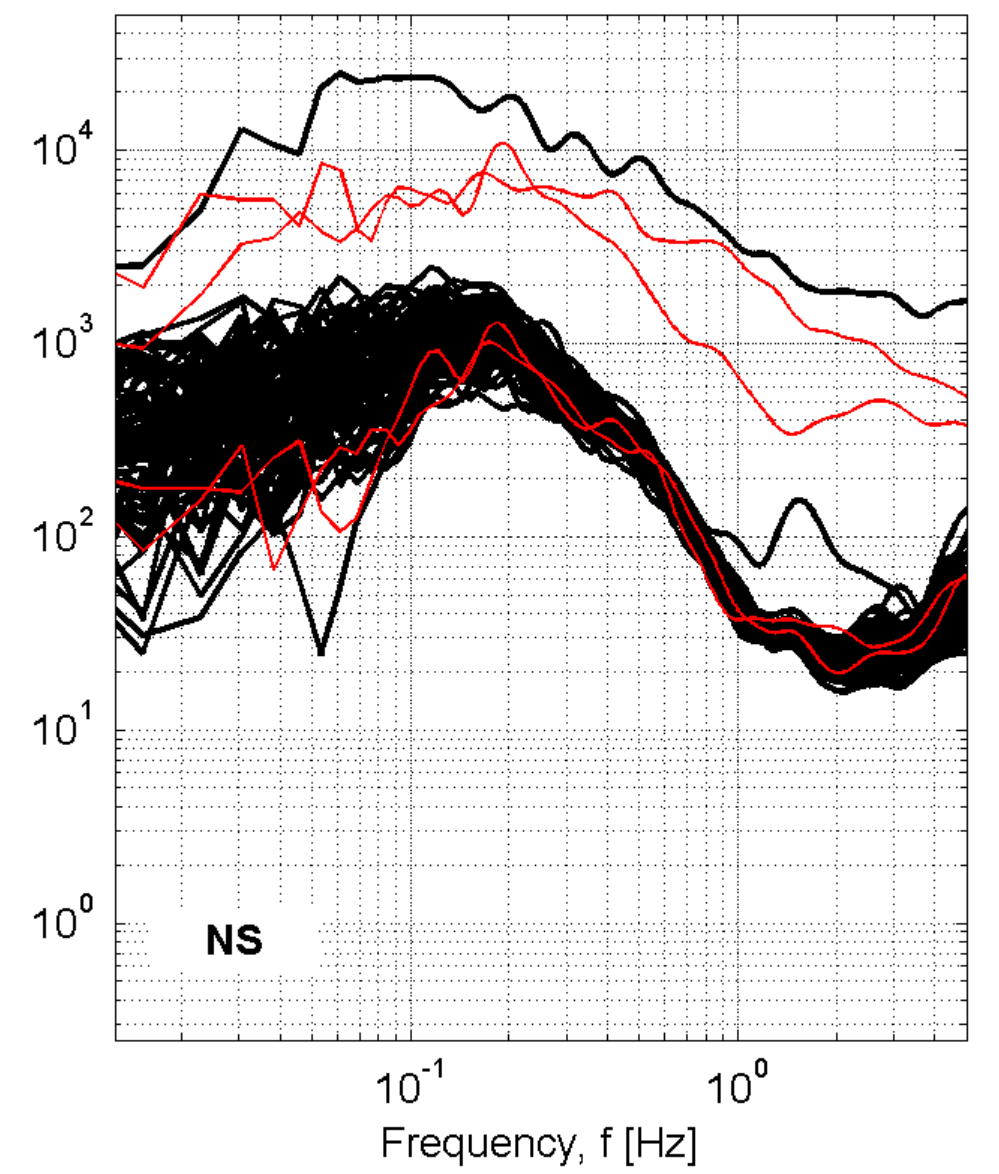
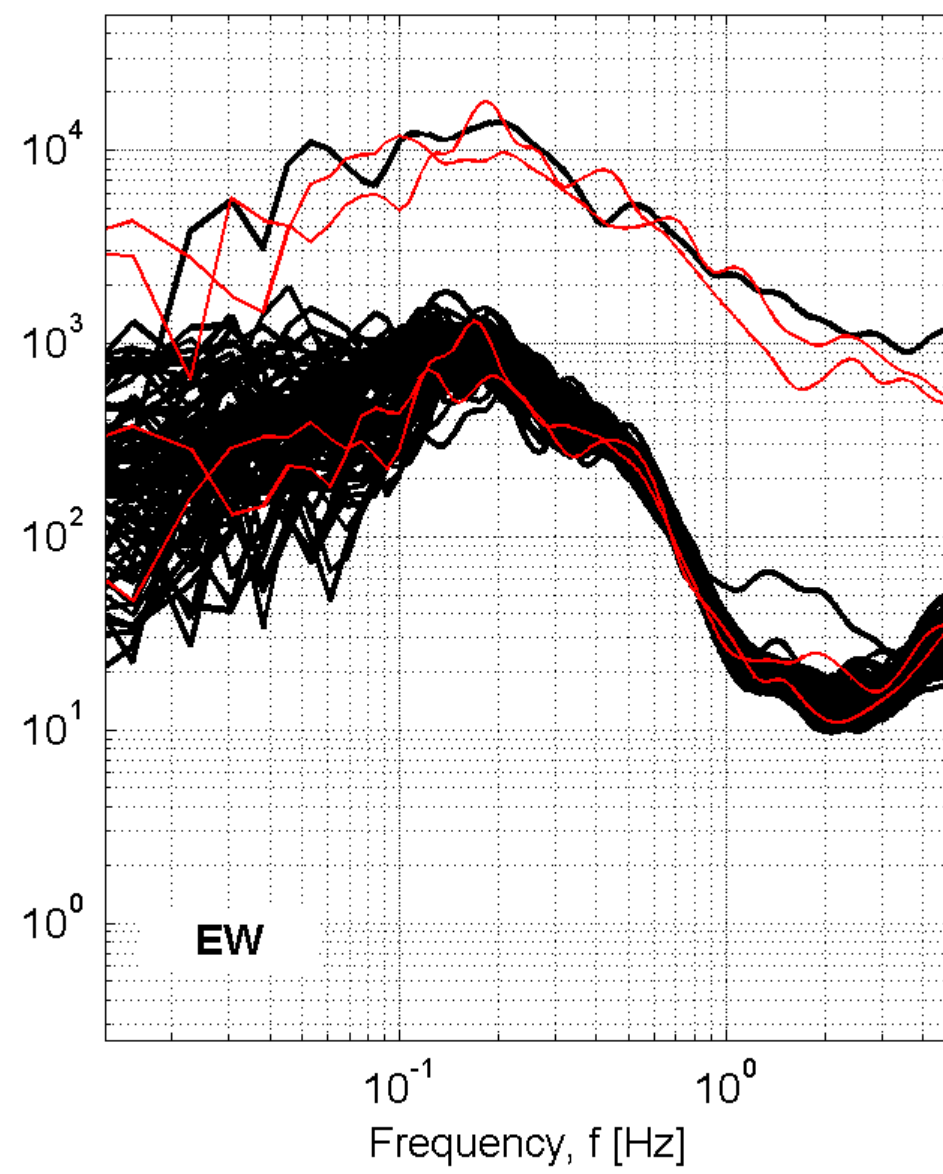
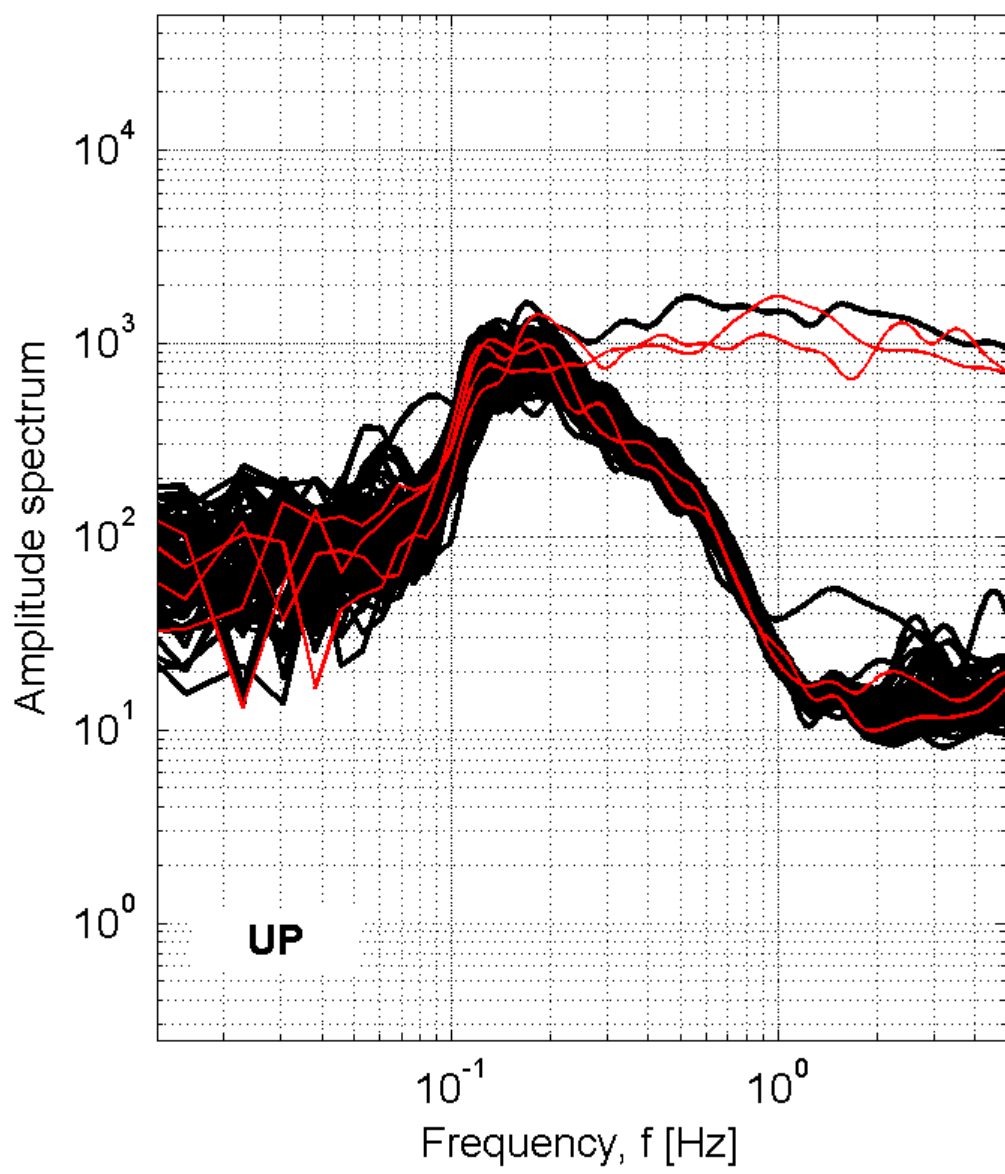
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# PSC-Pescasseroli



## Station: PSC-Pescasseroli

Recording duration: 133:12 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

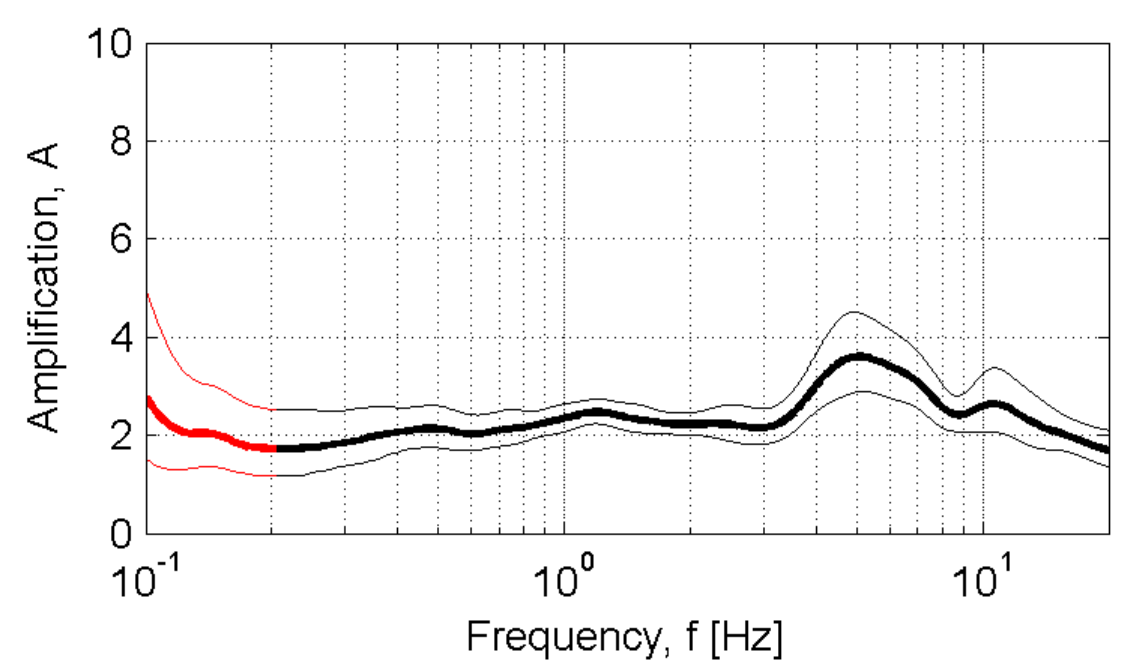
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

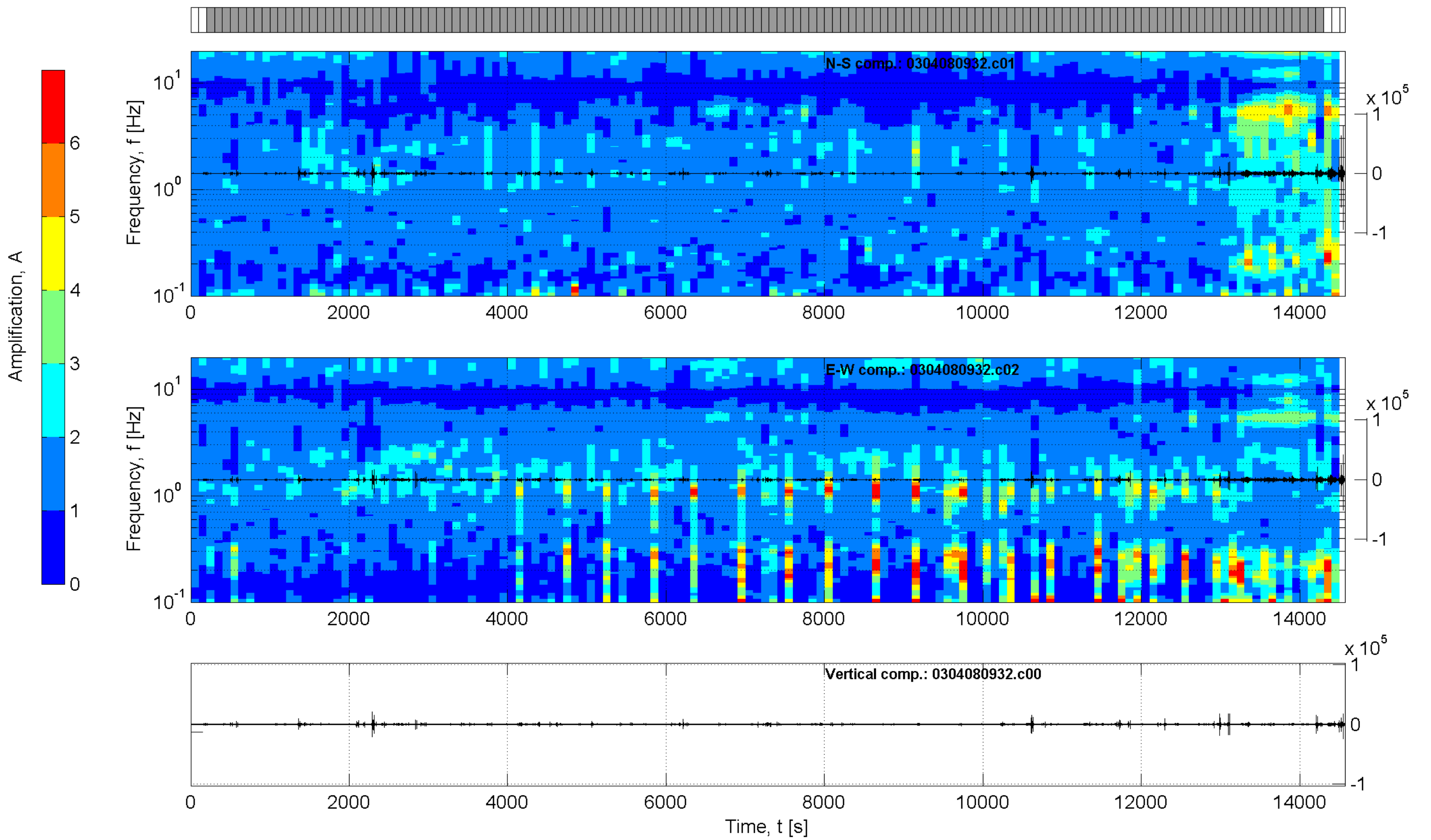
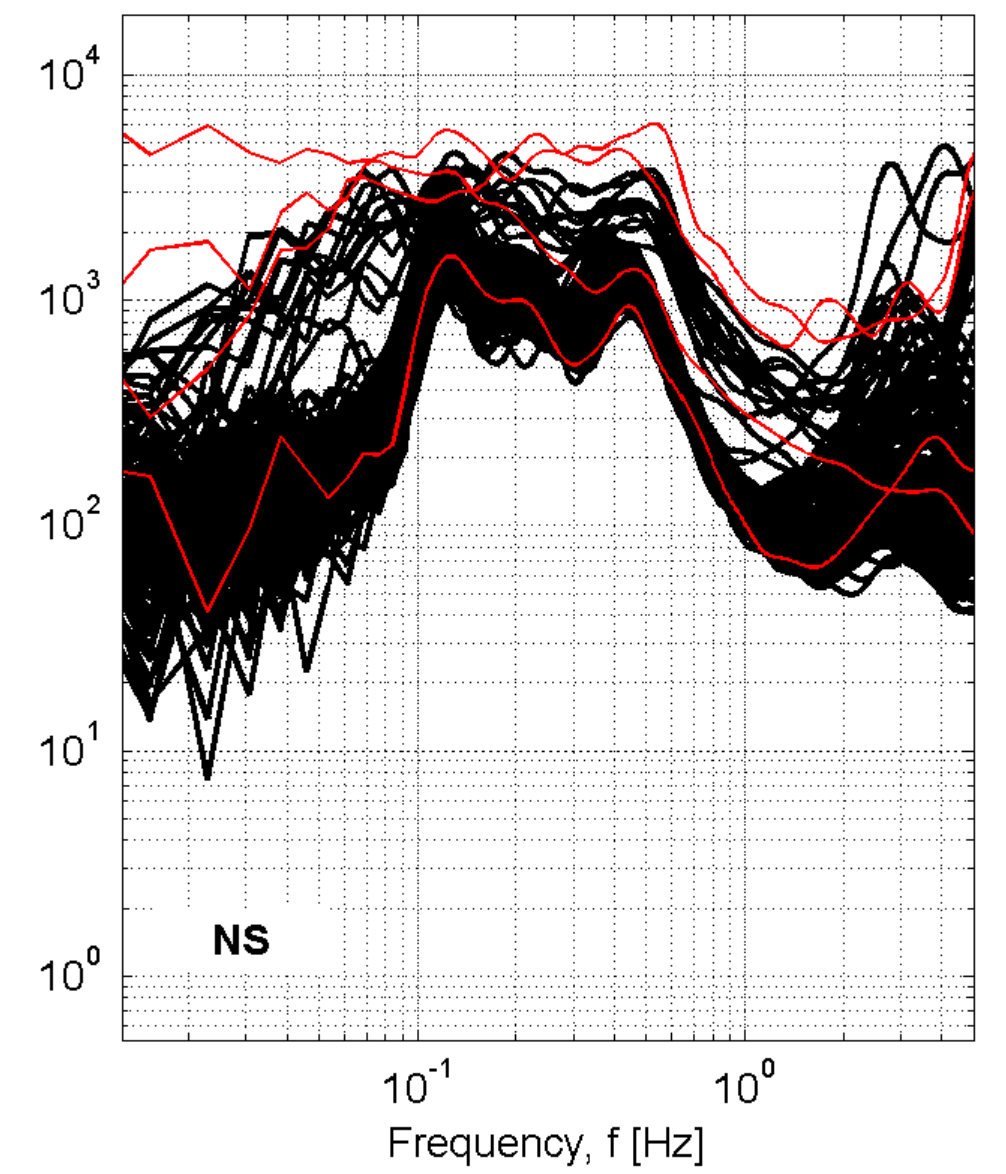
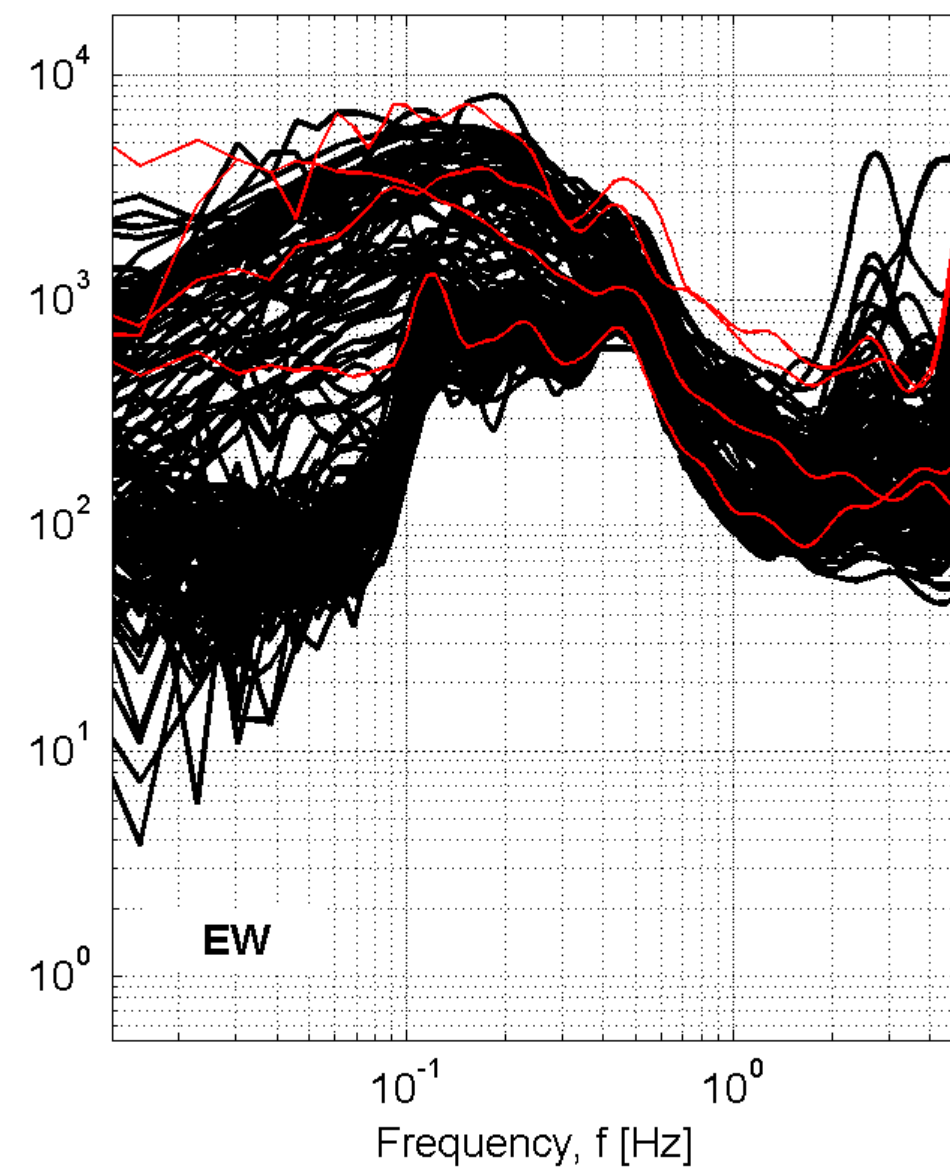
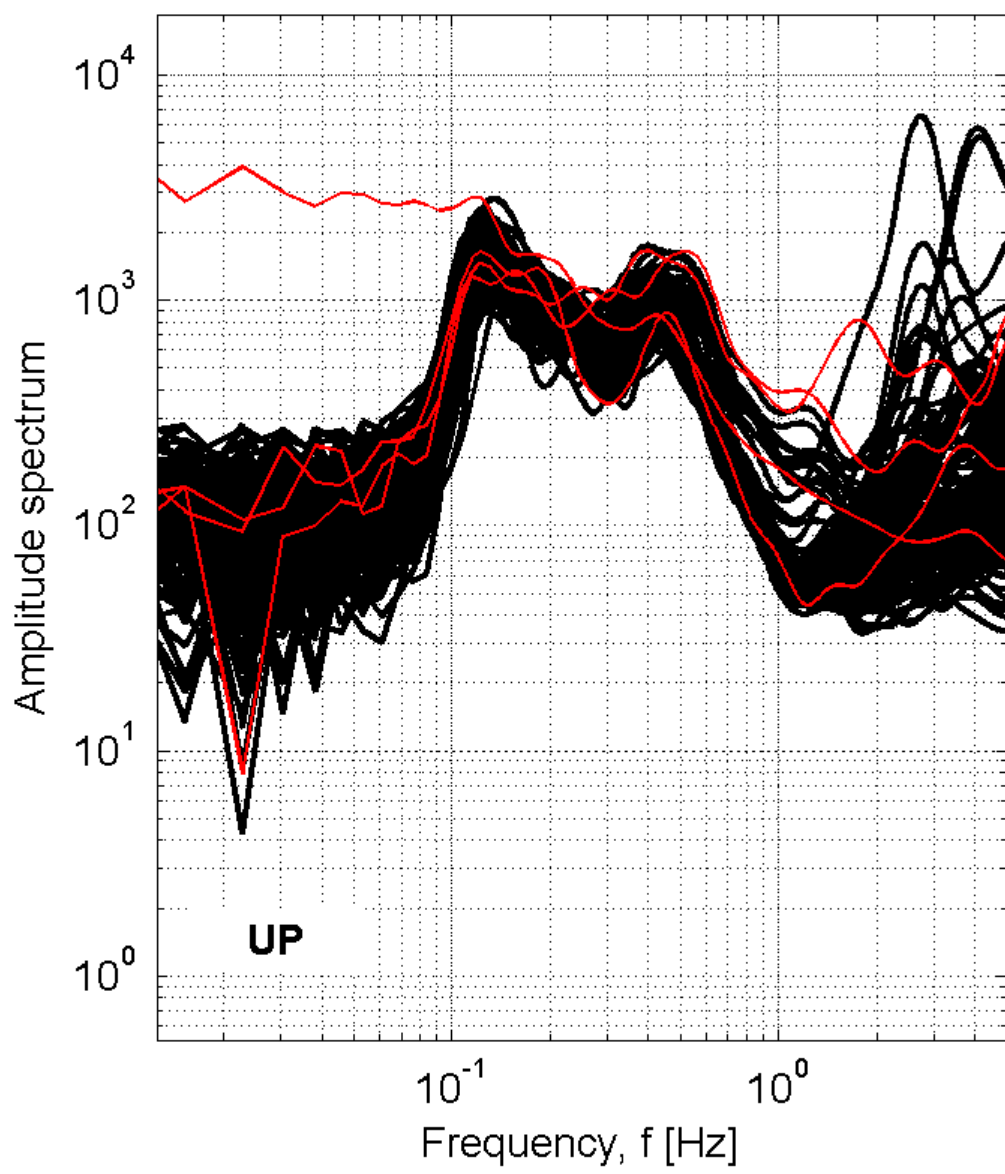
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# PTF-Petrella Tifernina



## Station: PTF-Petrella Tifernina

Recording duration: 242:48 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

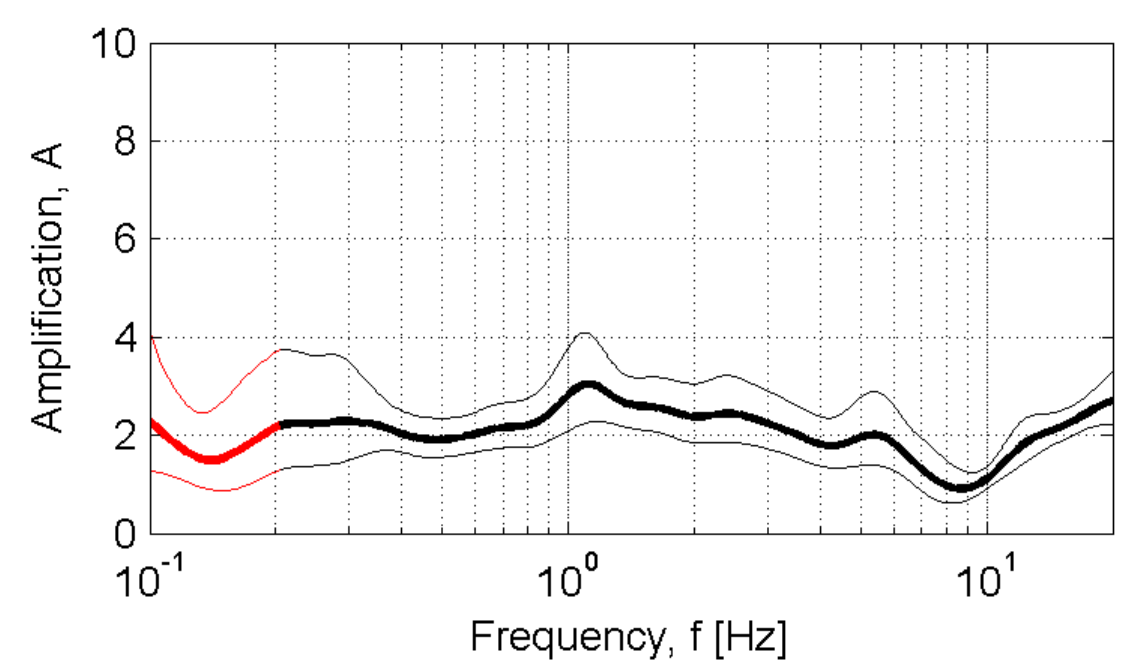
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

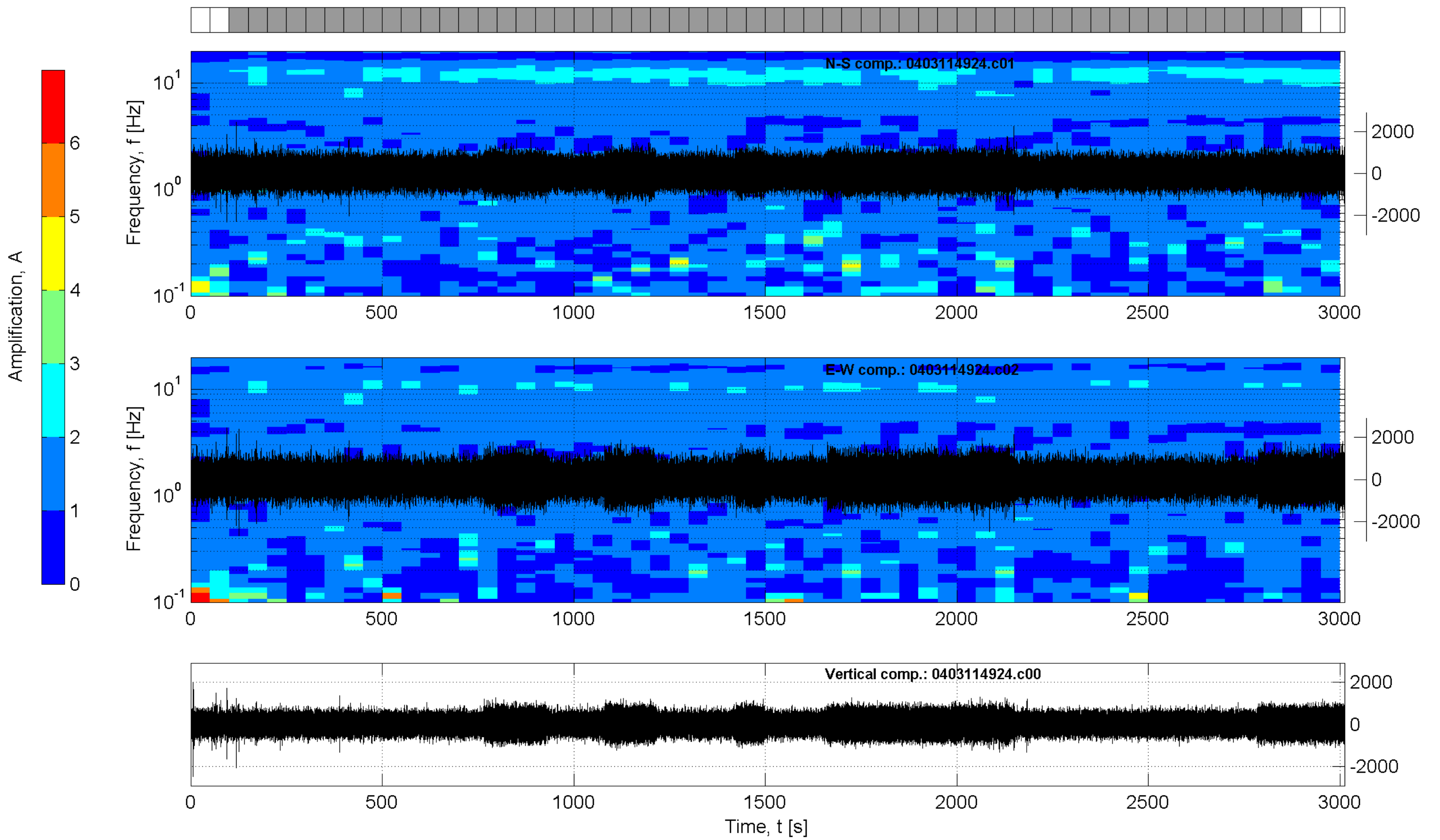
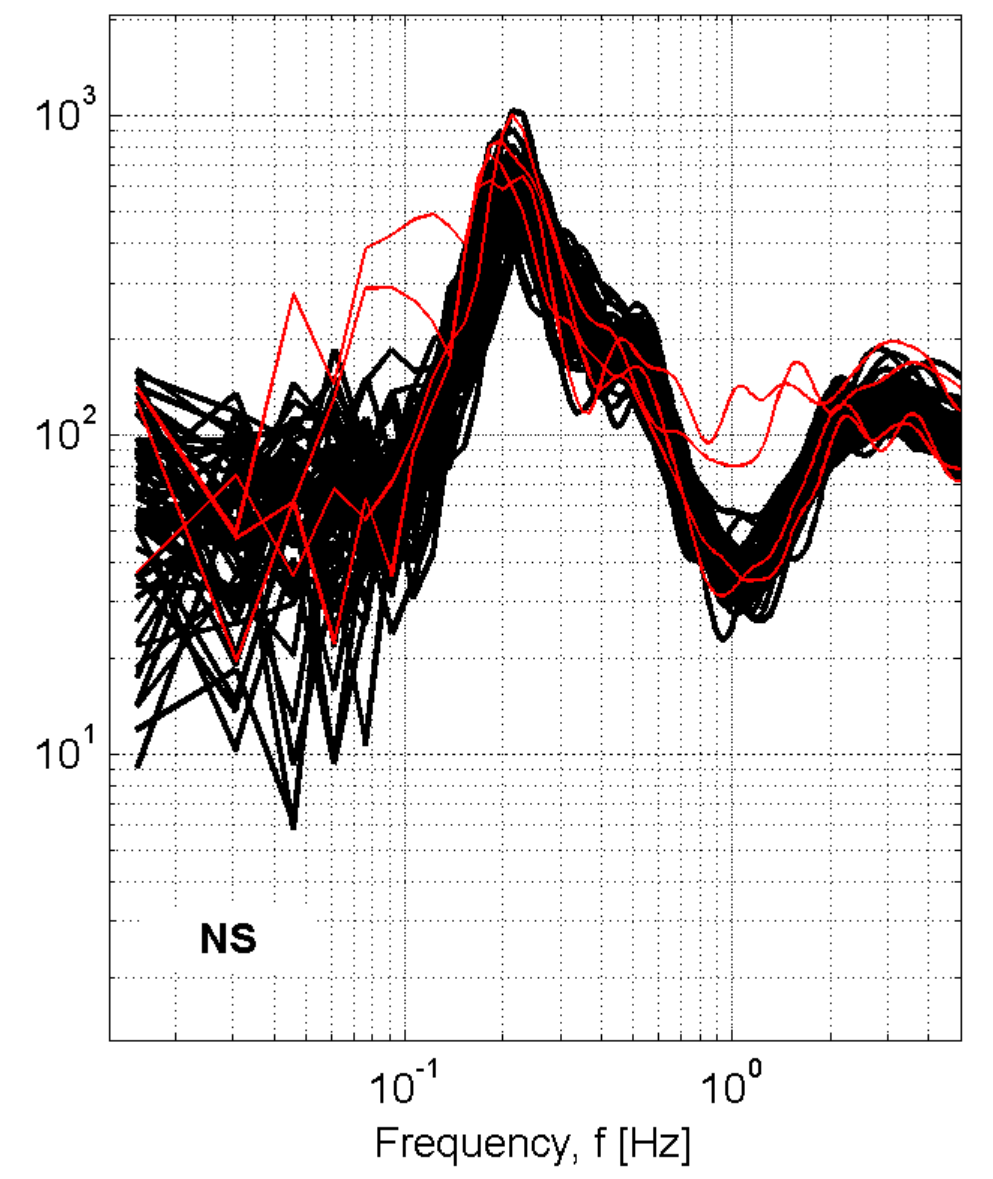
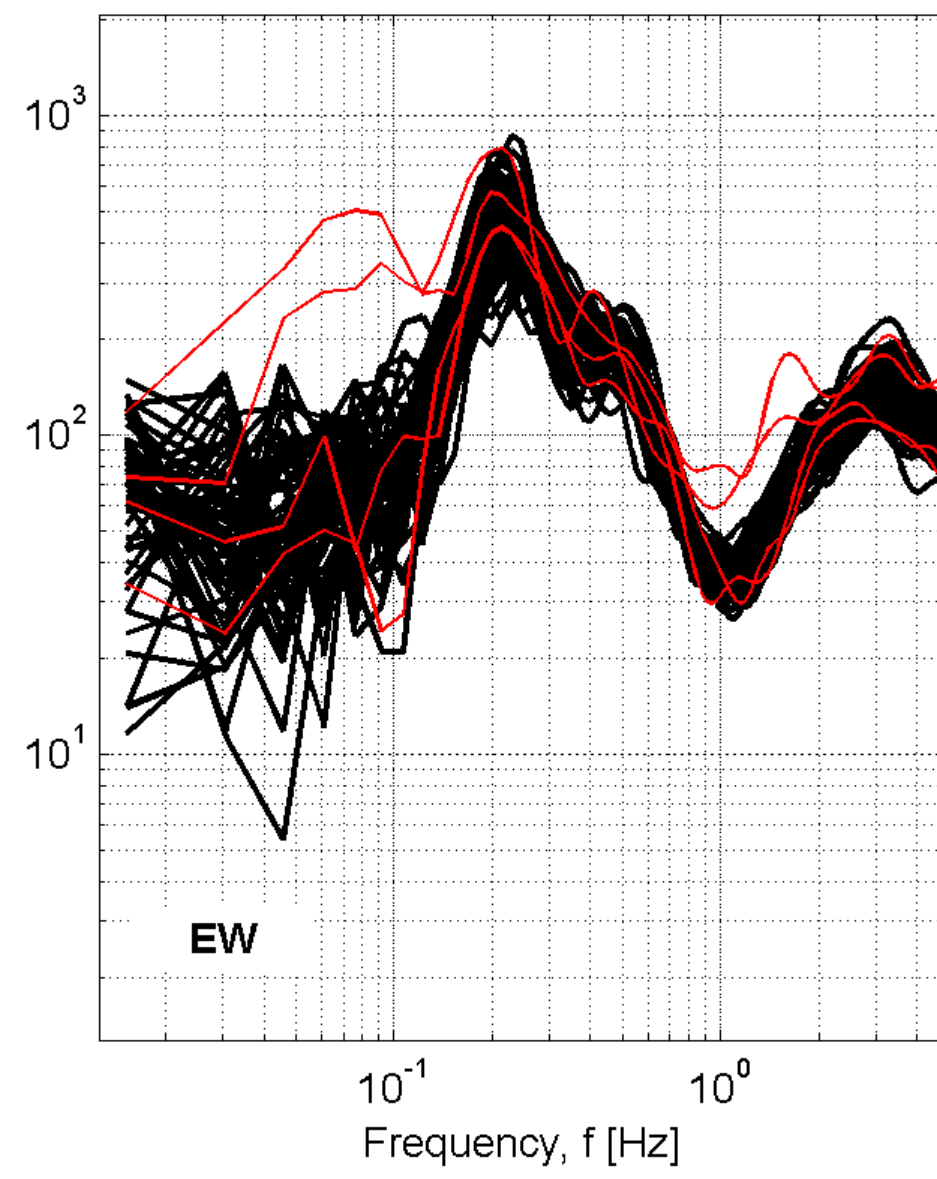
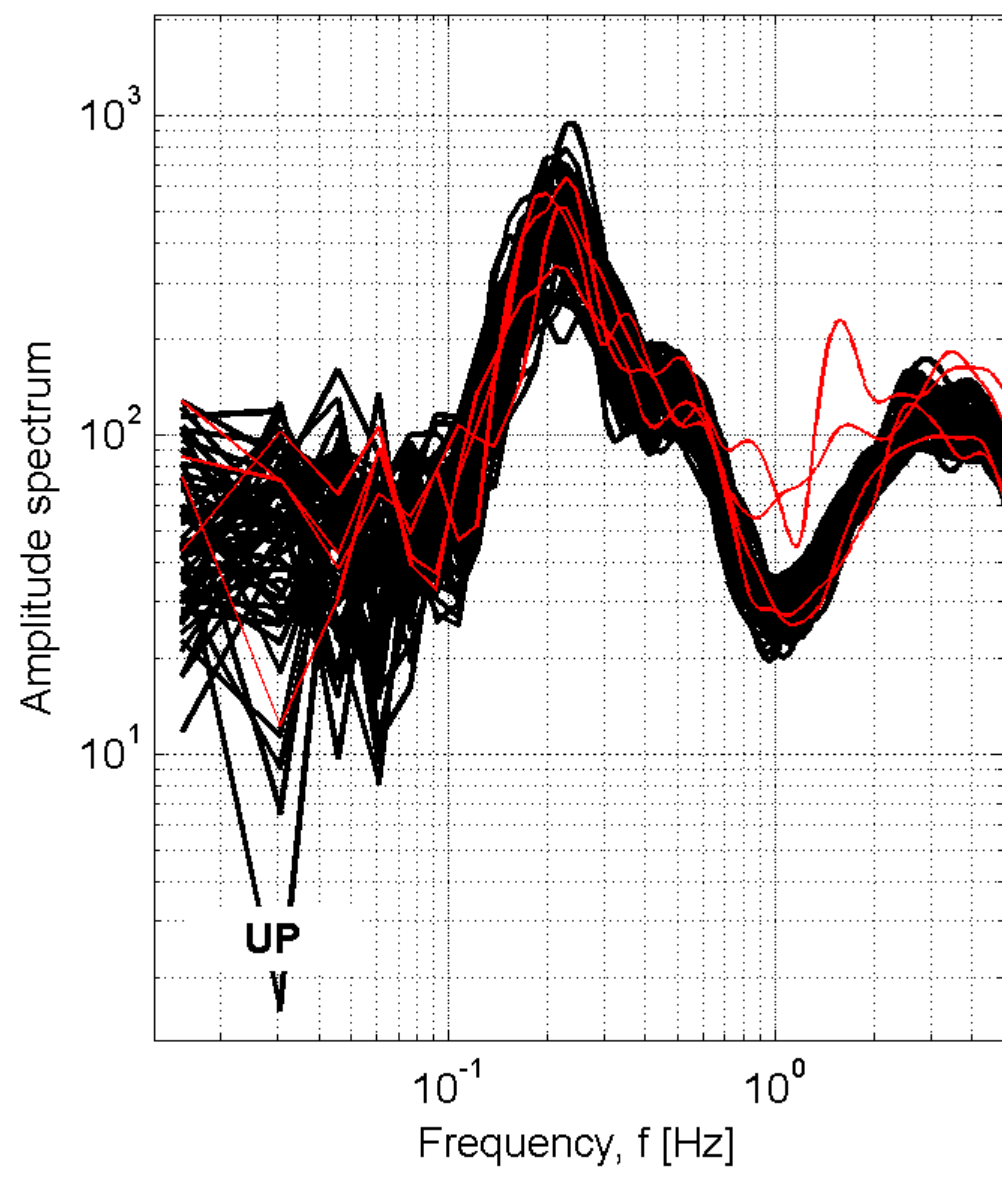
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# PTZ-Potenza



## Station: PTZ-Potenza

Recording duration: 50:12 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 50 [s]

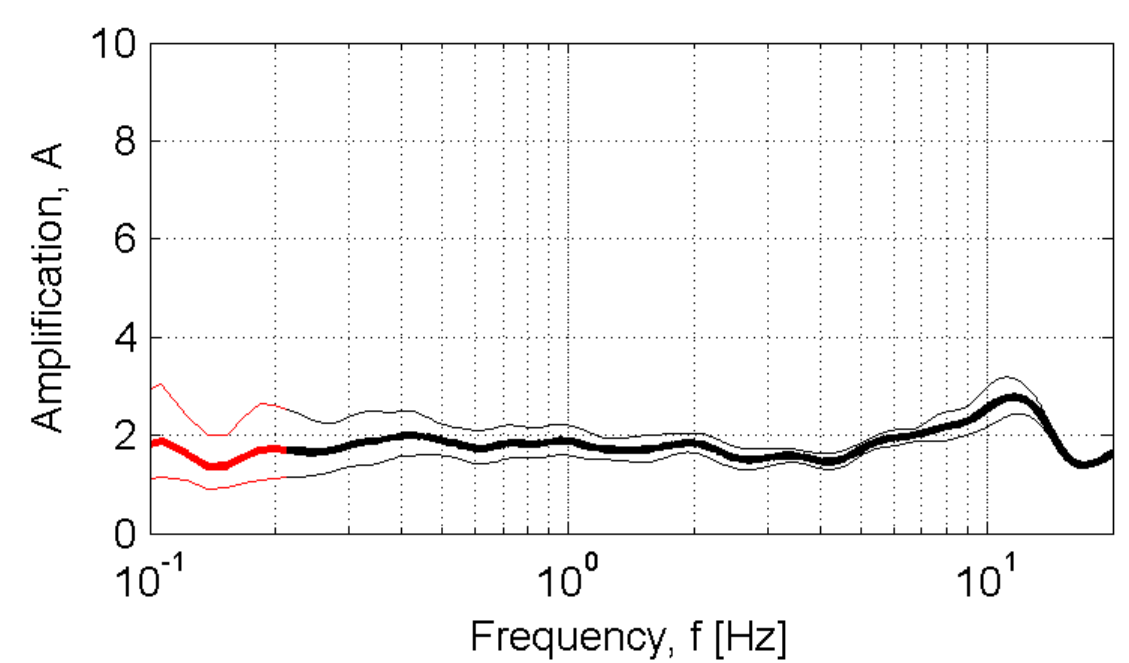
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

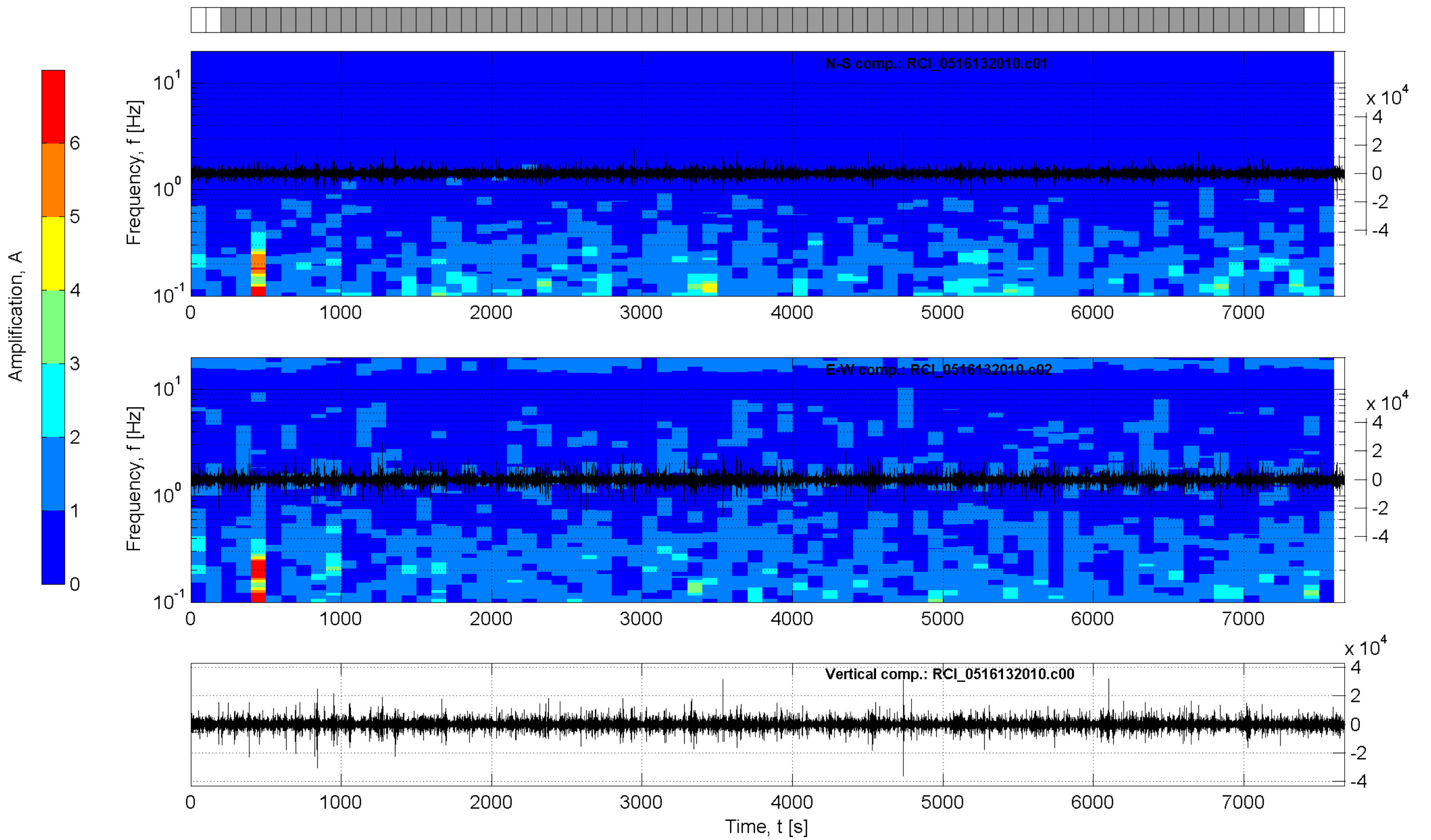
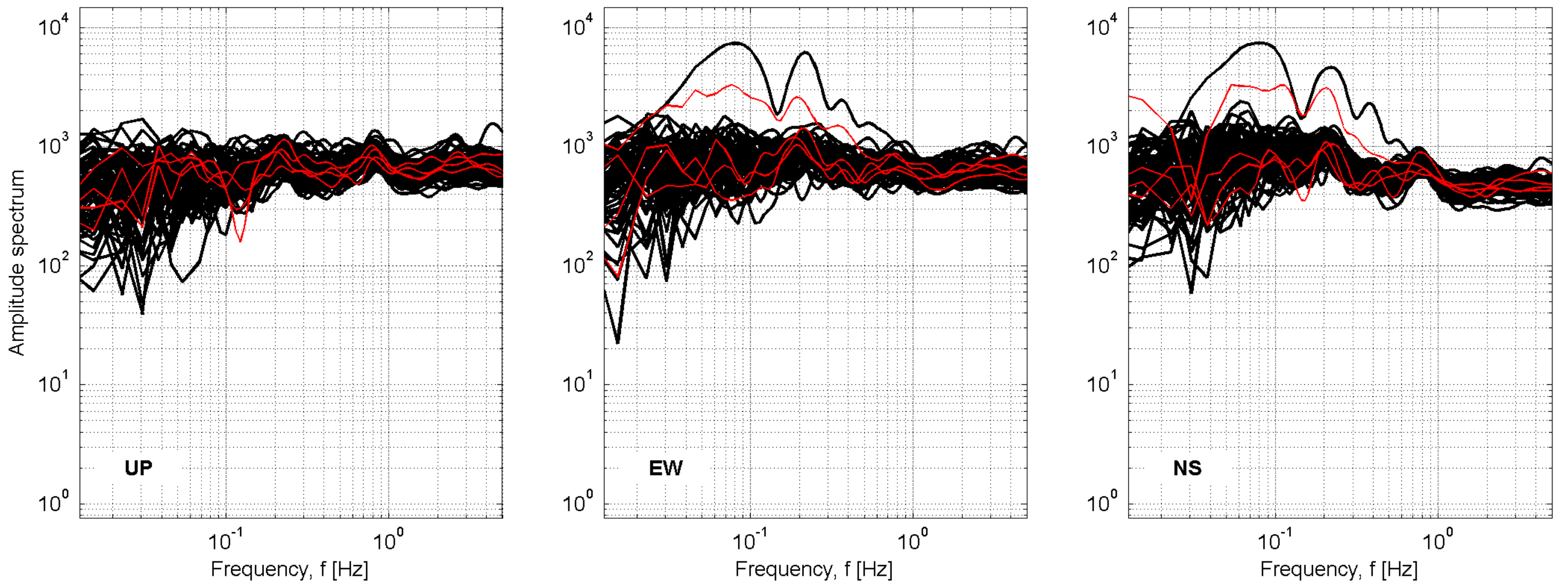
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



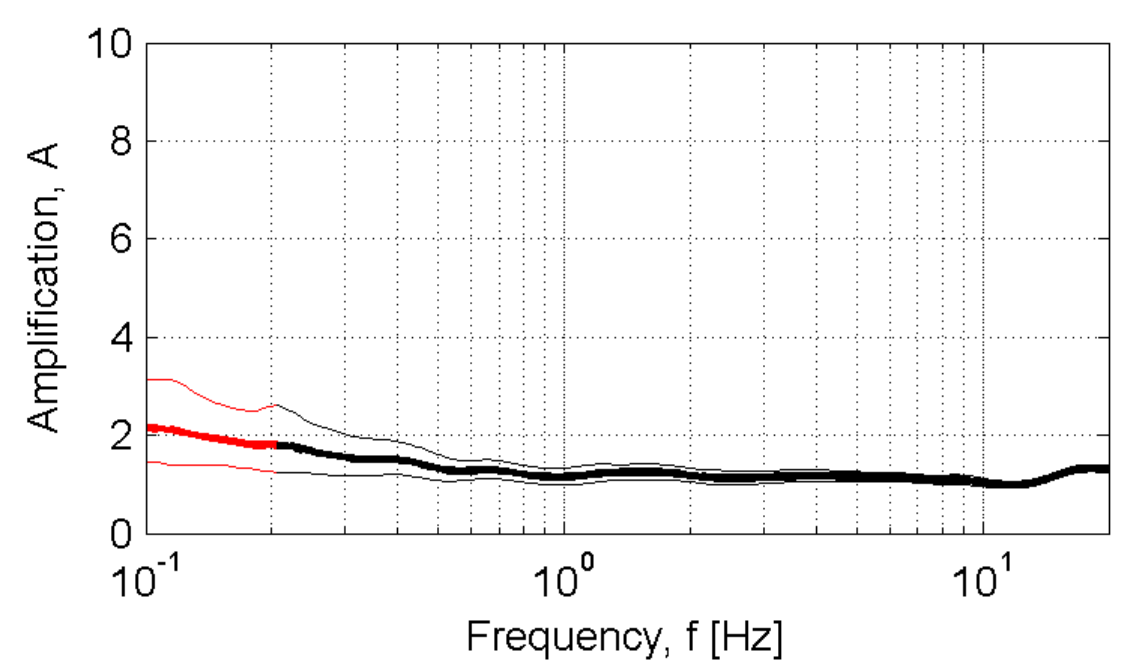
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# RCI\_roccella ionica



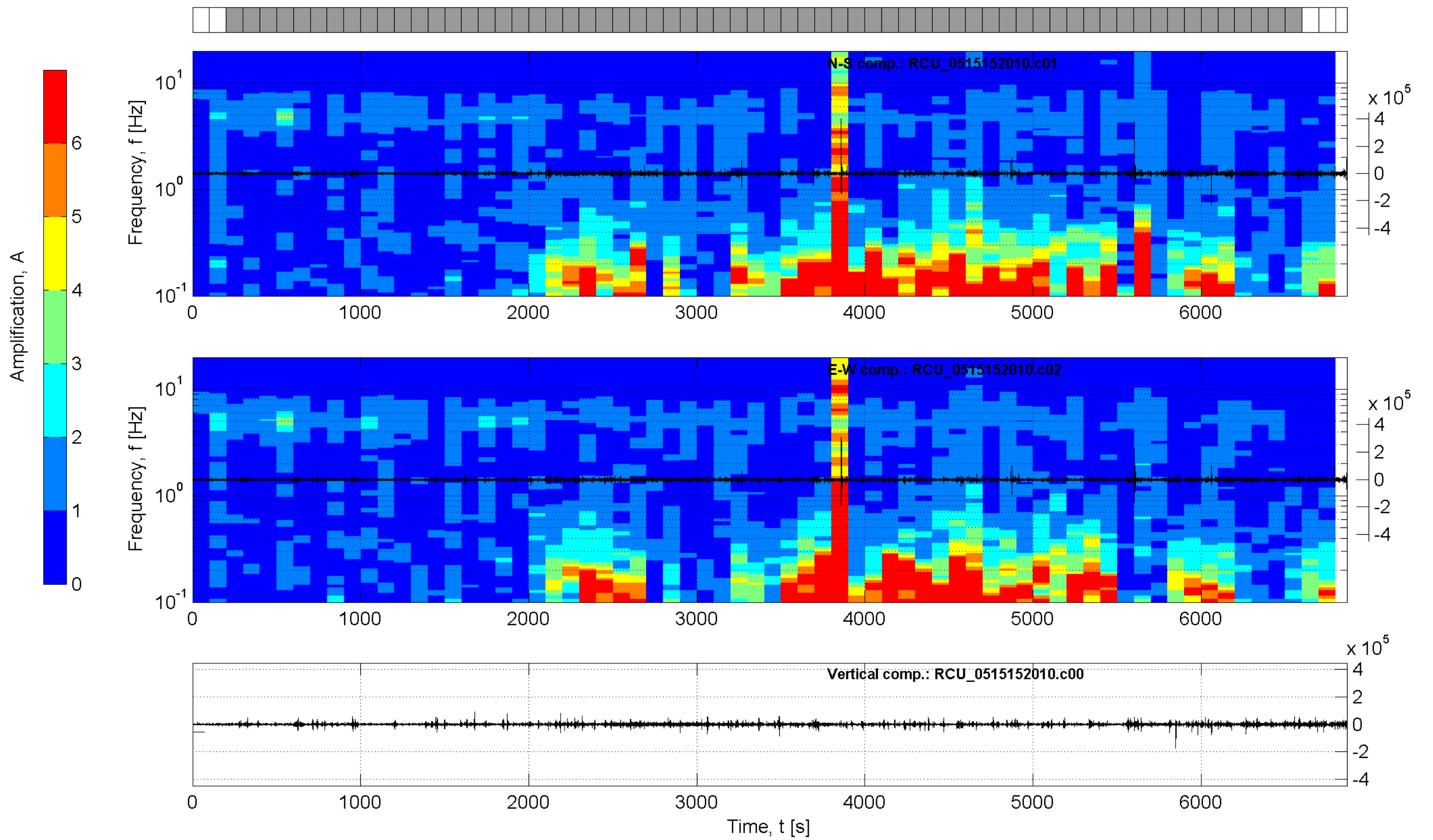
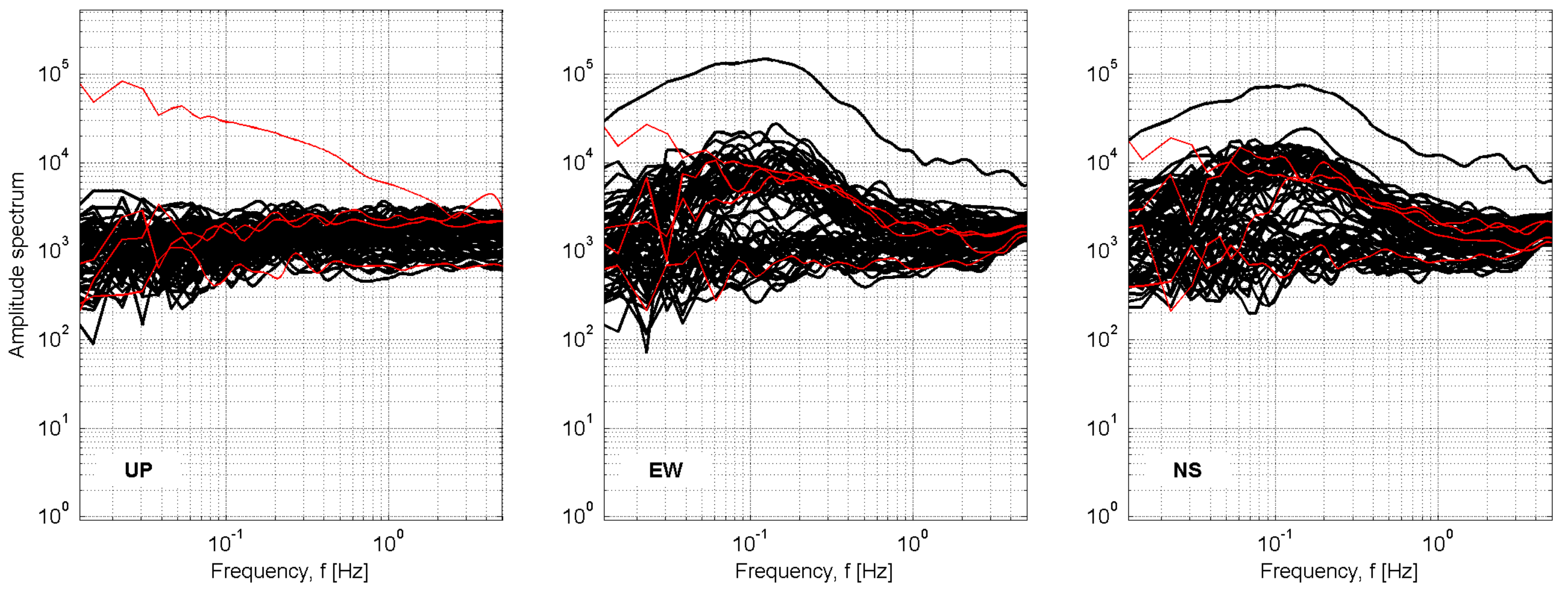
**Station: RCI\_roccella ionica**

Recording duration: 127:52 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



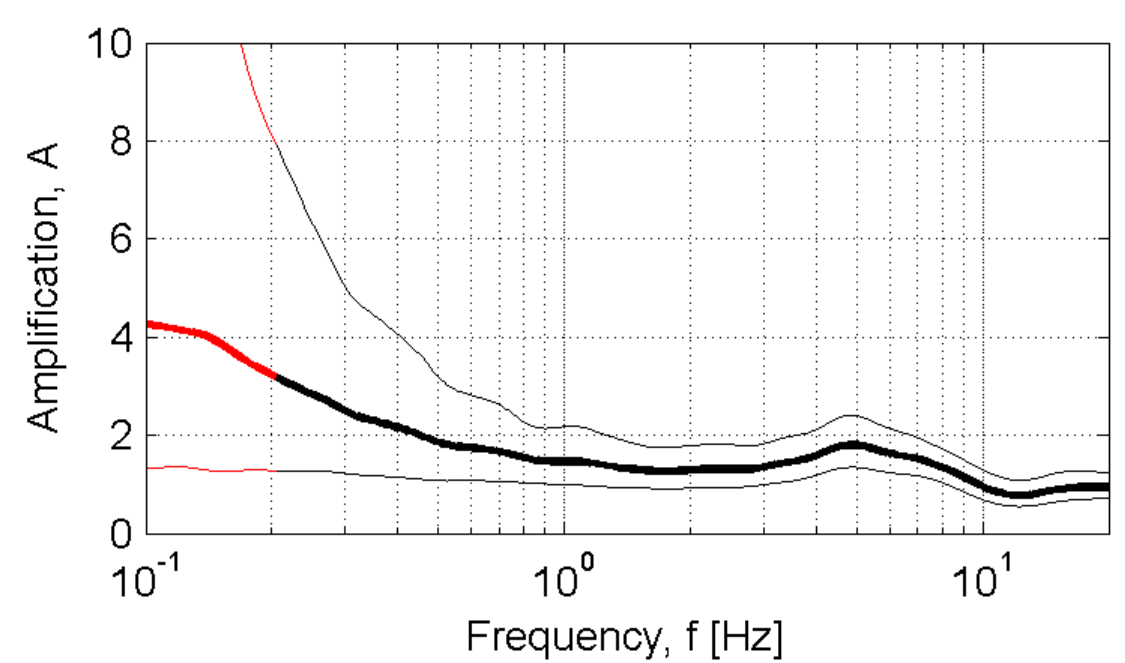
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# RCU\_reggio calabria



**Station: RCU\_reggio calabria**

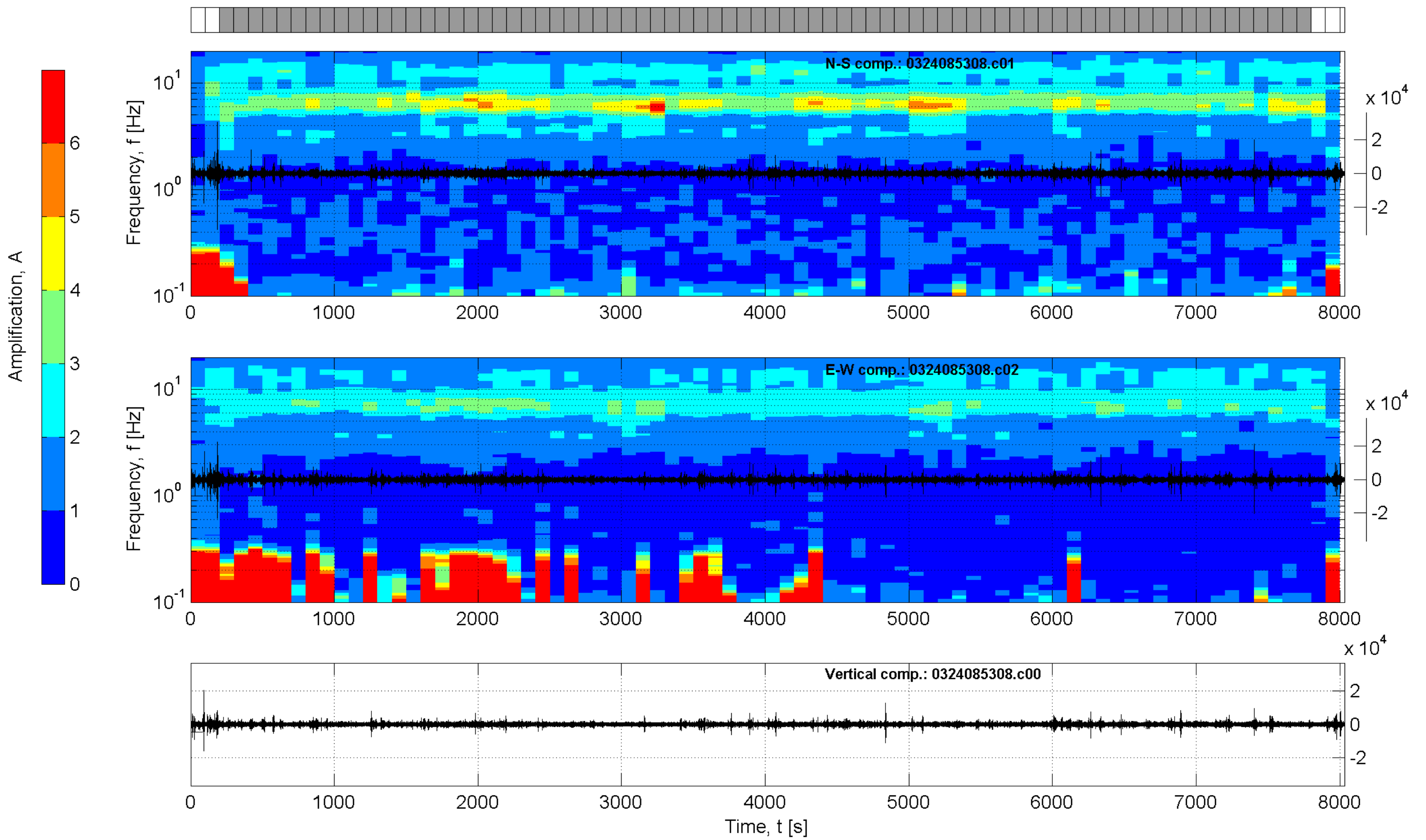
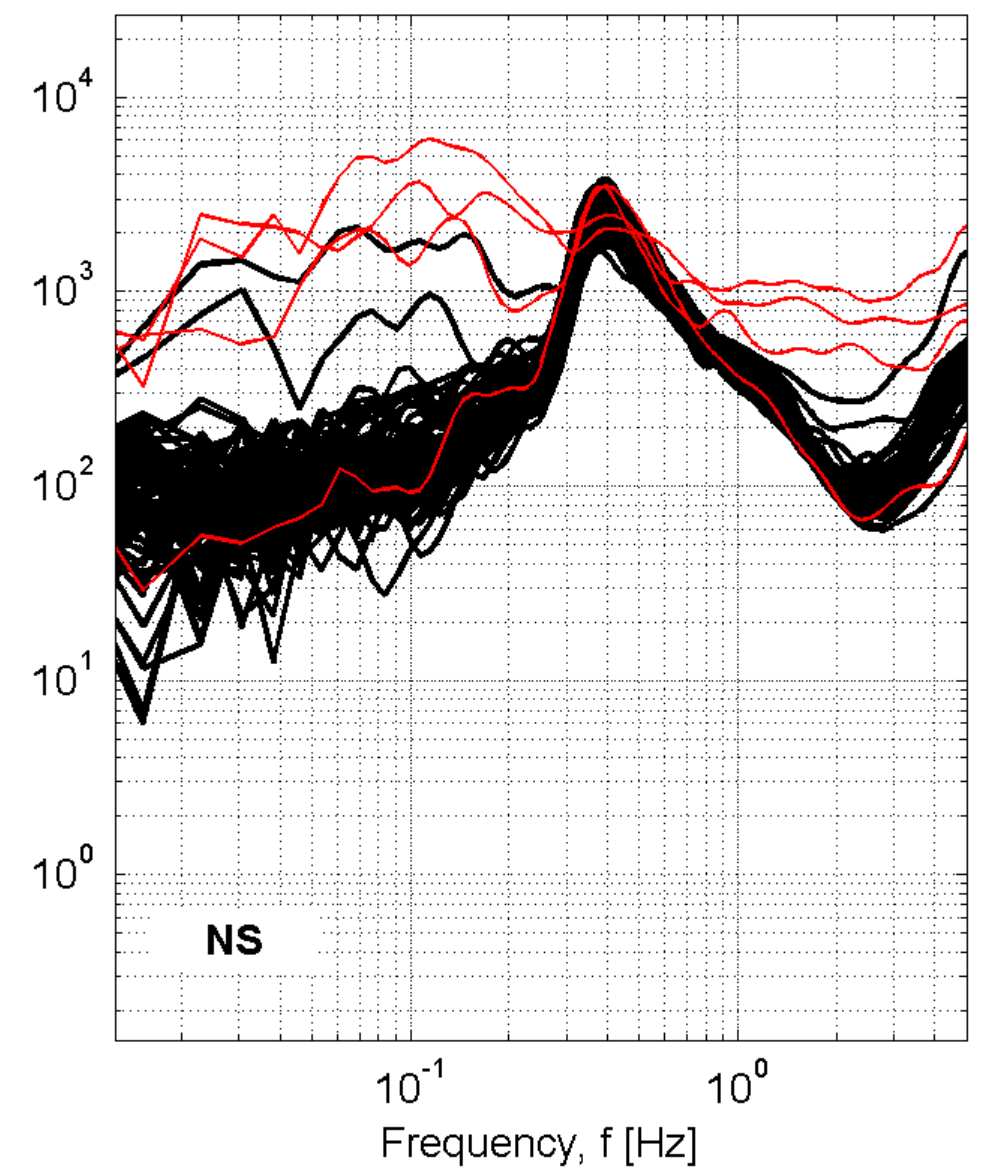
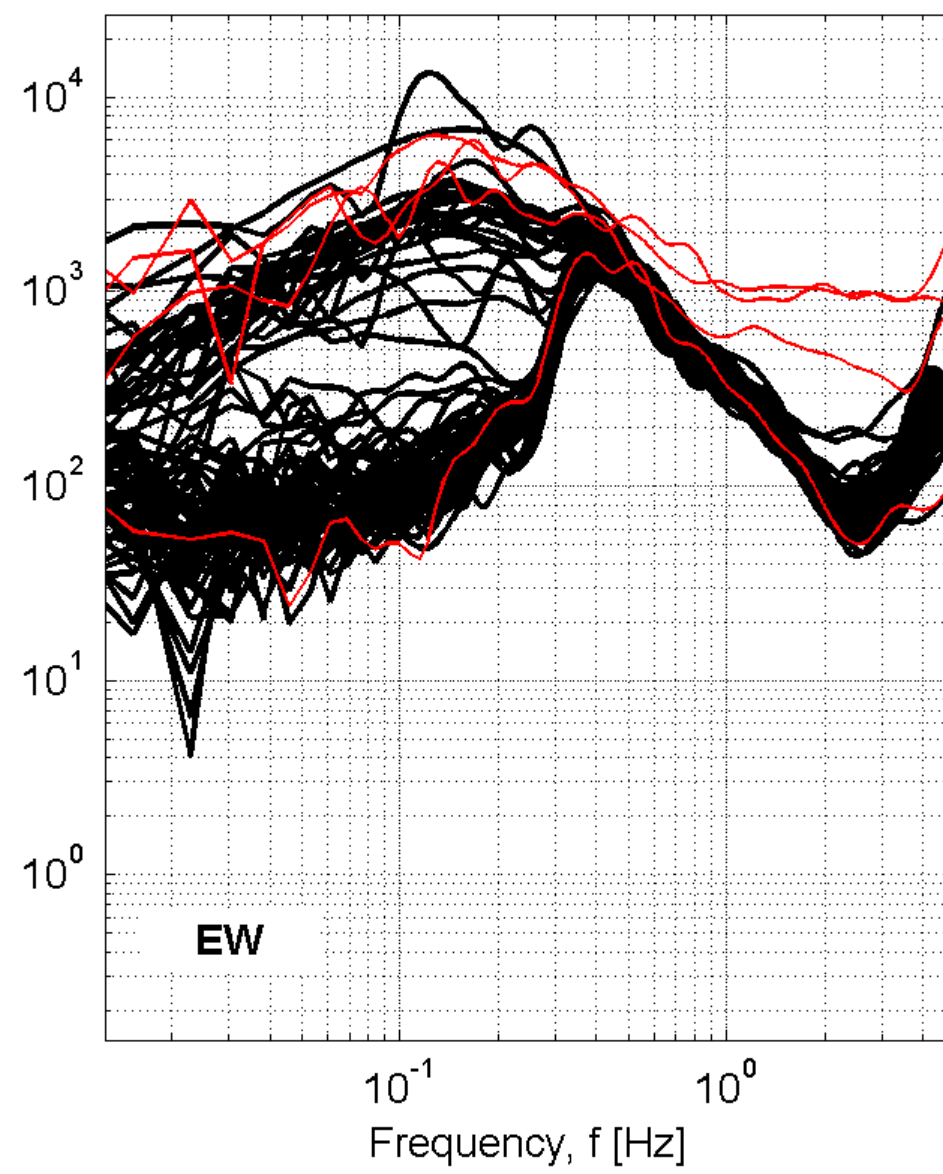
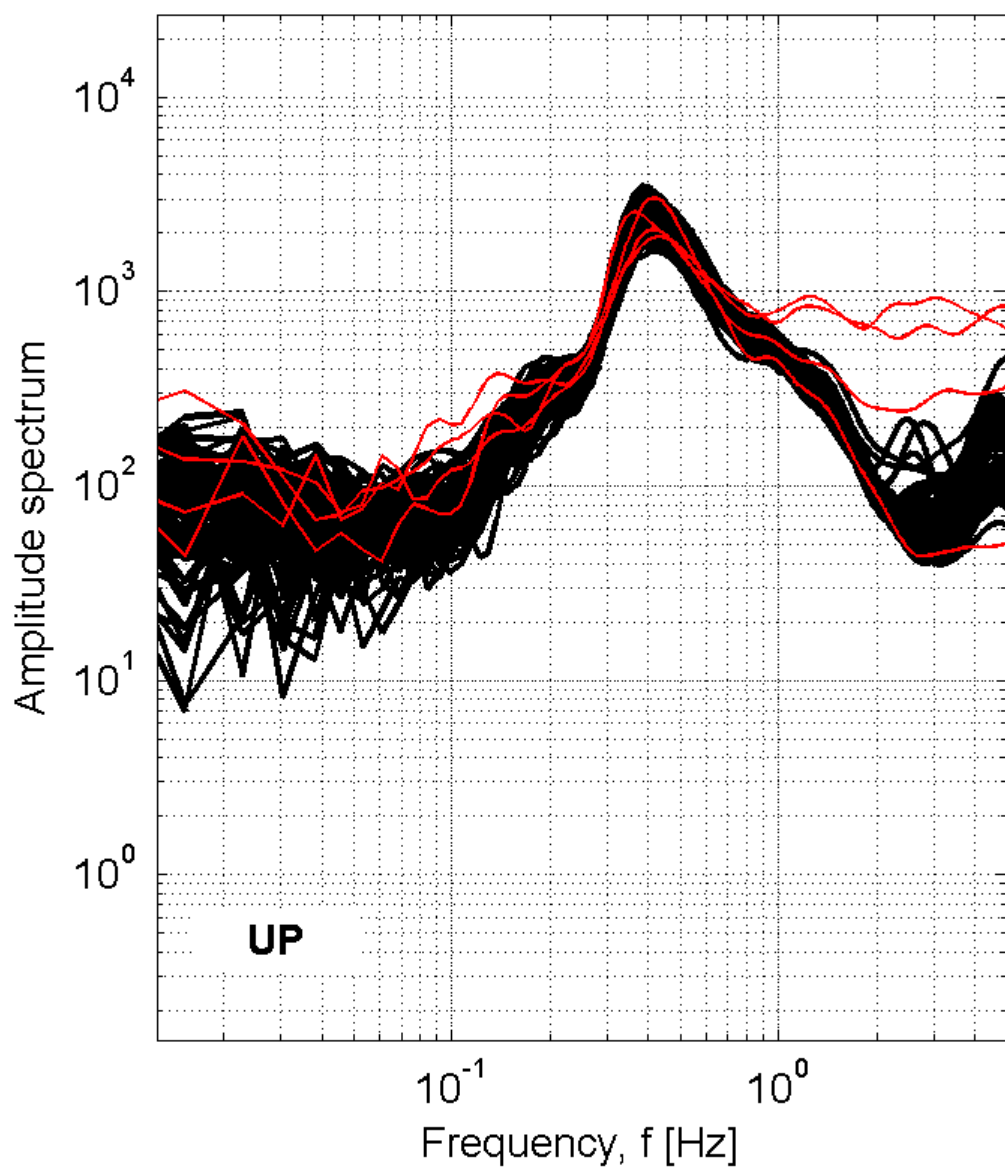
Recording duration: 114:28 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# RDG-Rodi Garganico



## Station: RDG-Rodi Garganico

Recording duration: 133:52 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

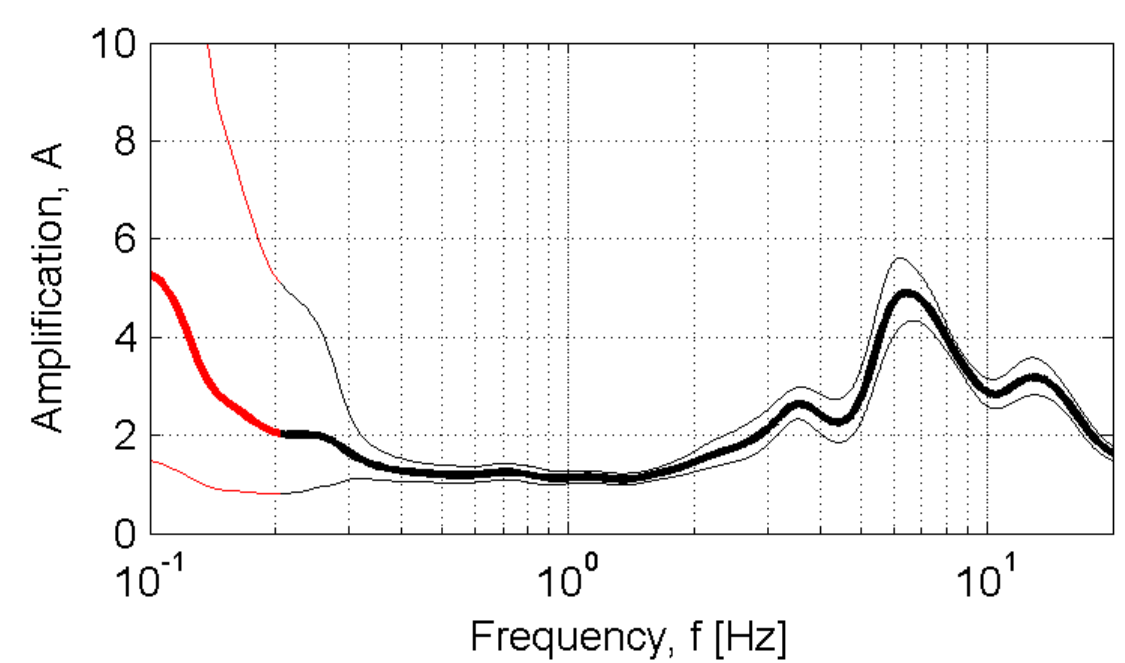
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

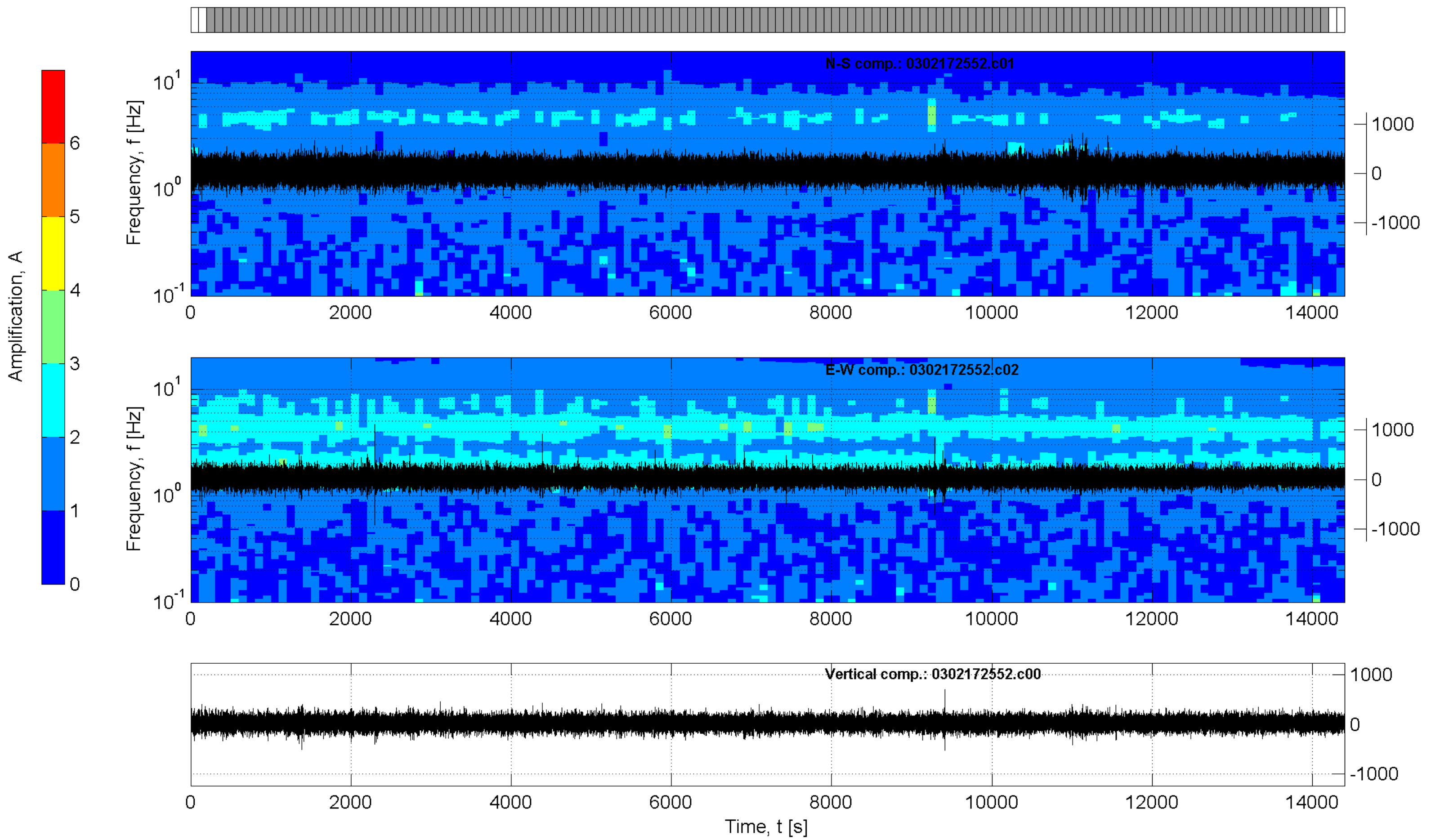
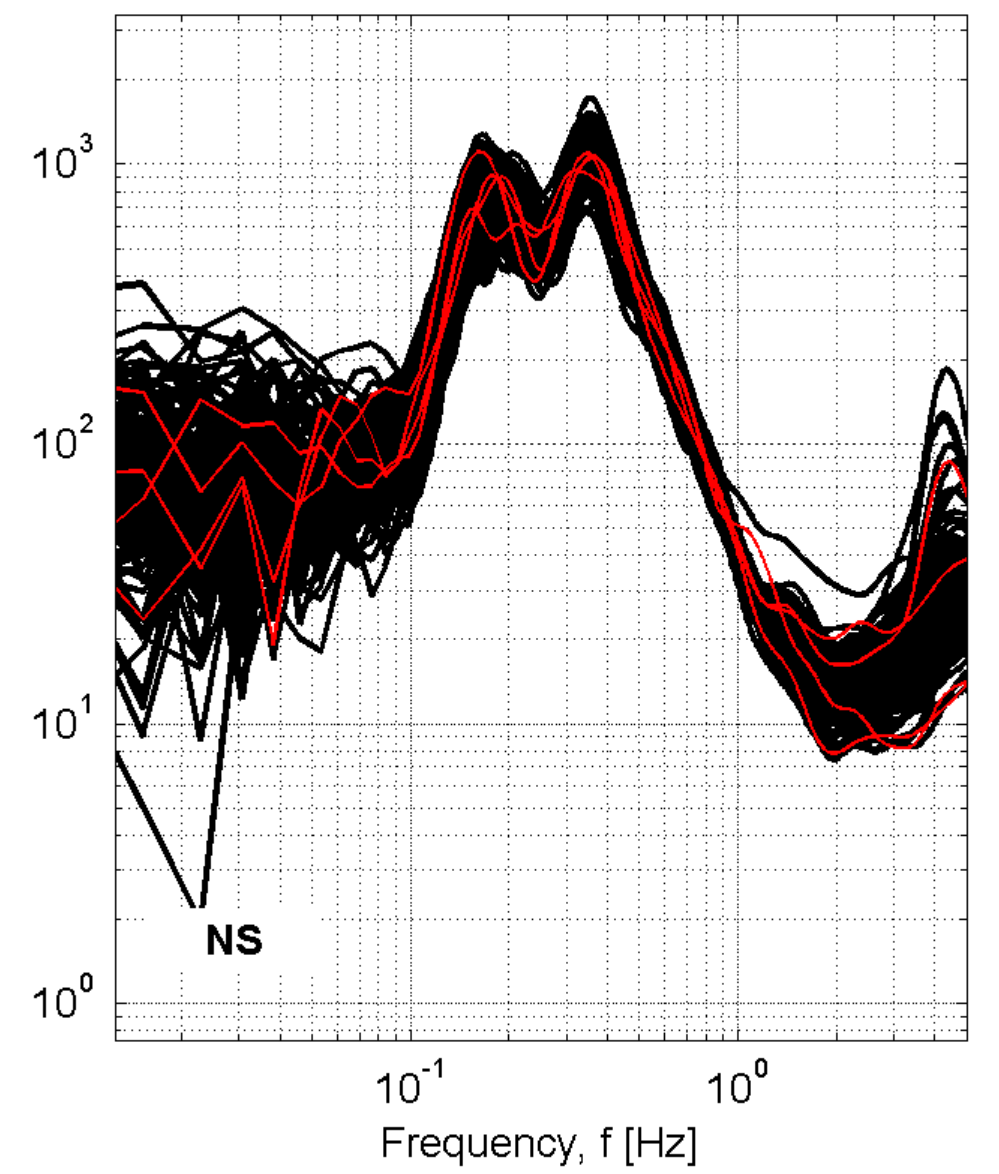
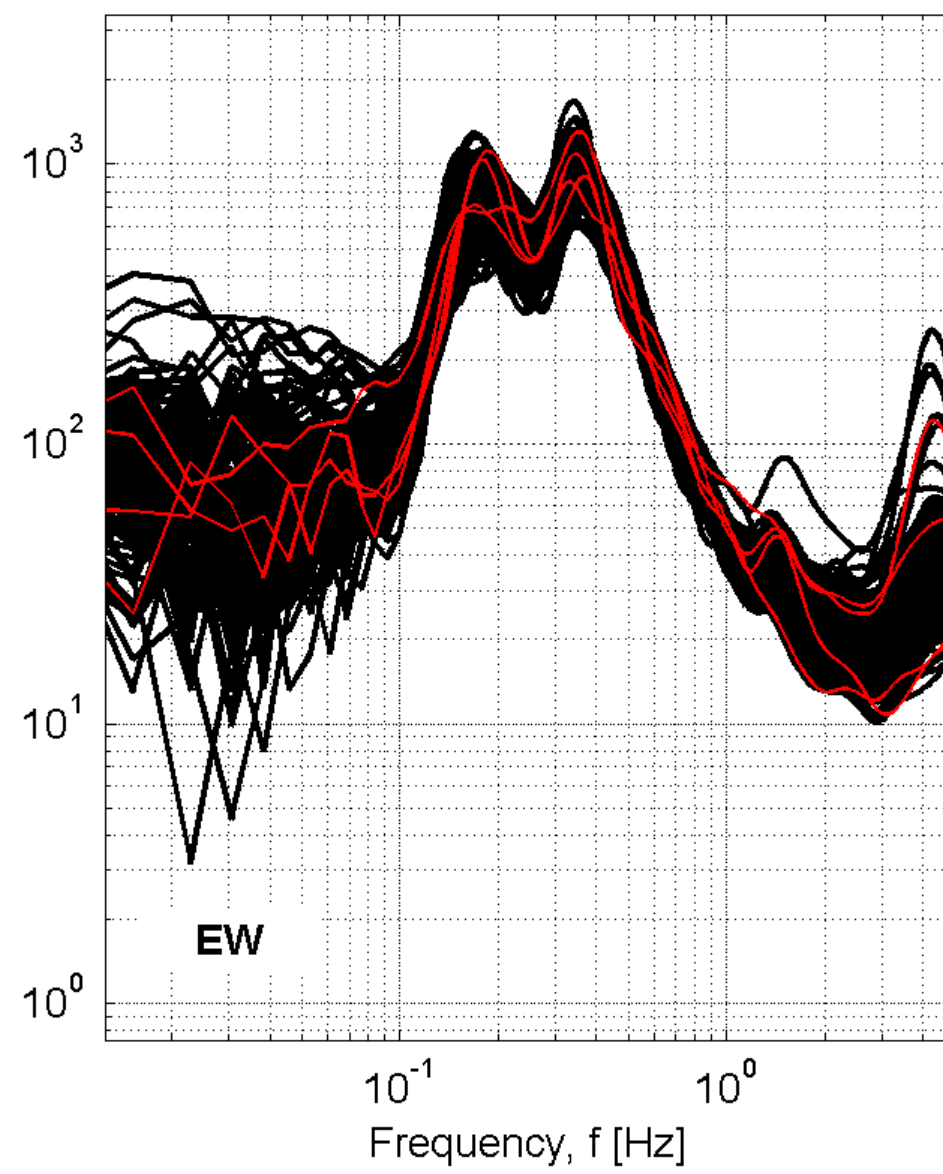
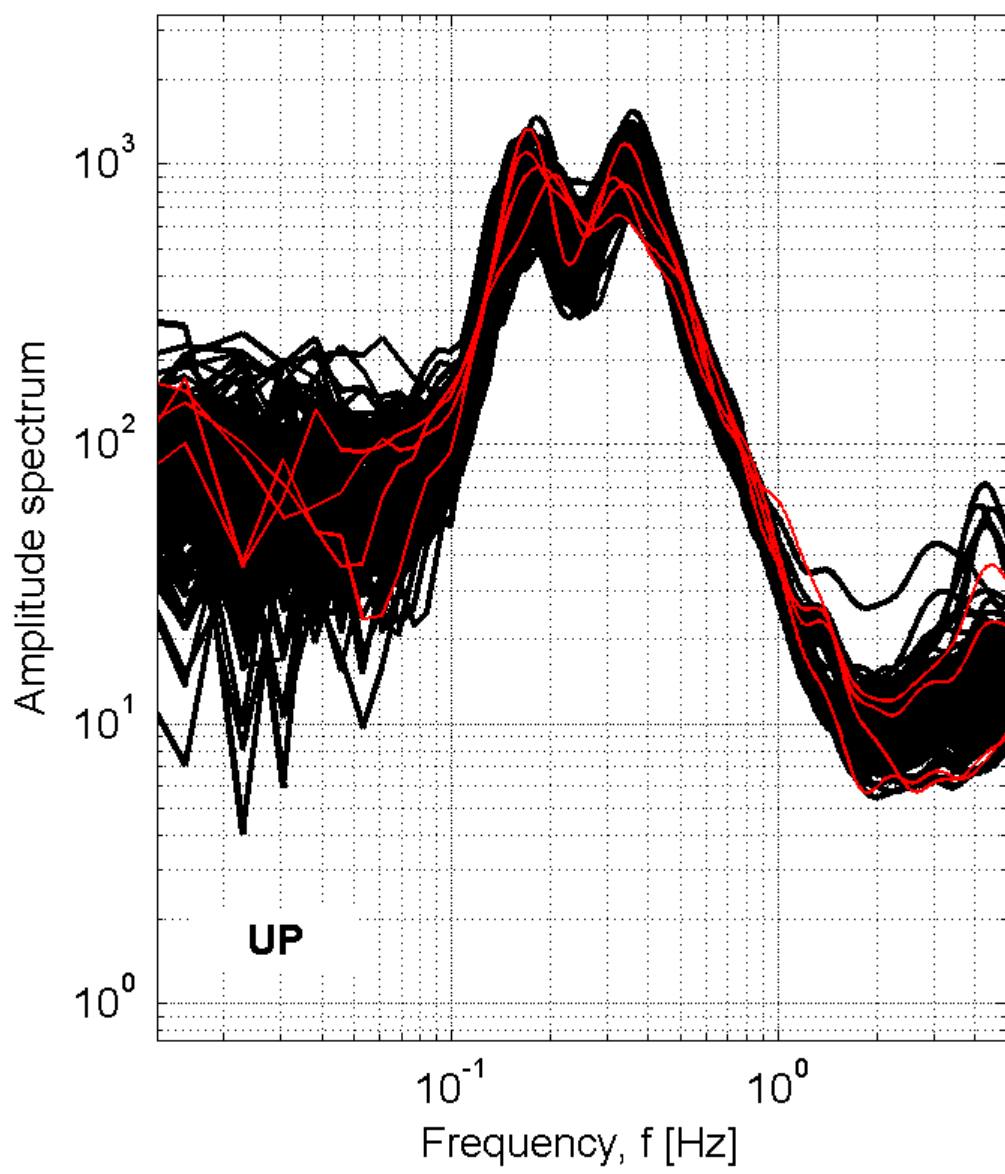
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# RIC-Riccia



