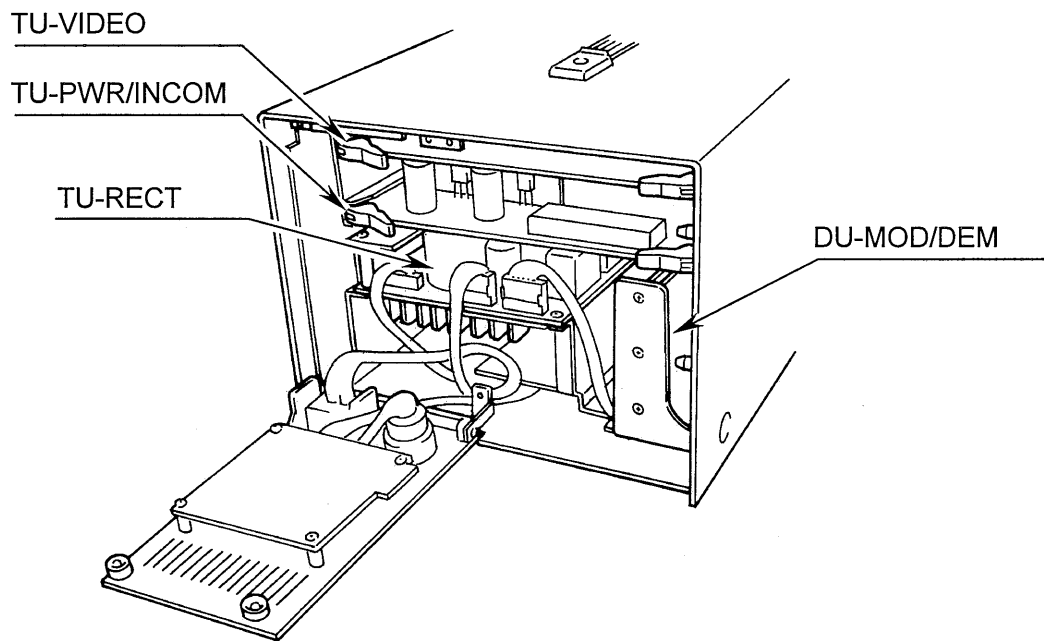


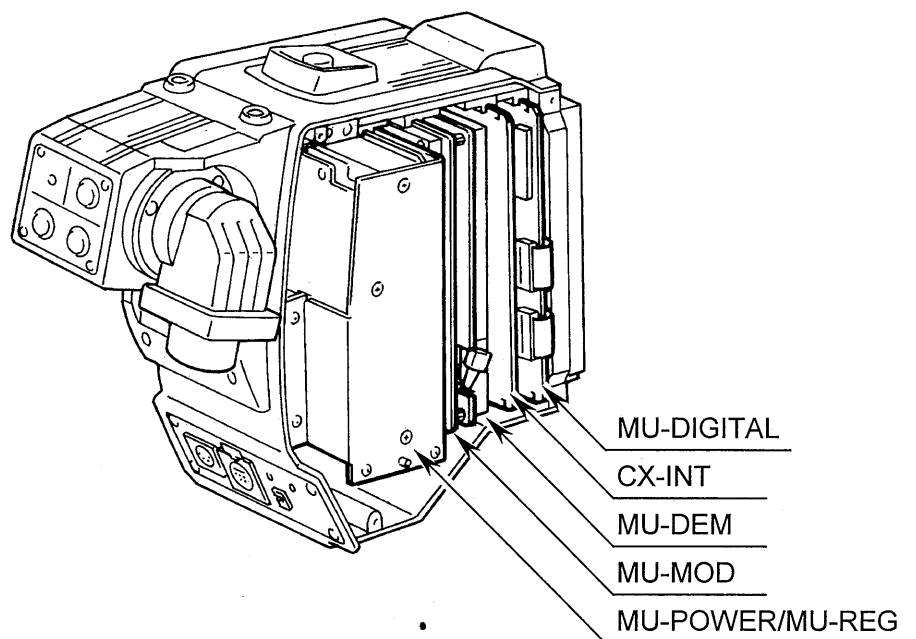
DISASSEMBLY

1. Board Locations

TU-Z3A

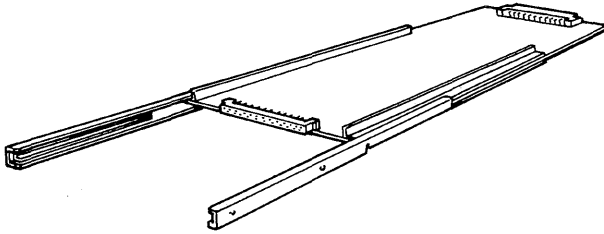


CX-Z3A

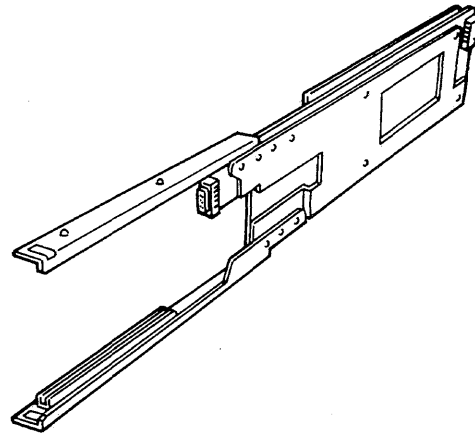


2. Unit removal and extension

TU-Z3A unit extension (option)

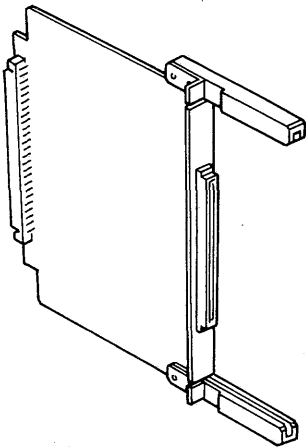


TU UNIT-EXT PT-1592A
•TU-VIDEO
•TU-PWR/INCOM

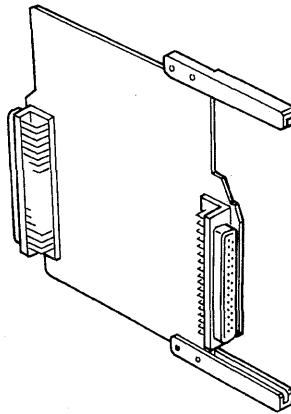


TU MOD/DEM-EXT
•DU-MOD/DEM

CX-Z3A unit extension (option)



