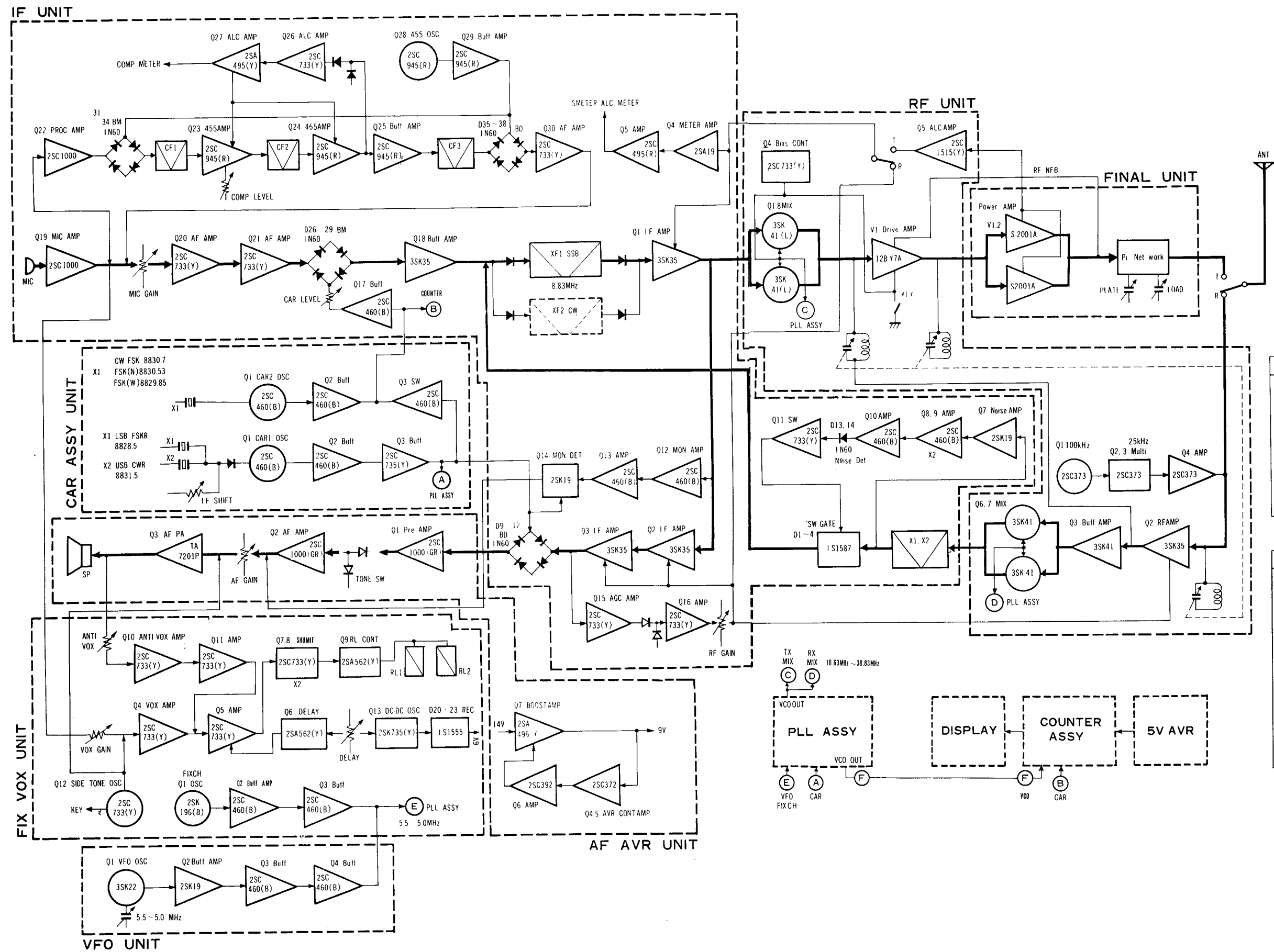


TS-820 BLOCK DIAGRAM



CAR FREQ		
MODE	FREQ	OSC
LSB	8828.5	CAR1
USB	8831.5	CAR1
CW(T)	8830.7	CAR2
CW(R)	8831.5	CAR1
FSK(S)	8830.7	CAR2
FSK(MN)	8830.53	CAR2
FSK(MW)	8829.85	CAR2
FSK(R)	8828.5	CAR1