## Station: RIC-Riccia

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

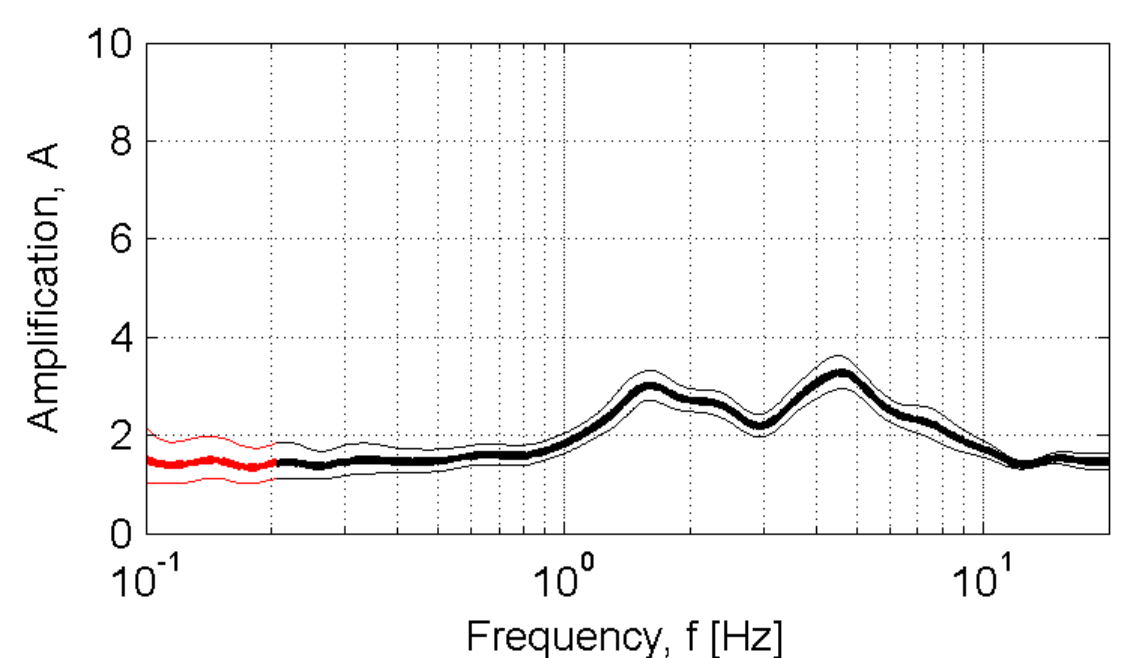
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

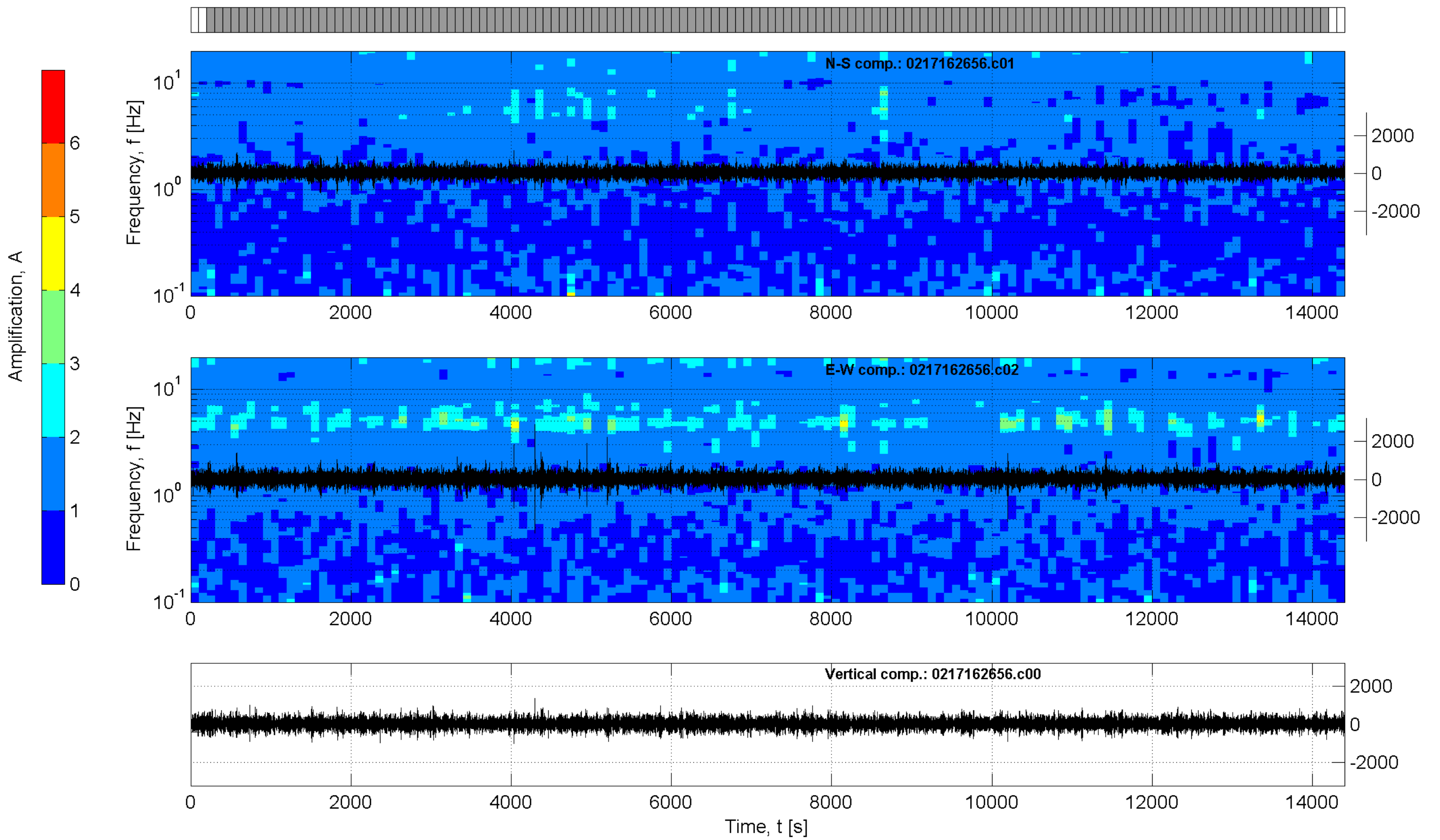
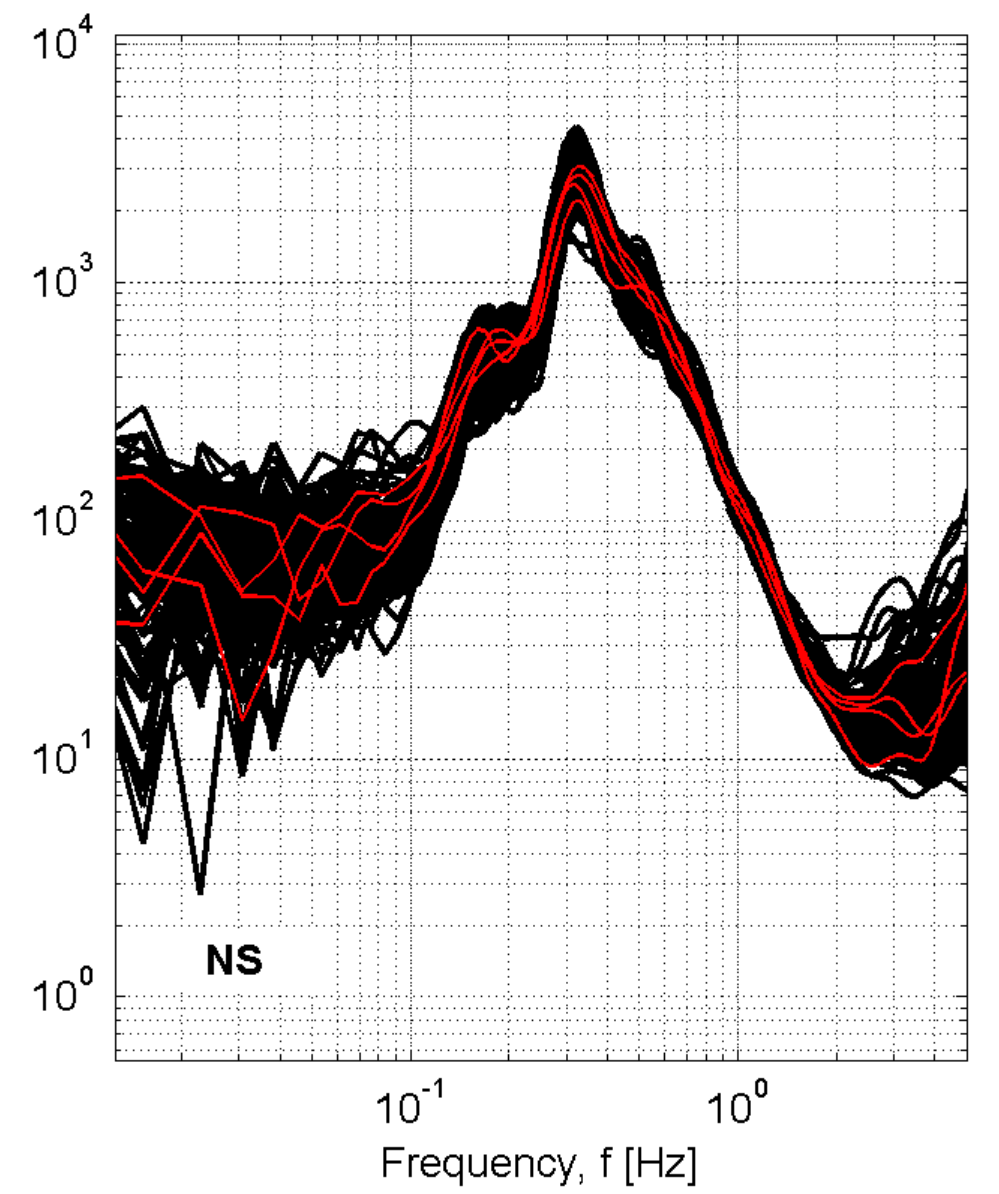
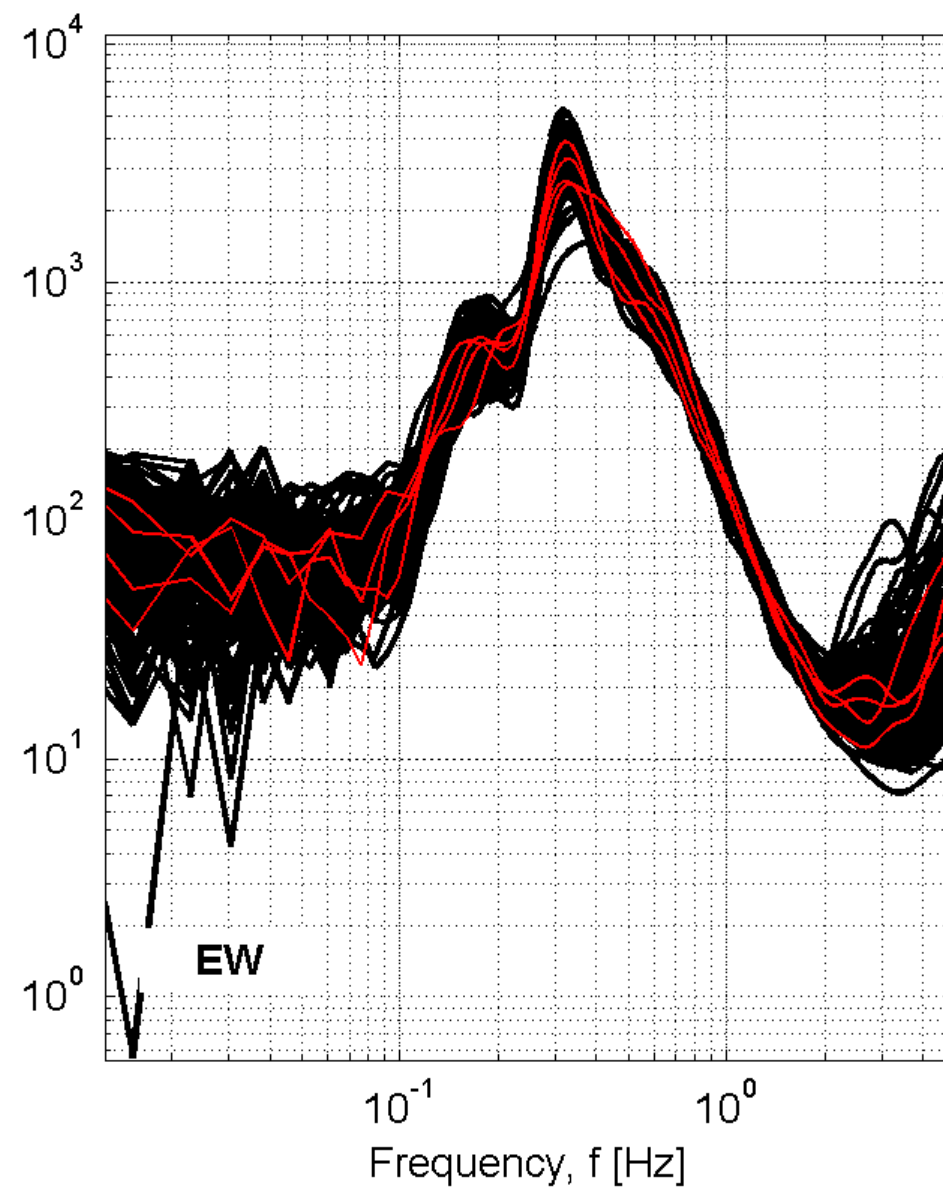
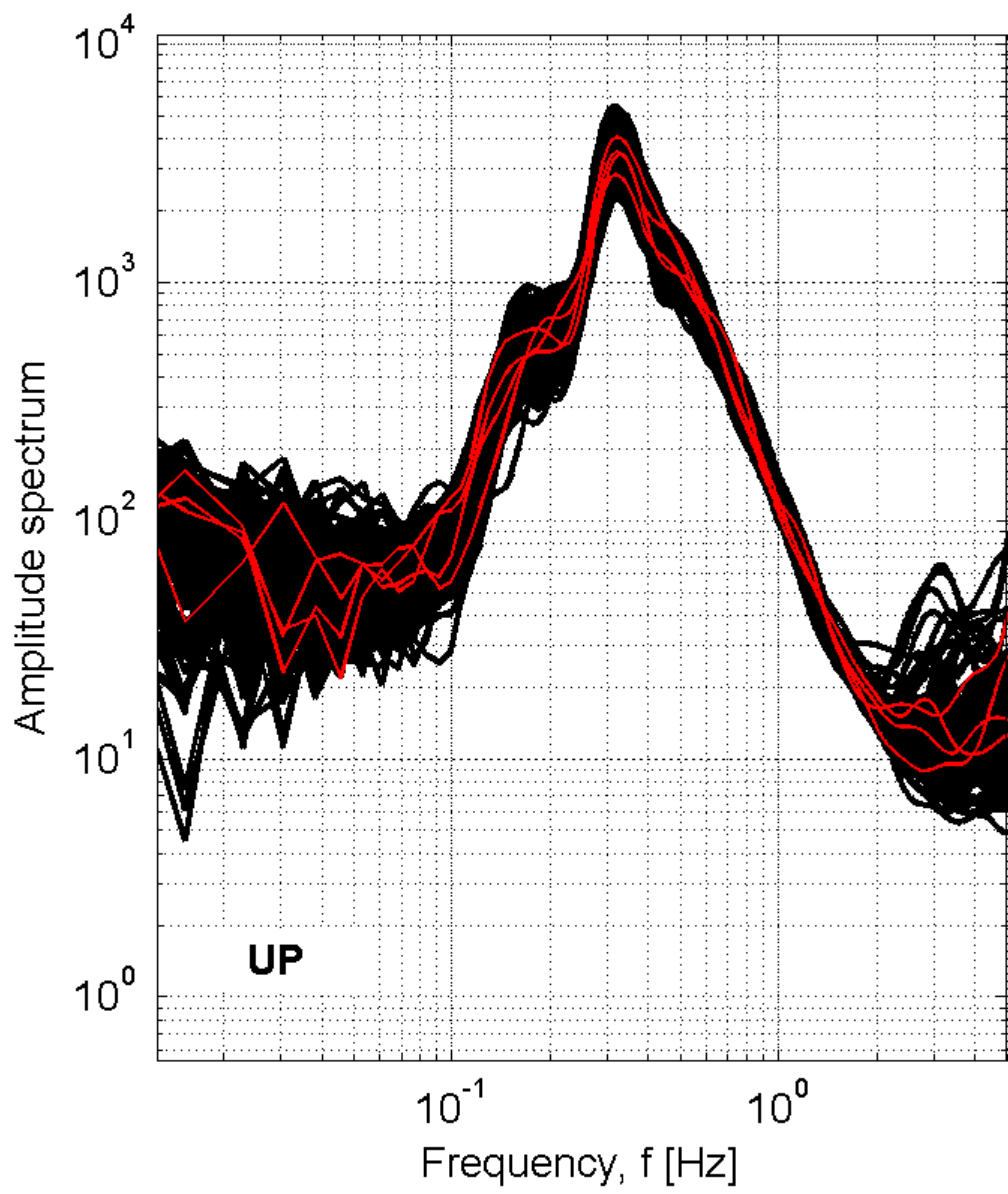
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# RNS-Ronco Scrivia



## Station: RNS-Ronco Scrivia

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

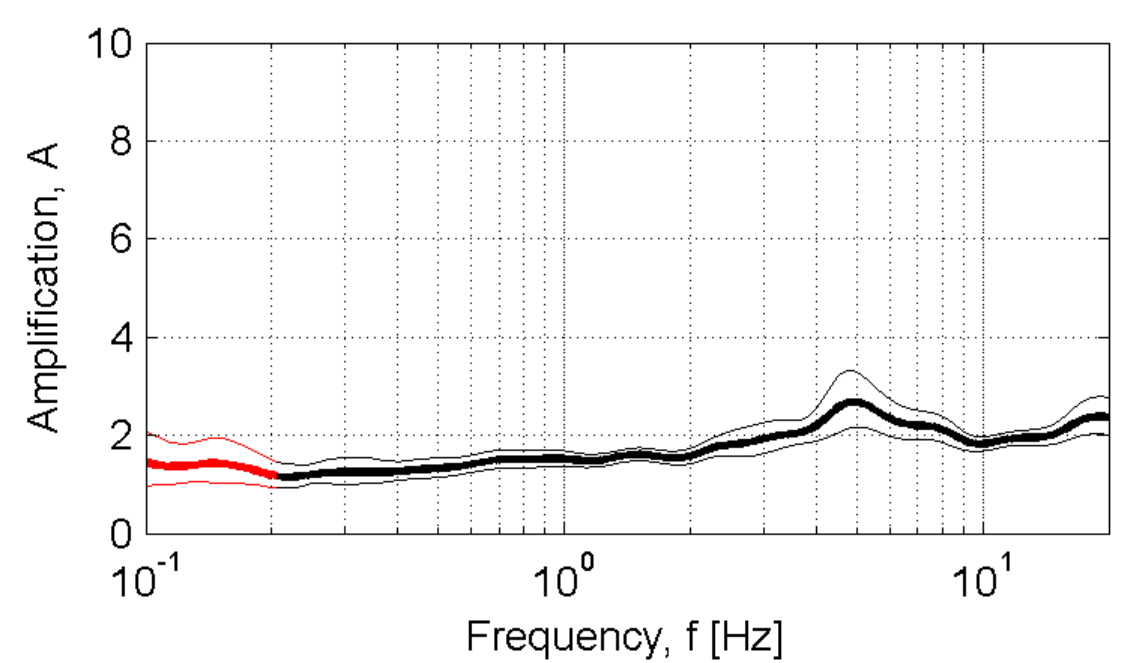
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

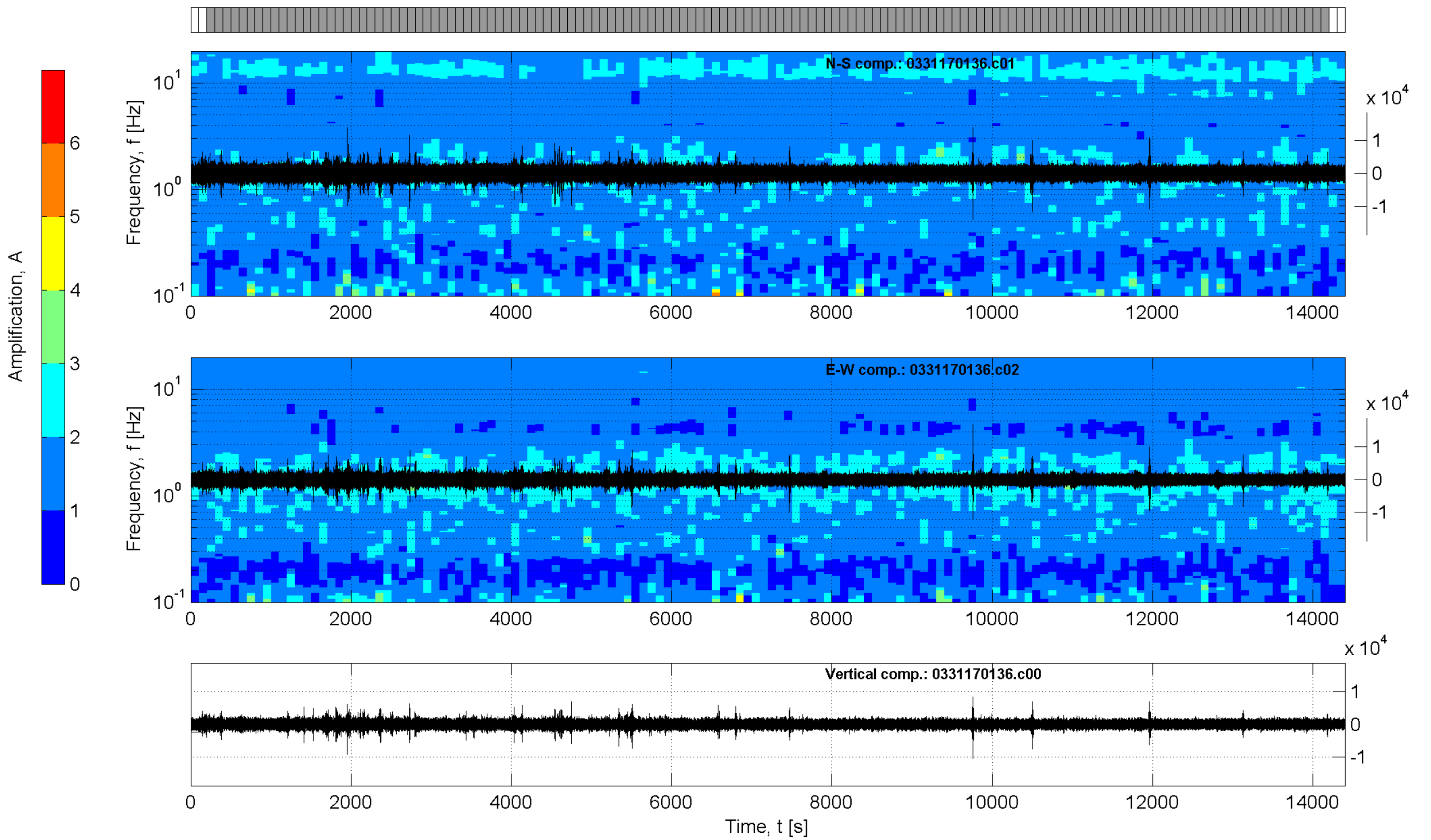
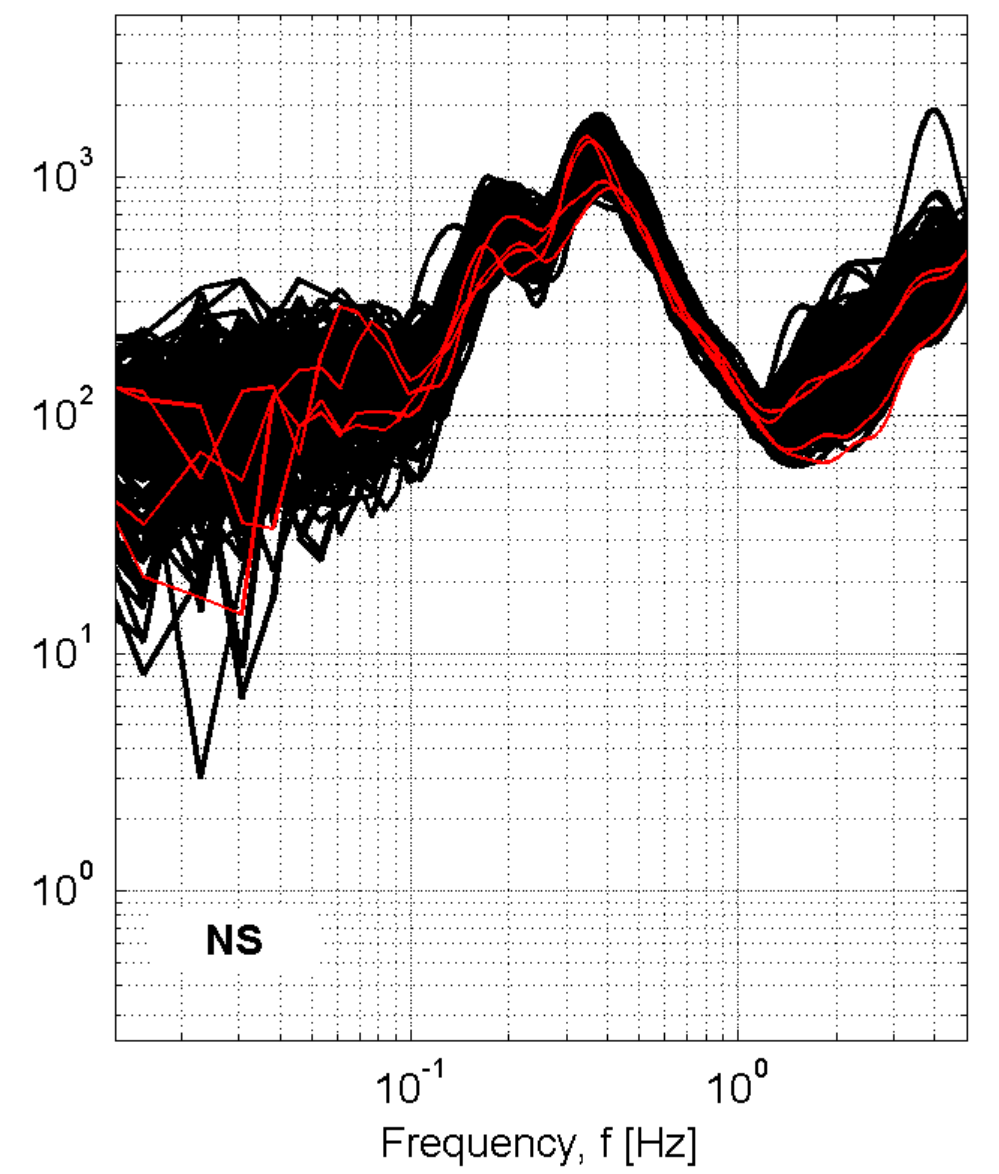
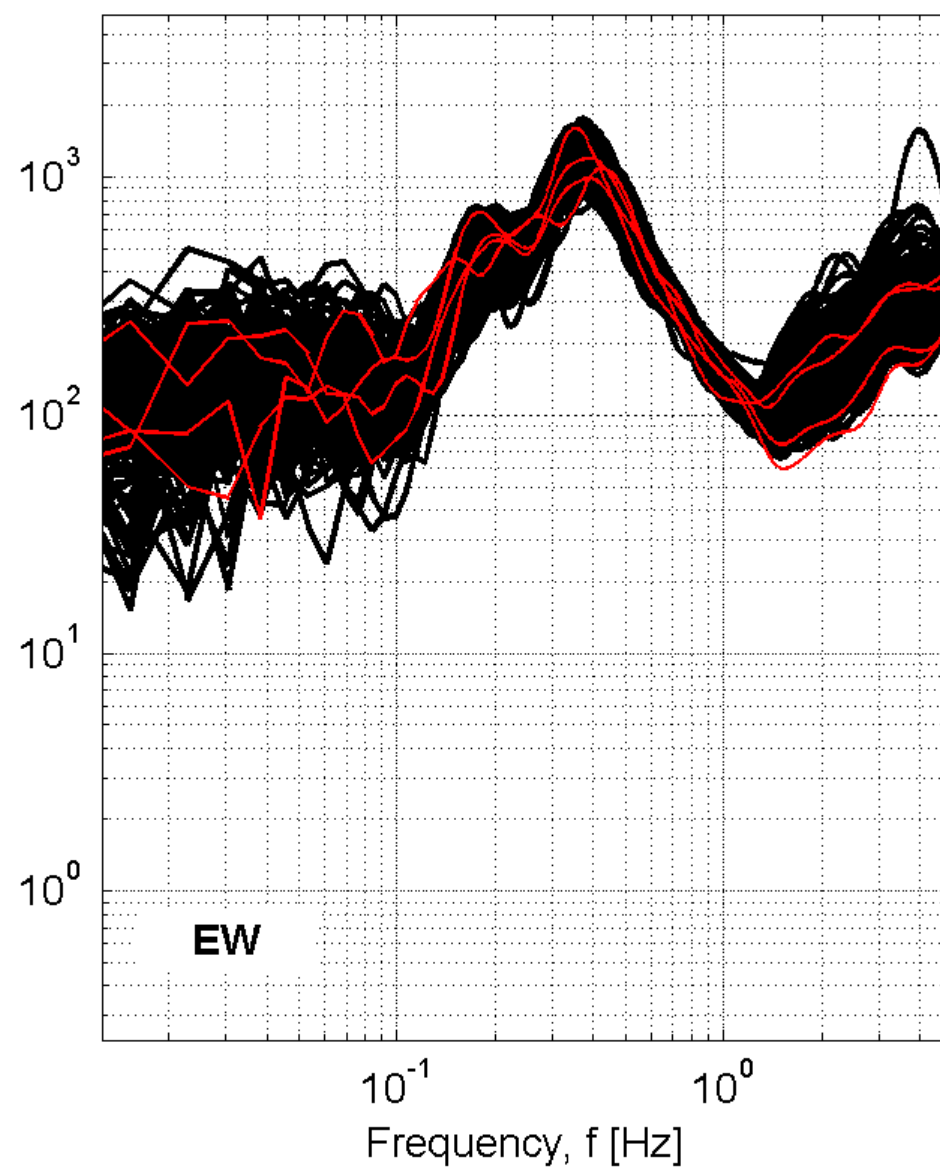
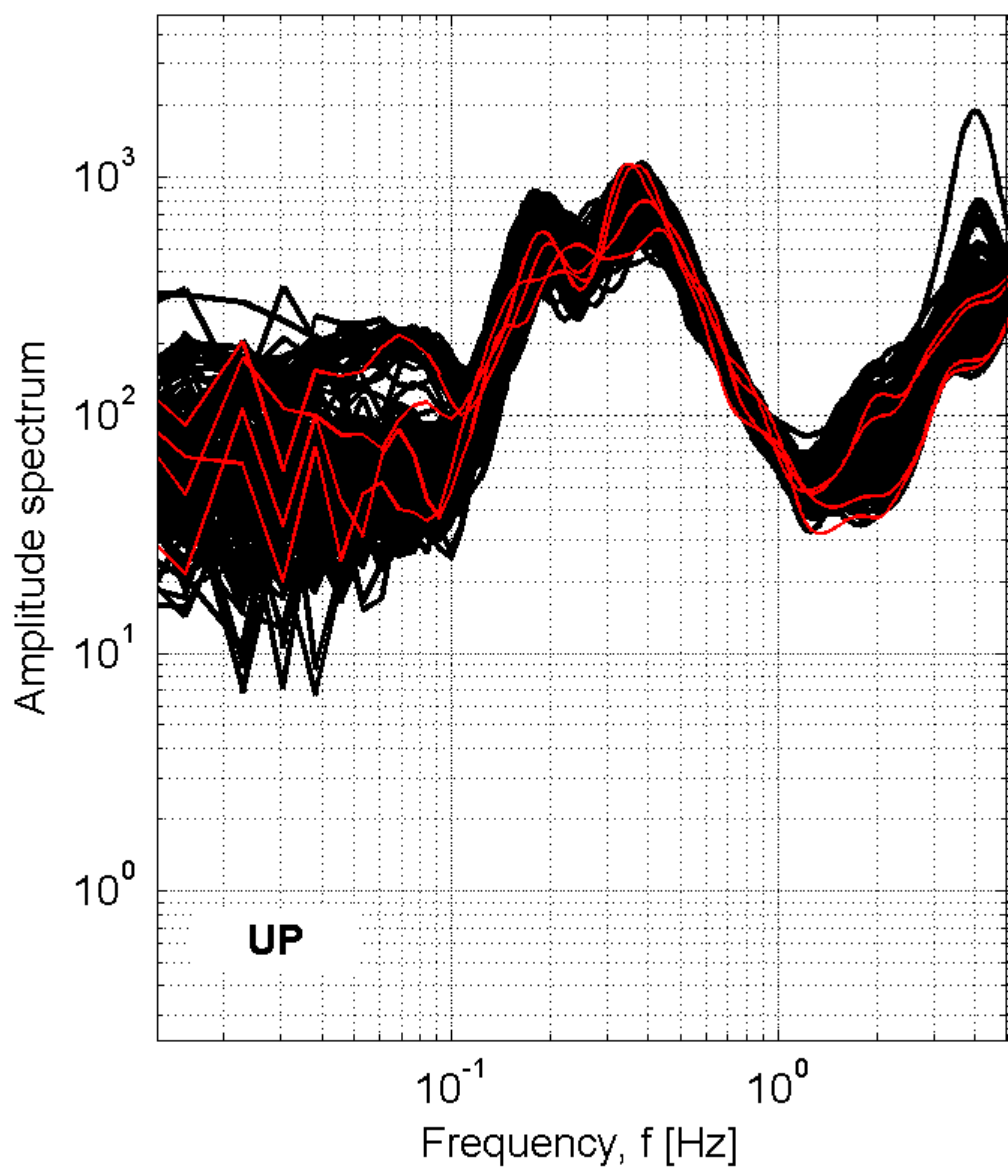
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# RVT-Rio Nero in Vulture



## Station: RVT-Rio Nero in Vulture

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

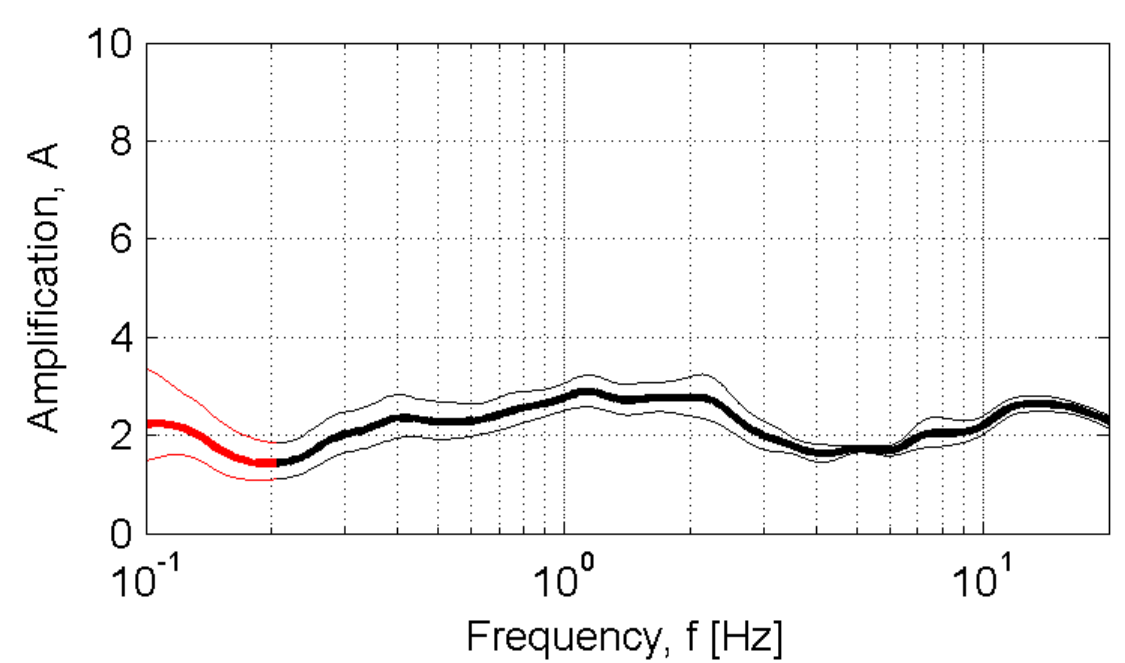
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

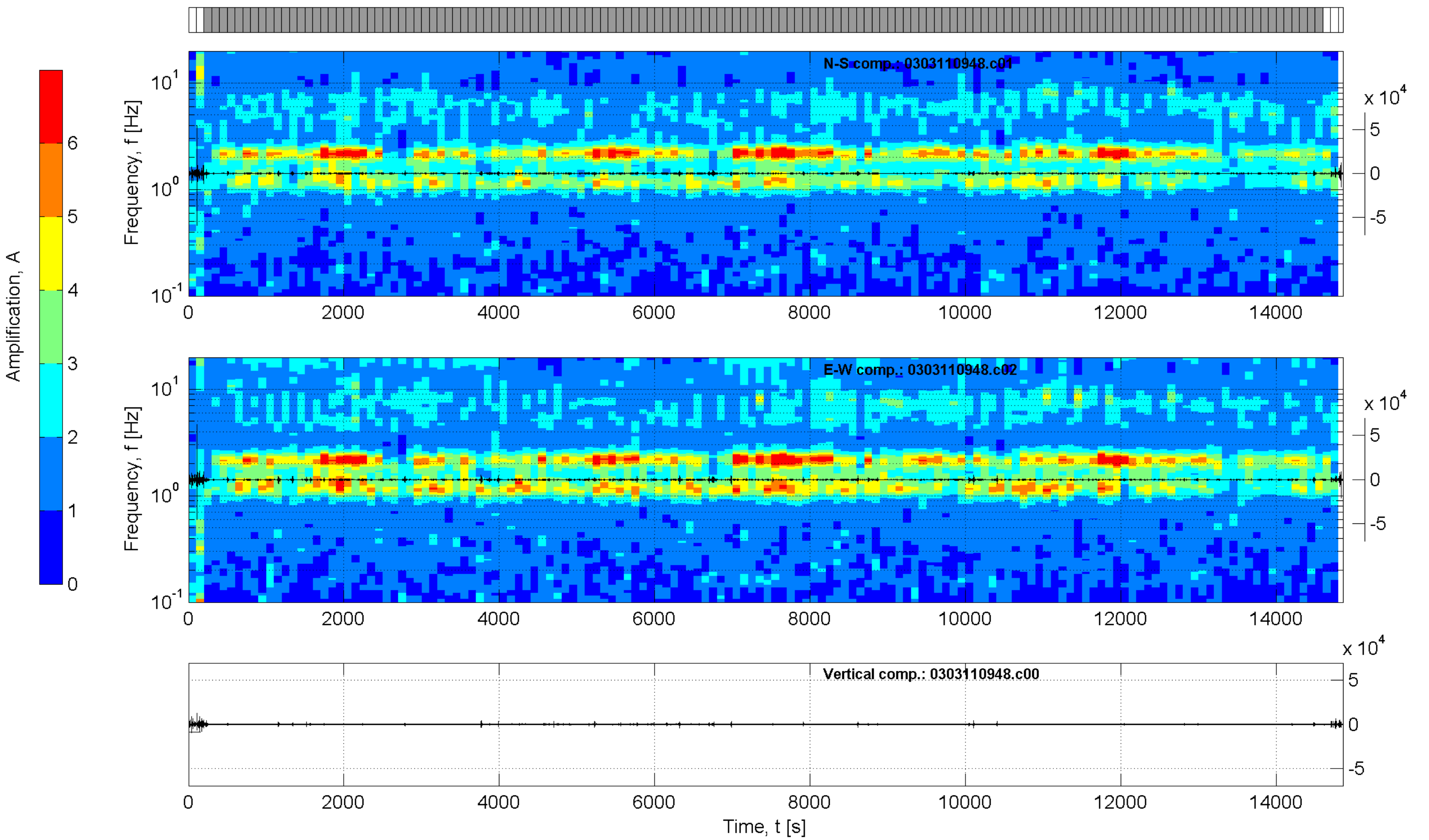
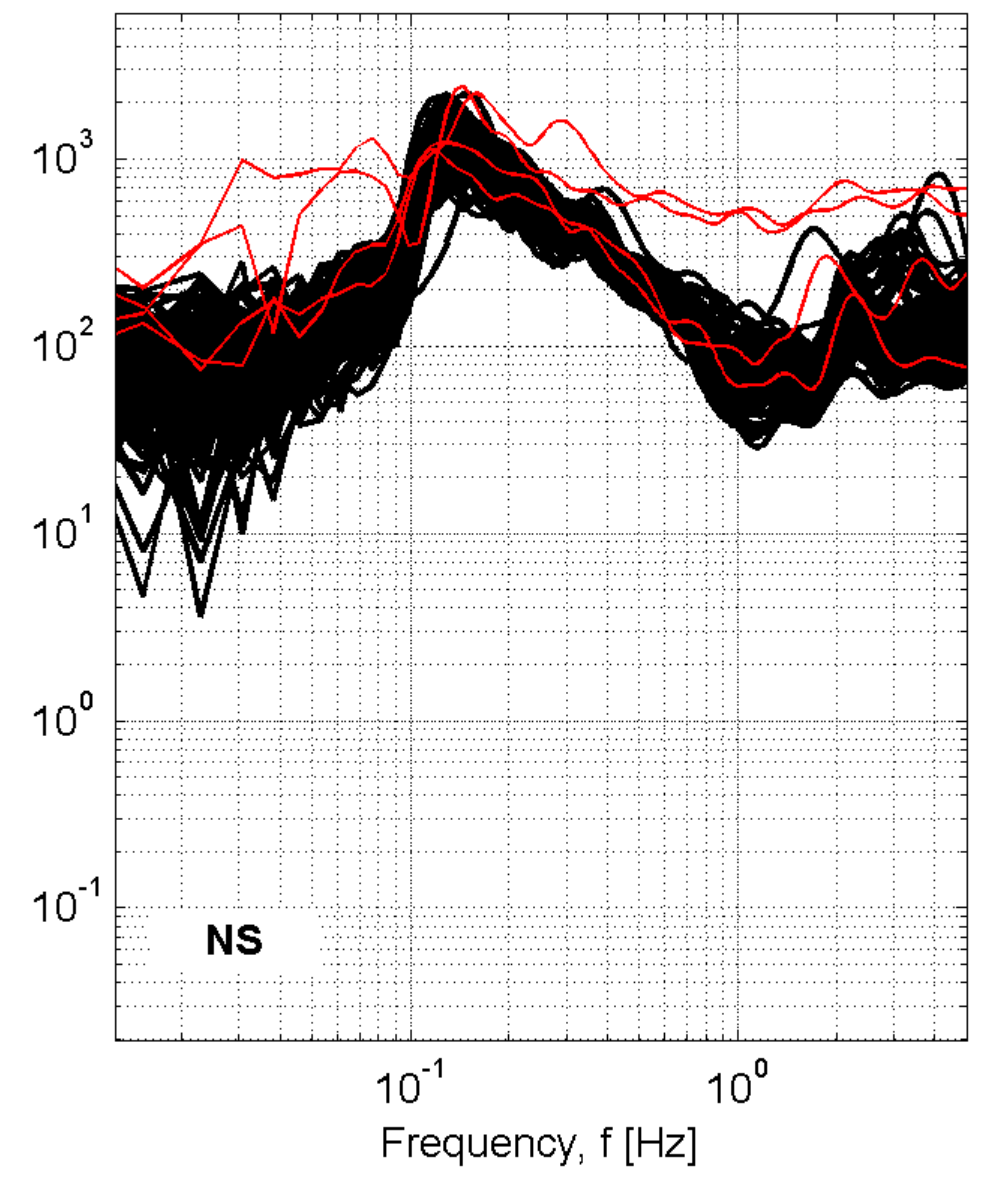
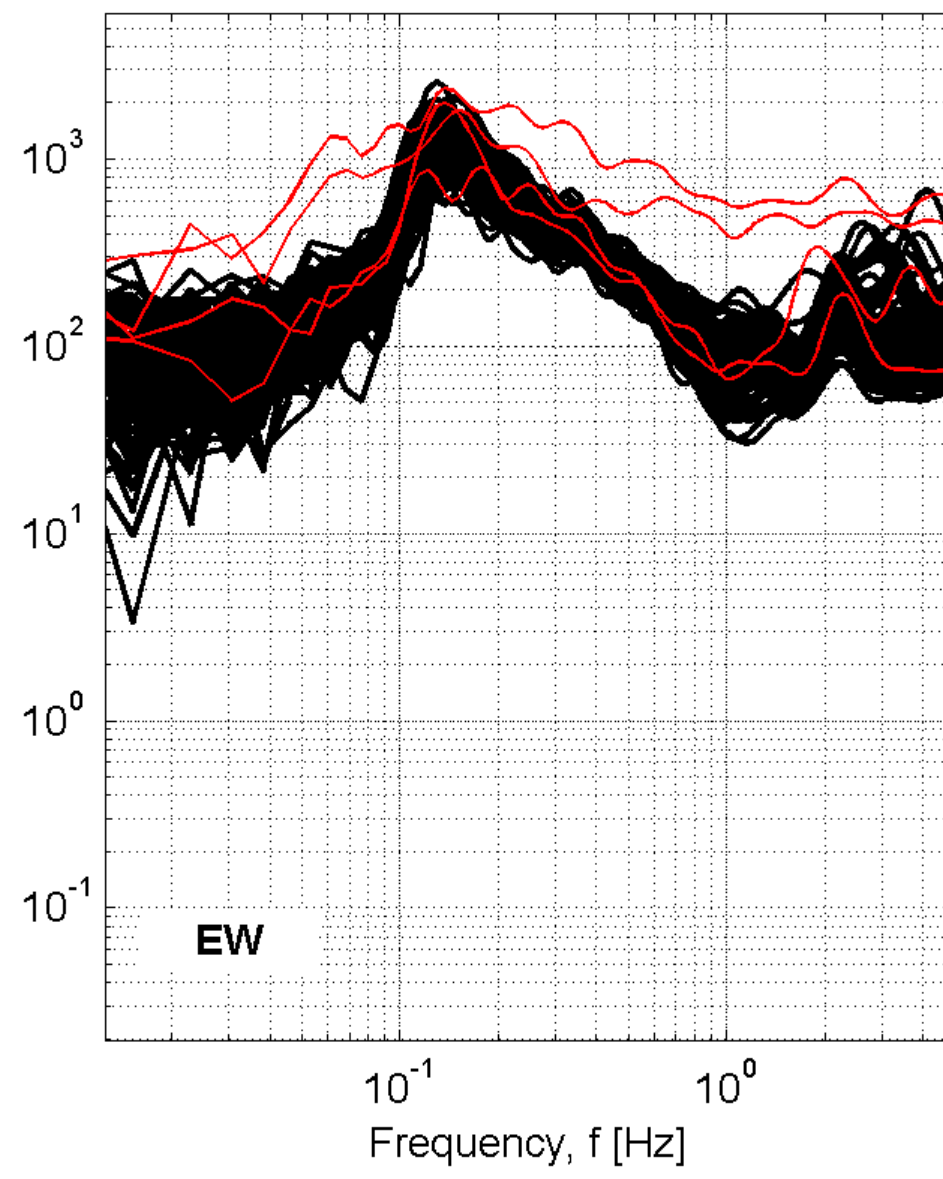
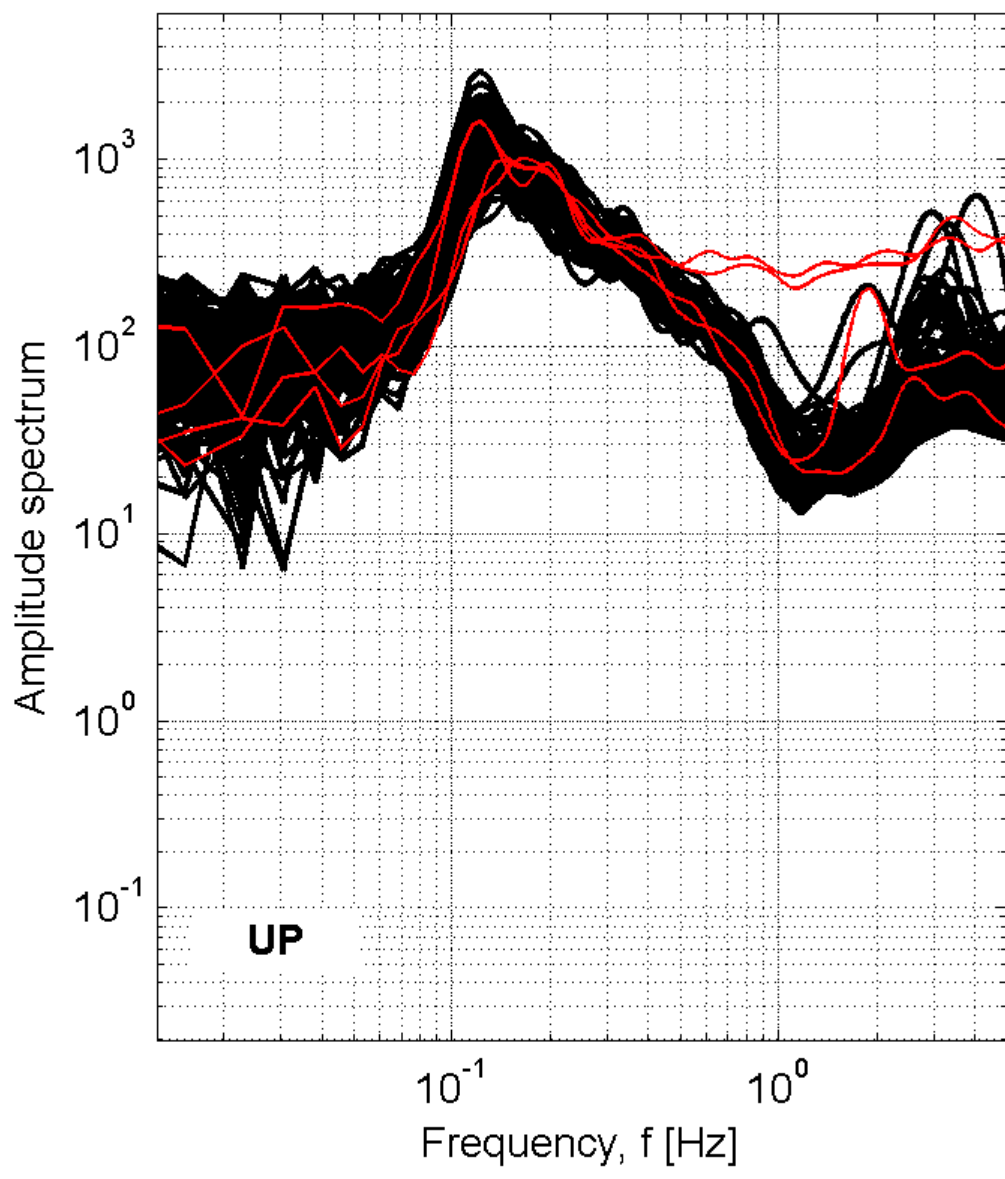
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



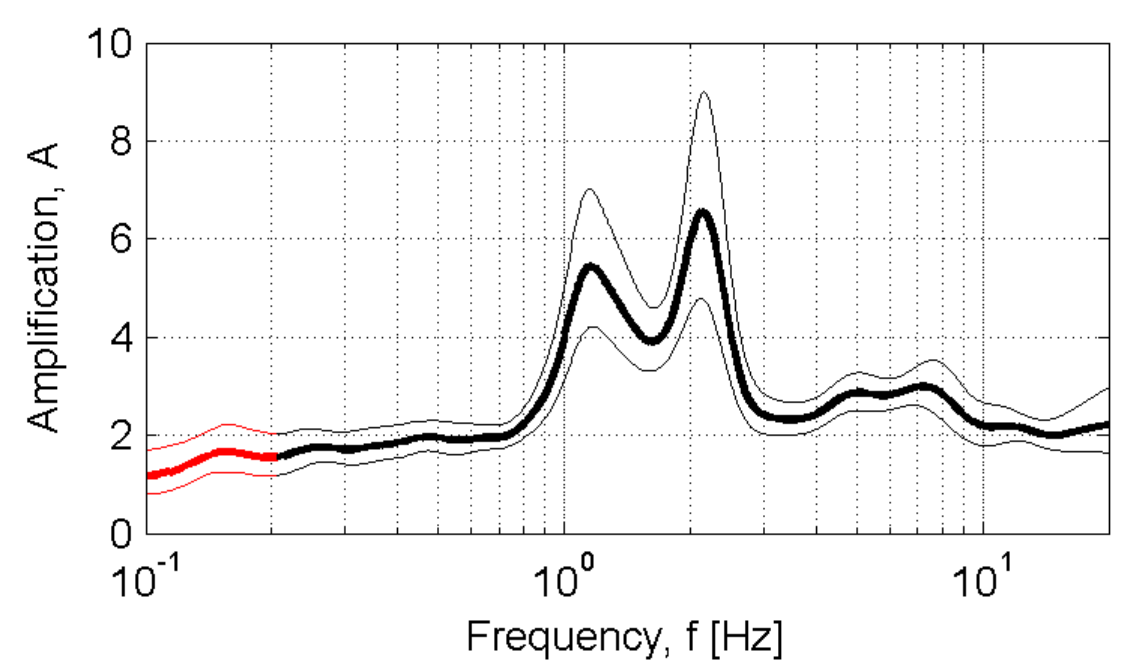
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# SAB-S\_Bartolomeo in galdo



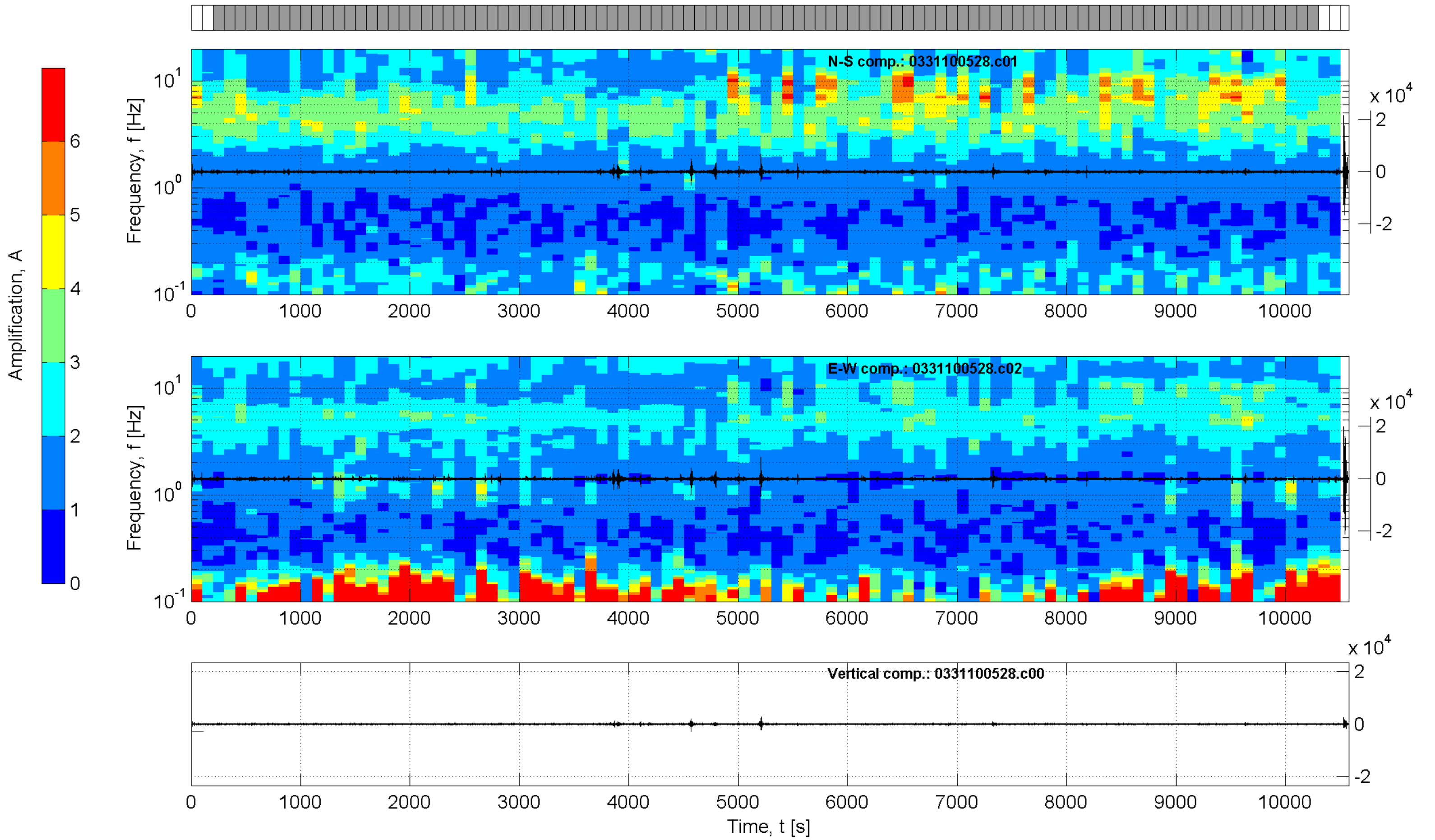
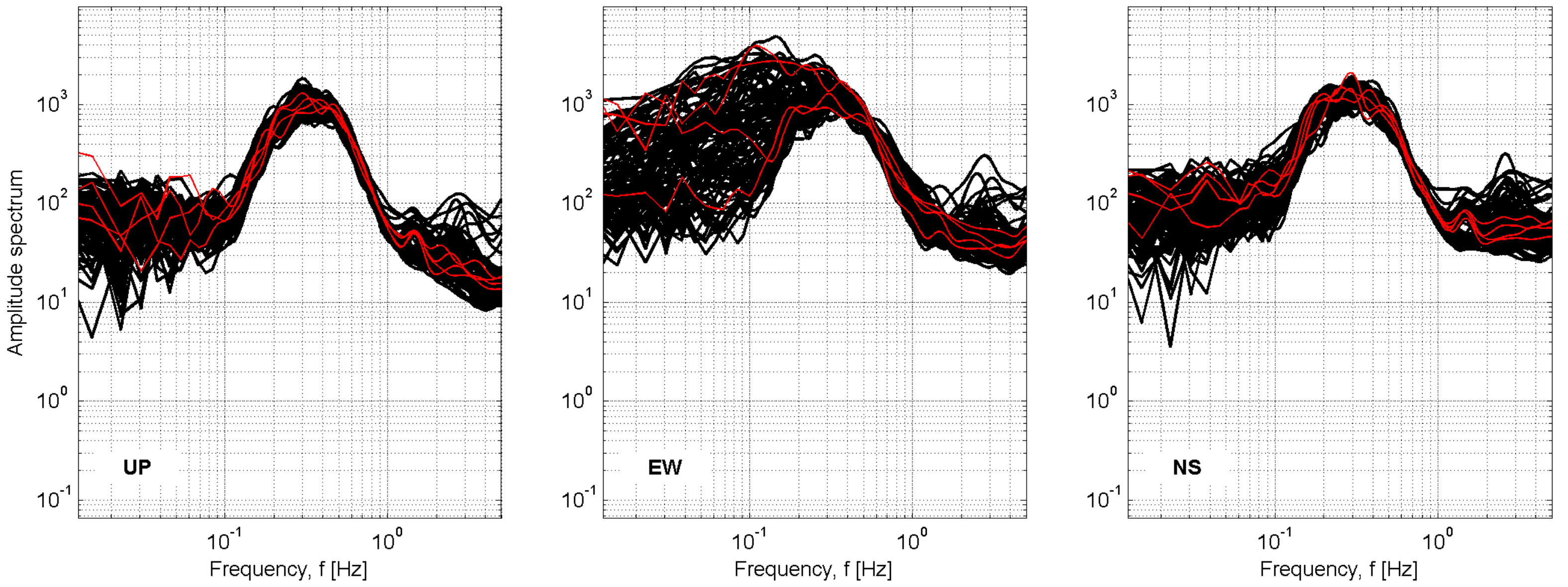
## Station: SAB-S\_Bartolomeo in galdo

Recording duration: 247:40 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



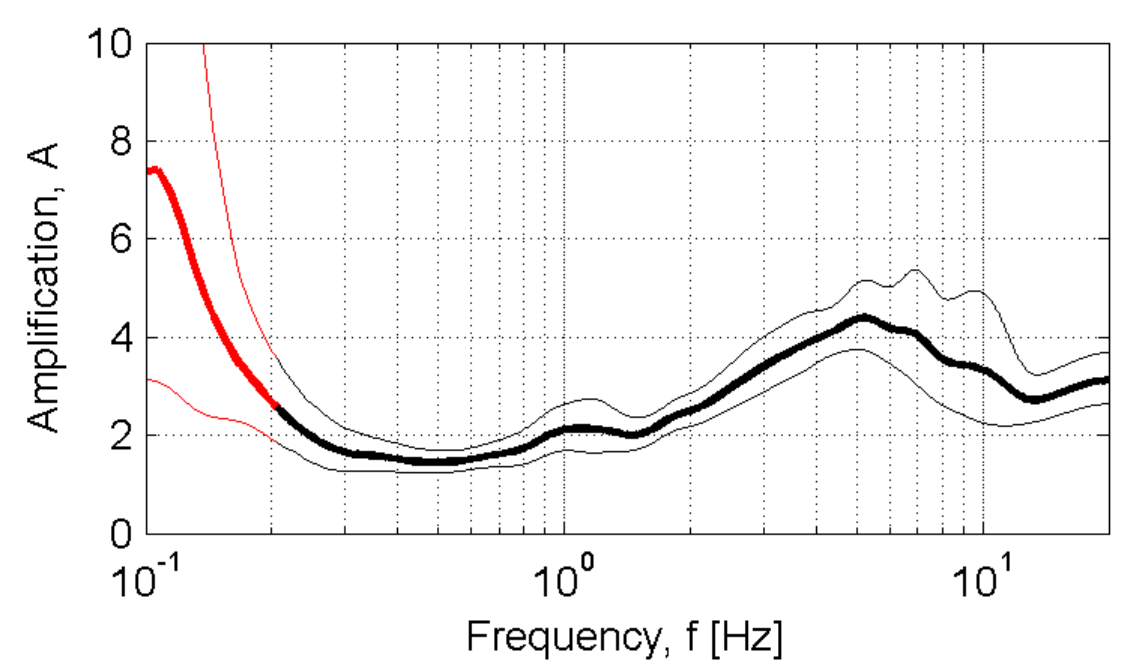
Developed in the field of the DPC-INGV S4-Project (2007-2009)  
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# SAG-S Angelo dei Lombardi



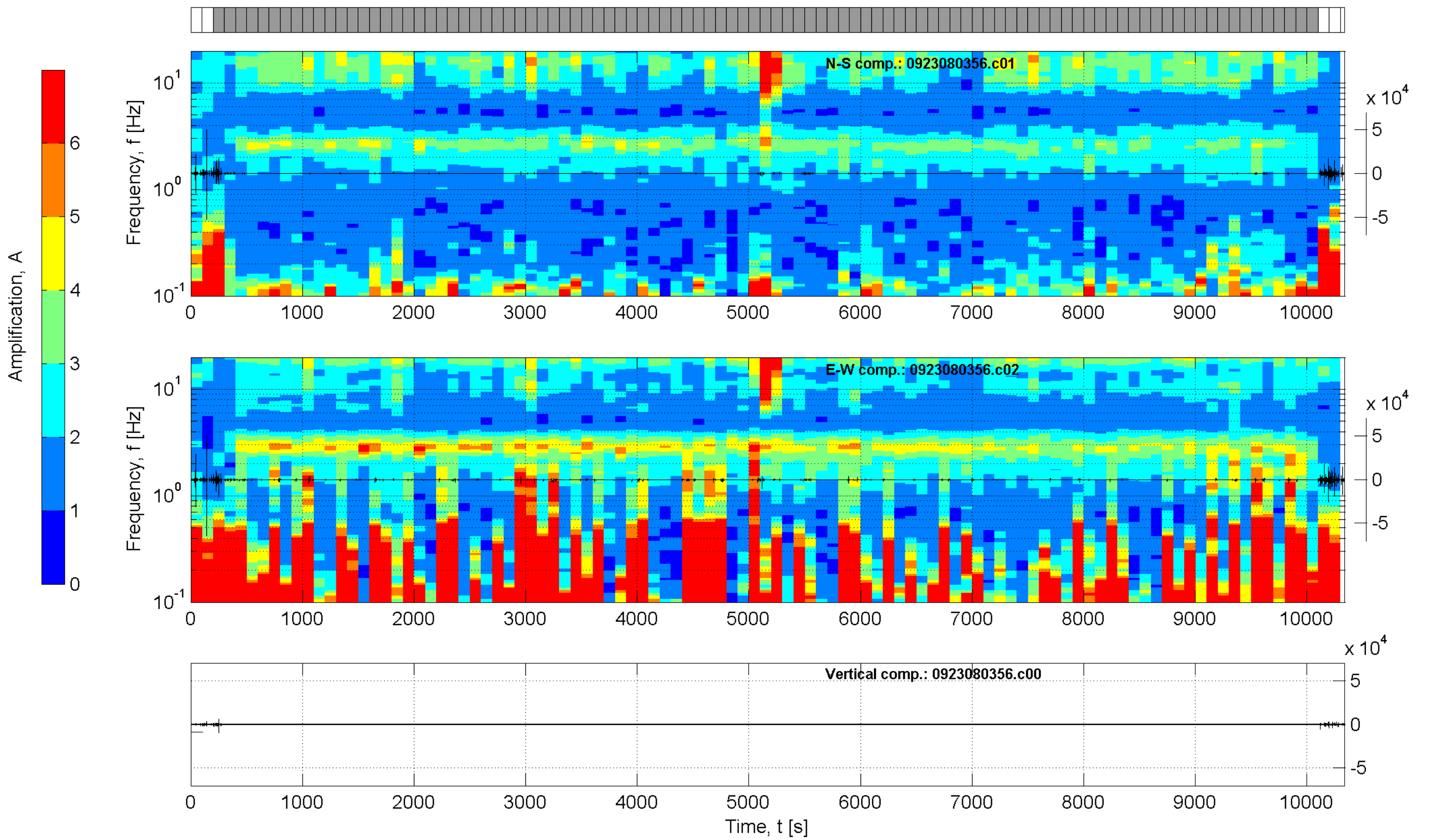
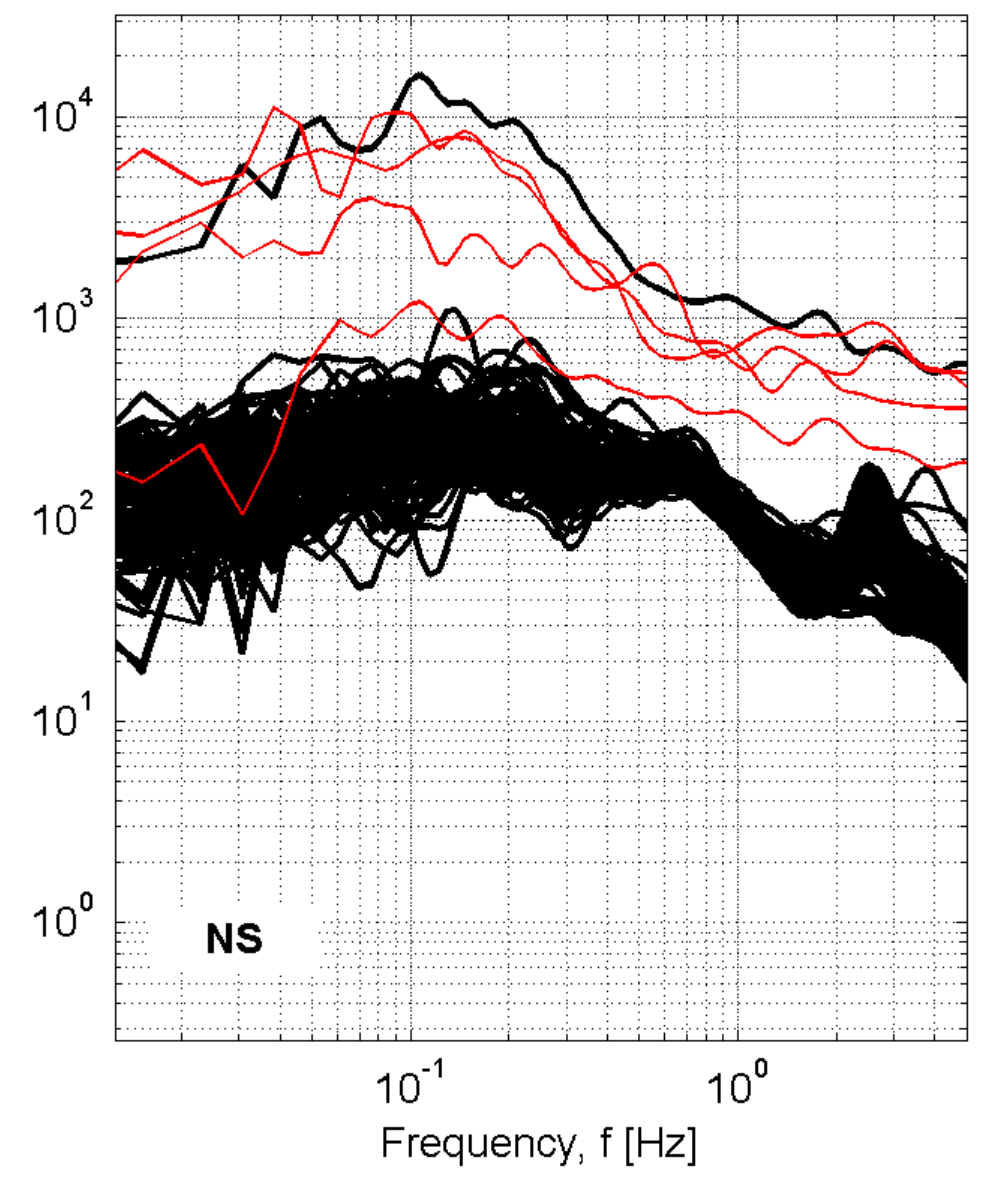
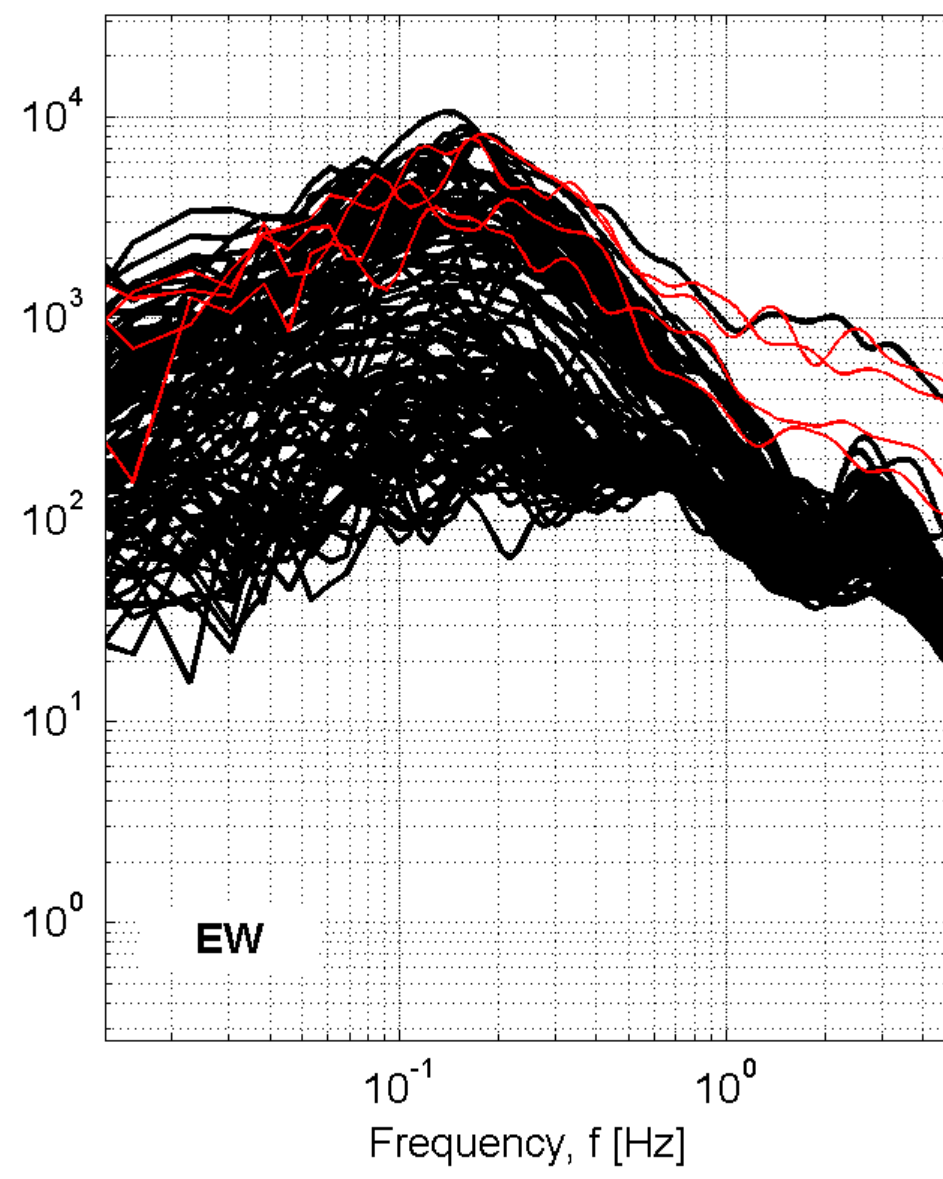
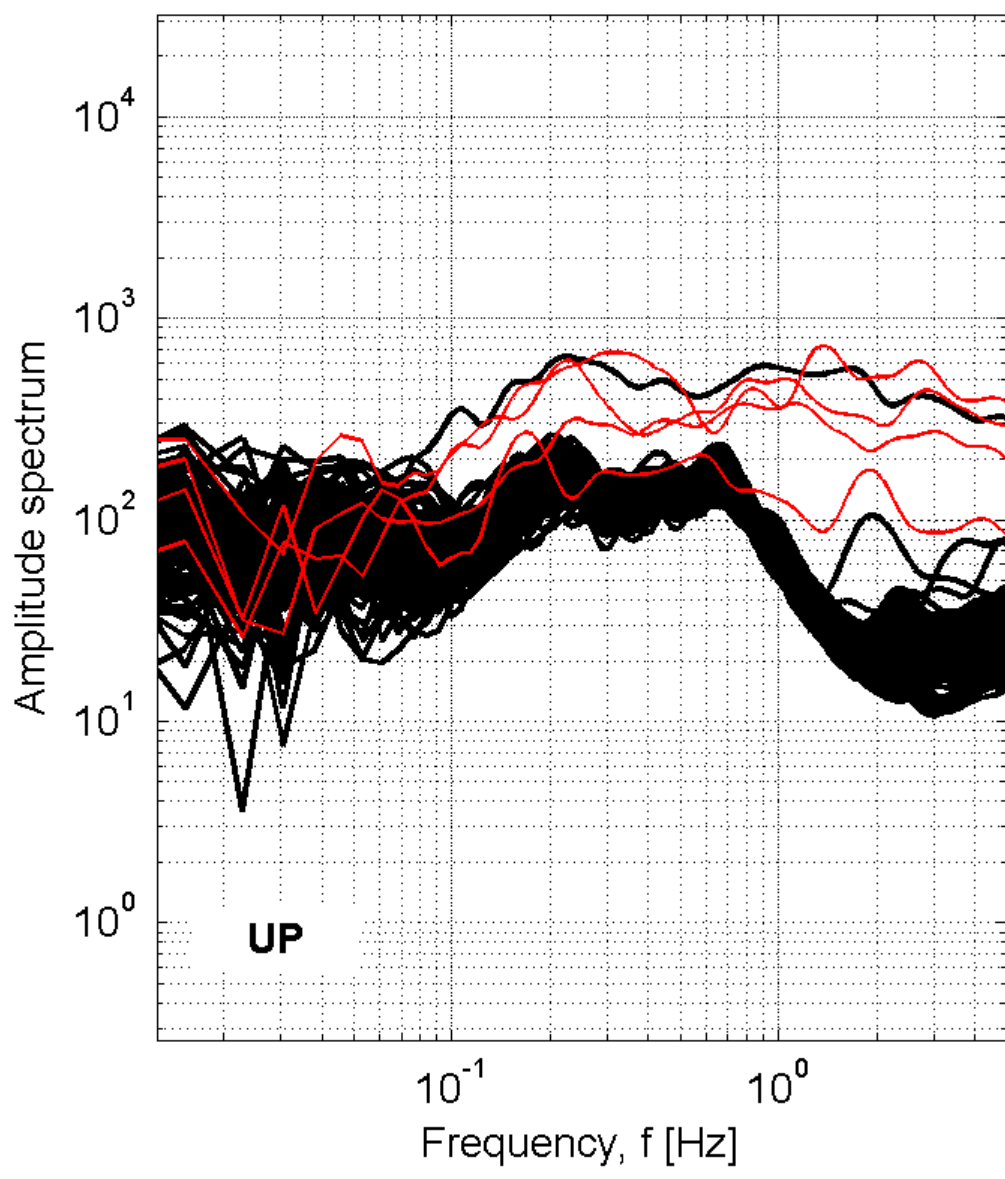
## Station: SAG-S Angelo dei Lombardi

Recording duration: 176:16 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# SAR\_Sapri



## Station: SAR\_Sapri

Recording duration: 172:20 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

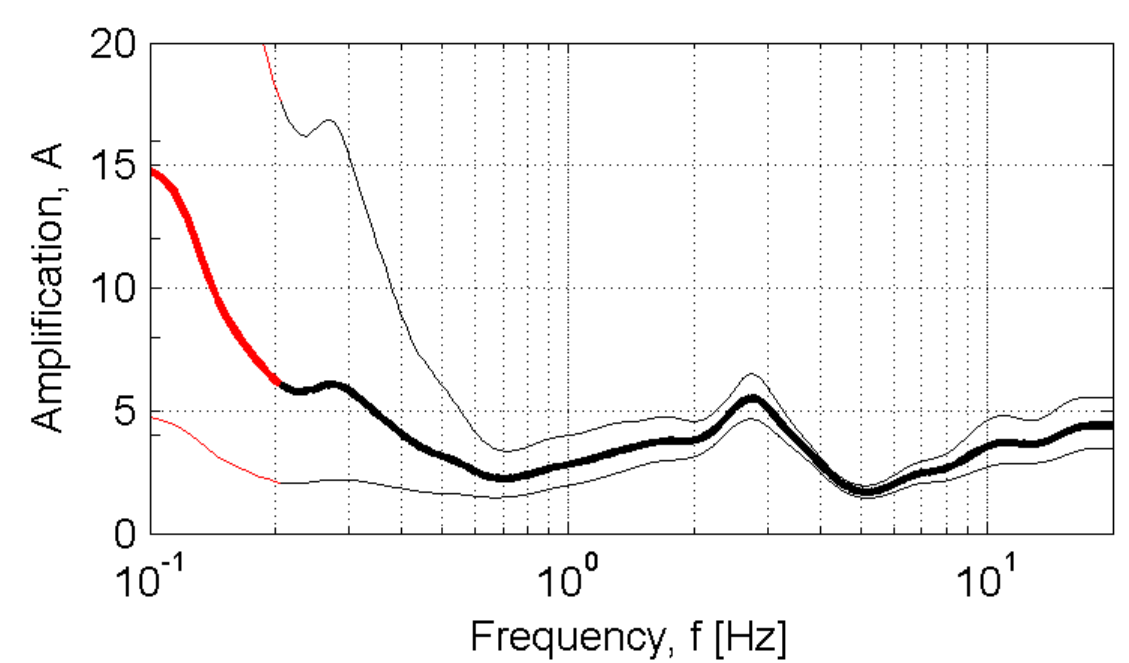
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

