



Planar Monolithics Industries, Inc.
7311-F Grove Rd.
Frederick, MD 21704
Ph: (301) 662-5019 Fax: (301) 662-1731
www.pmi-rf.com

Typical Characteristics For SDLVA-0120-70 OPT 100M2G, 10DBM

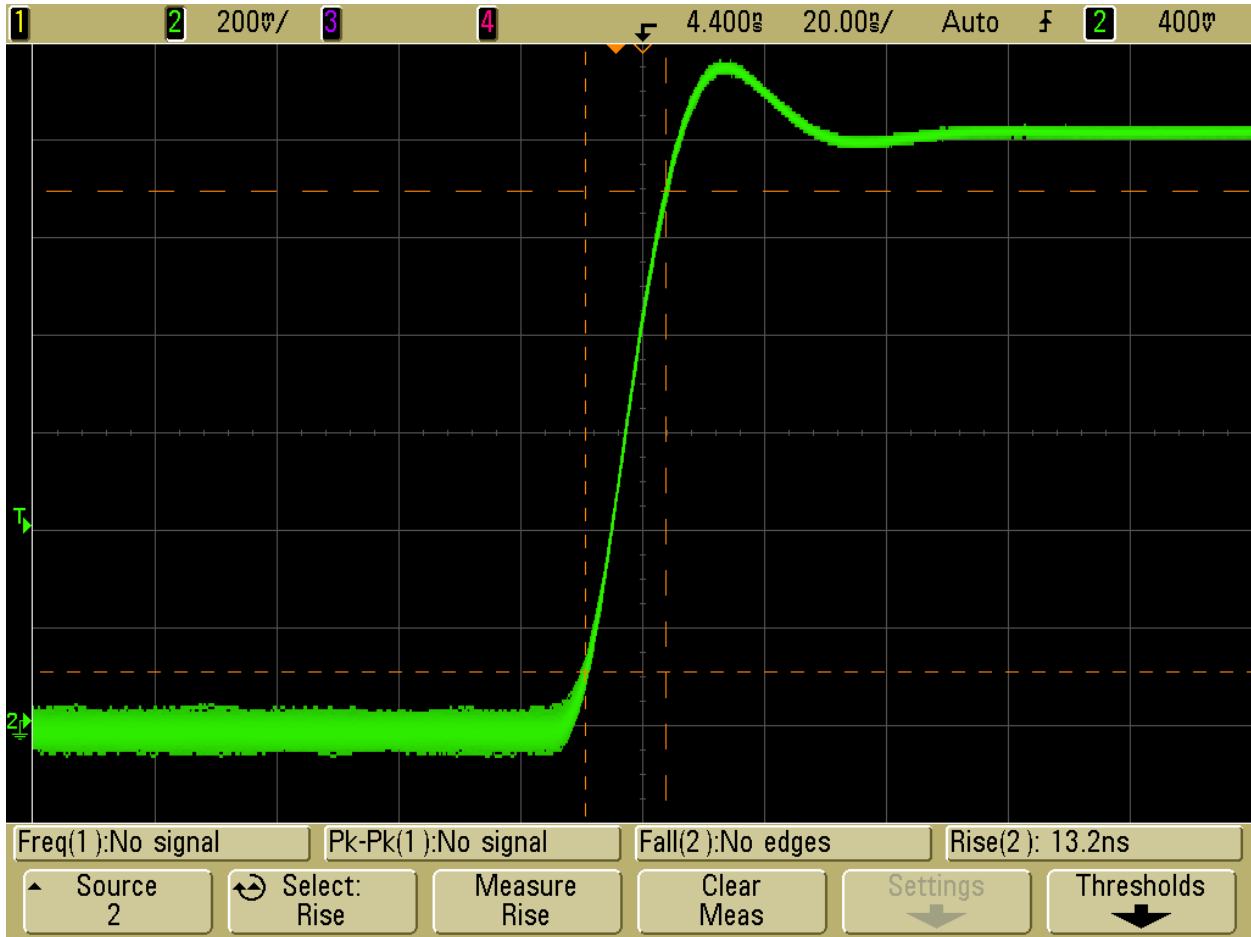