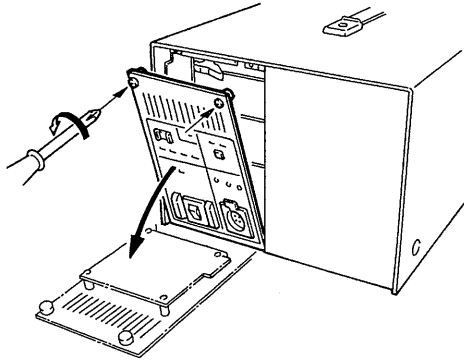
MU UNIT-EXT
•MU-DIGITAL
•CX-INT
•MU-MOD/MU-DEM



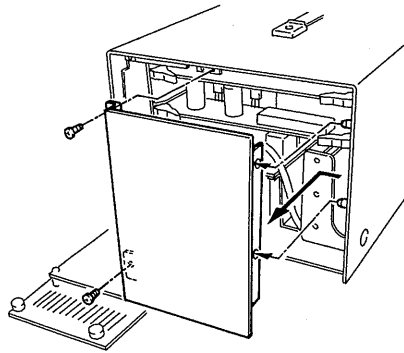
MU PWR-EXT
•MU-POWER/MU-REG

TU-Z3A unit extension

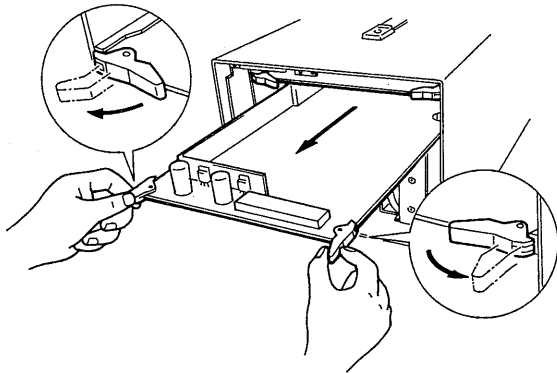
Open the front panel.



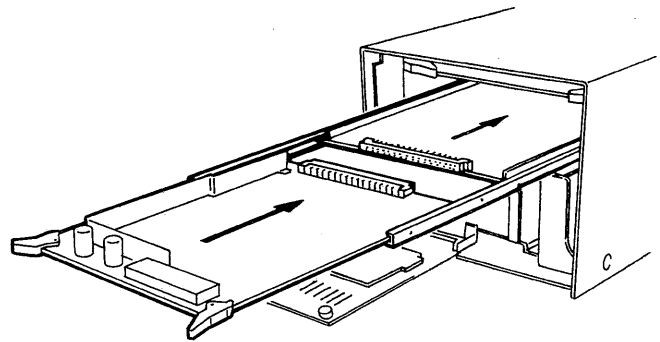
Slide the front panel right cover toward the left and remove.



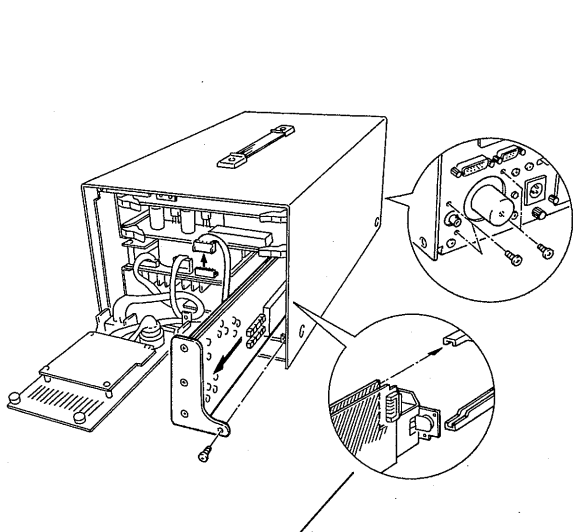
Raise the card clamps of both sides of the TU-VIDEO and TU-PWR/INCOM boards. Pull out and remove the boards.



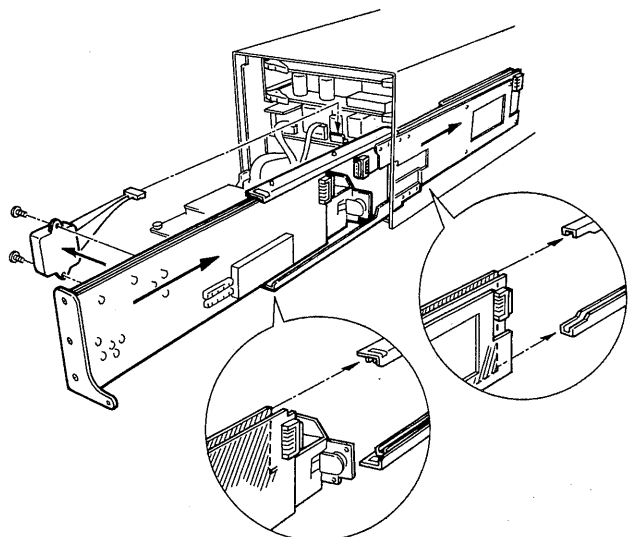
Extend using the TU Unit Ext board.



Take out 1 screw from the front and 4 screws from the rear of DU-MOD/DEM. Disengage the connection to the TU-RECT board and remove.



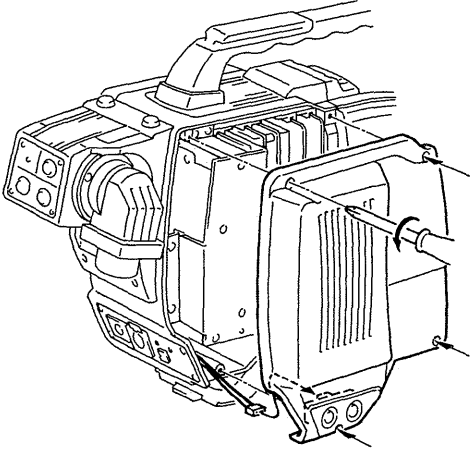
Extend using the TU Unit Ext board. Remove the line filter from the panel and connect to the TU-RECT board connector. Insert the panel (not the board) into the extender board rails.



