**Vertical channel (2000 V/m/sec)**

f – frequency in Hz

|  |  |  |
| --- | --- | --- |
| **P**1 | -0.0002 | 0j |
| **P**2, 3, 4, 5, 6, 7 | 0.0042 | ±0.0042j |
| **P**8, 9 | 50.0 | ±50j |
| **P**10, 11 | 56.0641 | ±56.0641j |
| **P**12 | -112.2068 | 0j |

**Horizontal channel (2000 V/m/sec)**

f – frequency in Hz

|  |  |  |
| --- | --- | --- |
| **P**1 | -0.0003 | 0j |
| **P**2, 3, 4, 5, 6, 7 | 0.0041 | ±0.0041j |
| **P**8, 9 | 30.0 | ±30j |
| **P**10, 11 | 67.6107 | ±67.6107j |
| **P**12 | -271.4132 | 0j |

**Laplace**

**Vertical channel (2000 V/m/sec)**

s - Laplace variable

|  |  |  |
| --- | --- | --- |
| **S**1 | -0.0013 | 0j |
| **S**2, 3, 4, 5, 6, 7 | 0.0264 | ±0.0264j |
| **S**8, 9 | 314.1593 | ±314.1593j |
| **S**10, 11 | 352.2611 | ±352.2611j |
| **S**12 | -705.0161 | 0j |

**Horizontal channel (2000 V/m/sec)**

s - Laplace variable

|  |  |  |
| --- | --- | --- |
| **S**1 | -0.0019 | 0j |
| **S**2, 3, 4, 5, 6, 7 | 0.0258 | ±0.0258j |
| **S**8, 9 | 188.4956 | ±188.4956j |
| **S**10, 11 | 424.8106 | ±424.8106j |
| **S**12 | -1705.3394 | 0j |