

**File 1\_60781\_6.2.1,6.2.8**

| <u>Step</u> | <u>Time</u>                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------|
| 6.2.1       | 4s                                                                                                        |
| 6.2.2       | 6-10s                                                                                                     |
| 6.2.3       | 11s                                                                                                       |
| 6.2.4       | 14-15s                                                                                                    |
| 6.2.5       | 16s                                                                                                       |
| 6.2.6       | 17s                                                                                                       |
| 6.2.7       | Not applicable for this type of signal. As mentioned in the manuscript, this is only for calcium signals. |
| 6.2.8       | 44-47s                                                                                                    |

**File 2\_60781\_6.3.1,6.3.3**

| <u>Step</u> | <u>Time</u> |
|-------------|-------------|
| 6.3.1       | 4-23s       |
| 6.3.2       | 24-34s      |
| 6.3.3       | 35-44s      |

**File 3\_60781\_6.4.1,6.4.3**

| <u>Step</u> | <u>Time</u> |
|-------------|-------------|
| 6.4.1       | 3-7s        |
| 6.4.2       | 8-19s       |
| 6.4.3       | 20-25s      |

**File 4\_60781\_6.5.1,6.5.3**

| <u>Step</u> | <u>Time</u> |
|-------------|-------------|
| 6.5.1       | 2-5s        |
| 6.5.2       | 6-13s       |
| 6.5.3       | 14-22s      |

**File 5\_60781\_6.6.1,6.6.2**

| <u>Step</u> | <u>Time</u> |
|-------------|-------------|
| 6.6.1       | 2-19s       |
| 6.6.2       | 20-35s      |