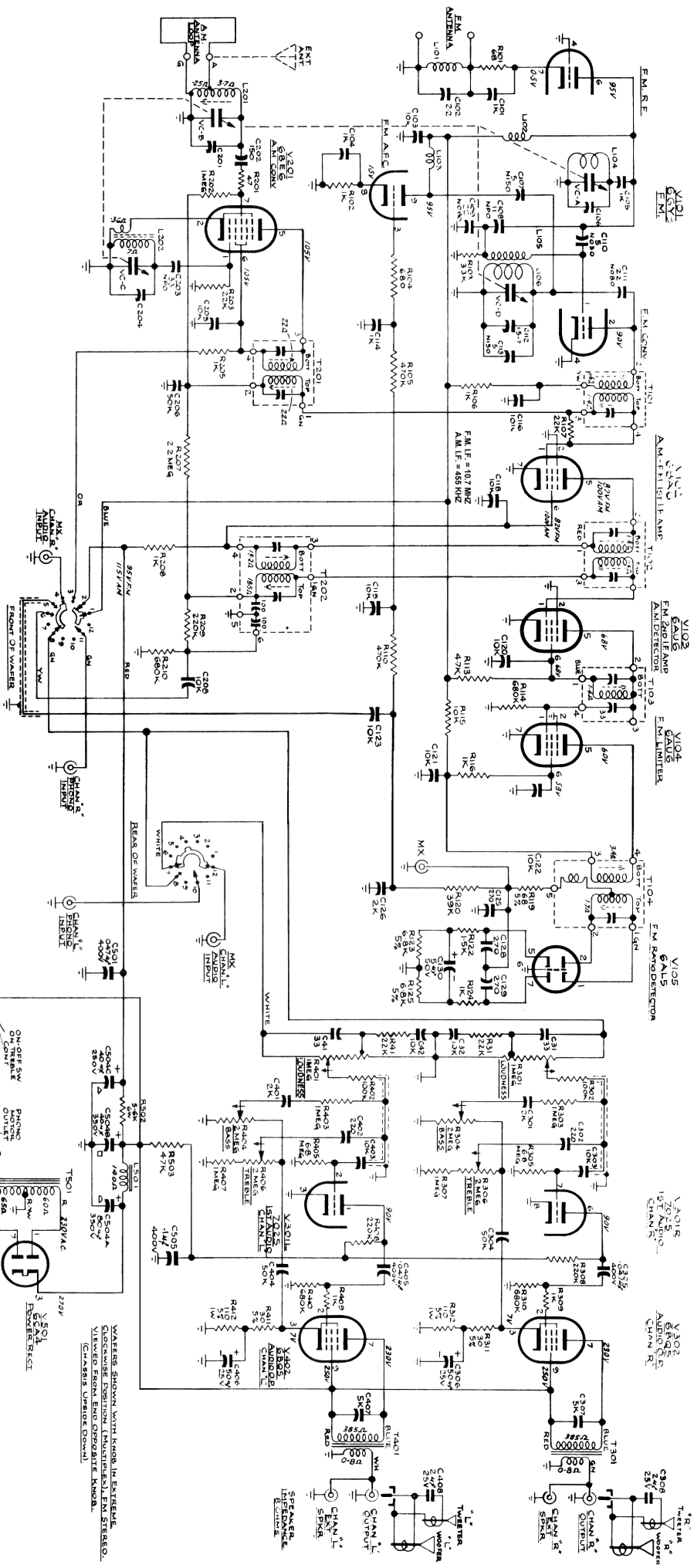




F M RADIO ALIGNMENT

Switch Function Switch to FM position.

1. Set Signal Generator to 10.7 mcs. with 30% AM modulation at 400 cycles. Apply Signal to grid of V104 through .01 mfd capacitor. Set VTVM to low DC range and connect between chassis and negative end of C130.
2. With a minimum of input signal applied, adjust bottom of T104 for maximum reading.
3. Signal Generator as in step 1, but with output at maximum. Connect VTVM between chassis and junction of R120 and C126. Adjust top of T104 for zero meter reading. Reading can be swung positive or negative from this setting.
4. Connect VTVM and set Signal Generator as in step 1, but connect output test clip to body of C110 (loose capacitive coupling). Adjust T103 (single adjustment), top and bottom of T102, top and bottom of T101 for maximum reading on VTVM.
5. Connect Signal Generator (with 400 cycle modulation at 22.5 Kcs. deviation) to FM antenna terminals. Set Generator and Receiver to 105 mcs. and adjust FM oscillator trimmer C112 to set oscillator.
6. Adjust RF trimmer C106 for maximum output at 105 mcs.

Sparton 10M5

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