

# RED NACIONAL DE ACELEROGRAFOS

## REGISTROS DEL TERREMOTO

Mw=7.9

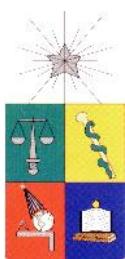
13 de Junio 2005

Rubén Boroschek K

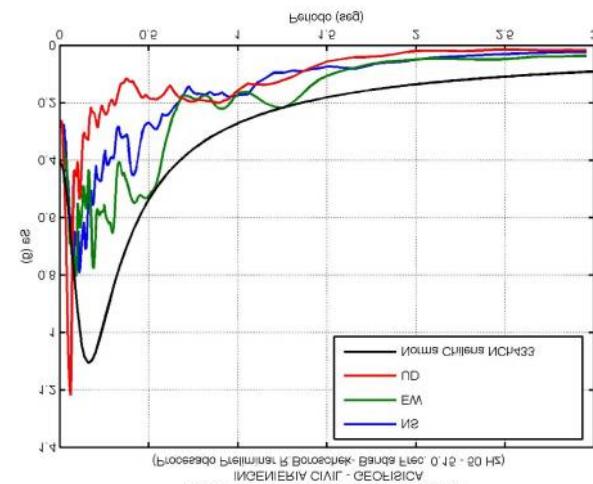
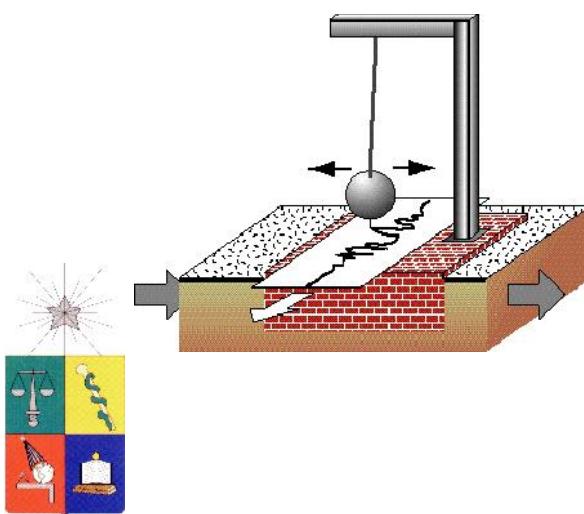
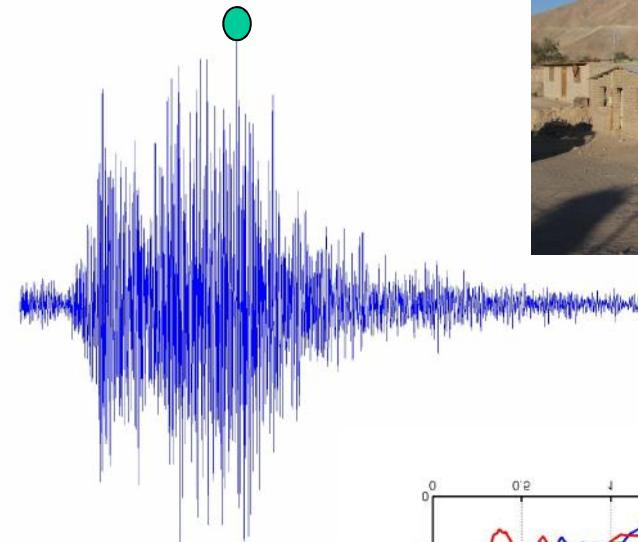
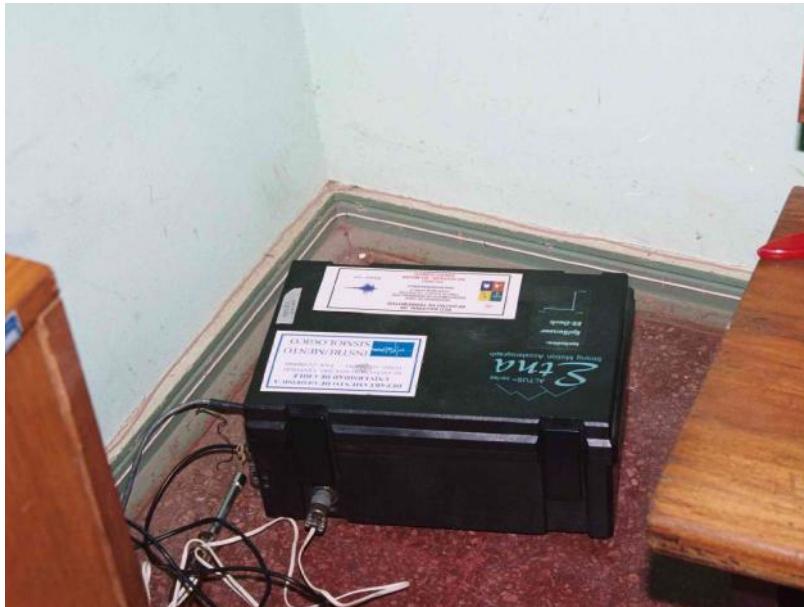
Departamento Ingeniería Civil

Facultad de Ciencias Físicas y Matemáticas

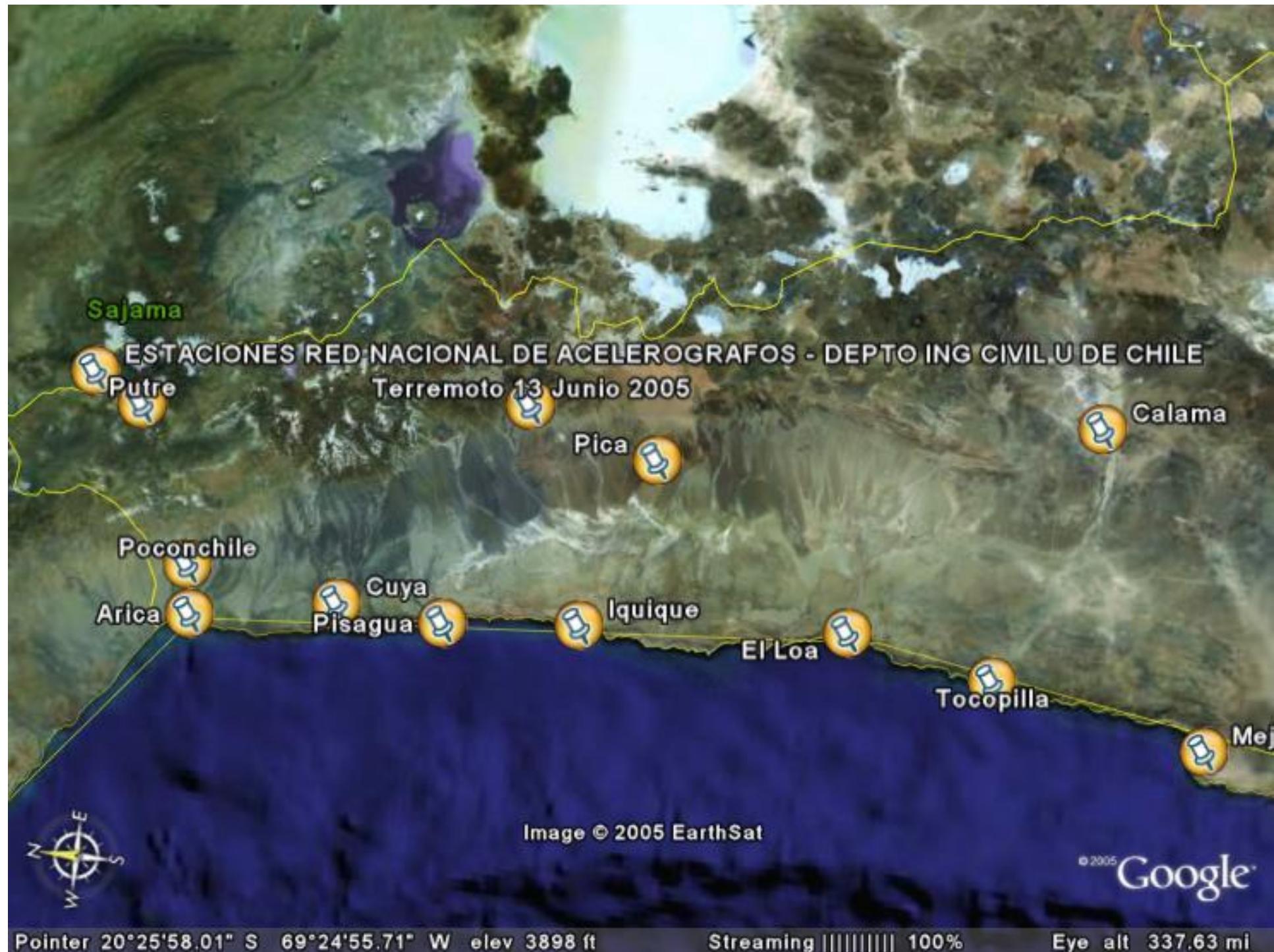
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# POR QUE ACELEROGRAFOS?

