

## Selecting the IF filter

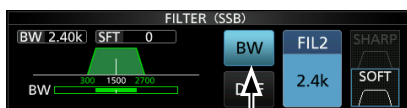
The transceiver has 3 IF filter passband widths for each mode, and you can select them on the FILTER screen. You can set the IF filter to wide (FIL 1), mid (FIL 2) or narrow (FIL 3).

1. Select the operating mode.  
(Example: USB)
2. Touch the filter icon for 1 second.  
• Opens the FILTER (SSB) screen.
3. Touch the filter icon more times to select FIL 1 (wide), FIL 2 (mid) or FIL 3 (narrow).
4. Touch [BW].  
• Selects the passband width mode.  
① When you change the passband width, the Twin PBT setting value is reset to the center position.

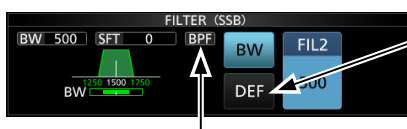


FILTER (SSB) screen (when FIL 2 is selected)

5. Rotate **(MAIN DIAL)** to adjust the passband width.  
① You cannot change the passband width in the FM or FM-D mode.



Passband width mode



Touch [DEF] for 1 second to reset to default.

Displayed when a band width less than 500 Hz is selected in the SSB or CW mode.

6. Touch [BW].  
• Cancels the passband width mode.
7. Repeat steps 2 to 6 to set the passband width for other modes except for the FM and FM-D.
8. To close the FILTER screen, push **EXIT**.

**TIP:** When you set the IF filter to FIL2 or FIL3 in the FM mode, the transceiver will transmit in the FM narrow mode.

Mode	IF filter	Selectable range (steps)
SSB	FIL 1 (3.0 kHz)	50Hz to 500Hz (50 Hz)/ 600Hz to 3.6kHz (100 Hz)
	FIL 2 (2.4 kHz)	
	FIL 3 (1.8 kHz)	
SSB-D CW	FIL 1 (1.2 kHz)	50Hz to 500Hz (50 Hz)/ 600Hz to 3.6kHz (100 Hz)
	FIL 2 (500 Hz)	
	FIL 3 (250 Hz)	
RTTY	FIL 1 (2.4 kHz)	50Hz to 500Hz (50 Hz) 600Hz to 2.7kHz (100 Hz)
	FIL 2 (500 Hz)	
	FIL 3 (250 Hz)	
AM AM-D	FIL 1 (9.0 kHz)	200Hz to 10.0kHz (200 Hz)
	FIL 2 (6.0 kHz)	
	FIL 3 (3.0 kHz)	
FM FM-D	FIL 1 (15 kHz)	Fixed
	FIL 2 (10 kHz)	
	FIL 3 (7.0 kHz)	

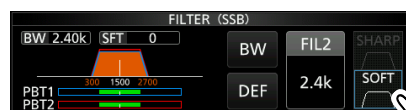
## Selecting the IF filter shape

You can independently set the DSP filter shape for operating modes to soft or sharp.

1. Set the operating mode to SSB, SSB-D or CW.  
(Example: USB)
2. Touch the filter icon for 1 second.  
• Opens the FILTER screen.



3. Touch the filter icon several times to select FIL1 (wide), FIL2 (mid) or FIL3 (narrow).
4. Touch [SHARP] or [SOFT].



When [SOFT] is selected

5. To close the FILTER screen, push **EXIT**.