

RADIO-COMMUNICATION SERVICE TESTER

Addition No.3

to the Technical operation guide

ИТЦК468166.002 РЭ

2013

This Addition No.3 to the Technical operation guide ИТЦК468166.002 РЭ is designed for the user's acquaintance with the changes in control of the tester related to addition of the function of the user settings memory.

1 GENERAL INFORMATION

1.1 There was added a possibility of saving in the non-volatile memory of the device by the user 10 parameter settings of the transmitter mode, hereinafter referred to as "Transmitter", and 10 settings of the of measurements of the parameters of the receiver, hereinafter referred to as "Receiver".

1.1.1 In the "Transmitter" mode it is possible to save:

1) settings of the LF generator:

- voltage of modulation;
- frequency of modulation;

2) receiving frequency, only for tuning the FM receiver to a frequency set in the "Transmitter" mode.

1.1.2 The "Receiver" mode saves the HF generator settings:

- 1) HF frequency;
- 2) HF voltage;
- 3) deviation (modulation);
- 4) LF frequency;

1.2 The maximum number of user settings – 10. Numeration from 0 to 9.

The settings are saved and activated separately for the "Receiver" and "Transmitter" modes.

1.3 Switch-over between typing of parameters or selection from the memory is performed by pressing the "0" button in the "MODE" menu.

1.4 Saving of typed parameters is performed by pressing the "1" button in the "MODE" menu.

1.5 Selection of setting from the memory is performed by pressing the "0", ... "9" buttons.

The possibility of changing the settings of the device by typing of a parameter value in the mode "Memory" is switched off.

2 DESCRIPTION OF PERFORMED MEASUREMENTS

2.1 Indication of selection of settings from the memory

In the "Setting of the transmitter/receiver parameters" mode the screen displays:

- 1) number under which settings are saved in the memory;
- 2) memorized settings;
- 3) names of buttons for the functions available in the "Memory" mode.

The screen layout "Setting of the parameters of the transmitter" setting from the memory No.6 is shown in fig.2.1.

TAB MODE		TRANSMITTER FM	
MEMORY #6			
	MODULATION VOLTAGE		1.00 V
	MODULATION FREQUENCY		1.000 kHz
F3	RECEIVING FREQUENCY		1.600 MHz
F4	SWITCH ON MODULATION		
ESC SETTINGS		AFOUT:	RF1:
TRM: 1,600 kHz		-- . -- kHz	

Figure 2.1

2.2 Menu of operation modes.

2.2.1 The menu is activated by pressing the "TAB" button from the modes of the transmitter/receiver and the parameter settings of the transmitter/receiver.

In the menu it is possible to perform:

- 1) switch-over between the modes of changing the settings of the device:
 - by typing a value using the keyboard;
 - by selection of previously programmed settings;
- 2) saving of current settings in the non-volatile memory of the device.

2.2.2 The screen layout is shown in fig.2.2. The mode of typing parameters is set in the device.

TRANSMITTER FM	
F1	RECEIVER OF SETTING
F2	RECEIVER OF MEASUREMENT
F3	OSCILLOGRAPH
F4	OUTPUT OF MODULATION
F5	SETTINGS
0	SWITCH ON MEMORY
1	SAVE SETTINGS

Figure 2.2

2.2.3 Purpose of the menu buttons:

- 1) "0" switching-over between typing and selection from the memory;
- 2) "1" saving settings in the user settingsmemory. Purpose of the other buttons was not changed.

2.2.4 In the menu an action performed by pressing the button "0" is specified. On the Fig.2.2 - go into the mode of selection from the memory.

If in the device the function of automatic switch-over is set, indication of an action when pressing the button "0" is shown below.

0 SWITCH ON TYPING

2.2.5 To save current settings press the "1" button and enter a number from 0 to 9 under which settings will be stored in the user settingsmemory.

Enter is finished by pressing the "ENTER"button.

2.3 "SETTINGS"menu.

2.3.1 Previously saved settings are selected in the "SETTINGS"menu.

In the menu a number of setting and parameters of setting of the device are indicated.

Setting of the deviceis not performed.

The deviceis set by the setting parameters during escape from the menu.

2.3.2 The menu is activated by pressing the "0", ... "9" buttons from the modes of settingsmeasurements.

2.3.3 The screen layout of the "SETTINGS OF RECEIVER" menu is shownin fig.2.3.

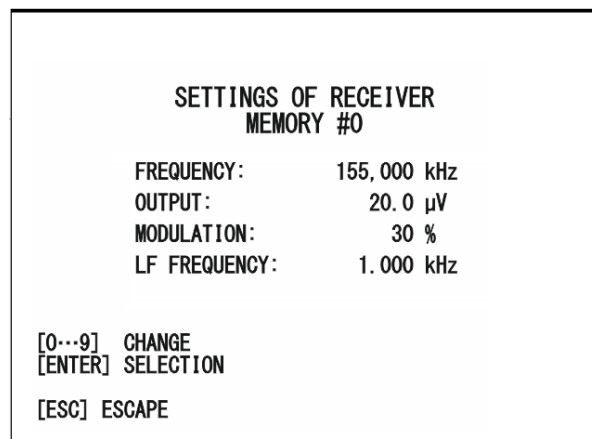


Figure 2.3

2.3.4 Purpose of the menu buttons:

- 1) "0 ... 9" selection of a settingnumber,
- 2) "ENTER" setting of the appliance by parameters of selected setting, escape from the menu,
- 3) "ESC" escape from the menu, remain on previously selected setting.