

INFORMATION

IC-7850/IC-7851 Version 1.40

The following features are now changed in, or added to, the IC-7850/IC-7851.

Added : New functions and/or menus have been added.

Changed : Some operations, items, and/or options that already exist have been changed.

Changed Scope operation

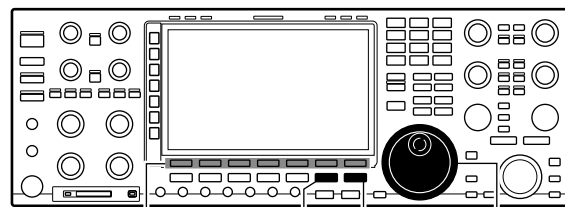
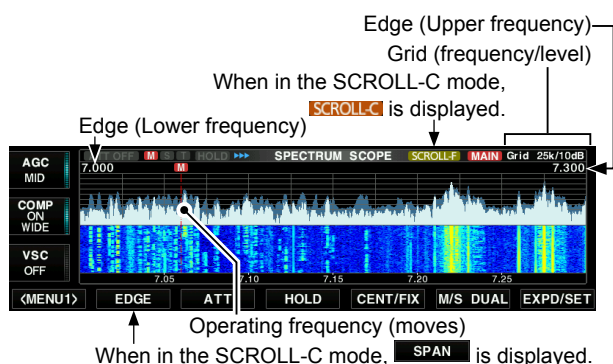
- The Scroll mode is added.
- When the scope span or Edge frequency is changed, such as by pushing [SPAN](F) or [EDGE](F), the selected scope span or the selected Edge frequency display is enlarged.
- In the Scope set screen:
 - “Marker Position (FIX Type)” is renamed to “Marker Position (FIX Type/SCROLL Type).”
 - Added No.1 to No.4 to the item name of the Fixed Edges settings.
- The maximum number of Fixed Edges for each band is increased from 3 to 4.
- Each band memorizes the Reference level.
- When the Scope screen is open, holding down [M.SCOPE] for 1 second closes the screen.

◇ Scroll mode

Displays signals within a selected span. When the operating frequency moves outside of the screen, the displayed frequency range is automatically scrolled.

The Multi-function screens are OFF:

1. Push [SCOPE](F).
 - The Spectrum scope screen is displayed.
2. Hold down [CENT/FIX](F) for 1 second to select the Scroll mode.
 - When changing the Center mode to the Scroll mode, “SCROLL-C” is displayed.
 - You can change the scope span by pushing [SPAN](F).
 - When changing the Fixed mode to the Scroll mode, “SCROLL-F” is displayed.
 - You can change the Edge frequencies by pushing [EDGE](F).
3. Push [CENT/FIX](F) to return to the previous mode.
 - When returning to the Center mode, the scope span does not return to the previous setting.
 - When returning to the Fixed mode, the Edge frequencies return to the last selected “Fixed Edges.”
 - If the operating frequency is above the upper Edge frequency, or below the lower Edge frequency, “>>” or “<<” is displayed in the upper side corners of the SPECTRUM SCOPE screen.



(F) Function keys [M.SCOPE] [EXIT/SET] [MAIN DIAL]

Changed Tone Control settings in the Data mode

In the Data mode, the Tone Control settings are automatically disabled.

SET [F-7] ∩ LEVEL [F-1]

- SSB RX HPF/LPF (Default: --- - ---)
- RX Bass (Default: 0)
- RX Treble (Default: 0)
- AM RX HPF/LPF (Default: --- - ---)
- RX Bass (Default: 0)
- RX Treble (Default: 0)
- FM RX HPF/LPF (Default: --- - ---)
- RX Bass (Default: 0)
- RX Treble (Default: 0)

Changed REF Adjust

“REF Adjust” in the ACC Set screen is displayed to the tenths place digit.

SET [F-7] ∩ ACC [F-2] ∩ REF Adjust

Changed CI-V USB Port

The default setting of the CI-V USB Port is changed from “Link to [REMOTE]” to “Unlink from [REMOTE].”

SET [F-7] ∩ OTHERS [F-5] ∩ CI-V USB Port

Changed CI-V commands

The following commands are changed in, or added to the conventional Command table.

