



**SUMMARY TEST DATA  
ON  
P16T-100M20G-60-T-512-SFF**

PL14186/1346

Customer: \_\_\_\_\_ Tested By: Jerry N.  
 SO No: SO17-151-R Temperature: +25°C  
 Model No: P16T-100M20G-60-T-512-SFF Date: 6/07/17  
 Serial No: PL14186/1346 Drawing No: 27620911 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.1 to 20 GHz	0.1 to 20 GHz (See Plots)	PMI QA 1	
2	Insertion Loss:	8.5dB Typ.	8.32dB (See Plots)		
3	Isolation	60dB Typ.	60.22dB (See Plots)		
4	VSWR (Input/Output):	2.0:1	1.97:1 (See Plots)		
5	VSWR (Output/Off):	2.0:1	1.93:1 (See Plots)		
6	Switching Speed (Rise/Fall):	50ns Typ. Rise 15ns Max. Fall	50.5ns Rise Typ. 4.4ns Fall Typ. See Typical Characteristics		
7	Switching Speed (Delay On/Off):	150ns Max	120ns See Typical Characteristics		
8	Input Power:	+20dBm CW	+20dBm CW		
9	Survival Power:	1 Watt CW, 10 Watts Peak, 1 us	1 Watt CW, 10 Watts Peak, 1 us		
10	Control:	TTL Logic "0" = On "1" = Off	Pass		
11	DC Supply:	+5VDC @ 750mA -12VDC @ 200mA	600mA 198mA		PMI QA 1

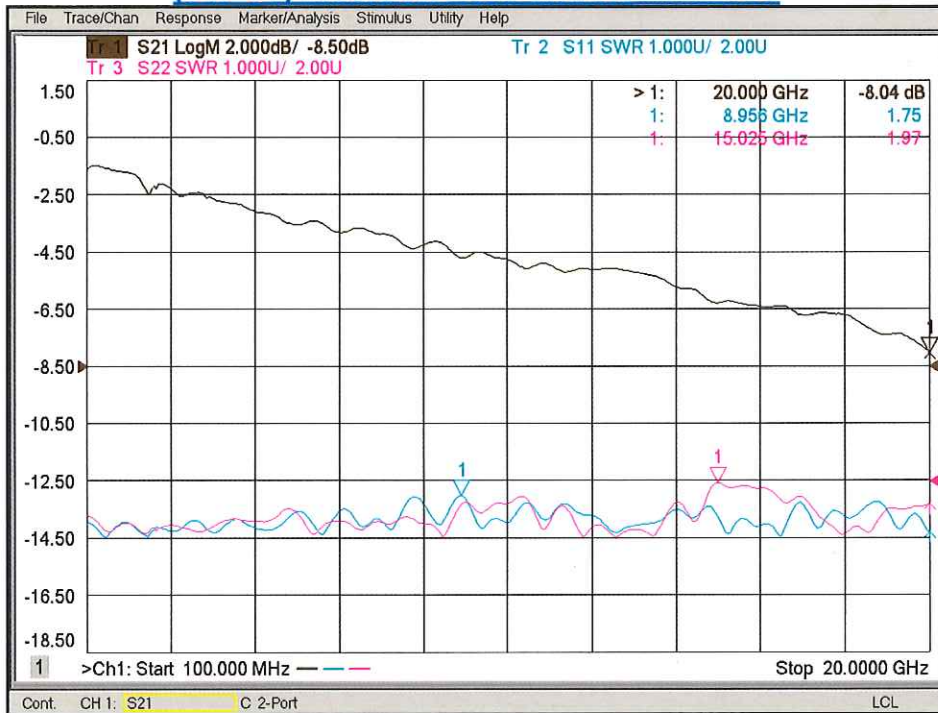
QA/QC Approval:  PMI QA 1 Date: 6/7/17



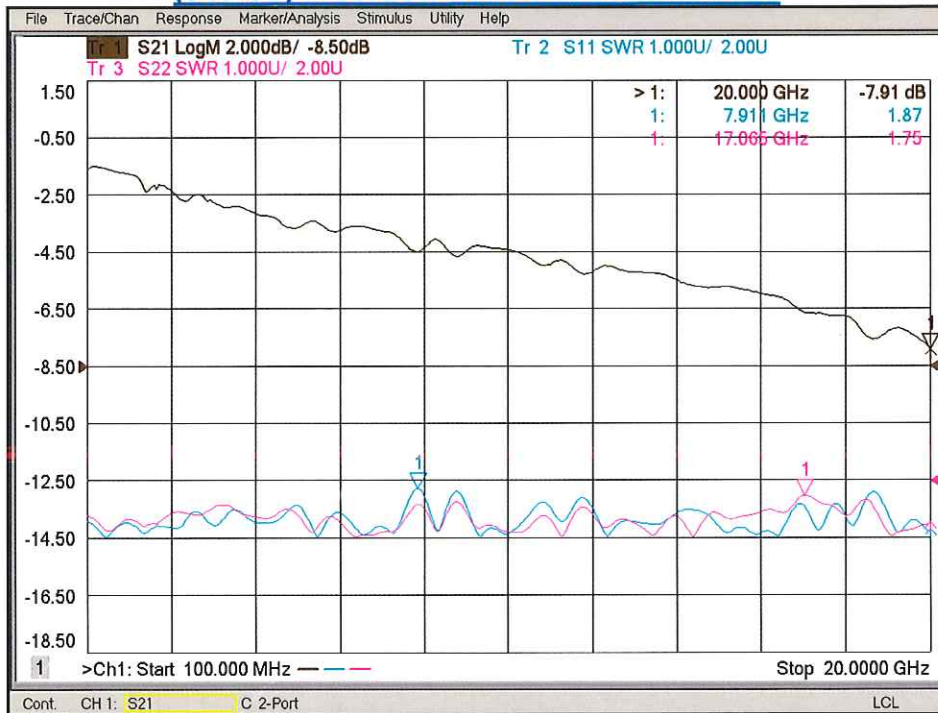
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**(J17-J1) Insertion Loss and Return Loss**



