



**PROTEZIONE CIVILE**  
 Presidenza del Consiglio dei Ministri  
 Dipartimento della Protezione Civile



**Regione Emilia-Romagna**



CONFERENZA DELLE REGIONI E  
 DELLE PROVINCE AUTONOME

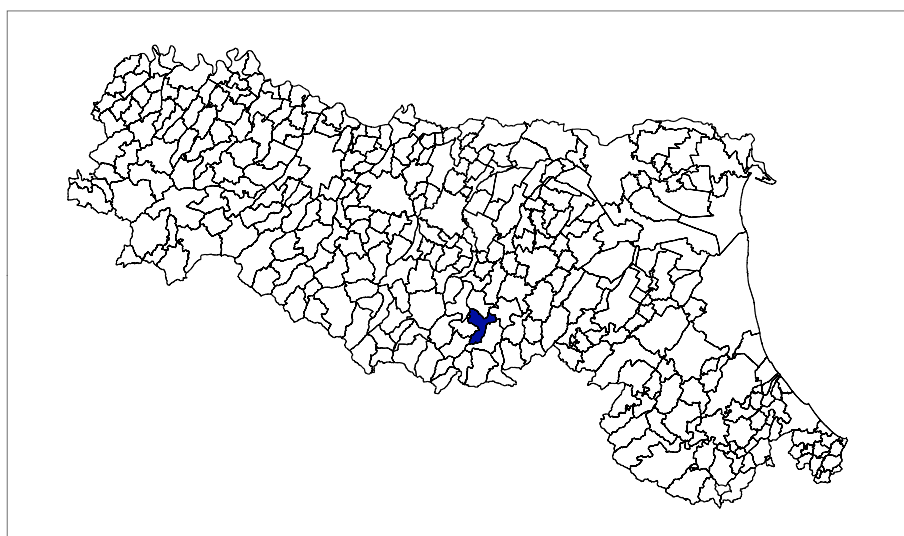
Attuazione dell'articolo 11 della legge 24 giugno 2009, n.77

# MICROZONAZIONE SISMICA

## Analisi geologico tecnica e microzonazione sismica del comune di Vergato

Indagini geofisiche di nuova esecuzione

### Regione Emilia-Romagna Piano Strutturale Comunale in Forma Associata dei Comuni di Marzabotto e Vergato



|   |  |   |
|---|--|---|
| <p>Regione<br/>Emilia Romagna</p> <p><i>Studio realizzato con il contributo di cui all'OPCM 4007/2012.</i></p> <p><i>Coordinamento della Regione Emilia-Romagna - Servizio Geologico</i><br/><b>Luca Martelli</b></p> | <p>Soggetto realizzatore<br/>Studio Geologico CENTROGEO</p> <p><i>Progetto:</i><br/><b>Gian Pietro Mazzetti</b></p> <p><i>Collaboratori:</i><br/><b>Stefano Gilli, Andrea Arbizzi, Mauro Mazzetti</b></p> <p><i>Elaborazioni GIS:</i><br/>Studio Benaglia<br/>Professionisti Associati<br/><b>Corrado Ugoletti</b></p> | <p>Comune di Vergato</p> <p><i>Sindaco e Assessore alle politiche Urbanistiche:</i><br/><b>Sandra Focci</b></p> <p><i>Ufficio di Piano Associato:</i><br/><b>Marco Teglia, Carmelina Cava, Giampaolo Zaccanti</b></p> |
|  <p>Provincia di Bologna</p>   |  | <p>Data<br/>Aprile 2014</p>   |

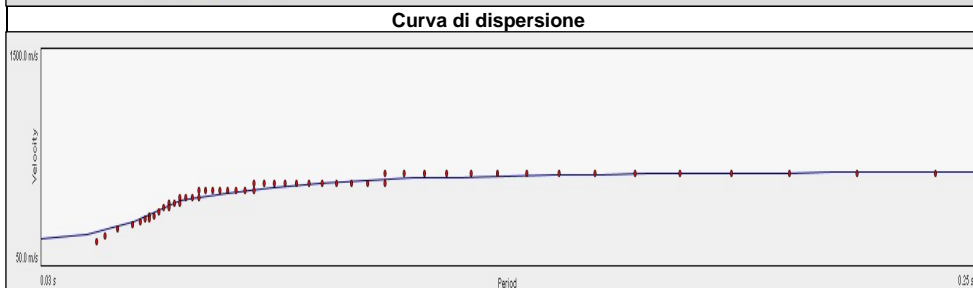
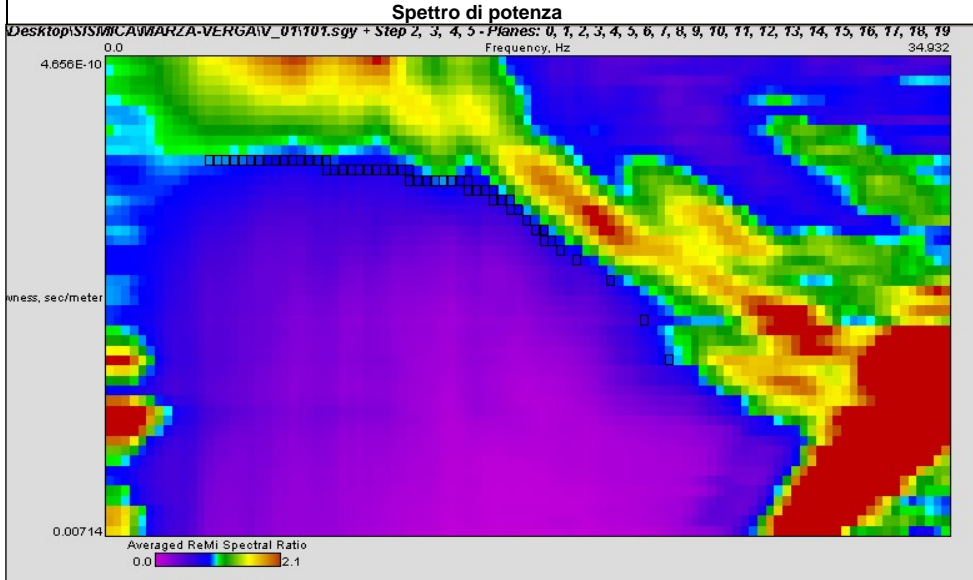
# INDAGINI GEOFISICHE REMI/MASW

***STUDIO GEOLOGICO CENTROGEO***

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

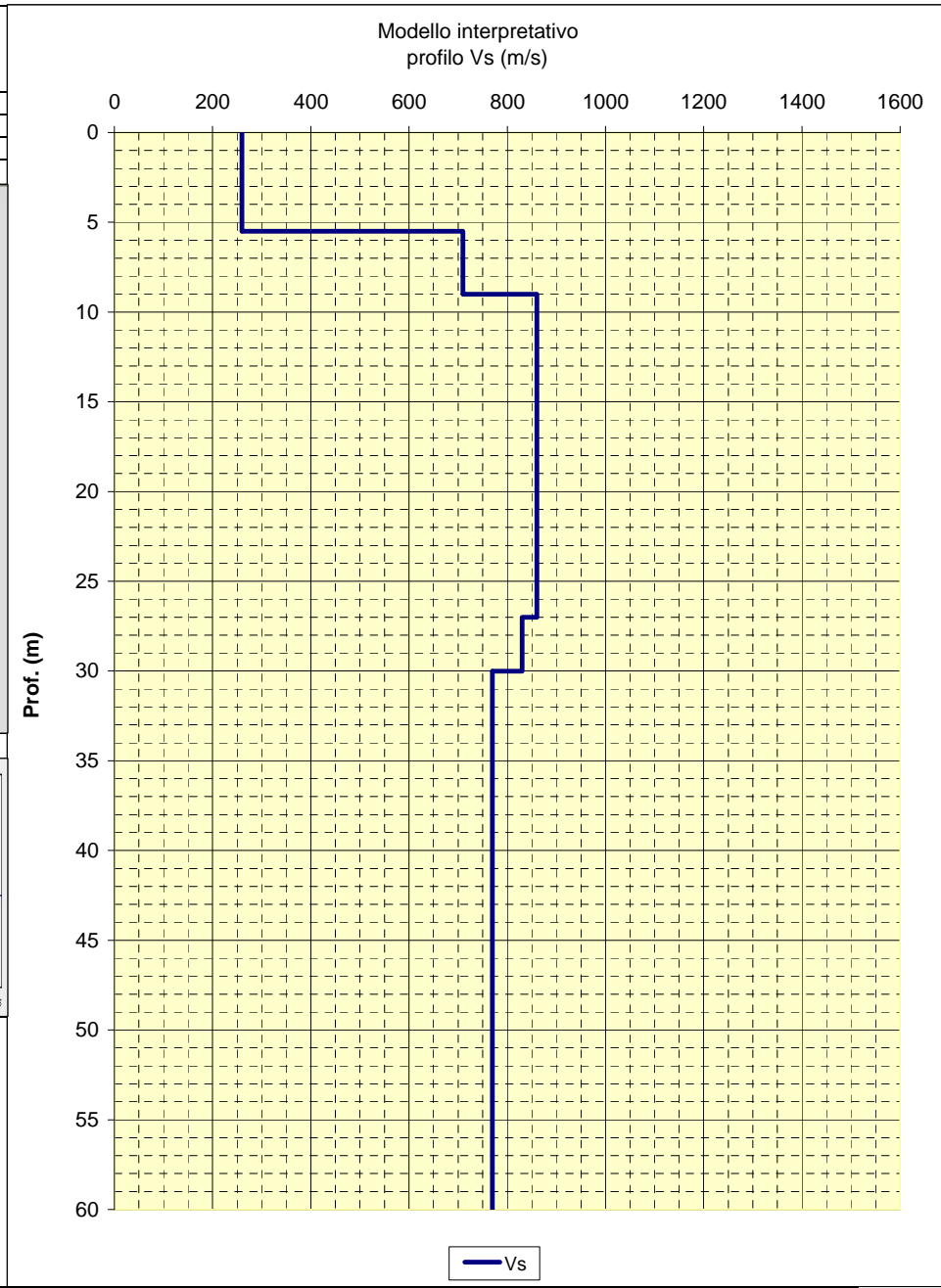
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R01</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 09-10-2013        | CANTIERE: Riola                     |
| QUOTA: 285 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



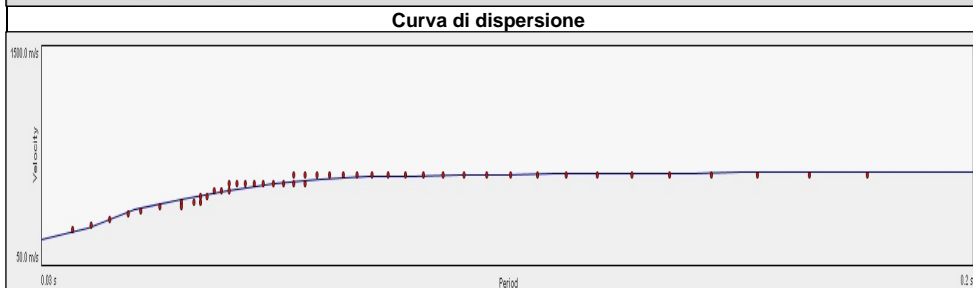
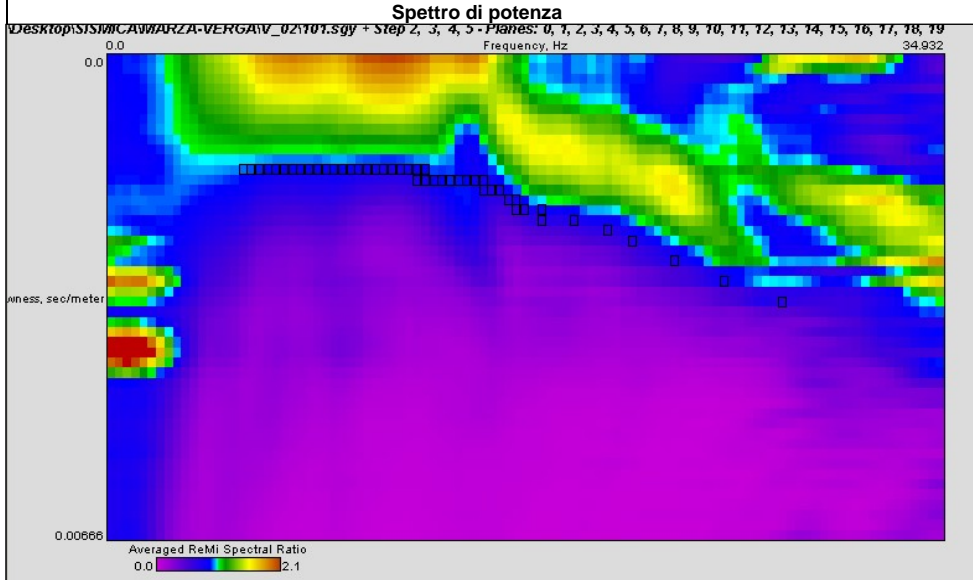
Note:

| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 5.5 | 5.5        | 260      |
| 2                      | 5.5       | 9   | 3.5        | 710      |
| 3                      | 9         | 27  | 18         | 860      |
| 4                      | 27        | 30  | 3          | 830      |
| 5                      | 30        | INF | INF        | 770      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



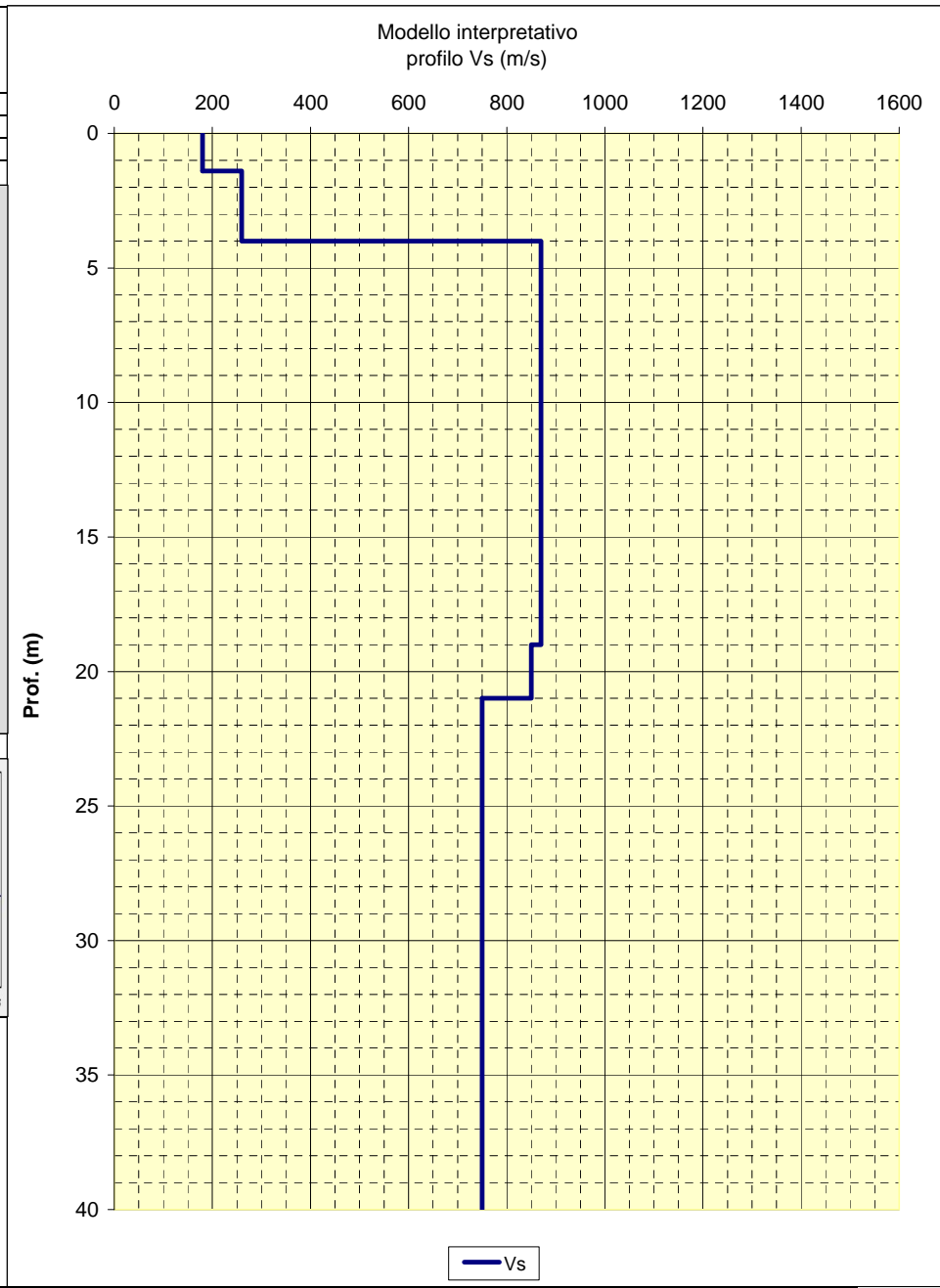
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|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R02</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 09-10-2013        | CANTIERE: Riola                     |
| QUOTA: 275 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



Note:

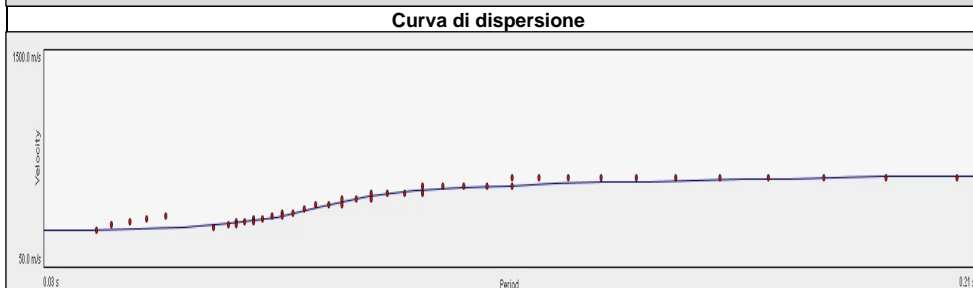
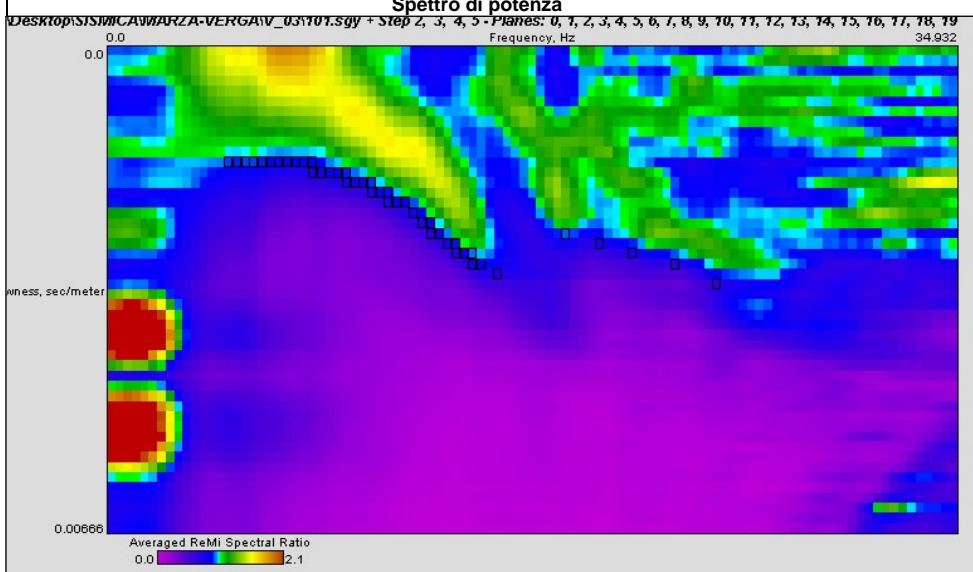
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 1.4 | 1.4        | 180      |
| 2                      | 1.4       | 4   | 2.6        | 260      |
| 3                      | 4         | 19  | 15         | 870      |
| 4                      | 19        | 21  | 2          | 850      |
| 5                      | 21        | INF | INF        | 750      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

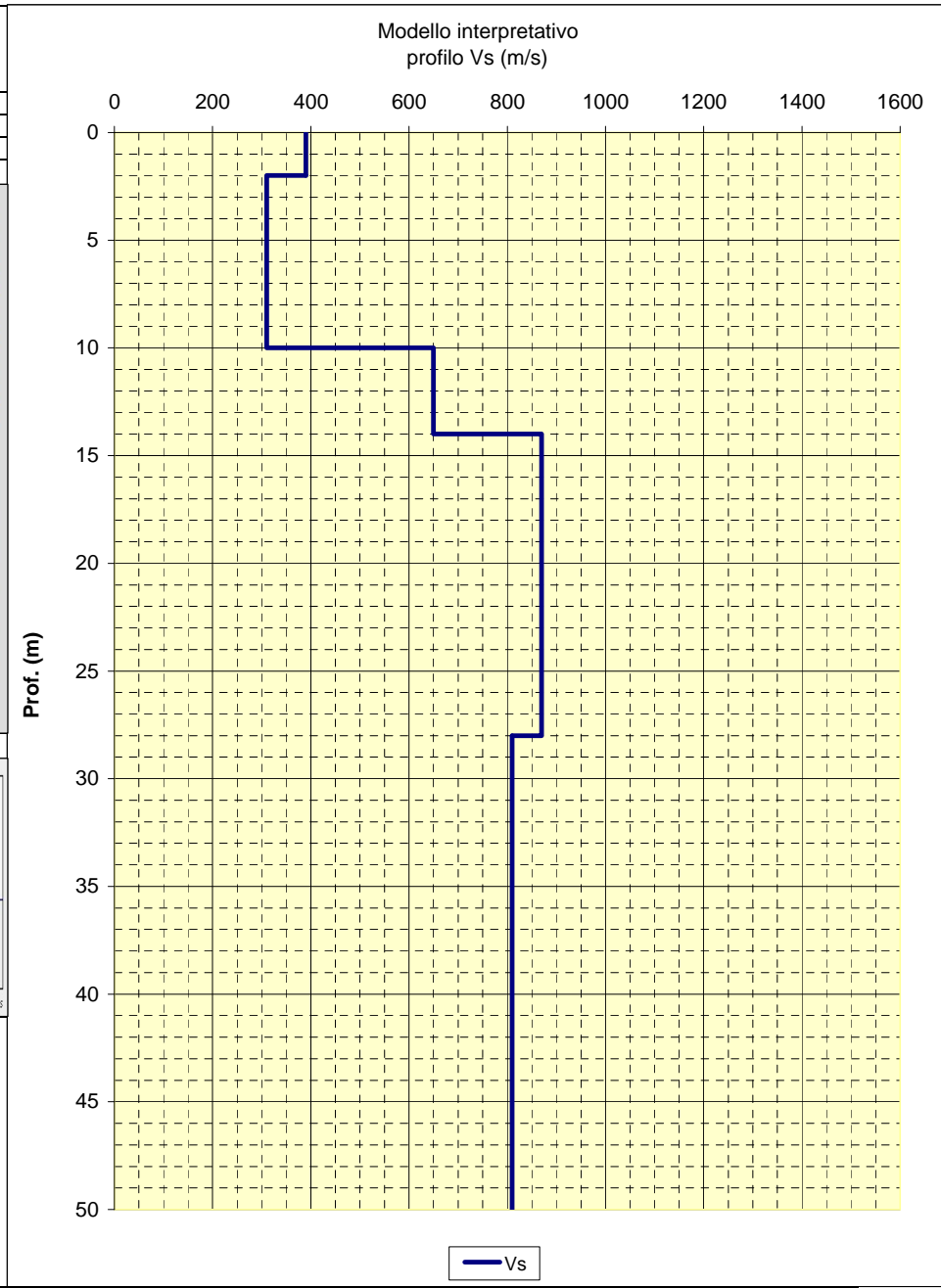
**INDAGINE MASW/Re.Mi.**  
**R03**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 09-10-2013      CANTIERE: Riola  
 QUOTA: 250 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

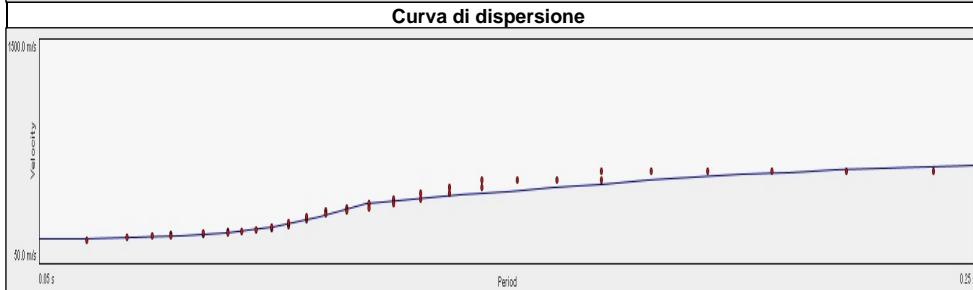
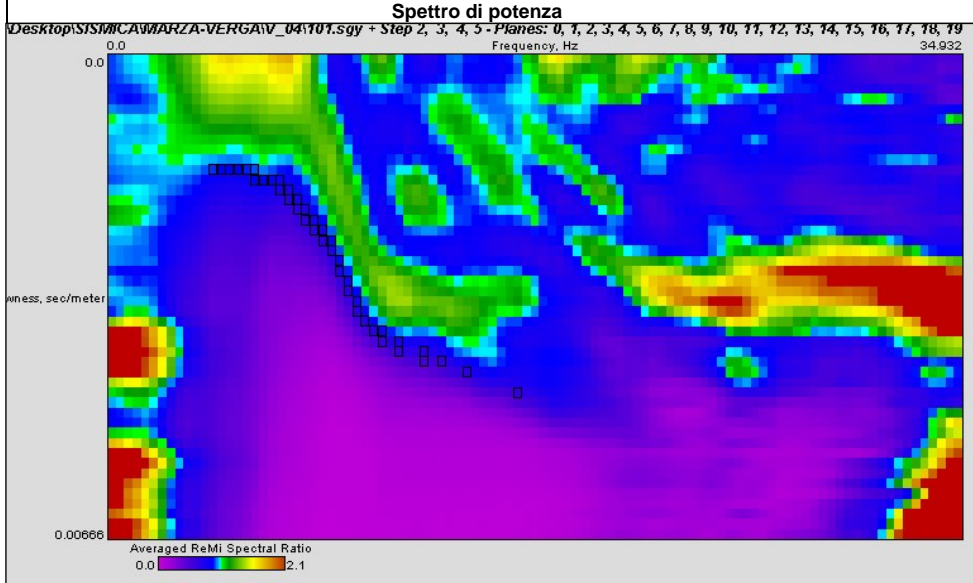
| Modello interpretativo |           |            |          |  |
|------------------------|-----------|------------|----------|--|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |  |
| 1                      | 0         | 2          | 390      |  |
| 2                      | 2         | 10         | 310      |  |
| 3                      | 10        | 14         | 650      |  |
| 4                      | 14        | 28         | 870      |  |
| 5                      | 28        | INF        | 810      |  |
| 6                      |           |            |          |  |
| 7                      |           |            |          |  |
| 8                      |           |            |          |  |
| 9                      |           |            |          |  |
| 10                     |           |            |          |  |



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

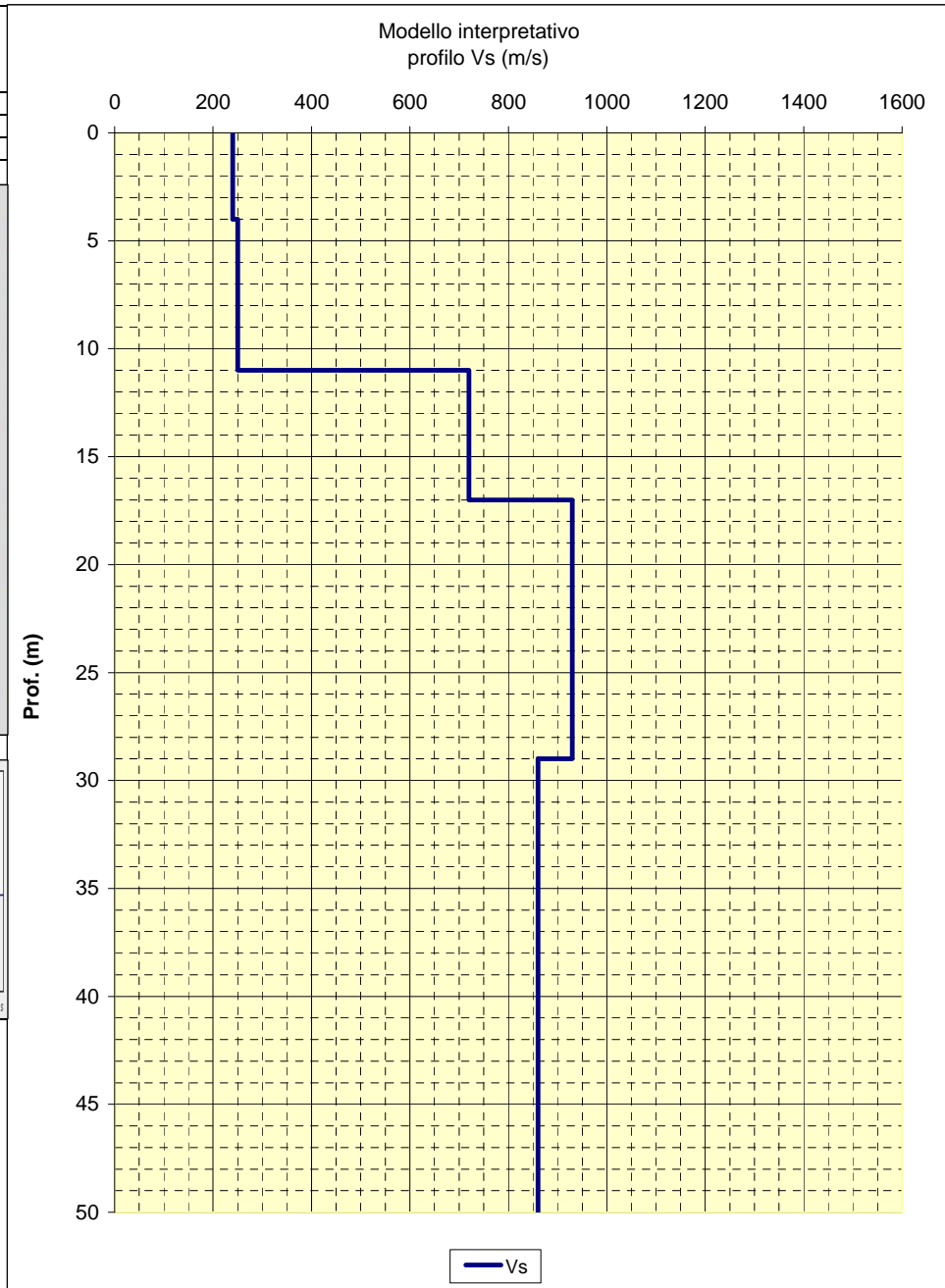
**INDAGINE MASW/Re.Mi.**  
**R04**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 09-10-2013      CANTIERE: Riola  
 QUOTA: 260 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

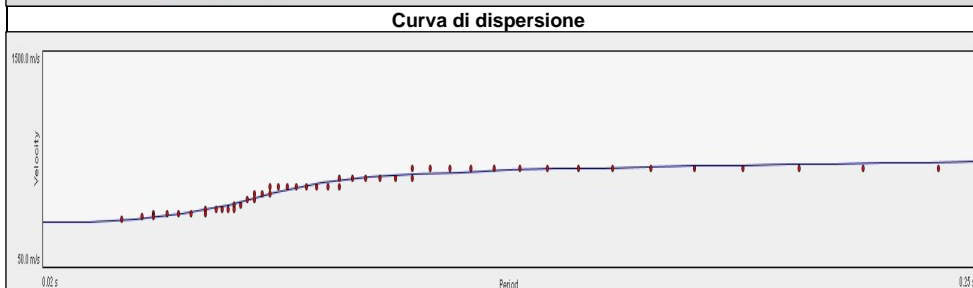
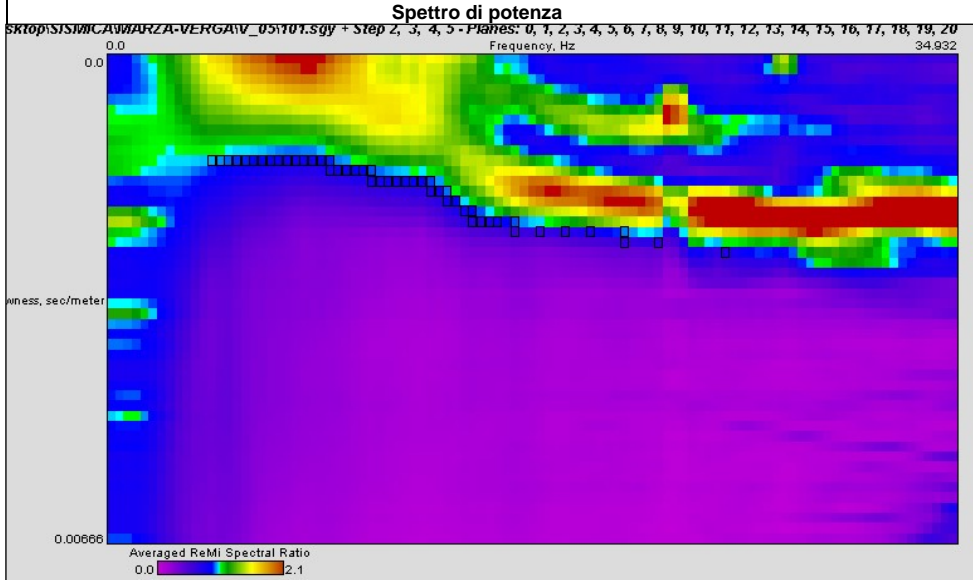
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 4   | 4          | 240      |
| 2                      | 4         | 11  | 7          | 250      |
| 3                      | 11        | 17  | 6          | 720      |
| 4                      | 17        | 29  | 12         | 930      |
| 5                      | 29        | INF | INF        | 860      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

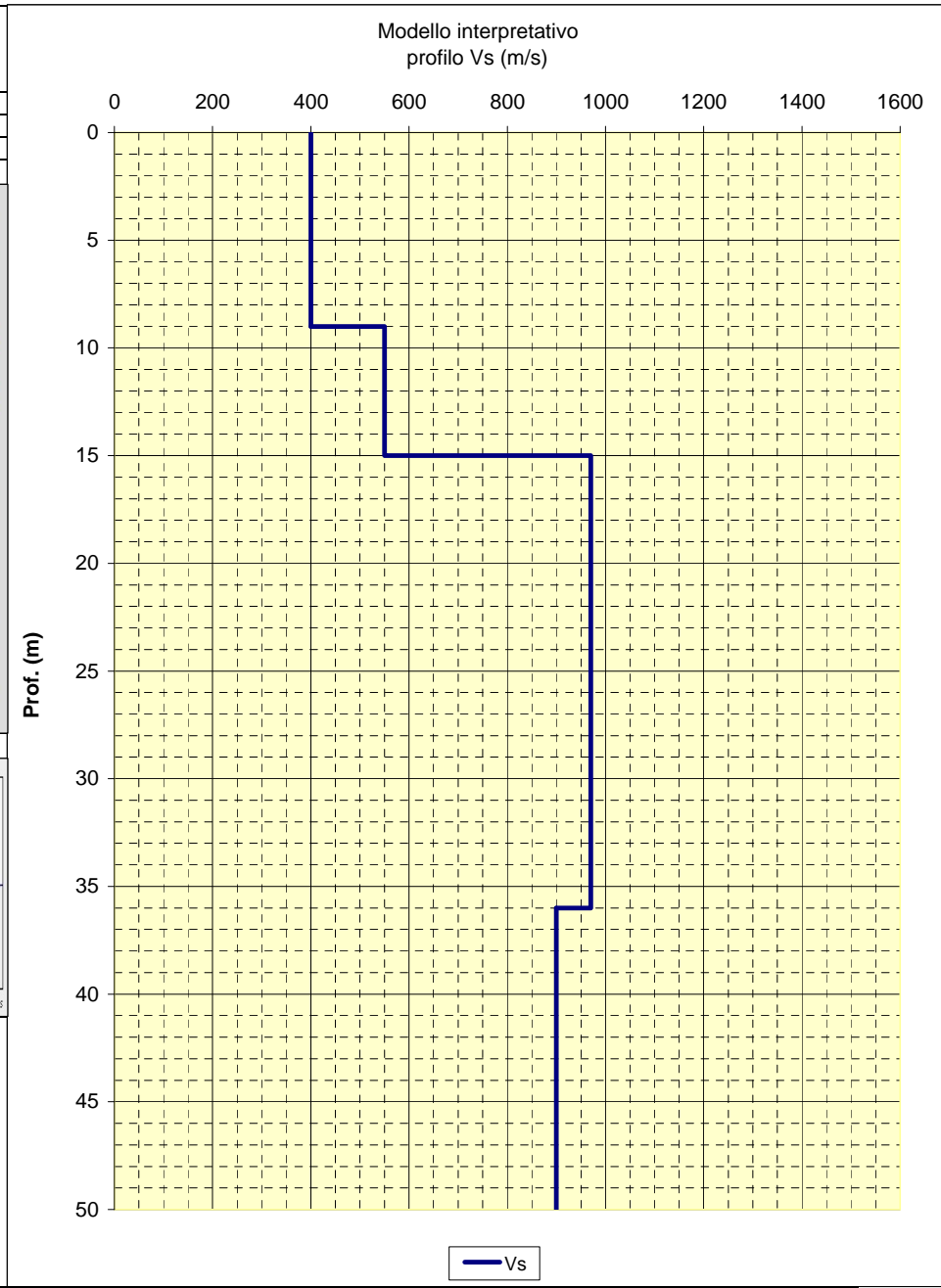
**INDAGINE MASW/Re.Mi.**  
**R05**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 09-10-2013      CANTIERE: Riola  
 QUOTA: 240 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



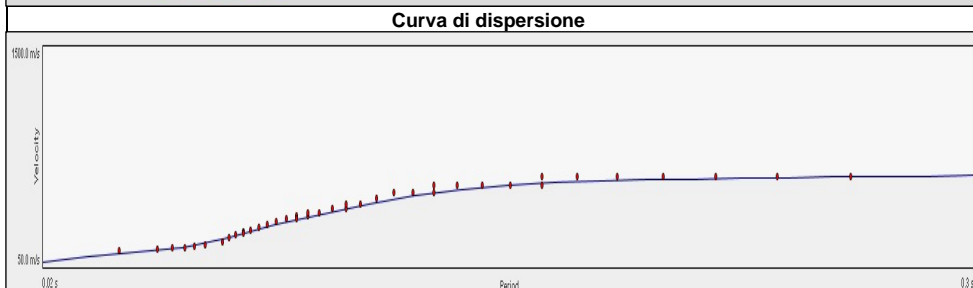
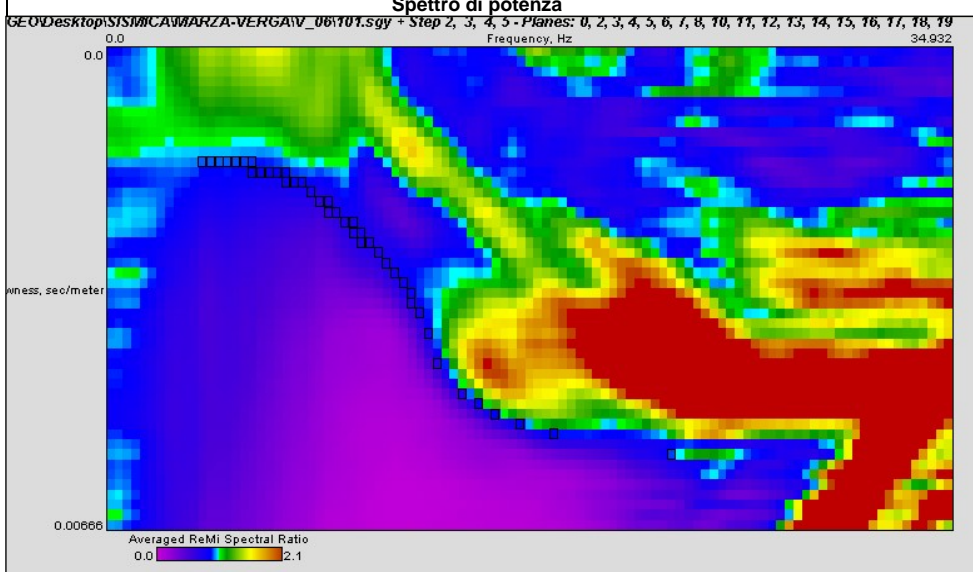
Note:

| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 9   | 9          | 400      |
| 2                      | 9         | 15  | 6          | 550      |
| 3                      | 15        | 36  | 21         | 970      |
| 4                      | 36        | INF | INF        | 900      |
| 5                      |           |     |            |          |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



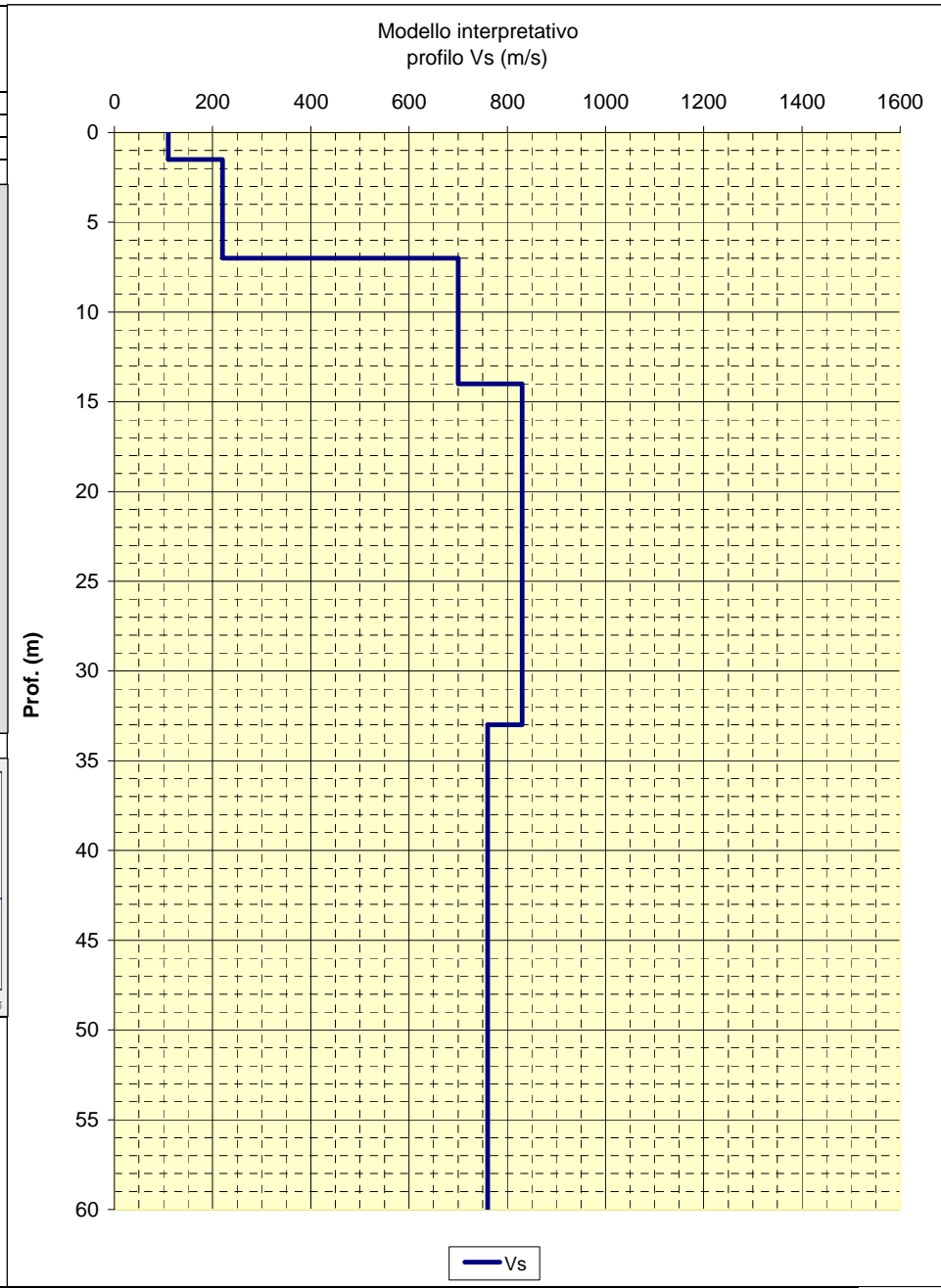
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R06</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 09-10-2013        | CANTIERE: Riola                     |
| QUOTA: 290 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        | 110      |
| 2                      | 1.5       | 7   | 5.5        | 220      |
| 3                      | 7         | 14  | 7          | 700      |
| 4                      | 14        | 33  | 19         | 830      |
| 5                      | 33        | INF | INF        | 760      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |

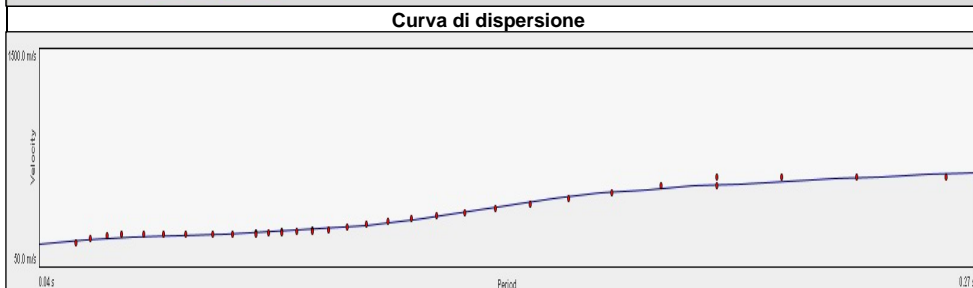
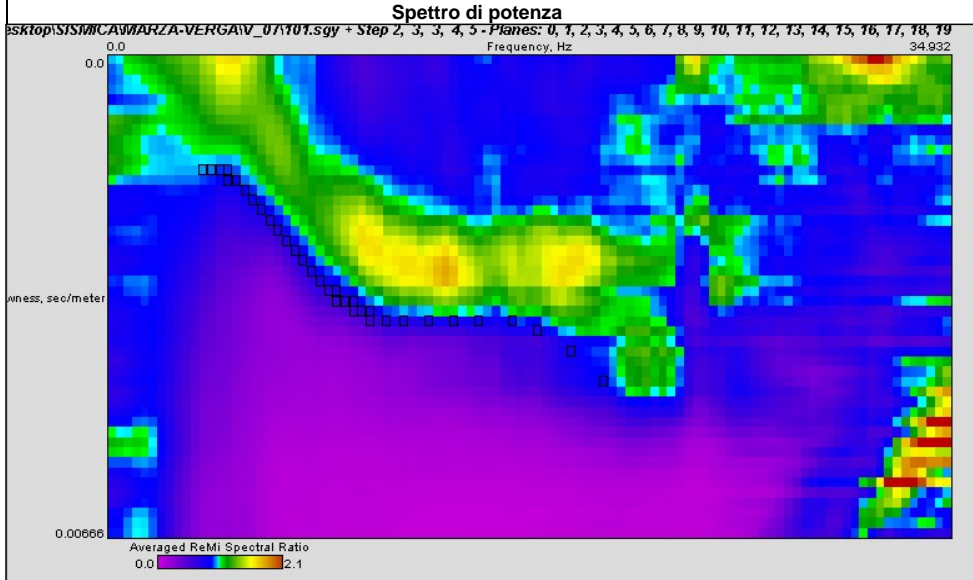




**CENTROGEO**  
P.zza S. Quirino, 6 - 42015 Correggio (RE)

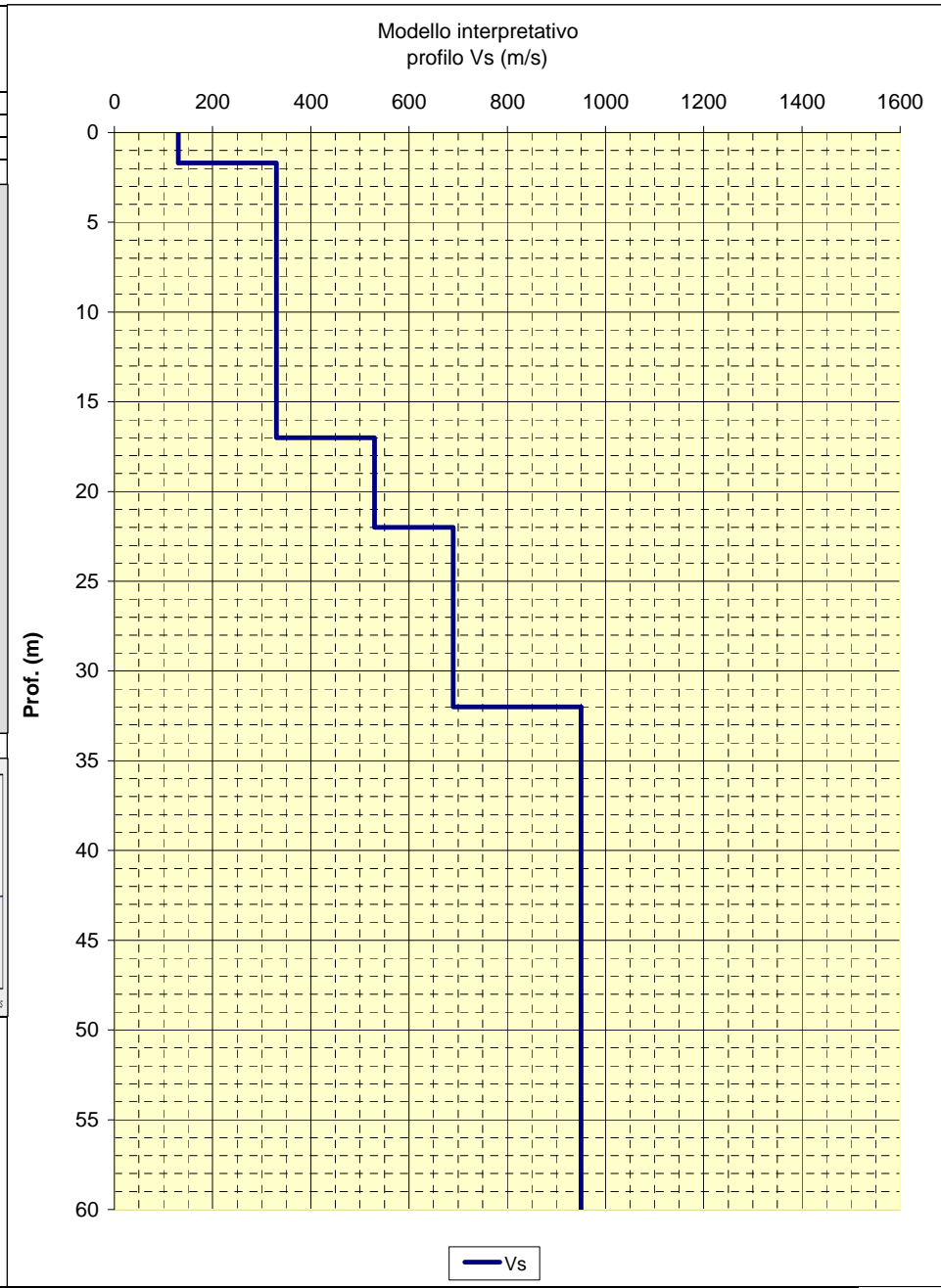
**INDAGINE MASW/Re.Mi.**  
**R07**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 09-10-2013      CANTIERE: Riola  
 QUOTA: 265 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

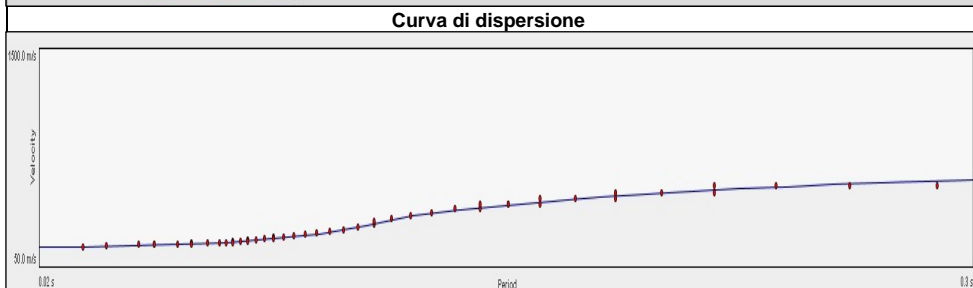
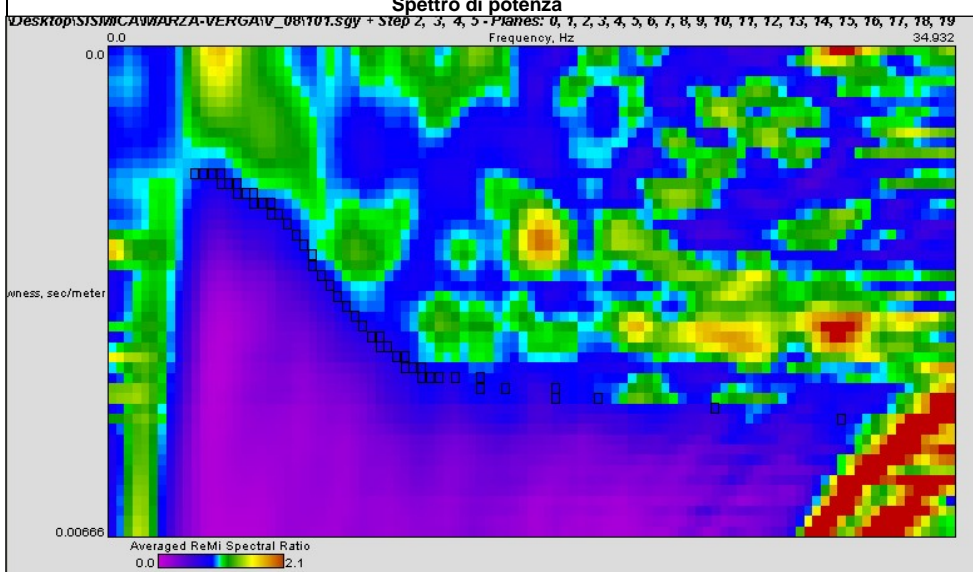
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 1.7 | 1.7        | 130      |
| 2                      | 1.7       | 17  | 15.3       | 330      |
| 3                      | 17        | 22  | 5          | 530      |
| 4                      | 22        | 32  | 10         | 690      |
| 5                      | 32        | INF | INF        | 950      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

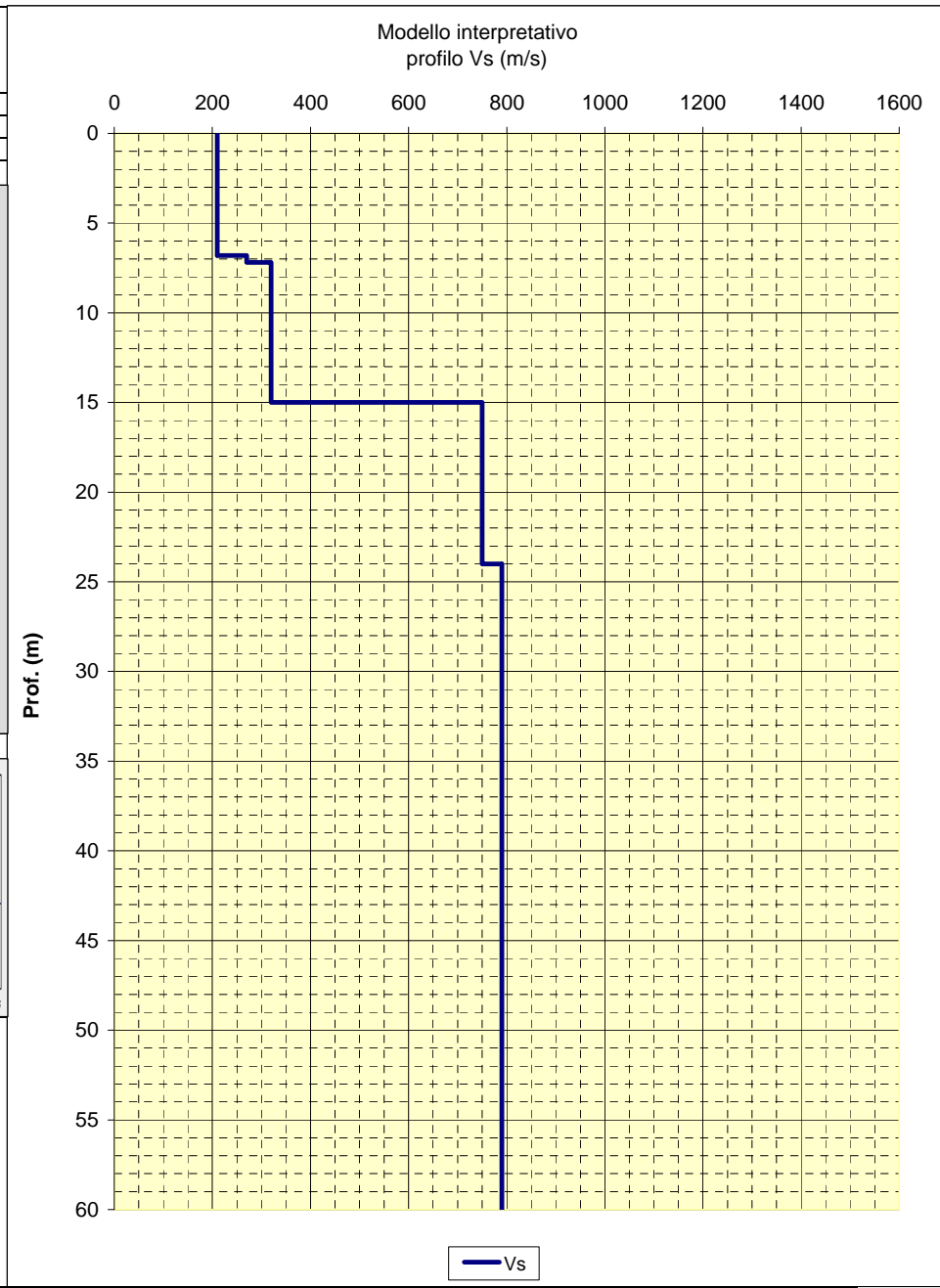
**INDAGINE MASW/Re.Mi.**  
**R08**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 09-10-2013      CANTIERE: Riola  
 QUOTA: 340 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



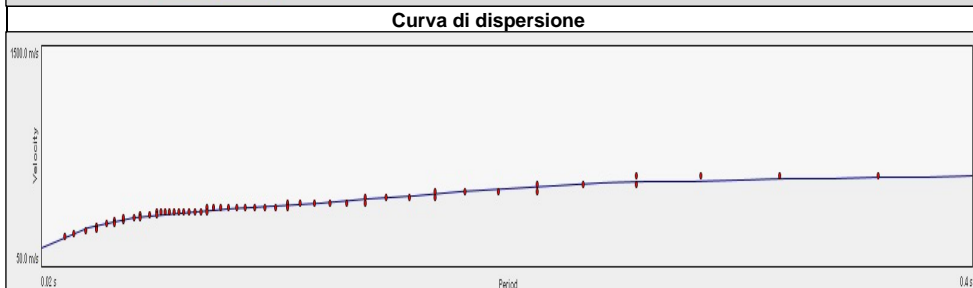
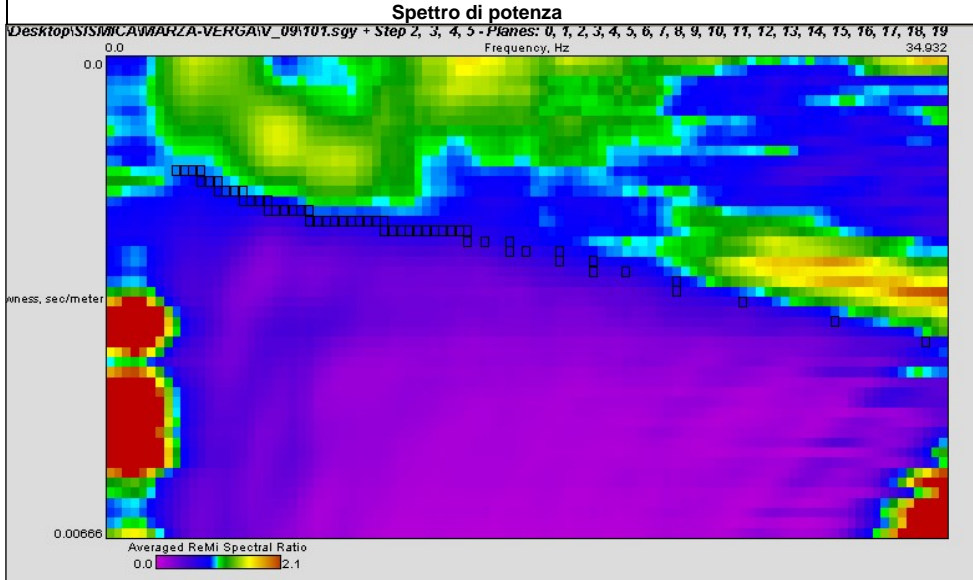
Note:

| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 6.8 | 6.8        | 210      |
| 2                      | 6.8       | 7.2 | 0.4        | 270      |
| 3                      | 7.2       | 15  | 7.8        | 320      |
| 4                      | 15        | 24  | 9          | 750      |
| 5                      | 24        | INF | INF        | 790      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