Cmd.	Sub cmd.	Data	Description
1A*	05	0185	00 or 01 SCOPE SET > Marker Position (FIX Type/SCROLL Type) (00=Filter center, 01 Carrier point)
		0322	See the right. SCOPE > Fixed Edges > 0.03 – 1.60 No.4
		0323	See the right. SCOPE > Fixed Edges > 1.60 – 2.00 No.4
		0324	See the right. SCOPE > Fixed Edges > 2.00 – 6.00 No.4
		0325	See the right. SCOPE > Fixed Edges > 6.00 – 8.00 No.4
		0326	See the right. SCOPE > Fixed Edges > 8.00 – 11.00 No.4
		0327	See the right. SCOPE > Fixed Edges > 11.00 – 15.00 No.4
		0328	See the right. SCOPE > Fixed Edges > 15.00 – 20.00 No.4
		0329	See the right. SCOPE > Fixed Edges > 20.00 – 22.00 No.4
		0330	See the right. SCOPE > Fixed Edges > 22.00 – 26.00 No.4
		0331	See the right. SCOPE > Fixed Edges > 26.00 – 30.00 No.4
		0332	See the right. SCOPE > Fixed Edges > 30.00 – 45.00 No.4
		0333	See the right. SCOPE > Fixed Edges > 45.00 – 60.00 No.4
27*	00	See p. 3.	Read the Scope waveform data • Only when "Scope ON/OFF status" (Command: 27 10) and "Scope data output" (Command: 27 11) are set to "ON," outputs the waveform data to the controller.
	14	See p. 3.	Scope Center mode, Fixed mode, SCROLL-C mode, or SCROLL-F mode setting
	15	See p. 3.	Span setting in the Center mode or SCROLL-C mode Scope
	16	See p. 4.	Edge number setting in the Fixed mode or SCROLL-F mode Scope
	1E	See p. 4.	Edge frequency settings
	20	00 or 01	SCOPE SET > Marker Position (FIX Type/SCROLL Type) (00=Filter Center, 01=Carrier Point)

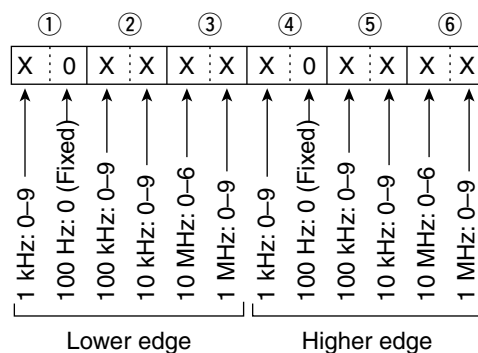
*(Asterisk) Send/read data

◇ Command formats

• Bandscope edge frequency settings

Command: 1A 05 0198 ~ 1A 05 0233

1A 05 0322 ~ 1A 05 0333



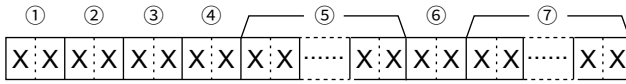
Changed CI-V commands

◇ Command formats (continued)

• Scope waveform data

Command: 27 00

Outputs the waveform data to the controller.



- ①: Main or Sub scope data
• 00=Main scope, 01=Sub scope

- ②: Order of division data (Current)

- ③: Division number (01 or 15)

When data is sent to the controller through the LAN port, all data is sent together. However, when the data is sent through the USB port, the data is divided by 15 and sent in sequential order.

	Division number	Data length	
LAN	01	704	
USB	15	1st data	15
		2nd or later data	53
		15th data	42

The 1st data sends only the wave information (① ~ ⑥) without the waveform data (⑦).

The 2nd or later data sends the minimum wave information (① ~ ③) with waveform data (⑦).

- ④: Spectrum scope mode data:

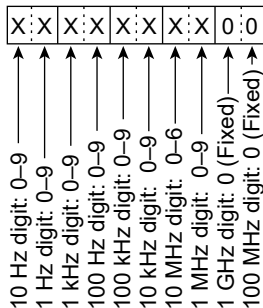
- 00 = Center mode scope
- 01 = Fixed mode scope
- 02 = SCROLL-C mode scope
- 03 = SCROLL-F mode scope

- ⑤: Waveform information:

The waveform information differs, depending on the Spectrum scope mode.

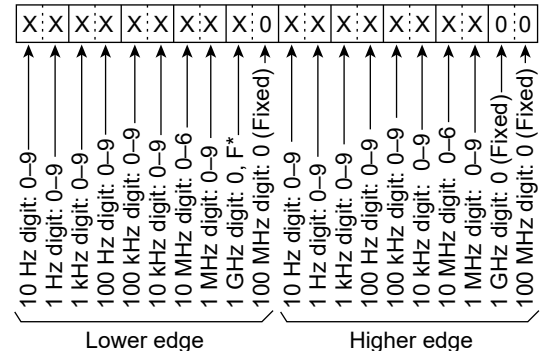
- In the Center mode:

Center frequency and span are sent.



