```
                                <- -fsw ->       +L
Original:               - - -----|--------+--------|------ - - ---> frequency
                                -L        <- +fsw ->

                                          +L
Shift -ve     - - ------|--------+--------|------ - -
                       -L
                                                          +L
Shift +ve                       - - ------|--------+--------|------ - -
                                          -L

                                          +L
Subtract/2.0  - - ------|-----------------|-----------------|------ - -
                        G                                   G
```