



PROTEZIONE CIVILE
 Presidenza del Consiglio dei Ministri
 Dipartimento della Protezione Civile



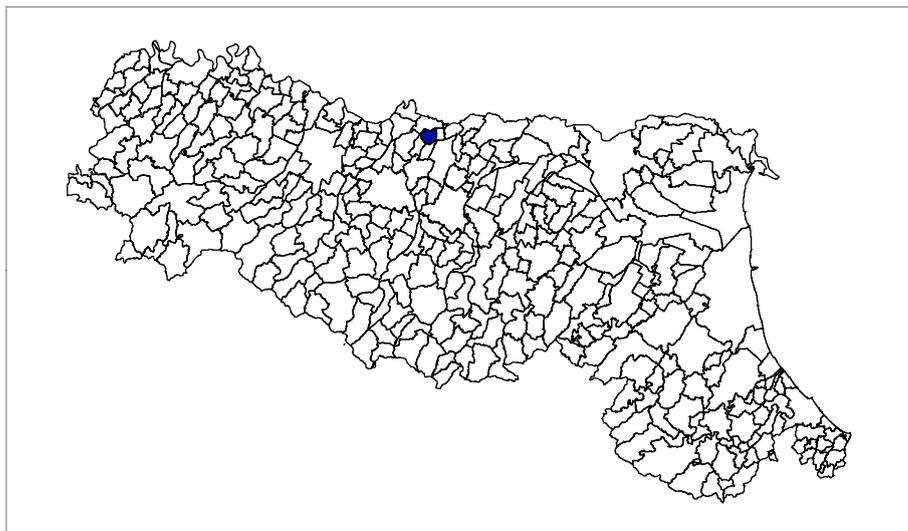
CONFERENZA DELLE REGIONI E
 DELLE PROVINCE AUTONOME

Attuazione dell'articolo 11 della legge 24 giugno 2009, n.77

MICROZONAZIONE SISMICA

Indagini geofisiche di nuova esecuzione

Regione Emilia-Romagna Comune di Fabbrico



<p>Regione Emilia Romagna</p> <p><i>Studio realizzato con il contributo di cui all'OCDPC 171/2014 DGR ER 1227/2015. Coordinamento della Regione Emilia-Romagna - Servizio Geologico Luca Martelli</i></p>	<p>Soggetto realizzatore</p> <p>Studio Geologico CENTROGEO</p> <p><i>Progetto:</i> Gian Pietro Mazzetti</p> <p><i>Collaboratori:</i> Stefano Gilli Andrea Arbizzi Mauro Mazzetti</p>	<p>Amministrazione comunale</p> <p><i>Sindaco:</i> Maurizio Terzi</p> <p><i>Responsabile Ufficio Tecnico:</i> Francesca Erriu</p> <table border="1" data-bbox="1023 2018 1481 2107"> <tr> <td data-bbox="1023 2018 1254 2107"> <p>Data Ottobre 2017</p> </td> <td data-bbox="1254 2018 1481 2107"></td> </tr> </table>	<p>Data Ottobre 2017</p>	
<p>Data Ottobre 2017</p>				

INDAGINI HVSR

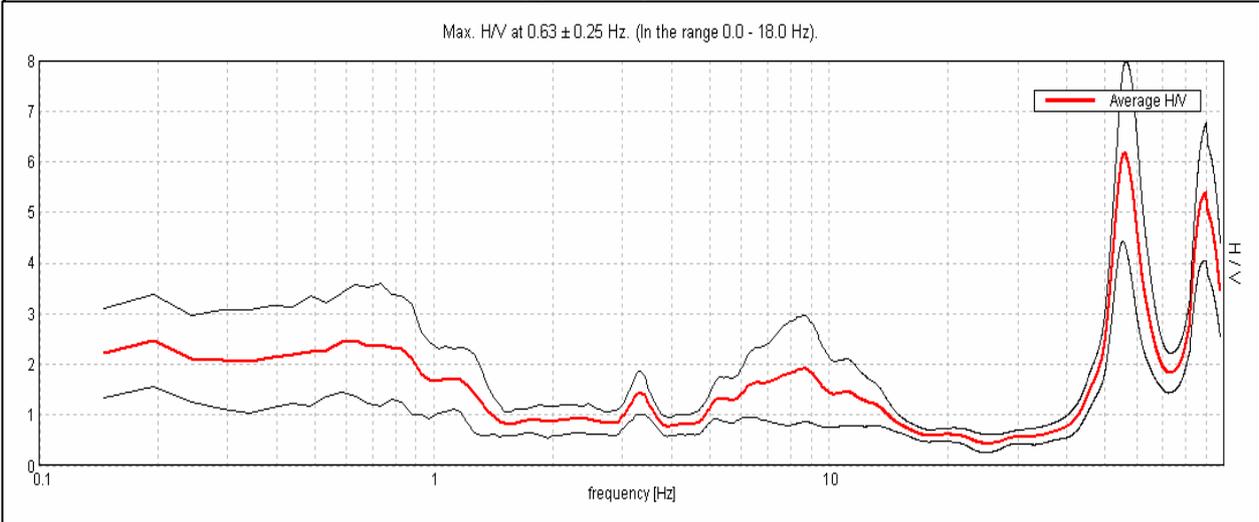
STUDIO GEOLOGICO CENTROGEO

42015 Correggio (RE) - Piazza S. Quirino, 6 - tel 0522/641001 - Fax: 632162

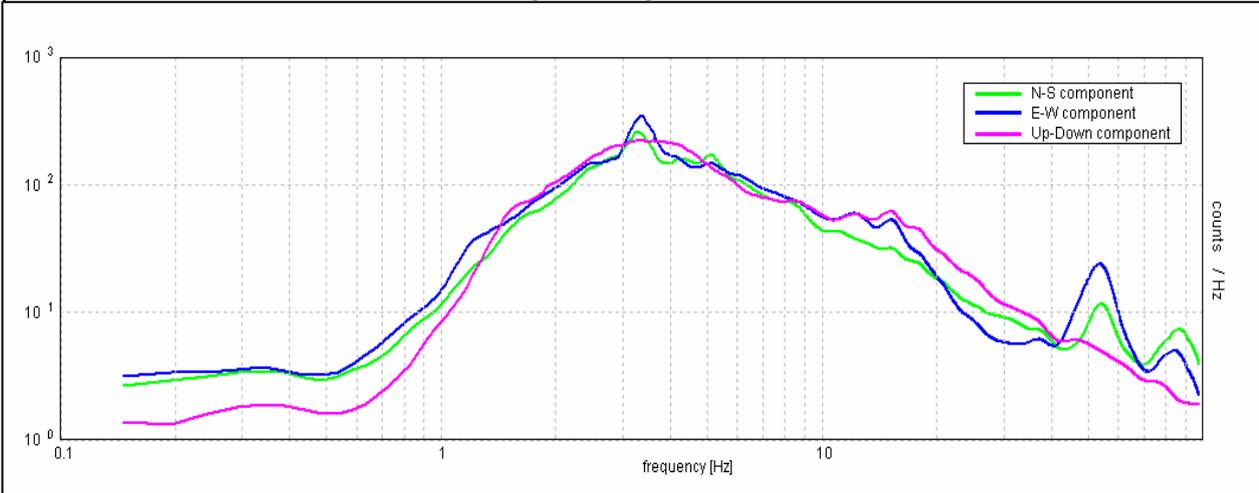
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 18,5 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

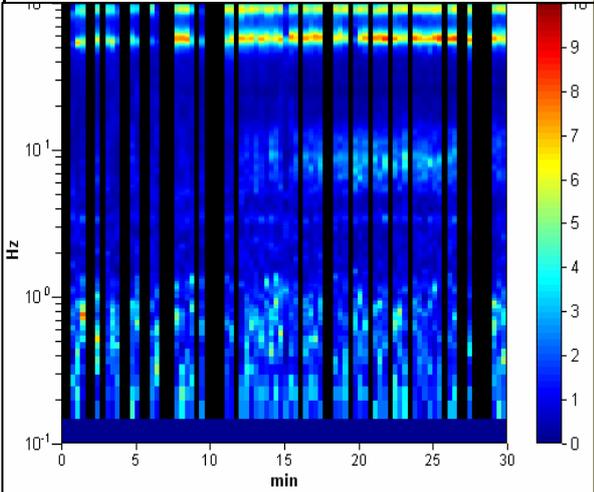
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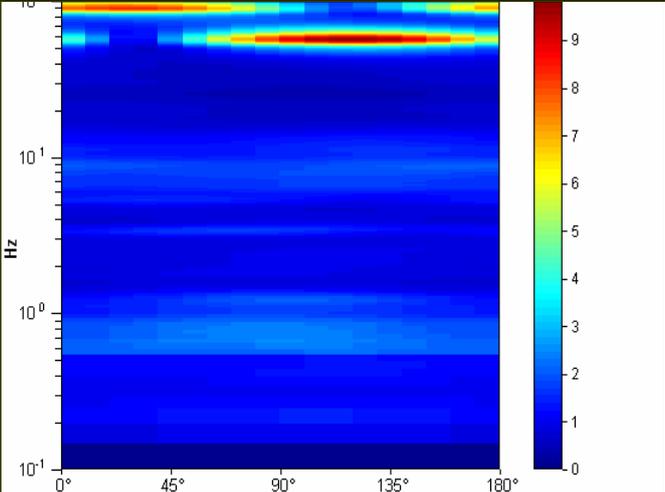
Ampiezza spettrale



Stabilità



Direzionalità



CENTROGEO P.zza S.Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 02
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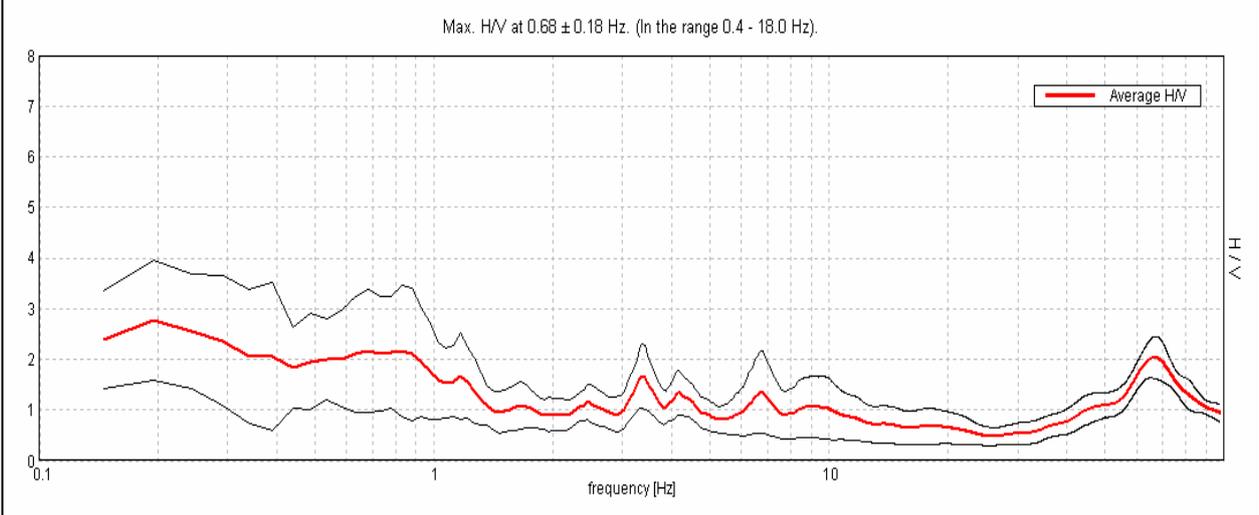
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DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
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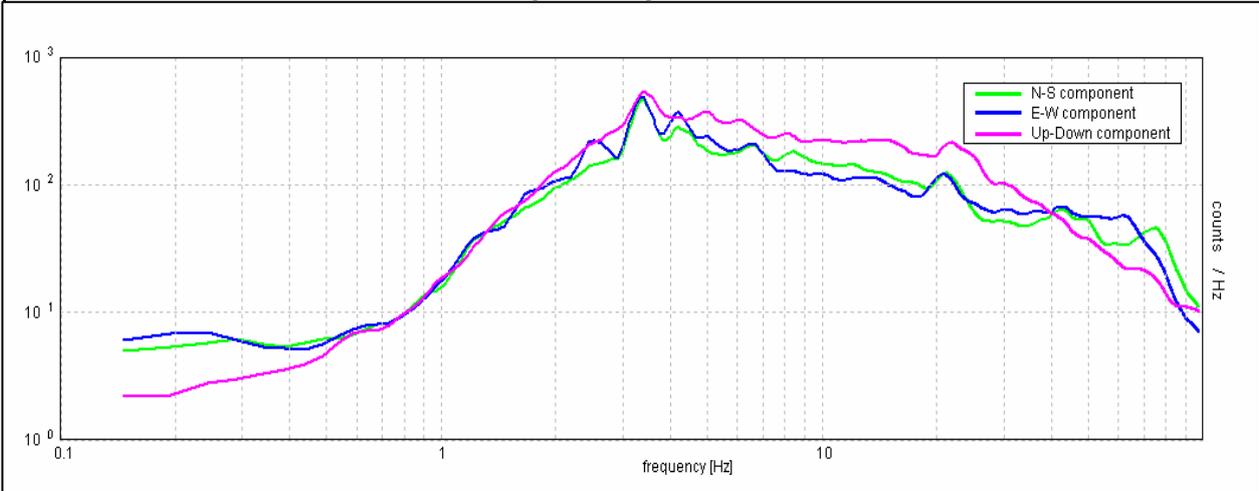
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

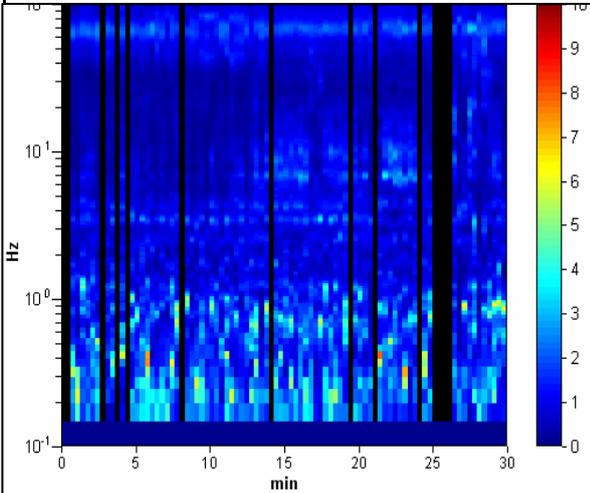
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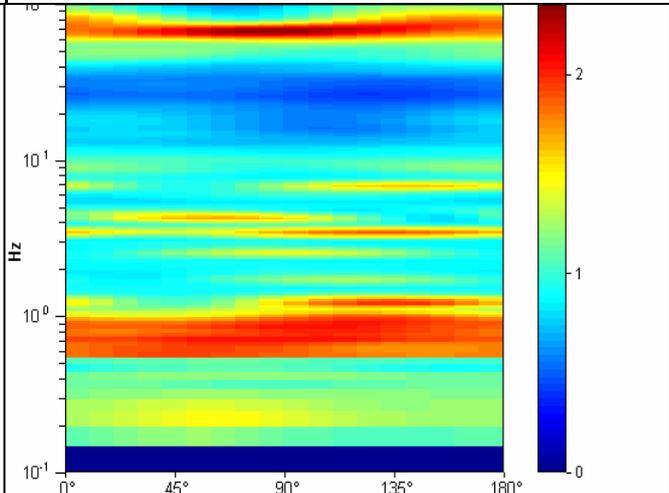
Ampiezza spettrale



Stabilità



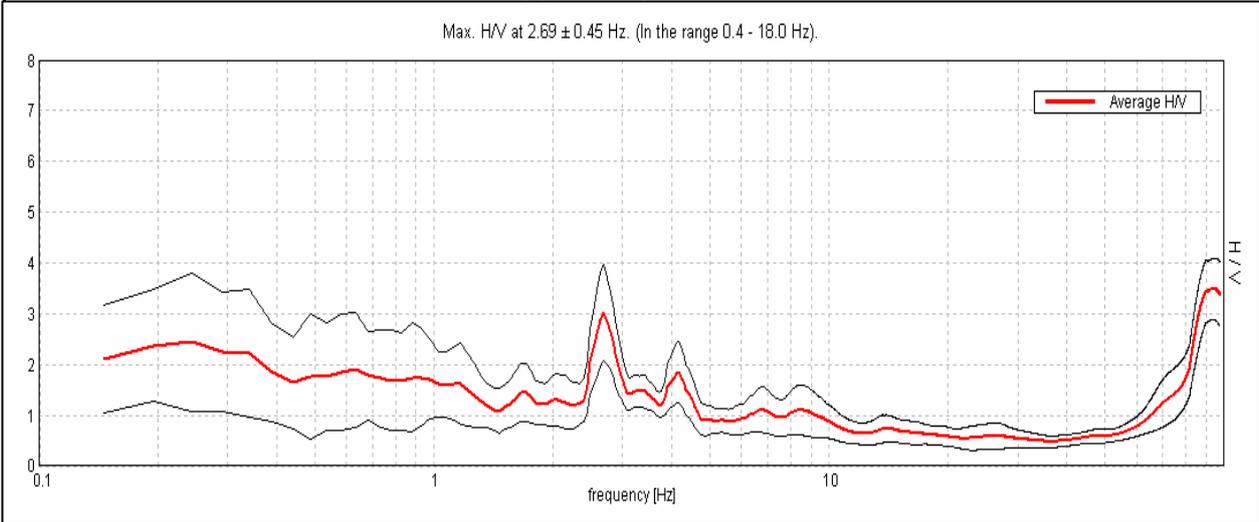
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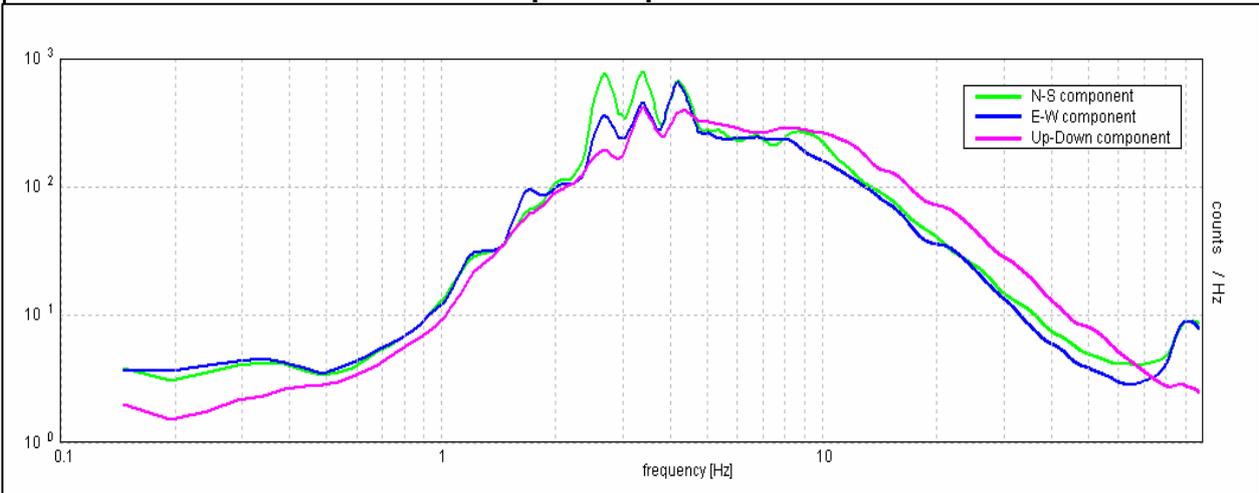
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DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

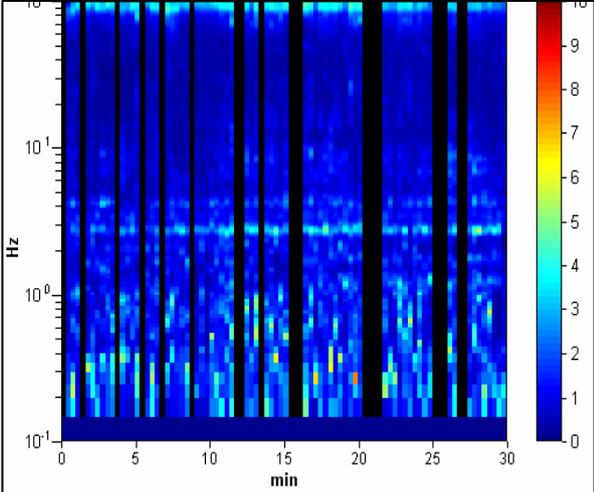
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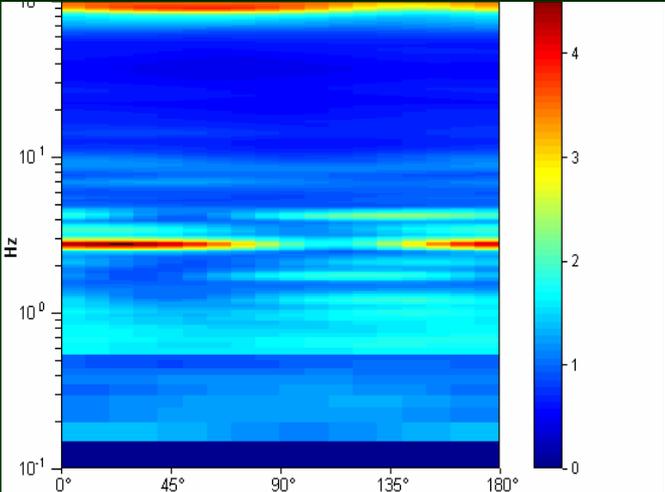
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Stabilità



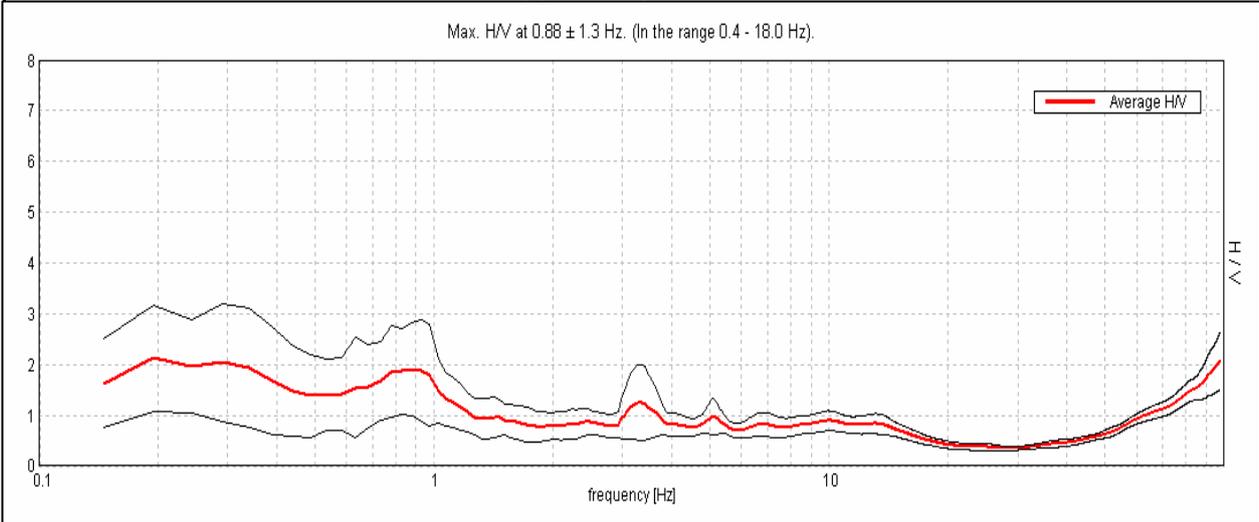
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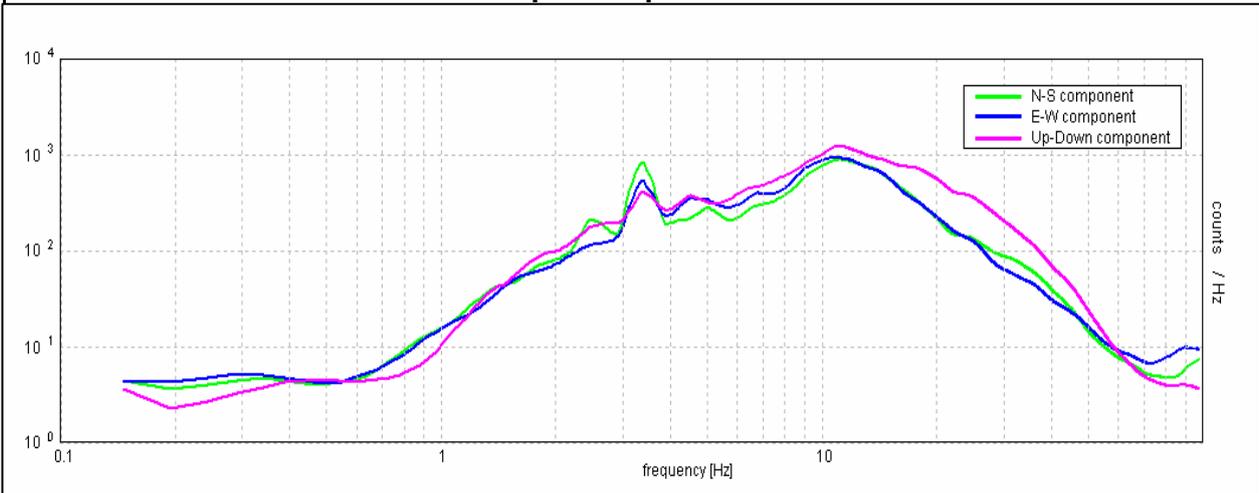
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21,5 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

