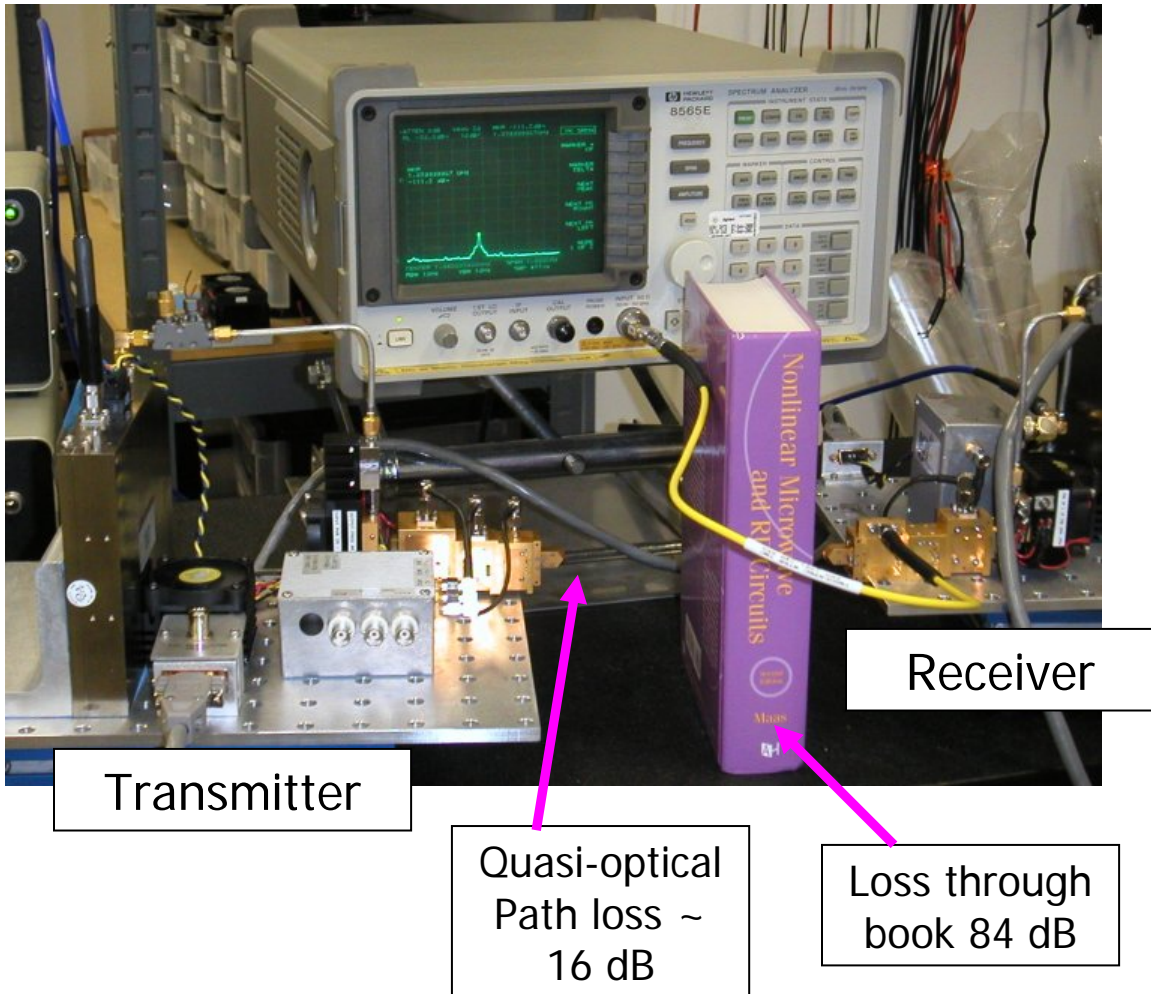


New 340-360GHz Transmitter/Receiver System

March 2007

VDI has developed a new 340-360GHz transmitter/receiver system. Driven by synthesizers through turn-key operation, the system is fully sweepable across the band with 1Hz frequency resolution. The phase-locked transmitter and receiver are individually computer-controlled, and together provide high power and low noise.

The figure below shows the signal detected through a textbook. The high power, low loss properties of the system allow an accurate measurement of the quasi-optical loss through the book.



Please contact VDI today for additional details (434) 297-3257