See the Scope span settings (② ~ ⑥) to the right.

- In the Fixed, SCROLL-C, and SCROLL-F modes:
Lower edge and higher edge frequencies are sent.



* "F" means that the Lower edge frequency is a negative value.

- ⑥: Out of range information:

- 00 = In range
- 01 = Out of range

- ⑦: If the scope data is out of range, the waveform data (⑦) is omitted.

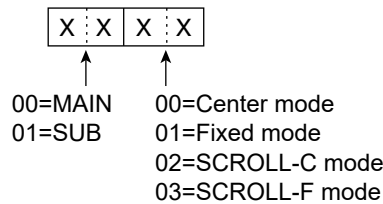
- ⑦: Waveform data:

The transceiver outputs the drawn waveform data. The data range or data length of the waveform data is judged by the controller. (The data range is basically the same as the display size of the scope on the controller.)

- Data range: 0 ~ 200
- Data length: 689

• Spectrum scope mode settings

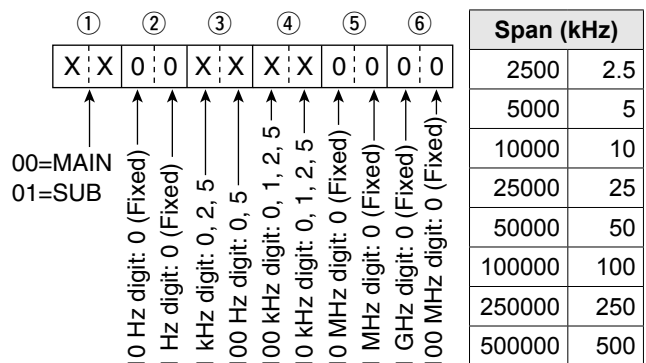
Command: 27 14



• Scope span settings

(in the Center mode and SCROLL-C mode scope)

Command: 27 15



Span (kHz)	
2500	2.5
5000	5
10000	10
25000	25
50000	50
100000	100
250000	250
500000	500

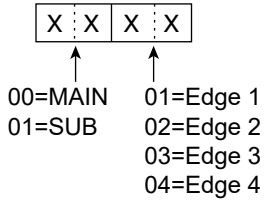
Changed CI-V commands

◇ Command formats (continued)

• Scope Fixed edge number settings

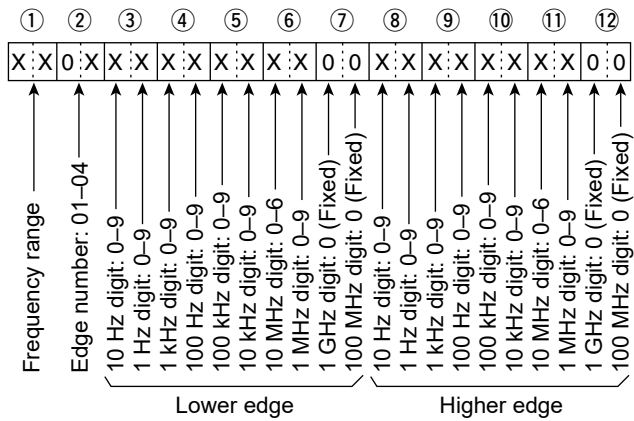
(in the Fixed mode and SCROLL-F mode scope)

Command: 27 16



• Scope Fixed edge frequency settings

Command: 27 1E



① Entry of less than 1 kHz digits is ignored.

① Selectable Frequency ranges:

Data	Frequency range (MHz)
01	0.03 ~ 1.60
02	1.60 ~ 2.00
03	2.00 ~ 6.00
04	6.00 ~ 8.00
05	8.00 ~ 11.00
06	11.00 ~ 15.00
07	15.00 ~ 20.00
08	20.00 ~ 22.00
09	22.00 ~ 26.00
10	26.00 ~ 30.00
11	30.00 ~ 45.00
12	45.00 ~ 60.00

② Selectable Edge number: 01=1, 02=2, 03=3, 04=4

INFORMATION

IC-7850/IC-7851 Version 1.30

The following features are now changed in, or added to, the IC-7850/IC-7851.

Added : New functions and/or menus have been added.

Changed : Some operations, items, and/or options that already exist have been changed.

Changed IF filter and Roofing filter

The default settings of the IF filters (FIL1 ~ FIL3) and Roofing filter in the SSB-D mode are changed.
(The changed items are shown in bold in the table below.)