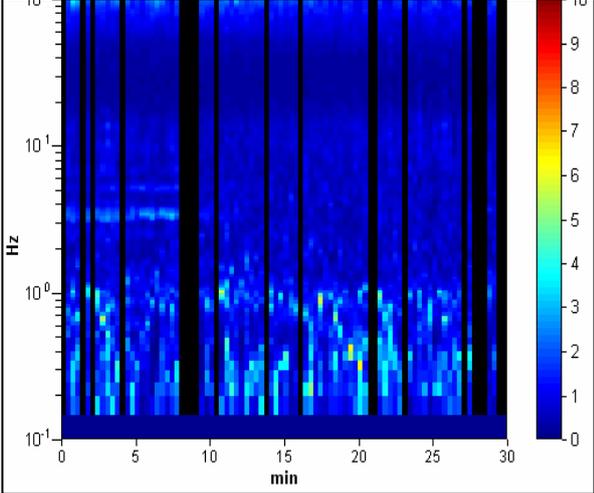
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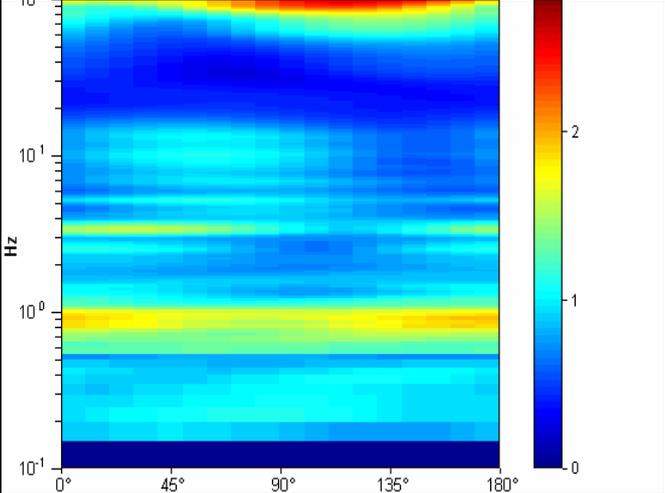
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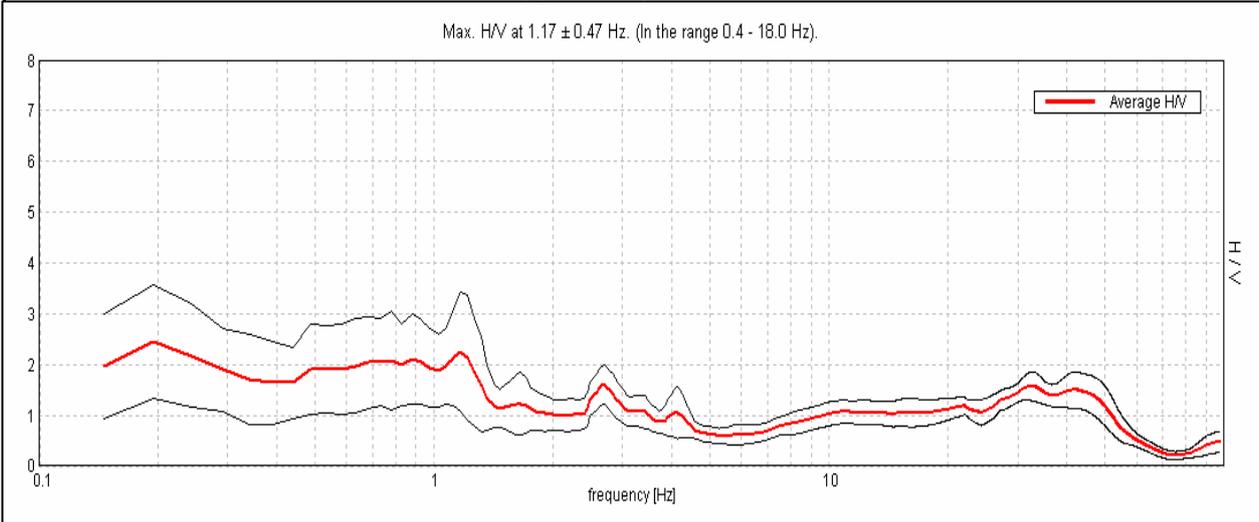
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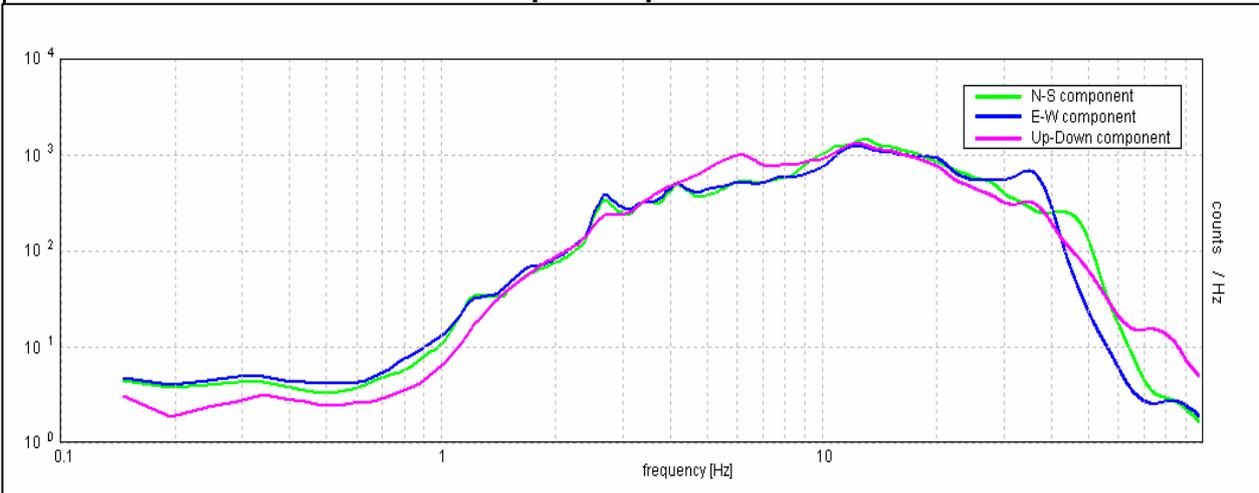
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DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 20,0 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

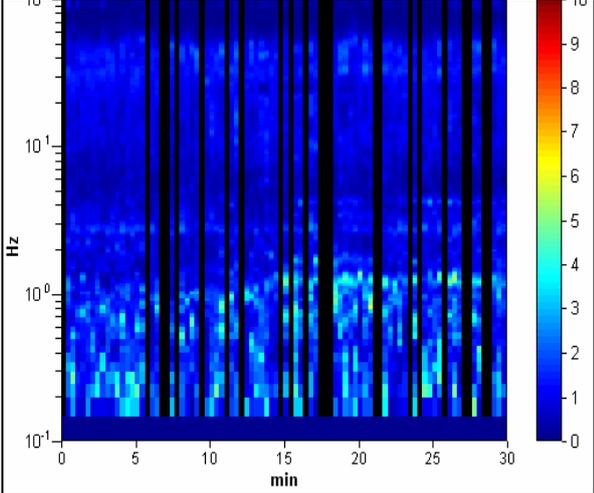
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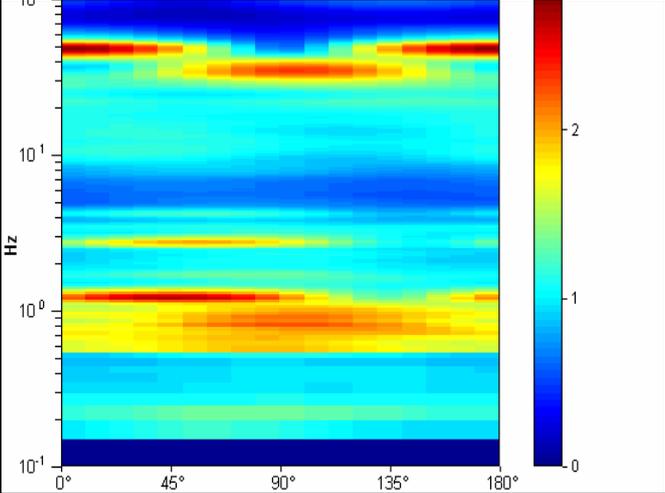
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Stabilità



Direzionalità

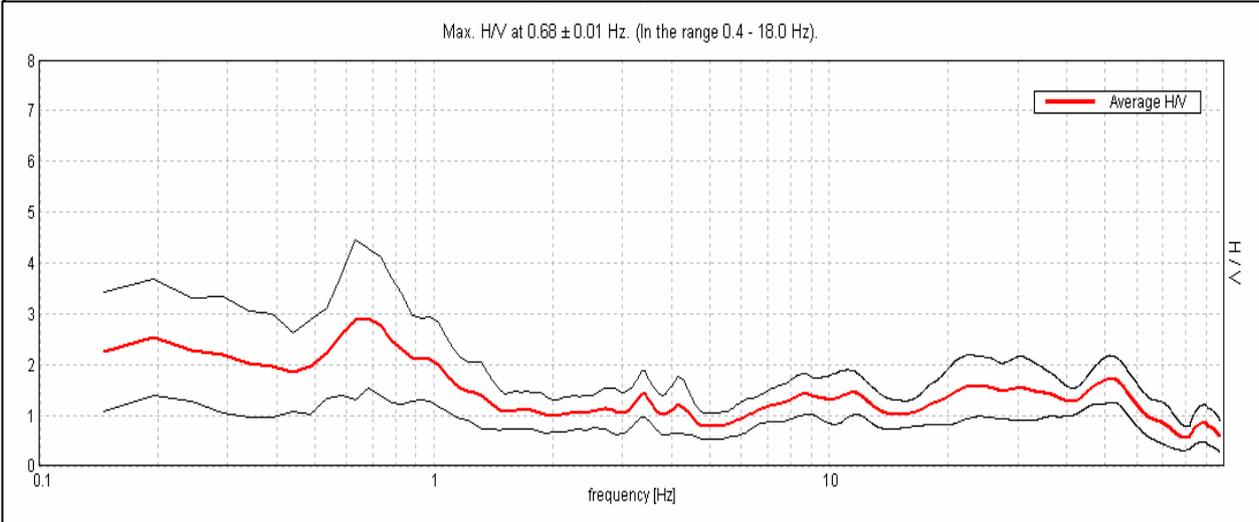


CENTROGEO P.zza S.Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 06
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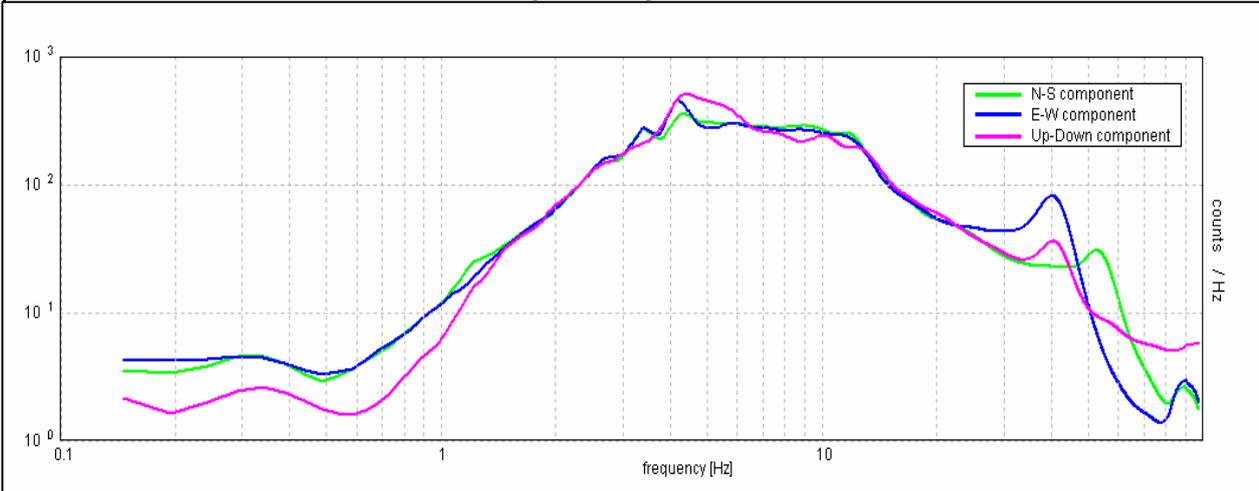
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DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

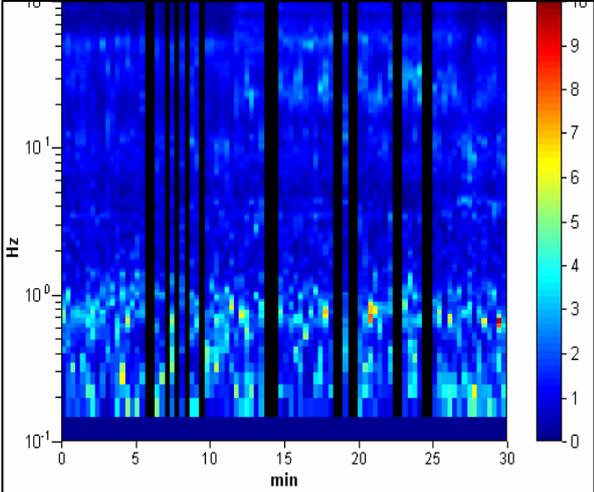
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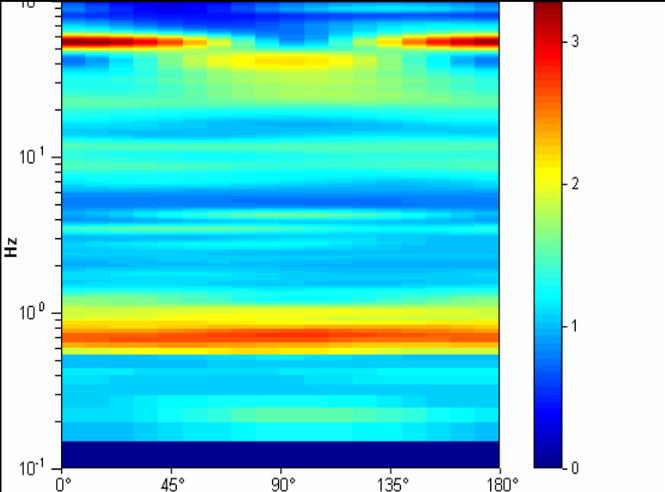
Ampiezza spettrale



Stabilità



Direzionalità

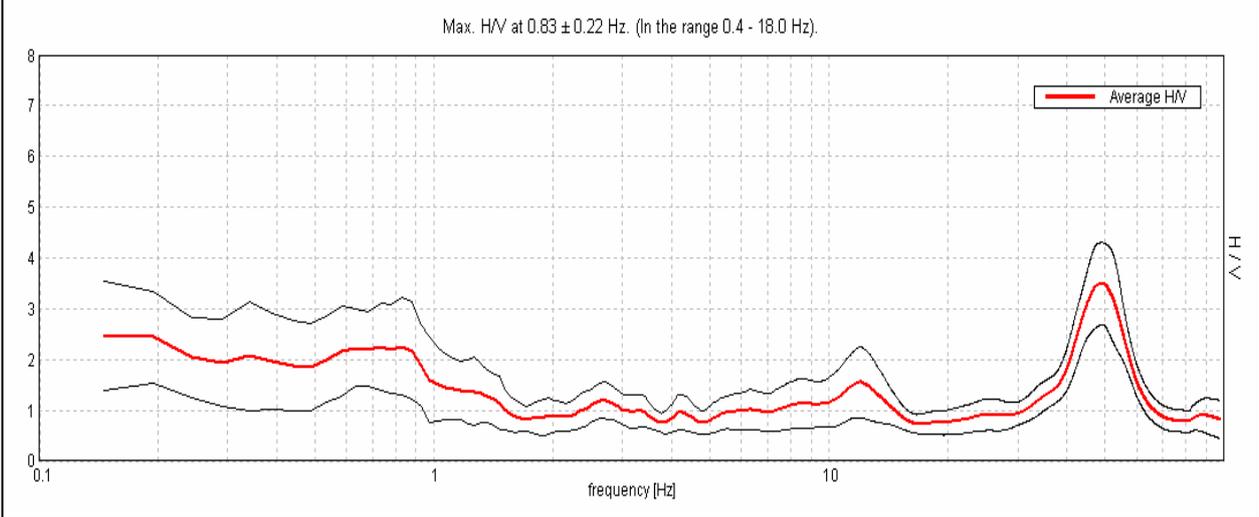


CENTROGEO P.zza S.Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 07
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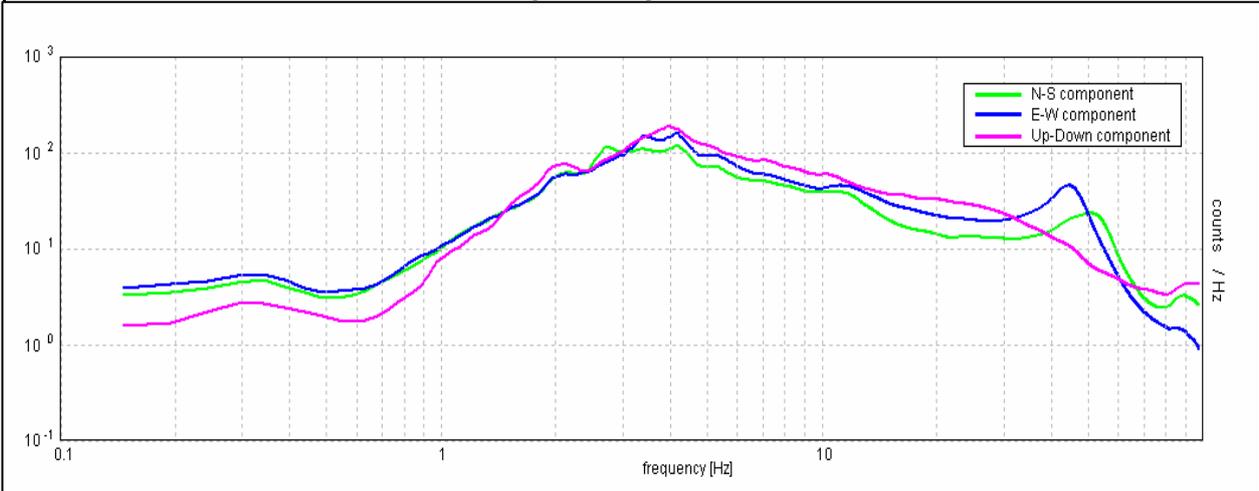
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DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 19,4 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

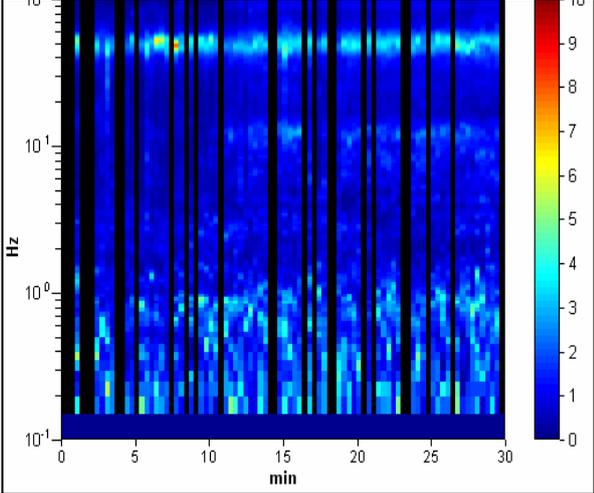
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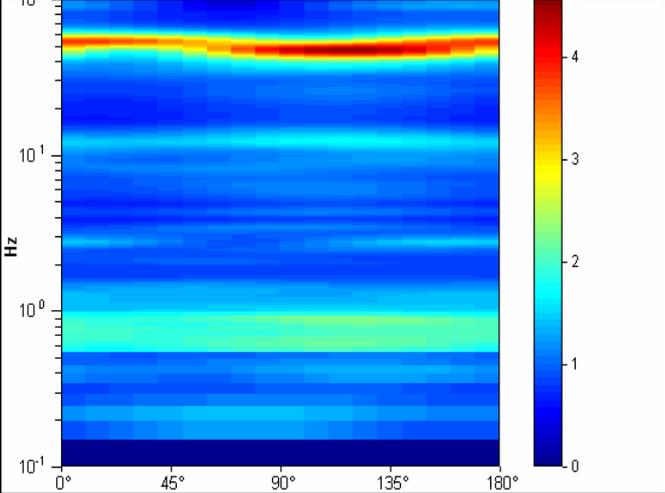
Ampiezza spettrale



Stabilità



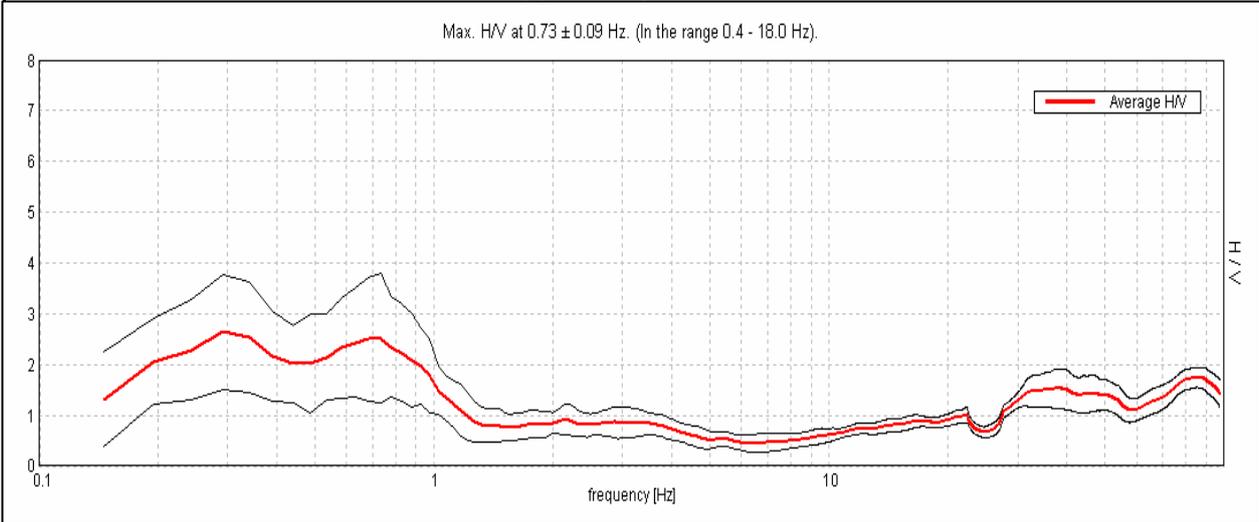
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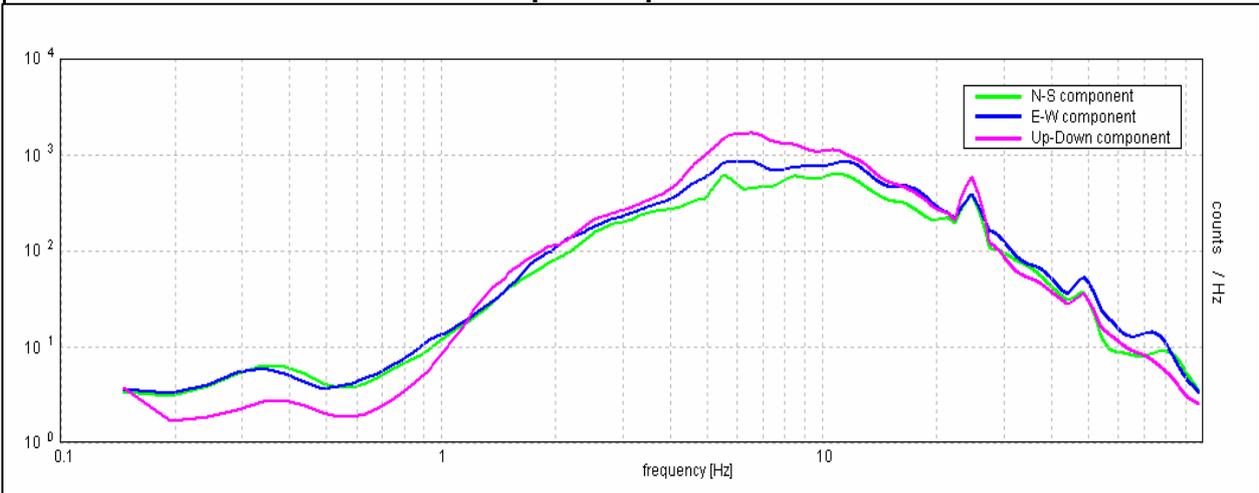
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 10-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21,0 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