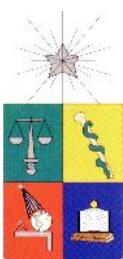


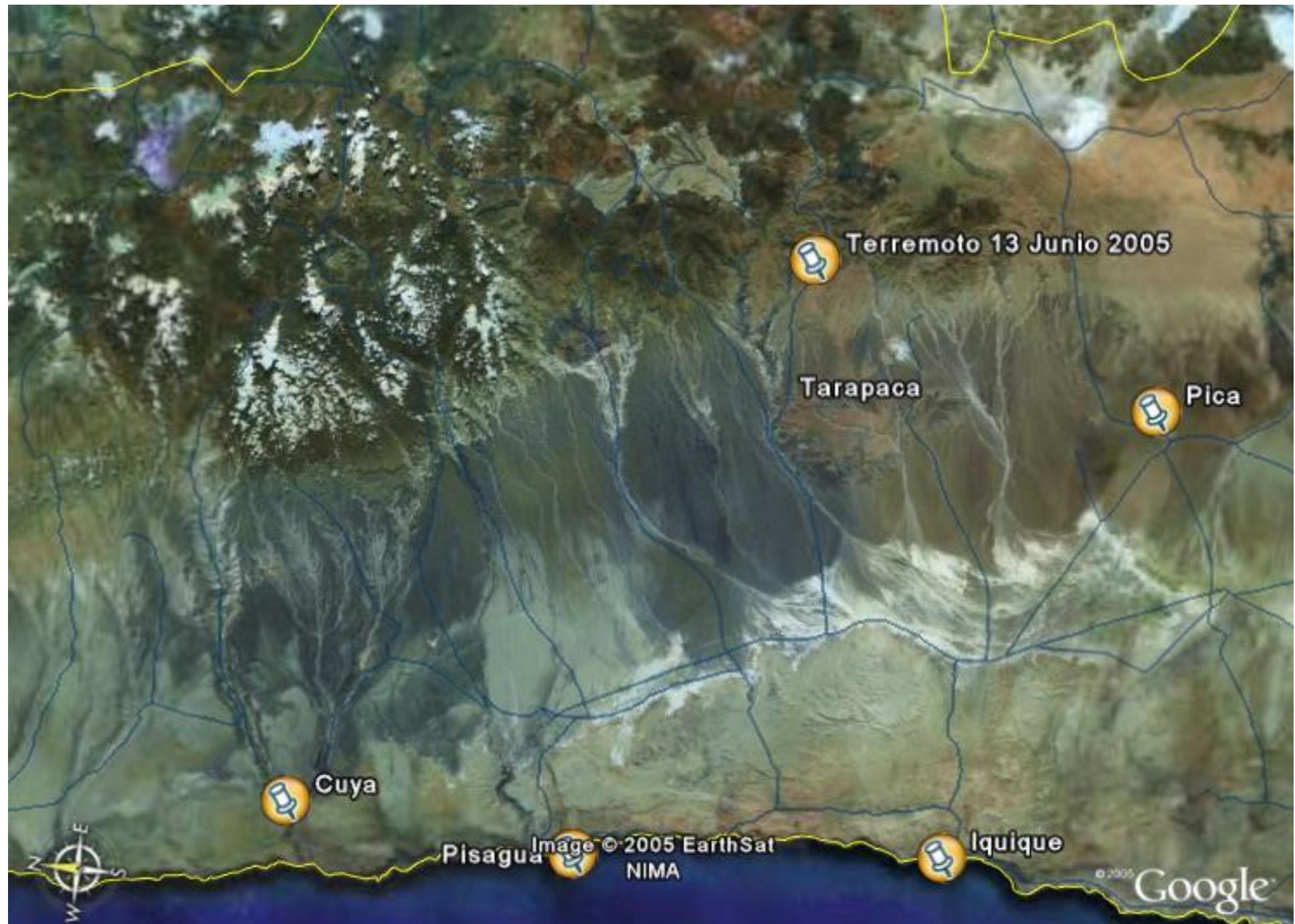
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# ACELERACIÓN MAXIMAS

ESTACION	ACEL HOR	ACEL VER
ARICA - ROCA	0.20	0.13
ARICA- SEDIMENTO	0.31	0.18
PISAGUA	0.44	0.29
IQUIQUE - ROCA	0.26	0.25
IQUIQUE - SEDIMENTO	0.24	0.28
IQUIQUE - SEDIMENTO	0.22	0.20
PICA (?)	0.72	0.79
TOCOPILLA -ROCA	0.05	0.04
EL LOA	0.11	0.10
MEJILLONES - SED.	0.02	0.02
CALAMA - SED.	0.07	0.03