February 24, 2011
Reported by: Dave Durbin



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Rise Time @ +5 dBm

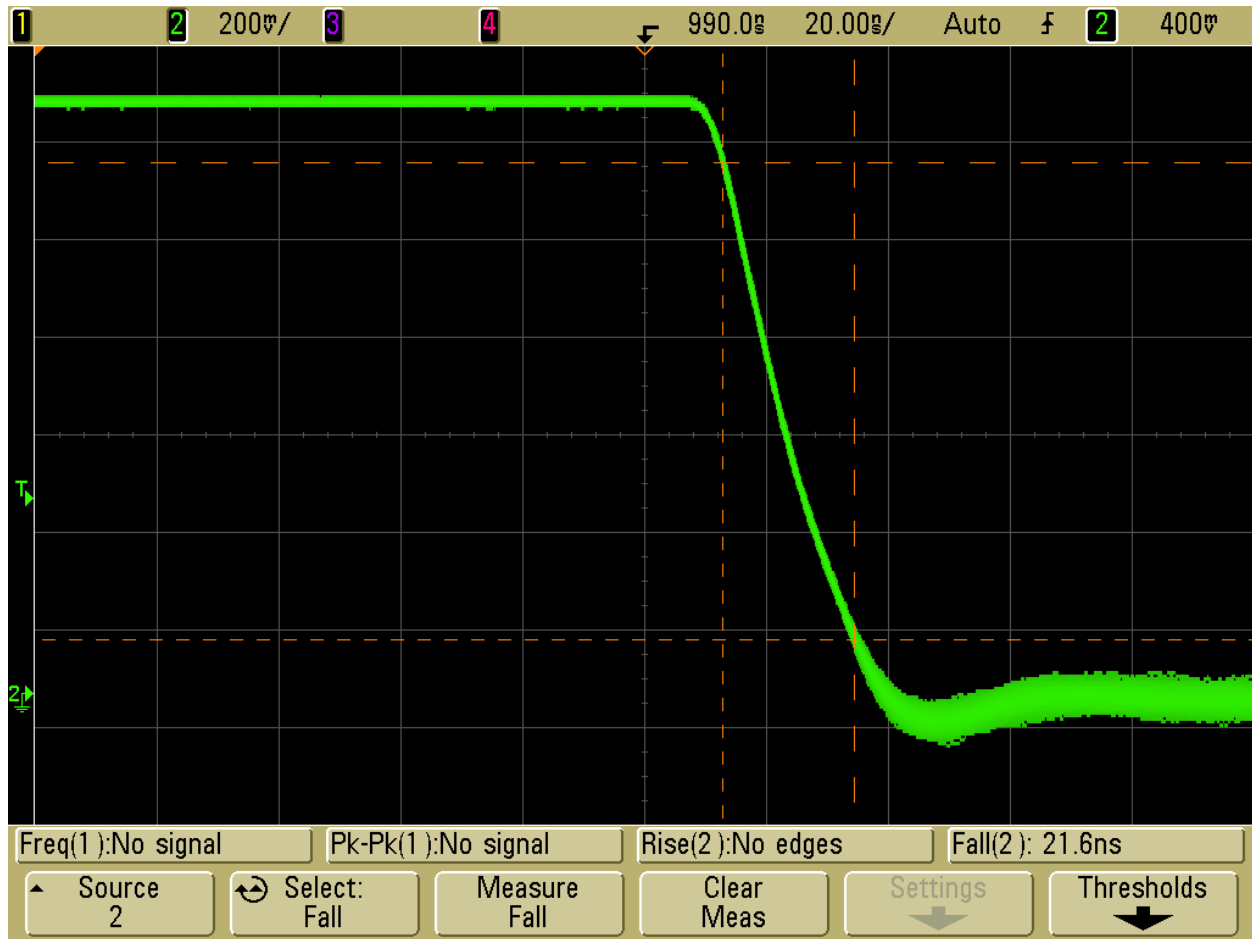


Channel 1: Video output terminated in 100 Ohms



