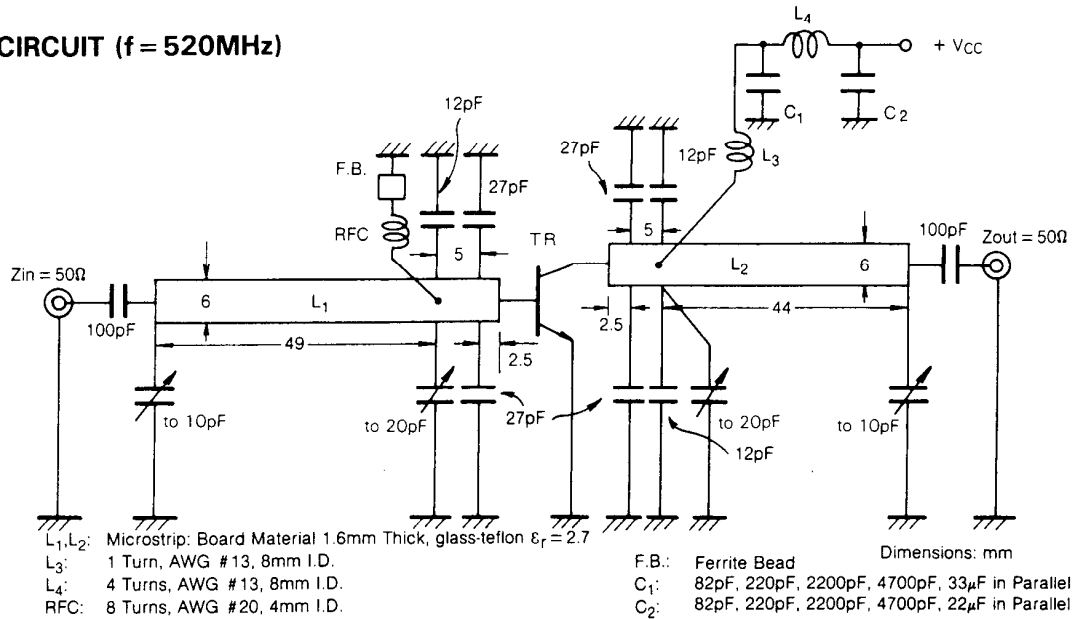




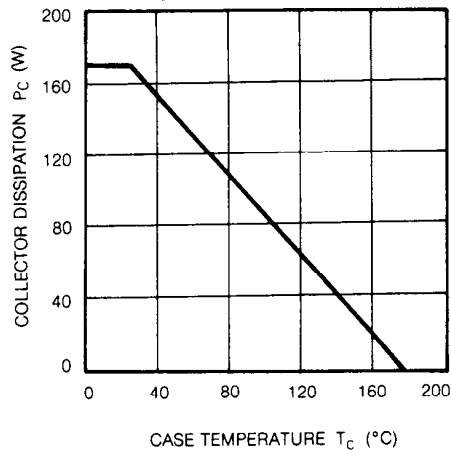
**NPN EPITAXIAL PLANAR TYPE**

**TEST CIRCUIT ( $f = 520\text{MHz}$ )**

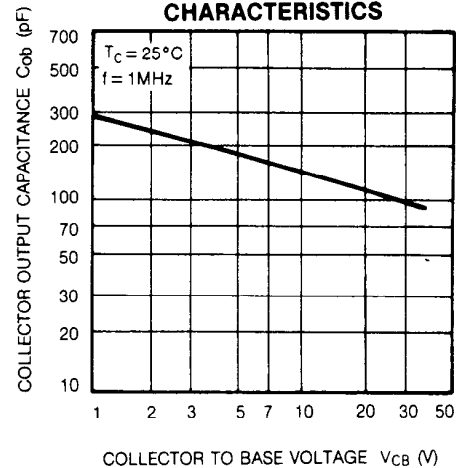


**TYPICAL PERFORMANCE DATA**

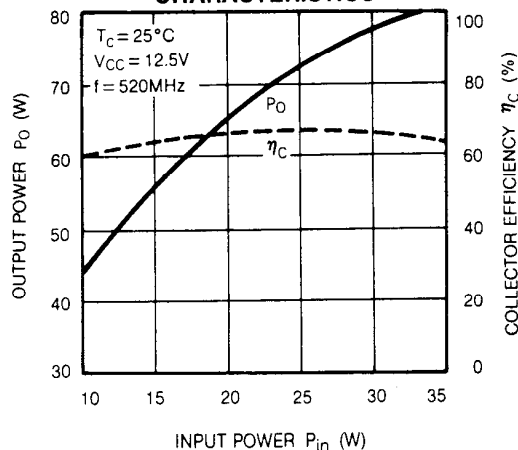
**COLLECTOR DISSIPATION VS. CASE TEMPERATURE CHARACTERISTICS**



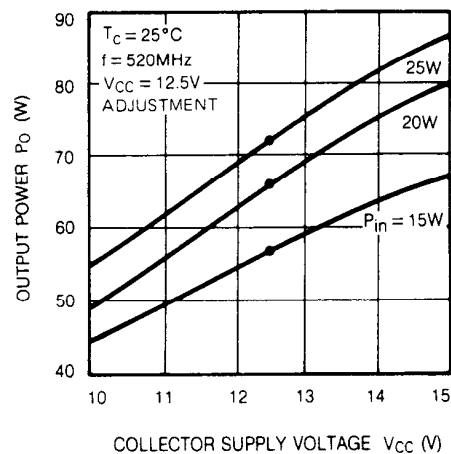
**COLLECTOR OUTPUT CAPACITANCE VS. COLLECTOR TO BASE VOLTAGE CHARACTERISTICS**



**OUTPUT POWER, COLLECTOR