Pointer 19°41'02.36" S 69°32'42.66" W elev 5873 ft

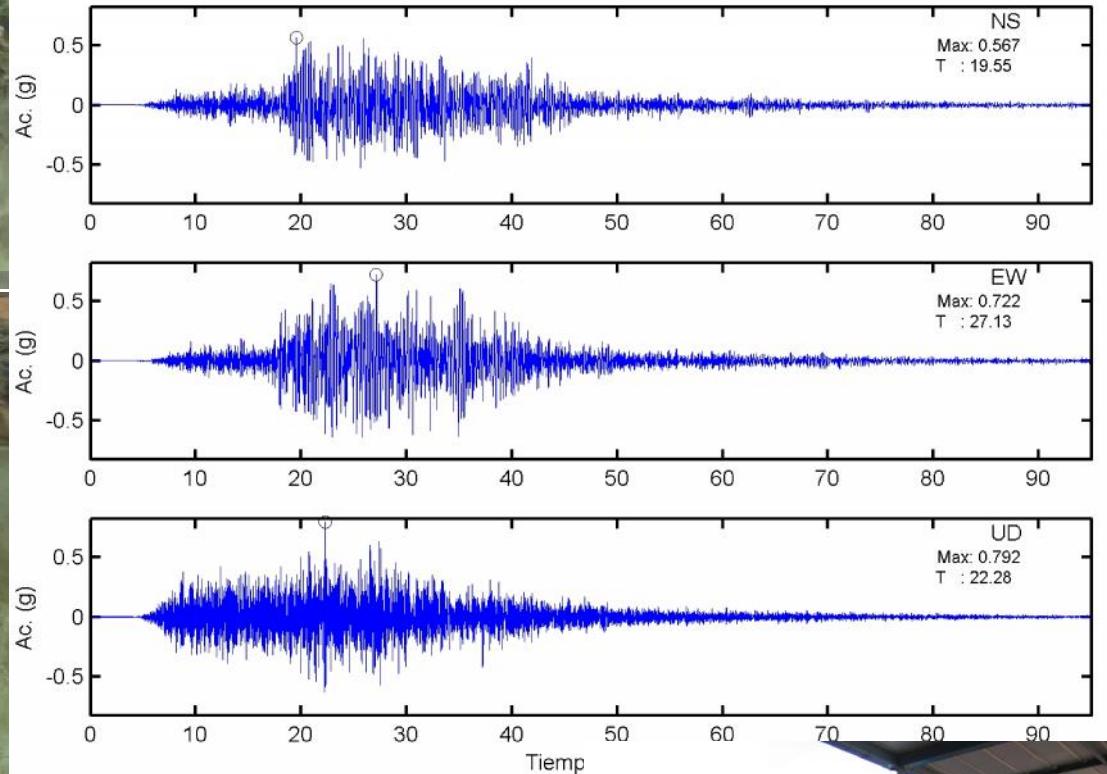
Streaming ||||||| 100%

Eye alt 126.66 mi



# PICA

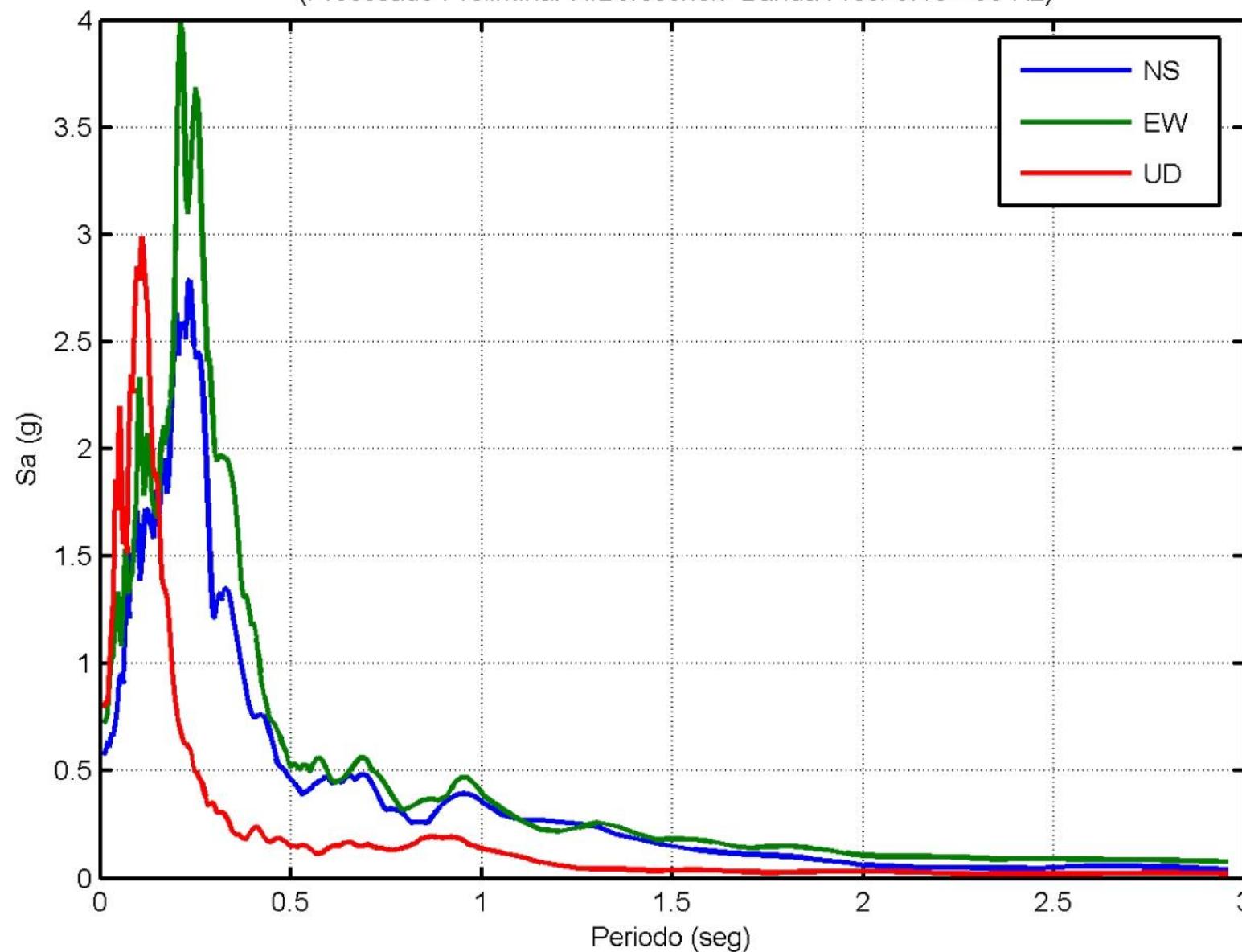
REGISTRO PICA - UNIVERSIDAD DE CHILE  
INGENIERIA CIVIL - GEOFISICA



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ESPECTRO RESPUESTA  $\beta = 5\%$   
REGISTRO PICA - UNIVERSIDAD DE CHILE  
INGENIERIA CIVIL - GEOFISICA  
(Procesado Preliminar R.Boroschek- Banda Frec. 0.15 - 50 Hz)



# IQUIQUE

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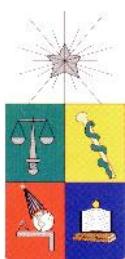
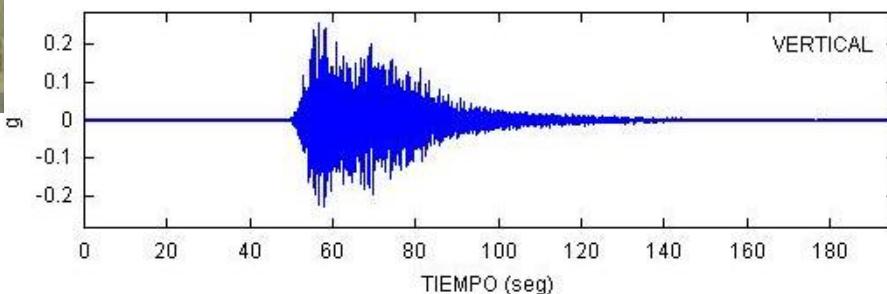
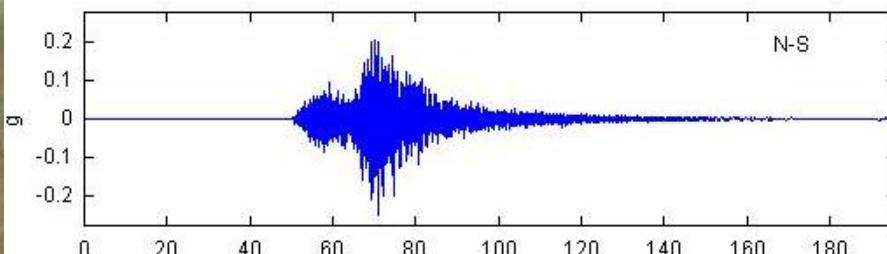
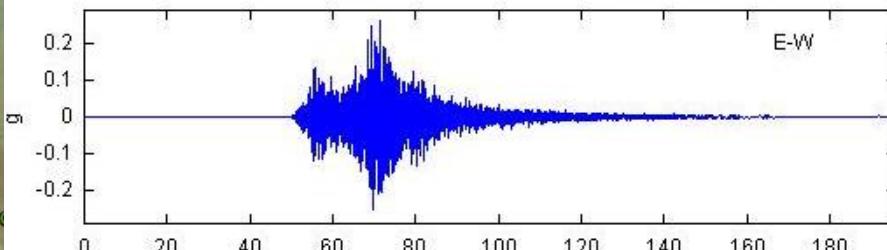
IQUIQUE