**(J17-J2) Insertion Loss and Return Loss**

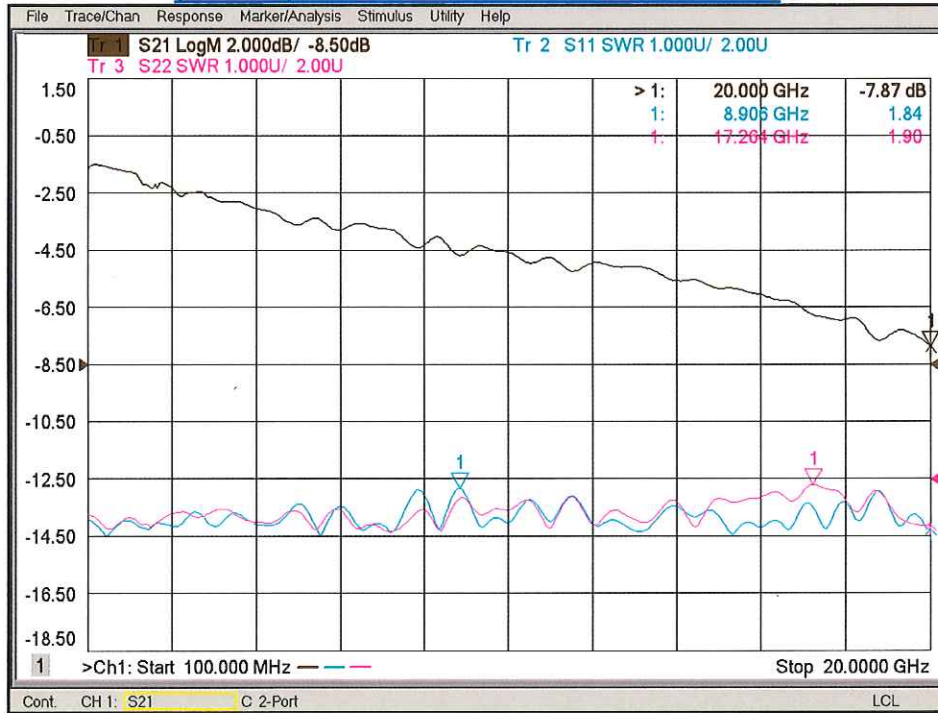




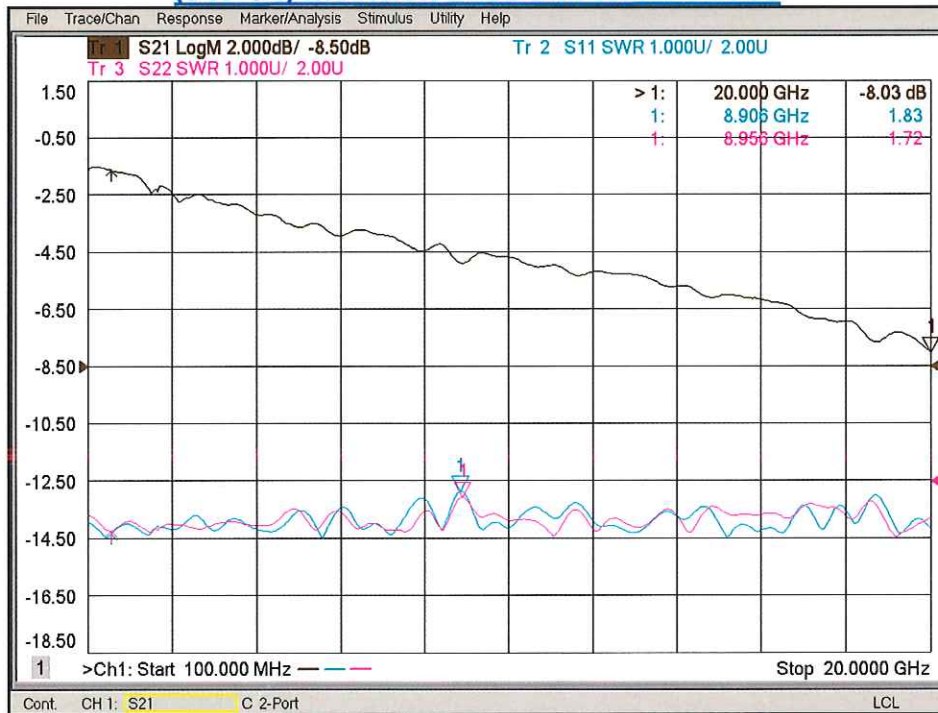
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**(J17-J3) Insertion Loss and Return Loss**