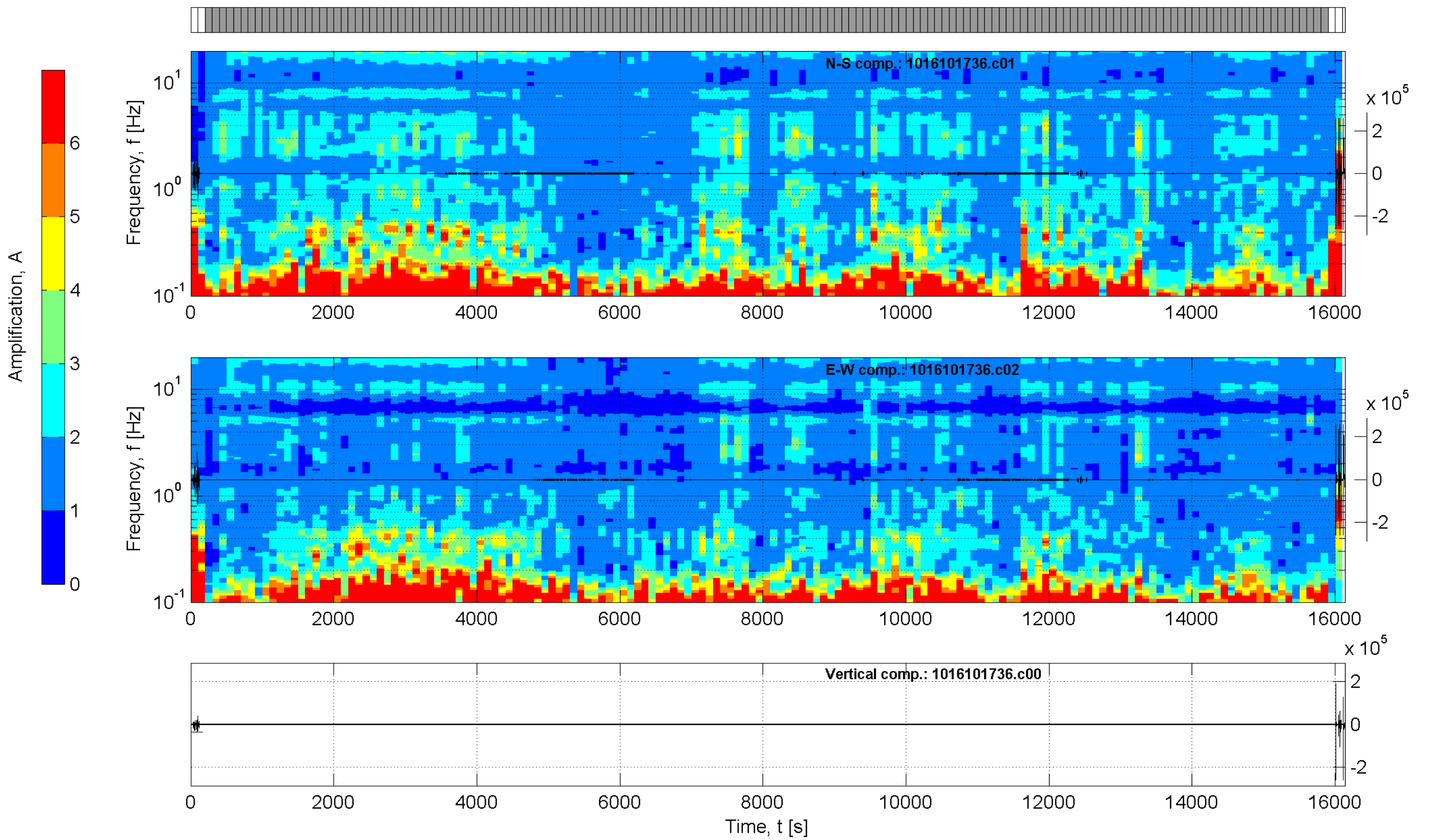
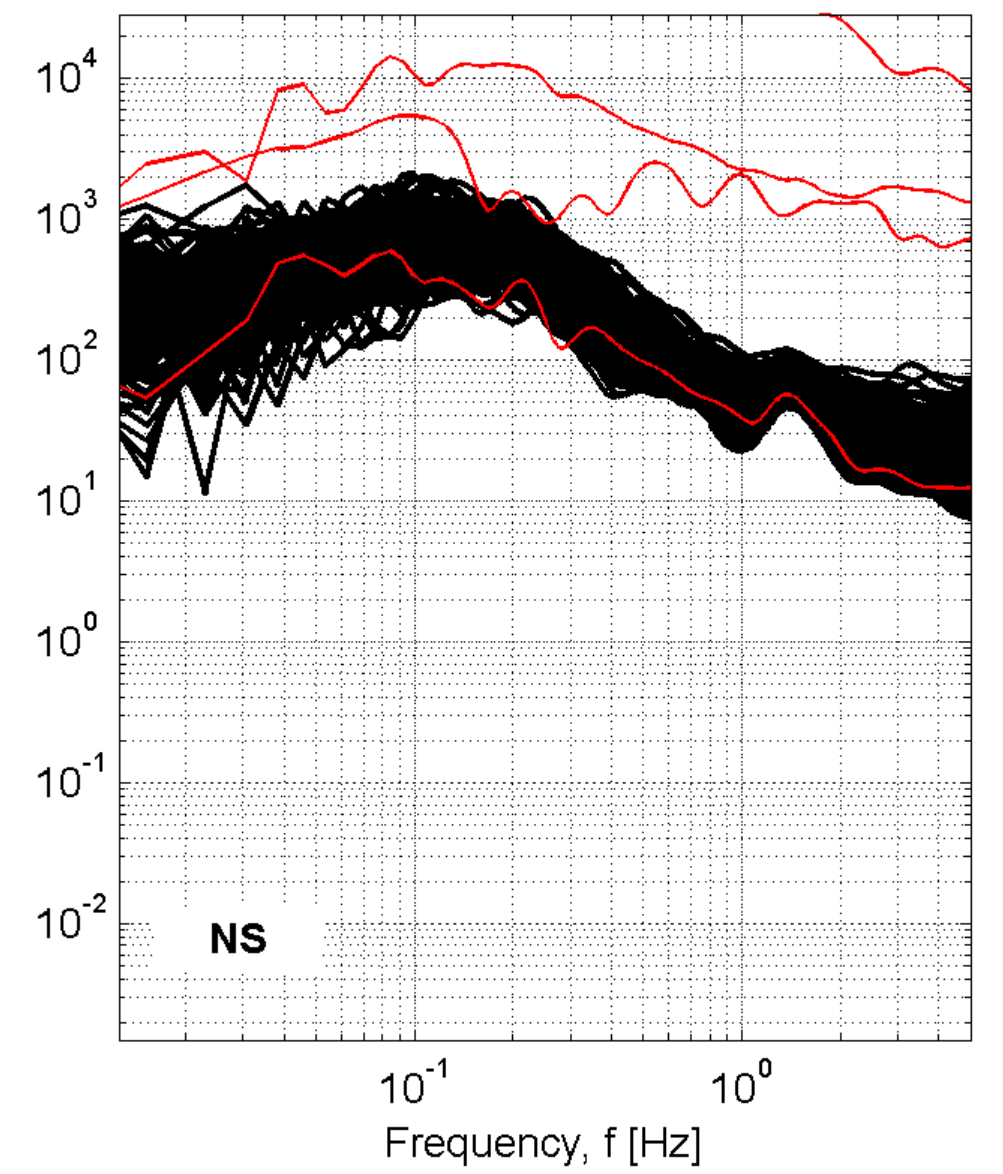
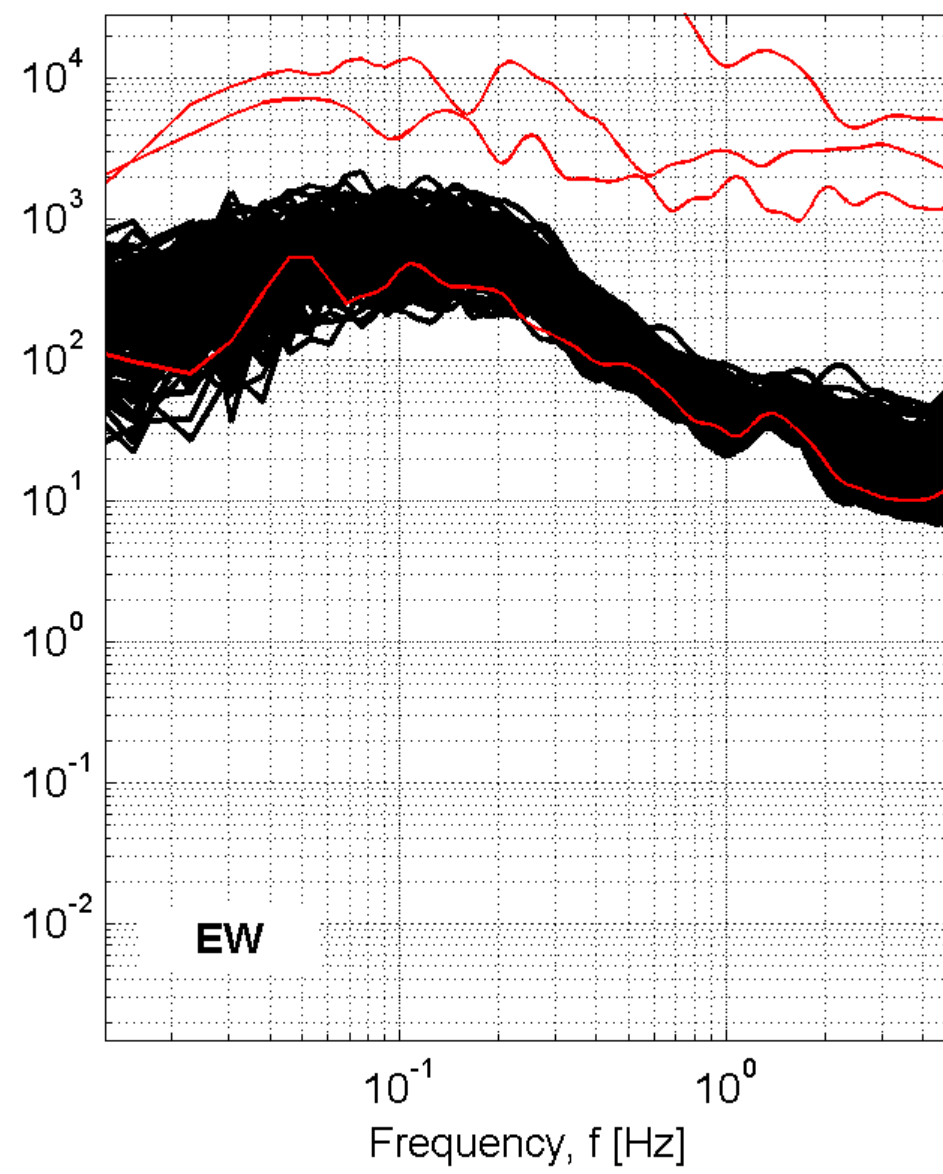
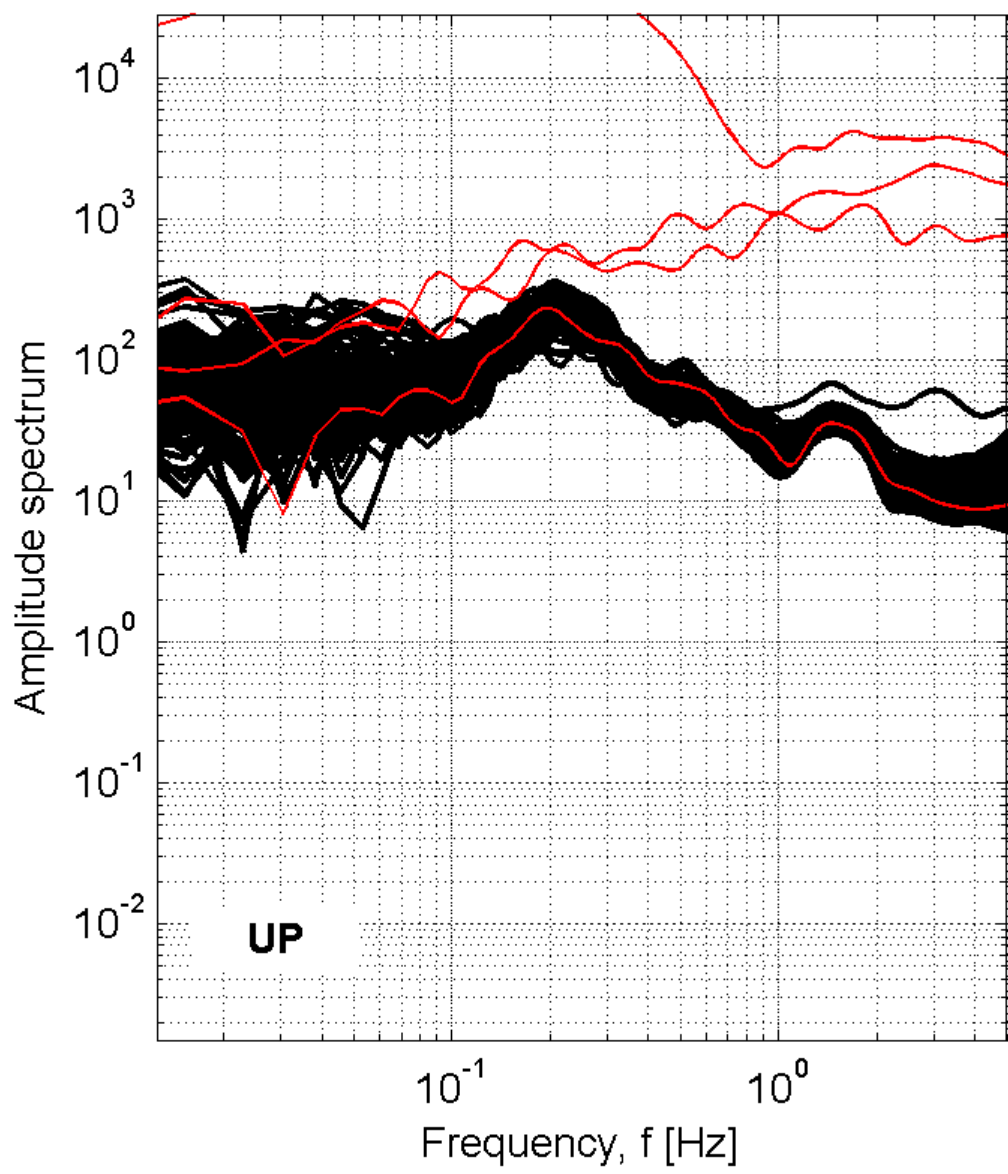
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SBC-Subiaco



## Station: SBC-Subiaco

Recording duration: 268:56 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

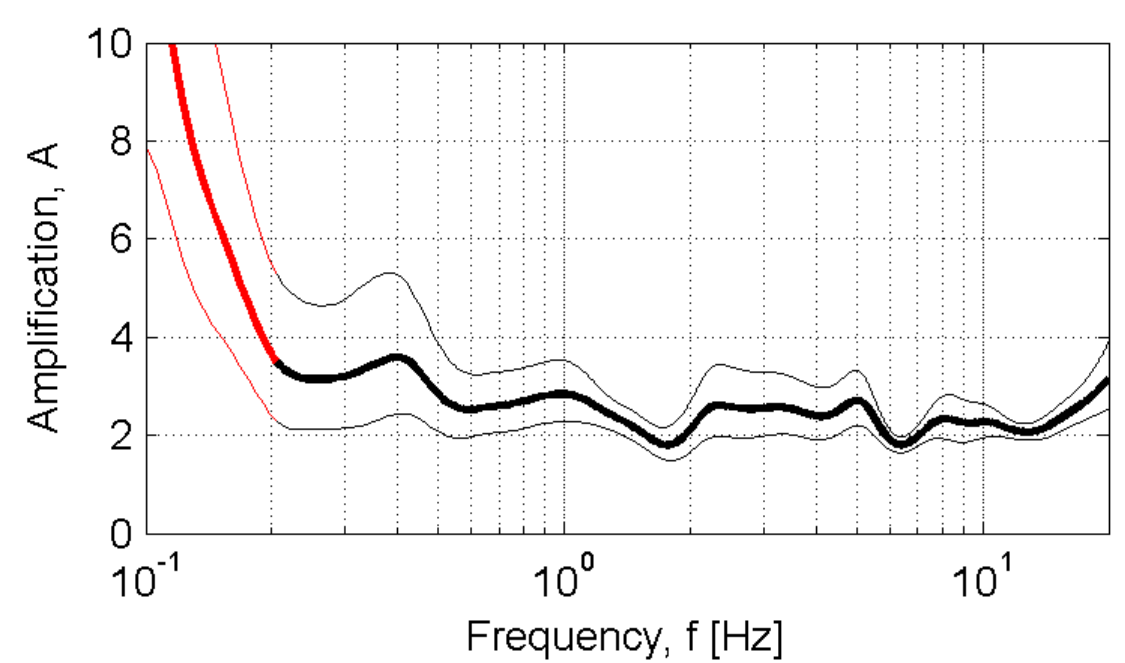
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

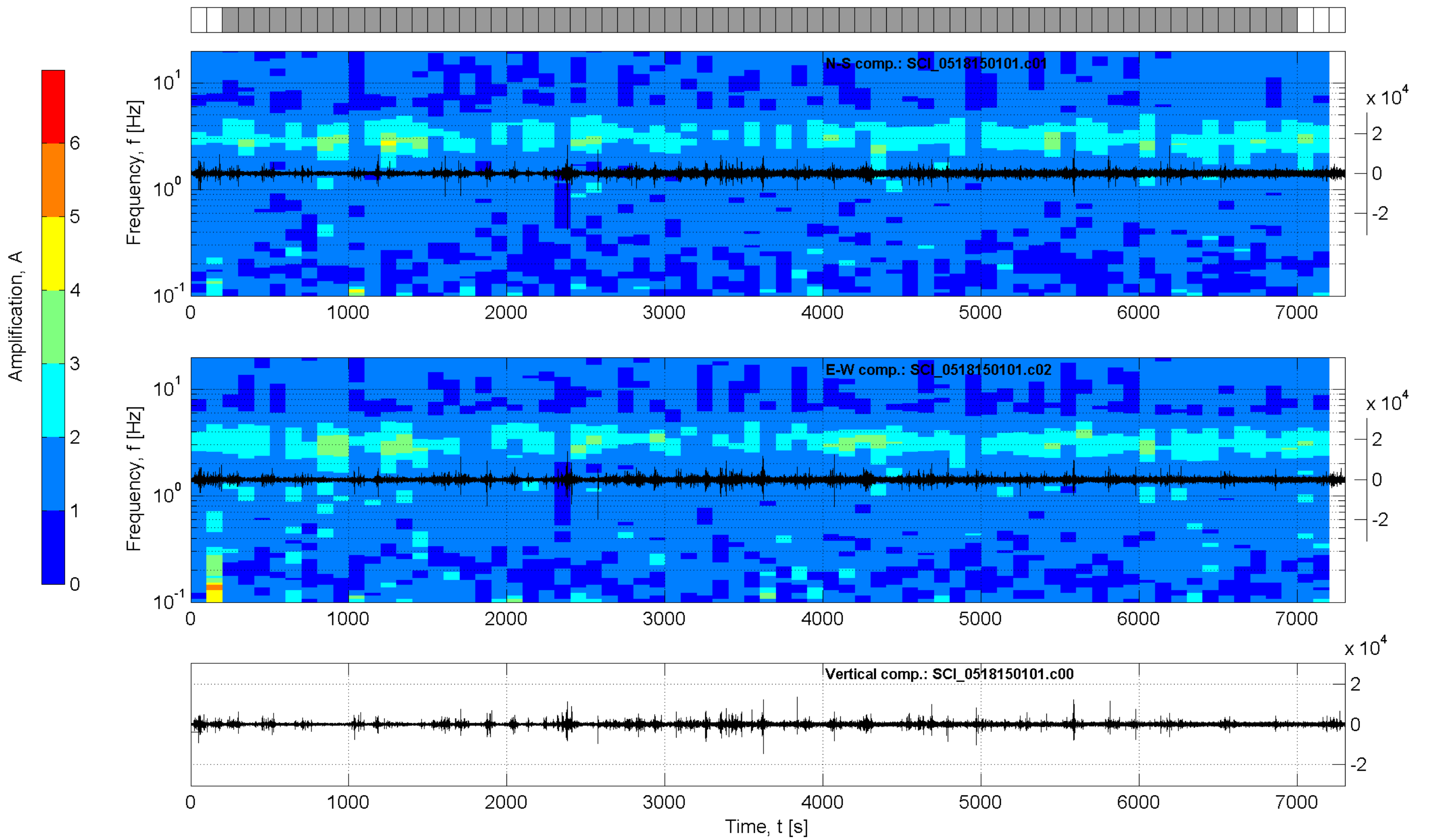
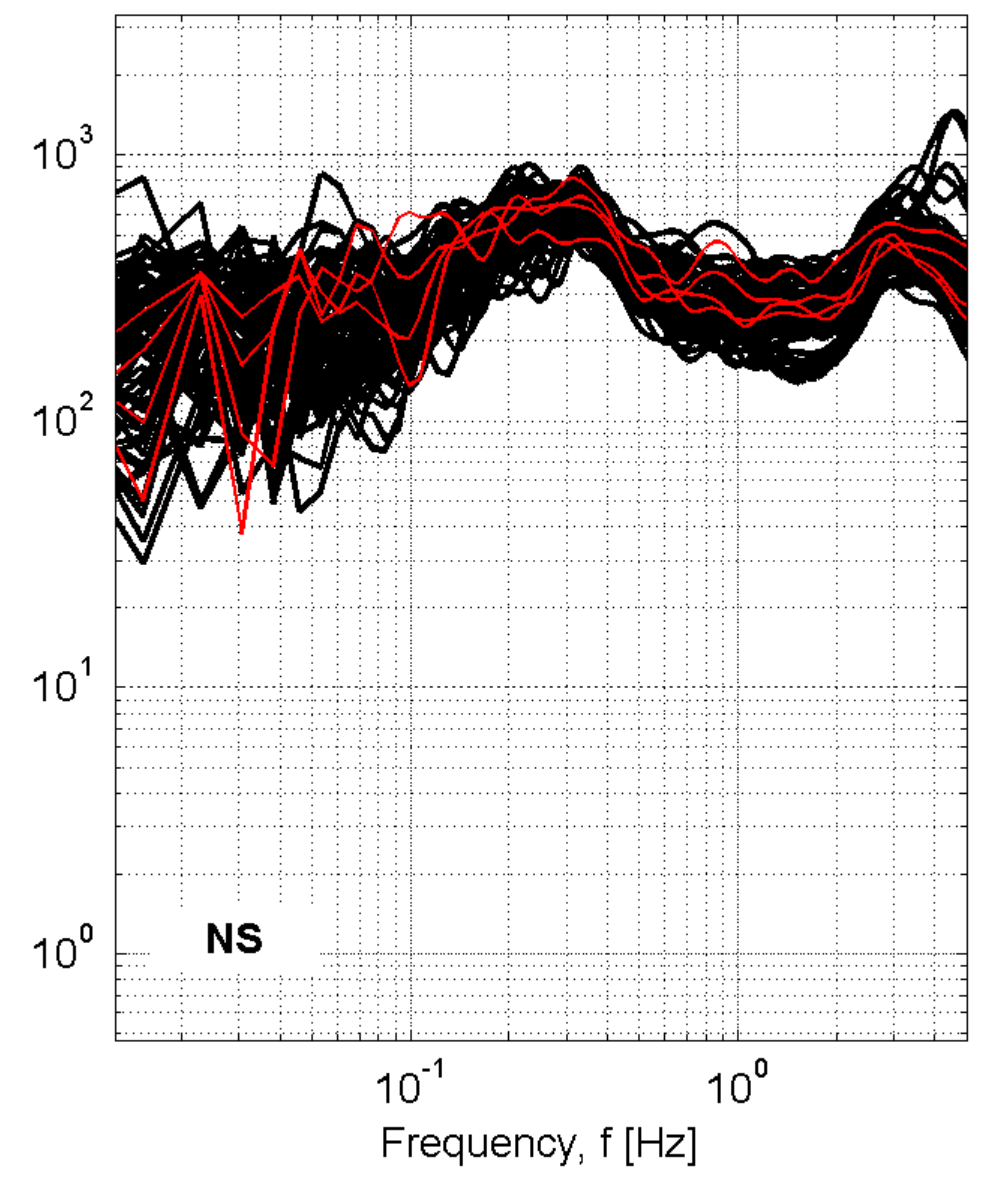
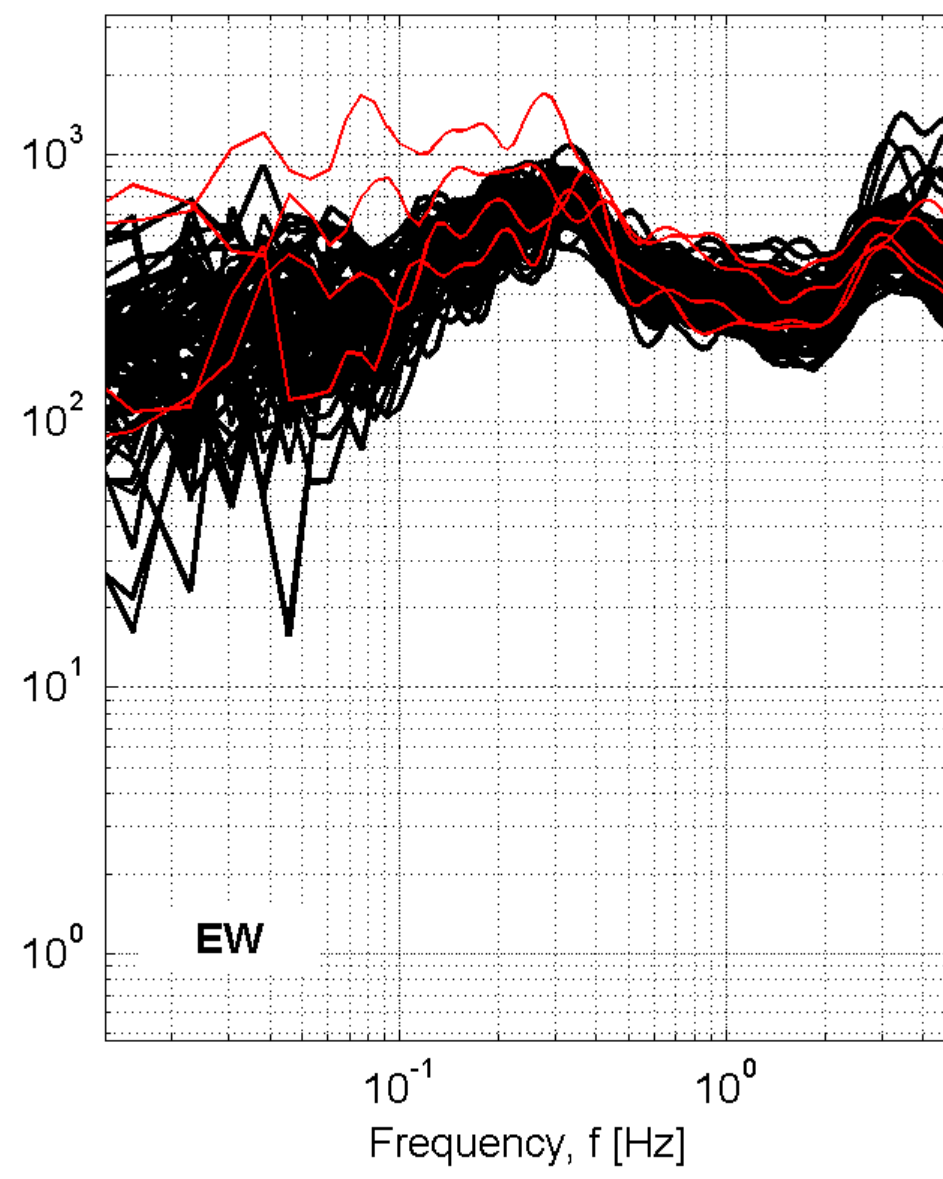
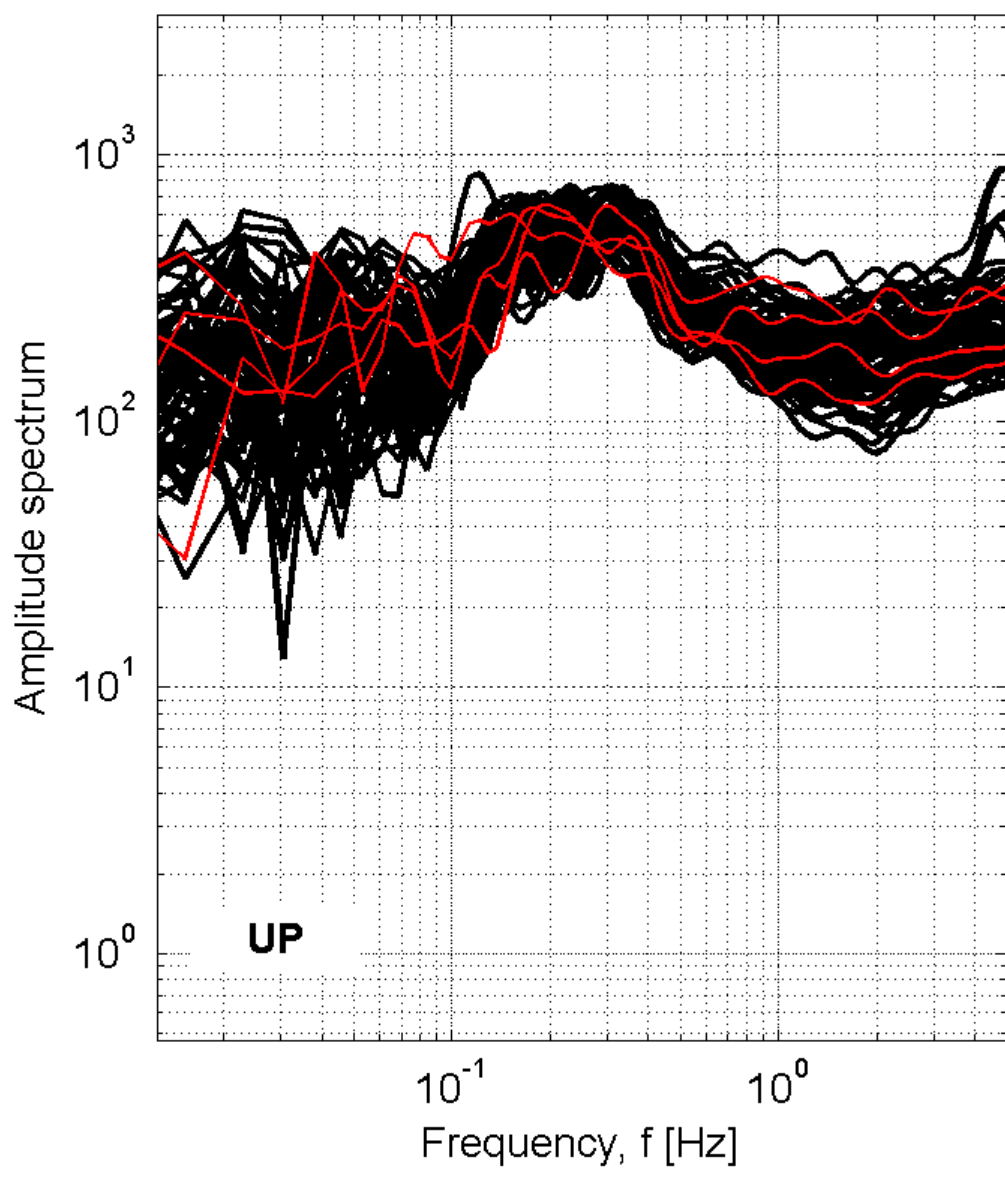
Save not filtered spectra: yes



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# SCI\_scilla



## Station: SCI\_scilla

Recording duration: 121:40 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

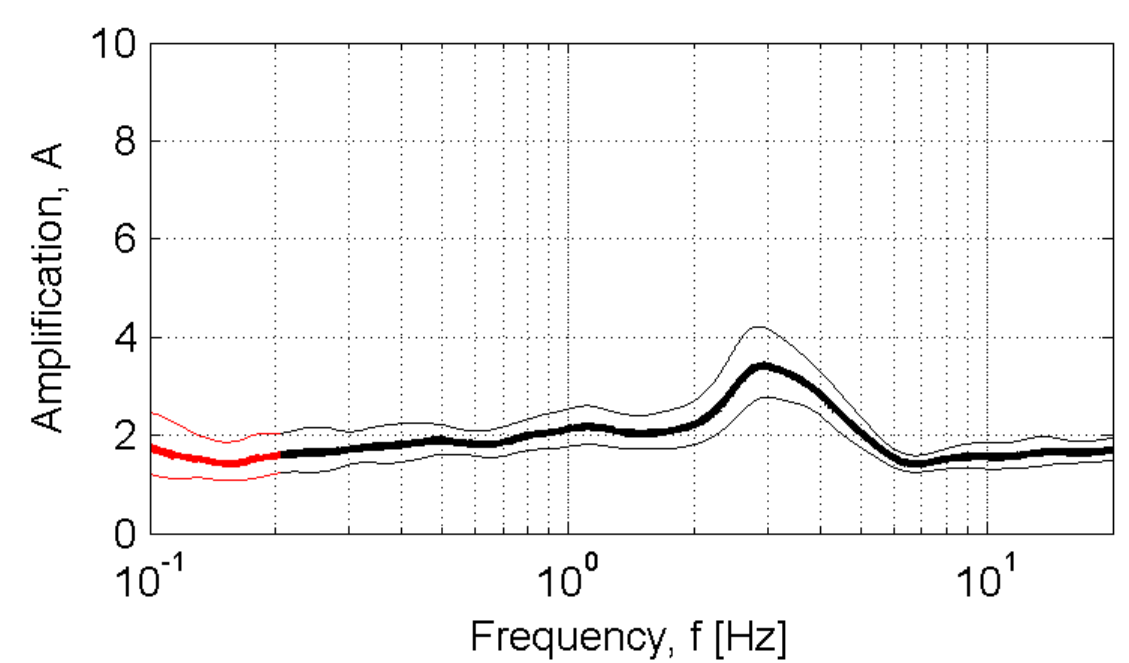
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

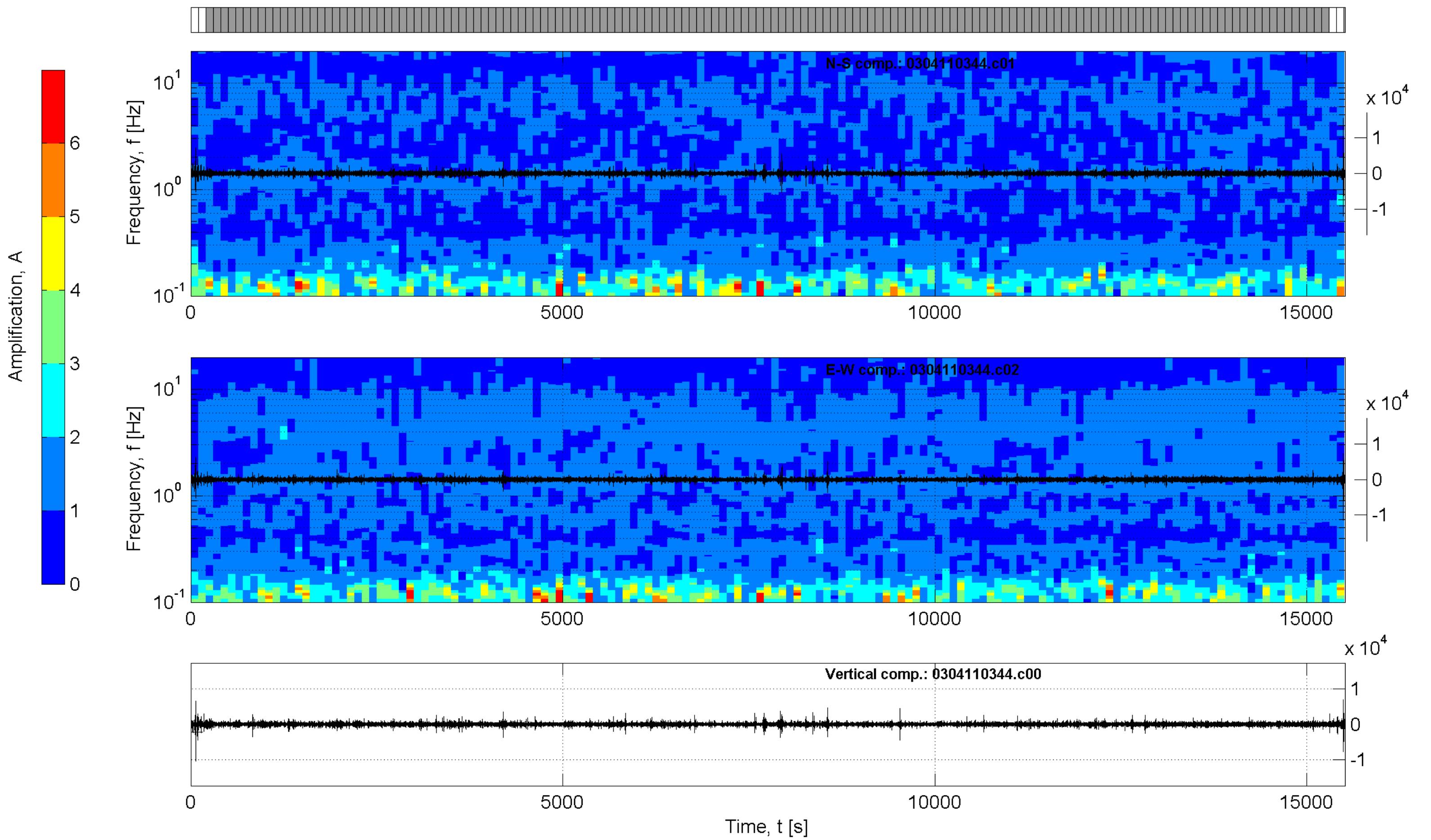
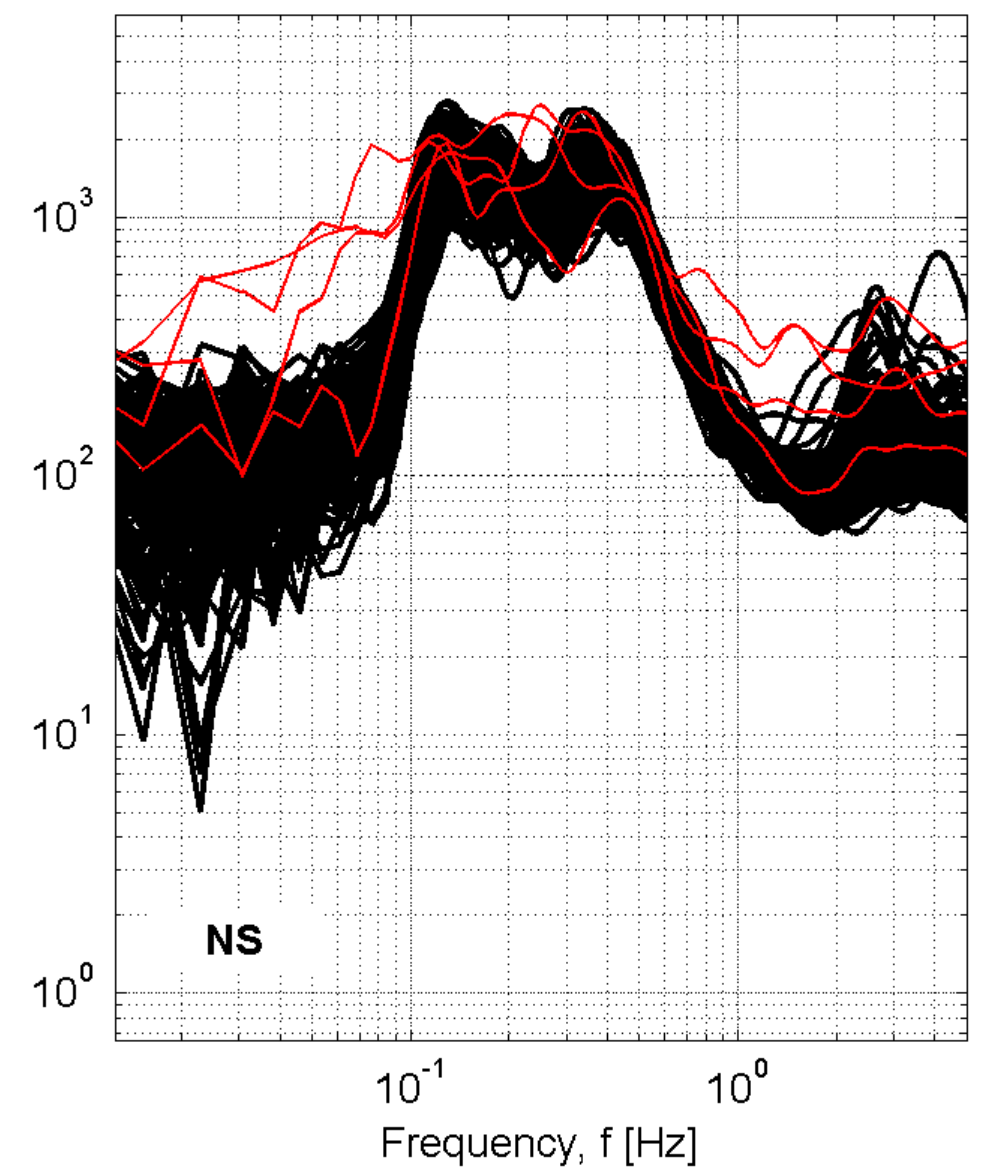
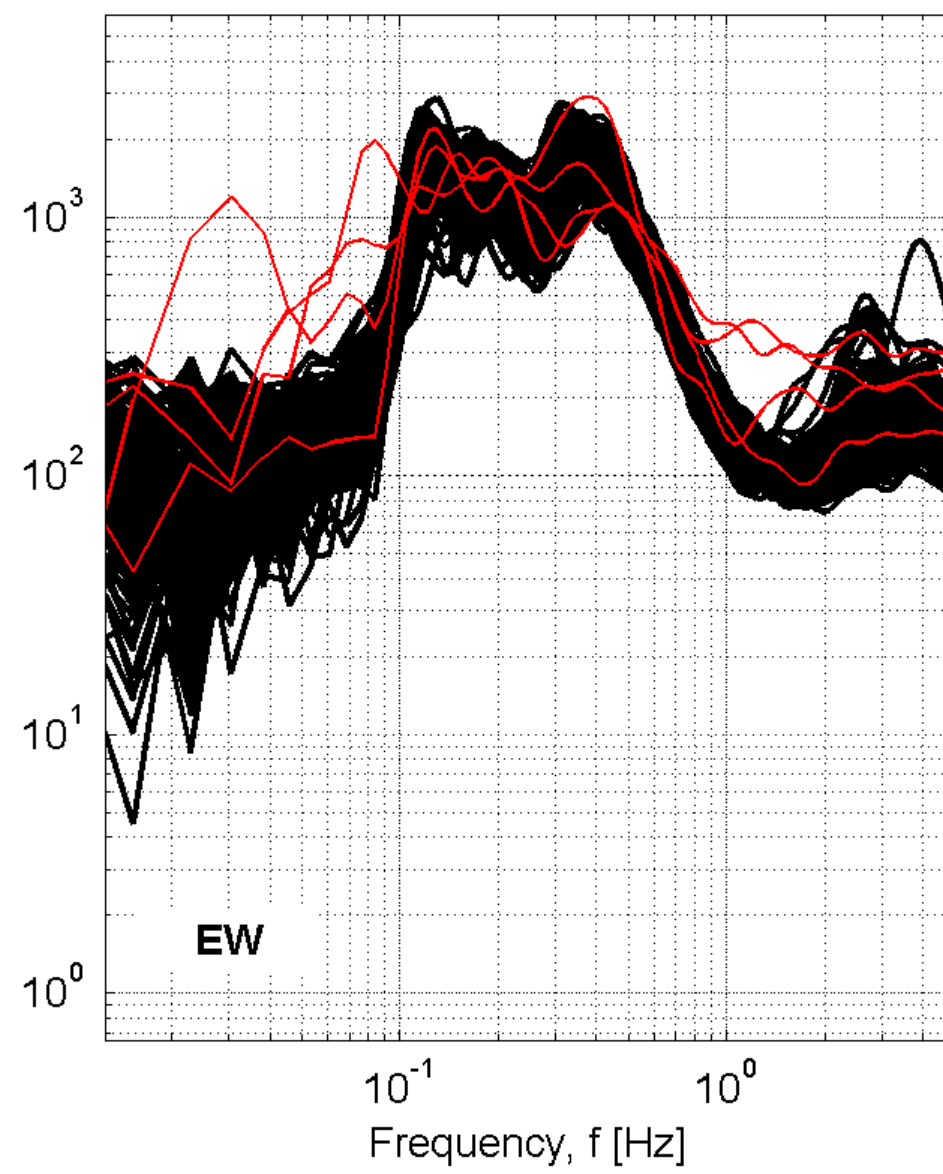
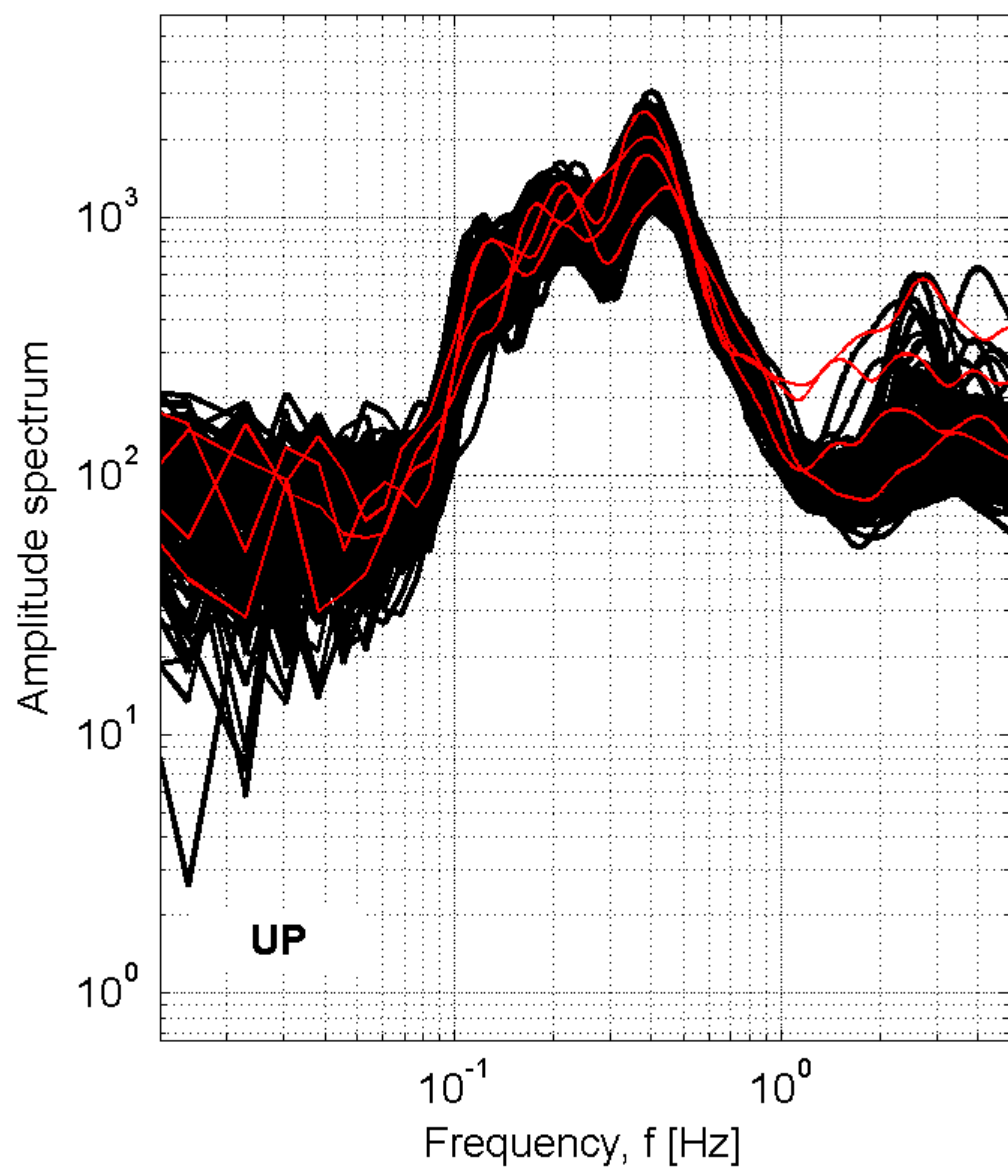
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SCM-S\_Croce di Magliano



## Station: SCM-S\_Croce di Magliano

Recording duration: 258:32 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

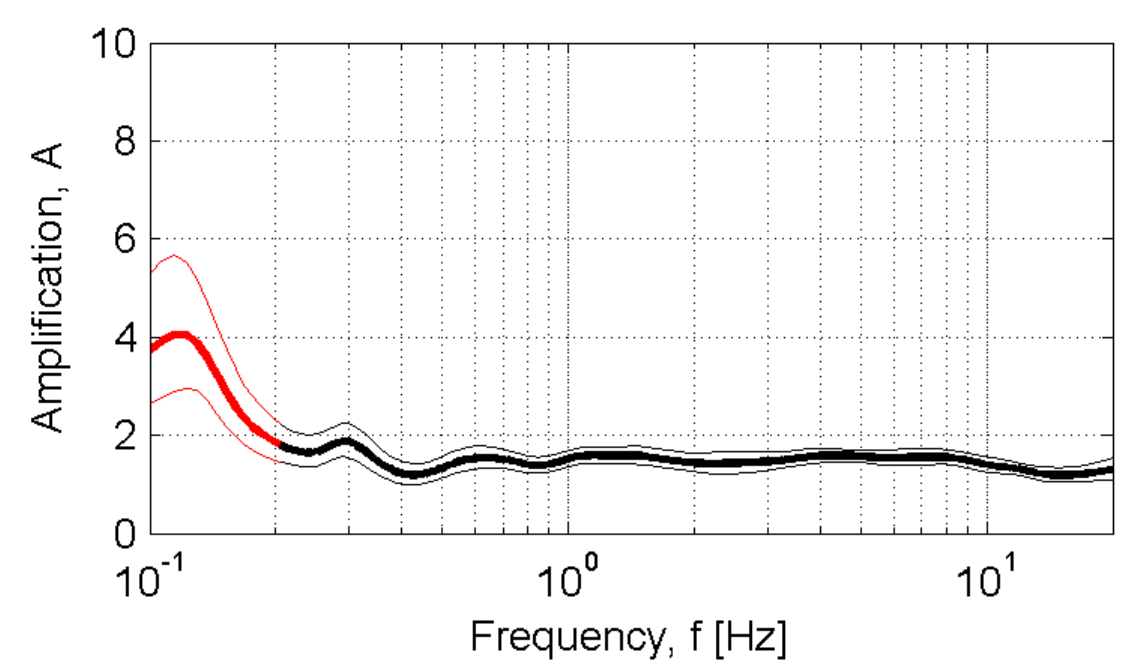
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

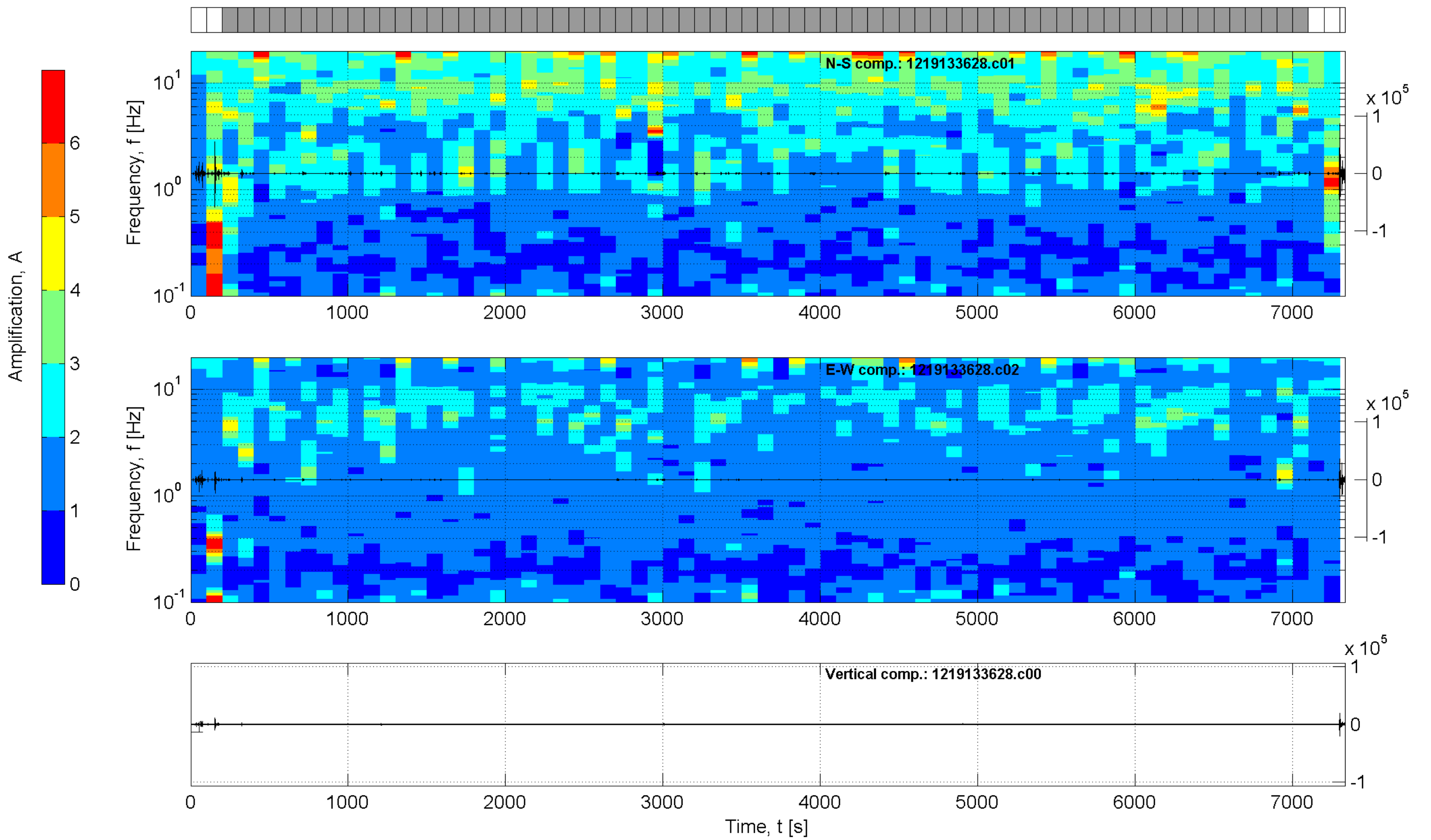
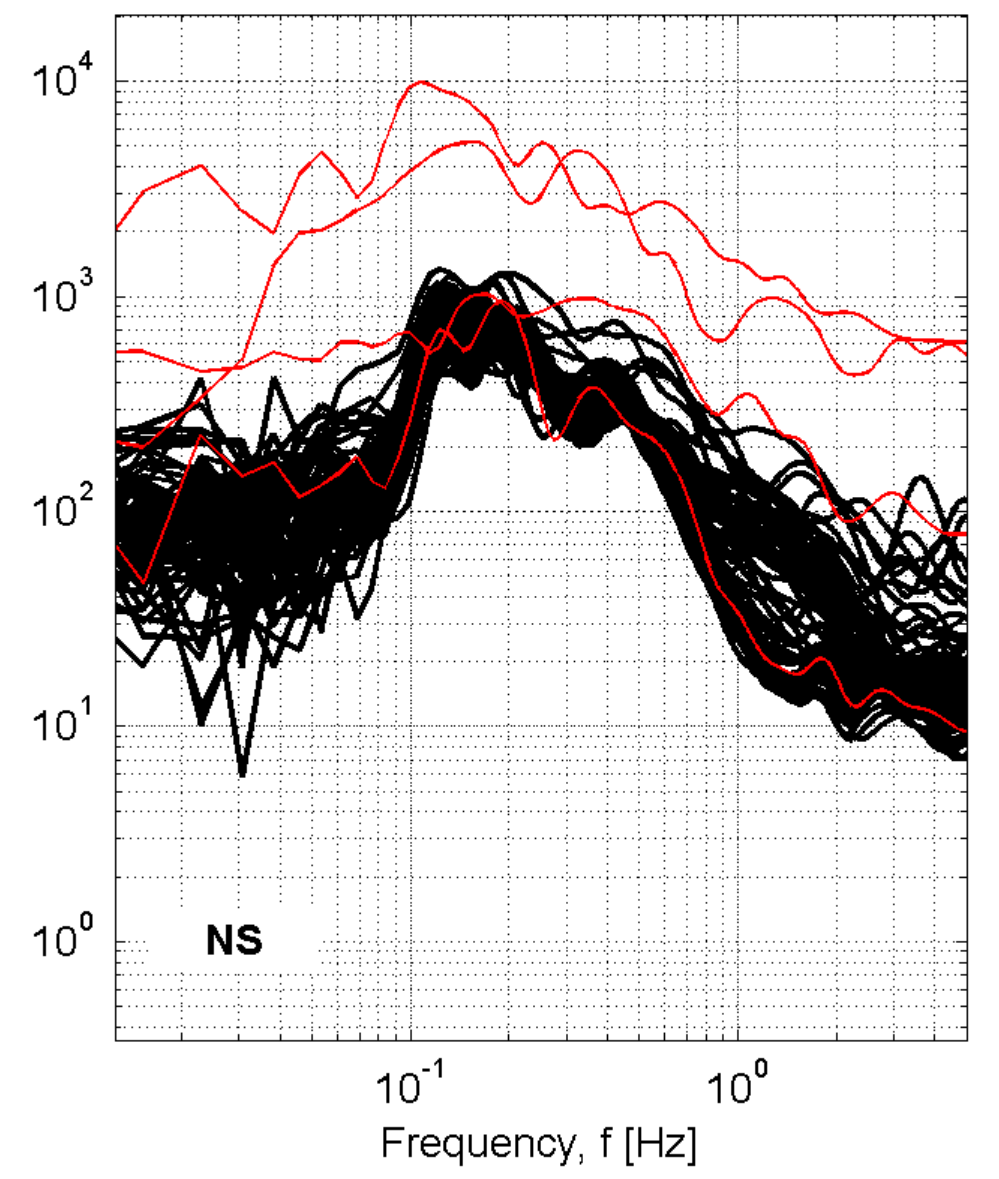
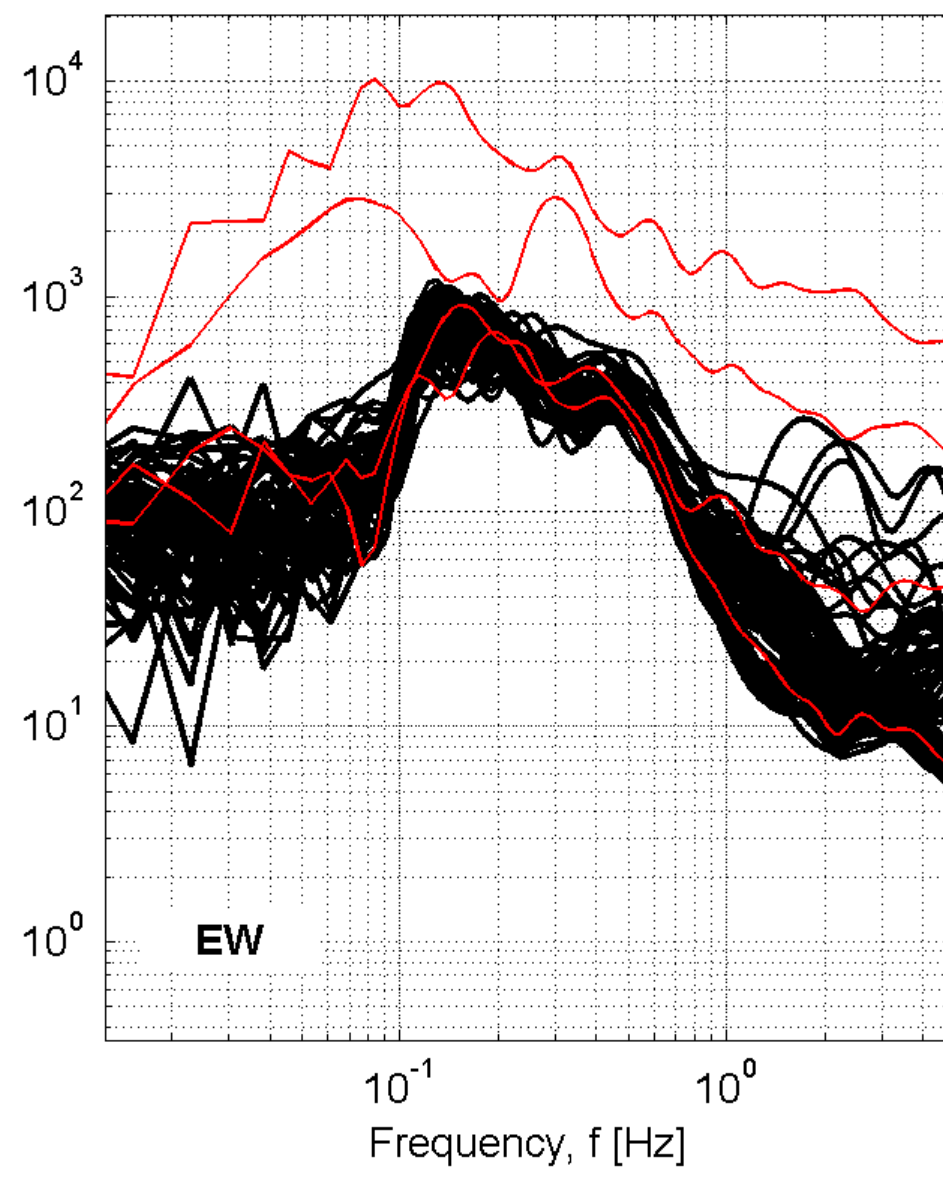
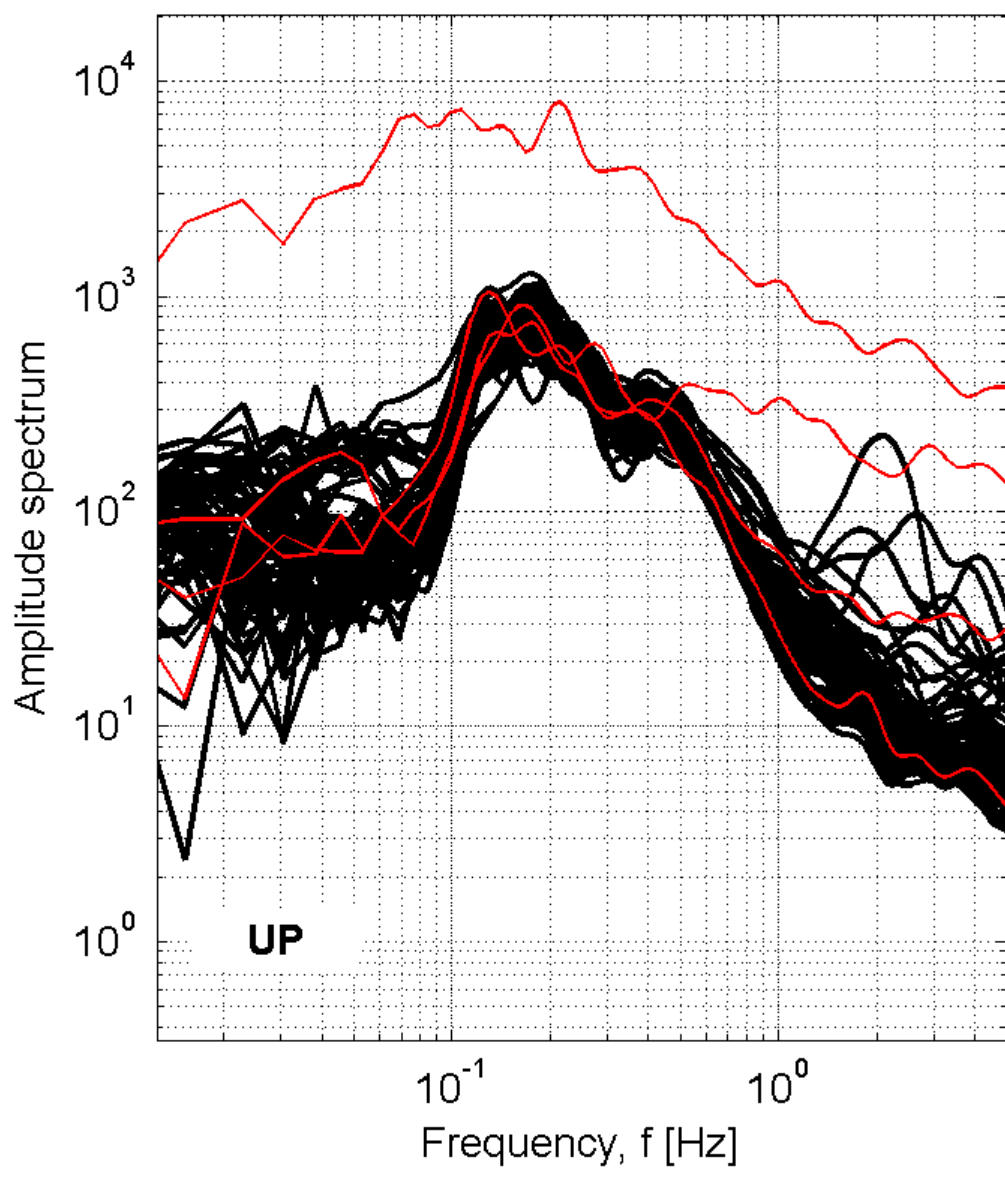
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SCN-Scanno



## Station: SCN-Scanno

Recording duration: 122:12 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

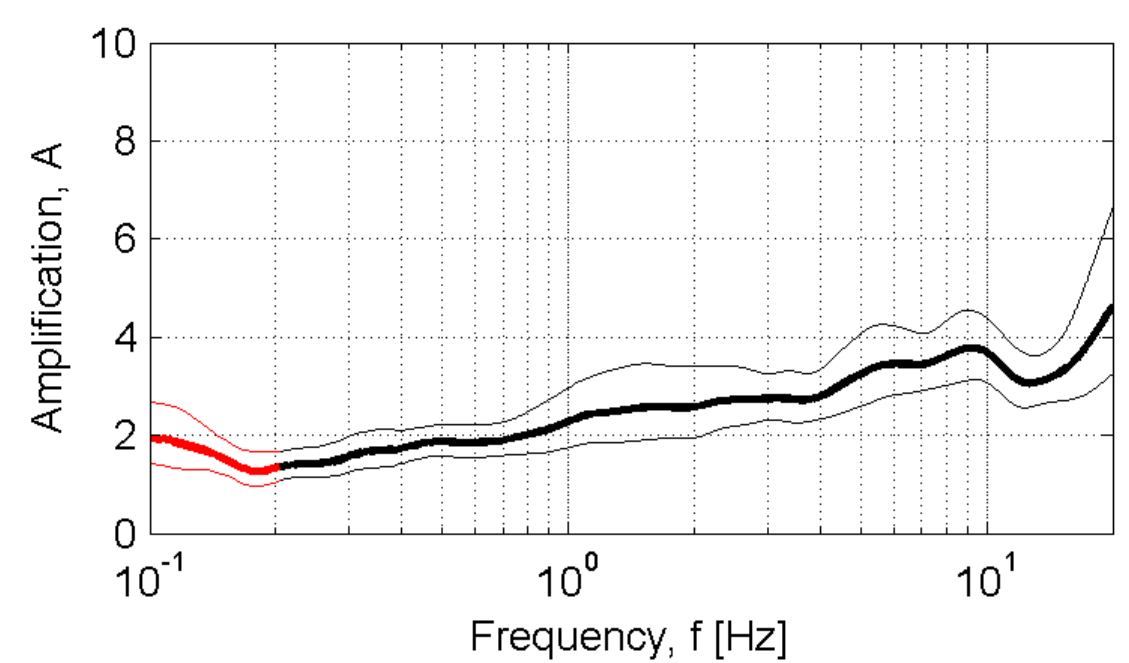
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

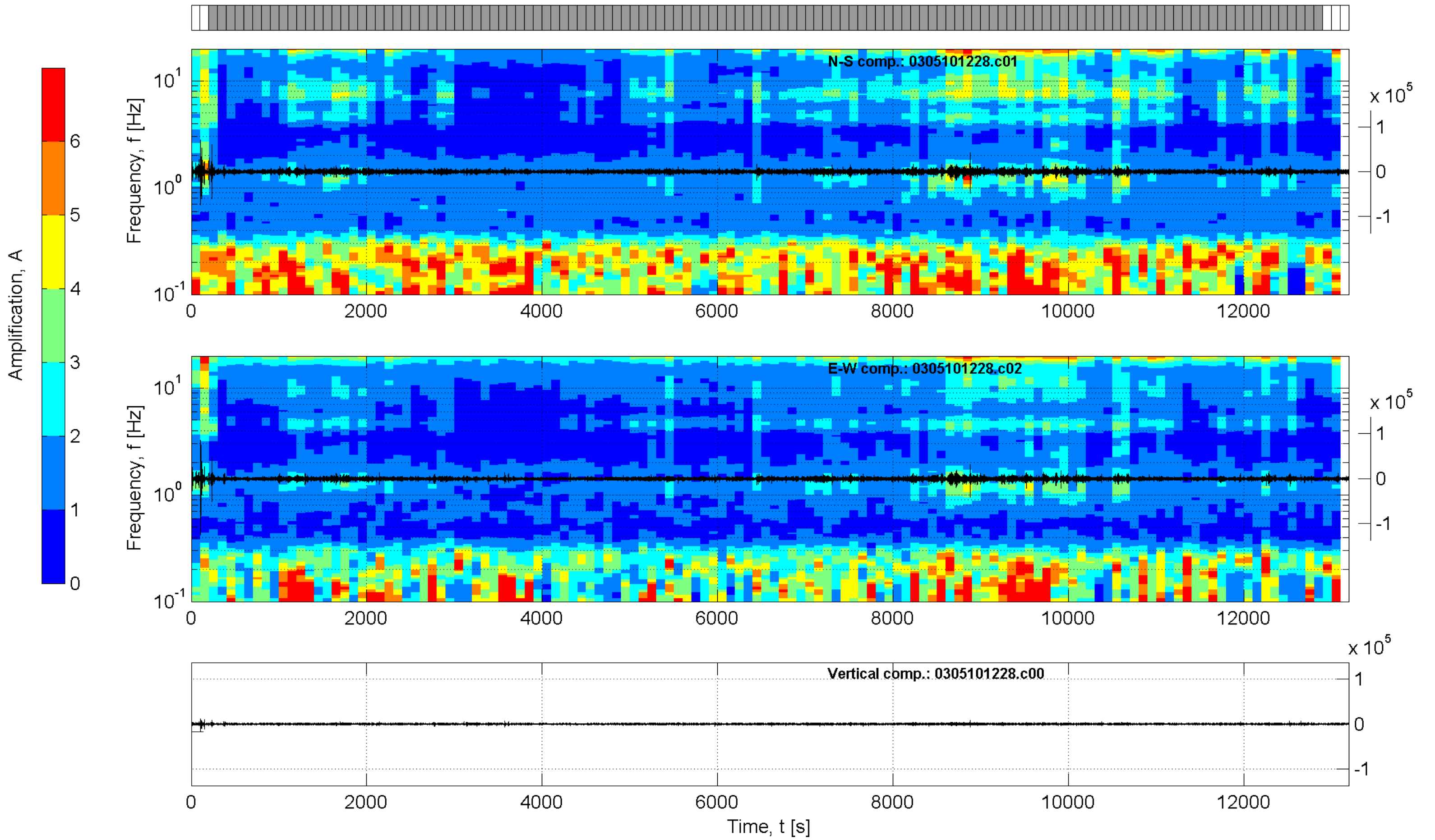
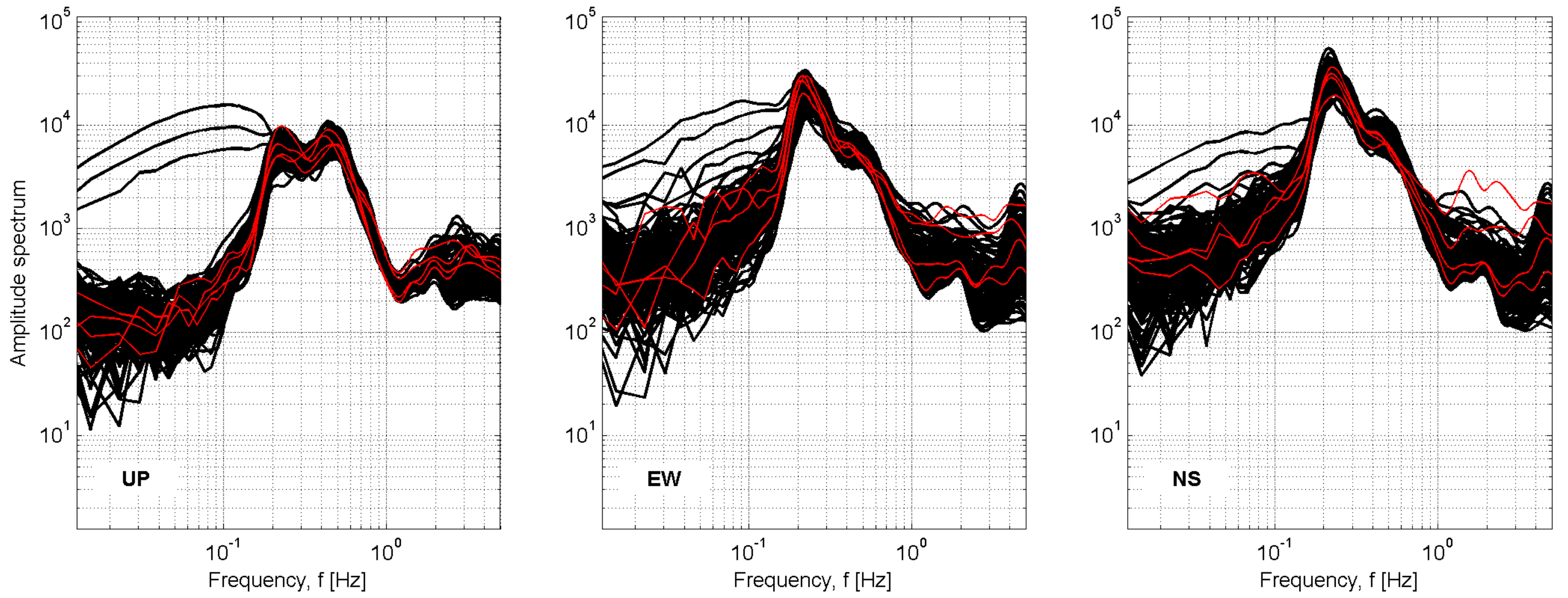
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SCP-Serracapriola



## Station: SCP-Serracapriola

Recording duration: 219:56 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

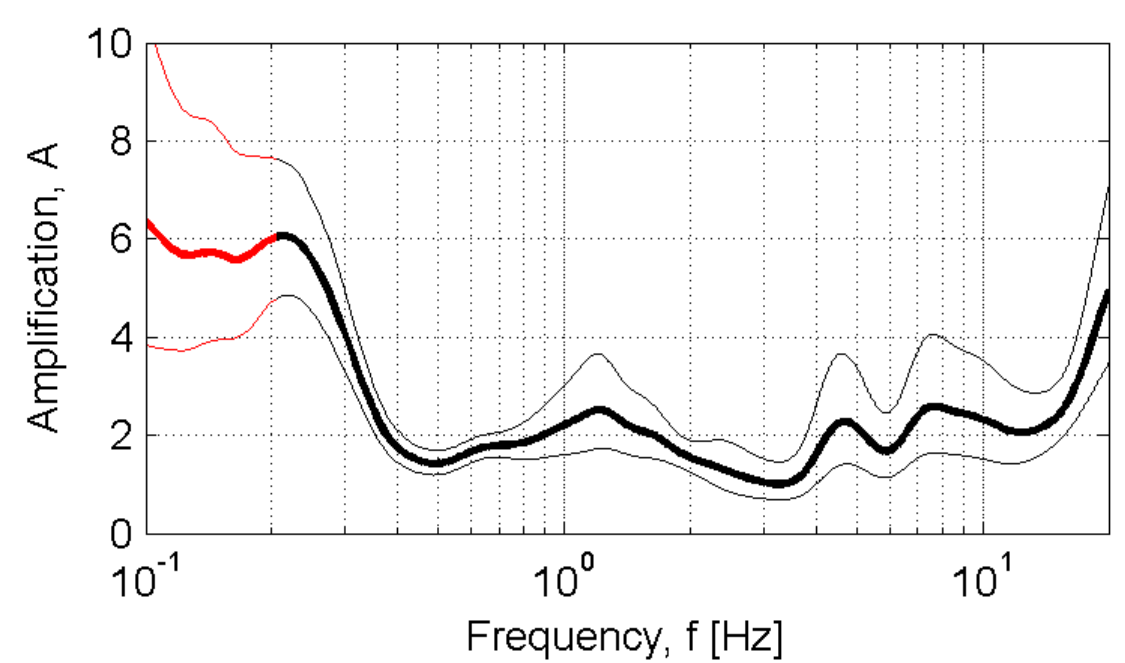
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

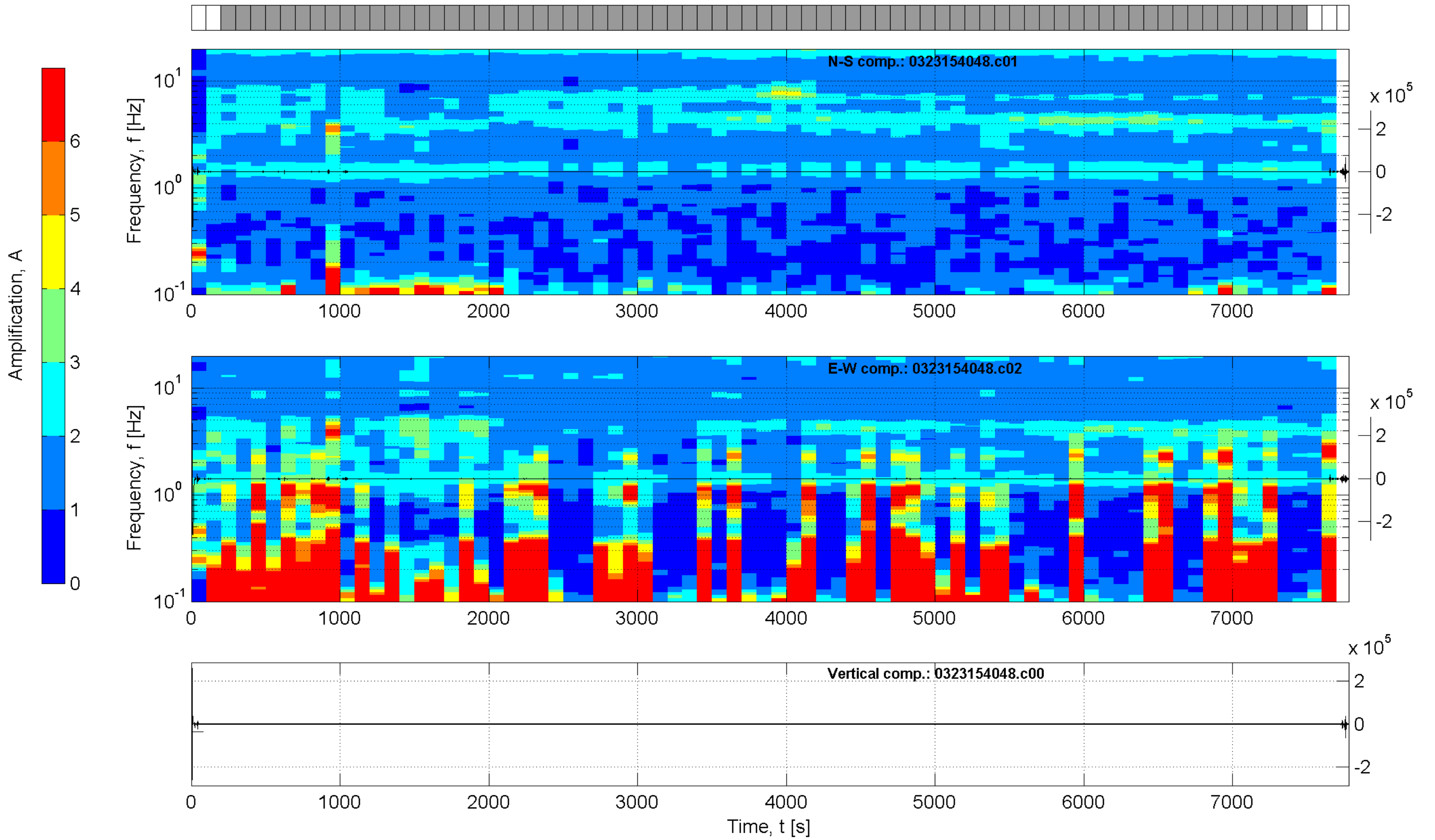
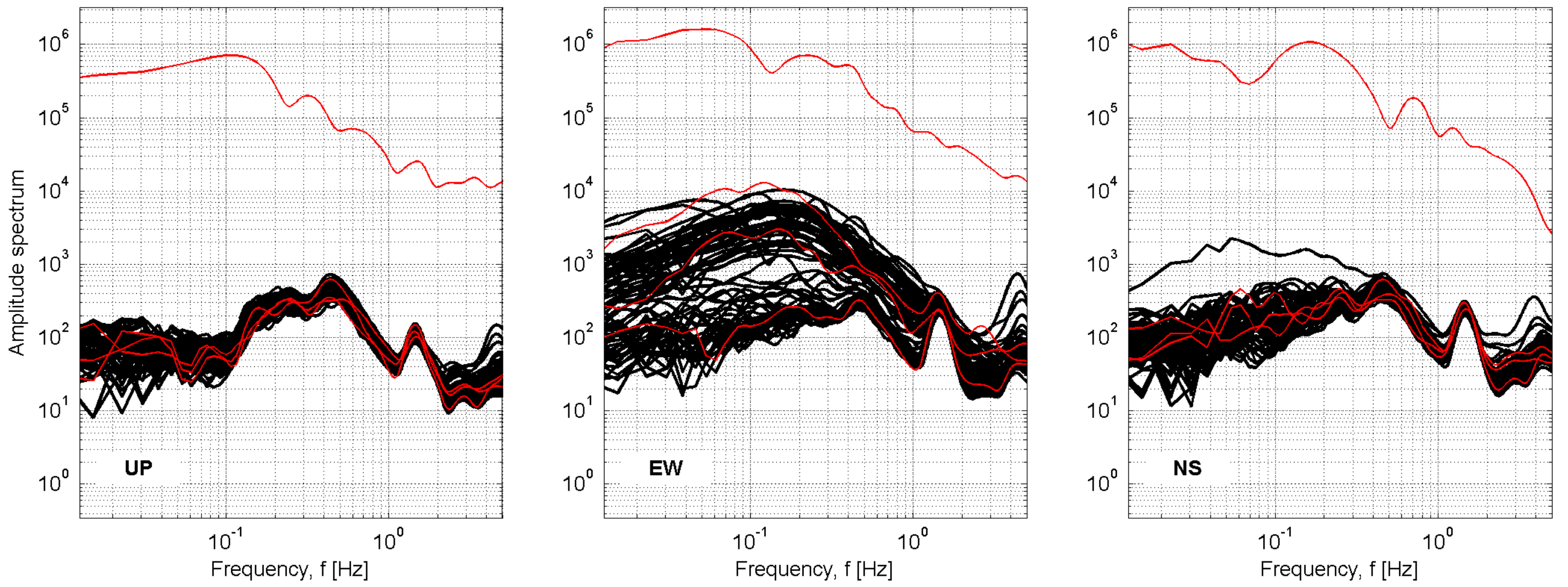
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SDG-S.Nicardo Garganico



## Station: SDG-S.Nicardo Garganico

Recording duration: 129:40 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

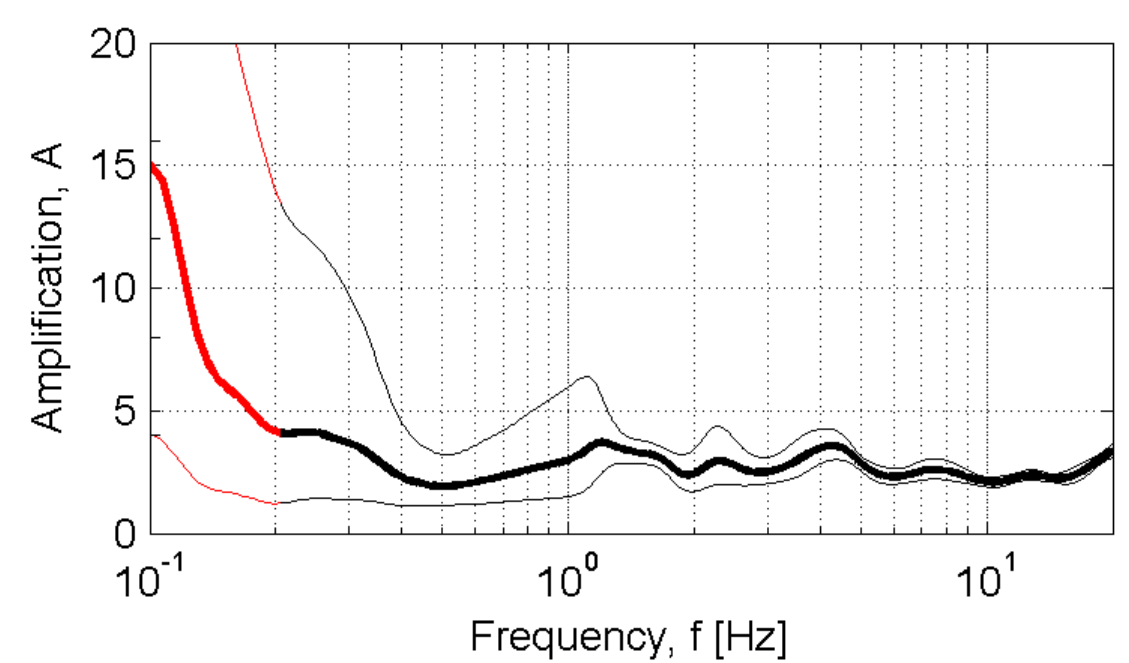
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

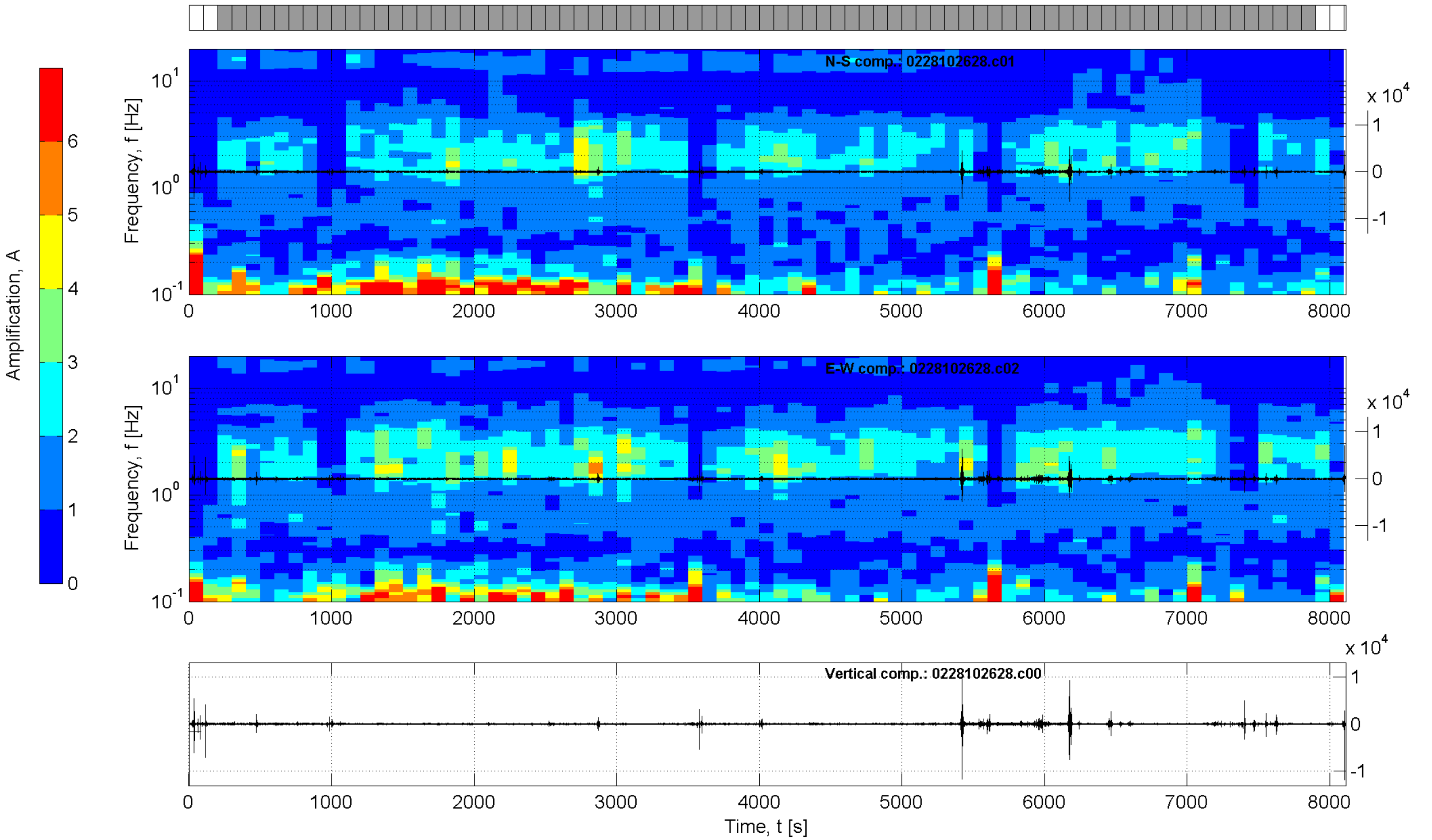
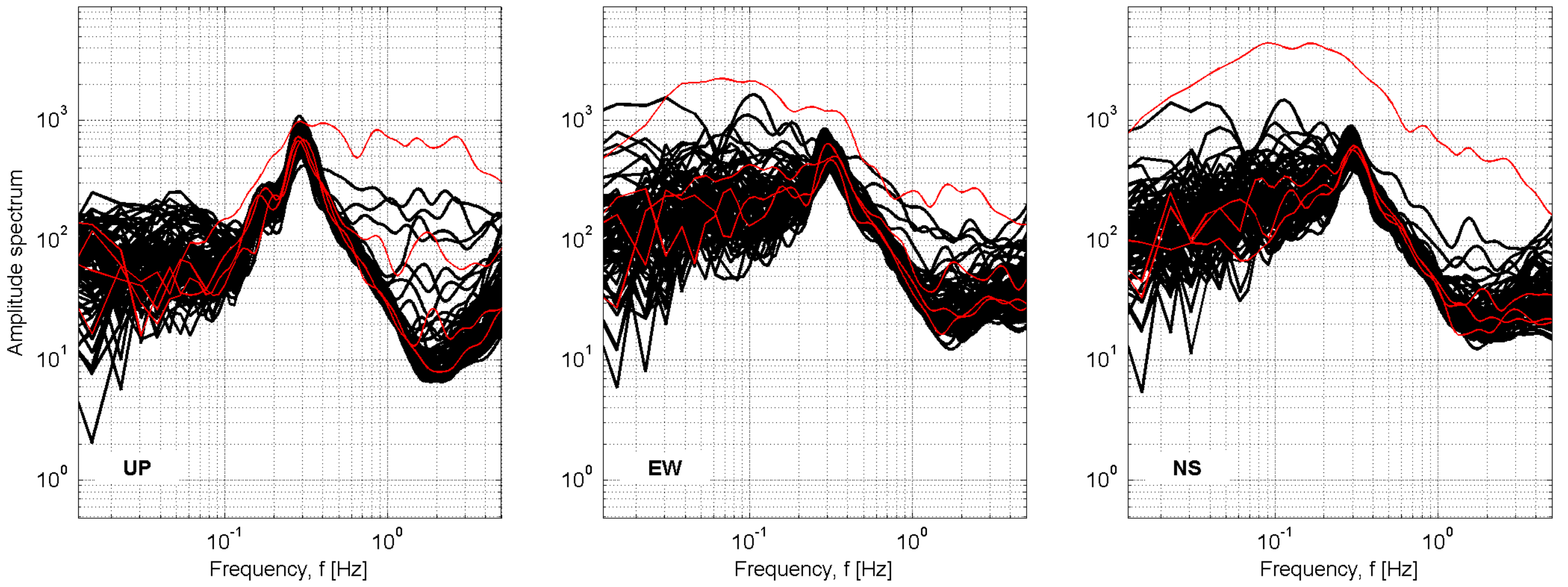
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