JUNIO 13,2005

DEPARTAMENTOS DE GEOFISICA E INGENIERIA CIVIL

ETNA 2800

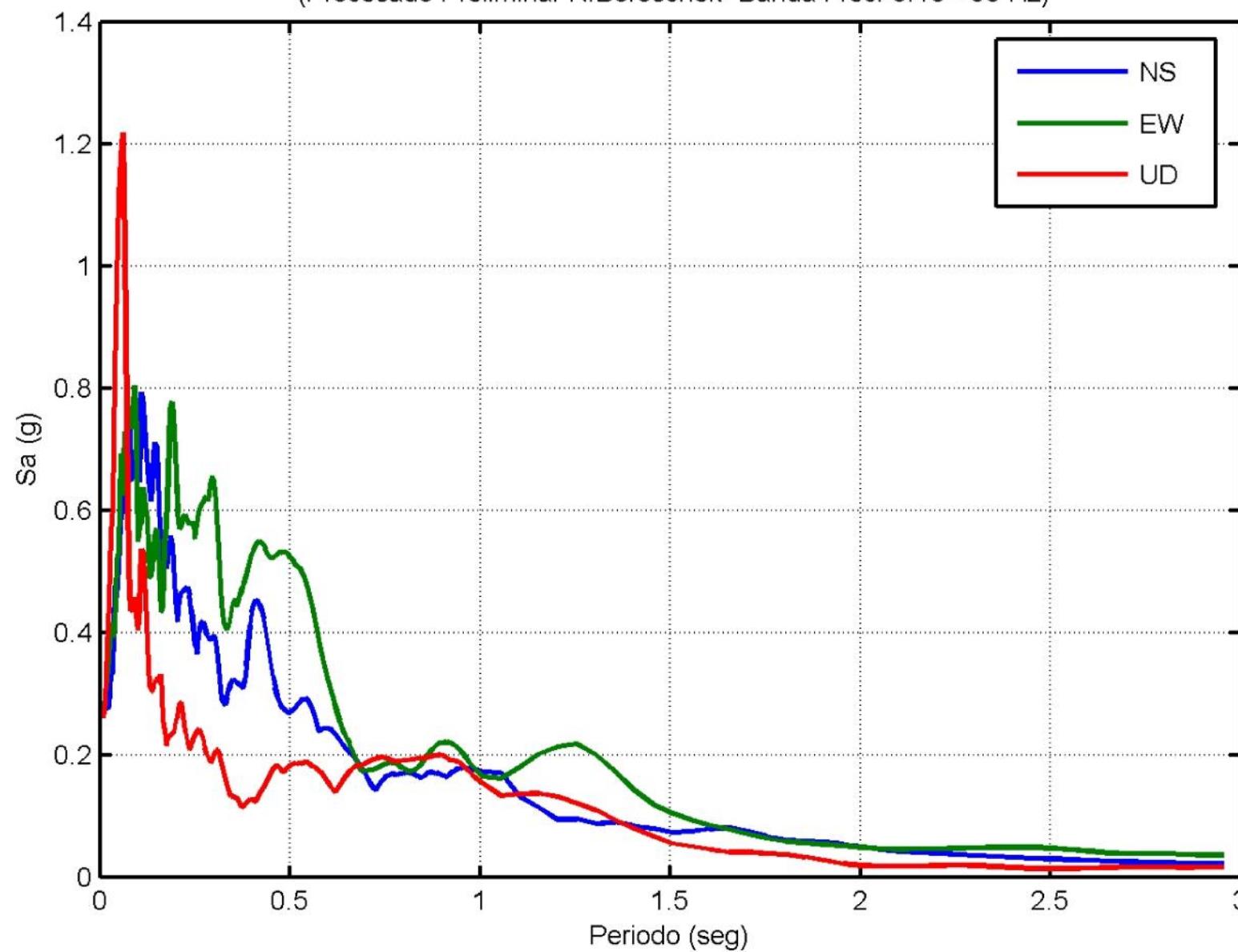
ACELERACIONES MAXIMAS : E-W=0.26 N-S=0.25 VERTICAL=0.26



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ESPECTRO RESPUESTA  $\beta = 5\%$   
REGISTRO IQUIQUE - UNIVERSIDAD DE CHILE  
INGENIERIA CIVIL - GEOFISICA

(Procesado Preliminar R.Boroschek- Banda Frec. 0.15 - 50 Hz)



# ARICA

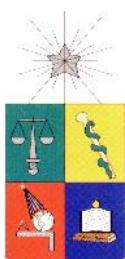
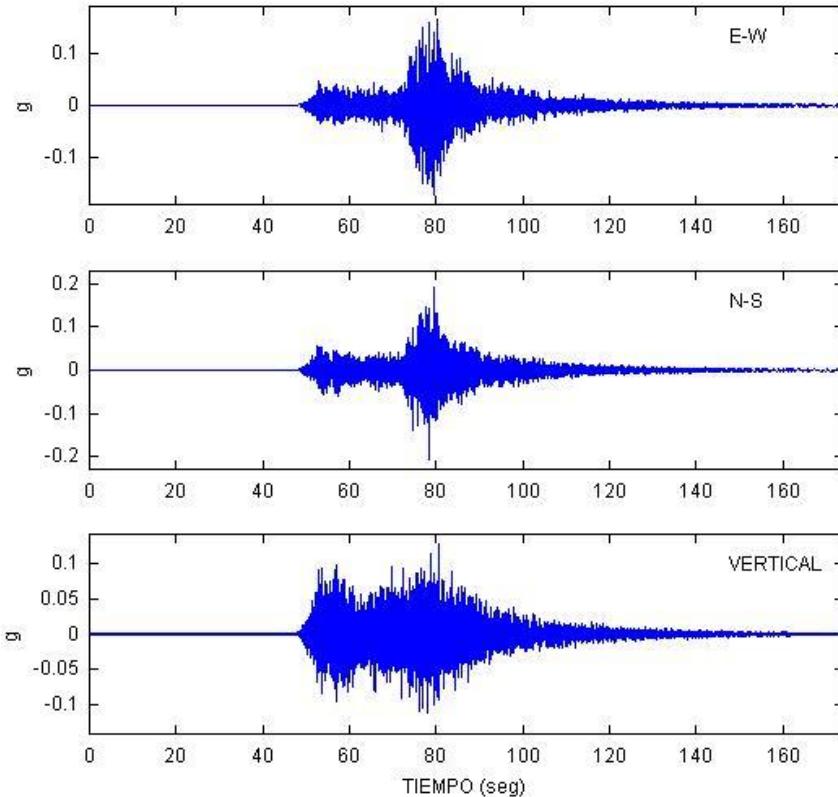


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ARICA - CERRO LA CRUZ

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ACELERACIONES MAXIMAS : E-W=0.17 N-S=0.21 VERTICAL=0.13

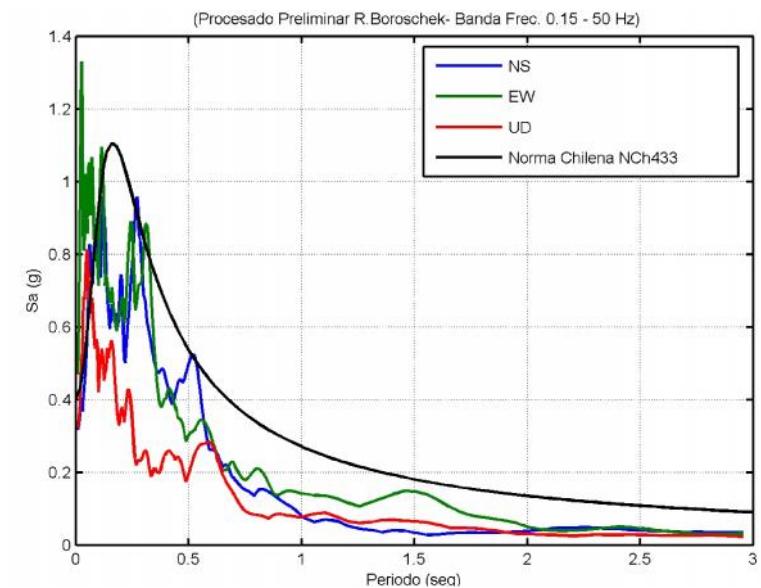
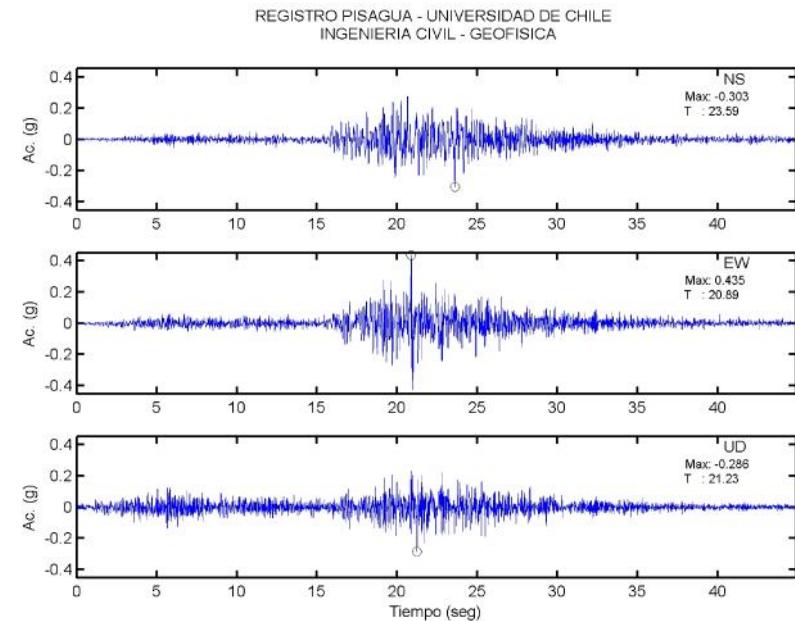


