

스펙

ZVT 벡터 네트워크 분석기



umber of test ports		2 to 8 (R&S®ZVT8) 2 to 6 (R&S®ZVT20)
Frequency range		300 kHz to 8 GHz (R&S®ZVT8) 10 MHz to 20 GHz (R&S®ZVT20)
Measurement time per test point		
	At 1 MHz IF bandwidth	<3.5 µs
Sampling time per test point		
	At 5 MHz IF bandwidth (with R&S®ZVA-K17option)	430 ns
Measurement time (201 test points)		4.5 ms
Data transfer time (201 test points)		
	Via IEC/IEEE bus	<2.9 ms
	Via VX11 over 100 Mbit/s LAN	<1.3 ms
	Via RSIB over 100 Mbit/s LAN	<0.7 ms
Switching time		
	Between channels	<1 ms
	Between instrument setups	<10 ms
Dynamic range at 10 Hz measurement bandwidth, between test ports		128 dB, typ. 138 dB (R&S®ZVT8) 120 dB, typ. 133 dB (R&S®ZVT20)
Output power at test port		>13 dBm, typ. 15 dBm
Power sweep range		>50 dB, typ. up to 60 dB
IF bandwidth		
	Standard	1 Hz to 1 MHz
	With R&S®ZVA-K17option	5 MHz (10 MHz with restrictions)
	With R&S®ZVA-K7option	10 MHz (30 MHz with restrictions)
Number of channels, diagrams, traces		>100 each
Number of test points per trace		1 to 60001
Operating system		Windows XP Embedded