EFFICIENCY VS. INPUT POWER CHARACTERISTICS**

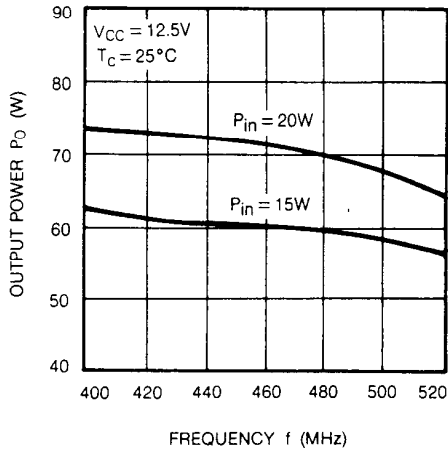


**OUTPUT POWER VS. COLLECTOR SUPPLY VOLTAGE CHARACTERISTICS**

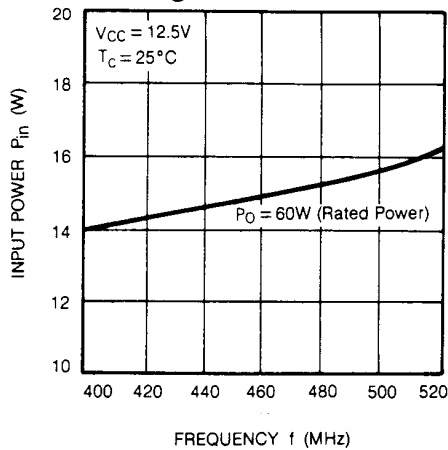


NPN EPITAXIAL PLANAR TYPE

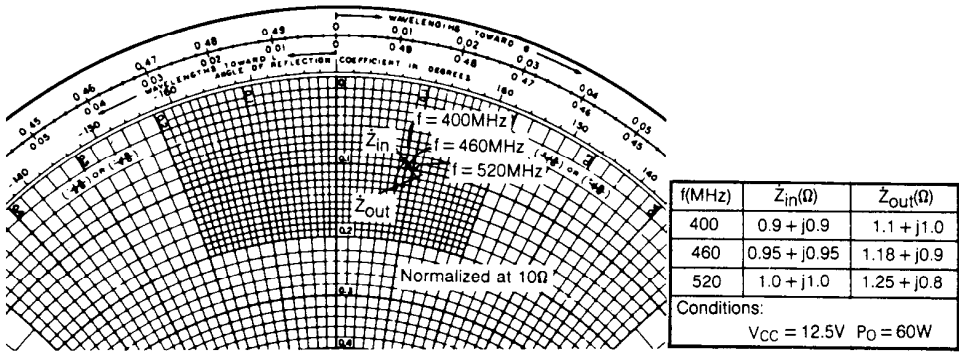
OUTPUT POWER VS. FREQUENCY CHARACTERISTICS



INPUT POWER VS. FREQUENCY CHARACTERISTICS @ RATED POWER



SERIES INPUT AND OUTPUT IMPEDANCE VS. FREQUENCY CHARACTERISTICS, 2SC3102



TEST CIRCUIT BOARD LAYOUT ( $f = 520MHz$ )