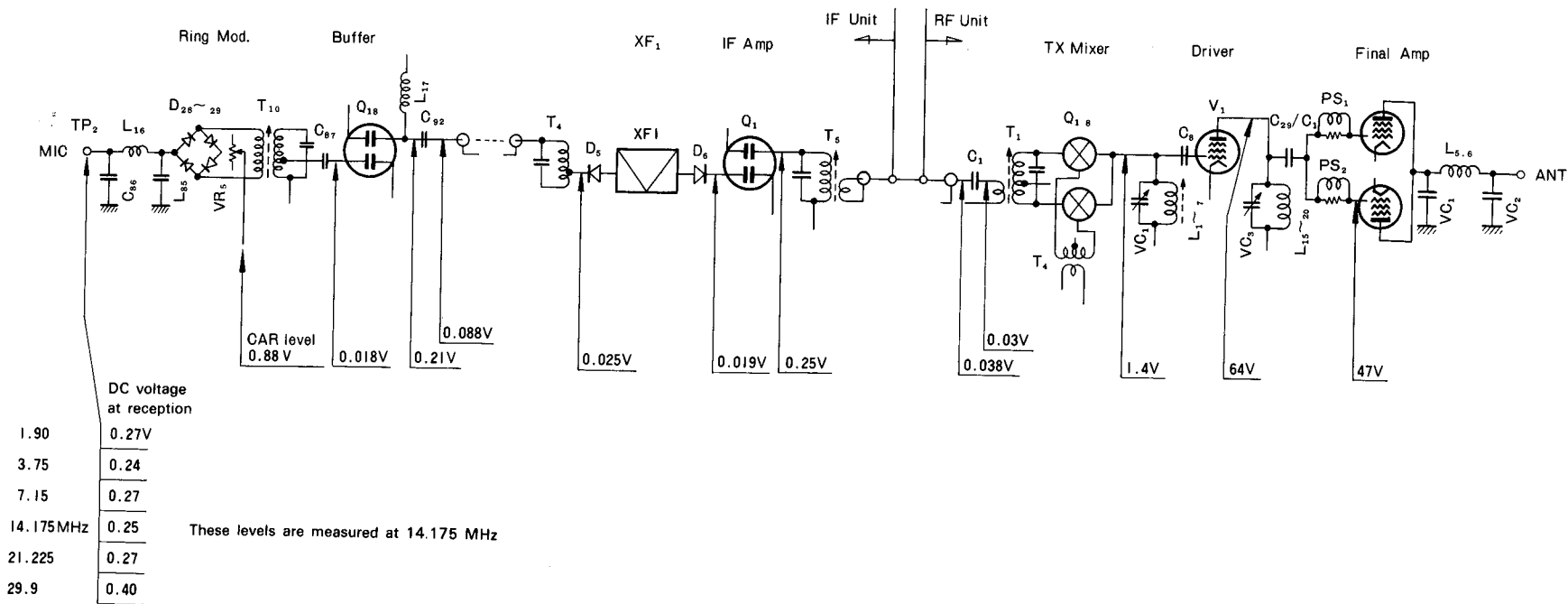
T RFEQ(VCO)	
BAND	FREQ
JJY/wwV	23.83~24.33
1.8	10.63~11.13
3.5	12.33~12.83
7	15.83~16.33
14	22.83~23.33
21	29.83~30.33
28	36.83~37.33
28.5	37.33~37.83
29	37.83~38.33
29.5	38.33~38.83
AUX	

LEVEL DIAGRAM

TRANSMITTER SECTION

MOD: CW
SG: OFF
Adjust CAR LEVEL for maximum indication of the ALC meter and measure signal level at each point.

