



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 P8T-0R5G18G-60-T-SFF

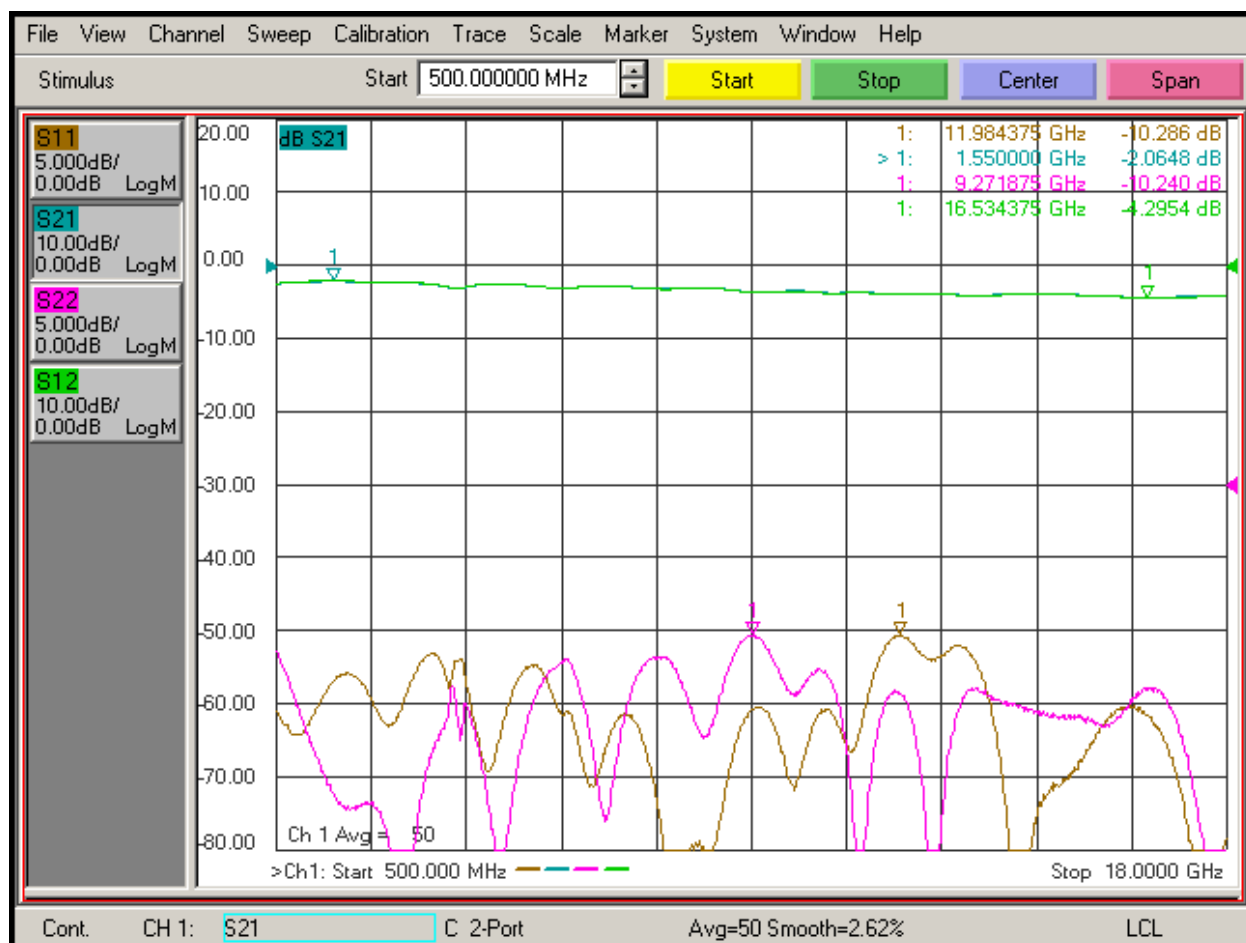


March 16, 2011
Designed by: Dave Durbin
Tested by: Hugo Gonzales



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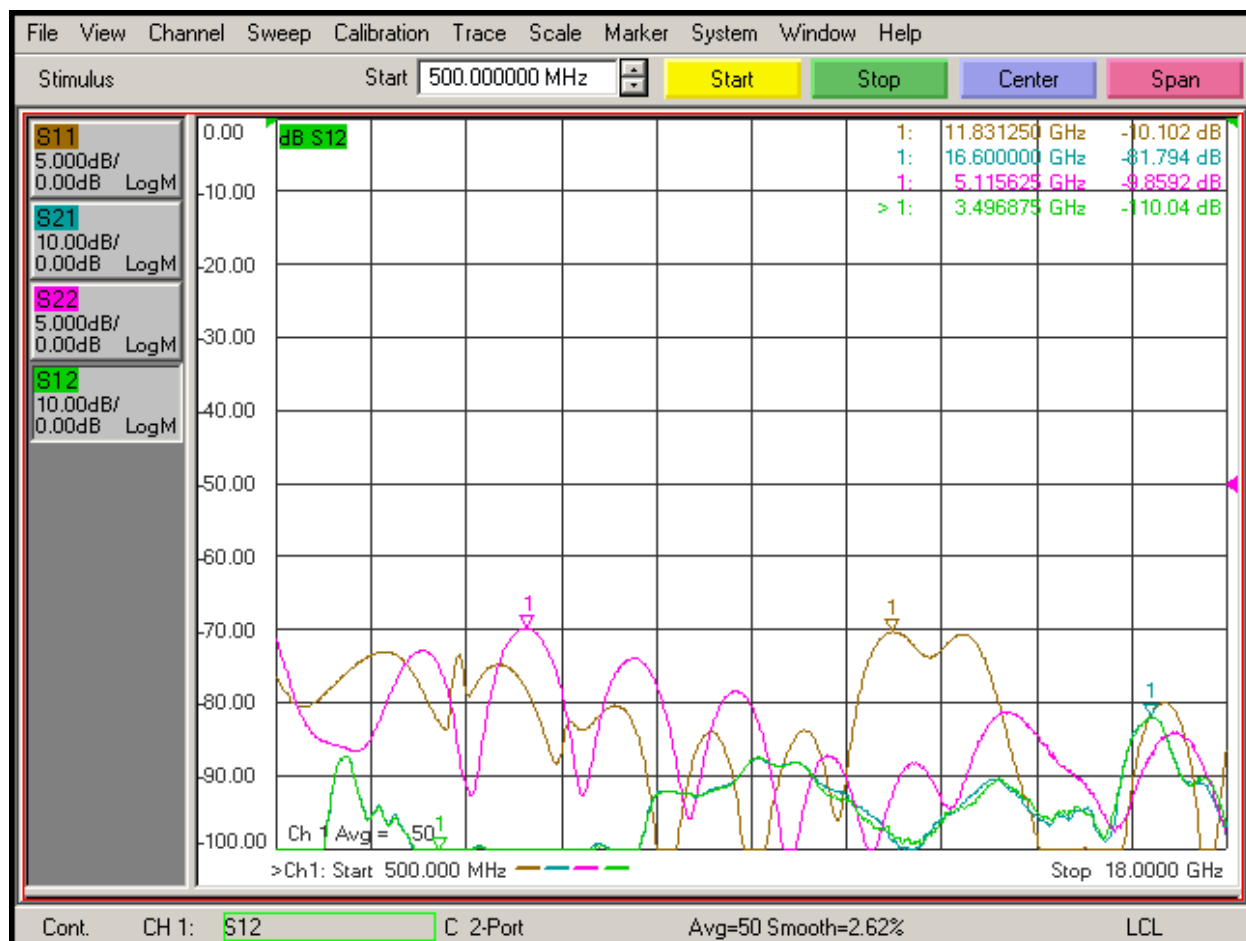
J1-J2
Insertion Loss / Return Loss





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J1-J2
Isolation / Terminated Return Loss (S22)