**(J17-J4) Insertion Loss and Return Loss**

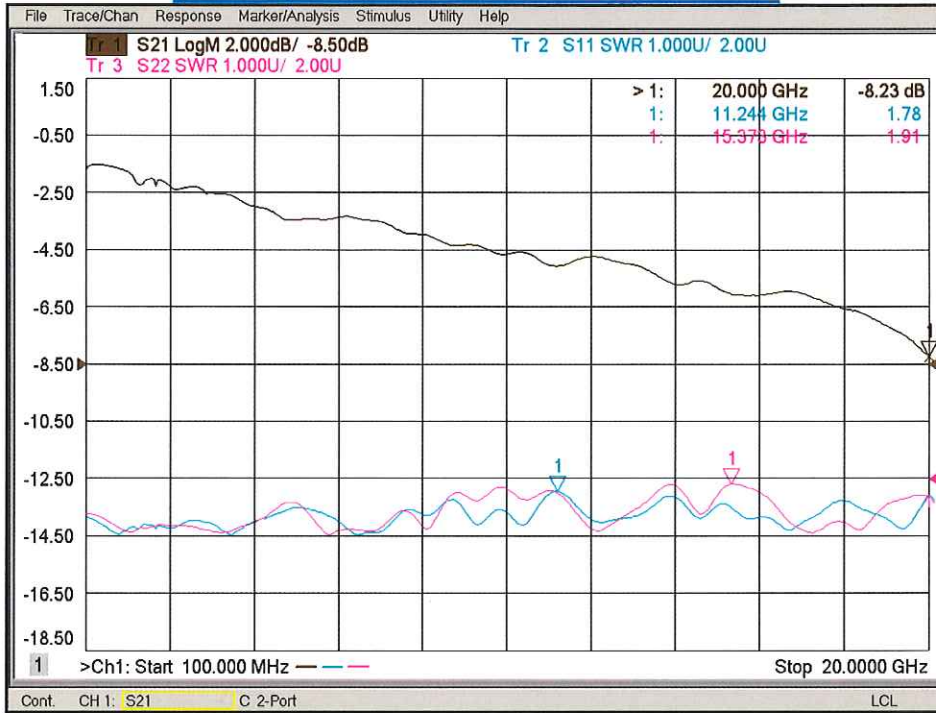




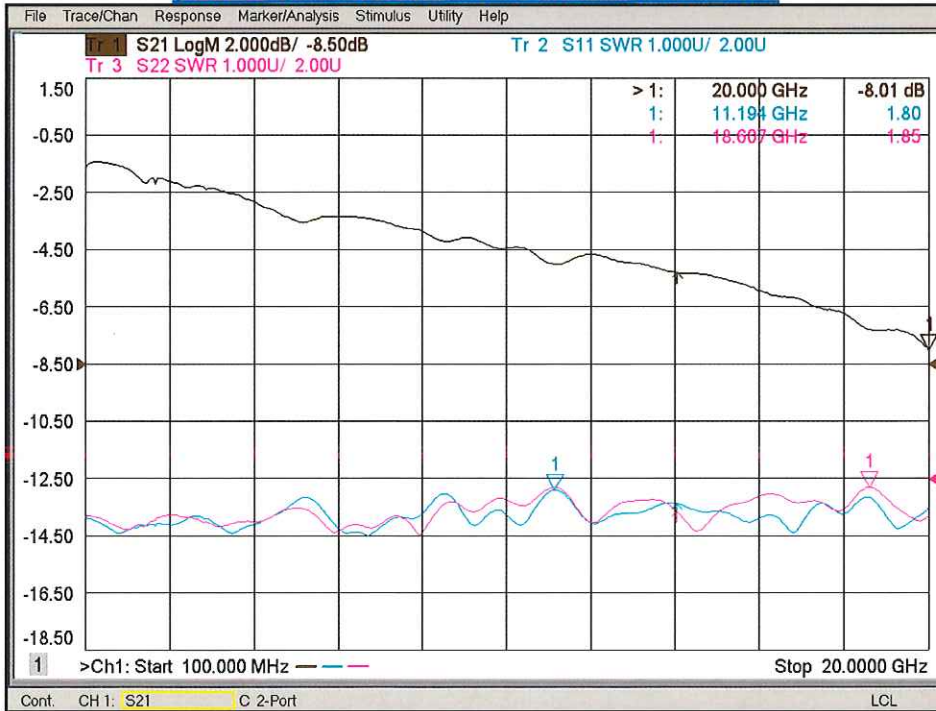
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**(J17-J5) Insertion Loss and Return Loss**



**(J17-J6) Insertion Loss and Return Loss**

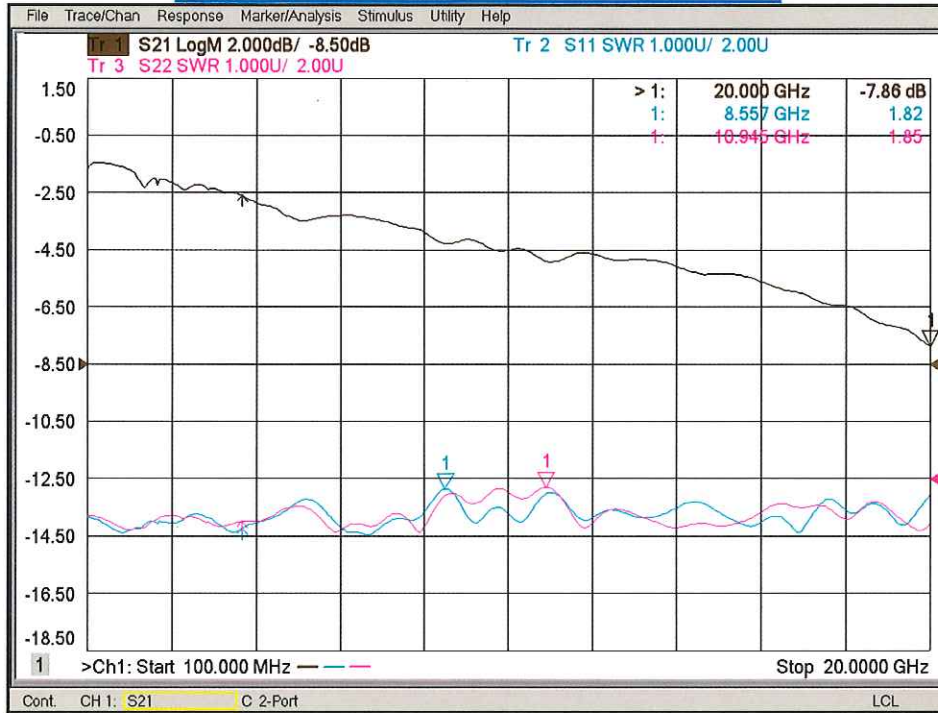




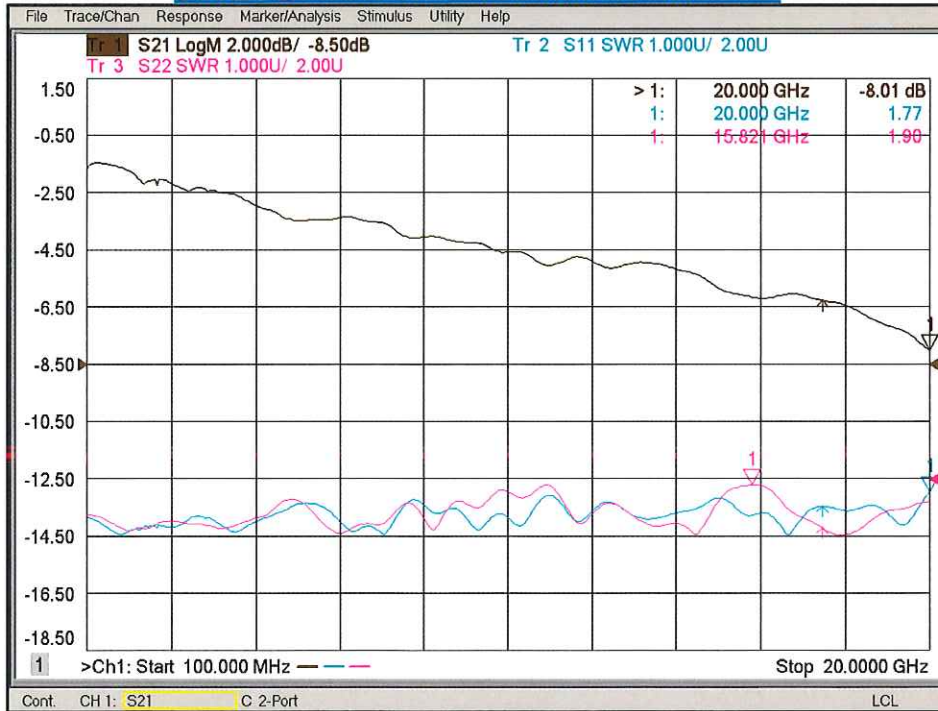
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**(J17-J7) Insertion Loss and Return Loss**