◇ IF filter

Mode	IF filter (default)	Selectable range (steps)
SSB-D	FIL 1 (3.0 kHz)	50 Hz to 500 Hz (50 Hz)/ 600 Hz to 3.6 kHz (100 Hz)
	FIL 2 (1.2 kHz)	
	FIL 3 (500 Hz)	

◇ Roofing filter

Mode	IF filter (default)
SSB-D	FIL 1 (15 kHz)
	FIL 2 (6 kHz)
	FIL 3 (6 kHz)

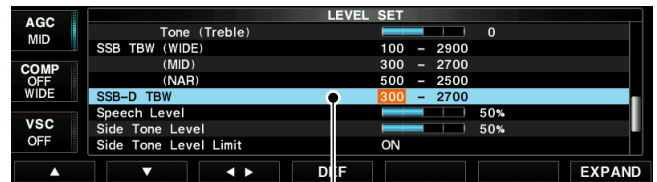
Added Set items

The SSB-D TBW item is added on the Level set screen and the USB SEND/Keying Inhibit at Connection item is added on the Others set screen.

SSB-D TBW (Default: 300 – 2700)

Sets the transmission pass bandwidth to the SSB-D mode, by changing the lower and higher cut-off frequencies.

- Lower frequency: 100, 200, 300, and 500 Hz
- Higher frequency: 2500, 2700, 2800, and 2900 Hz.



Added item

USB SEND/Keying Inhibit at Connection

(Default: ON)

Turn ON the timer to prevent unintentional SEND or Keying signal transmission if the USB driver version is not the latest one, under the following conditions.

- When connecting a PC to the IC-7850/IC-7851 using a USB cable.
 - When a virtual serial port communication has been established.
 - While the IC-7850/IC-7851 and a PC are connected using a USB cable, or when starting up the PC or connecting or disconnecting a USB device to or from the PC.
- OFF: The IC-7850/IC-7851 transmits the SEND or Keying signal right after a PC or USB device is connected.
 - ON: The IC-7850/IC-7851 transmits after a few seconds have passed, to prevent unintentional transmission.
- ① If you change this setting to "OFF," update the transceiver's USB driver and make sure the SEND or Keying signal will not be unintentionally transmitted.



Added item

Changed CI-V commands

The following commands are changed in, or added to the conventional Command table.

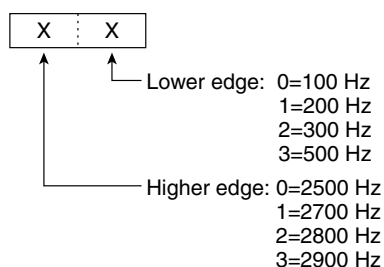
Cmd.	Sub cmd.	Data	Selectable range (steps)
1A*	05	0320	See below
		0321	00/01
29*		00/01 + Supported commands	Regardless of active/inactive the Main or Sub band, you can directly specify the Main or Sub band, and send/read the supported command settings.
		See below	00=MAIN, 01=SUB

* Send/read data

◆ Command formats

• SSB-D transmission passband width settings

Command: 1A 050320

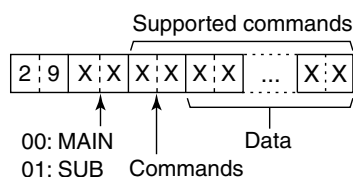


• Setting after directly specify the Main/Sub band

Command : 29

Specify the Main or Sub band before entering the supported commands.

When you receive the OK code (FB), or the NG code (FA), the Command 29 and Main/Sub specify (00/01) is omitted.



The supported commands are listed to the right column.