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Fall Time @ +5 dBm

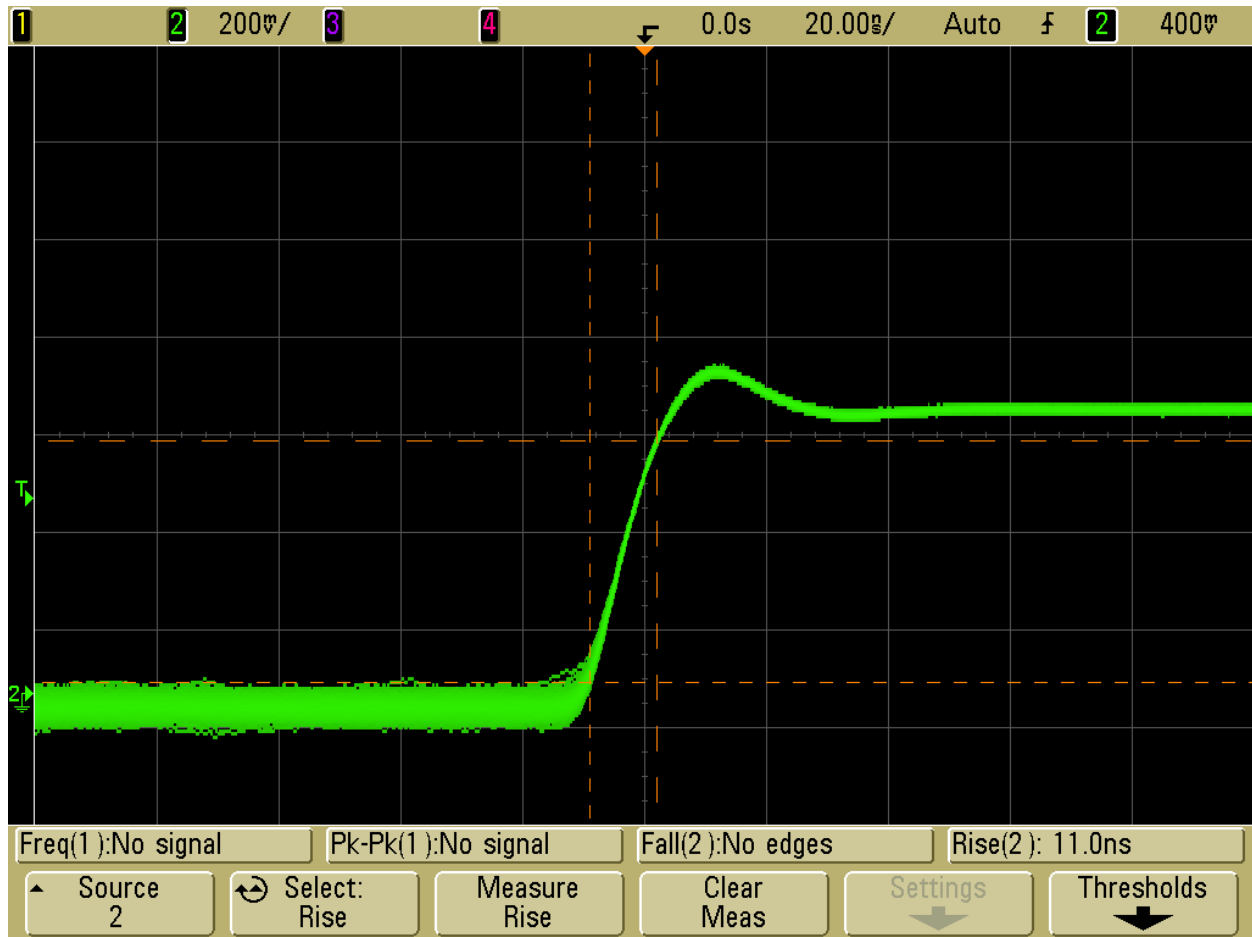


Channel 1: Video output terminated in 100 Ohms



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Rise Time @ -30 dBm

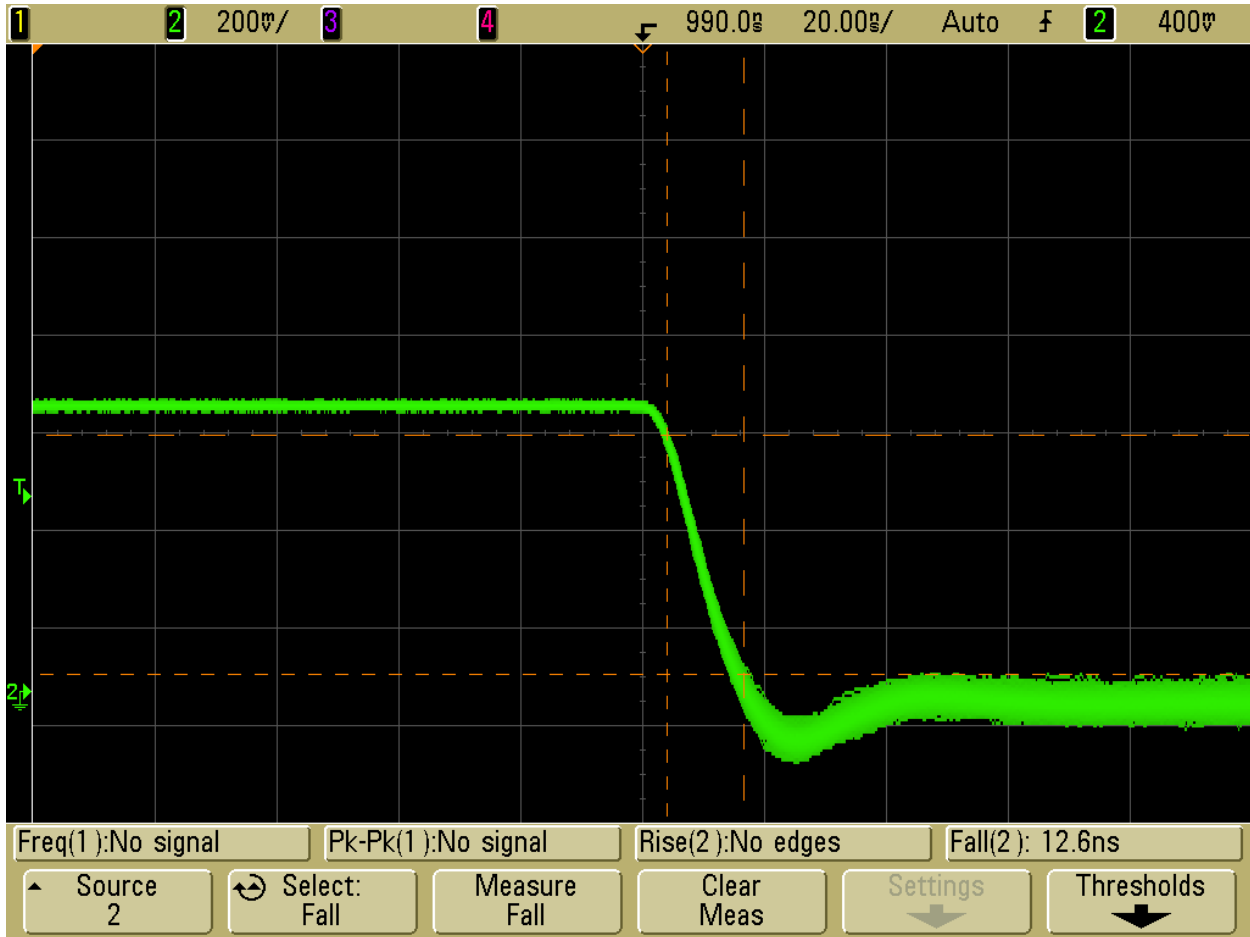