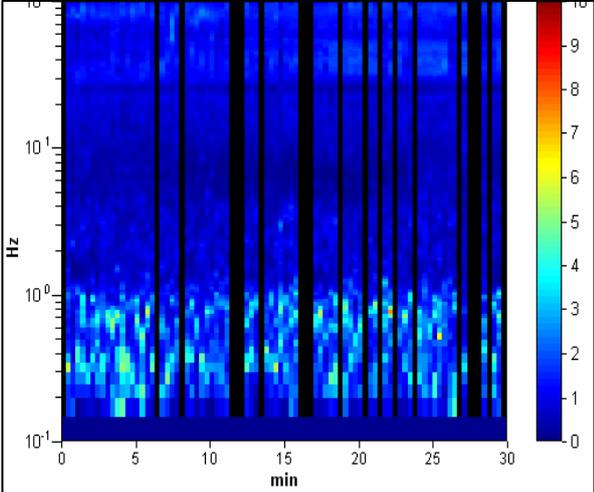
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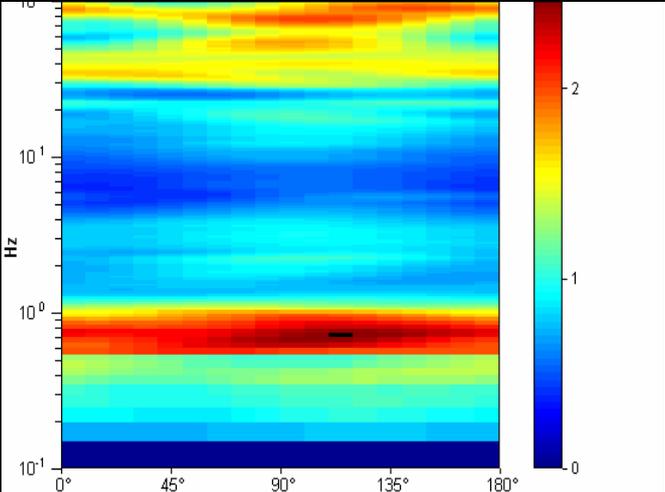
Ampiezza spettrale



Stabilità



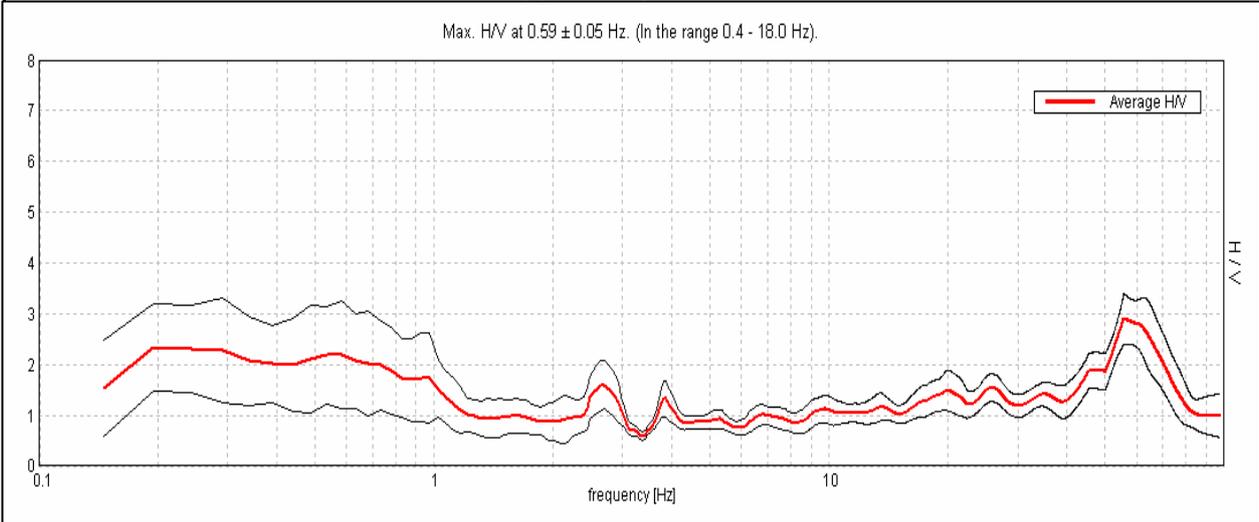
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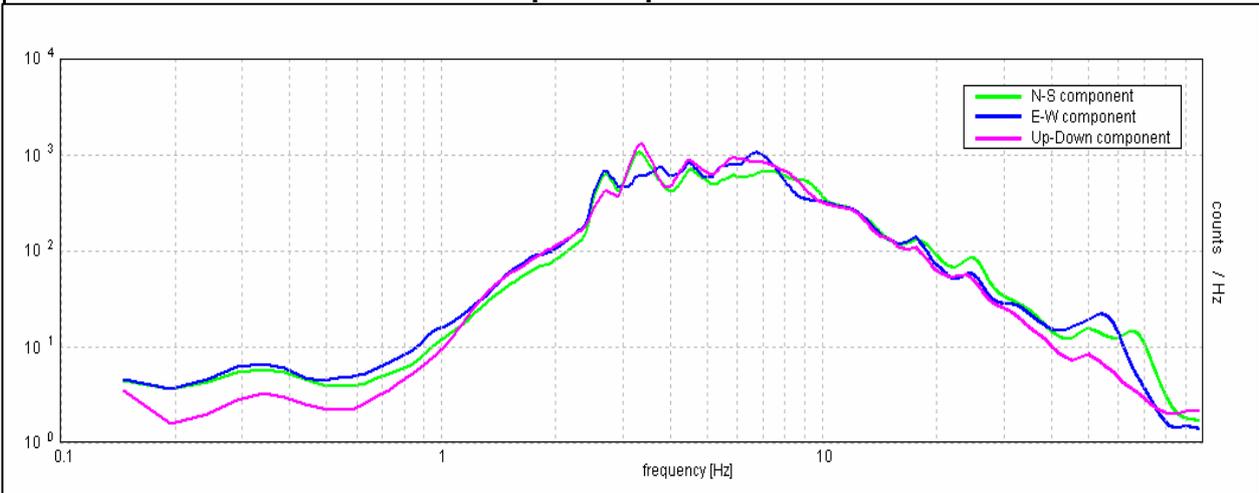
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 10-03-2014	CANTIERE: Microzonazione Sismica
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

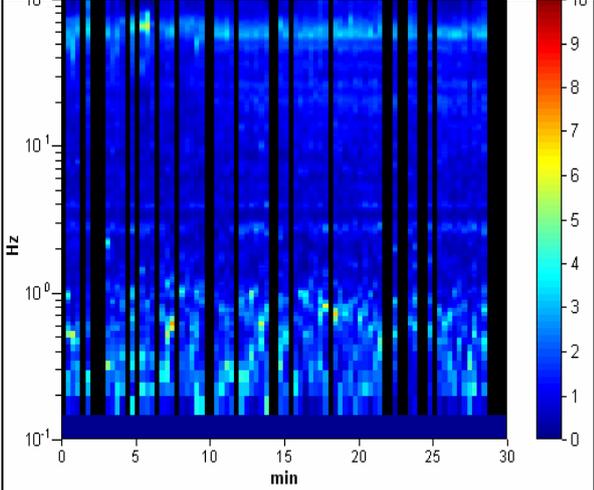
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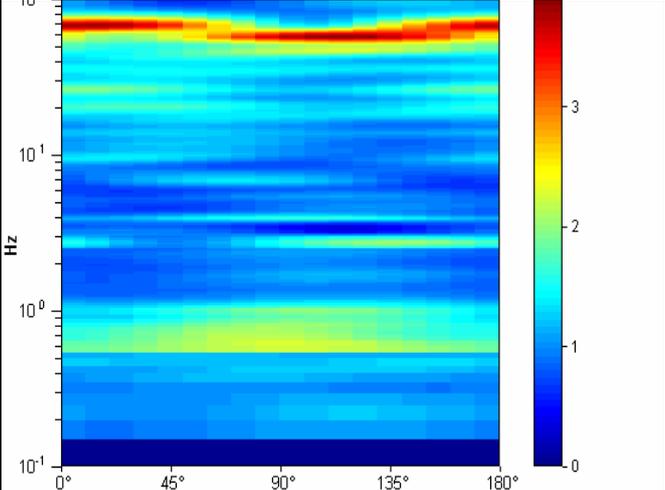
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Stabilità



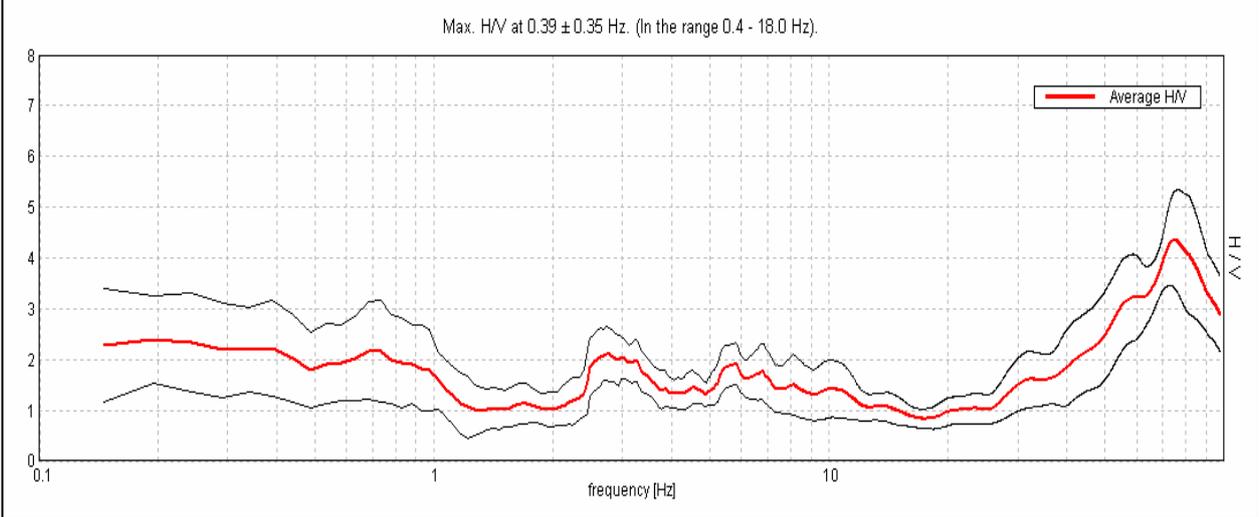
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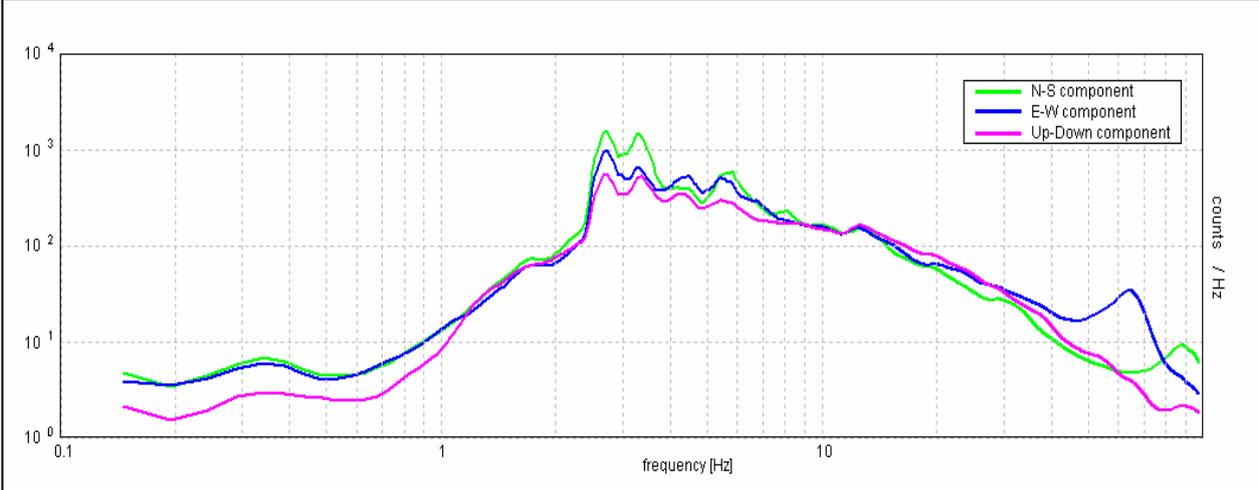
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DATA: 10-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 20,6 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

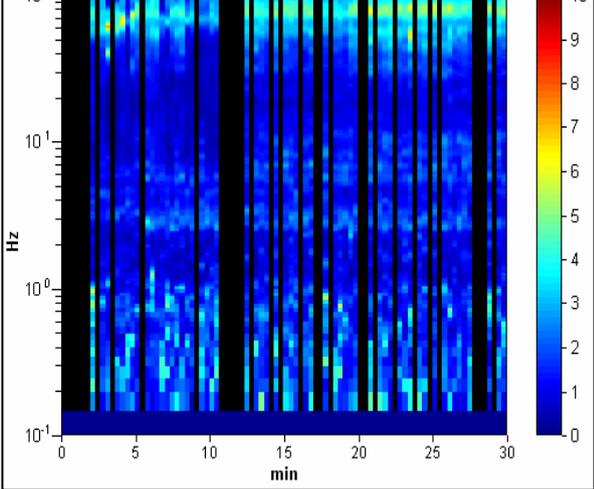
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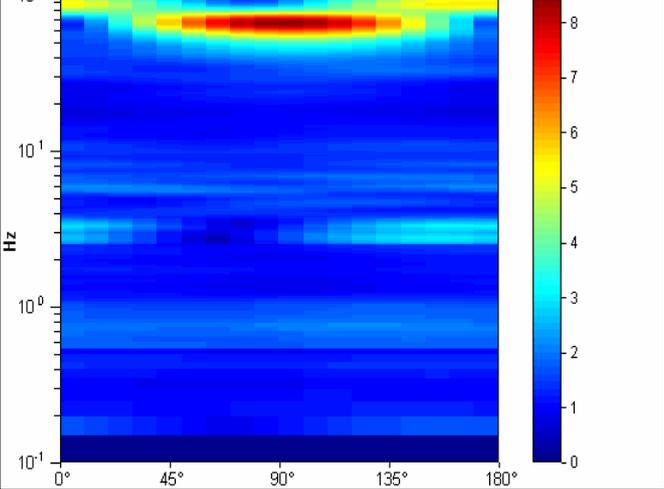
Ampiezza spettrale



Stabilità



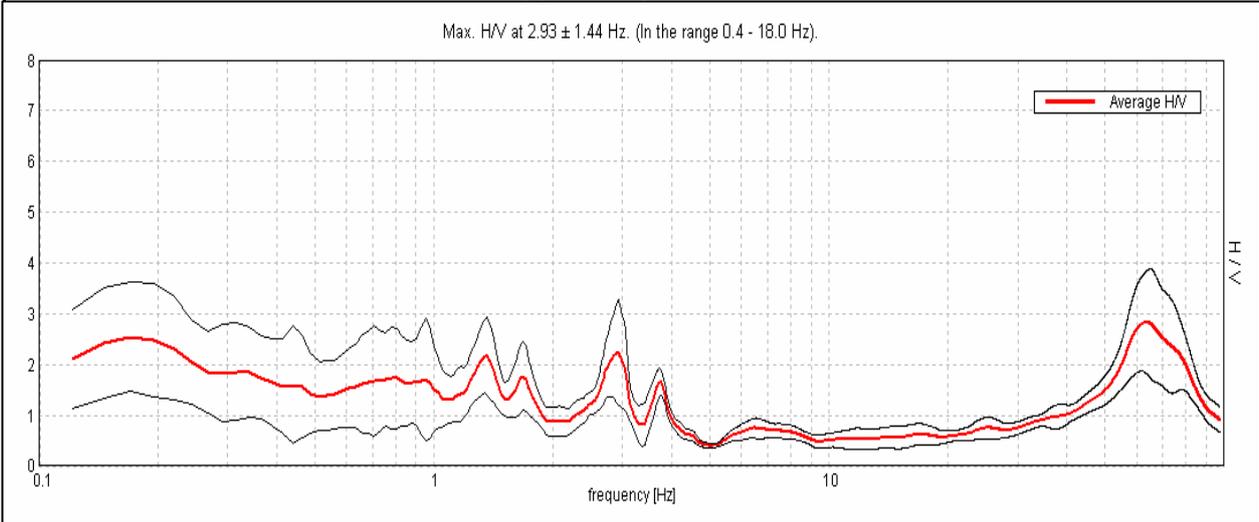
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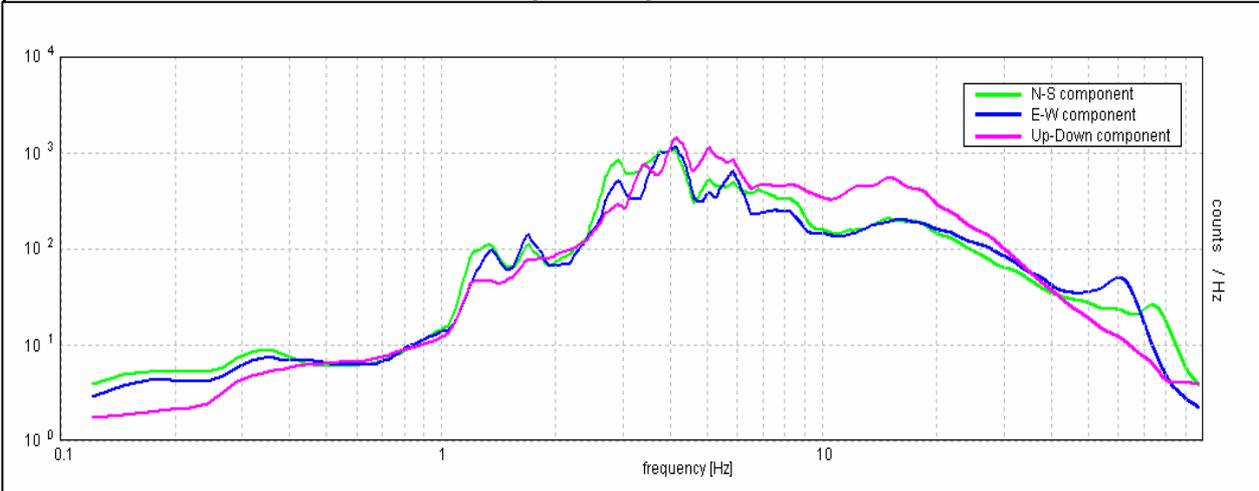
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DATA: 10-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21,0 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

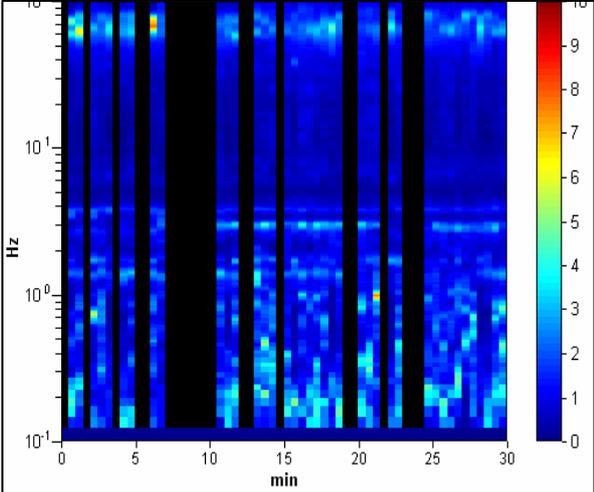
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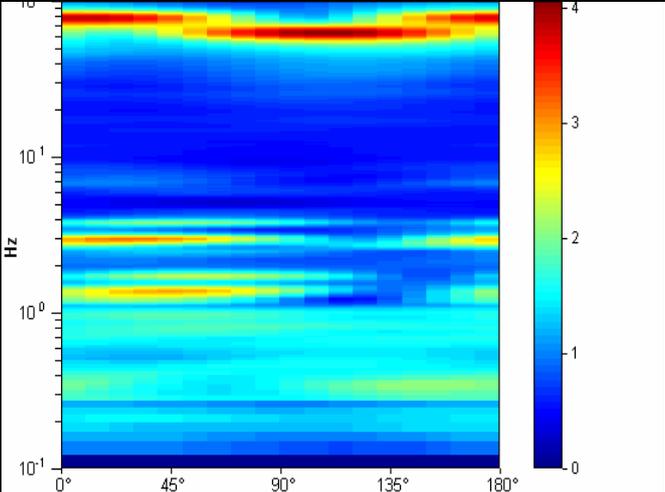
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Stabilità



Direzionalità

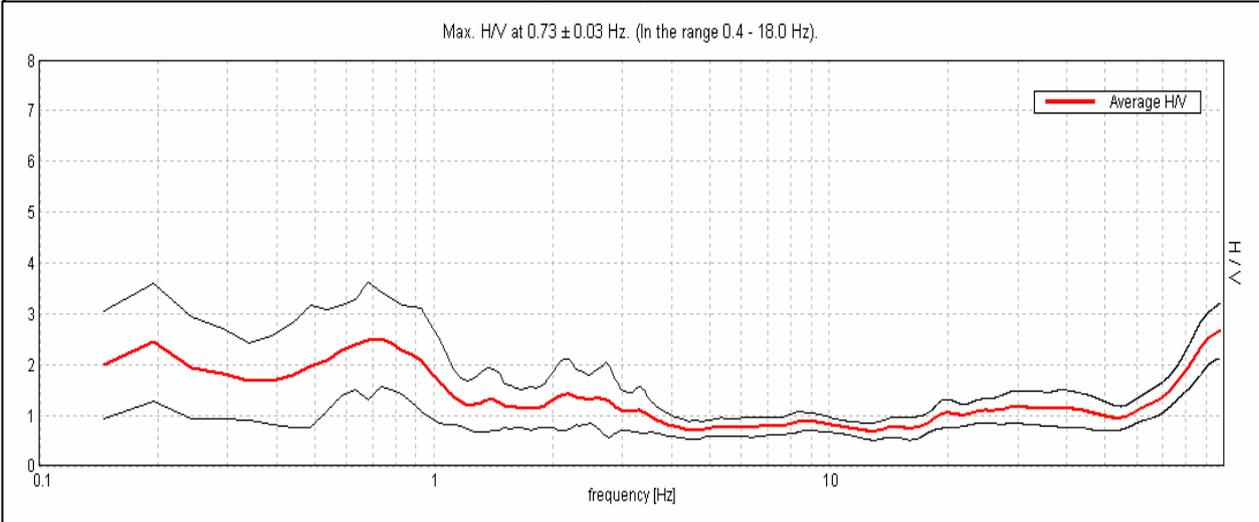


CENTROGEO P.zza S.Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 12
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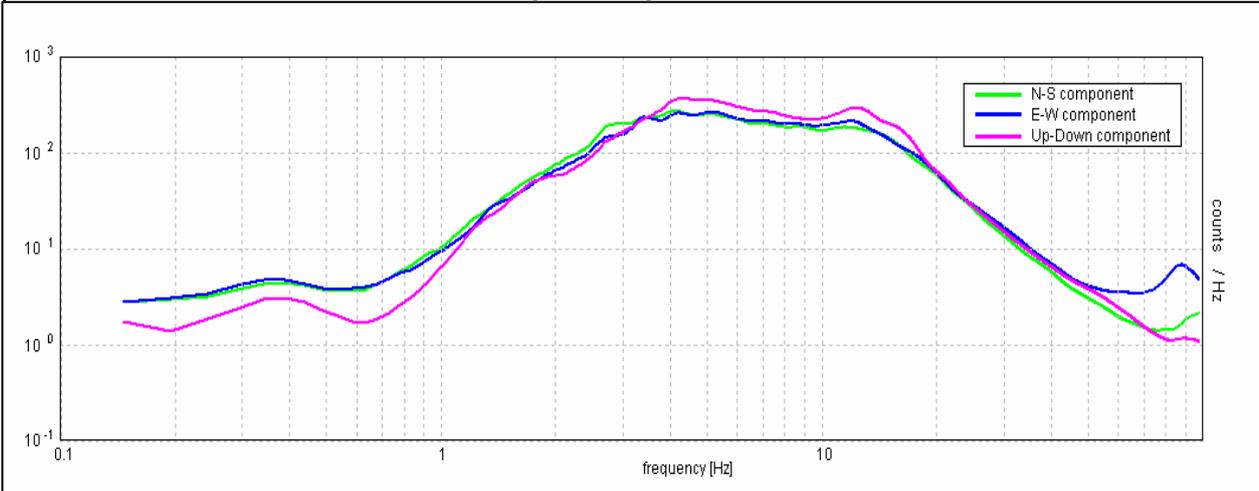
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