• Supported command table

Cmd.	Sub Cmd.	Data	Description
07			Select VFO mode
11*		00	Send/read attenuator OFF
		03	Send/read 3 dB attenuator
		06	Send/read 6 dB attenuator
		09	Send/read 9 dB attenuator
		12	Send/read 12 dB attenuator
		15	Send/read 15 dB attenuator
		18	Send/read 18 dB attenuator
		21	Send/read 21 dB attenuator
12*	00	00 or 01	Select/read ANT1 selection (00=RX ANT OFF; 01=RX ANT ON)
	01	00 or 01	Select/read ANT2 selection (00=RX ANT OFF; 01=RX ANT ON)
	02	00 or 01	Select/read ANT3 selection (00=RX ANT OFF; 01=RX ANT ON)
	03	00	Select/read ANT4 selection (00=RX ANT OFF; fix)
14*	01	0000 to 0255	Send/read [AF] level (0000=max. CCW, 0255=max. CW)
	02	0000 to 0255	Send/read [RF] level (0000=max. CCW, 0255=max. CW)
	03	0000 to 0255	Send/read [SQL] level (0000=max. CCW, 0255=max. CW)
	05	0000 to 0255	Send/read [APF] position (0000=Pitch-550 Hz, 0128=Pitch, 0255=Pitch+550 Hz; 10 Hz steps)
	06	0000 to 0255	Send/read [NR] level (0000=0%, 0255=100%)
	07	0000 to 0255	Send/read inner [TWIN PBT] position (0000=max. CCW, 0128=center, 0255=max. CW)
	08	0000 to 0255	Send/read outer [TWIN PBT] position (0000=max. CCW, 0128=center, 0255=max. CW)
	0D	0000 to 0255	Send/read [NOTCH] position (0000=max. CCW, 0128=center, 0255=max. CW)
	11	0000 to 0255	Send/read [AGC] level (0000=max. CCW to 0255=max. CW)
	12	0000 to 0255	Send/read NB level (0000=0%, 0255=100%)
	13	0000 to 0255	Send/read [DIGI-SEL] position (0000=max. CCW to 0255=max. CW)
15	01	00	Read noise or S-meter squelch status (squelch close)
		01	Read noise or S-meter squelch status (squelch open)
	02	0000 to 0255	Read S-meter level (0000=S0, 0120=S9, 0241=S9+60 dB)
	05	00	Read various squelch (tone squelch, and so on) status (squelch close)
		01	Read various squelch (tone squelch, and so on) status (squelch open)

► Continued on the next page.

Changed CI-V commands

◇ Command formats (continued)

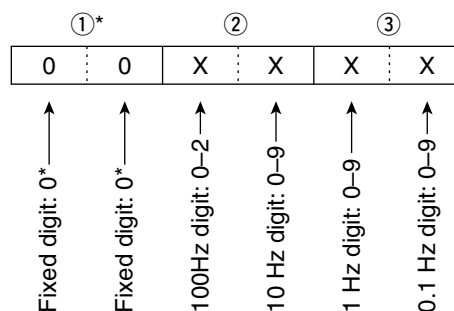
Cmd.	Sub Cmd.	Data	Description
16*	02	00	Preamp OFF
		01	Preamp 1 ON
		02	Preamp 2 ON
12	00	00	AGC OFF selection
		01	AGC FAST selection
		02	AGC MID selection
		03	AGC SLOW selection
		03	AGC SLOW selection
22	00	00	Noise blanker OFF
		01	Noise blanker ON
32	00	00	Audio peak filter OFF
		01	Audio peak filter WIDE ON (320 Hz is selected when SHARP APF is set)
		02	Audio peak filter MID ON (160 Hz is selected when SHARP APF is set)
		03	Audio peak filter NAR ON (80 Hz is selected when SHARP APF is set)
40	00	00	Noise reduction OFF
		01	Noise reduction ON
41	00	00	Auto notch function OFF
		01	Auto notch function ON
42	00	00	Repeater tone OFF
		01	Repeater tone ON
43	00	00	Tone squelch OFF
		01	Tone squelch ON
48	00	00	Manual notch function OFF
		01	Manual notch function ON
4C	00	00	VSC function OFF
		01	VSC function ON
4D	00	00	AGC VR function OFF
		01	AGC VR function ON
4E	00	00	DIGI-SEL function OFF
		01	DIGI-SEL function ON
4F	00	00	Twin peak filter OFF
		01	Twin peak filter ON (Can be turned ON only when Mark and Shift are set to 2125 Hz and 170 Hz, respectively)
50	00	00	Dial lock function OFF
		01	Dial lock function ON
53	00	00	ANT-RX I/O setting OFF
		01	ANT-RX I/O setting "A"
		02	ANT-RX I/O setting "B"
55	00	00	15 kHz roofing filter selection
		01	6 kHz roofing filter selection
		02	3 kHz roofing filter selection
		03	1.2 kHz roofing filter selection
56	00	00	SHARP selection for DSP filter type
		01	SOFT selection for DSP filter type
57	00	00	WIDE selection for manual notch width
		01	MID selection for manual notch width
		02	NAR selection for manual notch width

Cmd.	Sub Cmd.	Data	Description
1A*	03	00 to 49	Send/read the selected filter width (AM: 00=200 Hz to 49=10 kHz; Other than AM: 00=50 Hz to 31=2700 Hz/ 40=3600 Hz)
		04	00 to 13
	07	00 or 01	Send/read the selected AGC time constant (00=OFF, AM: 01=0.1 sec. to 13=6.0 sec., SSB, CW, RTTY, PSK: 01=0.3 sec. to 13=6.0/8.0 sec.)
		08	00 to 02
	09	0000 to 0440	Send/read 1.2 kHz filter calibration (00=Calibrating, or has not been calibrated after Power ON, 01=Succeeded, 02=Failed)
1B*	00	See below	Send/read 1.2 kHz filter calibration adjusted value (0000=0% to 0440=100%)
	01	See below	Send/read repeater tone frequency
			Send/read TSQL tone frequency

* Send/read data

• Repeater tone/tone squelch frequency settings

Command: 1B 00, 1B 01



*Not necessary when setting a frequency.