Channel 1: Video output terminated in 100 Ohms



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Fall Time @ -30 dBm

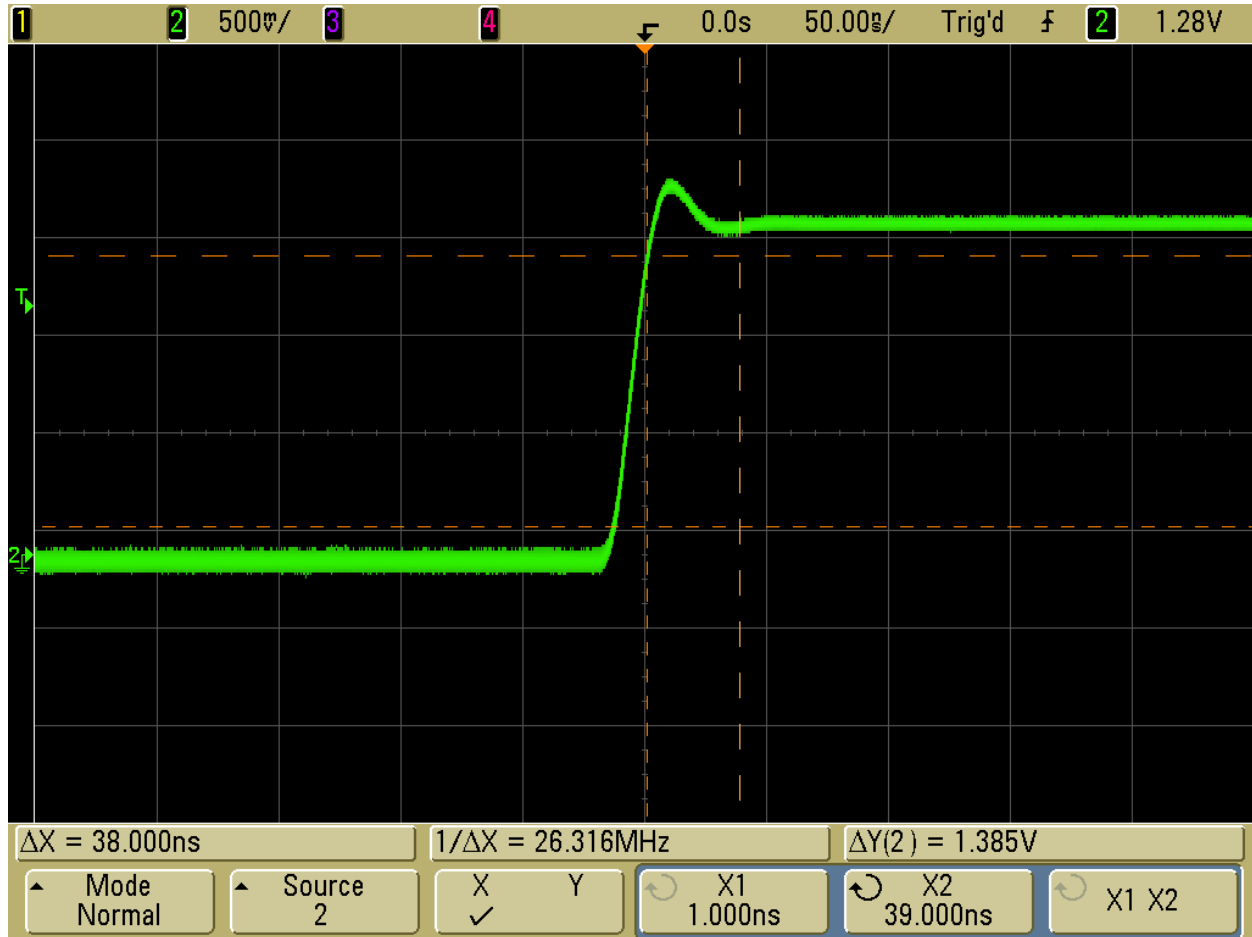


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Settling Time On @ +5 dBm