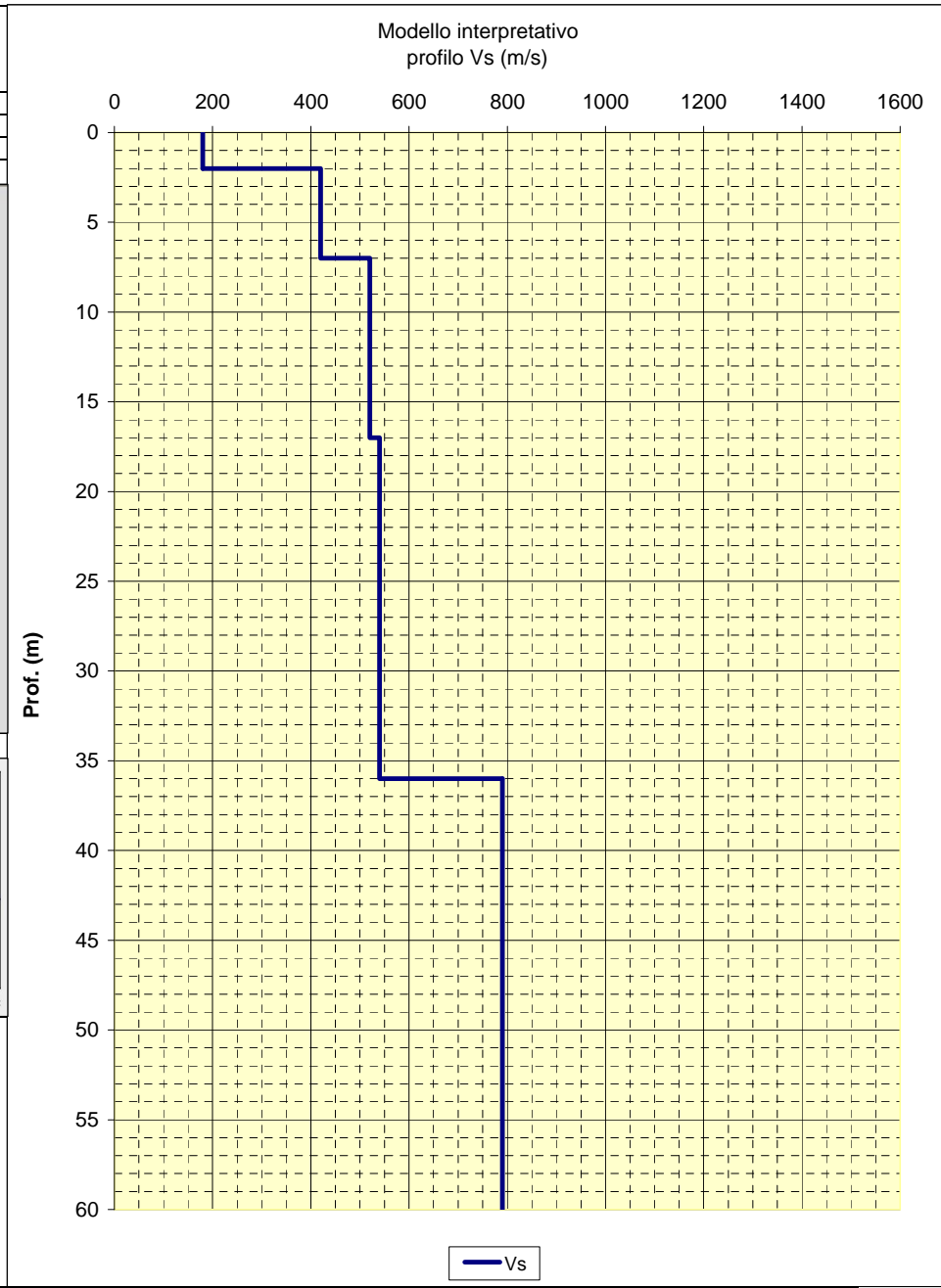
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| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R09</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 10-10-2013        | CANTIERE: Vergato                   |
| QUOTA: 195 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



Note:

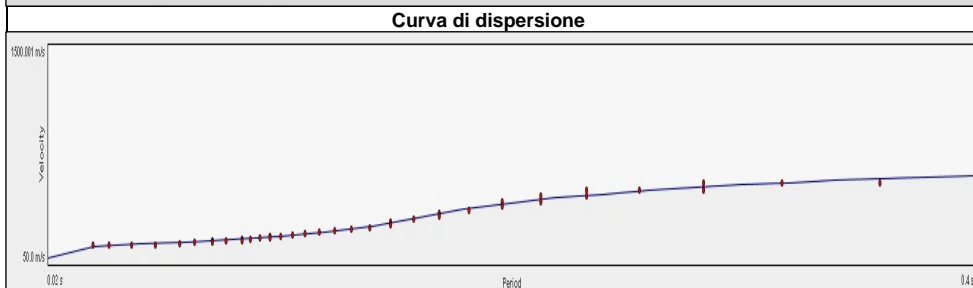
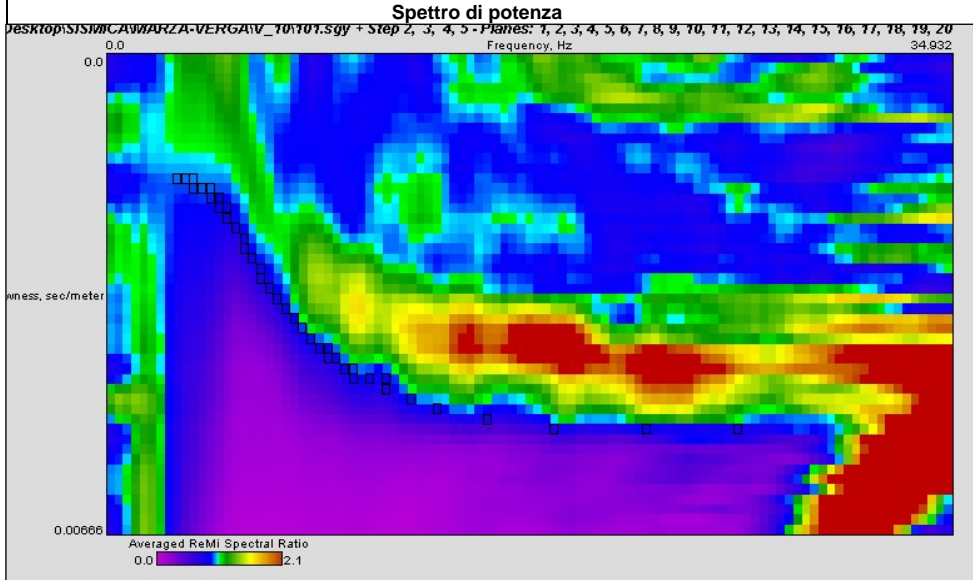
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 2          | 2        | 180 |
| 2                      | 2         | 7          | 5        | 420 |
| 3                      | 7         | 17         | 10       | 520 |
| 4                      | 17        | 36         | 19       | 540 |
| 5                      | 36        | INF        | INF      | 790 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

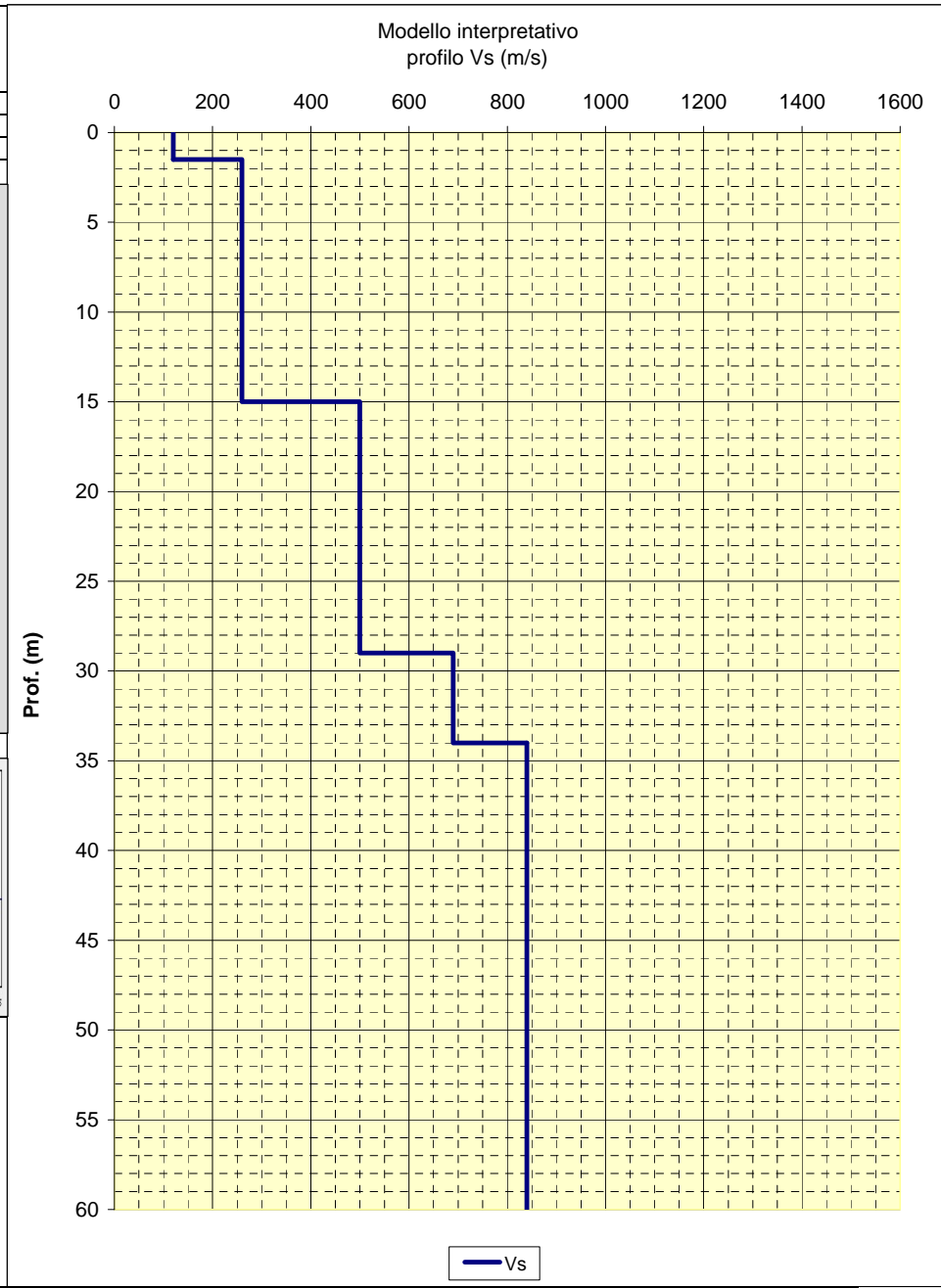
**INDAGINE MASW/Re.Mi.**  
**R10**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 10-10-2013      CANTIERE: Vergato  
 QUOTA: 220 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

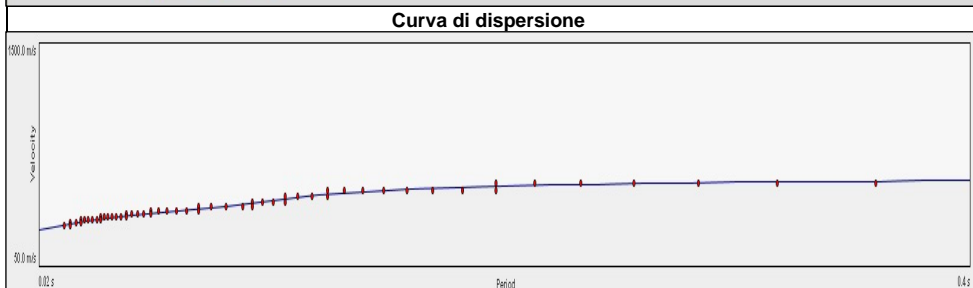
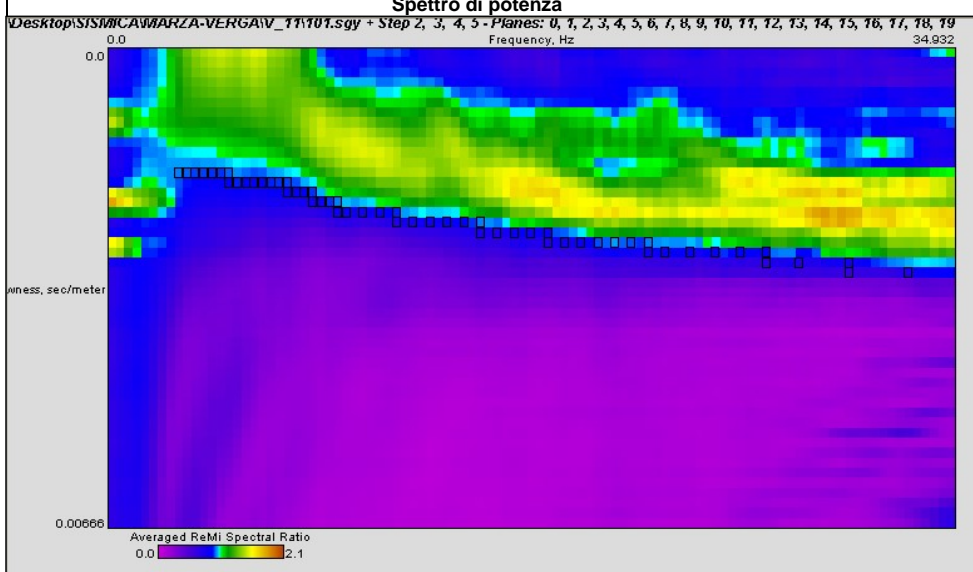
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 1.5        | 1.5      | 120 |
| 2                      | 1.5       | 15         | 13.5     | 260 |
| 3                      | 15        | 29         | 14       | 500 |
| 4                      | 29        | 34         | 5        | 690 |
| 5                      | 34        | INF        | INF      | 840 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

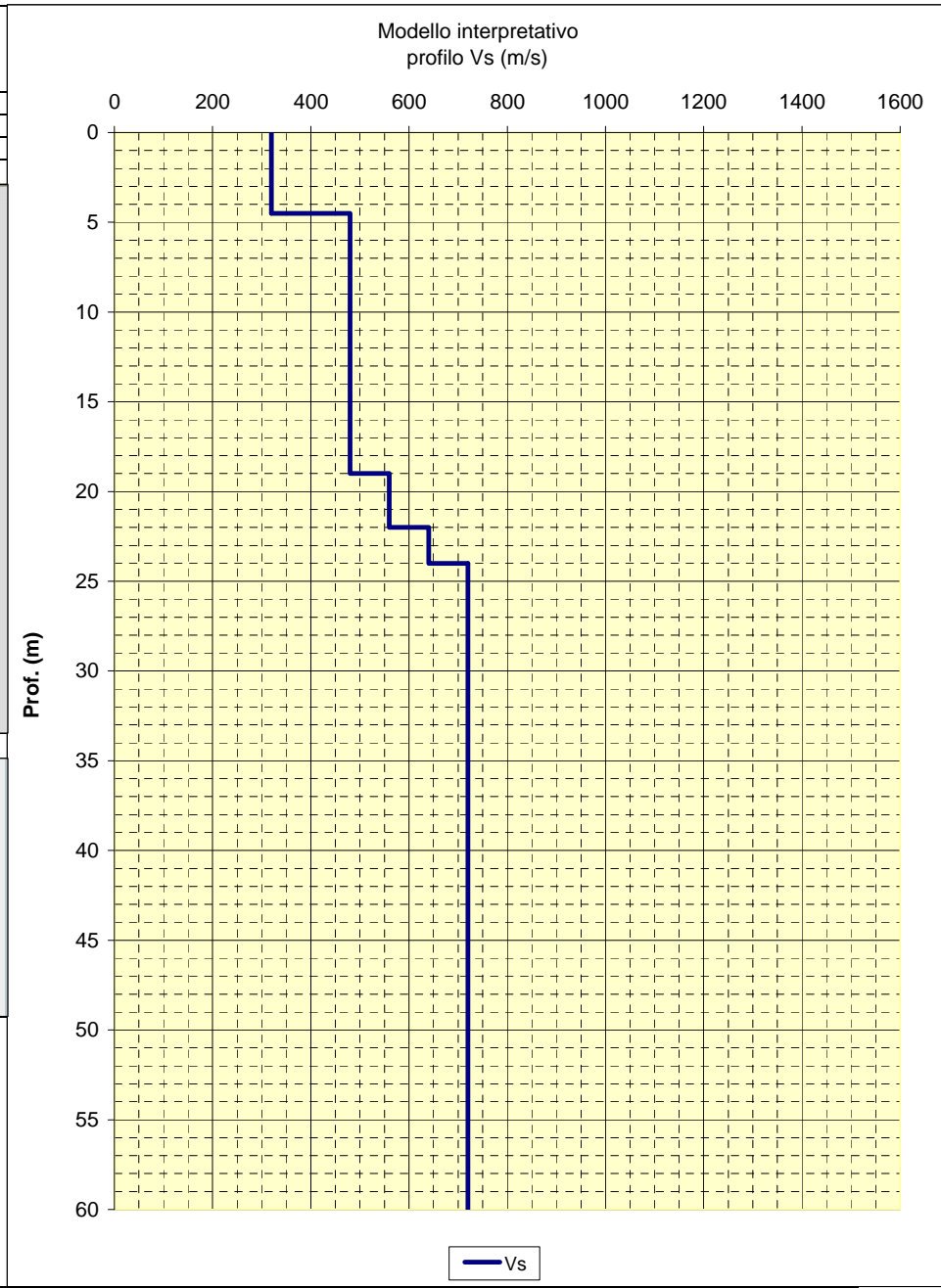
**INDAGINE MASW/Re.Mi.**  
**R11**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 10-10-2013      CANTIERE: Vergato  
 QUOTA: 220 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

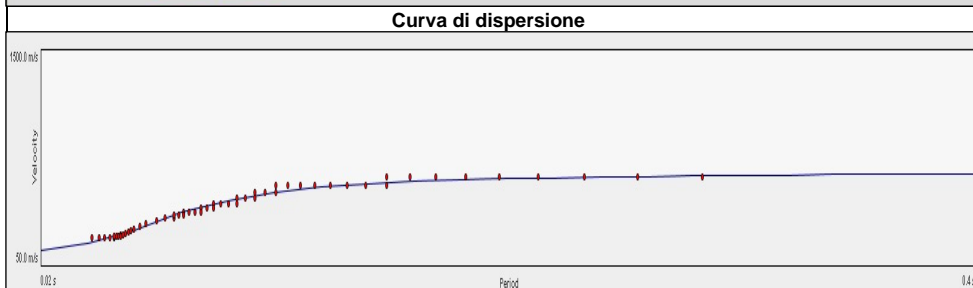
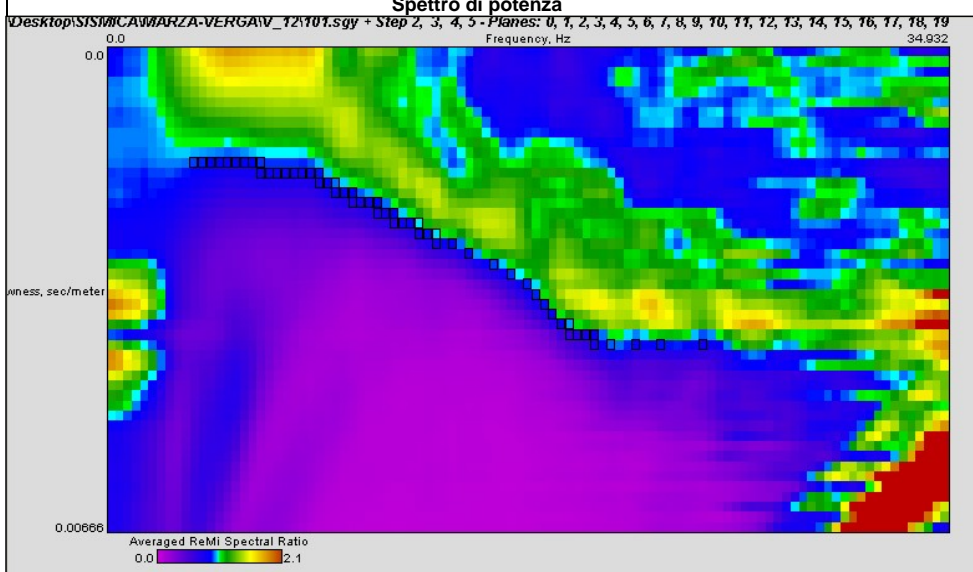
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 4.5        | 4.5      | 320 |
| 2                      | 4.5       | 19         | 14.5     | 480 |
| 3                      | 19        | 22         | 3        | 560 |
| 4                      | 22        | 24         | 2        | 640 |
| 5                      | 24        | INF        | INF      | 720 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

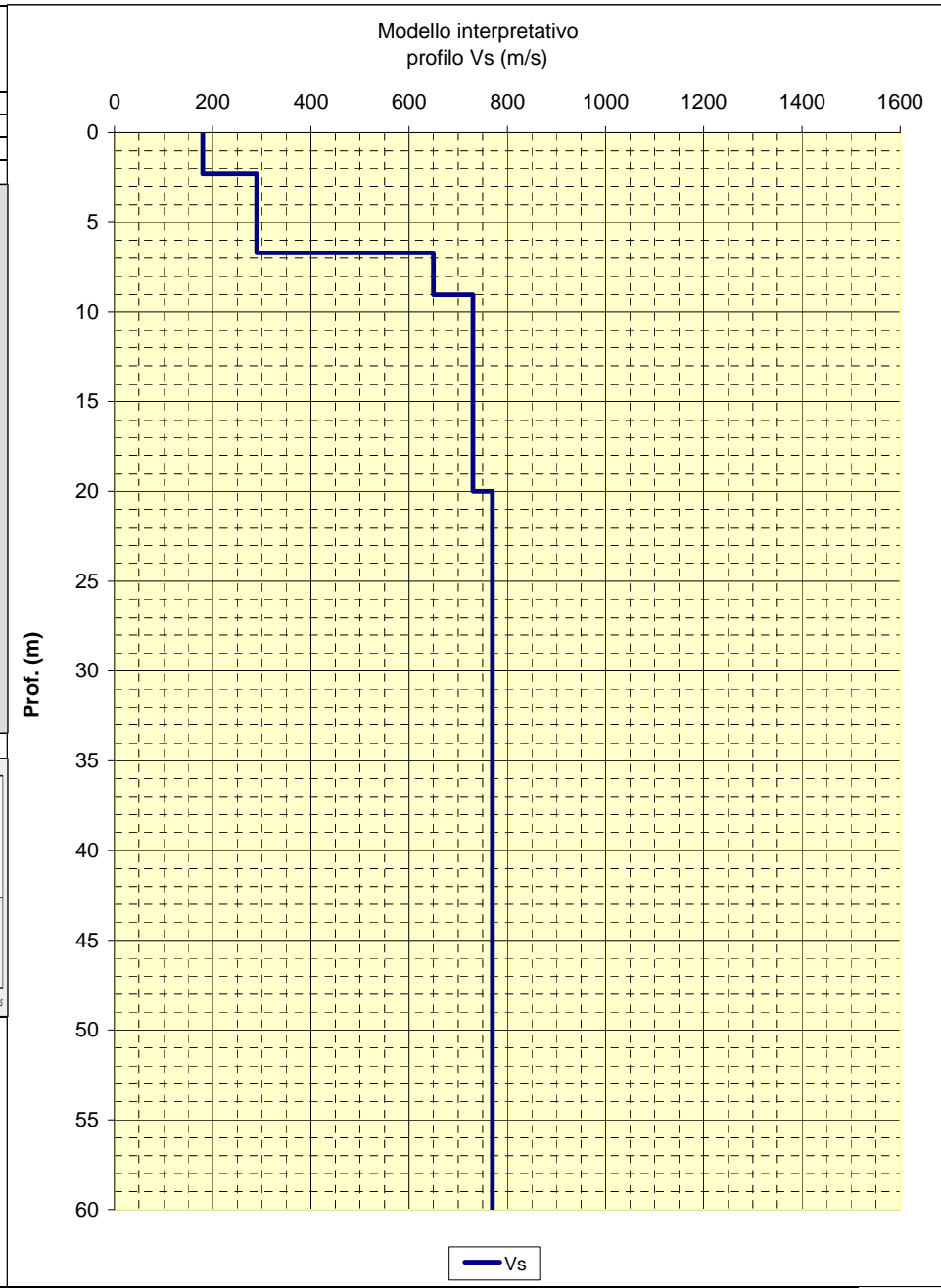
**INDAGINE MASW/Re.Mi.**  
**R12**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 10-10-2013      CANTIERE: Vergato  
 QUOTA: 195 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

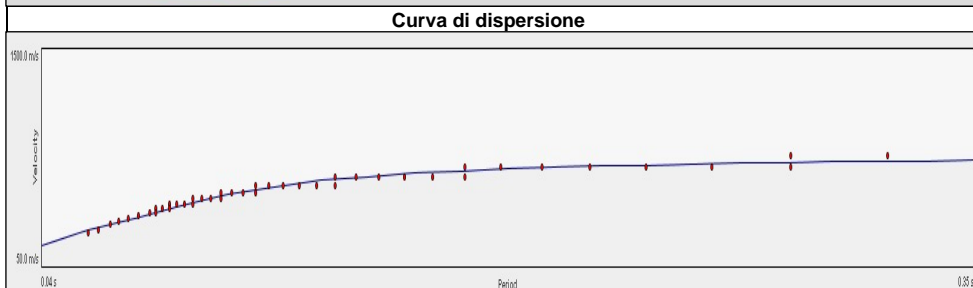
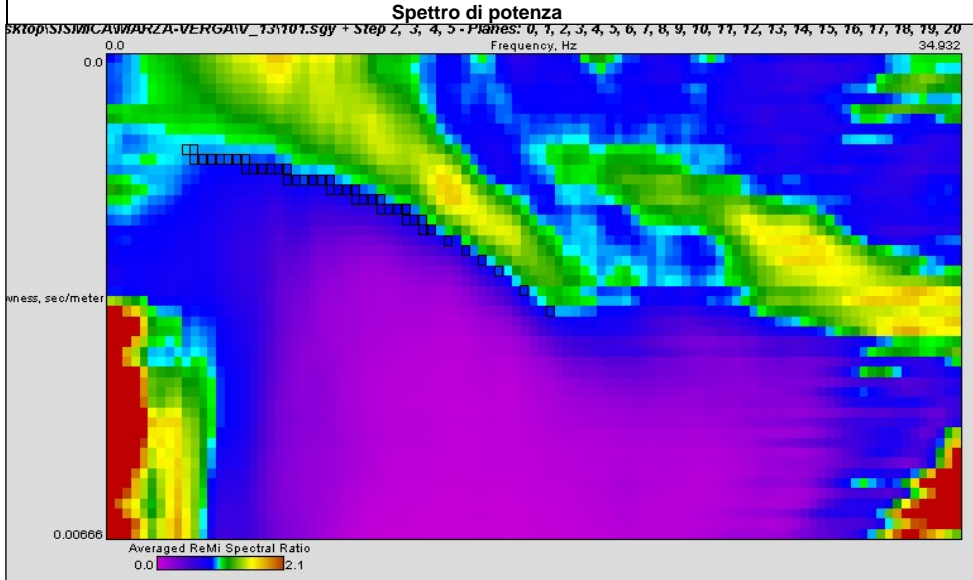
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 2.3 | 2.3        | 180      |
| 2                      | 2.3       | 6.7 | 4.4        | 290      |
| 3                      | 6.7       | 9   | 2.3        | 650      |
| 4                      | 9         | 20  | 11         | 730      |
| 5                      | 20        | INF | INF        | 770      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

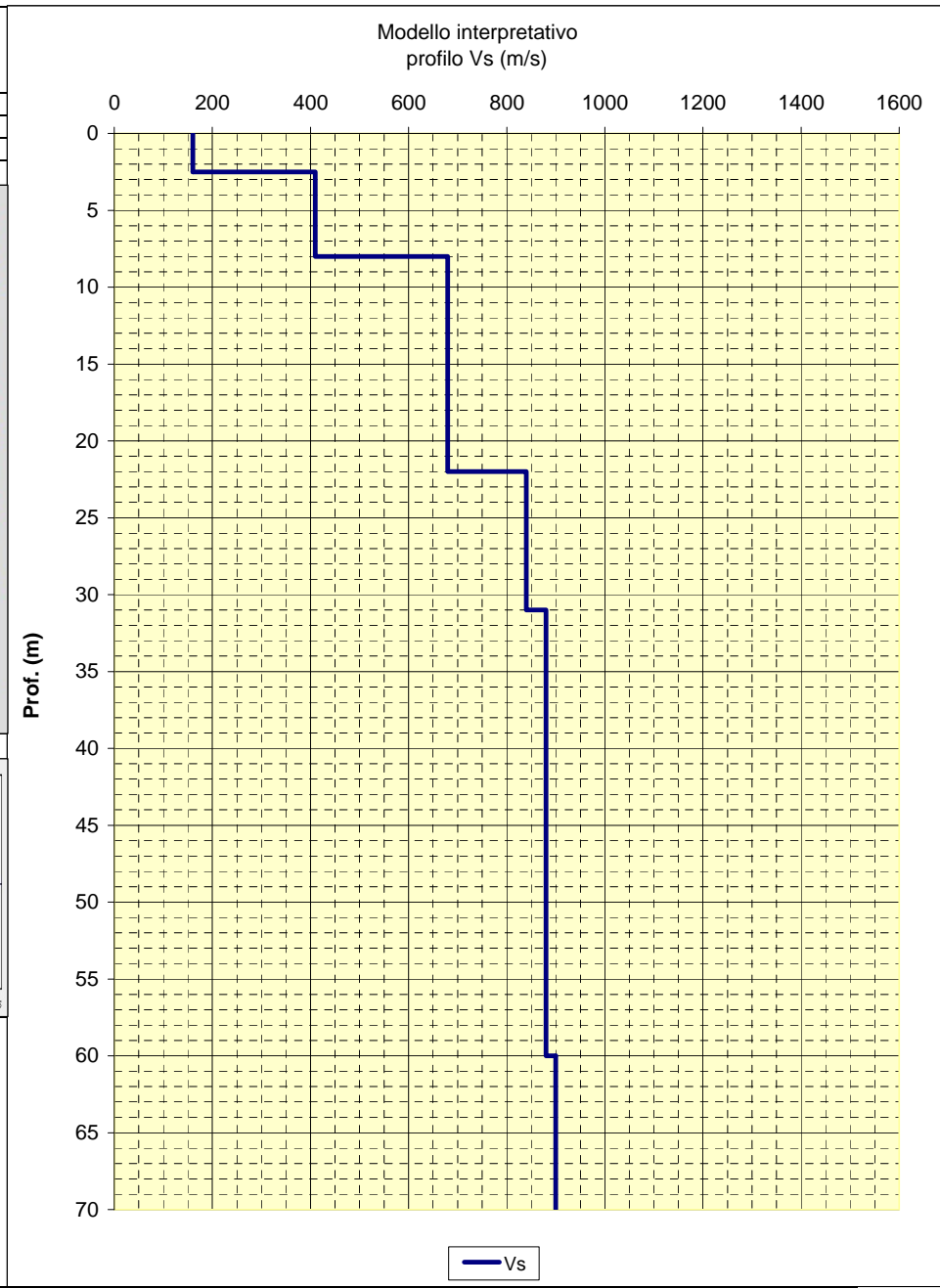
**INDAGINE MASW/Re.Mi.**  
**R13**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 10-10-2013      CANTIERE: Vergato  
 QUOTA: 200 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

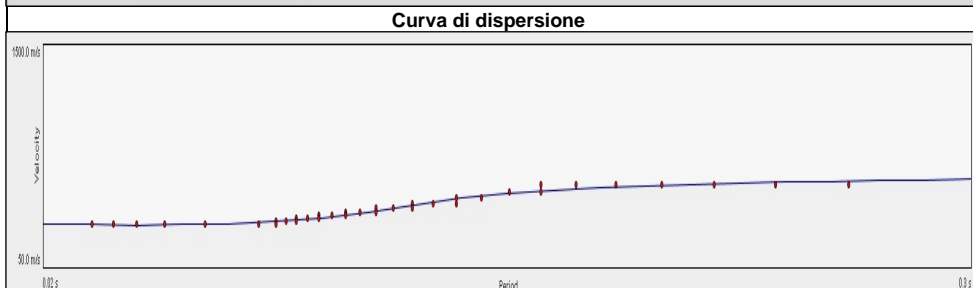
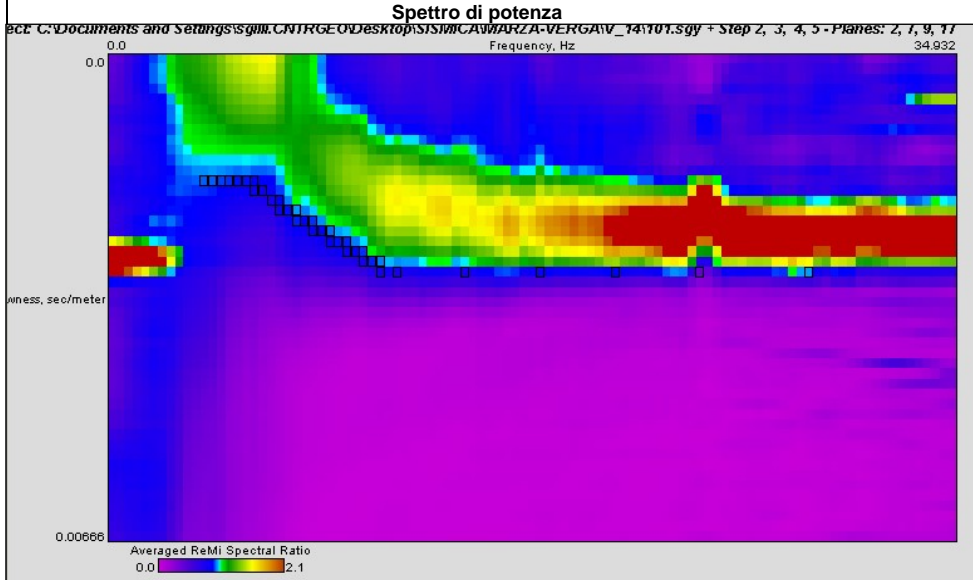
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 2.5 | 2.5        | 160      |
| 2                      | 2.8       | 8   | 5.2        | 410      |
| 3                      | 8         | 22  | 14         | 680      |
| 4                      | 22        | 31  | 9          | 840      |
| 5                      | 31        | 60  | 29         | 880      |
| 6                      | 60        | INF | INF        | 900      |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

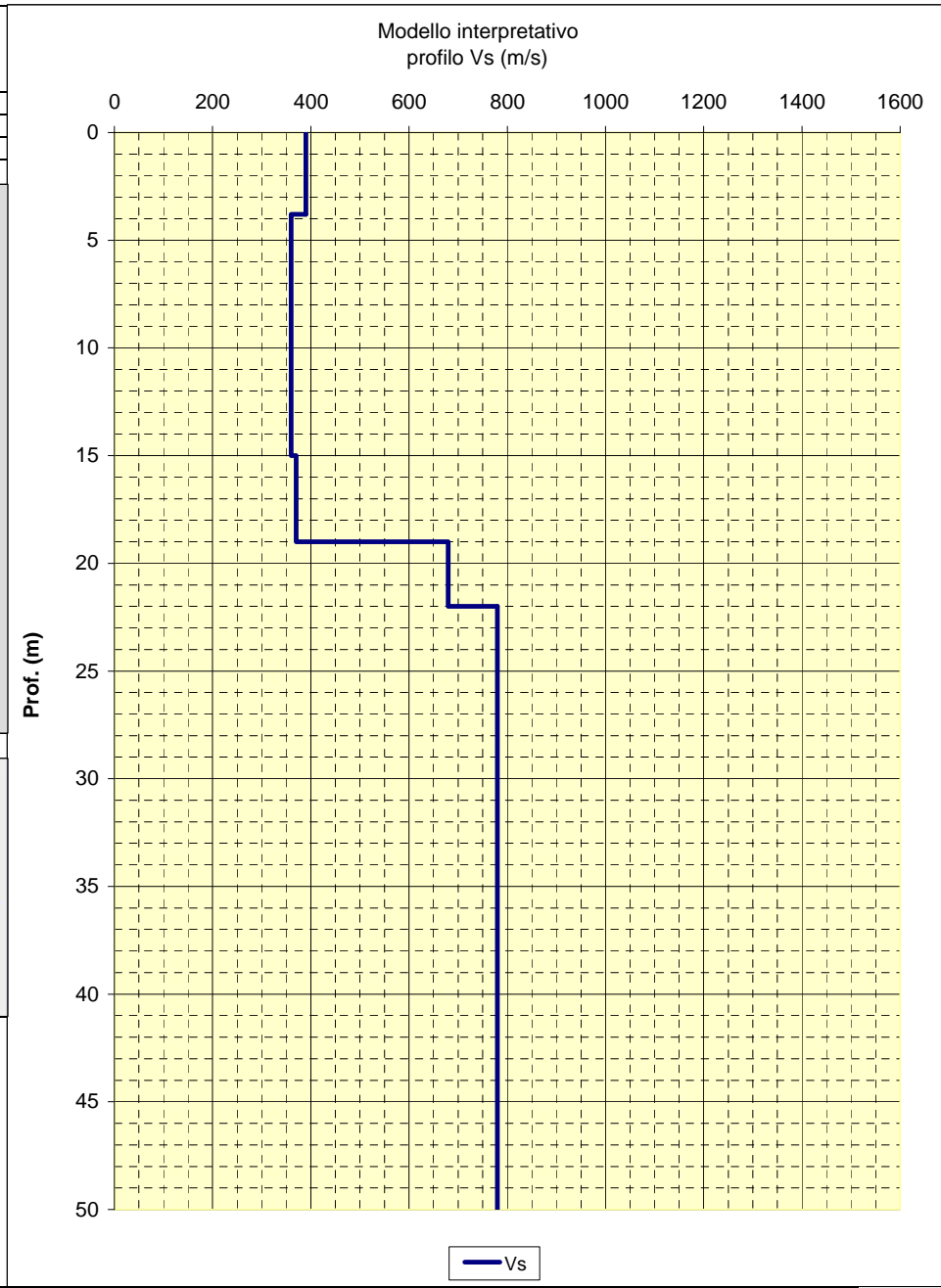
**INDAGINE MASW/Re.Mi.**  
**R14**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 10-10-2013      CANTIERE: Vergato  
 QUOTA: 195 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 3.8        | 3.8      | 390 |
| 2                      | 3.8       | 15         | 11.2     | 360 |
| 3                      | 15        | 19         | 4        | 370 |
| 4                      | 19        | 22         | 3        | 680 |
| 5                      | 22        | INF        | INF      | 780 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |

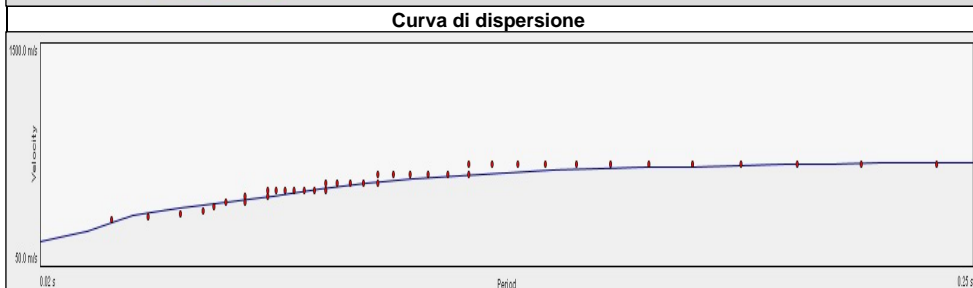
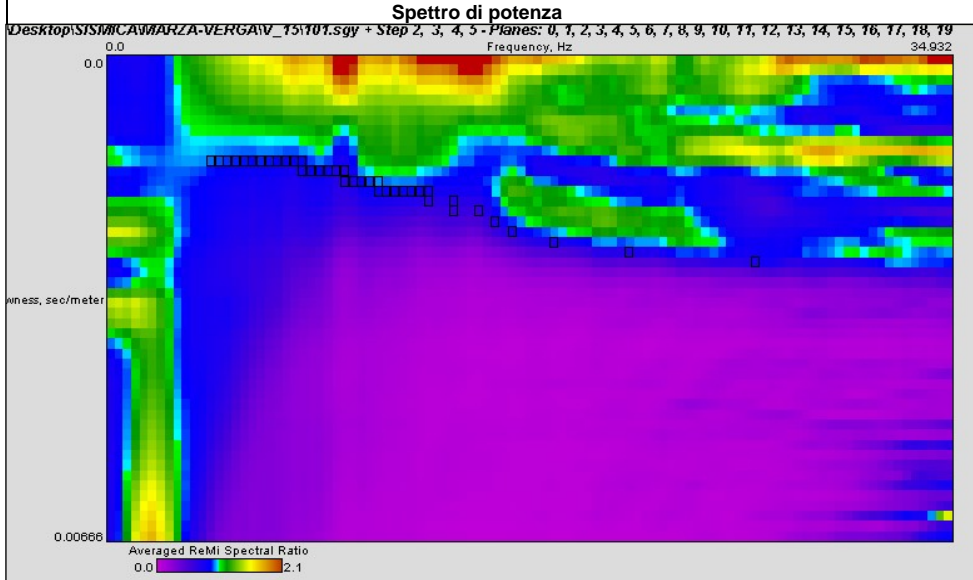




**CENTROGEO**  
P.zza S. Quirino, 6 - 42015 Correggio (RE)

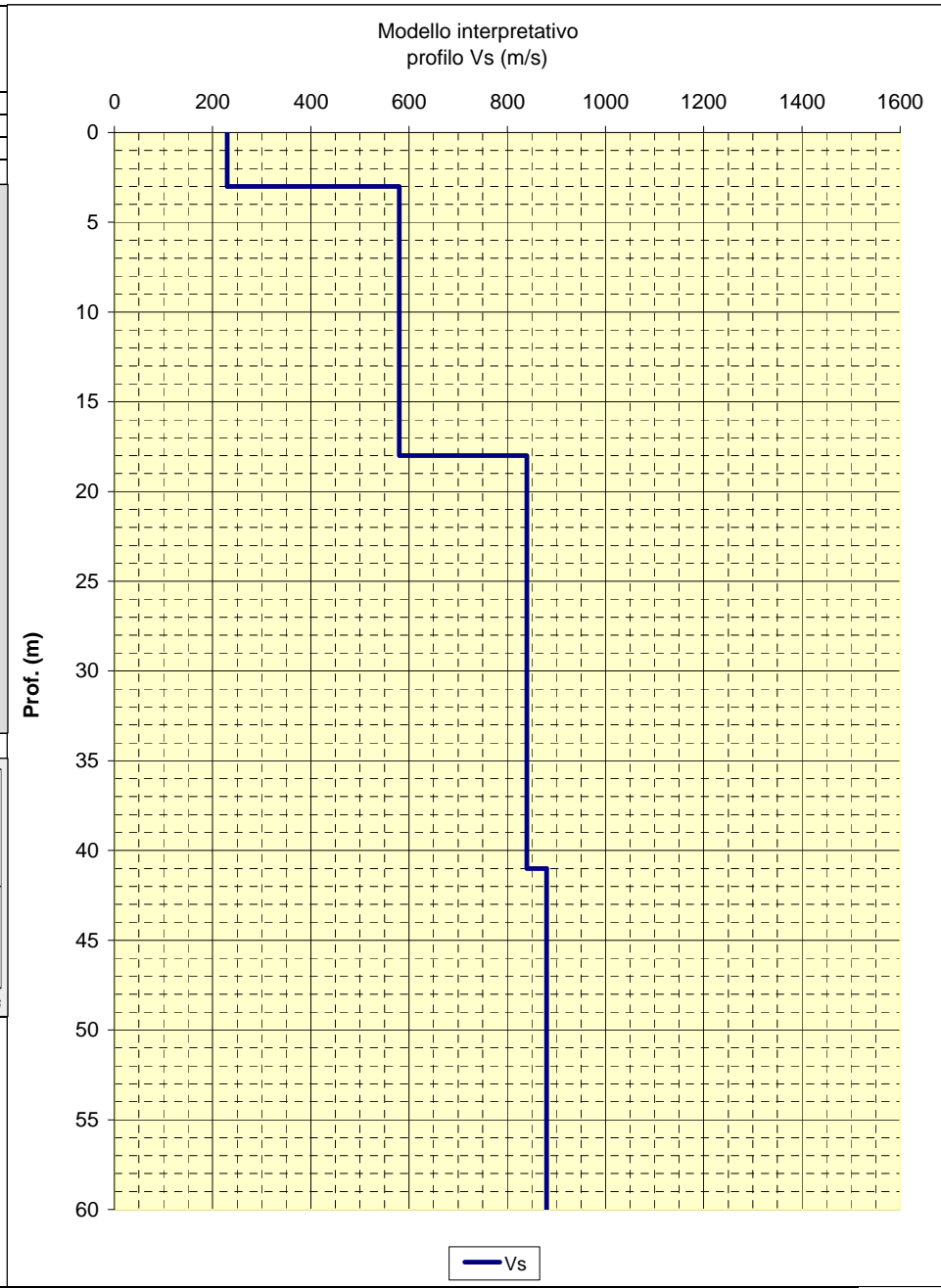
**INDAGINE MASW/Re.Mi.**  
**R15**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 10-10-2013      CANTIERE: Vergato  
 QUOTA: 215 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



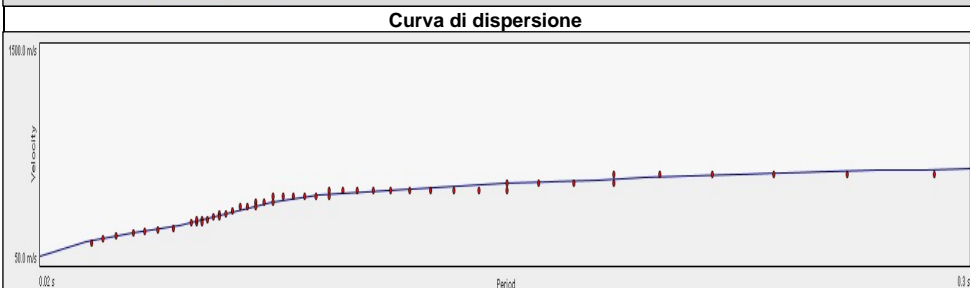
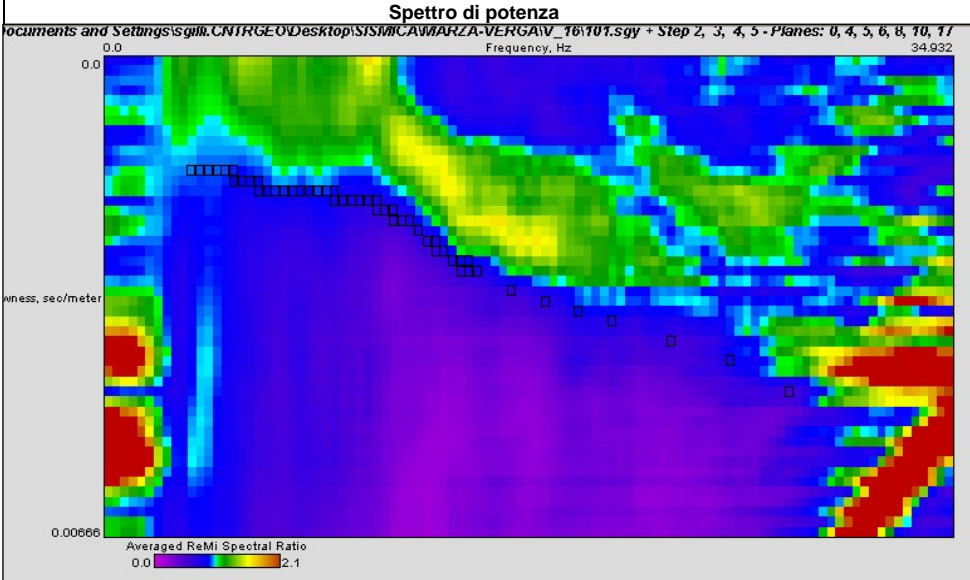
Note:

| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 3          | 3        | 230 |
| 2                      | 3         | 18         | 15       | 580 |
| 3                      | 18        | 41         | 23       | 840 |
| 4                      | 41        | INF        | INF      | 880 |
| 5                      |           |            |          |     |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



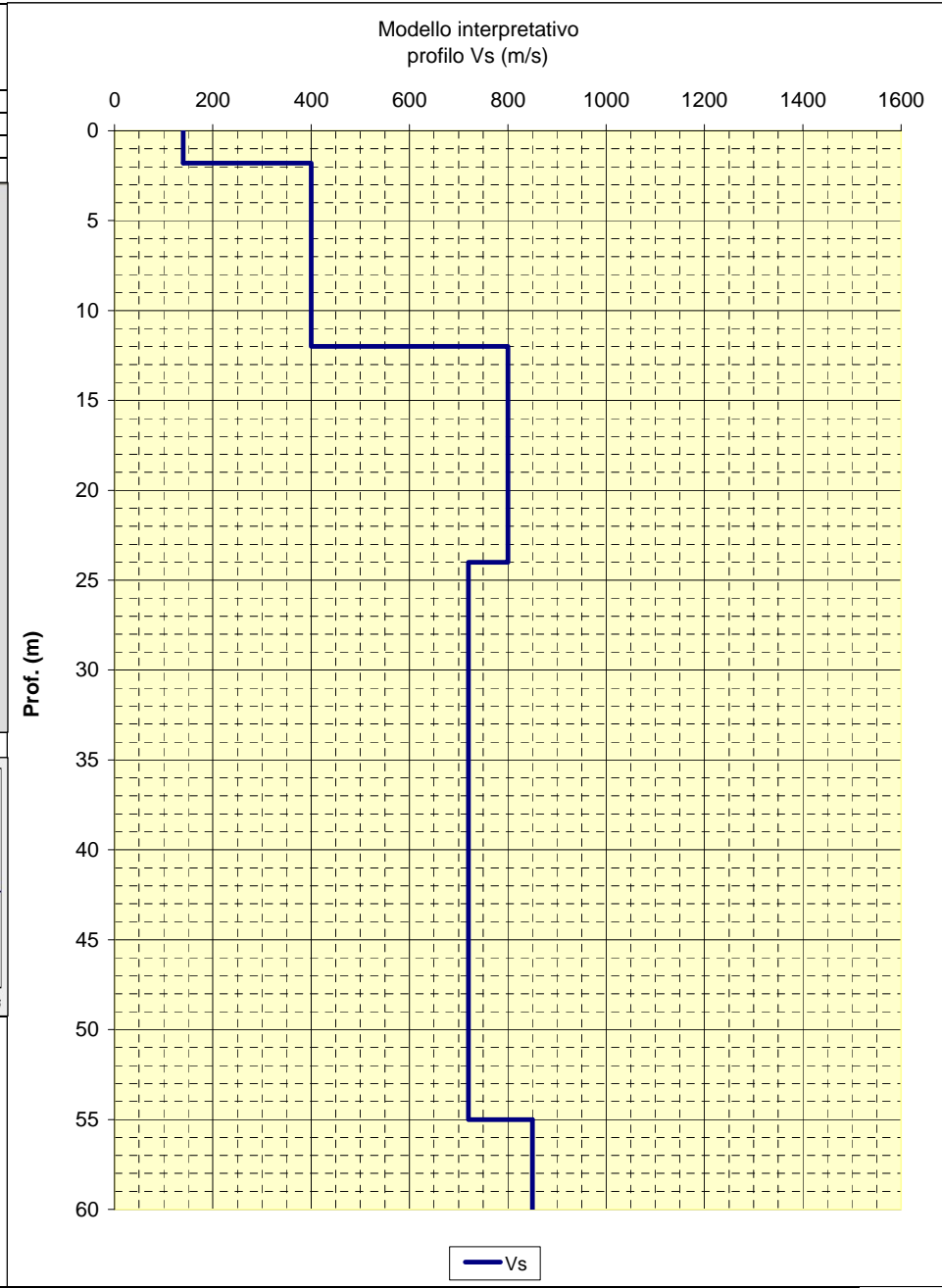
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R16</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 10-10-2013        | CANTIERE: Vergato                   |
| QUOTA: 255 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



Note:

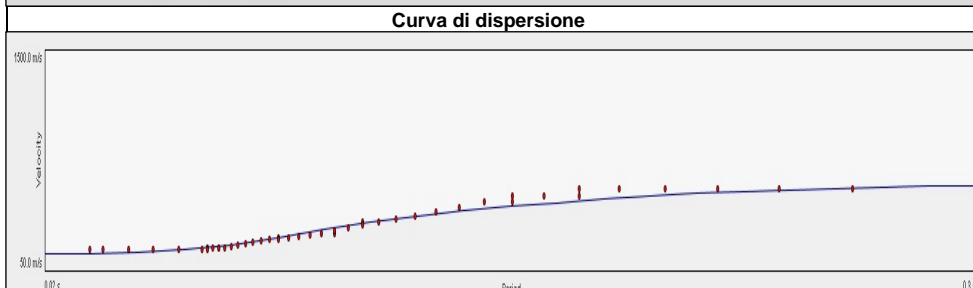
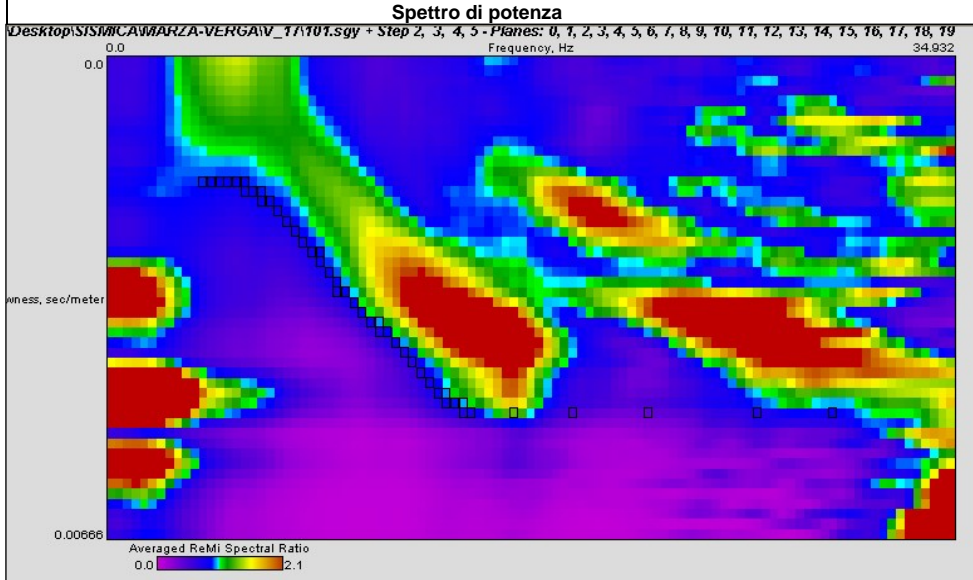
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 1.8        | 1.8      | 140 |
| 2                      | 1.8       | 12         | 10.2     | 400 |
| 3                      | 12        | 24         | 12       | 800 |
| 4                      | 24        | 55         | 31       | 720 |
| 5                      | 55        | INF        | INF      | 850 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

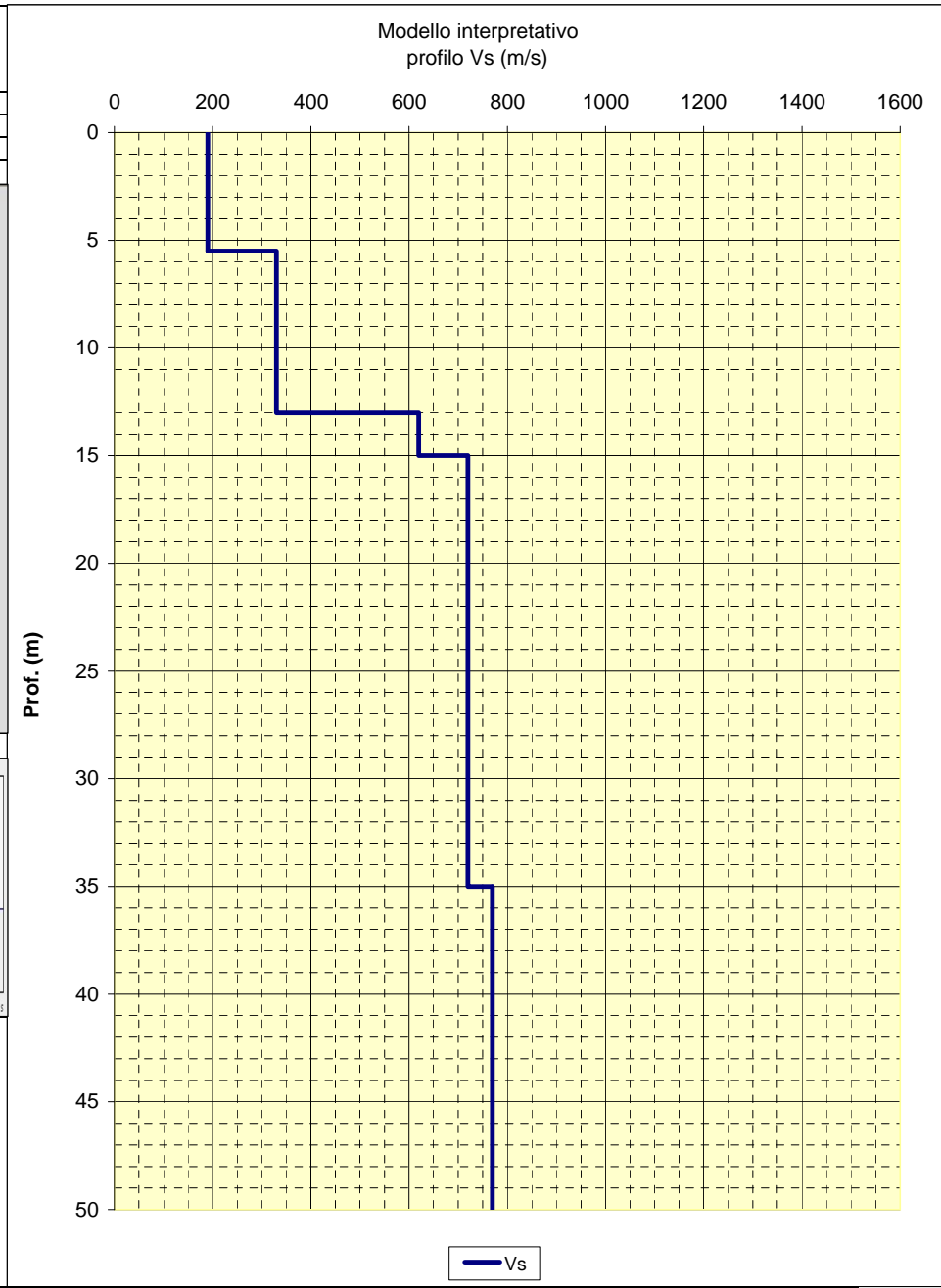
**INDAGINE MASW/Re.Mi.**  
**R17**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 14-10-2013      CANTIERE: Vergato  
 QUOTA: 235 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