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# PISAGUA



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# MEJILLONES

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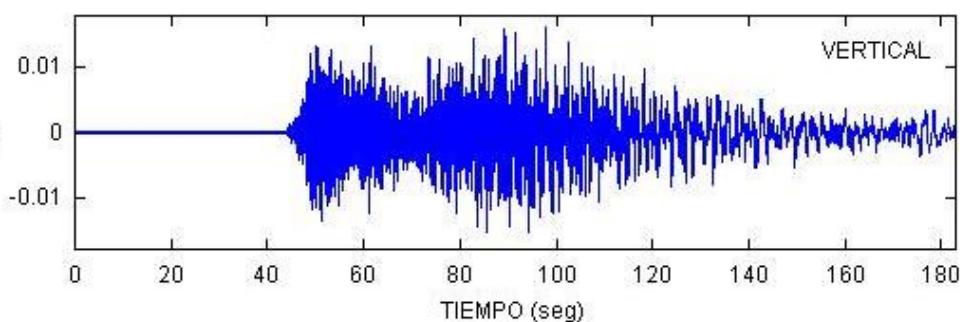
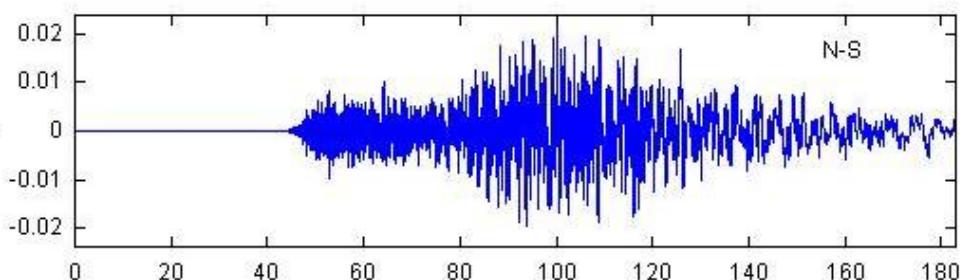
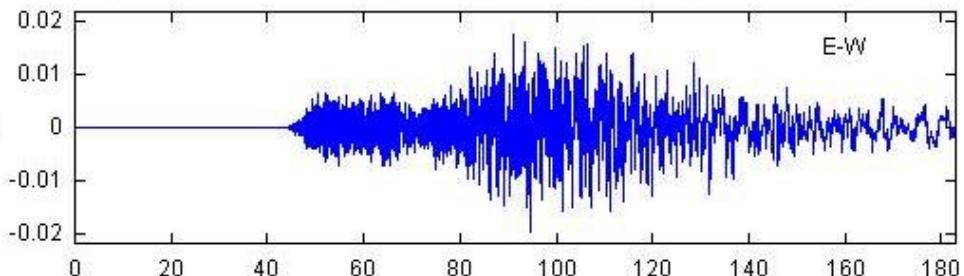
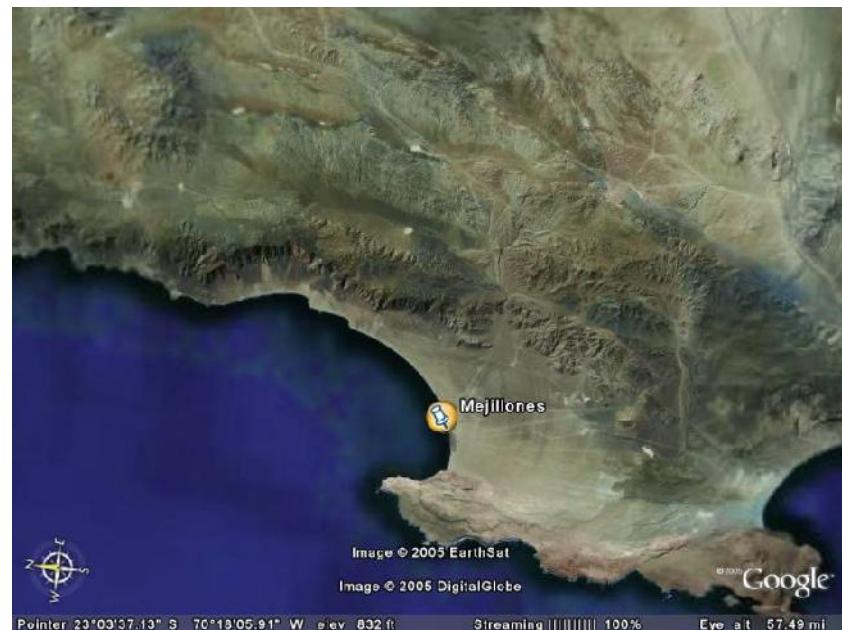
DEPARTAMENTOS DE GEOFISICA E INGENIERIA CIVIL

MEJILLONES

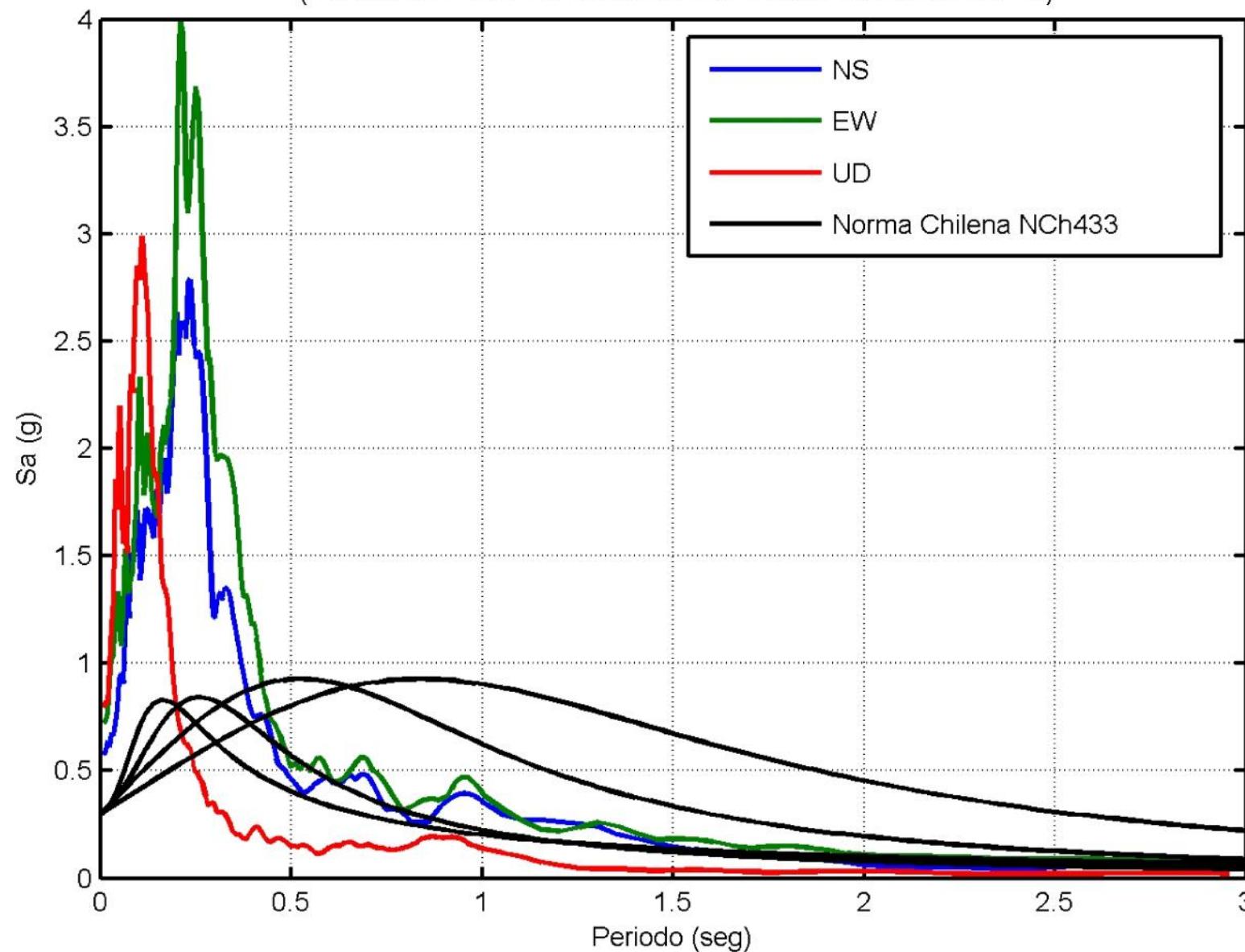
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JUNIO 13, 2005