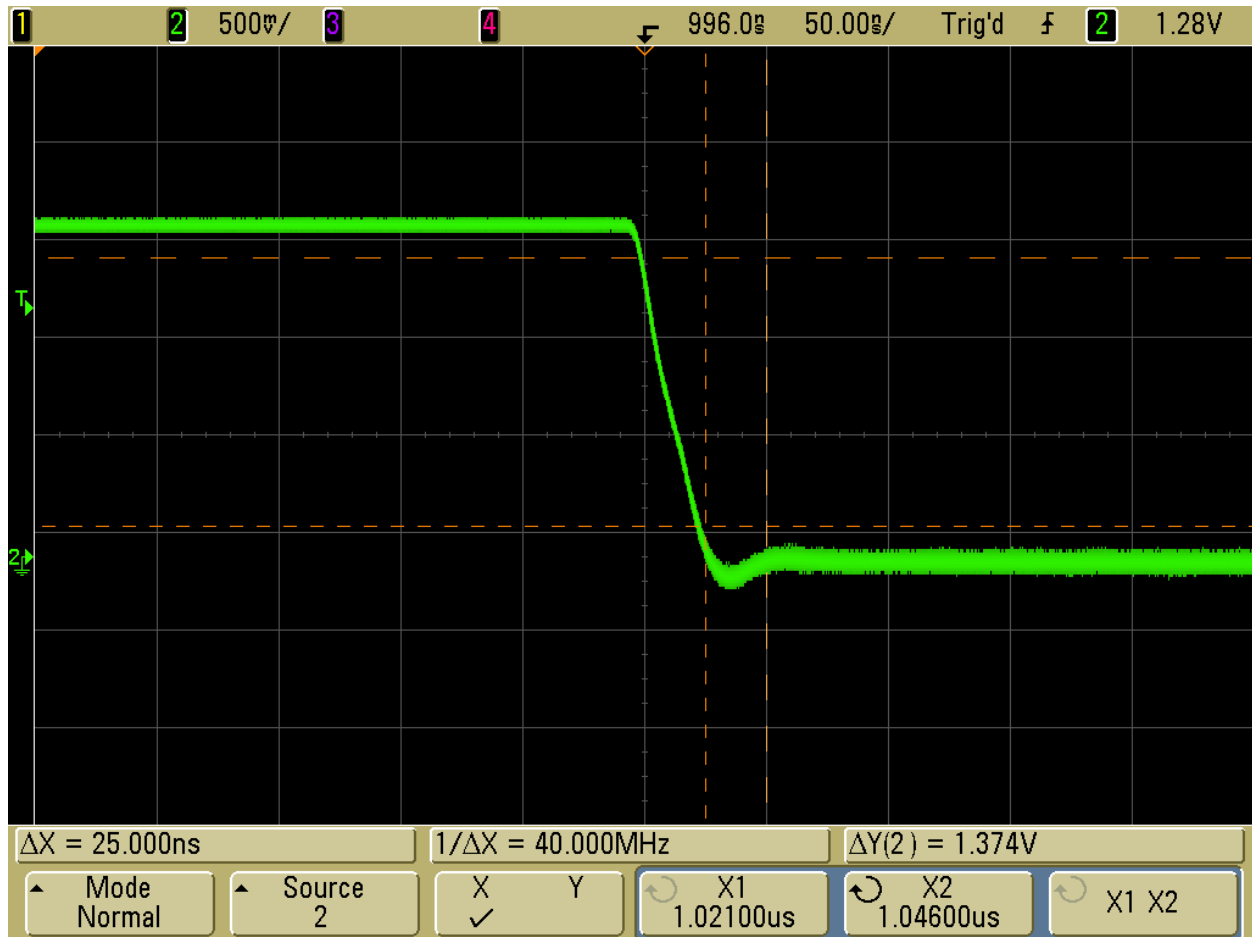


Channel 1: Video output terminated in 100 Ohms



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Settling Time Off @ +5 dBm

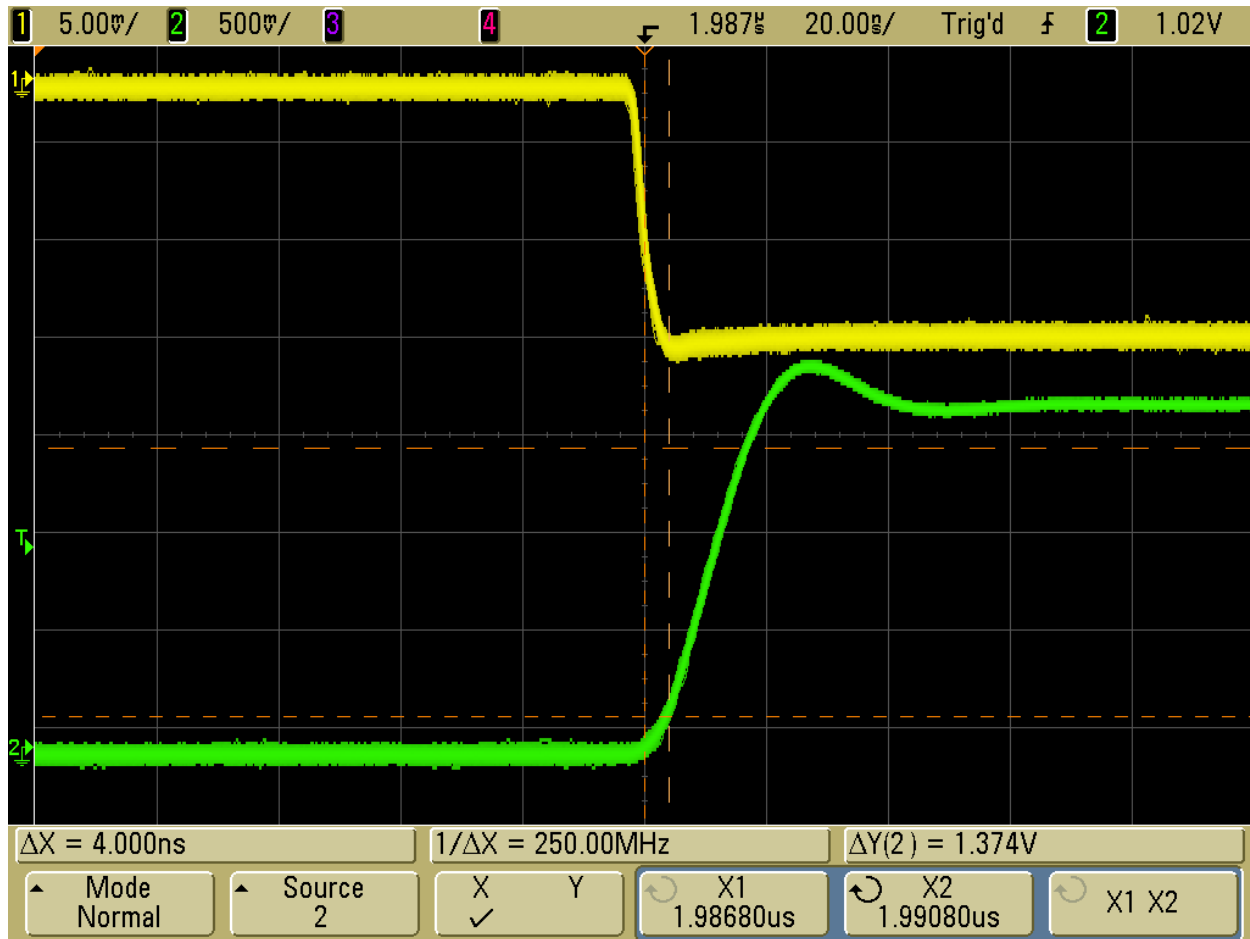


