■ Twin PBT operation

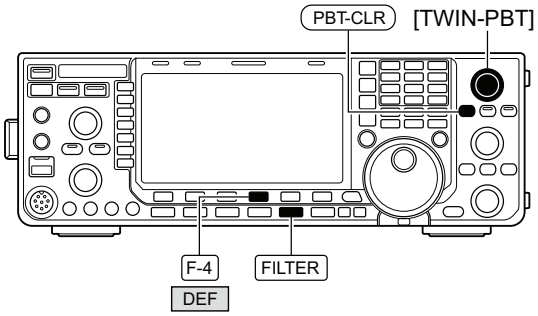
<MODE> SSB/CW/RTTY/PSK/AM

PBT (Passband Tuning) electronically narrows the IF passband width by shifting the IF frequency slightly outside of the IF filter passband to reject interference. The IC-7600 uses DSP for the PBT function. Moving both **[TWIN-PBT]** controls to the same position shifts the IF both above and below the received frequency.

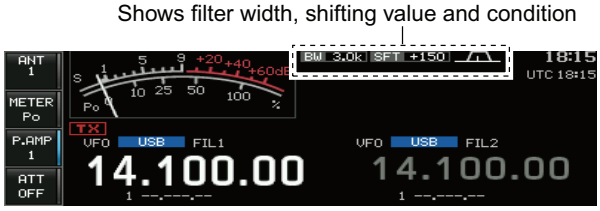
➥ The LCD shows the passband width and shift frequency graphically.
  • The indicator on the **[PBT-CLR]** switch lights when PBT is in use.
➥ Push and hold **[FILTER]** for 1 sec. to enter the filter set screen. Current passband width and shift frequency is displayed in the filter set screen.
➥ To set the **[TWIN-PBT]** controls to the center positions, push and hold **[PBT-CLR]** for 1 sec.

The variable range depends on the passband width and mode. The edge of the variable range is half of the passband width, and PBT is adjustable in 25 (SSB/CW/RTTY/PSK modes) or 100 Hz (AM mode) steps.

- The **[TWIN-PBT]** controls should normally be set to the center positions (PBT setting is cleared) when there is no interference.
- When PBT is used, the audio tone may be changed.
- Not available for FM mode.
- While rotating the **[TWIN-PBT]** controls, noise may occur. This comes from the DSP unit and does not indicate an equipment malfunction.
- Push and hold **[DEF] (F-4)** for 1 sec. to select a default value.



Shows filter width, shifting value and condition



• Filter set screen

"SHARP" is selected.

• PBT operation example