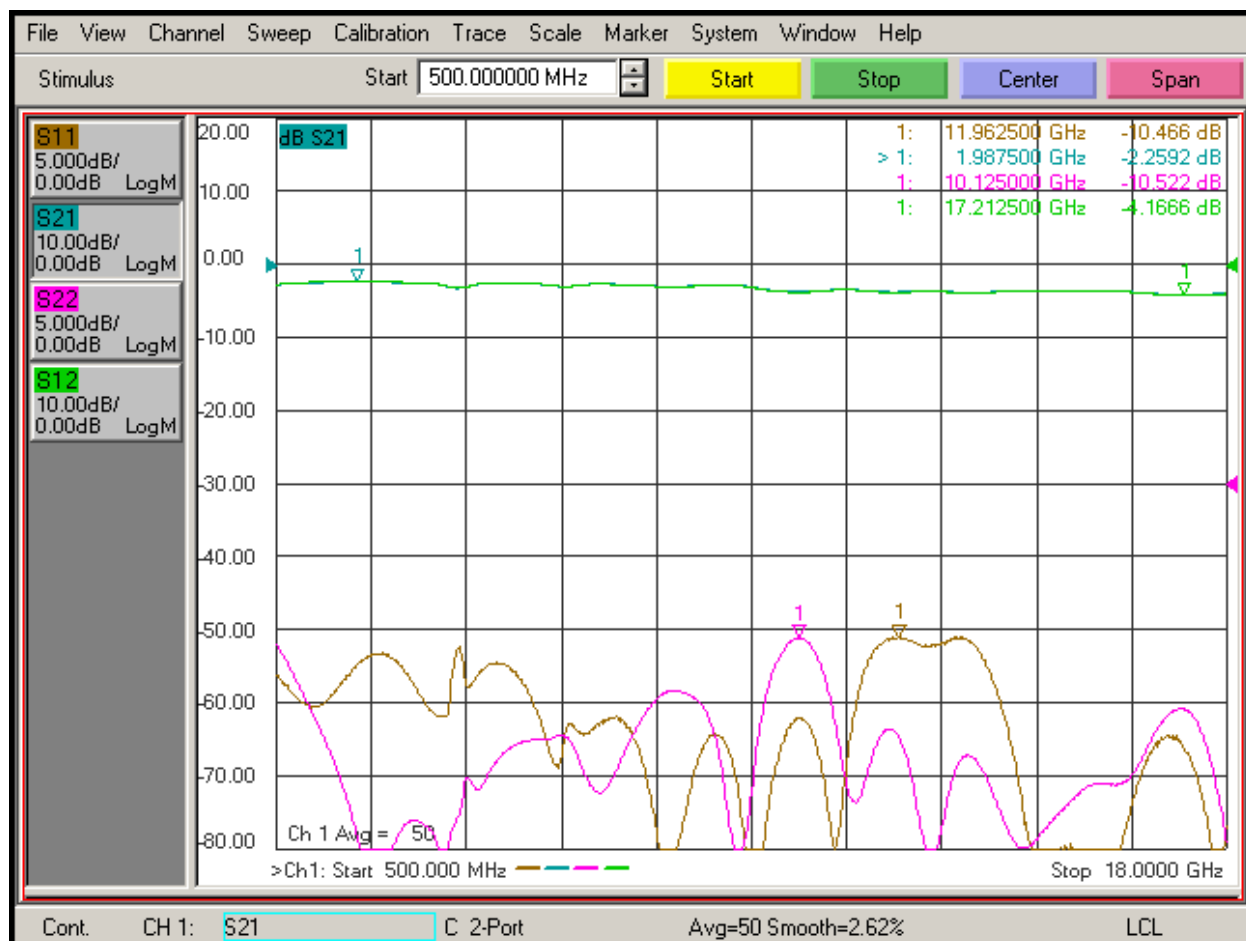


***S11 shown with adjacent arm on and terminated into 50 ohms**



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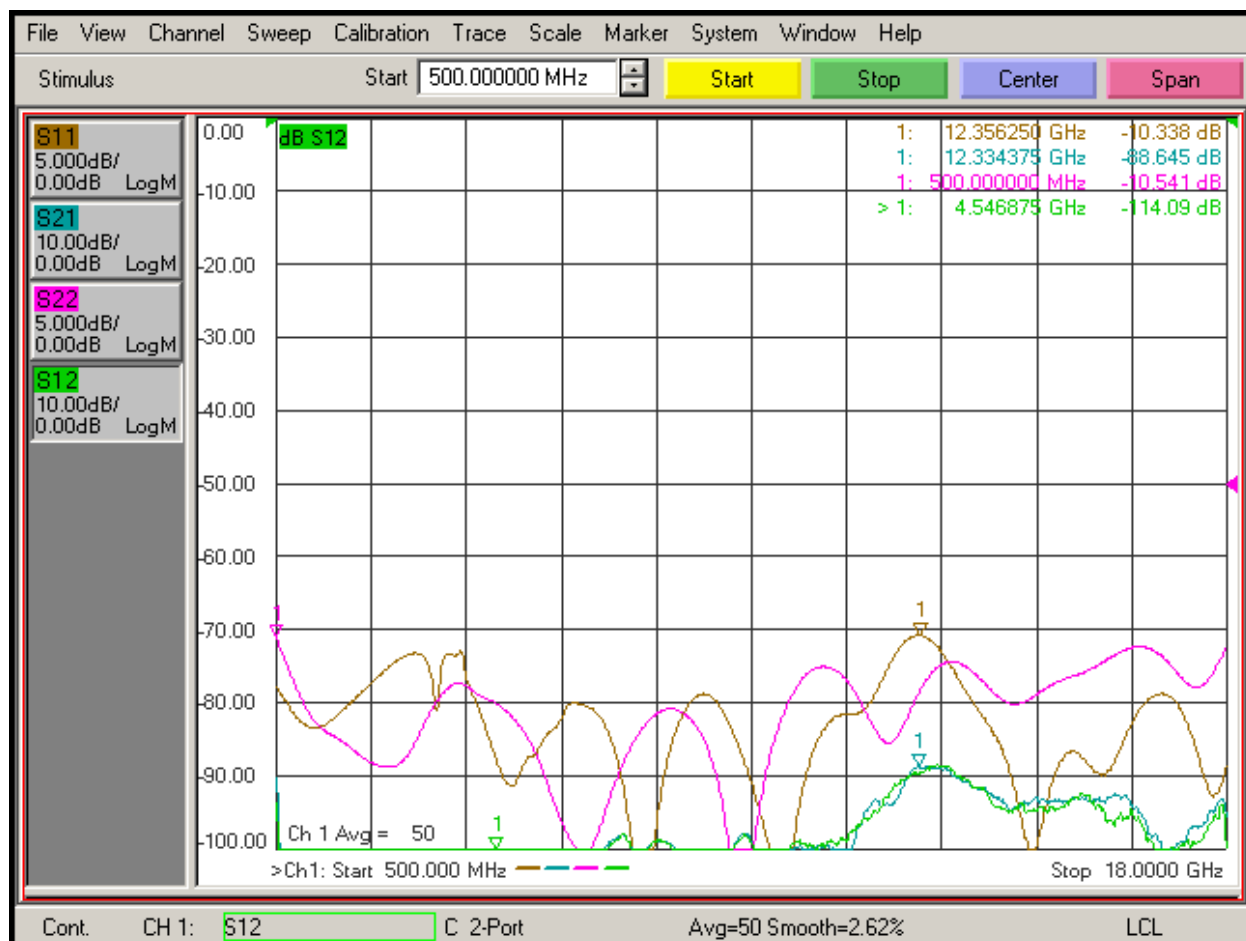
J1-J3
Insertion Loss / Return Loss





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J1-J3
Isolation / Terminated Return Loss (S22)

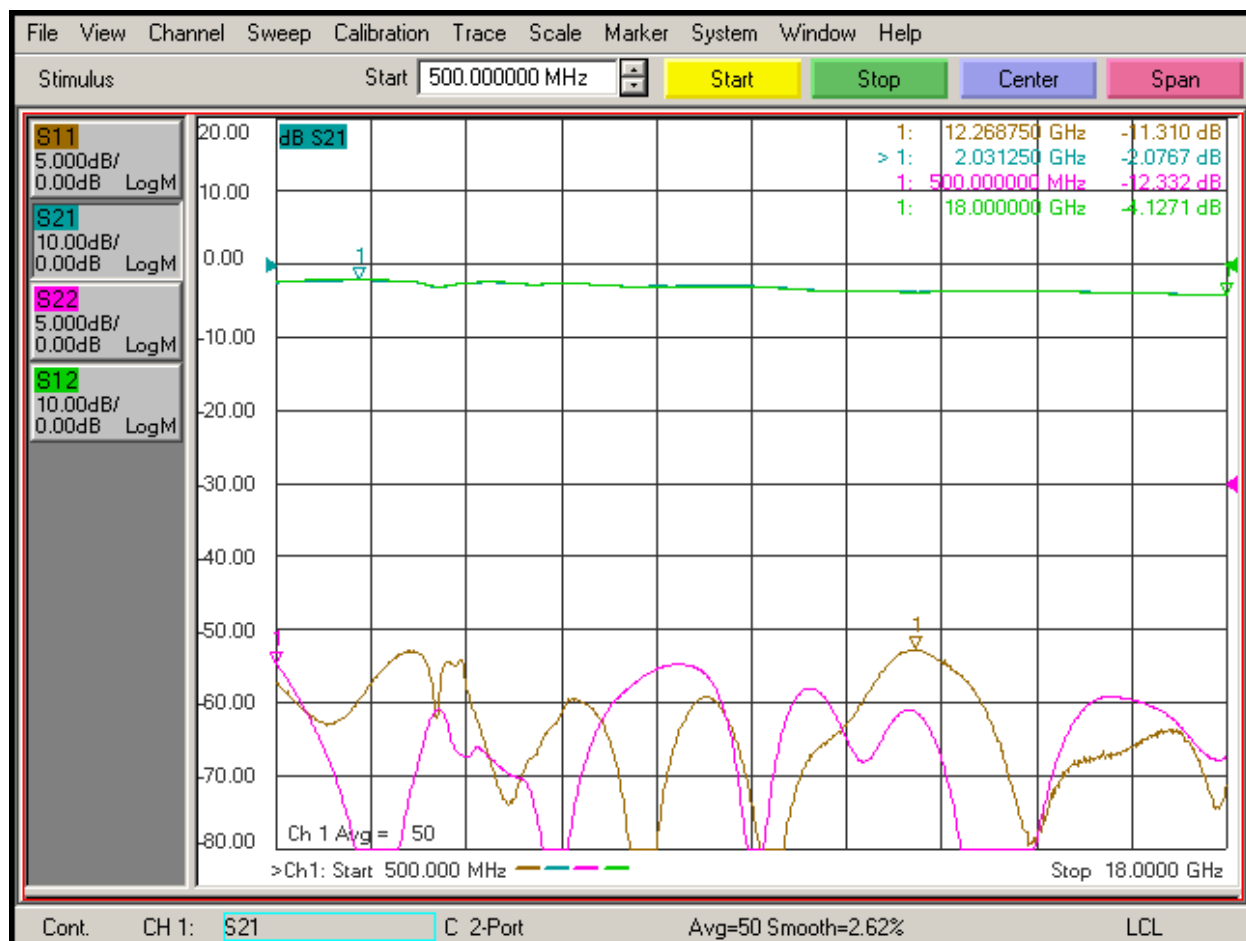


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J1-J4
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J1-J4
Isolation / Terminated Return Loss (S22)