Channel 1: Video output terminated in 100 Ohms



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Prop Delay On @ +5 dBm

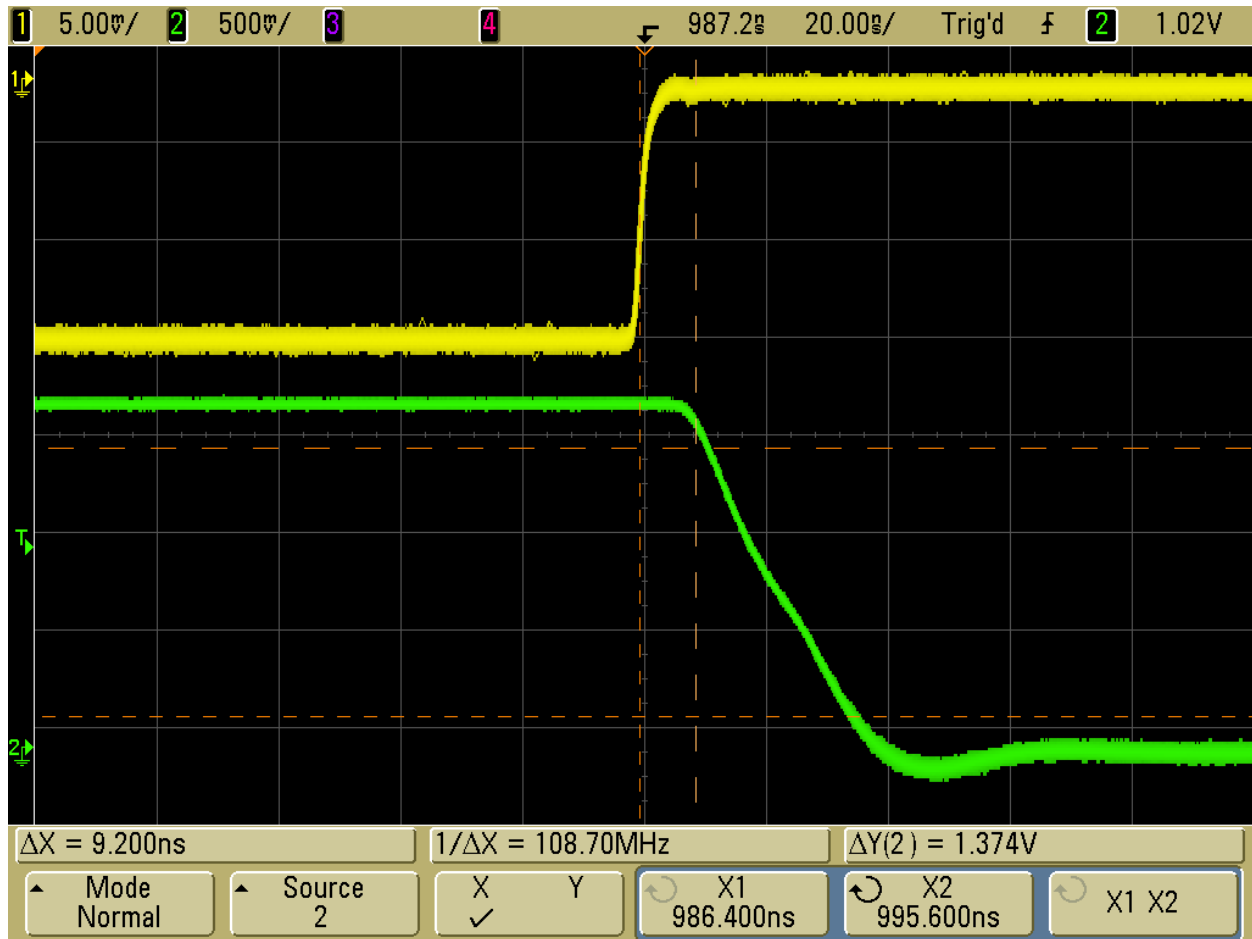


Channel 1: Video output terminated in 100 Ohms (50% RF Input to 10% Video Output)