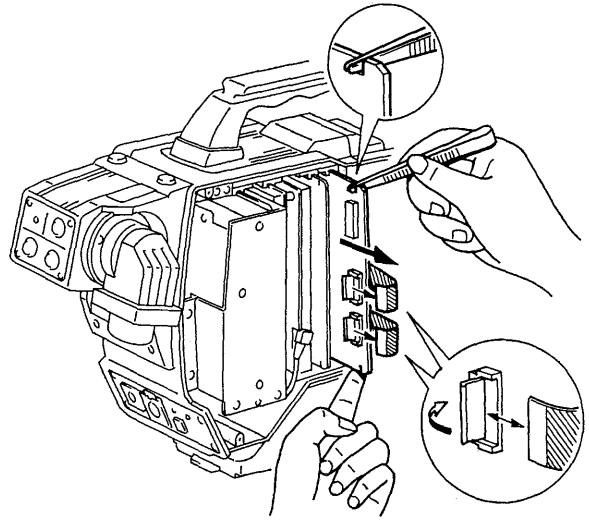
When returning the DU-MOD/DEM board to original state, insert the panel (not the board) into the extender board rails.

CX-Z3A unit extension

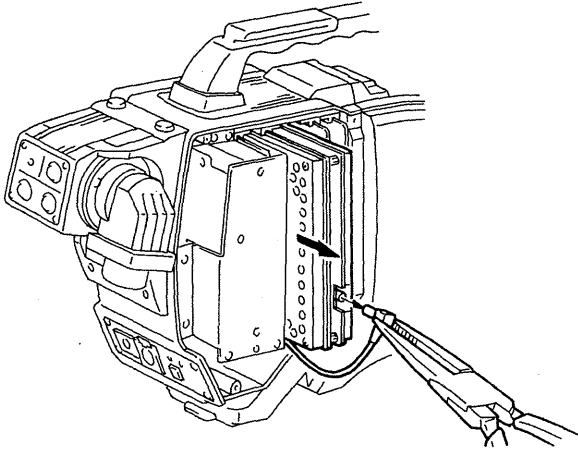
Take out 4 screws, disengage internal connector P19 and remove the side panel.



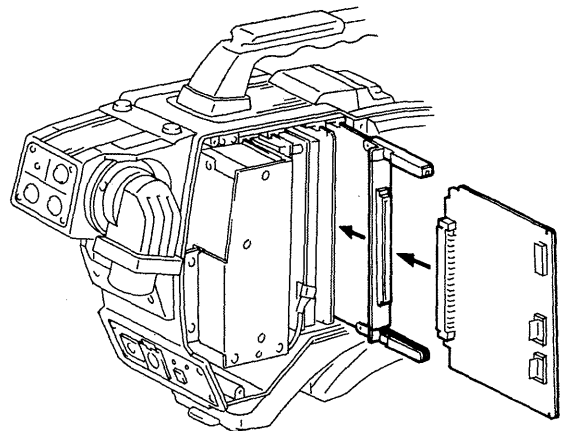
Disconnect the flexible cables of the MU-DIGITAL Board, then remove the board.



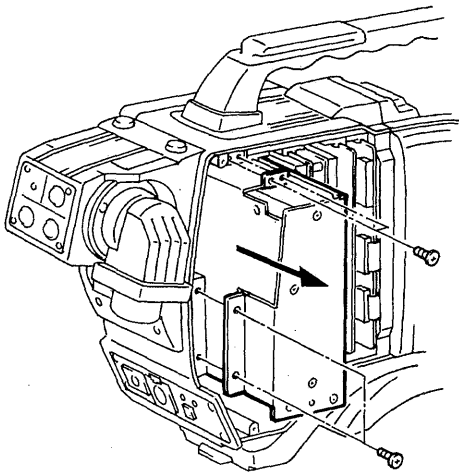
Grasp the coax cable connector of the MU-MOD/MU-DEM board with long nose pliers and pull straight outward to disconnect.



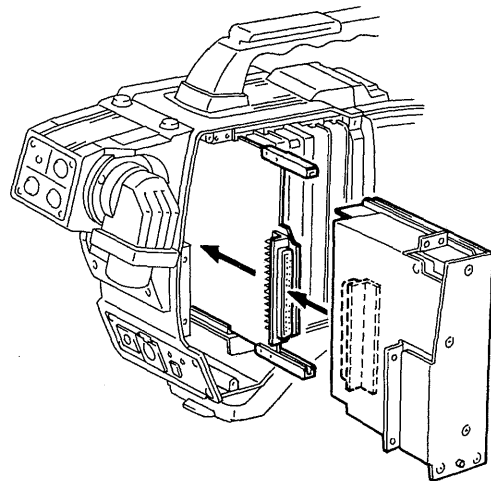
Extend the MU-DIGITAL, CX-INT and MU-MOD/MU-DEM boards with the MU Unit Ext board.



Take out the screws and remove the unit.



Extend with the MU Unit Ext board.



When closing the side panel, reconnect connector P19 and use care not to pinch the cable.

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4 . TU-Z3A/CX-Z3A/DI-Z3 Adjustment Guide

1. Standard pickup

No.	Item	Description	Specification	Note
1	Standard pickup conditions	(1) SK-888 series color camera (2) Triax cable Fujikura 8 mm dia. Normal adjustment: Up to 300 meters RET cable: Max. 1100 meters Prompt cable: Max. 930 meters (3) RC-Z3,RC-Z2A (4) GM-51 (5) Lens : A16×9BRM-27 (Fujinon) YJ18×9.5B4KRS PX12(Canon) A19×8.7BRM-24(Fujinon) (6) Power supply : AP-60B, 1A-60A or 12 V constant voltage power supply 2 units (7) Ambient temperature and humidity : 20 ±10 °C, 45 to 85% RH (8) PIX monitor : Adjusted to standard mode. (9) Waveform monitor : Adjusted to standard mode. (10) Vectorscope : Adjusted to standard mode. (11) Noise meter : Adjusted to standard mode. (12) Audio analyzer : Adjusted to standard mode. (13) Spectrum analyzer : Better than 100 MHz (14) Test charts : ·Greyscale (89.9% reflectance, LOG) ·Color bar ·MHz chart		

2. Initial switch settings

No.	TU-Z3A/CX-Z3A	Select	Designation	Initial setting	Note
1	TU-Z3A	AC/DC	SW2	AC	Rear panel
2	TU-Z3A	RS-232C/Remote		REMOTE	Rear panel
3	TU-Z3A	RGB/YPBPR	SW201	RGB	Rear panel
4	CX-Z3A	EXT/CCU		CCU	Left side

3. Sync system adjustments

Set the TU-VIDEO and TU-PWR/INCOM units in the TU-Z3A.