**(J17-J8) Insertion Loss and Return Loss**

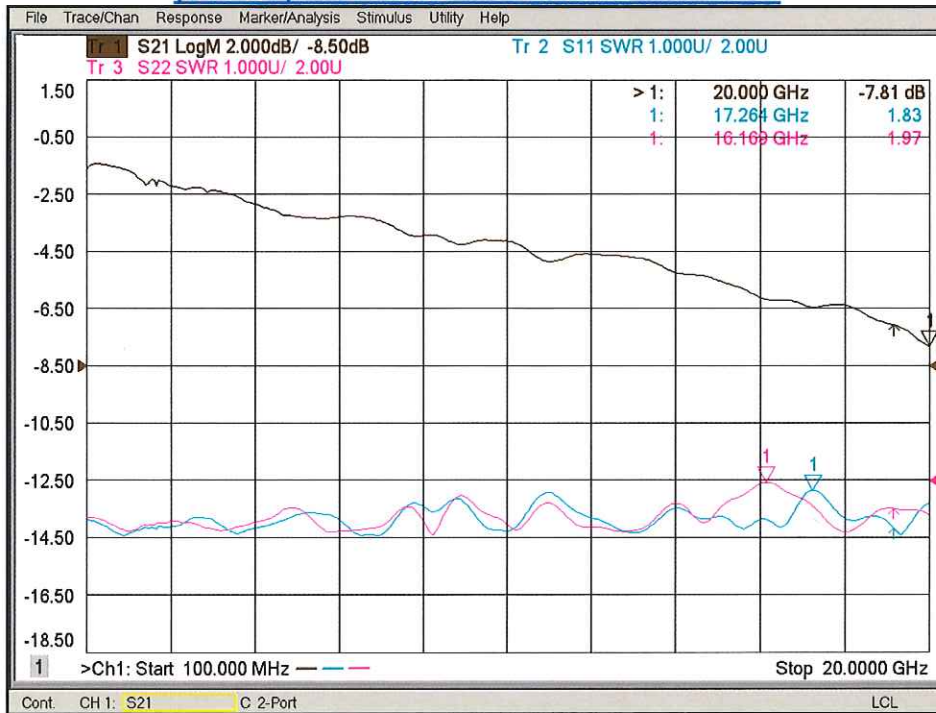




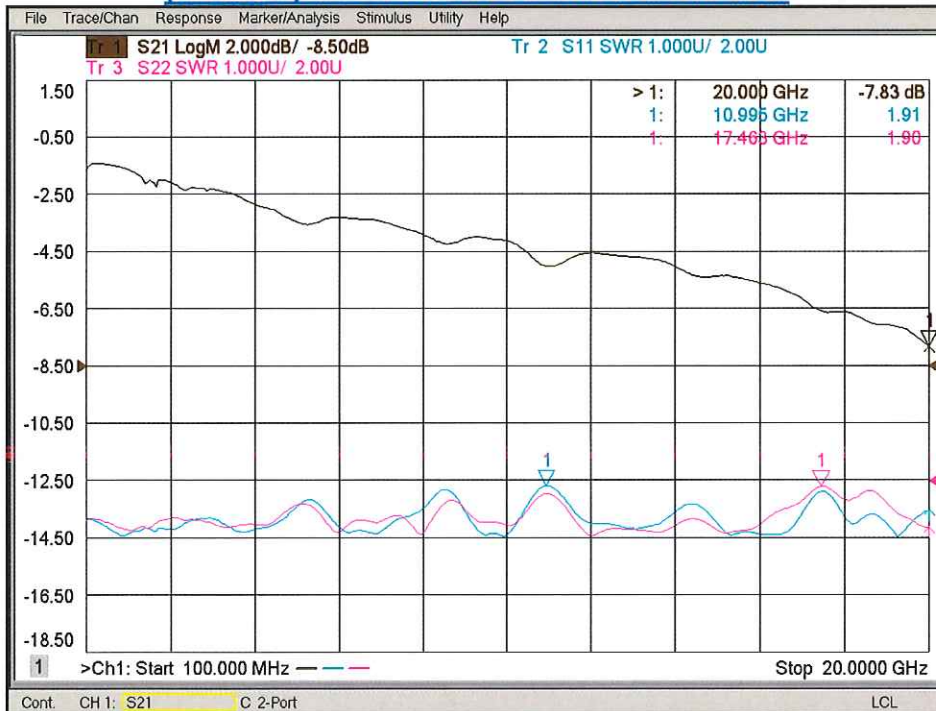
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**(J17-J9) Insertion Loss and Return Loss**