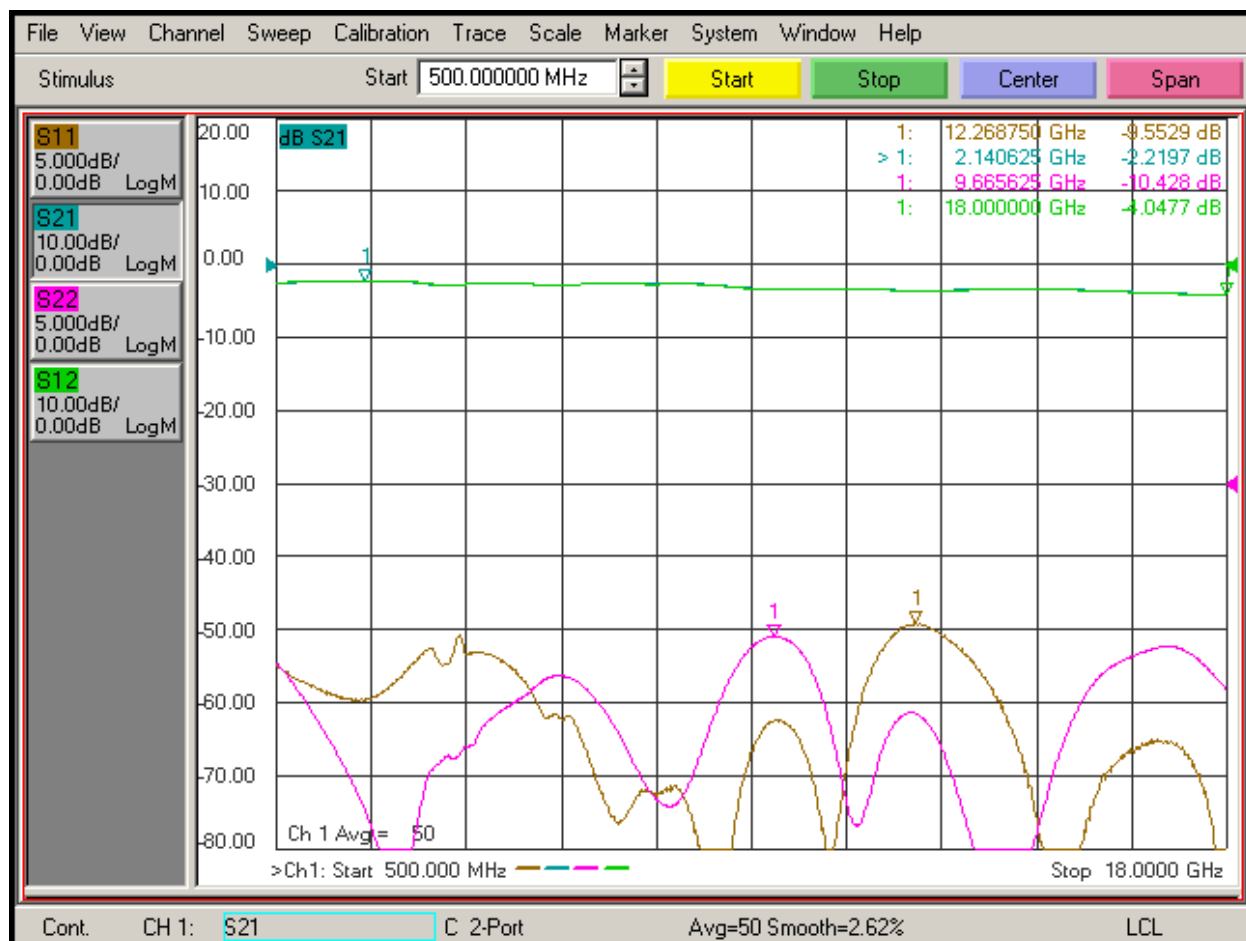


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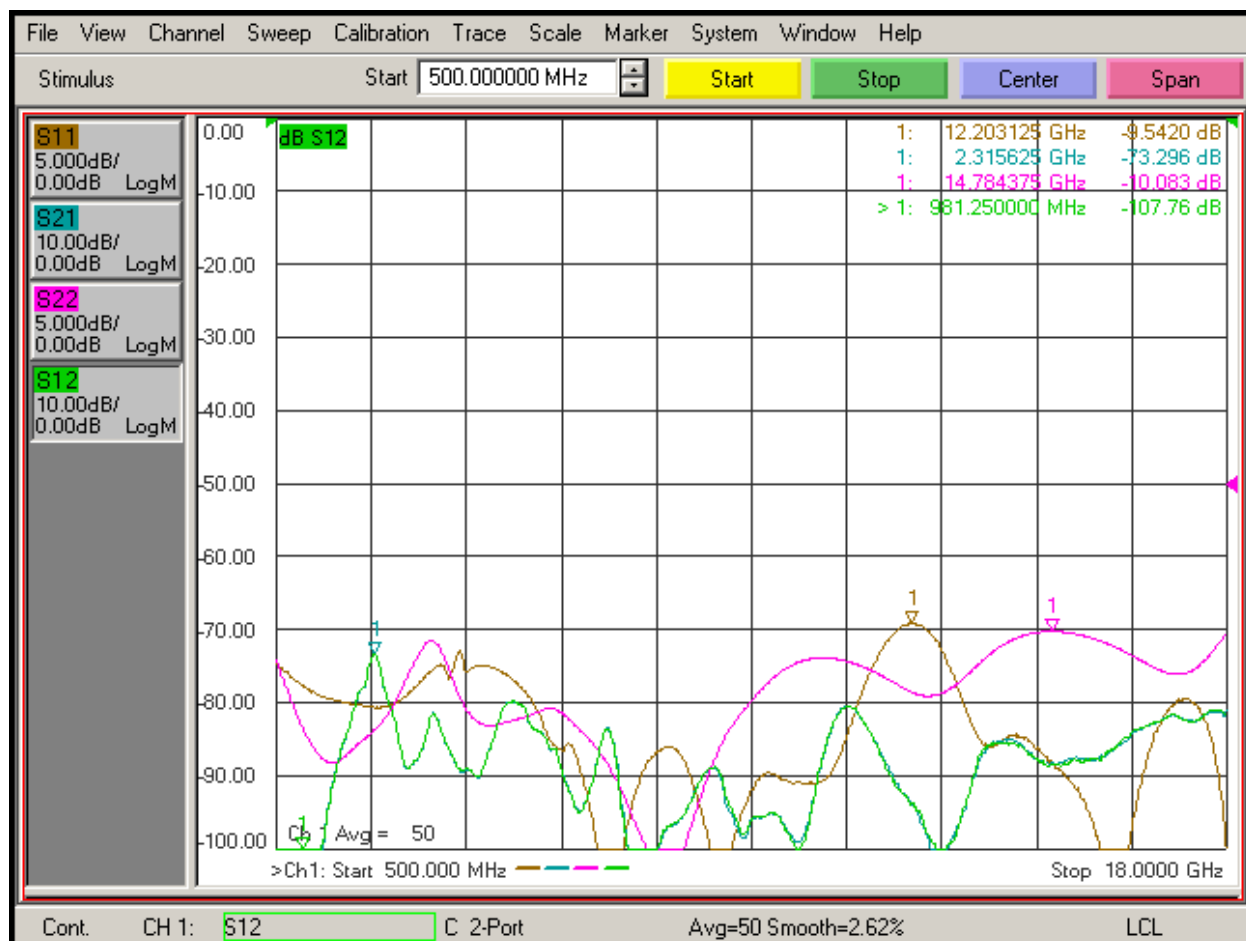
J1-J5
Insertion Loss / Return Loss





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J1-J5
Isolation / Terminated Return Loss (S22)