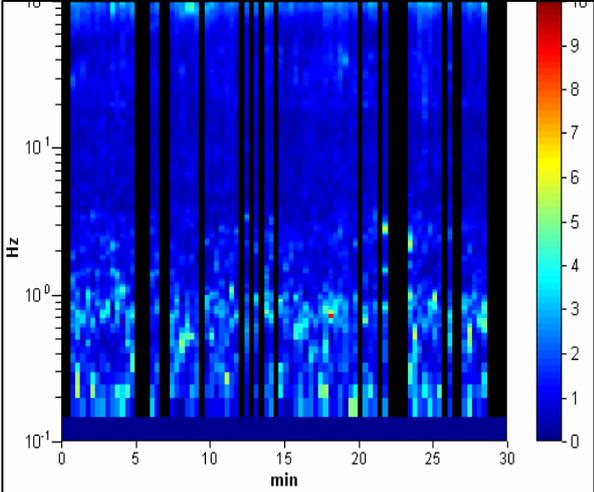
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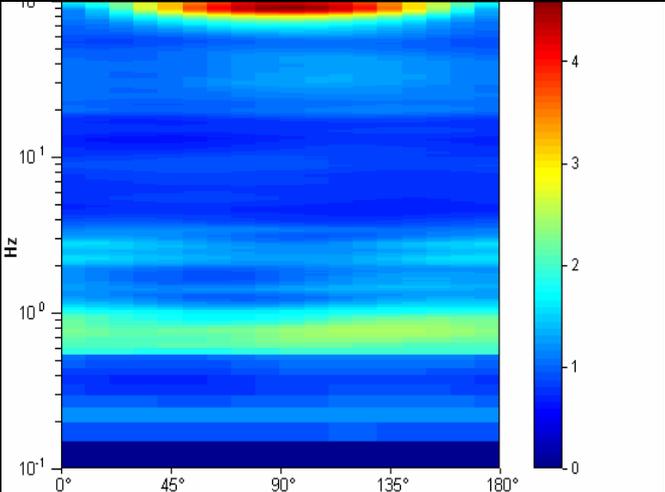
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Stabilità



Direzionalità

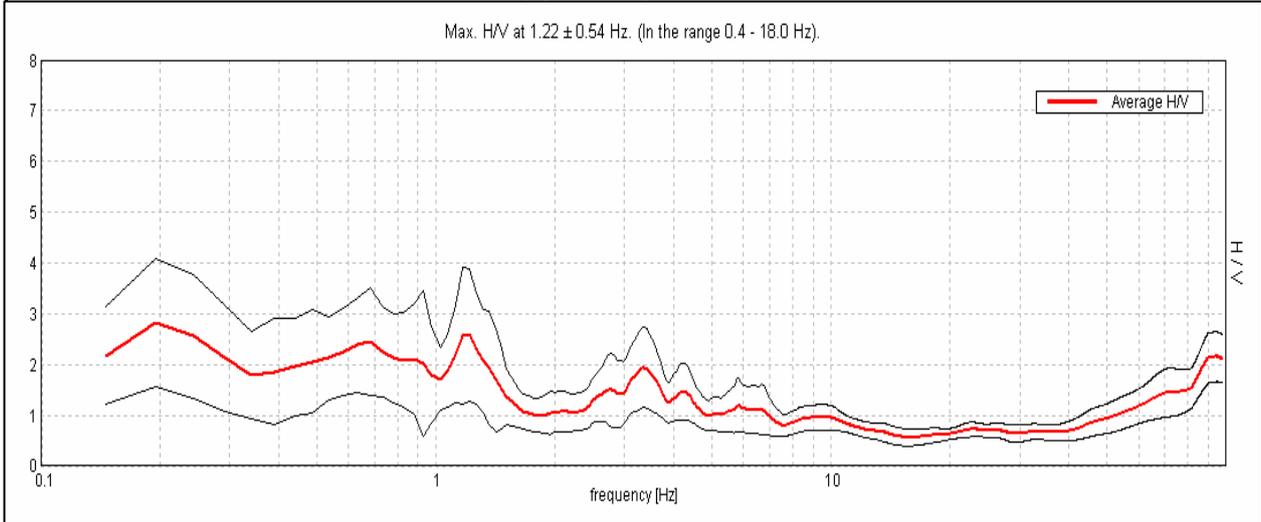


CENTROGEO P.zza S. Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 13
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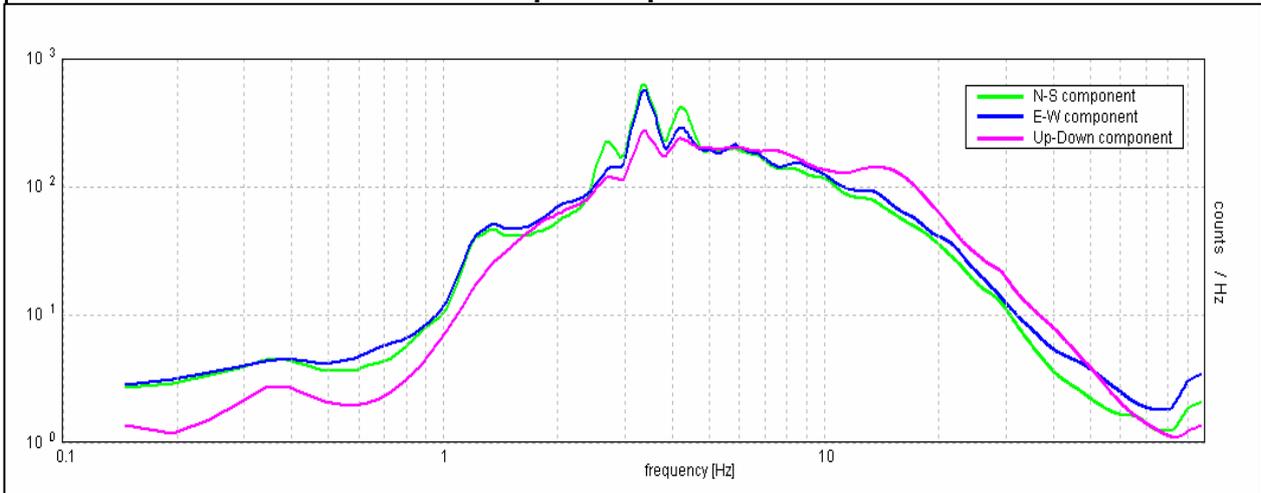
LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 11-03-2014	CANTIERE: Microzonazione Sismica
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

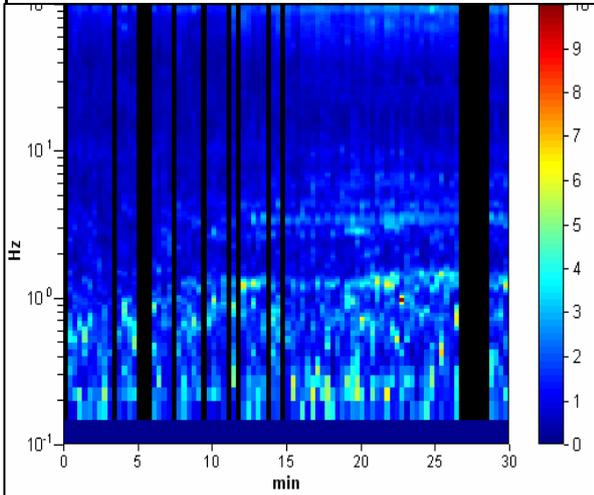
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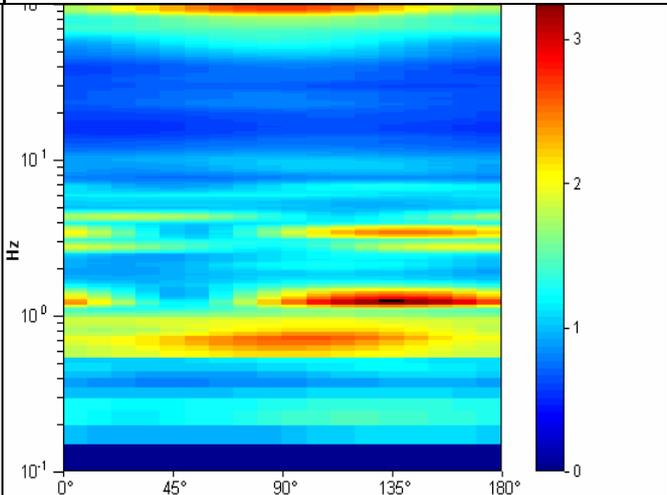
Ampiezza spettrale



Stabilità



Direzionalità

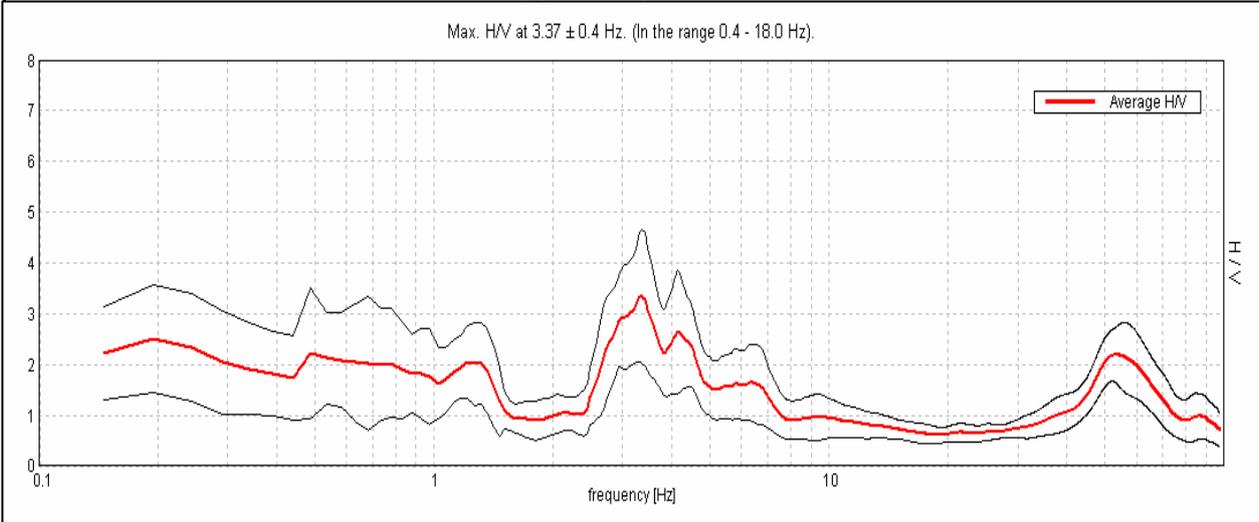


CENTROGEO P.zza S.Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 14
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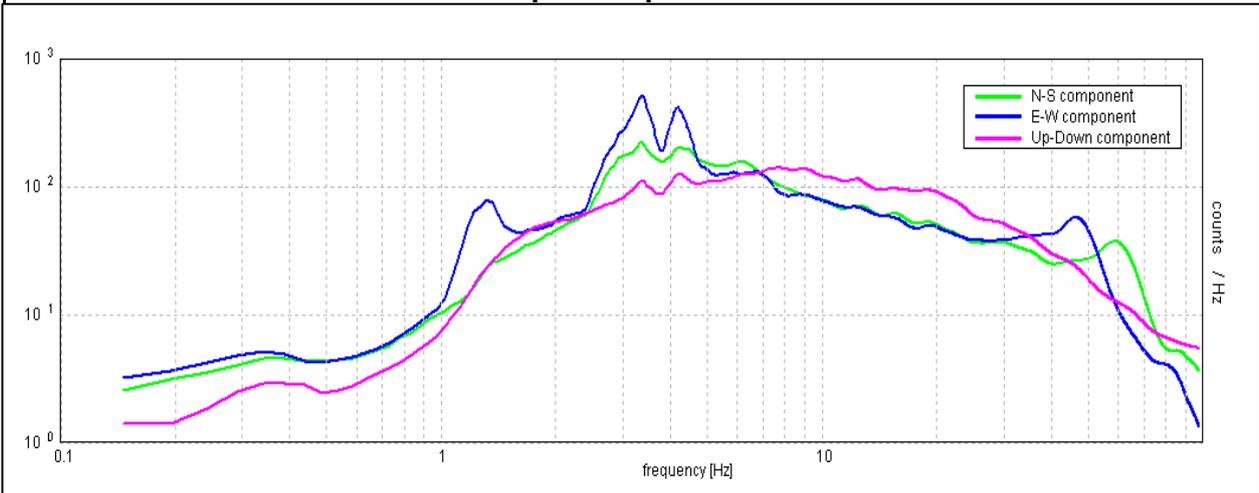
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DATA: 11-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21,5 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

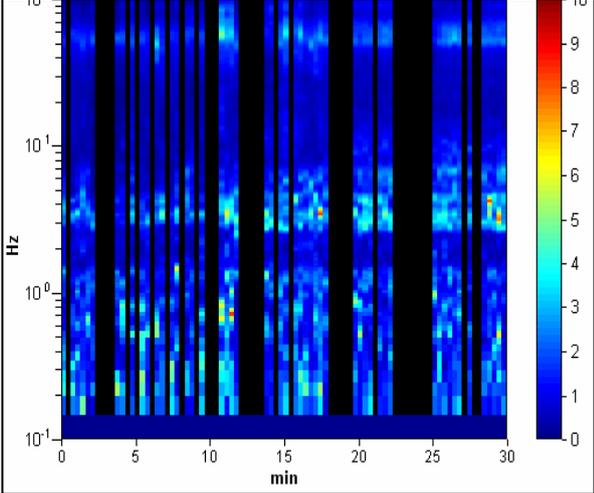
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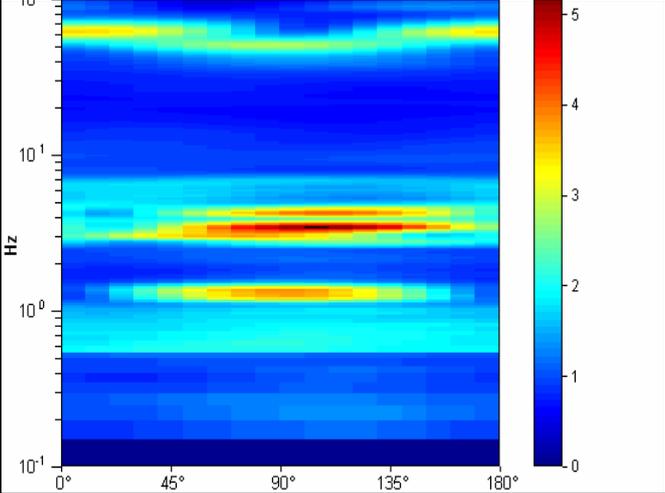
Ampiezza spettrale



Stabilità



Direzionalità

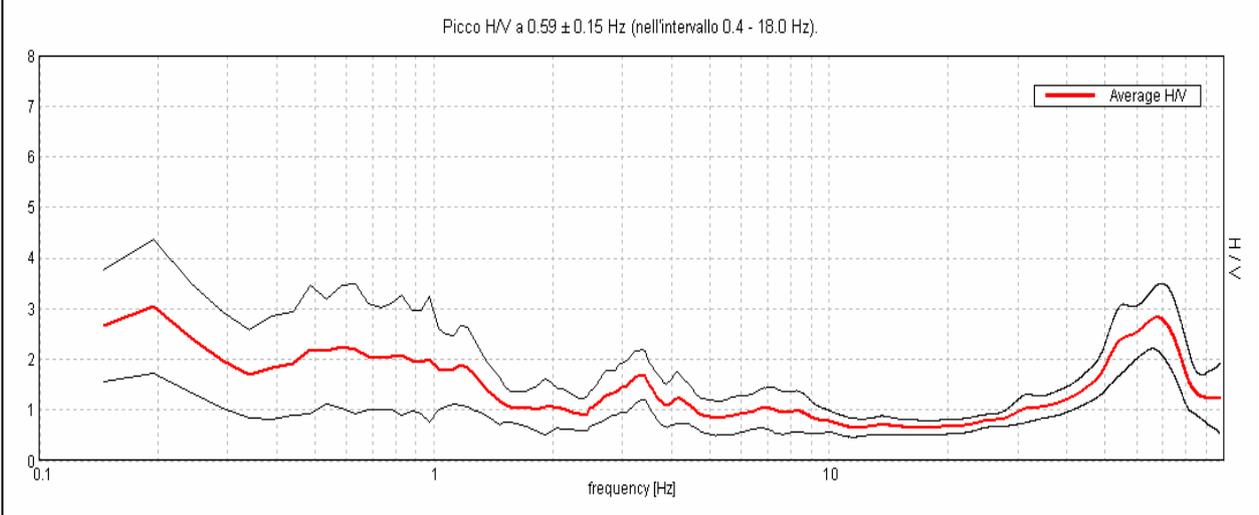


CENTROGEO P.zza S.Quirino, 6 - 42015 CORREGGIO	INDAGINE HVSR 15
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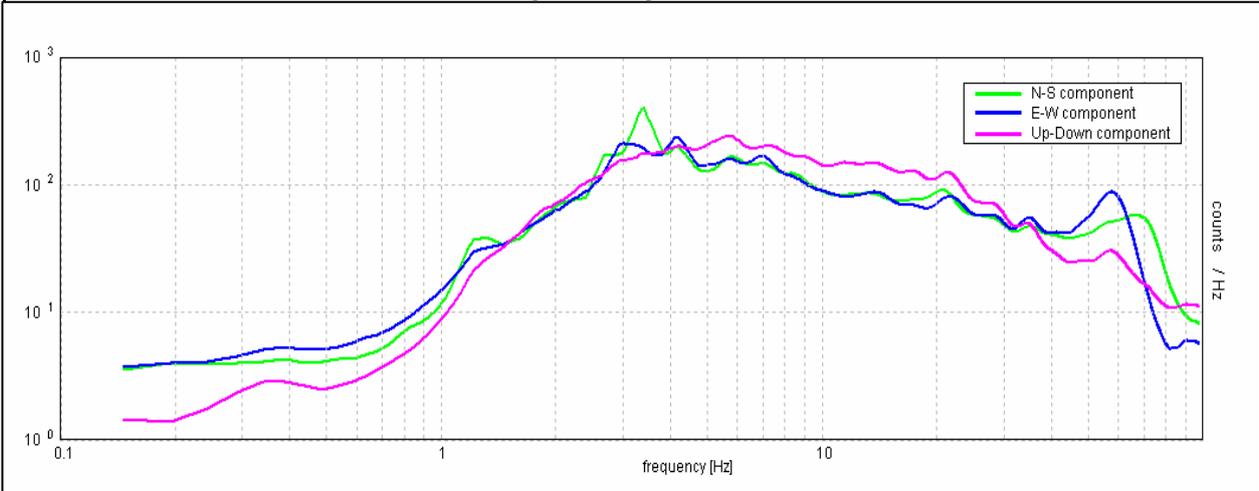
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DATA: 11-03-2014	CANTIERE: Microzonazione Sismica
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Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

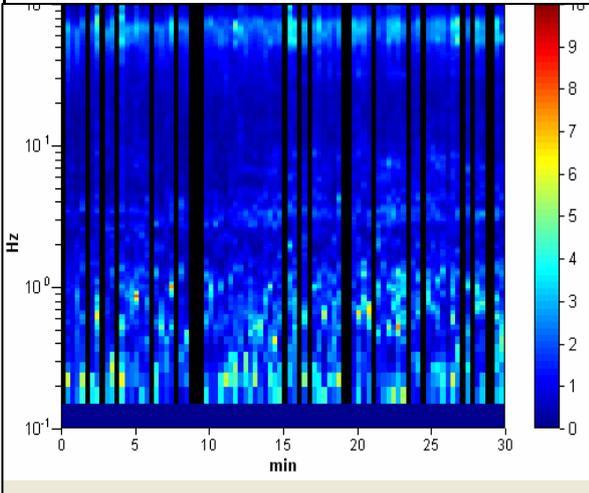
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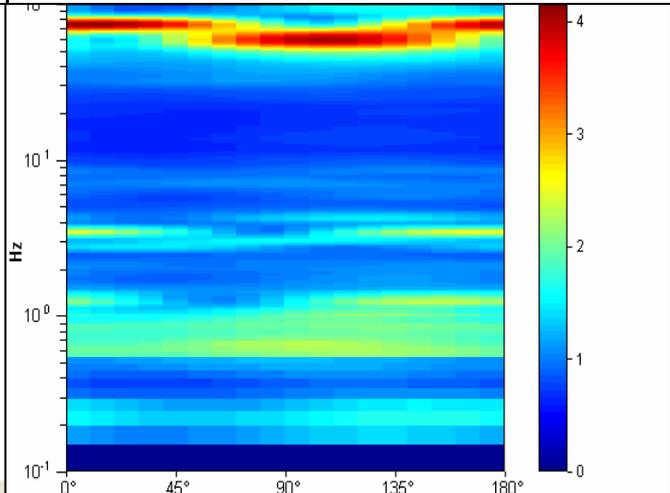
Ampiezza spettrale



Stabilità



Direzionalità



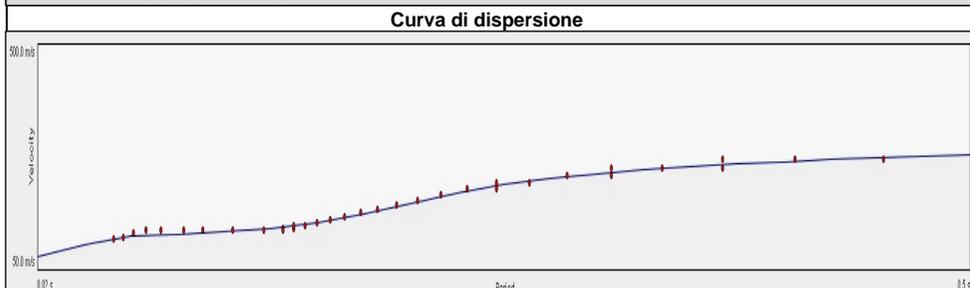
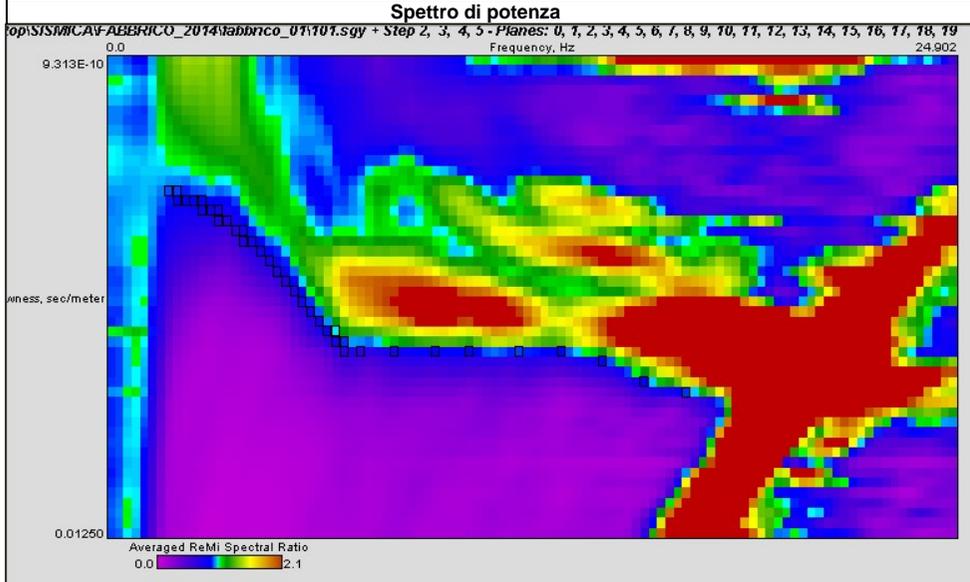
INDAGINI Re.Mi-MASW