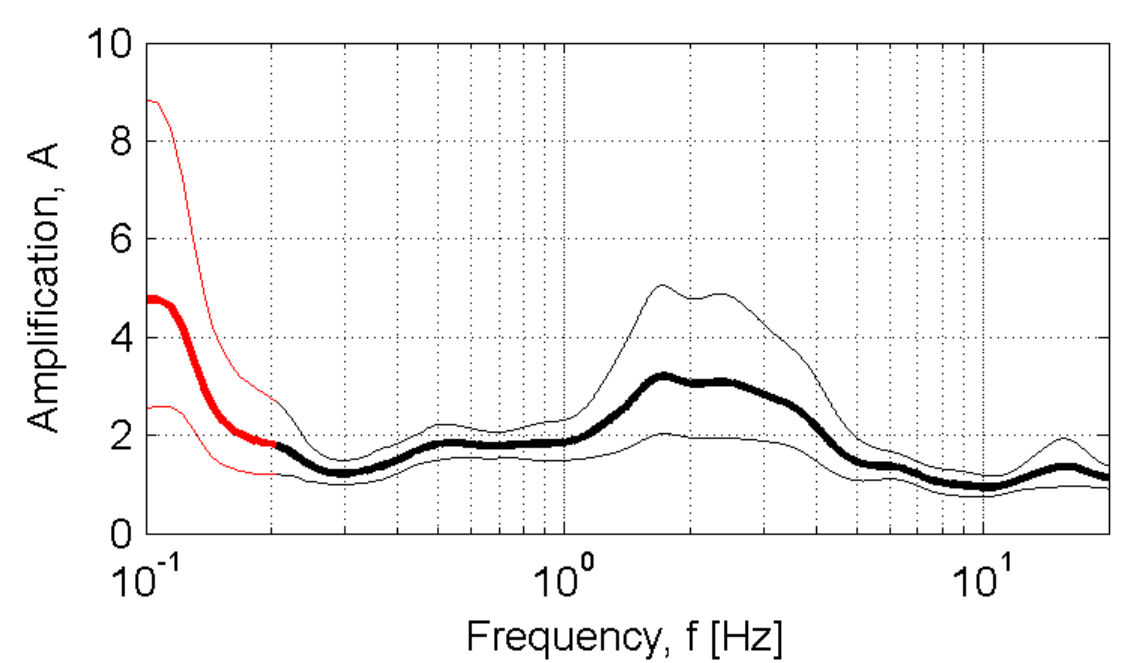
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# SDN-San Donato di Ninea



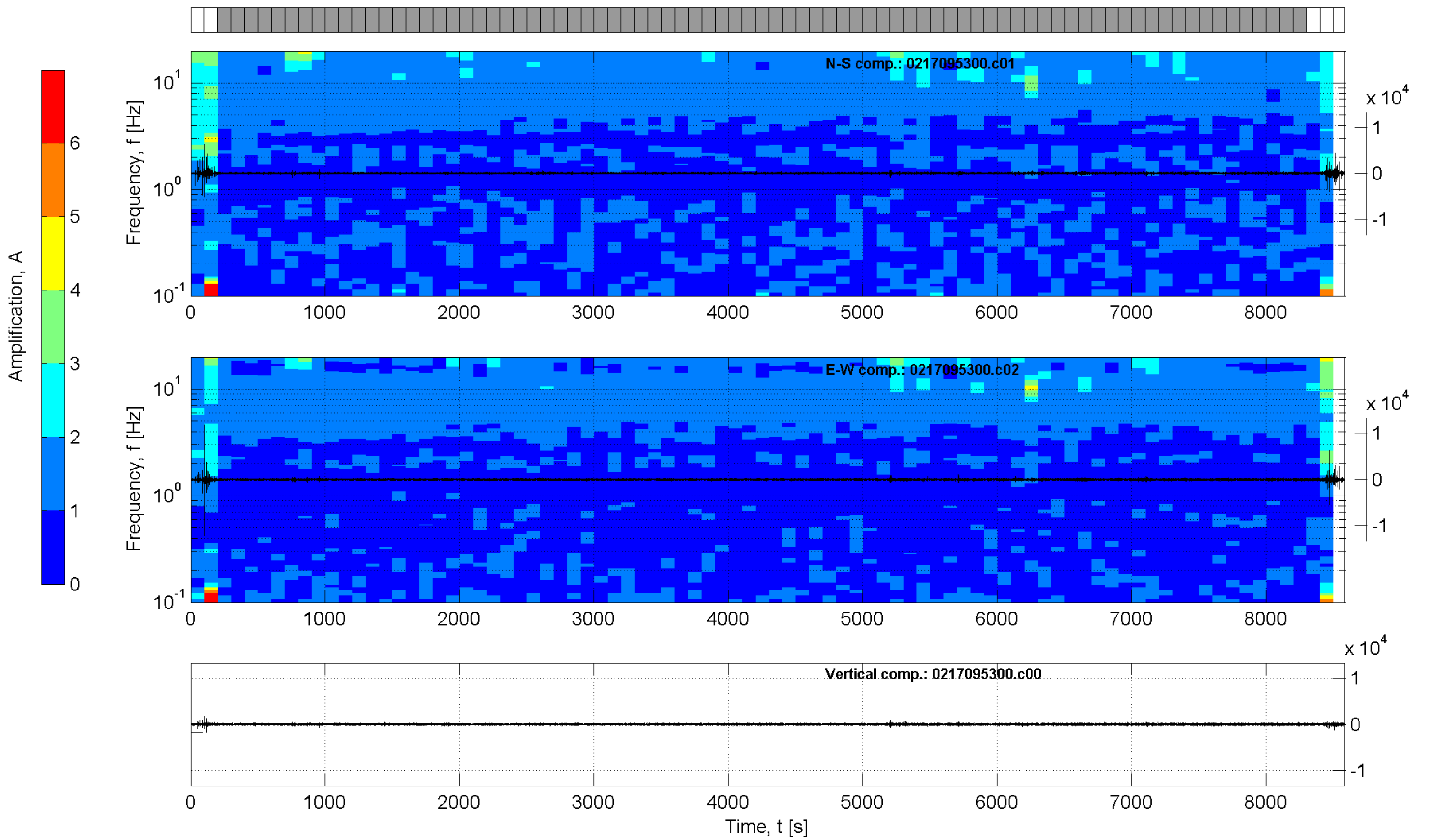
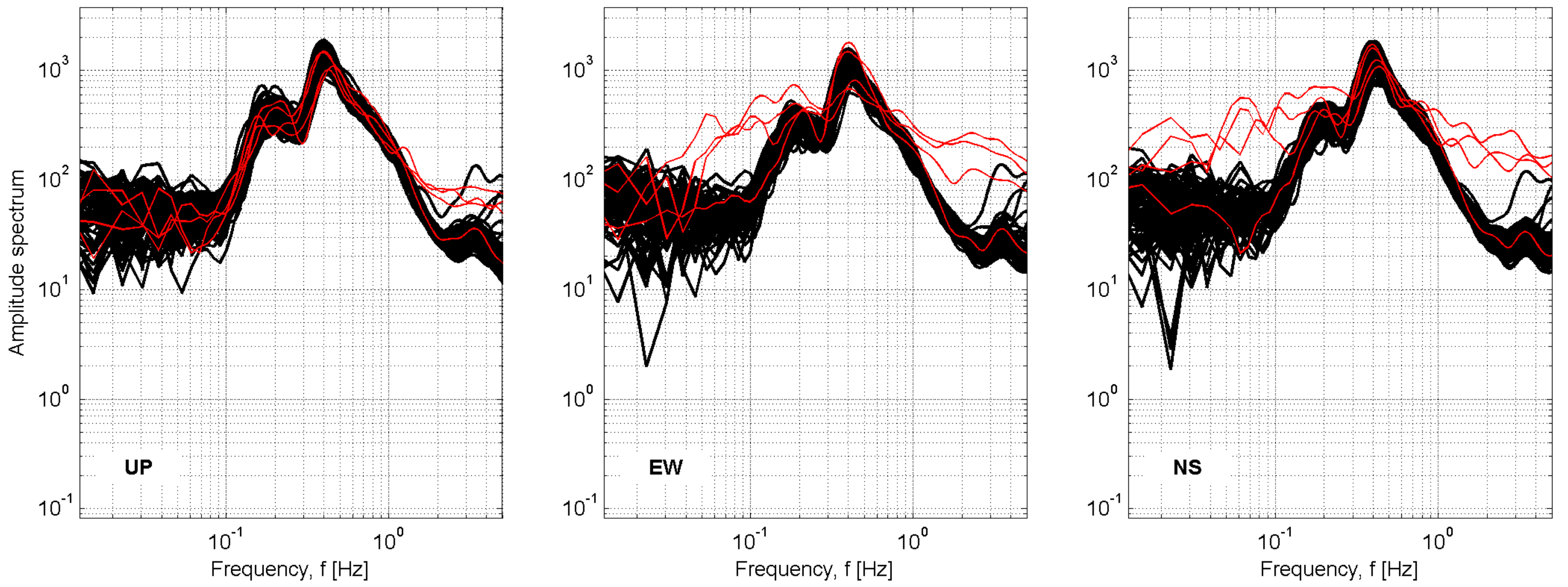
**Station: SDN-San Donato di Ninea**

Recording duration: 135:12 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# SEL-Sestri Levante



## Station: SEL-Sestri Levante

Recording duration: 143:04 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

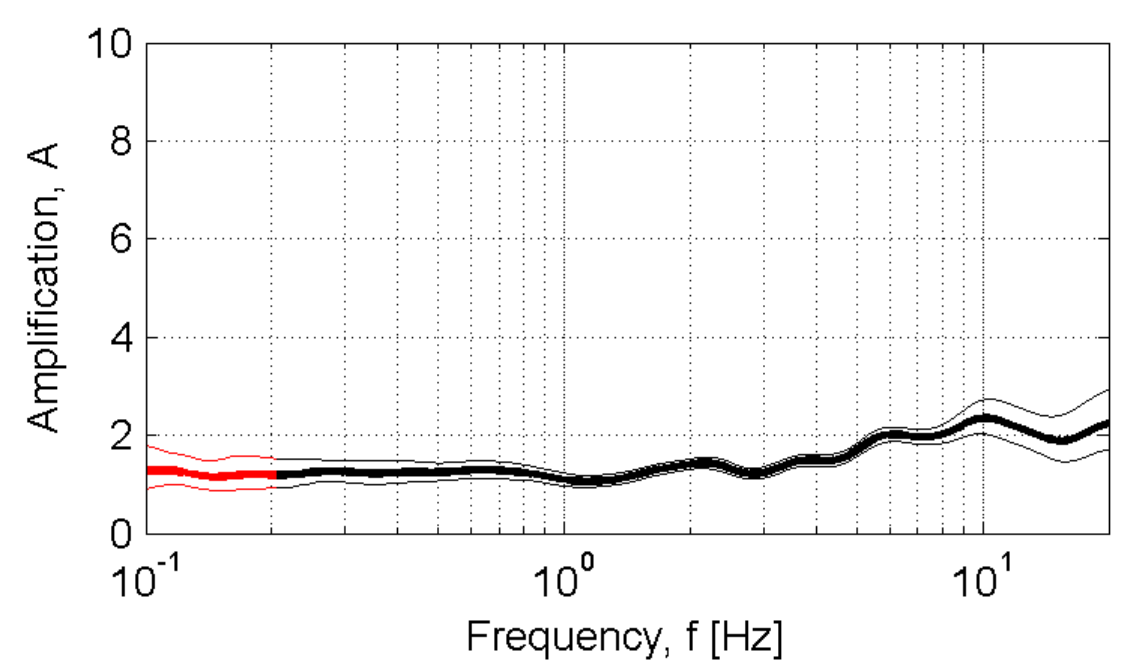
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

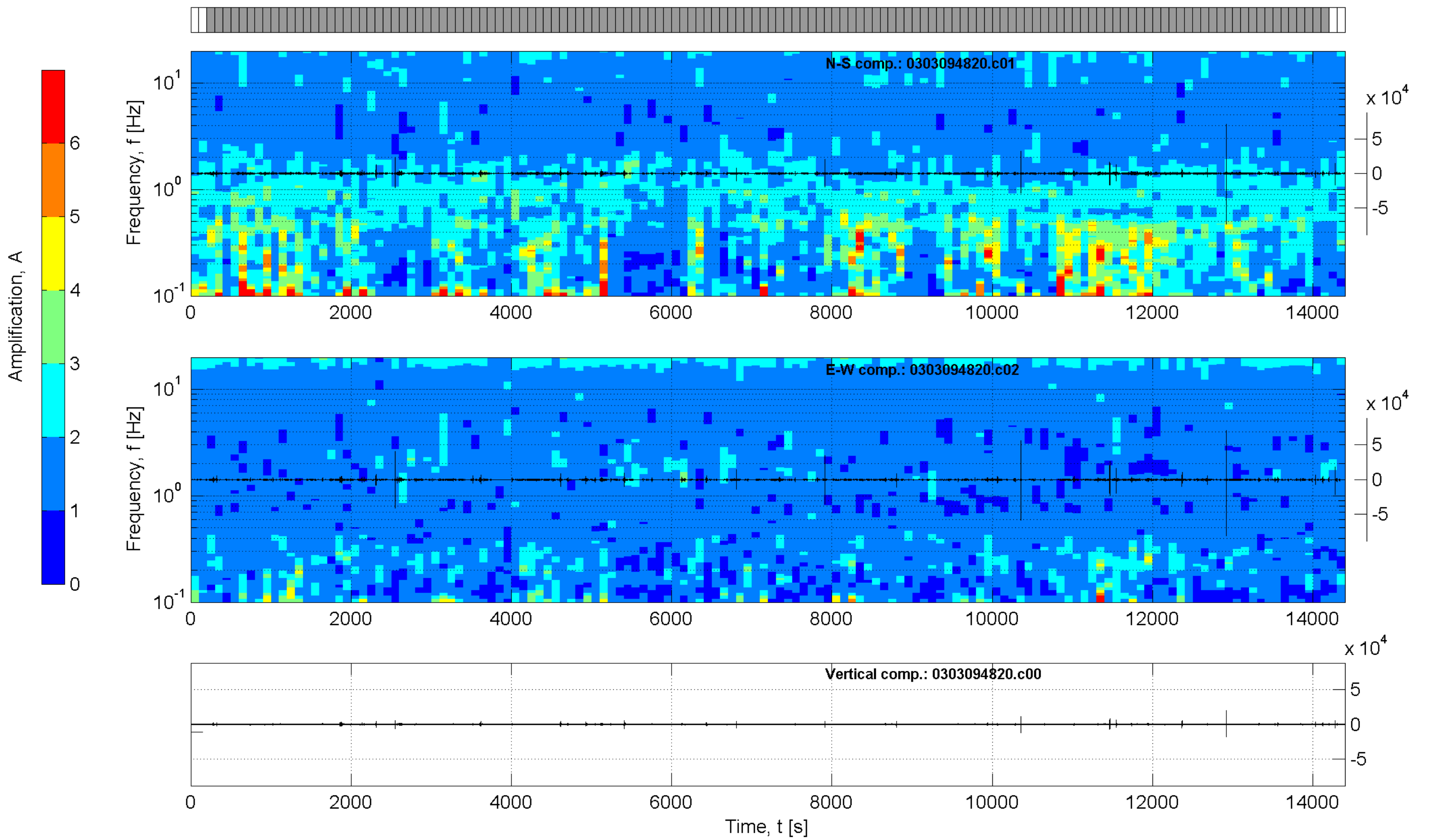
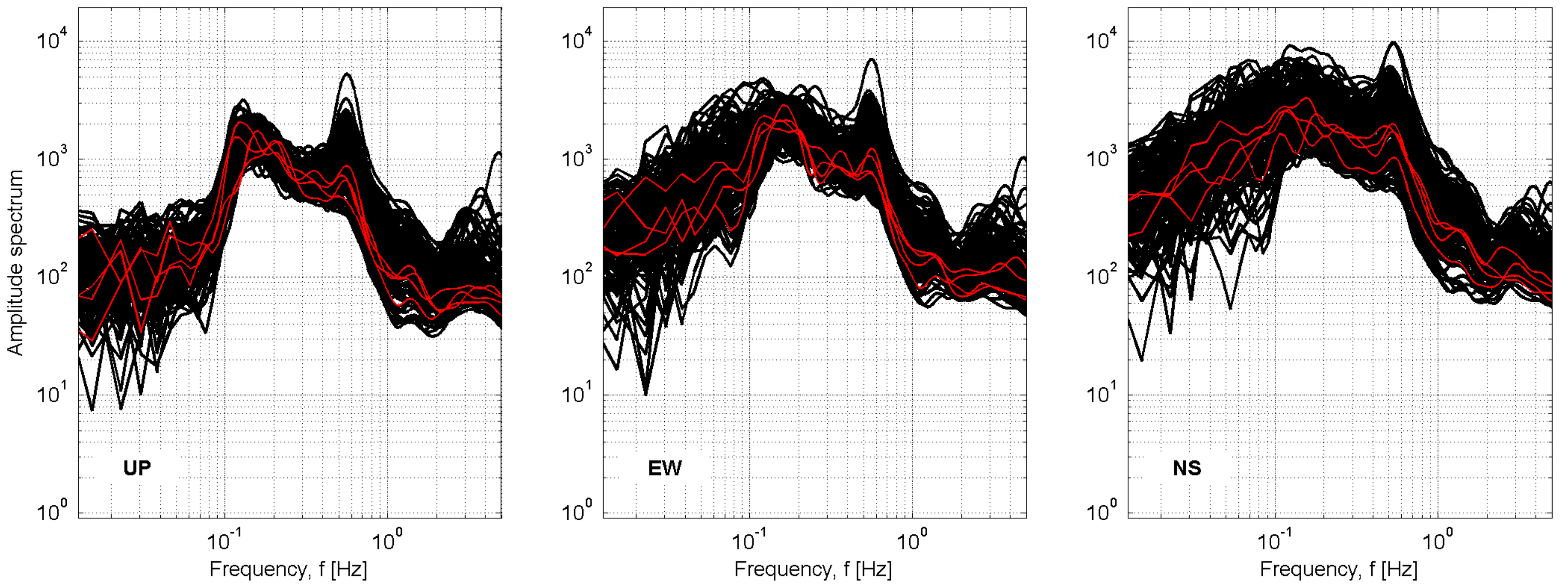
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



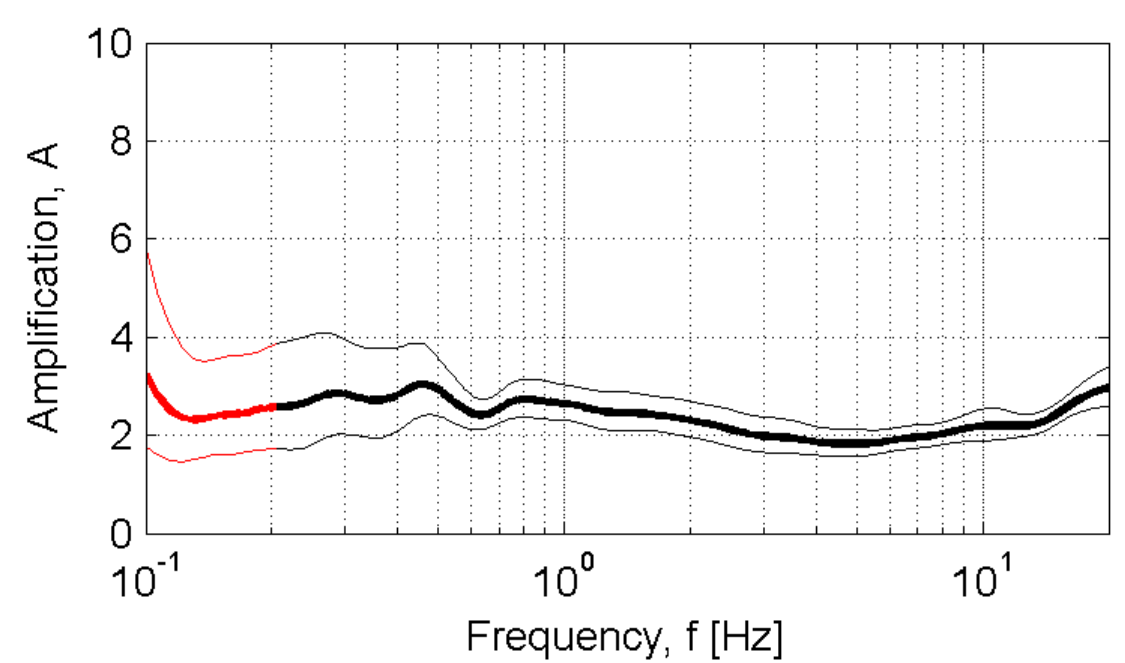
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# SEP-S\_Elia a Pianisi



## Station: SEP-S\_Elia a Pianisi

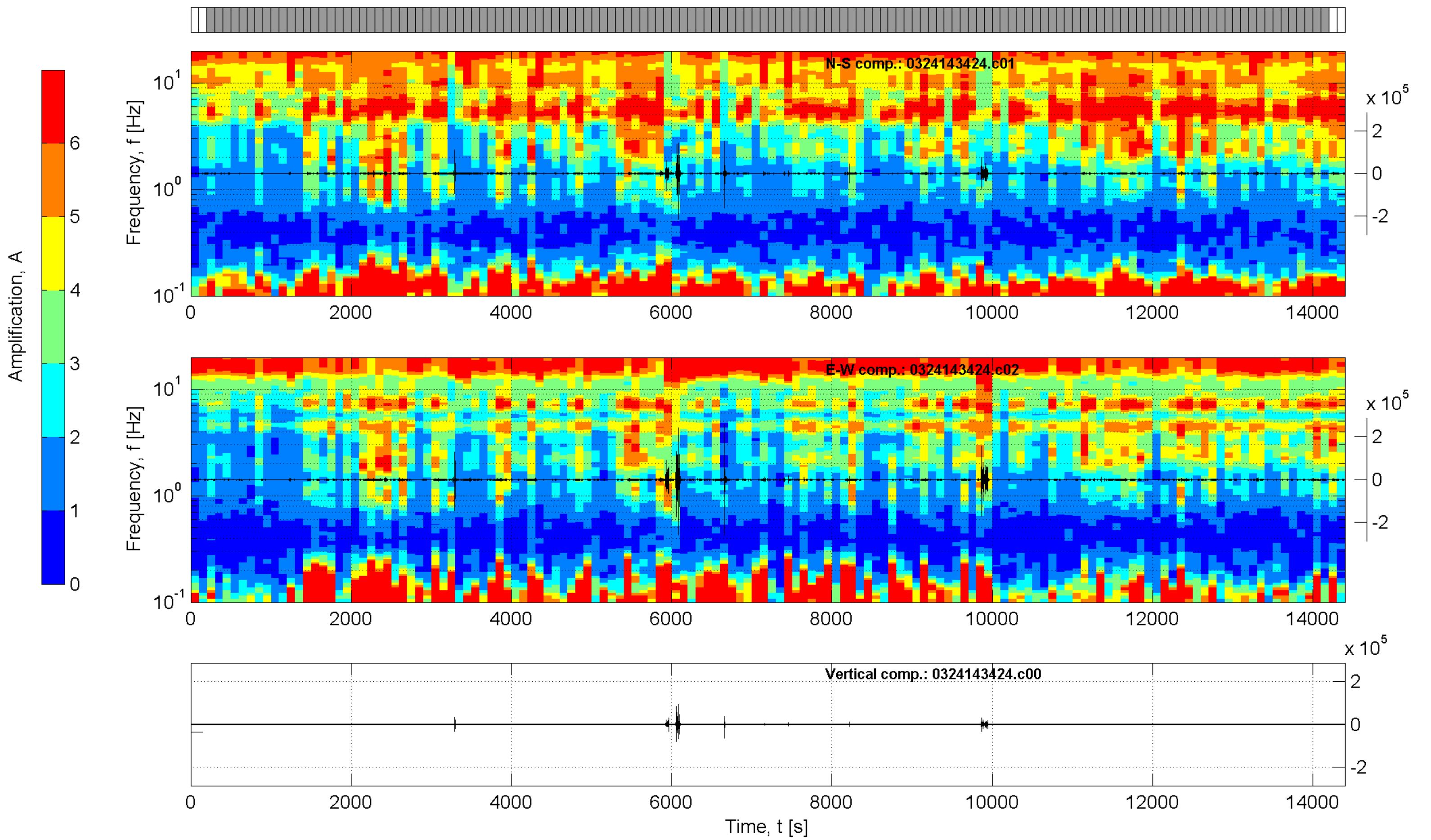
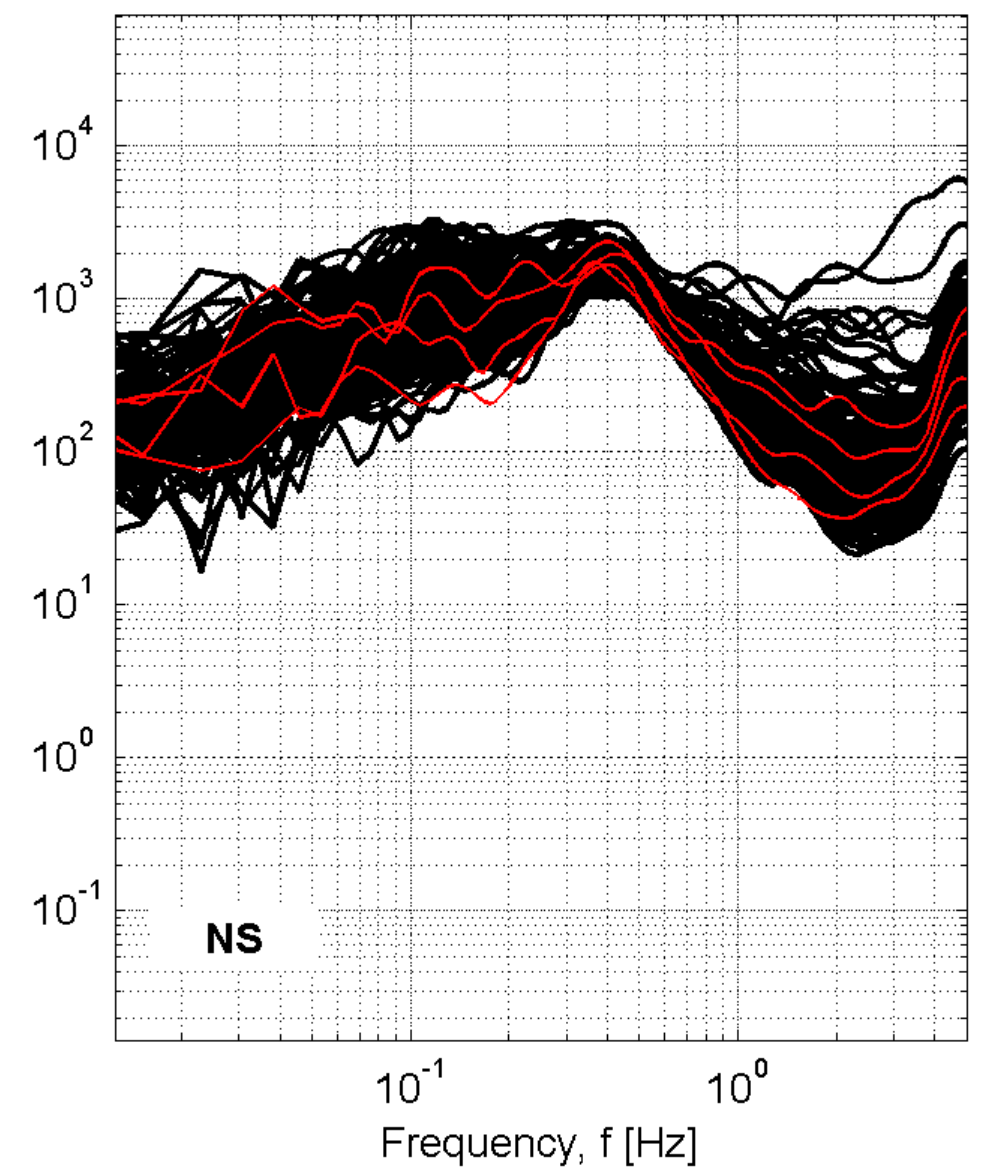
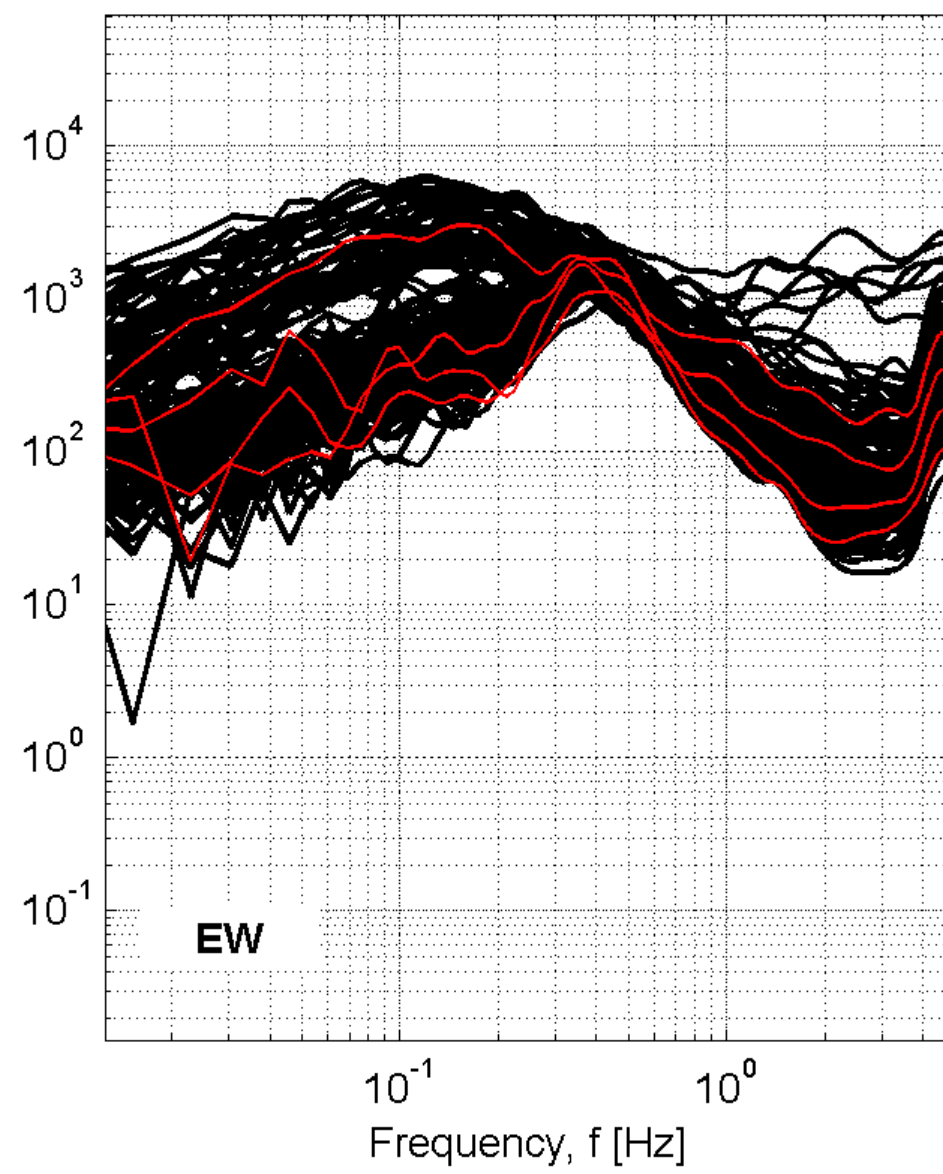
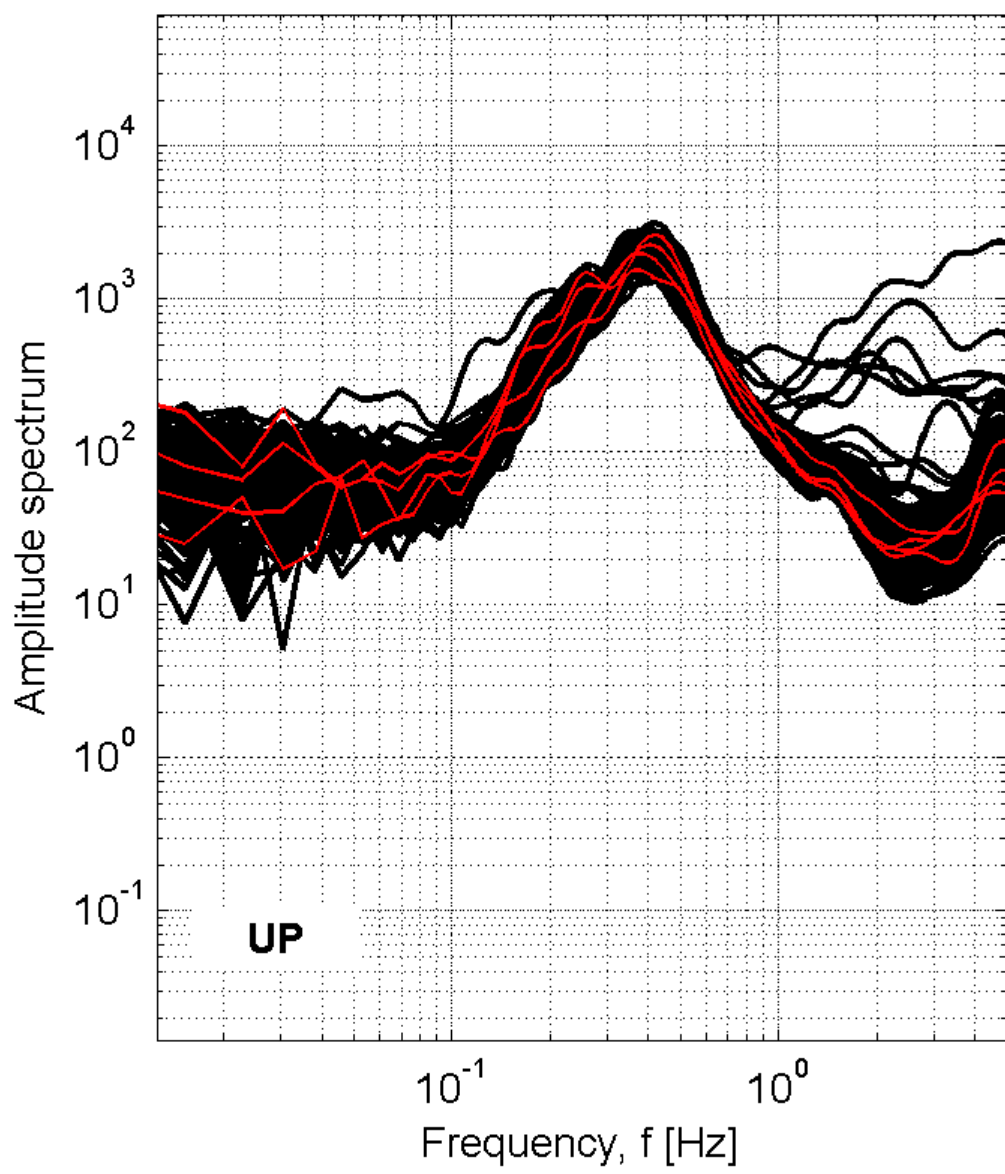
Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )  
 Window length ( $l_w$ ) = 100 [s]  
 Minimum expected  $f_0 = 0.2$  [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# SGD-S.Giovanni Rotondo



## Station: SGD-S.Giovanni Rotondo

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

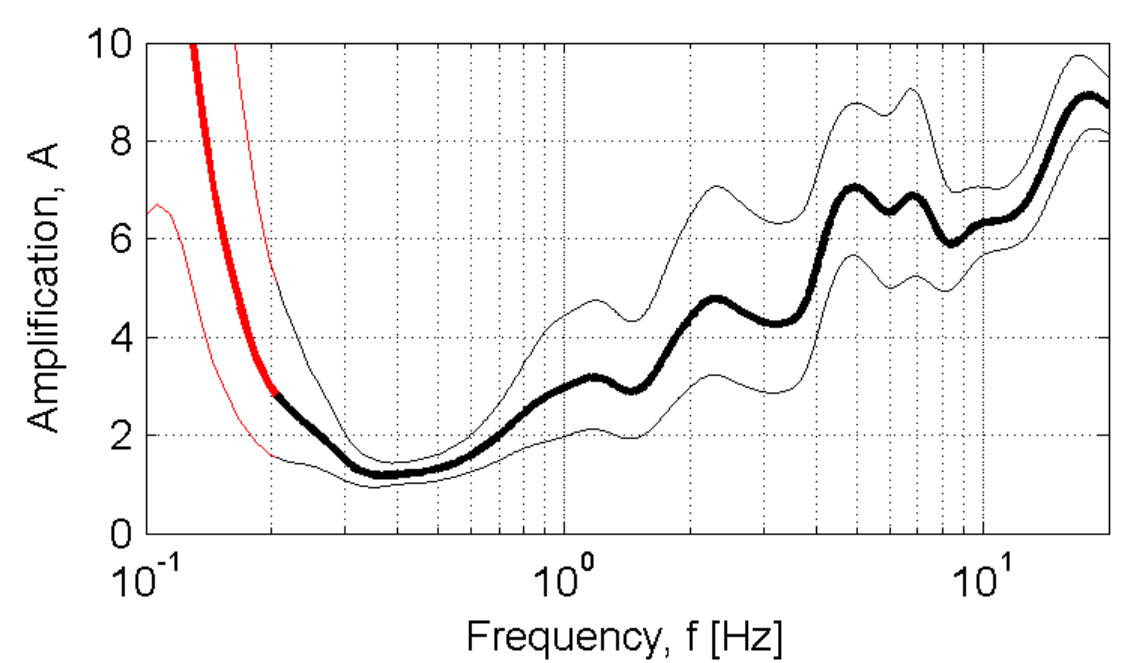
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

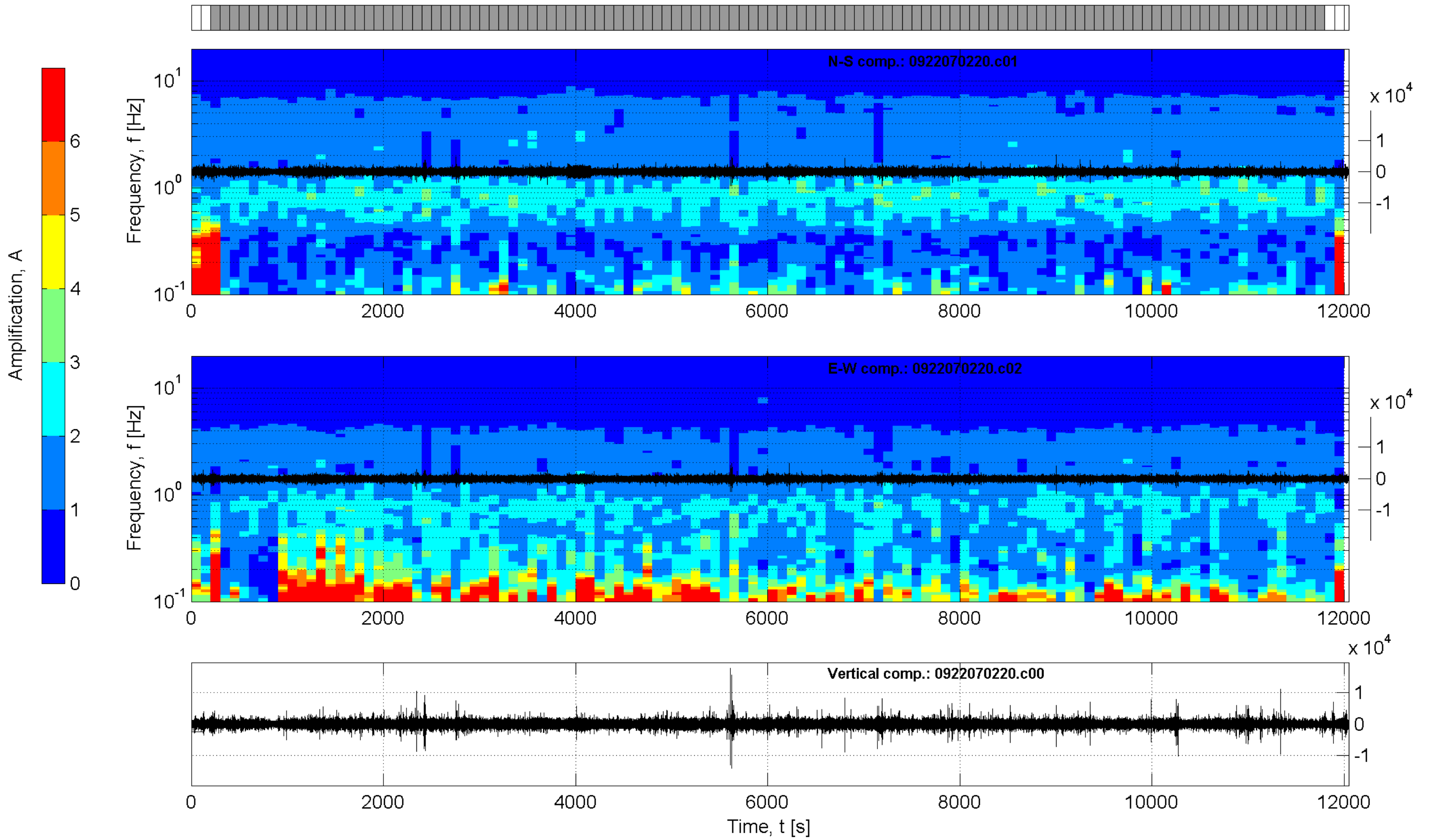
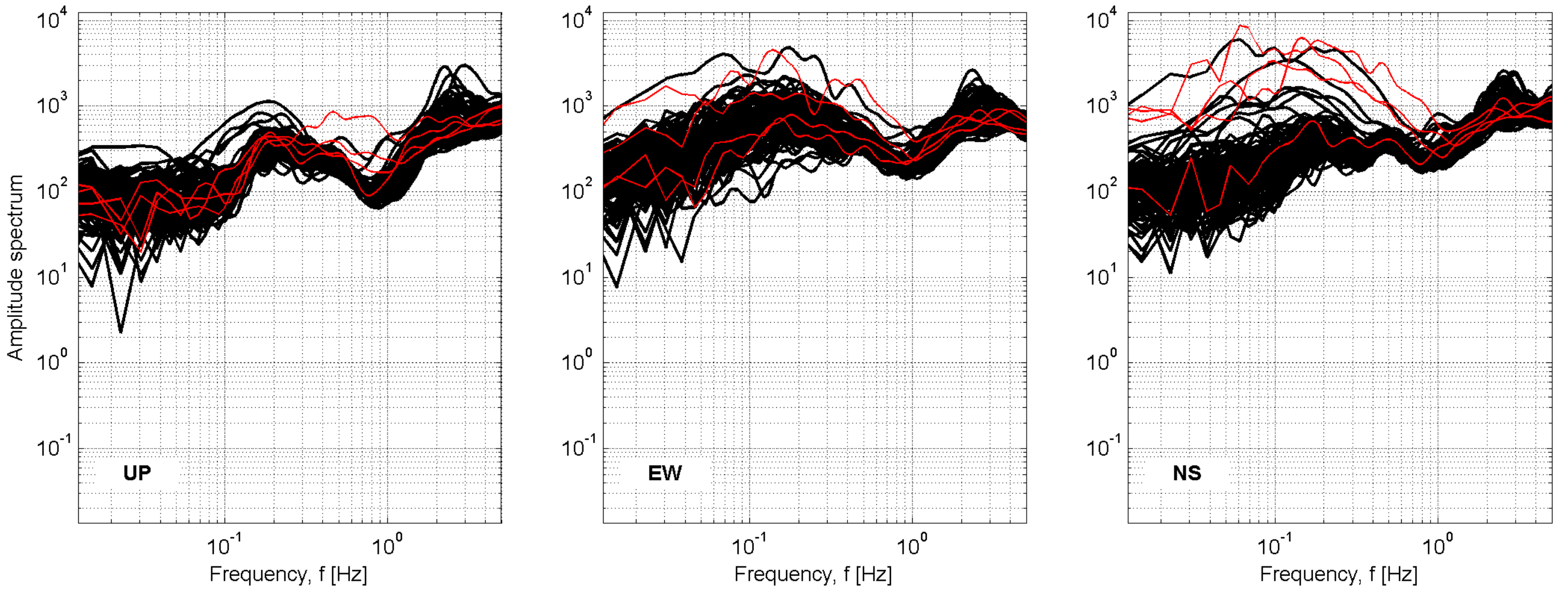
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



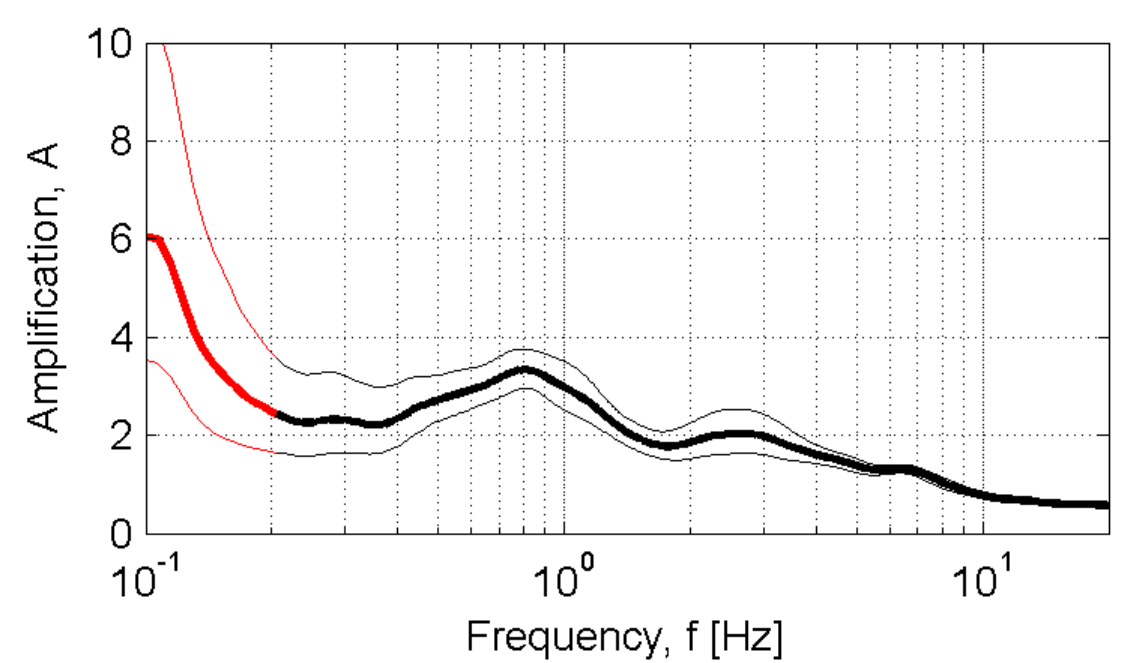
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# SLC\_Sala Consilina



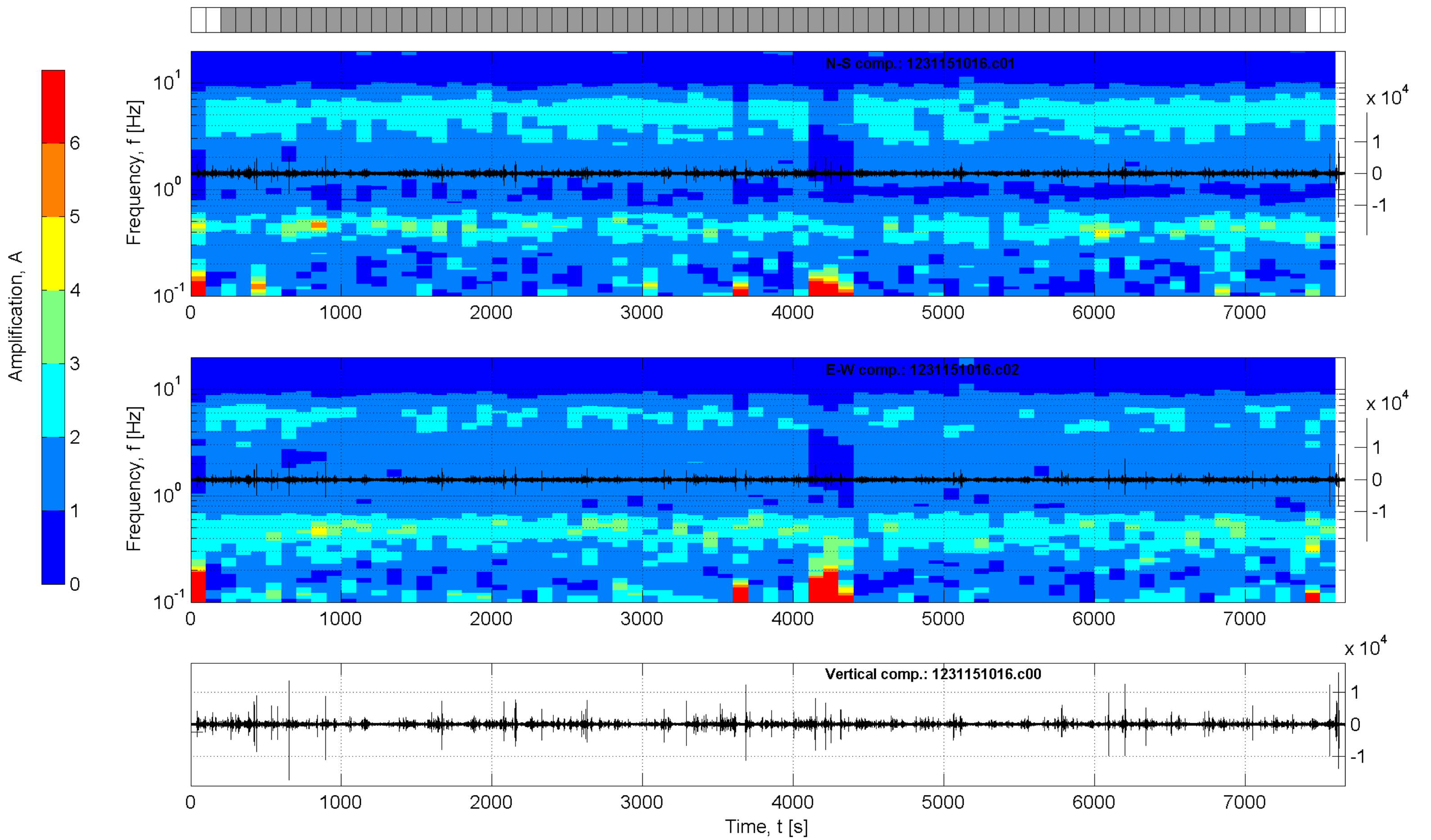
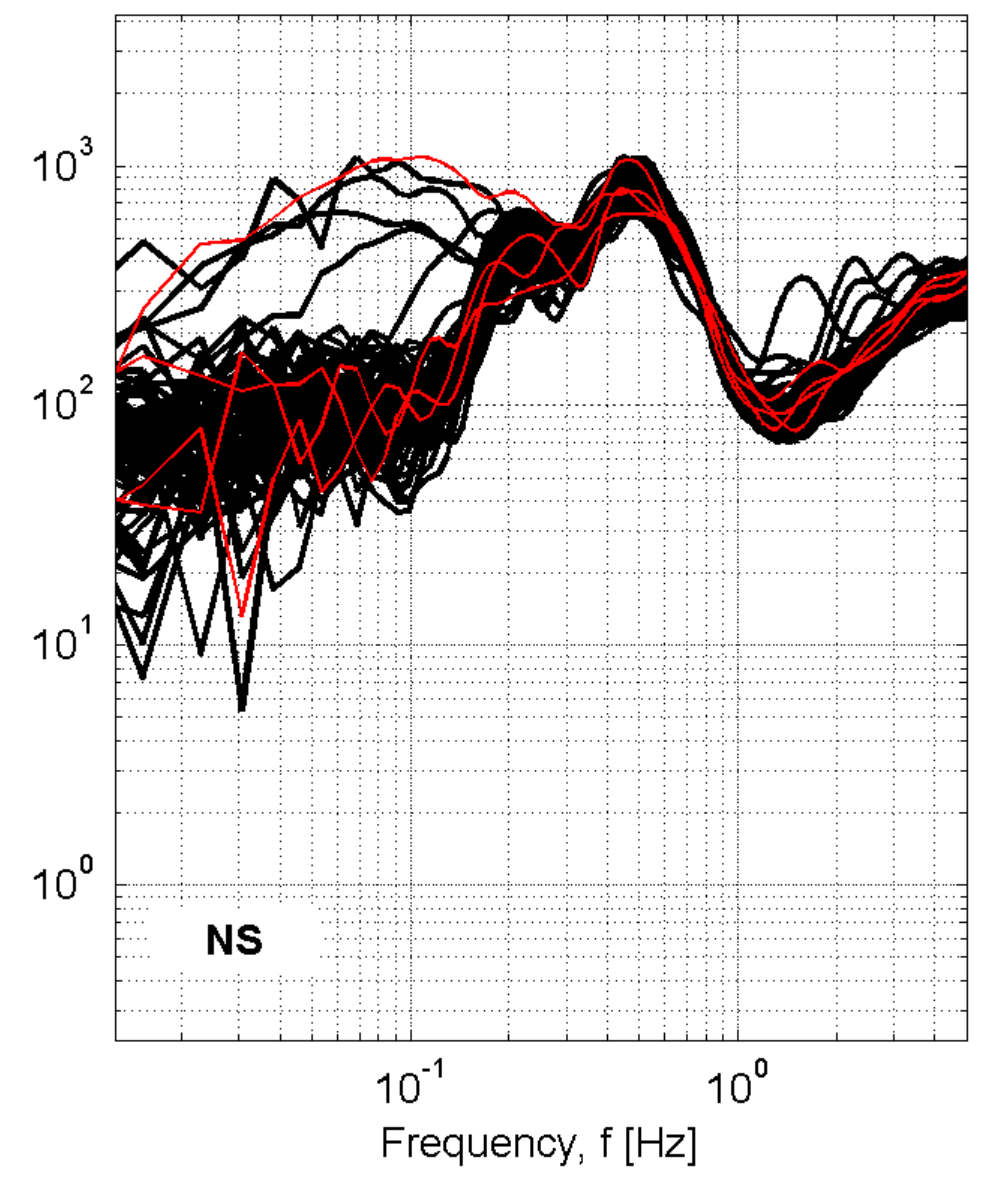
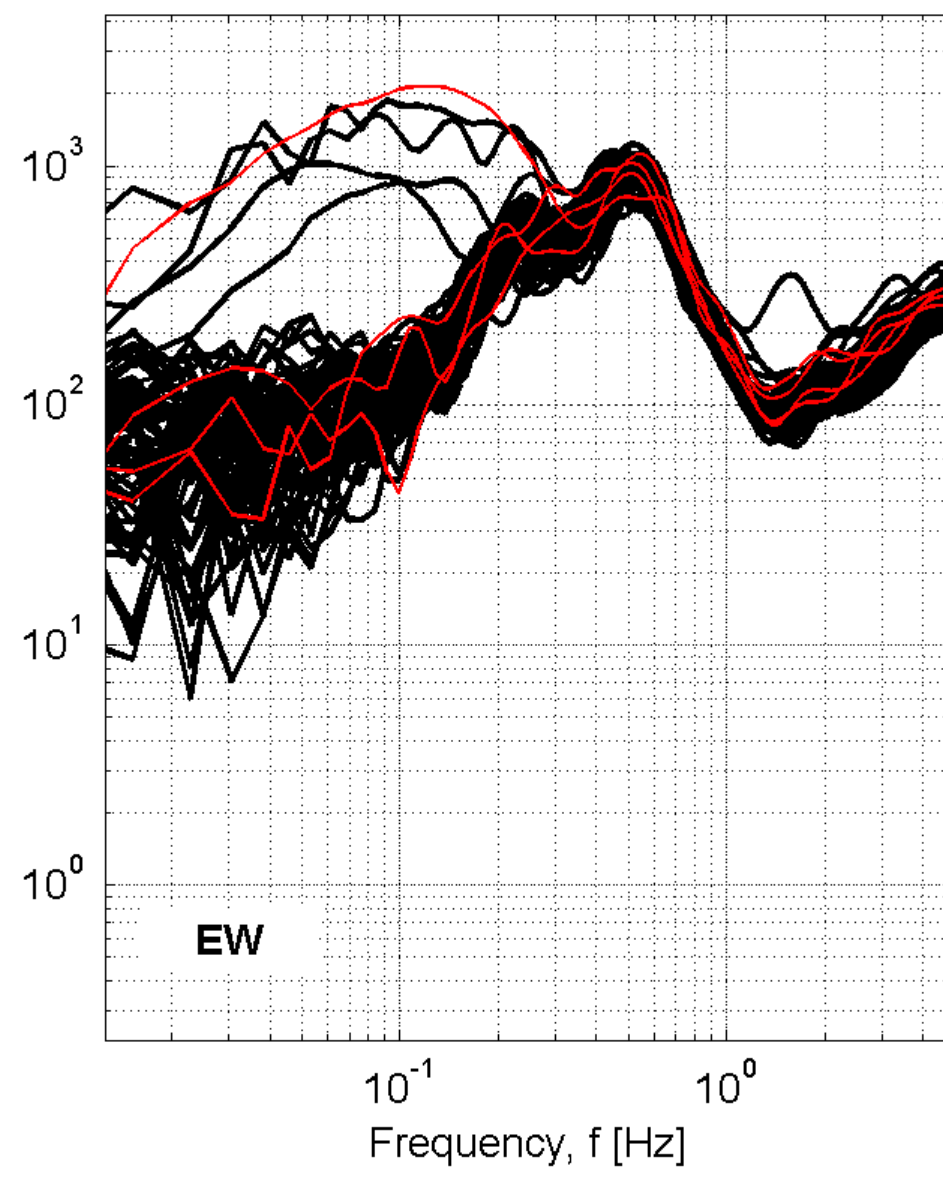
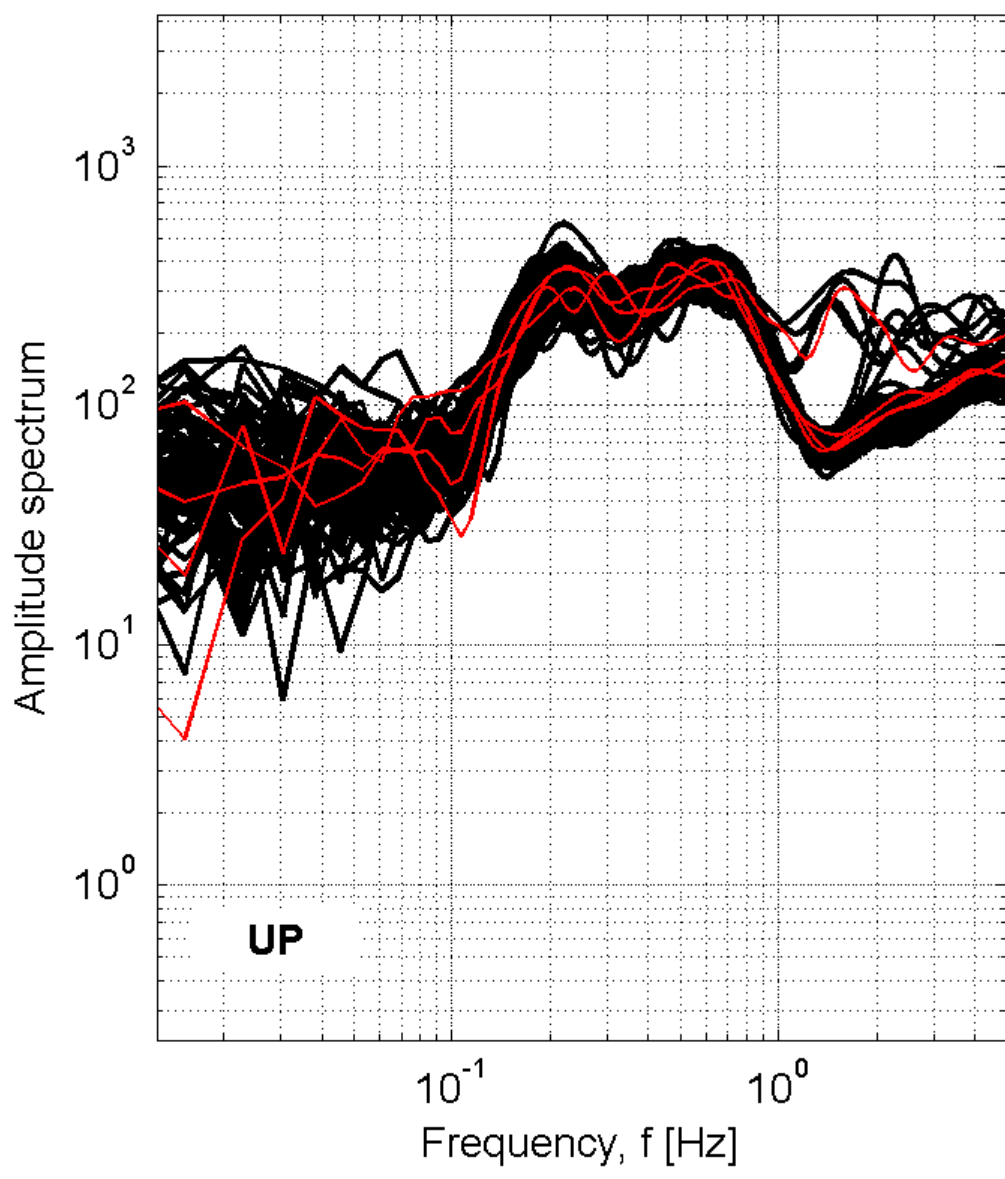
## Station: SLC\_Sala Consilina

Recording duration: 200:48 [min:sec] ( dt = 0.008 [s] )  
 Window length ( $l_w$ ) = 100 [s]  
 Minimum expected  $f_0 = 0.2$  [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



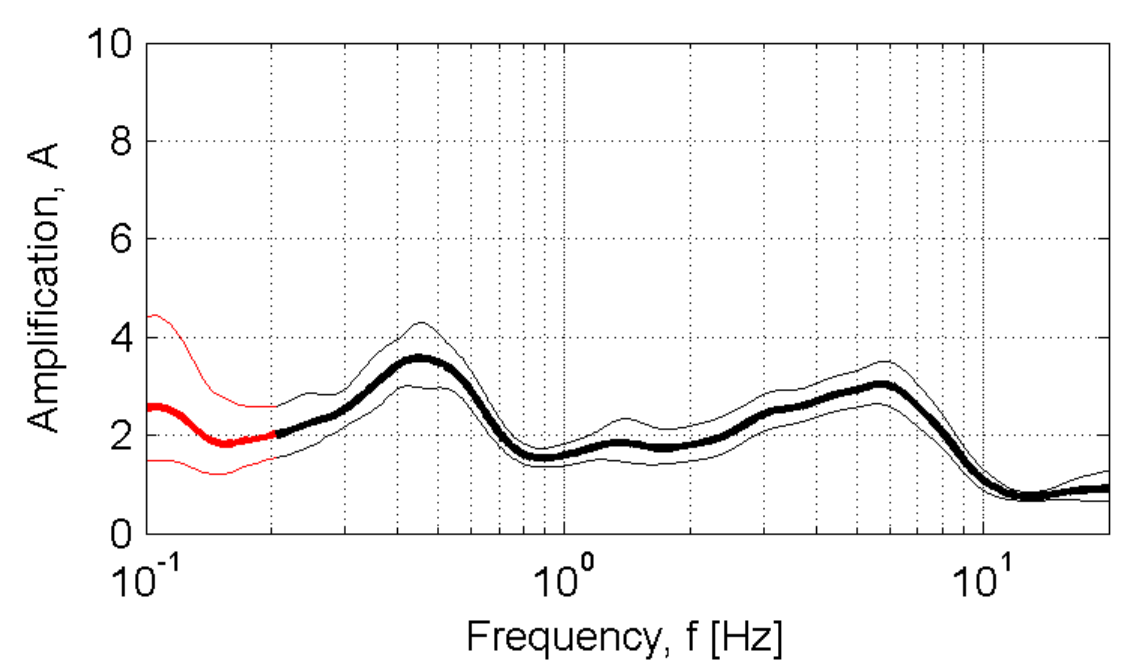
Developed in the field of the DPC-INGV S4-Project (2007-2009)  
 by Rodolfo Puglia - Dino Bindi - Lucia Luzi - Francesca Pacor

# SMA-San Marco Argentano



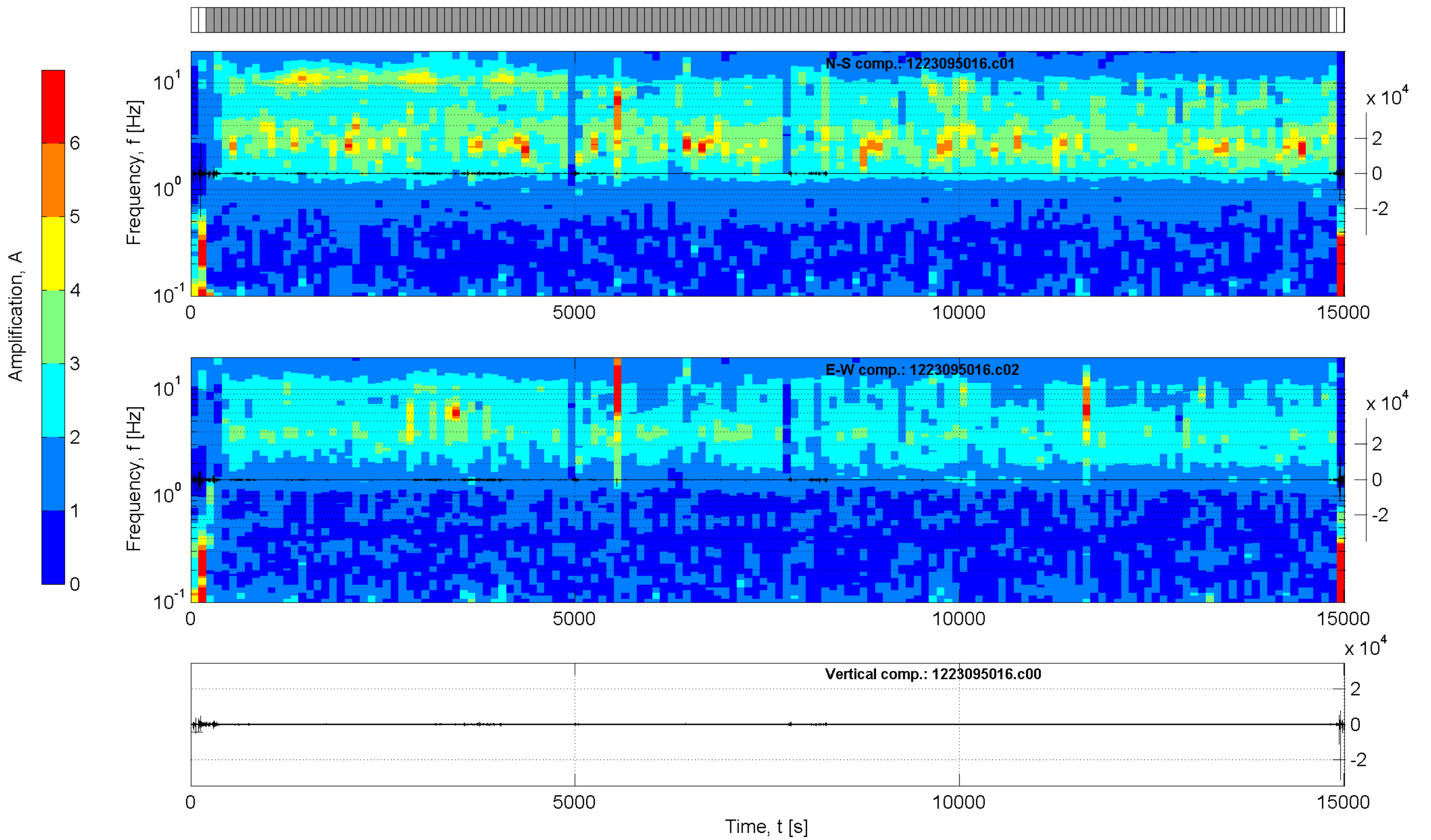
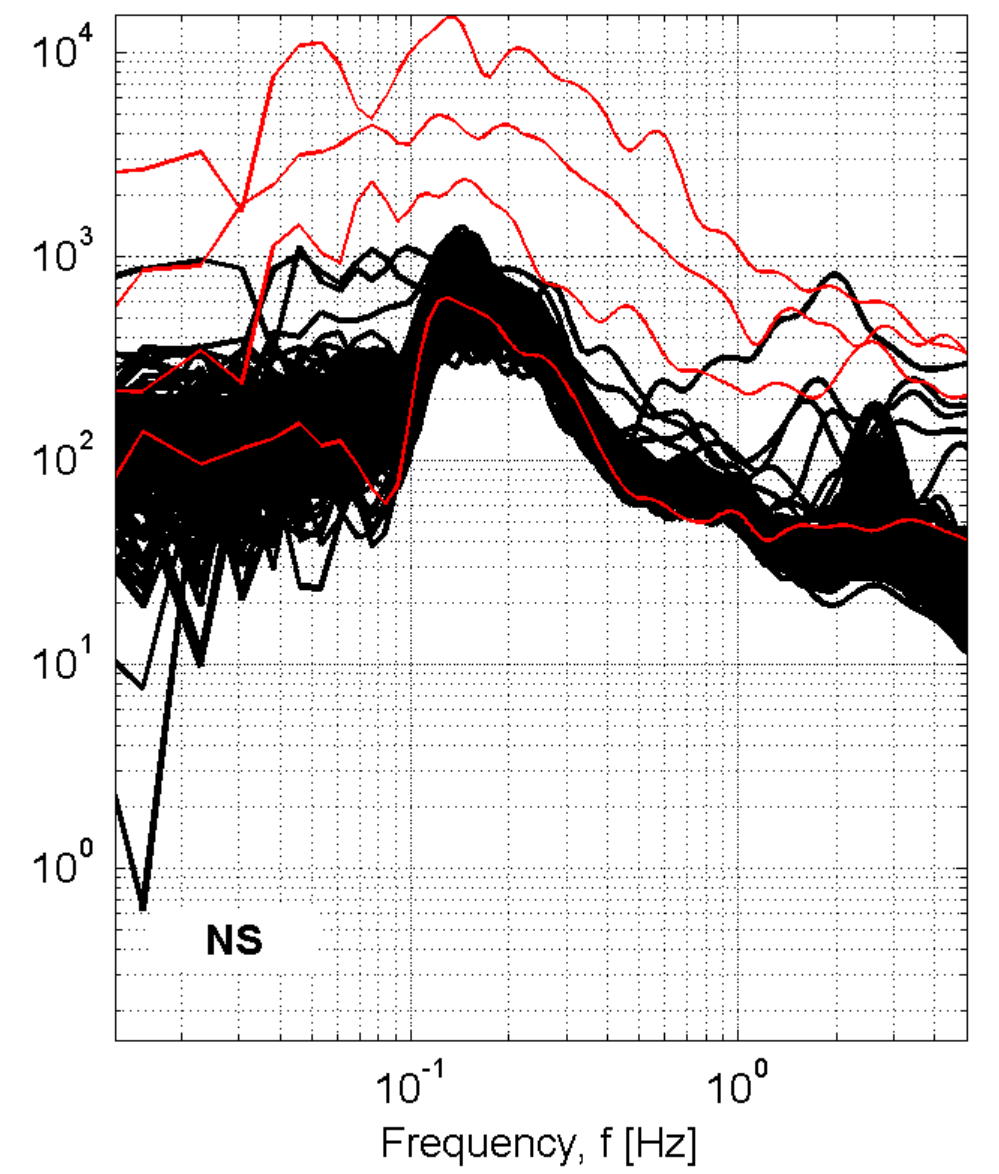
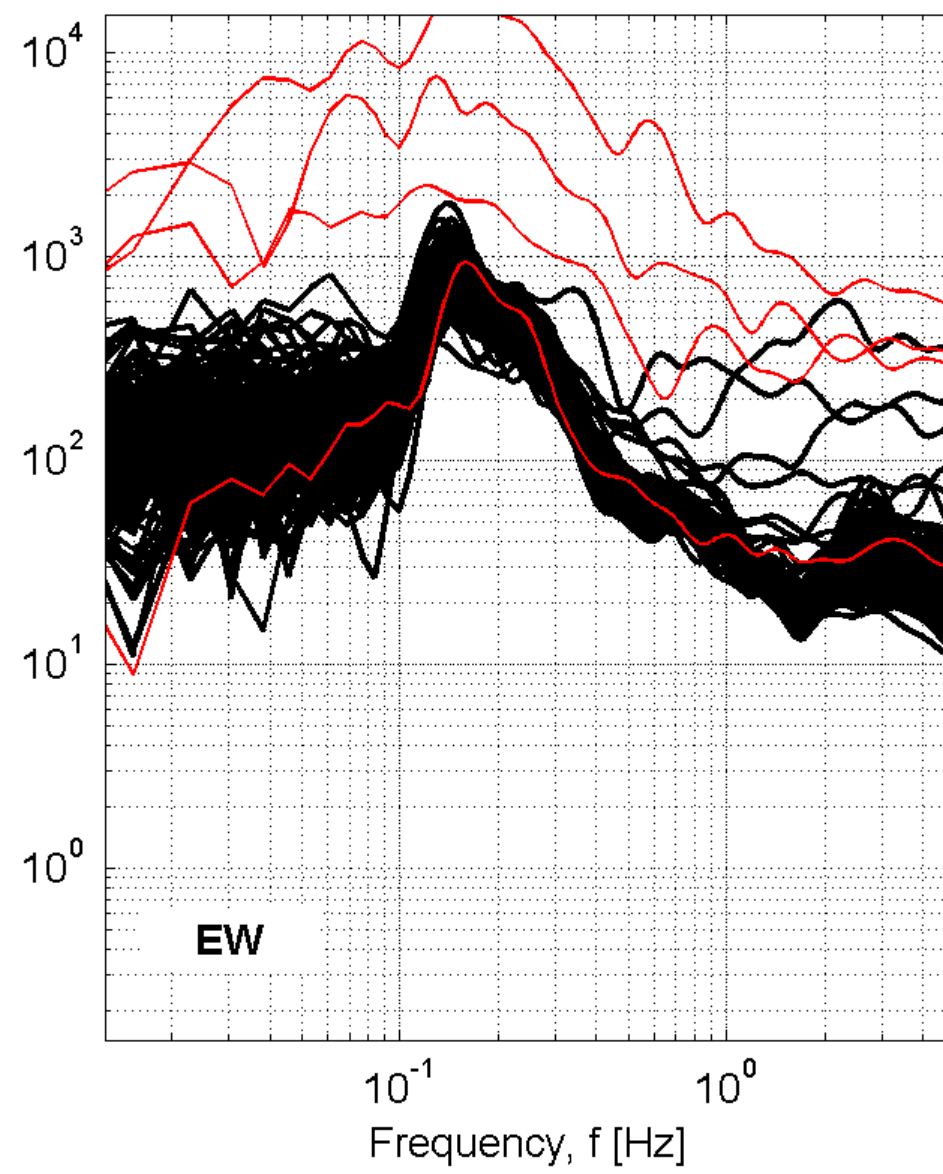
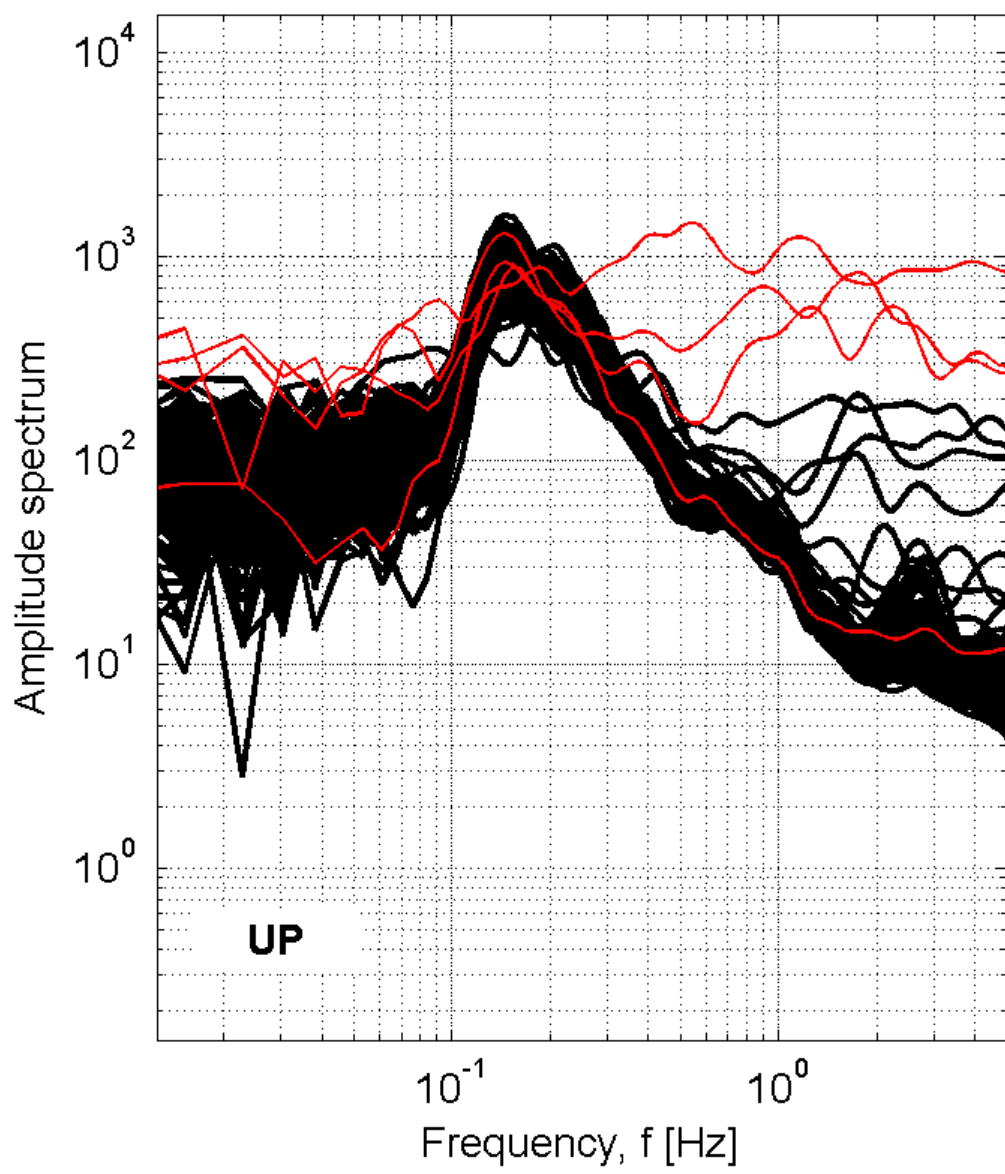
## Station: SMA-San Marco Argentano

Recording duration: 127:44 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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 by Rodolfo Puglia - Dino Bindi - Lucia Luzi - Francesca Pacor

# SMP-San Marcello Pistoiese



## Station: SMP-San Marcello Pistoiese

Recording duration: 250:09 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

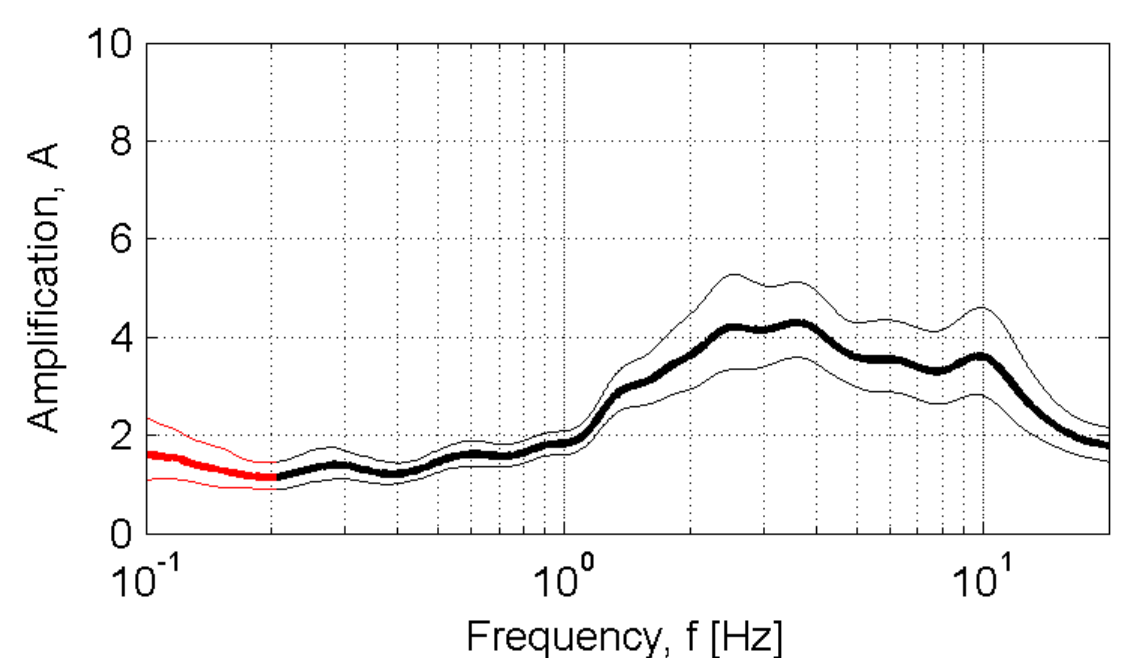
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

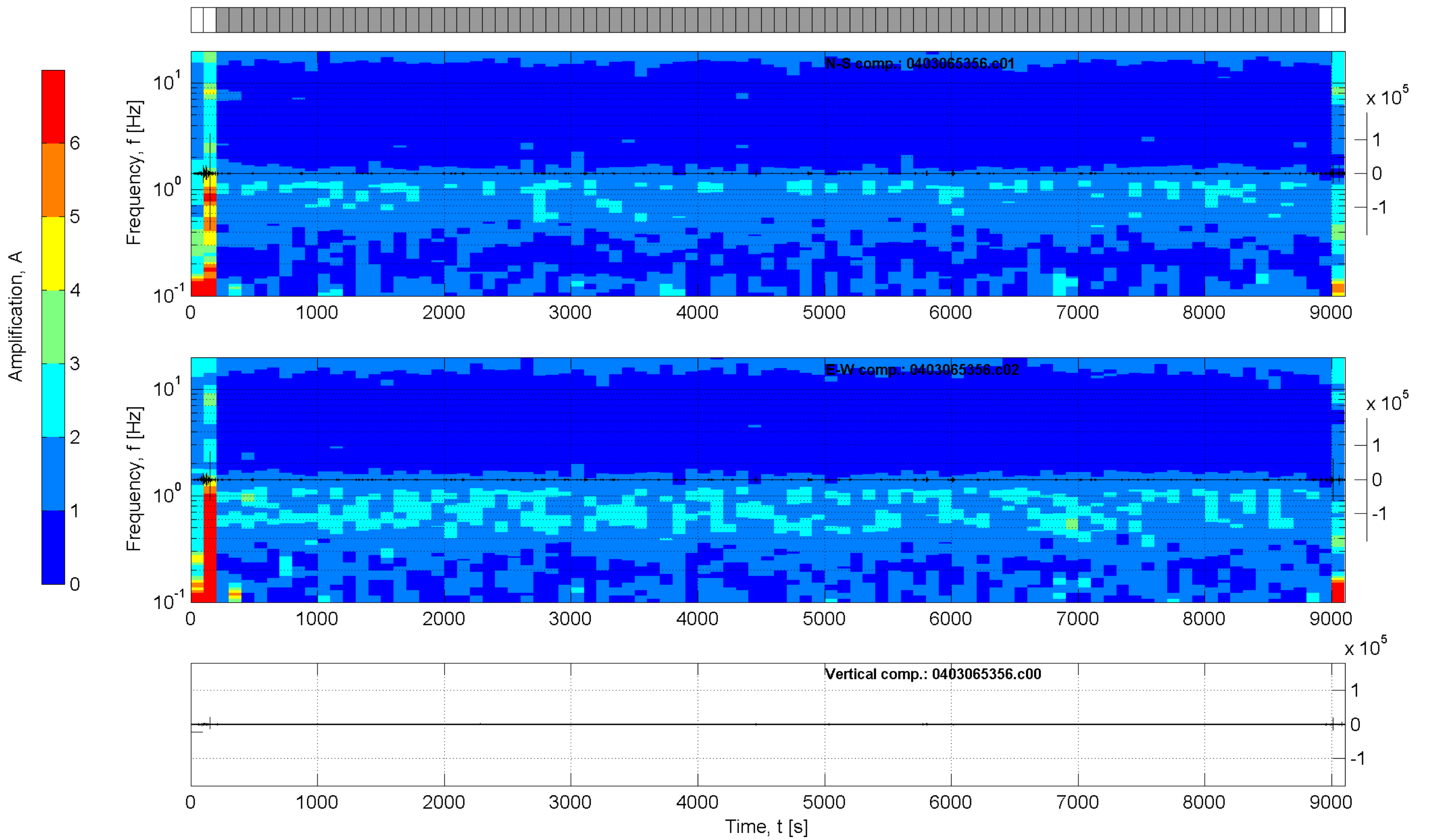
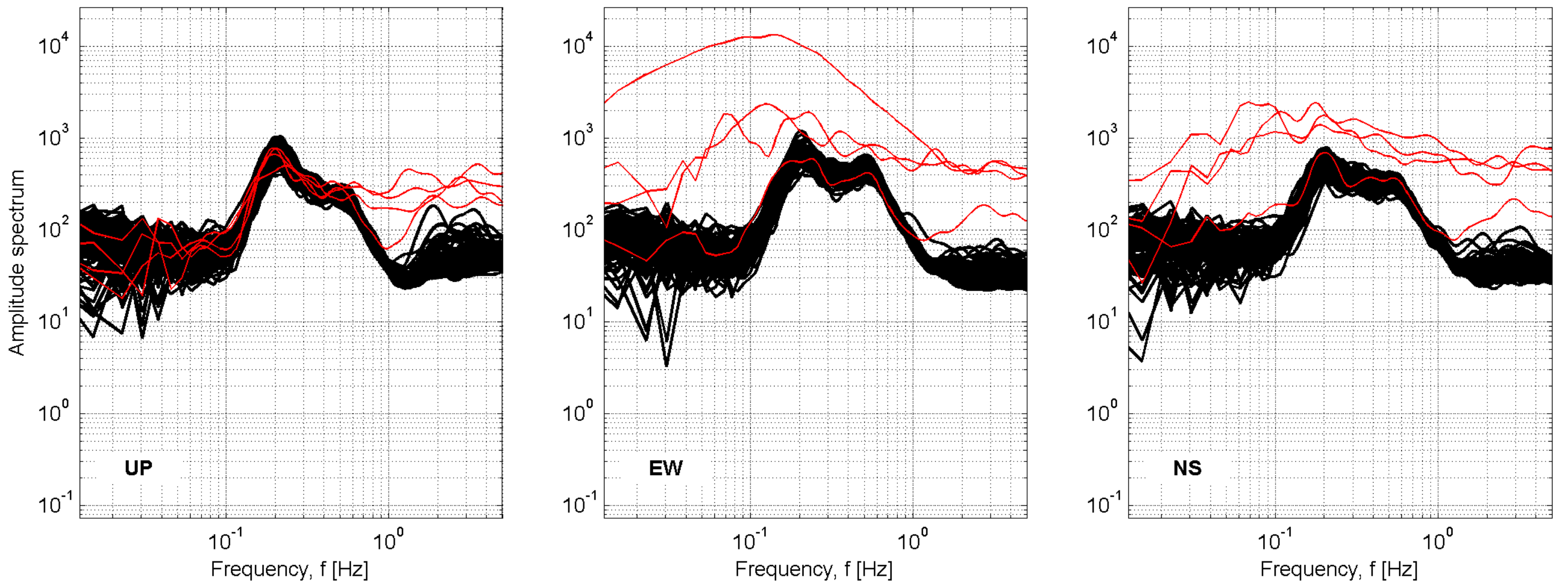
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SMR-S Mauro Forte



## Station: SMR-S Mauro Forte

Recording duration: 151:44 [min:sec] ( dt = 0.008 [s] )

Window length ( $l_w$ ) = 100 [s]