INFORMATION

IC-7850/IC-7851 Version 1.10

The following features are now changed in, or added to, the IC-7850/IC-7851.

Added : New functions and/or menus have been added.

Changed : Some operations, items, and/or options that already exist have been changed.

Added Scope set mode

The Waterfall Marker Auto-hide item is added to the Scope set mode.

Select the Waterfall Marker Auto-hide function ON or OFF.

- OFF: The marker in the Waterfall zone stays ON.
- ON: The marker in the Waterfall zone is hidden 2 seconds after you have stopped it in place.



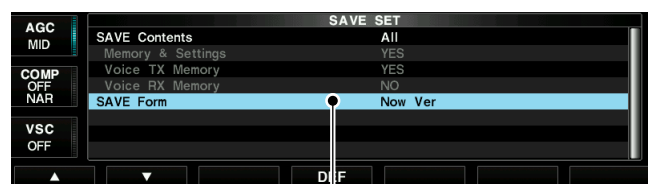
Added item

Added Save set mode

The SAVE form item is added to the Save set mode. To save settings and memory contents for backup or copying to another IC-7850/7851, you must save the data in the firmware version format that matches the target IC-7850/7851.

Select "Now Ver" for the current version or "Old Ver (1.00–1.01)" for the previous version. Selects the file saving format between "Now Ver" and "Old Ver (1.00–1.01)." (default: Now Ver)

- Now Ver: Saves the file in the current firmware version format.
- Old Ver (1.00–1.01): Saves the file in the firmware version 1.00 to 1.01 format.



Added item

NOTE:

- You cannot write the setting file that is saved in the current version format to an older firmware version transceiver.
- If the settings are saved in an older version format, the items added in the later version are not saved.

Added Others set mode

The MAIN/SUB Tracking [MAIN] SW item is added to the Others set mode.

Assign the Main/Sub band tracking function to the [MAIN] key.

- OFF: The [MAIN] key does not act as the Tracking function key.
- ON: Hold down the [MAIN] key for 1 second to turn the function ON or OFF.



Added item

◇ Main/Sub band Tracking function

When you hold down [MAIN] for 1 second to turn ON the Main/Sub band tracking function, the Sub band frequency and mode are equalized to the Main band settings. If you set the Main and Sub bands to the different antennas, you can hear which antenna has better reception. Rotating [MAIN DIAL] changes the Main and Sub frequencies in the same tuning steps at the same time. The direct frequency entry in the Main band also changes both frequencies together. But rotating [SUB DIAL] changes only the Sub frequency. So, you can change the tracking separation between the Main and Sub band frequencies. Rotating [MAIN DIAL] changes both frequencies, keeping the amount of the frequency separation.

The Tracking function will be canceled when:

- Starting a scan.
- The Sub band frequency is changed by pushing a band key, [V/M] key, direct frequency entry, and so on.

Added Others set mode

◇ Operation

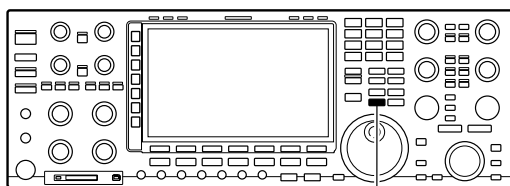
1. Select the "MAIN/SUB Tracking [MAIN] SW" item in the Others set screen.

**SET [F-7] ↘ OTHERS [F-5] ↘
MAIN/SUB Tracking [MAIN] SW**

2. Rotate [MAIN DIAL] to select "ON."
• The Tracking ON function is assigned to only the [MAIN] key.



3. Push [EXIT/SET] several times.
• Exits the Set screen.
4. Select a desired operating frequency or mode.
5. Hold down [MAIN] for 1 second to turn ON the Main/Sub band tracking function.
• "MAIN" or "SUB" blinks blue.
• The Sub band frequency is equalized to the Main band frequency.



[MAIN]

- ① To turn OFF the function, hold down [MAIN] or [SUB] for 1 second.

Changed CI-V commands

The following commands are changed in, or added to the conventional Command table.