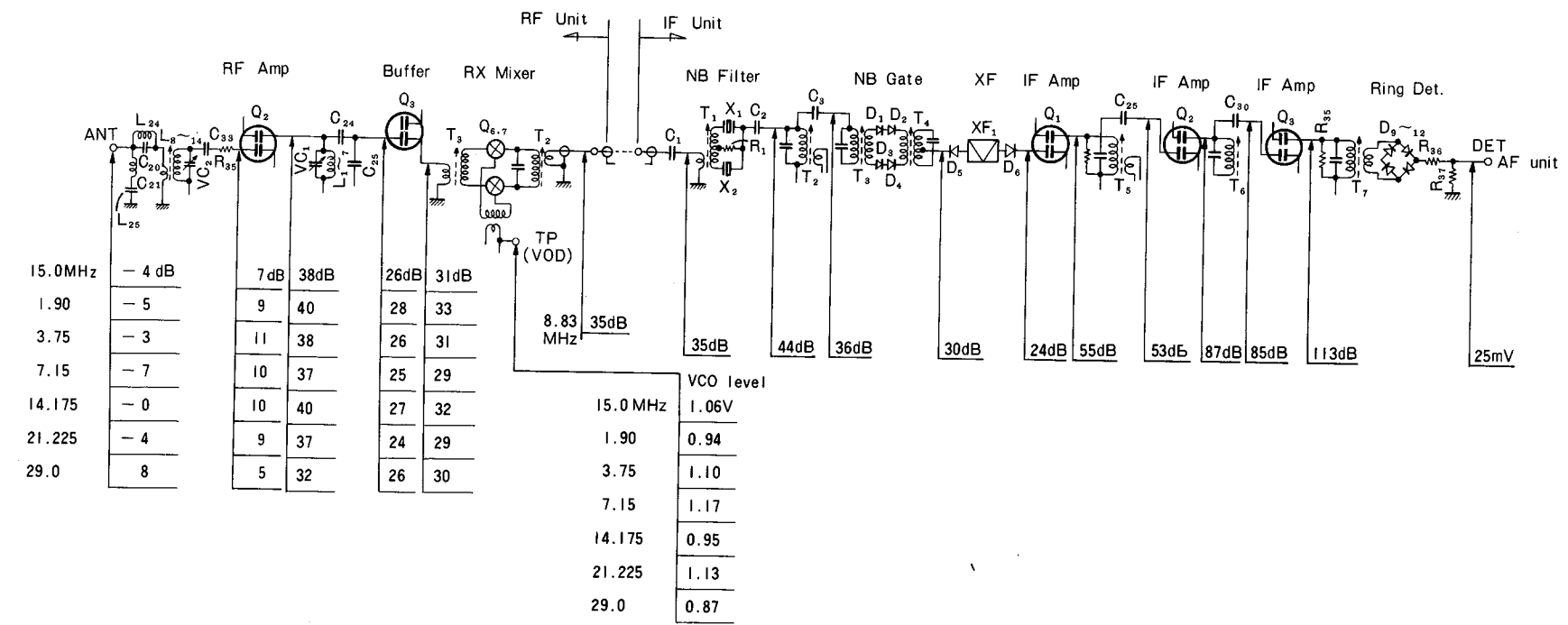
NOTE:
When SG = ON, the level preceding the driver stage increases because of RF NFB.



RECEIVER SECTION

MODE: CW
AGC: OFF
RF Gain: MAX

1. Apply the SSG signal (0 dBμ at 14.175 MHz) to ANT terminal. Adjust AF GAIN for 0.63V/8Ω AF output and keep it's position.
2. Connect SSG to each point and adjust SSG output for 0.63V/8Ω AF output. Next read out SSG output in dBμ. (50Ω SSG load open circuit voltage.)
3. In other band, measure the level in the same way.



CONNECTOR TERMINALS

