SPECIFICATION

1.0 THEME CONTENT AND APPLICATION AREA

This standard regulates the specification, testing method, testing regulation, logo, packing, transportation, storage of electronic tuner model EWT-5F3K2-EW. This tuner is executed according to national standard SJ/T.

This standard is suitable for Frequency Synthesis type World Standard Tuner model number EWT-5F3K2-EW.

2.0 INDEX STANDARD:

GB8496-87:

The basic reference and testing method of the electronic tuner of the television broadcasting receiver.

SJ2949-88:

The environmental testing requirement and testing regulation of the tuner used in the broadcasting television receiver.

Q/CKA26-91:

The reliability of affording high temperature requirement and testing method of the electronic tuner of the television broadcasting receiver.

SJ/T:

The basic standard and the testing method for CATV tuner in accordance with the standard of the Electronic Association of the People□ Republic of China.

3.0 BASIC SPECIFICATION:

3.1 RECEIVING SYSTEM: **CCIR: B/G,H,L,L',I & I';OIRT:D/K**

3.2 RECEIVING CHANNEL AND FREQUENCY COVERAGE:

VHF low: E2 ~ S10 (48.25 ~ 168.25MHz)

High: E5 ~ S41 (175.25 ~ 463.25MHz)

UHF: E21 ~E69 (471.25 ~ 855.25MHz)

3.3 INTERMEDIATE FREQUENCIES:

FREQUENCY [1] (Mhz)

SIGNAL	B/G,H	L	L'	D/K	I	I'
Picture carrier1	38.90	38.90	33.40	38.90	39.50	38.90
Colour	34.47	34.47	37.83	34.62	35.07	34.47
Sound 1	33.40	32.40	39.90	32.40	33.50	32.90
Sound 2 (if appliacble)	33.16	-	-		33.00	32.40

Note 1. The oscillator frequency is above the input signal frequency

3.4 THE TERMINAL NAME, WORKING VOLTAGE AND COVER AREA.

PIN NUMBER	TERMINAL NAME	WORKING VOLTAGE
1	AGC (Gain control voltage)	4.0 V
2	TU (Tuning voltage)	---------
3	AS (Address select)	---------
4	SCL (Serial clock)	---------
5	SDA (Serial data)	---------
6	Do not connect	- - - - - -
7	BM (Supply voltage)	+ 5.0 V
8	Do not conntec	- - - - - -
9	BT / LOCK (Tuning voltage supply)	+ 33 V
10	IF2 / GROUND (Symmetrical IF output Asymmetrical IF output IF2 ground)	- - - - - -
11	IF1 Symmetrical/Asymmetrical IF output	- - - - - -

3.5 ANTENNA INPUT INPEDANCE:

75 OHM UNBALANCE

3.6 OUTPUT LOAD INPEDANCE:

75 OHM UNBALANCE (Pin no. 10 need to connect Ground) OR

75 OHM BALANCE

край2