**(J17-J10) Insertion Loss and Return Loss**

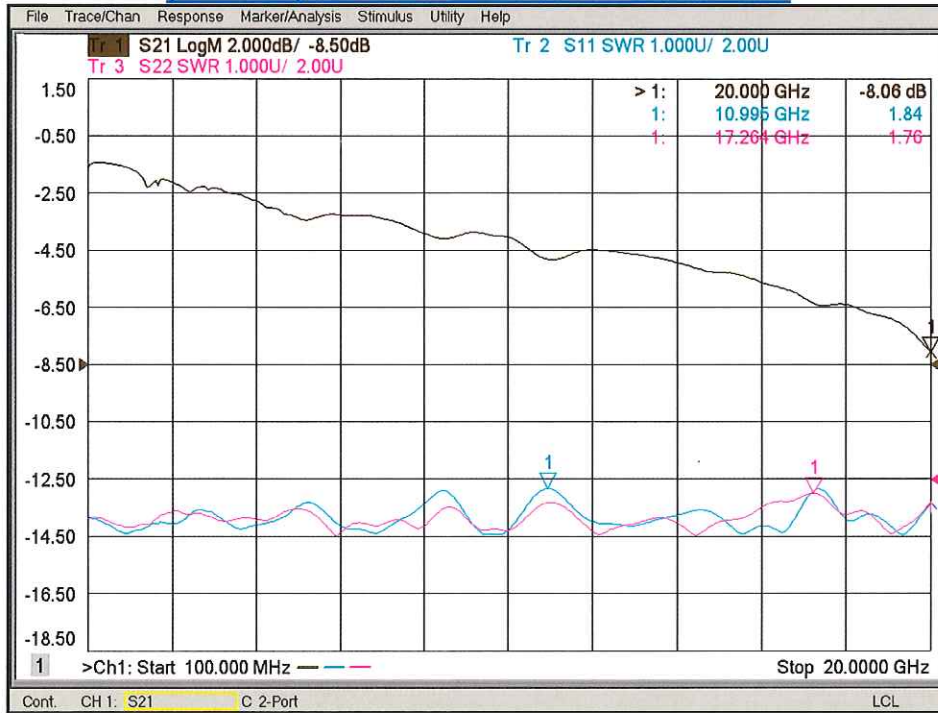




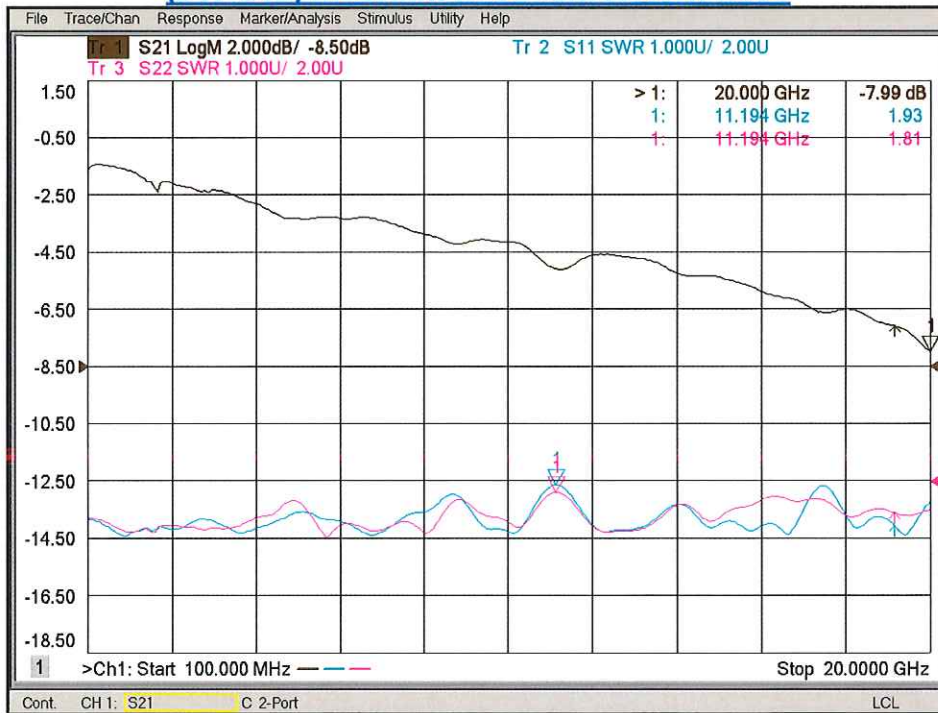
# SUMMARY TEST DATA ON P16T-100M20G-60-T-512-SFF

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## (J17-J11) Insertion Loss and Return Loss



## (J17-J12) Insertion Loss and Return Loss

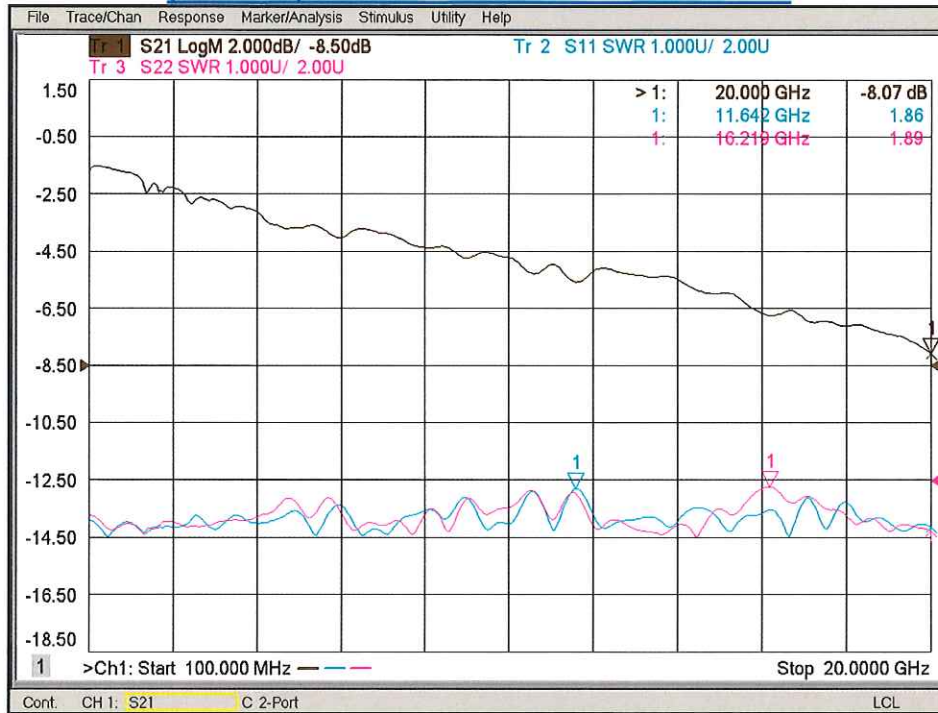




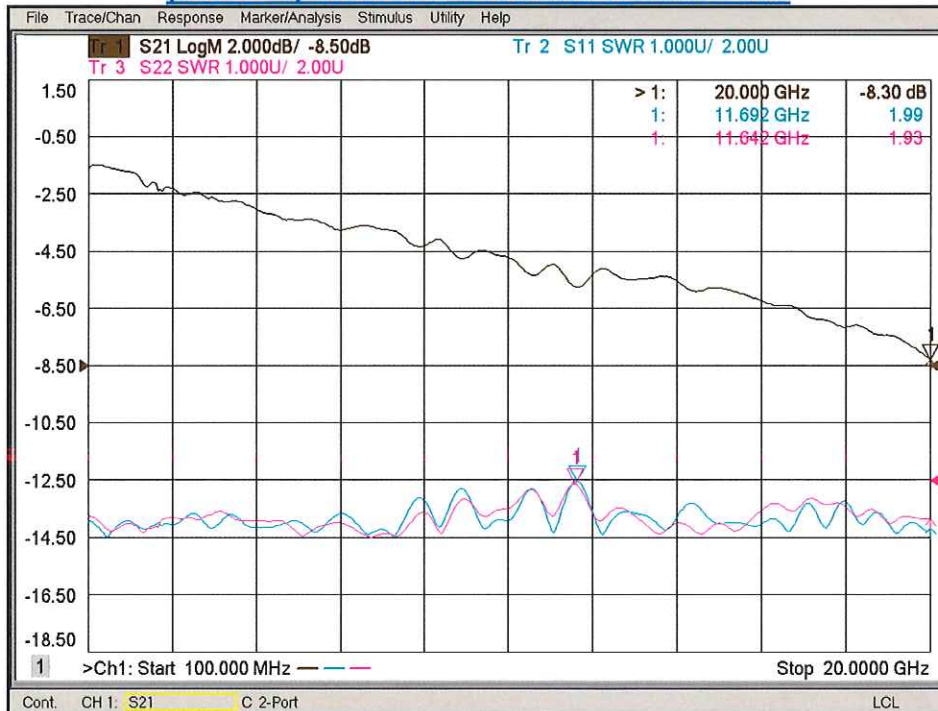
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**(J17-J13) Insertion Loss and Return Loss**



