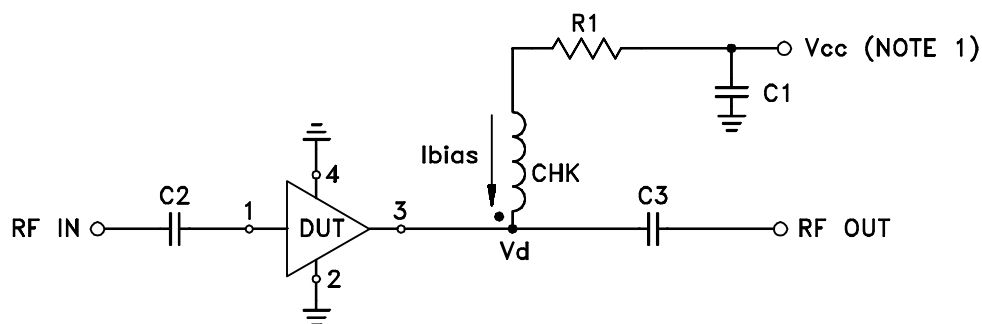


Diagram illustrating the internal components and connections of the TB-545-1+ test fixture. The components shown include:

- 547A-01**: A component at the top of the fixture.
- MCL**: A component in the center of the fixture.
- +5V**: A power source connection.
- GND**: Ground connection points.
- BC**: A component near the bottom center.
- DUT**: Device Under Test, located at the bottom.
- CHK**: A component near the bottom right.
- RF IN**: Radio Frequency Input port on the left.
- RF OUT**: Radio Frequency Output port on the right.
- Vcc**: Power supply input on the left.
- R1**: A component near the top left.
- C1, C2, C3, C4, C5**: Various capacitors or components labeled around the perimeter.

The fixture is labeled **TB-545-1+** at the bottom.



COMPONENT	VALUE
DUT	PHA-1+
C1 (bypass)	0.1 uF
C2-C5 (Note 4)	0.001 uF
R1	0 Ohm, 0.25W
CHK	Mini-Circuits TCCH-80+

Schematic Diagram

1. Vcc voltage: $+5 \pm 0.2V$.
2. SMA Female connectors.
3. PCB material: Rogers RO4350 or equivalent, dielectric constant=3.5, dielectric thickness=.020 inch.
4. Capacitor C2–C5 should be free of resonance up to the highest frequency specified.

DWG NO:TB-545-1-20+
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