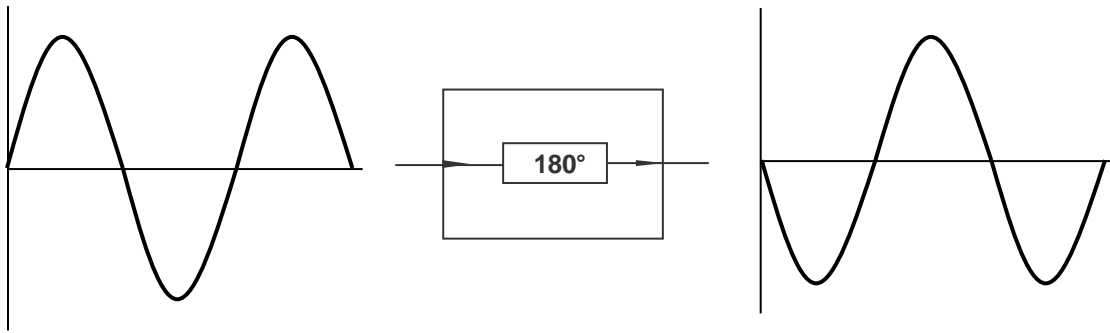


BROADBAND PULSE INVERTER (200 kHz to 65 GHz)

INV-0065

Page 2

Block Diagram



Typical Performance

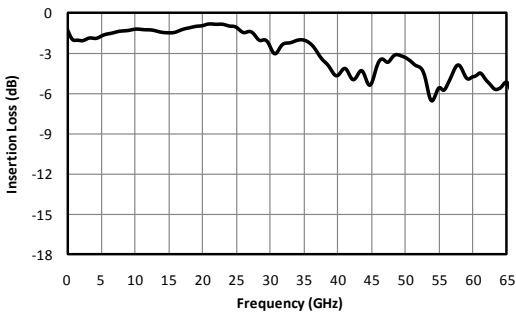


Fig. 1. Insertion loss.

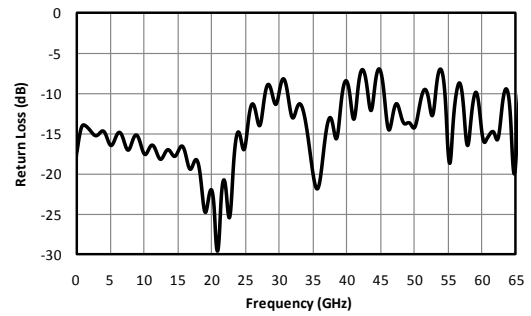


Fig. 2. Return loss.

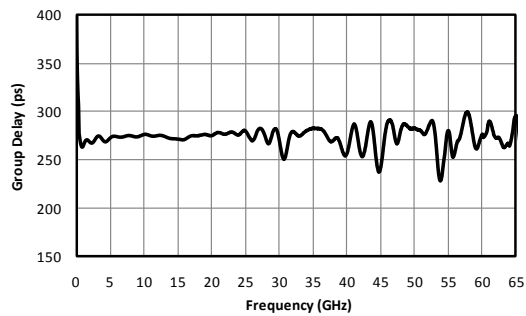


Fig. 3. Group Delay.

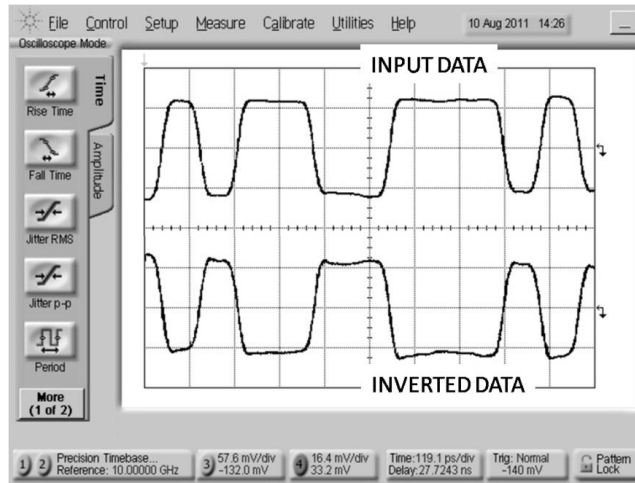


Fig. 4. Oscilloscope measurements of the INV-0065 with a 10 Gb/s PRBS pattern. Bit pattern is measured with a 2^7-1 PRBS input demonstrating extremely good pulse fidelity for the inverted output.

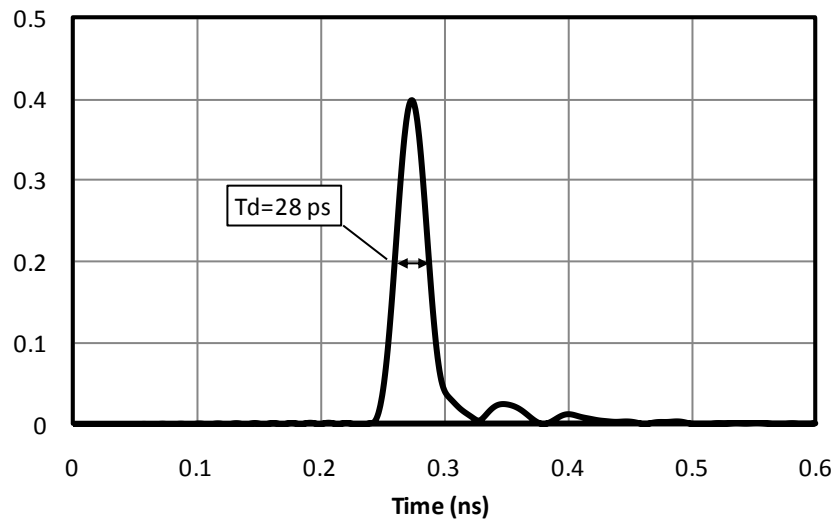


Fig. 5. Impulse response generated through TDR measurement in AWR Microwave Office® 2010, calculated using measured S-parameter data.

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