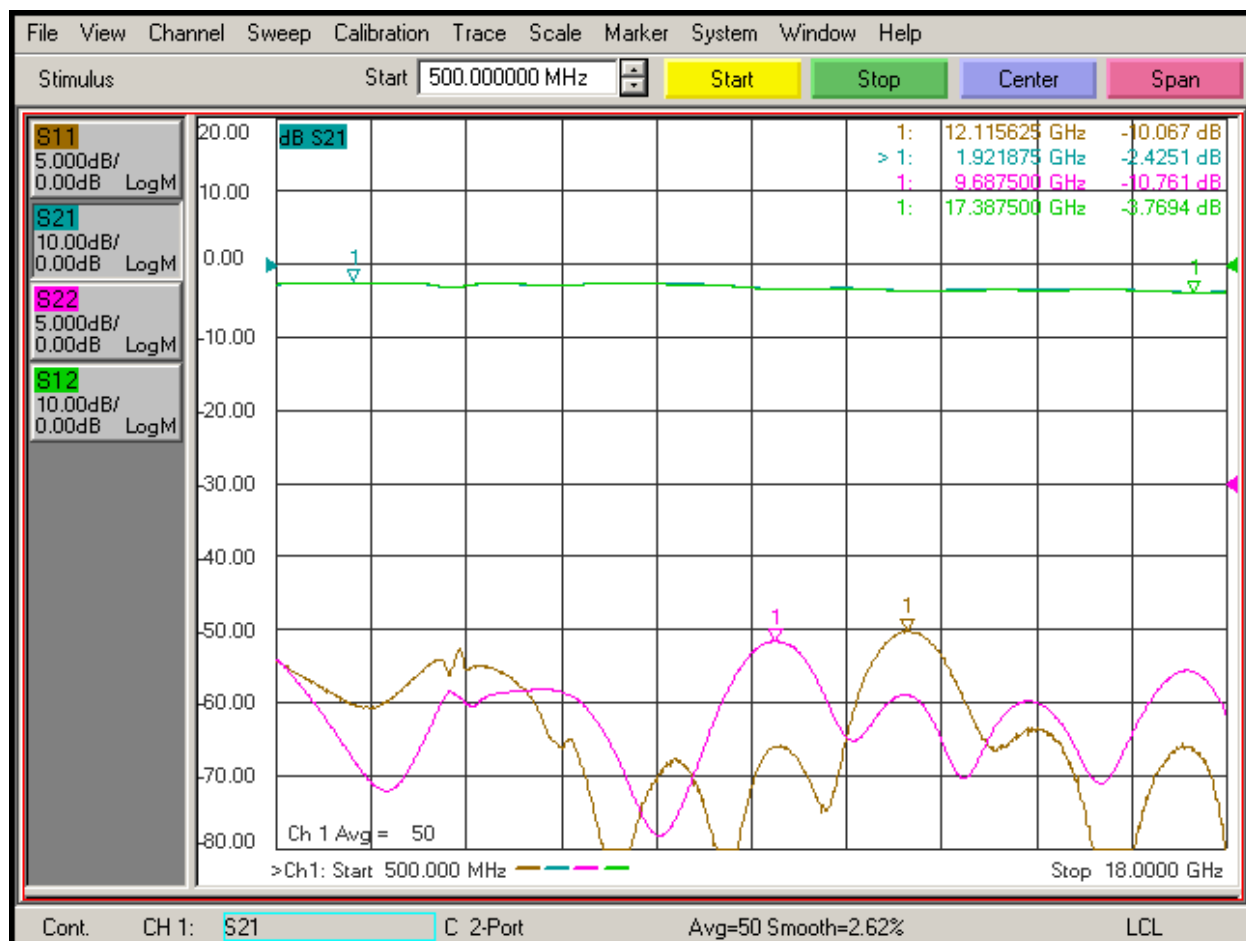


***S11 shown with adjacent arm on and terminated into 50 ohms**



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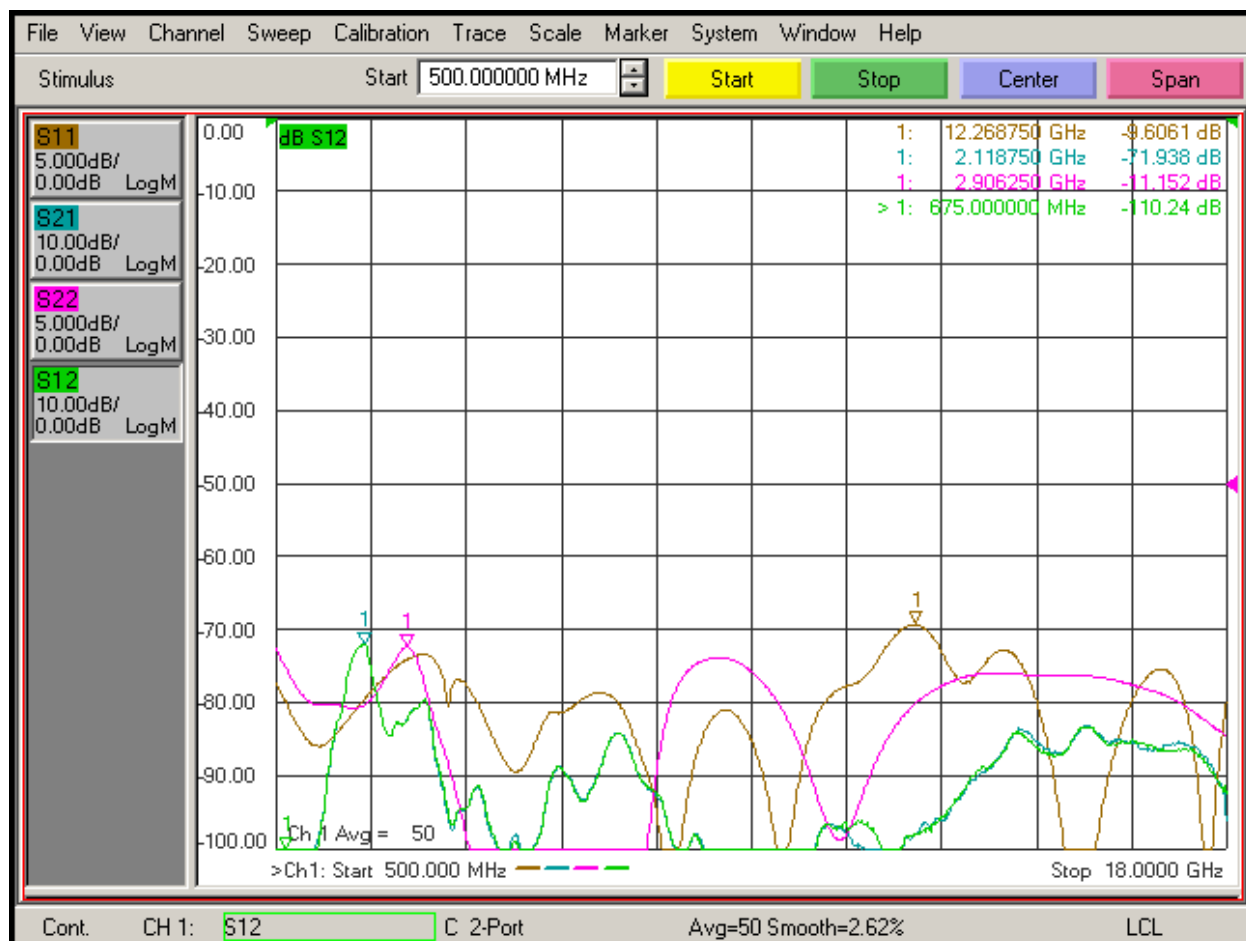
J1-J6
Insertion Loss / Return Loss





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J1-J6
Isolation / Terminated Return Loss (S22)

