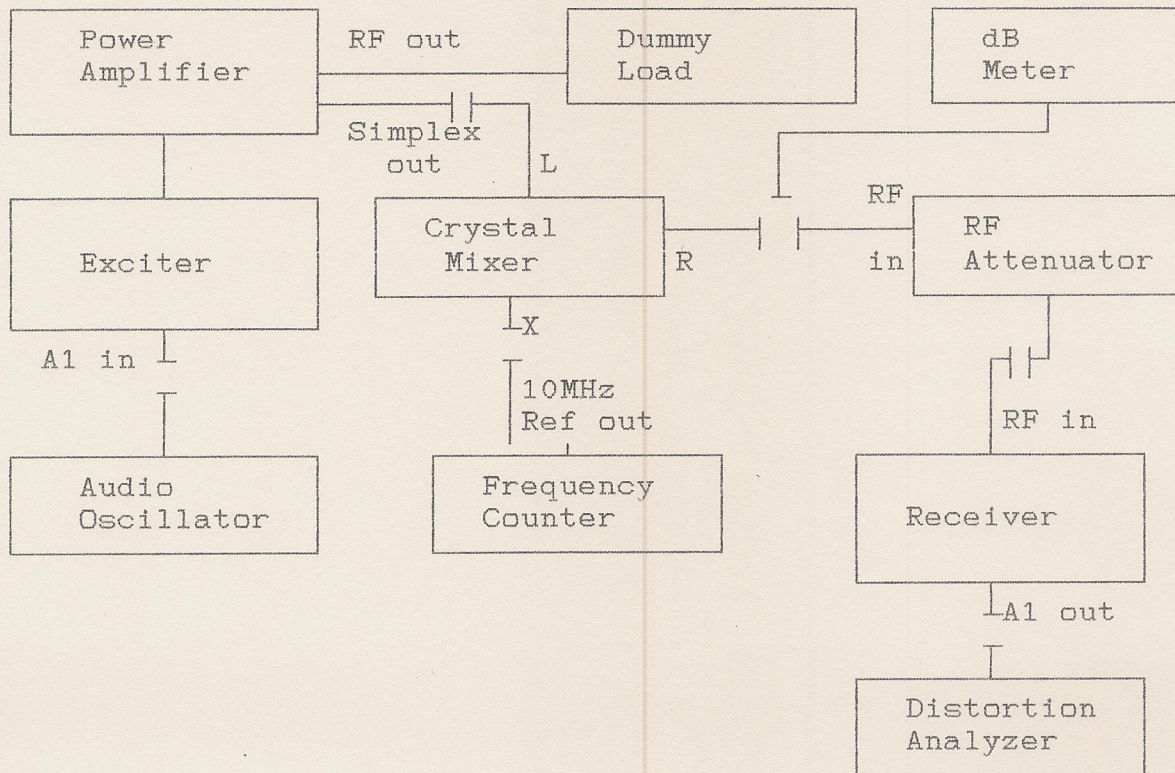


Receiver Dynamic Performance Test

A. Connect equipment as diagramed below



- B. Set Audio Oscillator to 1Khz at 0dB.
- C. Set Exciter to A1 15.0000 MHz and Receiver to A1 5.0000 MHz.
- D. Key transmitter and measure output level of Mixer with dB meter. Make note of this reading.
- E. Set the RF Attenuator to zero attenuation and connect it to the Mixer output.
- F. With the transmitter keyed, increase the attenuation to the maximum level required to maintain a 10dB s/n ratio on the Distortion Analyzer. Make note of this reading.
- G. The reading on the attenuator (step F) should be equal to or greater than the difference between 110 and the reading obtained in step D.

Example: dB out of mixer = -40dB

$$110 - 40 = 70$$

Reading on Attenuator should be 70dB.