**(J17-J14) Insertion Loss and Return Loss**



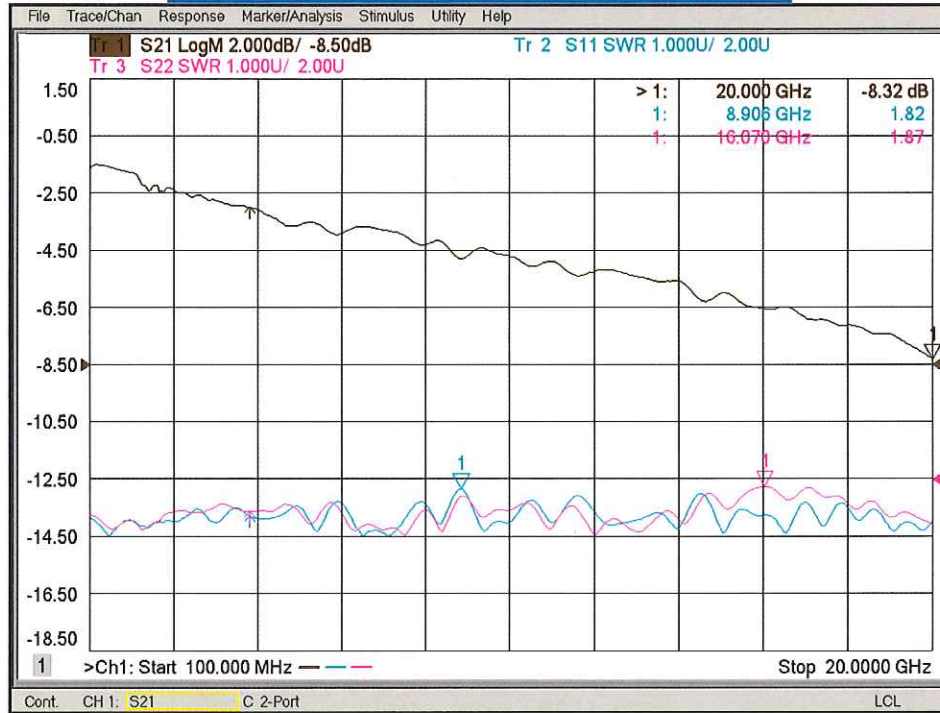
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



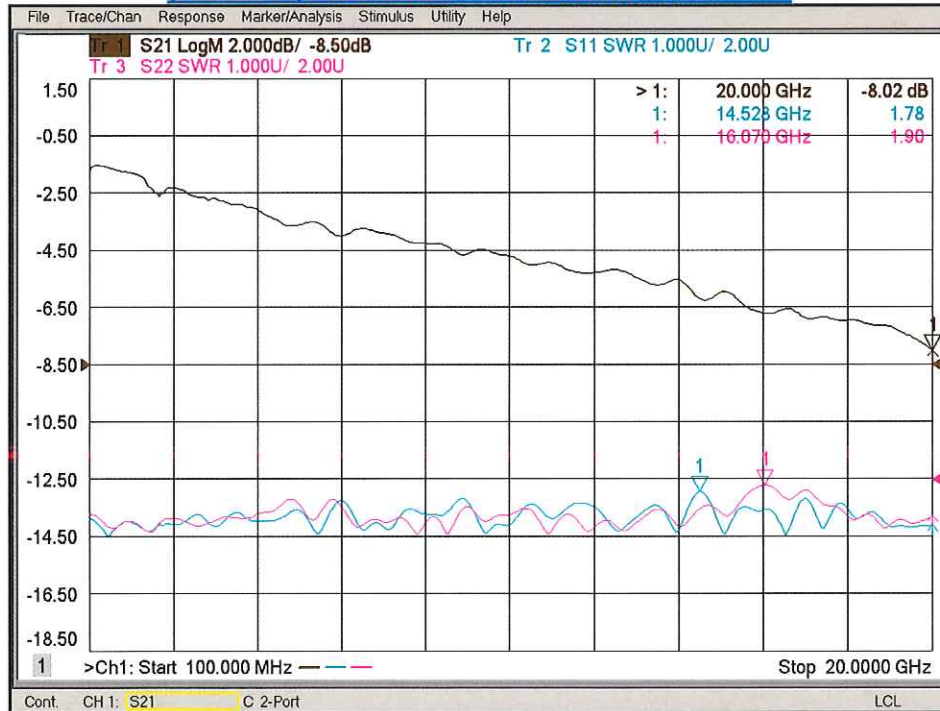
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**(J17-J15) Insertion Loss and Return Loss**