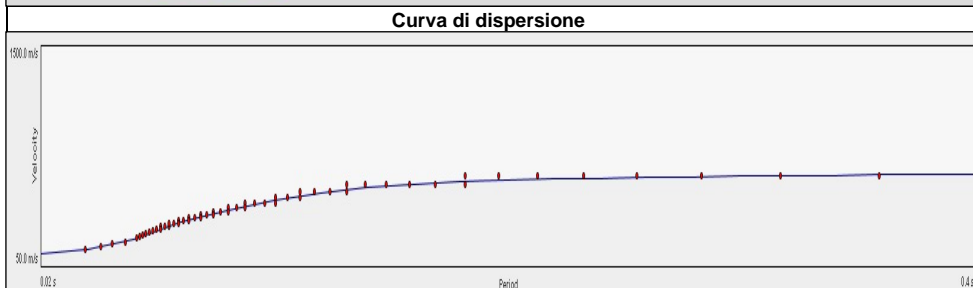
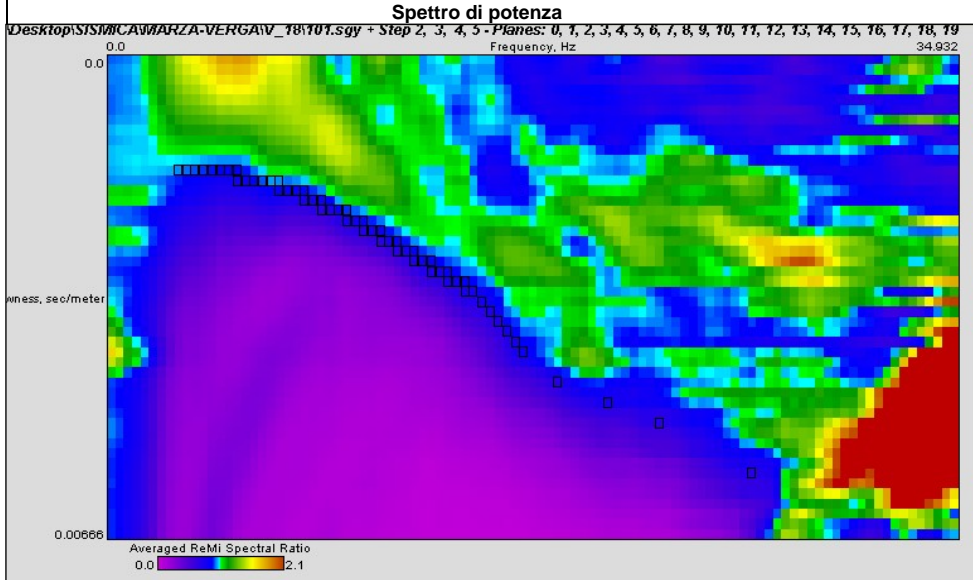
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 5.5        | 5.5      | 190 |
| 2                      | 5.5       | 13         | 7.5      | 330 |
| 3                      | 13        | 15         | 2        | 620 |
| 4                      | 15        | 35         | 20       | 720 |
| 5                      | 35        | INF        | INF      | 770 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

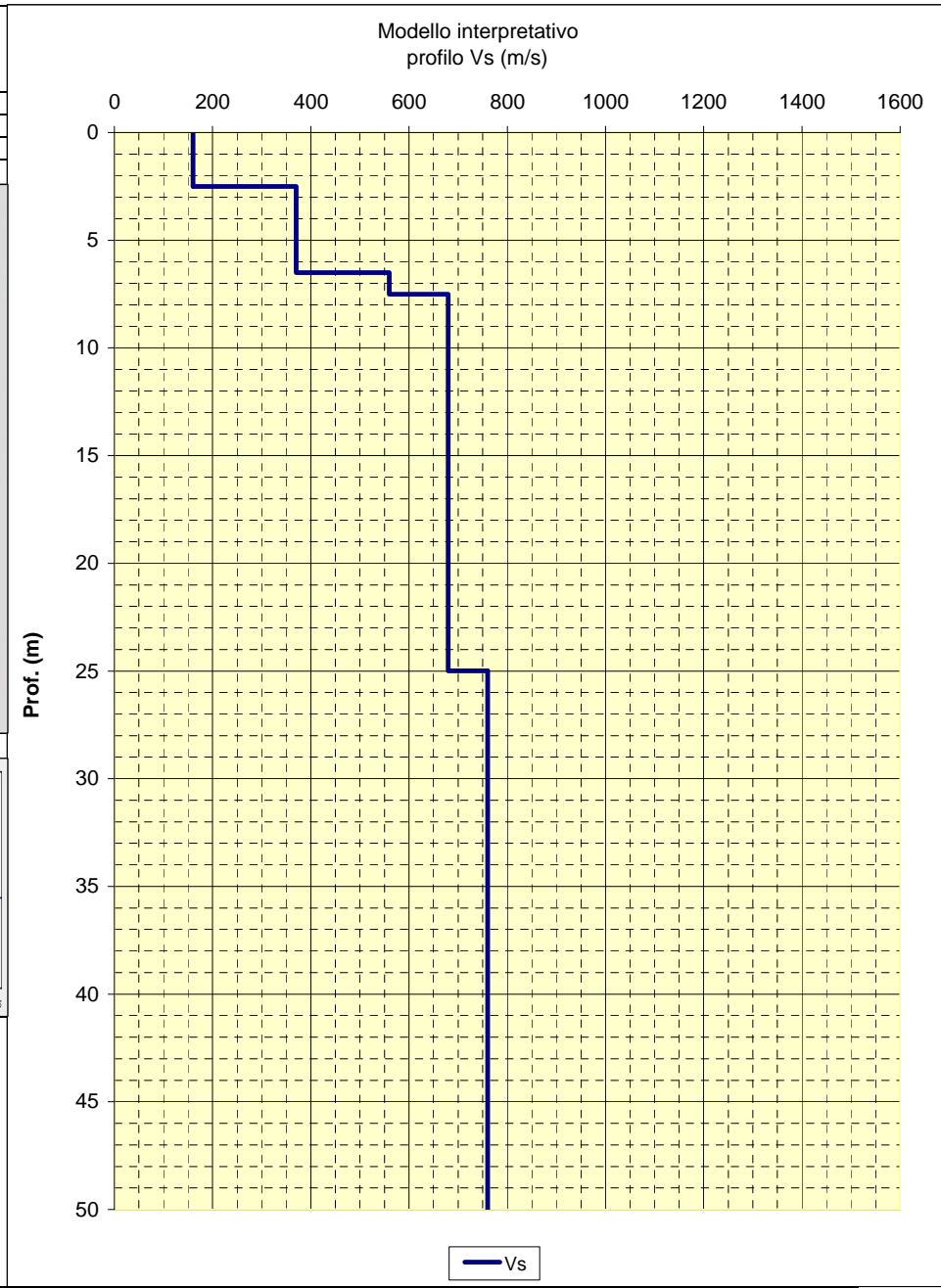
**INDAGINE MASW/Re.Mi.**  
**R18**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 14-10-2013      CANTIERE: Vergato  
 QUOTA: 230 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

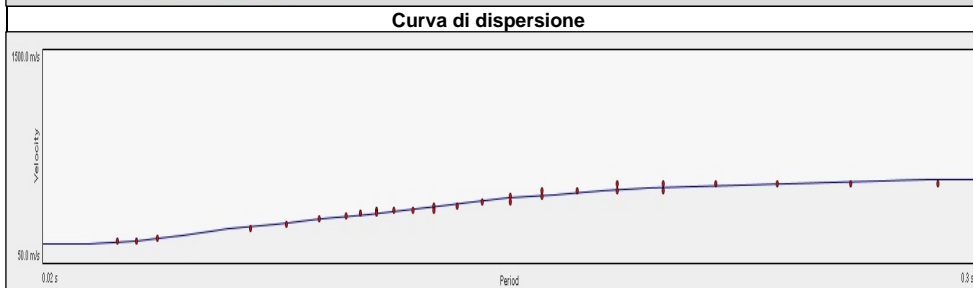
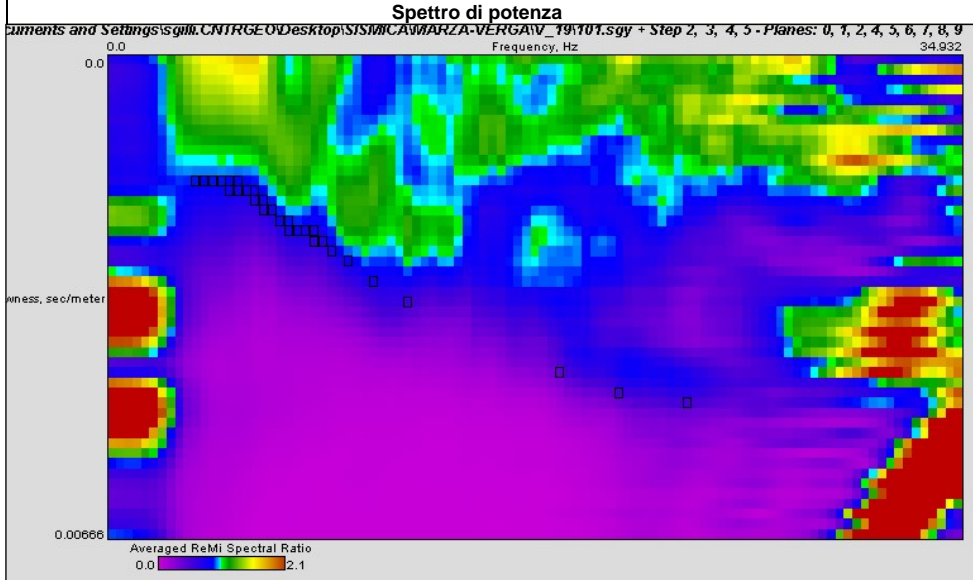
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 2.5 | 2.5        | 160      |
| 2                      | 2.5       | 6.5 | 4          | 370      |
| 3                      | 6.5       | 7.5 | 1          | 560      |
| 4                      | 7.5       | 25  | 17.5       | 680      |
| 5                      | 25        | INF | INF        | 760      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

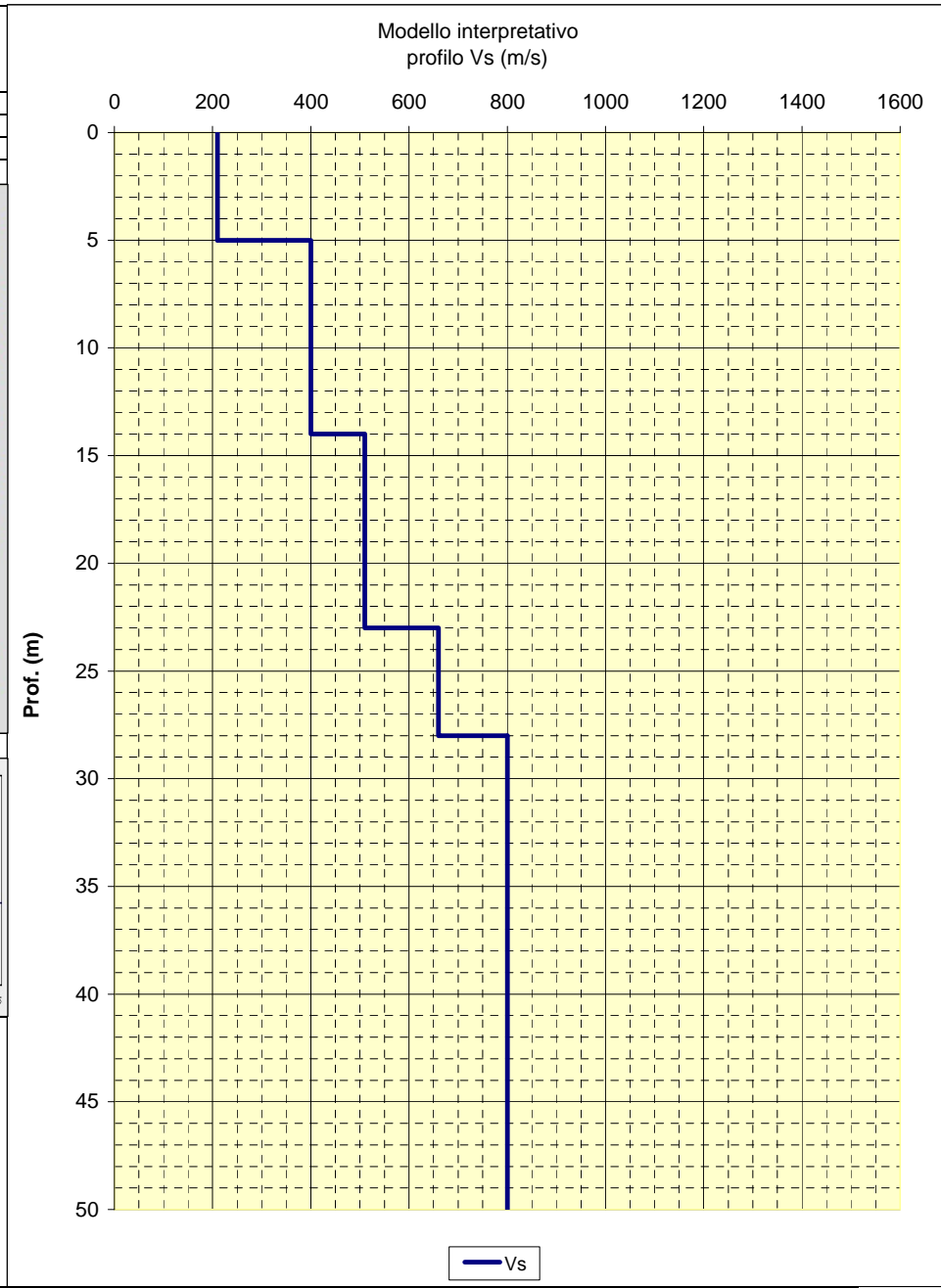
**INDAGINE MASW/Re.Mi.**  
**R19**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 14-10-2013      CANTIERE: Vergato  
 QUOTA: 200 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

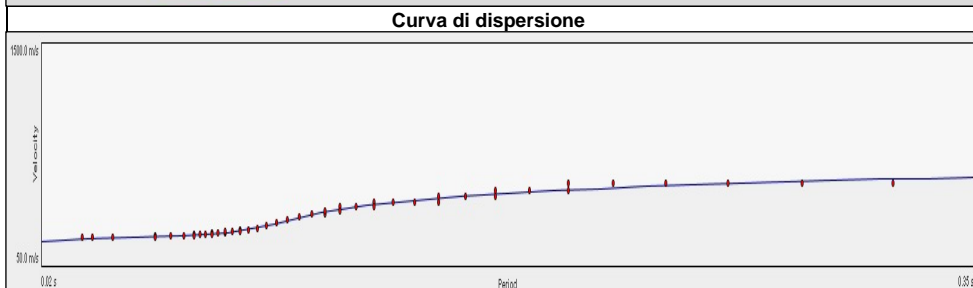
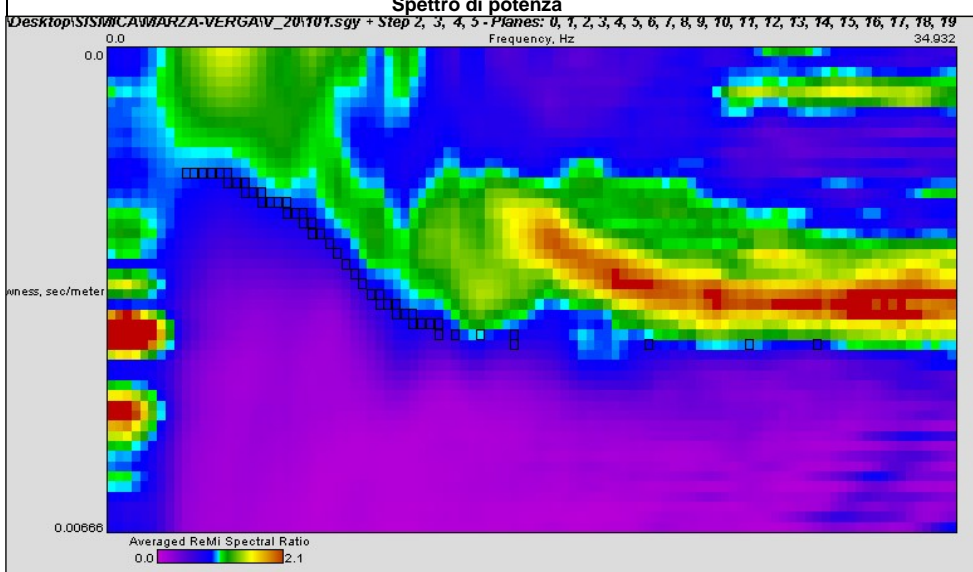
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 5          | 5        | 210 |
| 2                      | 5         | 14         | 9        | 400 |
| 3                      | 14        | 23         | 9        | 510 |
| 4                      | 23        | 28         | 5        | 660 |
| 5                      | 28        | INF        | INF      | 800 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

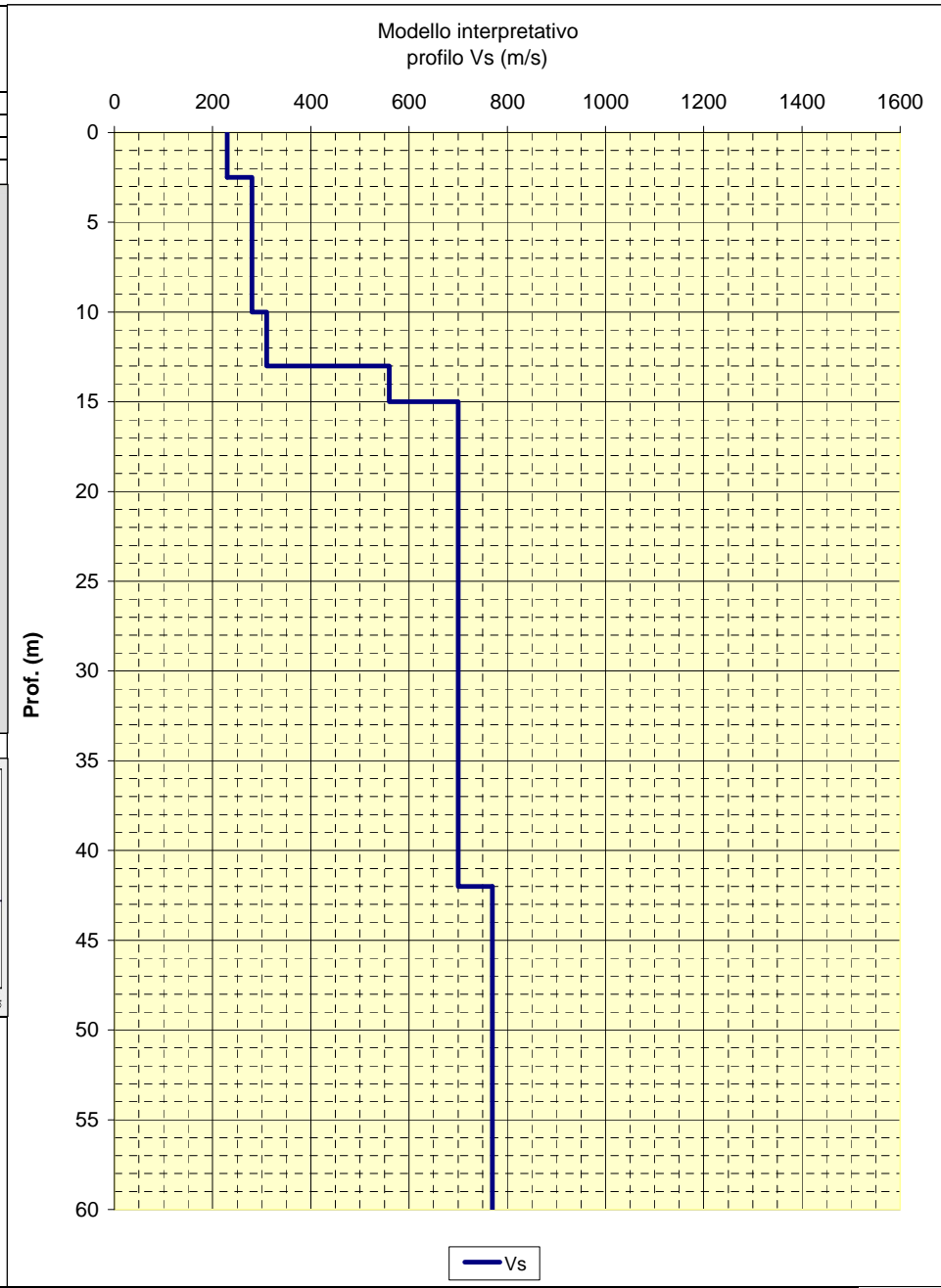
**INDAGINE MASW/Re.Mi.**  
**R20**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 14-10-2013      CANTIERE: Vergato  
 QUOTA: 200 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



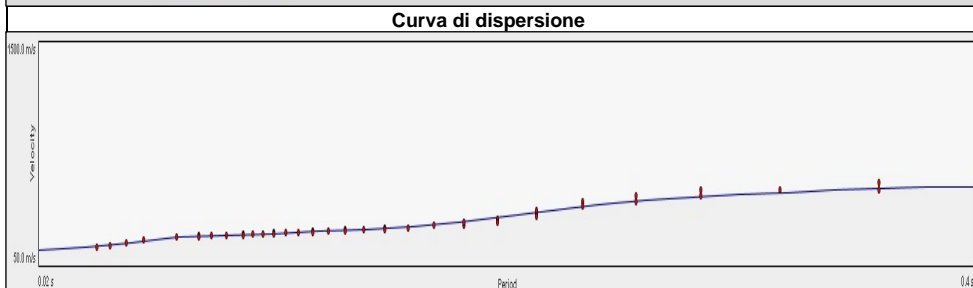
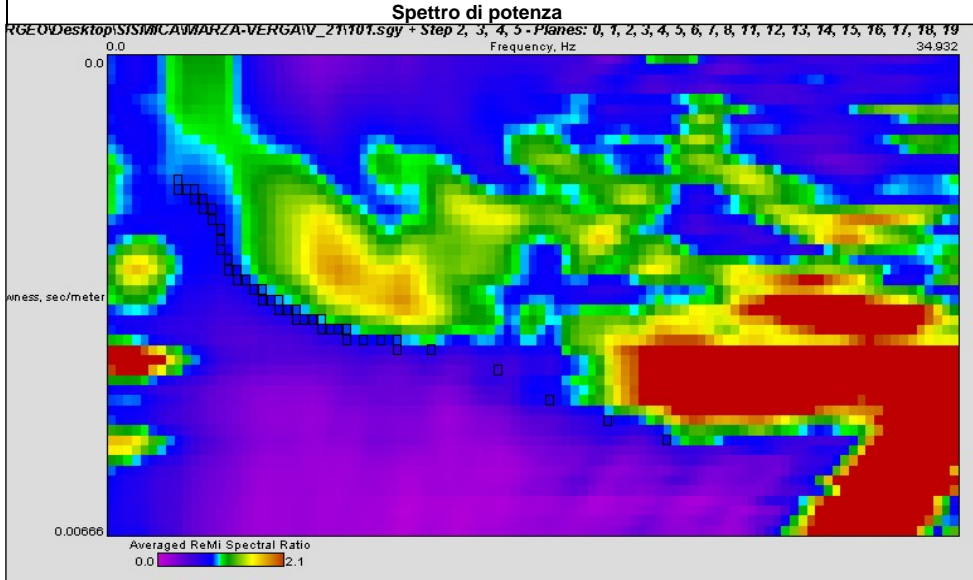
Note:

| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 2.5 | 2.5        | 230      |
| 2                      | 2.5       | 10  | 7.5        | 280      |
| 3                      | 10        | 13  | 3          | 310      |
| 4                      | 13        | 15  | 2          | 560      |
| 5                      | 15        | 42  | 27         | 700      |
| 6                      | 42        | INF | INF        | 770      |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



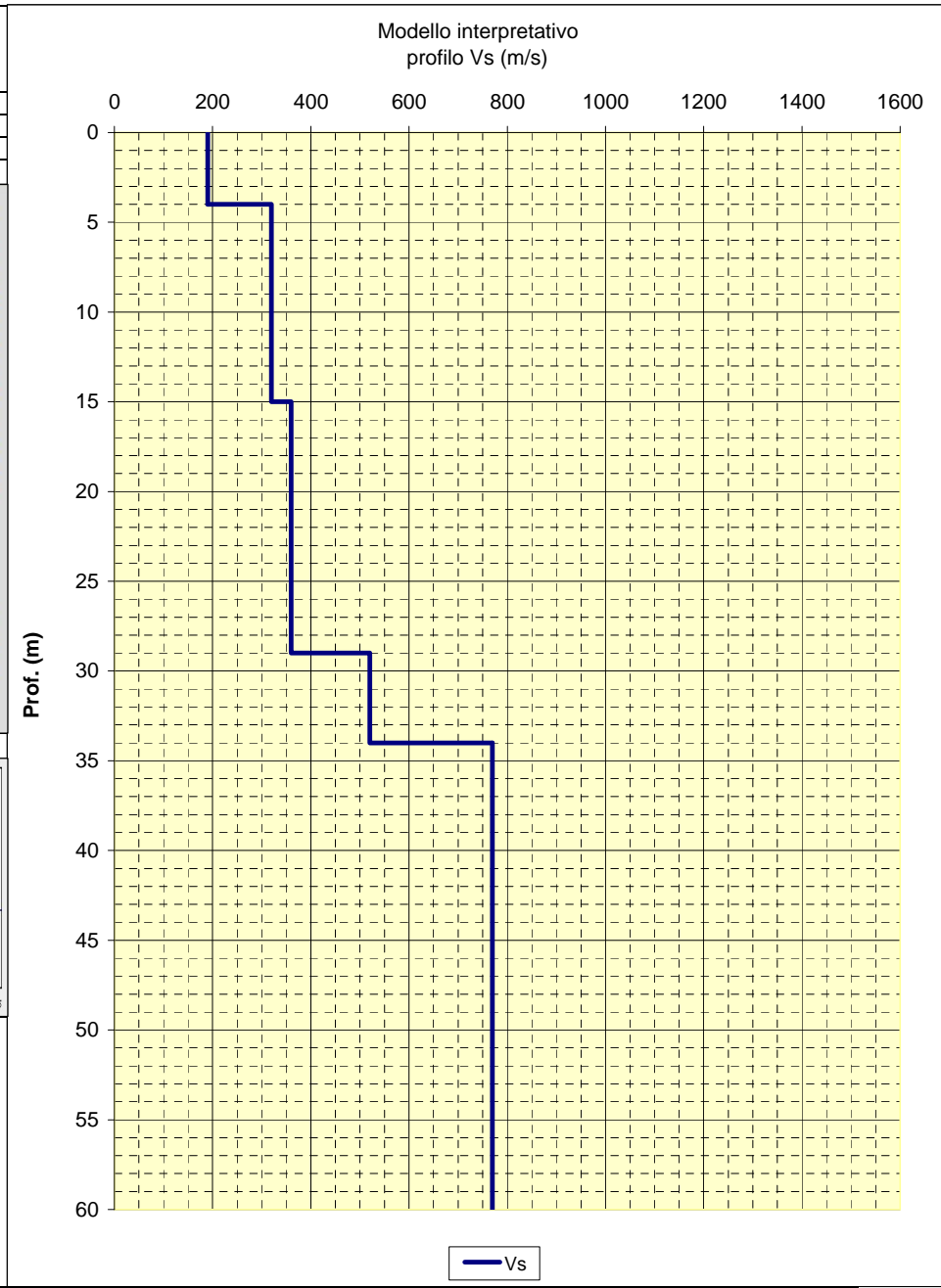
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R21</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 14-10-2013        | CANTIERE: Tolè                      |
| QUOTA: 660 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



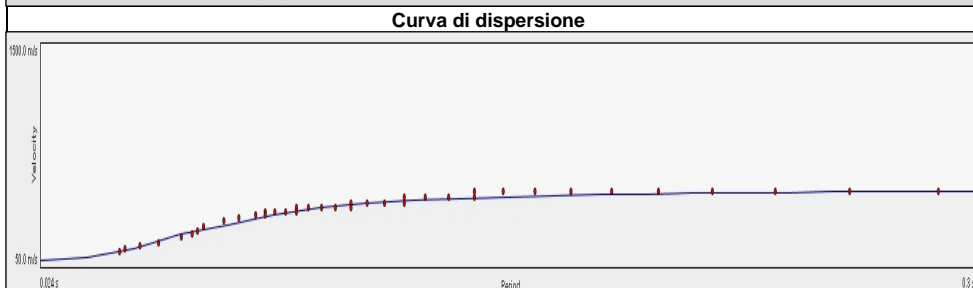
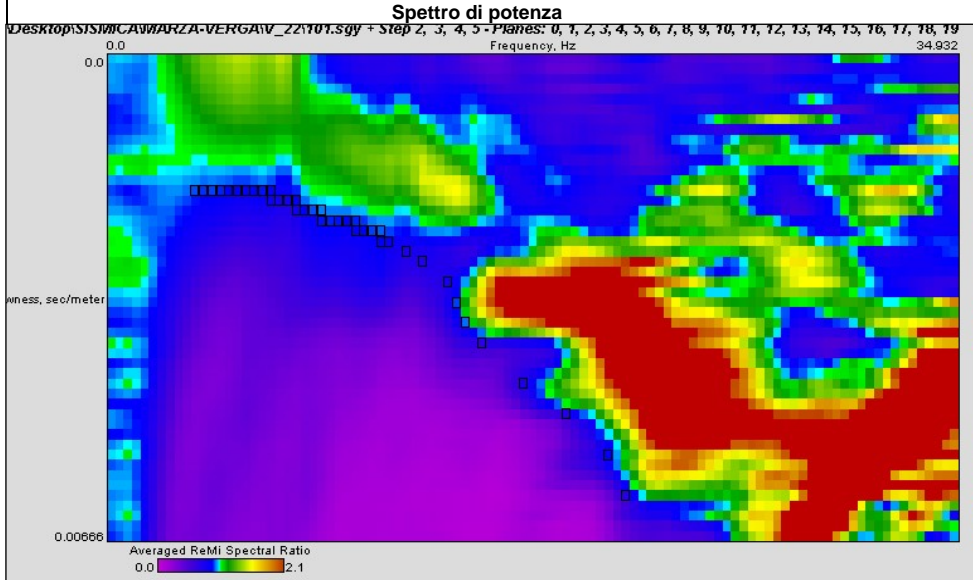
Note:

| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 4   | 4          | 190      |
| 2                      | 4         | 15  | 11         | 320      |
| 3                      | 15        | 29  | 14         | 360      |
| 4                      | 29        | 34  | 5          | 520      |
| 5                      | 34        | INF | INF        | 770      |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



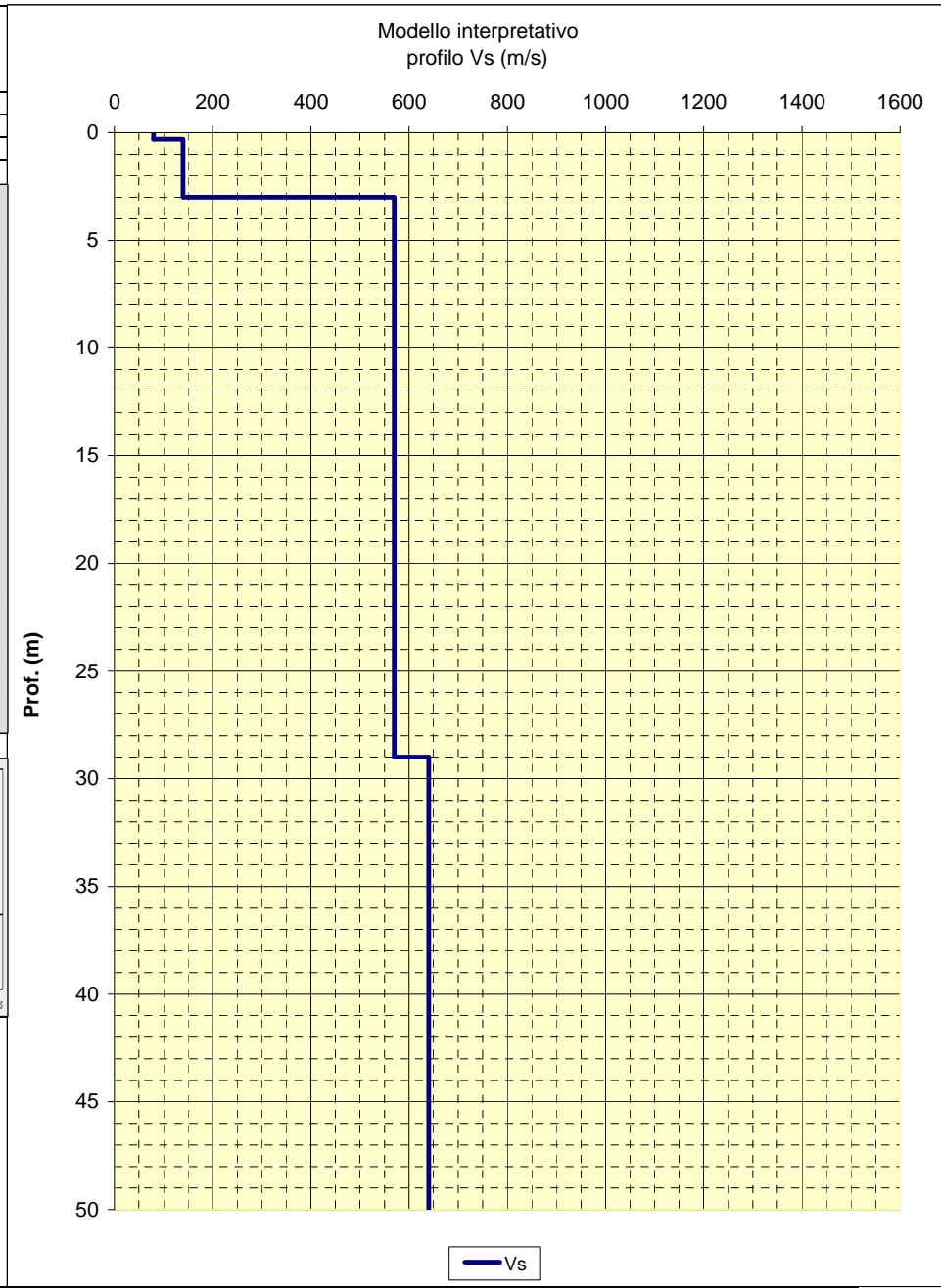
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R22</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 14-10-2013        | CANTIERE: Tolè                      |
| QUOTA: 670 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



Note:

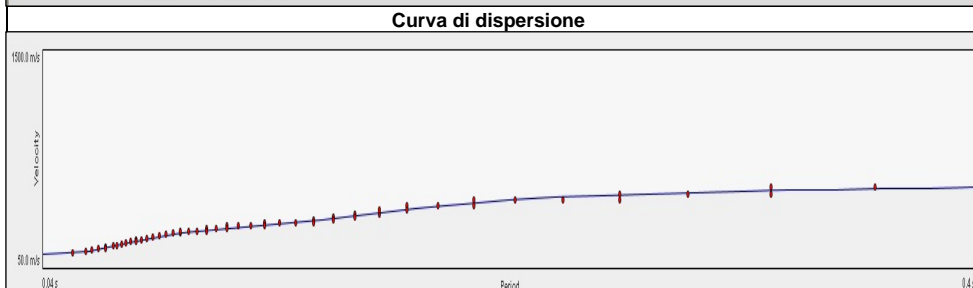
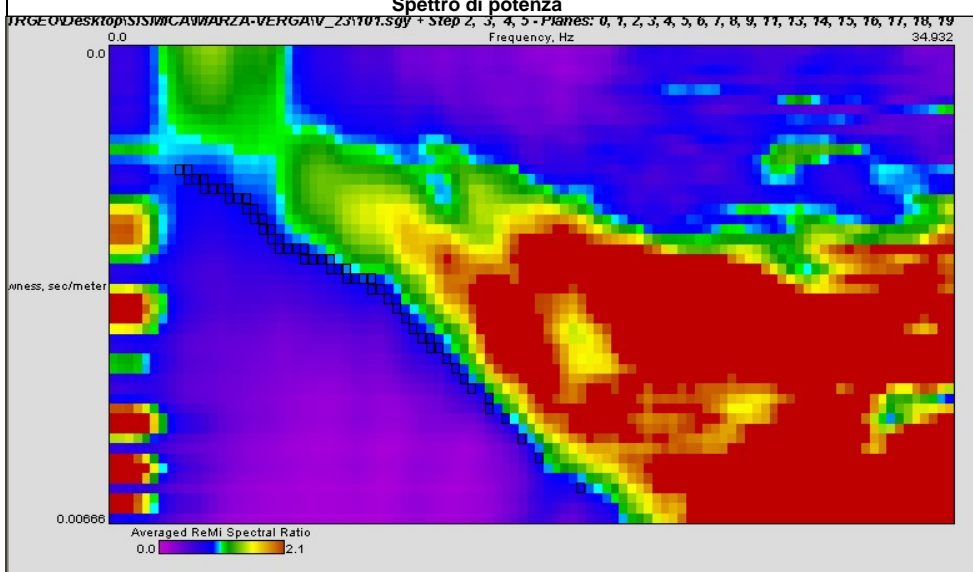
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 0,3 | 0,3        | 80       |
| 2                      | 0,3       | 3   | 2,7        | 140      |
| 3                      | 3         | 29  | 26         | 570      |
| 4                      | 29        | INF | INF        | 640      |
| 5                      |           |     |            |          |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |





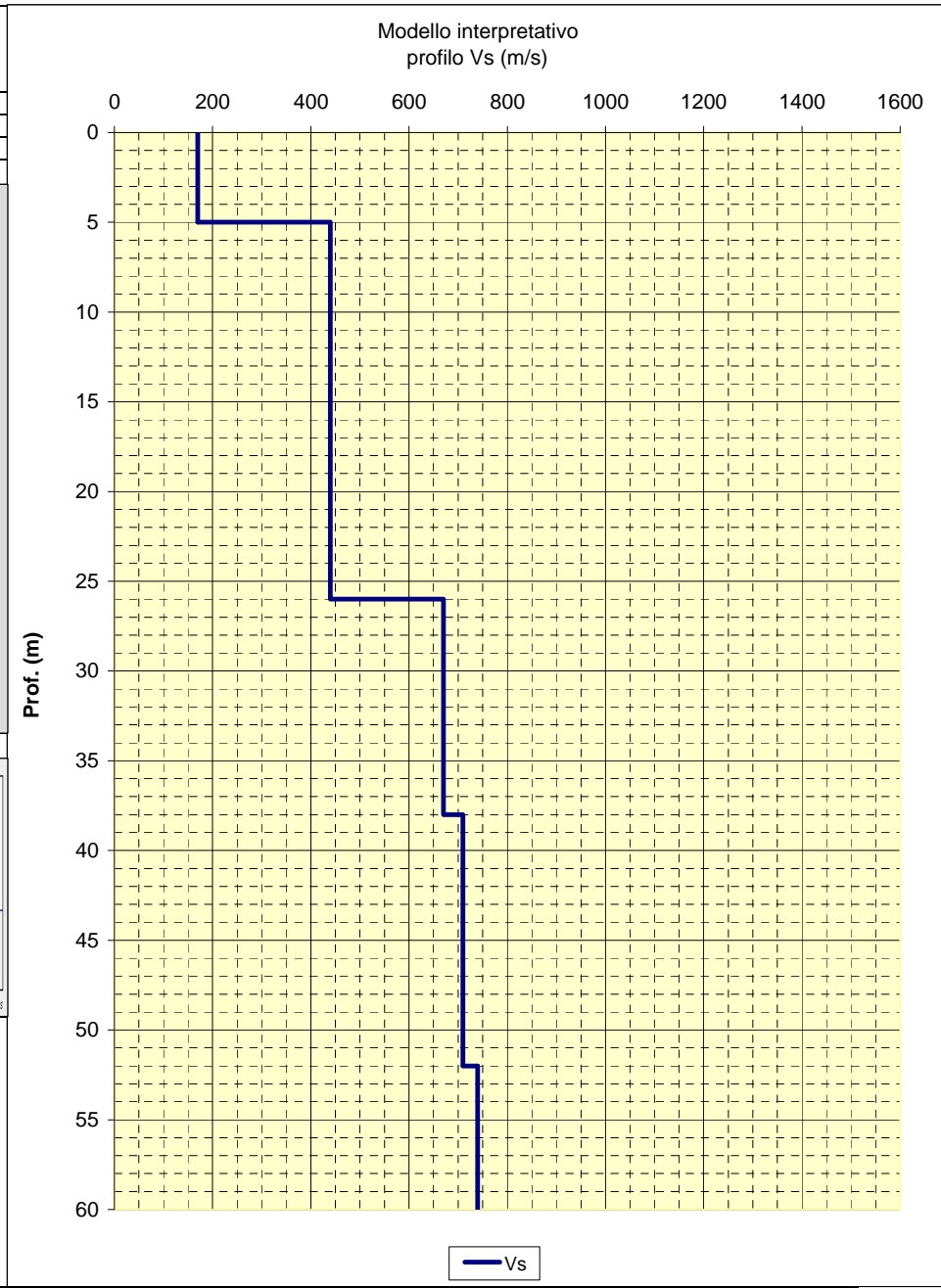
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R23</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 15-10-2013        | CANTIERE: Tolè                      |
| QUOTA: 670 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



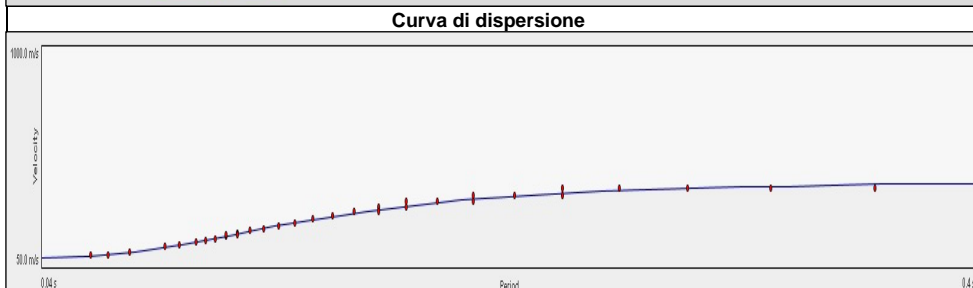
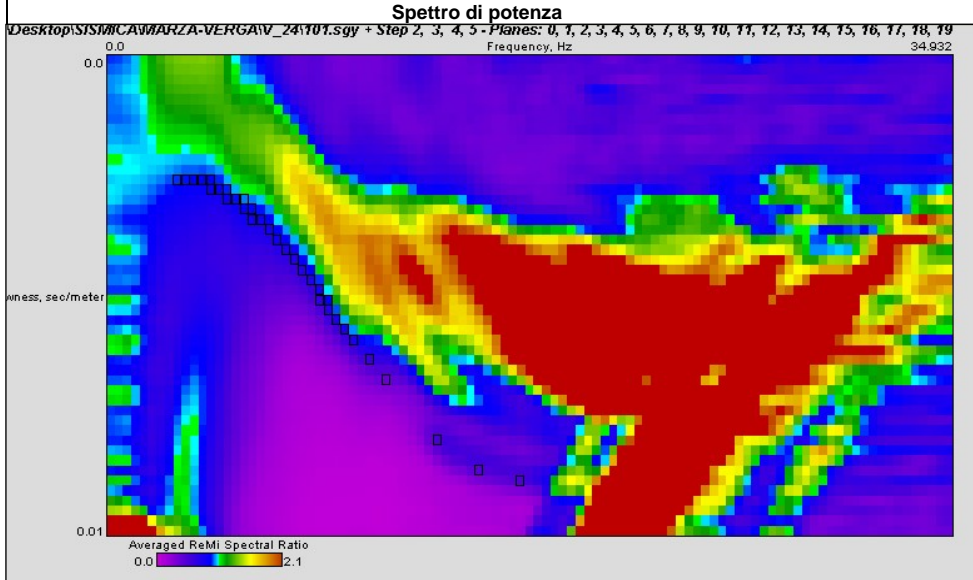
Note:

| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 5          | 5        | 170 |
| 2                      | 5         | 26         | 21       | 440 |
| 3                      | 26        | 38         | 12       | 670 |
| 4                      | 38        | 52         | 14       | 710 |
| 5                      | 52        | INF        | INF      | 740 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



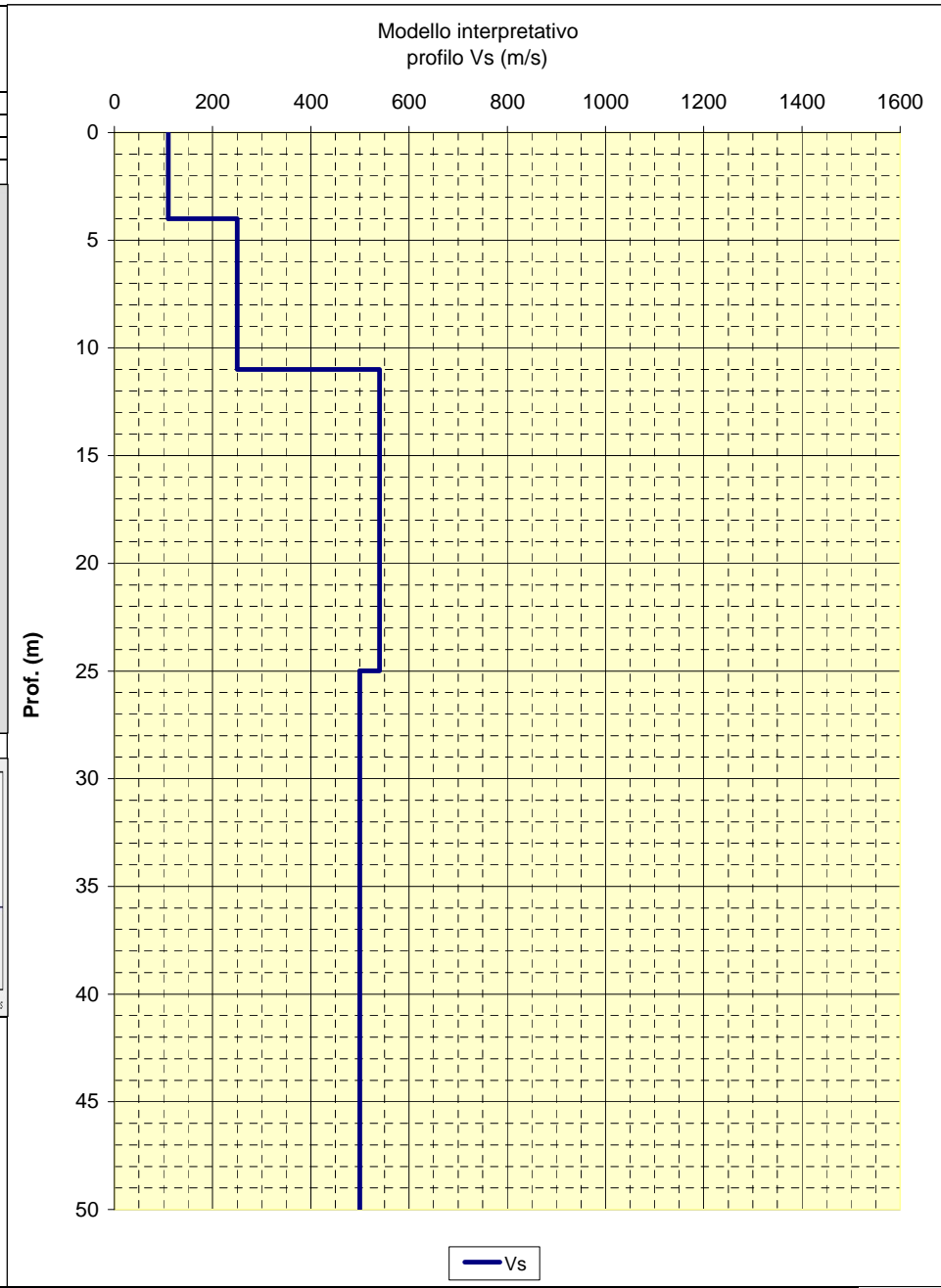
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R24</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 15-10-2013        | CANTIERE: Tolè                      |
| QUOTA: 660 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



Note:

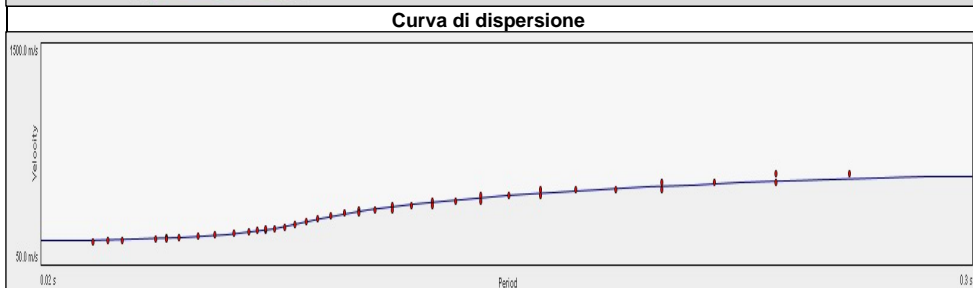
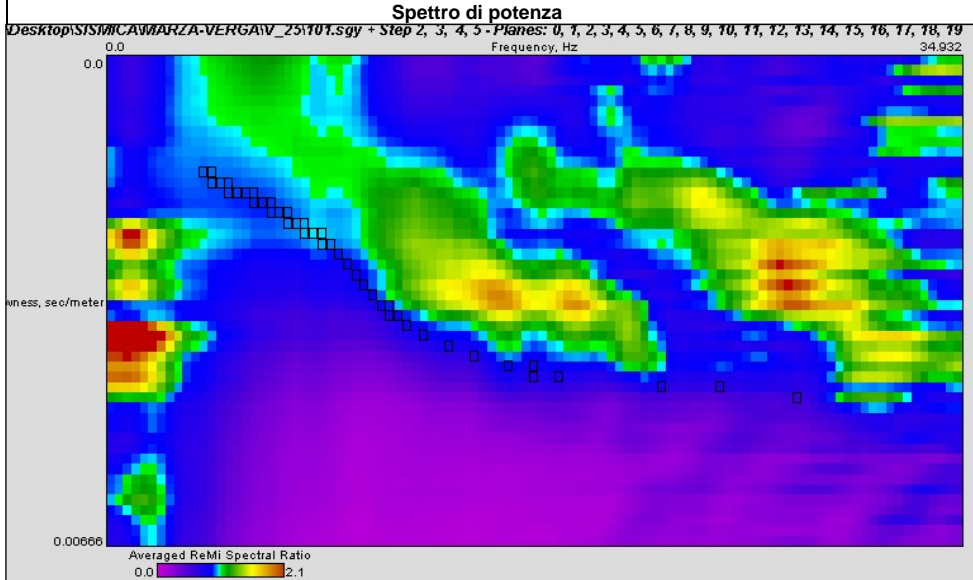
| Modello interpretativo |           |     |            |          |
|------------------------|-----------|-----|------------|----------|
| Strato n°              | Prof. (m) |     | Spess. (m) | Vs (m/s) |
| 1                      | 0         | 4   | 4          | 110      |
| 2                      | 4         | 11  | 7          | 250      |
| 3                      | 11        | 25  | 14         | 540      |
| 4                      | 25        | INF | INF        | 500      |
| 5                      |           |     |            |          |
| 6                      |           |     |            |          |
| 7                      |           |     |            |          |
| 8                      |           |     |            |          |
| 9                      |           |     |            |          |
| 10                     |           |     |            |          |



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

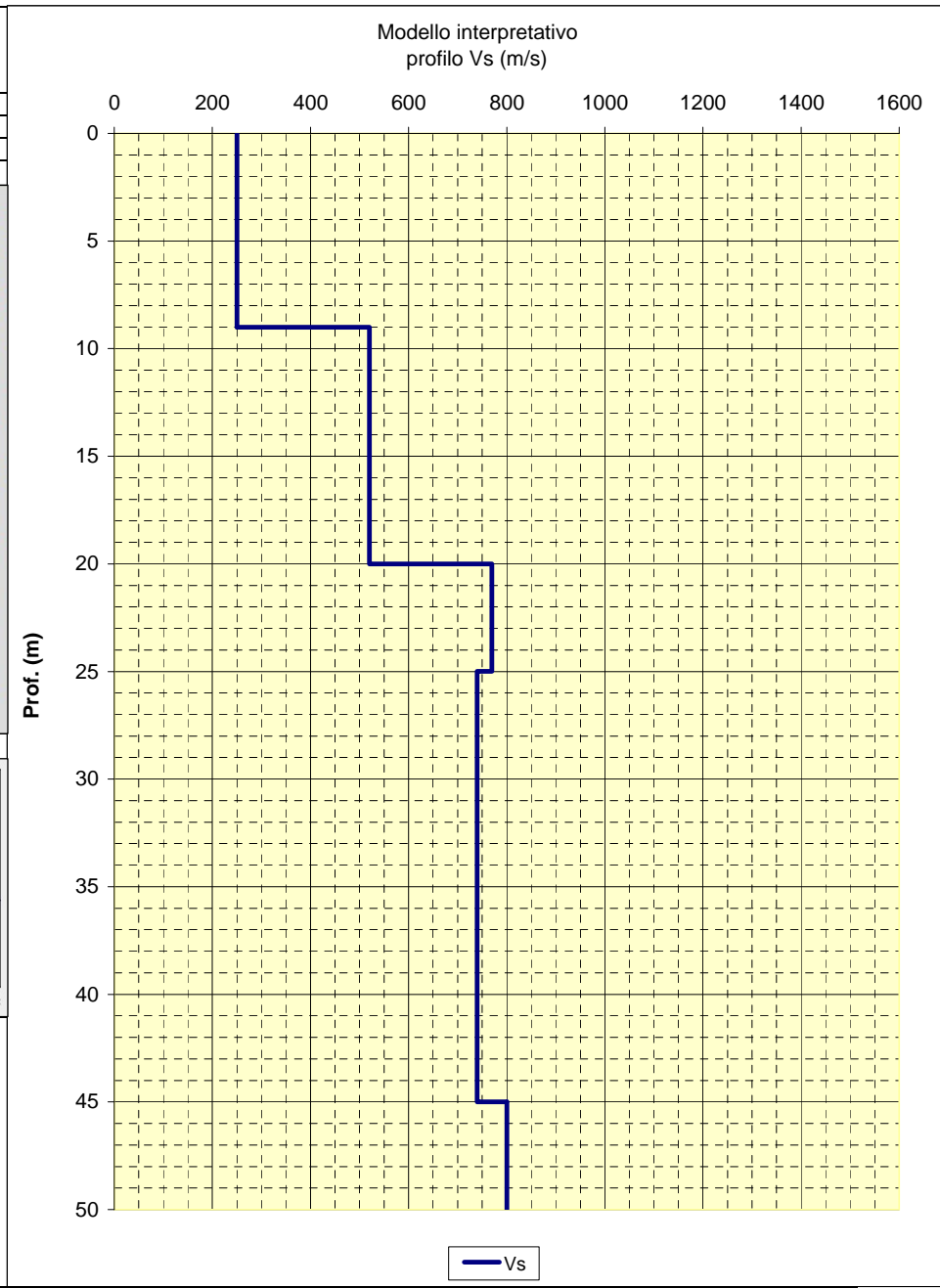
**INDAGINE MASW/Re.Mi.**  
**R25**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 15-10-2013      CANTIERE: Tolè  
 QUOTA: 660 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

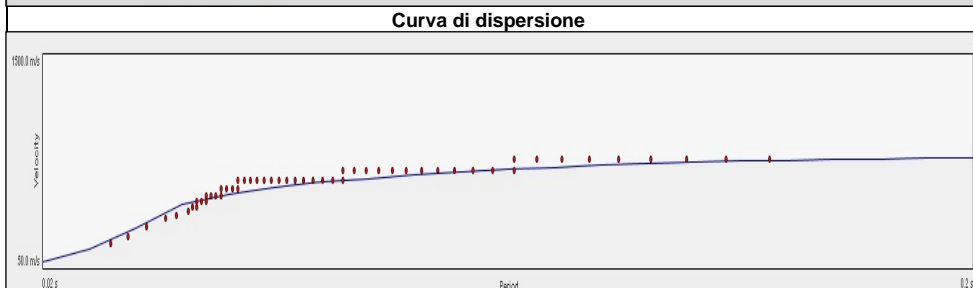
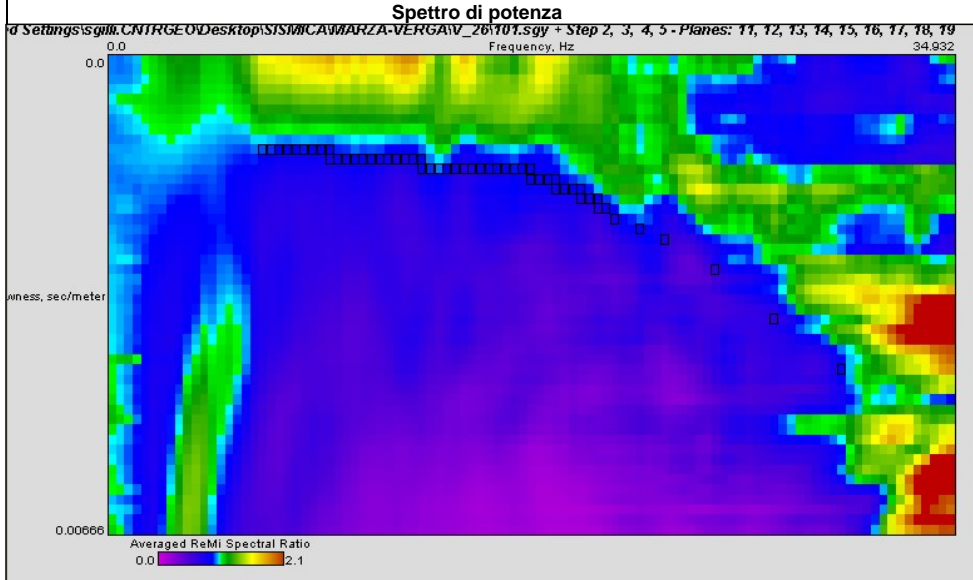
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 9          | 9        | 250 |
| 2                      | 9         | 20         | 11       | 520 |
| 3                      | 20        | 25         | 5        | 770 |
| 4                      | 25        | 45         | 20       | 740 |
| 5                      | 45        | INF        | INF      | 800 |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

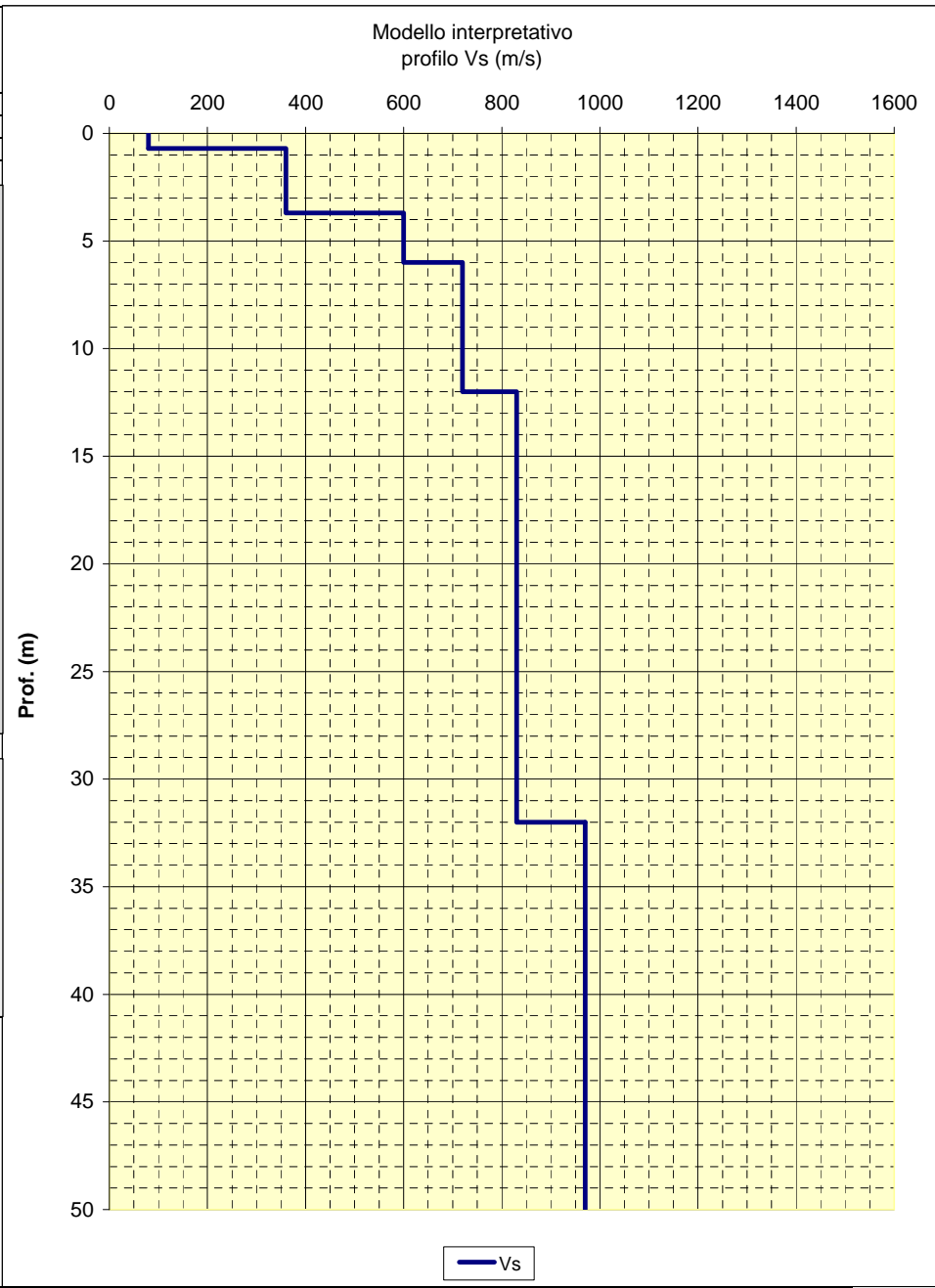
**INDAGINE MASW/Re.Mi.**  
**R26**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 15-10-2013      CANTIERE: Tolè  
 QUOTA: 680 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



Note:

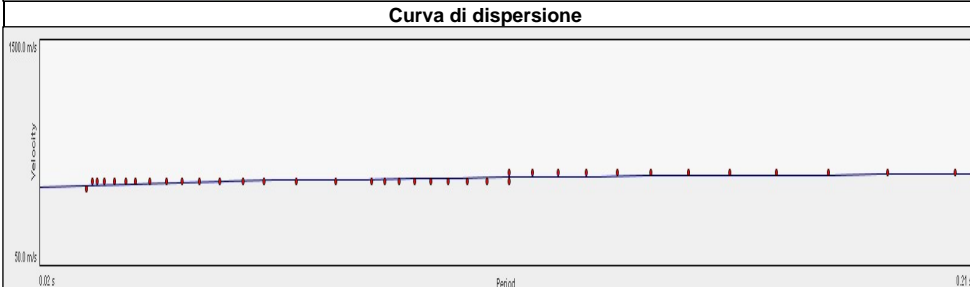
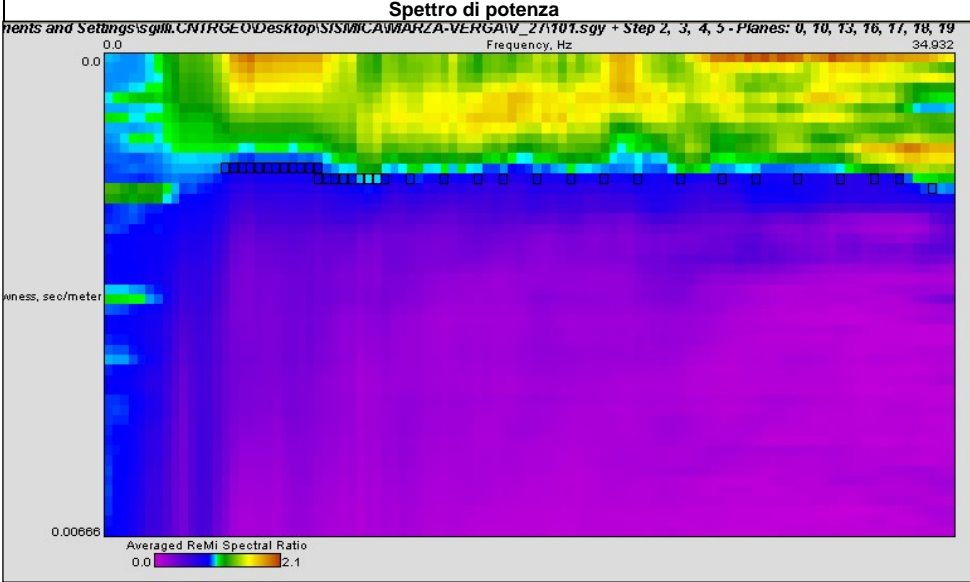
| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 0.7        | 0.7      | 80  |
| 2                      | 0.7       | 3.7        | 3        | 360 |
| 3                      | 3.7       | 6          | 2.3      | 600 |
| 4                      | 6         | 12         | 6        | 720 |
| 5                      | 12        | 32         | 20       | 830 |
| 6                      | 32        | INF        | INF      | 970 |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



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

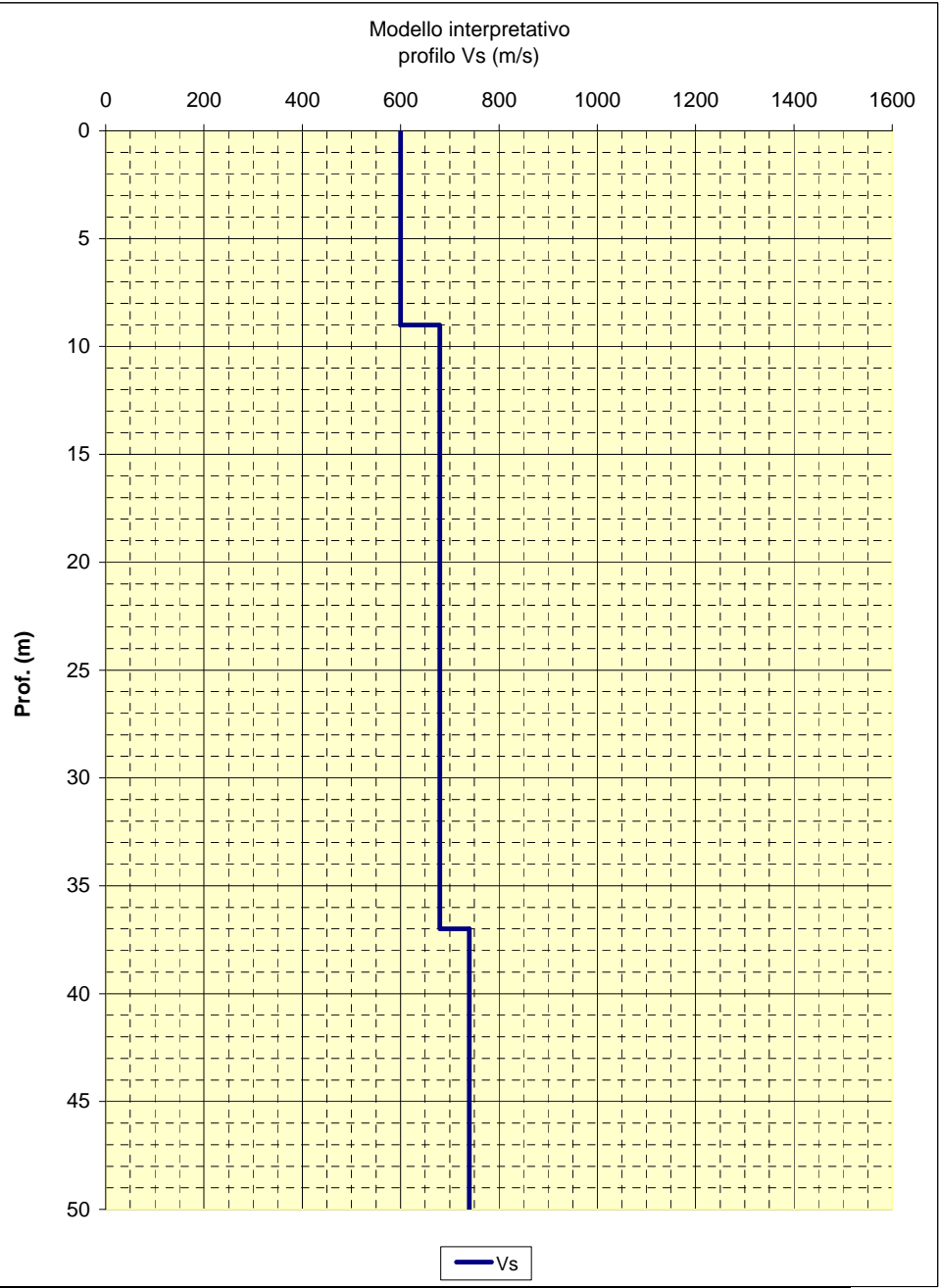
**INDAGINE MASW/Re.Mi.**  
**R27**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 15-10-2013      CANTIERE: Cereglio  
 QUOTA: 670 m. s.l.m.      OPERATORI: Mazzetti M. - Arbizzi A.