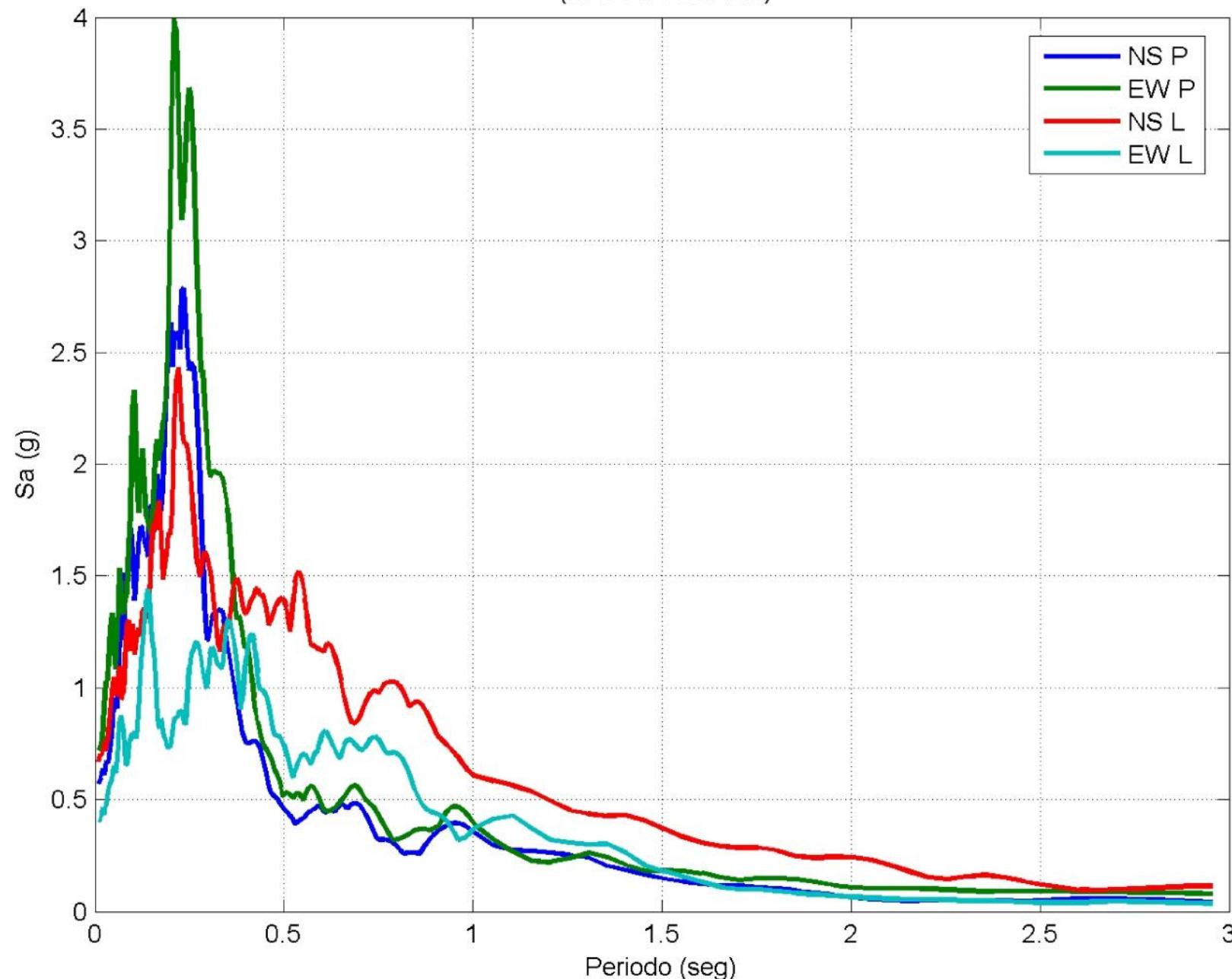
ACELERACIONES MAXIMAS : E-W=0.02 N-S=0.022 VERTICAL=0.016



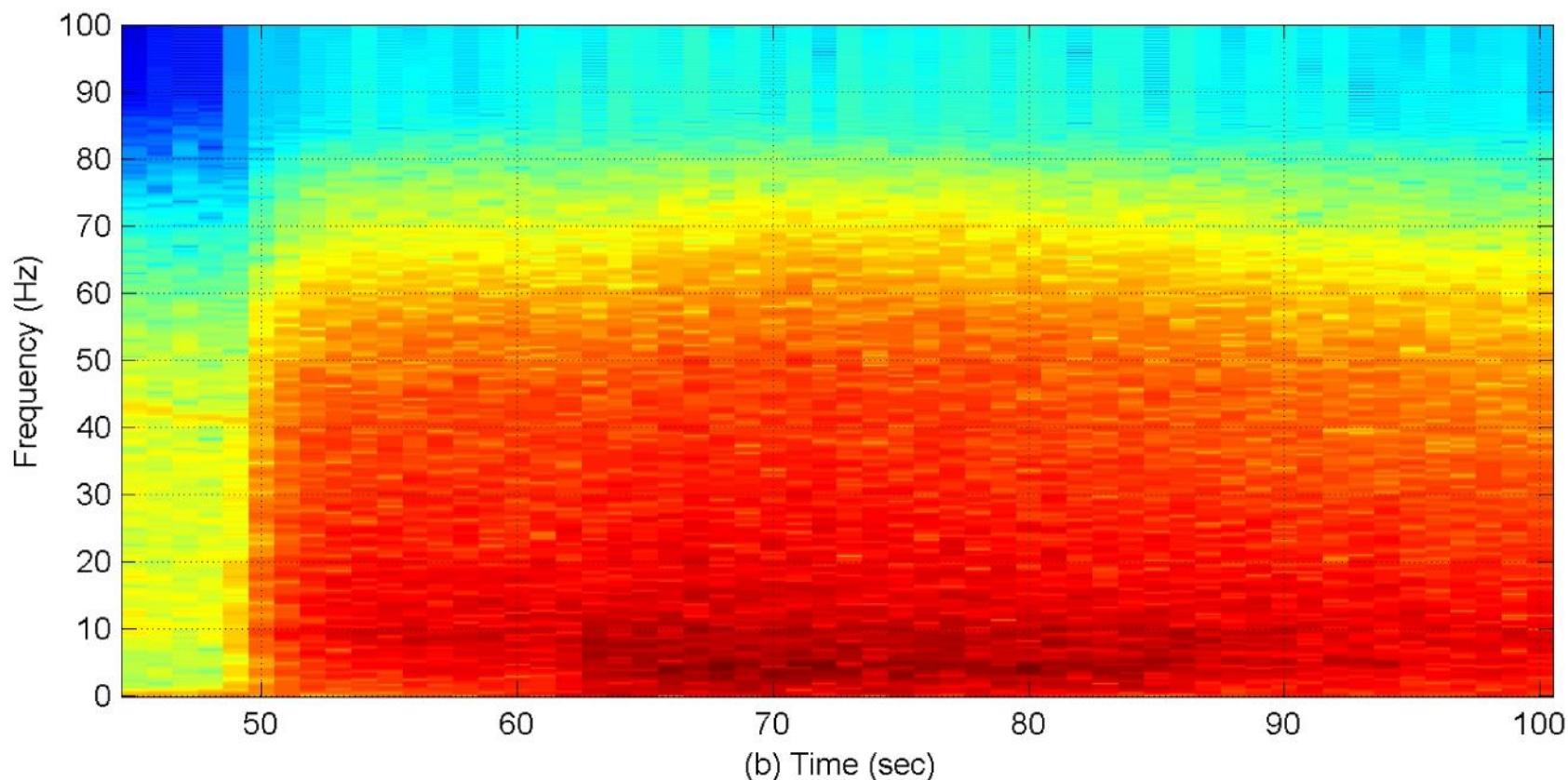
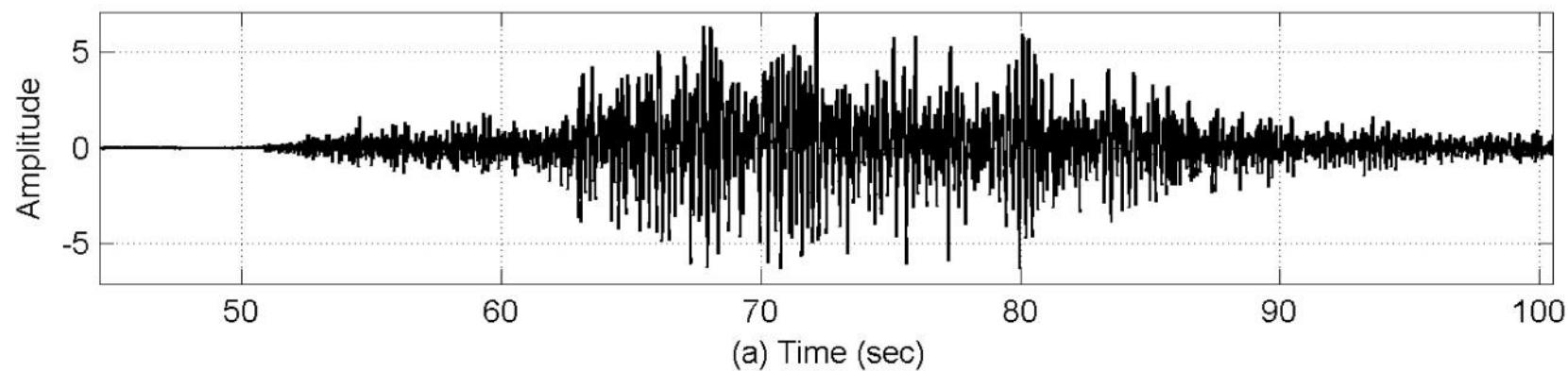
ESPECTRO RESPUESTA  $\beta = 5\%$   
REGISTRO PICA - UNIVERSIDAD DE CHILE  
INGENIERIA CIVIL - GEOFISICA  
(Procesado Preliminar R.Boroschek- Banda Frec. 0.15 - 50 Hz)