**(J17-J16) Insertion Loss and Return Loss**

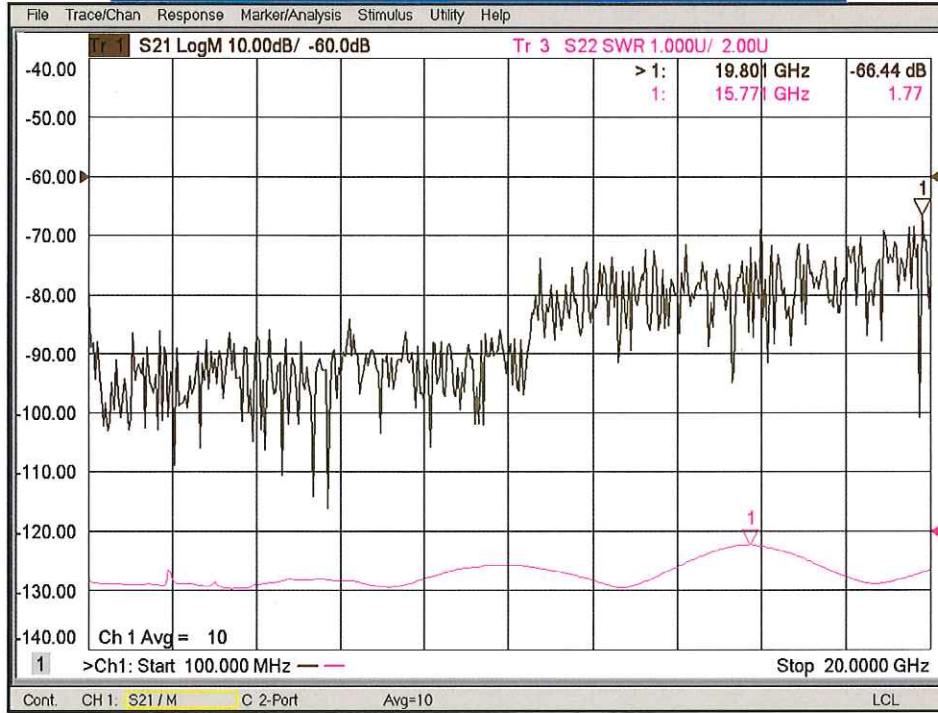




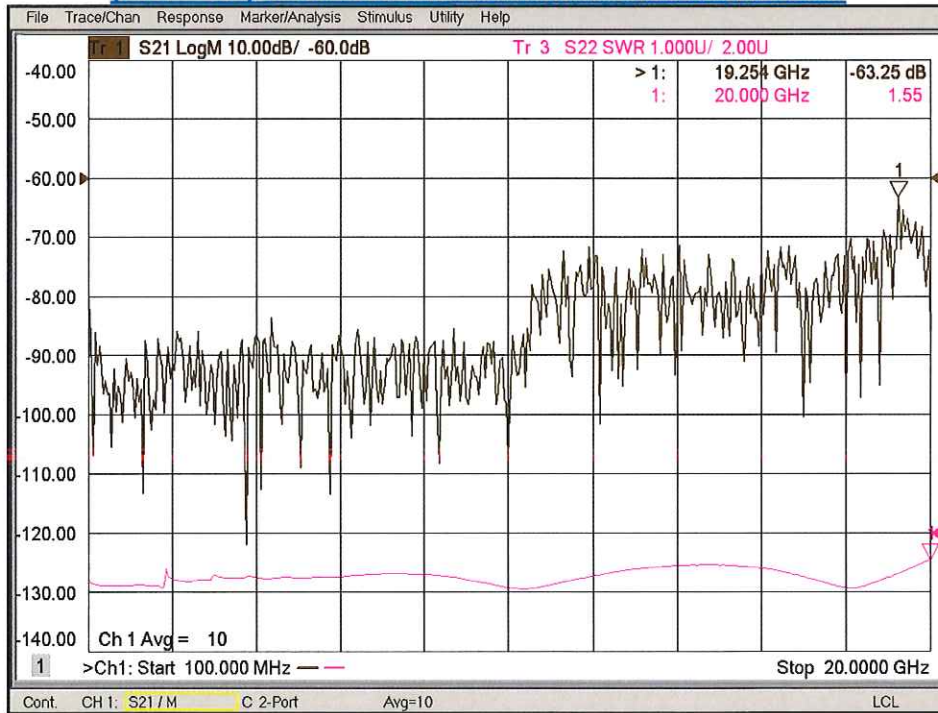
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**(J17 – J1) Isolation and Termination Return Loss**



**(J17 – J2) Isolation and Termination Return Loss**



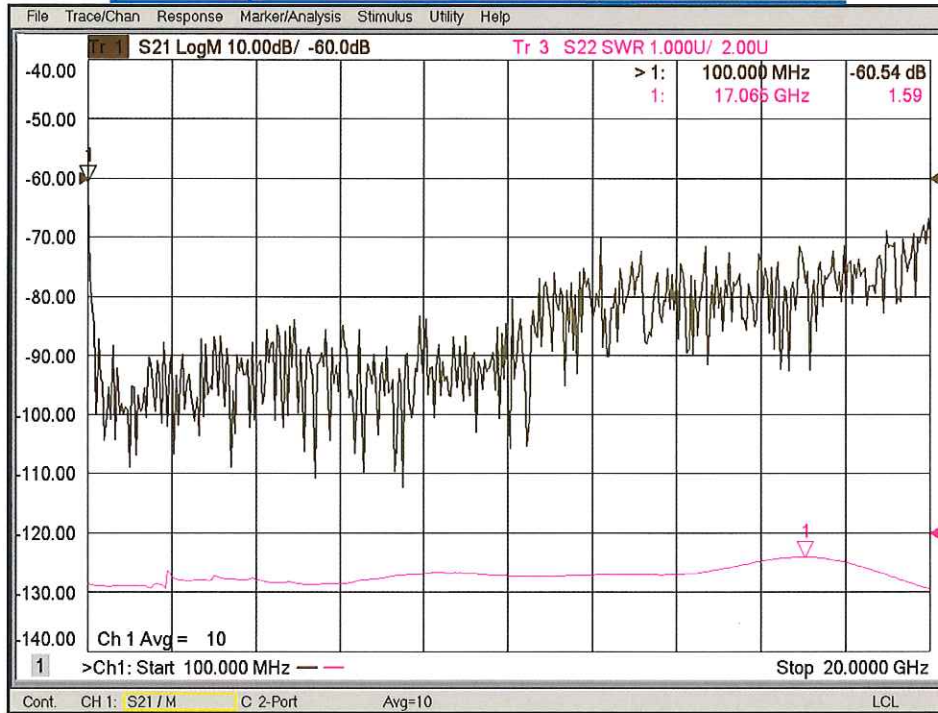
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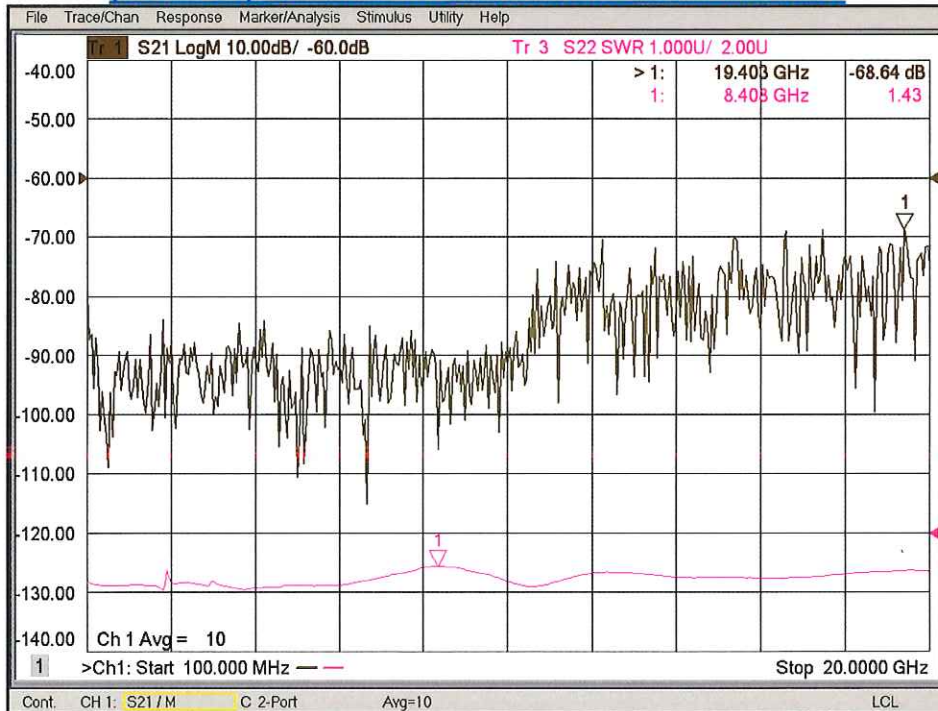
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**(J17 – J3) Isolation and Termination Return Loss**