Connect the TU-Z3A MONI OUT connector to a color monitor.

Adjust the TU-VIDEO unit.

No.	Adjustment	Designation	Test point	Initial setting	Description	Note
1	SC frequency	VIDEO unit RV1	VIDEO unit IC7-2pin		Adjust RV1 to where the subcarrier frequency is within specification at TP3. NTSC : 3579545 \pm 2Hz PAL : 4433619 \pm 2Hz	
2	PLL voltage	VIDEO unit CV1	VIDEO unit TP2		Adjust CV1 to where the phase locked loop voltage is within specification at TP2. NTSC and PAL : 2.5 \pm 0.2V	

4. Adjustments and checks with Adjust screen

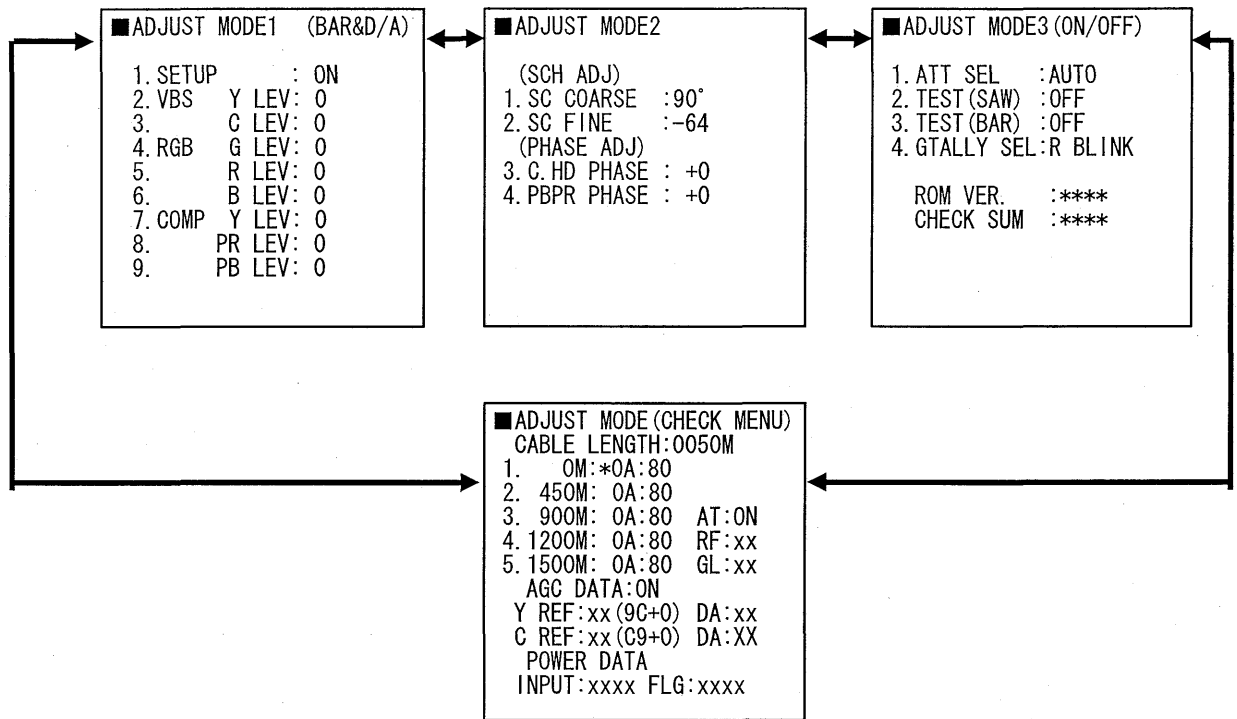
4. 1 Adjust screen operation (screen selection)

Set the TU-VIDEO unit Adjust switch SW203 to on to display the Adjust Mode Check Menu.

Set the Adj switch to of to extinguish the menu screen

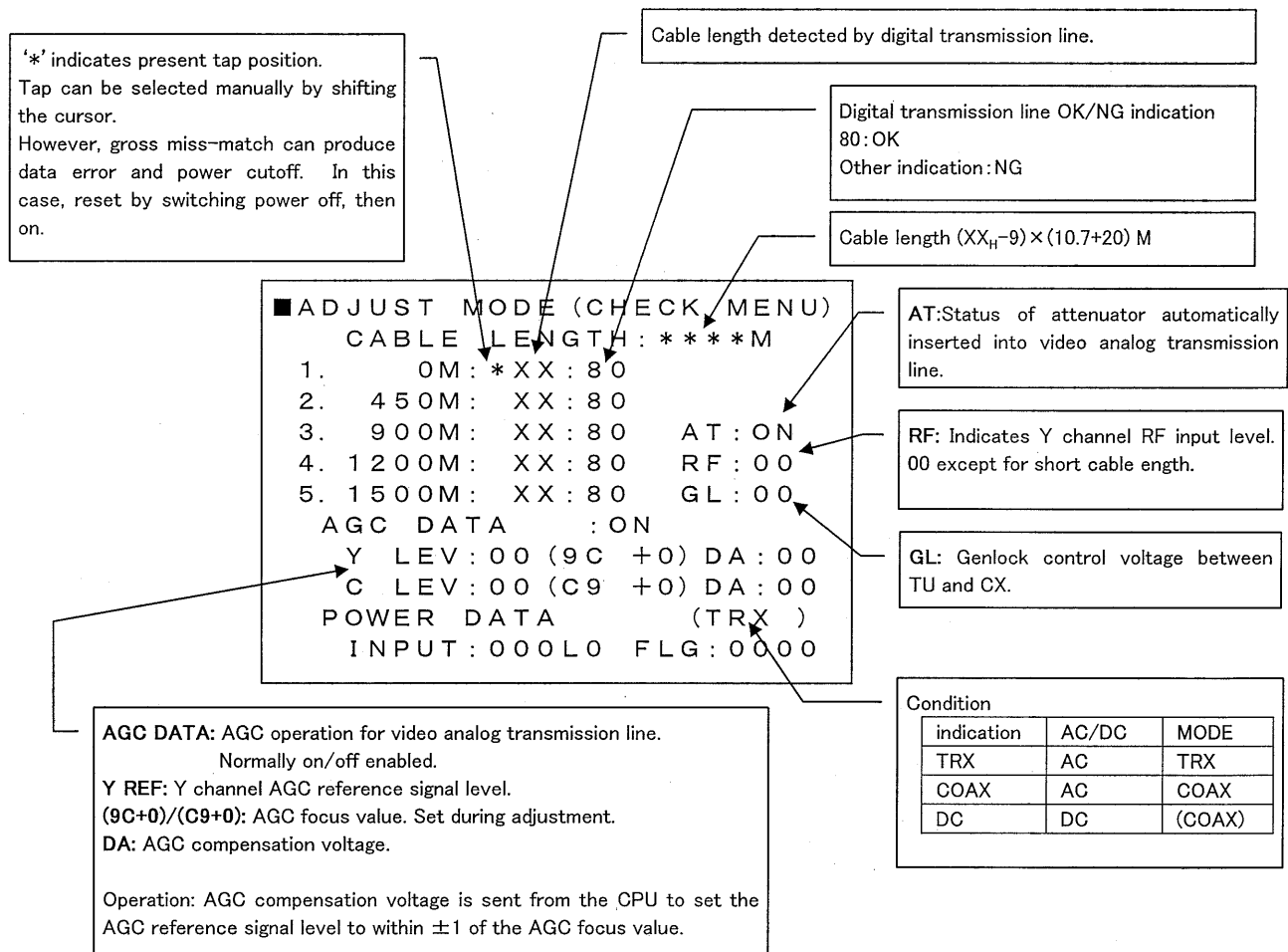
Press the Right and Left buttons to shift the flashing cursor among the 1, 2, 3 and Check screens.