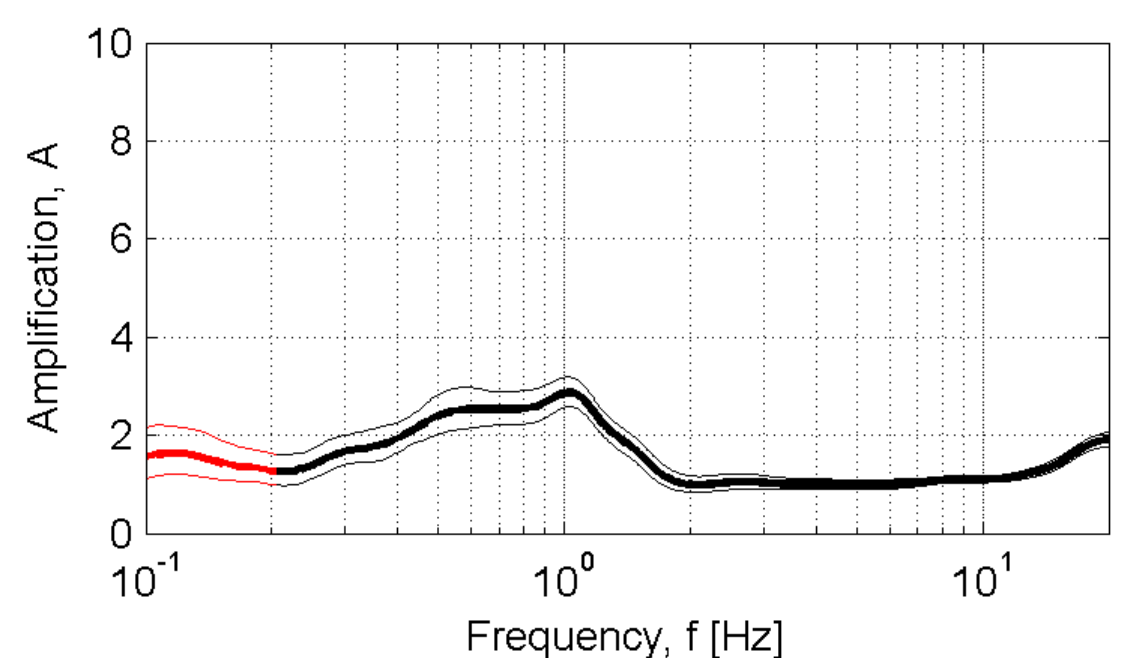
Minimum expected  $f_0 = 0.2$  [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

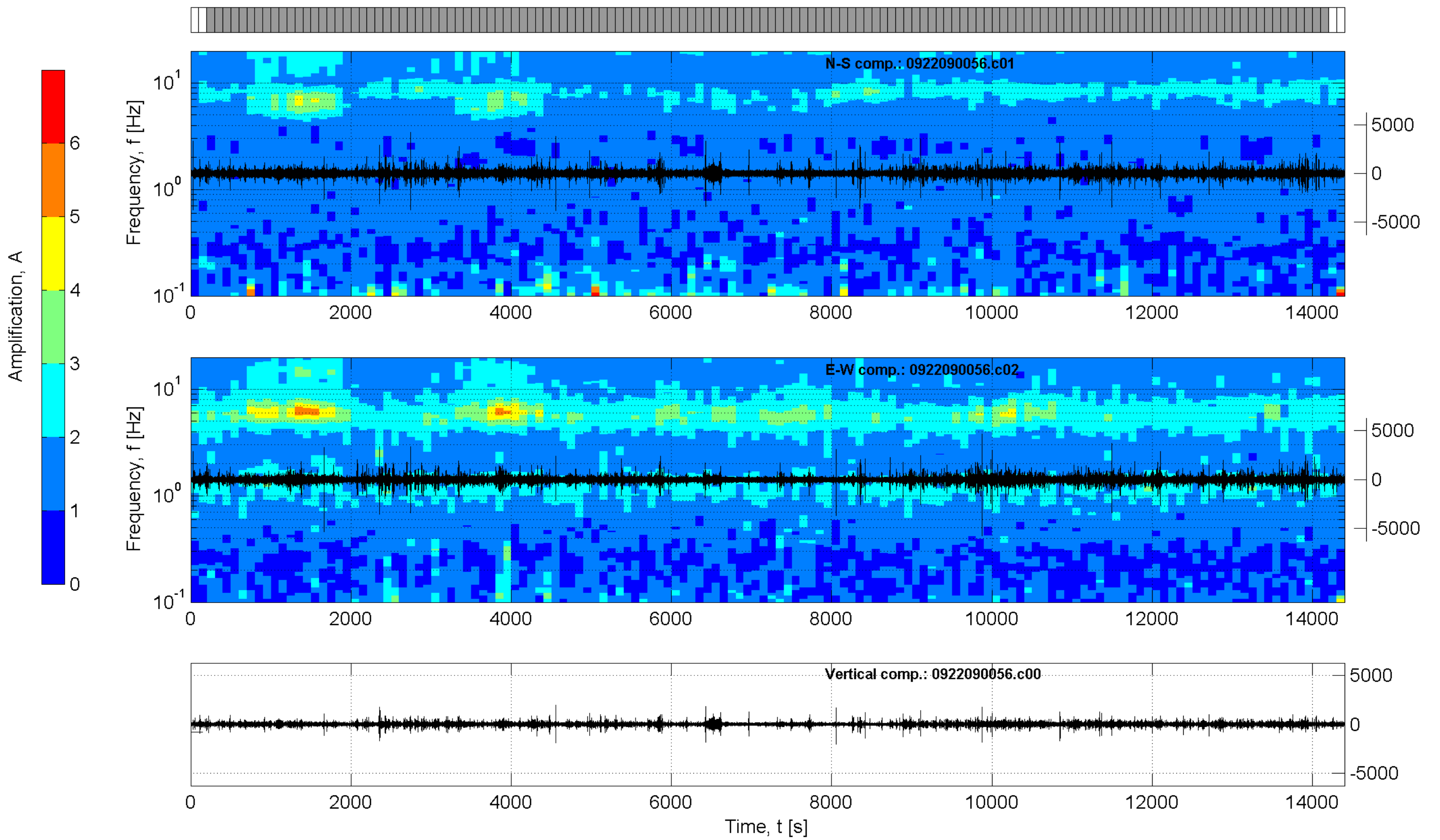
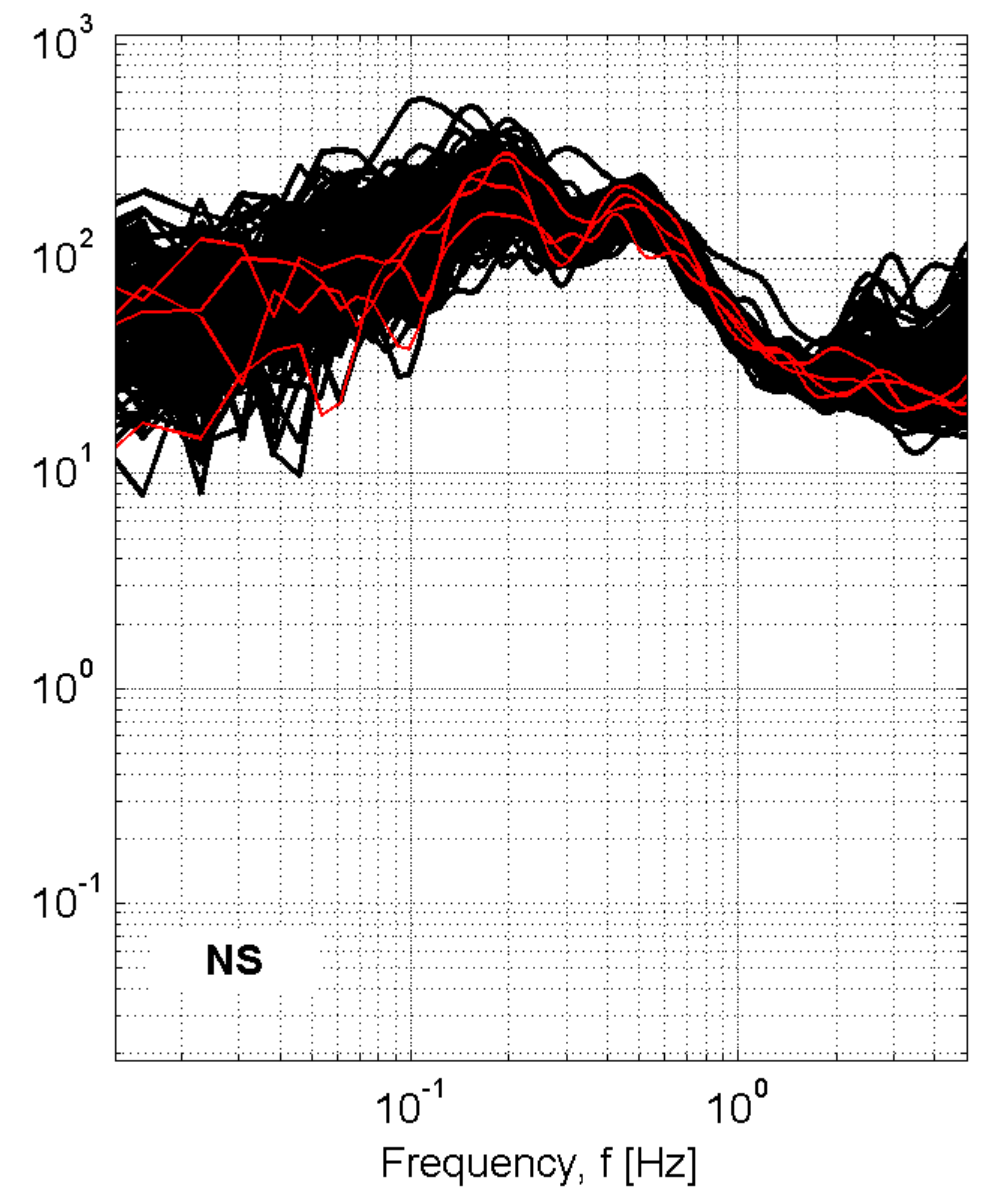
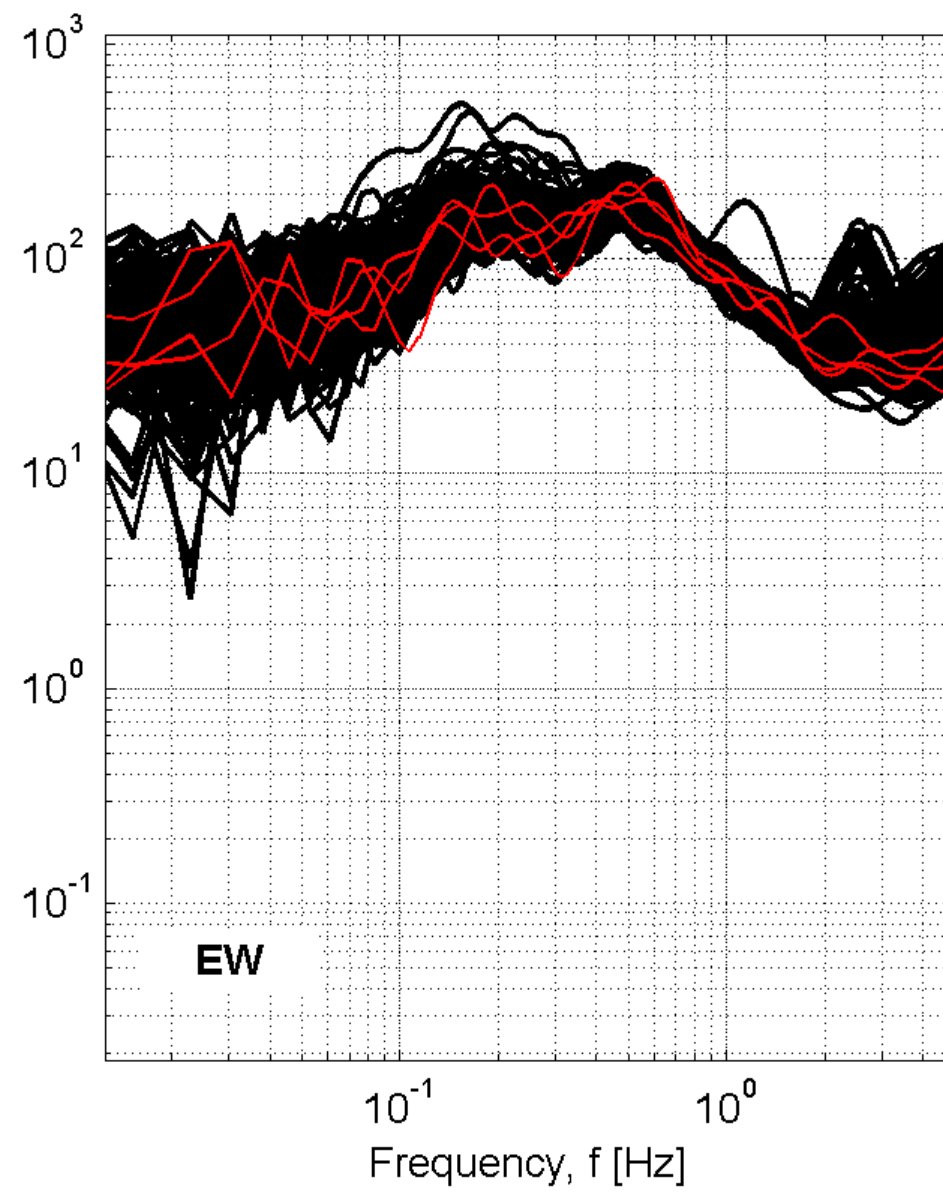
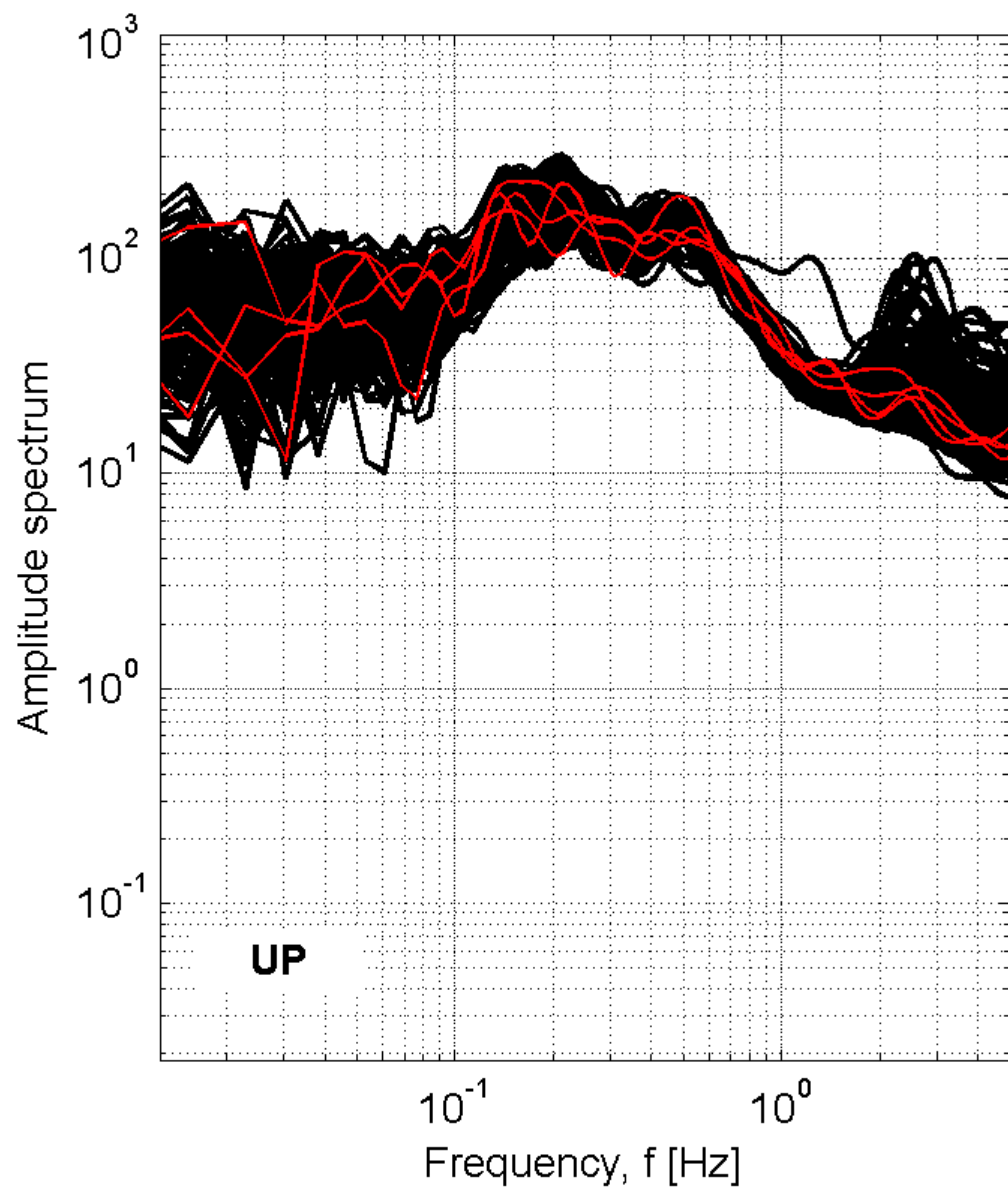
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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by Rodolfo Puglia - Dino Bindi - Lucia Luzi - Francesca Pacor

# SNZ\_Sanza



## Station: SNZ\_Sanza

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

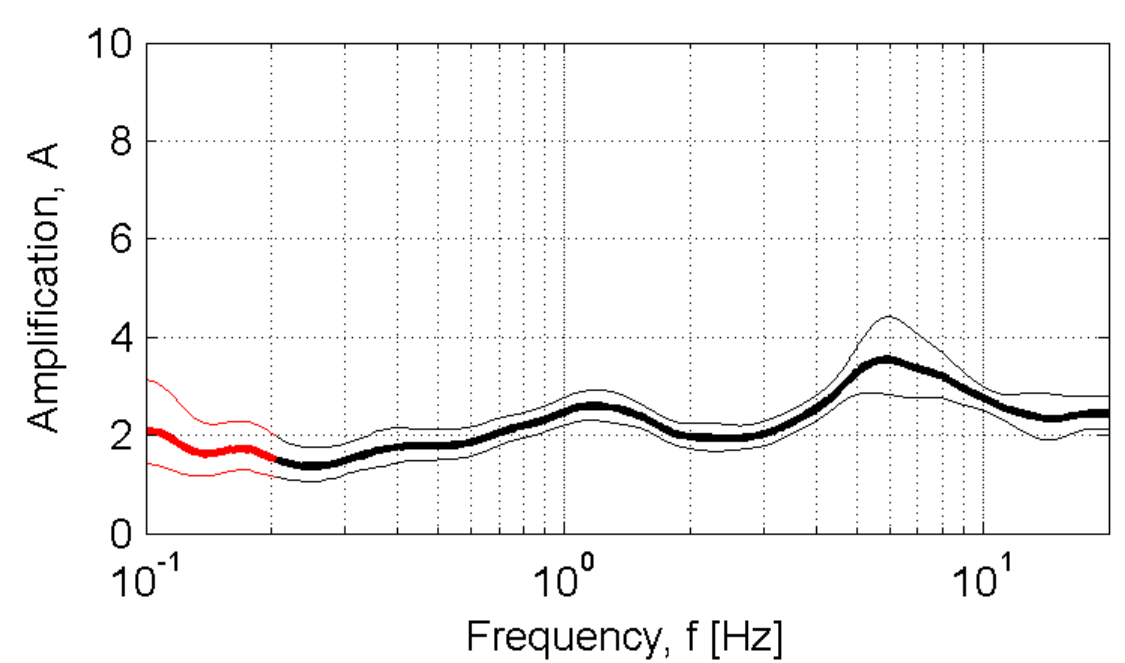
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

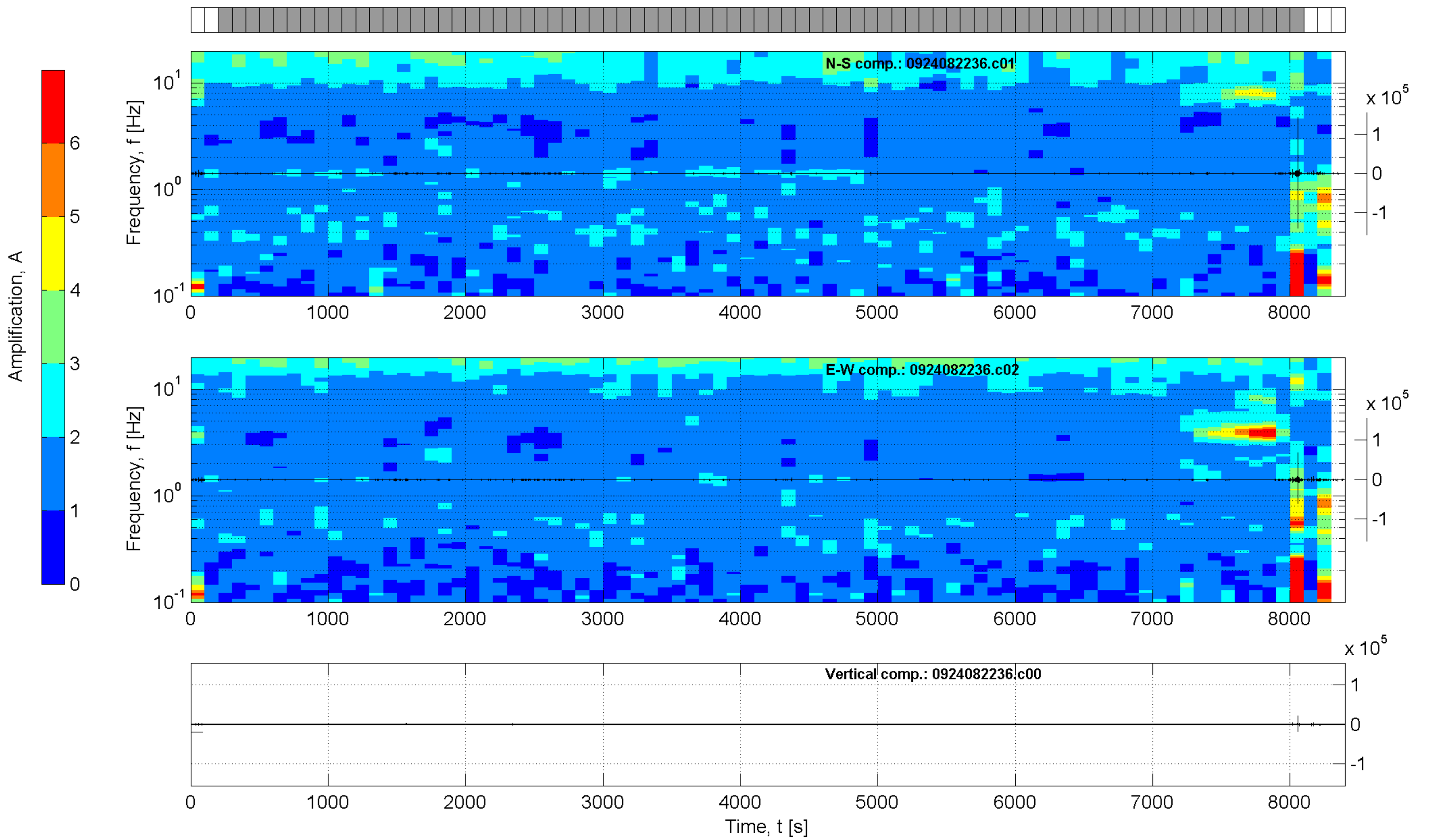
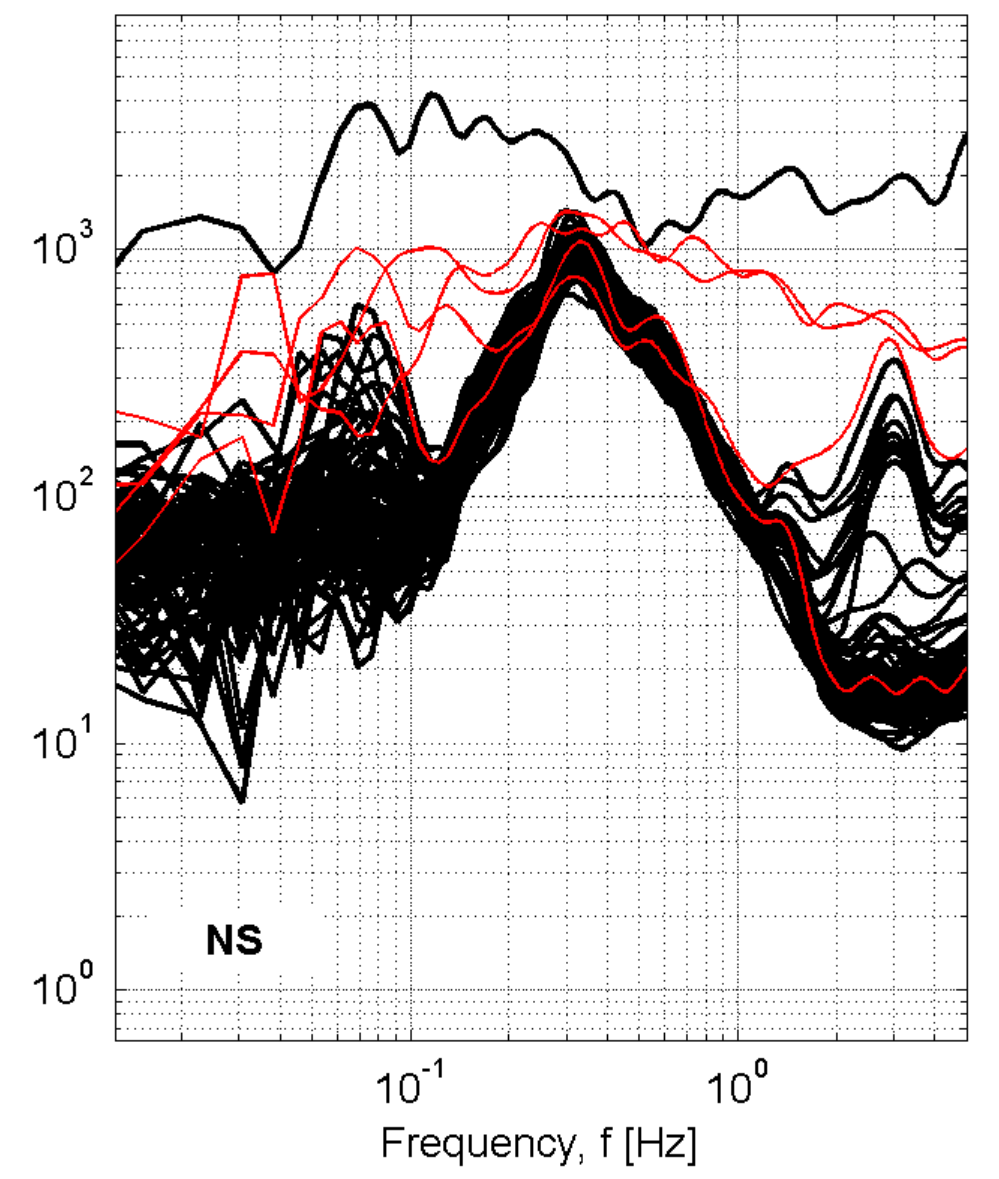
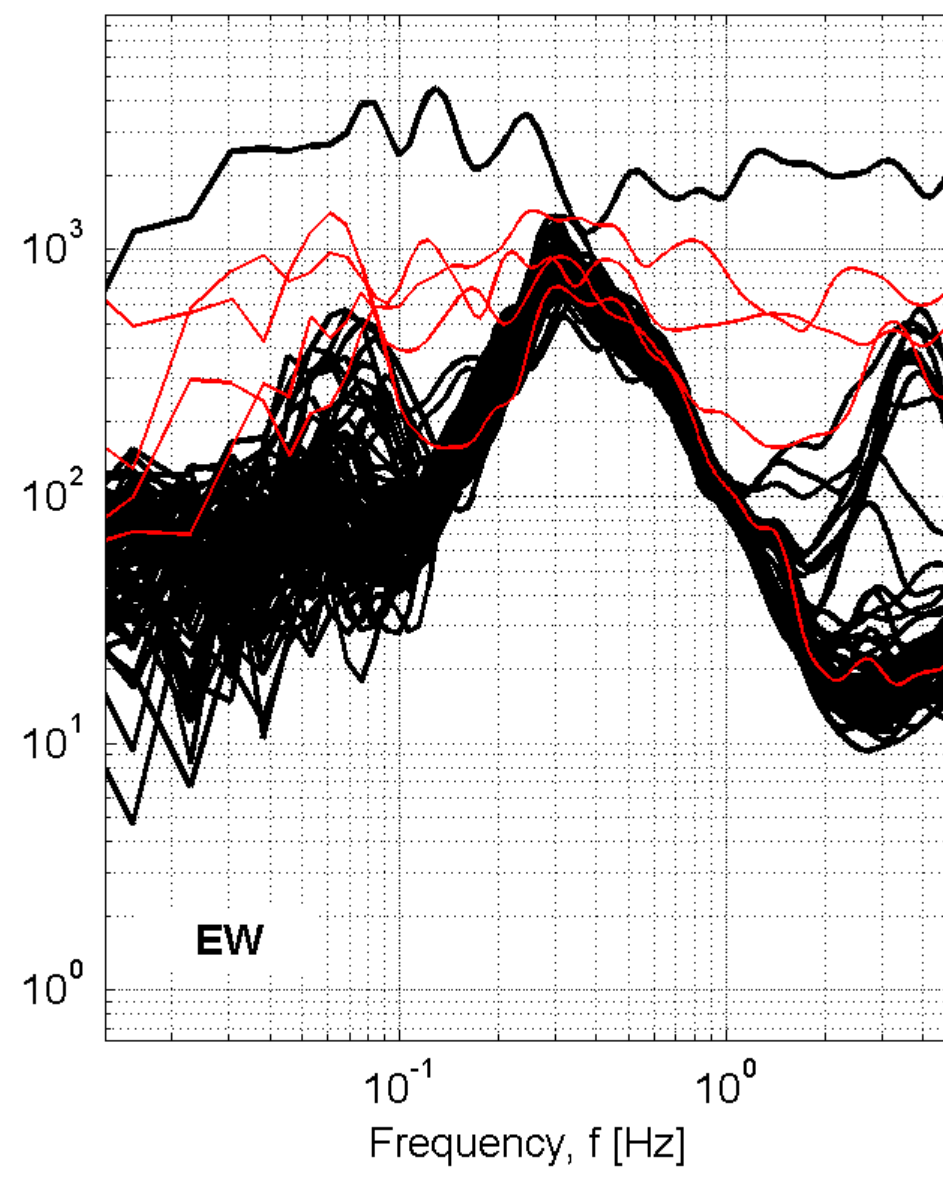
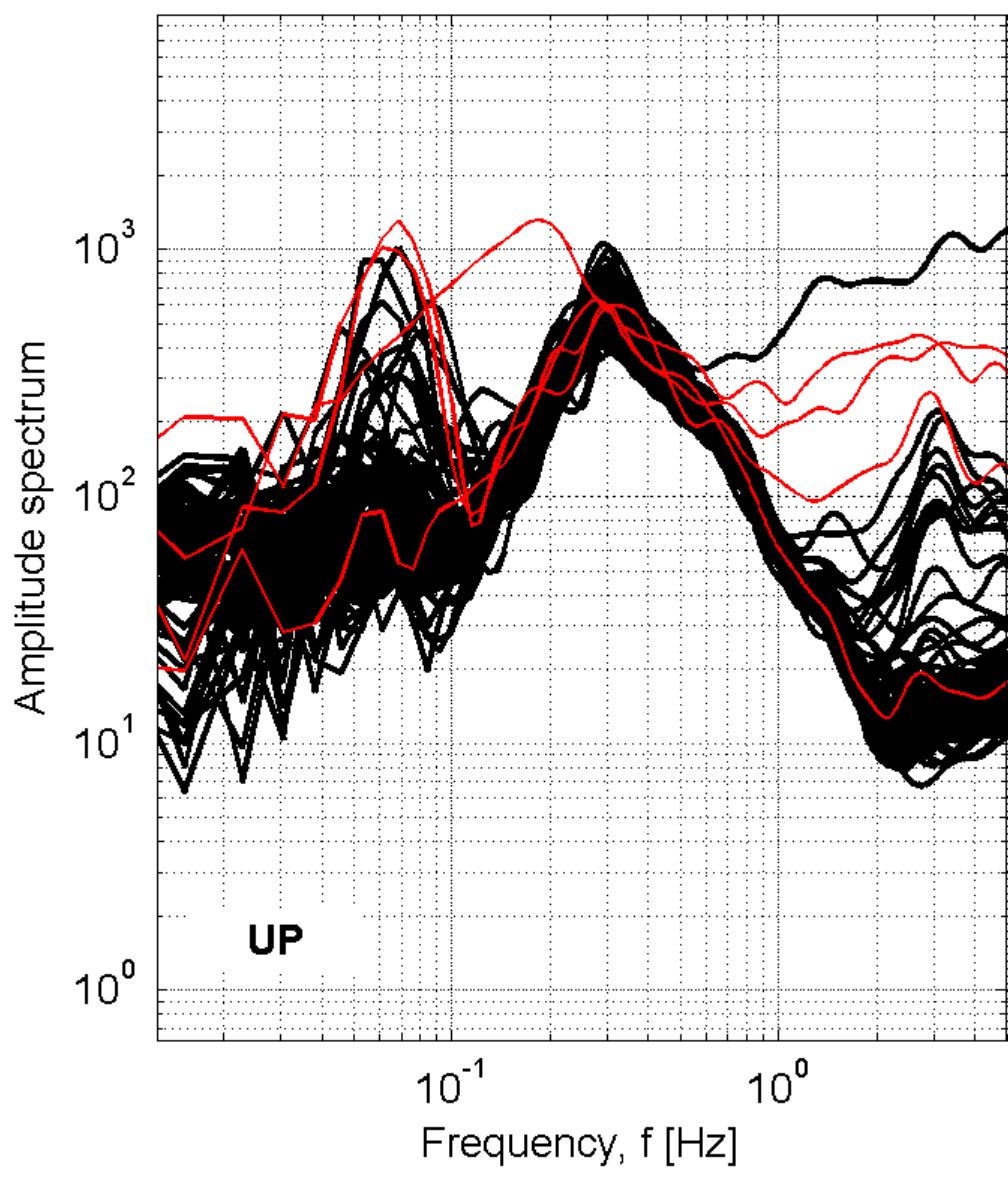
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SPA\_S.Paolo Albanese



## Station: SPA\_S.Paolo Albanese

Recording duration: 140:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

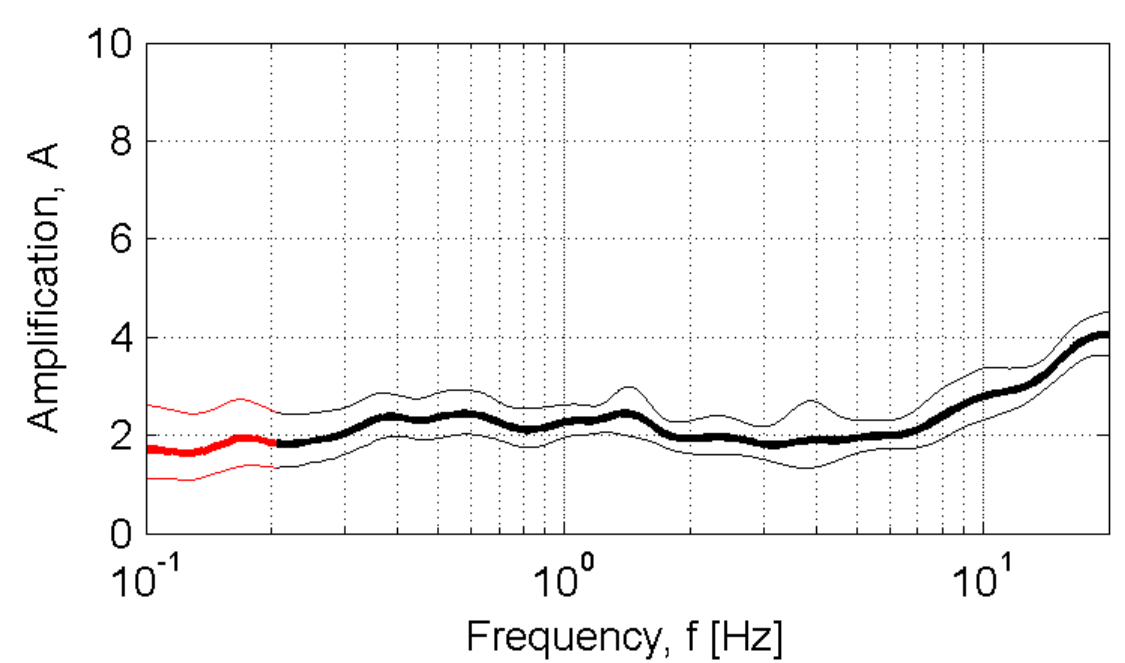
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

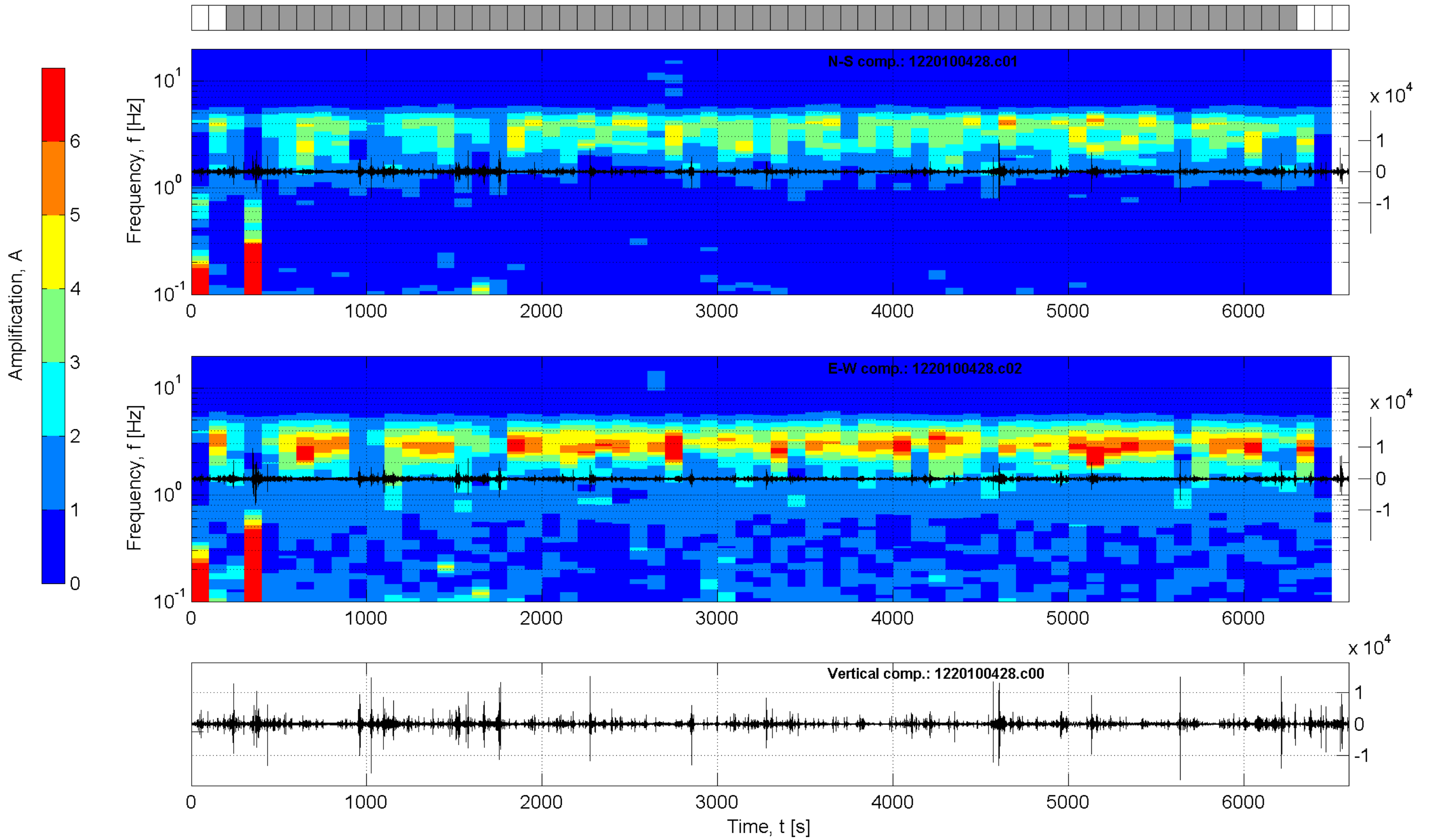
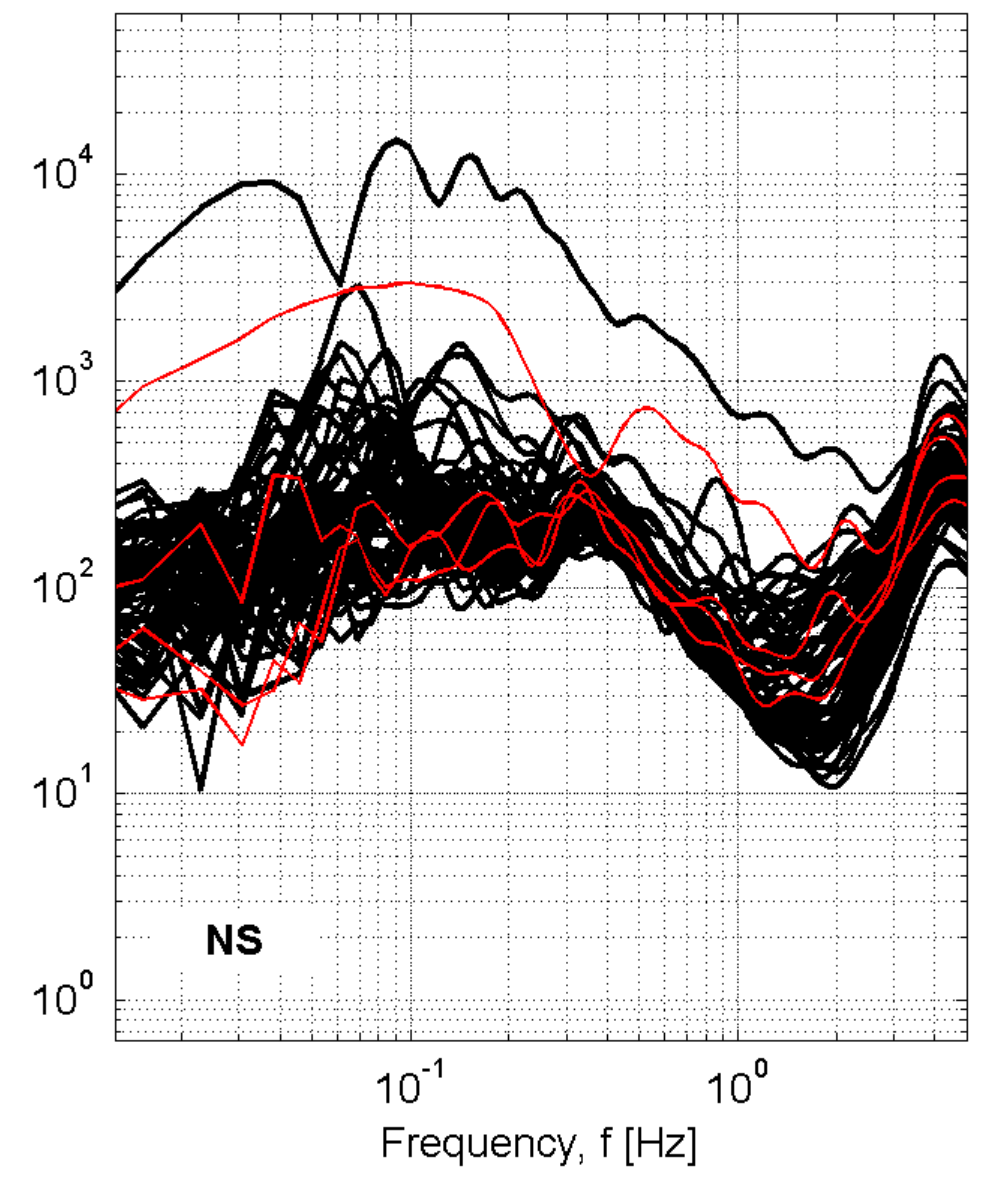
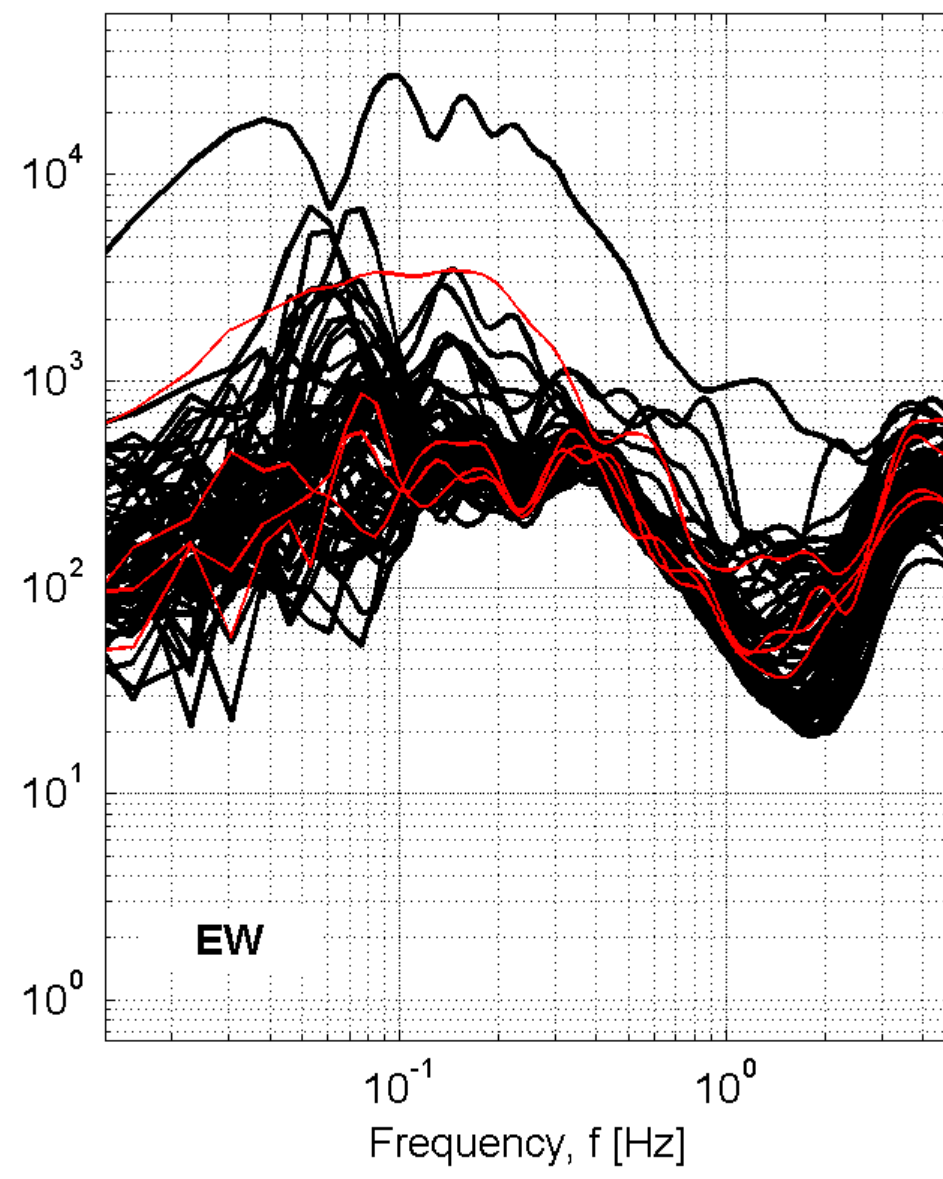
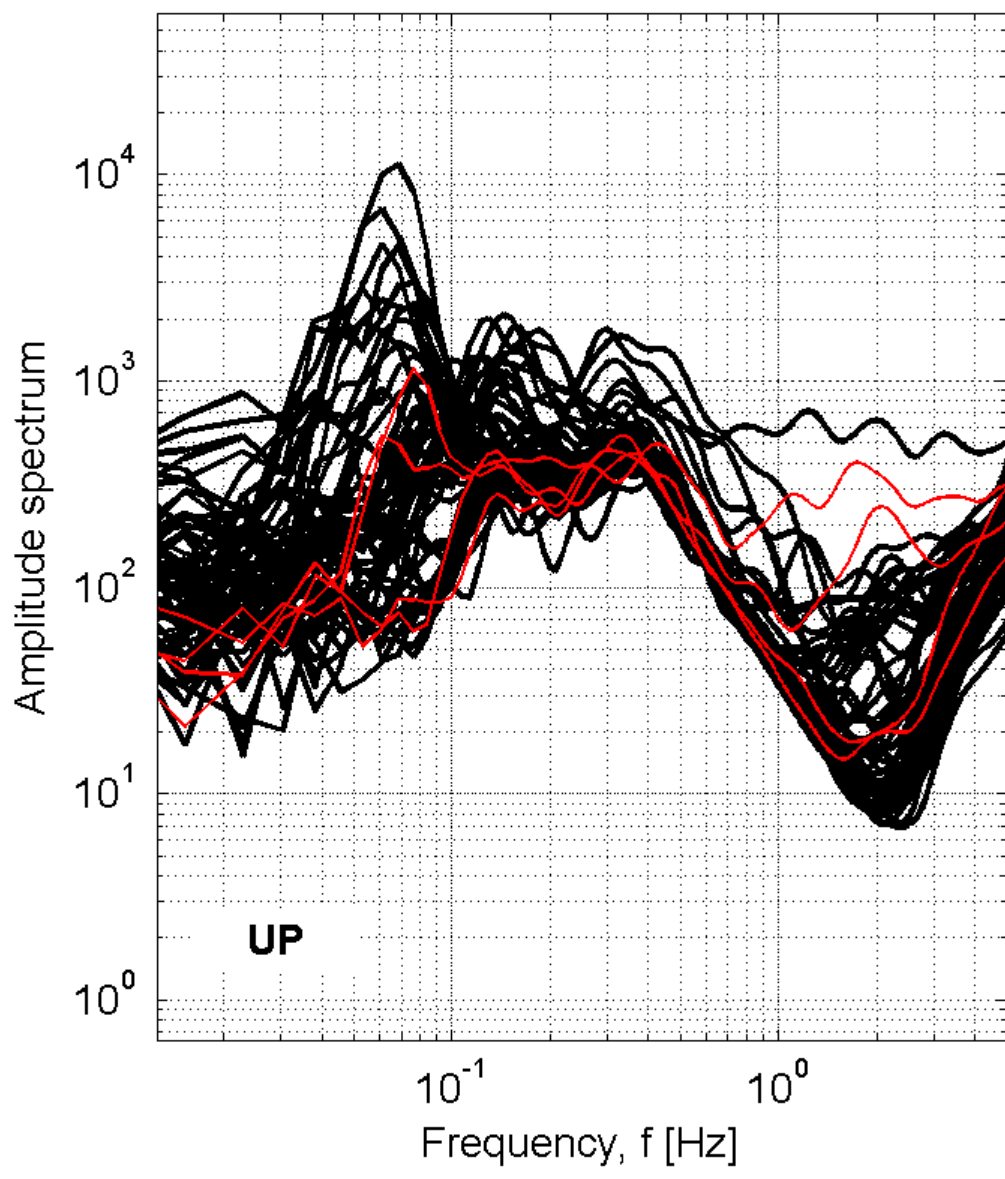
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SPS-Spezzano della Sila



## Station: SPS-Spezzano della Sila

Recording duration: 109:56 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

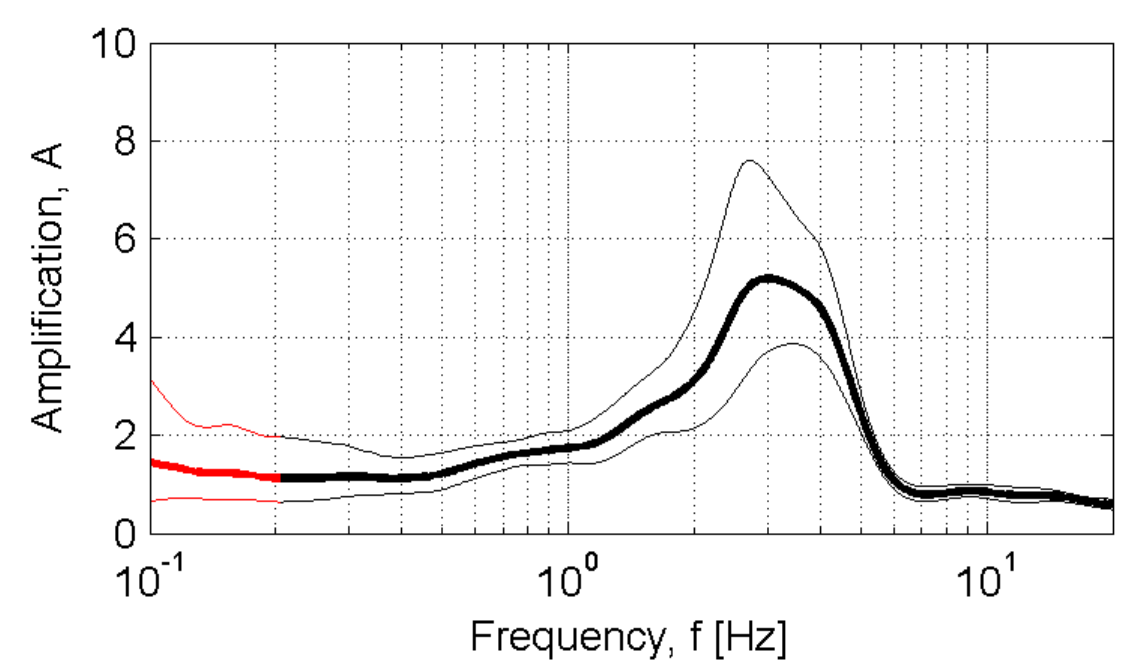
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

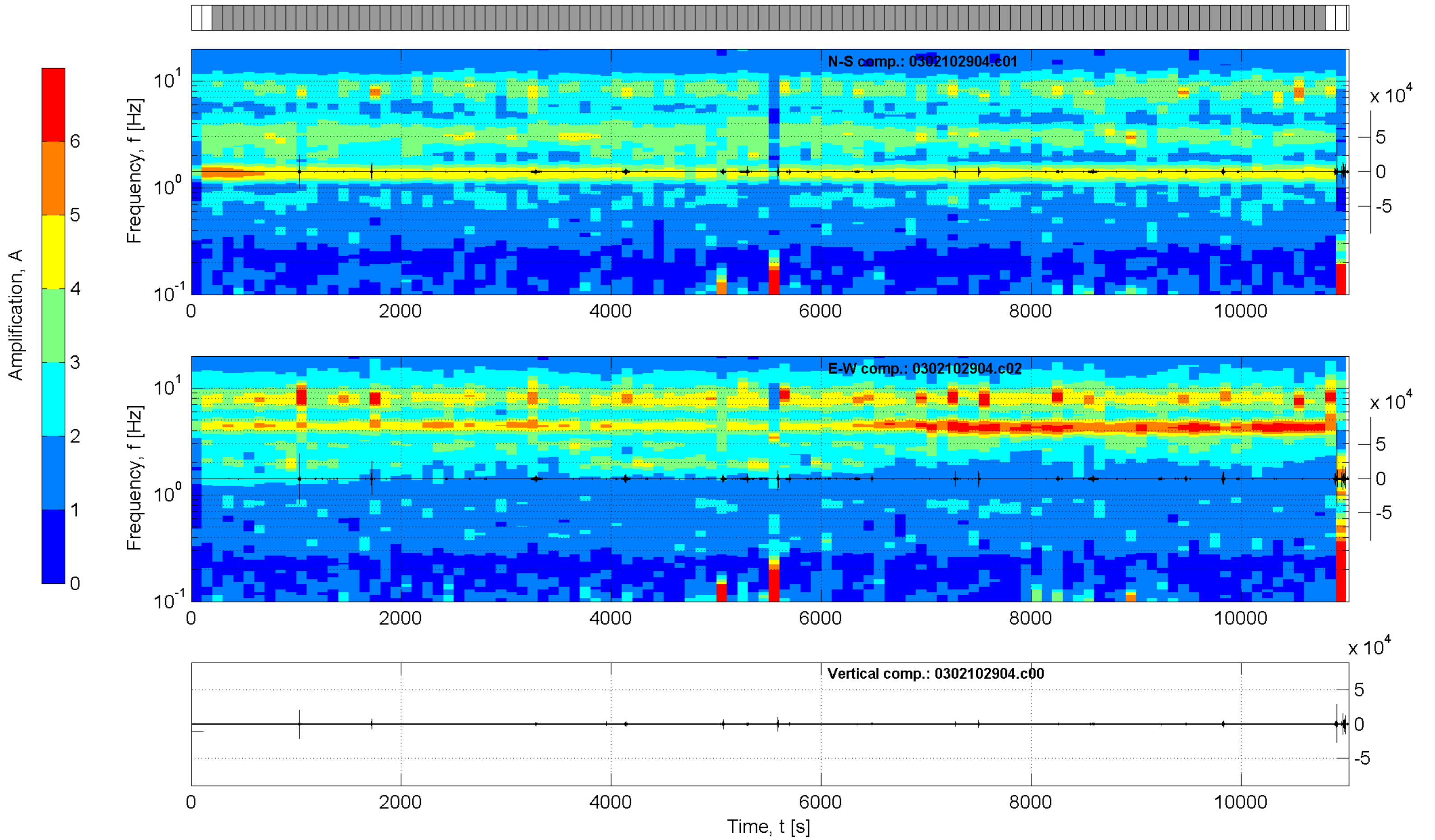
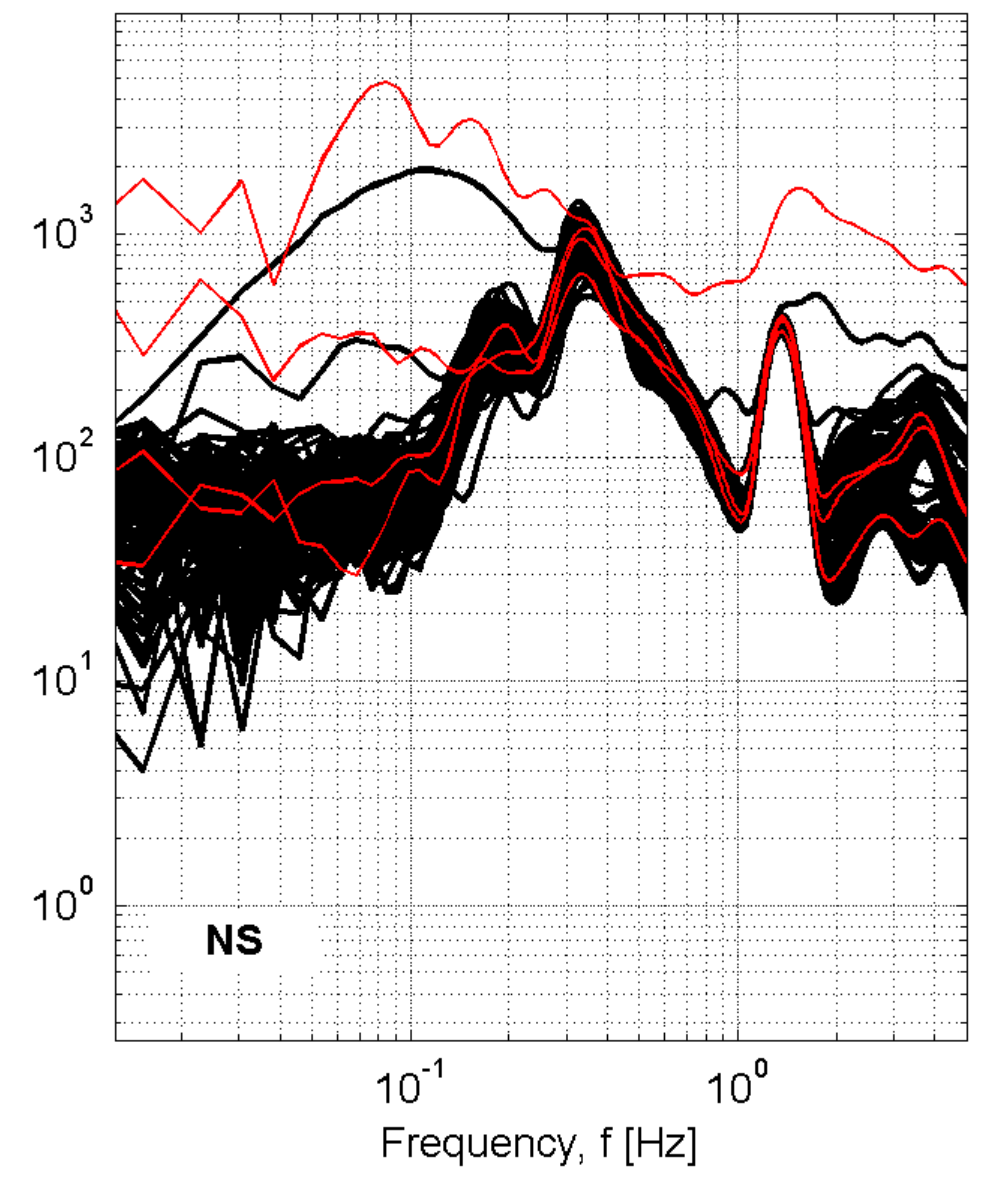
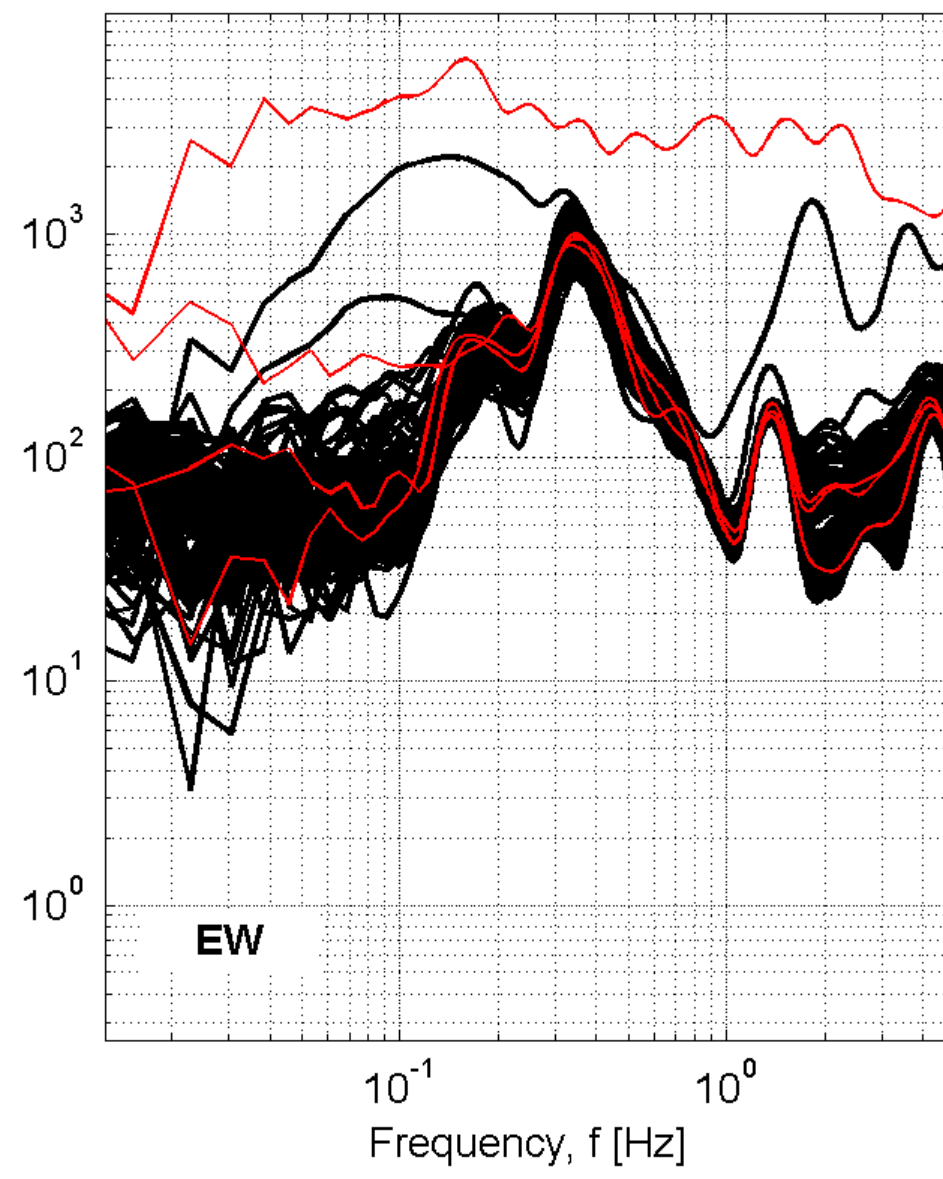
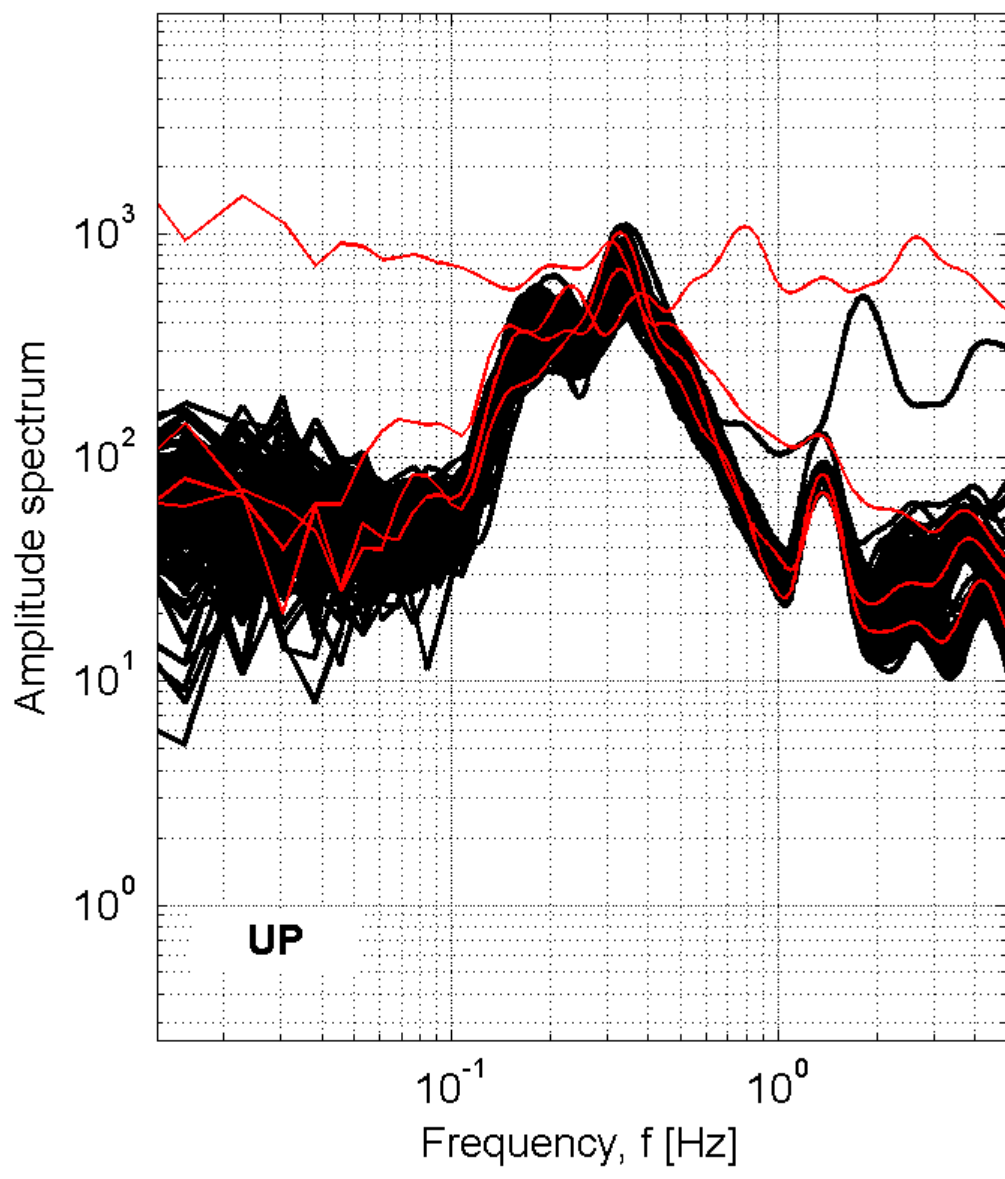
Save not filtered spectra: yes



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# SPT1-S\_Polo Matese 1



## Station: SPT1-S\_Polo Matese 1

Recording duration: 183:44 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

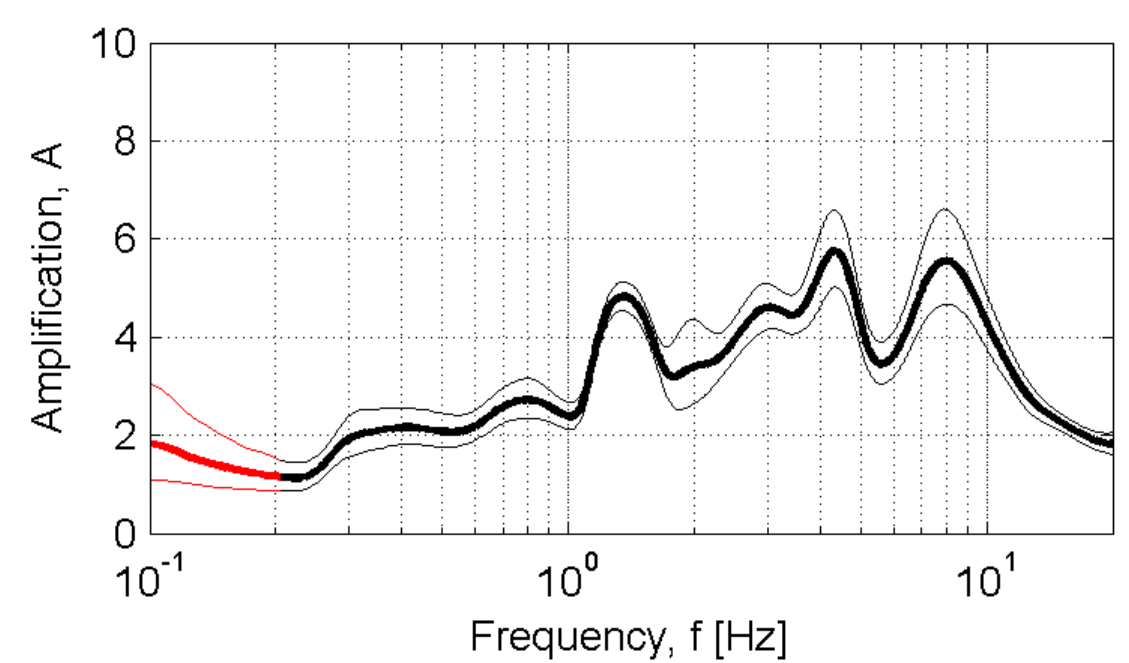
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

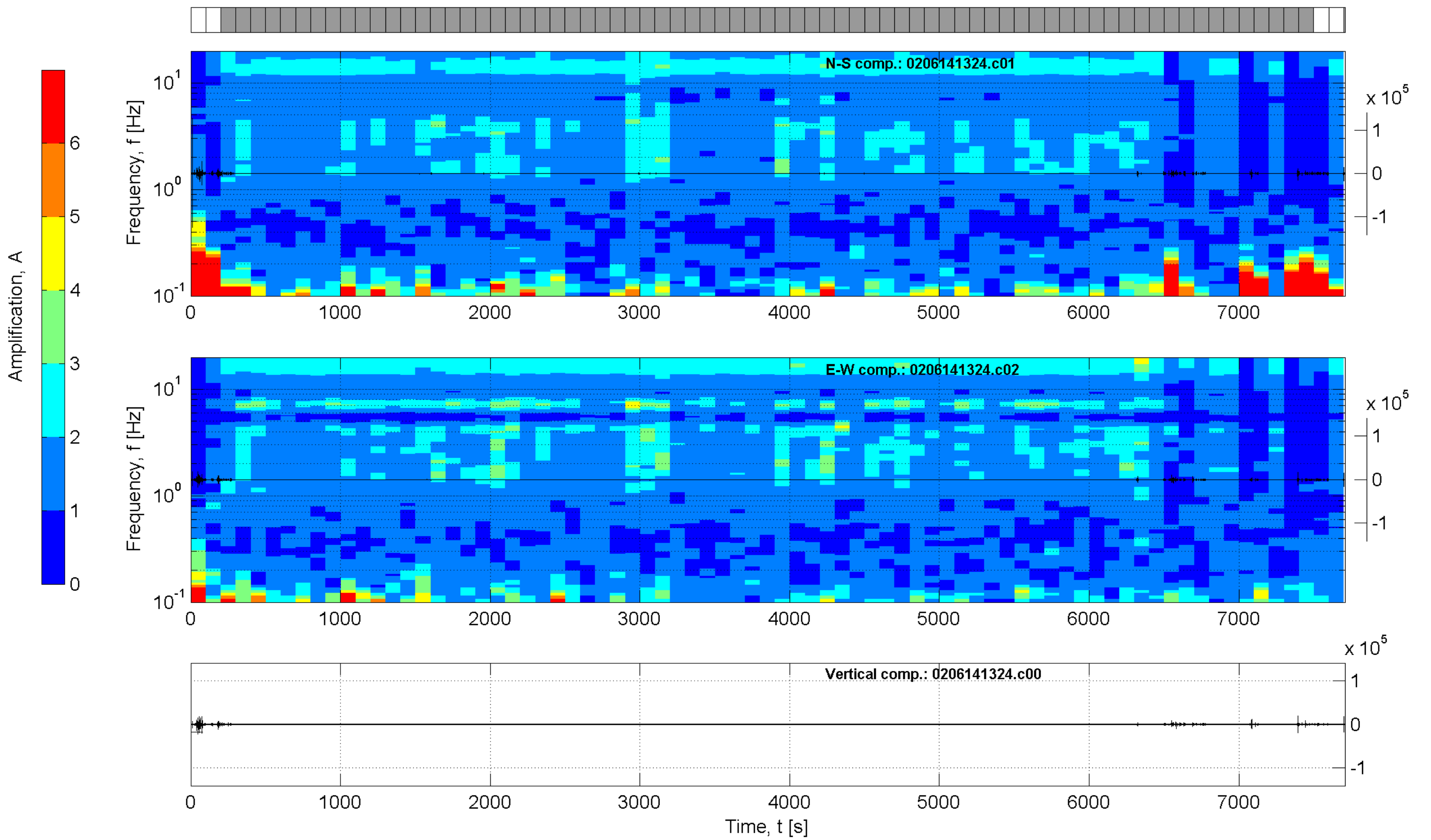
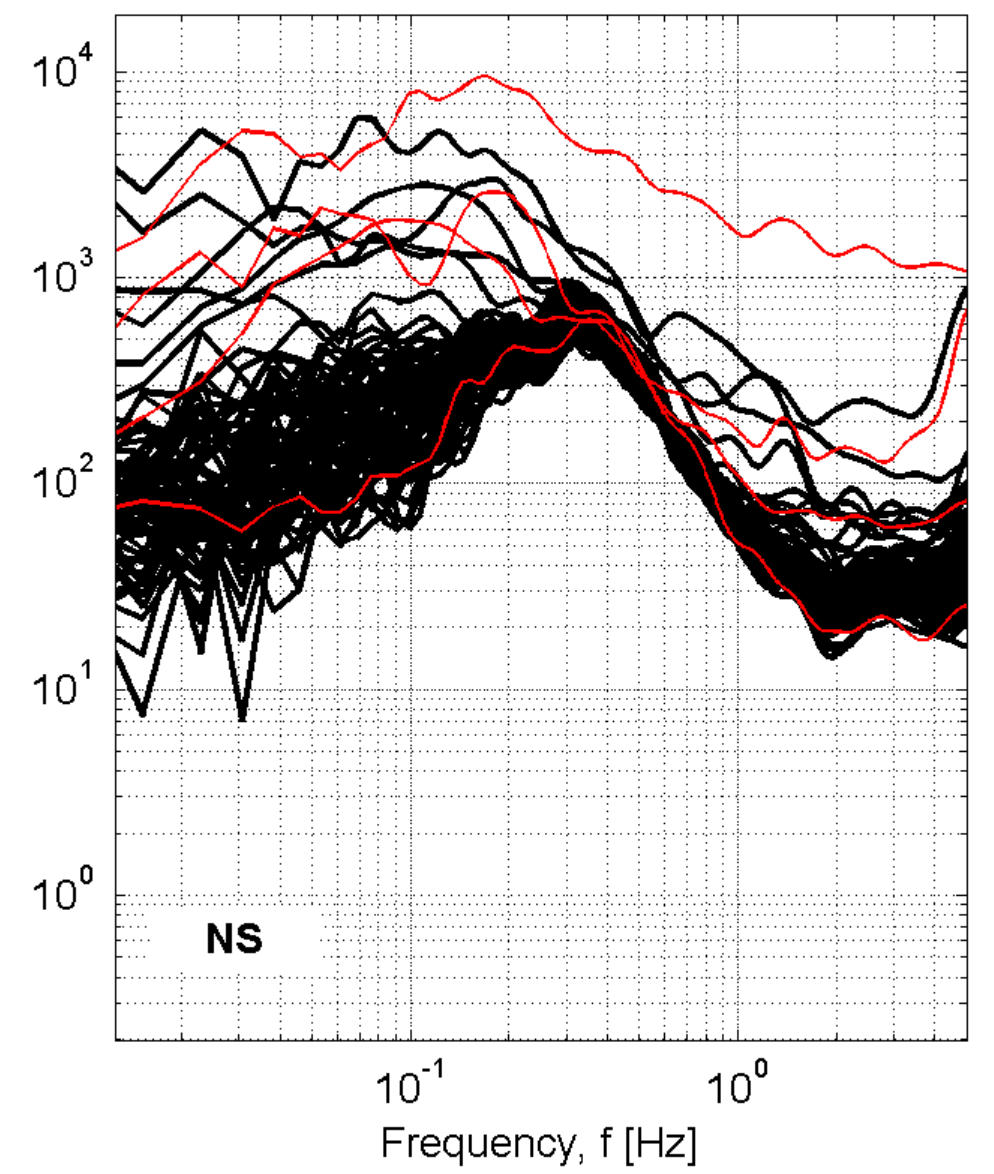
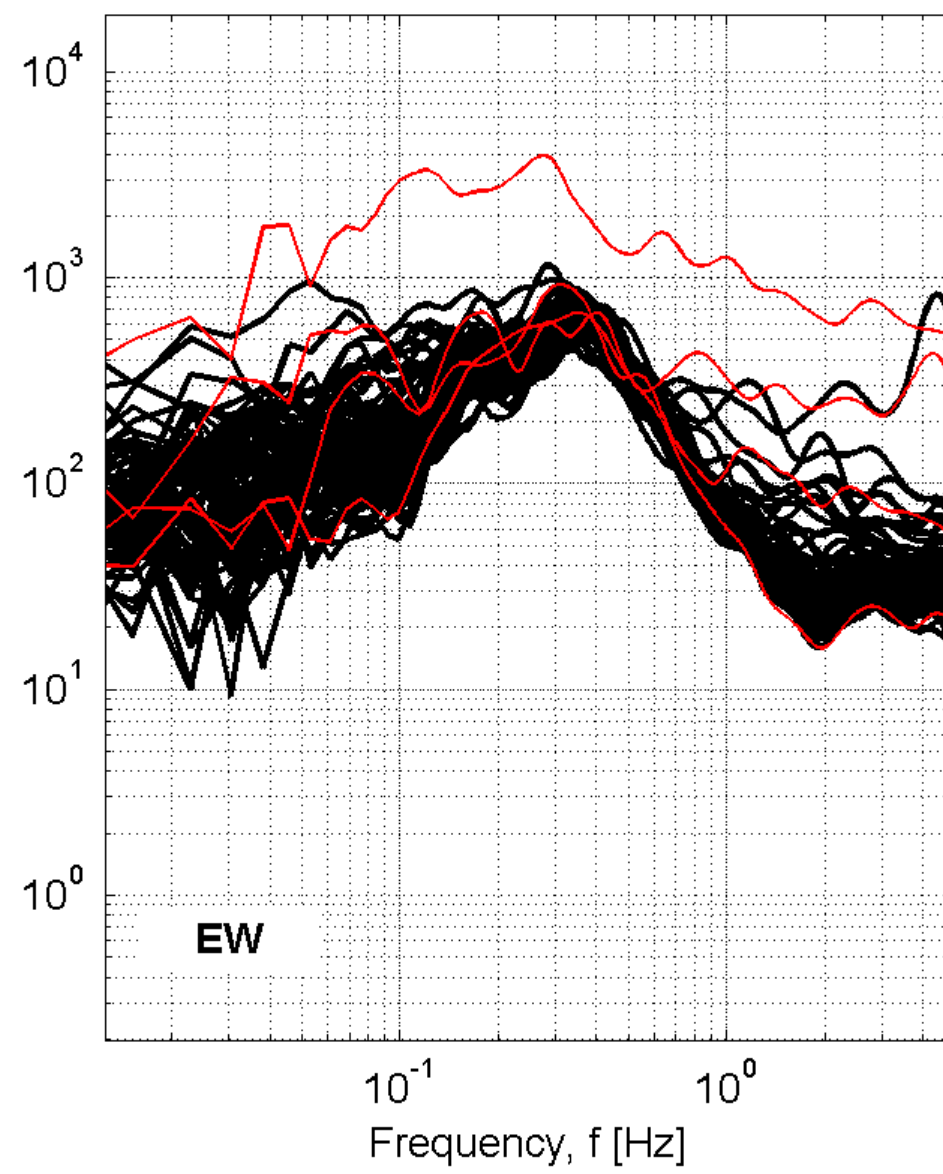
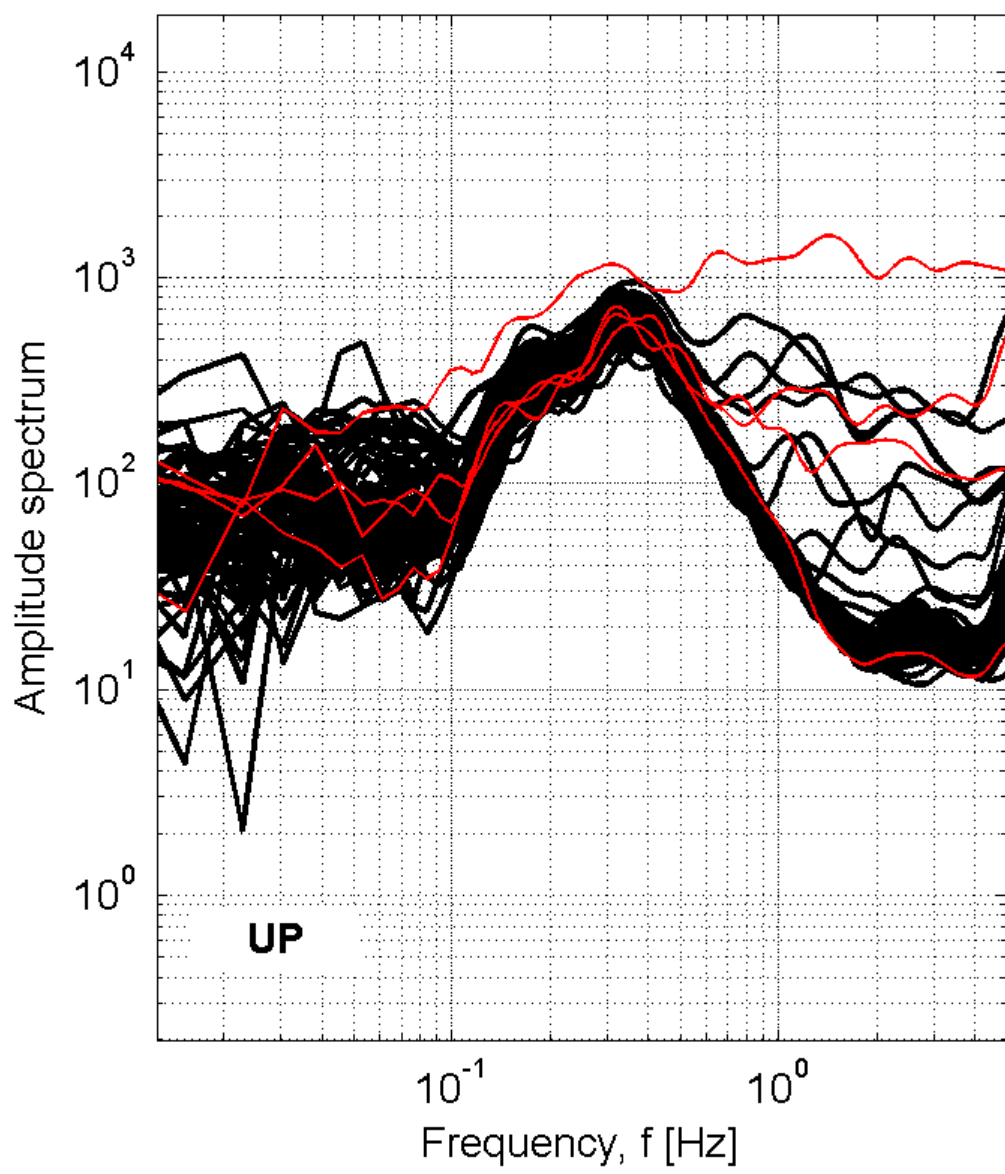
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SPZ-Spezzano Albanese



**Station: SPZ-Spezzano Albanese**

Recording duration: 128:28 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

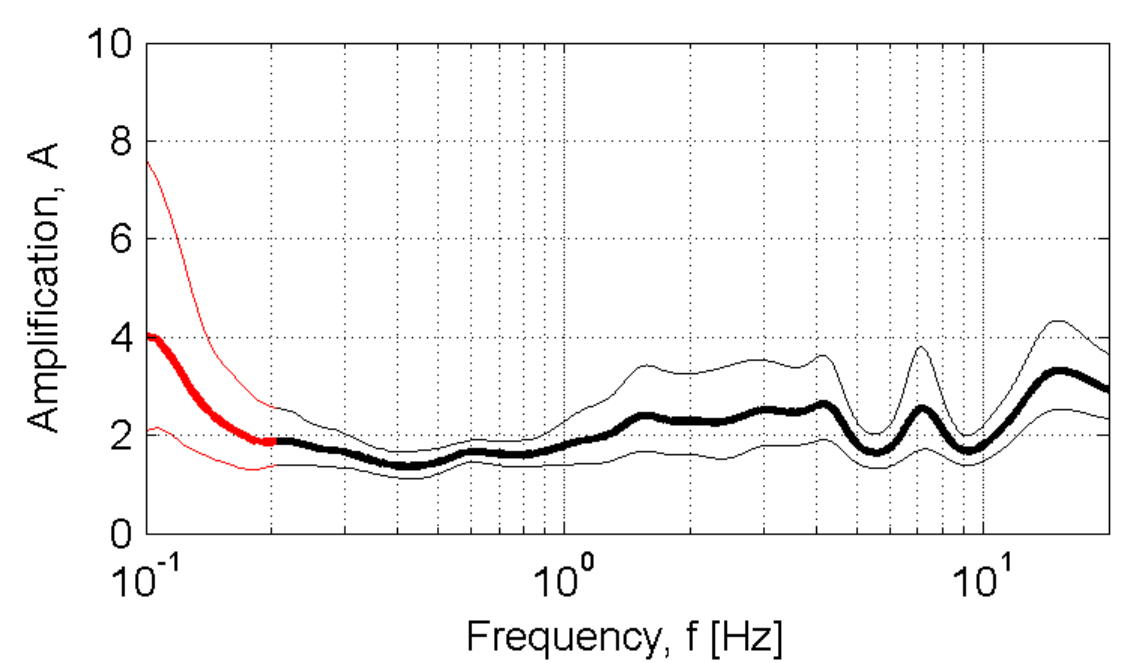
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