STUDIO GEOLOGICO CENTROGEO

42015 Correggio (RE) - Piazza S.Quirino, 6 - tel 0522/641001 - Fax: 632162

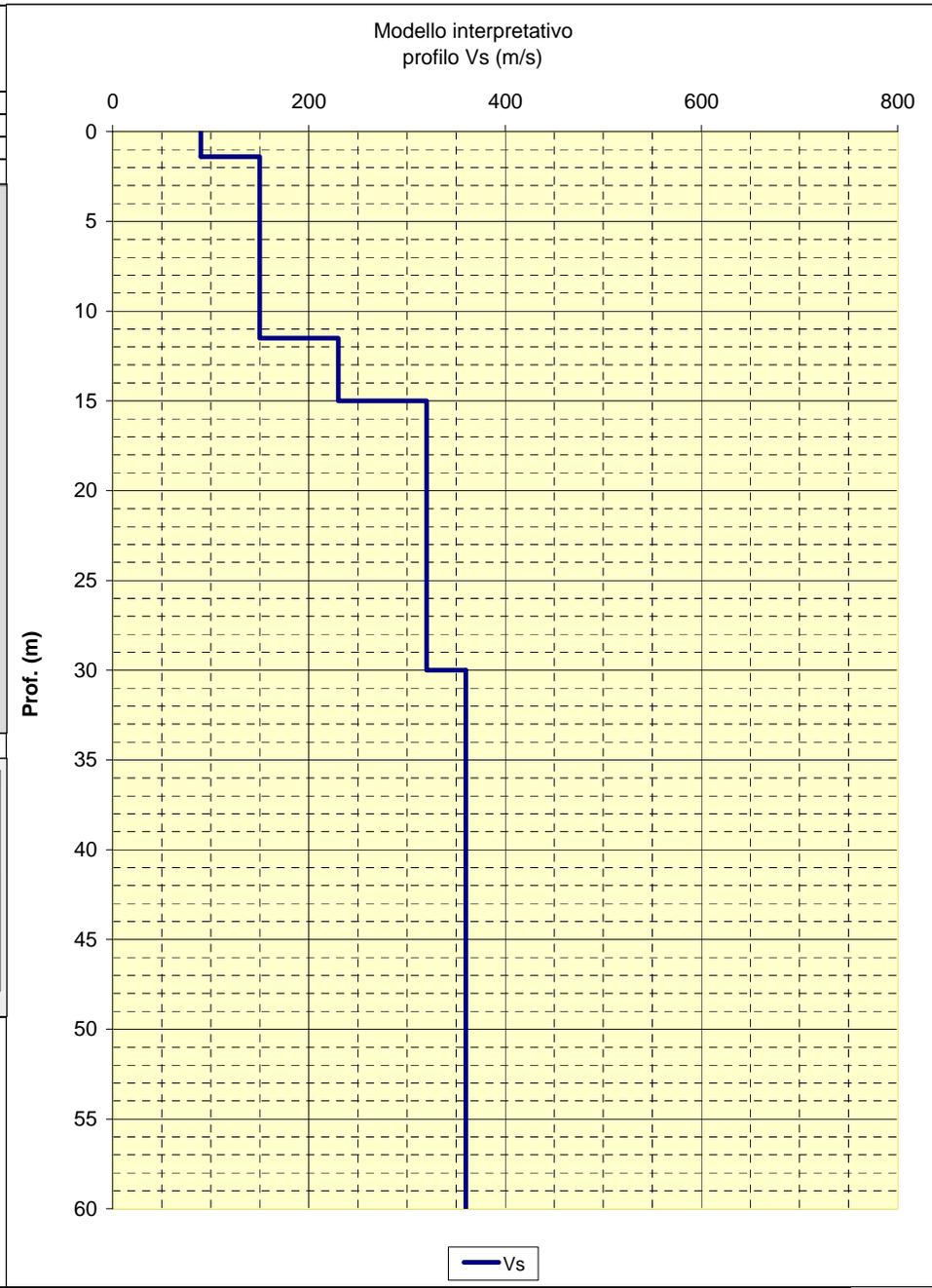
CENTROGEO P.zza S. Quirino, 6 - 42015 Correggio (RE)	INDAGINE MASW/Re.Mi. 01
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 18,5 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	1.4	1.4	90
2	1.4	11.5	10.1	150
3	11.5	15	3.5	230
4	15	30	15	320
5	30	INF	INF	360
6				
7				
8				
9				
10				

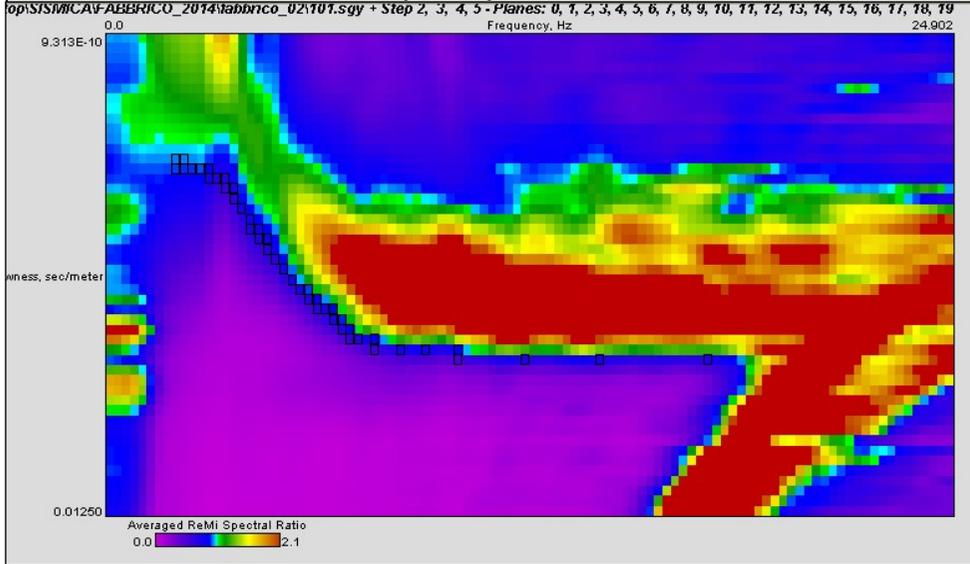


CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

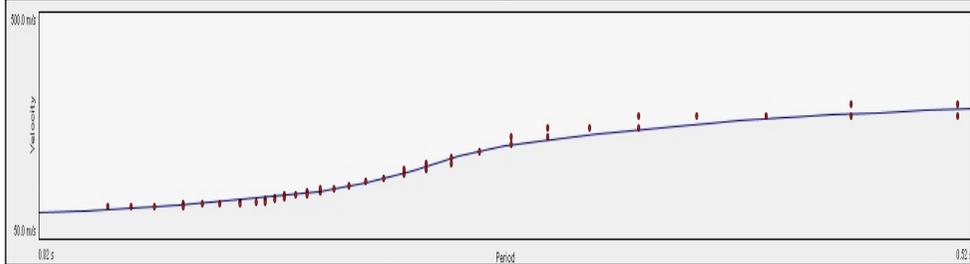
INDAGINE MASW/Re.Mi.
02

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 06-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 20 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.

Spettro di potenza



Curva di dispersione

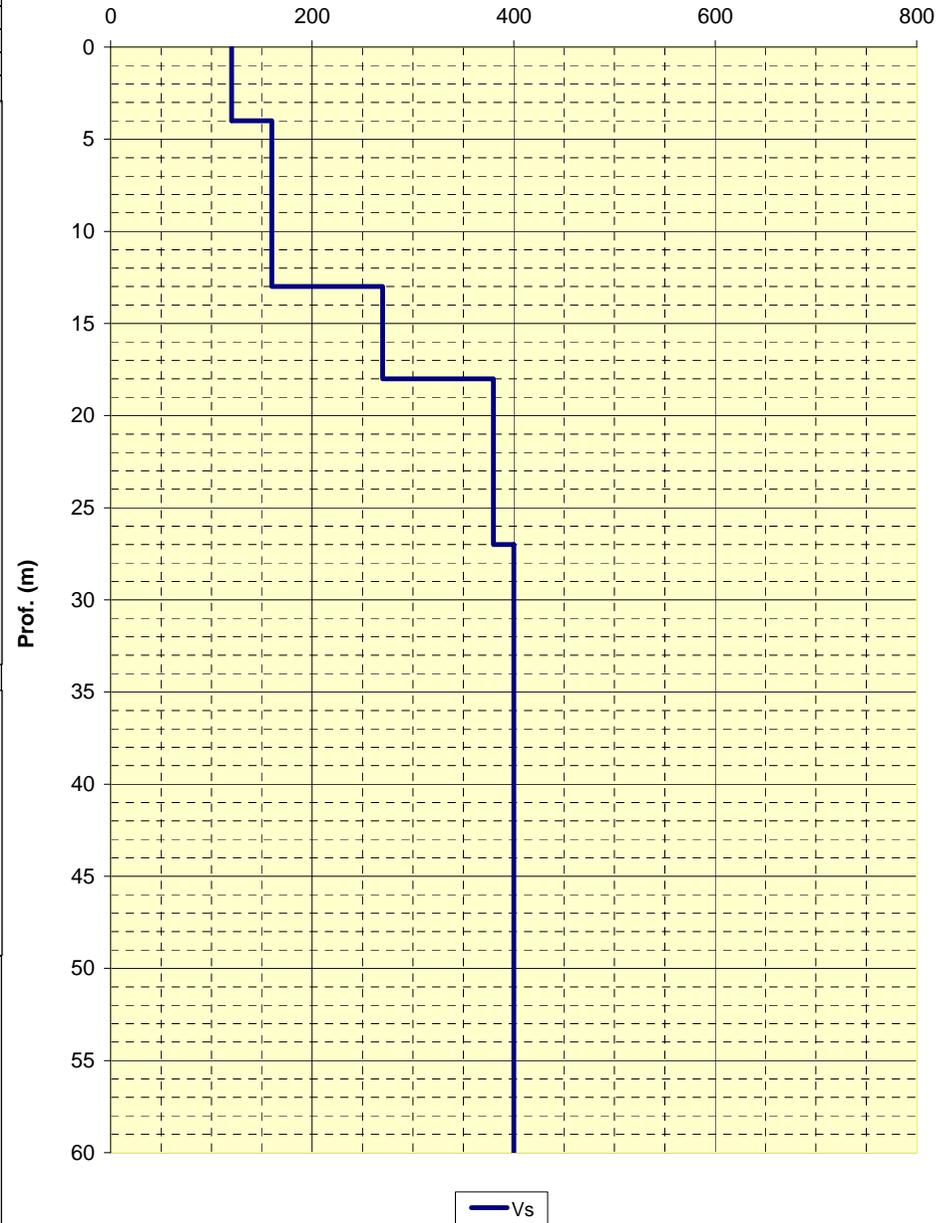


Modello interpretativo

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	4	120
2	4	13	160
3	13	18	270
4	18	27	380
5	27	INF	400
6			
7			
8			
9			
10			

Note:

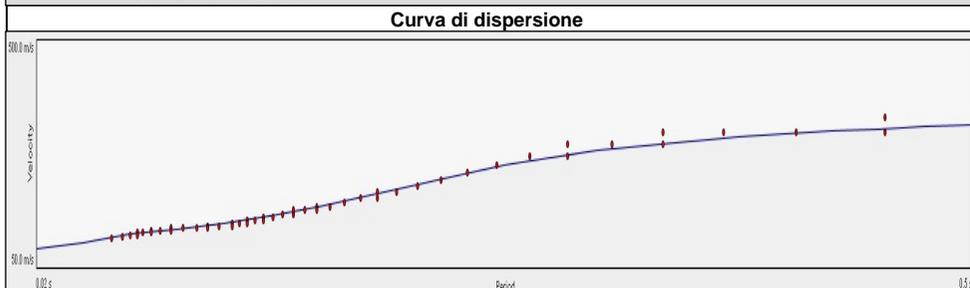
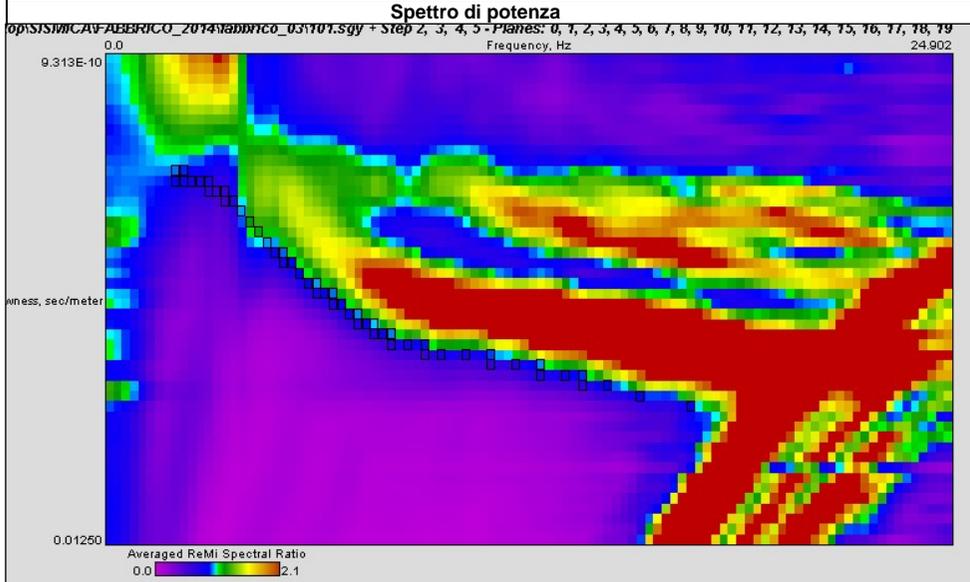
Modello interpretativo
profilo Vs (m/s)



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

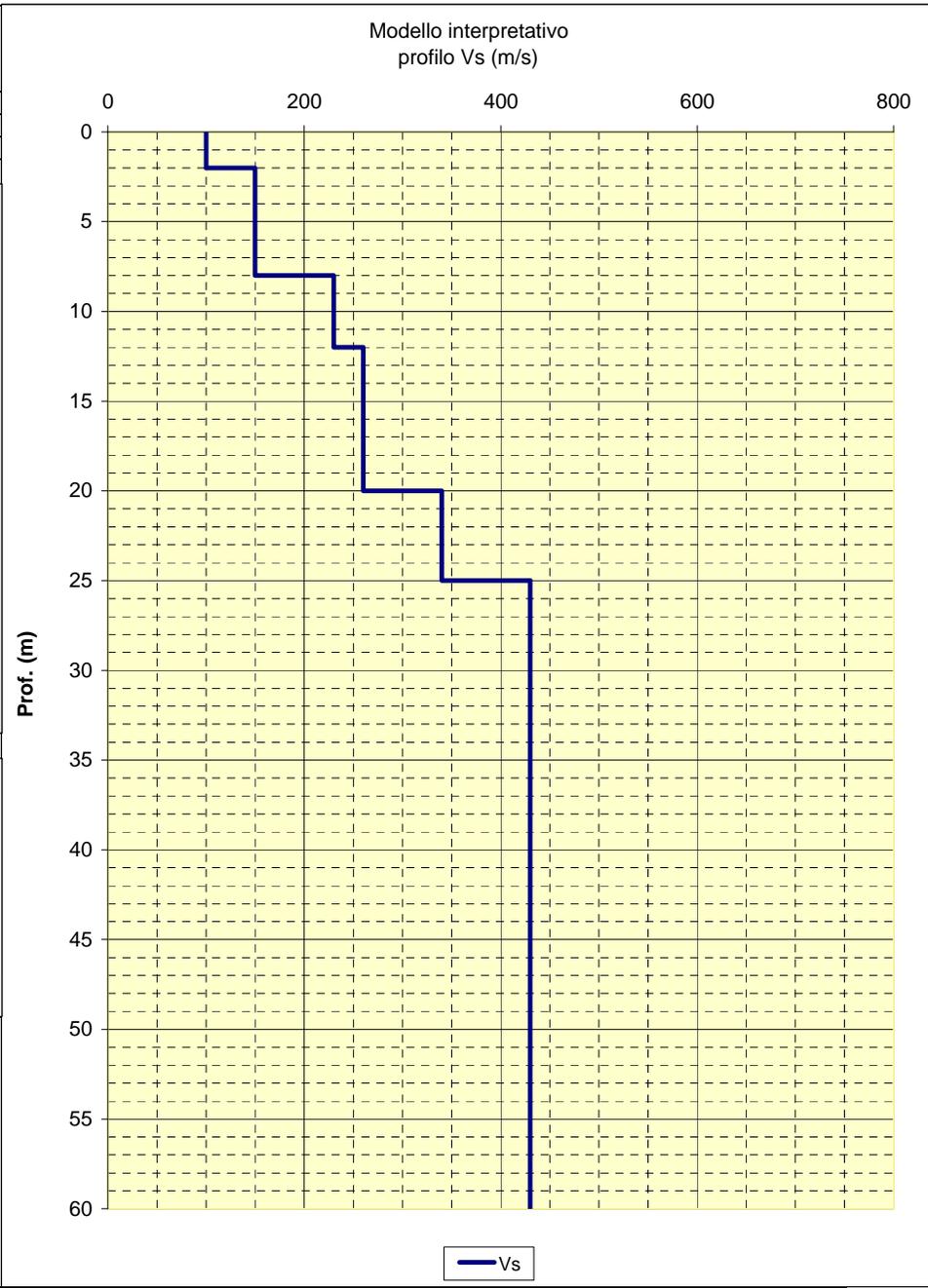
INDAGINE MASW/Re.Mi.
03

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 06-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 22 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



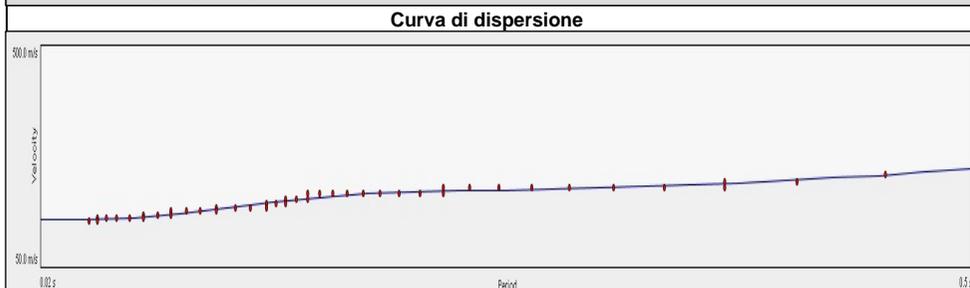
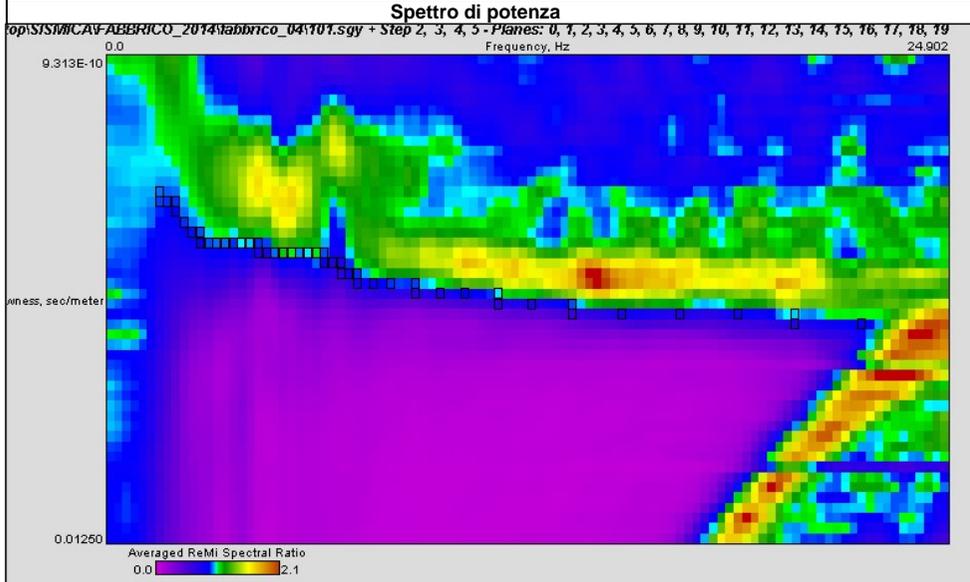
Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	2	2	100
2	2	8	6	150
3	8	12	4	230
4	12	20	8	260
5	20	25	5	340
6	25	INF	INF	430
7				
8				
9				
10				



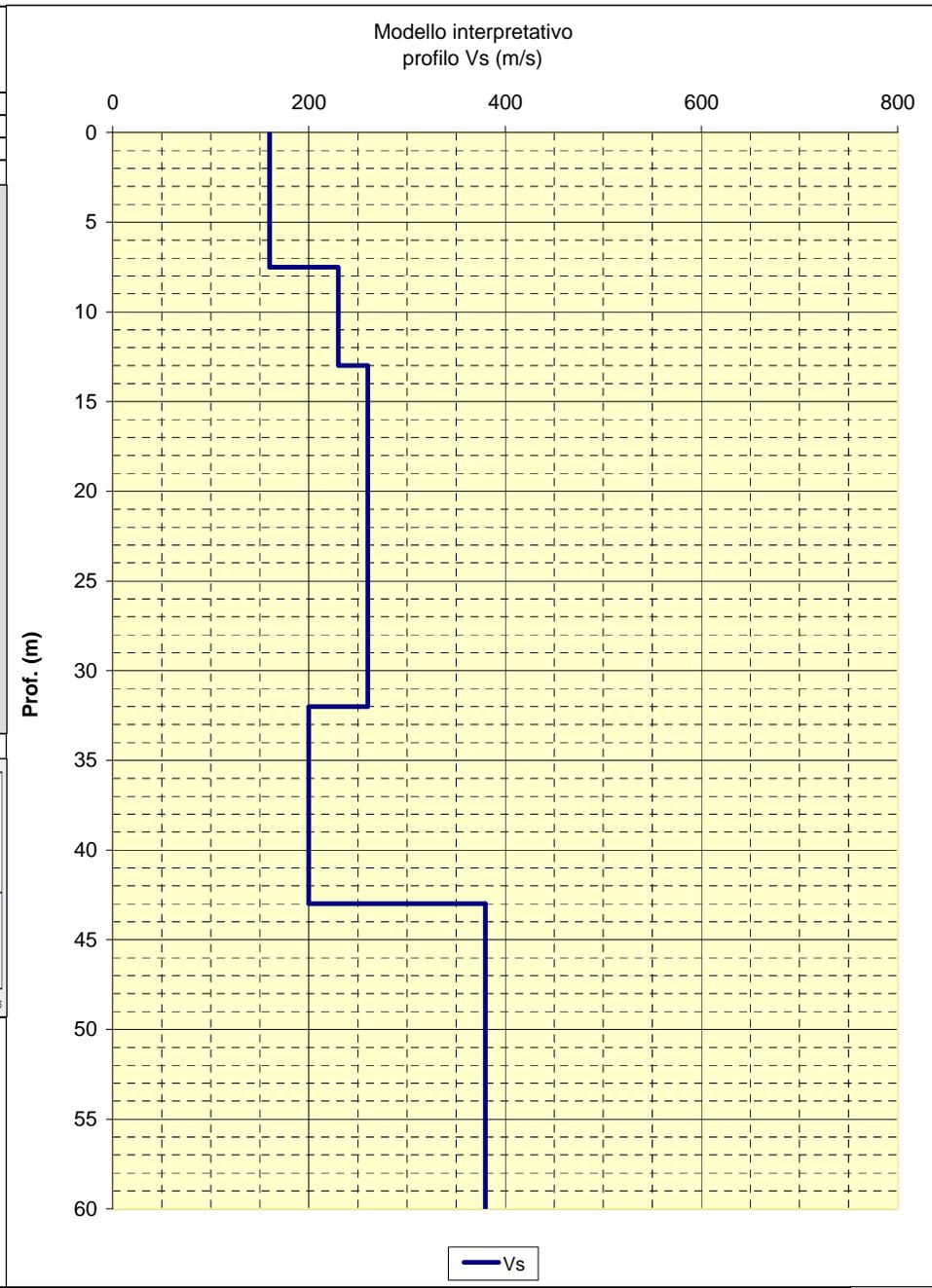
CENTROGEO P.zza S. Quirino, 6 - 42015 Correggio (RE)	INDAGINE MASW/Re.Mi. 04
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 06-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21.5 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.