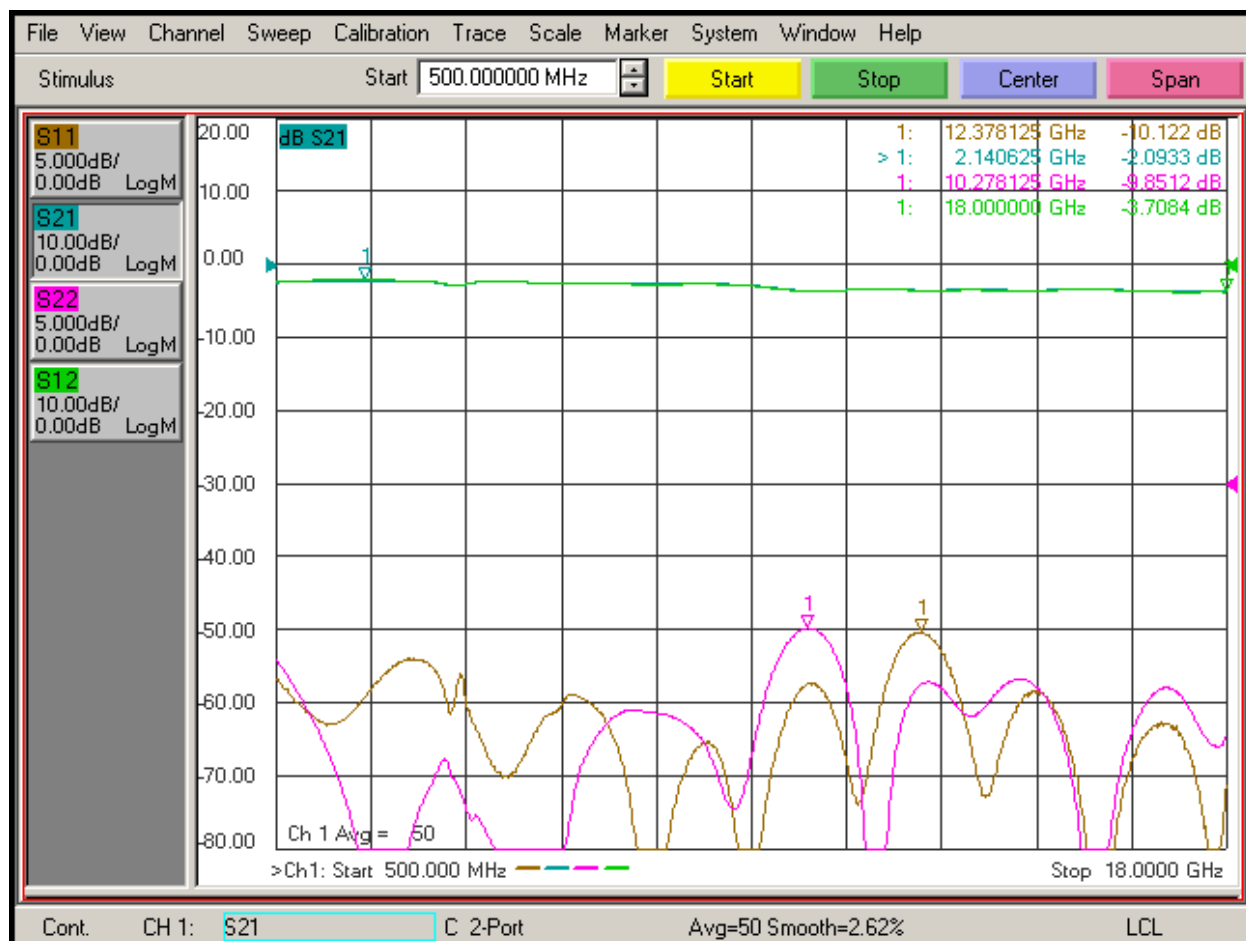


***S11 shown with adjacent arm on and terminated into 50 ohms**



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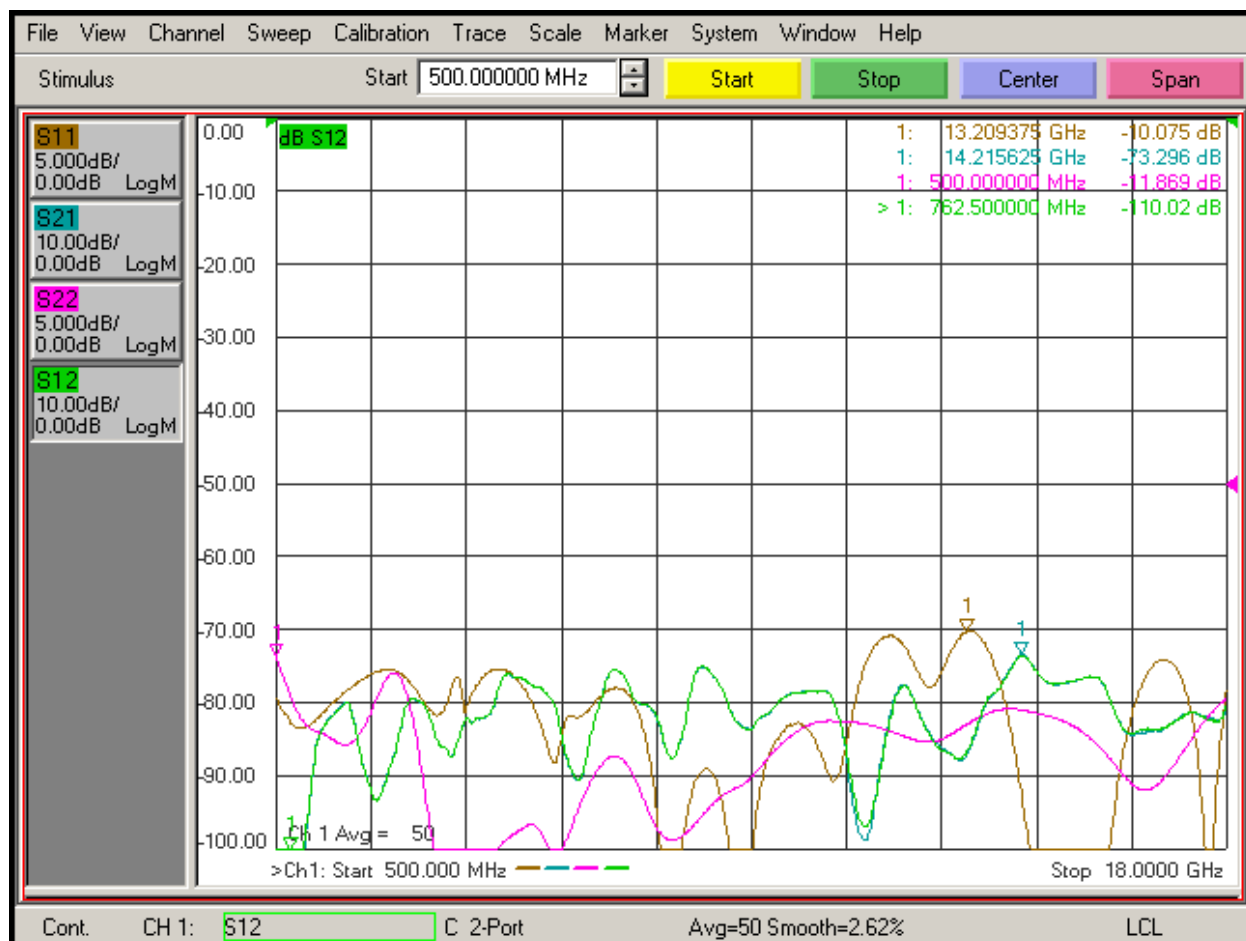
J1-J7
Insertion Loss / Return Loss





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J1-J7
Isolation / Terminated Return Loss (S22)