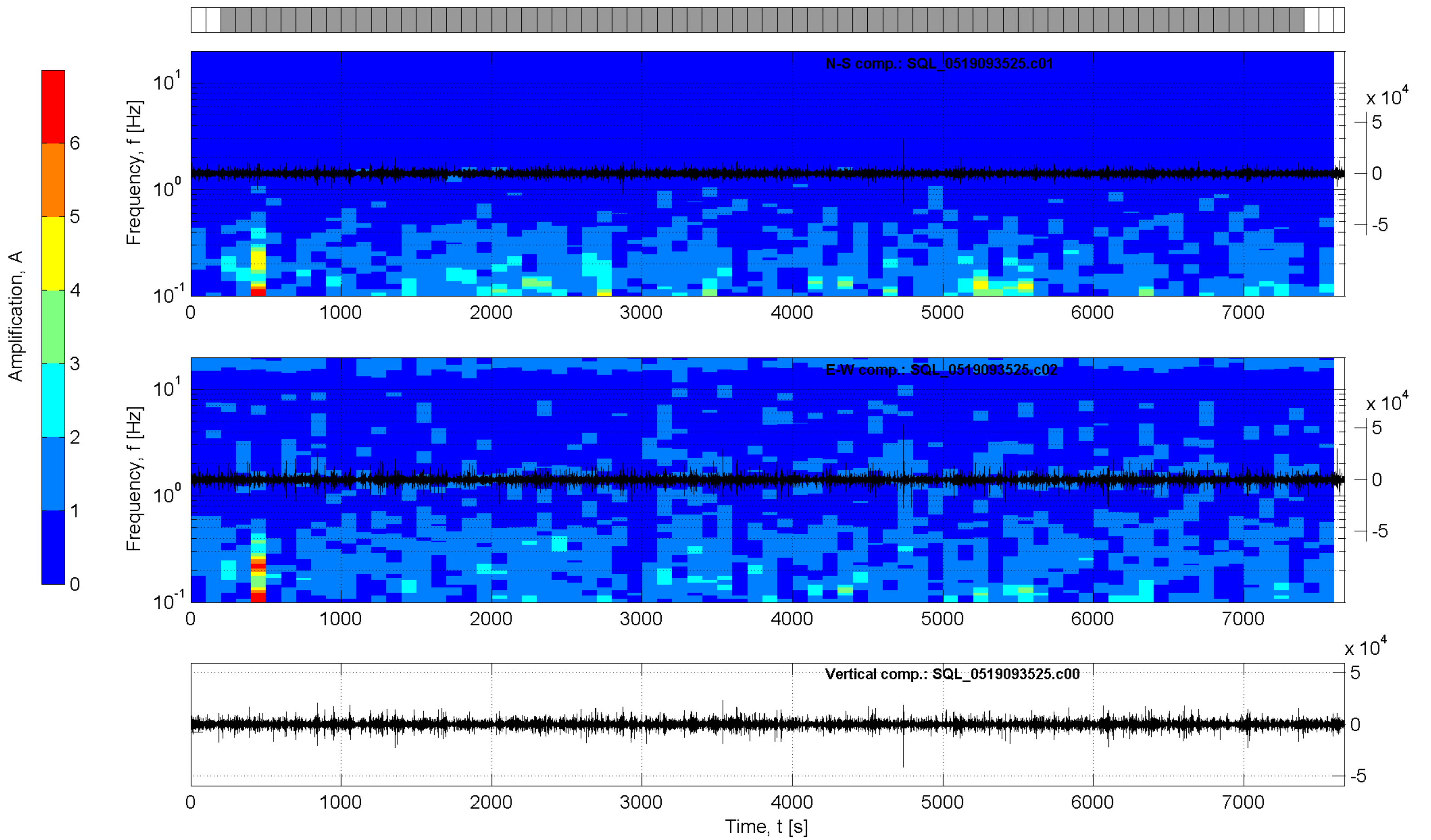
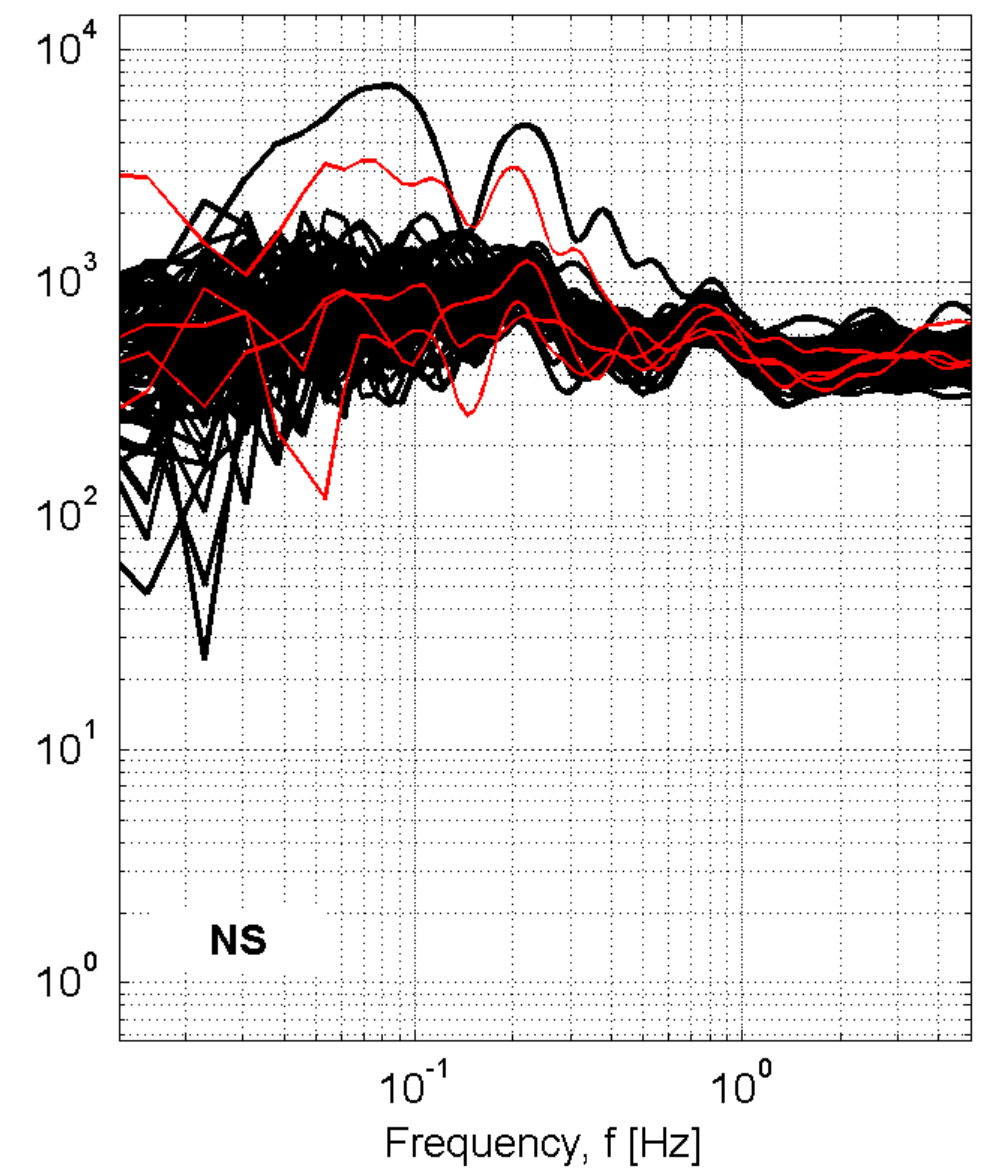
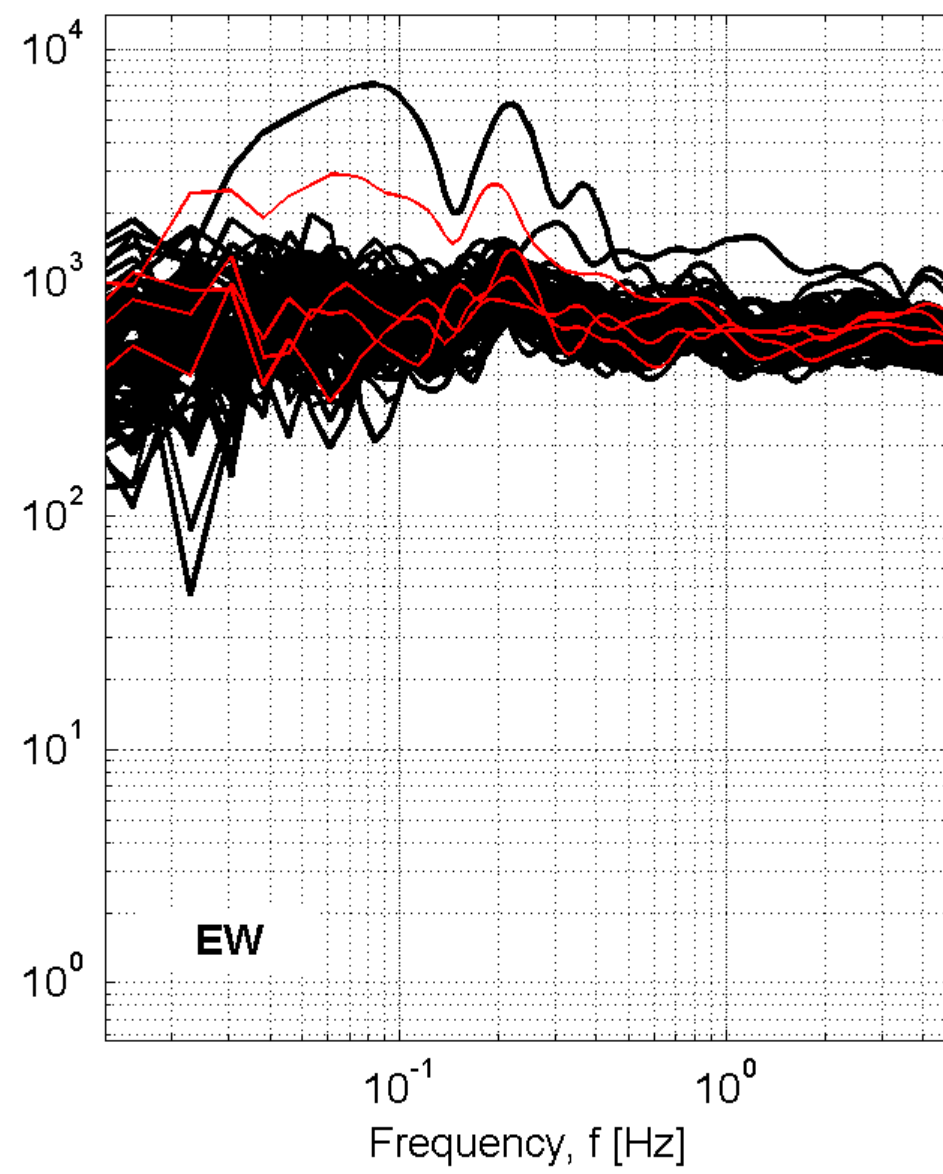
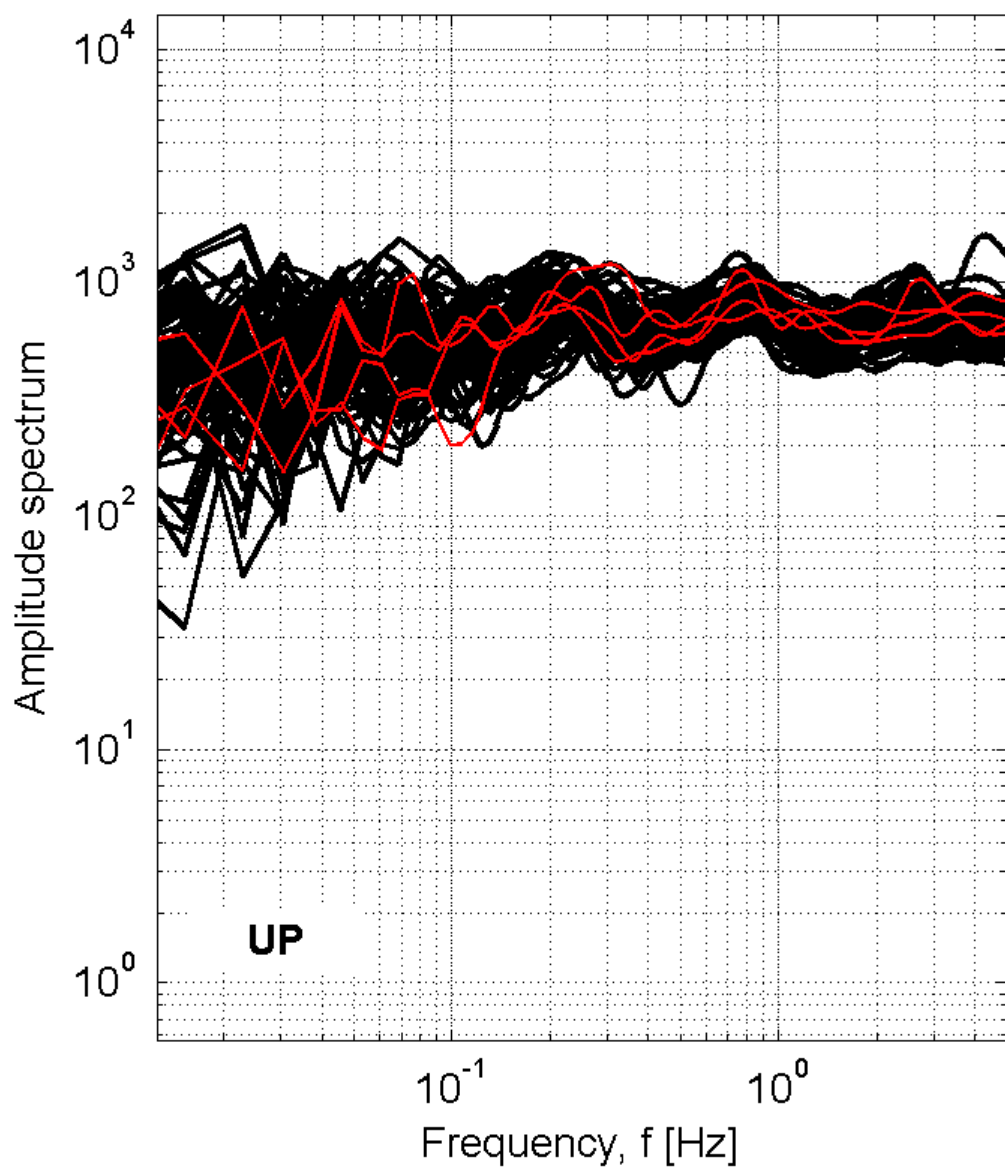
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SQL\_squillace



## Station: SQL\_squillace

Recording duration: 127:52 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

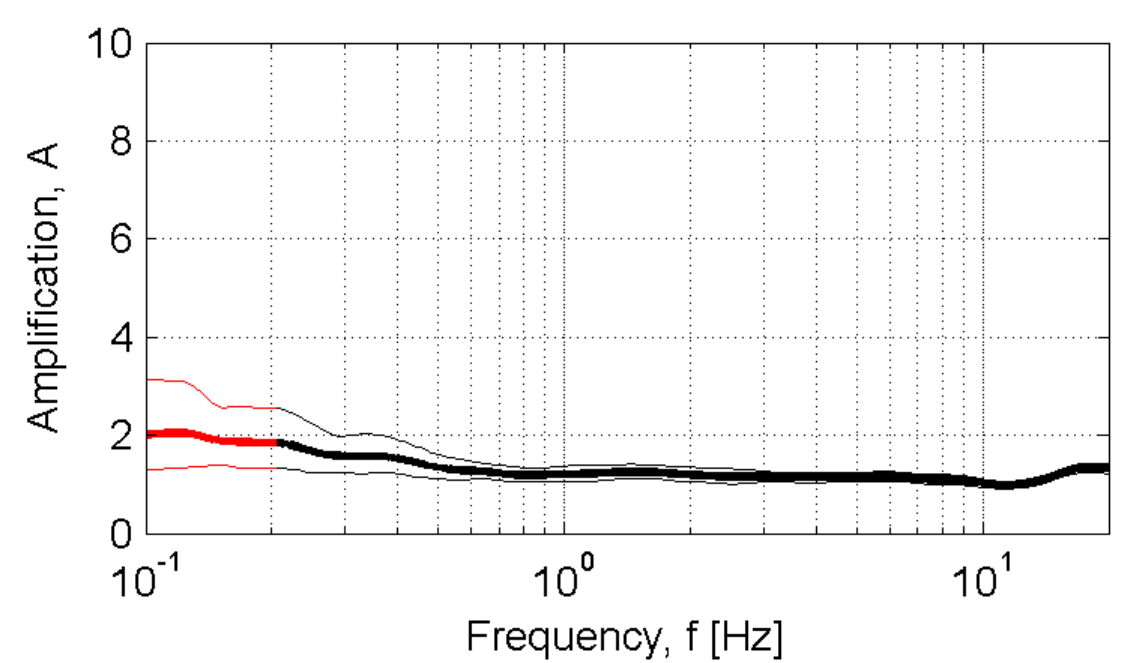
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

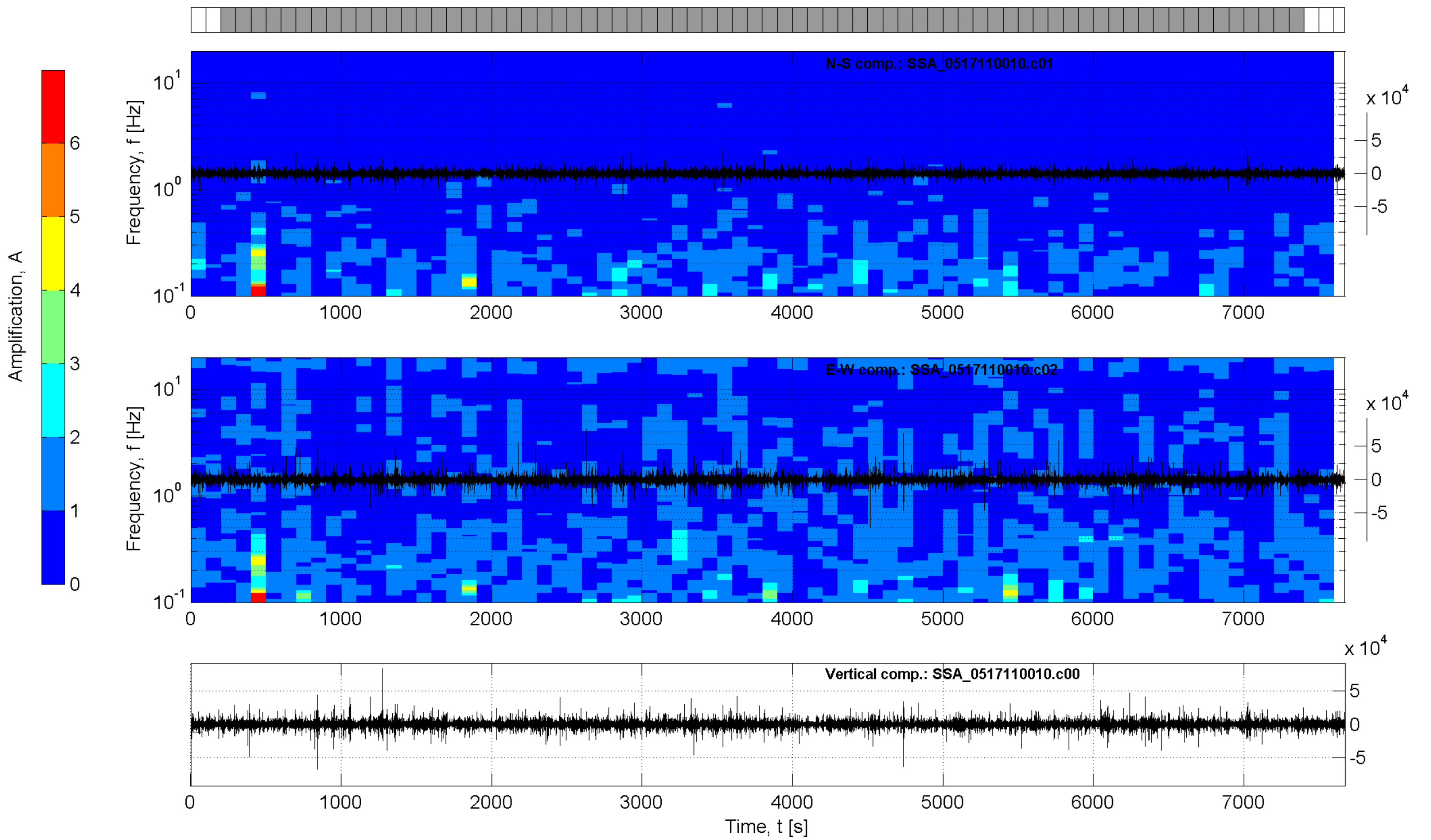
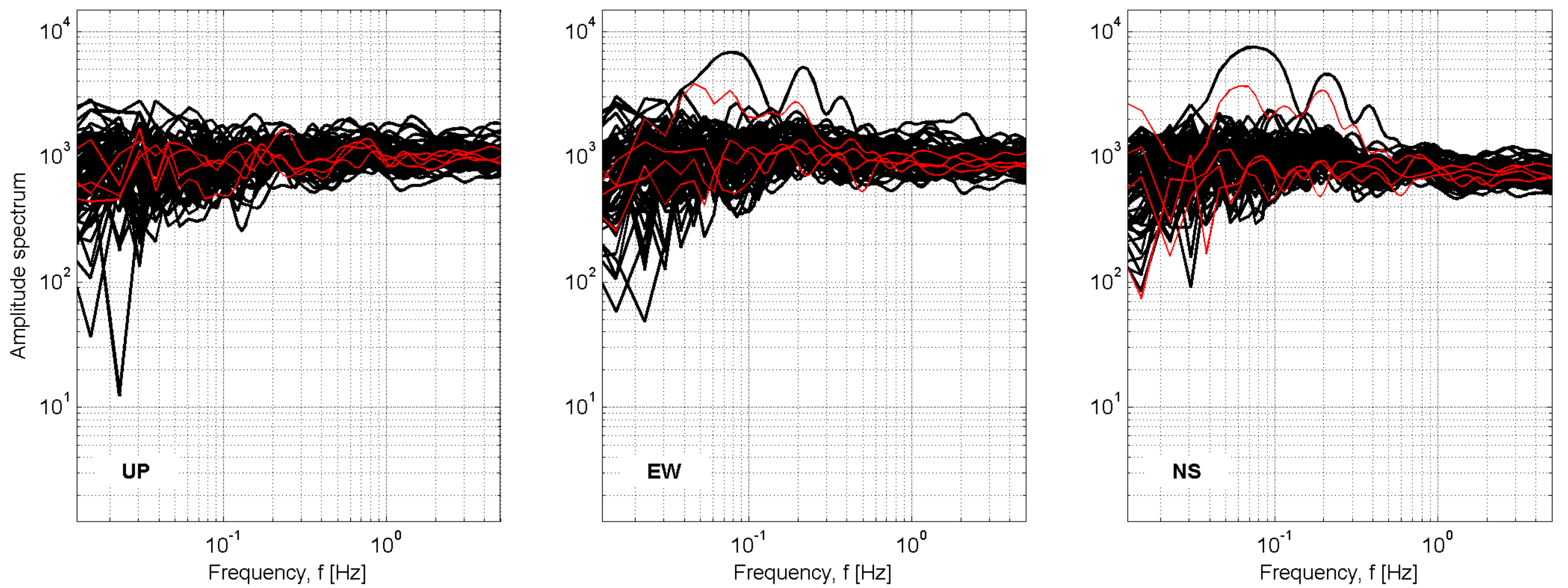
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



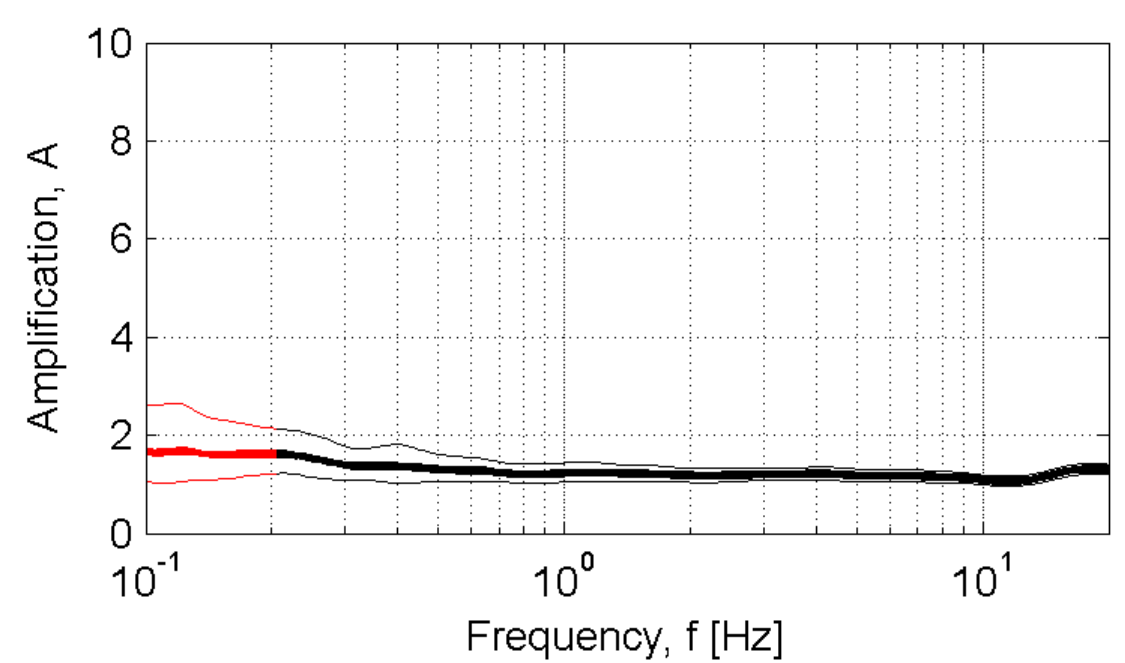
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# SSA\_sandrea apostolo



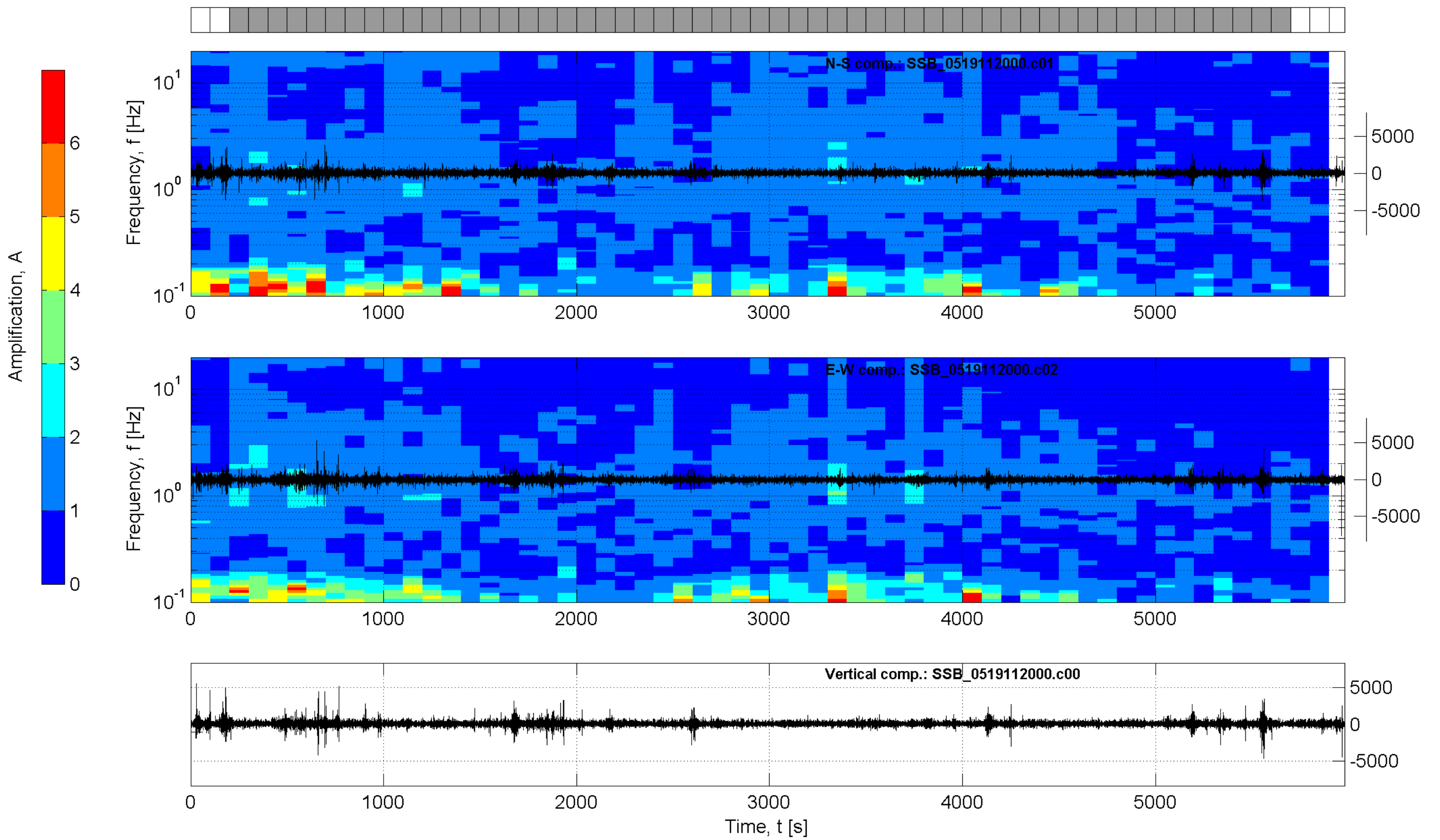
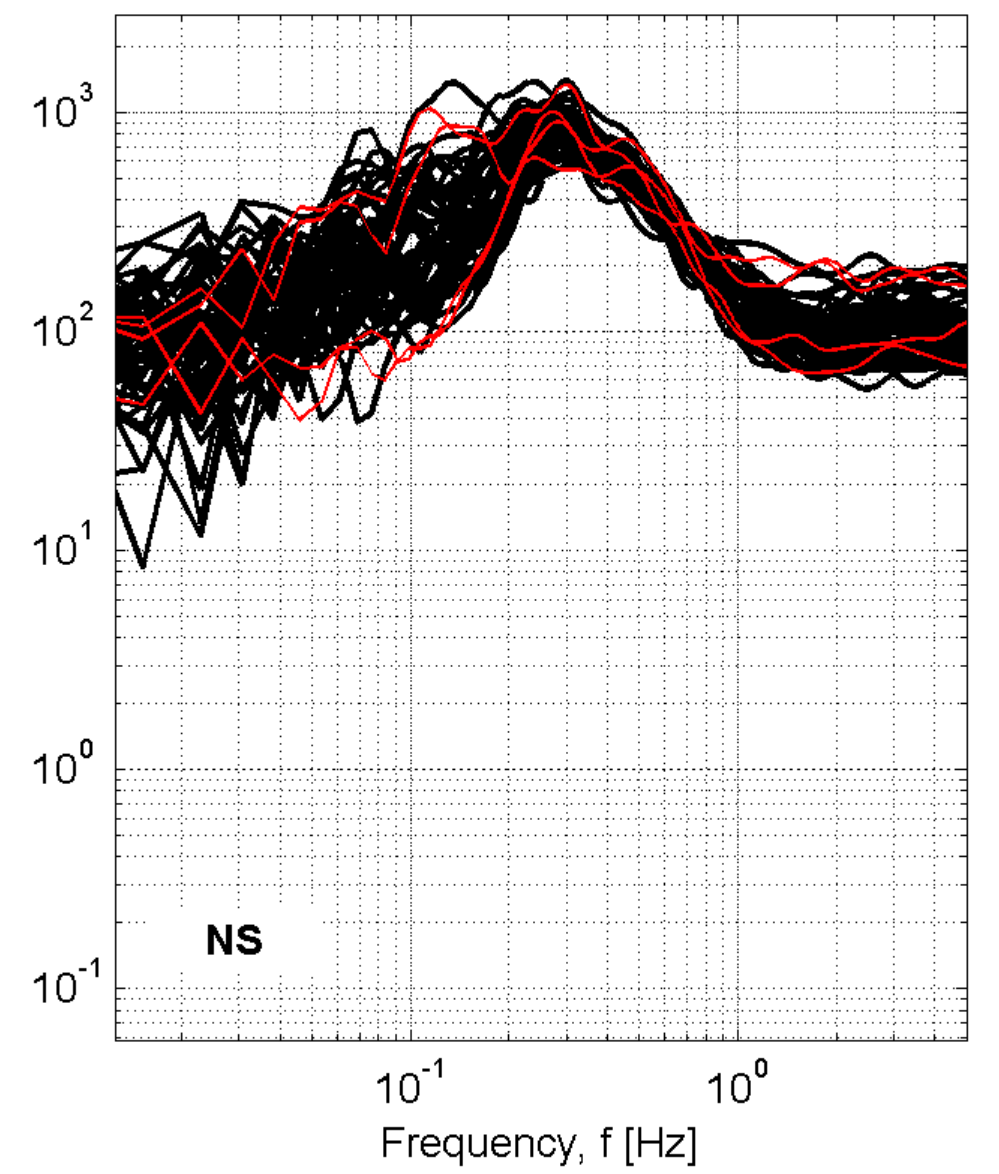
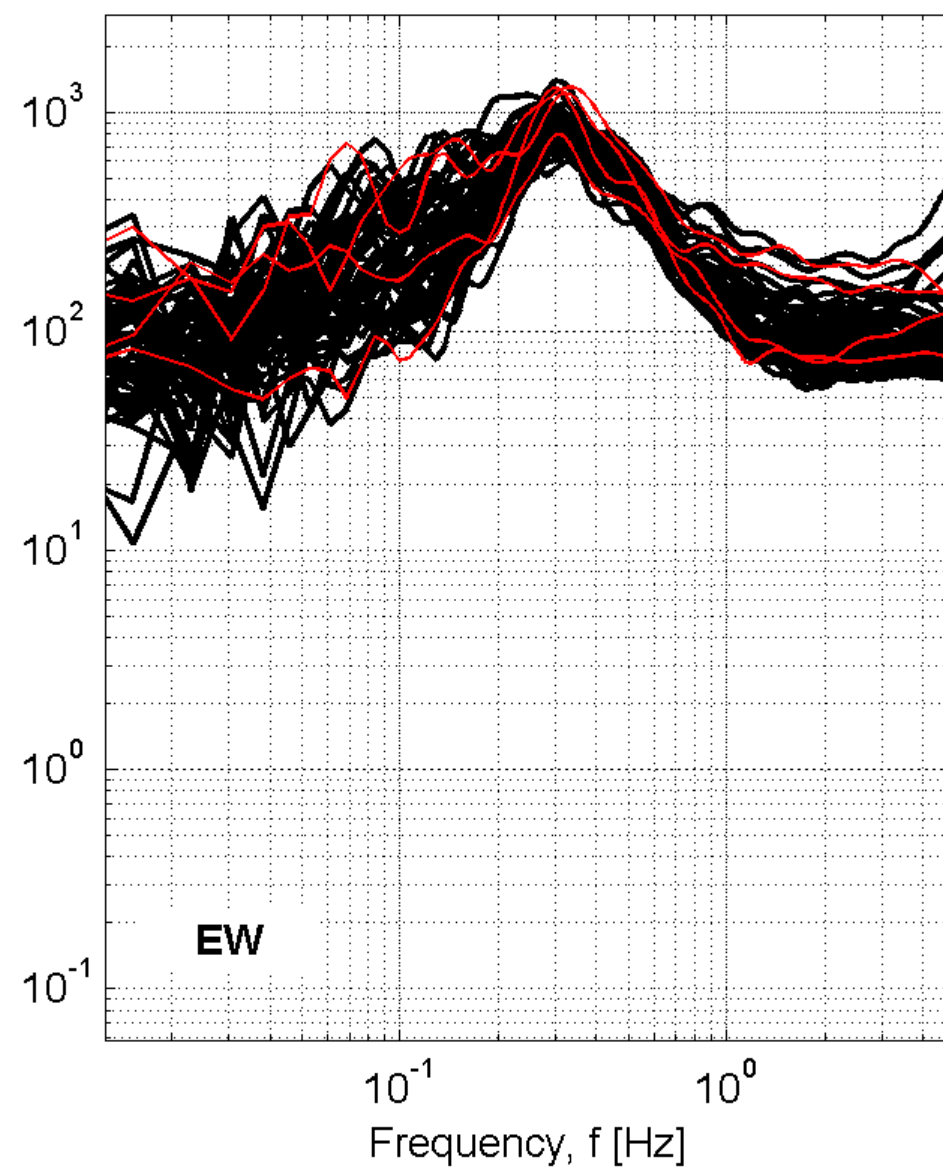
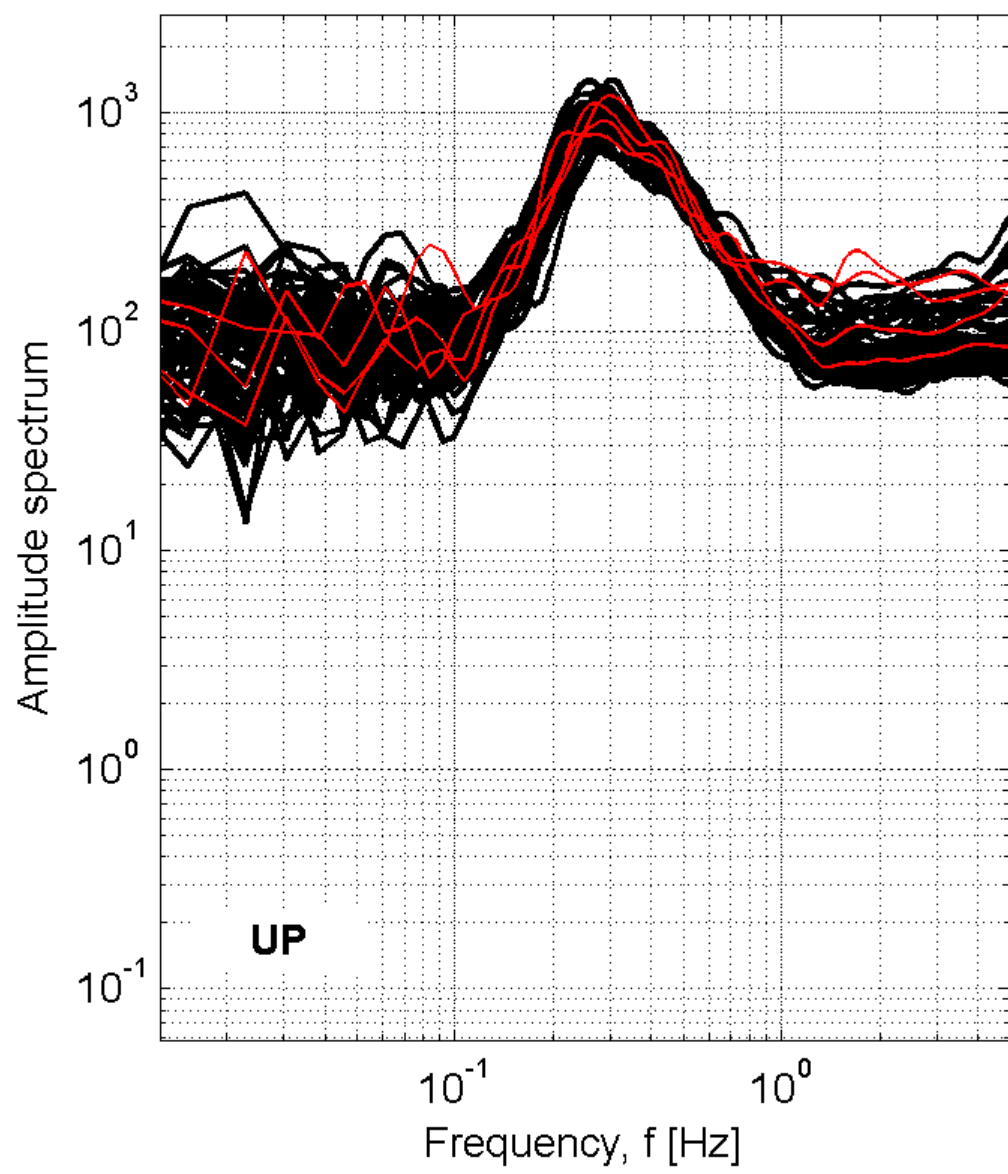
## Station: SSA\_sandrea apostolo

Recording duration: 127:52 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# SSB\_serra san bruno



## Station: SSB\_serra san bruno

Recording duration: 99:40 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

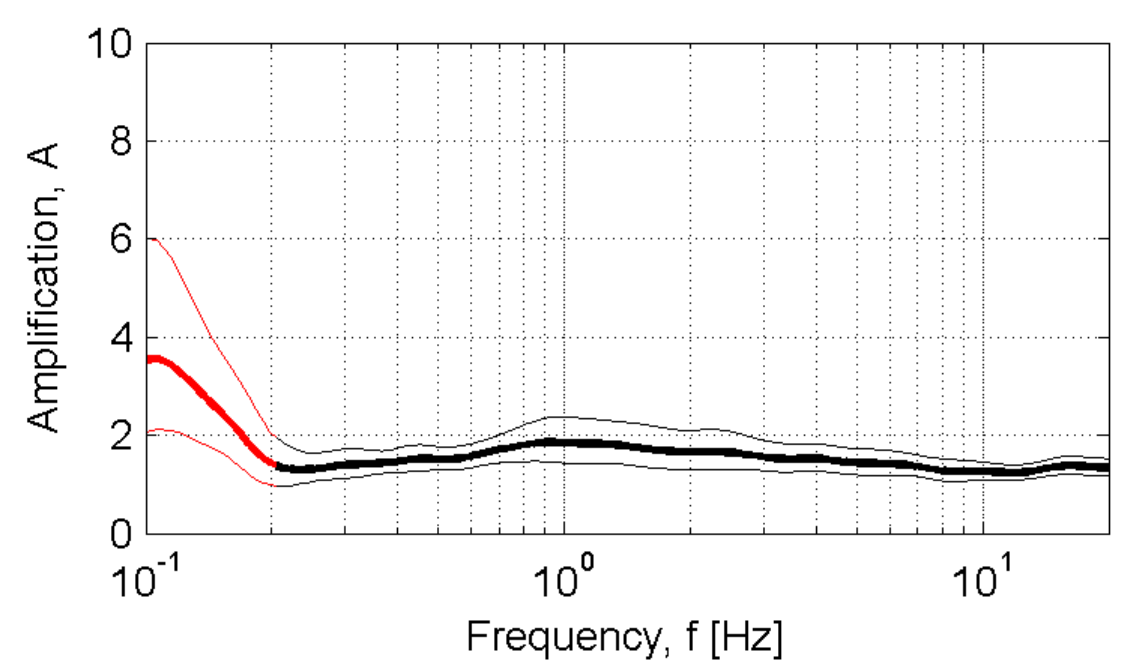
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

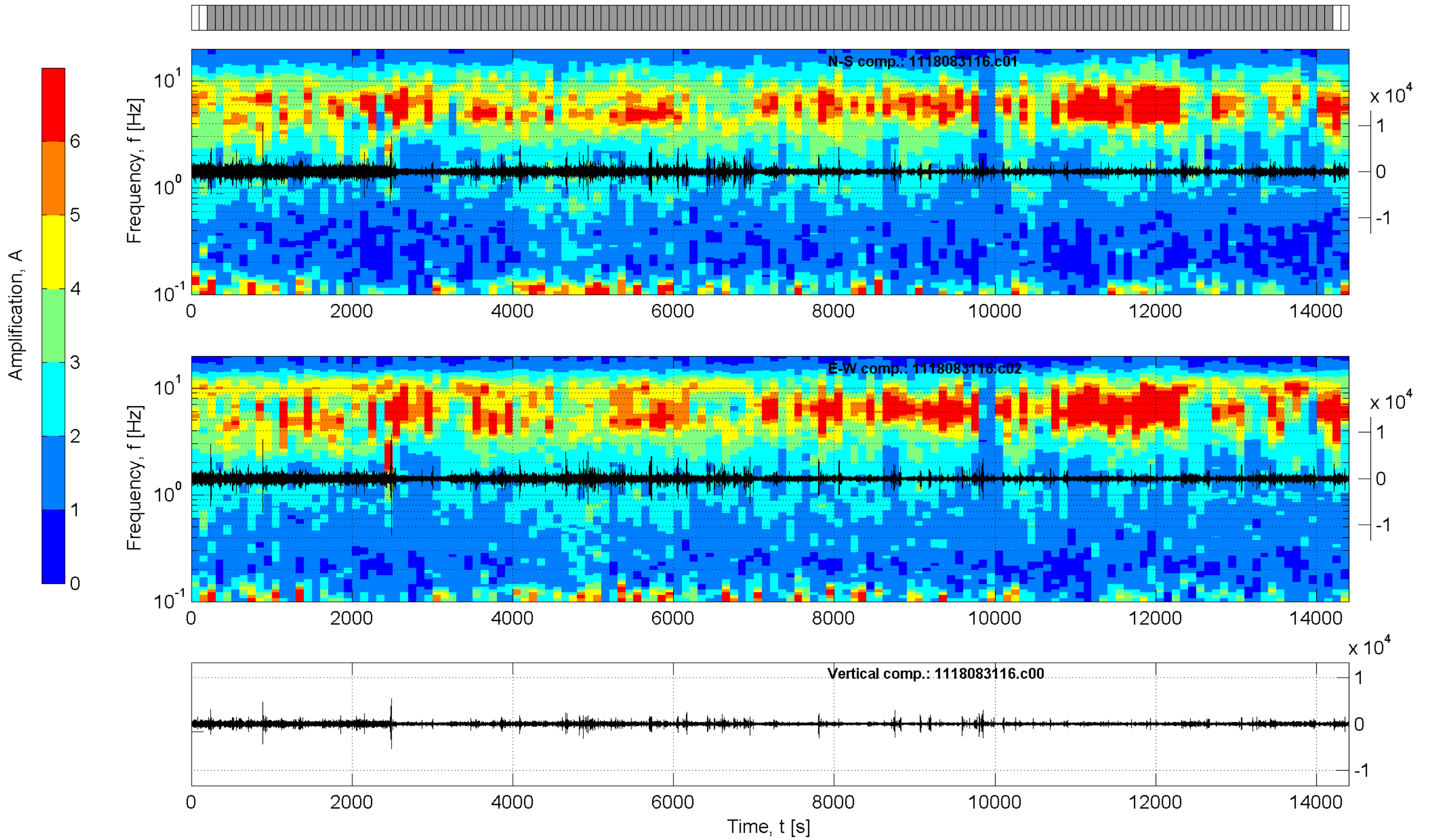
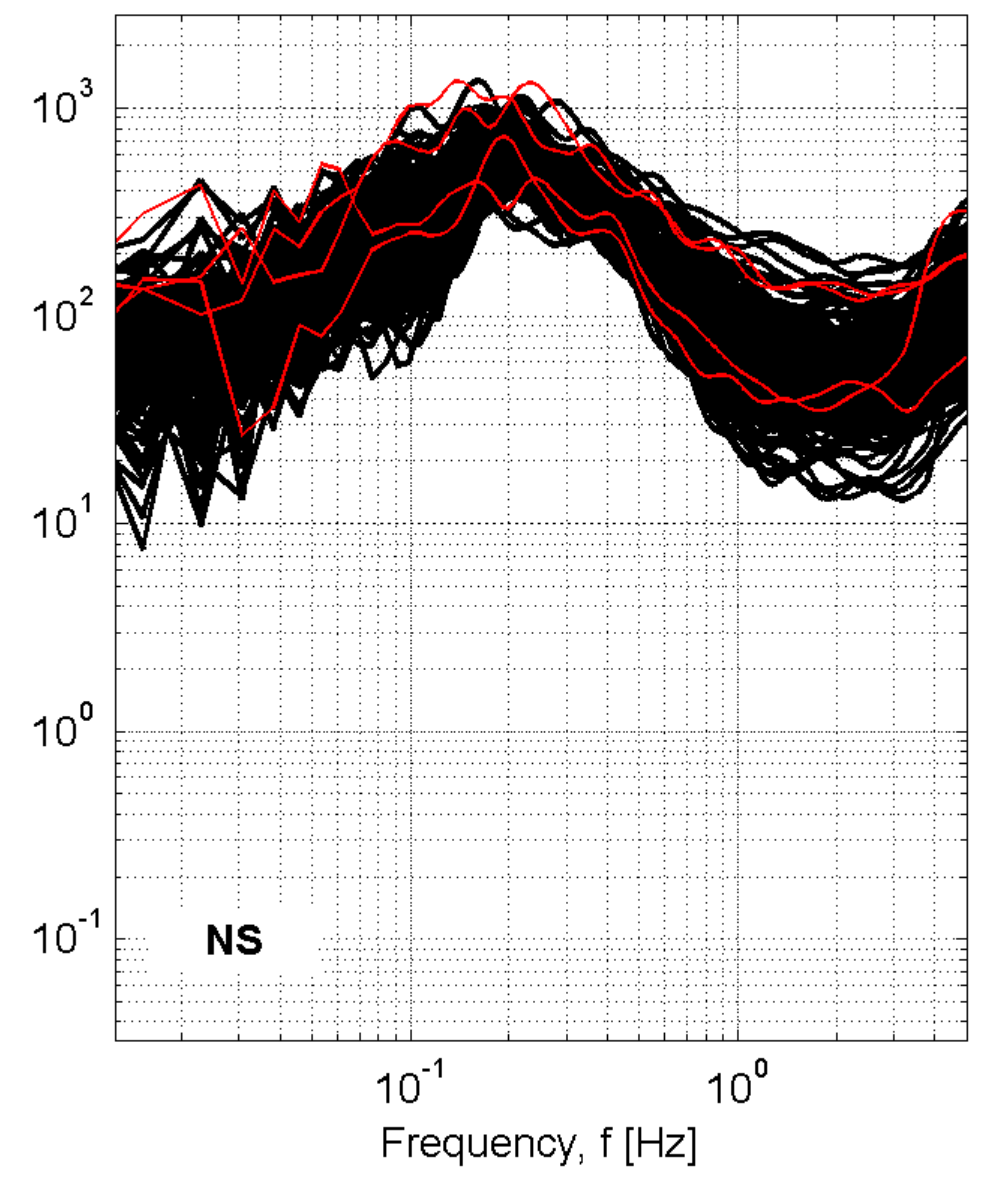
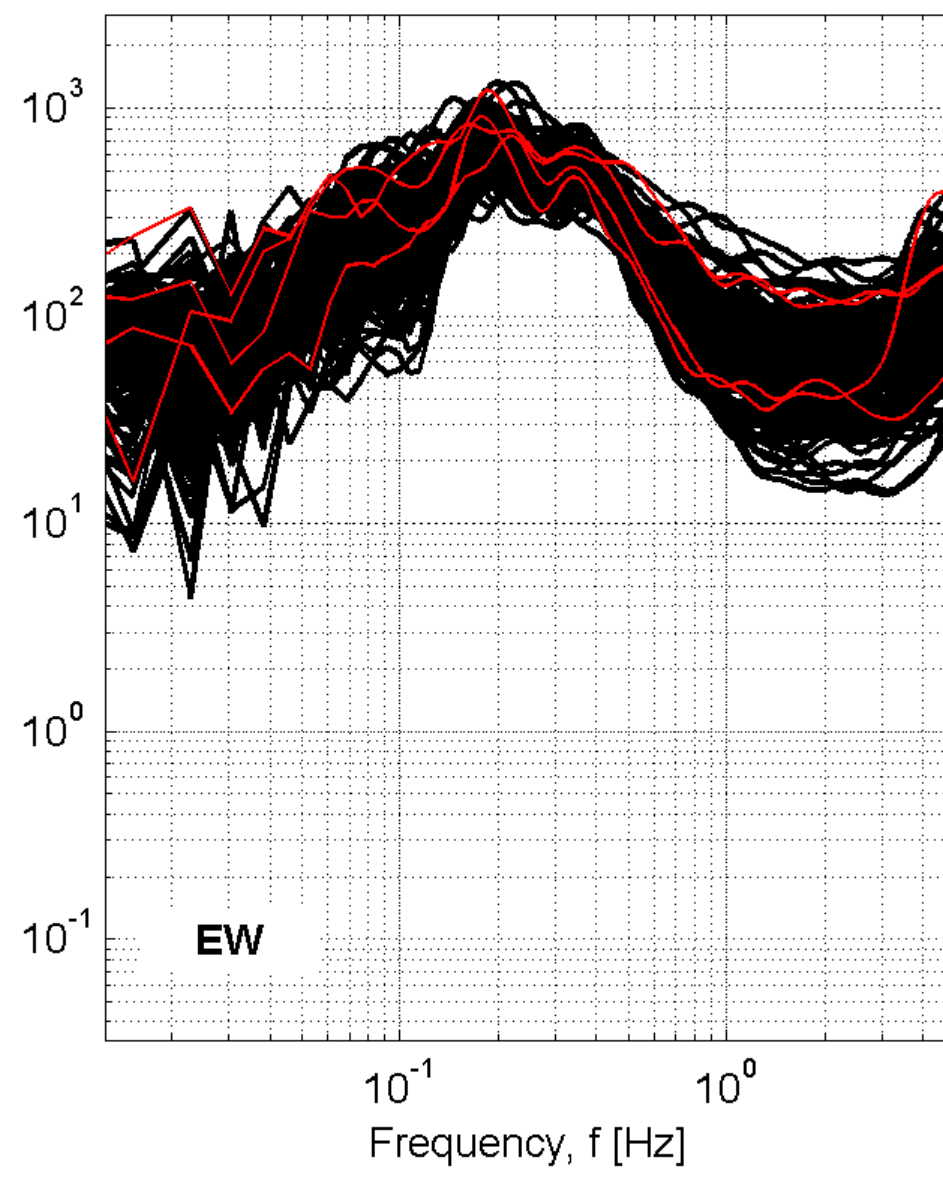
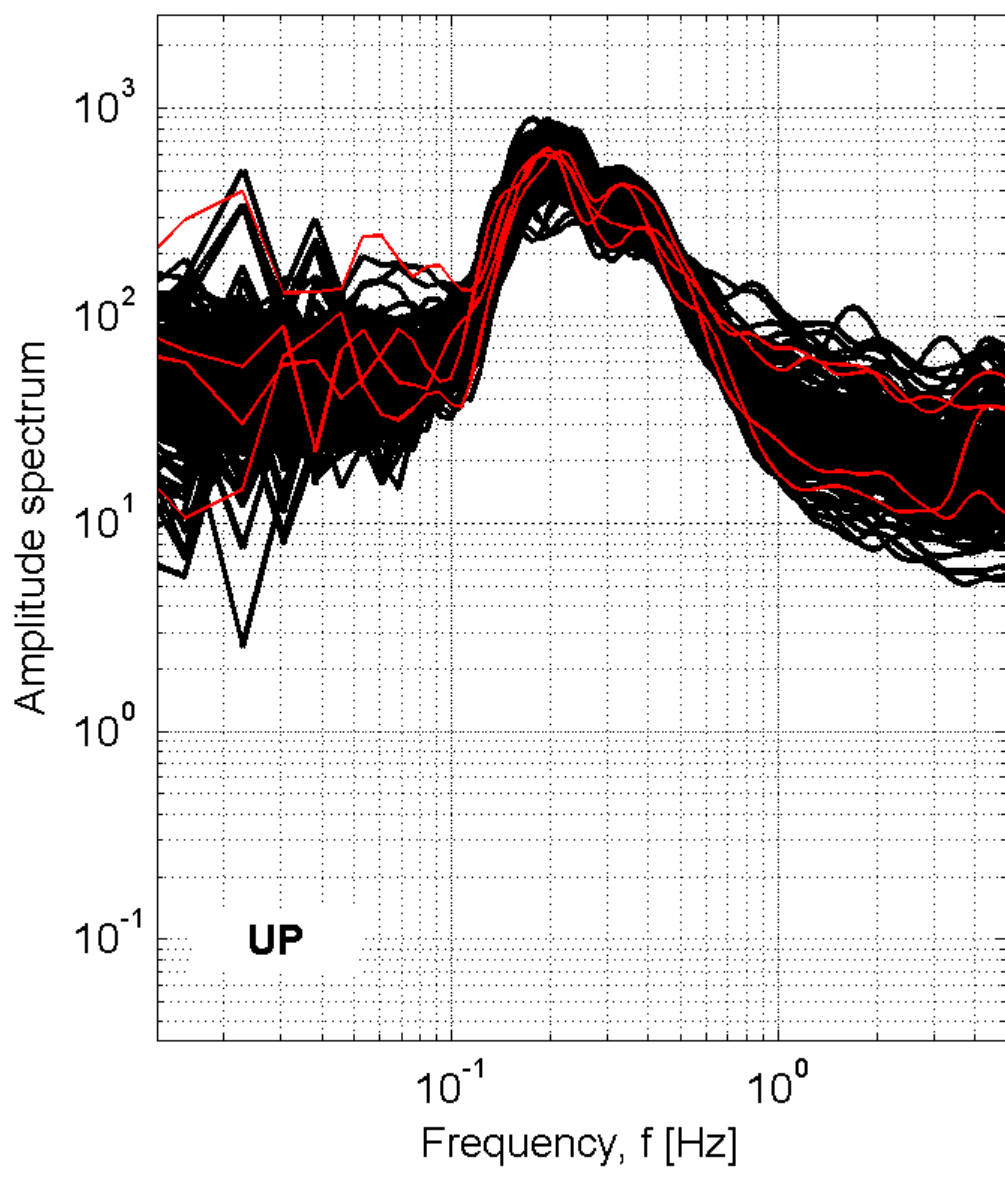
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# SSC-San Casciano dei Bagni



## Station: SSC-San Casciano dei Bagni

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

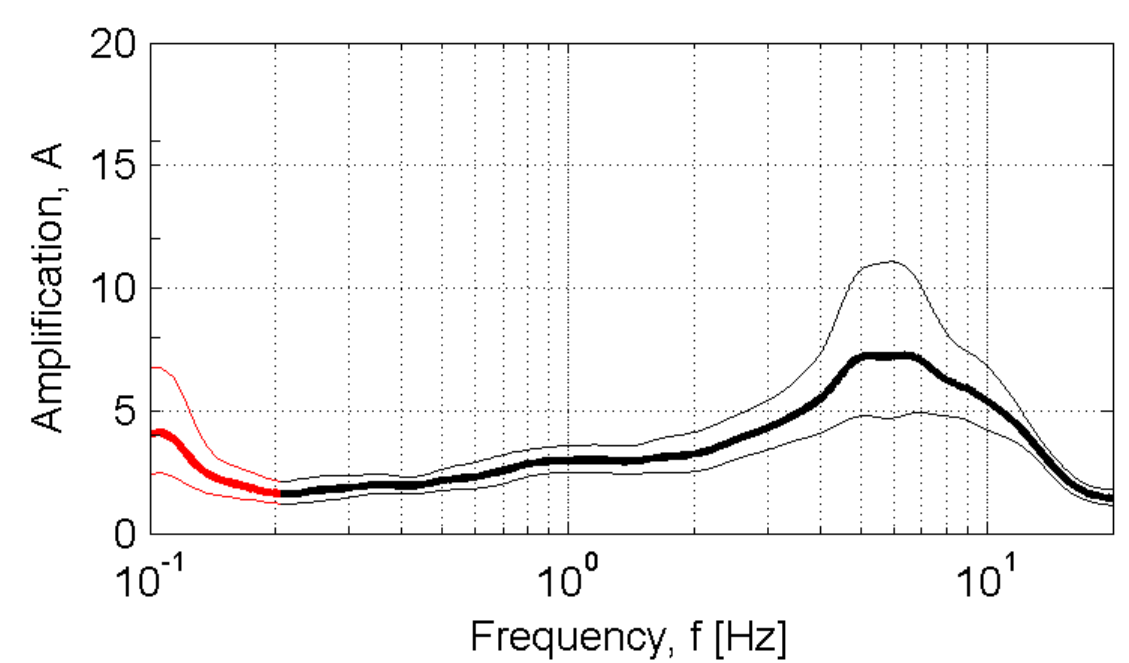
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

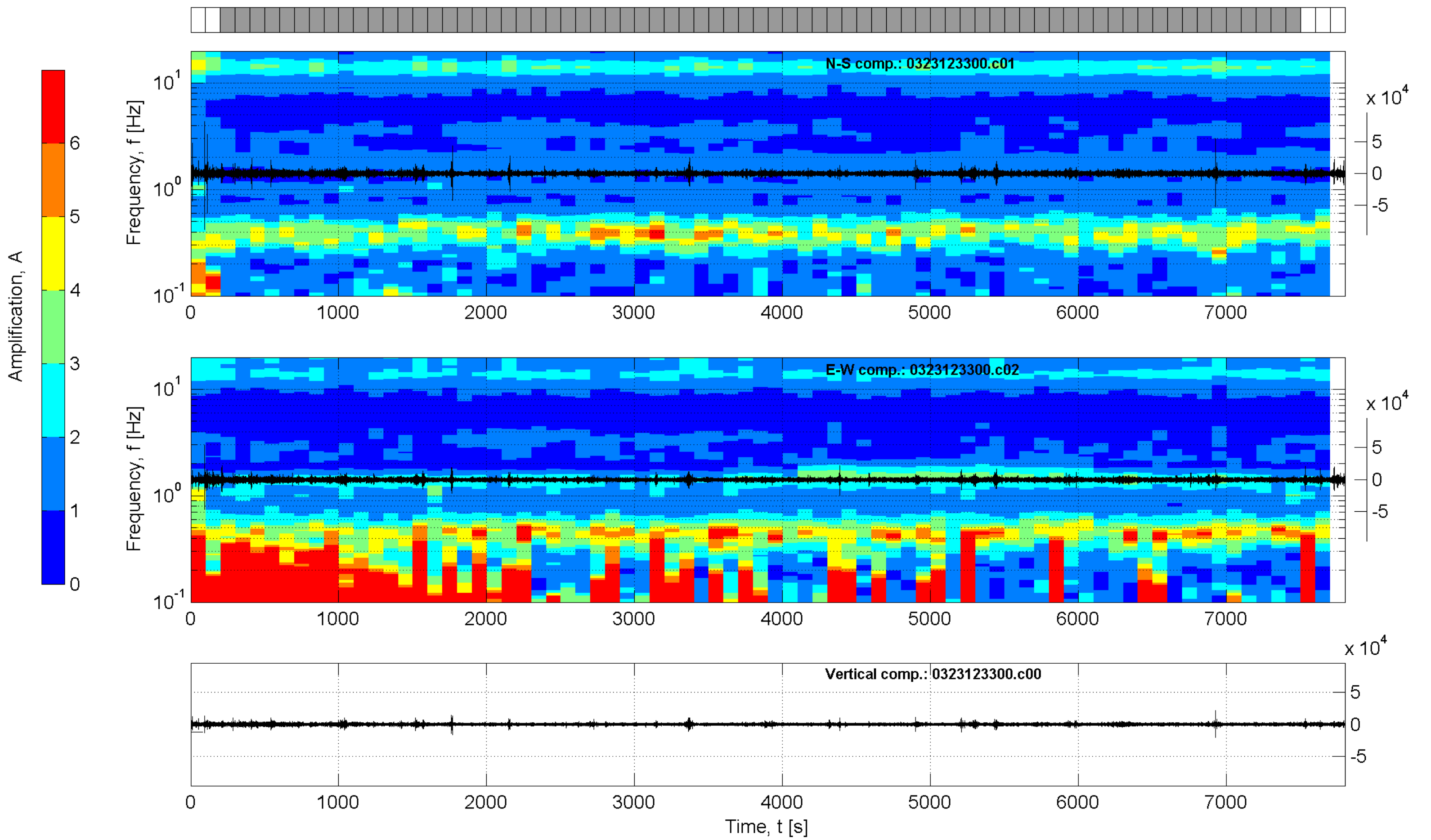
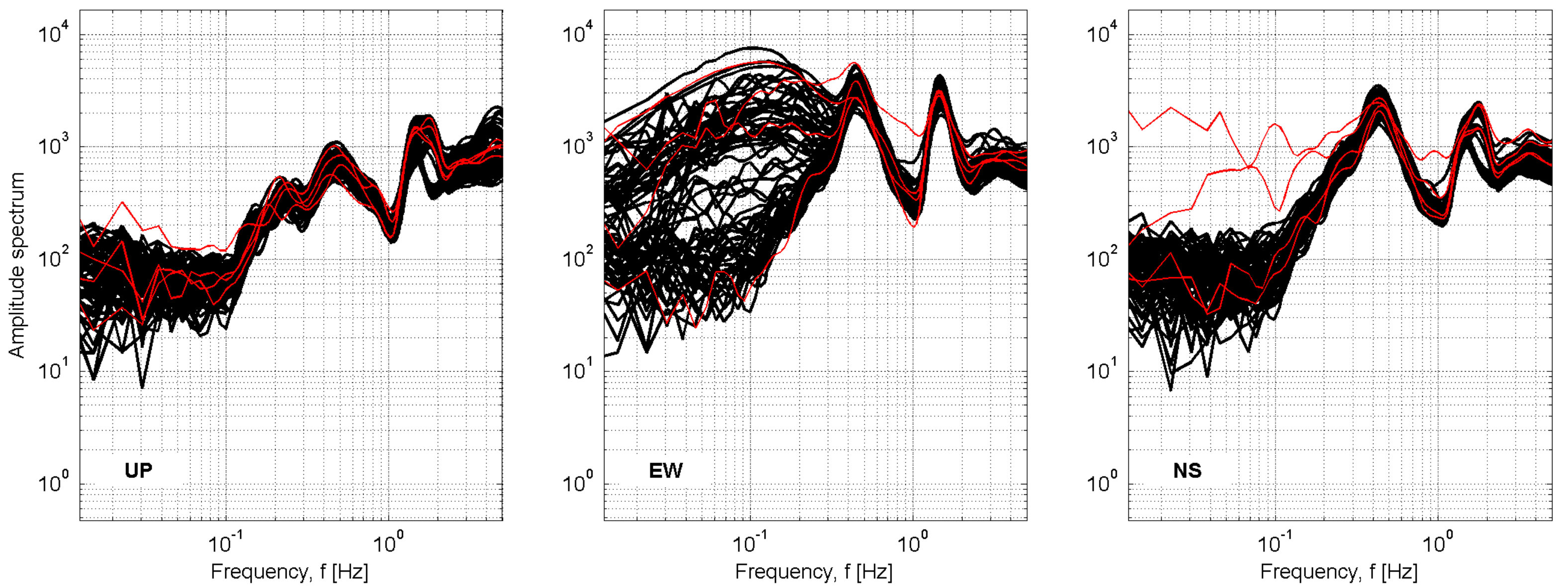
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



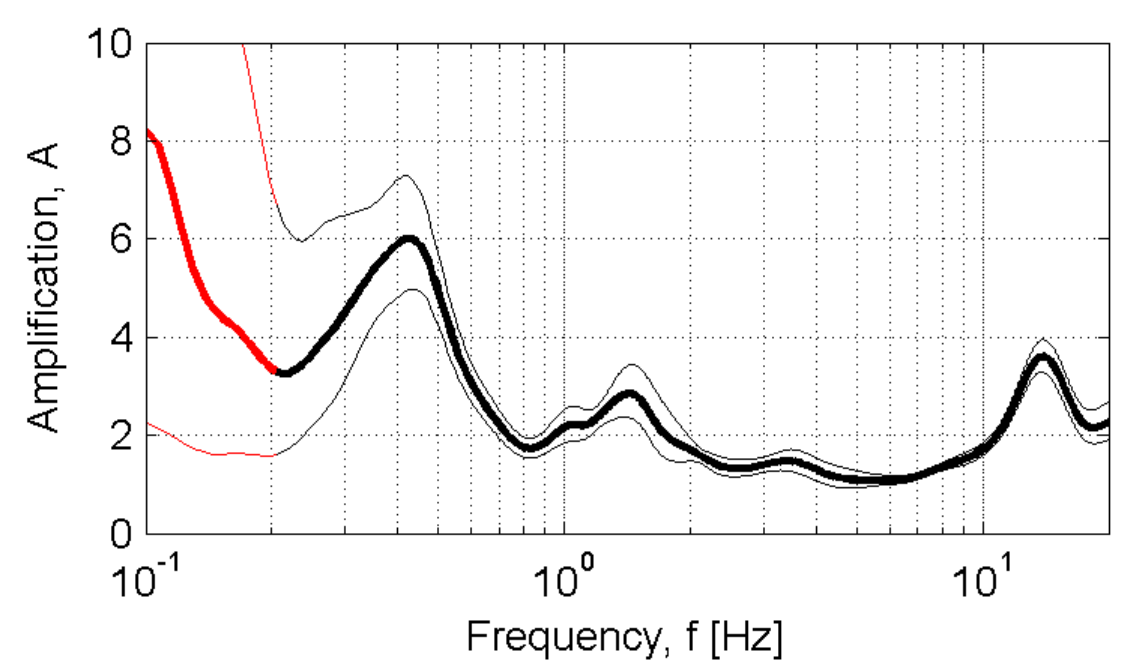
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# SSR-Sansevero



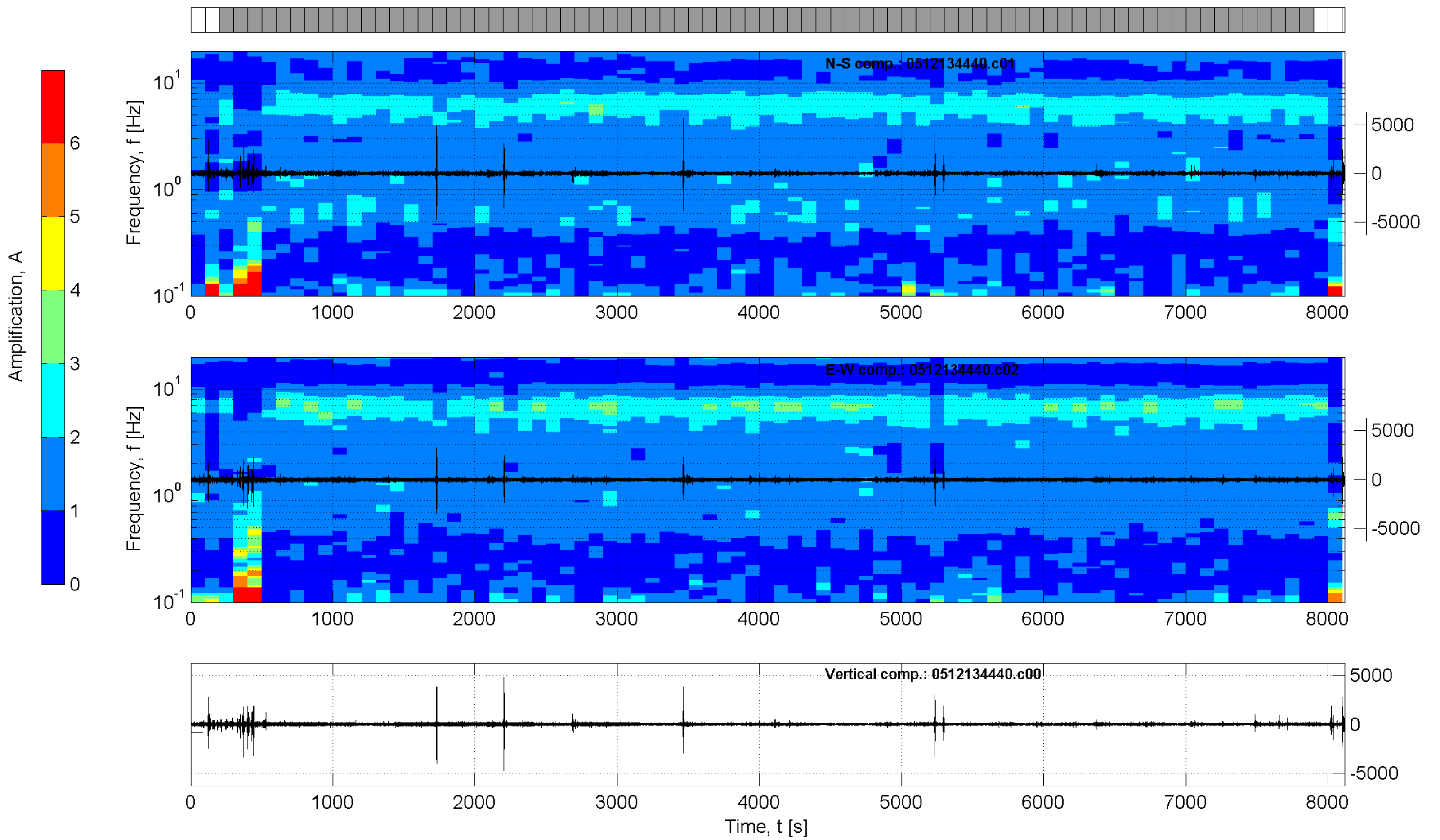
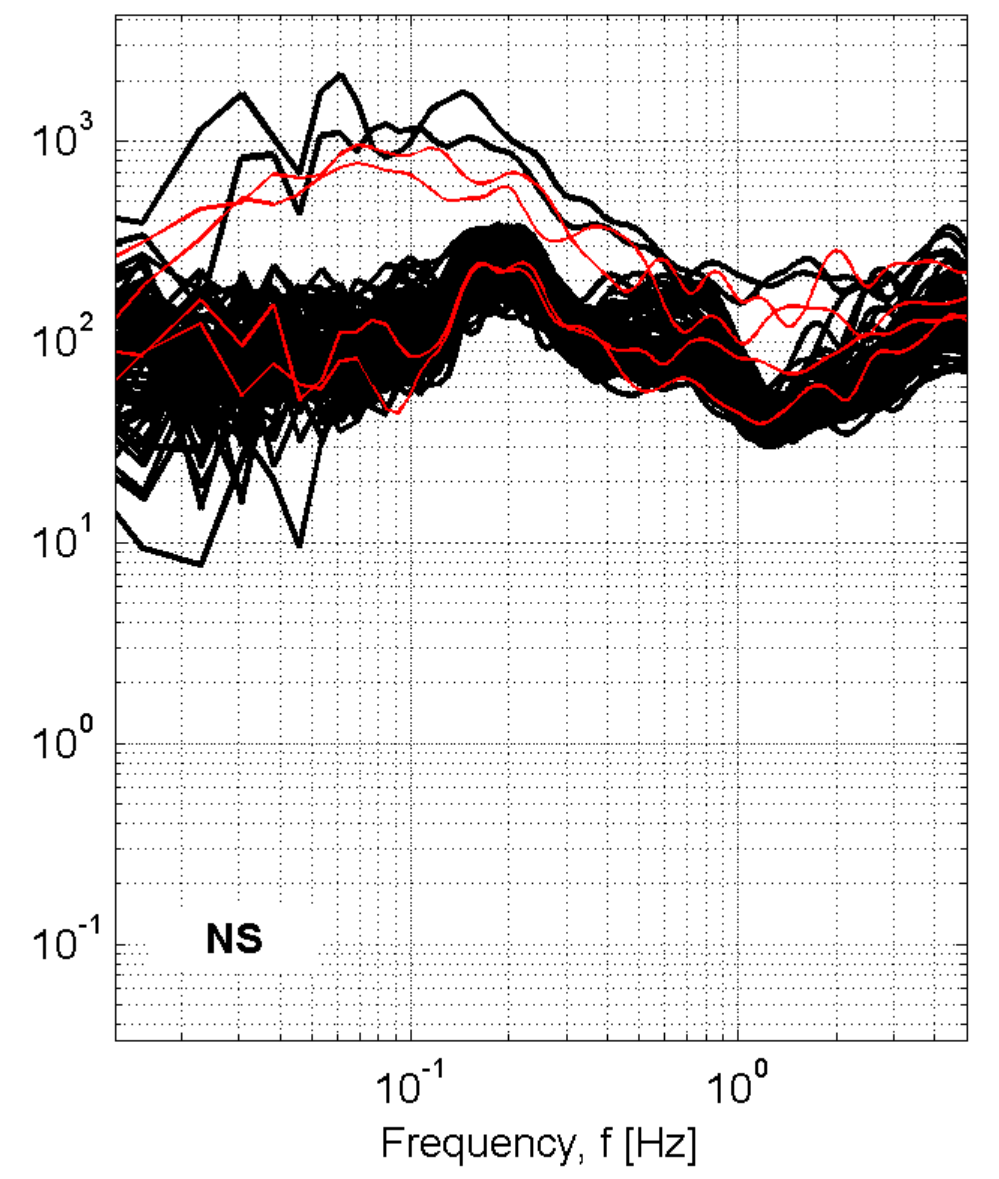
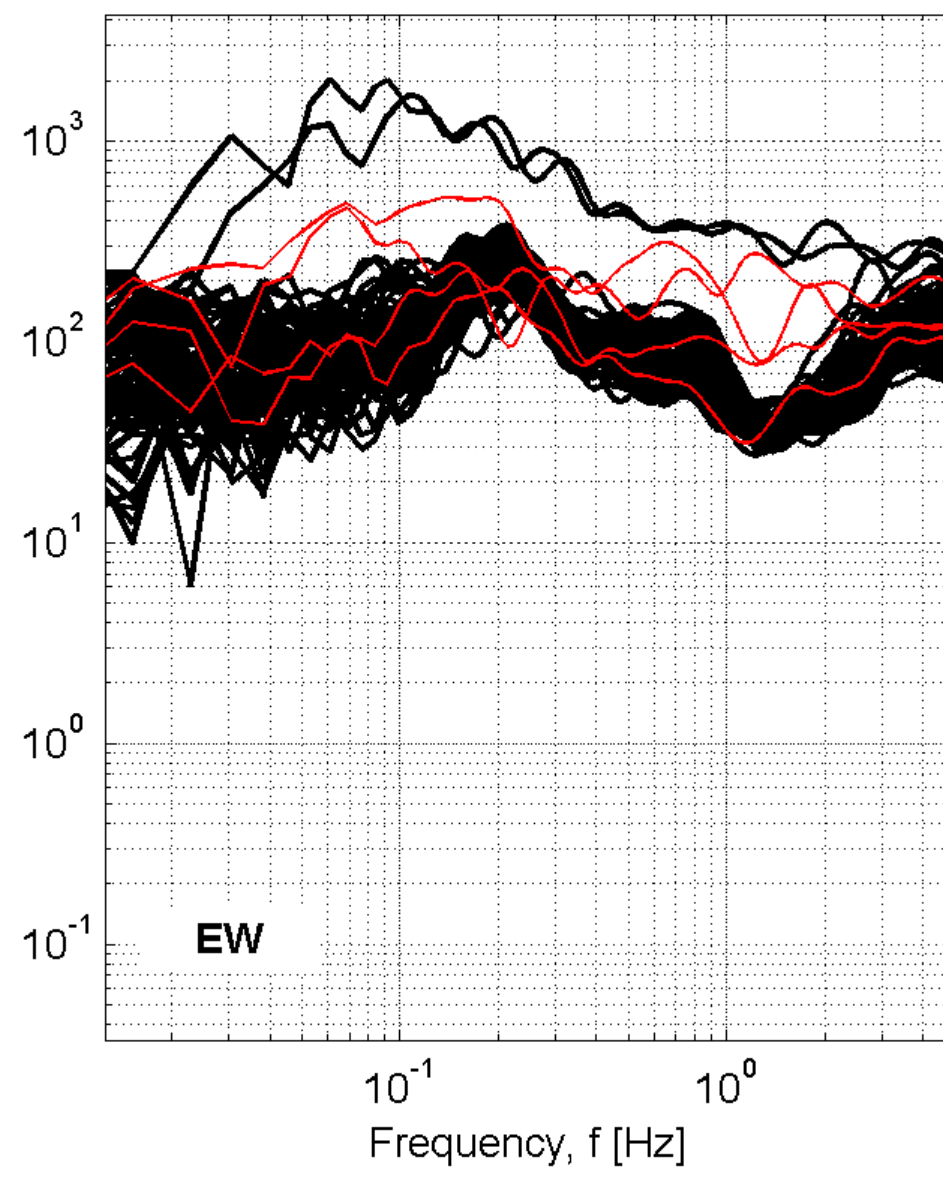
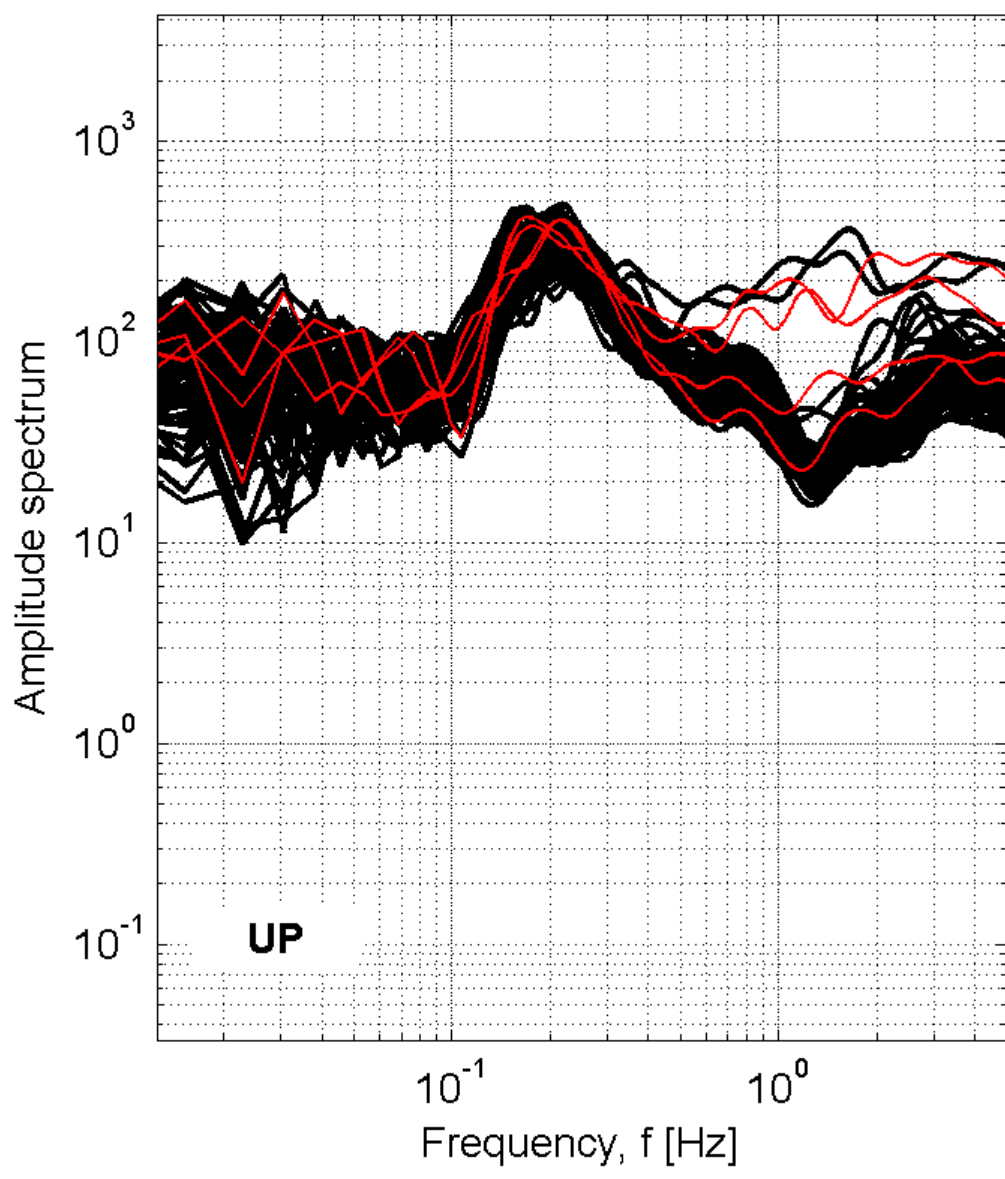
## Station: SSR-Sansevero

Recording duration: 130:00 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# STC\_S.StefanoCamastra



## Station: STC\_S.StefanoCamastra

Recording duration: 135:16 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

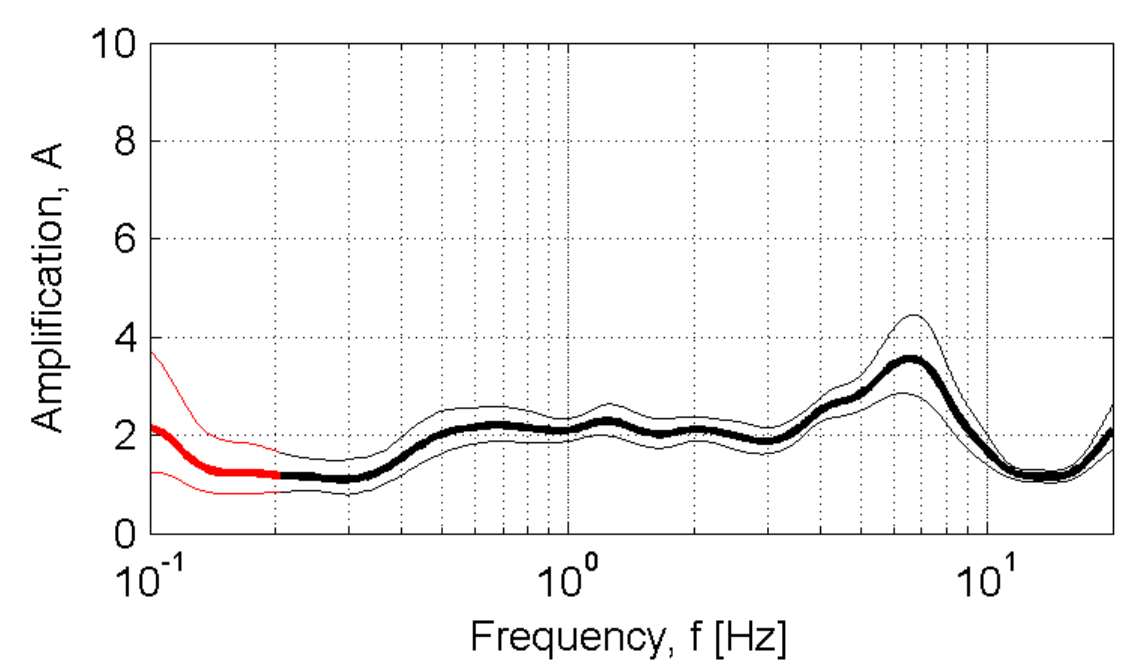
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

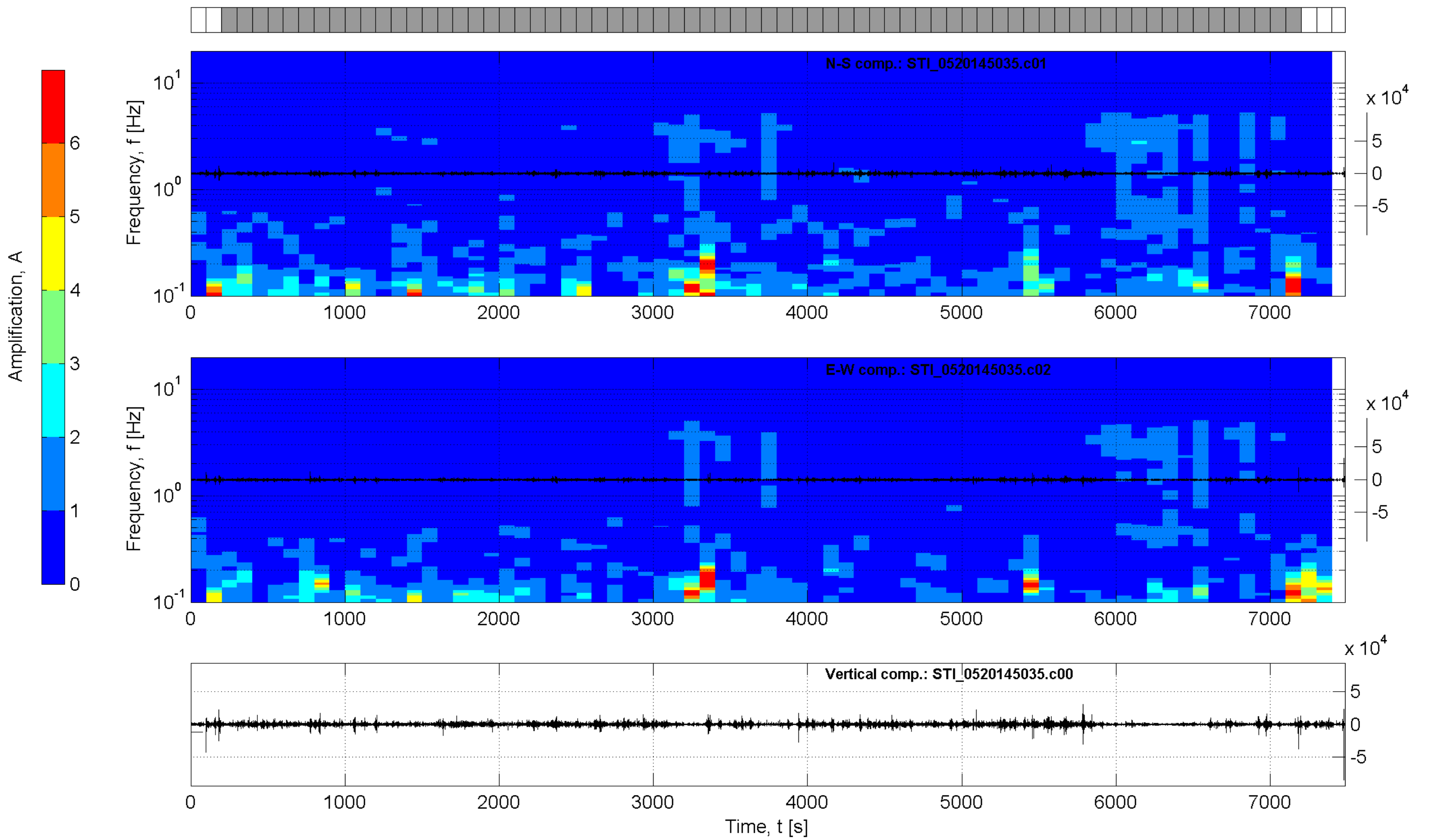
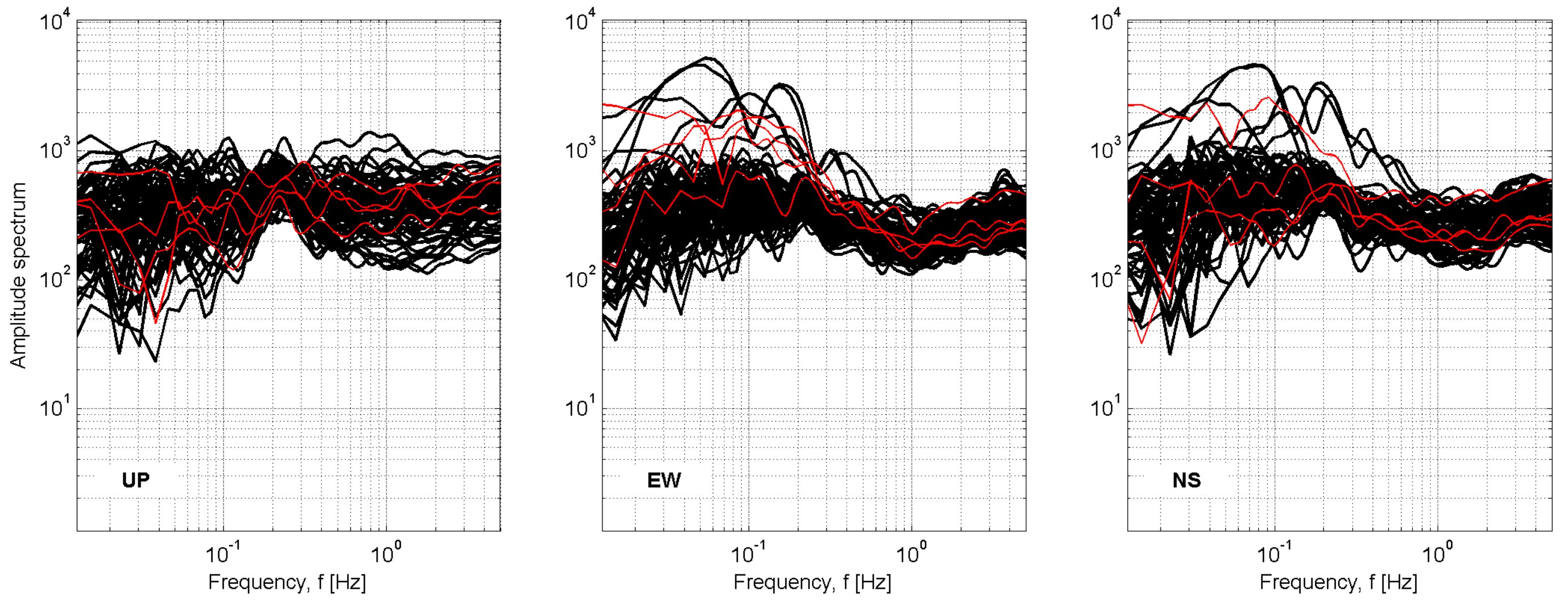
Save not filtered spectra: yes