Cmd.	Sub cmd.	Data	Selectable range (steps)
16*	5E	00	Main/Sub band tracking function OFF
		01	Main/Sub band tracking function ON
1A*	05	0313	00 or 01 Read the CI-V command link setting with [REMOTE] for USB port 00=Link to [REMOTE], 01=Unlink from [REMOTE]
		0314	00 or 01 MAIN/SUB band Tracking function is enable or disabled 00=MAIN/SUB Tracking function is disabled 01=Assigns the function to the [MAIN] key
		0315	00 or 01 Send/read the Waterfall Marker Autohide set (00=OFF, 01=ON)
1C*	04	00	Send/read command to disable to output the antenna controller status (frequency and so on) from [REMOTE]
		01	Send/read command to enable to output the antenna controller status (frequency and so on) from [REMOTE]
27	00	See to the right	Read the Scope waveform data * Only when "Scope ON/OFF status" (Command: 27 10) and "Scope data output" (Command: 27 20) are set to "ON," outputs the waveform data to the controller.
	10	00 or 01	Send/read the Scope ON/OFF status (00=Scope OFF, 01=Scope ON)
	11	00 or 01	Send/read the Scope data output (00=Output OFF, 01=Output ON) * Only when "CI-V USB Port" is set to "Unlink from [REMOTE]" and "CI-V USB Baud Rate" is set to 115200 (bps), "Output ON" is selectable.
	12	00 or 01	Send/read the Main or Sub scope setting (00=Main scope, 01=Sub scope)
	13	00 or 01	Send/read the Single/Dual scope setting (00=Single scope, 01=Dual scope)
	14	See p. 3	Send/read the Scope Center mode or Fixed mode setting
	15	See p. 3	Send/read the span setting in the Center mode Scope
	16	See p. 3	Send/read the Edge number setting in the Fixed mode Scope
	17	See p. 3	Send/read the Scope hold function ON or OFF
	18	See p. 3	Send/read the Scope Attenuator setting
	19	See p. 3	Send/read the Scope Reference level setting
	1A	See p. 3	Send/read the Sweep speed setting
	1B	00 or 01	Send/read the Scope indication during TX in the Center mode (00=OFF, 01=ON)
	1C	00 or 02	Send/read scope center frequency setting in the Center mode (00=Filter center, 01=Carrier point center, 02=Carrier point center (Abs. Freq.))
	1D	See p. 3	Send/read the Scope VBW setting
	1E	See p. 3	Send/read the Scope Fixed edge frequencies

* Send/read data

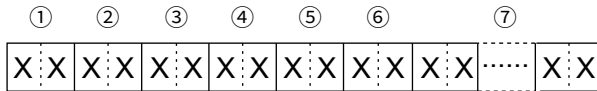
Changed CI-V commands

◇ Command formats

• Scope waveform data

Command : 27 00

Outputs the waveform data to the controller



① Main or Sub scope data

- 00=Main scope
- 01=Sub scope

② Order of division data (Current)

③ Division number (01 or 15)

When data is sent to the controller through the LAN port, all data is sent together. However, when the data is sent through the USB port, the data is divided by 15 and sent in sequential order.

	Division number	Data length	
LAN	1	704	
USB	15	1st data	15
		2nd or later data	53
		15th data	42

The 1st data sends only the wave information (① ~ ⑥) without the waveform data (⑦).

The 2nd or later data sends the minimum wave information (① ~ ③) with waveform data (⑦).

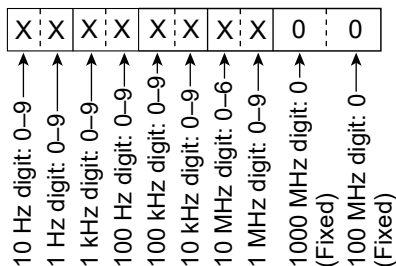
④ Center or Fixed mode data:

- 00 = Center mode scope
- 01 = Fixed mode scope

⑤ Waveform information:

The waveform information is different between Center mode and fixed mode.

- In the Center mode:
Center frequency and span are sent.



① See the Scope span settings to the right.

- In the Fixed mode:
Lower edge and higher edge frequencies are sent
① See the next page for Scope Fixed edge frequencies settings ③ ~ ⑫.

⑥ Out of range information:

- 00 = In range
- 01 = Out of range

① If the scope data is out of range, the waveform data (⑦) is omitted.

⑦: Waveform data:

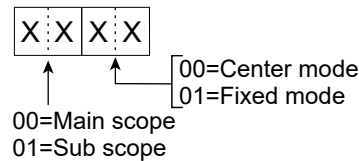
The transceiver outputs the drawn waveform data. The data range or data length of the waveform data is judged by the controller.