Note:

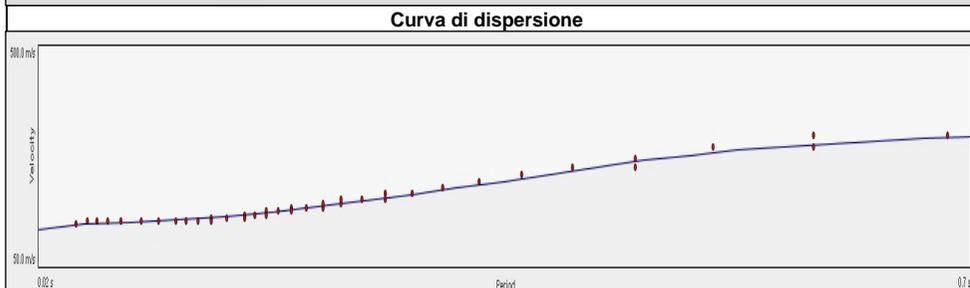
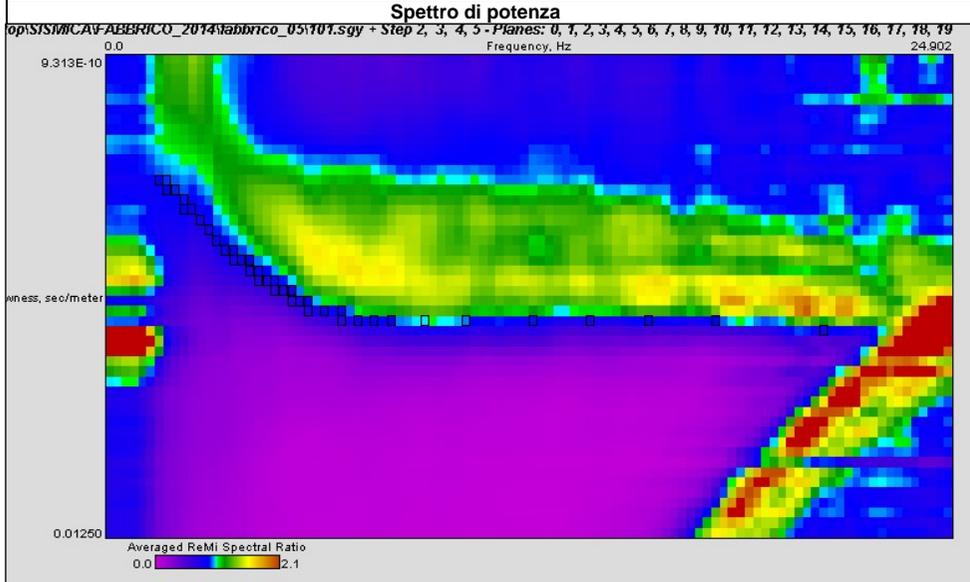
Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	7.5	7.5	160
2	7.5	13	5.5	230
3	13	32	19	260
4	32	43	11	200
5	43	INF	INF	380
6				
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

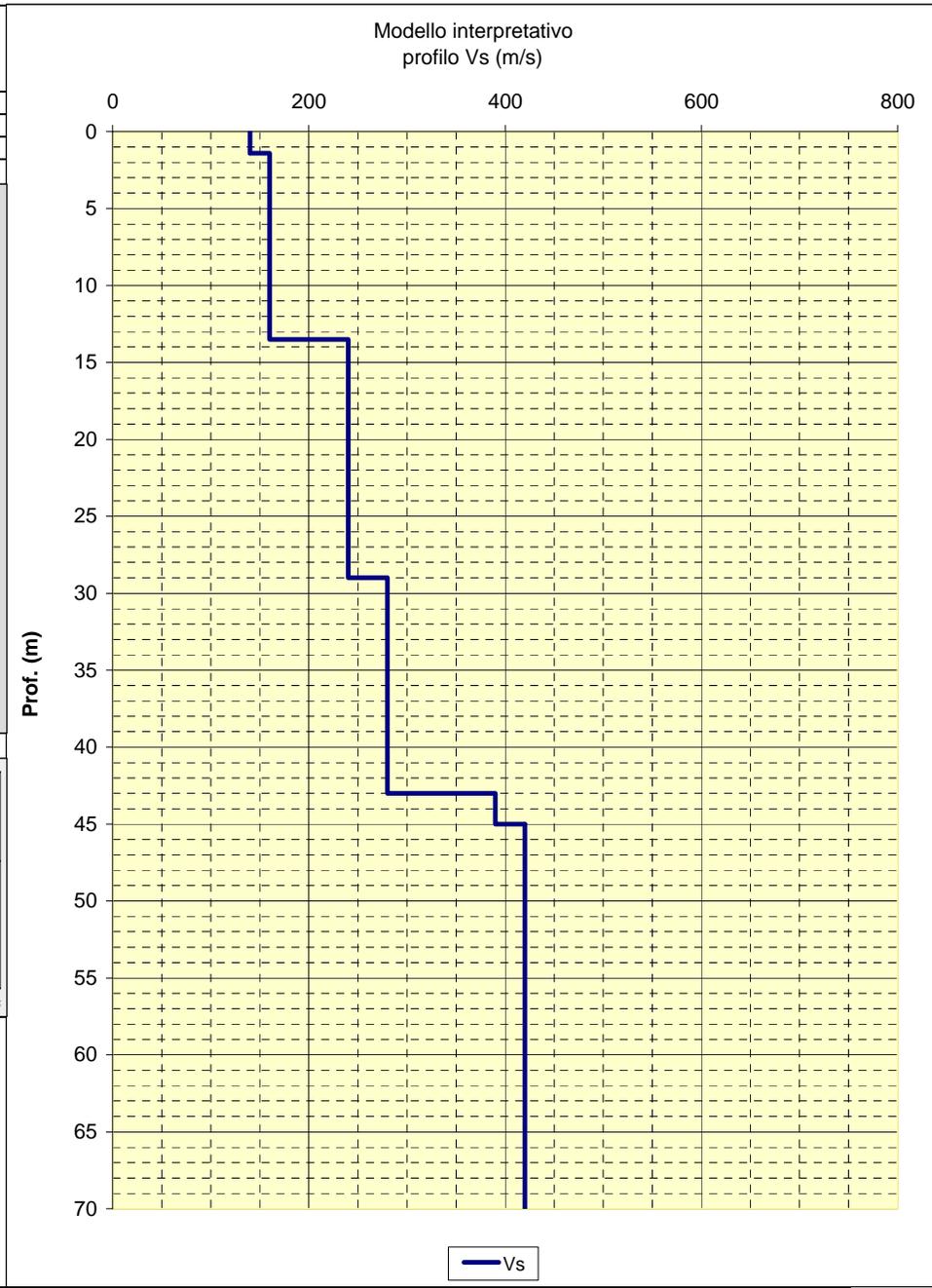
INDAGINE MASW/Re.Mi.
05

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 06-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 20.0 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

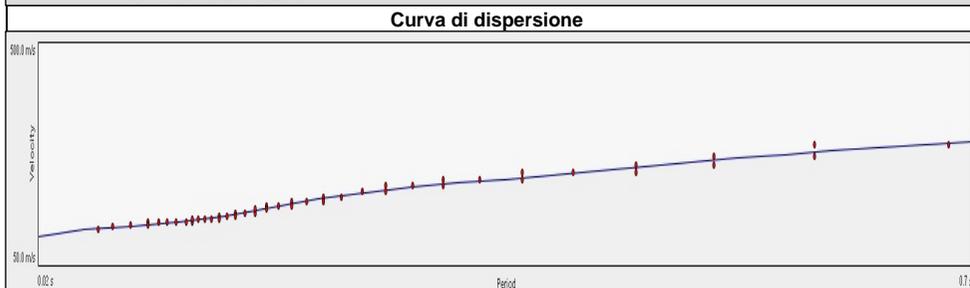
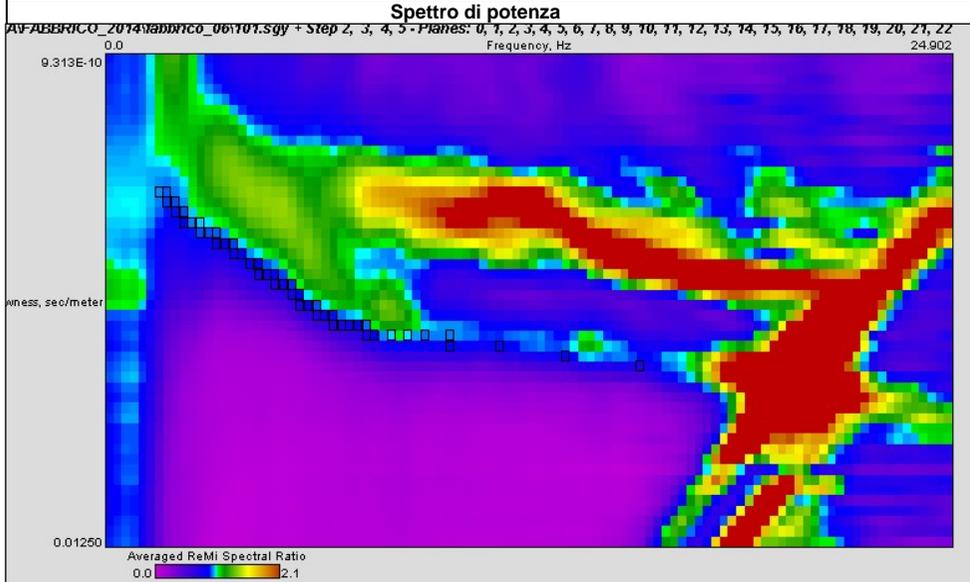
Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	1.4	1.4	140
2	1.4	13.5	12.1	160
3	13.5	29	15.5	240
4	29	43	14	280
5	43	45	2	390
6	45	INF	INF	420
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

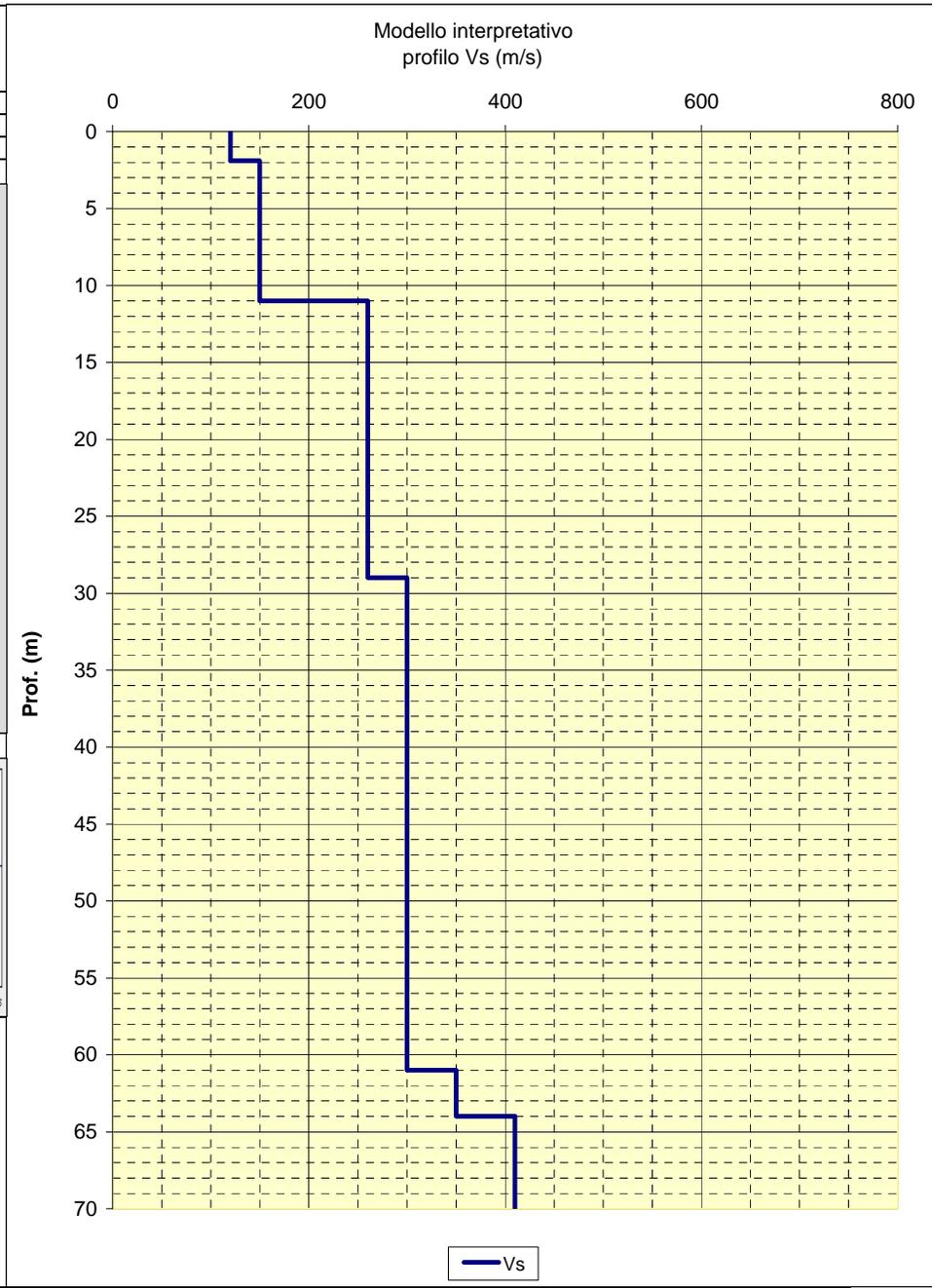
INDAGINE MASW/Re.Mi.
06

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 06-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 18.3 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

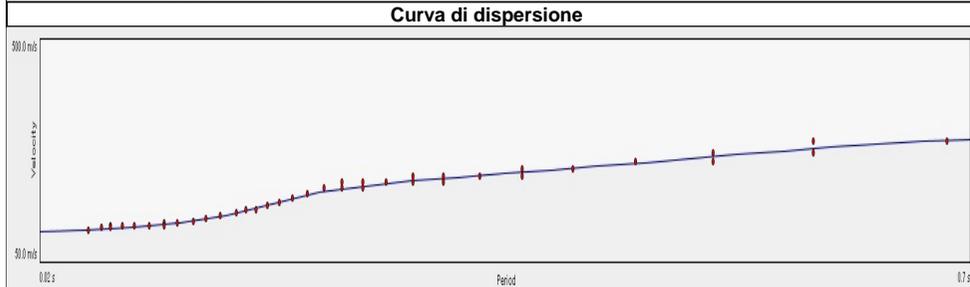
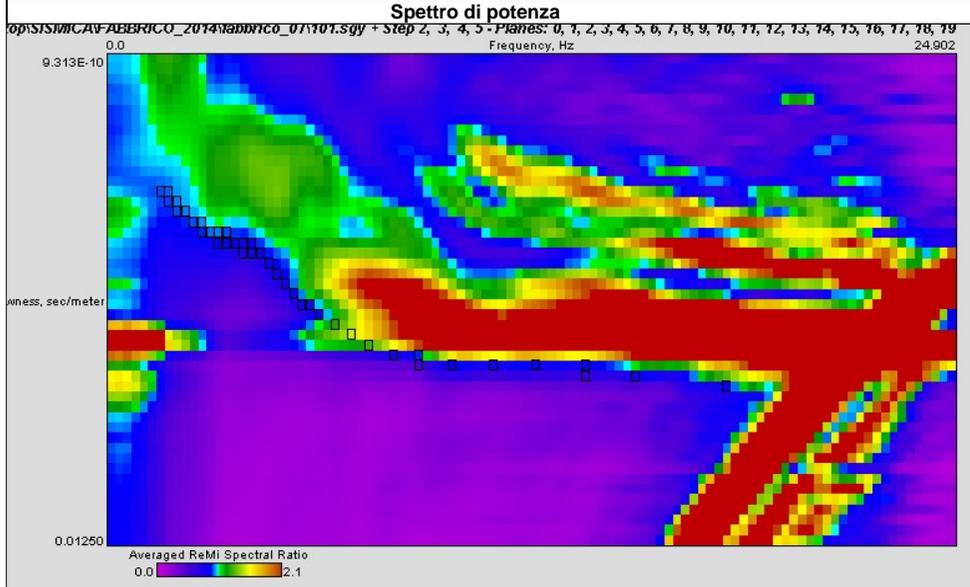
Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	1.9	1.9	120
2	1.9	11	9.1	150
3	11	29	18	260
4	29	61	32	300
5	61	64	3	350
6	64	INF	INF	410
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

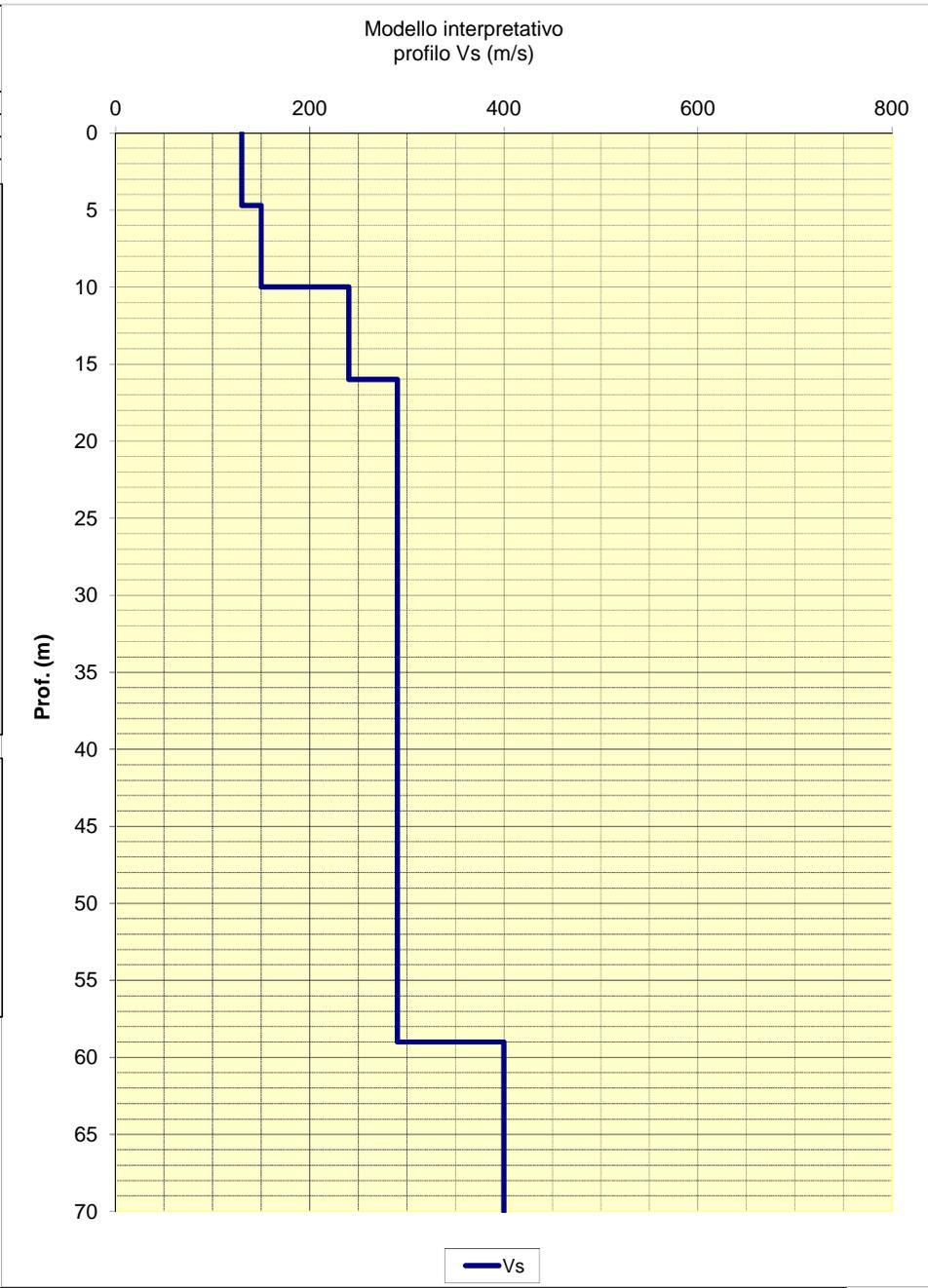
INDAGINE MASW/Re.Mi.
07

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 06-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 19.0 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

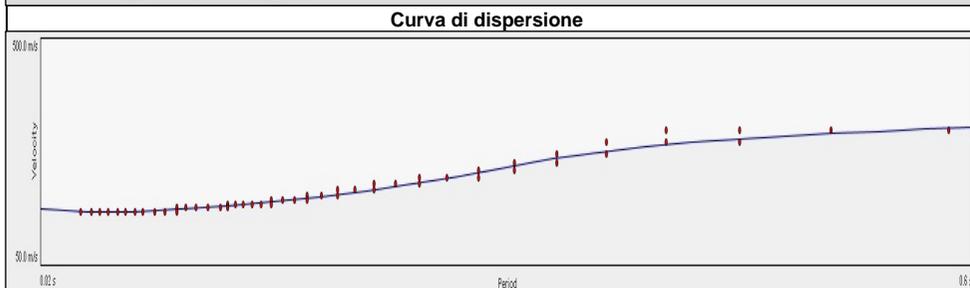
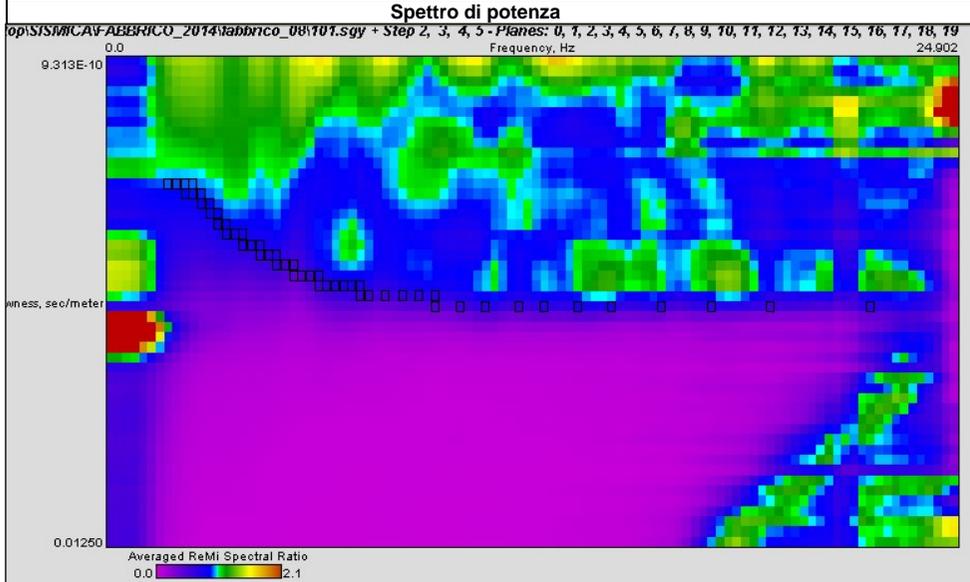
Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	4,7	4,7	130
2	4,7	10	5,3	150
3	10	16	6	240
4	16	59	43	290
5	59	INF	INF	400
6				
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

