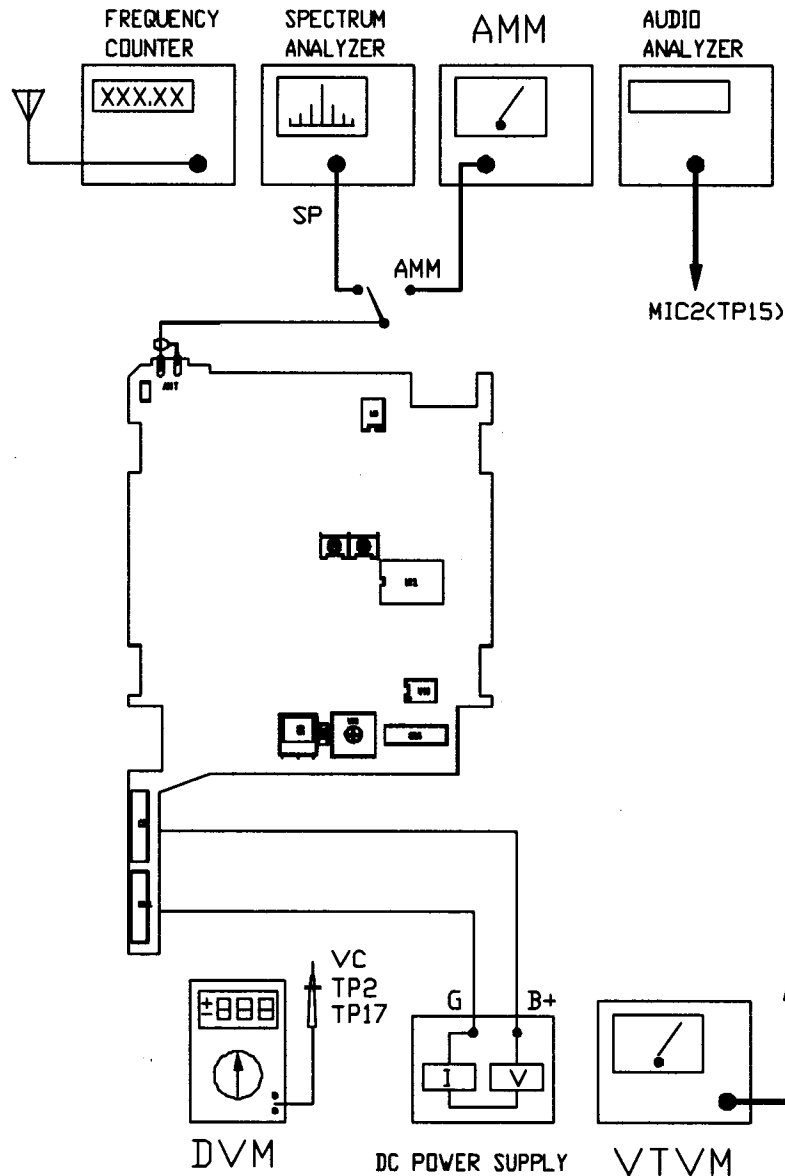


TEST AND ALINGMENT INSTRUCTIONS

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 ALIGNMENT INSTRUCTIONS

NO	MEASUREMENT ADJUSTMENT	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 REGULATOR 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 ANALYZER	ANT	VC1, VC2	1. PEAK: >108dBuV 2. SPURIOUS < -50dBc
6	CURRENT DISSIPATION	DC POWER SUPPLY 3V	CURRENT METER	BAT+ BAT -	NO	30mA ~ 40mA
7	CENTER FREQUENCY	FREQUENCY 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 SPECTRUM ANY	AMM OR SPECTRUM ANALYZER MARK Δ TO 32K (NEXT PEAK)	ANT	VR3	5K \pm 0.3K (AMM) -22.5 \pm 0.5dB (SPECTRUM)
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