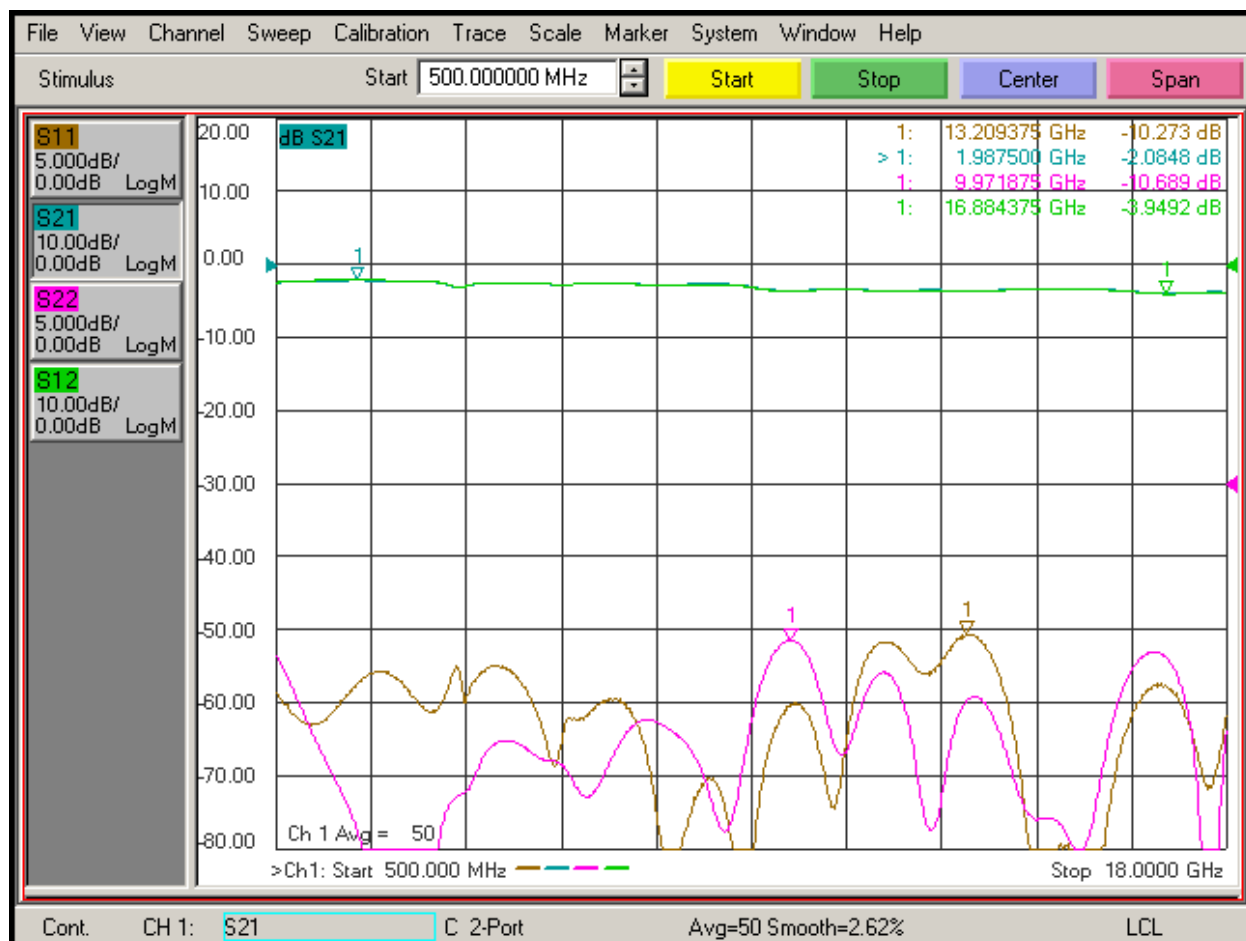


***S11 shown with adjacent arm on and terminated into 50 ohms**



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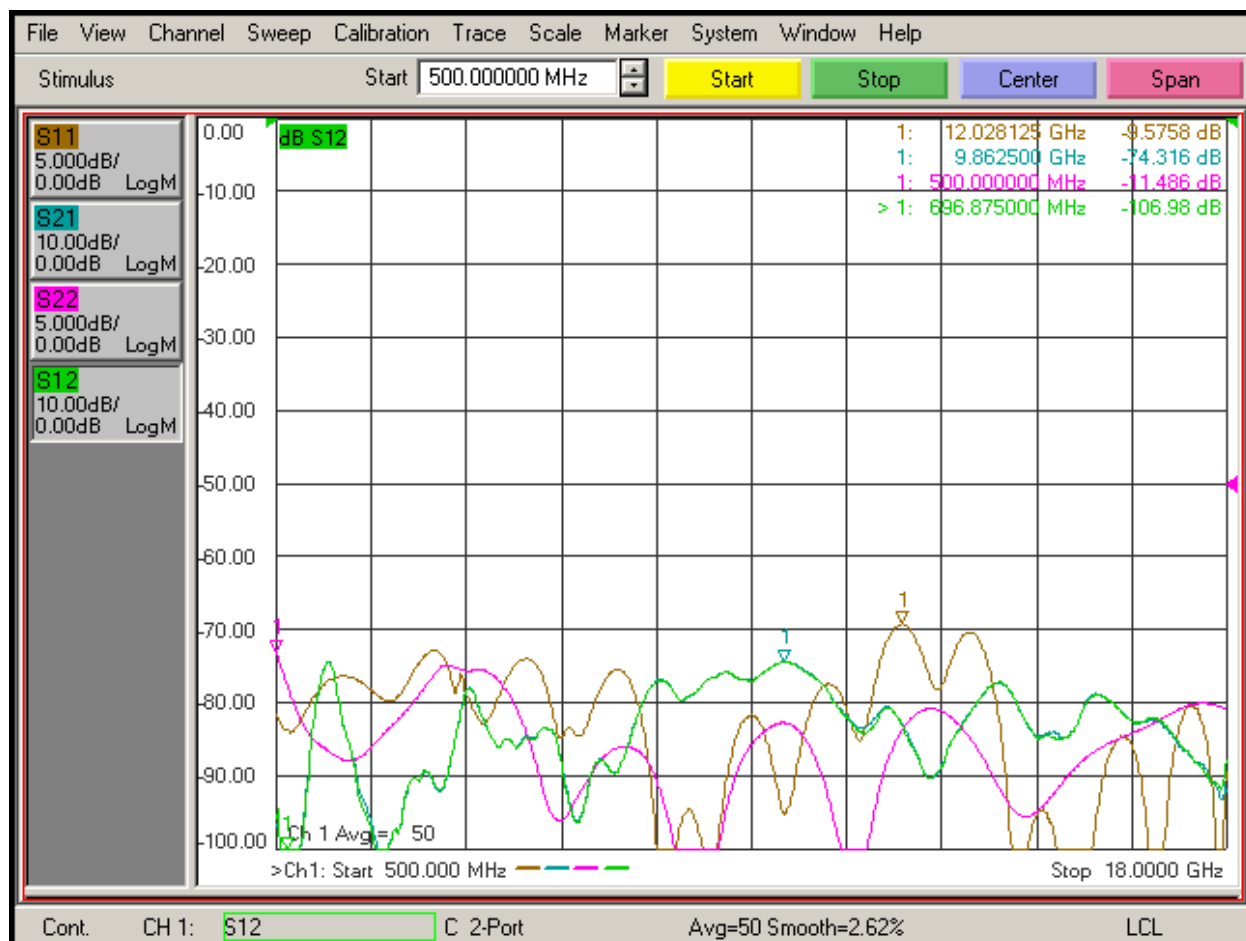
J1-J8
Insertion Loss / Return Loss





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J1-J8
Isolation / Terminated Return Loss (S22)

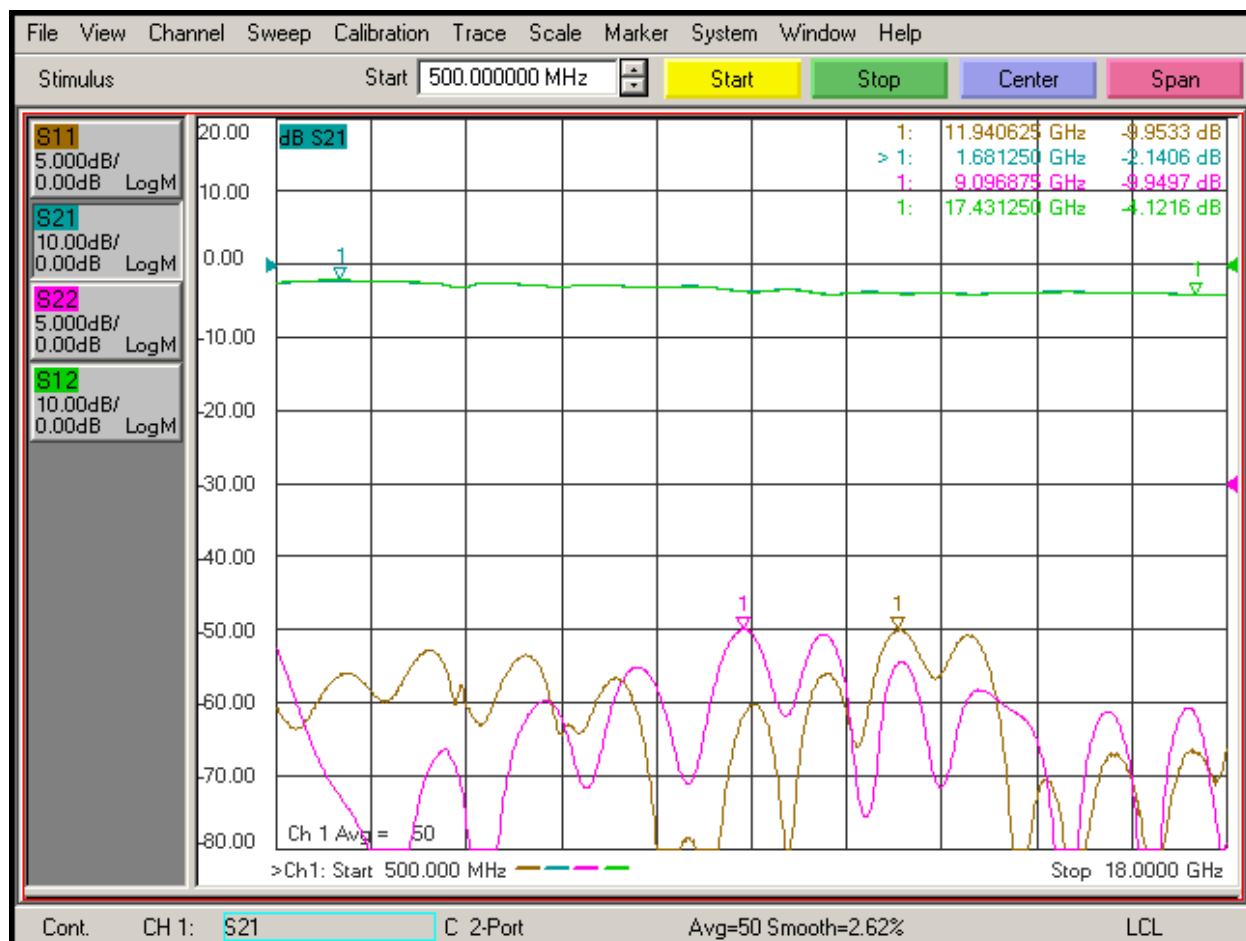


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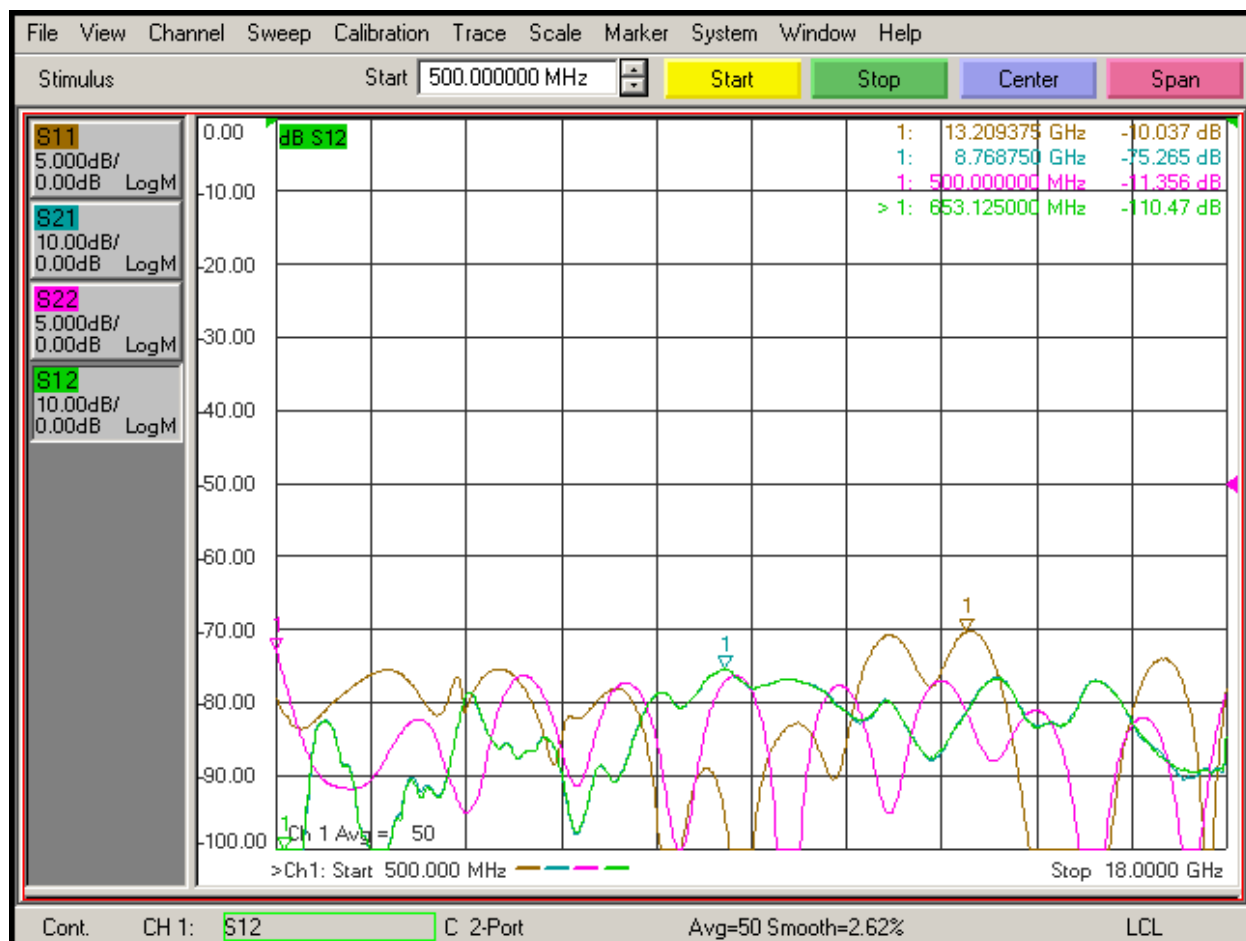
J1-J9
Insertion Loss / Return Loss





