■ Operating PSK

[TX] indicator [RX] indicator   Band keys

[AF] [F-3•DECODE] [RTTY/PSK] Main dial

Appears

ANT 1
BW 500 S[T 0 BPF
ANT 1 P.AMP 1 AGC-MID
METER Po
P.AMP 1
TX
VFO PSK FIL2
ATT OFF
14.100.00

PSK DECODE

HOLD CLR TX MEM ADJ MAIN/SUB WIDE

— TX buffer screen
FFT scope —
— RX contents screen
Water-fall —
Vector tuning indicator —

1500

650 2150
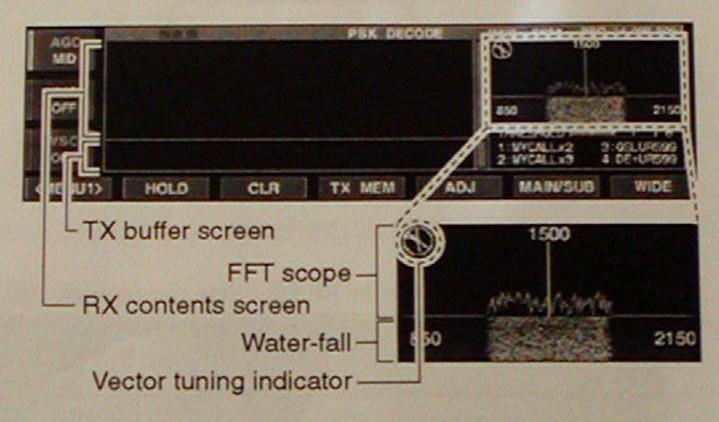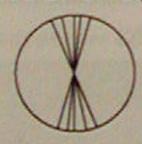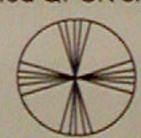
• **Vector tuning indicator indication example**
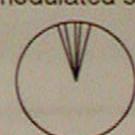
Tuned BPSK signal   Tuned QPSK signal

BPSK/QPSK idle signal   Unmodulated signal

The PSK31 encoder/decoder is built-in to the IC-7800
When connecting a PC keyboard (p. 2-6), PSK31 op
eration can be performed without a PSK operation so
ware installed PC.

When using your PSK operation software, consult t
manual that comes with the software.

① Push a band key to select the desired band.
② Push [RTTY/PSK] to select PSK.
  • After PSK mode is selected, push [RTTY/PSK] for 1
    to toggle between PSK and PSK-R modes.
  • "PSK" or "PSK-R" appears.
③ Push [F-3•DECODE] to displays the decoder sc
  • The IC-7800 has a PSK31 decoder.
④ Tune to the desired signal with the main dial.
  • The signal is tuned when the radiated lines in the
    tuning indicator narrow as in the example below.
  • The radiated lines in the vector tuning indicator a
    played in sporadically.
  • When a PSK signal is received, the water-fall indi
    activated.
  • The water-fall indicator shows the signal conditio
    the passband width and a vertical line appears
    PSK signal is received.
⑤ Rotate [AF] to set the audio to a comfortabl
  ing level.
⑥ Press [F12] of the connected keyboard to t
  • [TX] indicator lights red.
⑦ Type from the connected keyboard to enter
  tents that you want to transmit.
  • The typewritten contents are indicated in the
    screen and transmitted immediately.
  • The text color will be changed when transmitt
  • Press one of [F1]–[F8] to transmit the TX me
    tents.
⑧ Press [F12] of the keyboard to return to re
⑨ Push [TRANSMIT] to return to receive.

✔ For your convenience

The transmission contents can be typewritt
being transmit.

① Perform the steps ① to ④ above.
② Type from the connected keyboard to ent
  tents that you want to transmit.
  • The typewritten contents are indicated in t
    screen.
③ Press [F12] of the connected keyboard
  the typewritten contents.
  • The color of displayed text, in the TX buffe
    be changed when transmitted.
  • To cancel the transmission, press [F12] tw
④ Press [F12] of the keyboard to return to