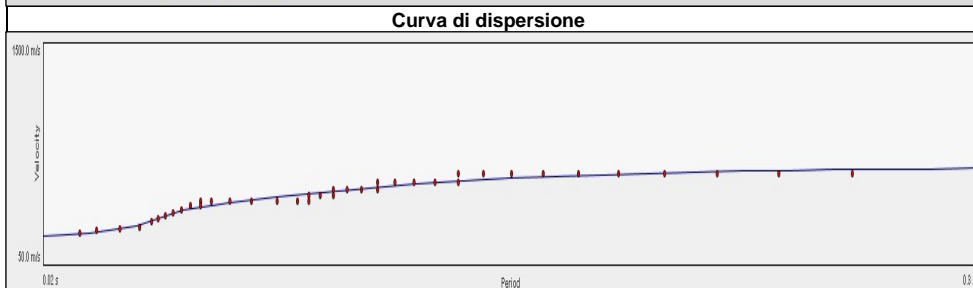
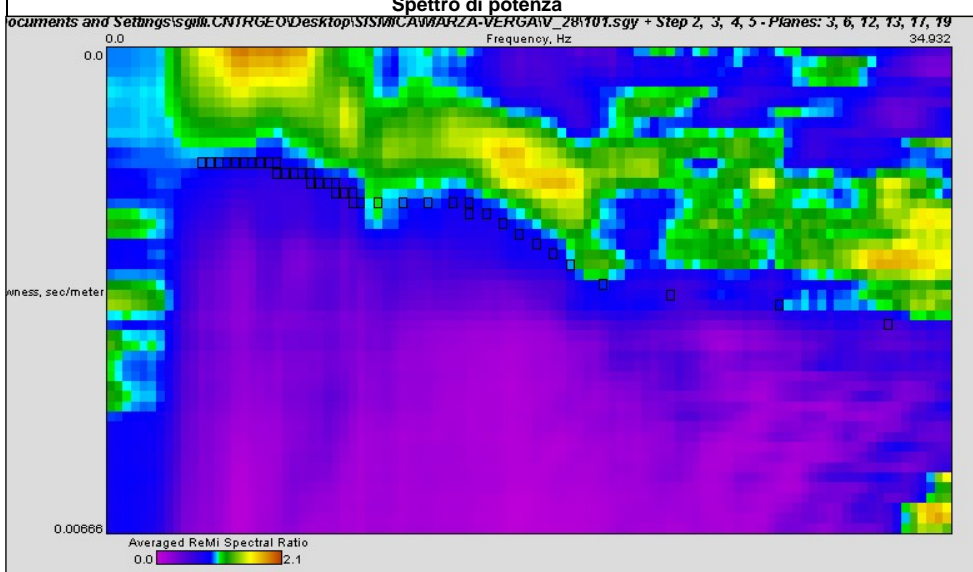
Note:

| Modello interpretativo |           |            |          |     |
|------------------------|-----------|------------|----------|-----|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |     |
| 1                      | 0         | 9          | 9        | 600 |
| 2                      | 9         | 37         | 28       | 680 |
| 3                      | 37        | INF        | INF      | 740 |
| 4                      |           |            |          |     |
| 5                      |           |            |          |     |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



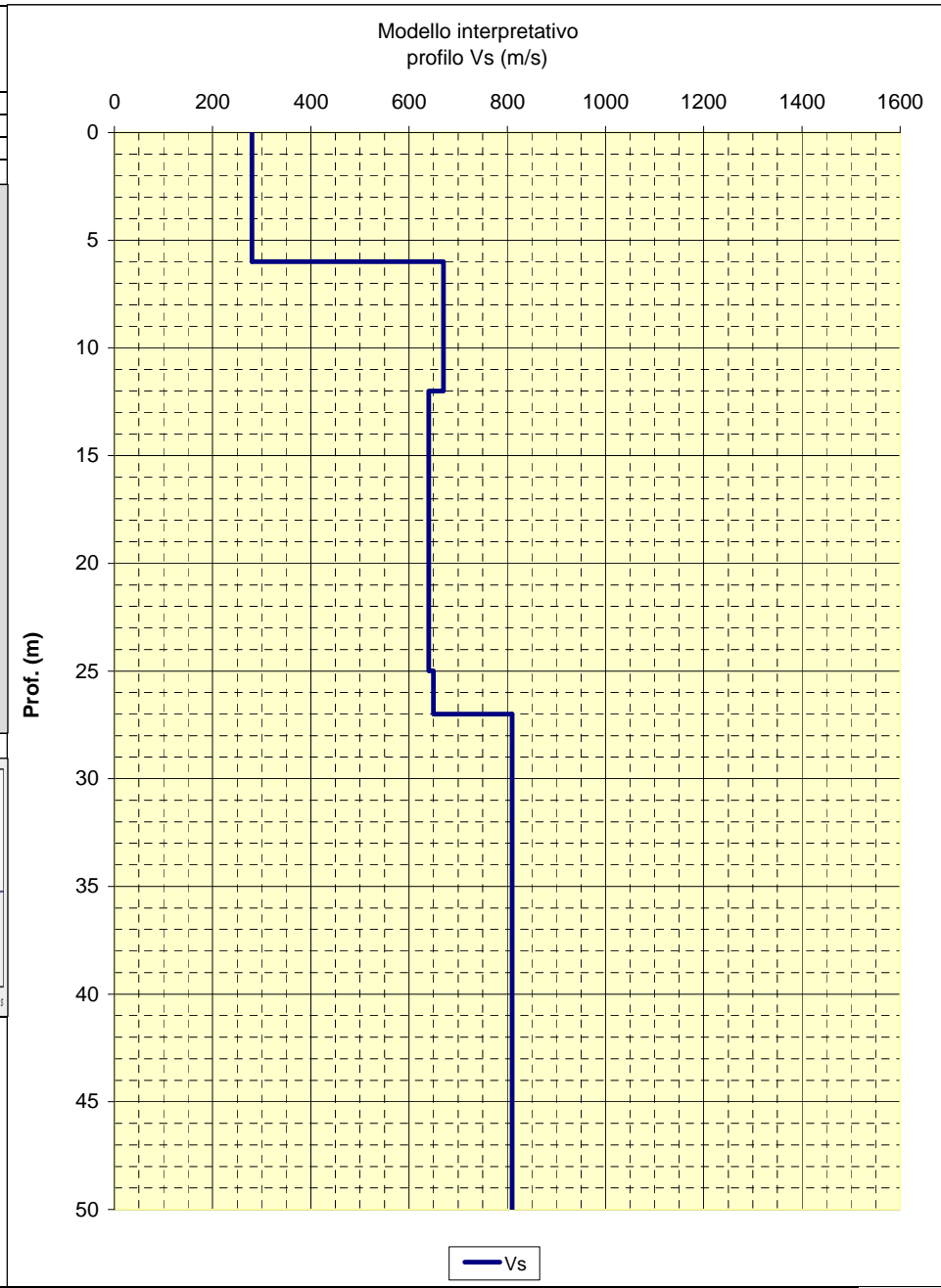
|  |   |
|--|---|
| <b>CENTROGEO</b><br>P.zza S. Quirino, 6 - 42015 Correggio (RE) | <b>INDAGINE MASW/Re.Mi.</b><br><b>R28</b> |
|--|---|

|                         |                                     |
|-------------------------|-------------------------------------|
| LOCALITA': Vergato (BO) | COMMITTENTE: Amm. Comunale          |
| DATA: 15-10-2013        | CANTIERE: Cereglio                  |
| QUOTA: 750 m. s.l.m.    | OPERATORI: Mazzetti M. - Arbizzi A. |



Note:

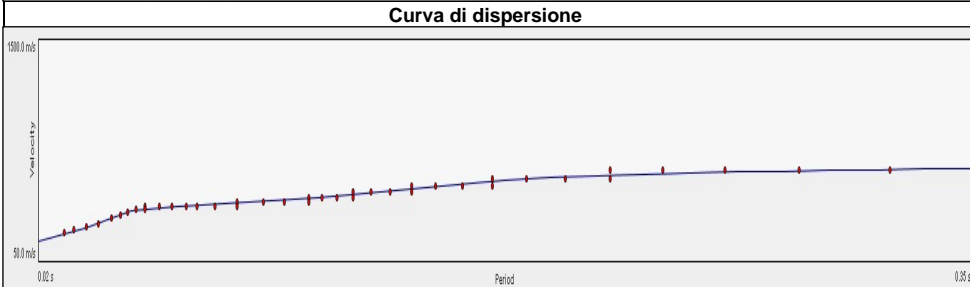
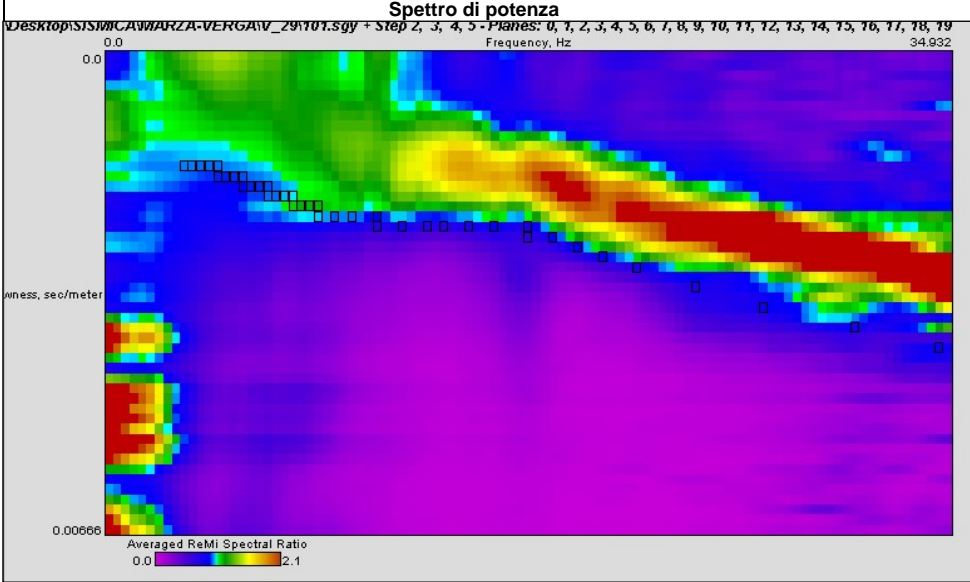
| Modello interpretativo |           |            |          |            |
|------------------------|-----------|------------|----------|------------|
| Strato n°              | Prof. (m) | Spess. (m) | Vs (m/s) |            |
| 1                      | 0         | 6          | 6        | <b>280</b> |
| 2                      | 6         | 12         | 6        | <b>670</b> |
| 3                      | 12        | 25         | 13       | <b>640</b> |
| 4                      | 25        | 27         | 2        | <b>650</b> |
| 5                      | 27        | INF        | INF      | <b>810</b> |
| 6                      |           |            |          |            |
| 7                      |           |            |          |            |
| 8                      |           |            |          |            |
| 9                      |           |            |          |            |
| 10                     |           |            |          |            |



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

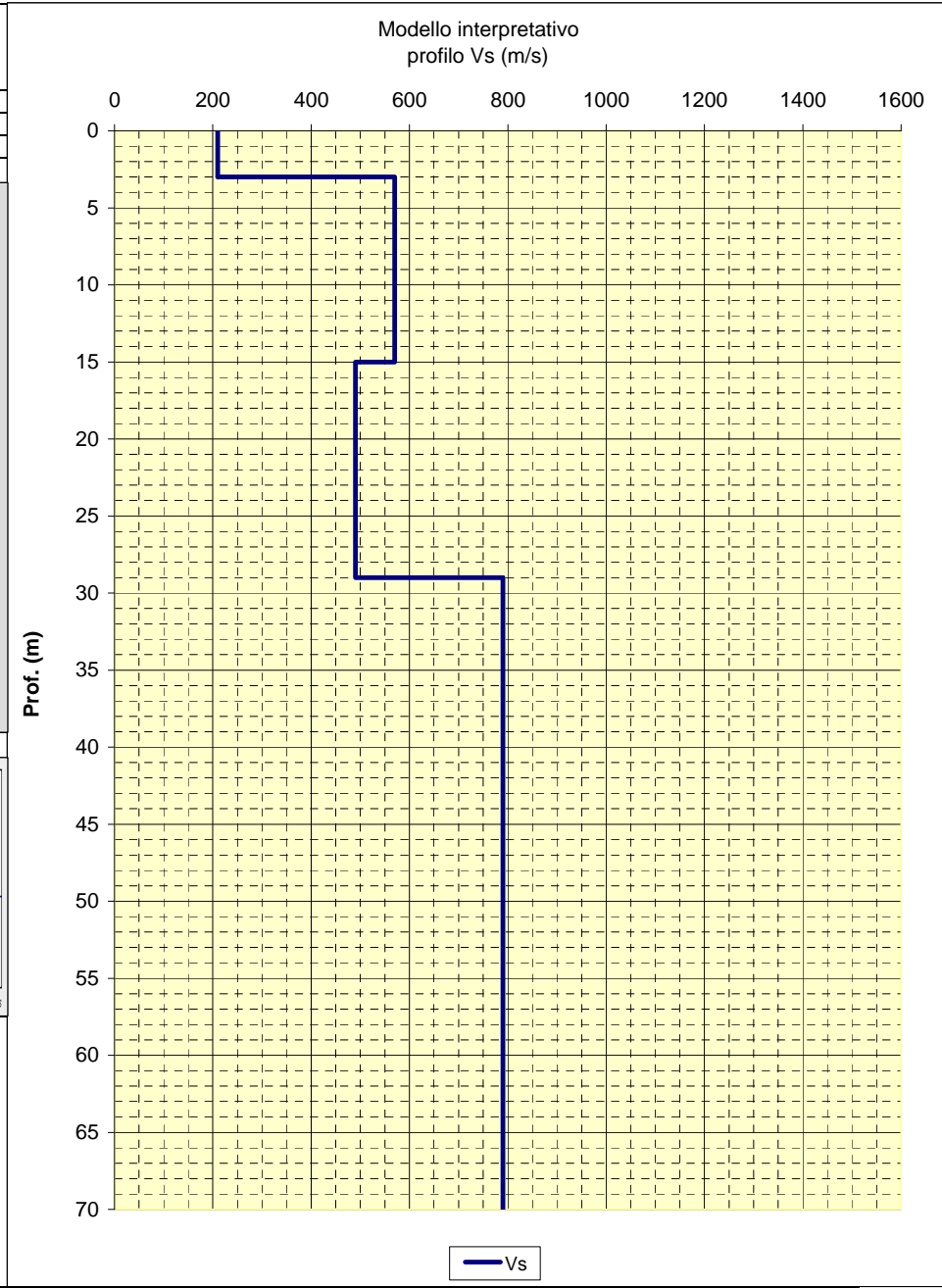
**INDAGINE MASW/Re.Mi.**  
**R29**

LOCALITA': Vergato (BO)      COMMITTENTE: Amm. Comunale  
 DATA: 15-10-2013      CANTIERE: Cereglio  
 QUOTA: 635 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        | 210 |
| 2                      | 3         | 15         | 12       | 570 |
| 3                      | 15        | 29         | 14       | 490 |
| 4                      | 29        | INF        | INF      | 790 |
| 5                      |           |            |          |     |
| 6                      |           |            |          |     |
| 7                      |           |            |          |     |
| 8                      |           |            |          |     |
| 9                      |           |            |          |     |
| 10                     |           |            |          |     |



# INDAGINI GEOFISICHE HVSR

***STUDIO GEOLOGICO CENTROGEO***

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



STUDIO GEOLOGICO CENTROGEO  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H01

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

CANTIERE: Riola

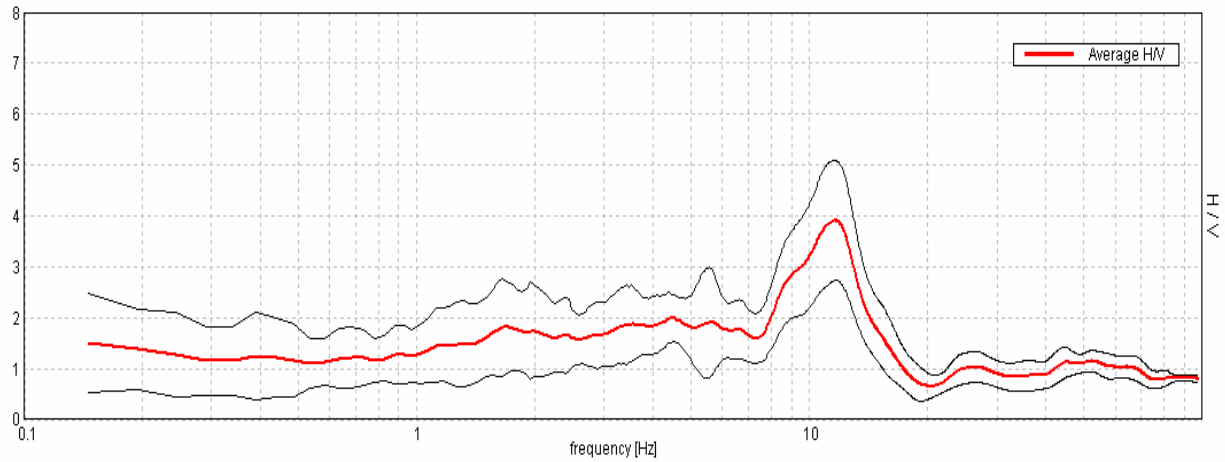
QUOTA: 285 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

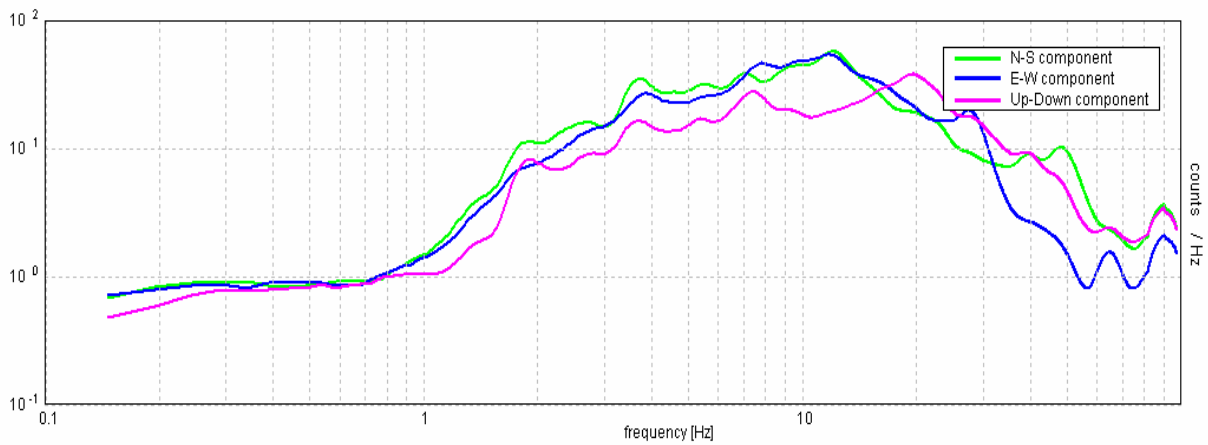
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

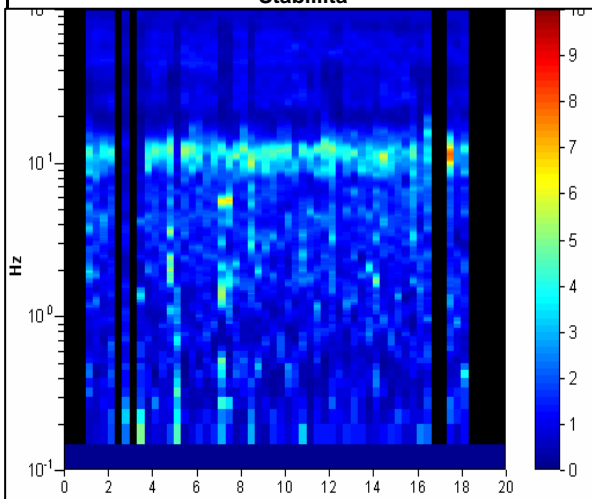
Picco HV a  $11.67 \pm 0.18$  Hz (nell'intervallo 0.0 - 18.0 Hz).



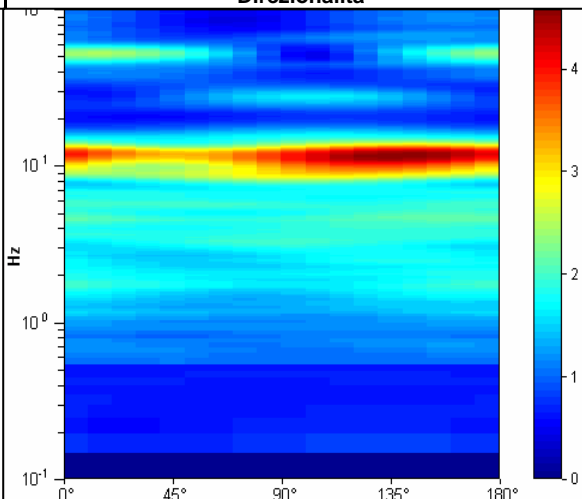
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H02

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

CANTIERE: Riola

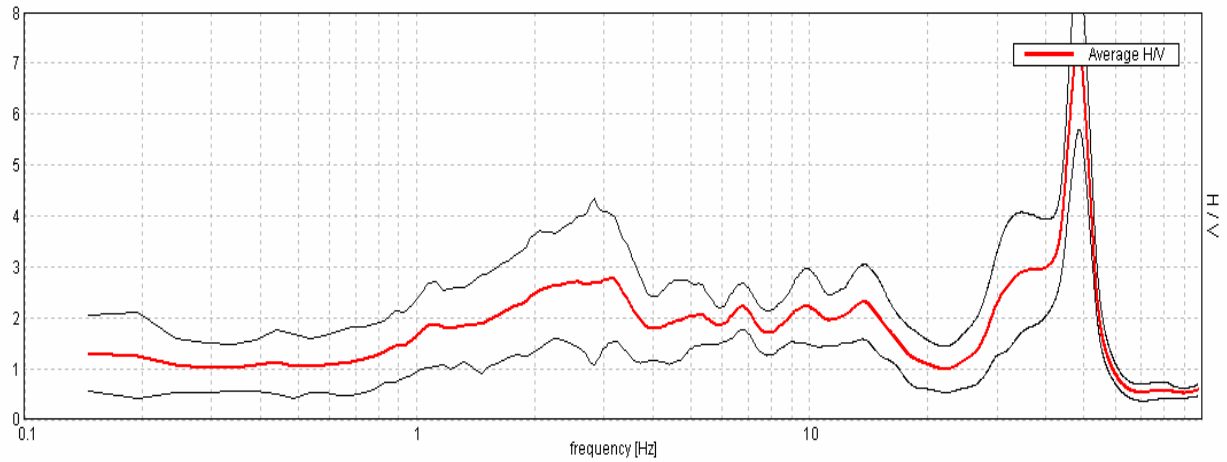
QUOTA: 275 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

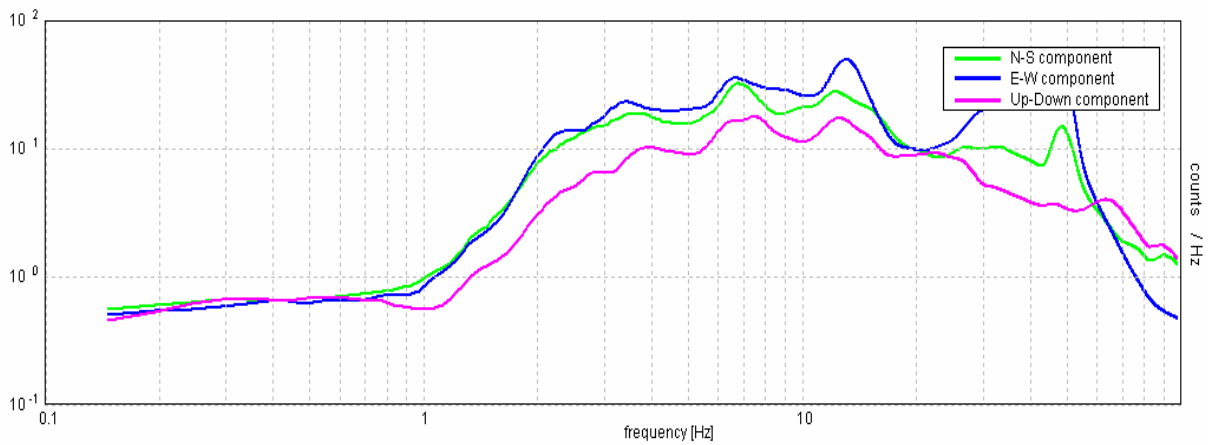
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

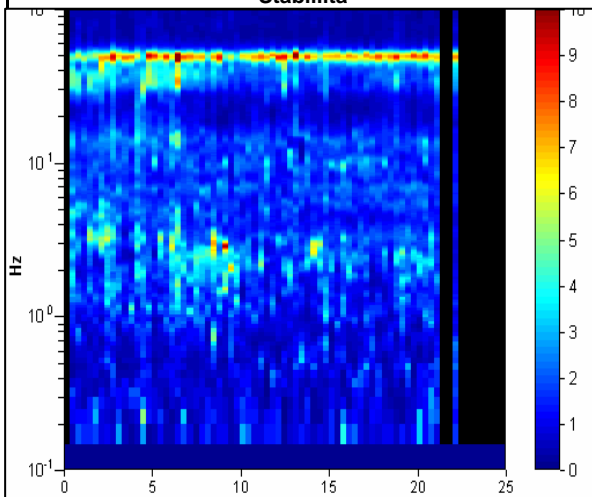
Picco HV a  $3.13 \pm 0.35$  Hz (nell'intervallo 0.0 - 18.0 Hz).



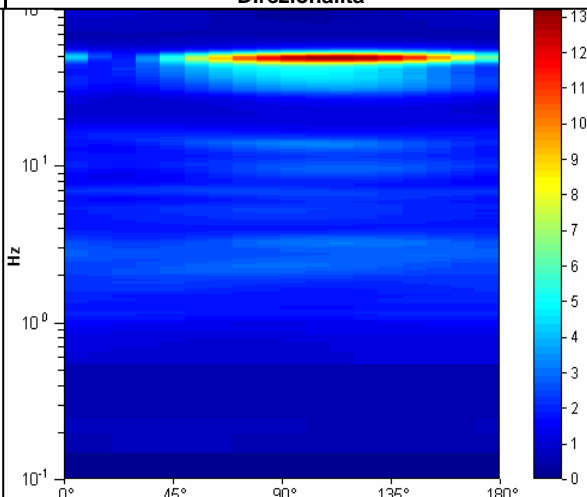
## Ampiezza spettrale



## Stabilità

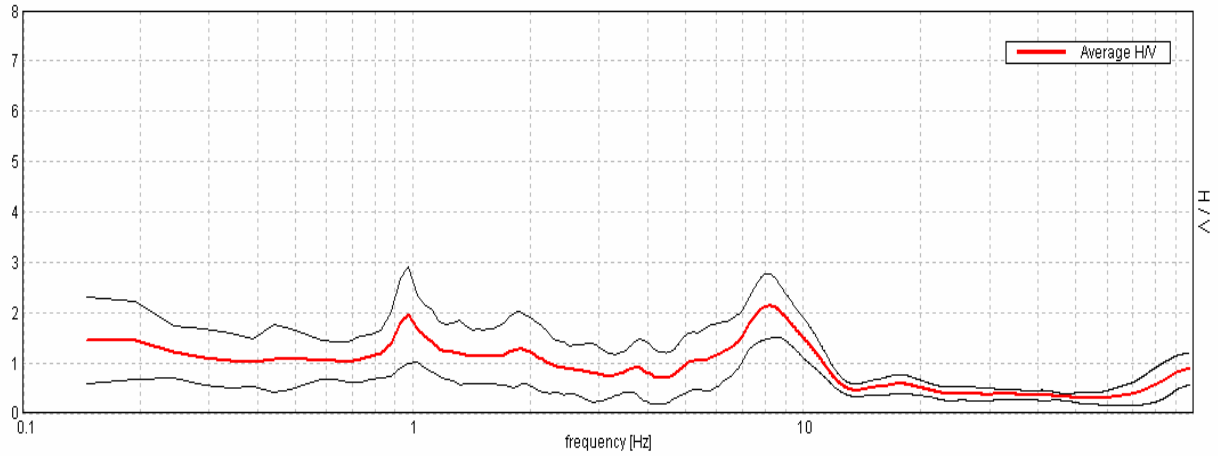


## Direzionalità

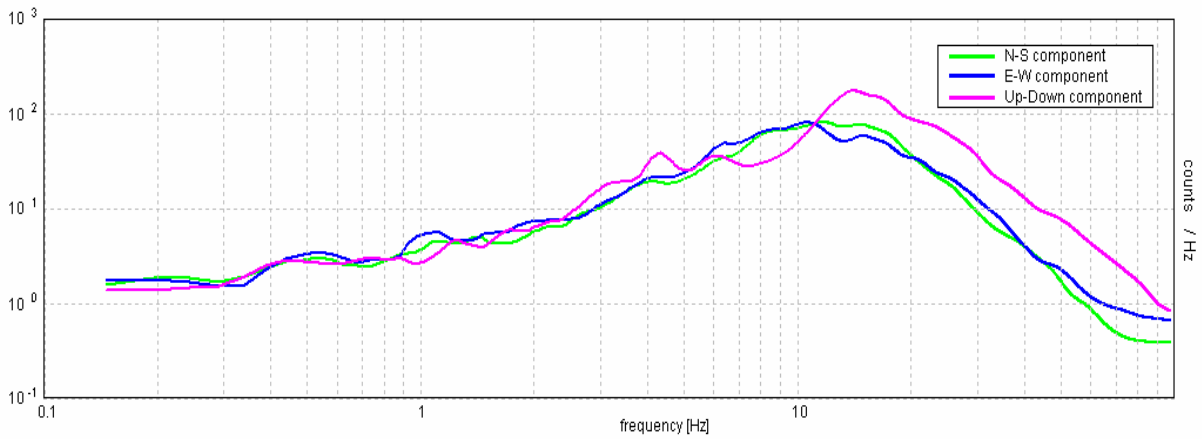


|   |  |                                     |  |
|---|--|-------------------------------------|--|
| <b>STUDIO GEOLOGICO CENTROGEO</b><br>P.zza S.Quirino, 6 - 42015 CORREGGIO |  | <b>INDAGINE HVSR H03</b>            |  |
| LOCALITA': Vergato (BO)   |  | COMMITTENTE: Amm. Comunale          |  |
| DATA: 09-10-2013  |  | CANTIERE: Riola                     |  |
| QUOTA: 255 m. s.l.m.  |  | OPERATORI: Mazzetti M. - Arbizzi A. |  |
| Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488                    |  |                                     |  |
| <b>Rapporto spettrale</b>   |  |                                     |  |

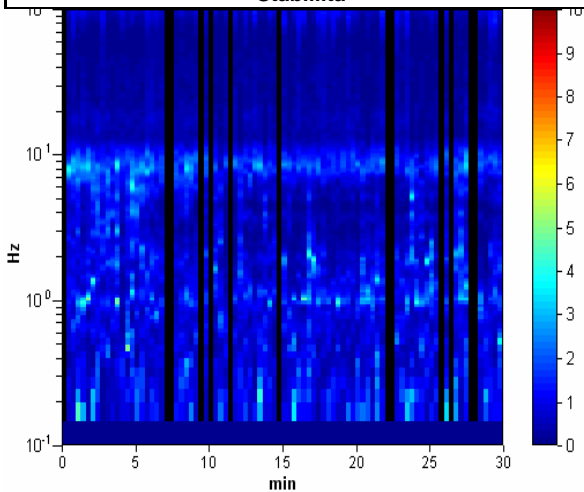
Max. HV at 8.2 ± 0.22 Hz. (In the range 0.0 - 18.0 Hz).



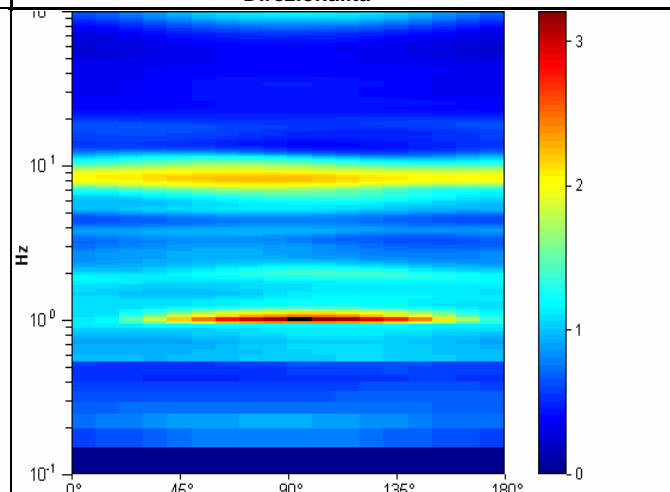
### Ampiezza spettrale



### Stabilità



### Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H04

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

CANTIERE: Riola

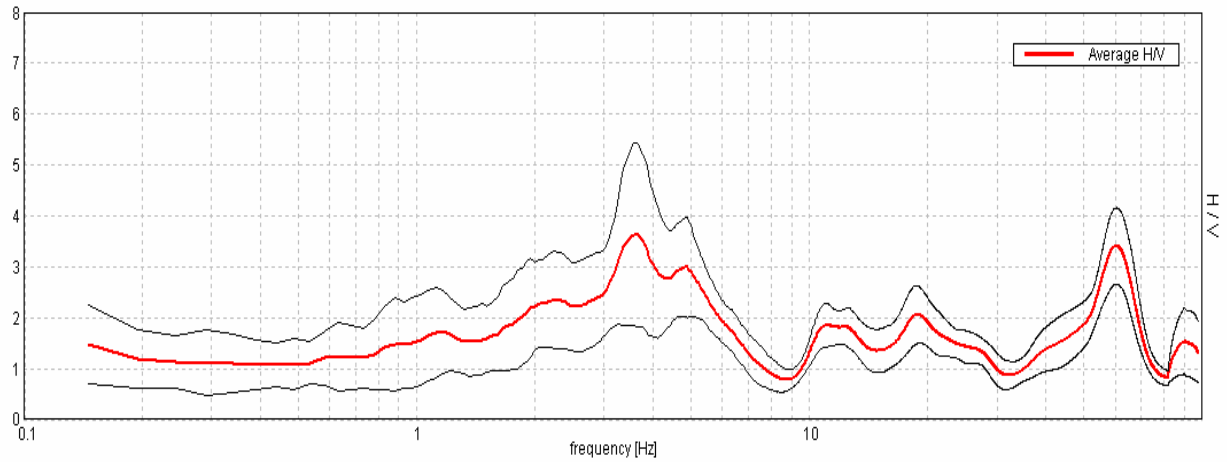
QUOTA: 260 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

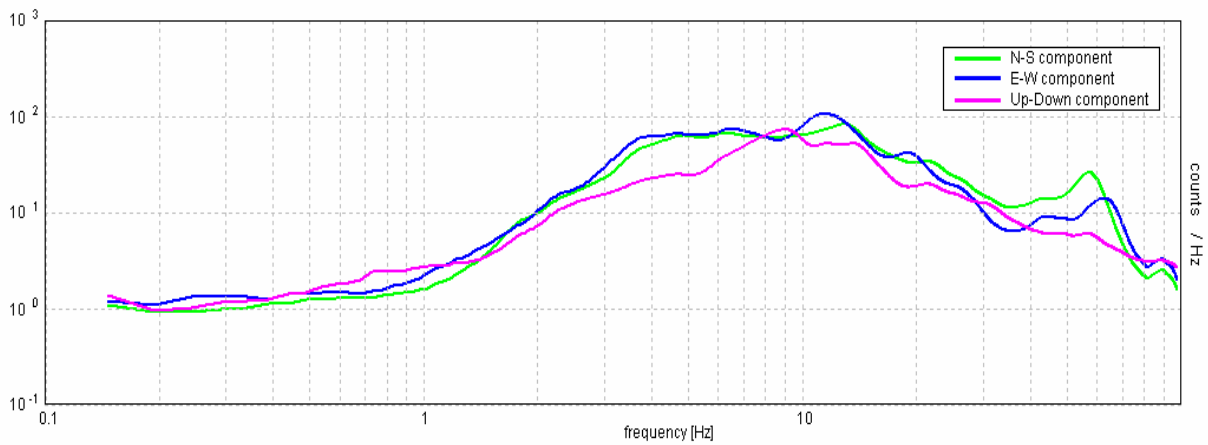
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

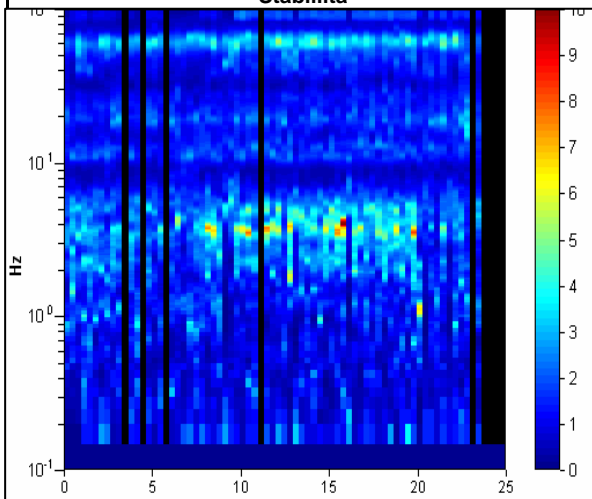
Picco HV a  $3.61 \pm 0.35$  Hz (nell'intervallo 0.0 - 18.0 Hz).



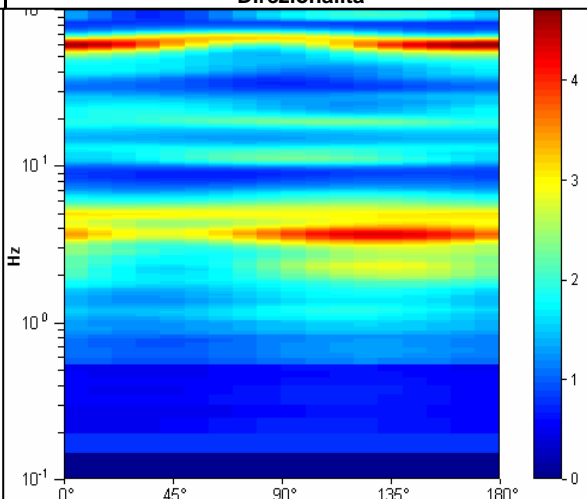
## Ampiezza spettrale



## Stabilità



## Direzionalità



STUDIO GEOLOGICO CENTROGEO  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H05

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

CANTIERE: Riola

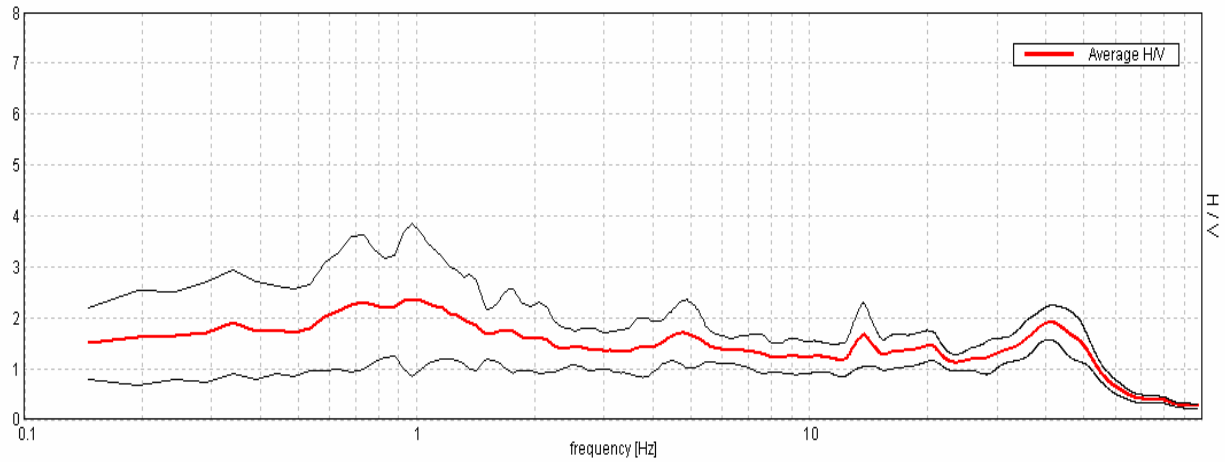
QUOTA: 240 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

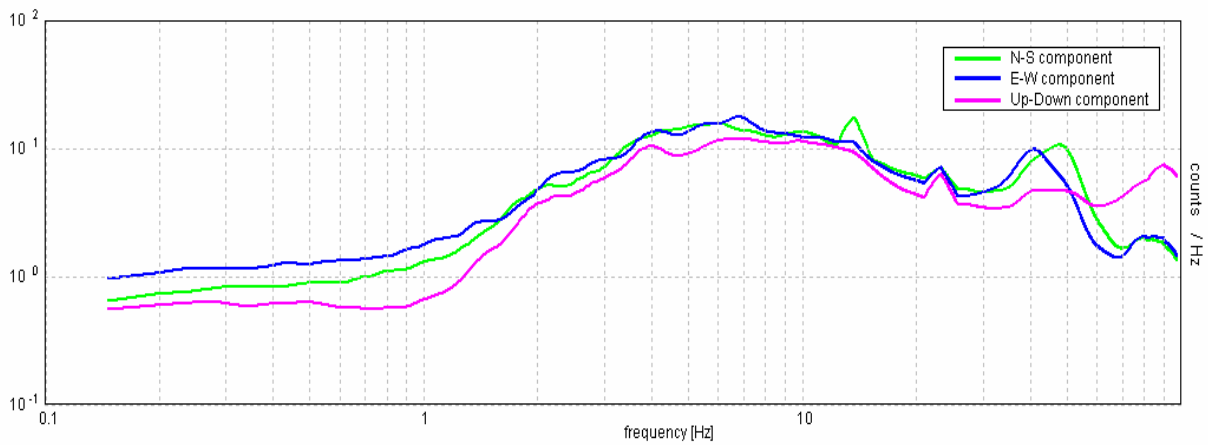
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

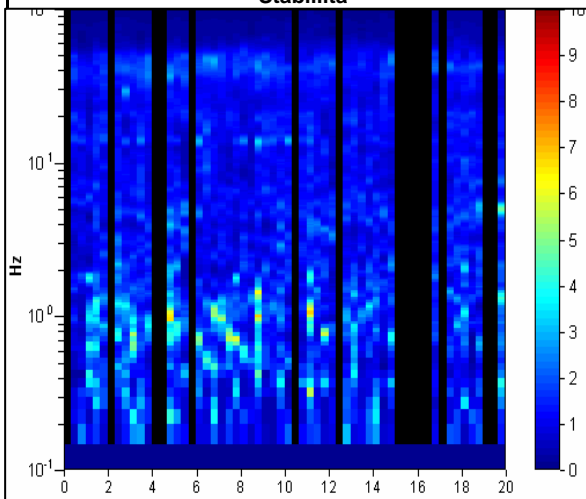
Picco HV a  $0.98 \pm 2.74$  Hz (nell'intervallo 0.0 - 18.0 Hz).



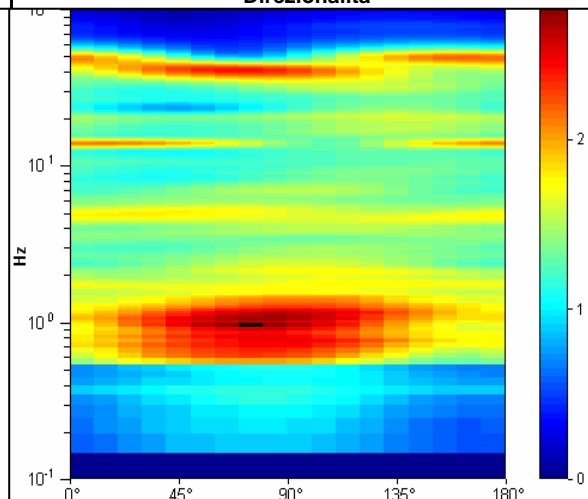
## Ampiezza spettrale



## Stabilità



## Direzionalità



STUDIO GEOLOGICO CENTROGEO  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H06

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

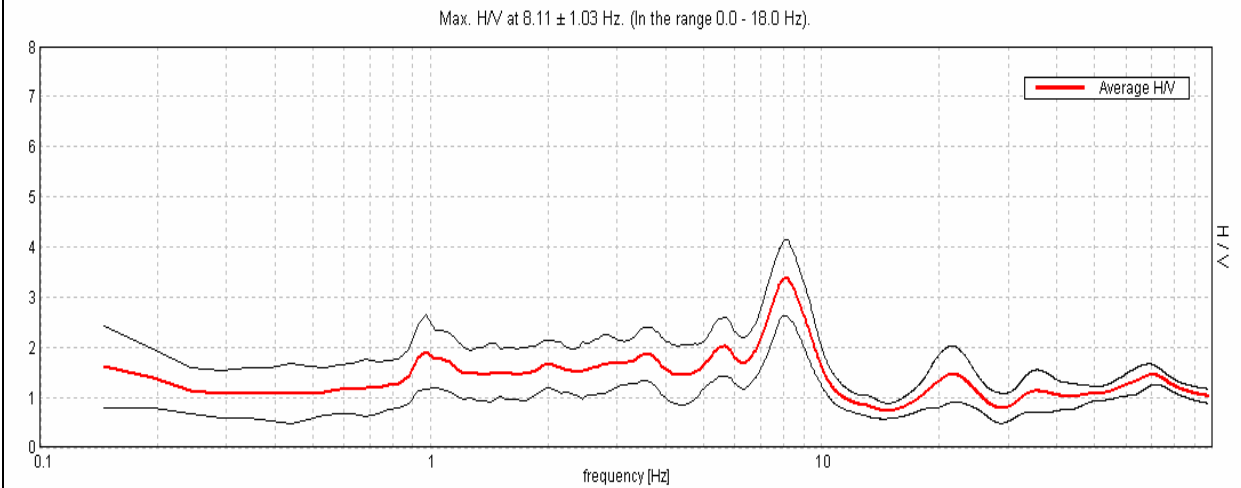
CANTIERE: Riola

QUOTA: 290 m. s.l.m.

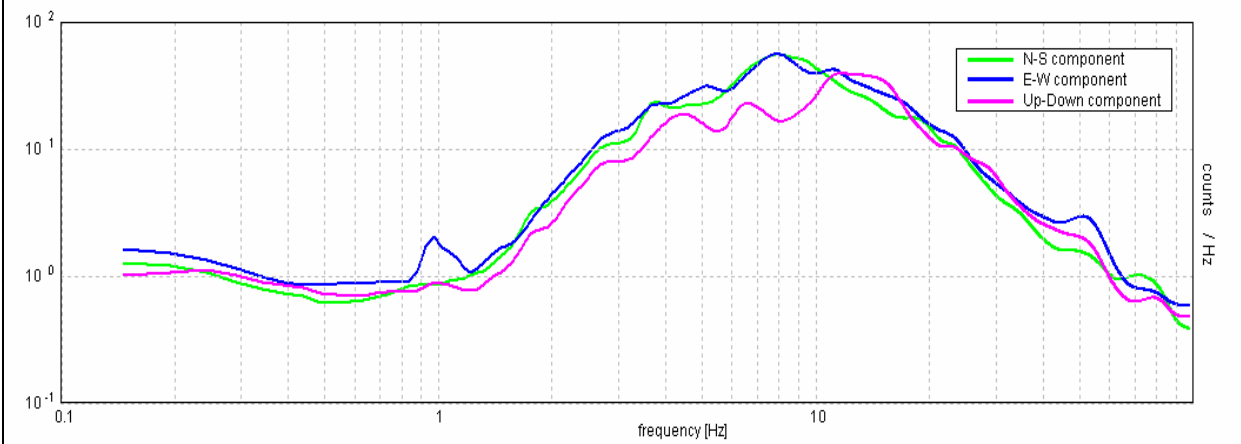
OPERATORI: Mazzetti M. - Arbizzi A.

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

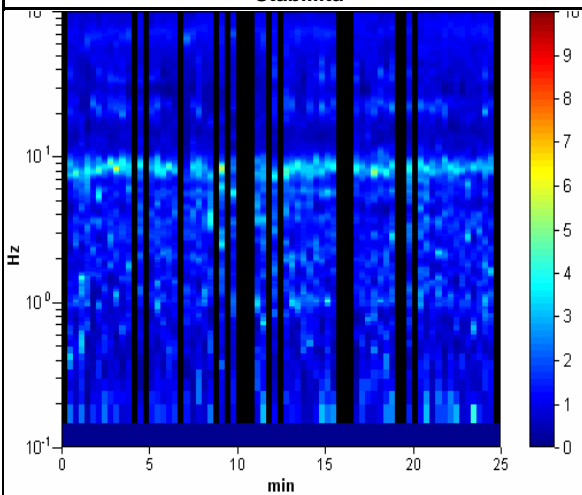
## Rapporto spettrale



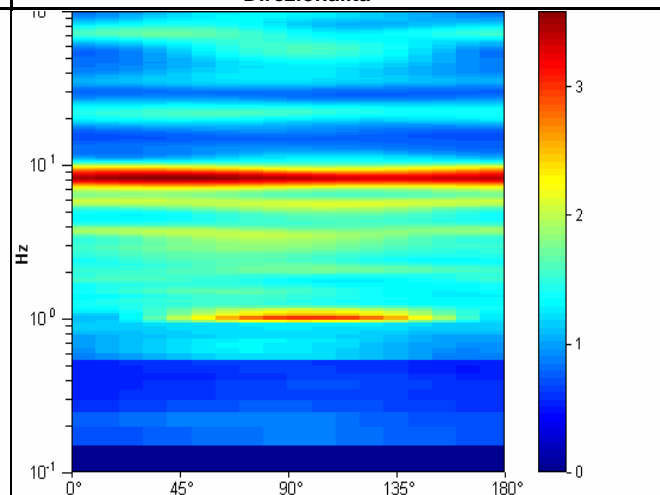
## Ampiezza spettrale



## Stabilità



## Direzionalità



STUDIO GEOLOGICO CENTROGEO  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H07

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

CANTIERE: Riola

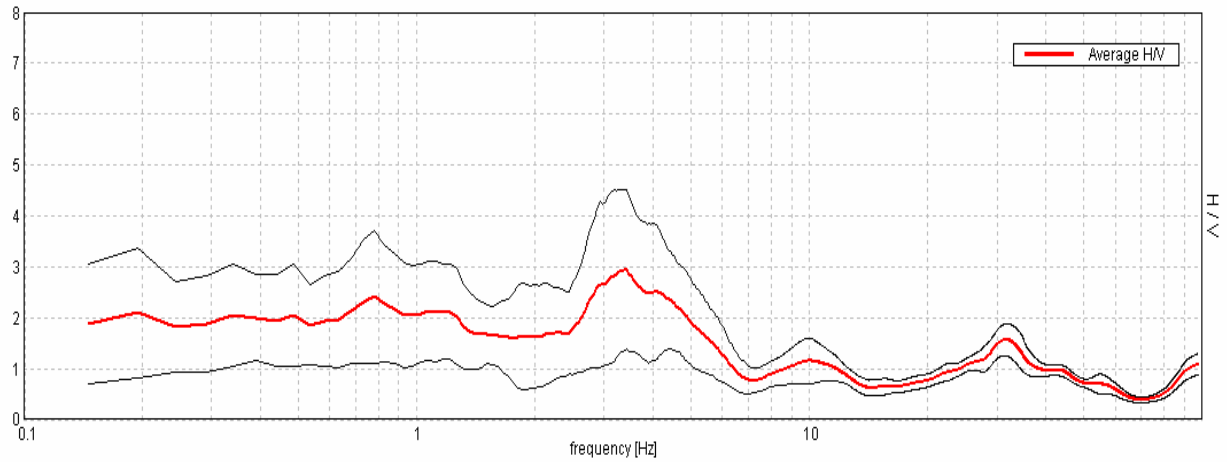
QUOTA: 265 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

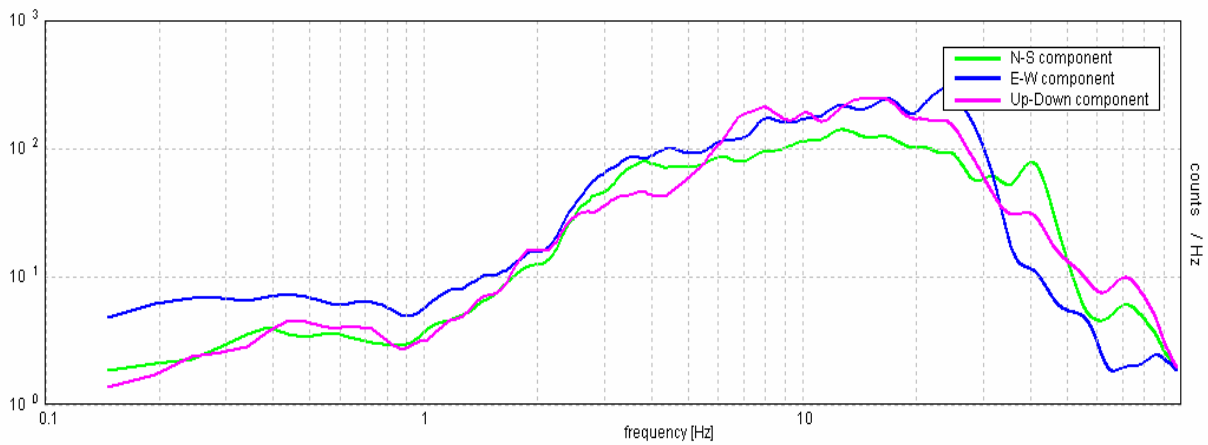
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

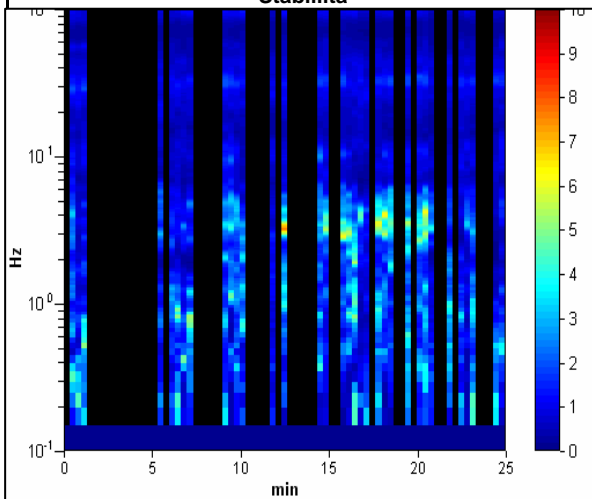
Picco HV a  $3.42 \pm 1.94$  Hz (nell'intervallo 0.0 - 18.0 Hz).