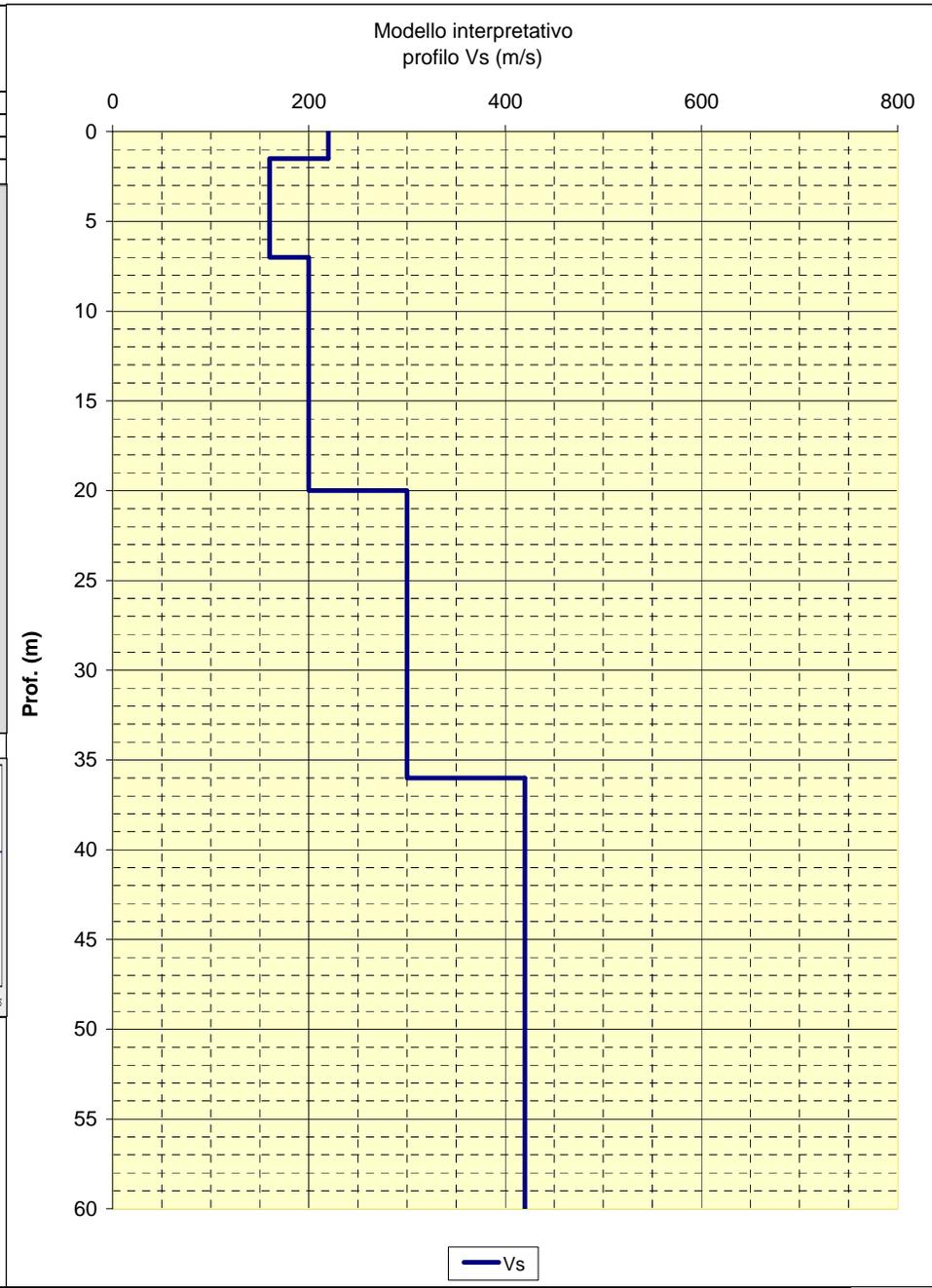
INDAGINE MASW/Re.Mi.
08

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 06-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 19.0 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

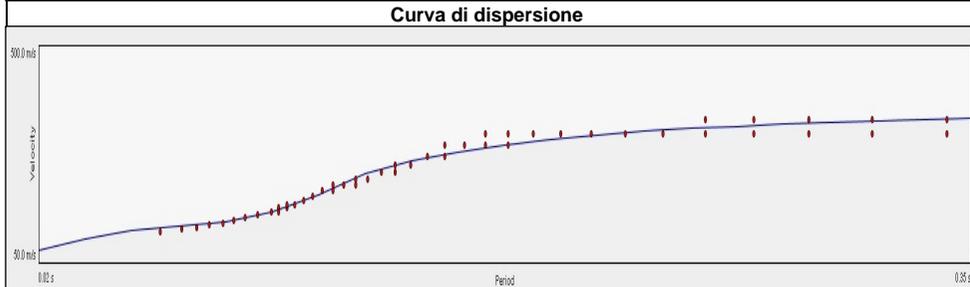
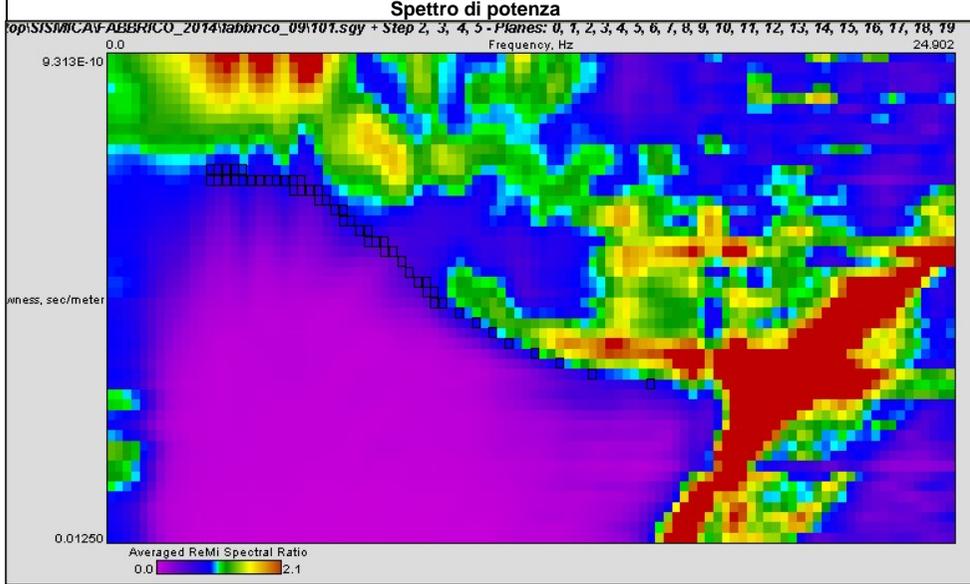
Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	1.5	1.5	220
2	1.5	7	5.5	160
3	7	20	13	200
4	20	36	16	300
5	36	INF	INF	420
6				
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

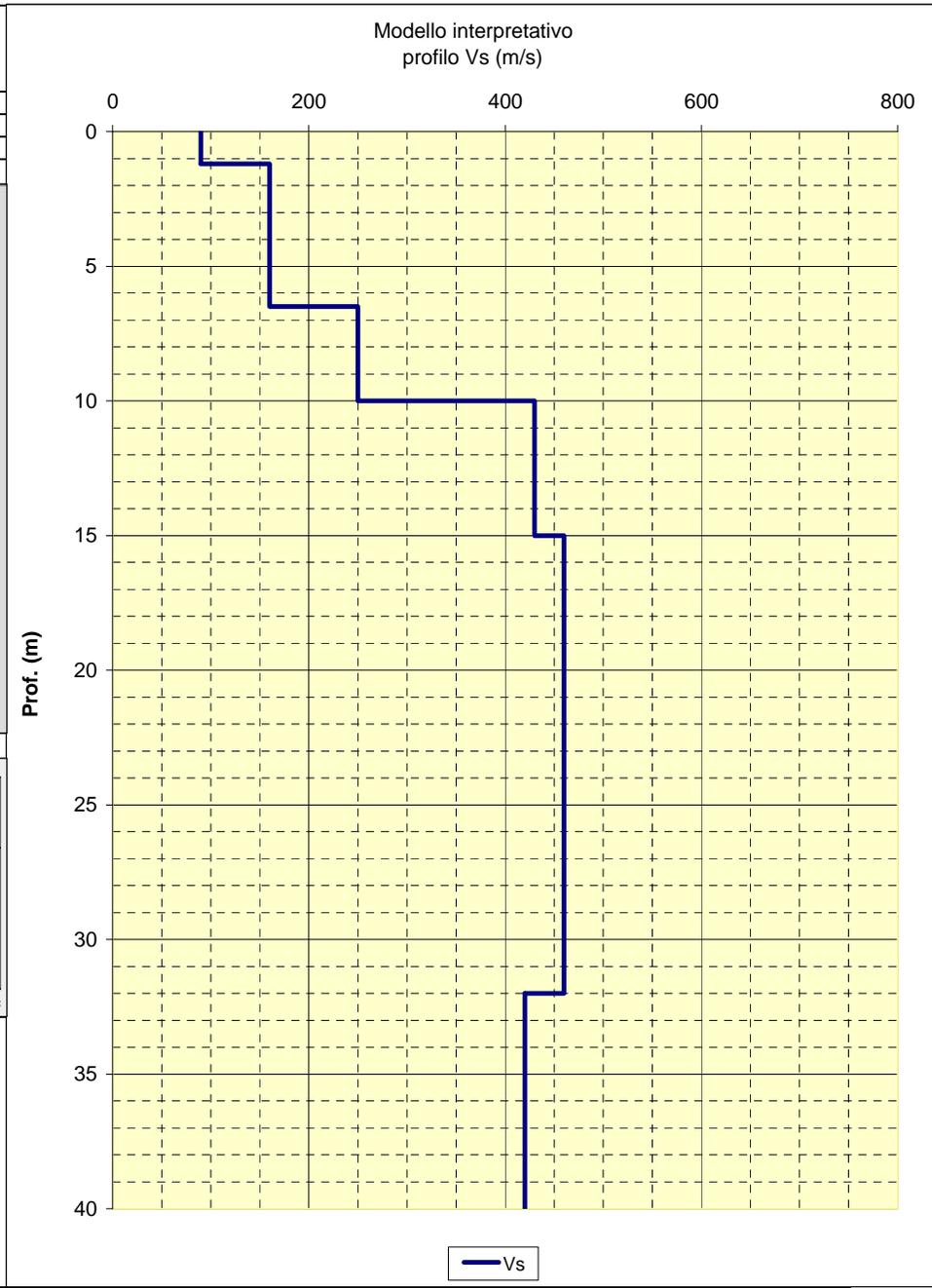
INDAGINE MASW/Re.Mi.
09

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 10-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 20.0 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

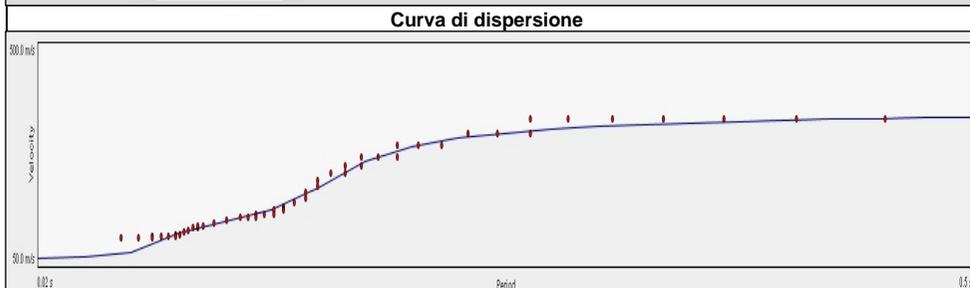
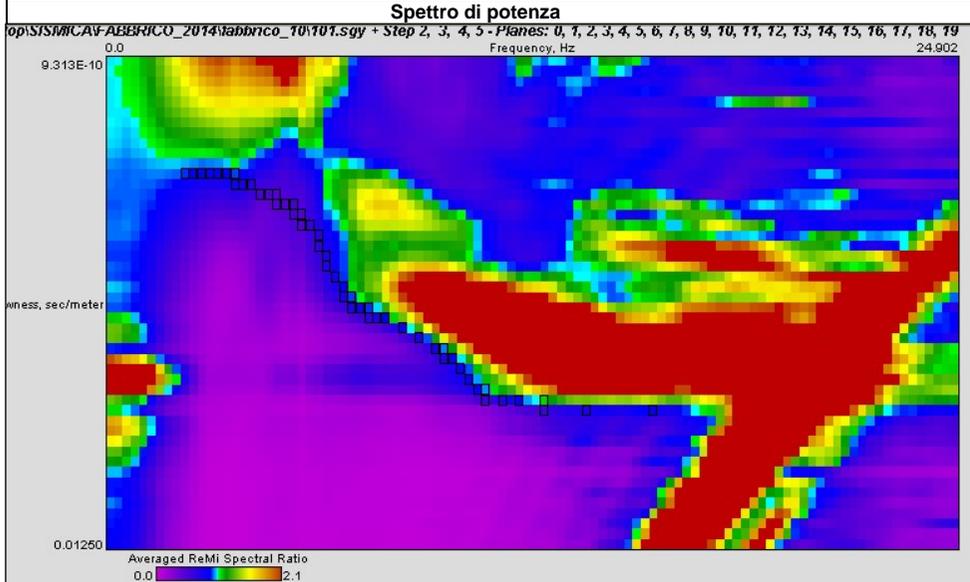
Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	1.2	1.2	90
2	1.2	6.5	5.3	160
3	6.5	10	3.5	250
4	10	15	5	430
5	15	32	17	460
6	32	INF	INF	420
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

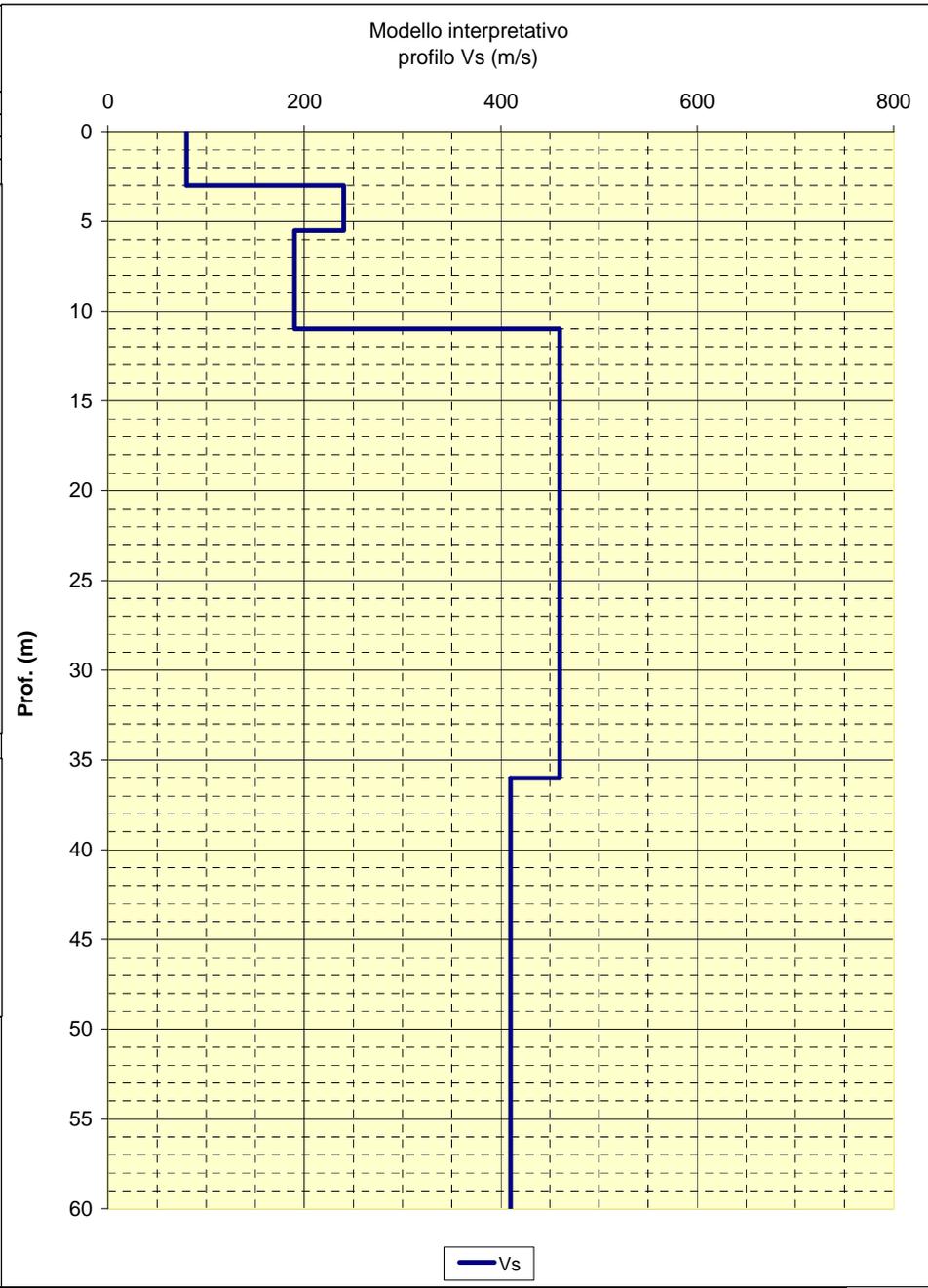
INDAGINE MASW/Re.Mi.
10

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 10-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 20.5 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

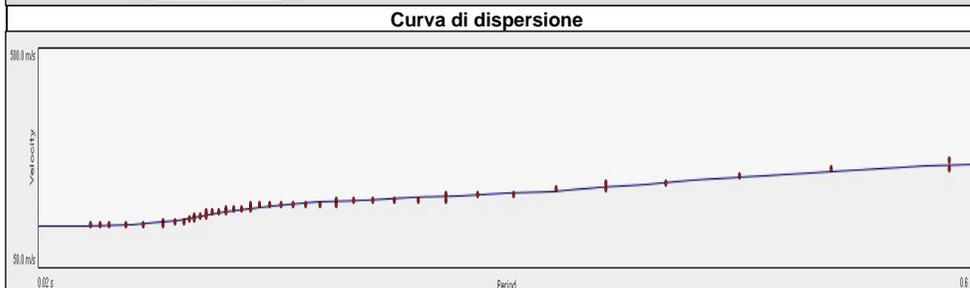
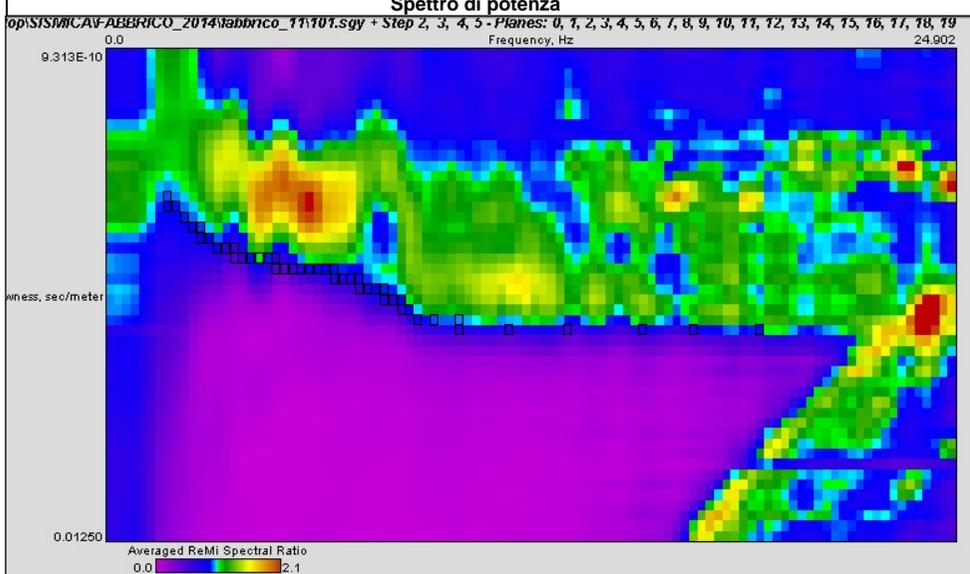
Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	3	3	80
2	3	5.5	2.5	240
3	5.5	11	5.5	190
4	11	36	25	460
5	36	INF	INF	410
6				
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

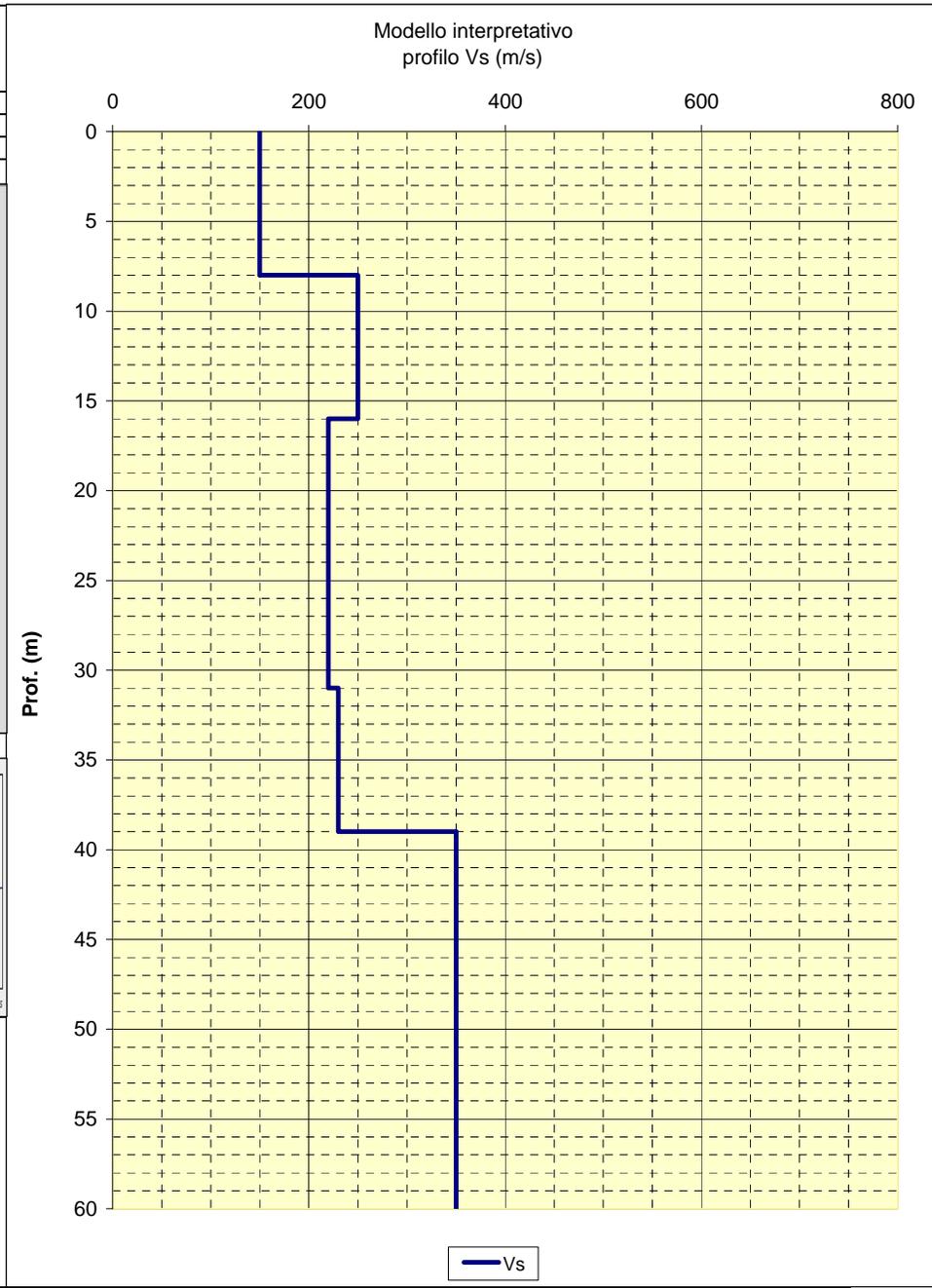
INDAGINE MASW/Re.Mi.
11

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 10-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 21.0 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