(The data range is the same as the display size of the scope on the controller)

Data range	0 ~ 136
Data length	689

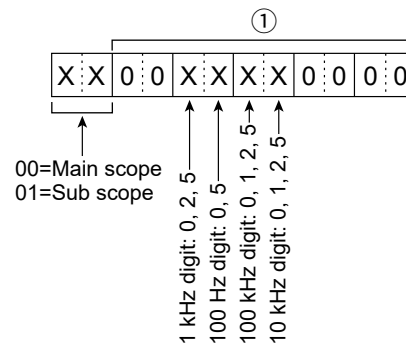
• Center/Fixed mode settings

Command: 27 14



• Scope span settings

Command: 27 15

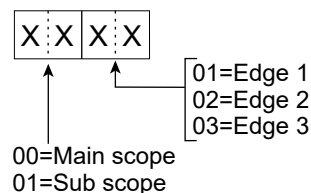


① Selectable Span

Span (Hz)	
2500	2.5 k
5000	5 k
10000	10 k
25000	25 k
50000	50 k
100000	100 k
250000	250 k
500000	500 k

• Scope Edge number settings

Command: 27 16

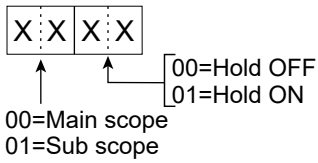


Changed CI-V commands

◇ Command formats (continued)

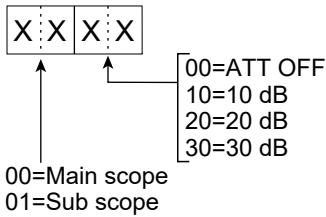
• Scope Hold settings

Command: 27 17



• Scope Attenuator settings

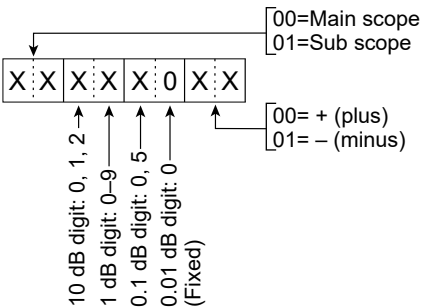
Command: 27 18



• Scope Reference level settings

Command: 27 19

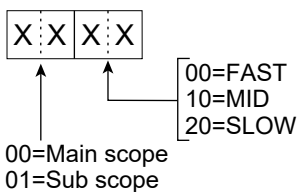
Common settings for the Main and Sub scopes



• Adjustable range: -20.0 dB ~ +20.0 dB in 0.5 dB steps

• Scope Sweep speed settings

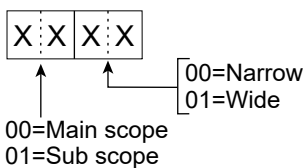
Command: 27 1A



• Scope VBW (Video Band Width) settings

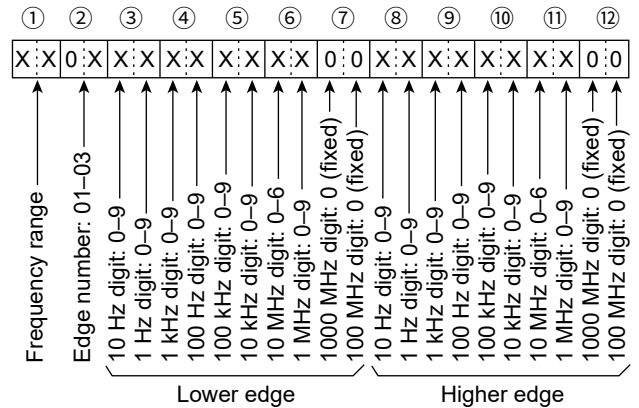
Command: 27 1D

Common settings for the Main and Sub scopes



• Scope Fixed edge frequencies settings

Command : 27 1E



① Entry of less than 1 kHz digits is ignored.

① Selectable Span

Data	Frequency range
01	0.03 – 1.60 MHz
02	1.60 – 2.00 MHz
03	2.00 – 6.00 MHz
04	6.00 – 8.00 MHz
05	8.00 – 11.00 MHz
06	11.00 – 15.00 MHz
07	15.00 – 20.00 MHz
08	20.00 – 22.00 MHz
09	22.00 – 26.00 MHz
10	26.00 – 30.00 MHz
11	30.00 – 45.00 MHz
12	45.00 – 60.00 MHz

② Selectable Edge number: 01 = 1, 02 = 2, 03 = 3