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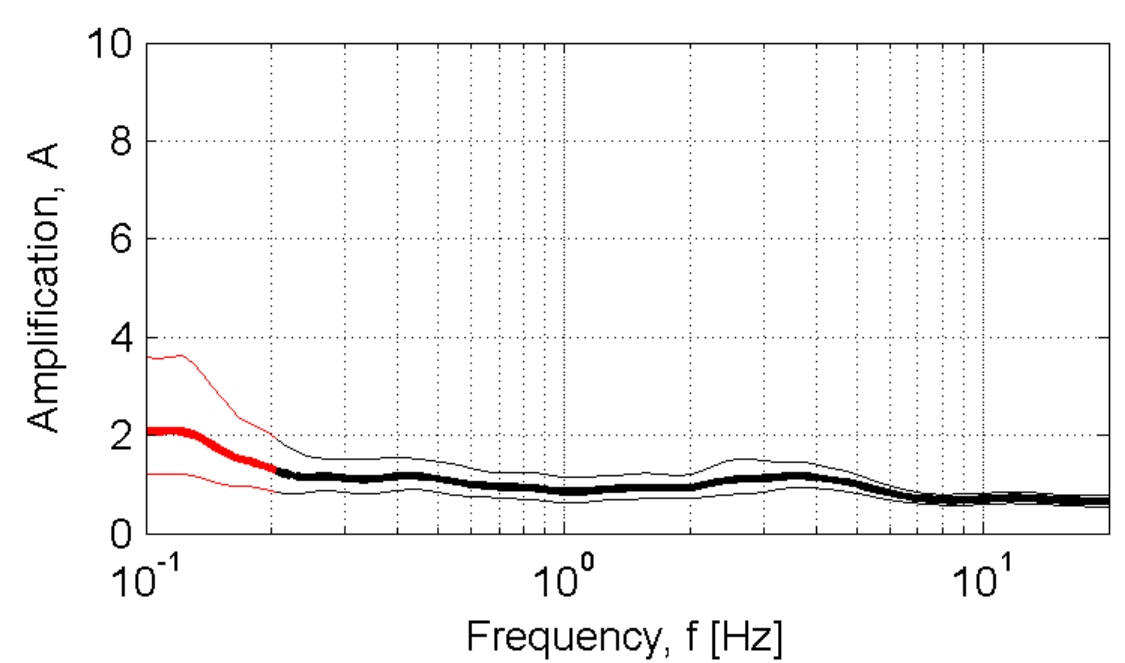


# STI\_stilo



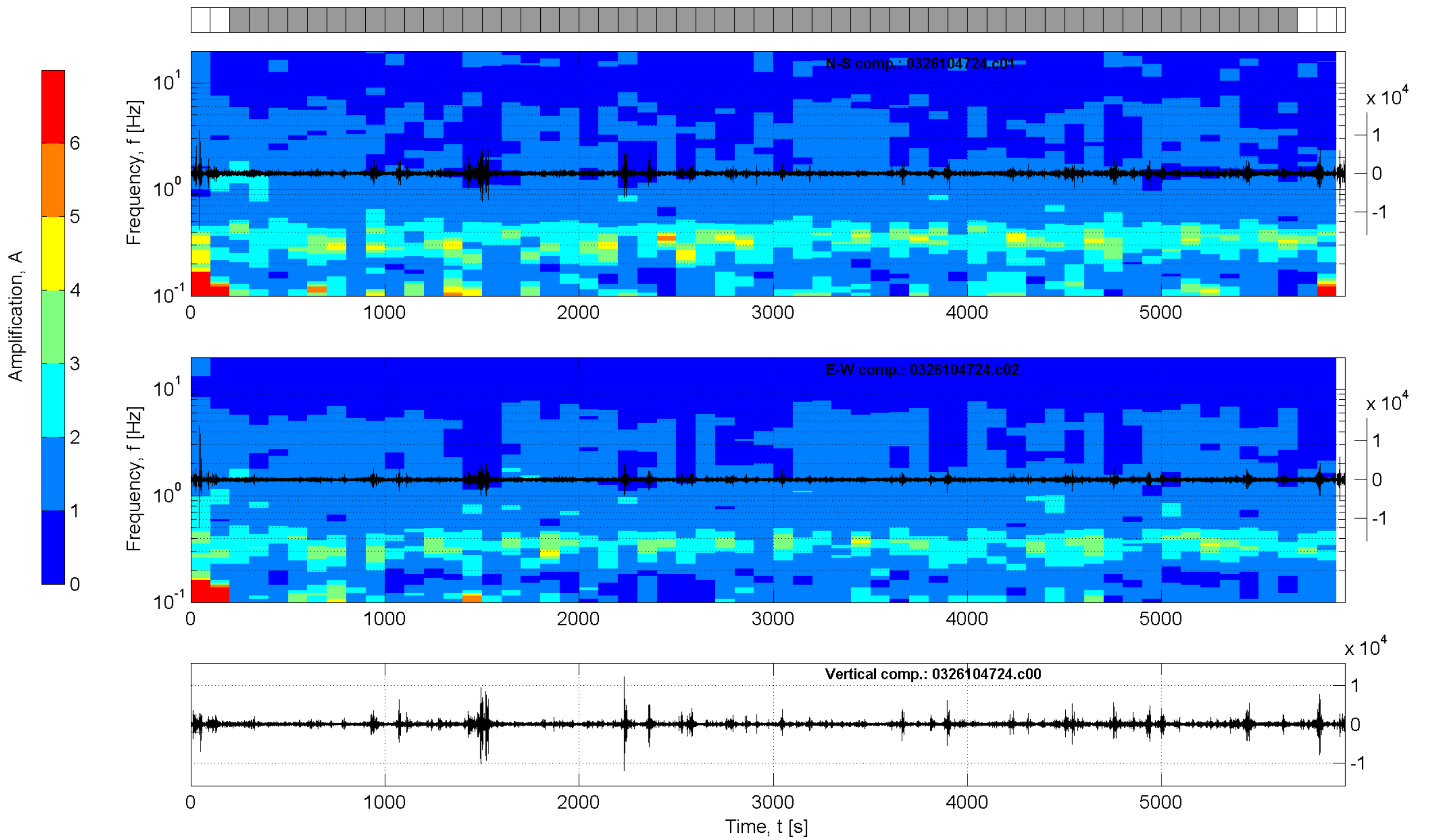
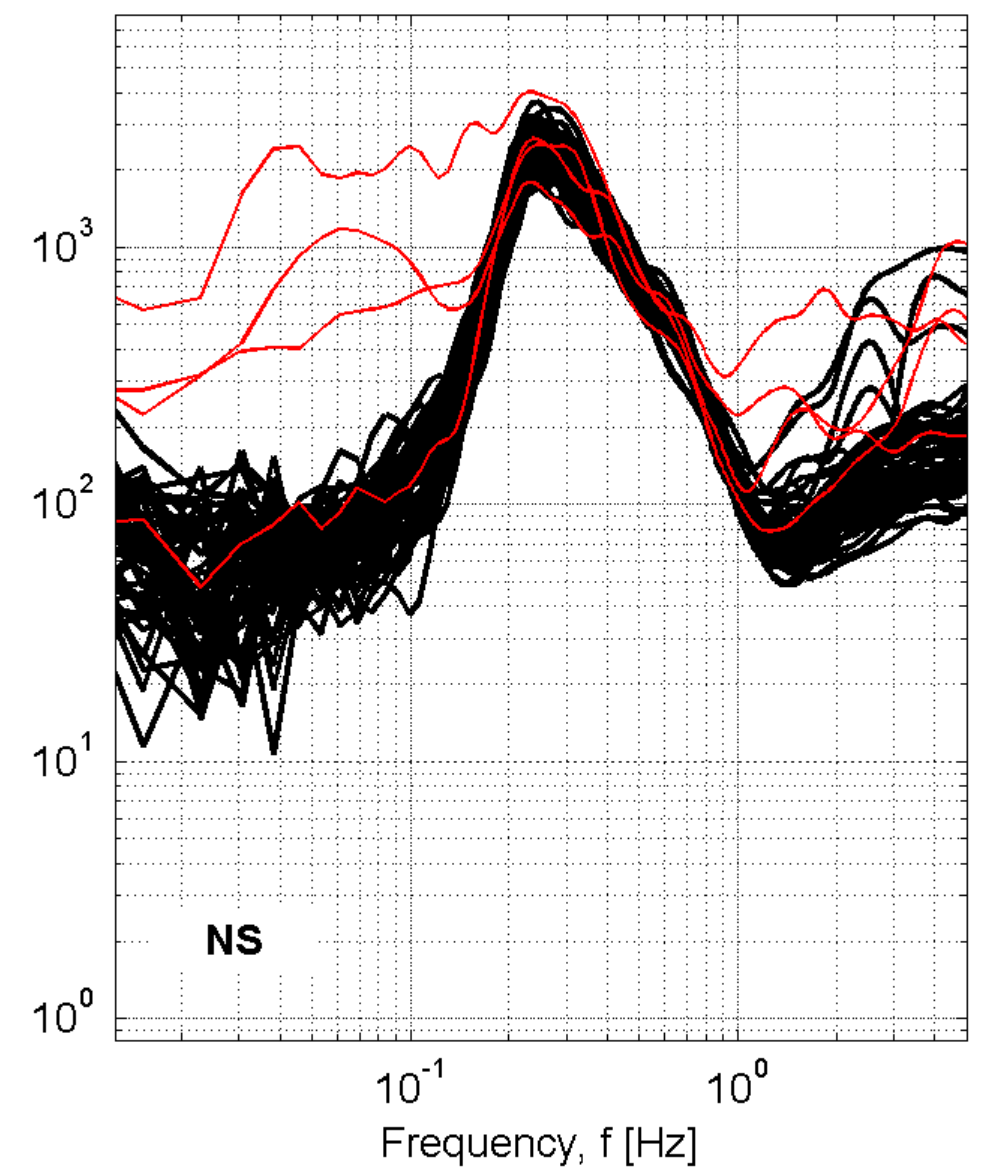
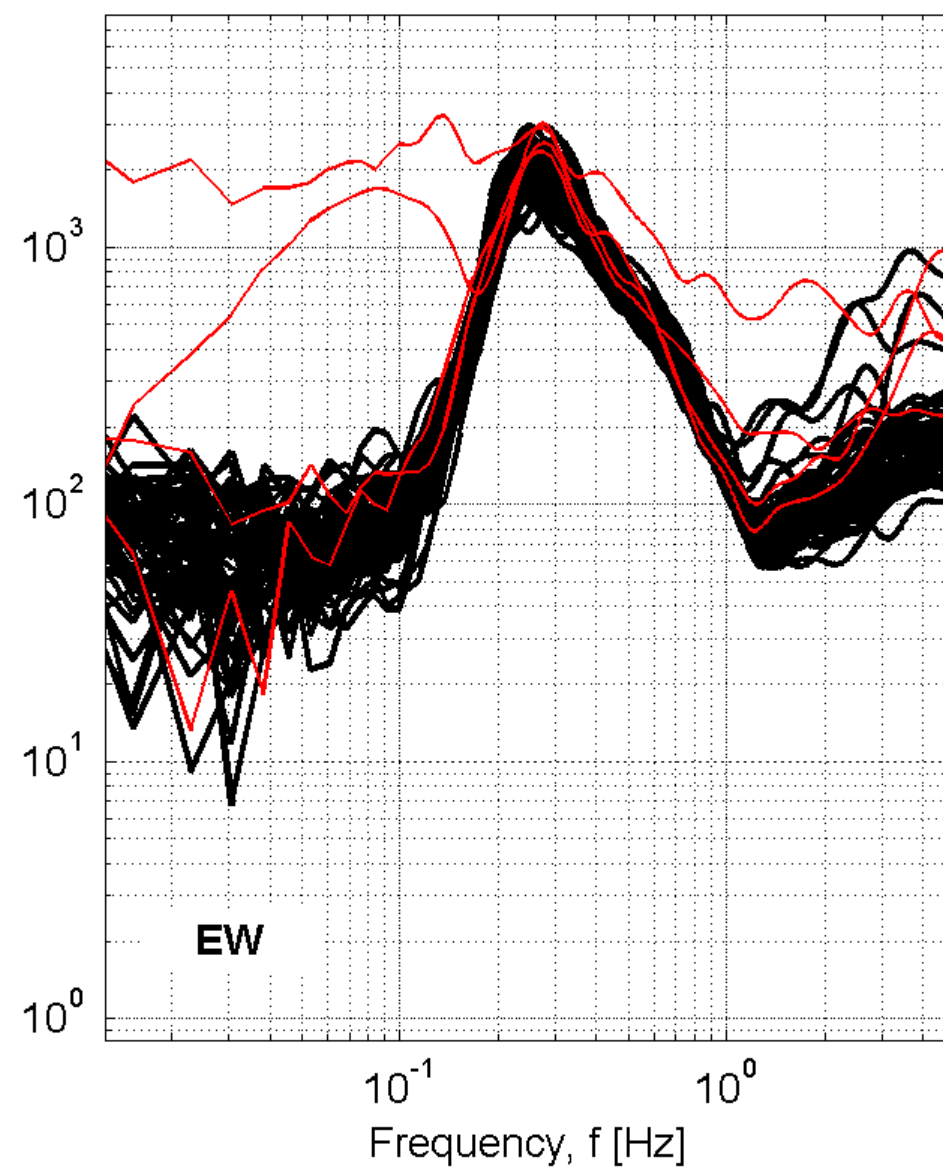
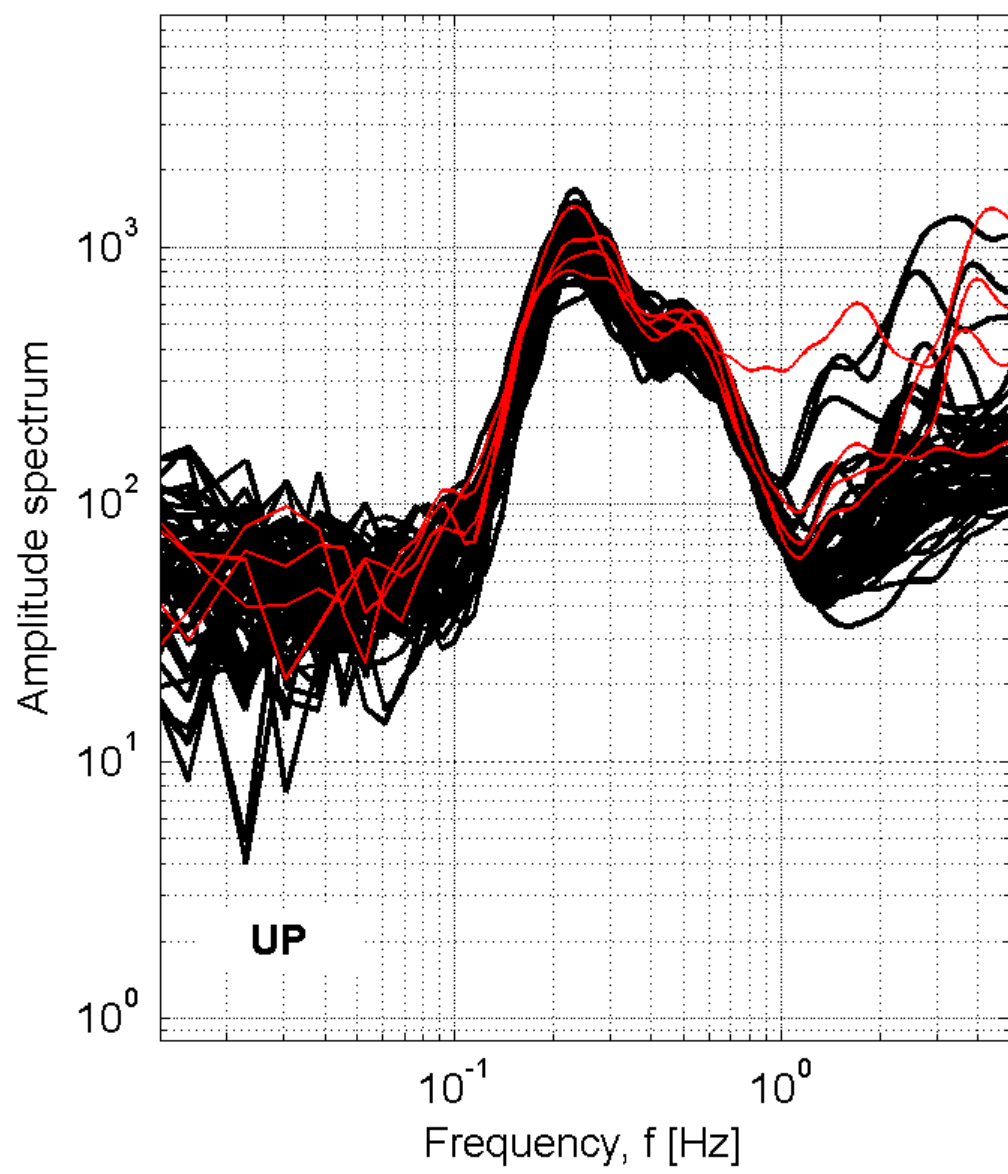
## Station: STI\_stilo

Recording duration: 124:44 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# STN-Sturno



## Station: STN-Sturno

Recording duration: 99:04 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

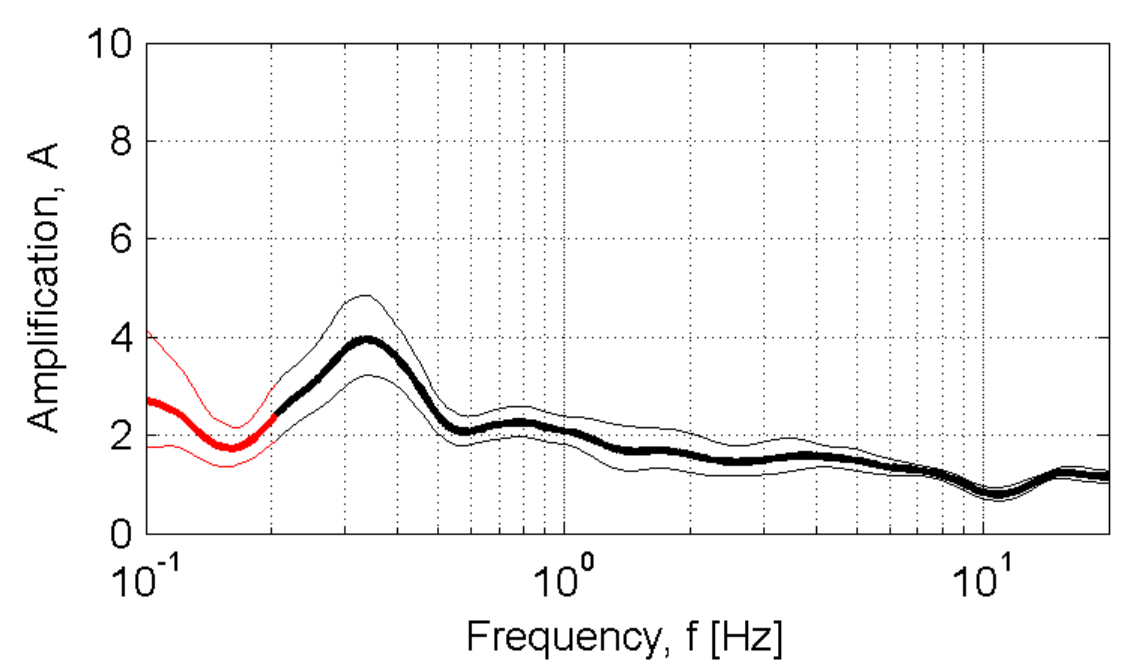
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

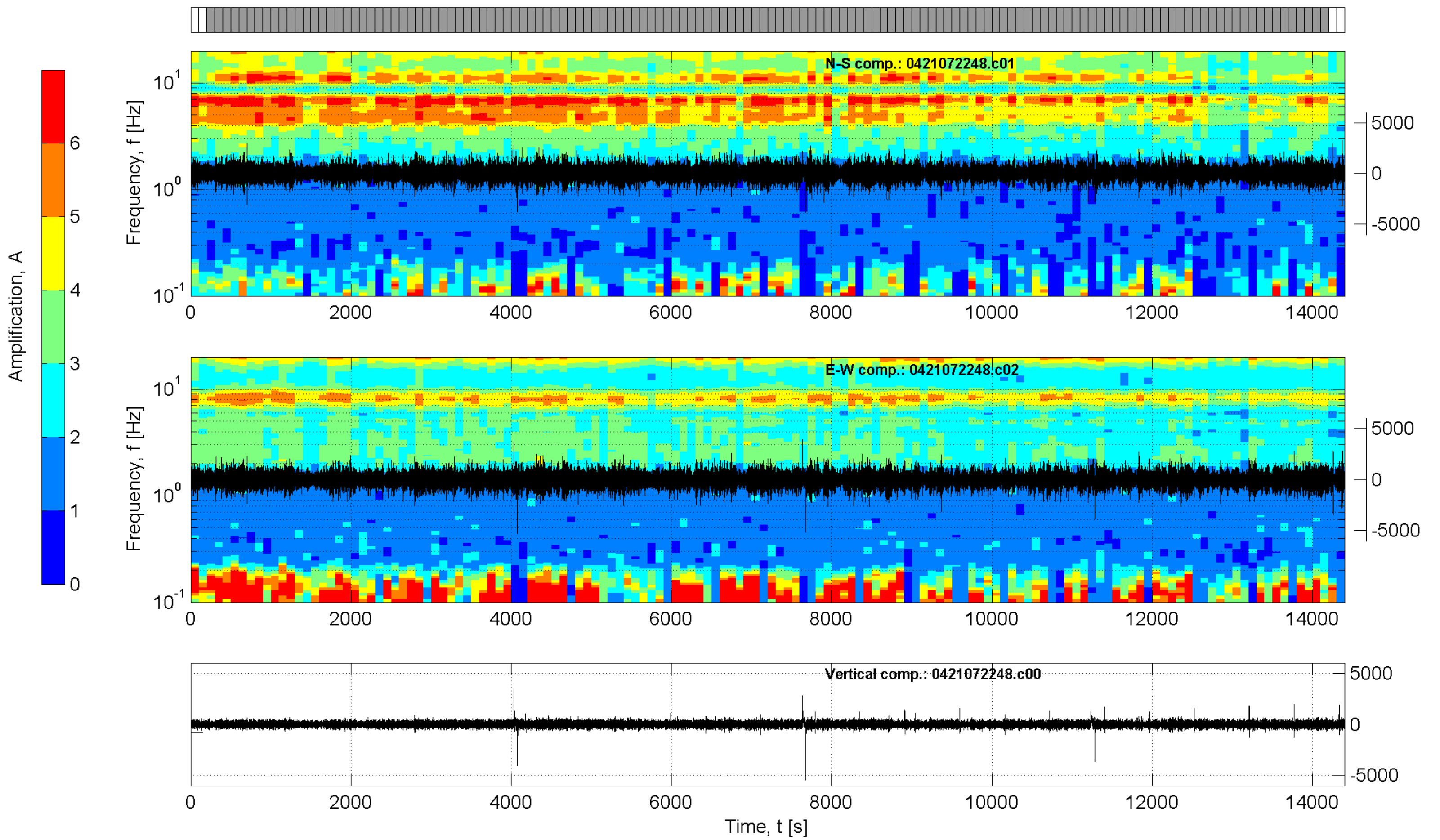
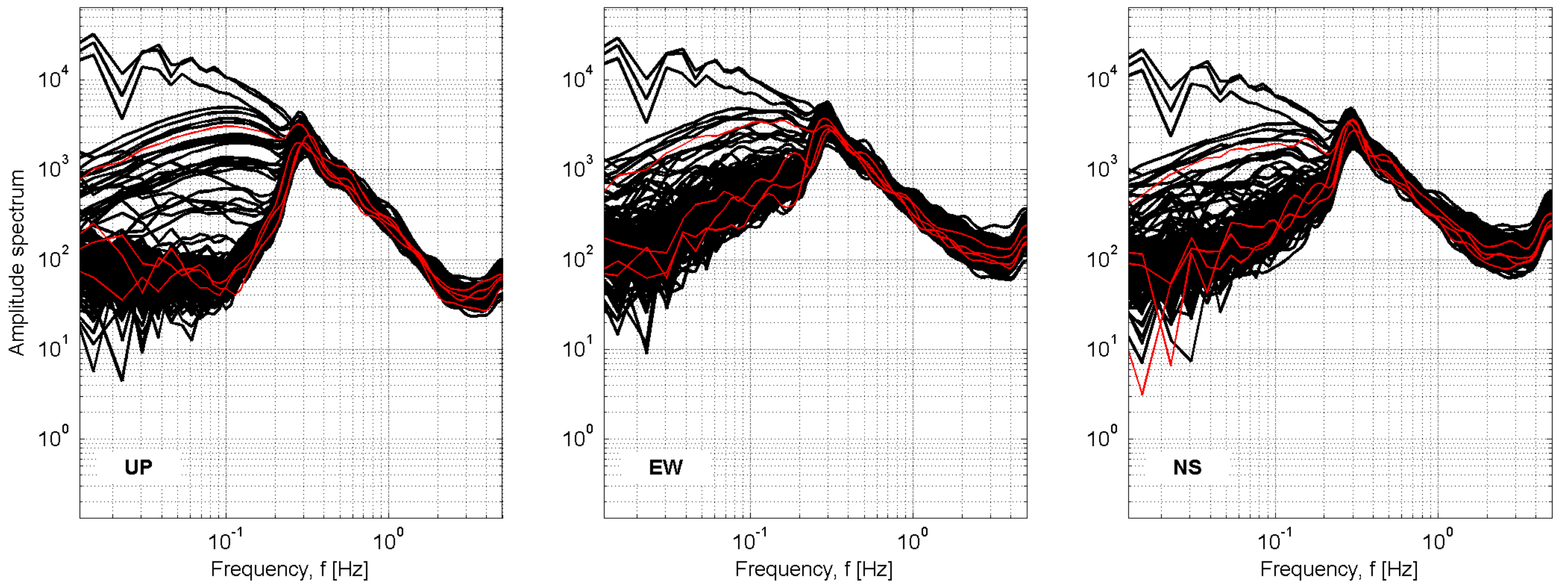
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



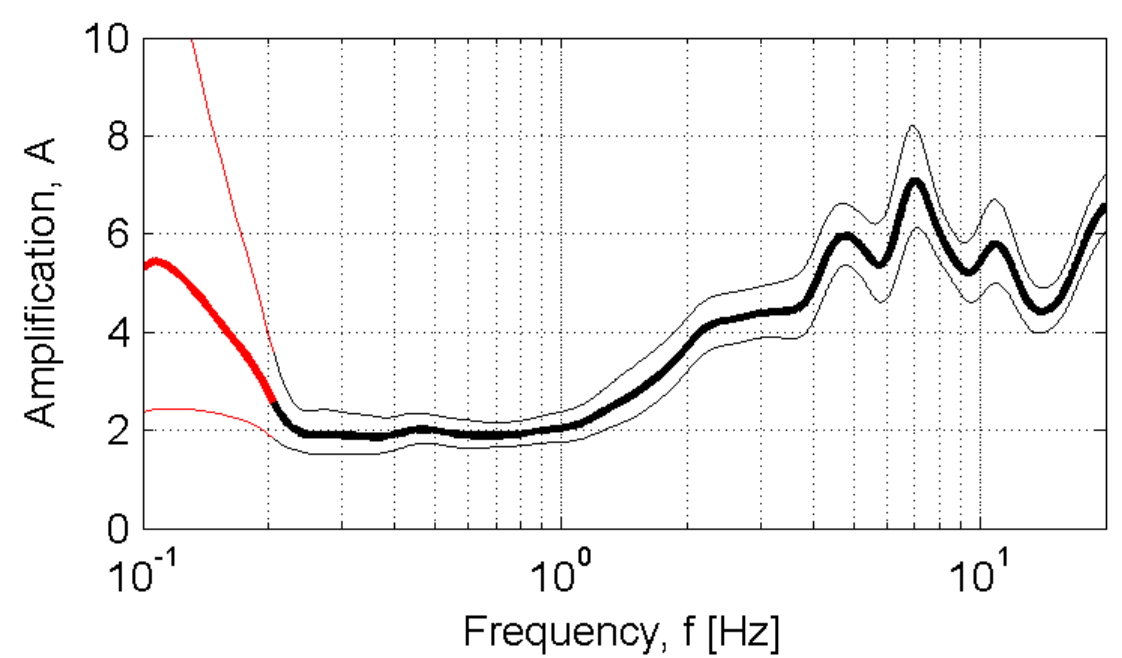
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# SVP\_S.VitoLoCapo



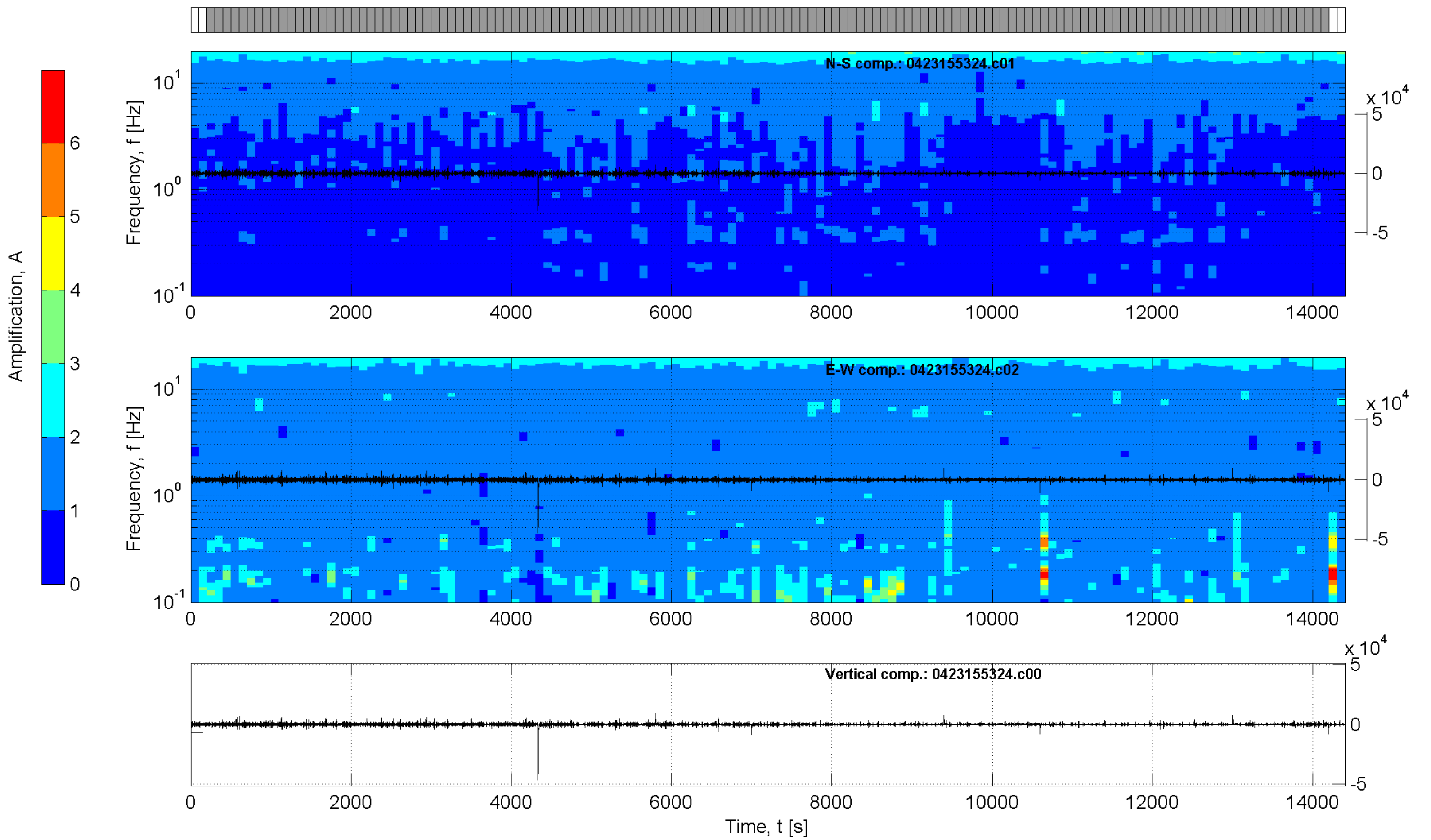
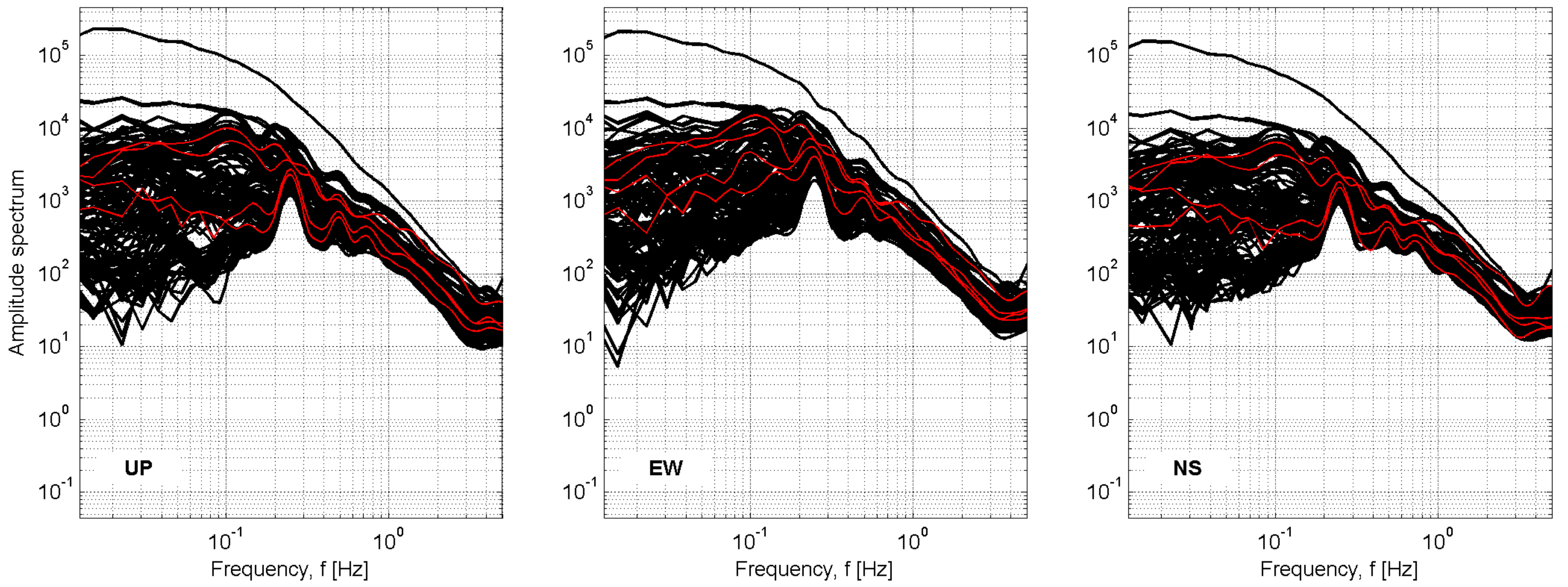
**Station: SVP\_S.VitoLoCapo**

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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 by Rodolfo Puglia - Dino Bindi - Lucia Luzi - Francesca Pacor

# TEM\_Terminilmerese



## Station: TEM\_Terminilmerese

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length ( $l_w$ ) = 100 [s]

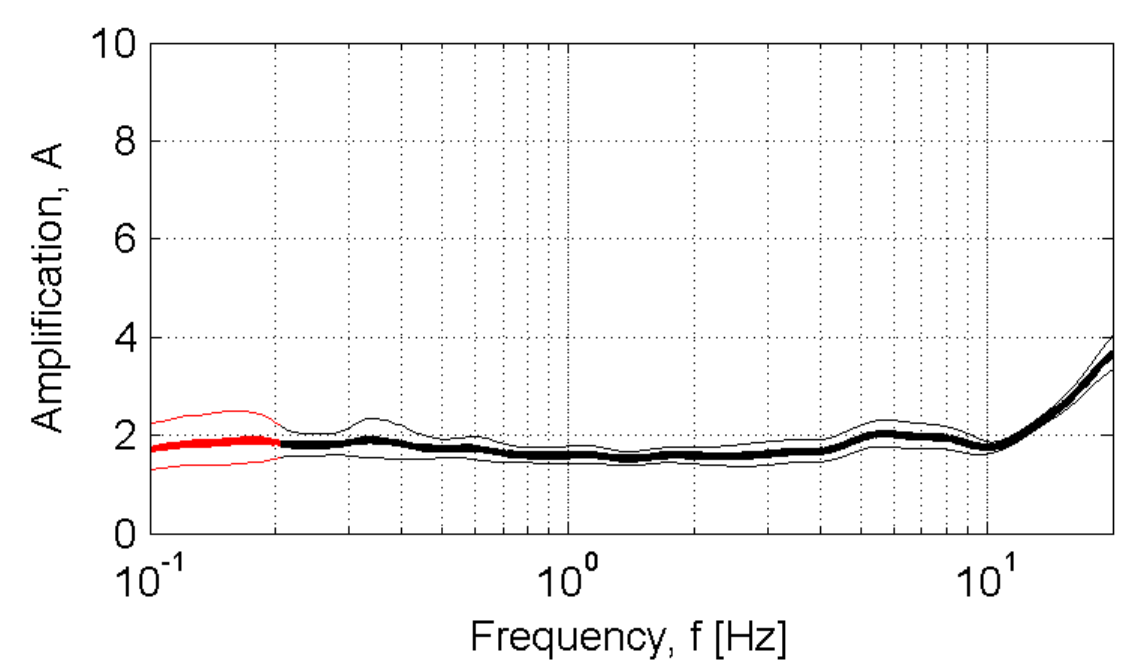
Minimum expected  $f_0$  = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

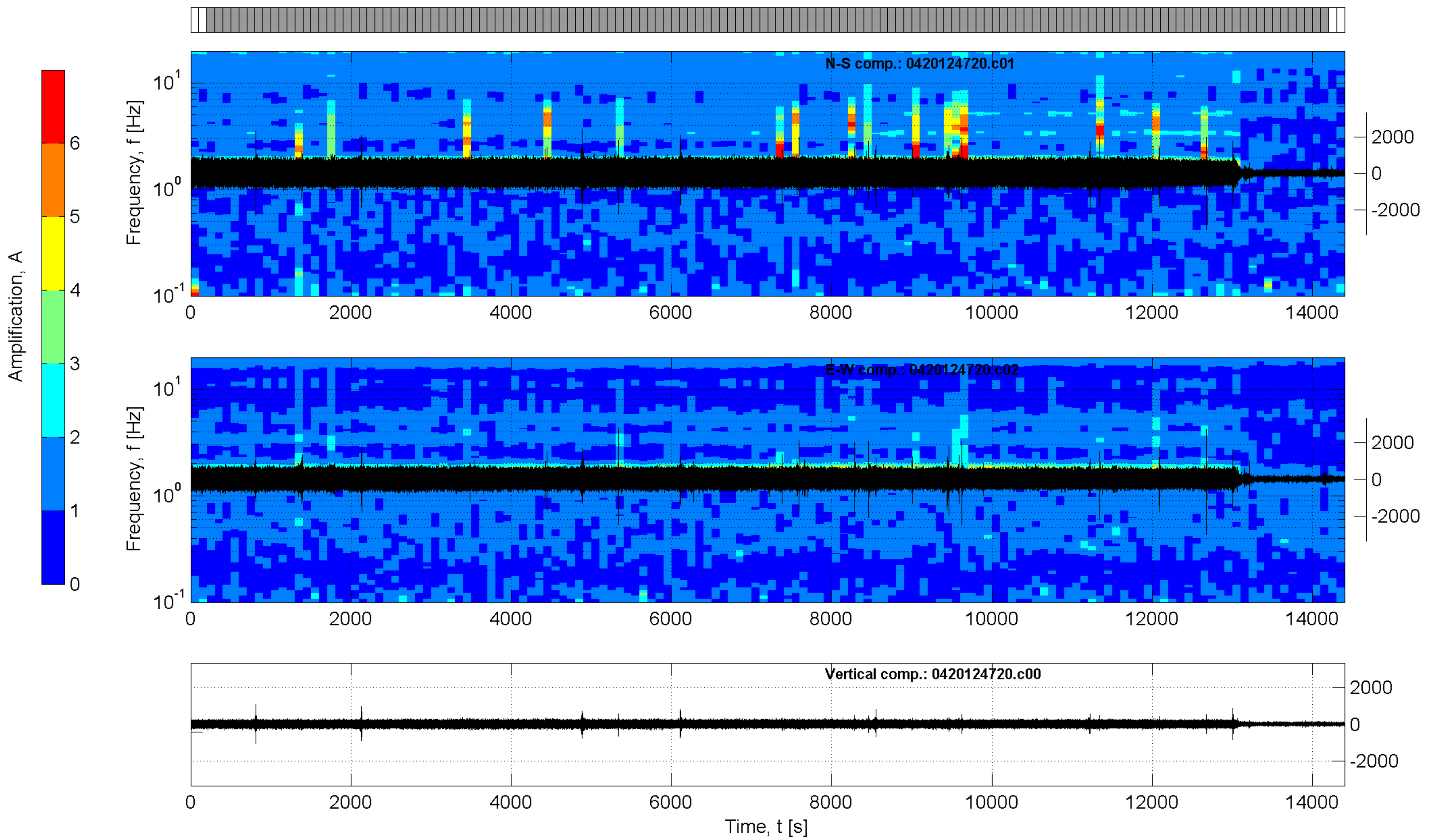
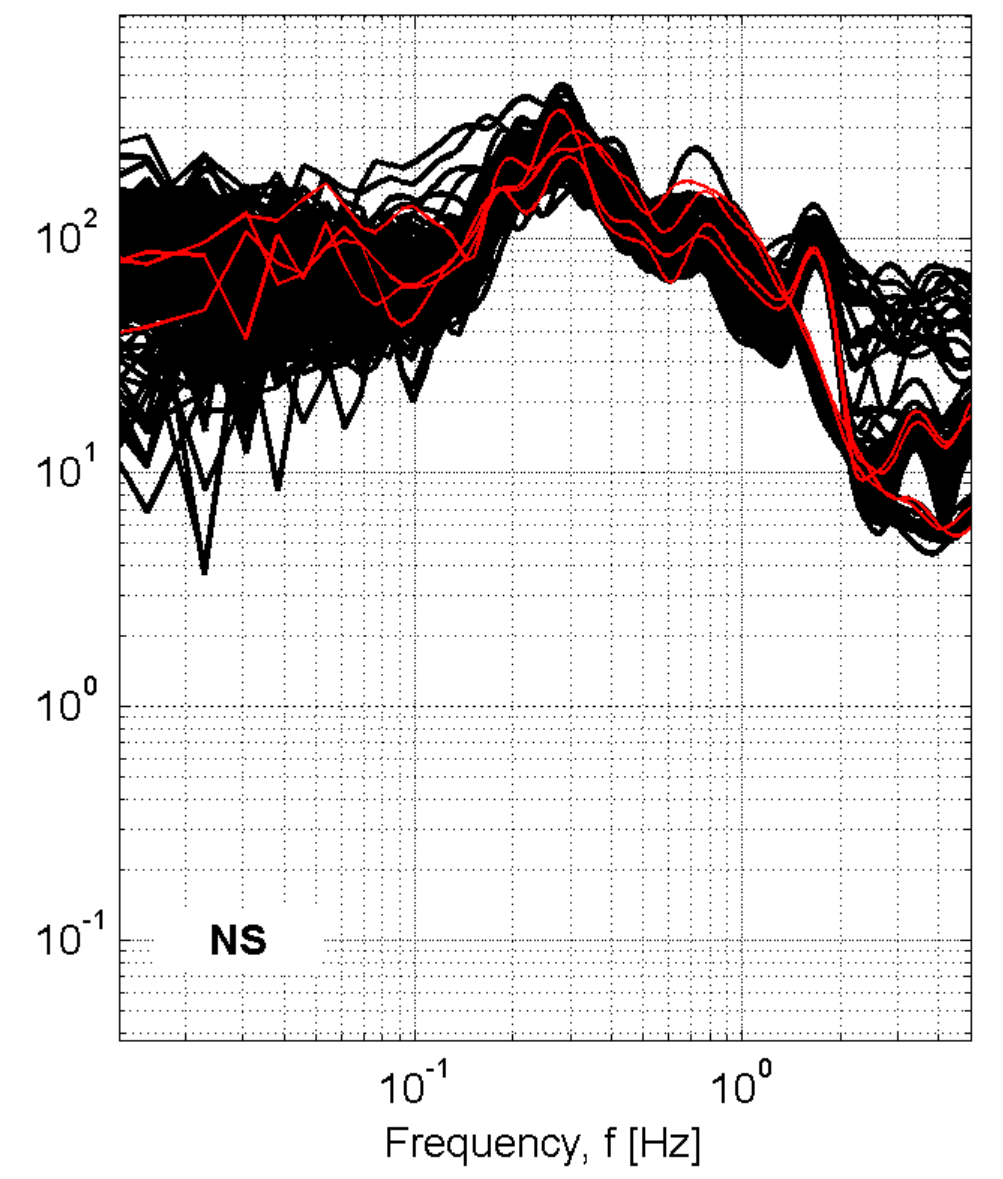
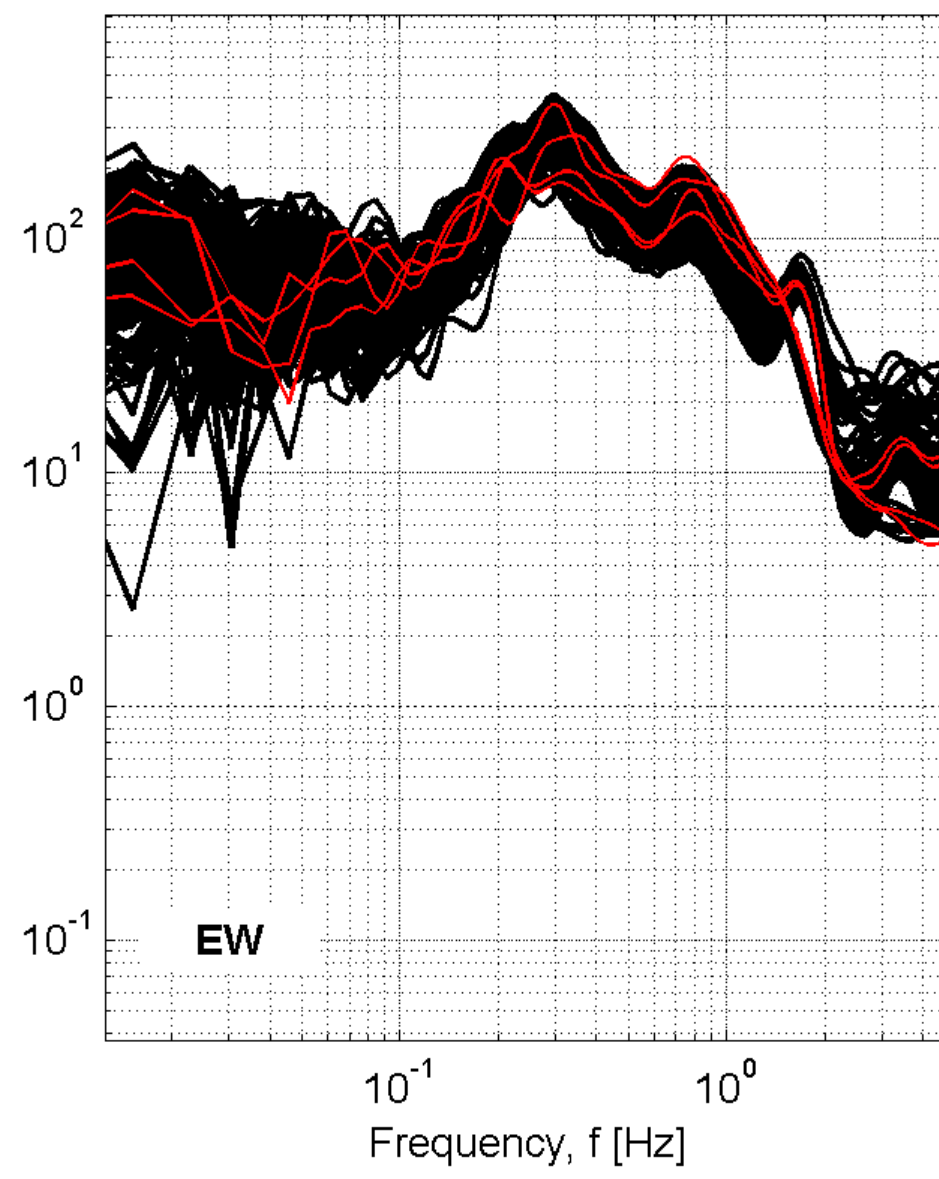
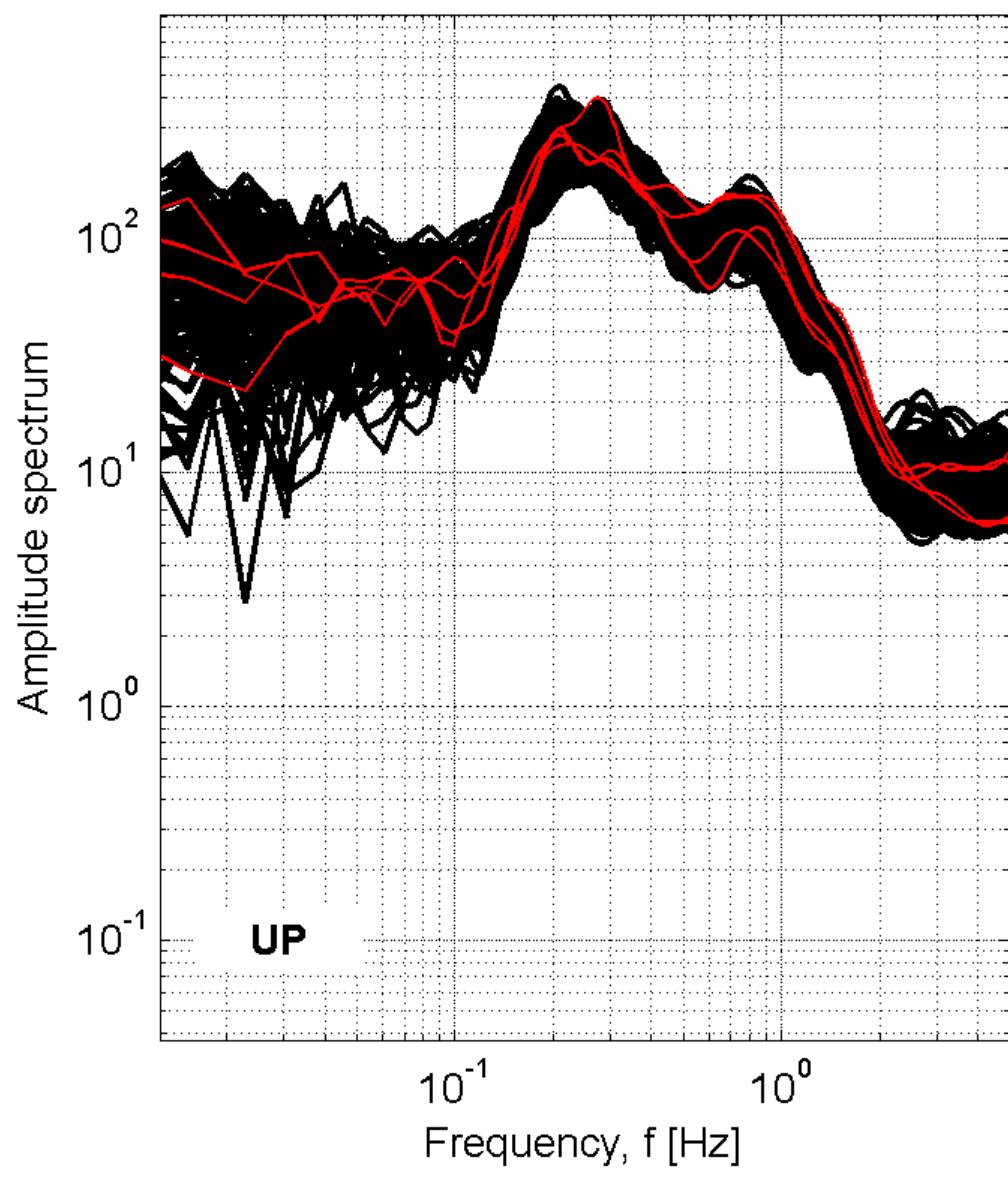
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# TES\_Terrasini



## Station: TES\_Terrasini

Recording duration: 240:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

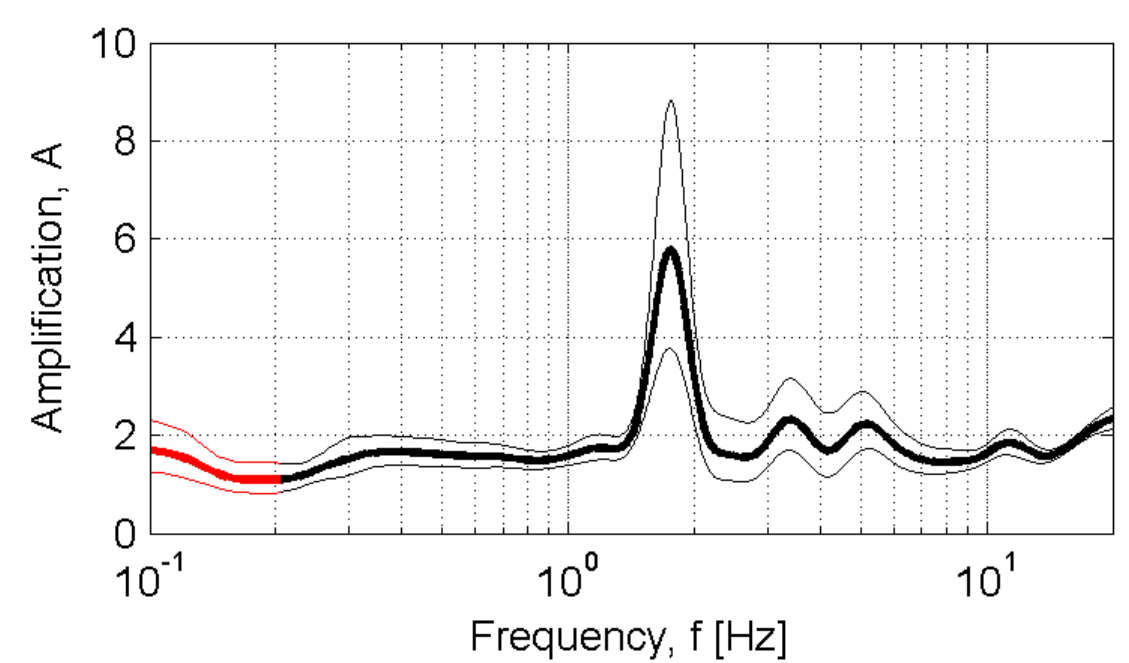
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

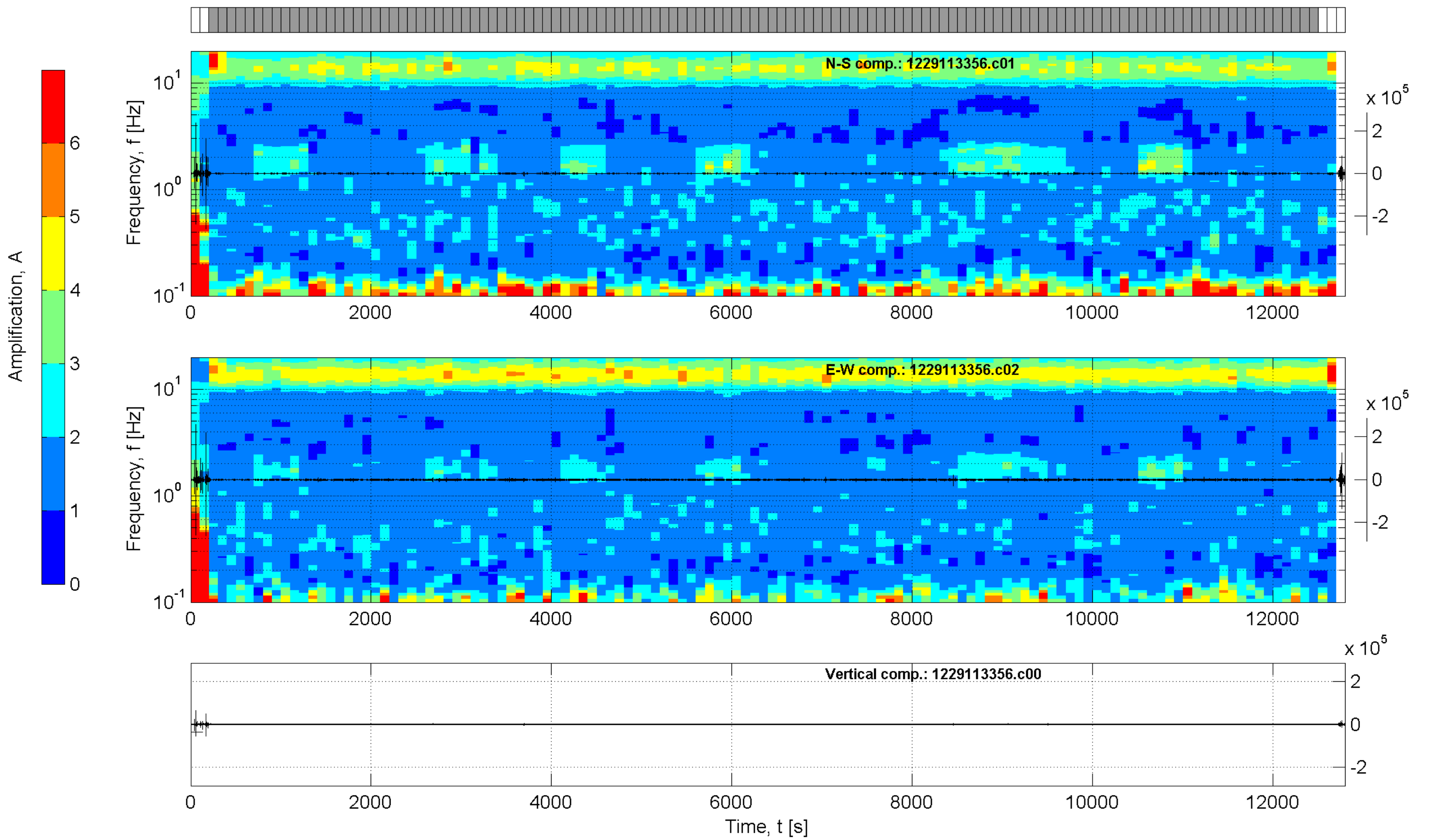
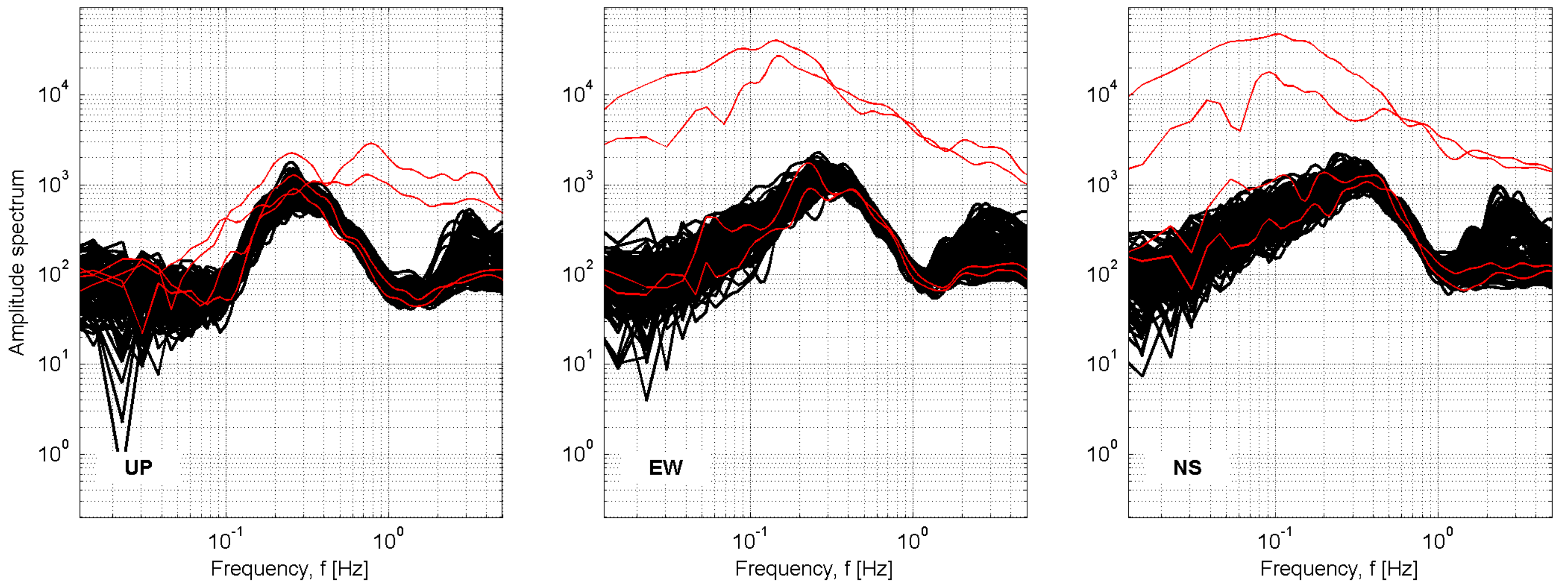
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# TLS-Telese Terme



## Station: TLS-Telese Terme

Recording duration: 213:16 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

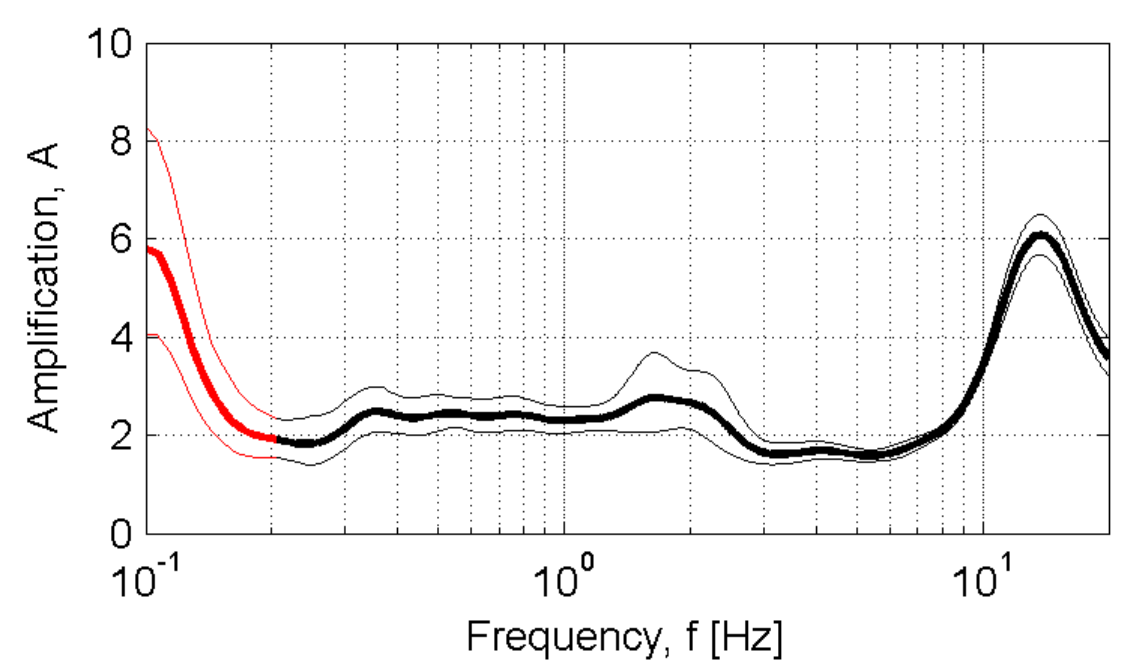
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

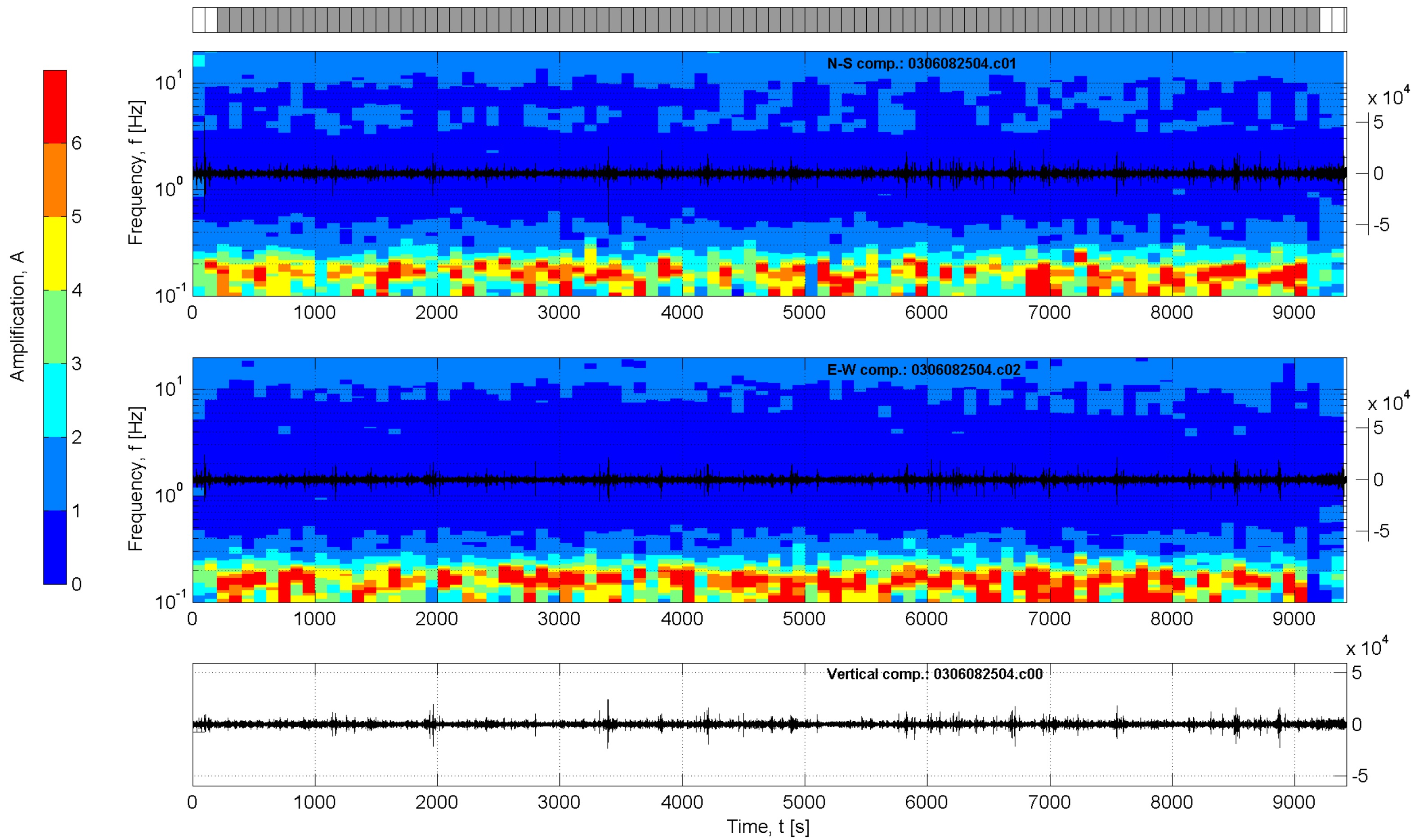
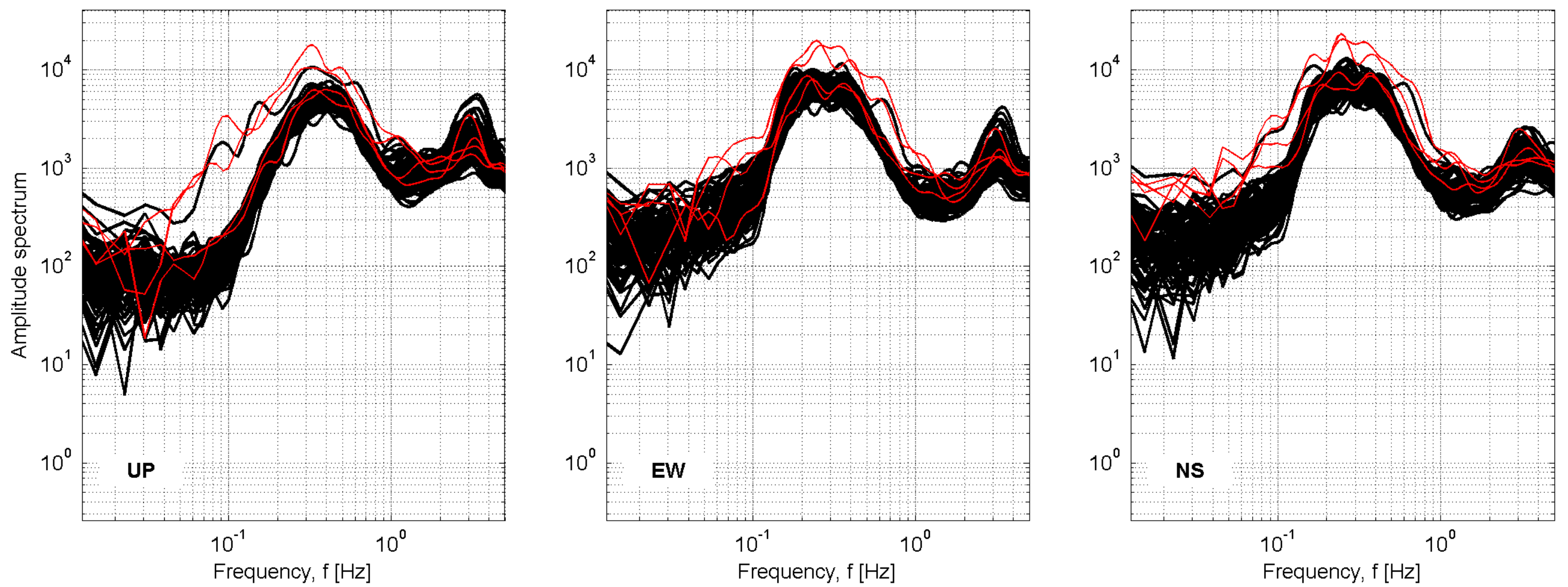
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# TMO-Termoli



## Station: TMO-Termoli

Recording duration: 157:00 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

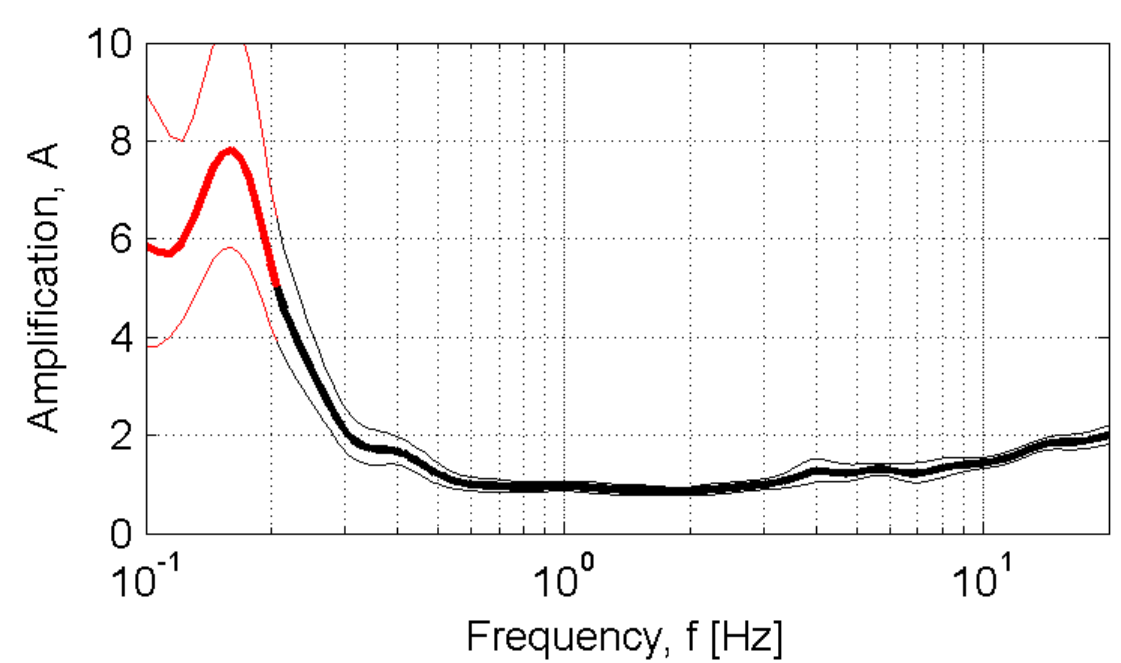
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

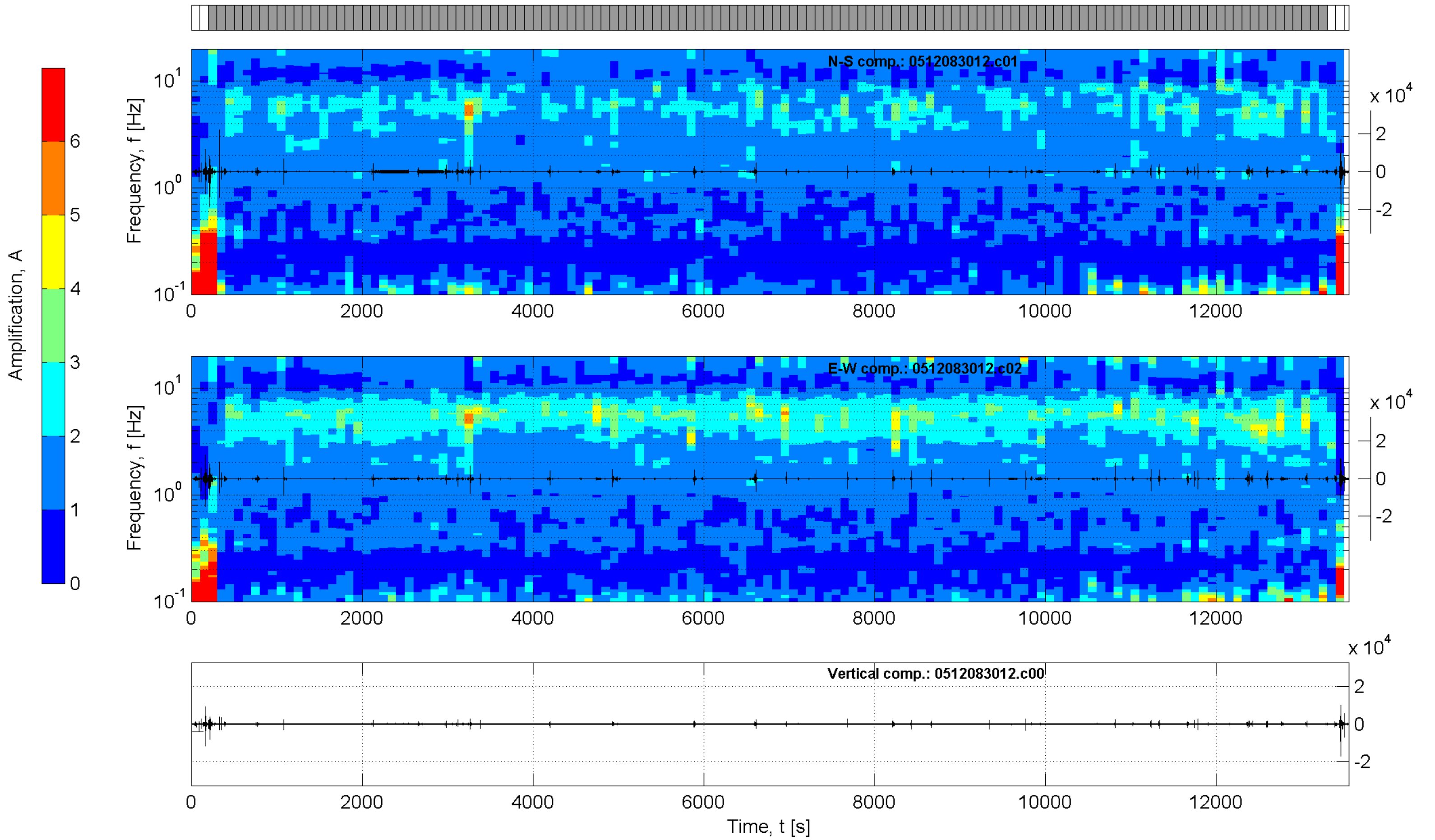
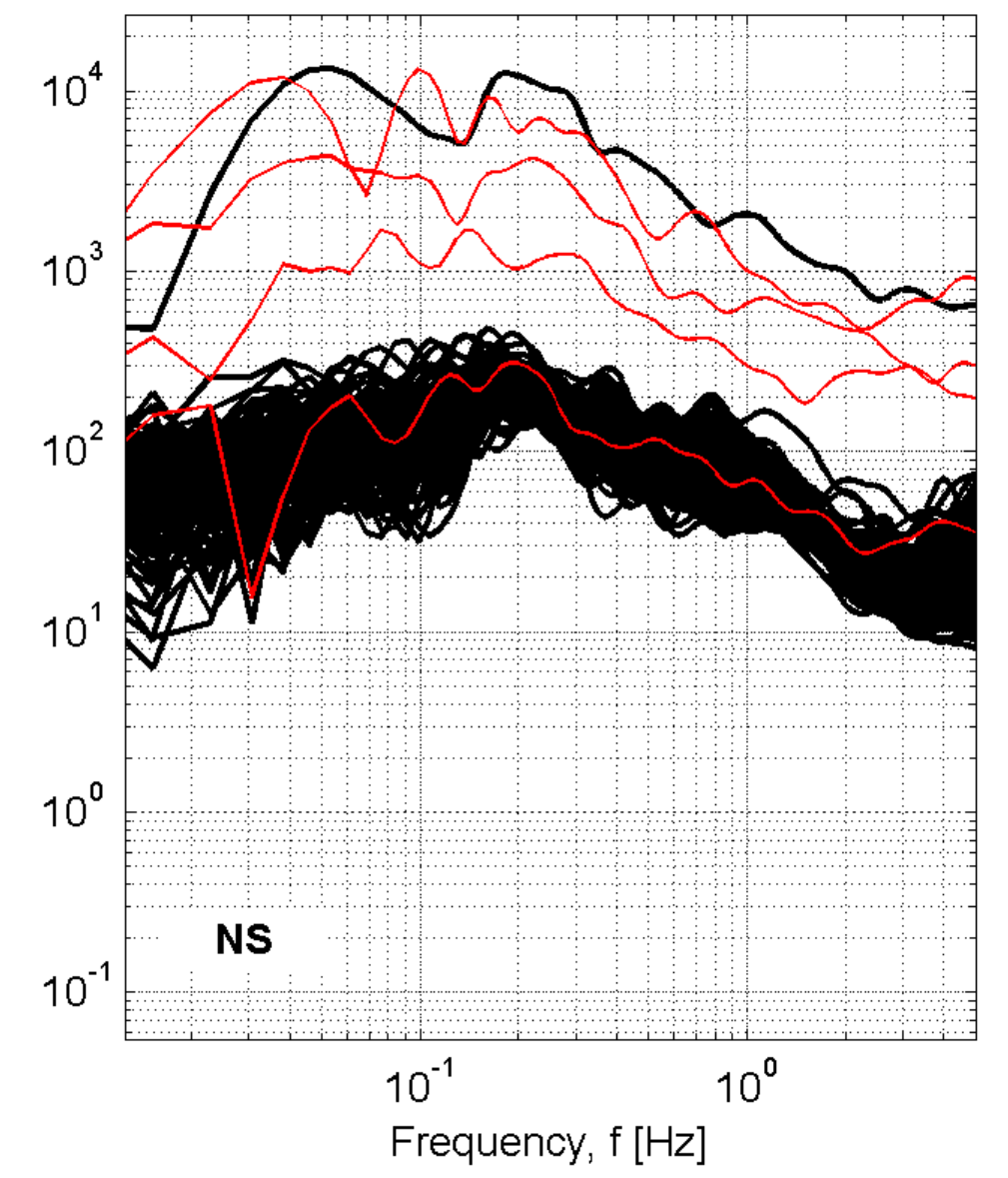
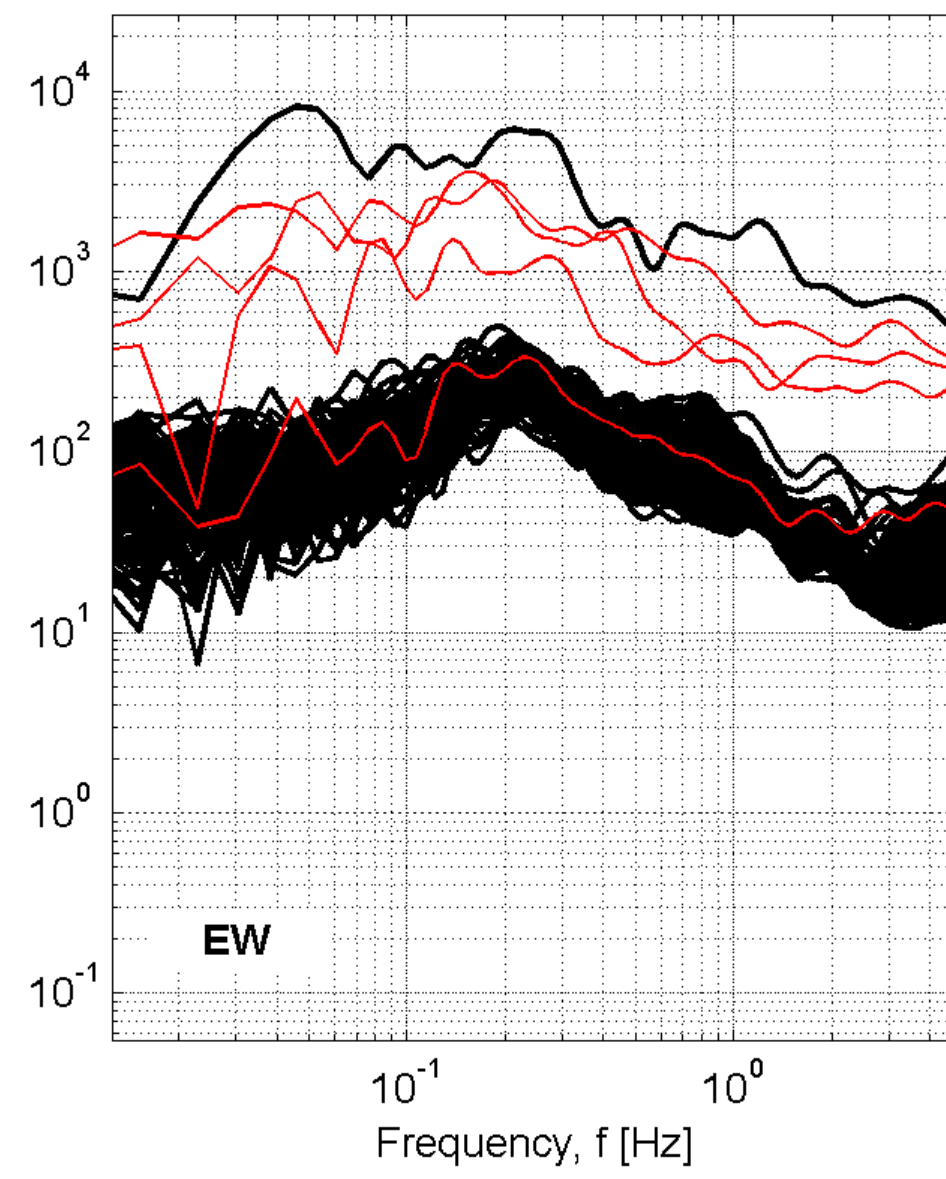
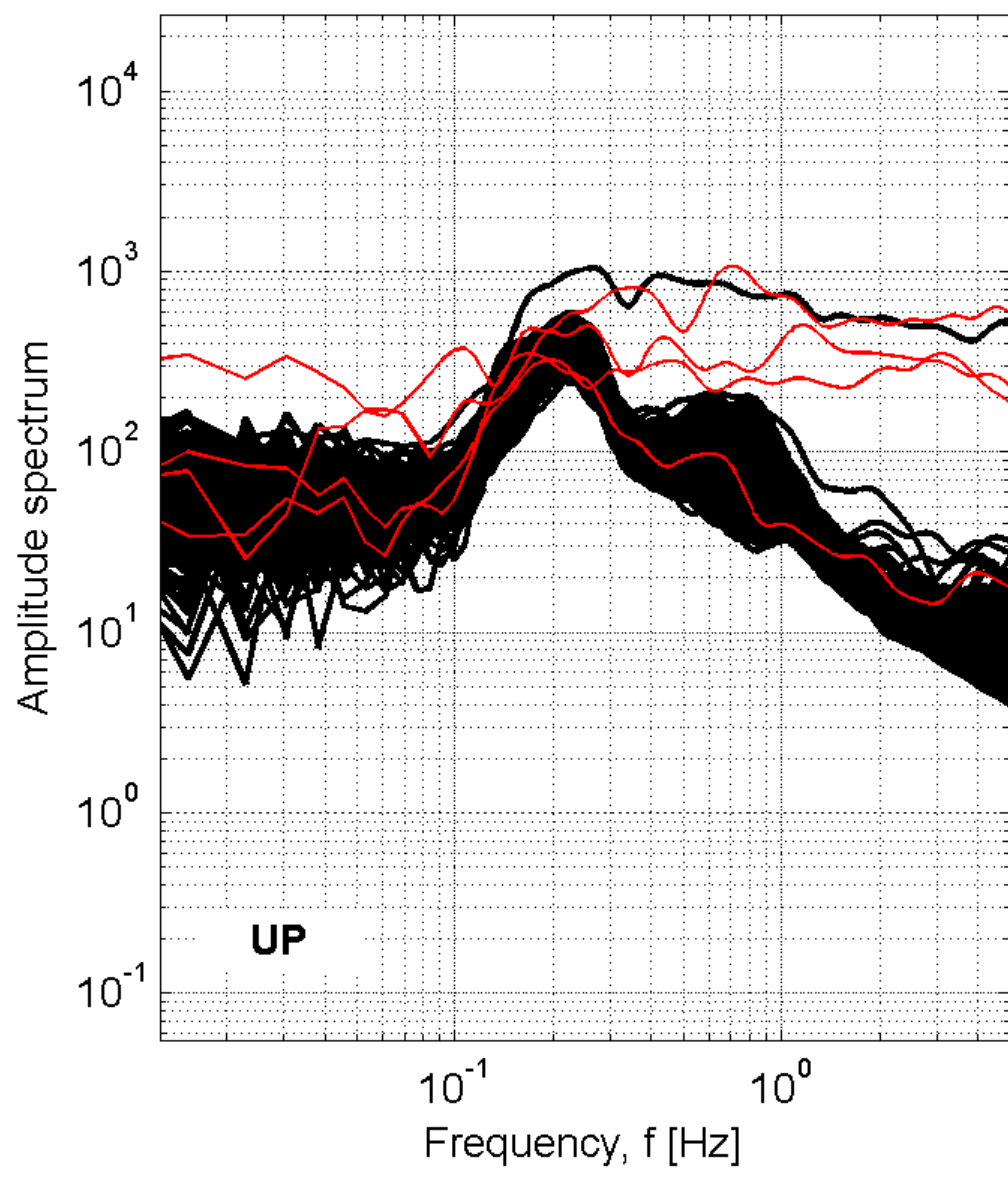
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# TOR\_Tortorici