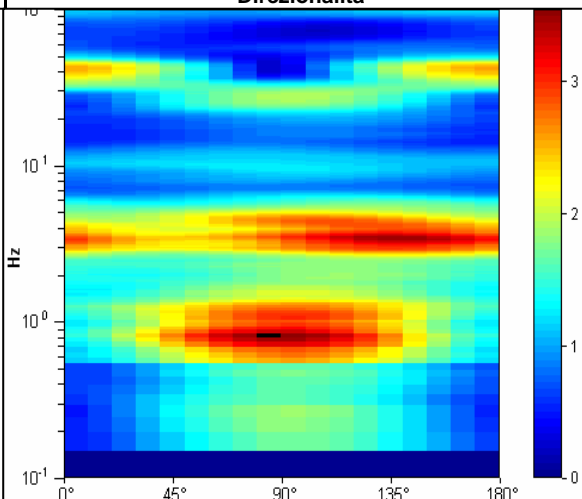
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H08

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 09-10-2013

CANTIERE: Riola

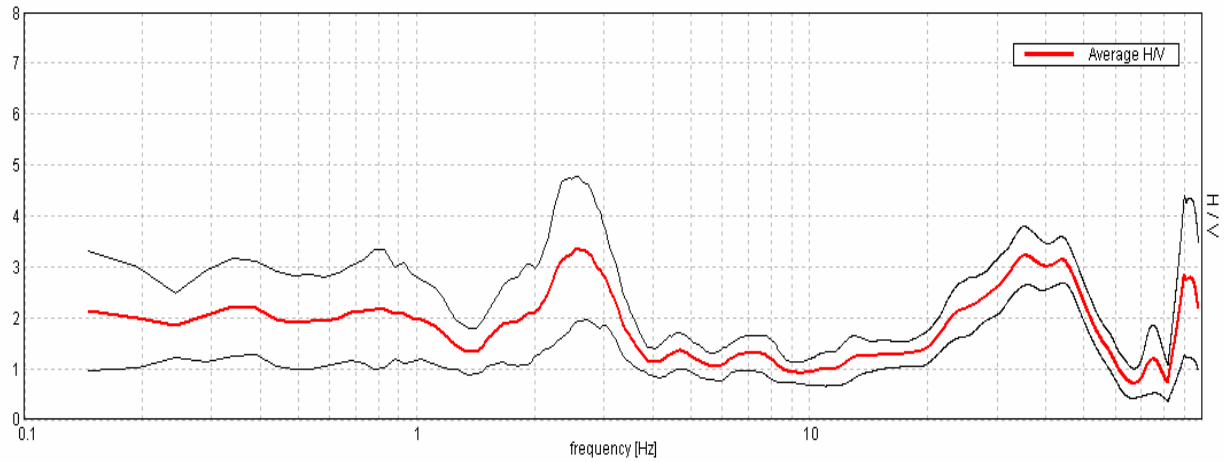
QUOTA: 340 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

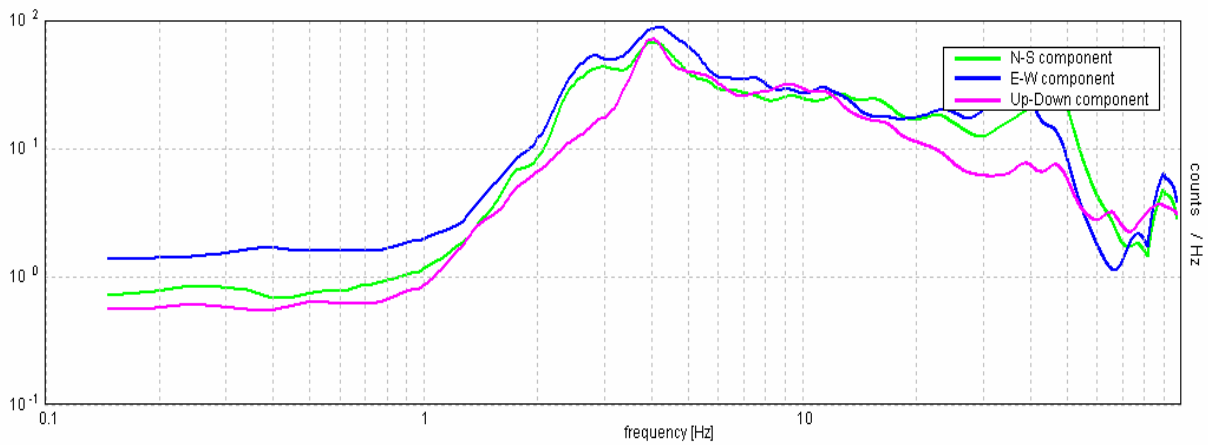
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

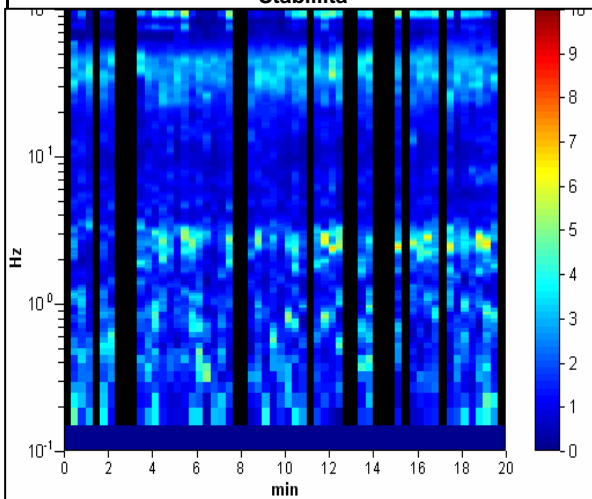
Picco HV a  $2.59 \pm 1.16$  Hz (nell'intervallo 0.0 - 18.0 Hz).



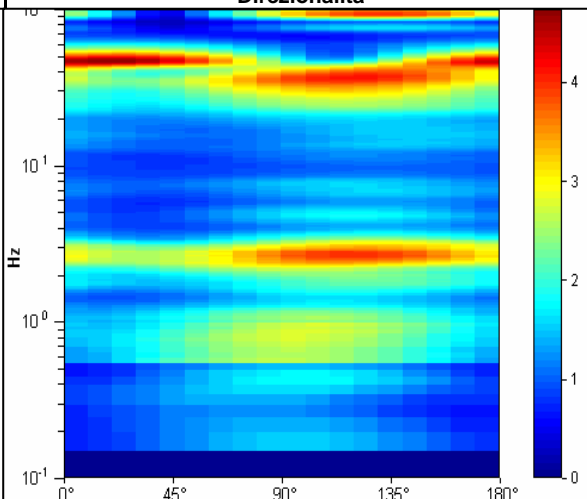
## Ampiezza spettrale



## Stabilità



## Direzionalità





**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H09

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

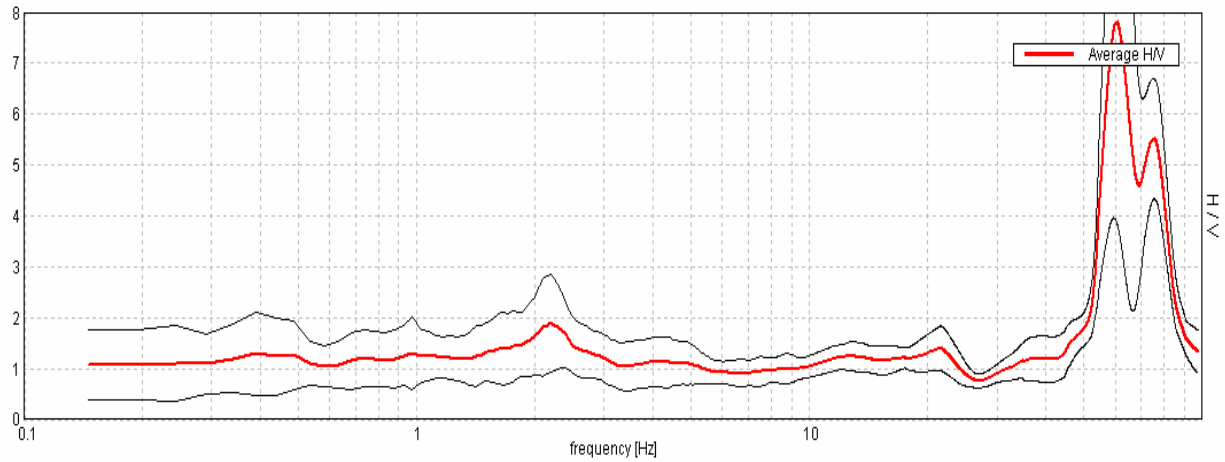
QUOTA: 195 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

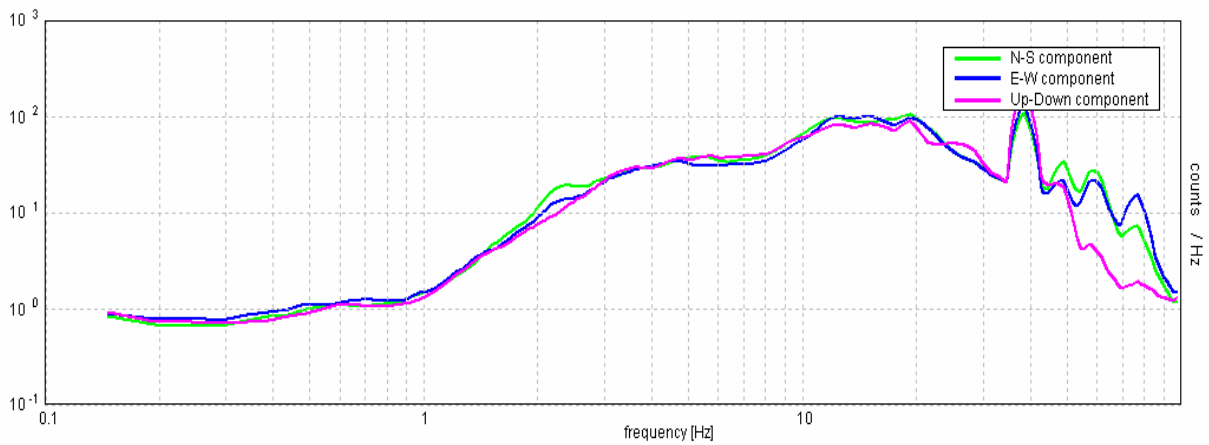
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

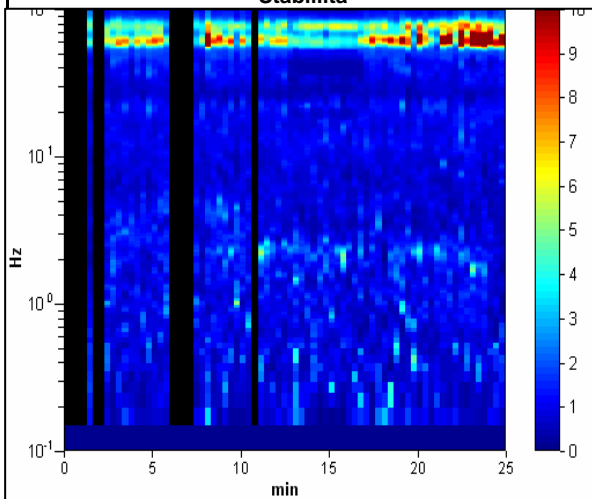
Picco HVV a  $2.2 \pm 0.73$  Hz (nell'intervallo 0.0 - 18.0 Hz).



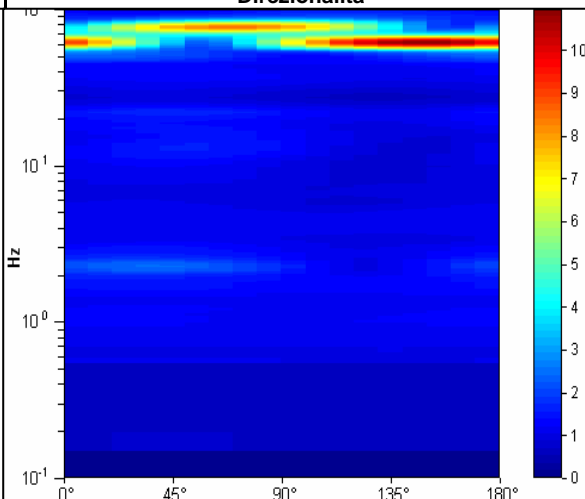
## Ampiezza spettrale



## Stabilità



## Direzionalità



STUDIO GEOLOGICO CENTROGEO  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H10

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

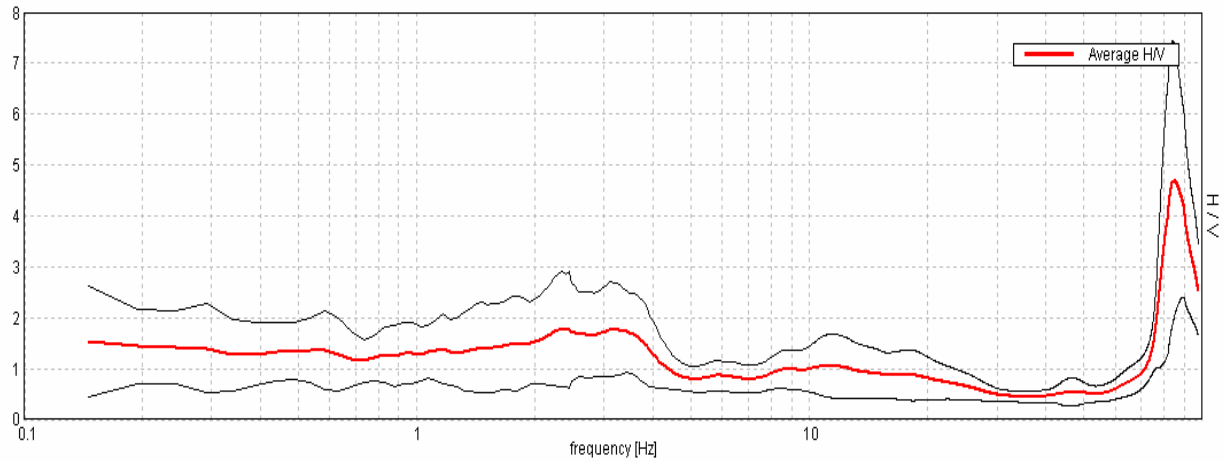
QUOTA: 220 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

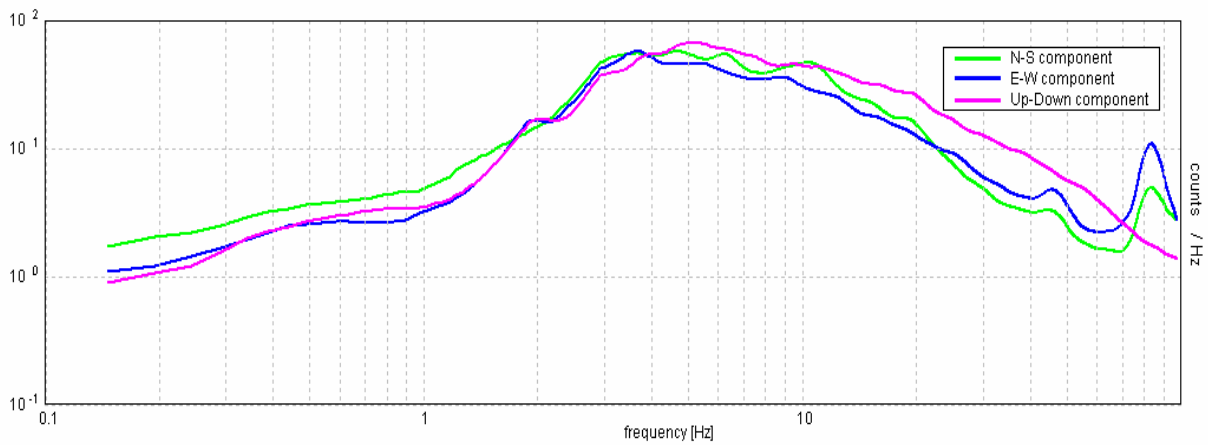
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

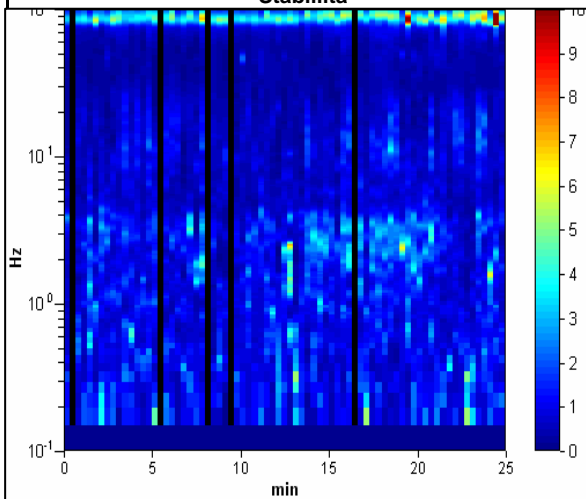
Picco HV a  $2.34 \pm 1.21$  Hz (nell'intervallo 0.0 - 18.0 Hz).



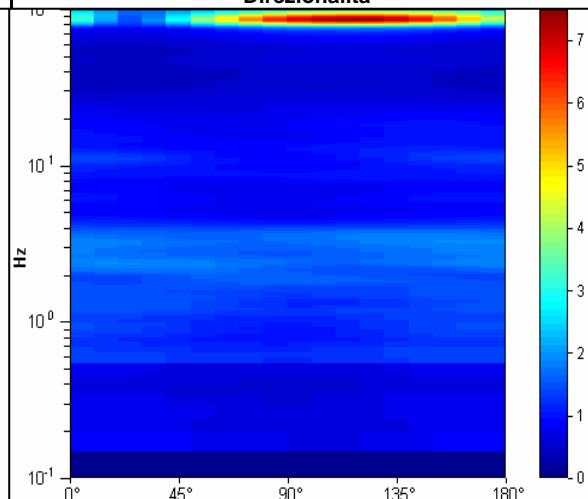
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H11

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

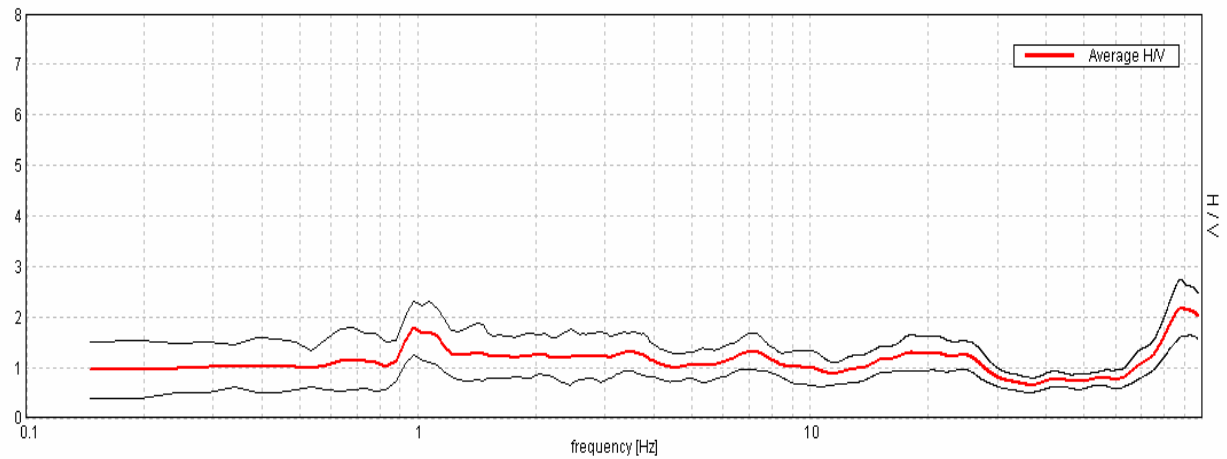
QUOTA: 220 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

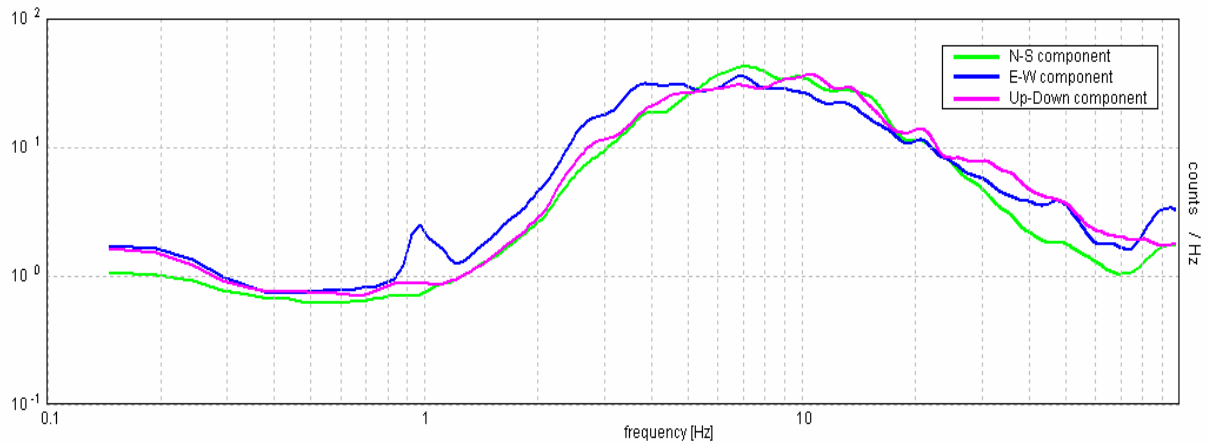
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

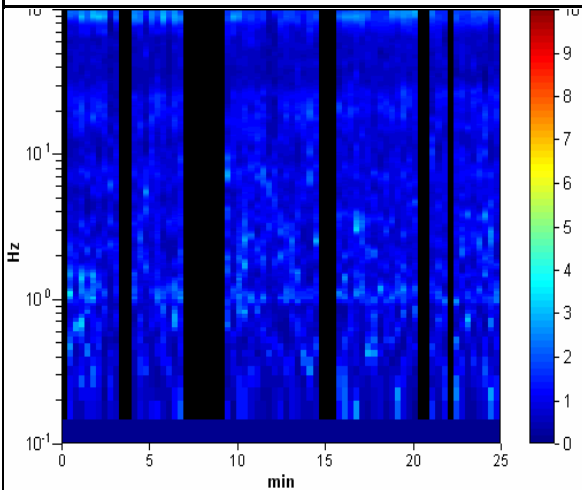
Max. HV at  $0.98 \pm 0.11$  Hz. (In the range 0.0 - 18.0 Hz).



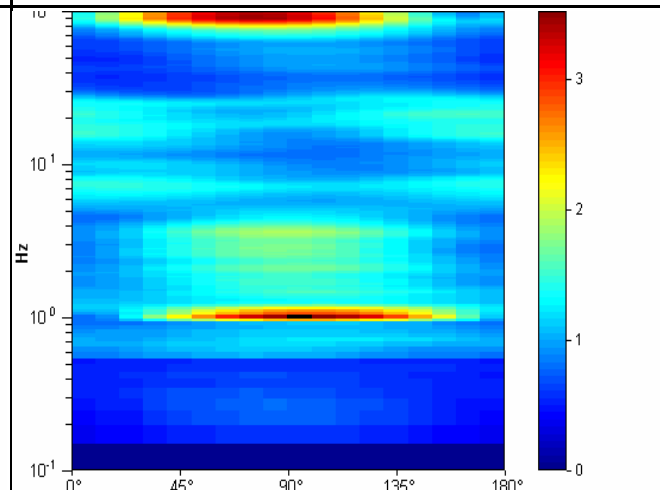
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H12

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

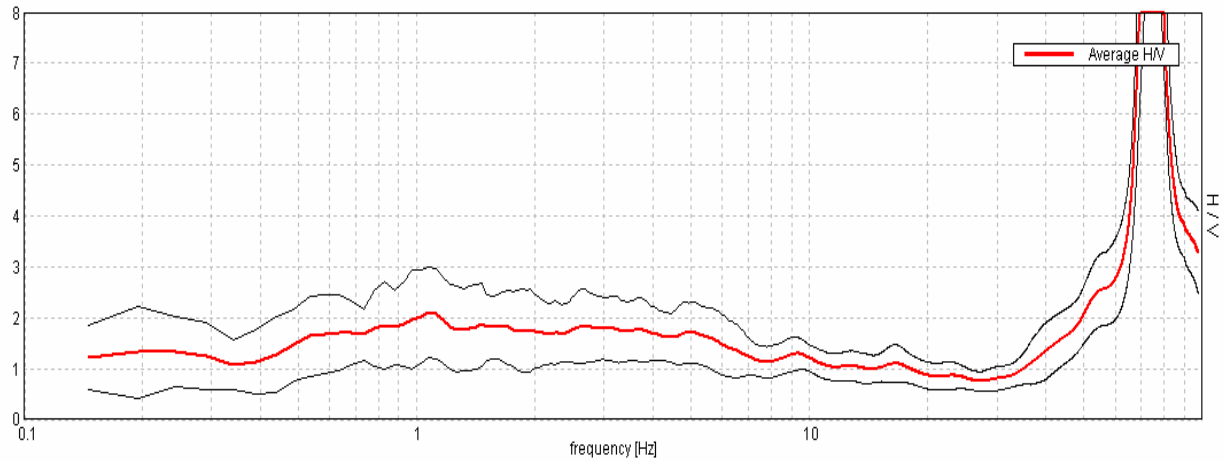
QUOTA: 195 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

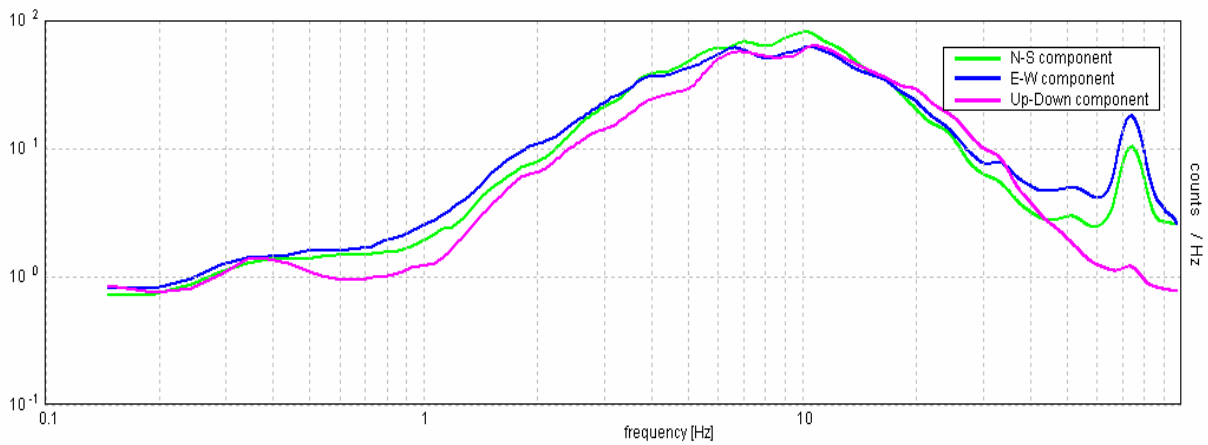
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

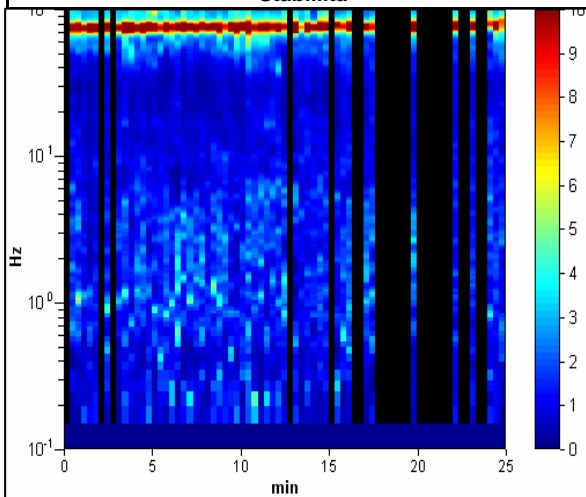
Picco HV a  $1.07 \pm 0.06$  Hz (nell'intervallo 0.0 - 18.0 Hz).



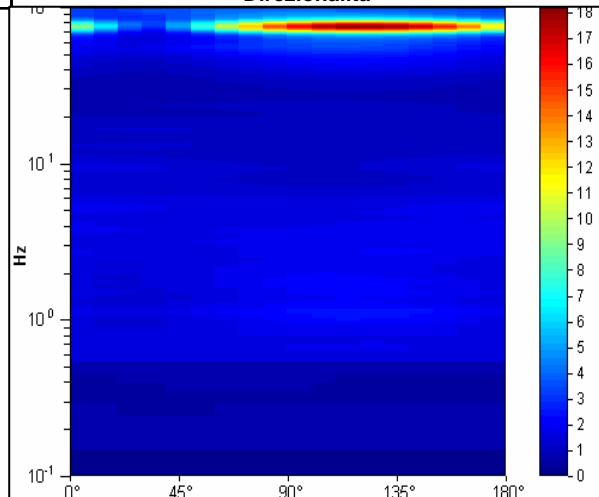
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H13

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

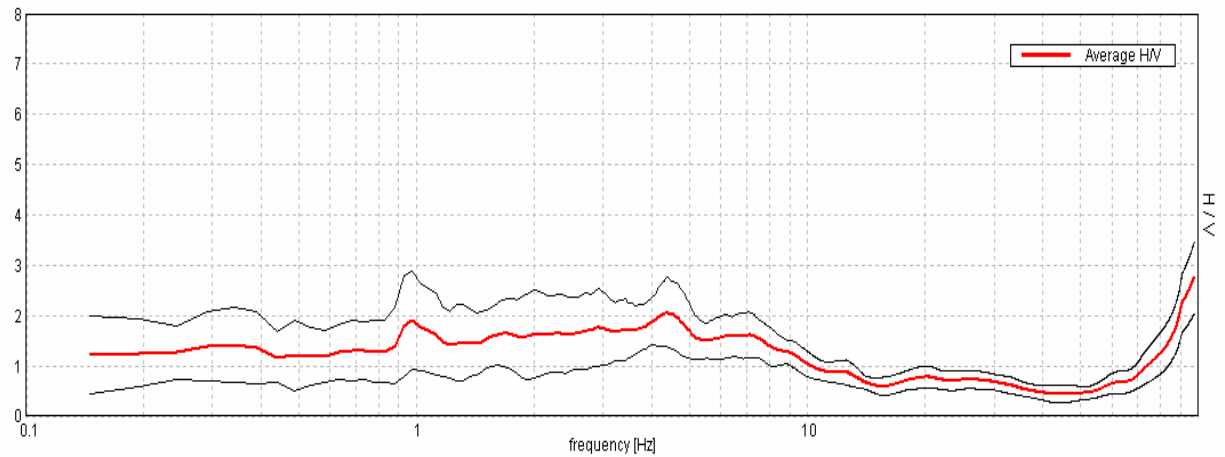
QUOTA: 200 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

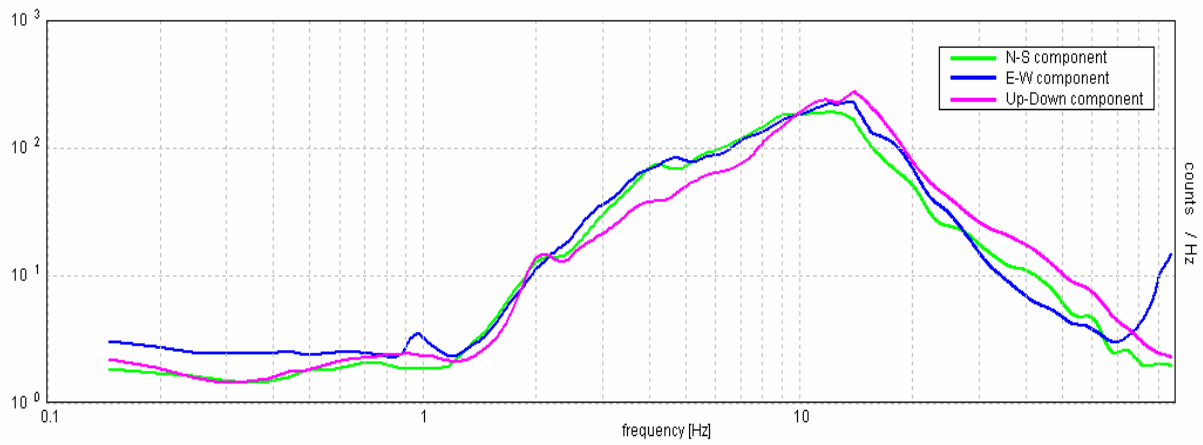
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

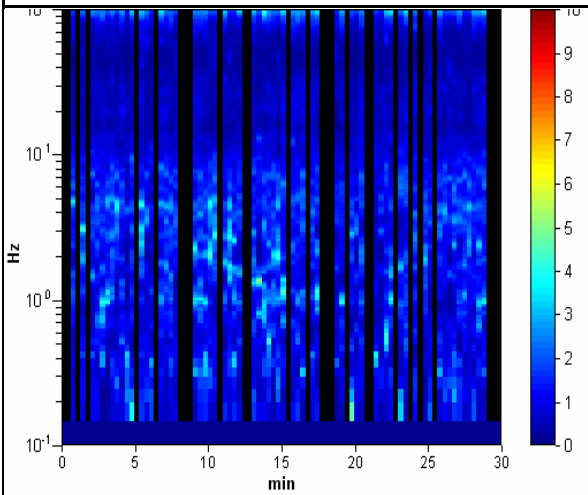
Max. HV at  $4.39 \pm 0.35$  Hz. (In the range 0.0 - 18.0 Hz).



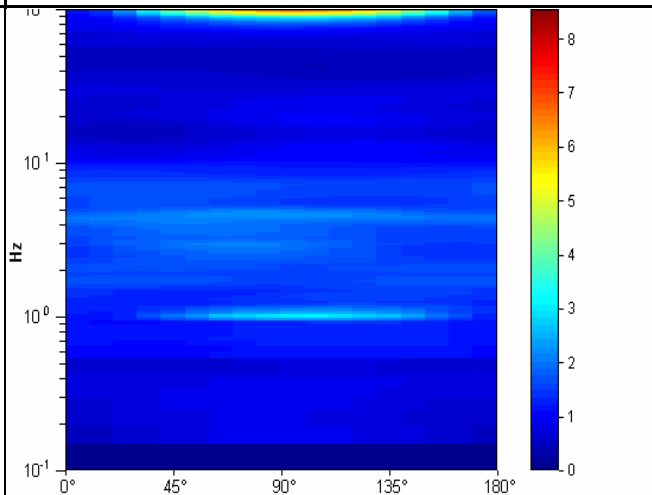
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H14

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

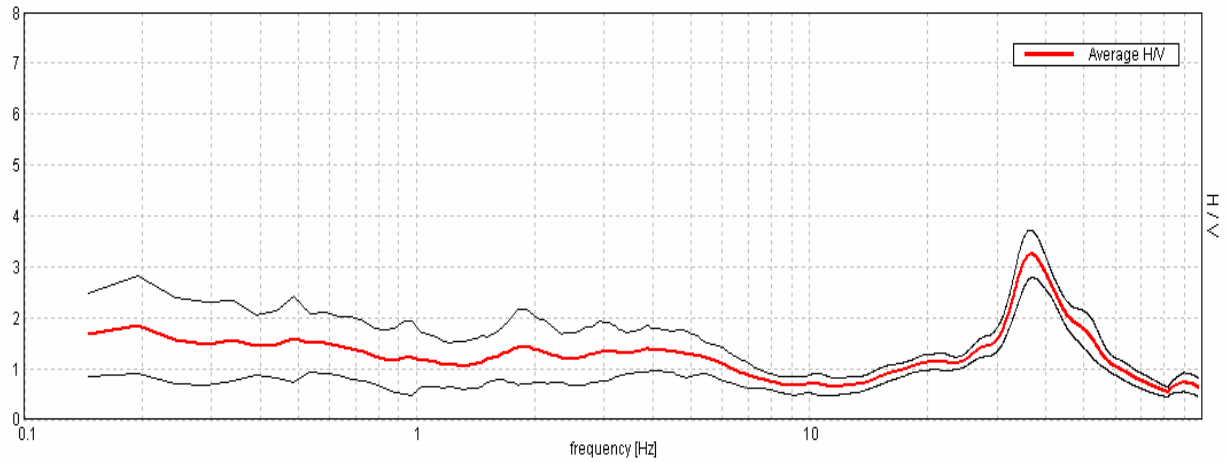
QUOTA: 195 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

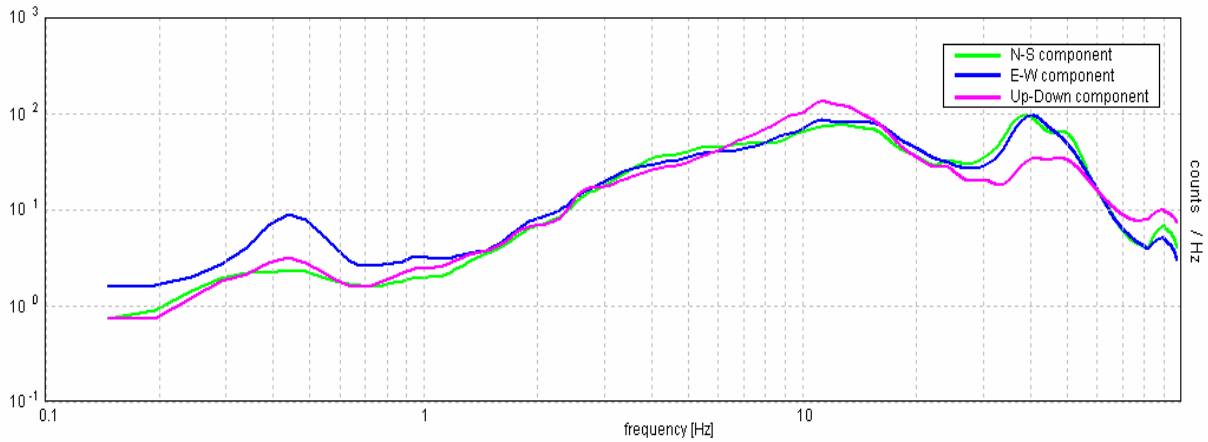
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

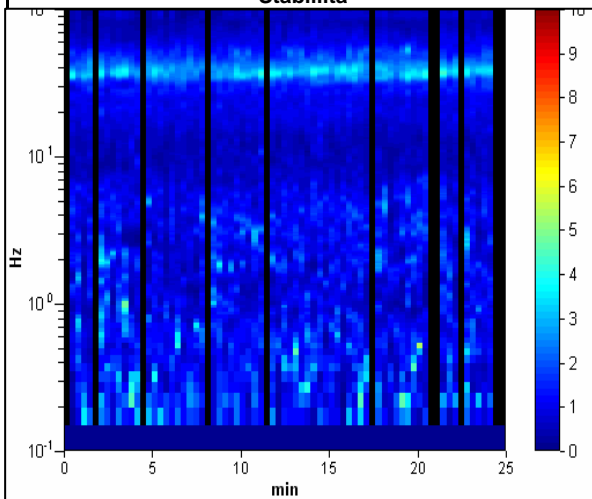
Picco HV a  $0.2 \pm 0.65$  Hz (nell'intervallo 0.0 - 18.0 Hz).



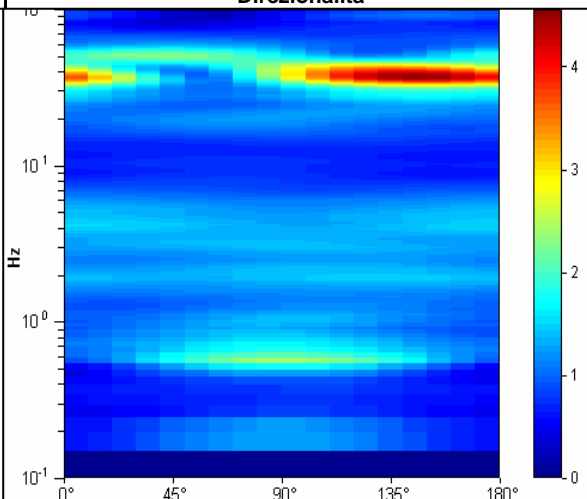
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H15

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

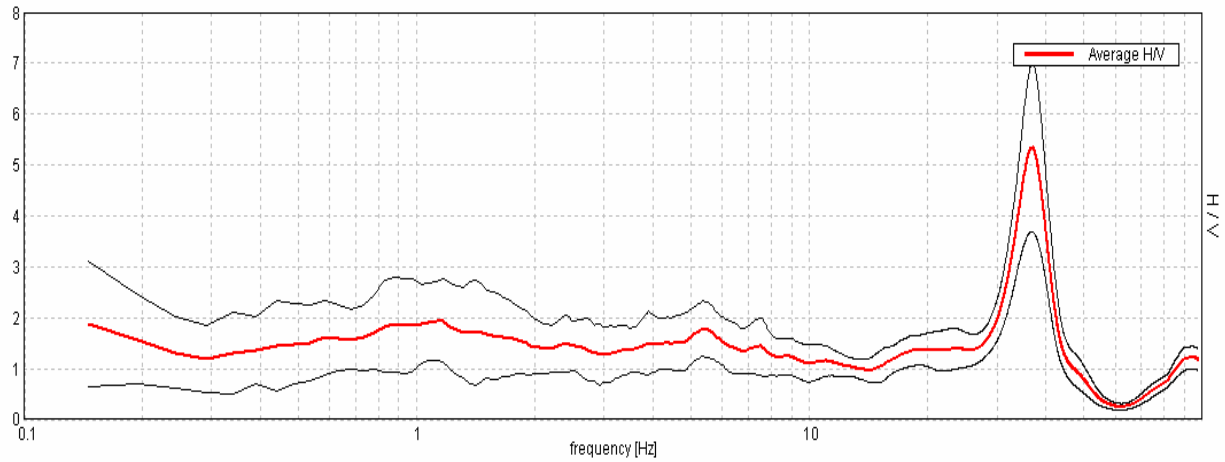
QUOTA: 215 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

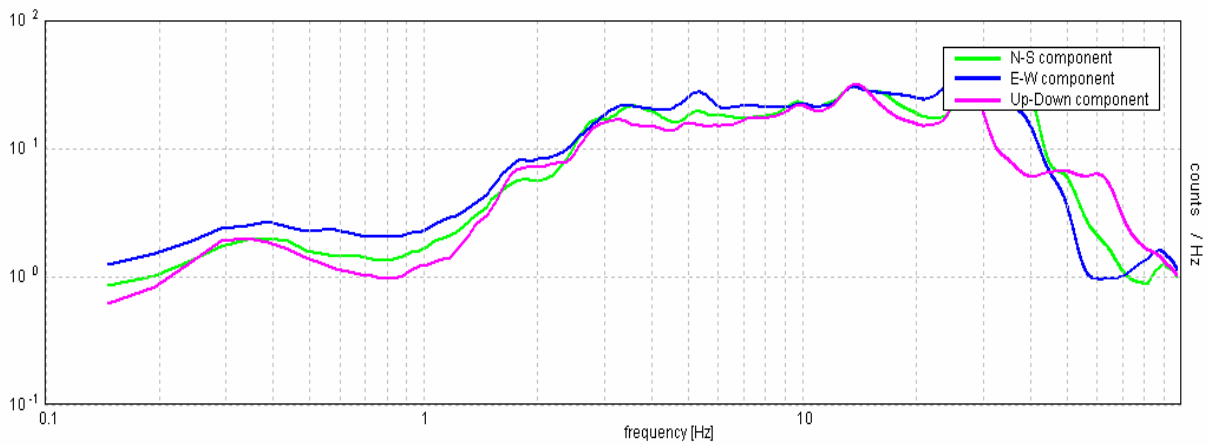
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

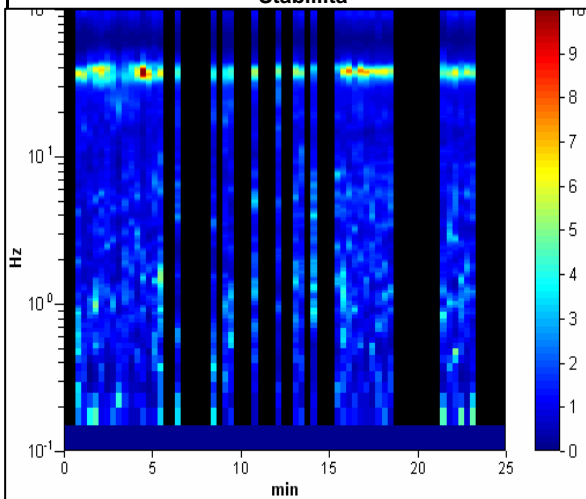
Picco HV a  $1.17 \pm 0.77$  Hz (nell'intervallo 0.0 - 18.0 Hz).



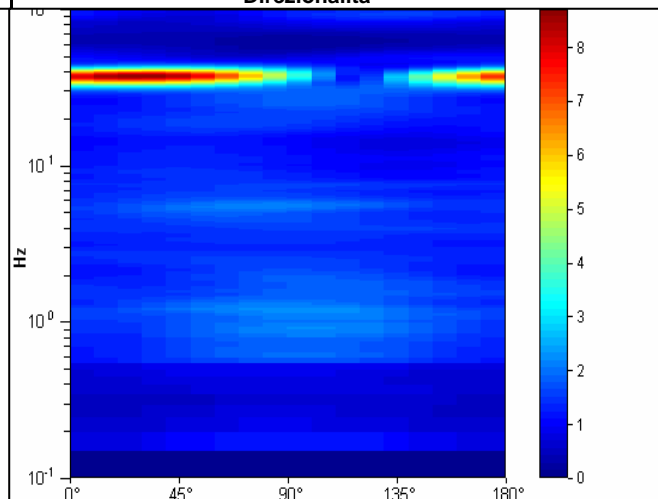
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H16

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 10-10-2013

CANTIERE: Vergato

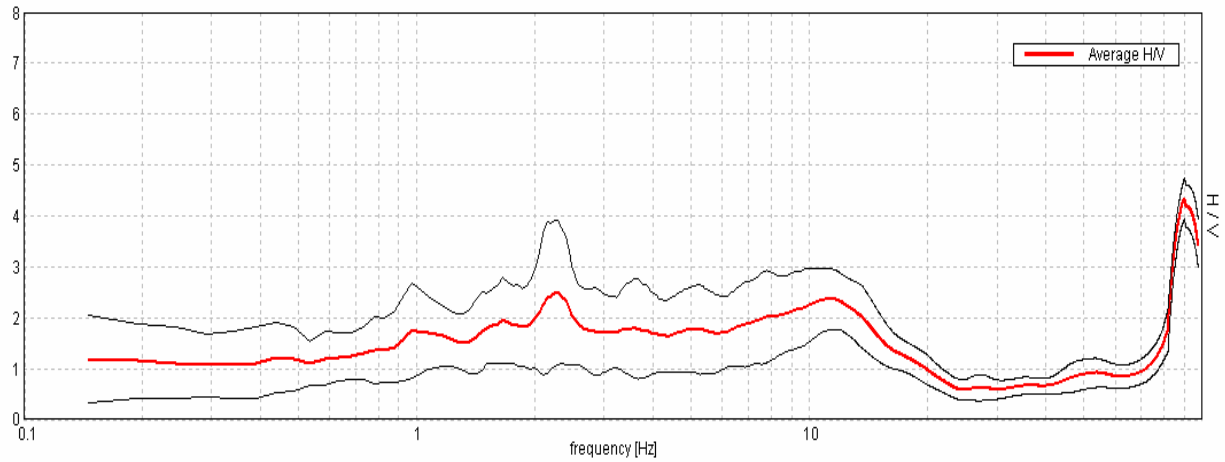
QUOTA: 255 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

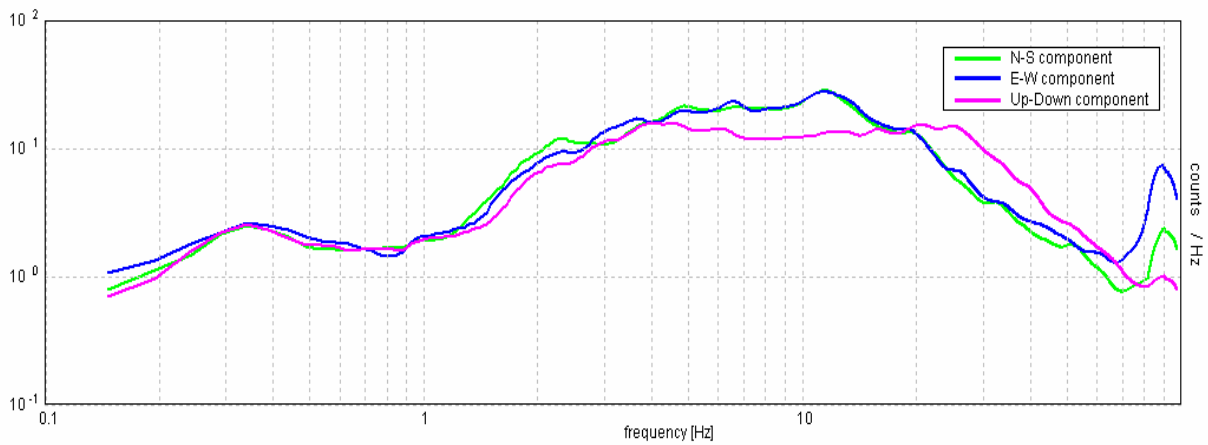
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

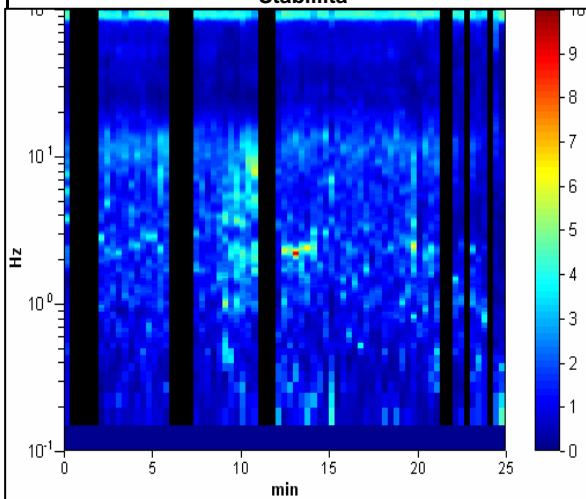
Picco HV a  $2.29 \pm 5.41$  Hz (nell'intervallo 0.0 - 18.0 Hz).



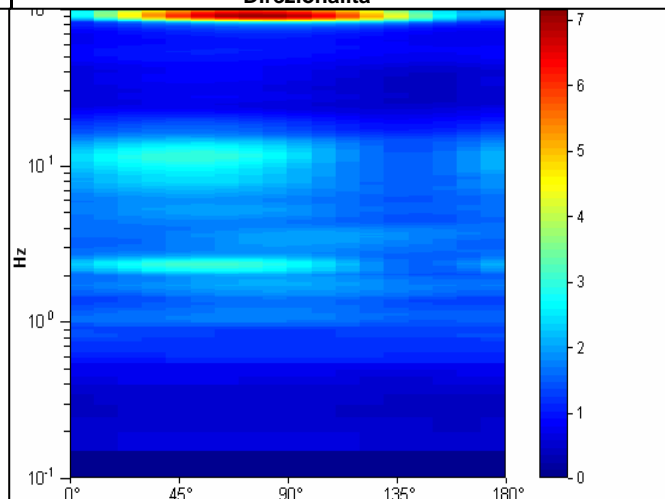
## Ampiezza spettrale



## Stabilità



## Direzionalità





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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H17

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Vergato

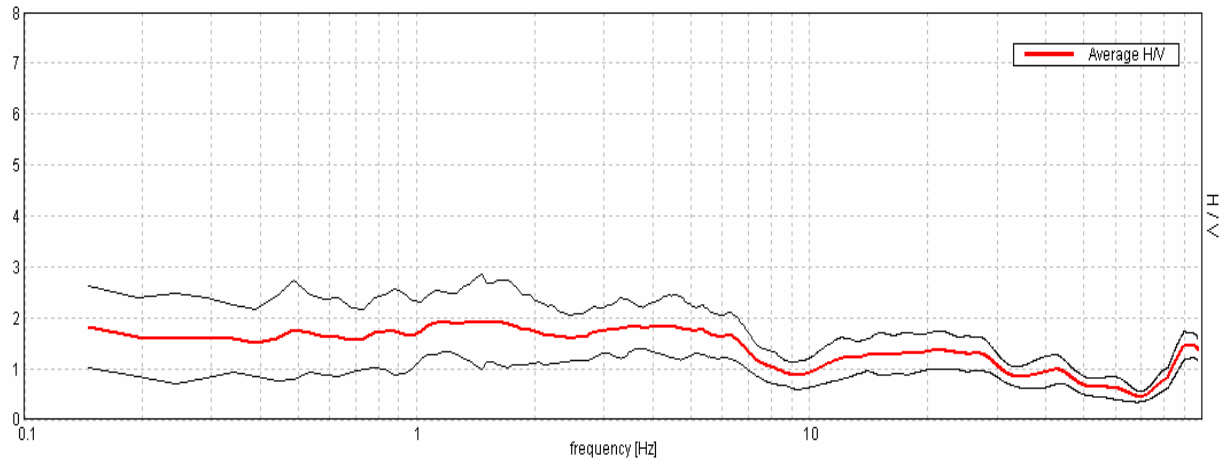
QUOTA: 235 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

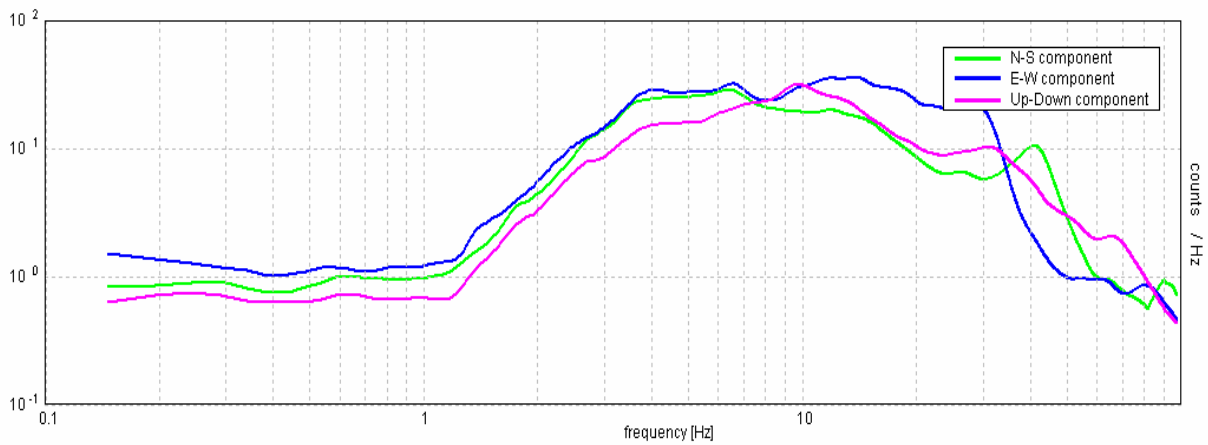
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

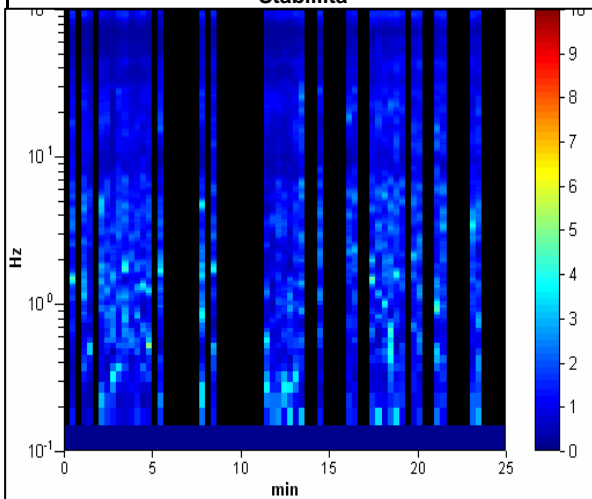
Picco HV a  $1.46 \pm 0.18$  Hz (nell'intervallo 0.0 - 18.0 Hz).



