

General specifications

Dimensions (H x W x D): 8.75 x 16.75 x 24.63 in
(222 x 426 x 625 mm), 7 rack spaces high

Weight: 66 lbs (30 kg)

Display: 10.5 in (26.7 cm), active matrix, color, liquid crystal

LAN (local area network) port (for firmware upgrades and protocol logging only): RJ-45 connector, 10 base T Ethernet with TCP/IP support

Operating temperature: 0 to +55 °C

Storage temperature: -20 to +70 °C

Power: 100 to 240 Vac, 50 to 60 Hz, 550 VA maximum

Calibration interval: 2 years

EMI: conducted and radiated interference meets CISPR-11

Radiated leakage due to RF generator: typically < 1 μV induced in a resonant dipole antenna one inch from any surface except the underside and rear panel at a set RF generator output frequency and output level of -40 dBm

Power consumption: typically 400 to 450 W continuous

Measurement speed: typical measurement speed based on using at least a 600 MHz Pentium® II processor PC and with the display off mode selected on the E5515C; measurement speeds include the total time from GPIB measurement request until the controller receives the result using the INT/FETCH commands; due to variations of trigger latencies and internal test set processor loading, individual measurement times may be faster or slower; measurement speeds also vary depending on the controller GPIB environment and processor speed

Analog measurements

Measurement name	One measurement	Five measurements
Analog Tx power	15 ms	41 ms
Frequency modulation (with deviation result)	134 ms	448 ms
Frequency modulation (with deviation and distortion results)	163 ms	528 ms
Frequency stability	174 ms	754 ms
Audio analyzer (with level result)	65 ms	284 ms
Audio analyzer (with level, SINAD, and distortion results)	96 ms	314 ms

CDMA measurements

Measurement name	One measurement	Ten measurements
Channel power (normal mode)	73 ms	616 ms
Channel power (fast mode)	28 ms	210 ms
Channel power (very fast mode)	9 ms (estimate)	34 ms (estimate)
Average power (RC3)	199 ms	1773 ms
Dynamic power (20 steps)	400 ms (estimate)	NA
Maximum minimum power	TBD	NA
Waveform quality IS-95, RC1, or RC2	170 ms	1001 ms
Waveform quality IS-2000 RC3/4	202 ms	1385 ms
Code channel time and phase error	299 ms	2326 ms
Handoff waveform quality	735 ms	NA
Gated power (100 measurements)	157 ms	3352 ms
Tx spurious response	338 ms	2566 ms
Time response of open loop power	1210 ms	NA