## Station: TOR\_Tortorici

Recording duration: 225:52 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

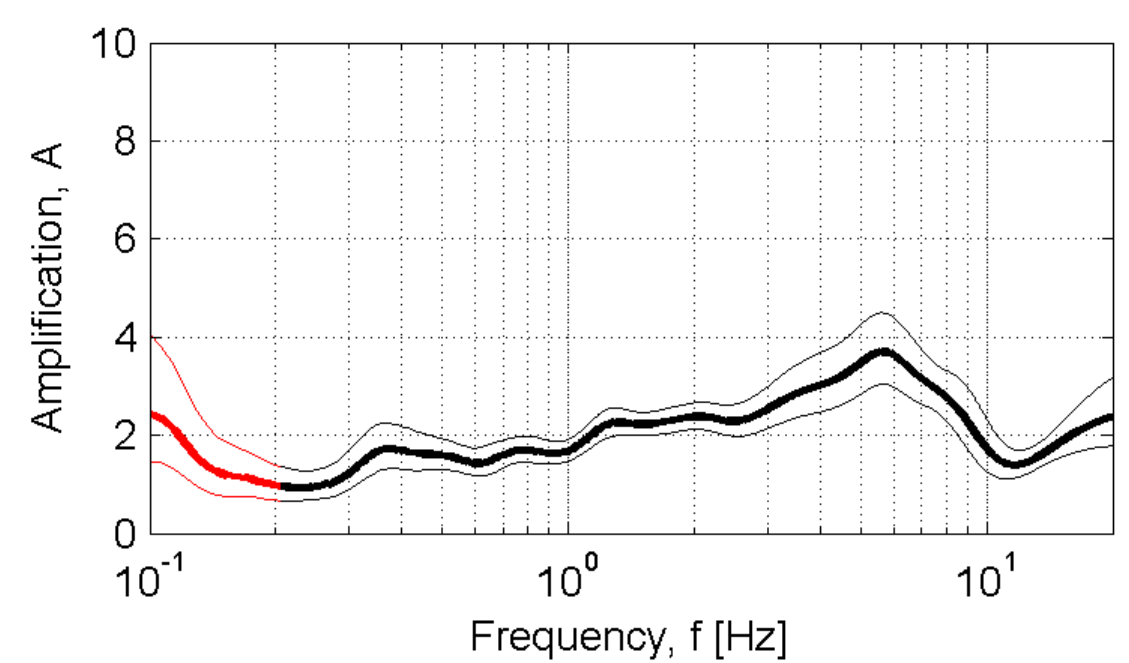
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

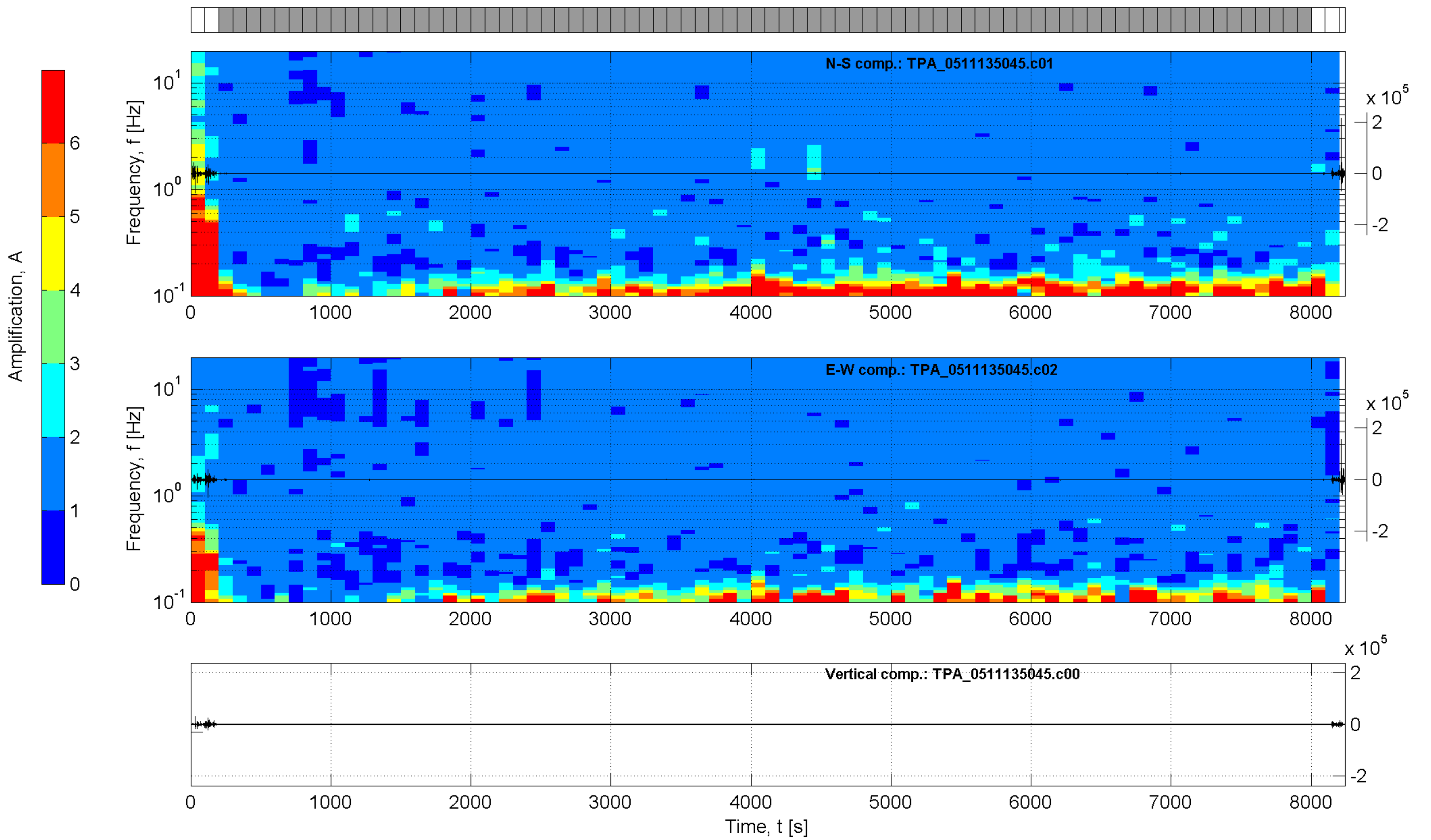
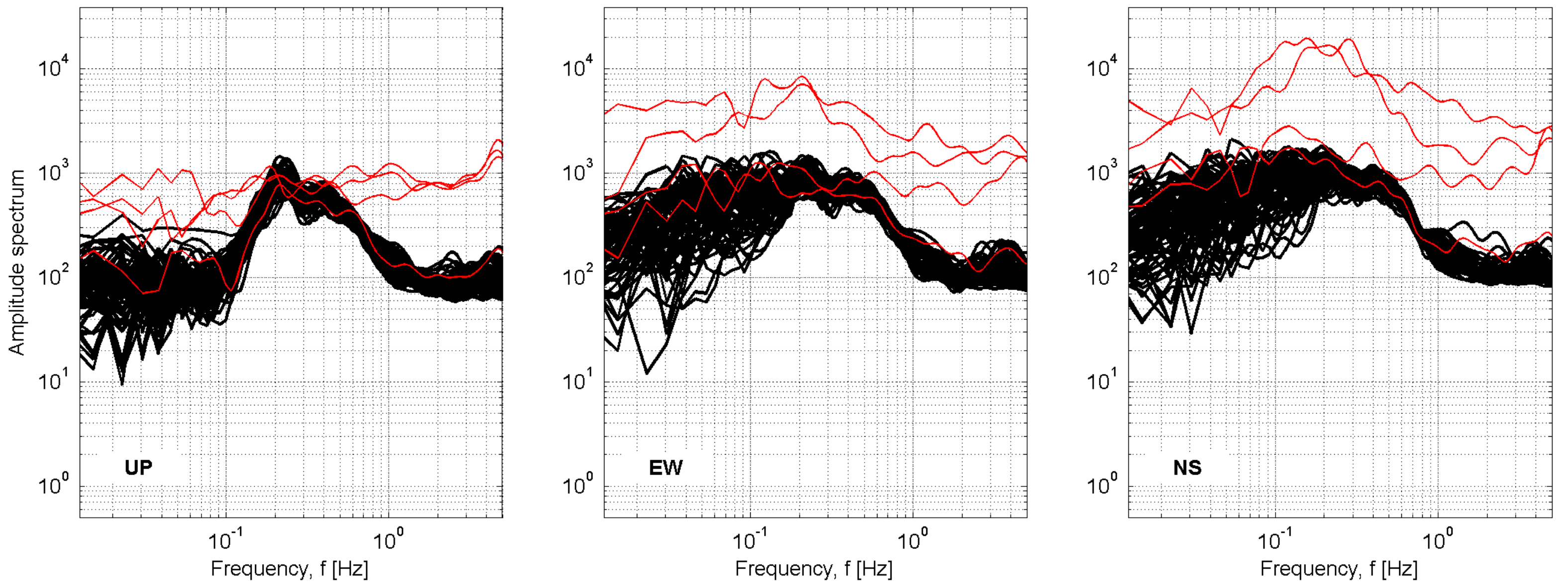
Save not filtered spectra: yes



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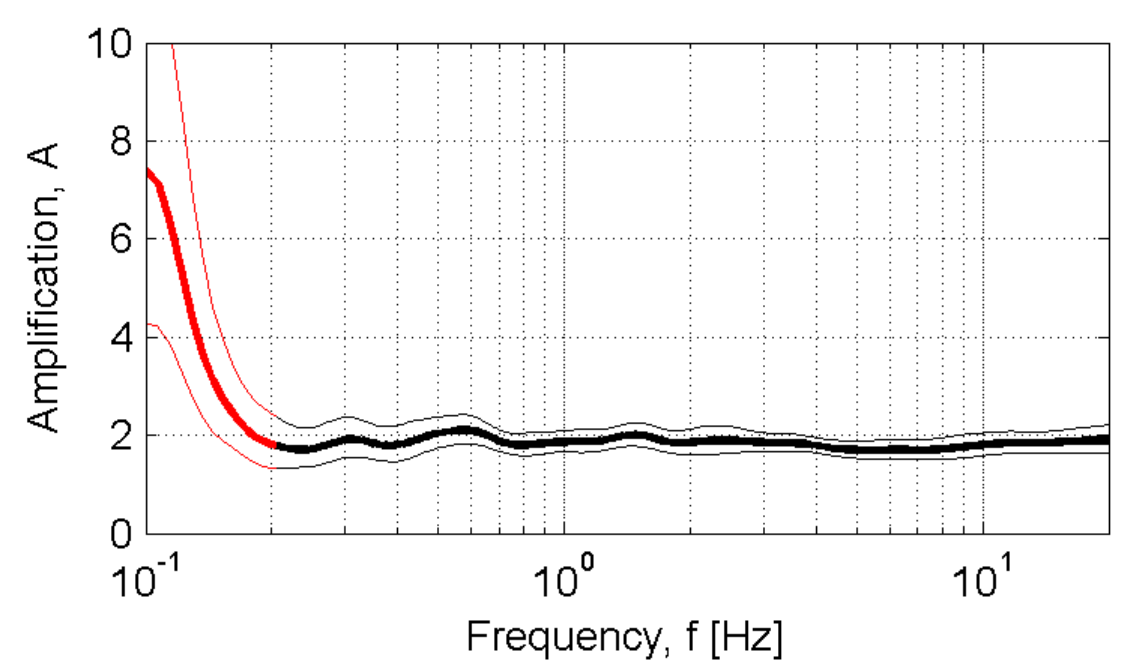


# TPA\_tropea



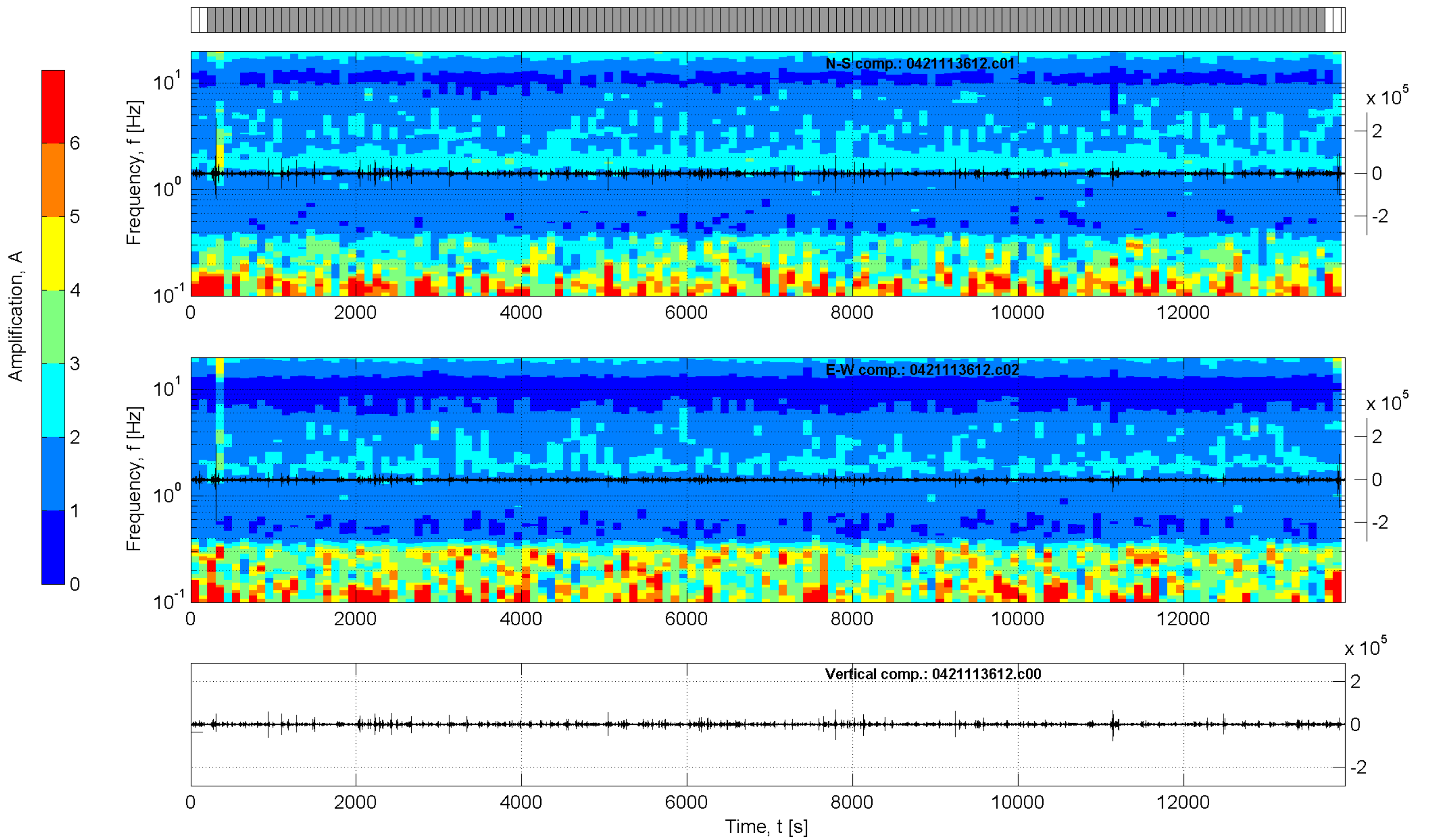
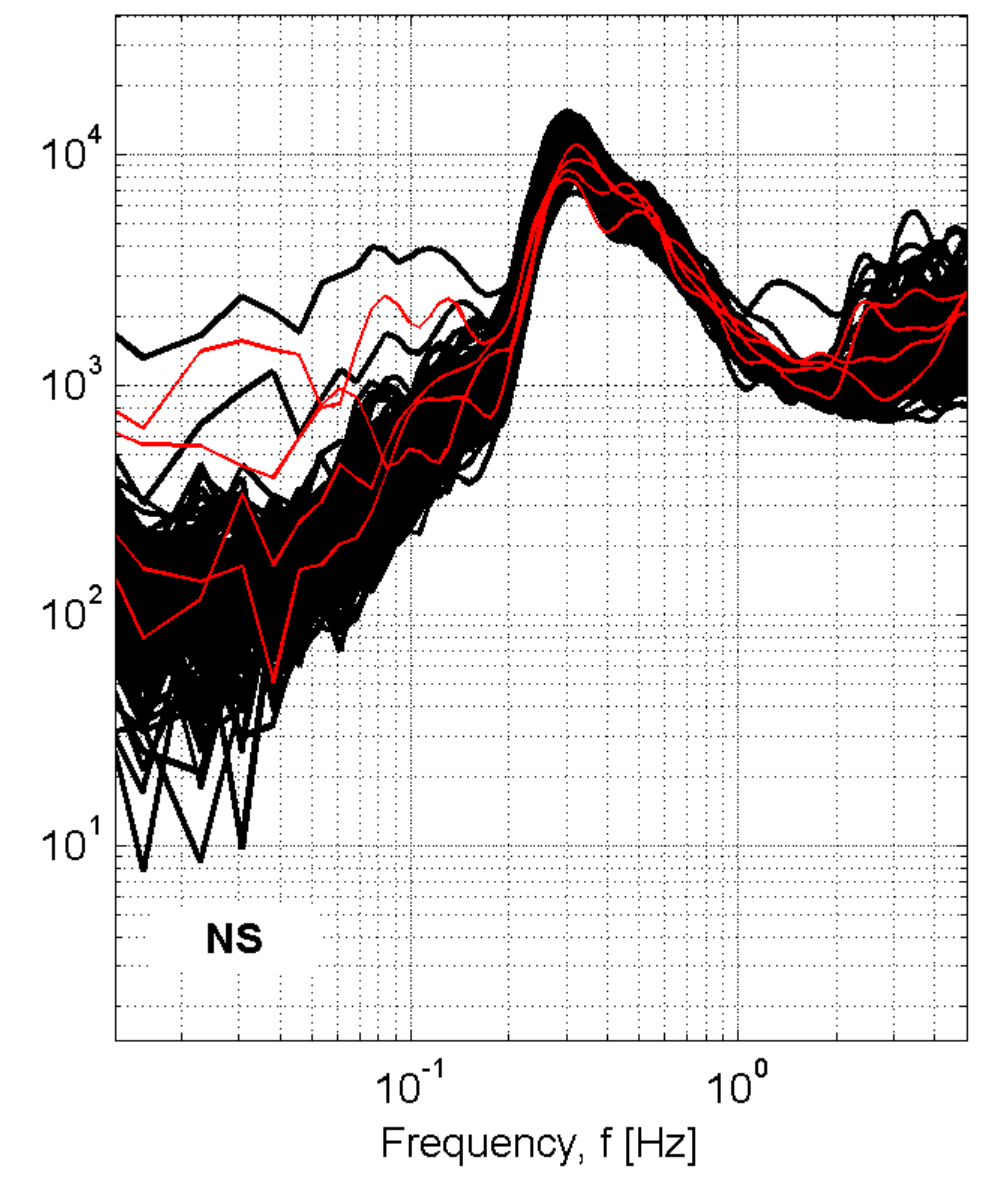
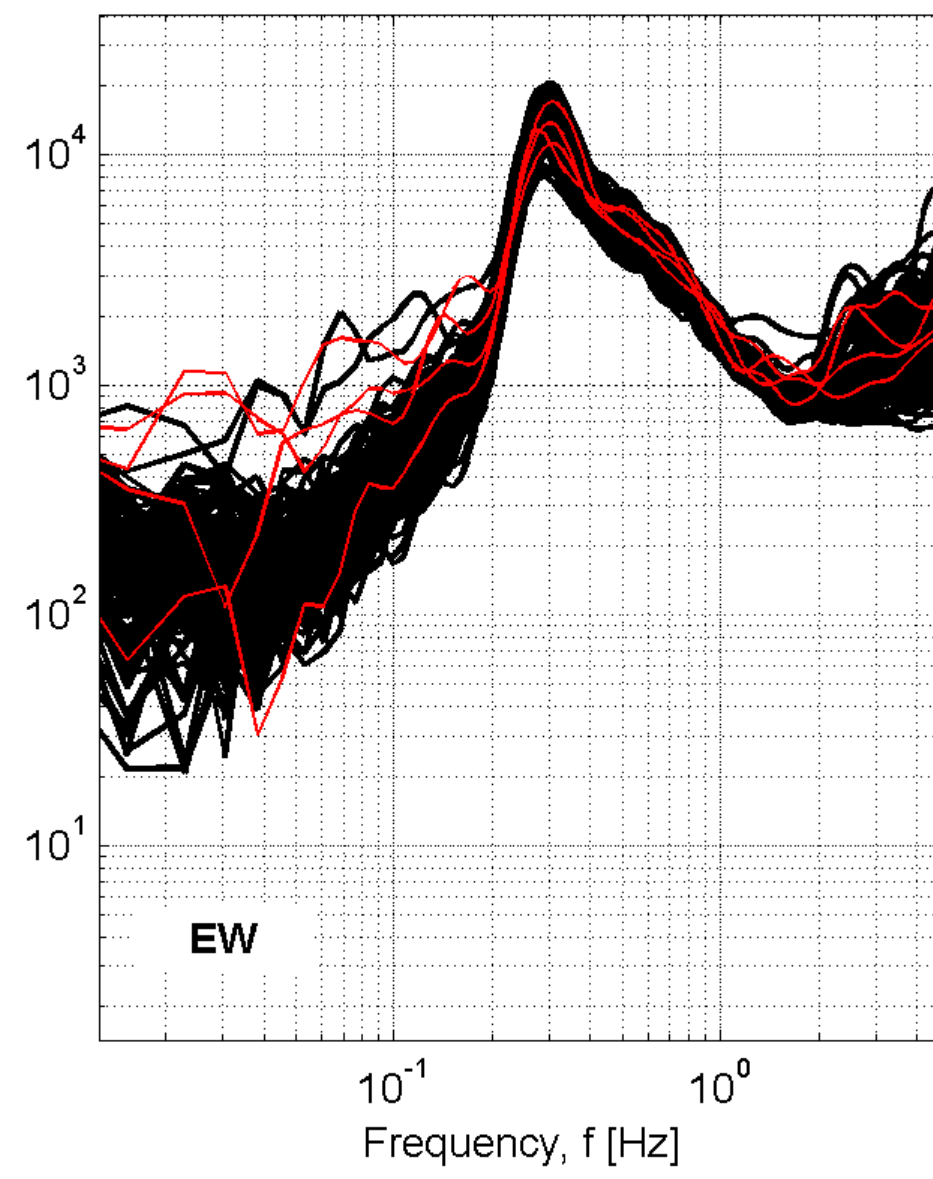
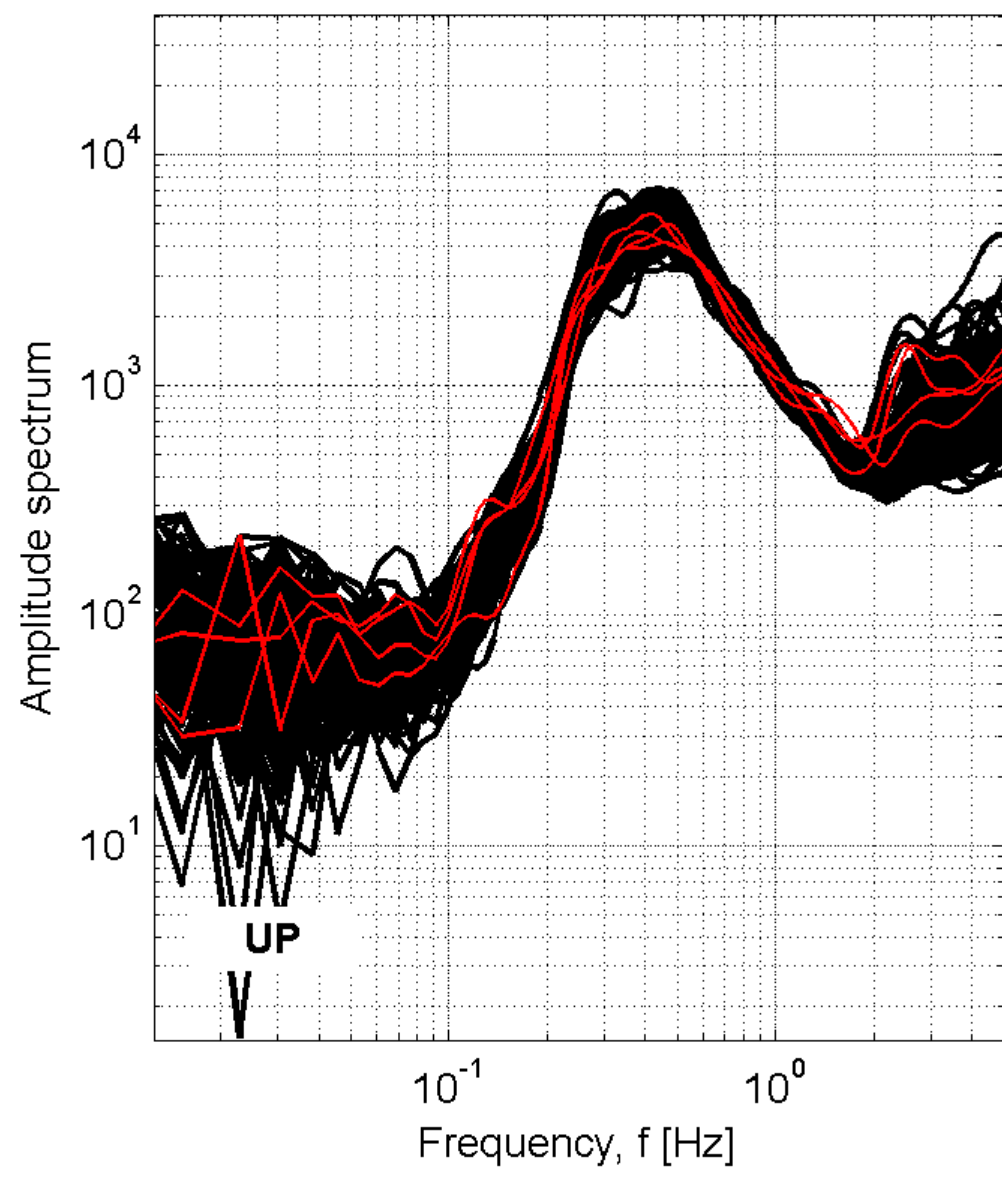
## Station: TPA\_tropea

Recording duration: 137:20 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# TPI\_Trapani



## Station: TPI\_Trapani

Recording duration: 232:24 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

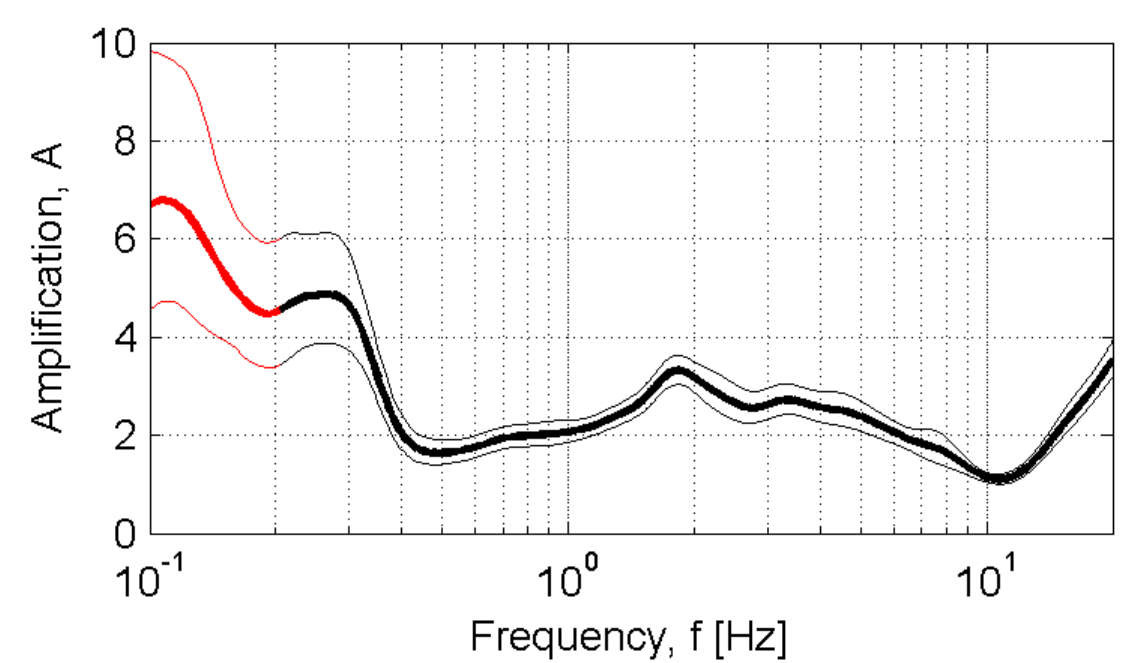
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

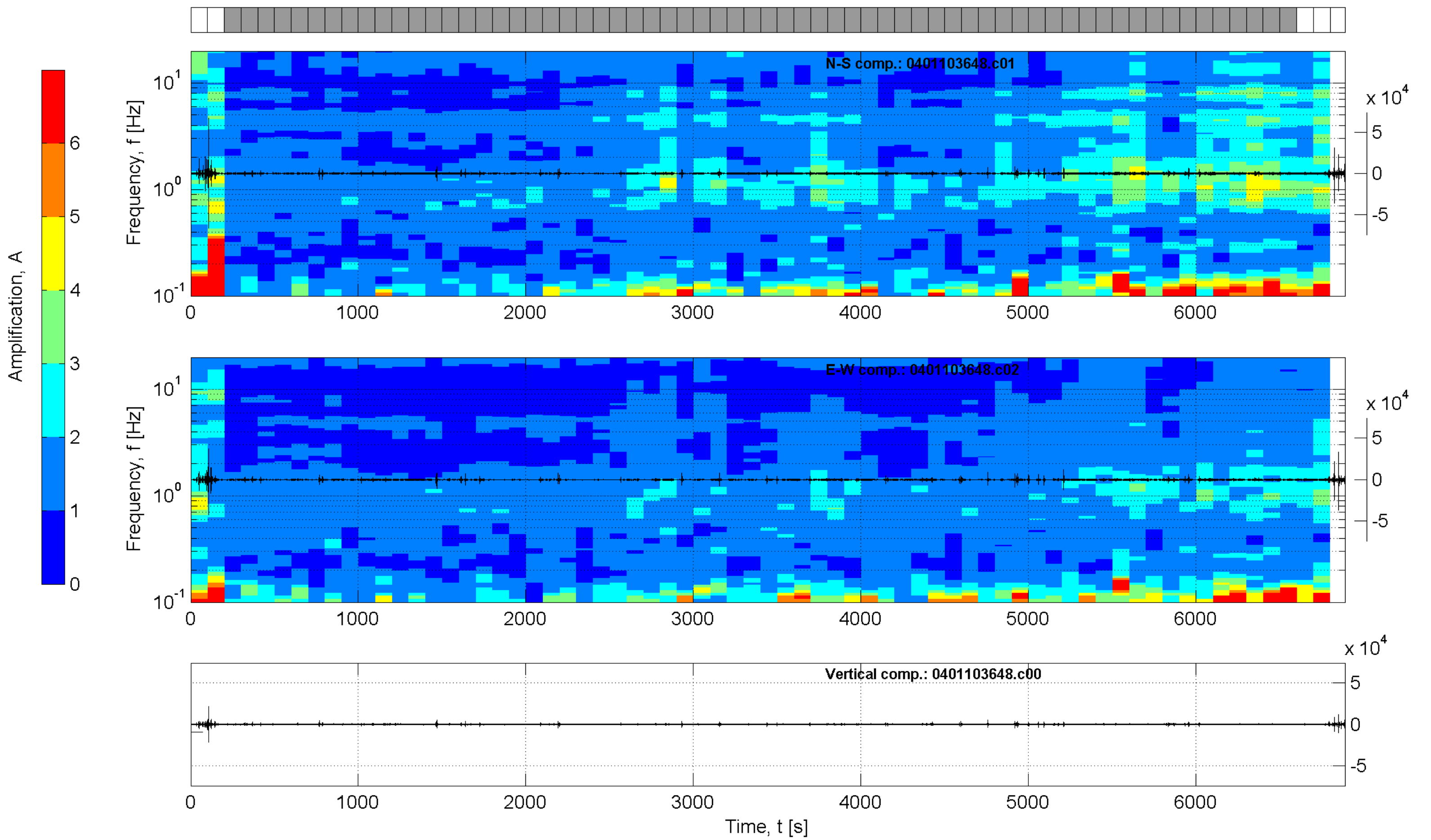
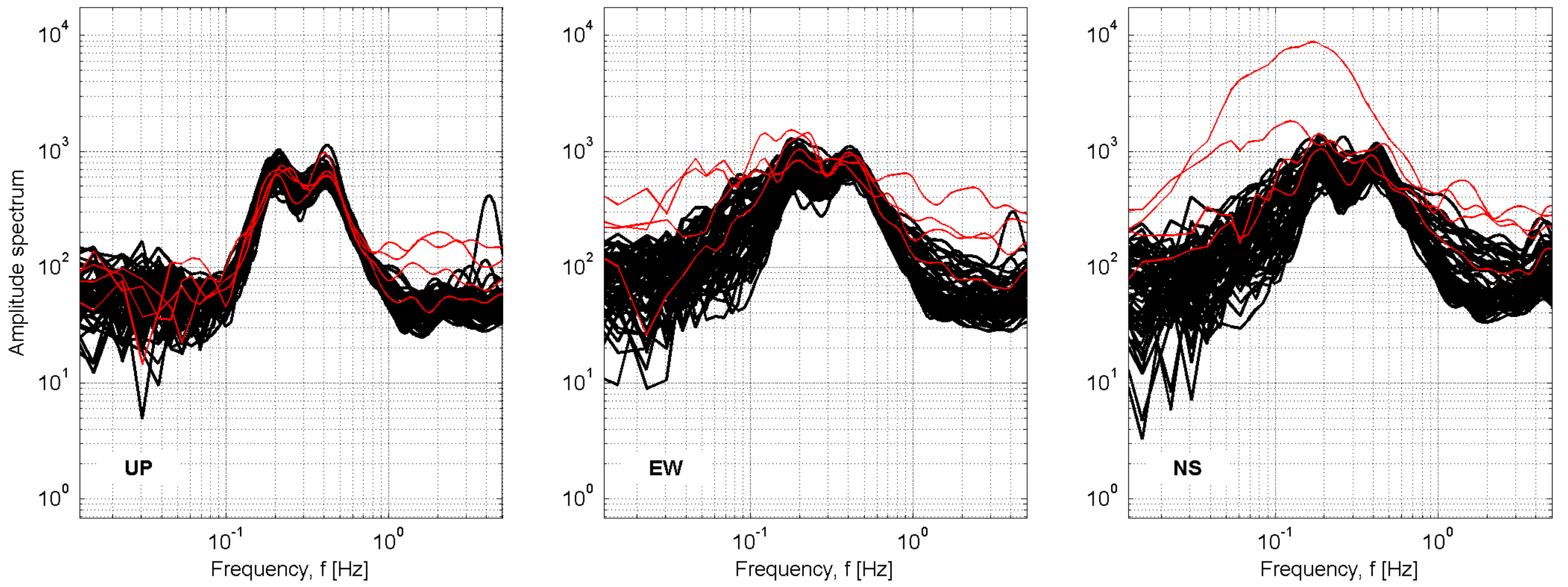
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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# TRO-Tricarico



## Station: TRO-Tricarico

Recording duration: 114:48 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

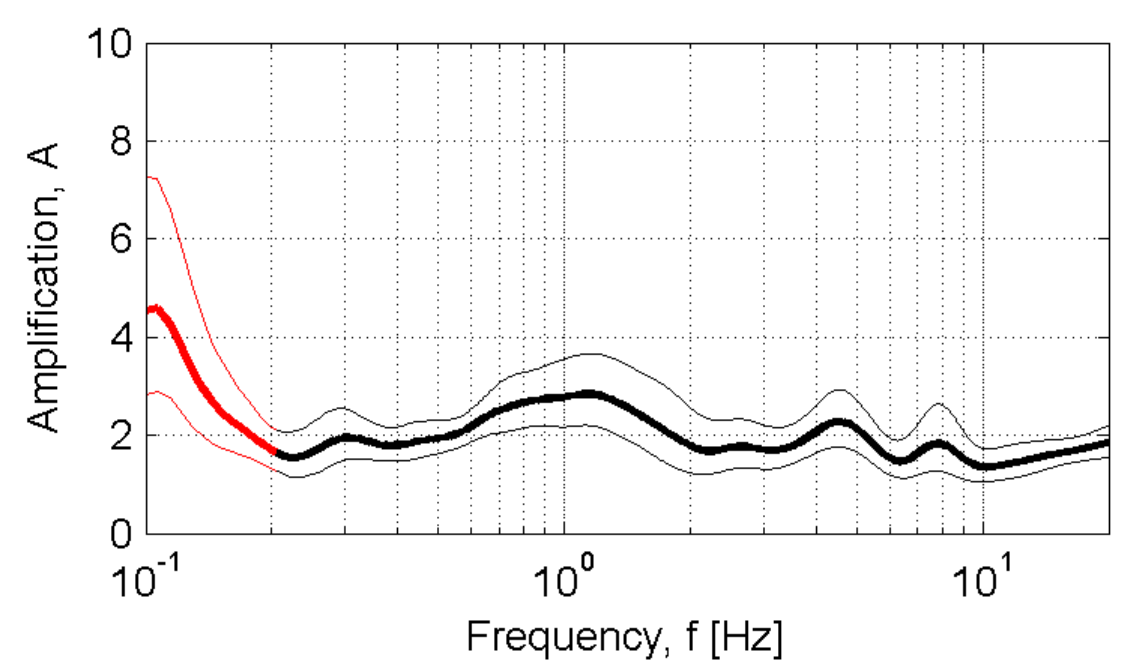
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

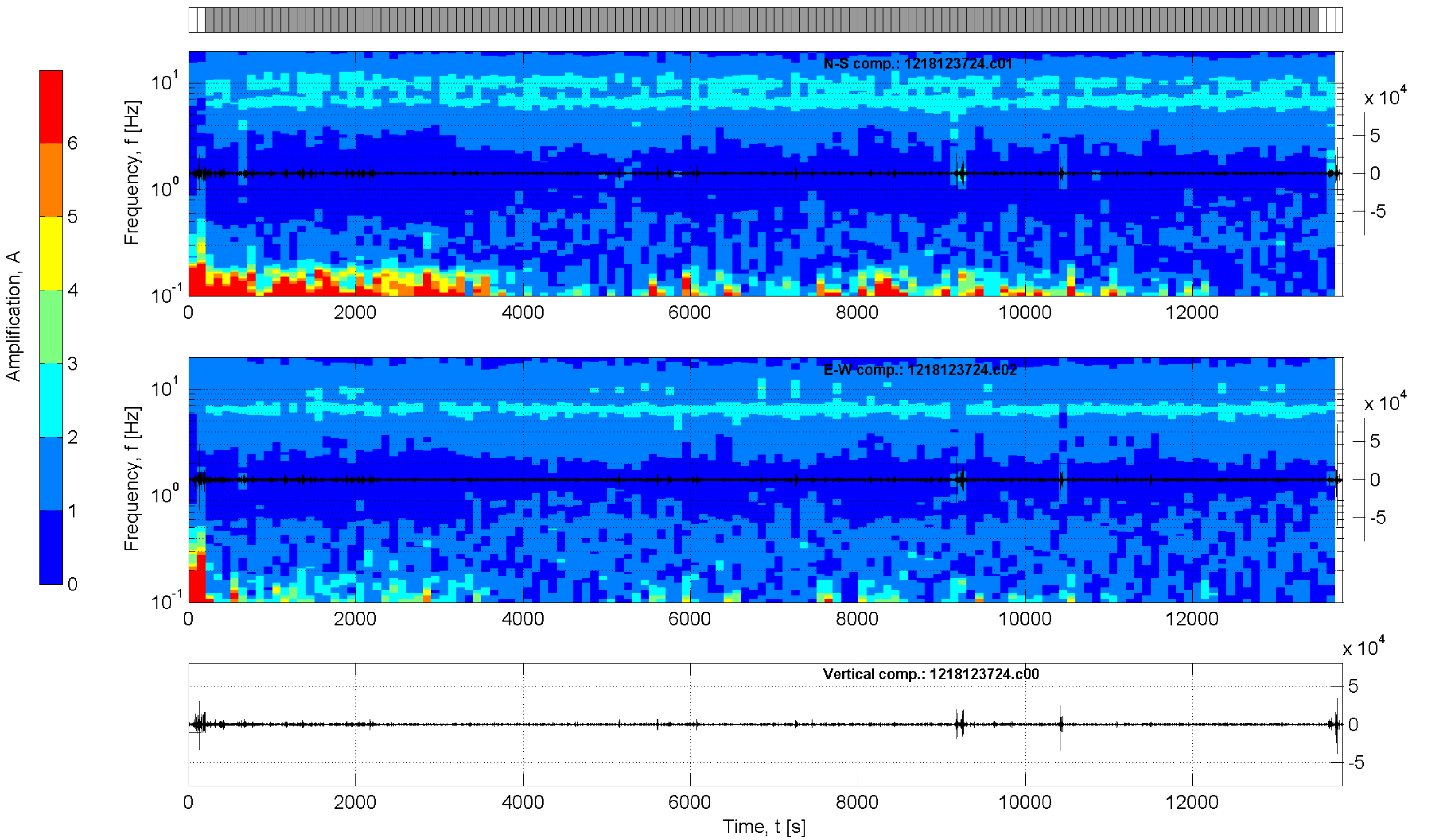
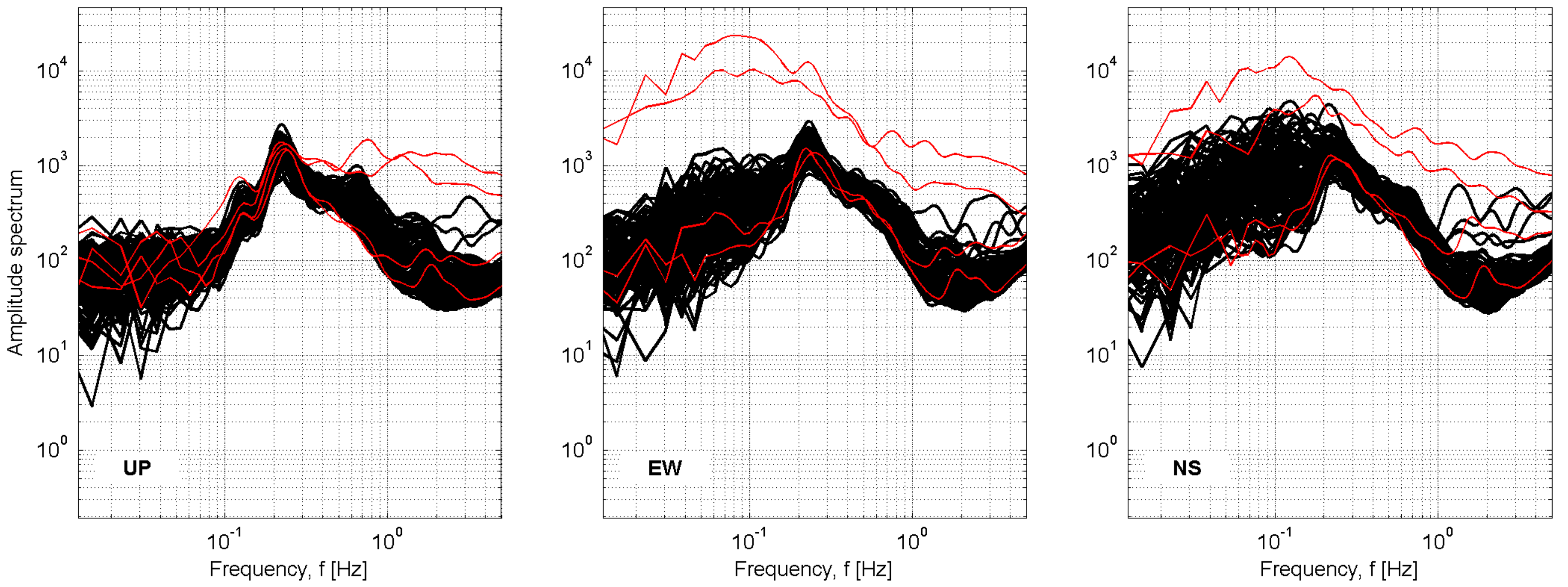
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



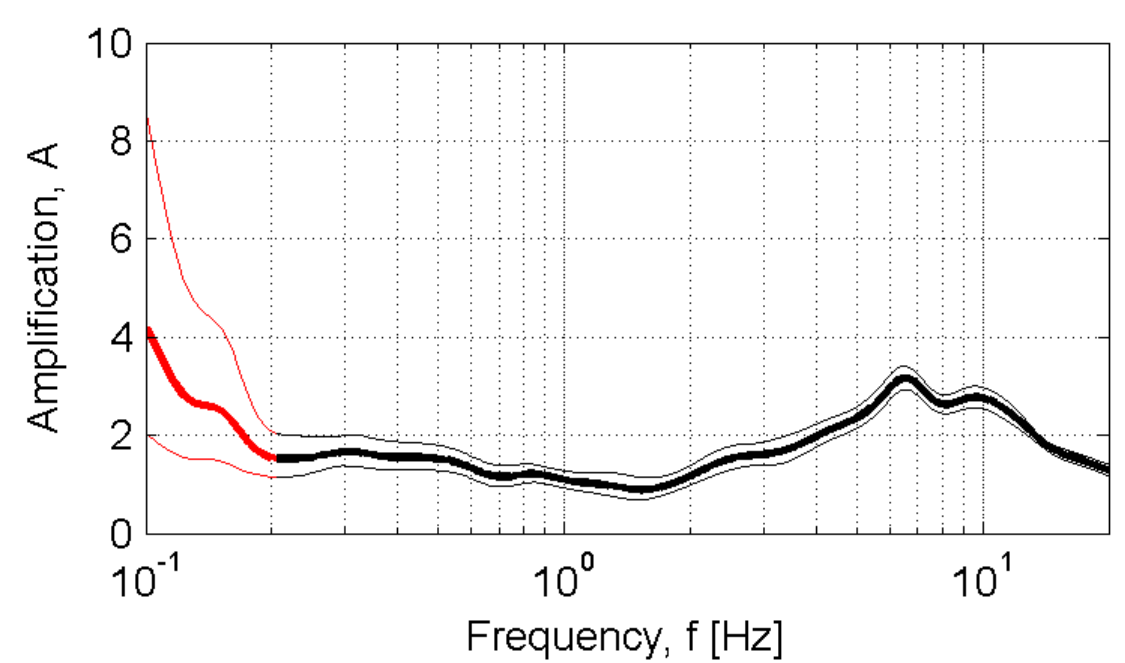
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# VBV-Vibo Valentia



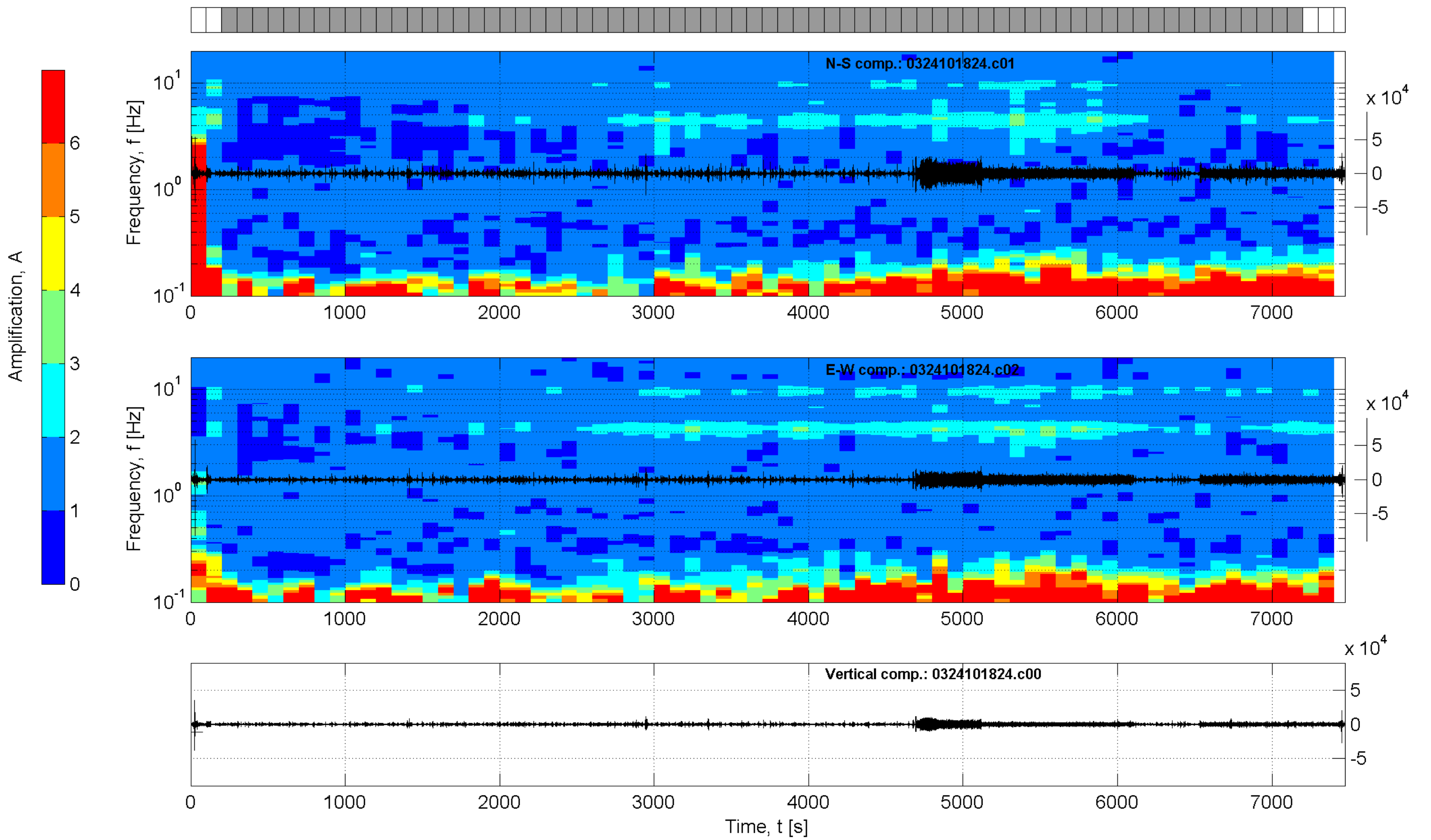
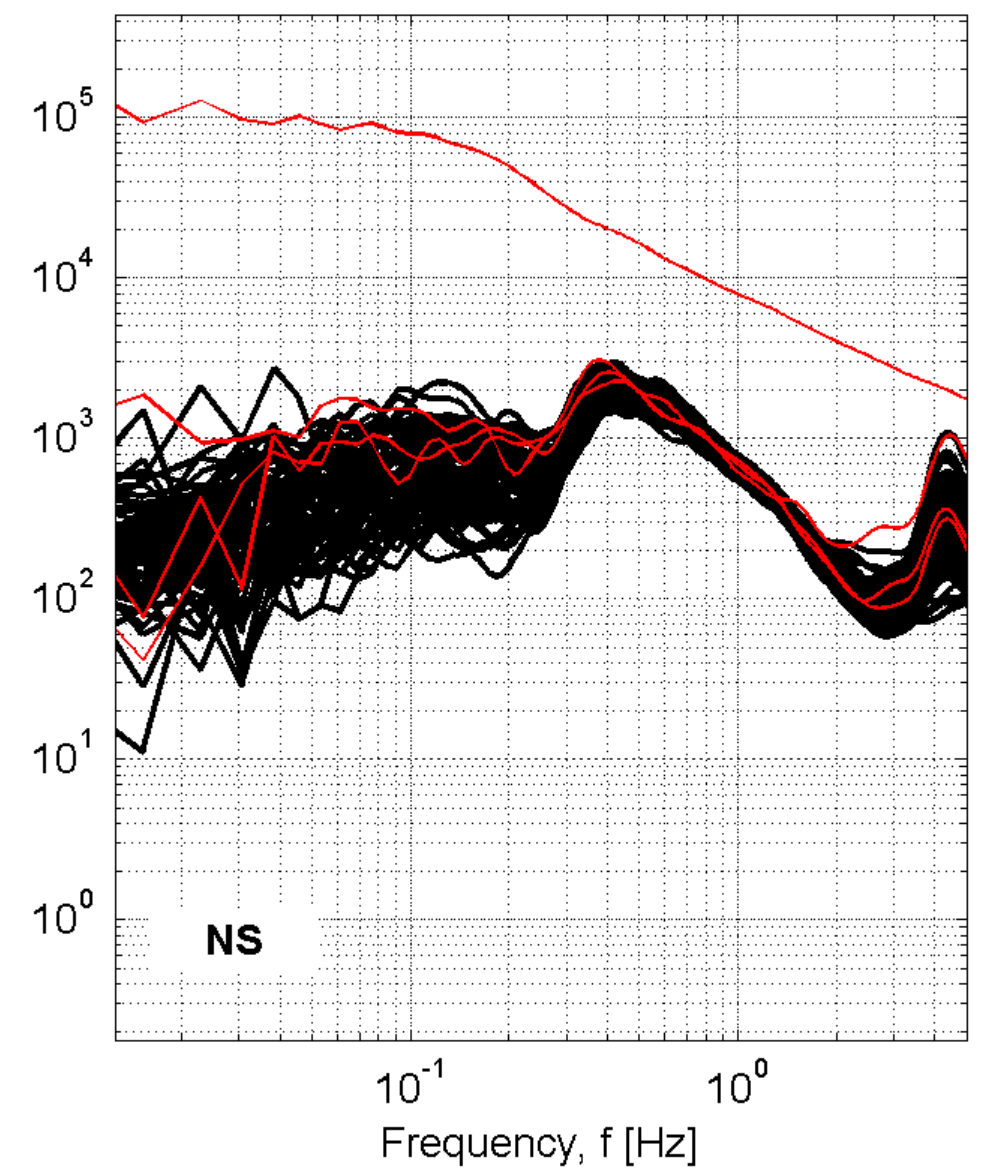
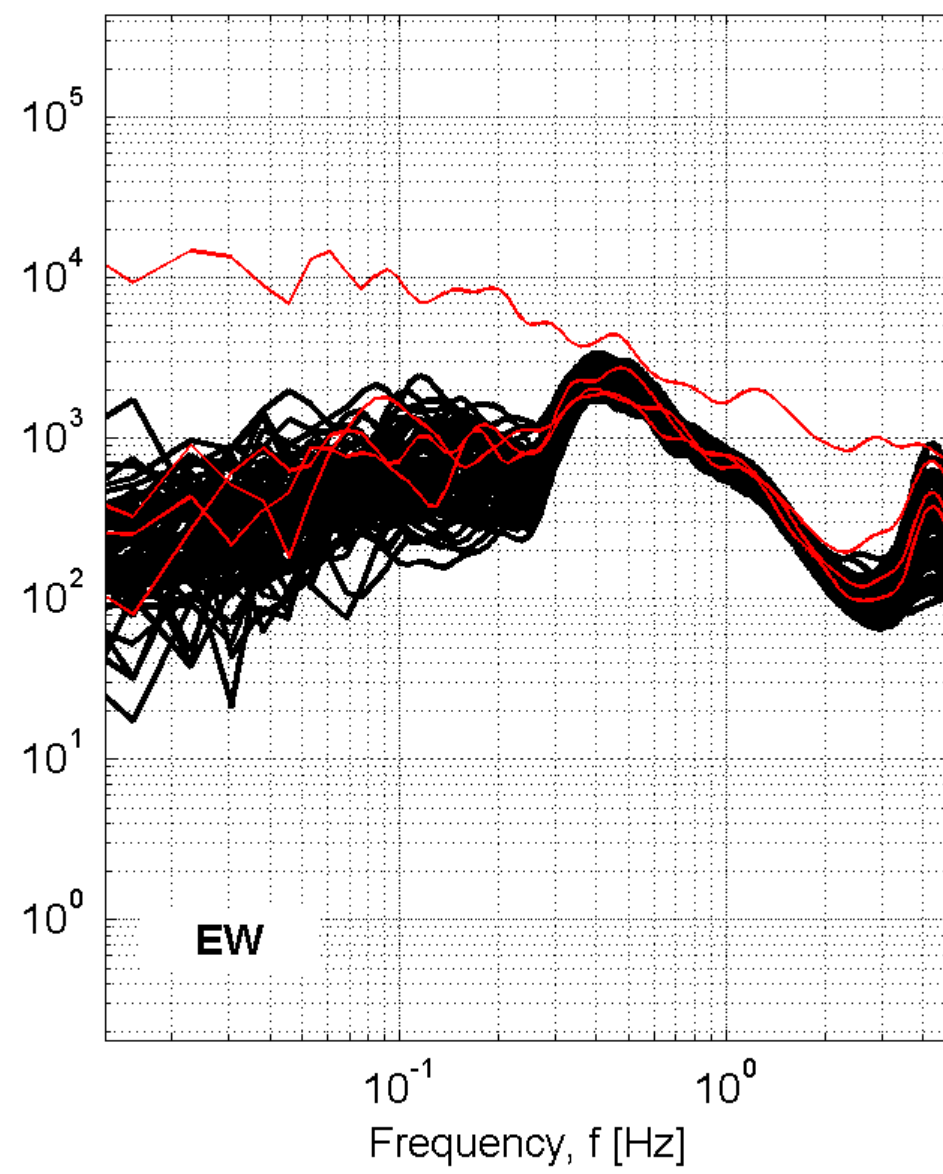
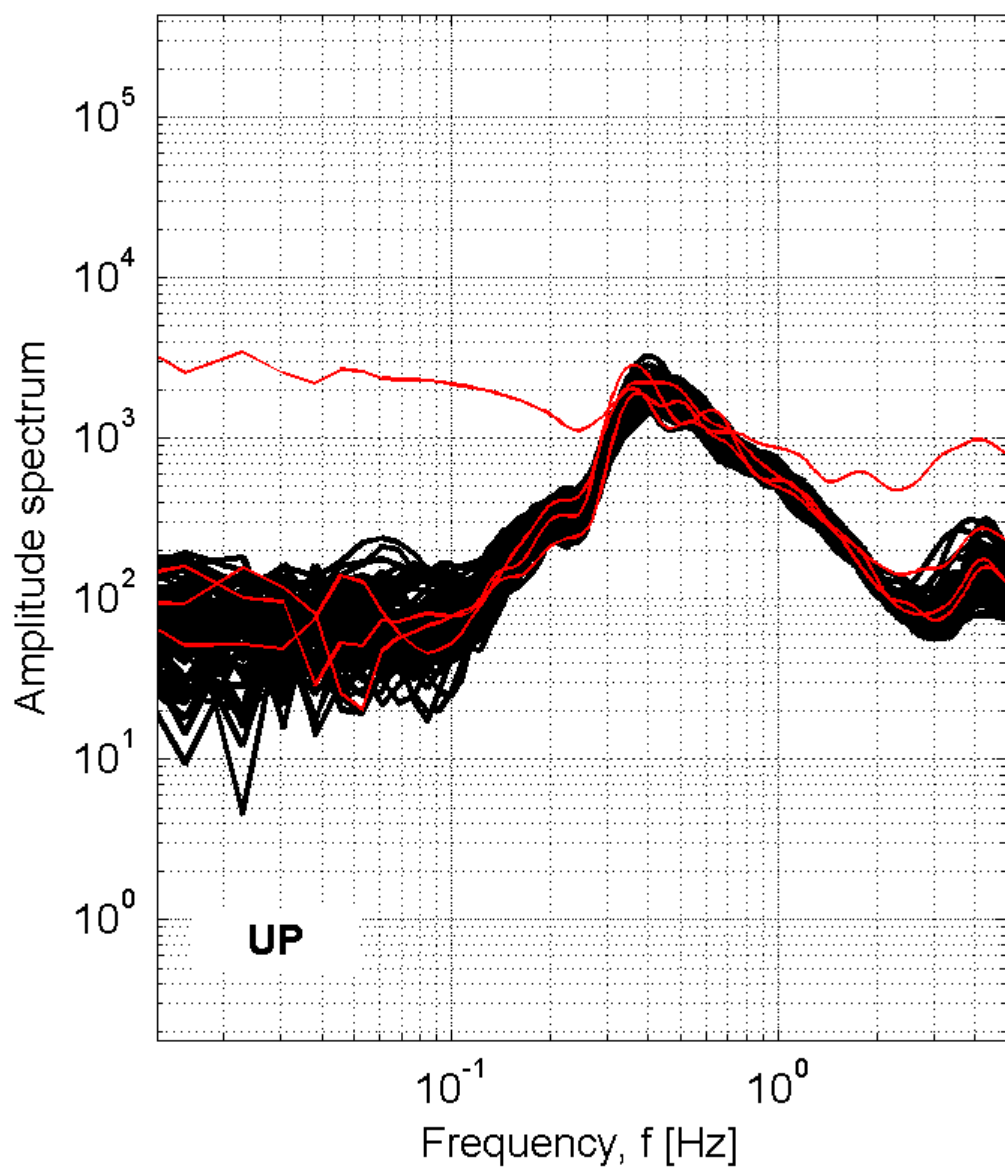
## Station: VBV-Vibo Valentia

Recording duration: 229:56 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# VIE-Vieste



## Station: VIE-Vieste

Recording duration: 124:32 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

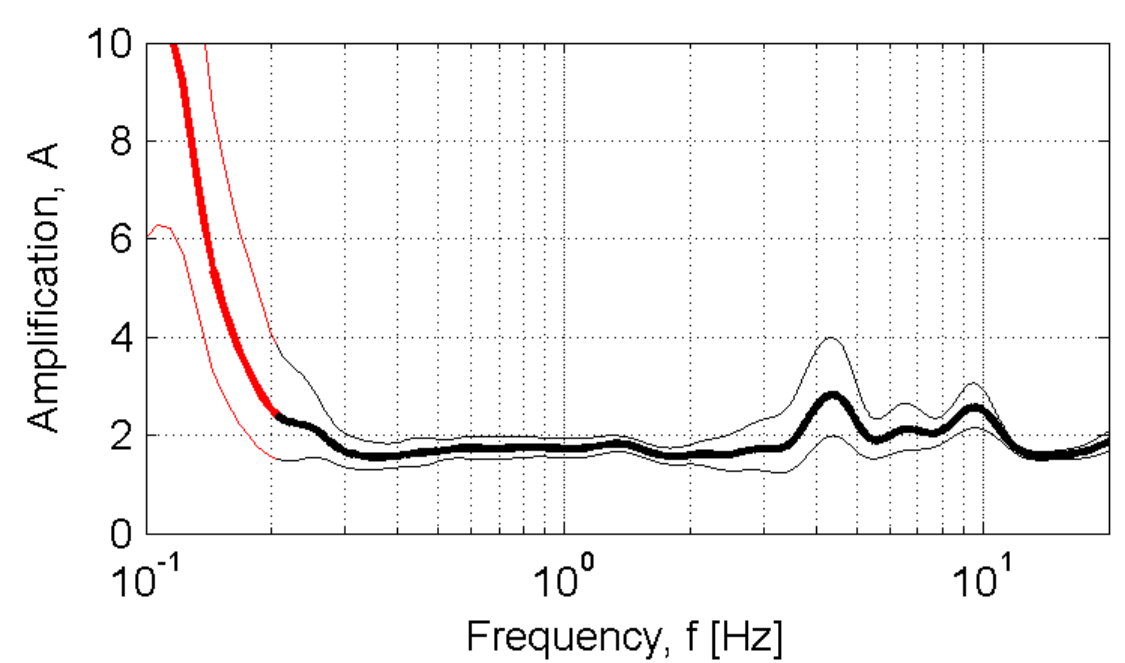
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

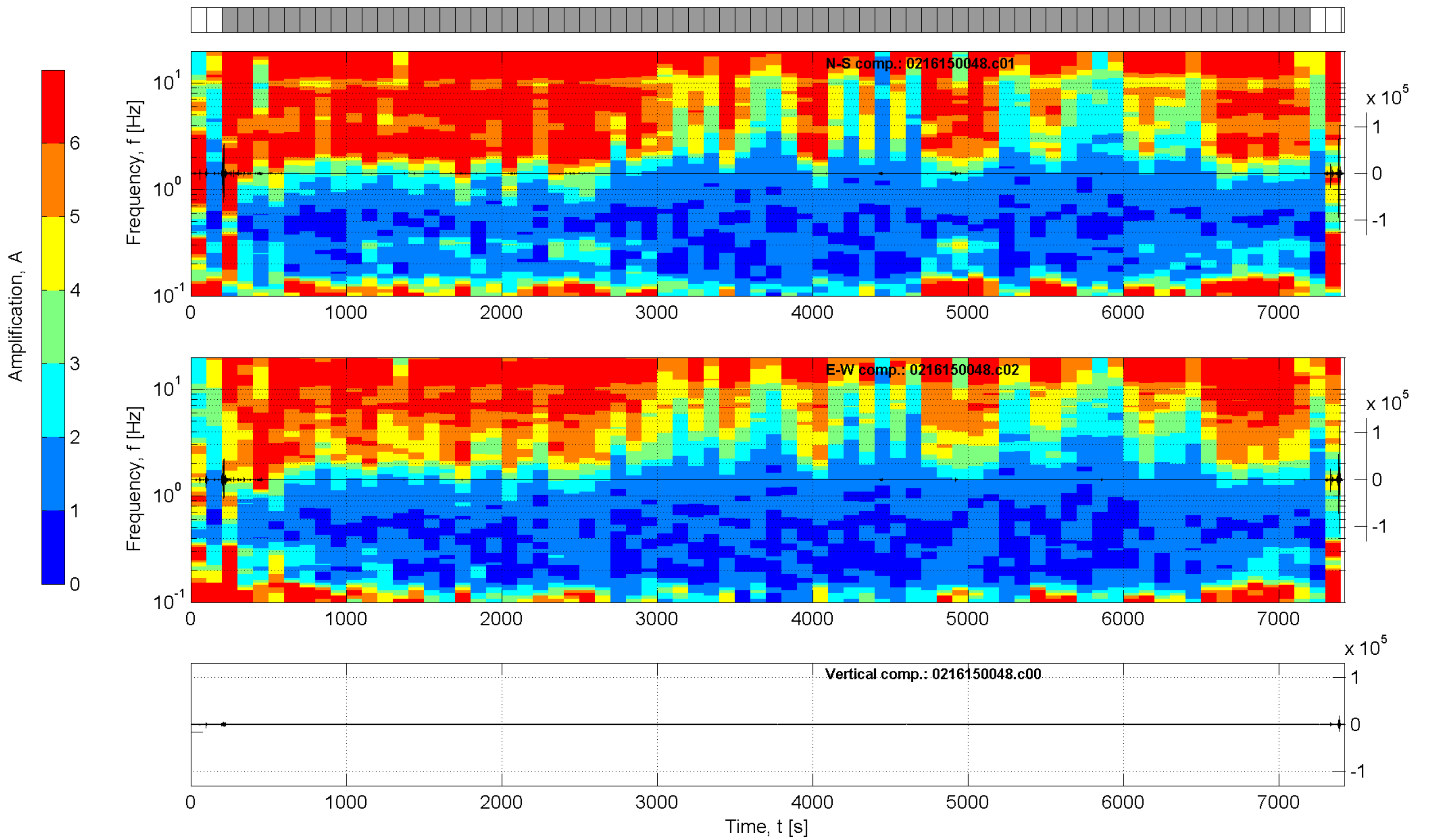
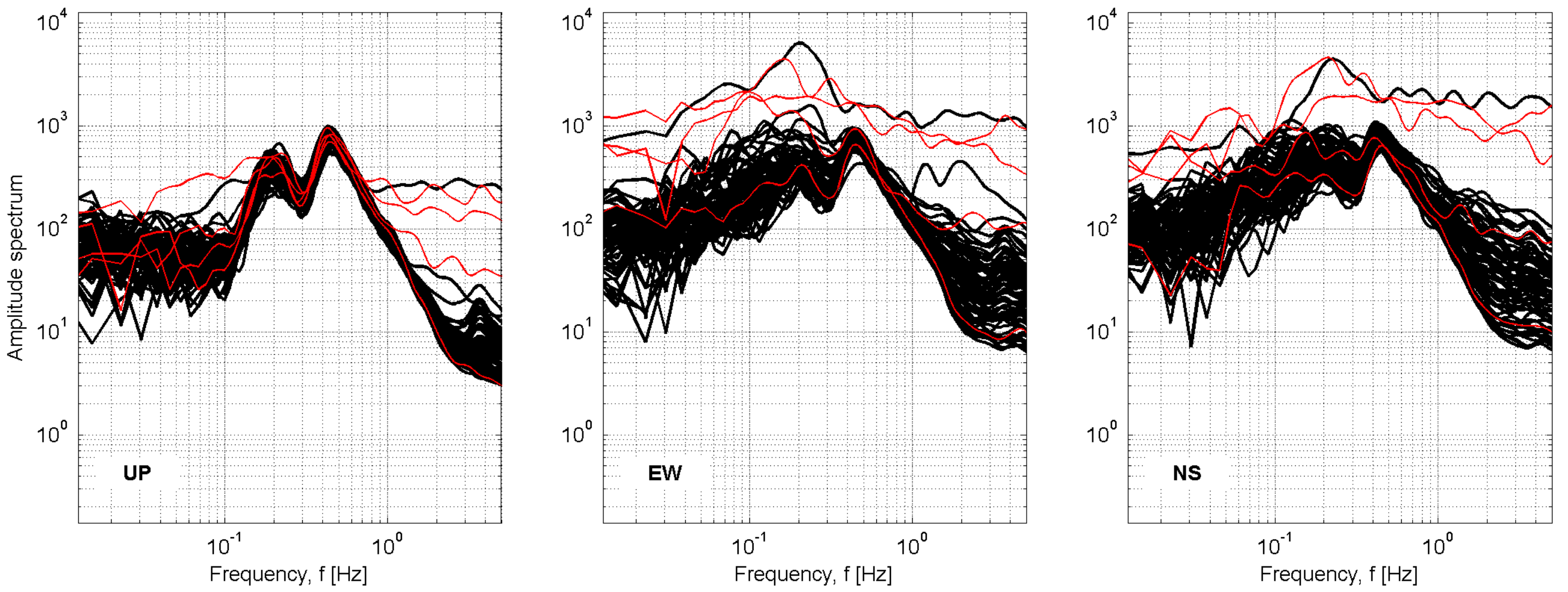
Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



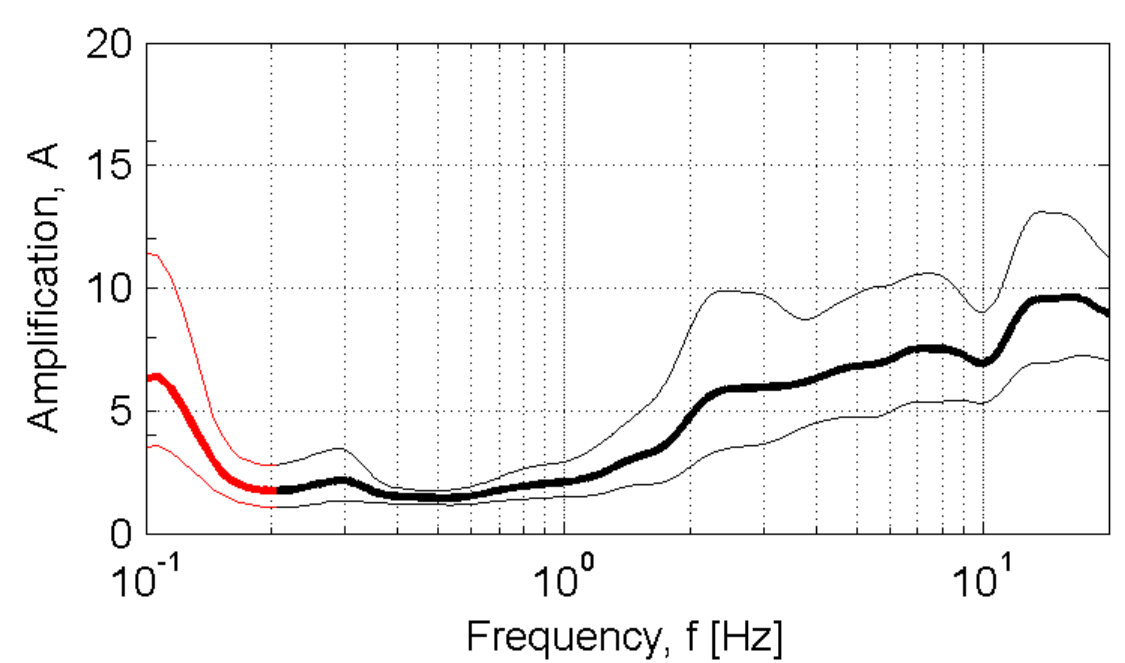
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# VRL-Varese Ligure



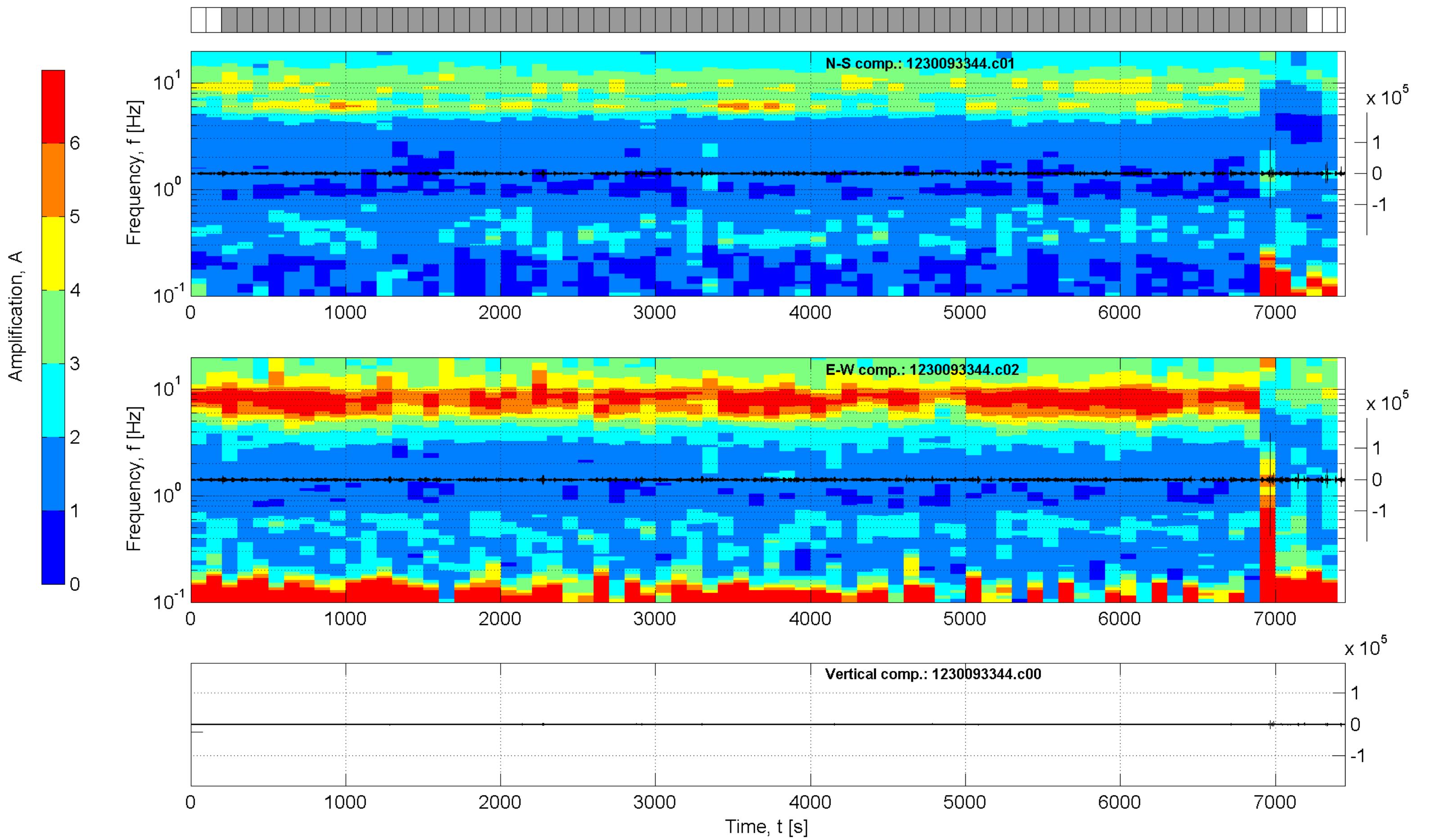
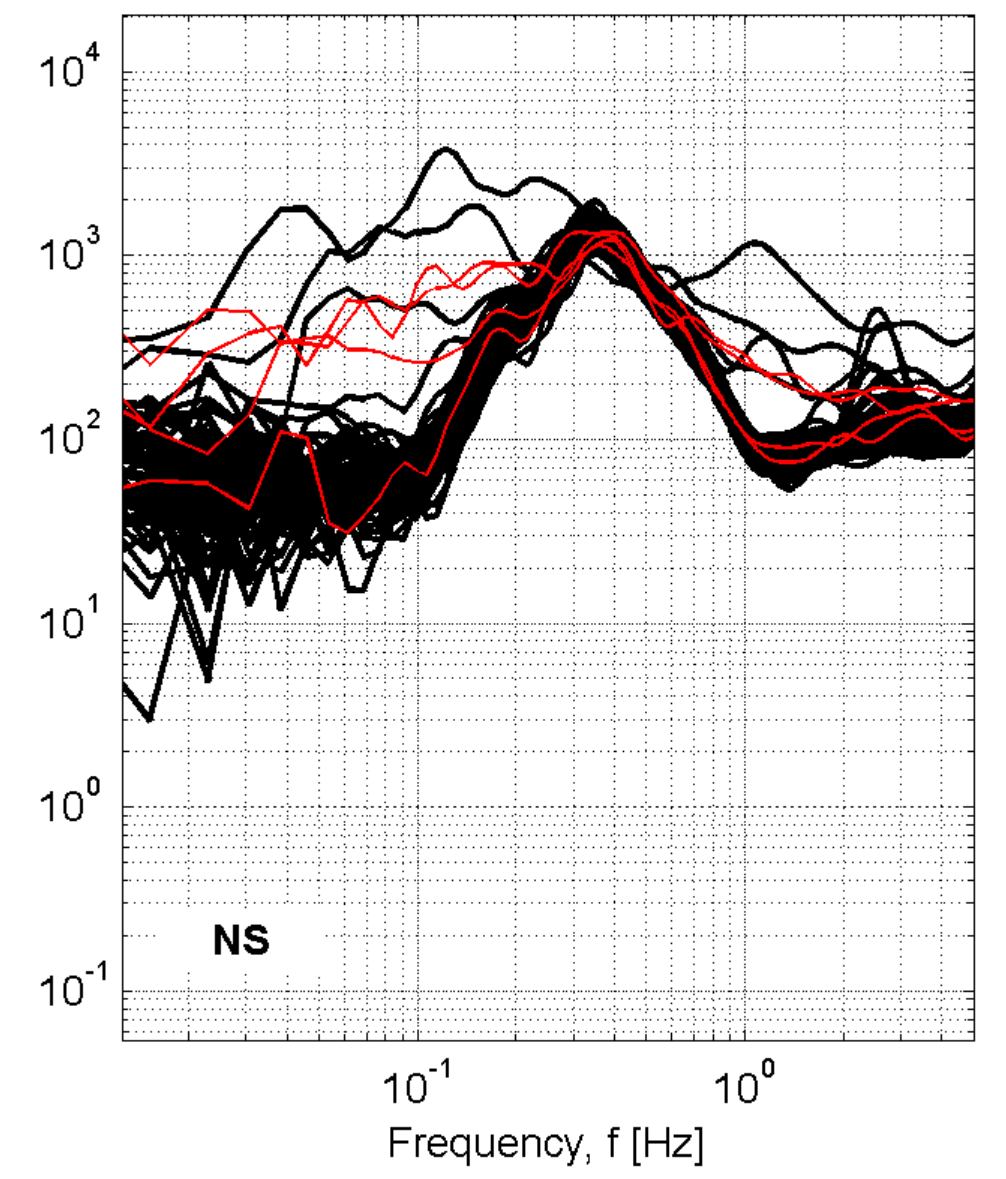
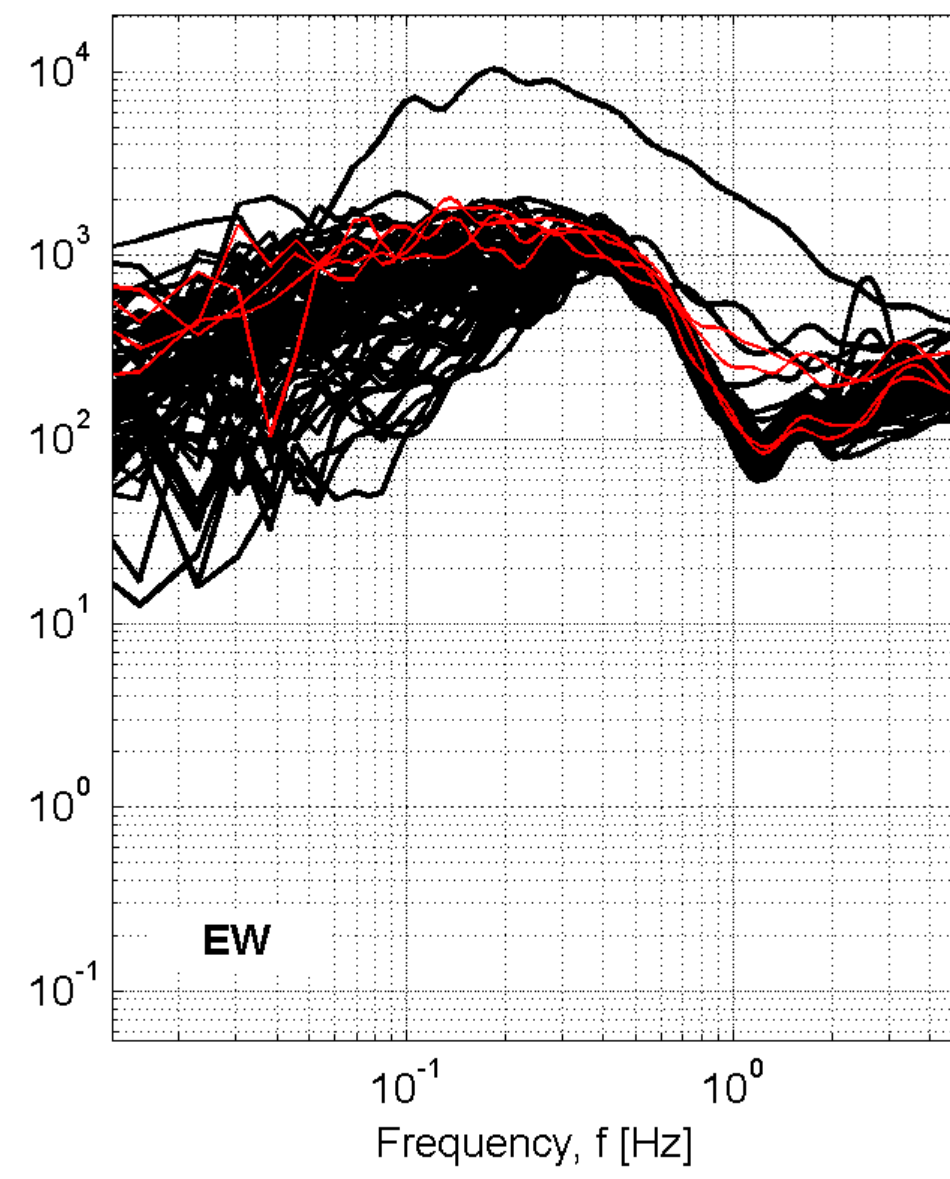
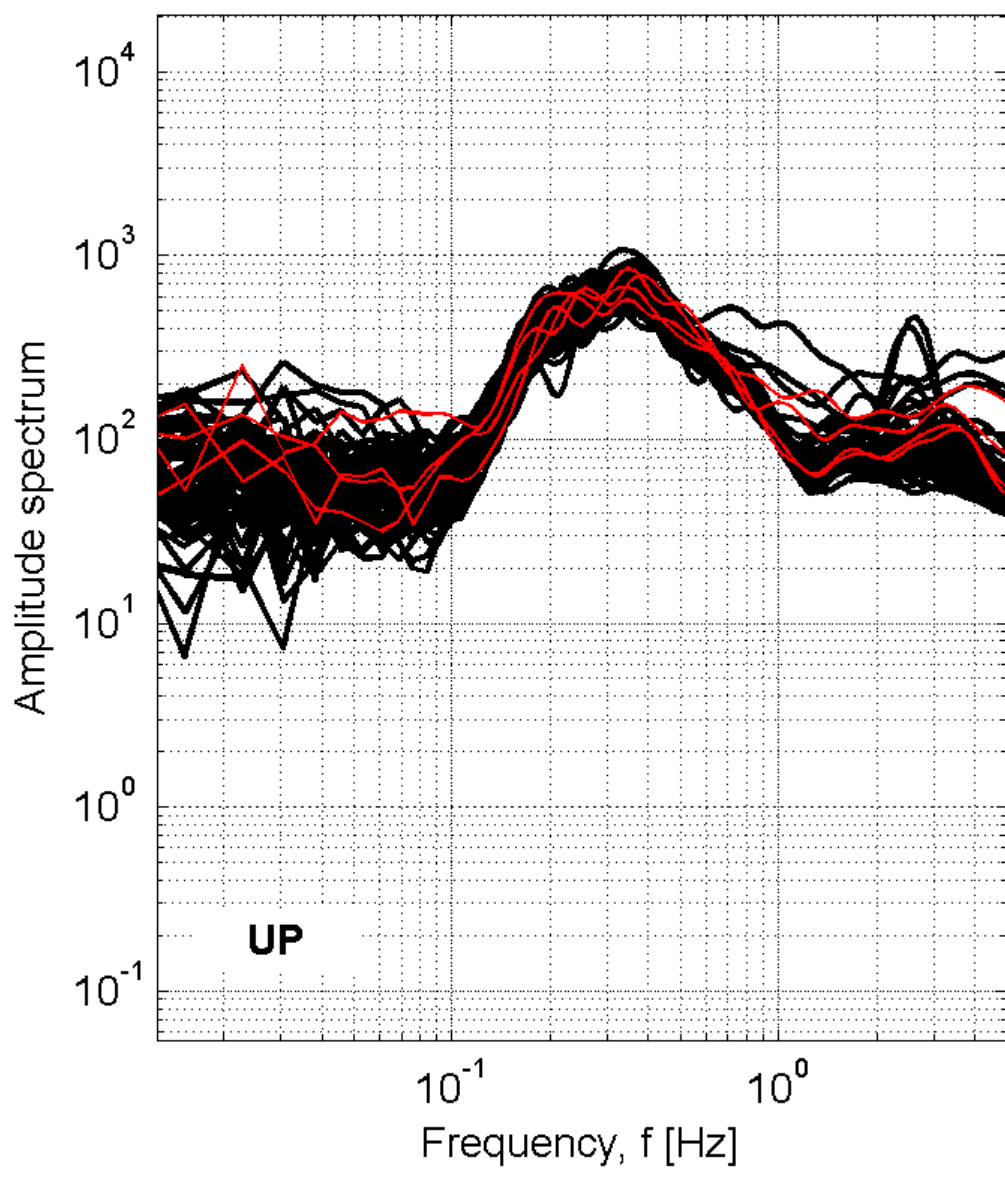
## Station: VRL-Varese Ligure

Recording duration: 123:44 [min:sec] ( dt = 0.008 [s] )  
 Window length (l<sub>w</sub>) = 100 [s]  
 Minimum expected f<sub>0</sub> = 0.2 [Hz]  
 Deconvolution: no  
 Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4  
 Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20  
 Save not filtered spectra: yes



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# VRP-Vairano Patenora



## Station: VRP-Vairano Patenora

Recording duration: 124:08 [min:sec] ( dt = 0.008 [s] )

Window length (l<sub>w</sub>) = 100 [s]

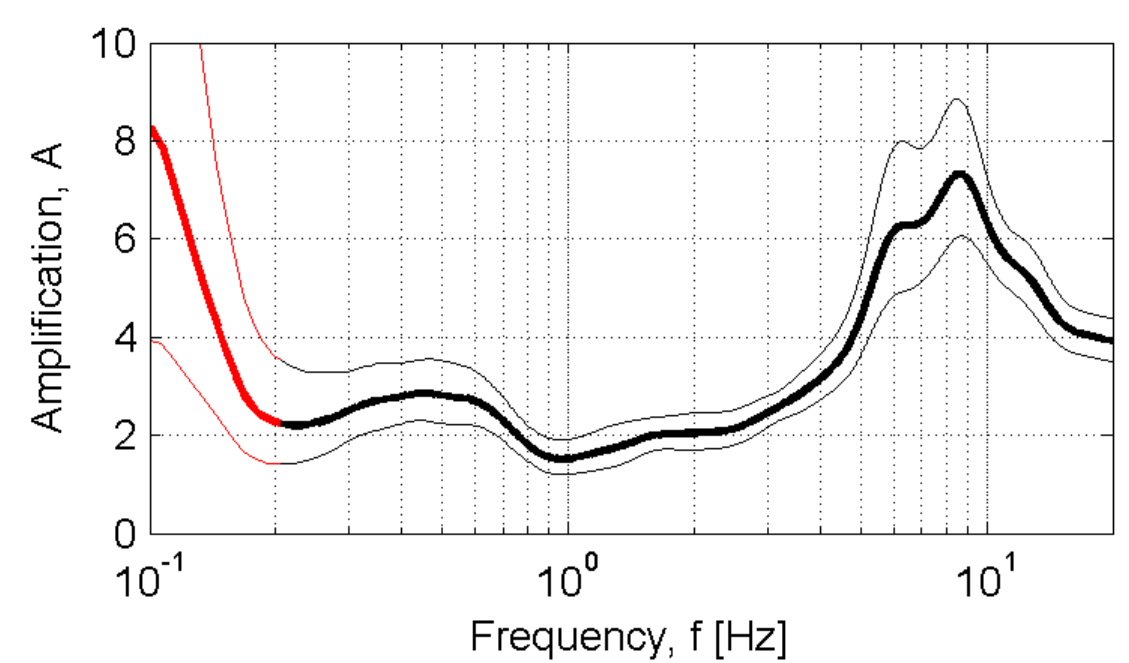
Minimum expected f<sub>0</sub> = 0.2 [Hz]

Deconvolution: no

Butterworth filter: LP = 0.1 [Hz] - HP = 20 [Hz] - ord. = 4

Taper: 5 [%] - Konno & Ohmachi smoothing: b = 20

Save not filtered spectra: yes



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