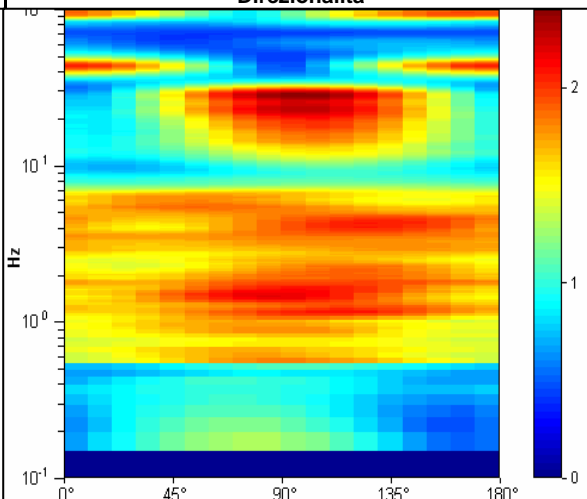
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H18

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Vergato

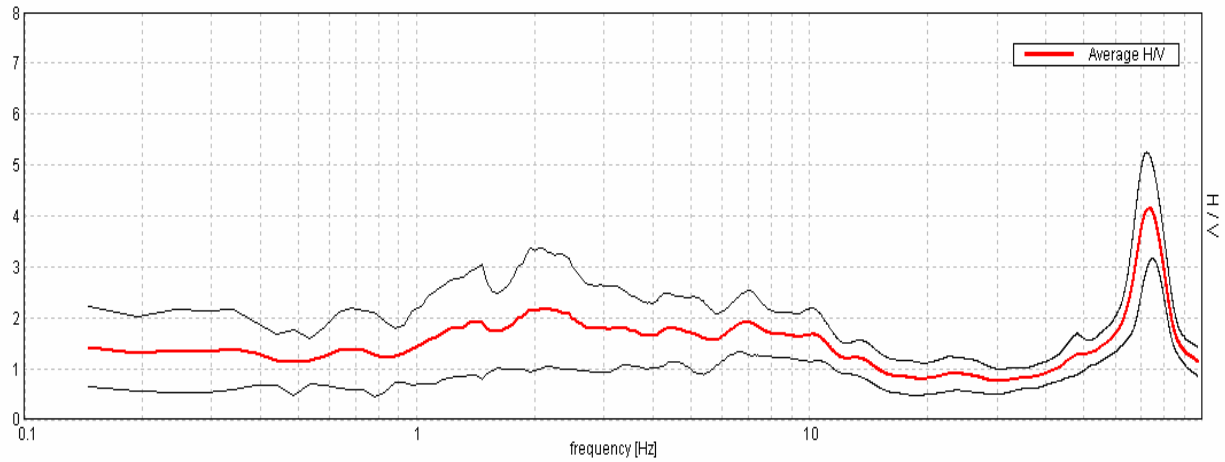
QUOTA: 230 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

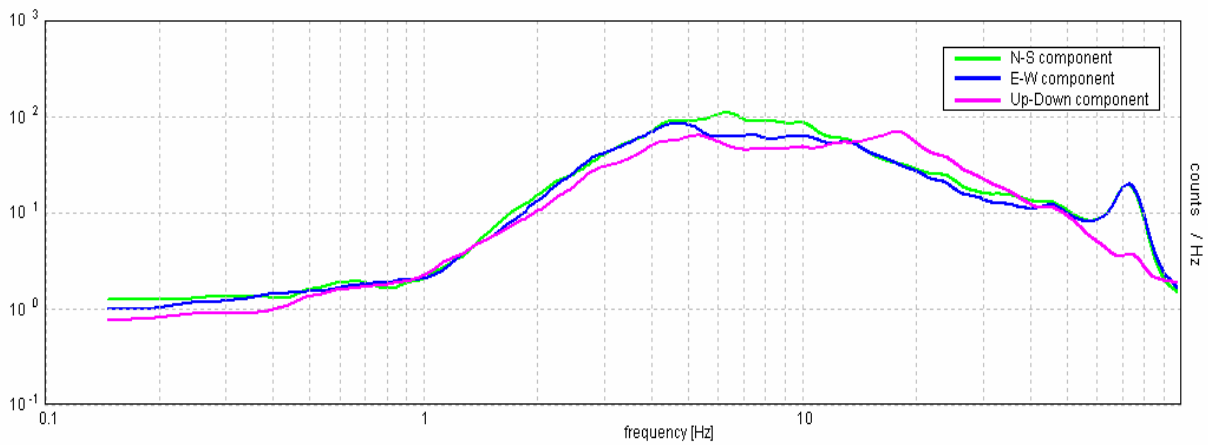
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

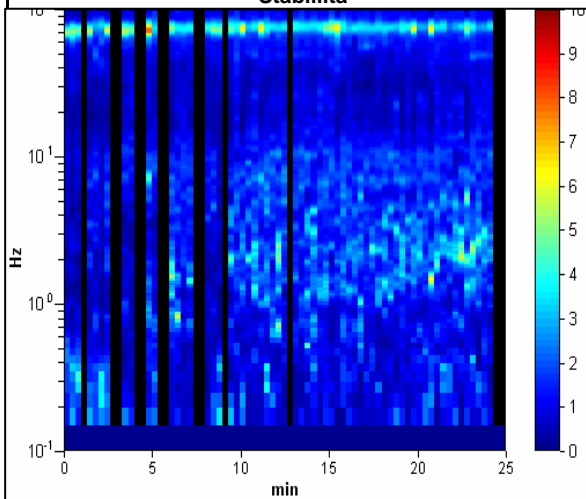
Picco HV a  $2.1 \pm 3.3$  Hz (nell'intervallo 0.0 - 18.0 Hz).



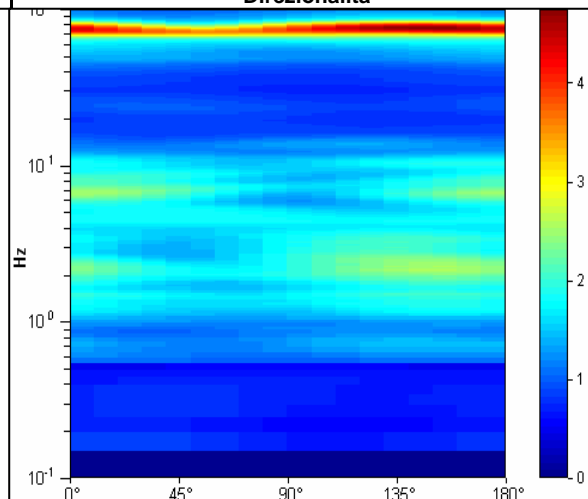
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H19

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Vergato

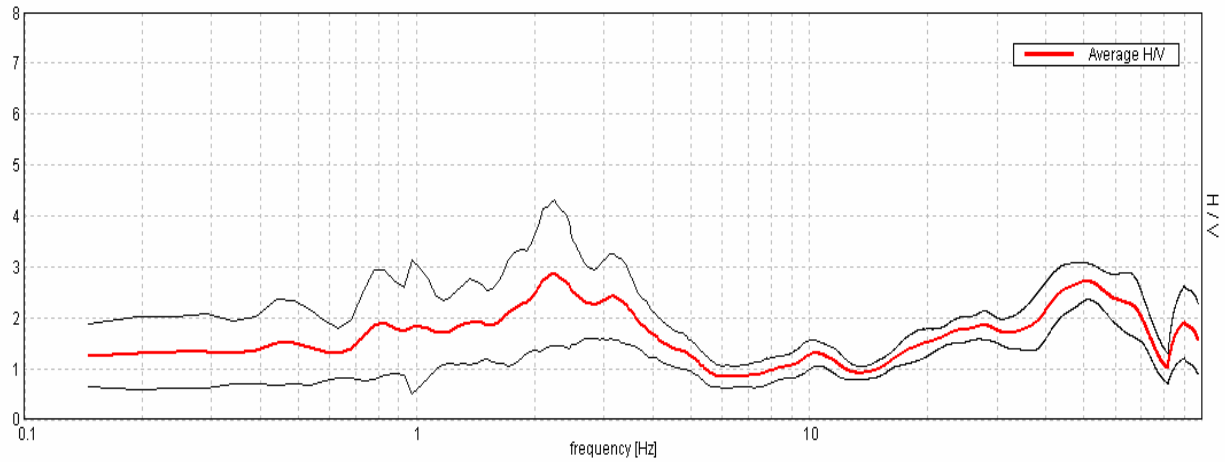
QUOTA: 200 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

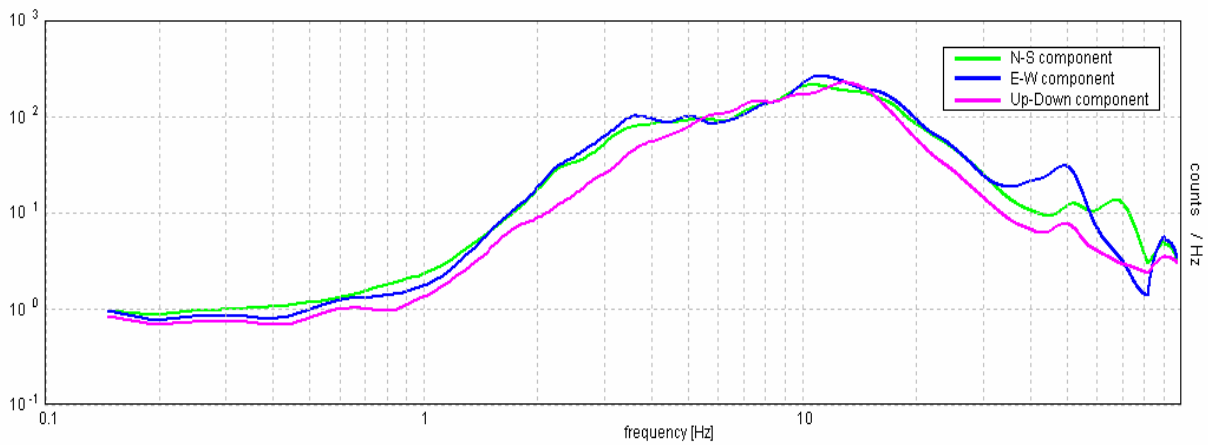
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

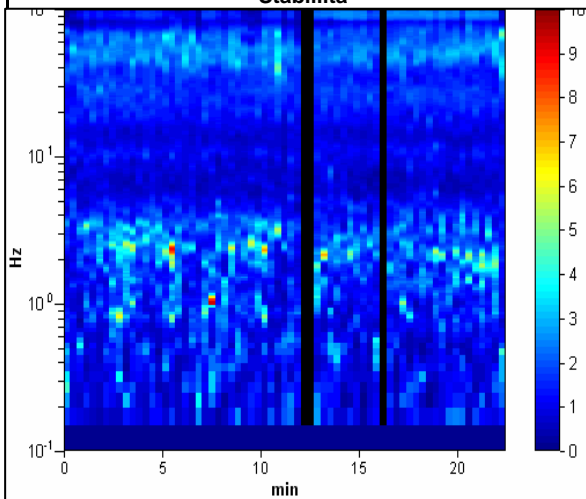
Picco HV a  $2.25 \pm 0.56$  Hz (nell'intervallo 0.0 - 18.0 Hz).



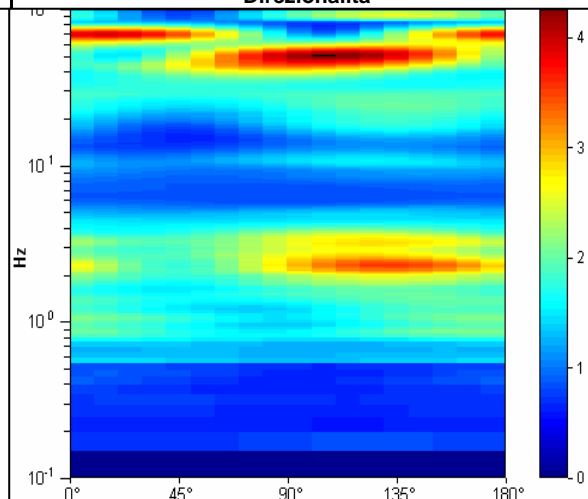
## Ampiezza spettrale



## Stabilità



## Direzionalità



STUDIO GEOLOGICO CENTROGEO  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H20

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Vergato

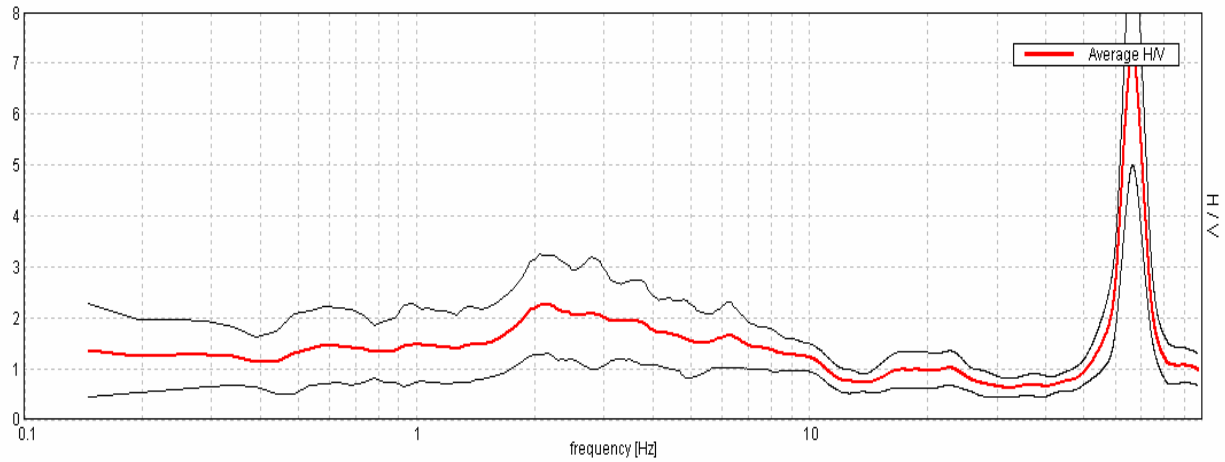
QUOTA: 200 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

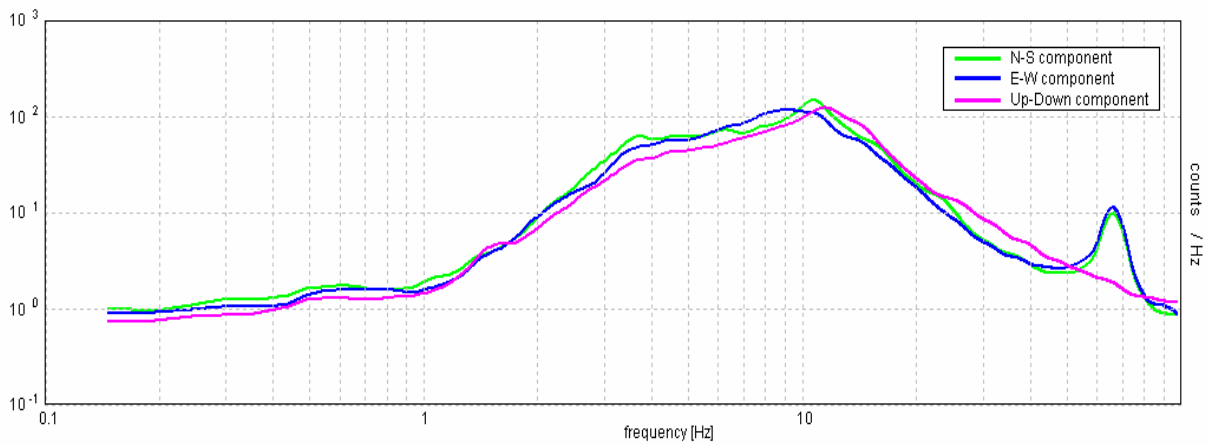
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

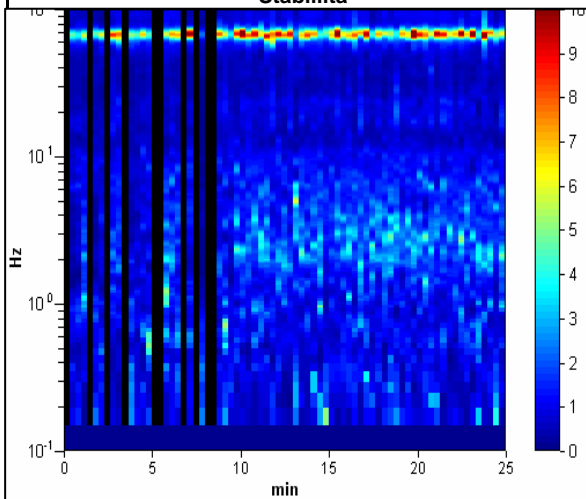
Picco HV a  $2.15 \pm 0.85$  Hz (nell'intervallo 0.0 - 18.0 Hz).



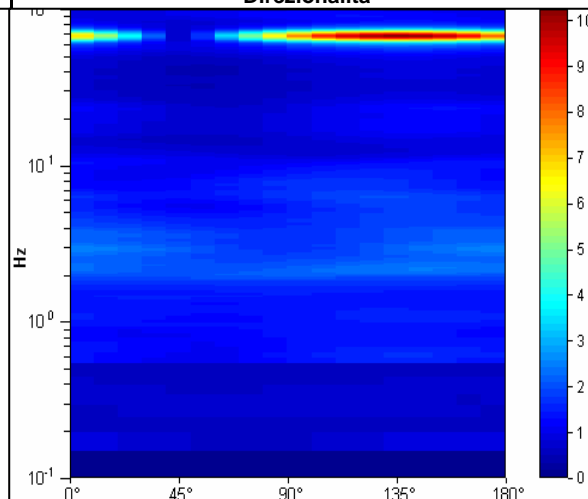
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H21

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Tolè

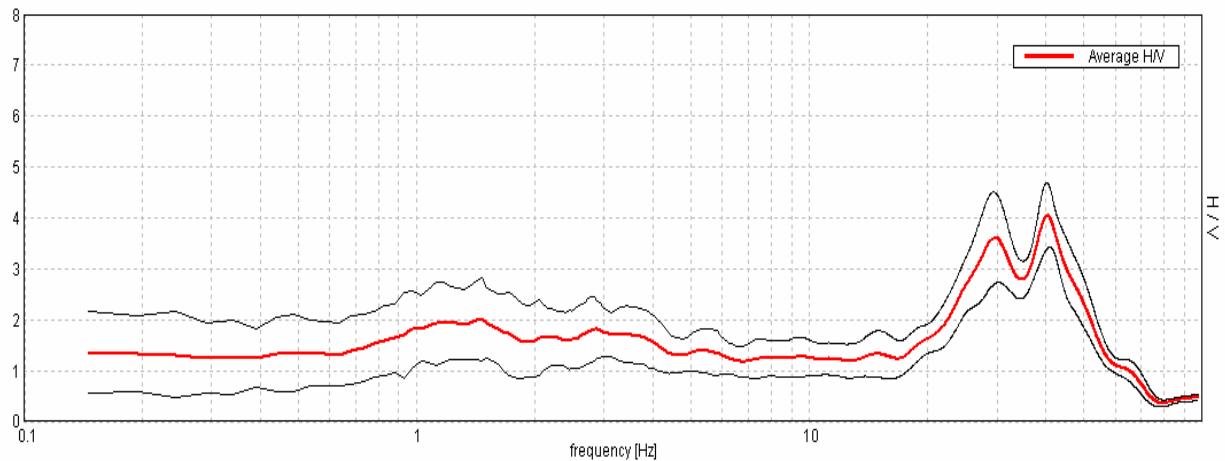
QUOTA: 660 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

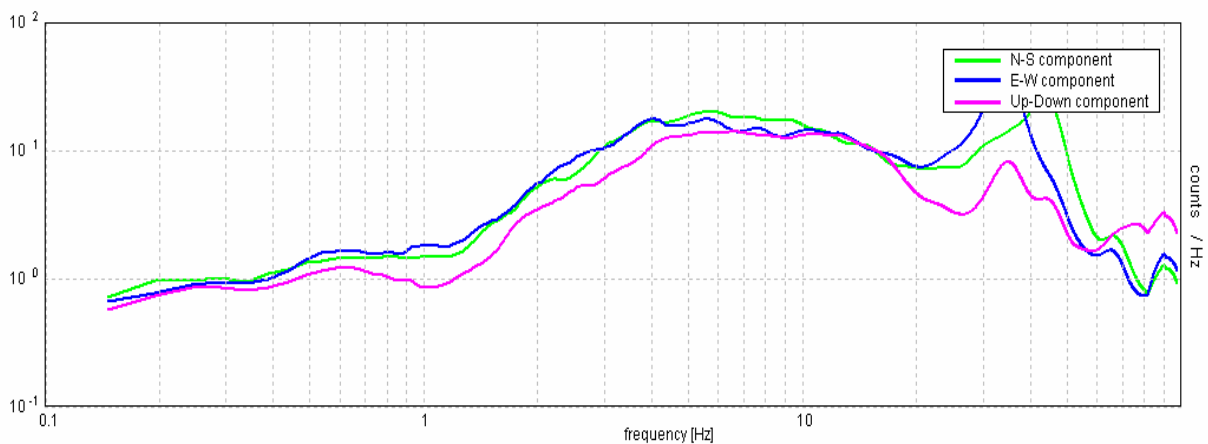
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

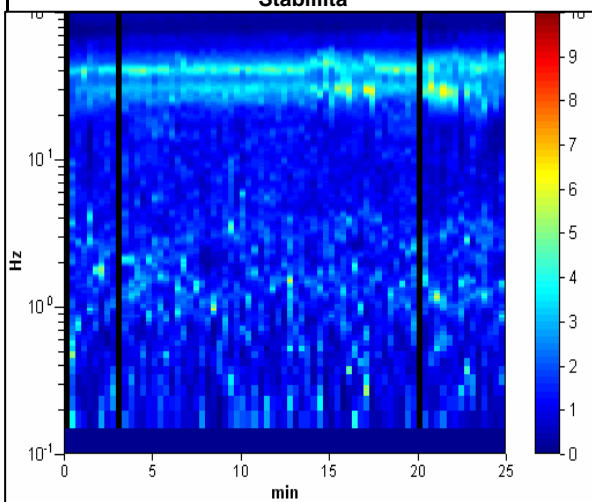
Picco HV a  $1.46 \pm 0.42$  Hz (nell'intervallo 0.0 - 18.0 Hz).



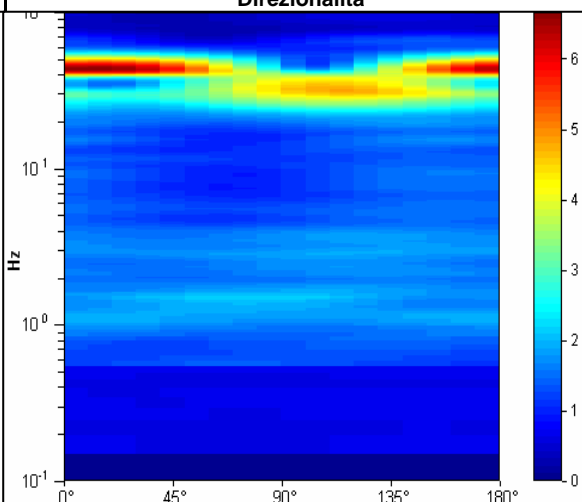
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H22

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Tolè

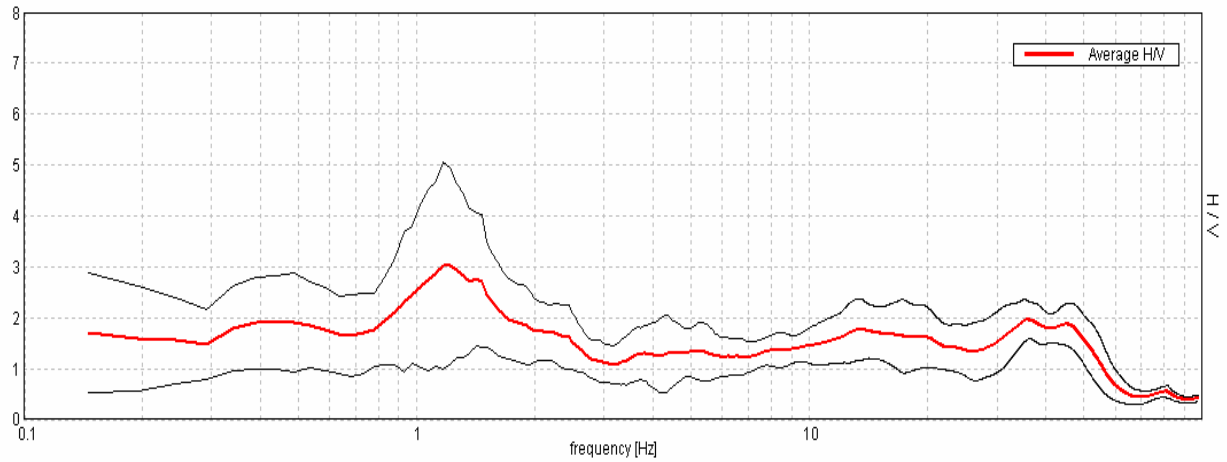
QUOTA: 670 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

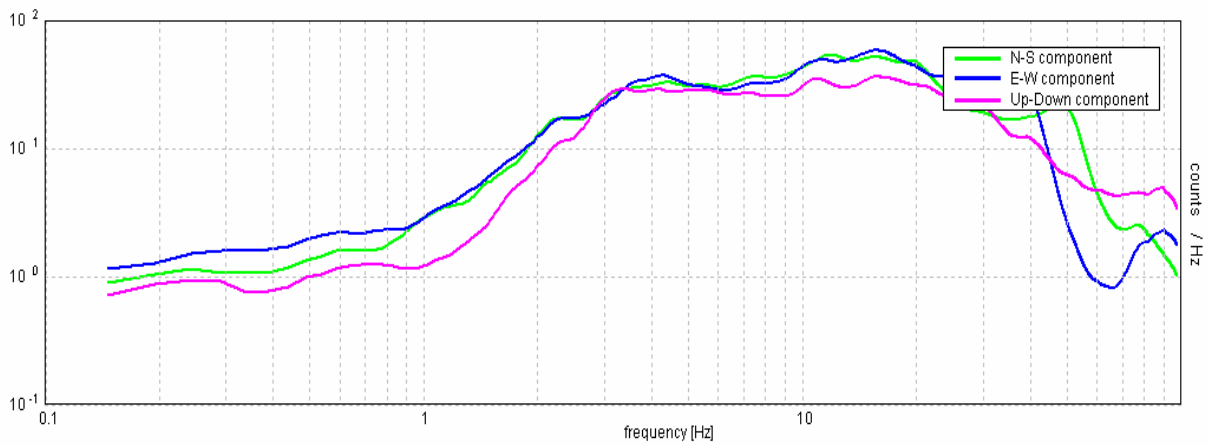
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

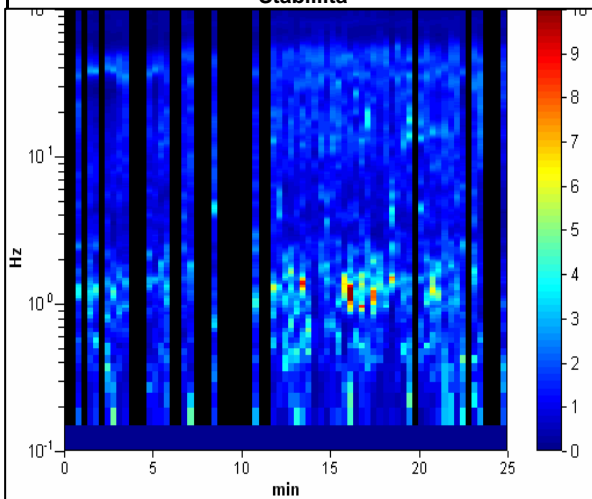
Picco HV a  $1.17 \pm 0.05$  Hz (nell'intervallo 0.0 - 18.0 Hz).



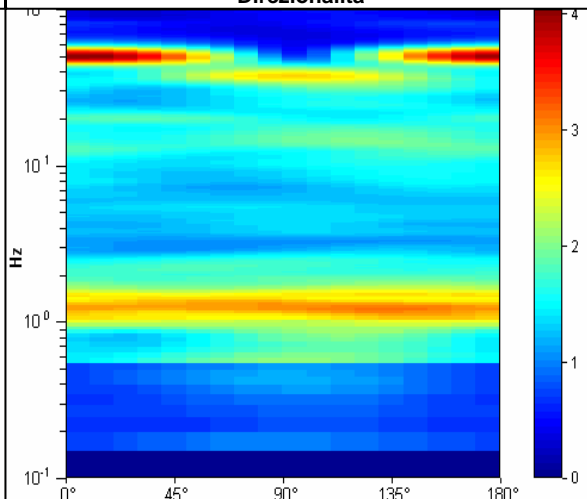
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H23

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Tolè

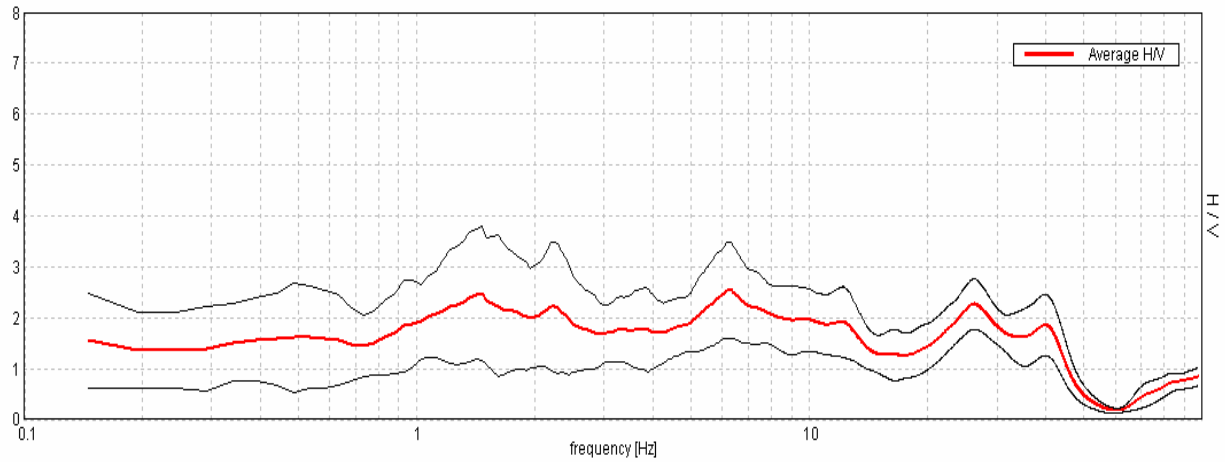
QUOTA: 670 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

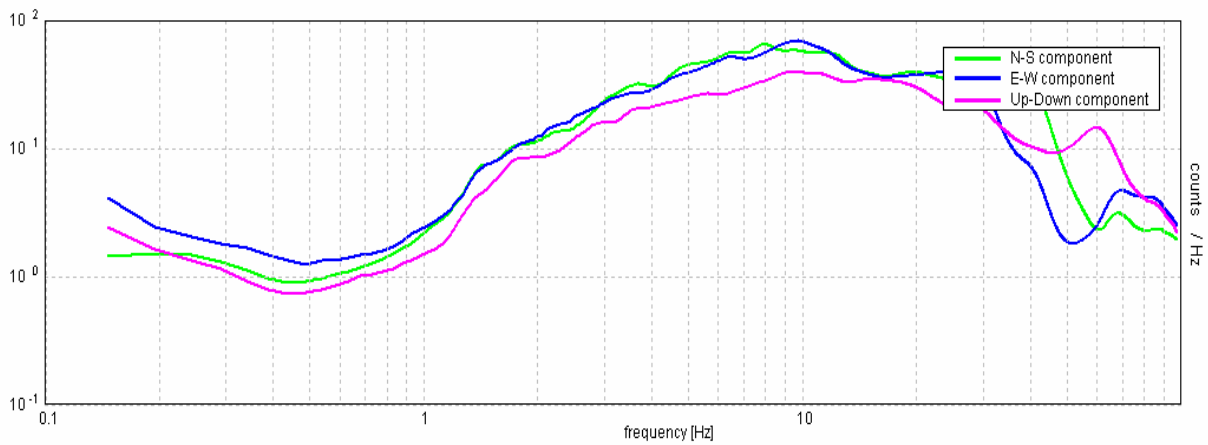
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

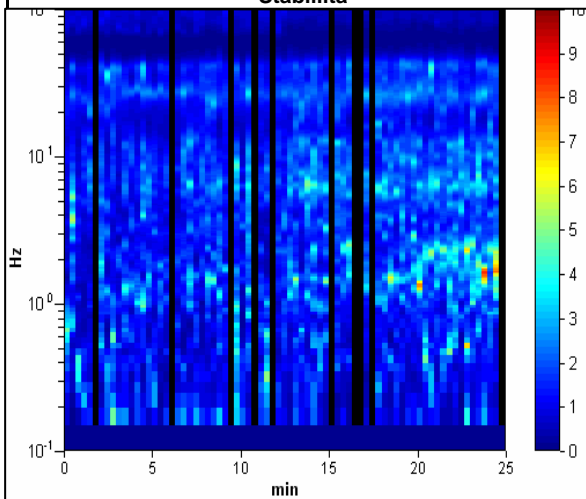
Picco HV a  $6.25 \pm 2.36$  Hz (nell'intervallo 0.0 - 18.0 Hz).



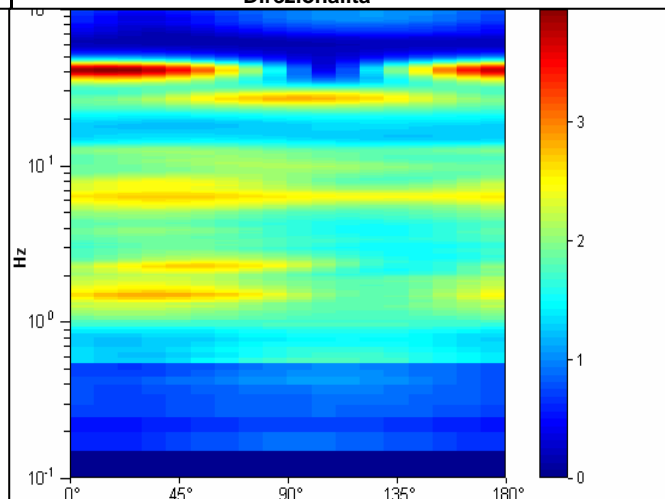
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H24

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Tolè

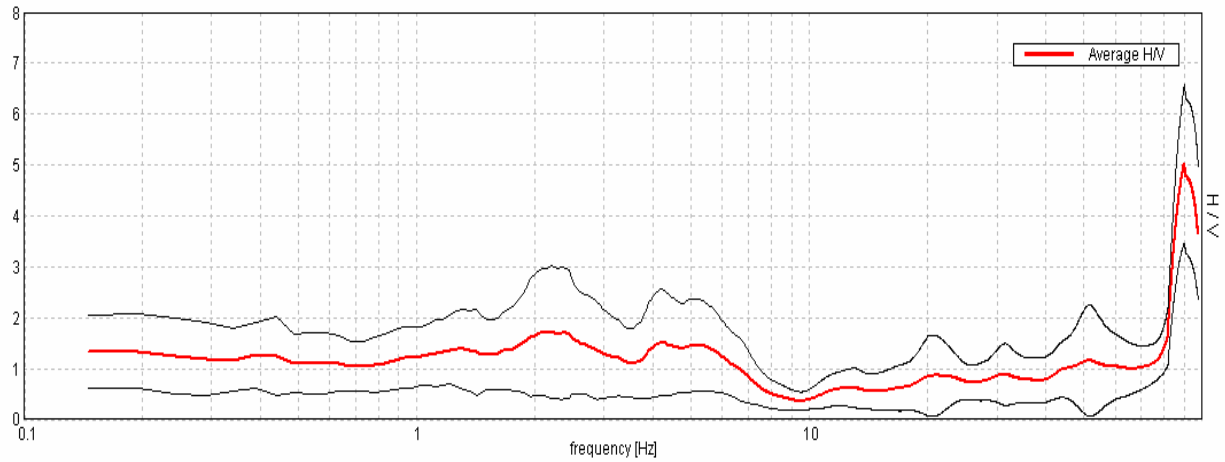
QUOTA: 660 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

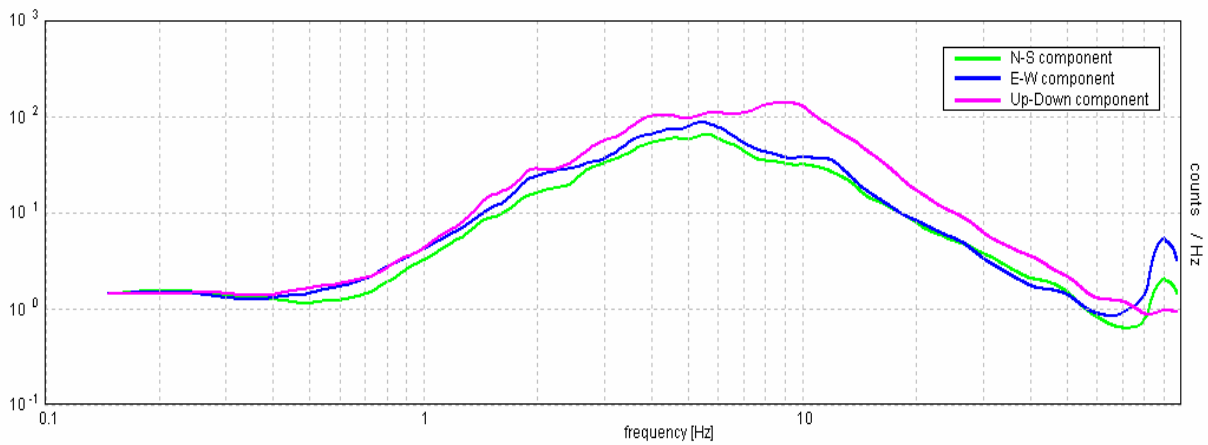
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

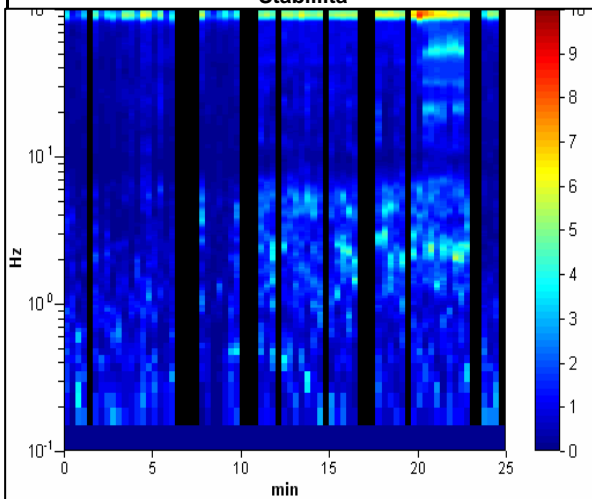
Picco HVV a  $2.2 \pm 1.74$  Hz (nell'intervallo 0.0 - 18.0 Hz).



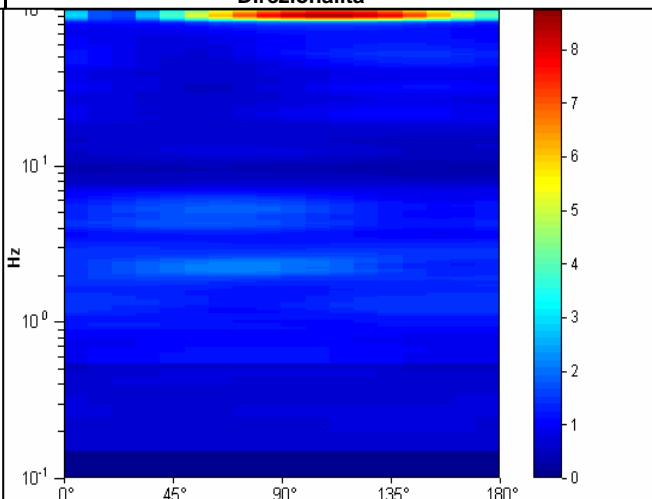
## Ampiezza spettrale



## Stabilità



## Direzionalità





**STUDIO GEOLOGICO CENTROGEO**  
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# INDAGINE HVSR H25

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Tolè

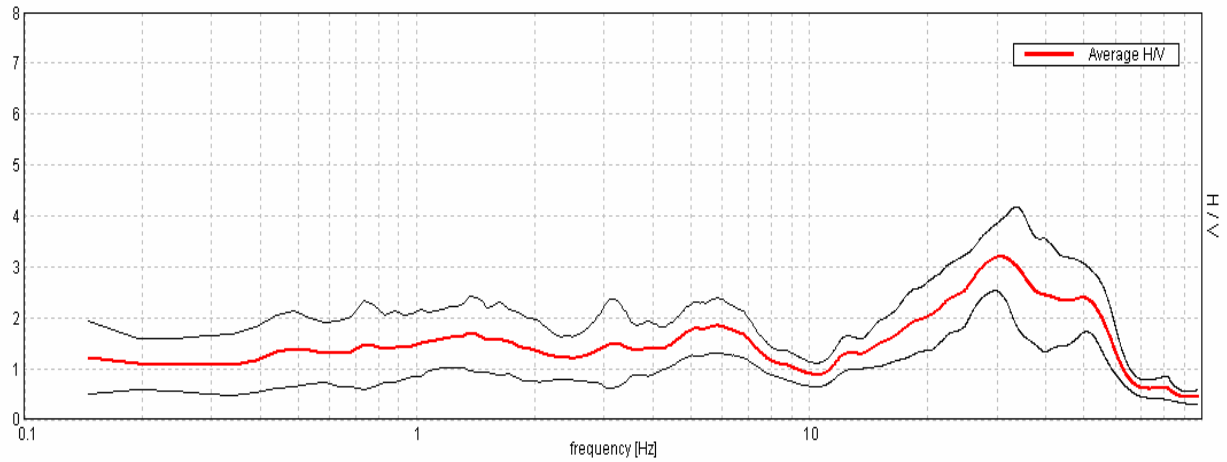
QUOTA: 660 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

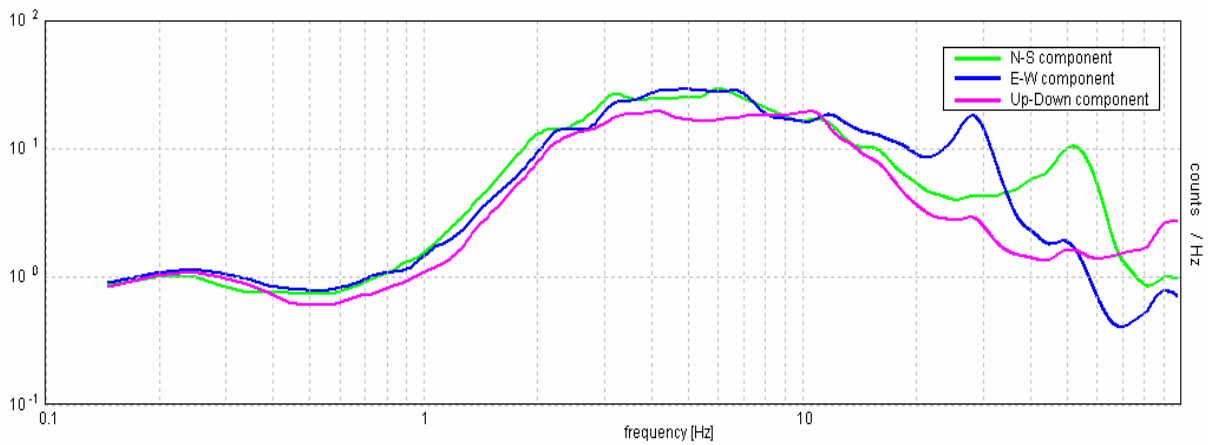
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

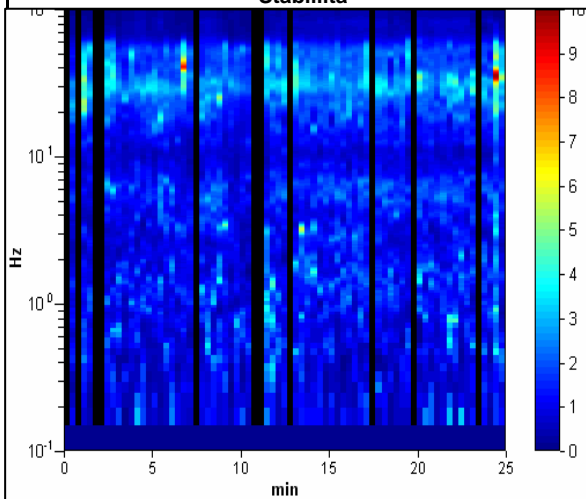
Picco HV a  $17.97 \pm 4.26$  Hz (nell'intervallo 0.0 - 18.0 Hz).



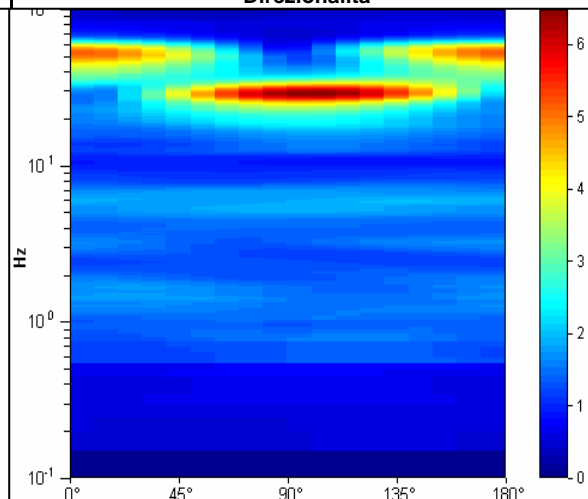
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H26

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Tolè

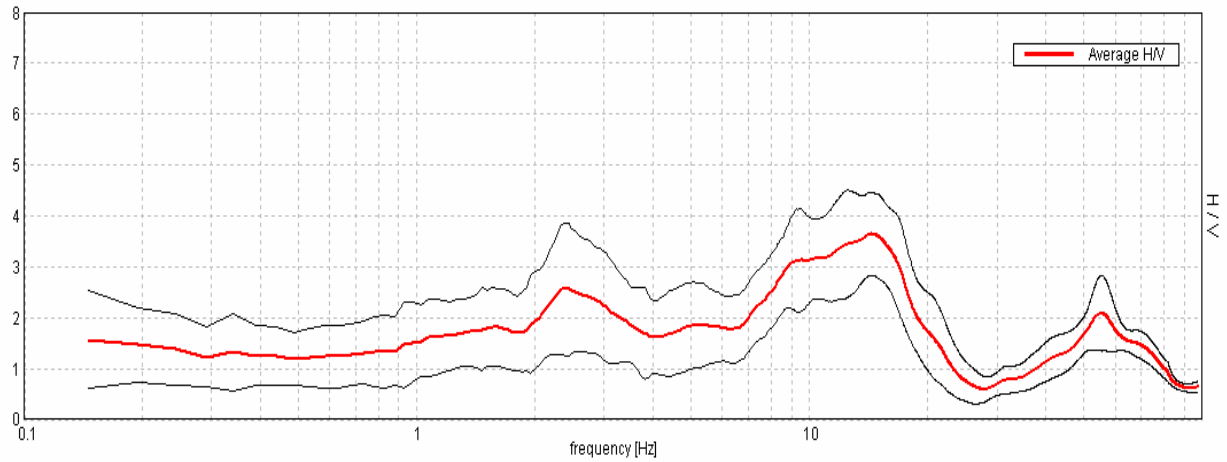
QUOTA: 680 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

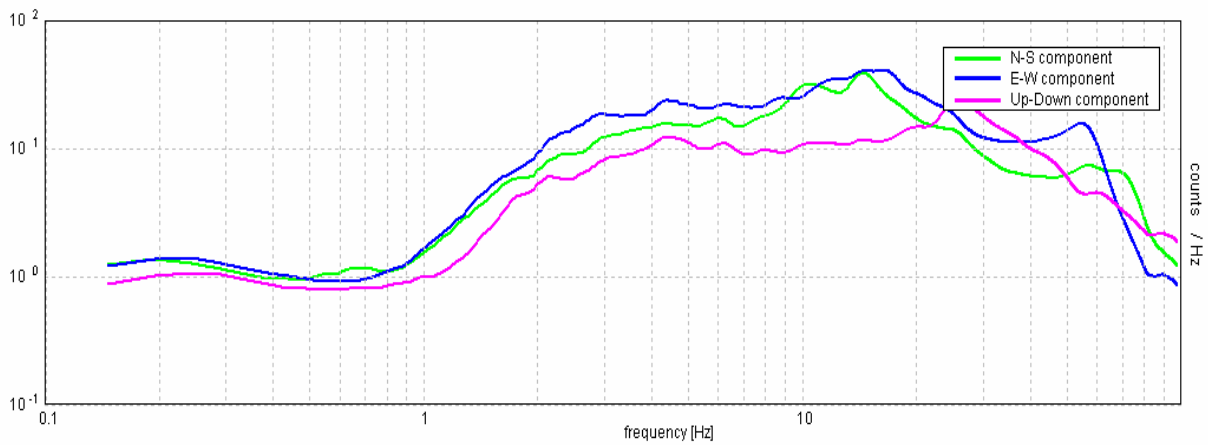
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

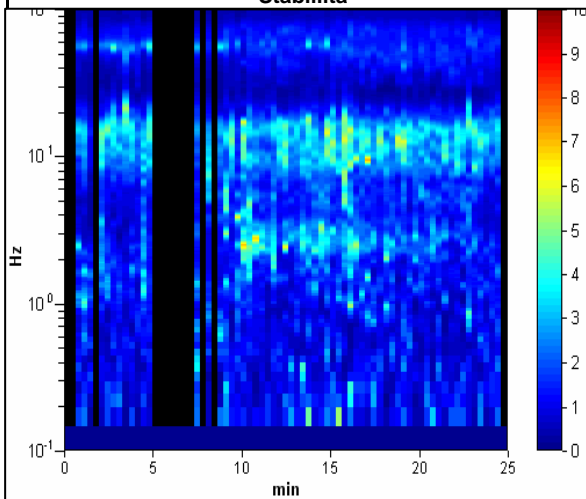
Max. H/V at 14.31 ± 2.83 Hz. (In the range 0.0 - 18.0 Hz).



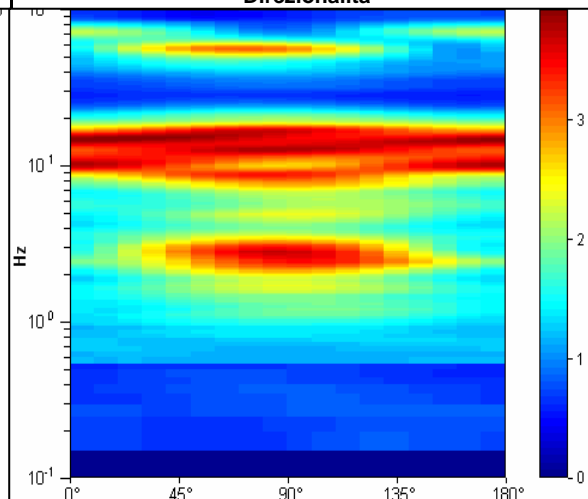
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H27

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Cereglio

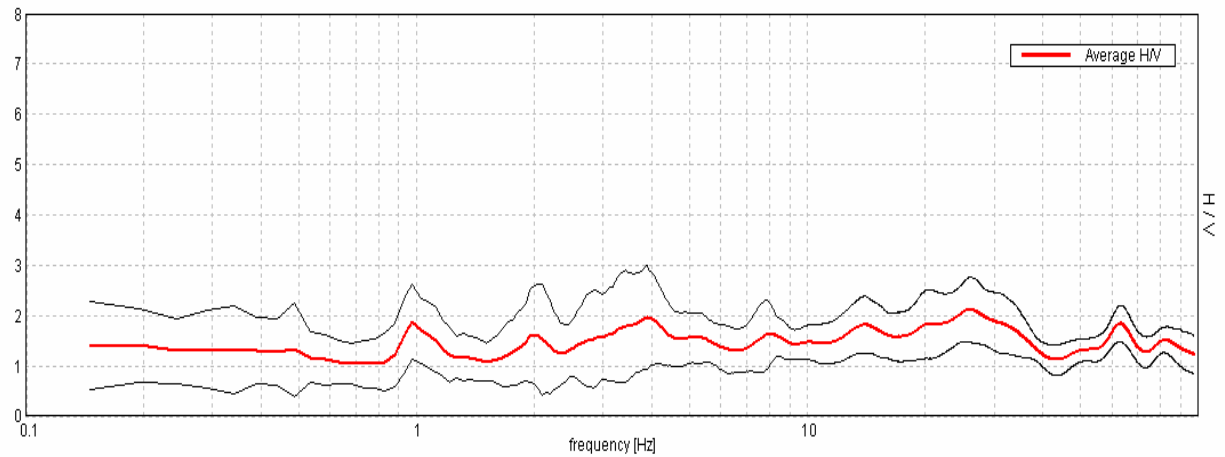
QUOTA: 670 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

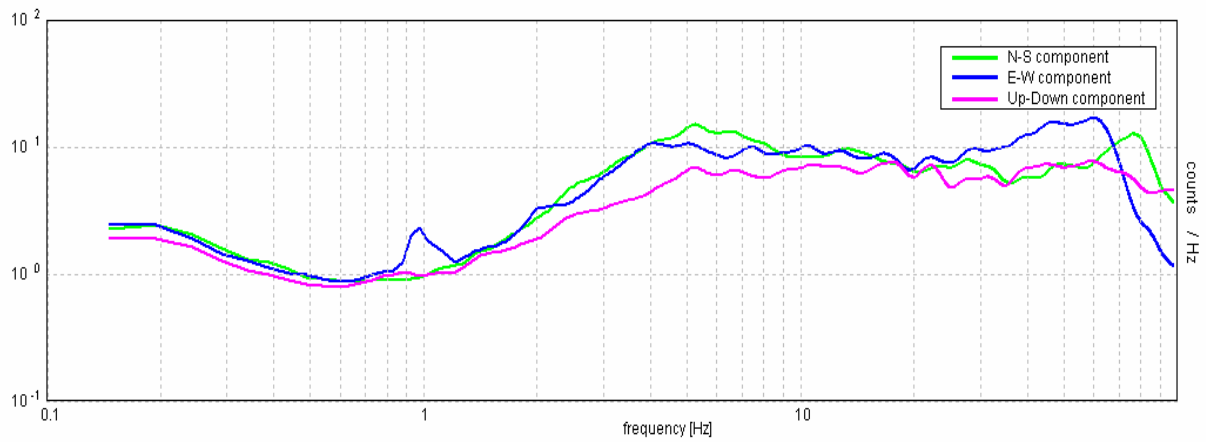
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

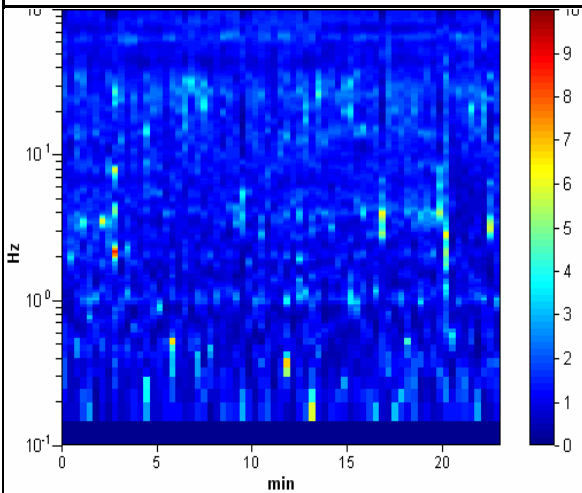
Max. HV at  $3.91 \pm 1.49$  Hz. (In the range 0.0 - 18.0 Hz).



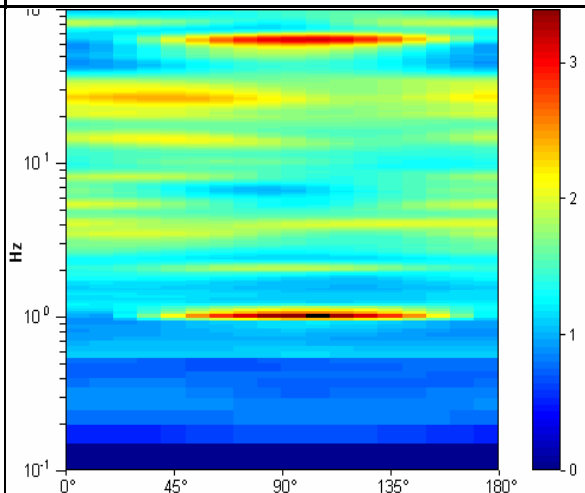
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H28

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Cereglio

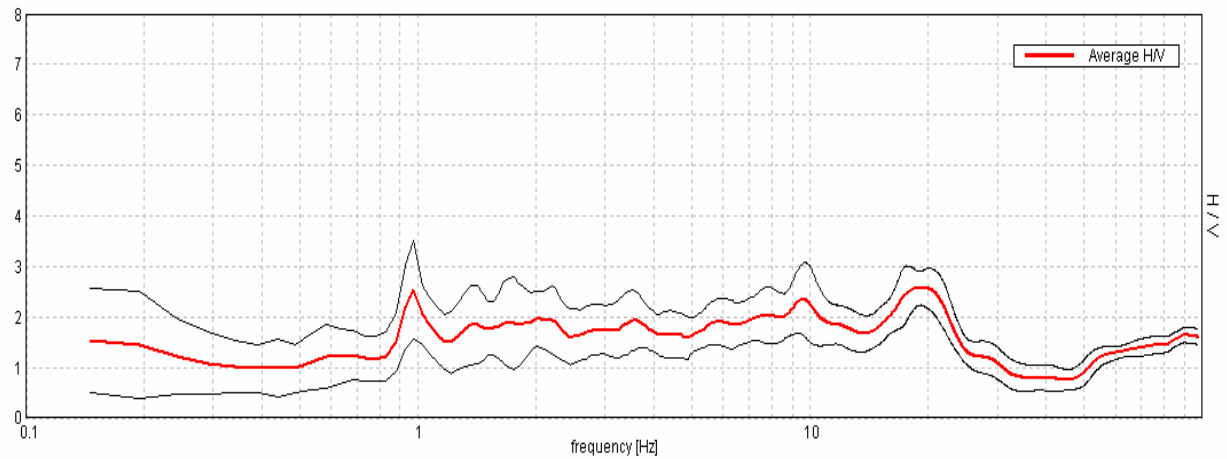
QUOTA: 750 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

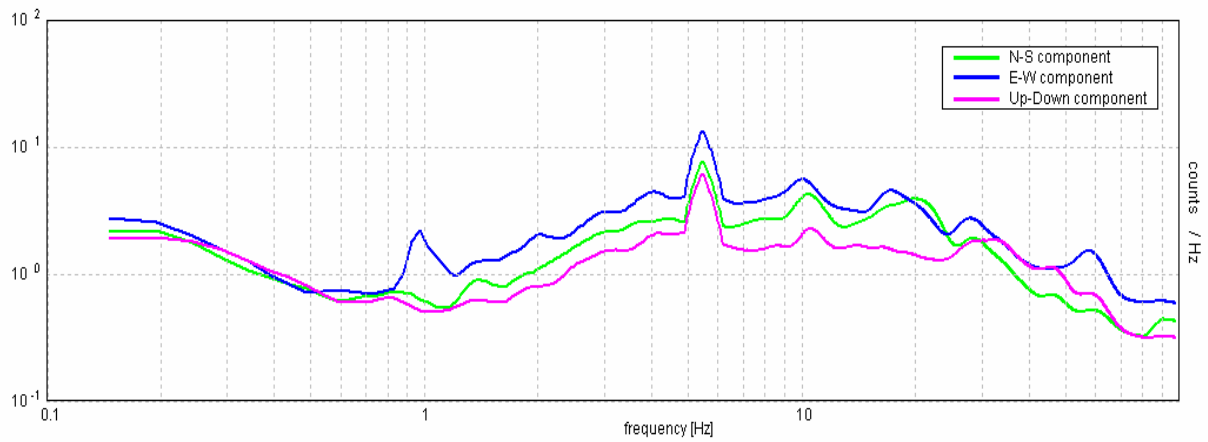
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

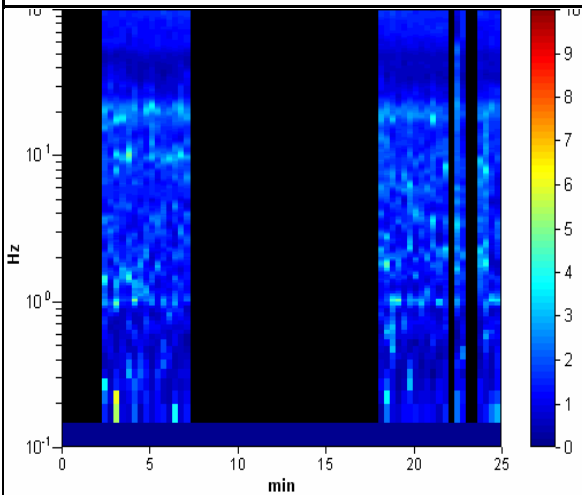
Max. HV at  $0.98 \pm 10.38$  Hz. (in the range 0.0 - 18.0 Hz).