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J1-J9
Isolation / Terminated Return Loss (S22)

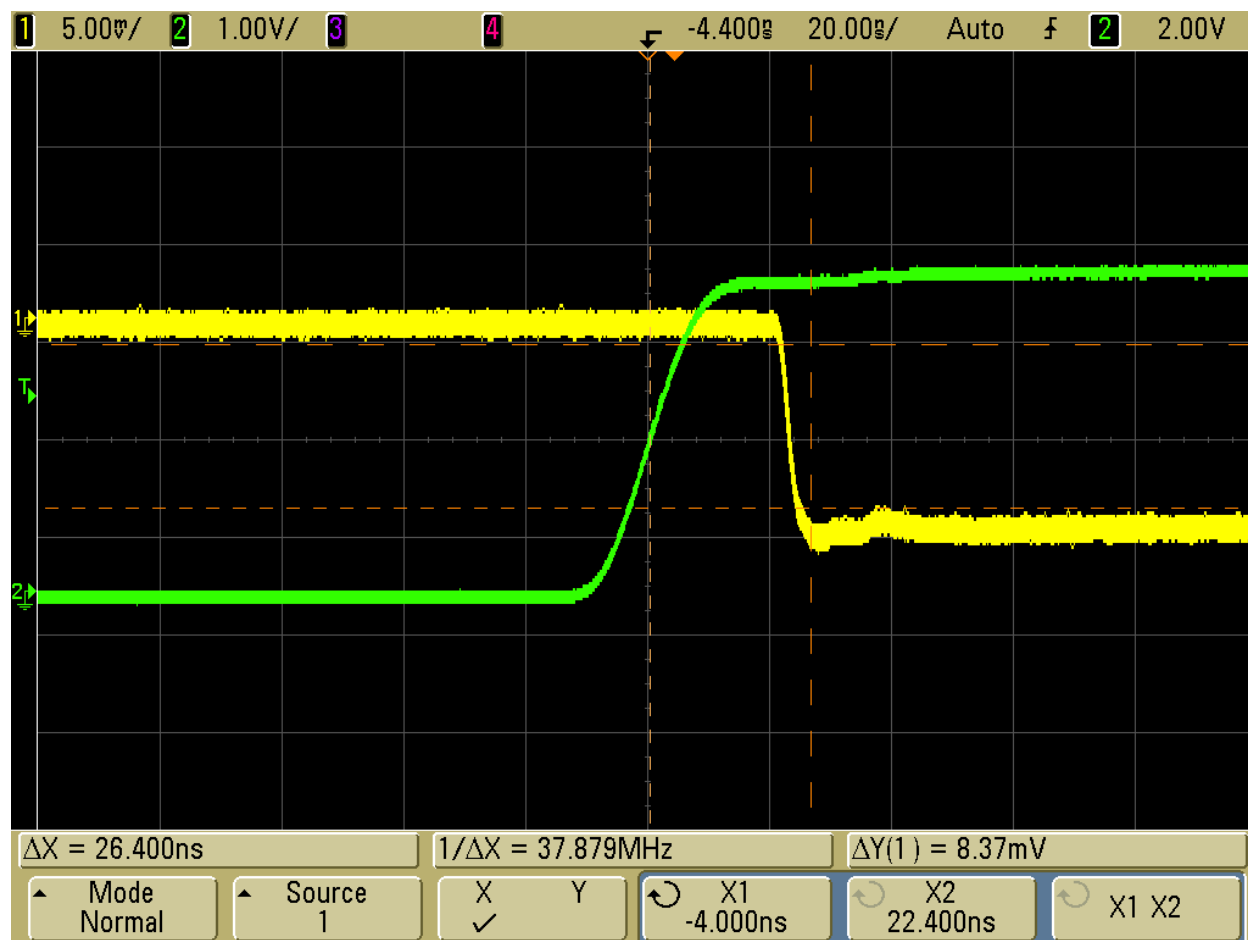


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Switching Speed On Time



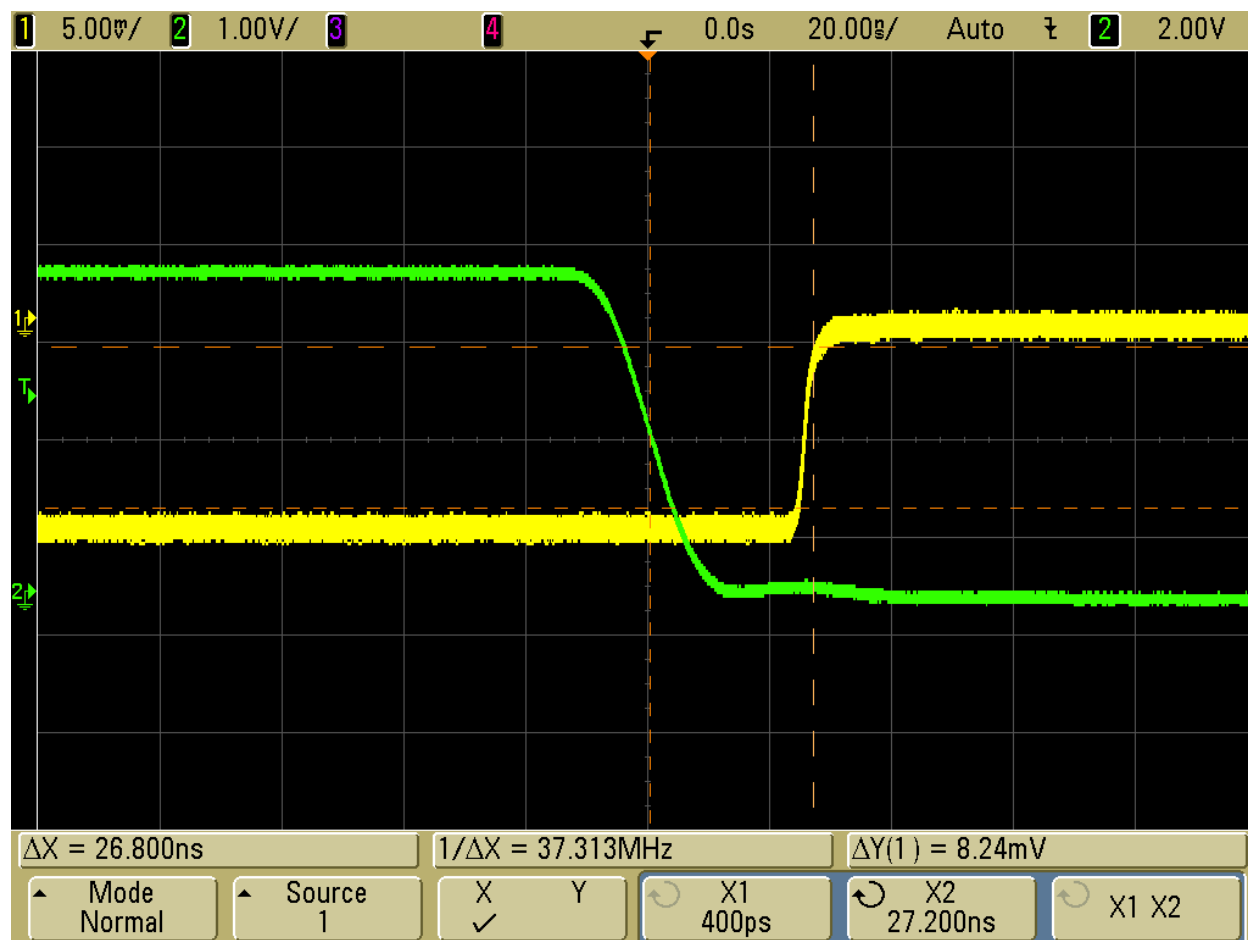
Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator