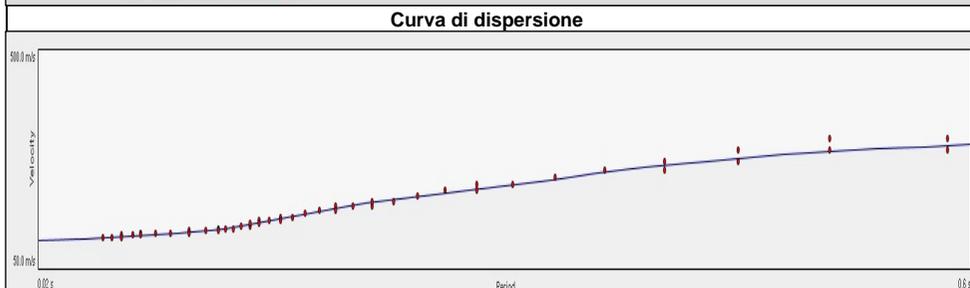
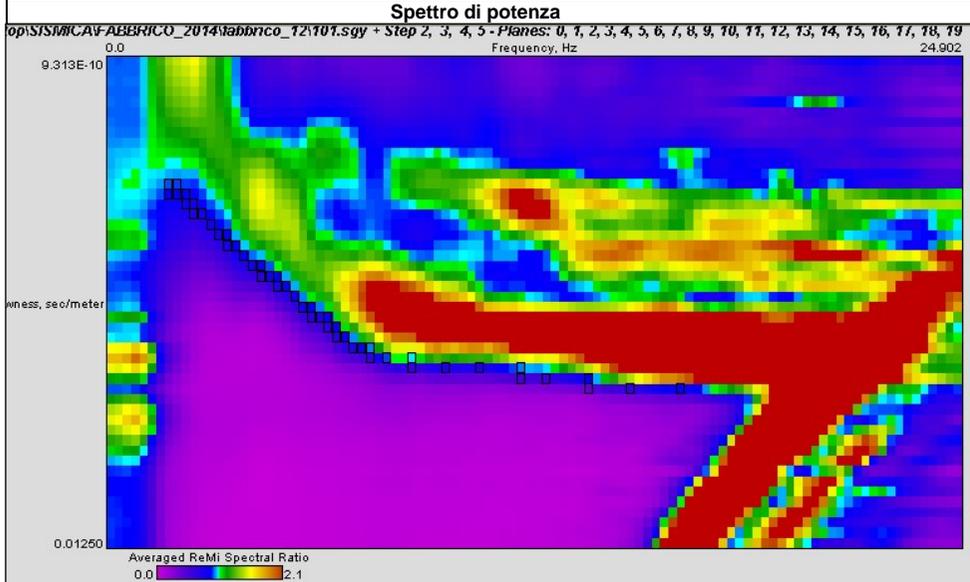
Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	8	8	150
2	8	16	8	250
3	16	31	15	220
4	31	39	8	230
5	39	INF	INF	350
6				
7				
8				
9				
10				



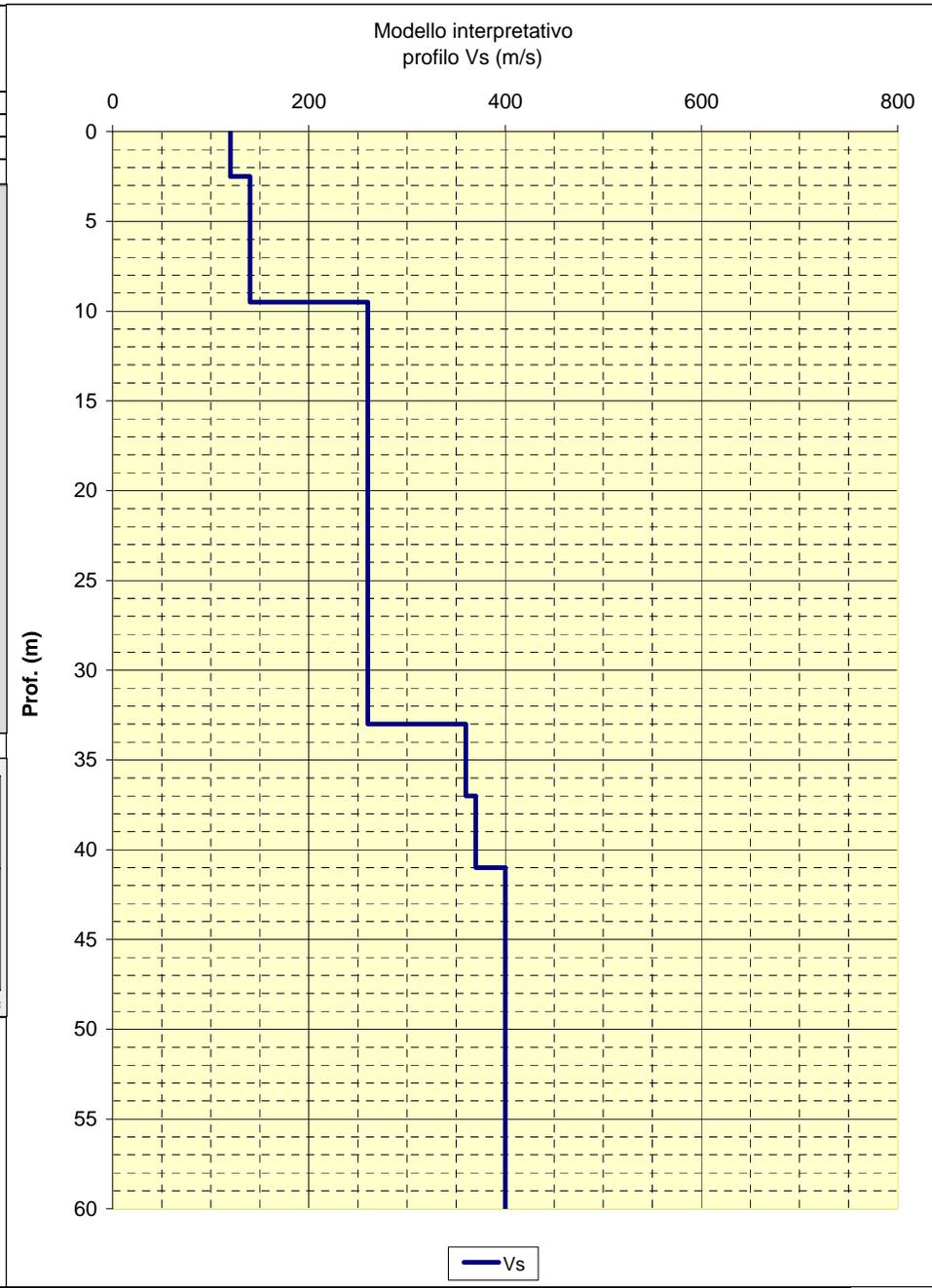
CENTROGEO P.zza S. Quirino, 6 - 42015 Correggio (RE)	INDAGINE MASW/Re.Mi. 12
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 11-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21.6 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.



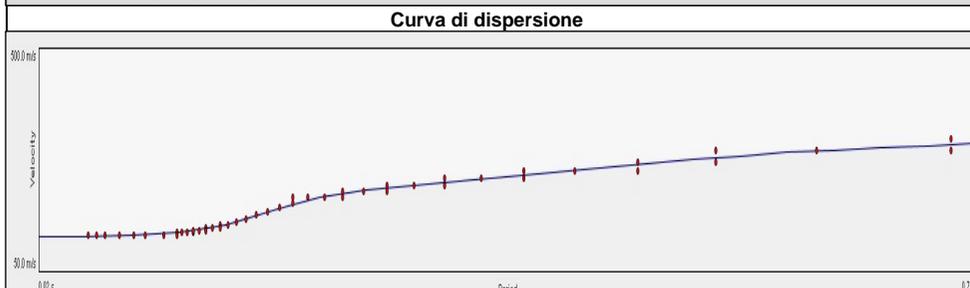
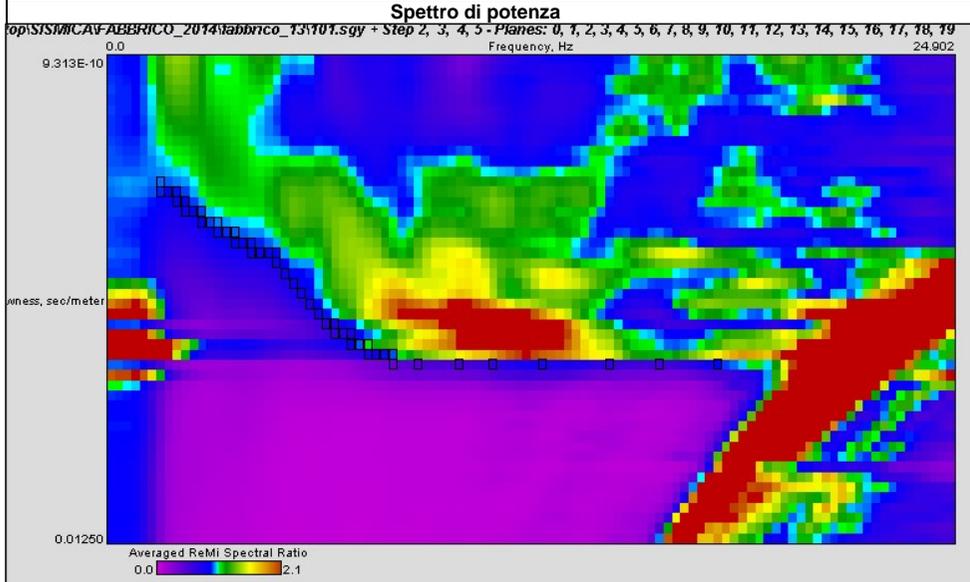
Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	2.5	2.5	120
2	2.5	9.5	7	140
3	9.5	33	23.5	260
4	33	37	4	360
5	37	41	4	370
6	41	INF	INF	400
7				
8				
9				
10				



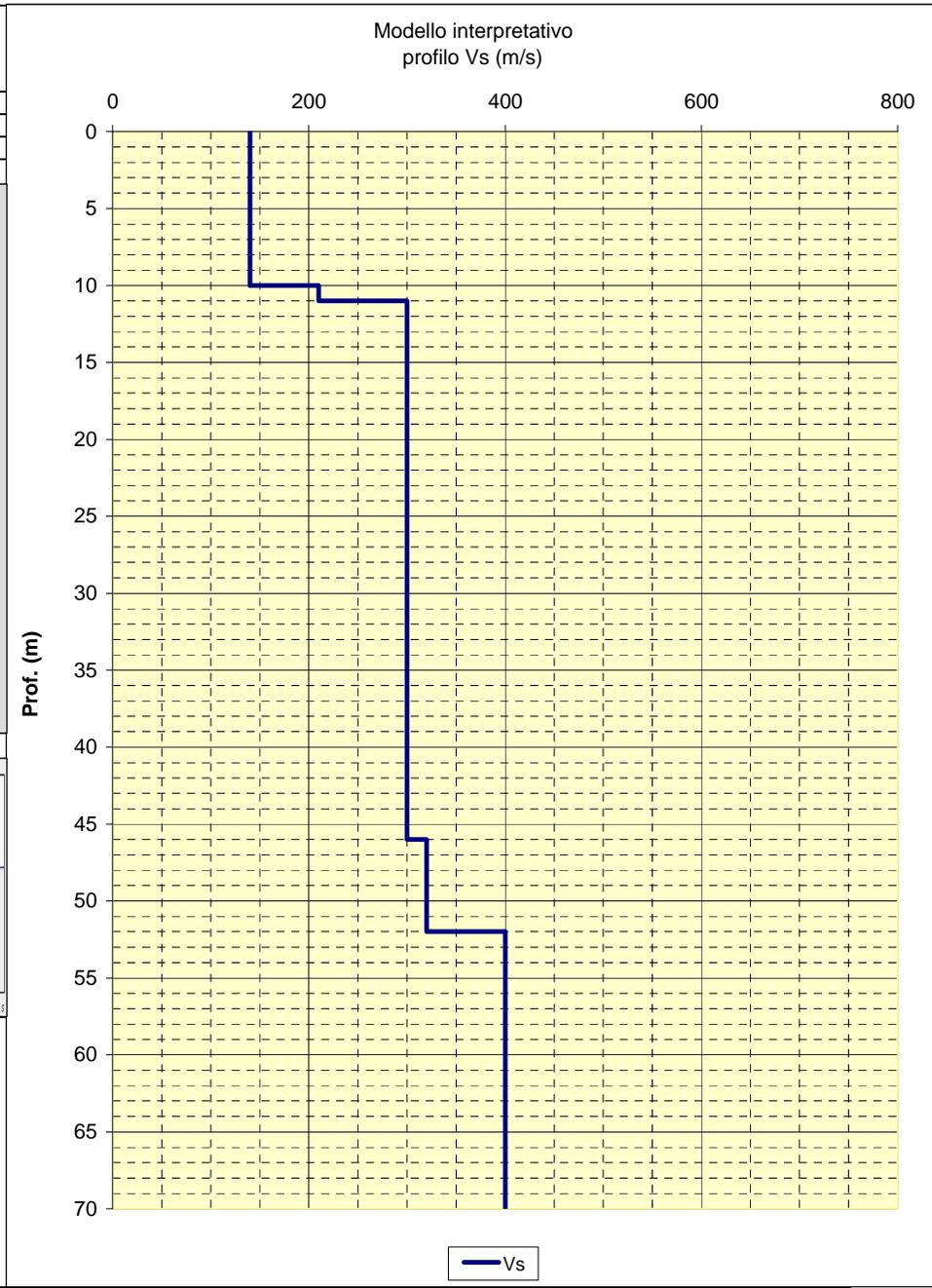
CENTROGEO P.zza S. Quirino, 6 - 42015 Correggio (RE)	INDAGINE MASW/Re.Mi. 13
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 11-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21.3 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.



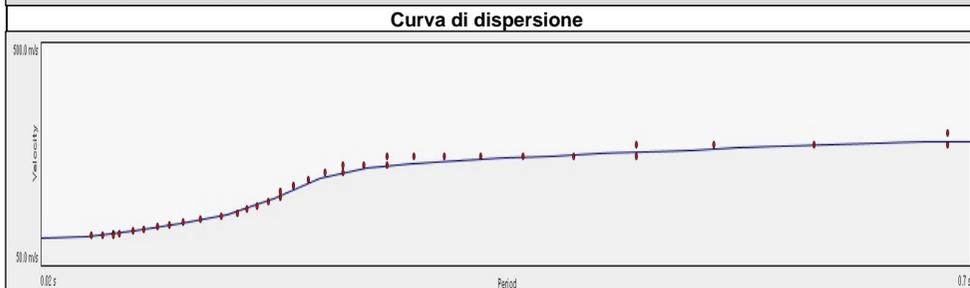
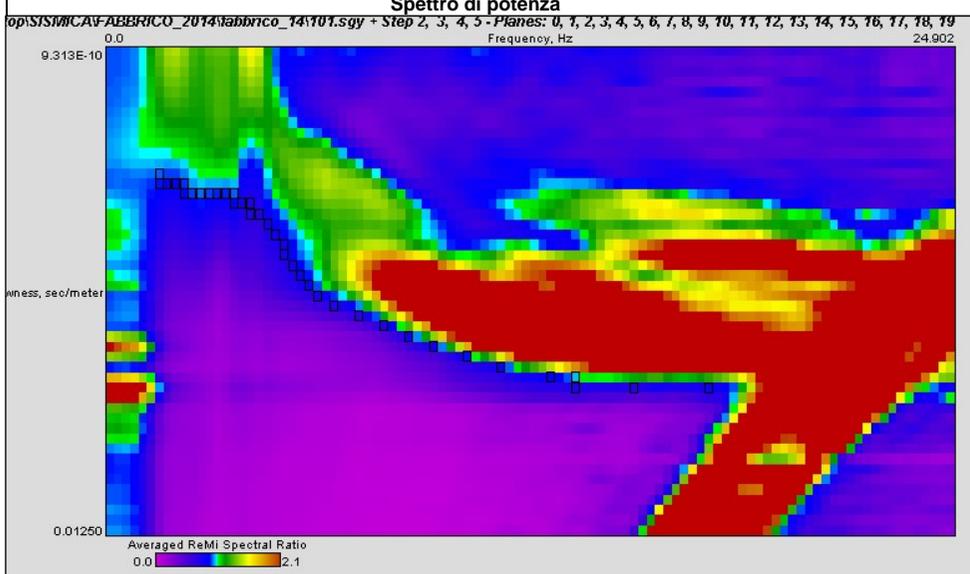
Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	10	10	140
2	10	11	1	210
3	11	46	35	300
4	46	52	6	320
5	52	INF	INF	400
6				
7				
8				
9				
10				



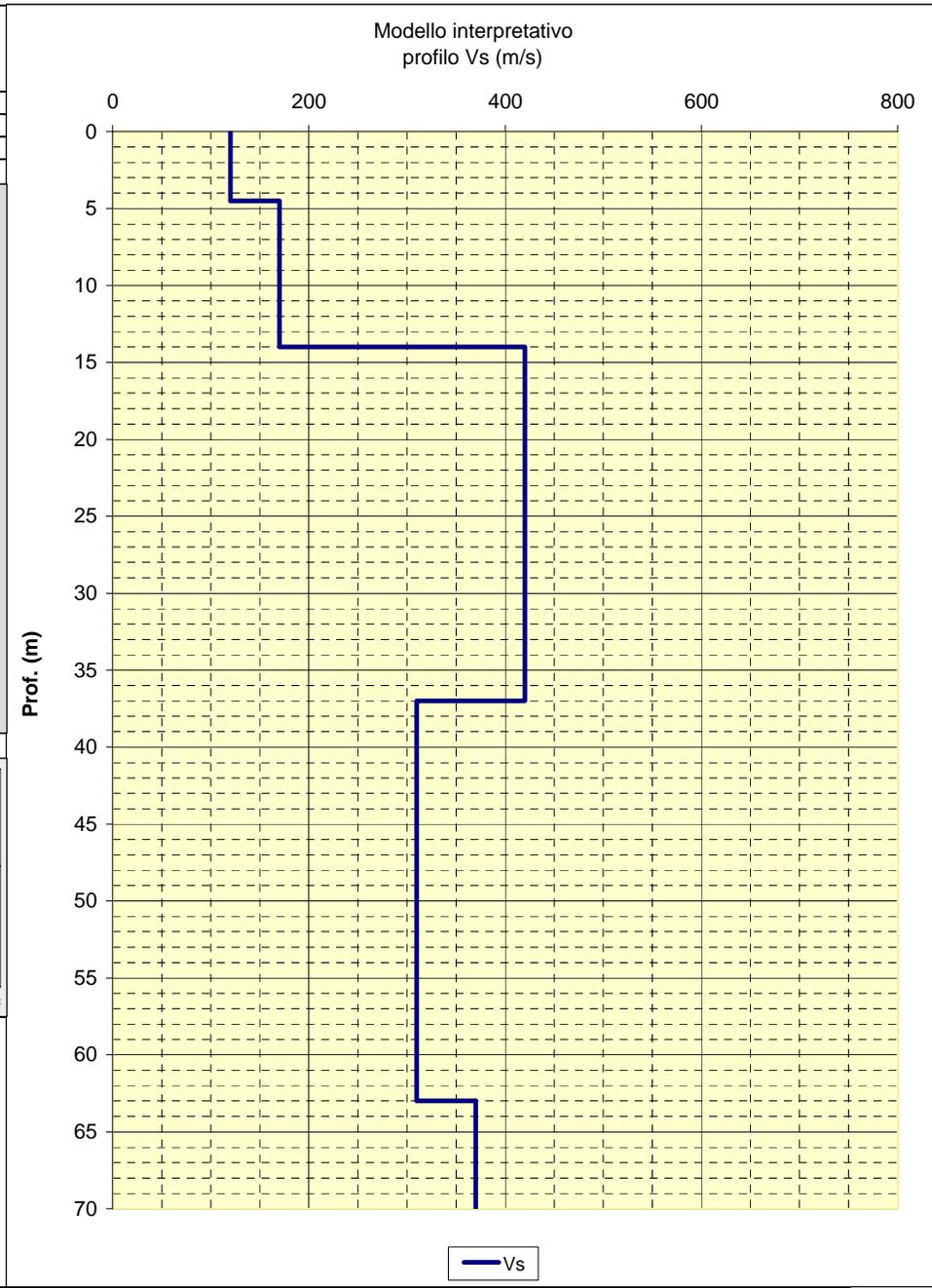
CENTROGEO P.zza S. Quirino, 6 - 42015 Correggio (RE)	INDAGINE MASW/Re.Mi. 14
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LOCALITA': FABBRICO (RE)	COMMITTENTE: Amm. Comunale
DATA: 11-03-2014	CANTIERE: Microzonazione Sismica
QUOTA: 21.6 m. s.l.m.	OPERATORI: Mazzetti M. - Arbizzi A.



Note:

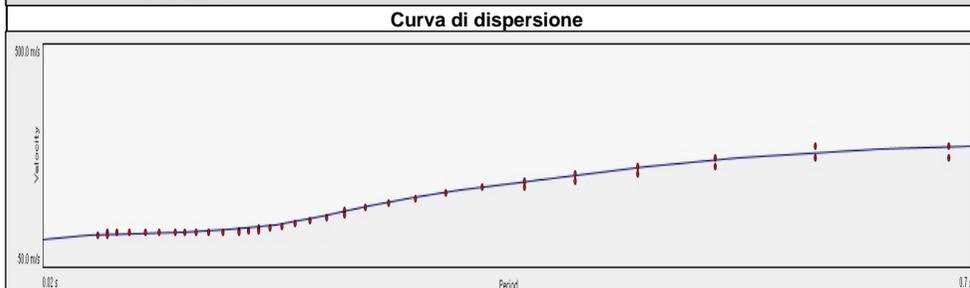
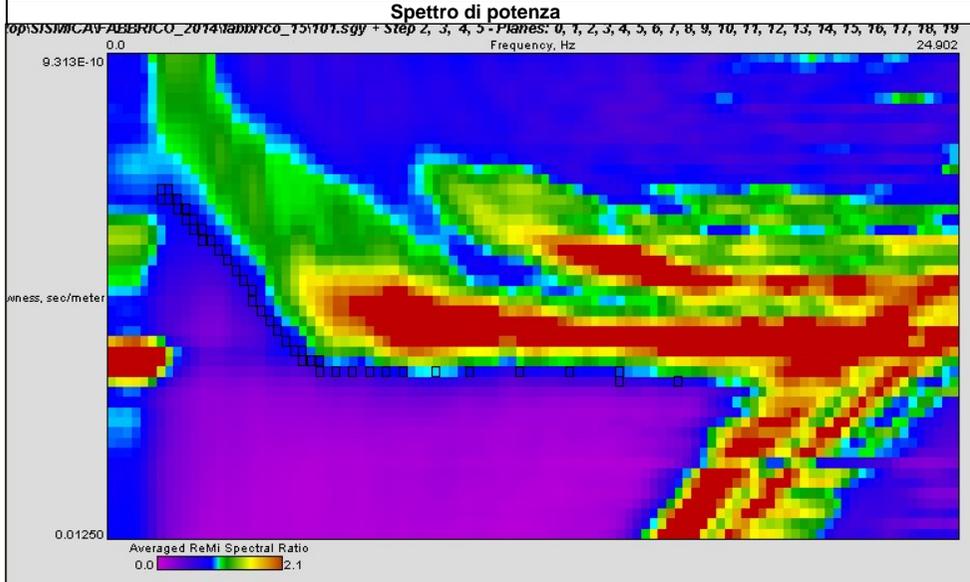
Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	4.5	4.5	120
2	4.5	14	9.5	170
3	14	37	23	420
4	37	63	26	310
5	63	INF	INF	370
6				
7				
8				
9				
10				



CENTROGEO
P.zza S. Quirino, 6 - 42015 Correggio (RE)

INDAGINE MASW/Re.Mi.
15

LOCALITA': FABBRICO (RE) COMMITTENTE: Amm. Comunale
 DATA: 11-03-2014 CANTIERE: Microzonazione Sismica
 QUOTA: 24.1 m. s.l.m. OPERATORI: Mazzetti M. - Arbizzi A.



Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	2	2	120
2	2	13	11	140
3	13	40	27	280
4	40	44	4	320
5	44	INF	INF	390
6				
7				
8				
9				
10				

