

The Agilent 83630A synthesized sweeper is the standard of excellence for applications requiring the high performance and accuracy of a synthesized source and the speed and versatility of a sweep oscillator. Synthesized broadband frequency coverage and precise 1 Hz frequency resolution (Opt 008) are generated by indirect synthesis, enabling the Agilent 83630A to achieve low single-sideband phase noise performance. It delivers excellent harmonic performance with harmonics at least 50 dB below the carrier from 2.0 to 26.5 GHz.

- Scan modulation to simulate antenna scan patterns
- Accurate fixed and swept frequency offset for two-tone measurement
- User flatness correction for leveling at remote points in the test system
- General purpose source for use in component test, receiver test and for frequency conversion
- Sweep Modes: Step, List, Ramp
- Maximum Power: +13.0 dBm
- Power Sweep Range: -20 dBm to maximum power
- Phase Noise (26.5 GHz at 10 KHz):-74 dBc
- Max FM Deviation (locked): +/- 8 MHz