At ADJ switch on, the sequence starts from the Adjust Mode (Check Menu) screen.



CHECK MENU description.

•For about 10 seconds after power on, cable compensation is selected among 5 lengths from 0 to 1500 meters to determine the optimum compensation for the connected cable.



POWER DATA INPUT: ABCDE

A	B	C	D (H, M, L indication)	E
INCOM OK	INNER-OUTER SHORT OK	230V OK	DC BAL 2	DC BAL1
1: OK 0: NG	1: OK 0: NG	2: OK 1: 230 V line over current 0: Fault other than over current in 230 V line		0: OK 1: Over current 2: No current

FLG: ABCD

A	B	C	D
INCOM OK	INNER-OUTER SHORT OK	AC ERR	DC ERR
0: OK 1: NG F: Checking	0: OK 1: NG F: Checking	0: OK (1: Over current absent) 2: AC fault (no current, outer open) 3: AC OVERCURRENT F: Checking	0: OK 1: OPEN 2: center short 3: outer shield open 4: inner-outer short 5: Other fault F: Checking

4. 2 Initial setting

At Adjust Mode 3, set 3. Test (Bar) to on. (Set to off when exiting Adjust screen.)

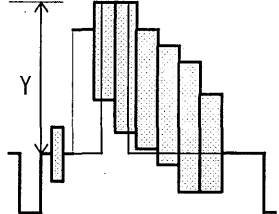
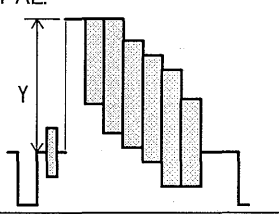
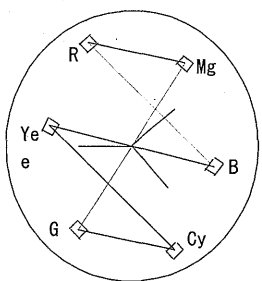
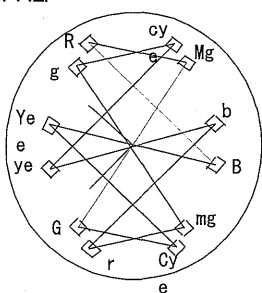
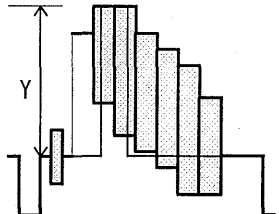
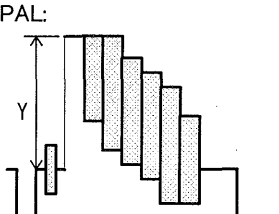
■ADJUST MODE3 (ON/OFF)	
1. ATT SEL	:AUTO
2. TEST (SAW)	:OFF
3. TEST (BAR)	:OFF
4. GTALLY SEL	:R BLINK
ROM VER.	:****
CHECK SUM	:****

4. 3 Adjust mode 1 (bar and video level)

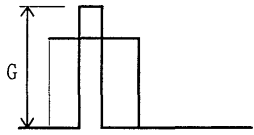
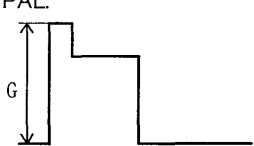
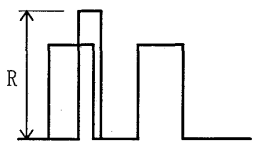
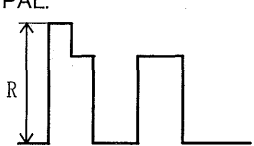
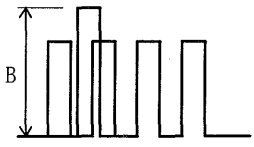
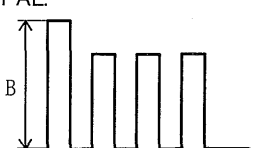
Set the TU-VIDEO unit Adjust switch SW203 from off to on. Select Adjust Mode 1 to display the color bar and the Adjust Mode 1 menu.

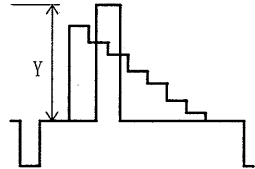
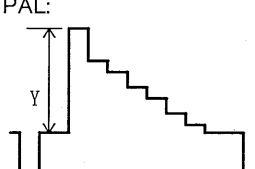
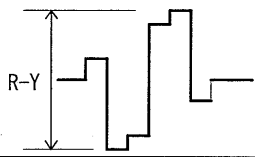
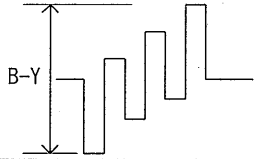
■ADJUST MODE1 (BAR&D/A)	
1. SETUP	: ON
2. VBS	Y LEV: 0
3.	C LEV: 0
4. RGB	G LEV: 0
5.	R LEV: 0
6.	B LEV: 0
7. COMP	Y LEV: 0
8.	PR LEV: 0
9.	PB LEV: 0