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Prop Delay Off @ +5 dBm

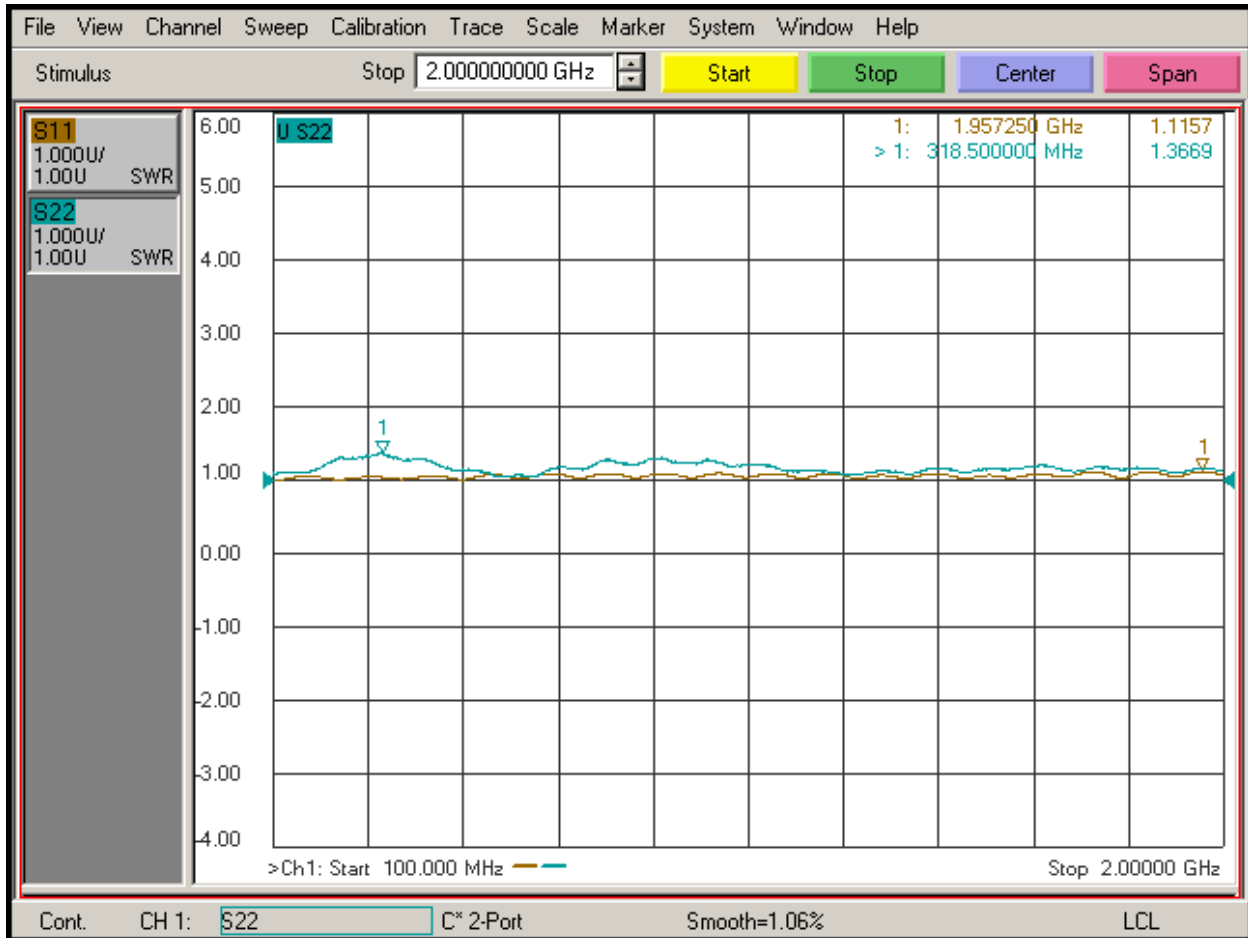


Channel 1: Video output terminated in 100 Ohms (50% RF Input to 10% Video Output)



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Input / Output VSWR @ 0 dBm





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TSS (Shown Pulsing on and off at a level of -65 dBm @ 100 MHz)