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Switching Speed Off Time



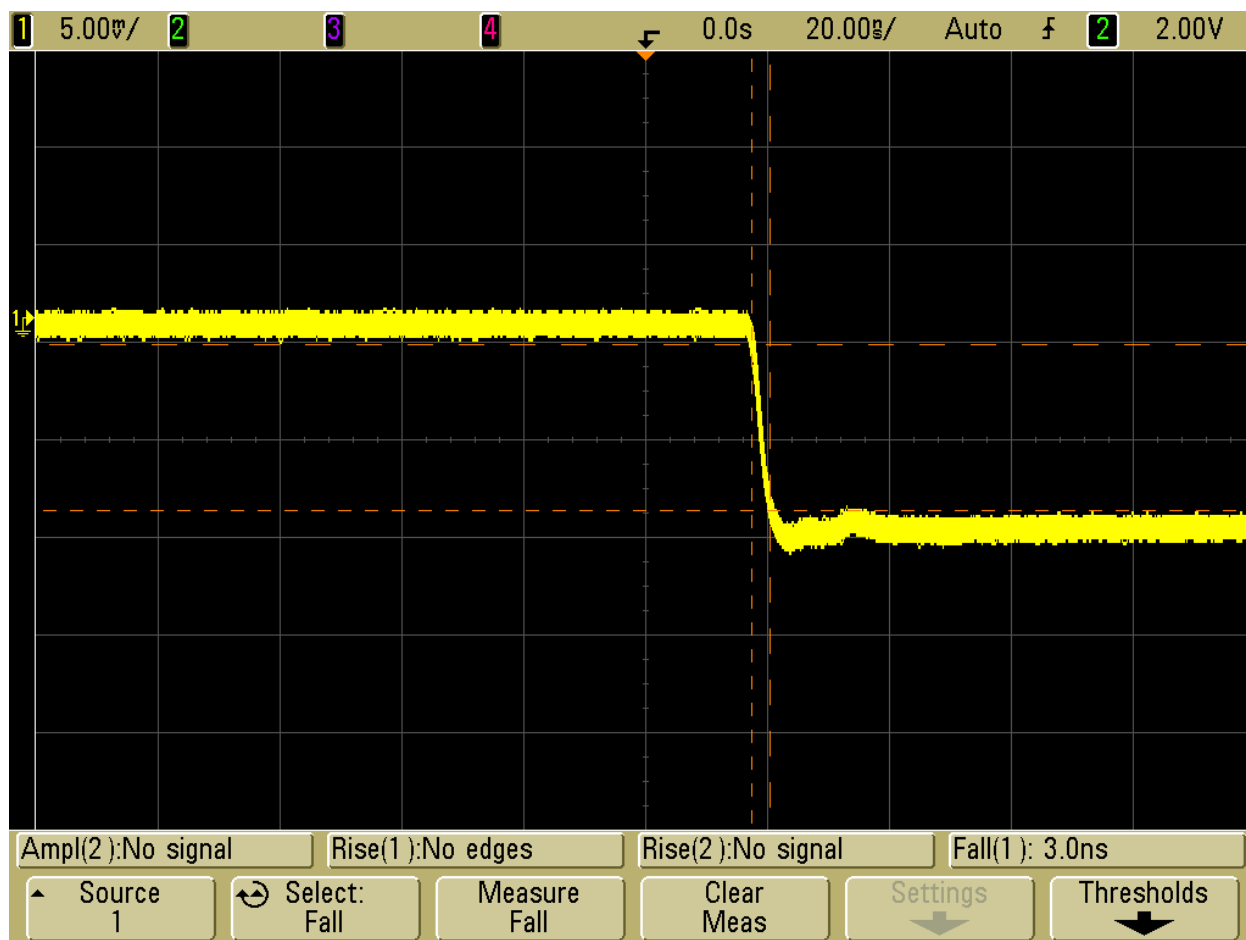
Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator



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Switching Speed Rise Time

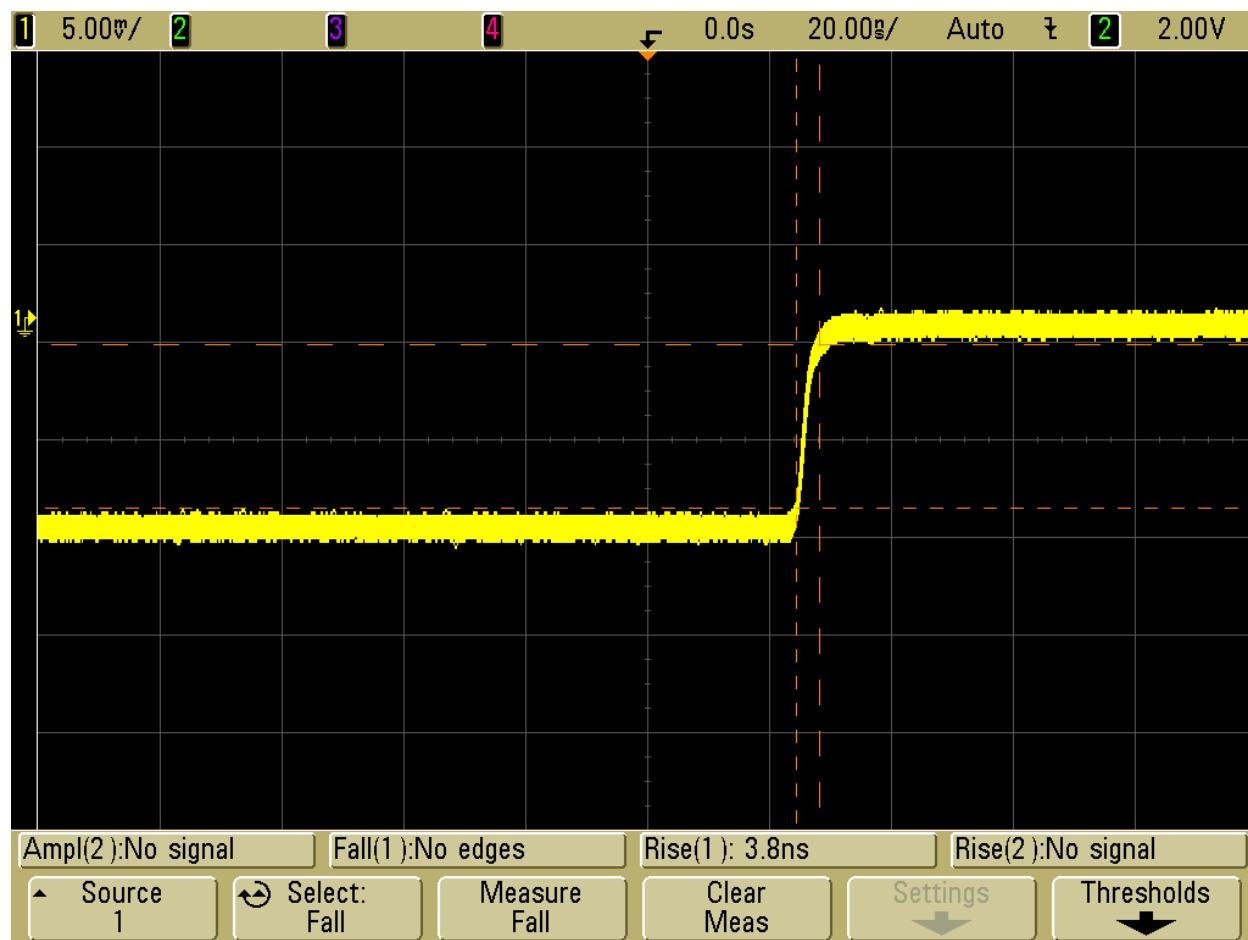


Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)



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Switching Speed Fall Time

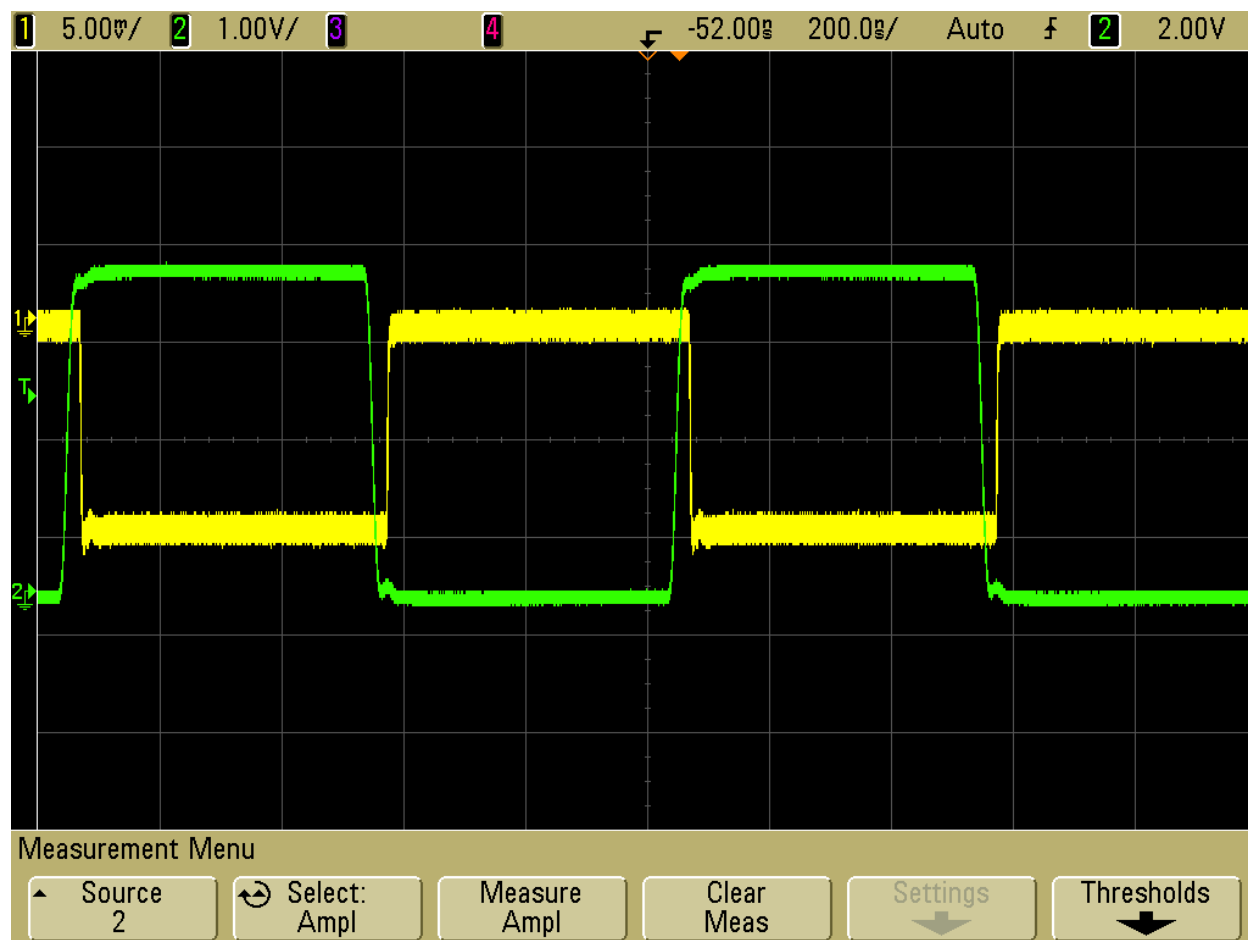


Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)



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Switching Speed Full Pulse



Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator