Sage 925VST
Test Specifications
Packet Voice Impairment Test (PVIT)

PVIT Description

The Sage Packet Voice Impairment Test (PVIT) provides detailed diagnostic information about events that impact voice clarity over packet switched networks, including:

•Voice frame losses

•Voice frame slips (also known as jitters)

•Voice clippings

•Noise hits

PVIT works by sending a complex test signal over the network, and measuring events that degrade that signal. The test:

•Measures four types of impairment events

•Displays cumulative event counts in real time

•Displays details about events as they occur

•Accumulates data over the test period

PVIT Specifications

	Range	Default
PVIT Signal	-40 dBm to 3 dBm	-16 dBm
Test Duration	1 to 99999 seconds or continuous	300 seconds

Measurement Precision

Voice Frame Loss	±2 ms
Voice Frame Slip (jitter)	±0.5 ms
Voice Clipping	±2 ms
Noise Level	±1 dB
Percentage Voice Frame Loss	±10% of actual percentage of frame loss