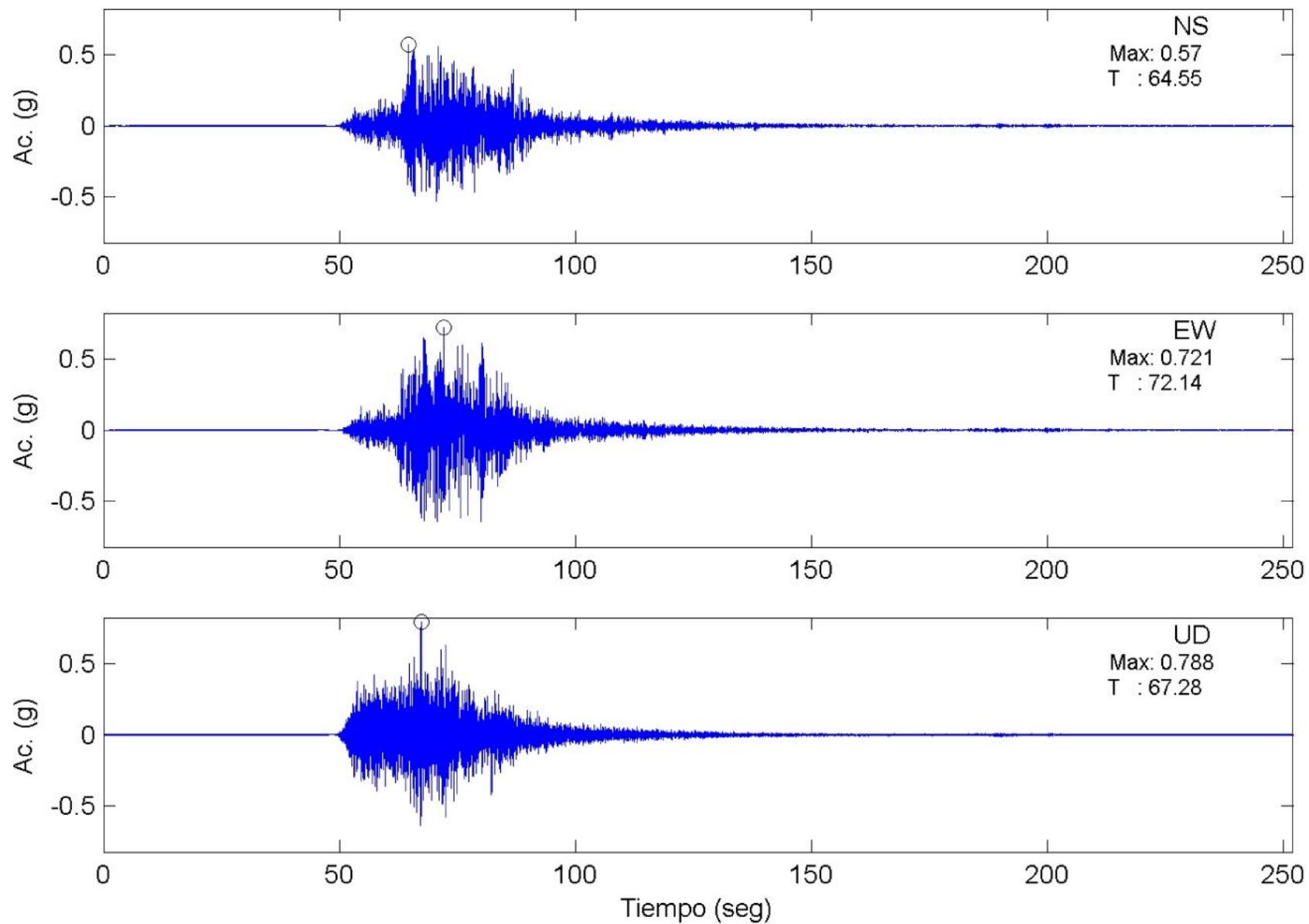
COMPARACION ESPECTRO RESPUESTA PICA 2005 - LLOLLEO 1985  
(R. BOROSCHEK)



