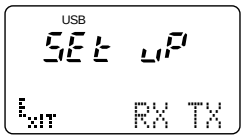
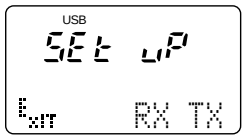
4-5 SET MODE ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITION	DISPLAY	OPERATION
ENTERING ADJUSTMENT SET MODE	1	• Enter adjustment set mode: ① Turn power OFF. ② Terminate the [REMOTE] jack with a 3.5(d) mm mini-plug. ③ While pushing [P.AMP/ATT] and [TUNE/CALL], turn power ON.		Push [F-3 (TX)] to enter the TX adjustment setting mode. Then advance to the following setting, or push [UP]/[DN] to scroll the display.
Id APC	1	• Connect an RF power meter to [ANT1] connector. • Connect a DC ammeter between the DC power supply and transceiver's DC power socket (P601 on the PA unit). • Transmit using an external PTT switch.	SET IdAPC	Set a total current at 15 A by adjusting R1125 on the MAIN board. Push [MENU] to set the "SET IdAPC" after returning receiving condition.
FILTER CALIBRATION	1	• Connect an RF power meter to [ANT1] connector.	GO FILTER CAL	Push and hold [MENU (GO)] to make the calibration. • Transceiver transmits for a while.
POWER METER (14 MHz)	1	• Connect an RF power meter to [ANT1] connector. • Transmit using an external PTT switch.	SET 90 %	Set to 90 W using [MAIN DIAL], then push [MENU] while transmitting.
	2	• Transmit using an external PTT switch.	SET 50 %	Set to 50 W using [MAIN DIAL], then push [MENU] while transmitting.
TUNING POWER (14 MHz)	1	• Connect an RF power meter to [ANT1] connector. • Transmit using an external PTT switch.	SET TUNE Po	Set to 10 W using [MAIN DIAL], then push [MENU] while transmitting.
(50 MHz)	2	• Transmit using an external PTT switch.	SET TUNE Po	Set to 10 W using [MAIN DIAL], then push [MENU] while transmitting.
POWER METER (145 MHz)	1	• Connect an RF power meter to [ANT2] connector. • Transmit using an external PTT switch.	SET 90 %	Set to 45 W using [MAIN DIAL], then push [MENU] while transmitting.
	2	• Transmit using an external PTT switch.	SET 50 %	Set to 25 W using [MAIN DIAL], then push [MENU] while transmitting.
POWER METER (430 MHz)	1	• Connect an RF power meter to [ANT2] connector. • Transmit using an external PTT switch.	SET 90 %	Set to 18 W using [MAIN DIAL], then push [MENU] while transmitting.
	2	• Transmit using an external PTT switch.	SET 50 %	Set to 10 W using [MAIN DIAL], then push [MENU] while transmitting.
ALC METER	1	• Connect an RF power meter to [ANT1] connector. • Connect an audio generator to [MIC] connector and set as : Level : 1.5 kHz/30mV • Transmit using an external PTT switch.	ALC START	Push and hold [MENU] to set ALC reference level while transmitting.
SWR METER	1	• Connect a 50 Ω dummy load or power meter to [ANT1] connector.	SWR 1 LOAD	Push [MENU] to set SWR reference level.
	2	• Connect a 50 Ω dummy load or power meter to [ANT1] connector.	SWR 2 LOAD	Push [MENU] to set SWR2 level. • The display returns to the same as the ADUSTMENT SET MODE above.
	Push [F-1 (EXIT)] to exit adjustment set mode.			

SET MODE ADJUSTMENT (continued)

ADJUSTMENT		ADJUSTMENT CONDITION	DISPLAY	OPERATION
ENTERING ADJUSTMENT SET MODE	1	• Enter adjustment set mode: ① Turn power OFF. ② Terminate the [REMOTE] jack with a 3.5(d) mm mini-plug. ③ While pushing [P.AMP/ATT] and [TUNE/CALL], turn power ON.		Push [F-2 (RX)] to enter the RX adjustment setting mode. Then advance to the following setting, or push [UP]/[DN] to scroll the display.
SENSITIVITY	1	• Connect a standard signal generator to [ANT2] and set as: Frequency : 60.05150 MHz Modulation : OFF • Receiving	VHF1 BPF1 L	Set a connected SSG's level at 10 dB of S/N ratio with AC millivoltmeter.
	2			Set maximum AF level using the [MAIN DIAL], then push [MENU] to set the "VHF1 BPF1 L".
	3	• Same operation as step 2 for the listed BPFs. • Set an SSG as: Modulation : OFF VHF1 BPF2 L : 60.05150 MHz VHF1 BPF1 M : 90.50150 MHz VHF1 BPF2 M : Same as left VHF1 BPF1 H : 128.9515 MHz VHF1 BPF2 H : Same as left VHF2 BPF1 L : 129.1015 MHz VHF2 BPF2 L : Same as left VHF2 BPF1 M : 145.1515 MHz VHF2 BPF2 M : Same as left VHF2 BPF1 H : 170.0015 MHz VHF2 BPF2 H : Same as left UHF BPF1 L : 400.0015 MHz UHF BPF2 L : Same as left UHF BPF1 M : 435.1515 MHz UHF BPF2 M : Same as left UHF BPF1 H : 470.0015 MHz UHF BPF2 H : Same as left • Receiving		
S-METER	1	• Connect an SSG to [ANT1] connector and set as: Frequency : 14.1515 MHz Level : OFF • Receiving	S0 LEVEL	Push [MENU] to set the "S0 level".
	2	• Set an SSG as : Level : 50 µV (–73 dBm) Modulation : OFF • Receiving	S9 LEVEL	Push [MENU] to set the "S9 level".
	3	• Set an SSG as : Level : 50 mV (–13 dBm) Modulation : OFF • Receiving	+60dB LEVEL	Push [MENU] to set the "+60 dB level". • The display returns to the same as the ADUSTMENT SET MODE above.
		Push [F-1 (EXIT)] to exit adjustment set mode.		