No.	Item	Device	Test point	Initial setting	Adjustment	Note
(1)	SET UP (7.5 IRE Setup)		ENC OUT (TU-Z3 rear)	Connect ENC out to an oscilloscope or waveform monitor and terminate at 75 ohms. Press the Down button to shift the cursor to 1. Set up.	Press the Left and Right buttons to select Setup on or off. On : NTSC (U version) Off: NTSC (J version) Off: PAL (E/K version)	

No.	Item	Device	Test point	Initial setting	Adjustment	Note
(2)	VBS Y LEV		ENC OUT (TU-Z3 rear)	Press the Down button and shift the cursor to 2. Y LEV.	Press the Left and Right buttons to adjust the VBSout level as indicated below. NTSC : 100 ± 2 IRE PAL : 700 ± 20 mVp NTSC:  PAL: 	
(3)	VBS C LEV (both burst and chroma)		ENC OUT (TU-Z3 rear)	Press the Down button and shift the cursor to 3. C LEV. After adjusting as described, check that the respective color spots are within their vectorscope markers. (For U version, adjust the vectorscope gain). Specification is $\pm 2\%$. NTSC:  PAL: 	Press the Left and Right buttons to adjust the C LEV. The yellow signal peak point is as follows. NTSC : 100 ± 2 IRE PAL : 700 ± 20 mVp-p NTSC:  PAL: 	See Note

Note: The burst level also changes. The burst level cannot be adjusted separately.

No.	Item	Device	Test point	Initial setting	Adjustment	Note
(4)	RGB G REV		G/Y OUT (TU-Z3 rear)	At the rear of the TU-Z3, set the RGB/R-YB-Y switch to RGB. Connect an oscilloscope or waveform monitor to G/Y out and terminate at 75 ohms. Press the Down button to shift the cursor to 4. G LEV.	Press the Left and Right buttons to adjust the G LEV. The Gout level is as follows. NTSC and PAL: $700 \pm 20 \text{mVp-p}$ NTSC:  PAL: 	
(5)	RGB R REV		R/R-Y OUT (TU-Z3 rear)	Press the Down button to shift the cursor to 5. R LEV.	Press the Left and Right buttons to adjust the R LEV. The Rout level is as follows. NTSC and PAL: $700 \pm 20 \text{mVp-p}$ NTSC:  PAL: 	
(6)	RGB B REV		B/B-Y OUT (TU-Z3 rear)	Press the Down button to shift the cursor to 6. B LEV.	Press the Left and Right buttons to adjust the B LEV. The Bout level is as follows. NTSC and PAL : $700 \pm 20 \text{mVp-p}$ NTSC:  PAL: 	

No.	Item	Device	Test point	Initial setting	Adjustment	Note
(7)	Component Y LEV G/Y out (TU-Z3 rear)		G/ Y OUT (TU-Z3 rear)	At the rear of the TU-Z3, set the RGB/R-YB-Y switch to Y R-YB-Y. Press the Down button to shift the cursor to 7. Y LEV. The component sync level is fixed. NTSC : 286mVp-p PAL : 300mVp-p	Press the Left and Right buttons to adjust the Y LEV. The Yout level is as follows. NTSC : 714±20mVp-p PAL : 700±20mVp-p NTSC:  PAL: 	
(8)	Component R-Y LEV		R/R-Y OUT (TU-Z3 rear)	Press the Down button to shift the cursor to 8. R-Y LEV. Press the Left and Right buttons to adjust the R-Y LEV as indicated.	NTSC : 700±20mVp-p PAL : 525±20mVp-p 	NTSC: β-CAM mode
(9)	Component B-Y LEV		B/B-Y OUT (TU-Z3 rear)	Press the Down button to shift the cursor to 9. B-Y LEV. Press the Left and Right buttons to adjust the B-Y LEV as indicated.	NTSC : 700±20mVp-p PAL : 525±20mVp-p 	NTSC: M II mode

4. 4 ADJUST MODE2

At 8. PB LEV of Adjust Mode 1, press the Down button to shift the cursor to the top of the menu. Next press the Right button to change to the Adjust Mode 2 screen.

■ADJUST MODE2

- (SCH ADJ)
 1. SC COARSE :90°
 2. SC FINE :-64
 (PHASE ADJ)
 3. C. HD PHASE : +0
 4. PBPR PHASE : +0
 5. VBS Y DLY : +0
 6. PBPR OFST : +0

No.	Item	Device	Test point	Initial setting	Adjustment	Note
(1)	SC-H		ENC OUT (TUZ3 rear)	Connect ENC out to a vectorscope capable of measuring SCH or a VM-700. Press the Down button to select 1. SC Coarse if the deviation is large or 2. SC Fine if the deviation is slight. Press the Left the Right buttons to adjust the SCH phase.	0 ±5° : NTSC only	
(2)	G.HD PHASE		ENC OUT (TUZ3 rear)	Connect the Z-3000W and CX-Z3. Use triax cable to connect these to the TU-Z3. At Adjust Mode 3, set 3. Test (bar) to off. Set the CAM power switch (front) to on and pickup a 100% white chart. Press the Down button to shift the cursor to 3. C.HD. Press the Left and Right buttons and adjust to minimize phase difference between video rise and fall.		
(3)	PBPR PHASE		ENC OUT (TUZ3 rear) (SDI output absent) SDI OUT (TUZ3 rear) (with SDI output)	Use the camera to pickup a color bar chart. Press the Down button to shift the cursor to 4. PBPR Phase. Press the Left and Right buttons to adjust for optimum Y/C phase.		

No.	Item	Device	Test point	Initial setting	Adjustment	Note
(4)	VBS Y DLY		ENC OUT (TUZ3 rear)	Pickup color chart with camera. Press Down button and shift cursor to 5. VBS Y DLY. Press left and right buttons to change the setting value. Adjust VBS Y DLY for optimum Y/C phase.		Only when SDI output is present.
(5)	PBPR OFST		ENC OUT (TUZ3 rear)	Close the lens. Connect vectorscope to camera OUT and TU-Z3A ENC OUT. Press Down button and shift cursor to 6. PBPR OFST. Press left and right buttons to change the setting value. Adjust PBPR OFST to match the black burst of camera OUT and TU-Z3A ENC out.		