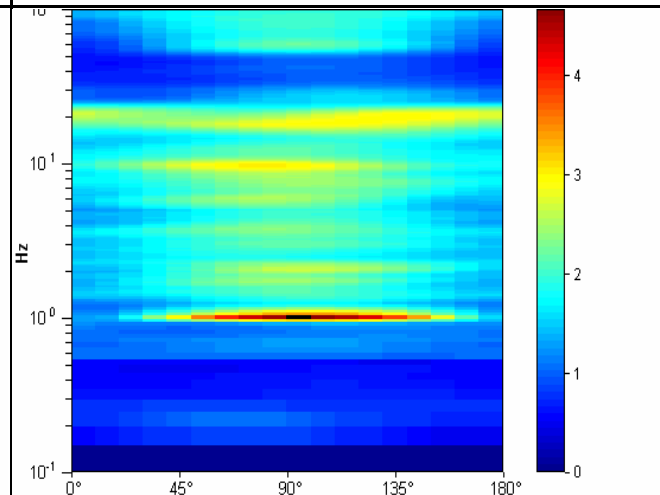
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H29

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Cereglio

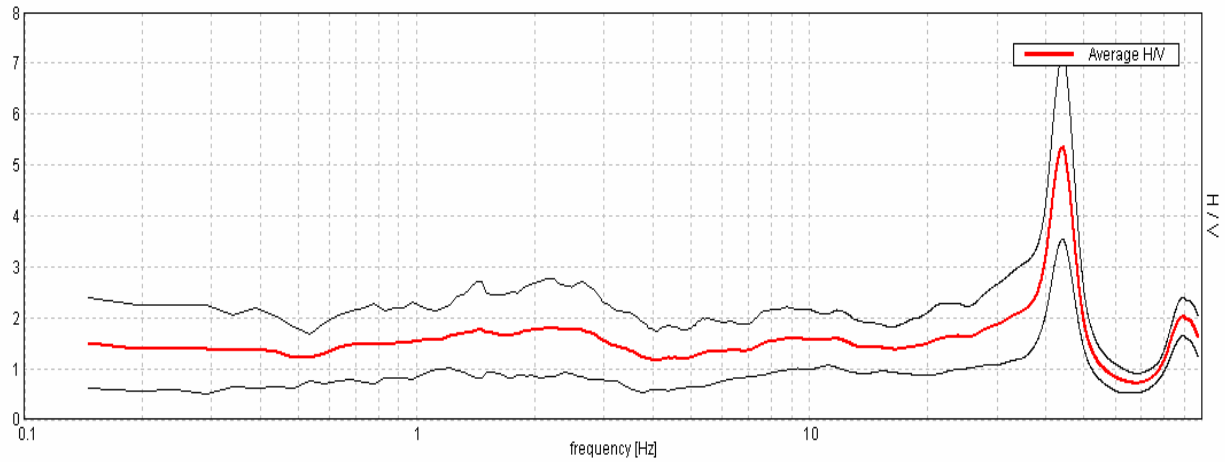
QUOTA: 635 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

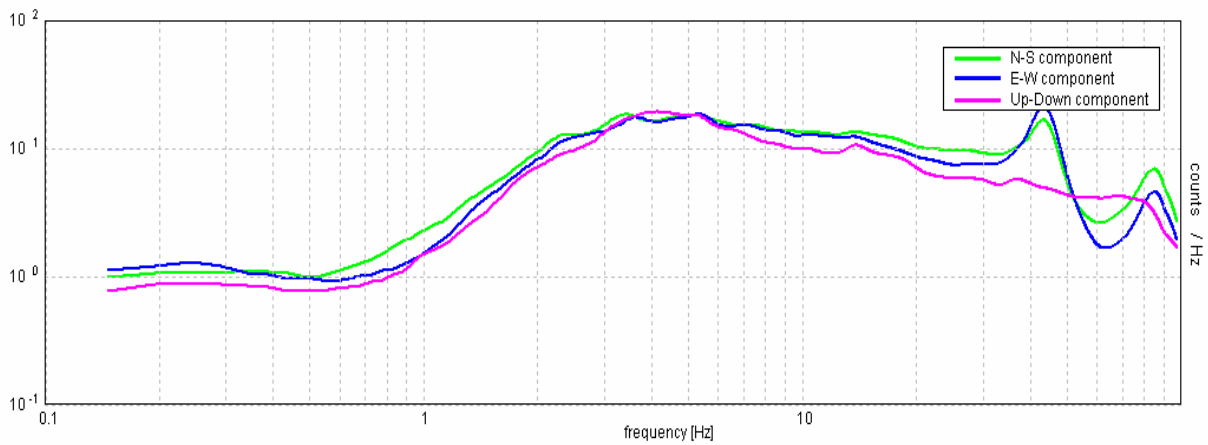
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

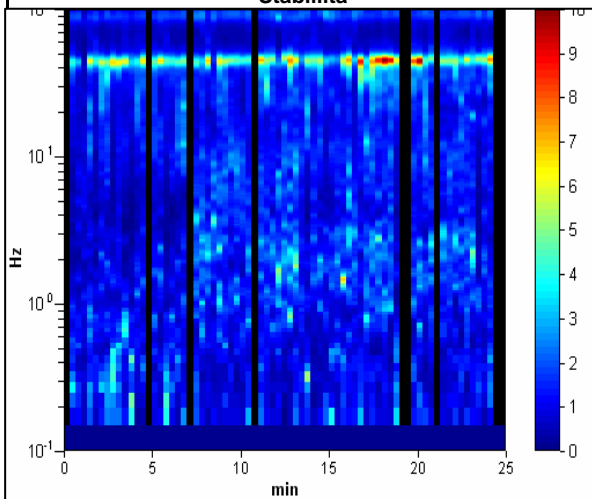
Picco HV a  $2.2 \pm 1.45$  Hz (nell'intervallo 0.0 - 18.0 Hz).



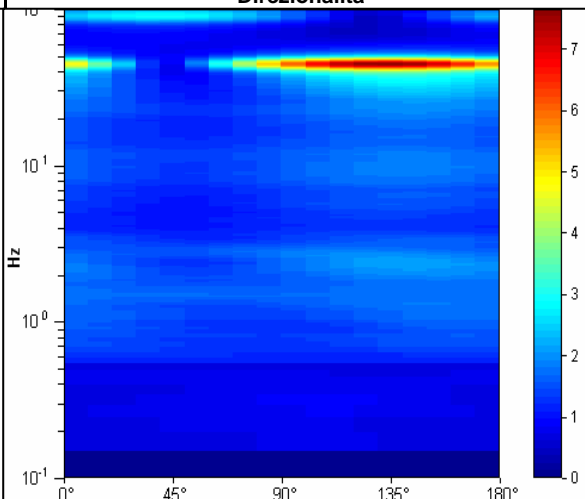
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H30

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Tolè

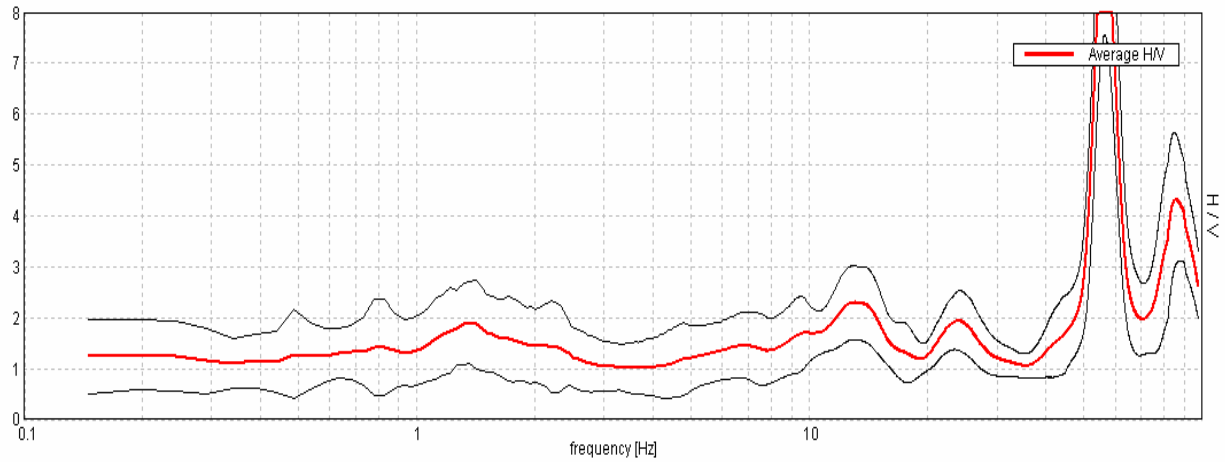
QUOTA: 660 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

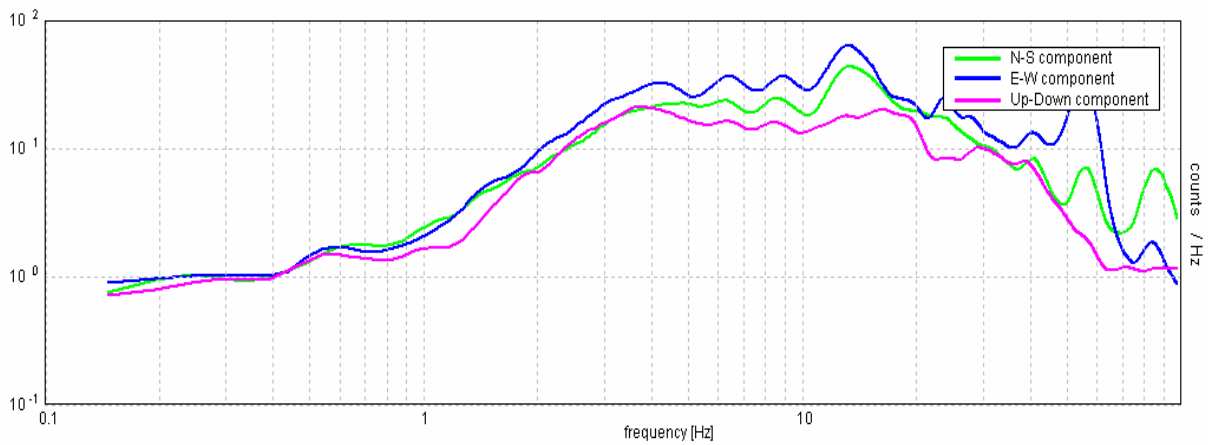
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

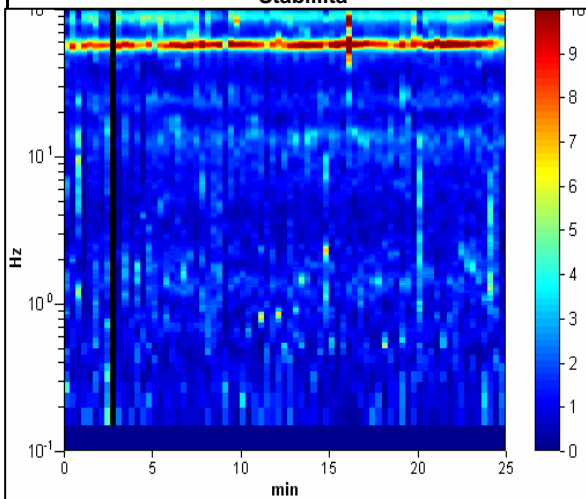
Picco HV a  $13.04 \pm 2.53$  Hz (nell'intervallo 0.0 - 18.0 Hz).



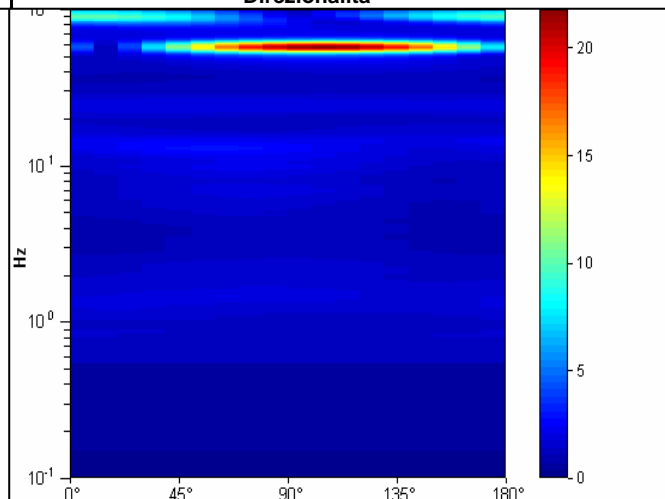
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H31

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 14-10-2013

CANTIERE: Tolè

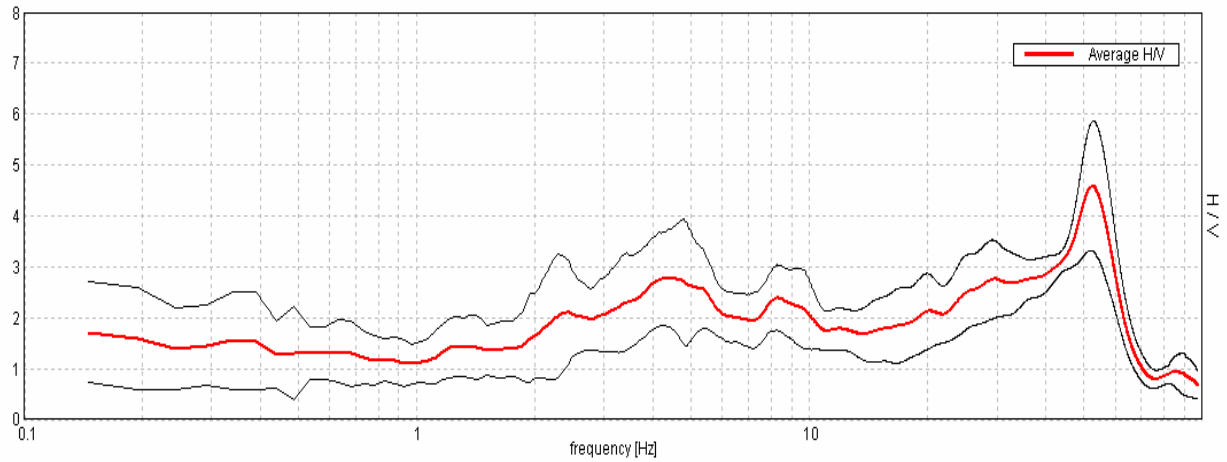
QUOTA: 720 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

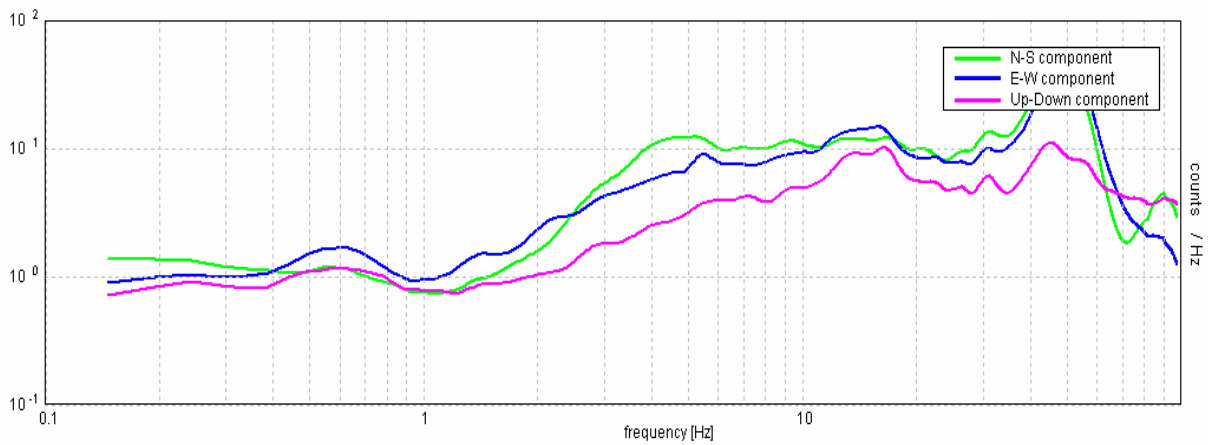
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

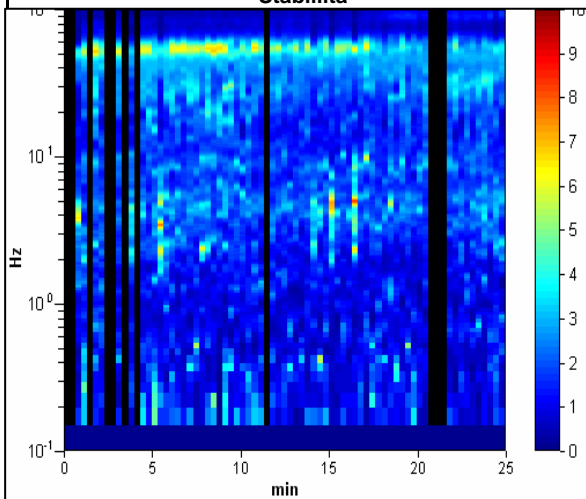
Picco HV a  $4.49 \pm 0.21$  Hz (nell'intervallo 0.0 - 18.0 Hz).



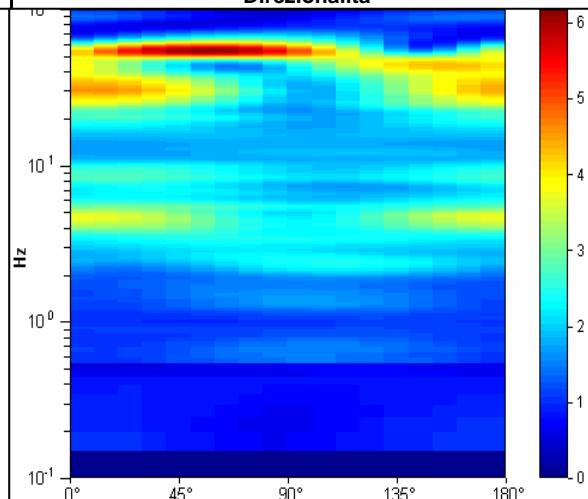
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H32

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Cereglio

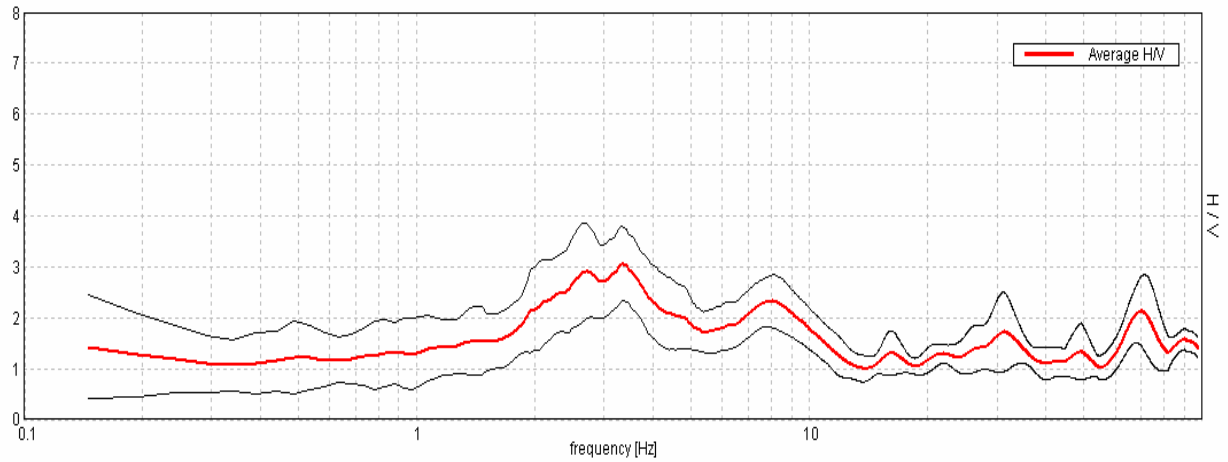
QUOTA: 630 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

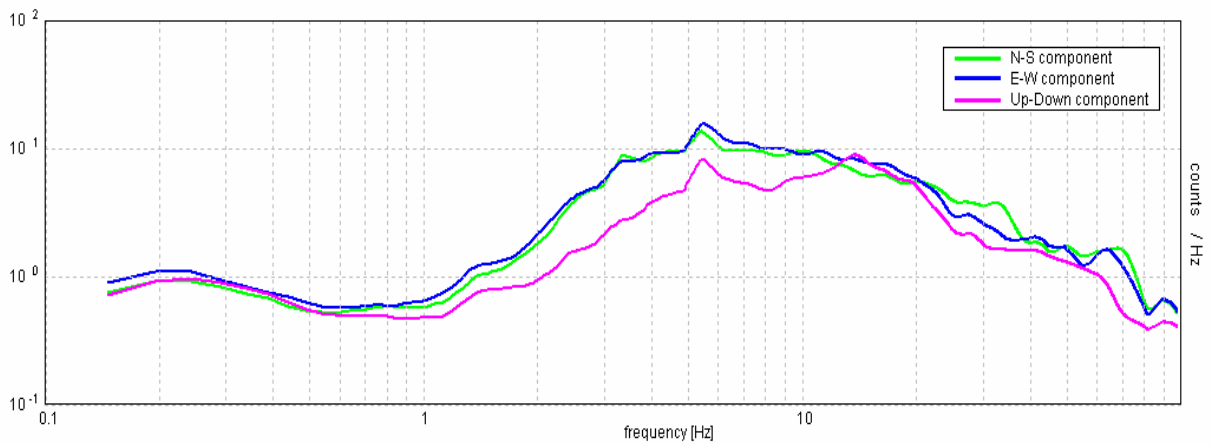
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

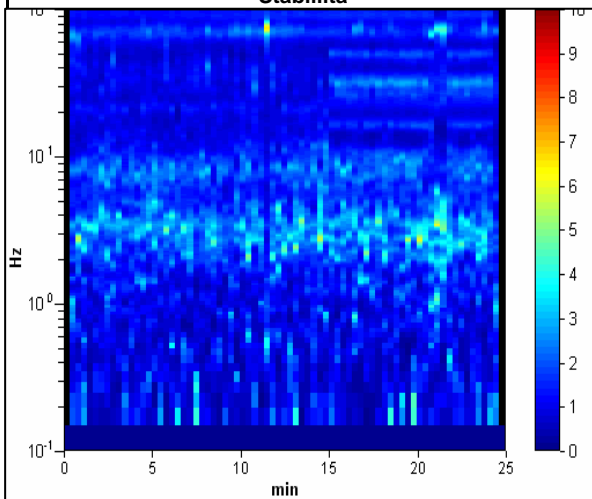
Picco HV a  $3.37 \pm 0.31$  Hz (nell'intervallo 0.0 - 18.0 Hz).



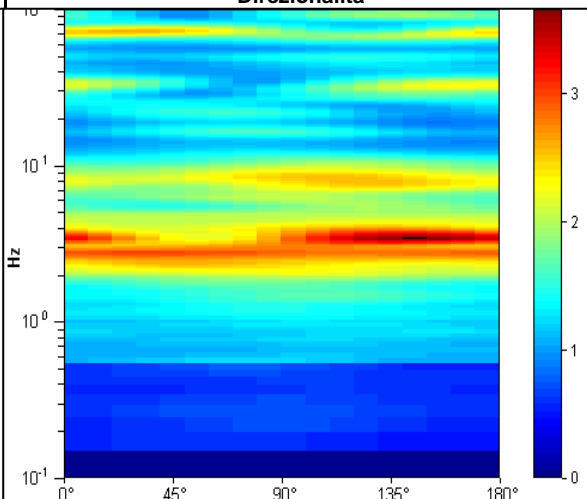
## Ampiezza spettrale



## Stabilità



## Direzionalità





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# INDAGINE HVSR H33

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Cereglio

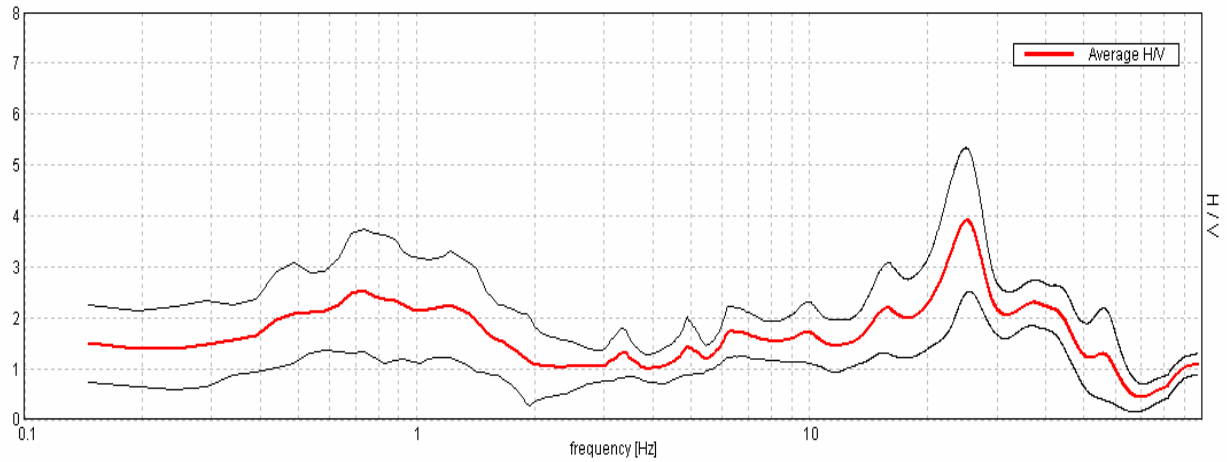
QUOTA: 710 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

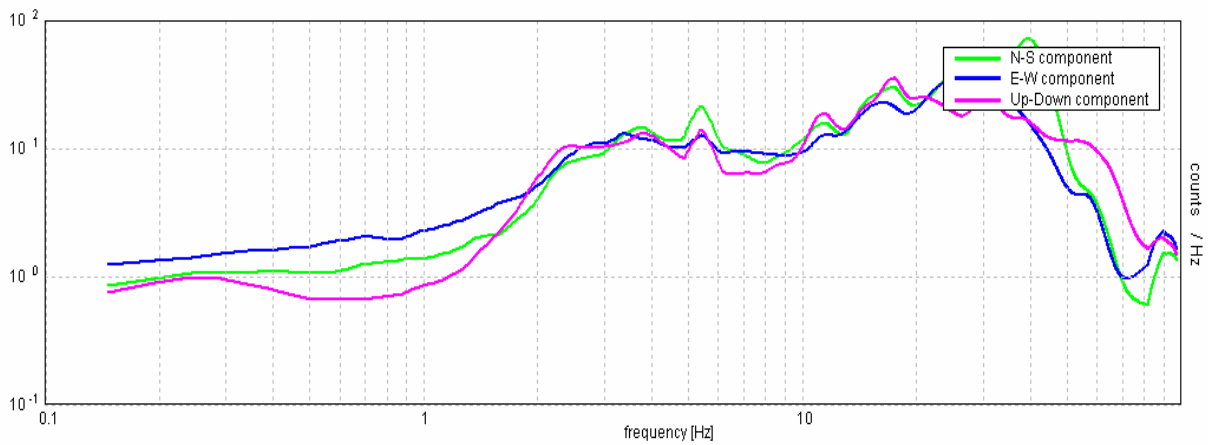
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

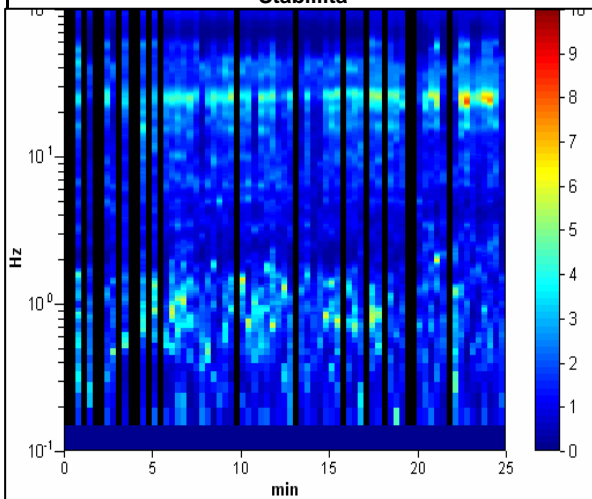
Picco HV a  $0.73 \pm 0.17$  Hz (nell'intervallo 0.0 - 18.0 Hz).



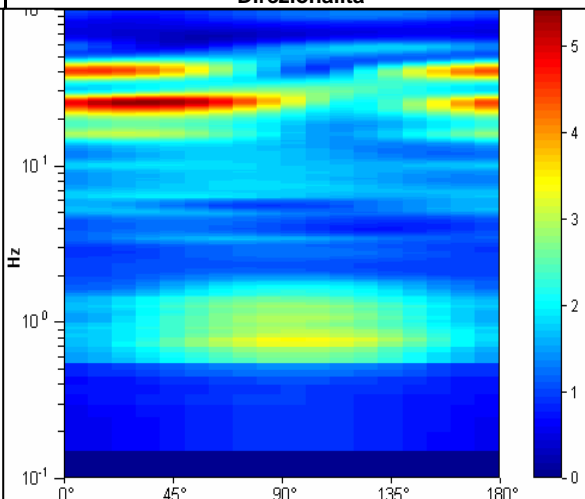
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H34

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 15-10-2013

CANTIERE: Cereglio

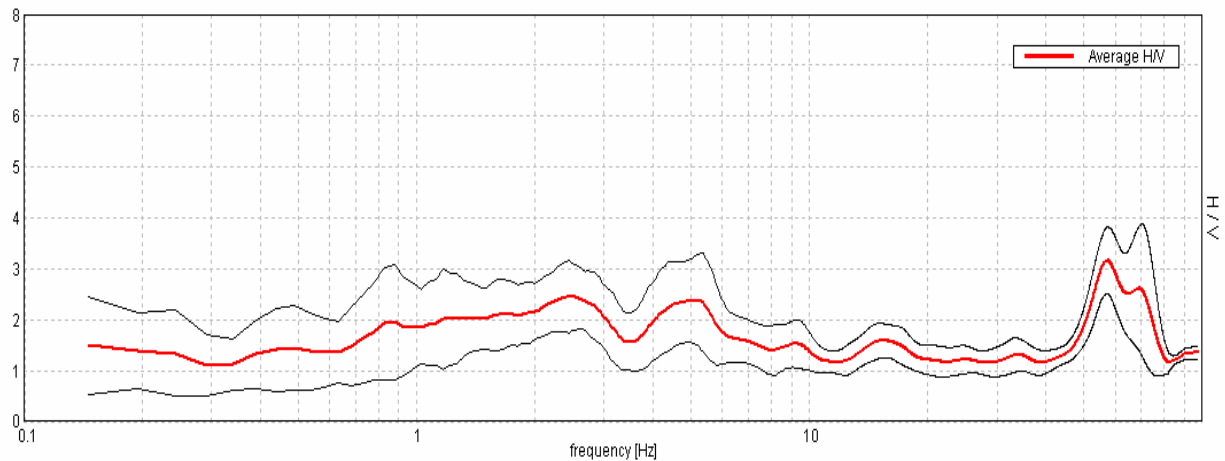
QUOTA: 625 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

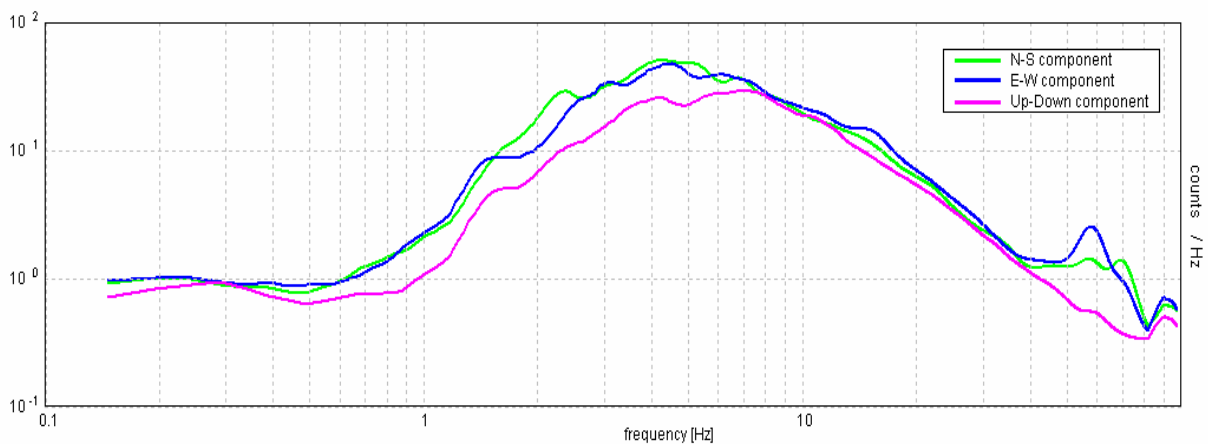
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

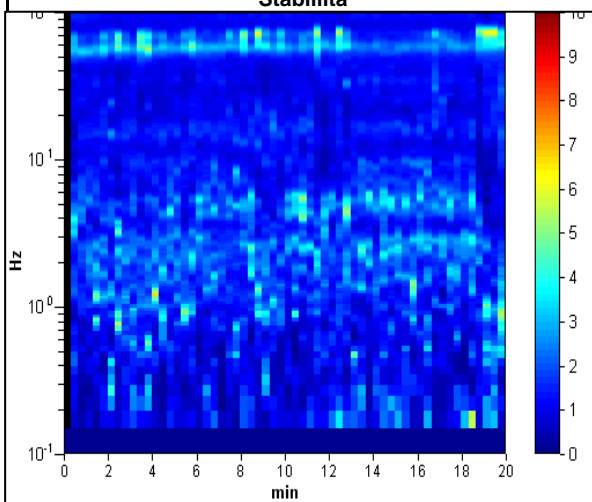
Picco HVV a  $2.44 \pm 0.8$  Hz (nell'intervallo 0.0 - 18.0 Hz).



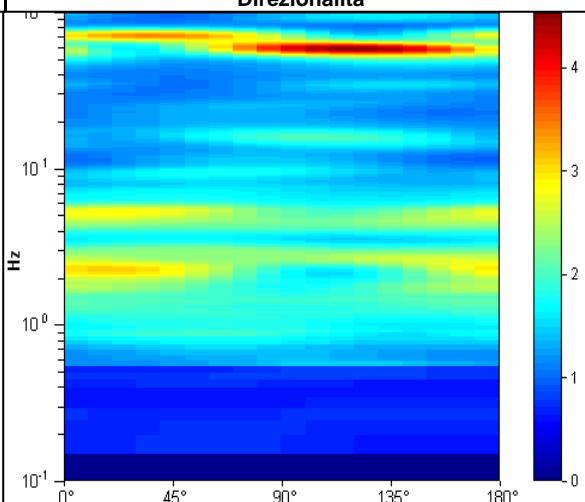
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H35

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Cereglio

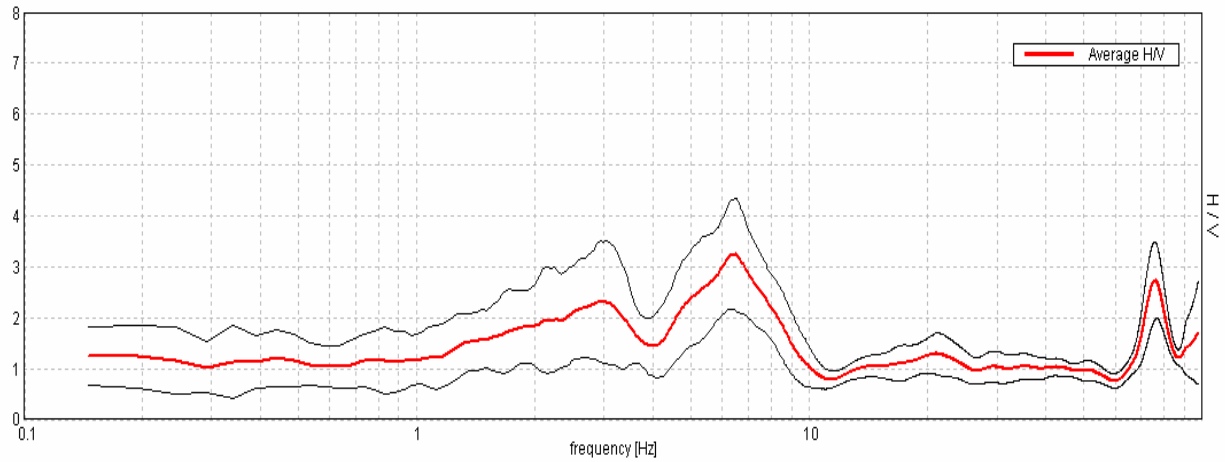
QUOTA: 650 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

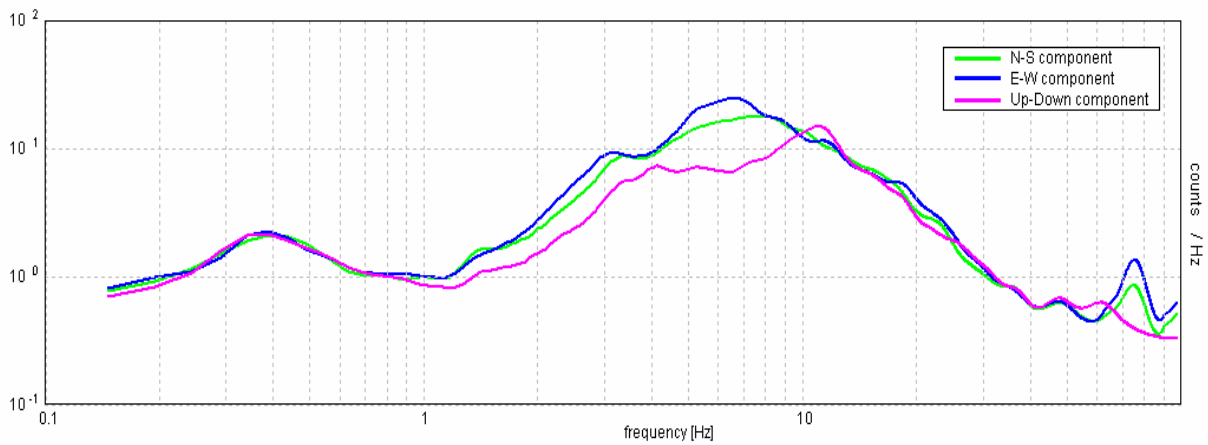
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

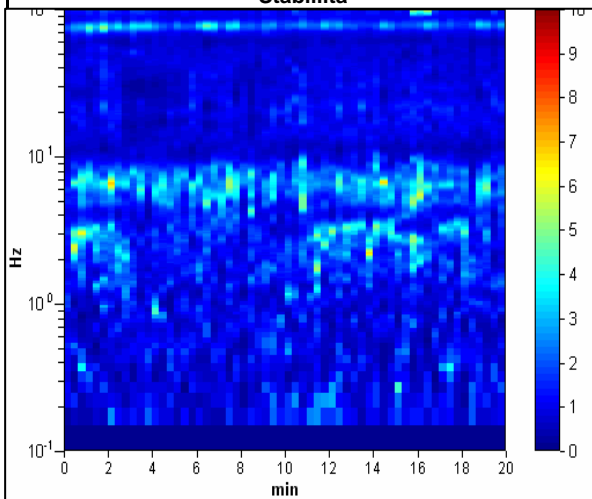
Picco HV a  $6.35 \pm 1.24$  Hz (nell'intervallo 0.0 - 18.0 Hz).



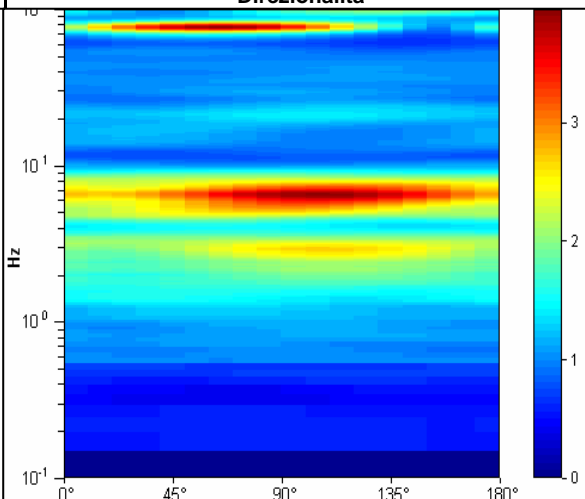
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H36

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Cereglio

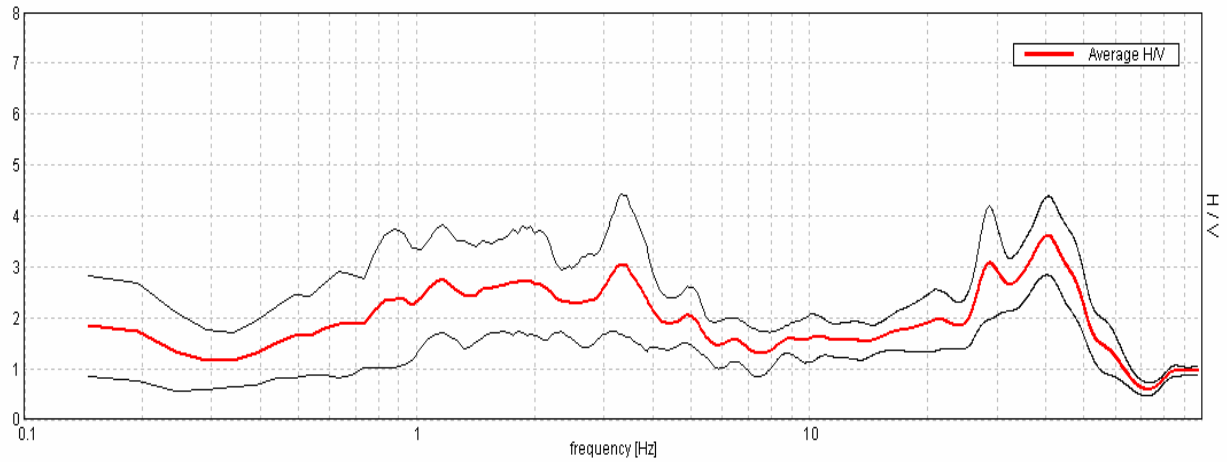
QUOTA: 600 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

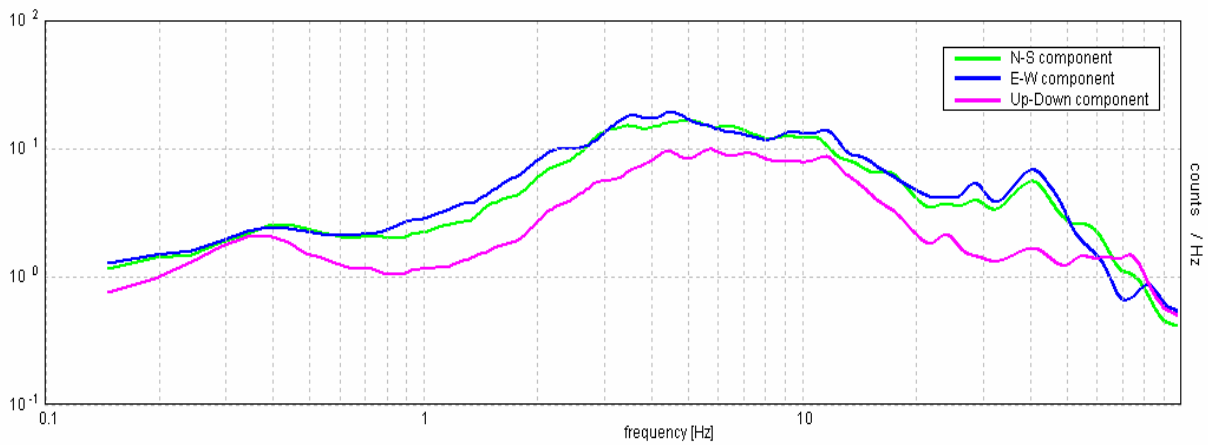
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

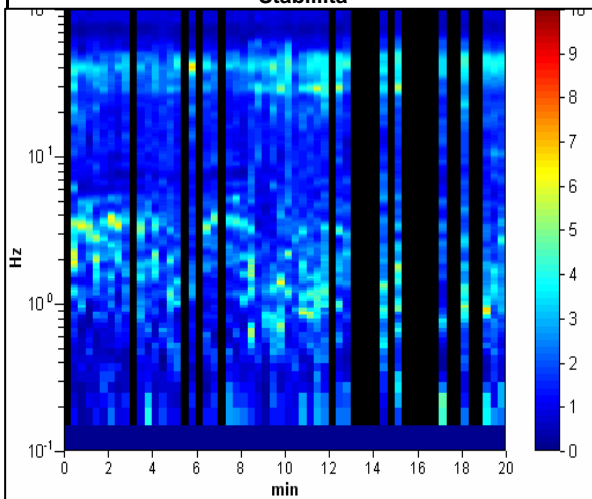
Picco HV a  $3.32 \pm 0.24$  Hz (nell'intervallo 0.0 - 18.0 Hz).



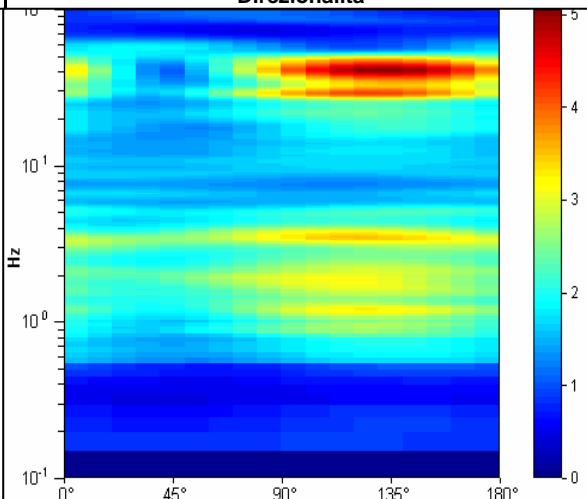
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H37

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Cereglio

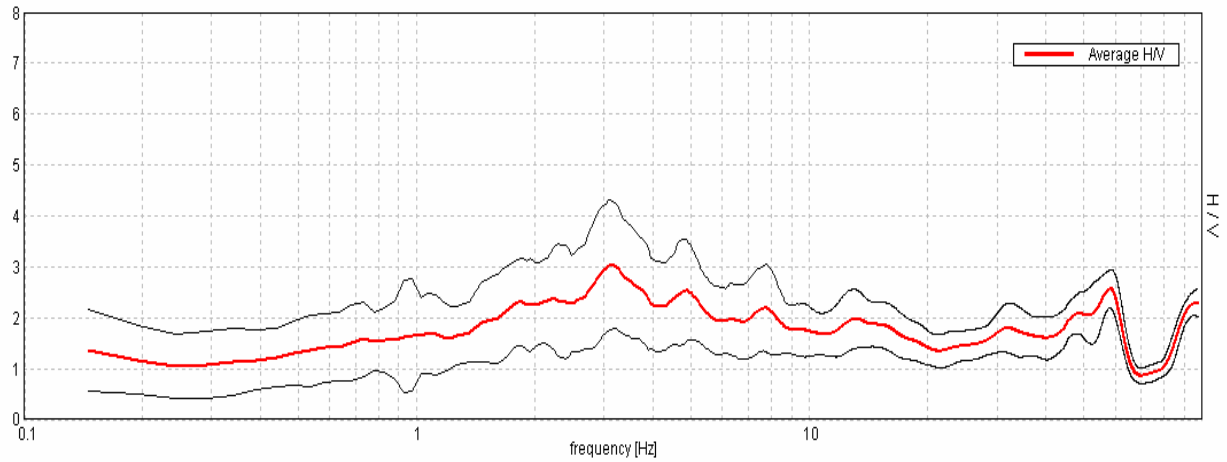
QUOTA: 610 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

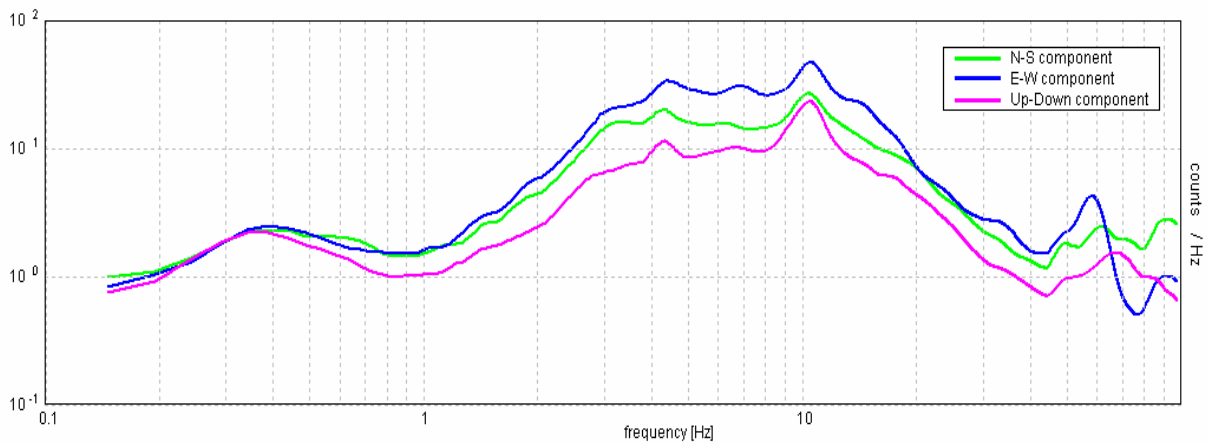
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

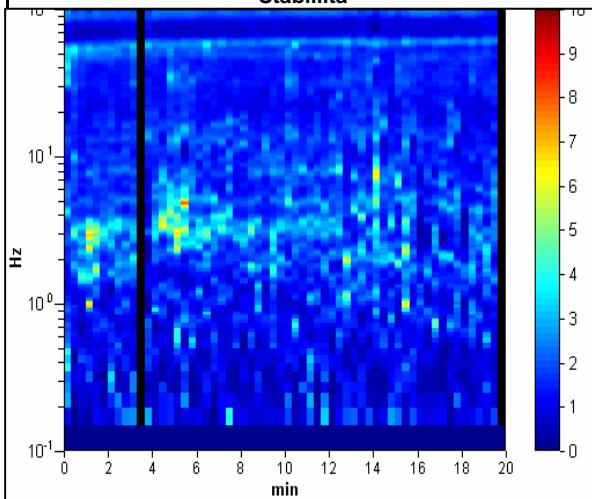
Picco HV a  $3.13 \pm 0.36$  Hz (nell'intervallo 0.0 - 18.0 Hz).



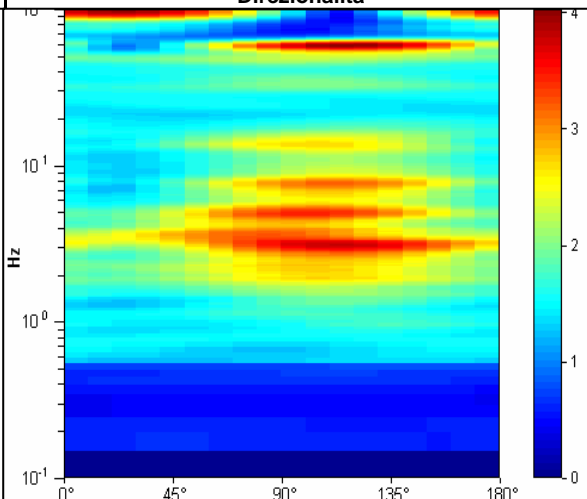
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H38

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Riola

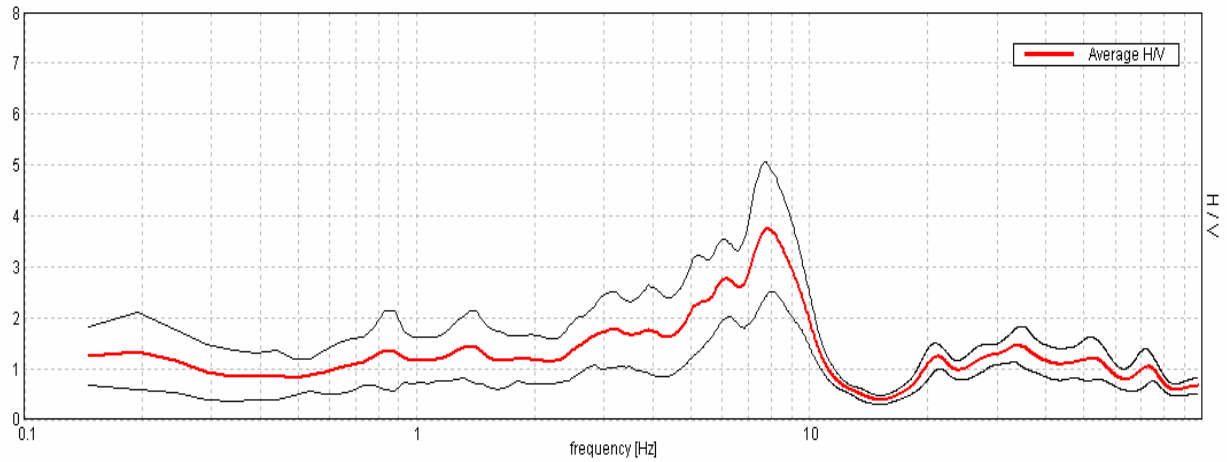
QUOTA: 295 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

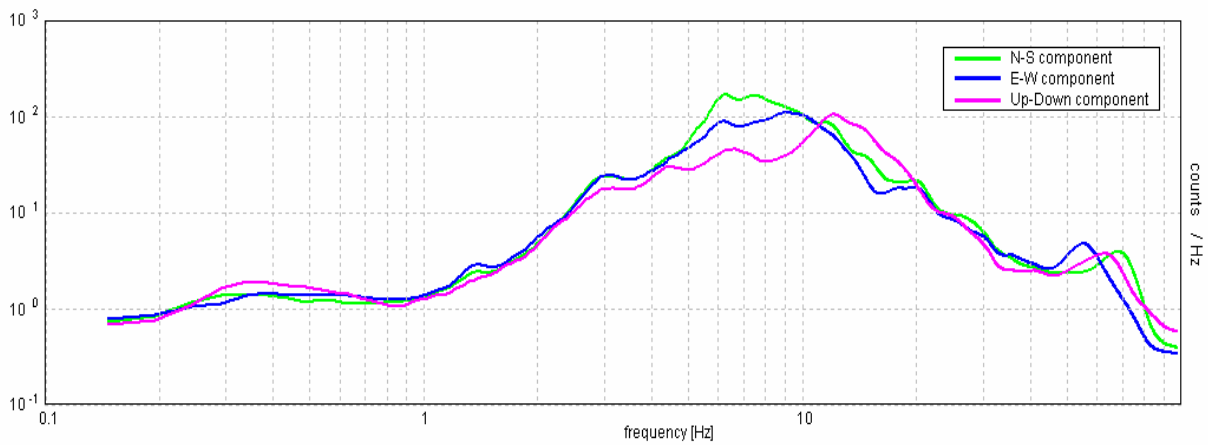
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

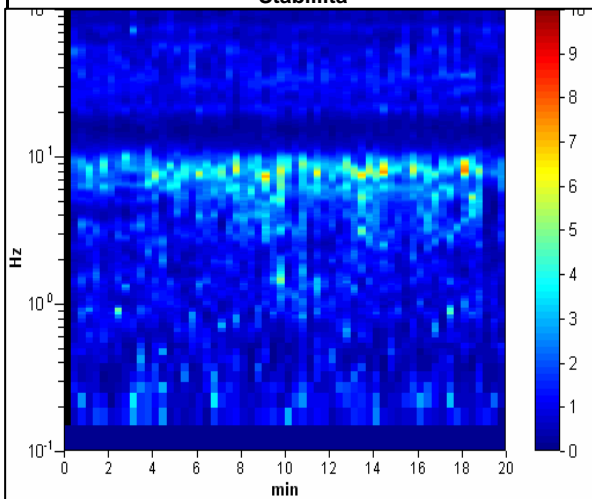
Picco HV a  $7.81 \pm 0.31$  Hz (nell'intervallo 0.0 - 18.0 Hz).



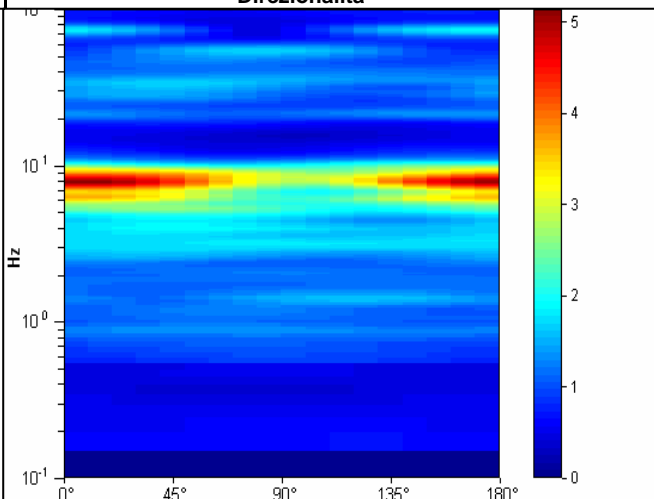
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H39

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Riola

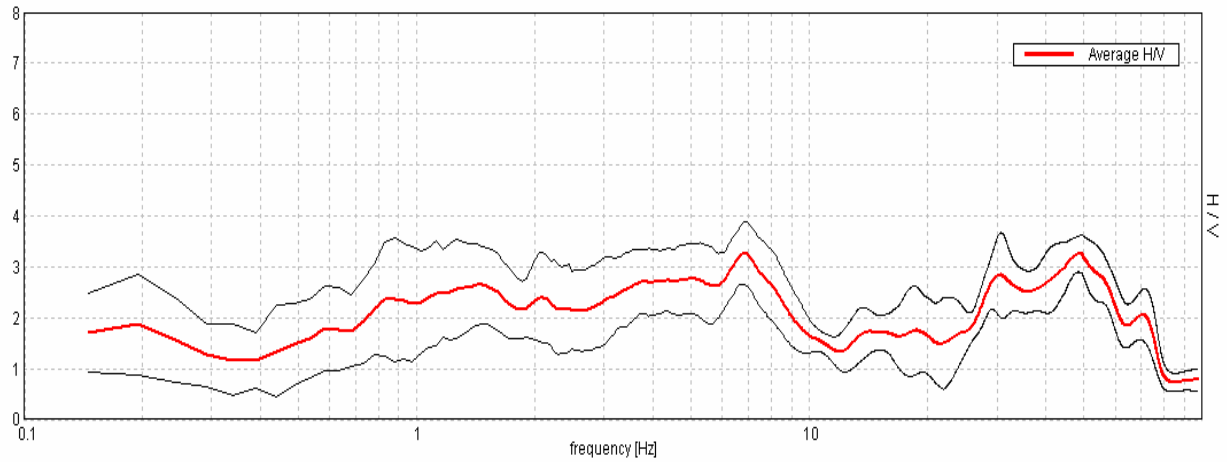
QUOTA: 320 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

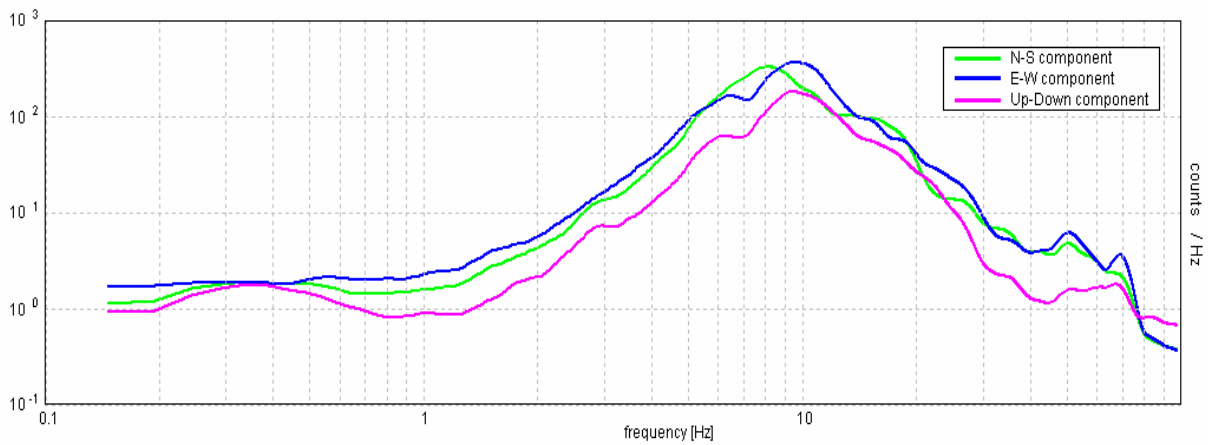
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

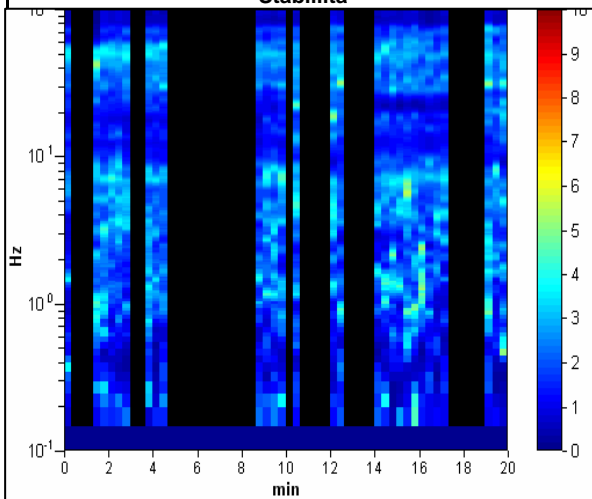
Max. HV at  $6.84 \pm 1.42$  Hz. (In the range 0.0 - 18.0 Hz).



