



# 83631A Synthesized Source, 45 MHz to 26.5 GHz

## Data Sheet

### Product Specifications

Specifications are the Agilent 8510 specifications, plus the following:

**Range:** 45 MHz to 26.5 GHz

**Resolution:** 1 Hz

**Accuracy:**

CW Mode: Same as time base Swept Mode

Sweep Widths  $\leq n \times 10$  MHz: 0.1% of sweep width  $\pm$ time base accuracy

Sweep Widths  $> n \times 10$  MHz and  $\leq 400$  MHz: 1% of sweep width

Sweep Widths  $> 400$  MHz and  $\leq 4$  GHz: 4 MHz

Sweep Widths  $> 4$  GHz: 0.1% of sweep width

### Output Power Specifications

**Maximum Leveled:**

Frequencies  $\leq 20$  GHz: +10dBm

Frequencies  $> 20$  GHz and  $< 26.5$  GHz: +4dBm

**Minimum Settable:** -20 dBm



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