4. 5 ADJUST MODE (CHECK MENU)

Select Adjust Mode (Check Menu).

```

■ ADJUST MODE (CHECK MENU)
CABLE LENGTH: 0050M
1. 0M: *0A: 80
2. 450M: 0A: 80
3. 900M: 0A: 80 AT: 0N
4. 1200M: 0A: 80 RF: xx
5. 1500M: 0A: 80 GL: xx
AGC DATA: 0N
Y REF: xx (9C+0) DA: xx
C REF: xx (C9+0) DA: XX
POWER DATA
INPUT: xxxx FLG: xxxx

```

Item	Device	Test point	Initial setting	Adjustment	Note
Y REF C REF		ENC OUT (TU-Z3 rear)	Set the camera BAR/CAM switch to BAR. Connect the RC-Z2A to the TU-Z3 Remote 1 or Remote 2. Compare the waveforms with the RC-Z2A power off (camera bar) and with the RC-Z2A BAR/CAM switch at BAR (TU-Z3 bar). Press the Left and Right buttons to match the waveform levels.		

To exit the Adjust mode, set the TV-Video unit Adjust switch SW203 from on to off.

5. Function menu

The function menu is set in two stages with the RC-Z3 and the TU-Z3.

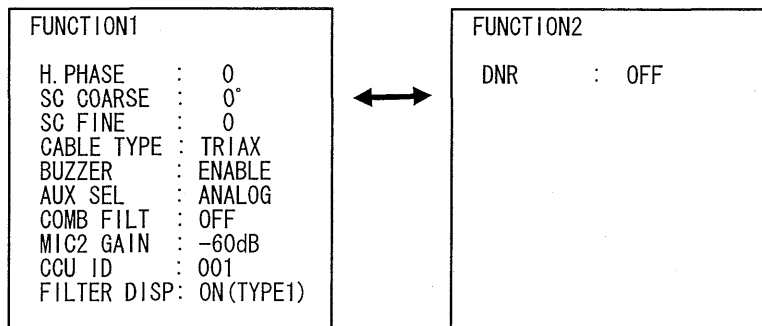
5. 1 Switch functions (when using RC-Z3 function switches)

Name	Operation
FUNC	When the color bar is on, press this button to open the TU-Z3 FUNC menu. When the color bar is off, press this button to open the camera head FUNC menu. (Menu contents differ with the connected camera head.)
UP	Shift the cursor upwards.
DOWN	Shift the cursor downwards.
RIGHT	1) Change setting data. 2) Change menu screen (when cursor is at 1st row). Since the TU-Z3 has only 1 screen, this is again displayed.
LEFT	1) Change setting data. 2) Change menu screen (when cursor is at 1st row). Since the TU-Z3 has only 1 screen, this is again displayed.

5. 2 Switch functions (when using TU-Z3 internal function switches)

Name	Operation
SET	Press button to open the TU-Z3 FUNC menu, regardless of color bar on/off.
UP	(Same as Item 1)
DOWN	(Same as Item 1)
RIGHT	(Same as Item 1)
LEFT	(Same as Item 1)

TU-Z3A menu



Function menu screen item details

1.FUNCTION1 menu

↔ are setting range with the Right and Left buttons

Menu item	Settings	Description
H.PHASE	-128↔...↔+127	Genlock adjustment (H phase)
SC COARSE	0° ↔90° ↔180° ↔270°	(SC phase coarse)
SC FINE	-128↔...↔+127	(SC phase fine)
CABLE TYPE	TRIAX ↔ COAX	Select TRIAX or COAX (V1.81 and subsequent). Mainly relates to message and LED indications.
BUZZER	ENABLE ↔ DISABLE	Buzzer sound when Call button is pressed.
AUX SEL	ANALOG ↔ DIGITAL	Selects auxiliary input for digital (D1) or analog
COMB FILT	OFF ↔ ON	Comb filter on/off.
MIC2 SENSE	-70dB ↔ -60dB ↔ -50dB ↔ -40dB ↔ -30dB ↔ -20dB ↔ -10dB ↔ 0dB ↔ +4dB	Selects MIC2 input level.
·CCU ID	001 ↔ 002 ↔ 003 ↔ ... ↔ 011 ↔ 012	SU-2100 identifying ID 001 to 012. (V1.60 and subsequent)
·FILTER DISP	OFF ↔ ON(TYPE1) ↔ ON(TYPE2-A) ↔ ON(TYPE2-B)	Pix out filter selection (V1.74 and subsequent).

Following 4 types can be set by filter DISP.

ON(TYPE1) : "1", "2", "3", "4"

ON(TYPE2-A) : "1. 3200K", "2. 5600K+1/16ND", "3. 5600K", "4. 5600K+1/64ND"

ON(TYPE2-B) : "1. 3200K", "2. 5600K+1/16ND", "3. 5600K", "4. EFFECT"

OFF :no indication

Note: Set types 1-A and 2-B to match the connected cameras.

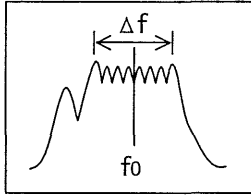
1.FUNCTION2 menu

Menu item	Settings	Description
DNR	ON ↔ OFF	TU-Z3A digital noise reduction on/off.

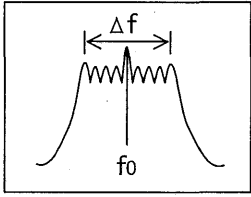
6. Modulation-demodulation adjustments

6. 1 MU-MOD board

6. 1. 1 MU-MOD board Y channel modulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV721 V.BIAS ; RV721 DEV ; RV712	TU-Z3 Y channel out with oscilloscope Connect probe to a spectrum analyzer and observe the TU-Z3 rear Coax connector.	Set to Control Head and set the camera head to color bar. Adjust for optimum linearity and frequency response, and where frequency and deviation are as indicated below.  $f_0=22.1\text{MHz}\pm 0.1\text{MHz}$ $\Delta f=1.2\text{MHz}\pm 0.05\text{MHz}$		
(2)	EMP ; LV711	TU-Z3 Y channel out with oscilloscope	Adjust for minimum smear.		Repeat adjustments 1 and 2

6. 1. 2 MU-MOD board PBPR channel modulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV821 V.BIAS ; RV821 DEV ; RV812	TU-Z3 PBPR channel out with oscilloscope Connect probe to spectrum analyzer and observe TU-Z3 rear Coax connector.	Set to Control Head and set the camera head to color bar. Adjust for optimum linearity and frequency response, and where frequency and deviation are as indicated below.  $f_0=46.2\text{MHz}\pm 0.1\text{MHz}$ $\Delta f=5.0\text{MHz}\pm 0.1\text{MHz}$		
(2)	EMP ; LV811	TU-Z3 Y channel out with oscilloscope	Adjust for minimum smear.		Repeat adjustments 1 and 2

6. 2 MU-DEM board

6. 2. 1 MU-DEM board RET channel demodulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV261	CX-Z3 RET channel out with oscilloscope	Supply a color bar input to TU-Z3 RET 1 IN. Adjust for absence of oscillation in the 100% white and sync tip components. (Longer cable allows more precise adjustment.)		
(2)	GAIN ; RV291	CX-Z3 RET channel out with oscilloscope	Adjust level for 1 Vp-p.		
(3)	EMP ; LV321	CX-Z3 RET channel out with oscilloscope	Adjust to minimize smear.		