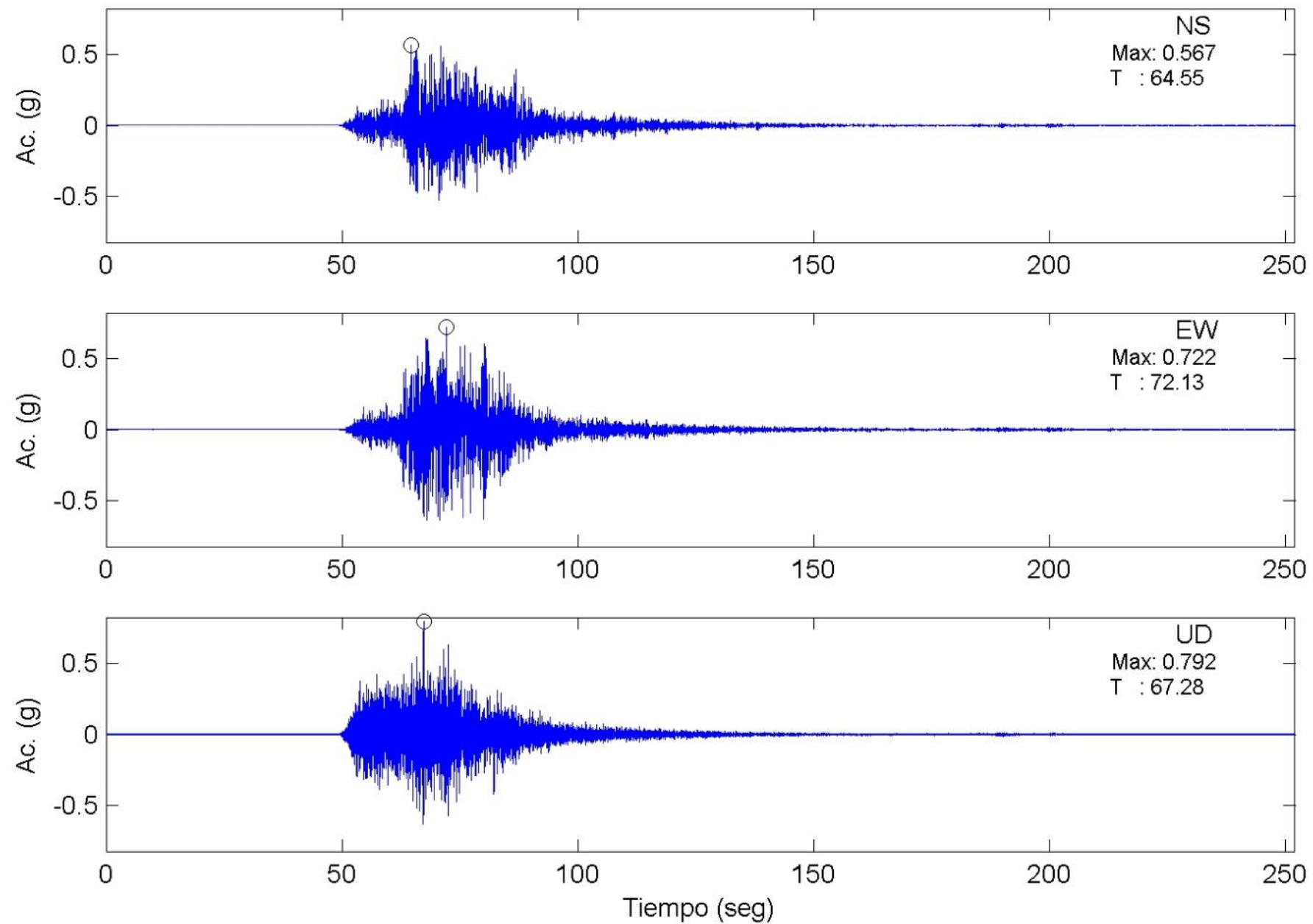
### ESPECTROGRAMA PICA

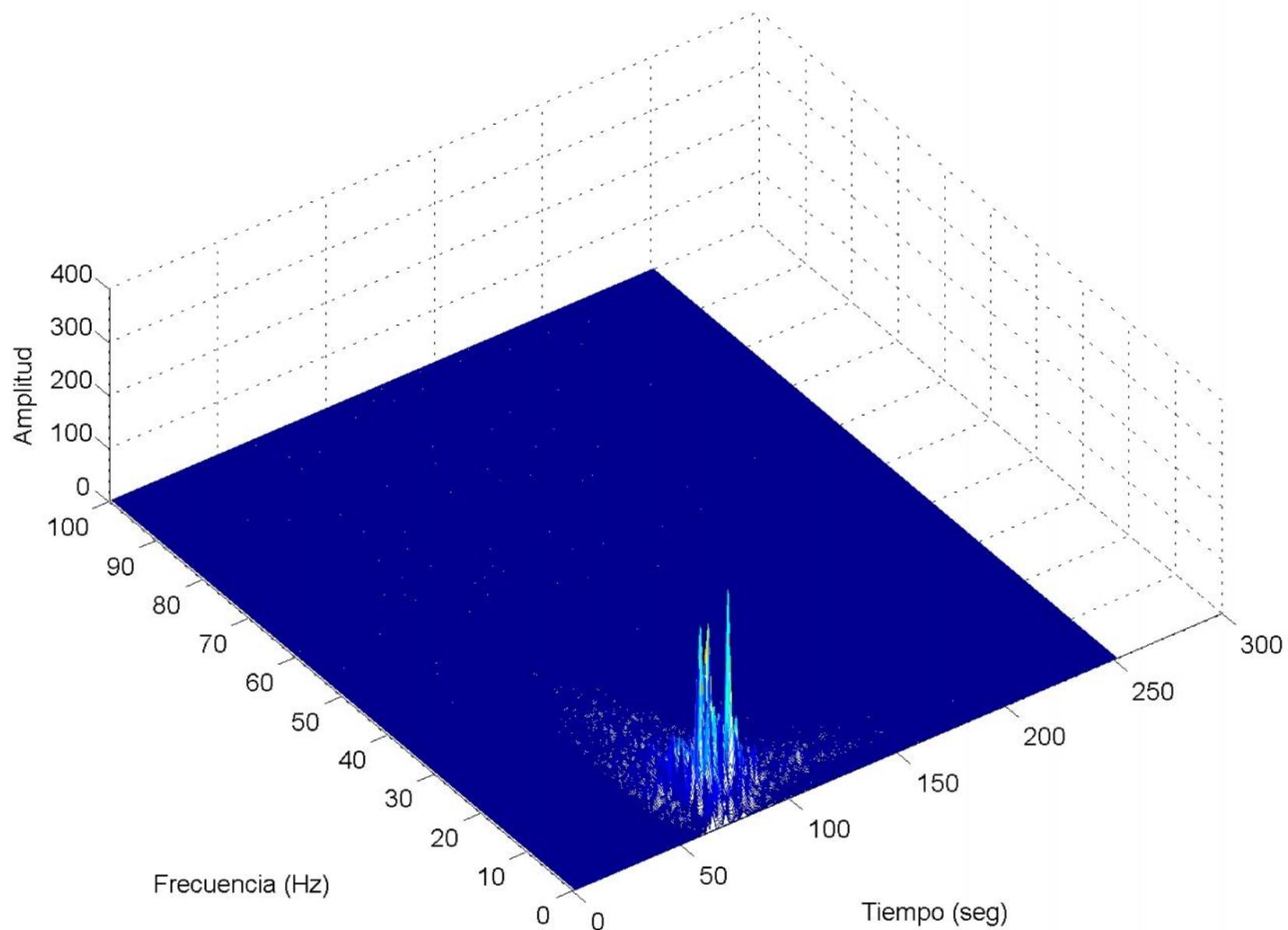


UNIVERSIDAD DE CHILE - PICA - BANDA 0.15-25 Hz

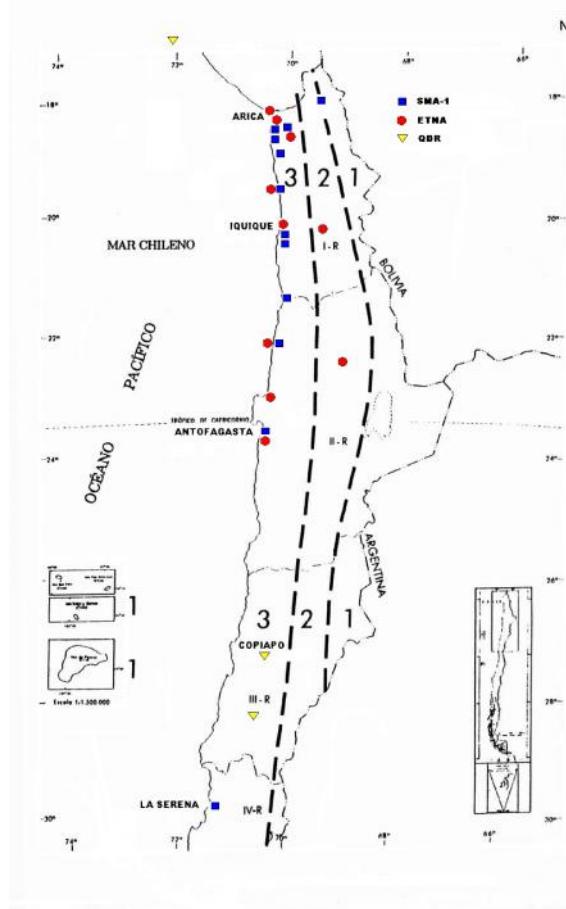


INGENIERIA CIVIL - GEOFISICA





# RED NORTE (PARCIAL)



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