~~声速固定为1500时：~~

~~1.信源坐标（-20，20，-4000）~~

|  |  |  |  |
| --- | --- | --- | --- |
|  | ~~X~~ | ~~Y~~ | ~~Z~~ |
| ~~Matlab~~ | ~~-19.8761~~ | ~~20.3490~~ | ~~-3999.6800~~ |
| ~~VS~~ | ~~-19.8762~~ | ~~20.3491~~ | ~~-3999.6988~~ |

~~2.信源坐标（-707.1068，707.1068，-1000）~~

|  |  |  |  |
| --- | --- | --- | --- |
|  | ~~X~~ | ~~Y~~ | ~~Z~~ |
| ~~Matlab~~ | ~~-707.0369~~ | ~~707.1612~~ | ~~-999.6304~~ |
| ~~VS~~ | ~~-707.0979~~ | ~~707.2222~~ | ~~-999.7165~~ |

声速为声速剖面取得

1.信源坐标（-20，20，-4000）

|  |  |  |  |
| --- | --- | --- | --- |
|  | X | Y | Z |
| Matlab | -19.2800 | 19.7387 | -3994.7257 |
| VS | -19.2801 | 19.7388 | -3994.7446 |

2.信源坐标（-707.1068，707.1068，-1000）

载体坐标系下（-903.0254，651.7115，-868.9429）

|  |  |  |  |
| --- | --- | --- | --- |
|  | X | Y | Z |
| Matlab | 689.1839 | 689.3051 | -1026.4036 |
| VS | 689.2418 | 689.3629 | -1026.4919 |