6. 2. 2 MU-DEM board Prompt channel demodulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV561	CX-Z3 Prompt channel out with oscilloscope	Supply a color bar to TU-Z3 Prompt In. Adjust for absence of oscillation in the 100% white and sync tip components. (Longer cable allows more precise adjustment.)		
(2)	GAIN ; RV591	CX-Z3 Prompt channel out with oscilloscope	Adjust level for 1 Vp-p.		
(3)	EMP ; LV621	CX-Z3 Prompt channel out with oscilloscope	Adjust to minimize smear.		

6. 3 DU-MOD/DEM board

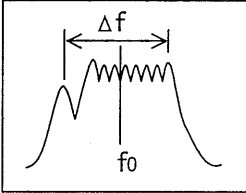
6. 3. 1 DU-MOD/DEM board Y channel demodulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV231 And LV232	TU-Z3 Y channel out with oscilloscope	Set to Control Head and set the camera head to color bar. Adjust for optimum linearity and frequency response.		
(2)	GAIN ; RV291	TU-Z3 Y channel out with oscilloscope	Adjust level for 1 Vp-p.		
(3)	F.COMP ; CV332 RV332 RV331	TU-Z3 Y channel out with oscilloscope	Adjust for optimum frequency response.	5Mhz ± 5%	
	EMP ; LV321	TU-Z3 Y channel out with oscilloscope	Adjust to minimize smear.		

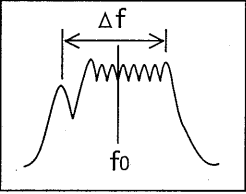
6. 3. 2. DU-MOD/DEM board PBPR channel demodulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV531 and LV532	TU-Z3 PBPR channel out with oscilloscope	Set to Control Head and set the camera head to color bar. Adjust for optimum linearity and frequency response.		
(2)	GAIN ; RV591	TU-Z3 PBPR channel out with oscilloscope	Adjust level for 1 Vp-p.		
(3)	F.COMP ; CV632 RV632 RV631	TU-Z3 PBPR channel out with oscilloscope	Adjust for optimum frequency response.	5Mhz ± 5%	
(4)	EMP ; LV621	TU-Z3 PBPR channel out with oscilloscope	Adjust to minimize smear		

6. 3. 3 DU-MOD/DEM board RET channel demodulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV721 V.BIAS ; RV721 DEV ; RV712	TU-Z3 Y channel out with oscilloscope Connect probe to a spectrum analyzer and observe the TU-Z3 rear Coax connector.	Supply a color bar to the TU-Z3 RET 1 IN. Adjust for optimum linearity and frequency response, and where frequency and deviation are as indicated below.  $f_0=70.5\text{MHz}\pm 0.2\text{MHz}$ $\Delta f=3.0\text{MHz}\pm 0.1\text{MHz}$		
(2)	EMP ; LV711	TU-Z3 Y channel out with oscilloscope	Adjust to minimize smear		Repeat adjustments 1 and 2.

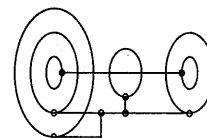
6. 3. 4 DU-MOD/DEM board Prompt channel demodulator

No.	Item	Test point	Description	Spec	Note
(1)	TUNE ; LV821 V.BIAS ; RV821 DEV ; RV812	TU-Z3 Y channel out with oscilloscope Connect probe to a spectrum analyzer and observe the TU-Z3 rear Coax connector.	Supply a color bar to the TU-Z3 Prompt 1 IN. Adjust for optimum linearity and frequency response, and where frequency and deviation are as indicated below.  $f_0=92.5\text{MHz}\pm 0.2\text{MHz}$ $\Delta f=3.0\text{MHz}\pm 0.1\text{MHz}$		
(2)	EMP ; LV811	TU-Z3 Y channel out with oscilloscope	Adjust to minimize smear		Repeat adjustments 1 and 2.

7. Operation checks

7. 1 Power supply system

No.	Item	Device	Test point	Description	Specification	Note
(1)	AC wiring			<p>Open the TU-Z3 front panel and inspect the transformer taps.</p> <p>Rated input voltage J 100VAC 50/60Hz U 117VAC 60Hz P 230VAC 50Hz</p> <p>Black White Black White Black White</p>		
(2)	AC/DC mode operation			<p>Connect RC-Z2A to TU-Z3 rear Remote 1 or 2.</p> <p>Set the CX-Z3 power switch to EXT and connect DC power.</p> <p>Connect coaxial cable between the TU-Z3 rear Coax connector and the CX-Z3.</p> <p>Supply TU-Z3 power and confirm presence of a signal at MON out.</p> <p>Confirm proper operation of remote control from RC-Z2A.</p>		Use triax/coax converter
(3)	DC/DC mode operation			<p>Set the TU-Z3 power switch to EXT and connect DC power.</p> <p>Supply TU-Z3 power and confirm presence of a signal at MON out.</p> <p>Confirm proper operation of remote control from RC-Z2A.</p>		
(4)	Voltage withstand test		AC INPUT	<p>Apply the following voltages between the AC plug prongs (except ground) and the chassis.</p> <p>J: 900 VAC, 1 minute or 1080 VAC 1 second U: 1000 VAC, 1 minute or 1200 VAC 1 second P: 1500 VAC, 1 minute or 1800 VAC 1 second See D#8469027</p>	After testing, reassemble equipment and confirm normal operation.	TU-Z3 only
(5)	Insulation resistance test		AC input	<p>Apply 500 VDC between the AC plug prongs (except ground) and the chassis.</p> <p>See D#8469027</p>	More than 5 M Ω	TU-Z3 only



TRIAX/COAX converter