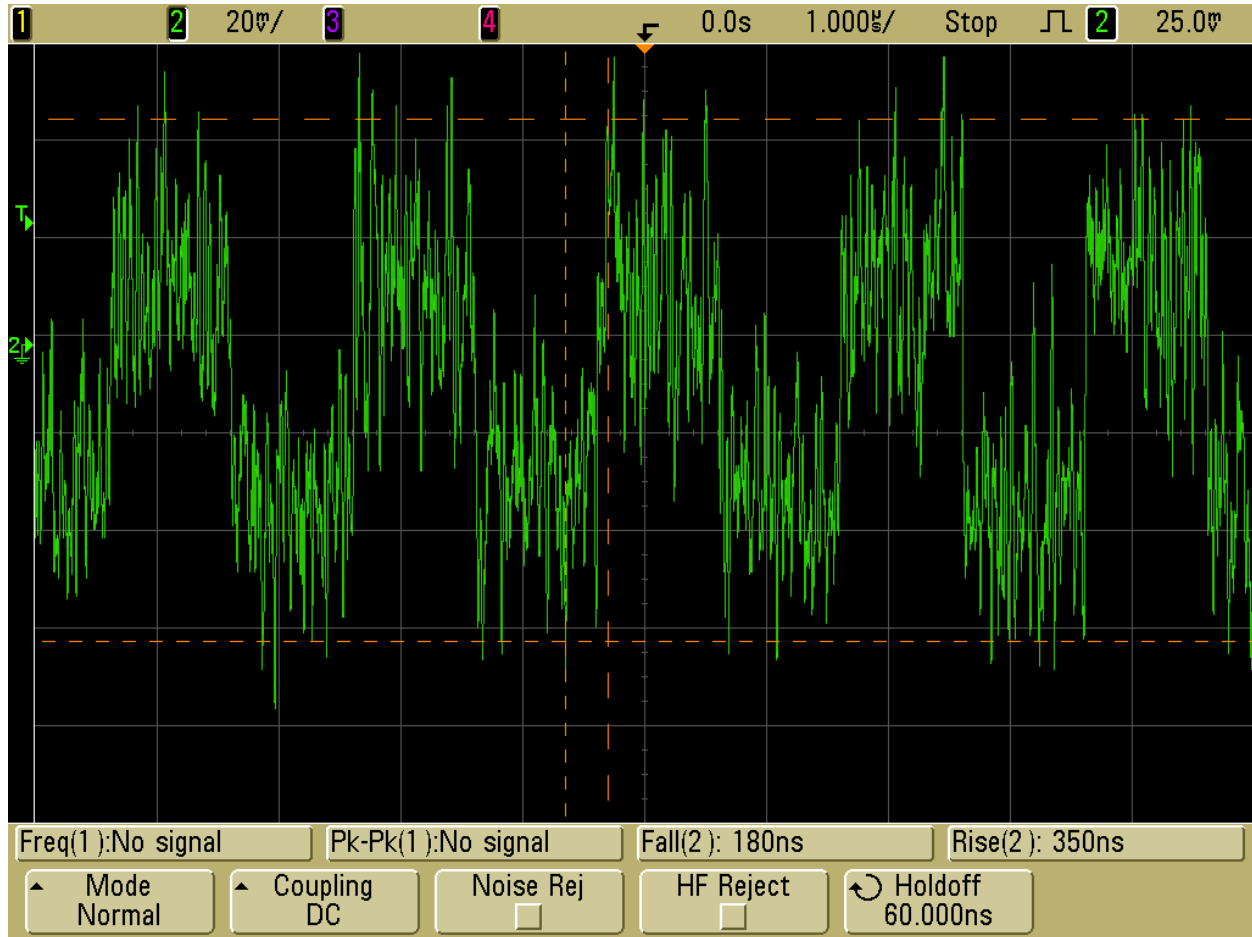


Channel 1: RF Power through Crystal Detector (Negative Voltage when power is on)



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TSS (Shown Pulsing on and off at a level of -70 dBm @ 1 GHz)

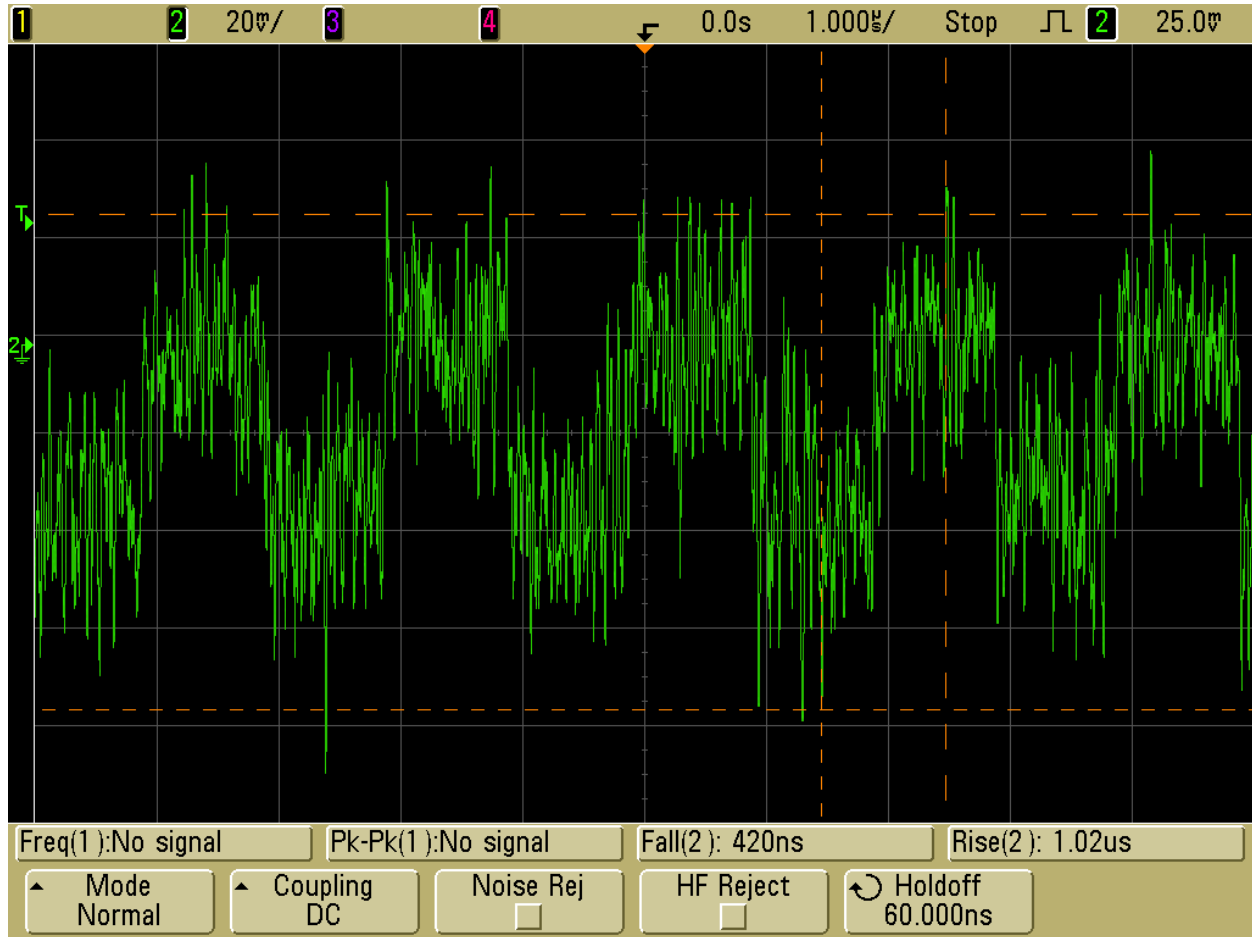


Channel 1: RF Power through Crystal Detector (Negative Voltage when power is on)



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TSS (Shown Pulsing on and off at a level of -65 dBm @ 2 GHz)



Channel 1: RF Power through Crystal Detector (Negative Voltage when power is on)