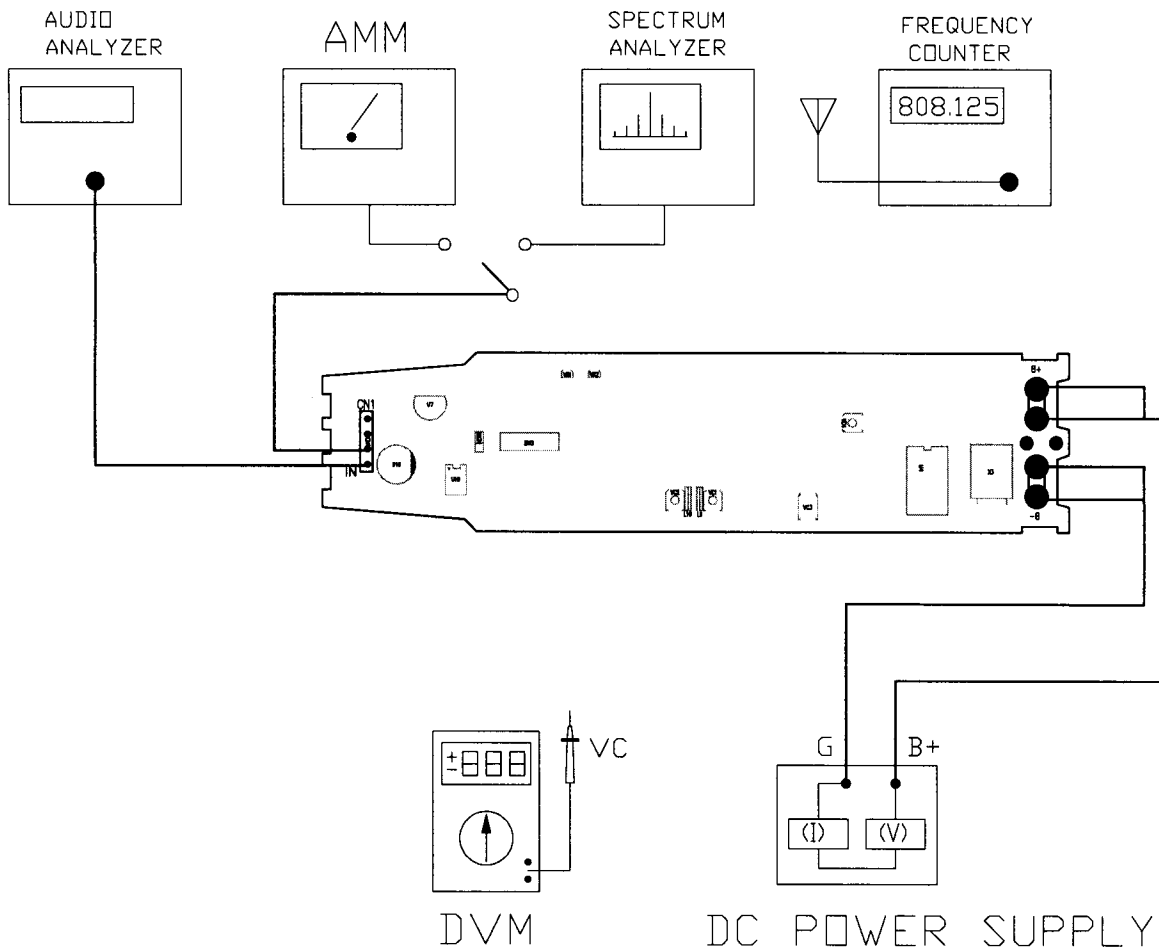


TEST AND ALINGMENT INSTRUCTIONS

1、 Measuring instruments and test set-up



2.Pre-set

- A、 Audio analyzer : 400Hz, -27.9dBV .
- 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 3V	DC POWER SUPPLY 9V	DC VOLTAGE METER	TP12	NO	+3V ±0.25V
3	VOLTAGE REGULATOR 5V	DC POWER SUPPLY 9V	DC VOLTAGE METER	TP9	NO	+5V ±0.25V
4	CENTER FREQ TRACKING VOLTAGE	SET TO CENTER FREQ	DC VOLTAGE METER	VC	VC4	2.5V ±0.2V
5	RF OUTPUT POWER	SPECTRUM 1.FULL SPAN 2. Att 20dB 3. CENTER FREQ	SPECTRUM ANALYZET	ANT	VC1,VC2	1.PEAK:>108dBuV 2.SPURIOUS>-50dBc
6	CURRENT DISSIPATION	DC POWER SUPPLY 9V	CURRENT MATER	BAT+ BAT -	NO	28mA~40mA
7	CENTER FREQUENCY	FRQUENCY COUNTER(100Hz RES)	FREQUENCY COUNTER	ANT	VC3	Fo ±4KHz
8	AF 0 dB COMPANDOR	1. SW4 switch to "GT" 2. AUDIO ANALYZER 400Hz	AUDIO ANALYZER	PEO	NO	612 mV ±12mV
9	MODULATION	AUDIO ANALYZER 400Hz	AMM (3.5K LPF)	ANT	VR2	40 ±1K
10	PREEMPHASIS	AUDIO ANALYZER 10KHz	AMM (15K LPF)	ANT	NO	60 ±4K
11	TONE DEF (4K DEV)	AMM(50K,60K LPF) OR SPECTRUN ANY	AMM OR SPECTRUM ANALYZER MARK Δ TO32K (NEXT PEAK)	ANT	VR3	4K ±0.2K (AMM) -24.5 ±0.2dB (SPECTRUN)
12	BATT. LOW DISPLAY	DC VOLTAGE 6.6V DC VOLTAGE6.3V	LED2,LCD LED2,LCD	BAT+ BAT -	NO	LED OFF. LED ON.
13	BATT. LOW OFF	DC VOLTAGE 5.5V	LCD CURRENT METER	BAT+ BAT -	NO	LED ON, I<21mA

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