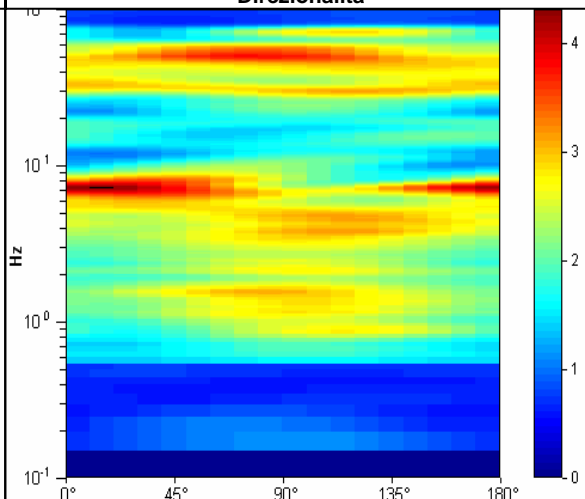
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H40

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Riola

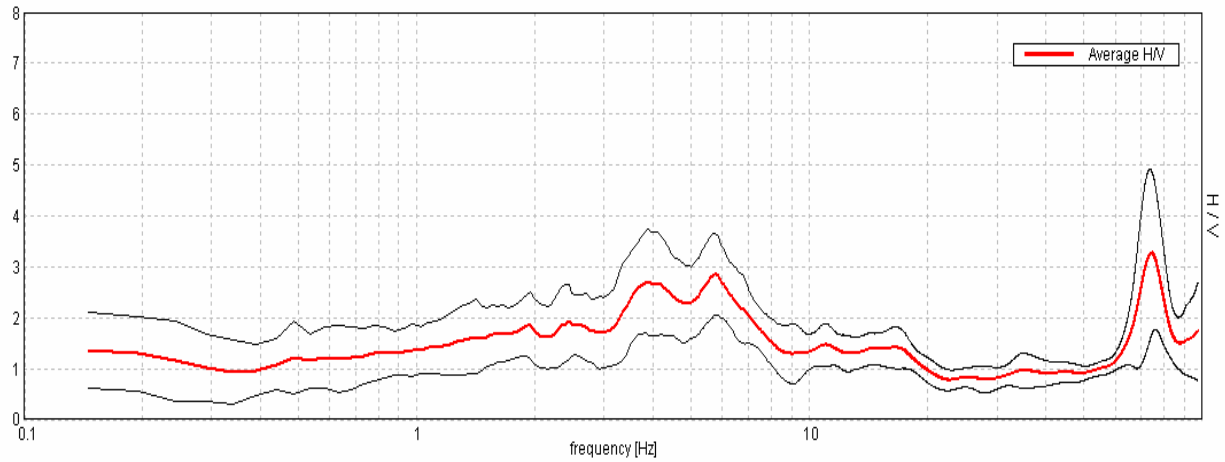
QUOTA: 305 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

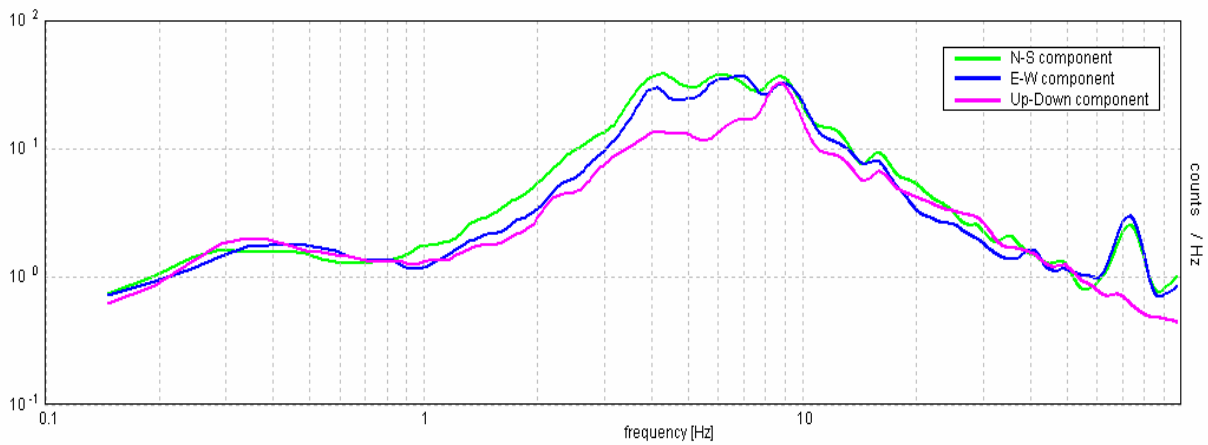
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

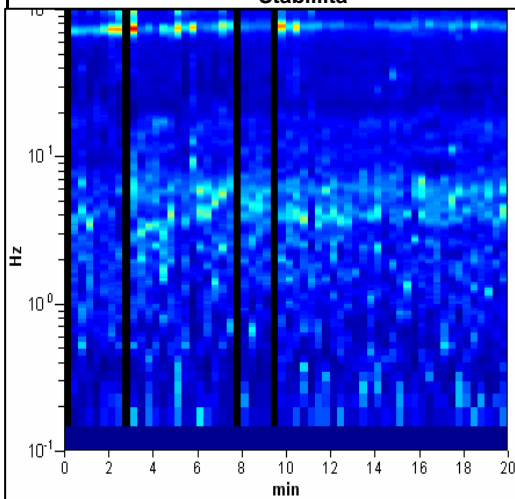
Max. HVV at 5.76 ± 1.19 Hz. (In the range 0.0 - 18.0 Hz).



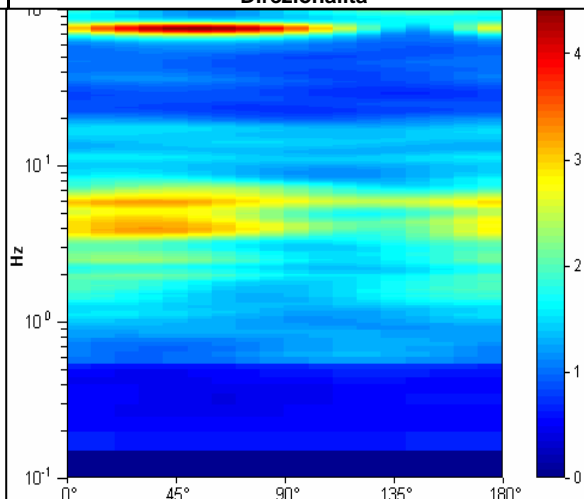
## Ampiezza spettrale



## Stabilità



## Direzionalità





**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H41

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Riola

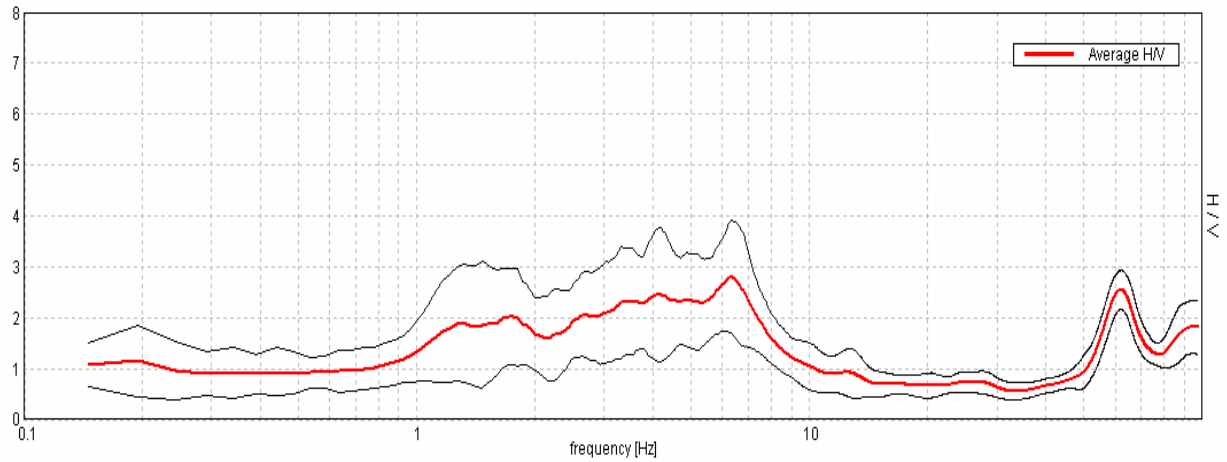
QUOTA: 270 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

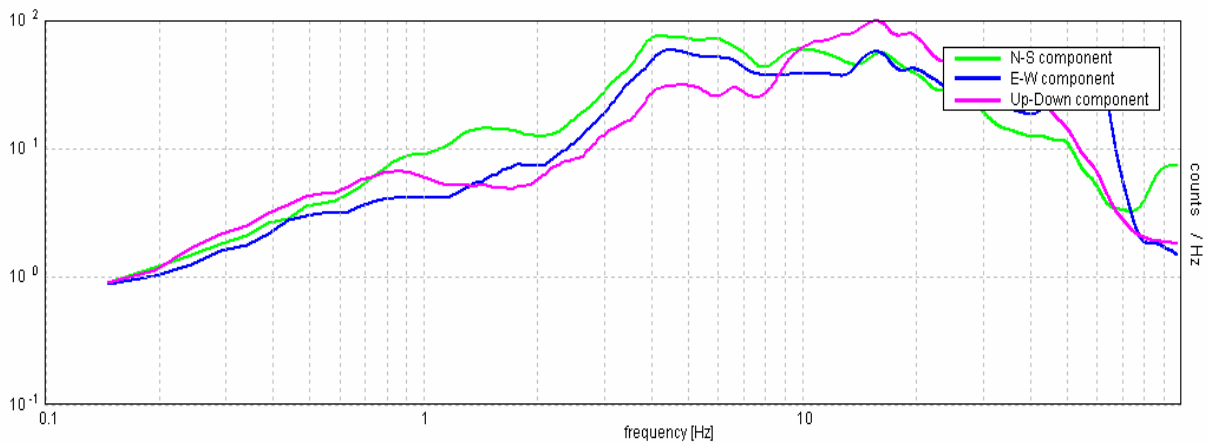
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

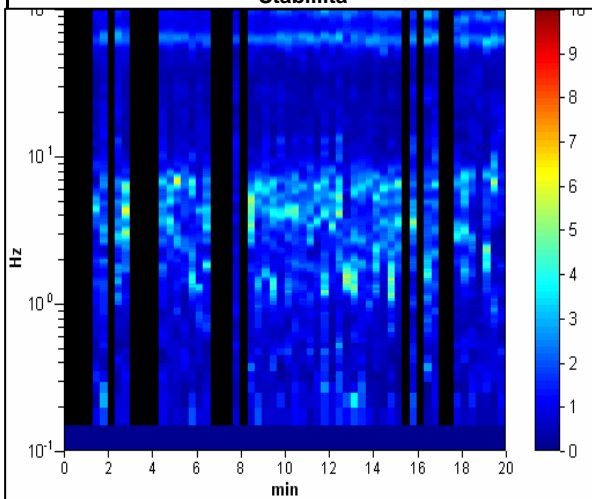
Picco HV a  $6.35 \pm 1.42$  Hz (nell'intervallo 0.0 - 18.0 Hz).



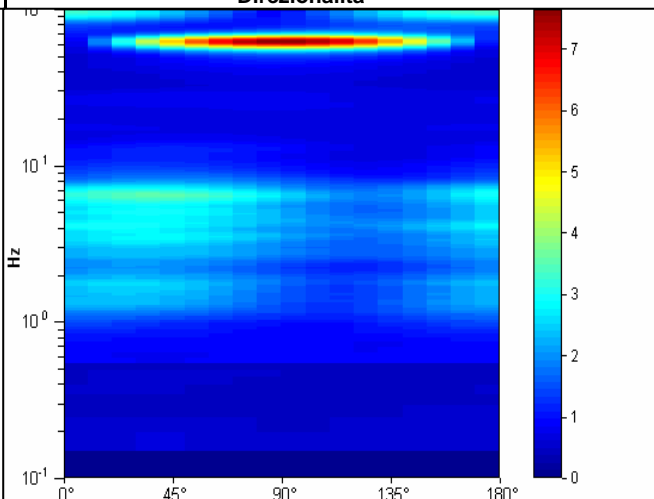
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H42

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

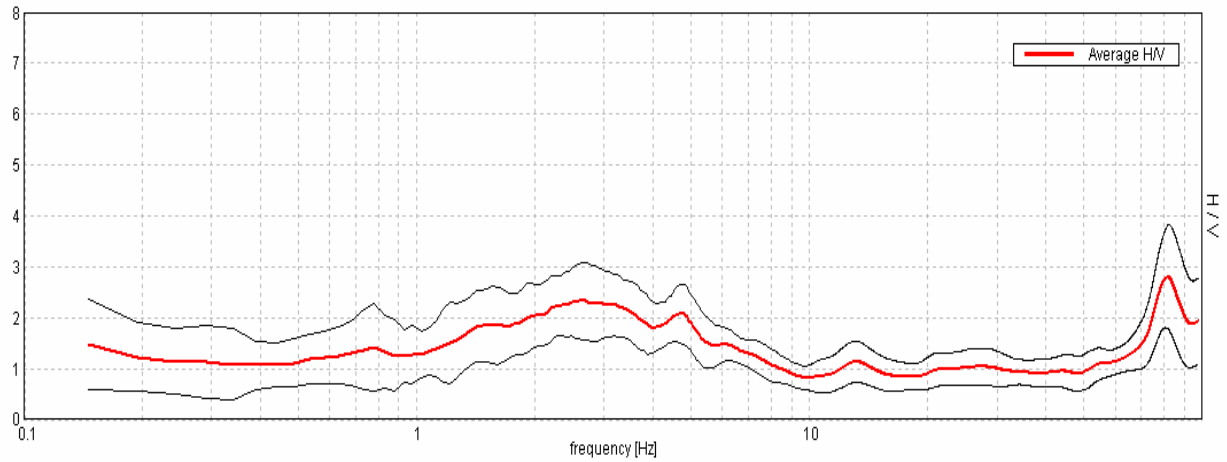
QUOTA: 230 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

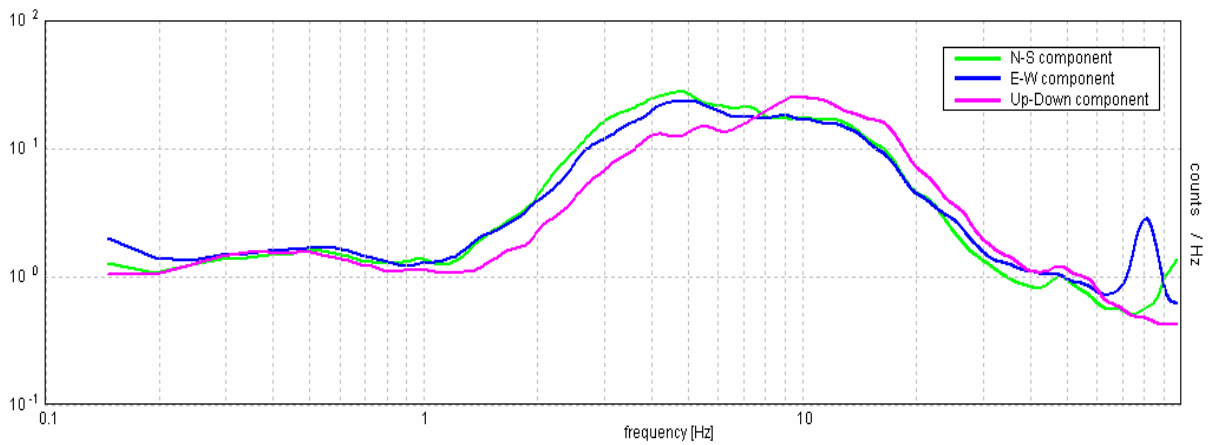
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

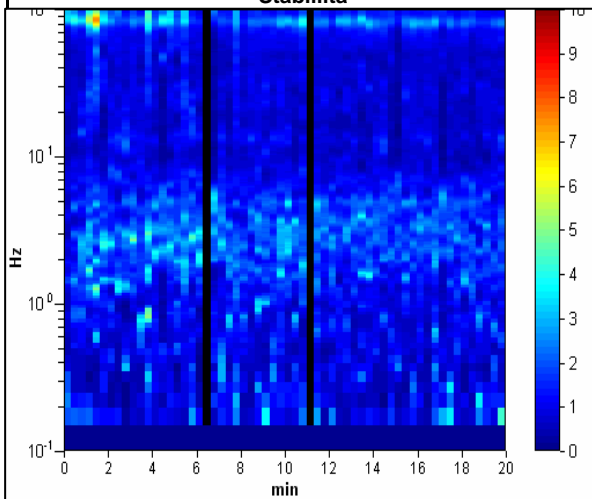
Picco HV a  $2.64 \pm 0.46$  Hz (nell'intervallo 0.0 - 18.0 Hz).



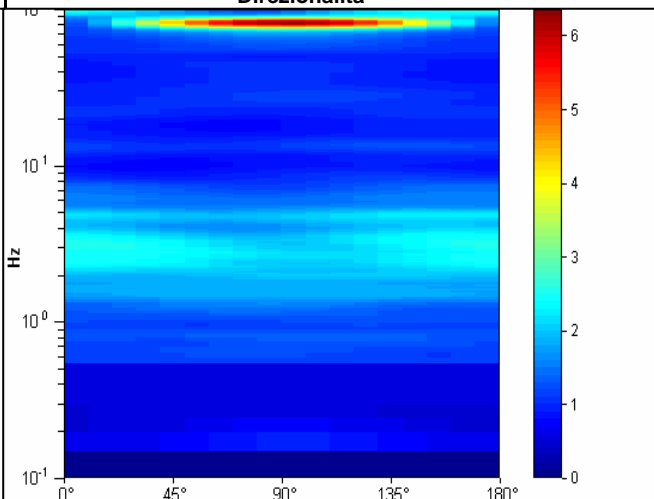
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H43

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

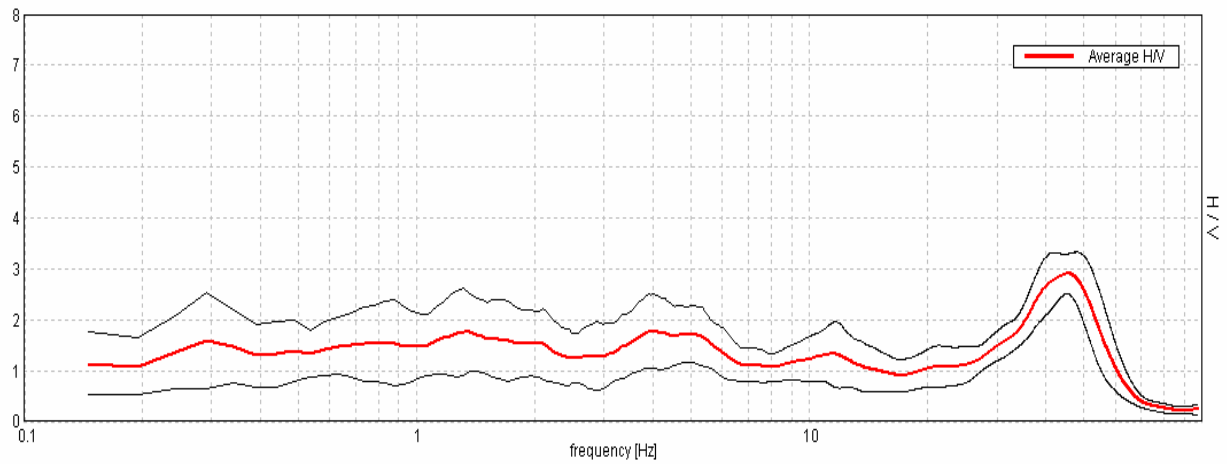
QUOTA: 205 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

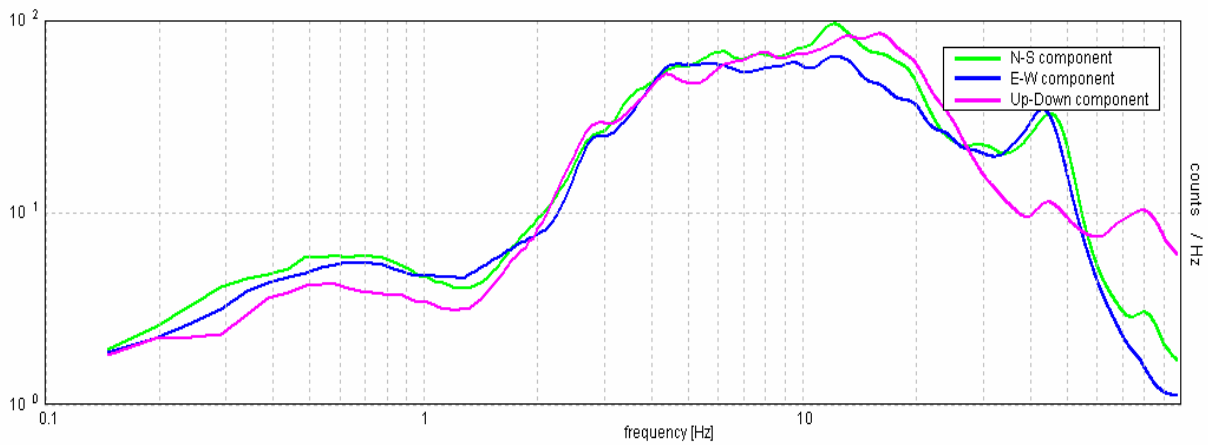
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

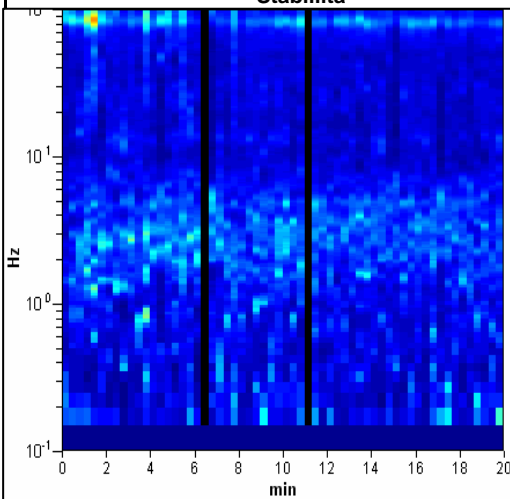
Picco HV a  $3.91 \pm 2.37$  Hz (nell'intervallo 0.0 - 18.0 Hz).



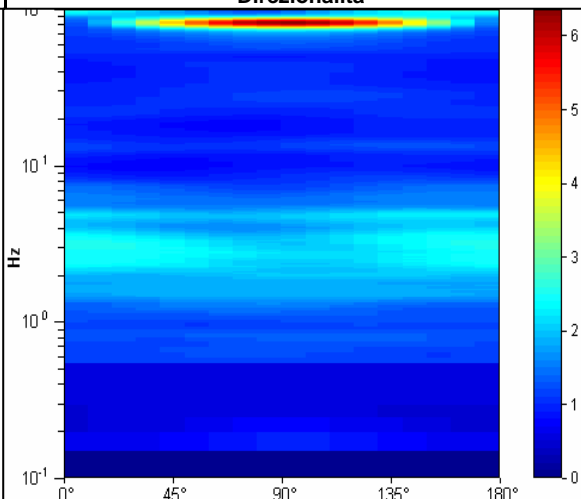
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H44

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

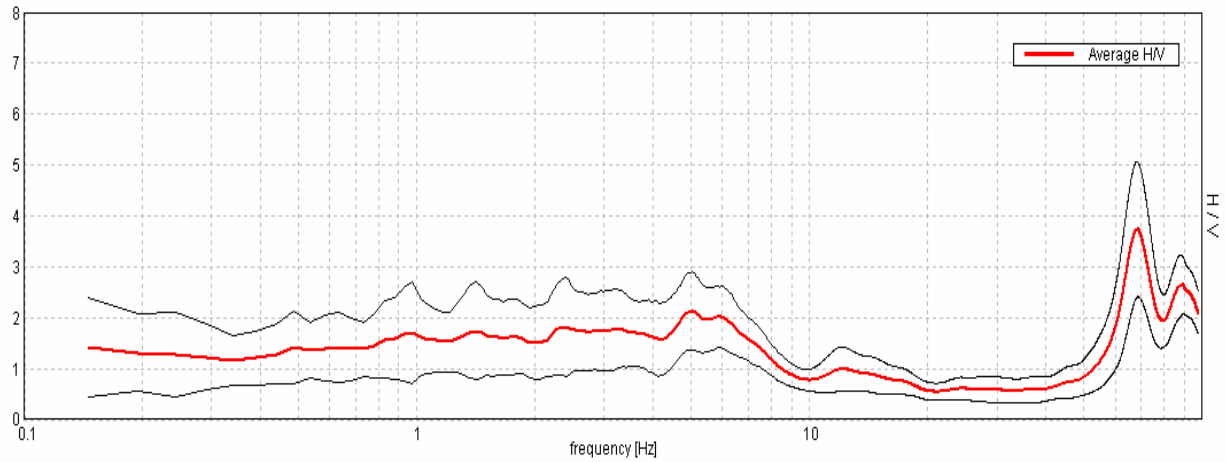
QUOTA: 220 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

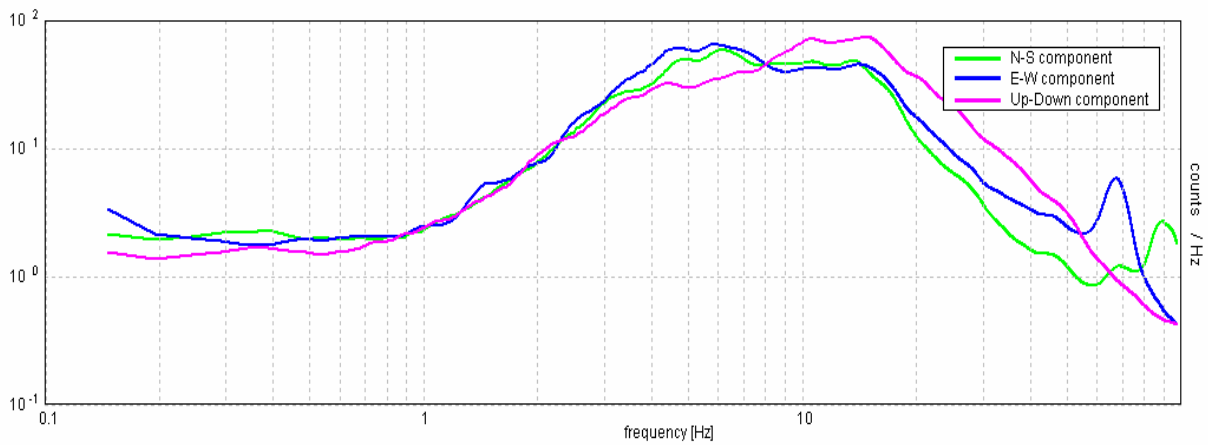
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

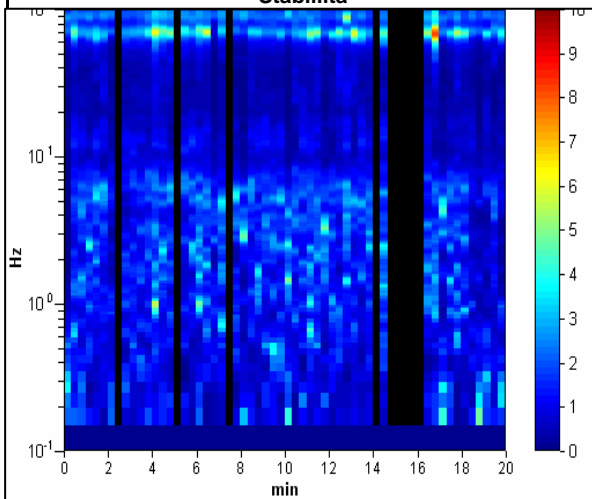
Picco HV a  $5.03 \pm 1.42$  Hz (nell'intervallo 0.0 - 18.0 Hz).



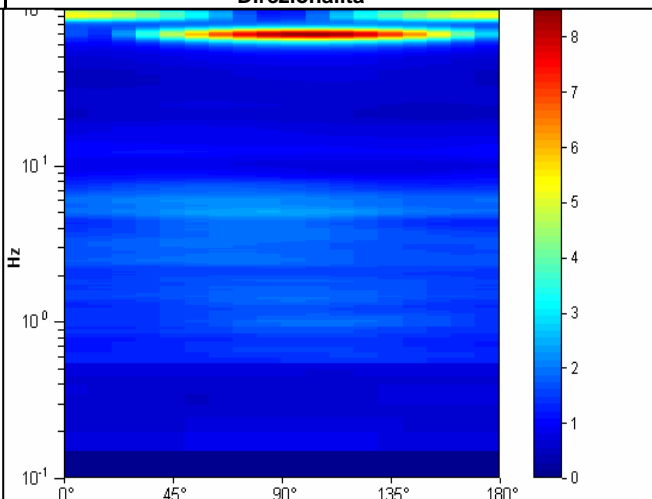
## Ampiezza spettrale



## Stabilità



## Direzionalità



STUDIO GEOLOGICO CENTROGEO  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H45

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

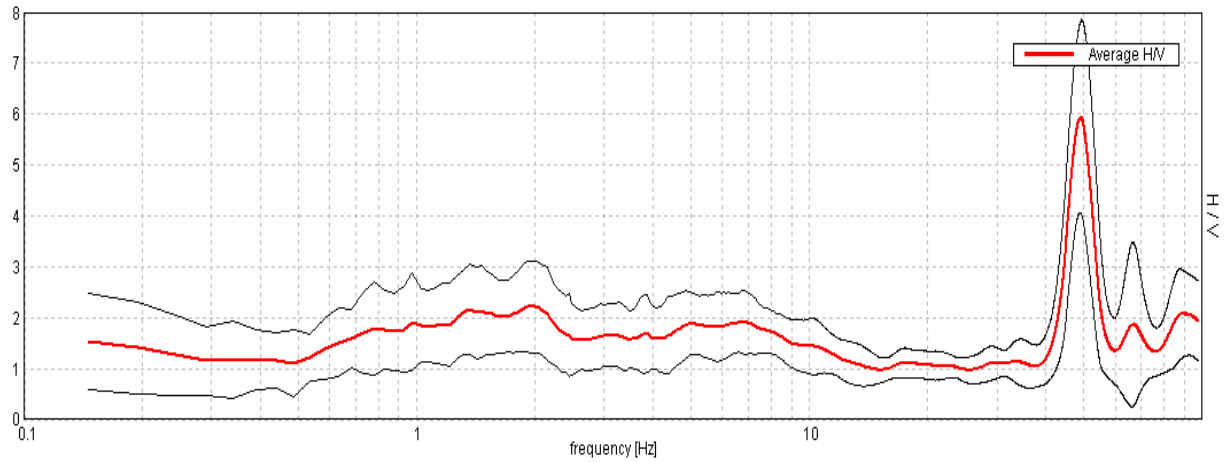
QUOTA: 220 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

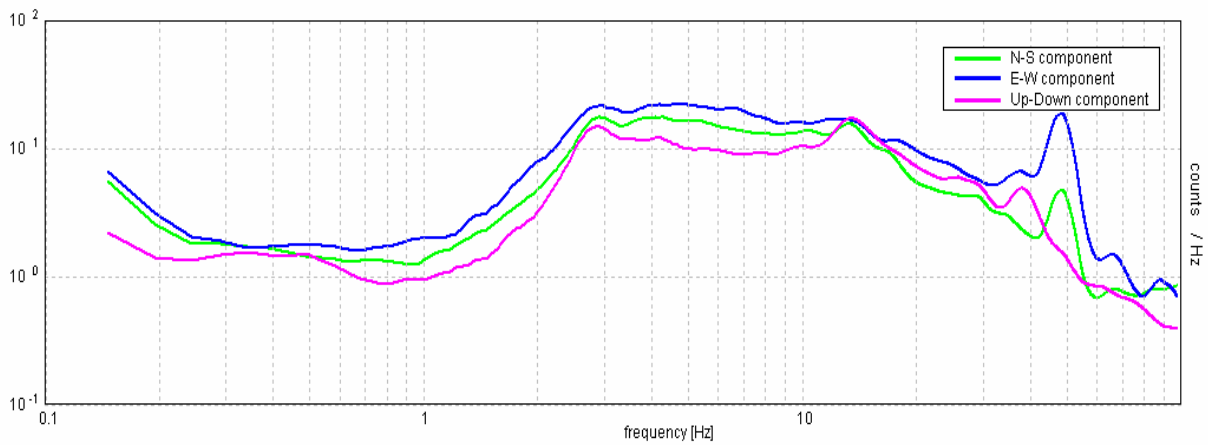
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

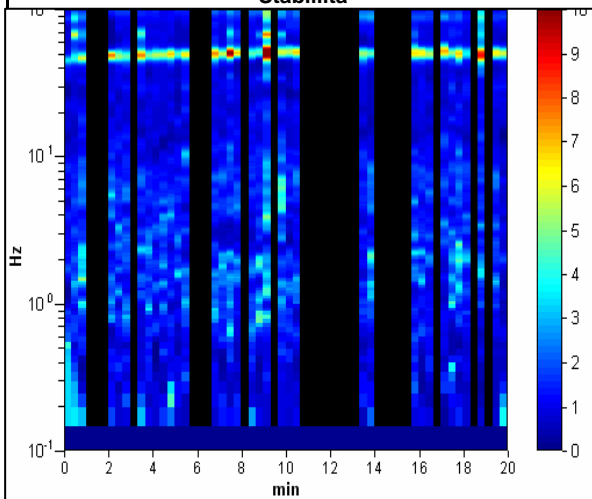
Max. HV at  $1.9 \pm 0.89$  Hz. (In the range 0.0 - 18.0 Hz).



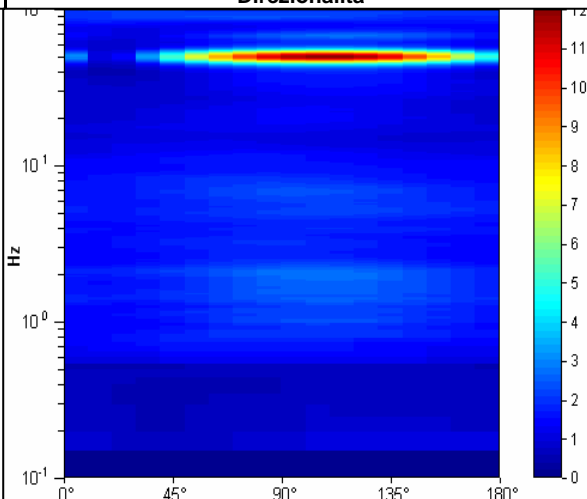
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H46

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

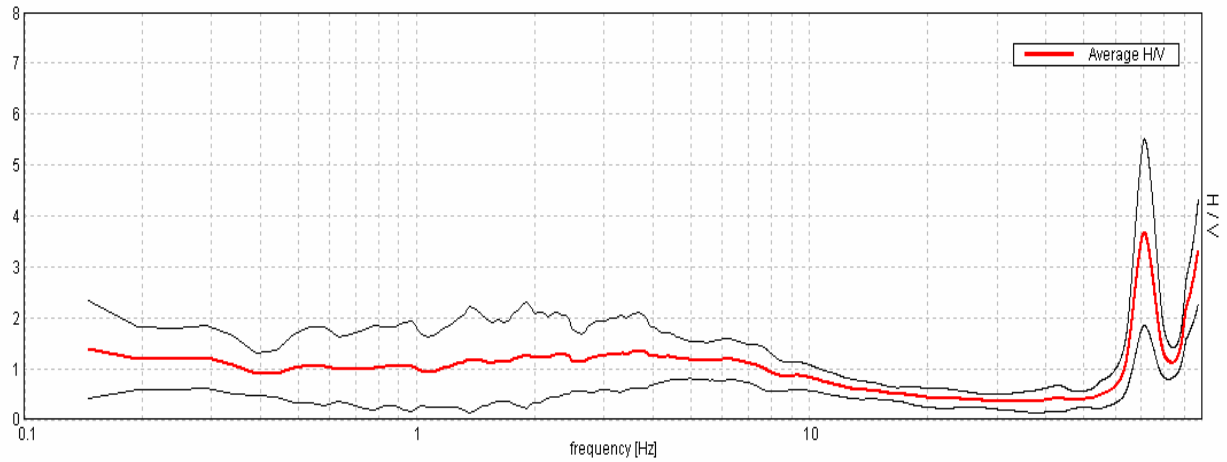
QUOTA: 205 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

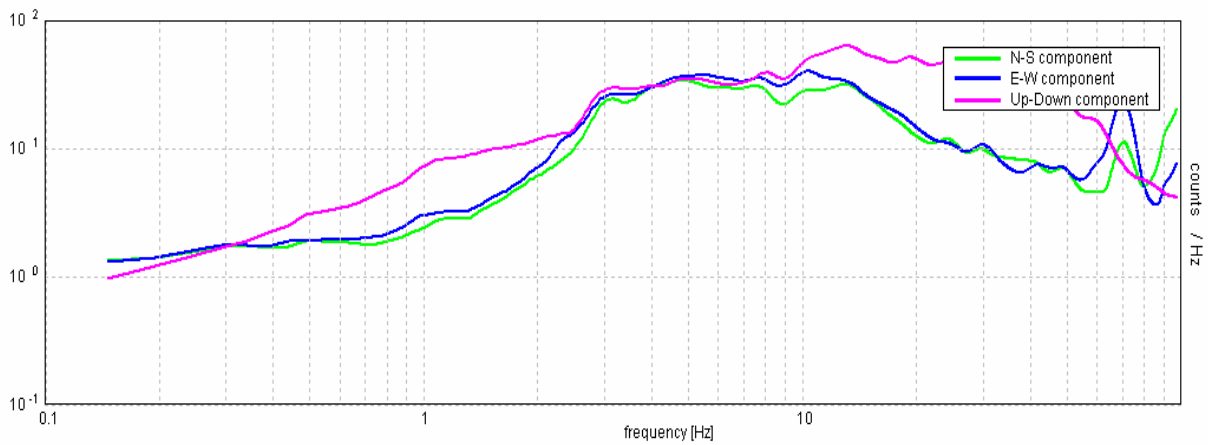
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

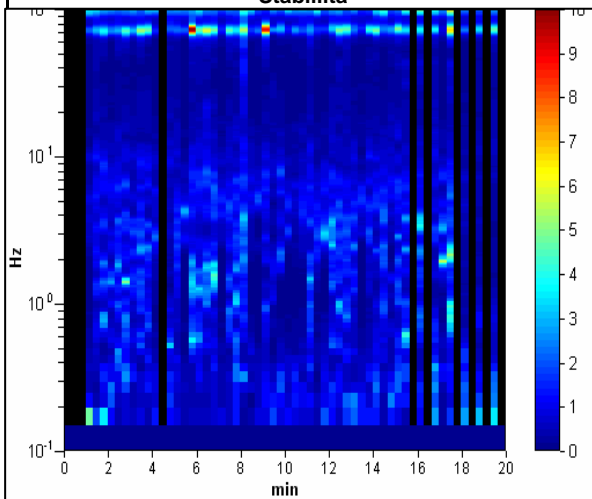
Picco HV a  $0.15 \pm 2.08$  Hz (nell'intervallo 0.0 - 18.0 Hz).



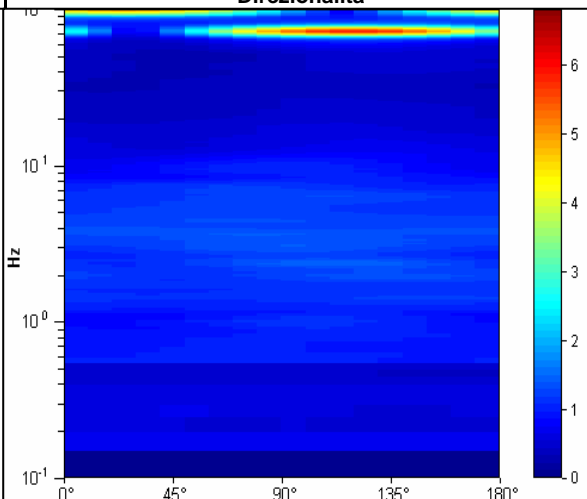
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H47

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

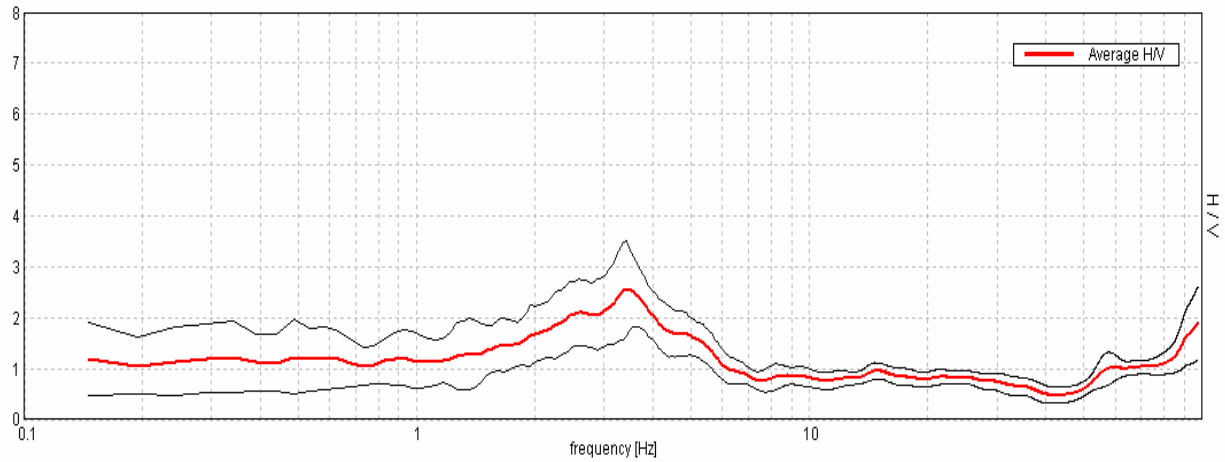
QUOTA: 205 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

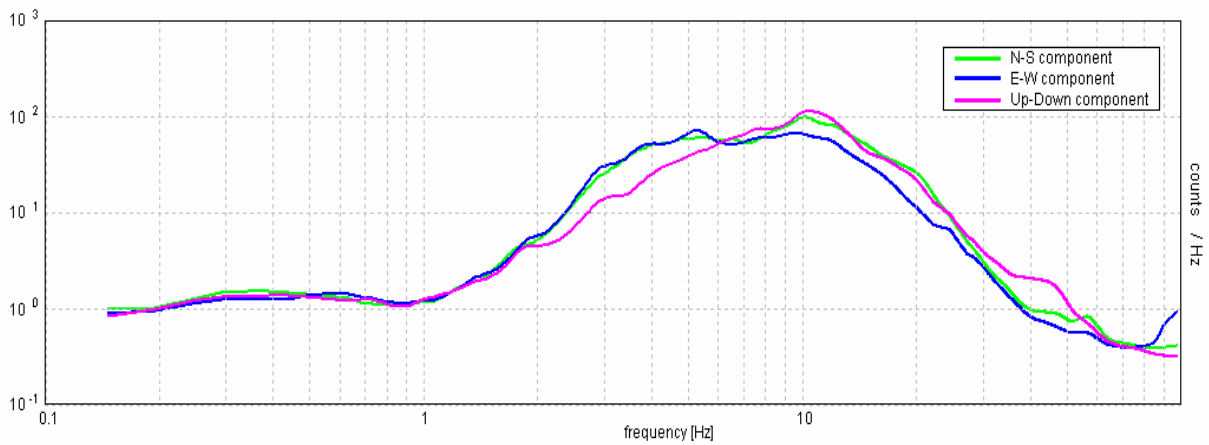
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

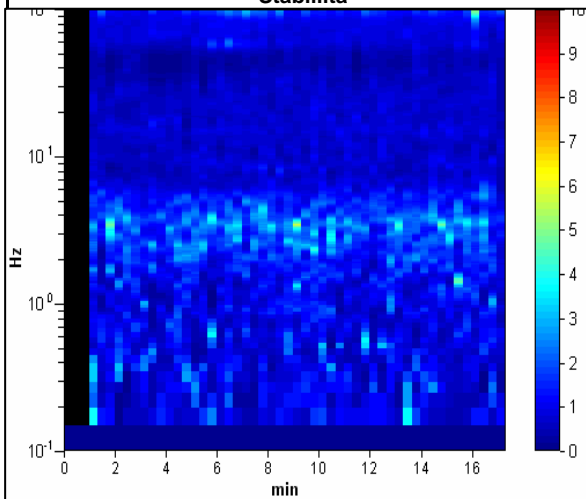
Picco HV a  $3.42 \pm 0.67$  Hz (nell'intervallo 0.0 - 18.0 Hz).



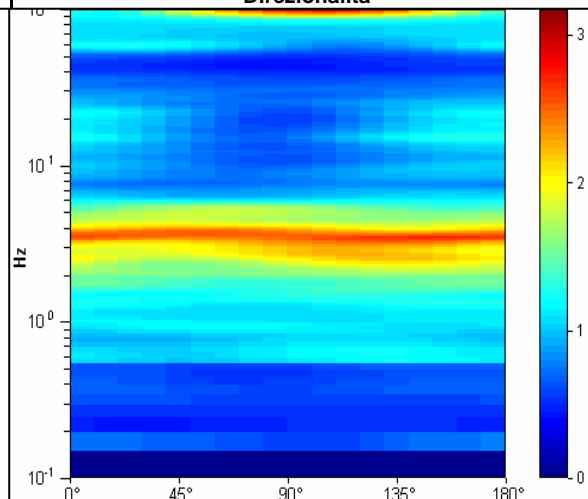
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H48

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

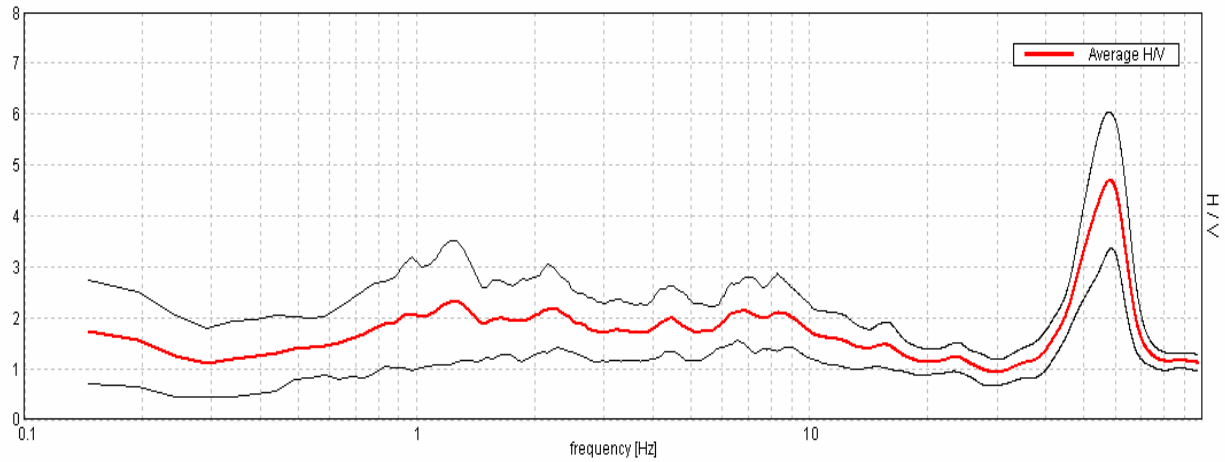
QUOTA: 245 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

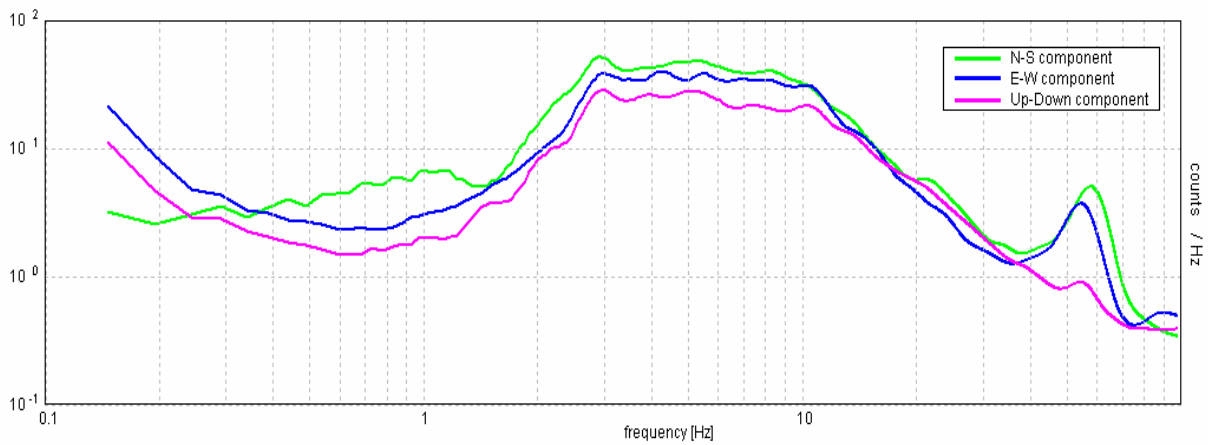
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

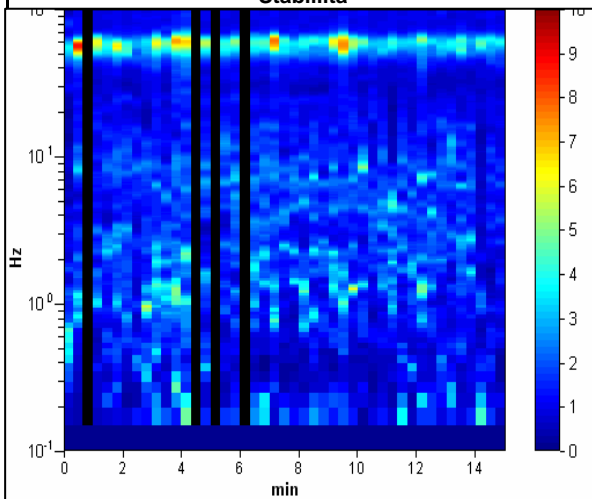
Picco HV a  $1.27 \pm 0.27$  Hz (nell'intervallo 0.0 - 18.0 Hz).



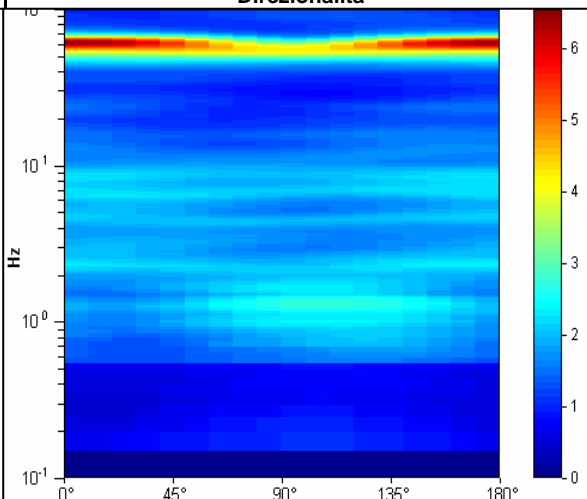
## Ampiezza spettrale



## Stabilità



## Direzionalità





**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H49

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

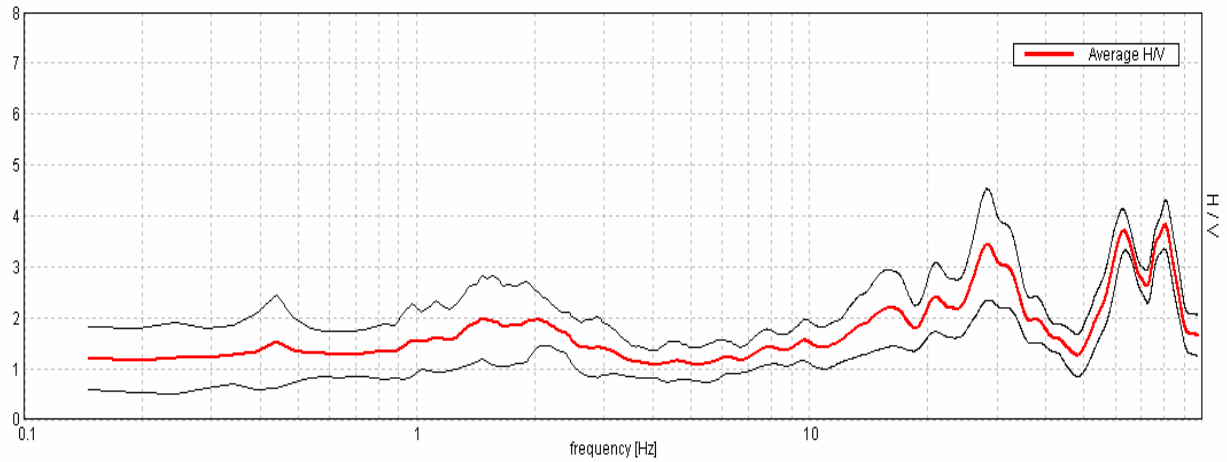
QUOTA: 240 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

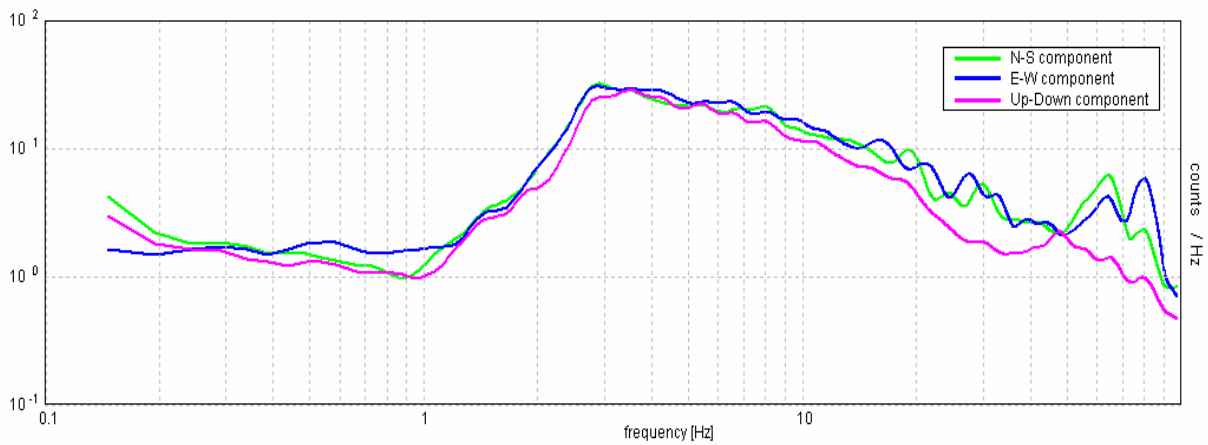
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

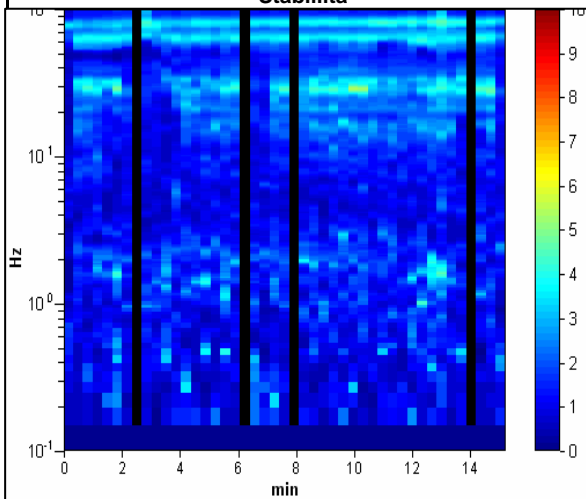
Picco HV a  $15.82 \pm 11.23$  Hz (nell'intervallo 0.0 - 18.0 Hz).



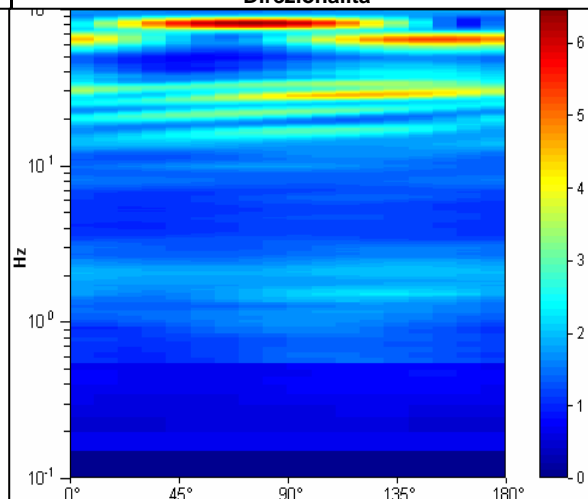
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H50

LOCALITA': Vergato (BO)

COMMITTENTE: Amm. Comunale

DATA: 16-10-2013

CANTIERE: Vergato

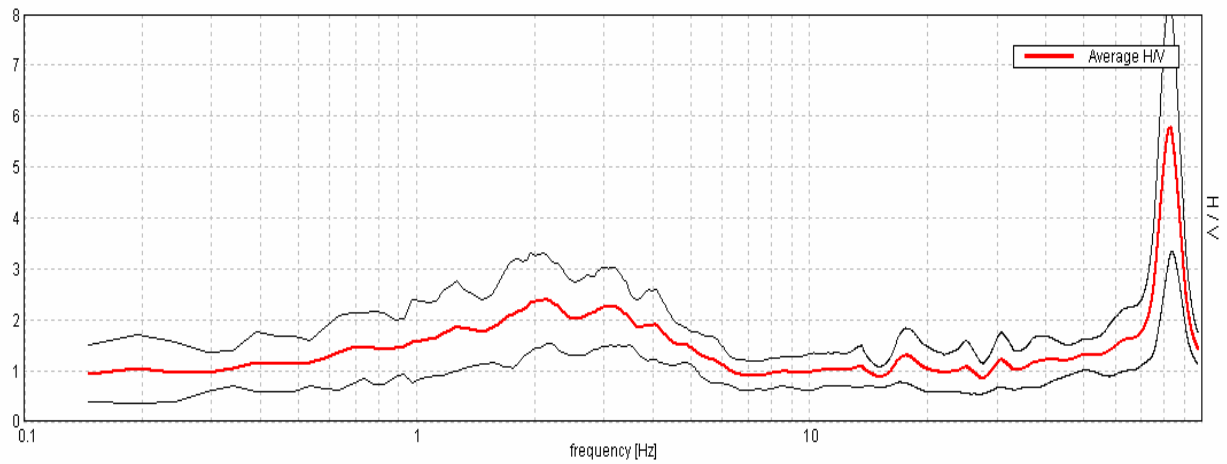
QUOTA: 210 m. s.l.m.

OPERATORI: Mazzetti M. - Arbizzi A.

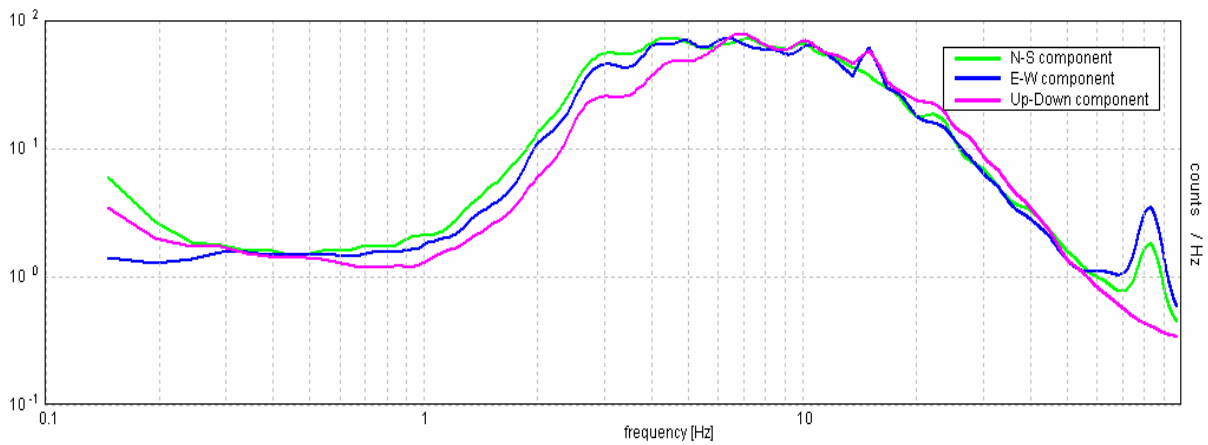
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

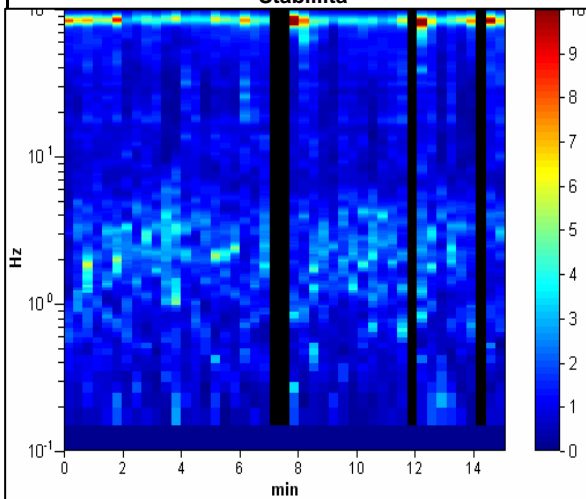
Picco HV a  $2.15 \pm 0.45$  Hz (nell'intervallo 0.0 - 18.0 Hz).



## Ampiezza spettrale



## Stabilità



## Direzionalità

