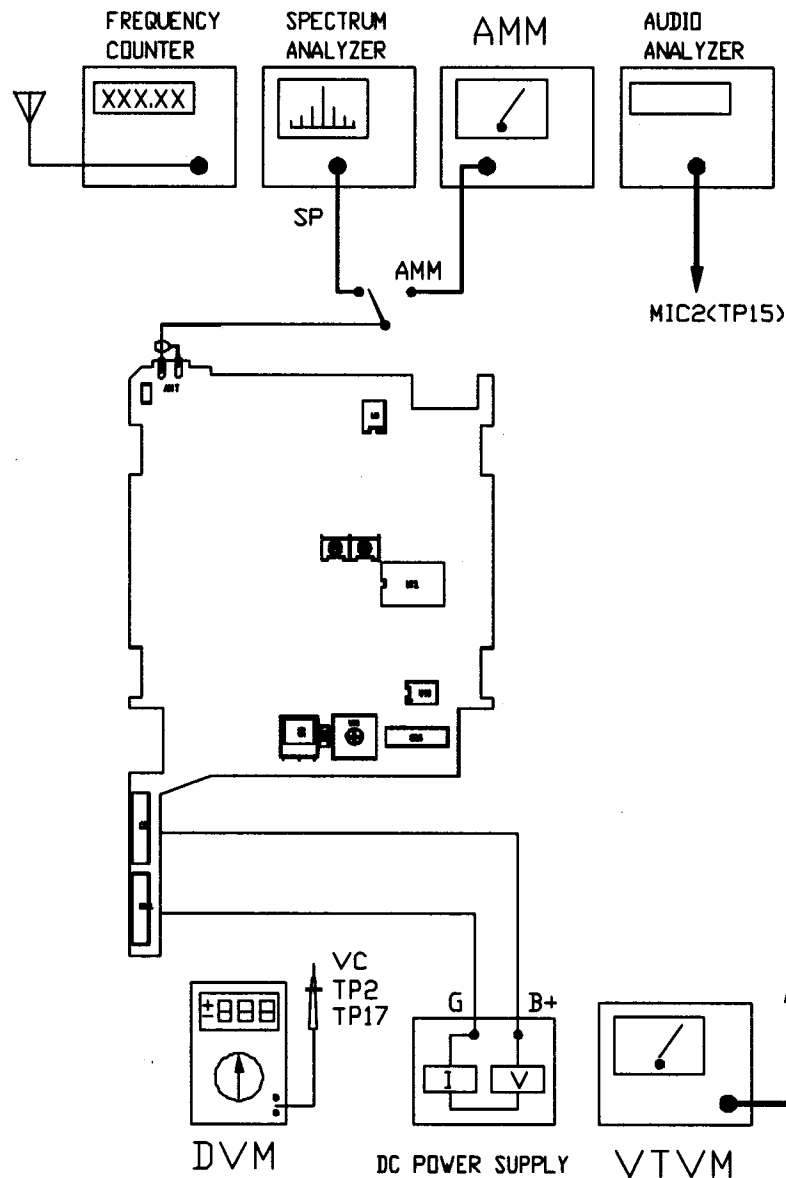


TEST AND ALIGNMENT INSTRUCTIONS

1、 Measuring instruments and test set-up



2.Pre-set

- A、 Audio analyzer : 400Hz, —14.1dBV.
- B、 DC power supply : 9V OUT
- C、 Spectrum analyzer : Frequency start 10MHz
Frequency stop 2.9GHz

TEST AND ALINGMENT INSTRUCTIONS

NO	MEASUREMENTA DJUSTMENT	SET-UP	OBSERVATION	TEST POINT	ADJ	NORMAL VALUE
1	"BATT-LOW" LED	DC POWER SUPPLY 9V	"BATT-LOW" LED	BAT+, BAT -	NO	LED flash one time when switch ON
2	VOLTAGE REGULATOR 9V	DC POWER SUPPLY 9V	DC VOLTAGE METER	TP17	NO	+9V $\pm$ 0.2V
3	VOLTAGE REAUULATOR 5V	DC POWER SUPPLY 9V	DC VOLTAGE METER	TP2	NO	+5V $\pm$ 0.2V
4	CENTER FREQ TRACKING VOLTAGE	SET TO CENTER FREQ	DC VOLTAGE METER	VC	VC4	2.5V $\pm$ 0.2V
5	RF OUTPUT POWER	SPECTRUM 1.FULL SPAN 2. Att 30dB 3. CENTER FREQ	SPECTRUM ANALYZET	ANT	VC1,VC2	1.PEAK:>108dBuV 2.SPURIOUS<-50dBc
6	CURRENT DISSIPATION	DC POWER SUPPLY 3V	CURRENT MATER	BAT+ BAT -	NO	30mA~40mA
7	CENTER FREQUENCY	FRQUENCY COUNTER(100Hz RES)	FREQUENCY COUNTER	ANT	VC3	Fo $\pm$ 4KHz
8	AF 0 dB COMPANDOR	1. SW4 switch to "GT" 2. AUDIO ANALYZER 400Hz, -14.1dBV	AUDIO ANALYZER	TP18	NO	612 mV $\pm$ 12mV
9	MODULATION	AUDIO ANALYZER 400Hz, -14.1dBV	AMM (3.5K LPF)	ANT	VR2	40 $\pm$ 1K
10	MT INPUT	1. SW4 switch to "MT" 2. AUDIO ANALYZER 400Hz, -40dBV	AMM (3.5K LPF)	ANT	NO	40 $\pm$ 4K
11	PREEMPHASIS	AUDIO ANALYZER 10KHz, -14.1dBV	AMM (15K LPF)	ANT	NO	64 $\pm$ 4K LED3 ON
12	TONE DEF (5K DEV)	1.MIC2 (TP5 TO GND) 2.AMM(50K,60K LPF) OR SPECTRUN ANY	AMM OR SPECTRUM ANALYZER MARK Δ TO 32K (NEXT PEAK)	ANT	VR3	5K $\pm$ 0.3K (AMM) -22.5 $\pm$ 0.5dB (SPECTRUN)
13	BATT. LOW DISPLAY	DC VOLTAGE 6.6V DC VOLTAGE 6.3V	LED2 LED2	BAT+ BAT -	NO	LED2 OFF LED2 ON
14	BATT. LOW OFF	DC VOLTAGE 5.5V	LED2	BAT+ BAT -	NO	LED2 ON I<21mA