**(J17 – J4) Isolation and Termination Return Loss**

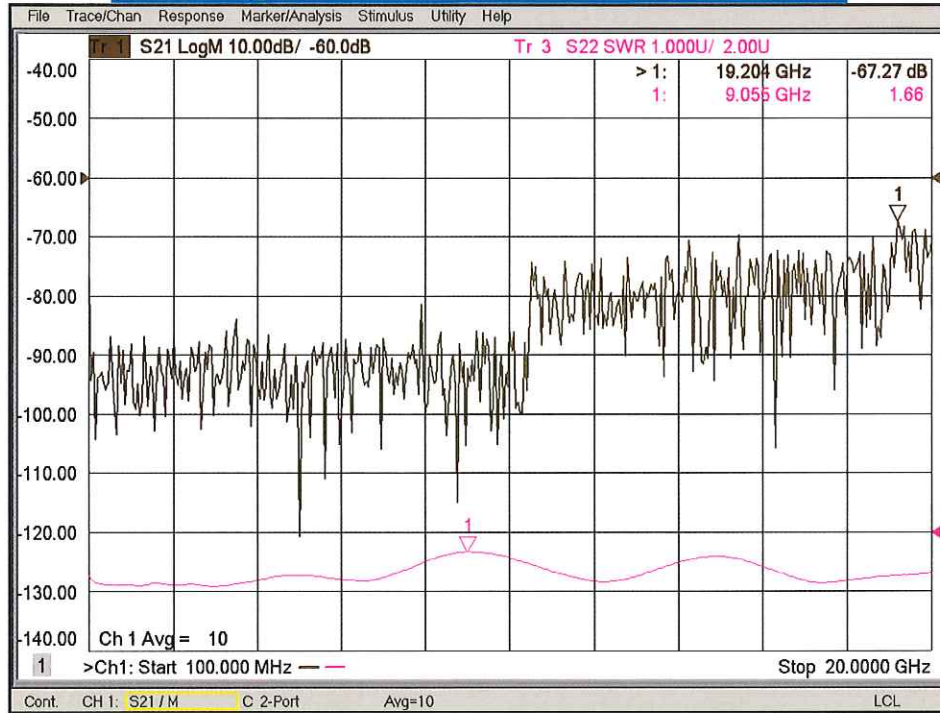




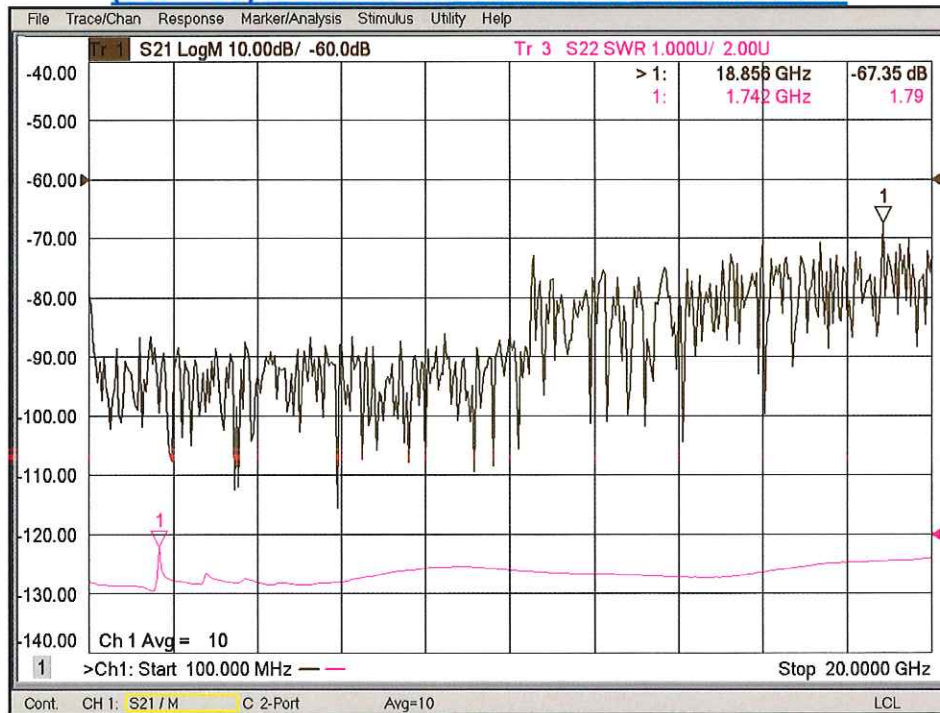
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**(J17 – J5) Isolation and Termination Return Loss**



**(J17 – J6) Isolation and Termination Return Loss**



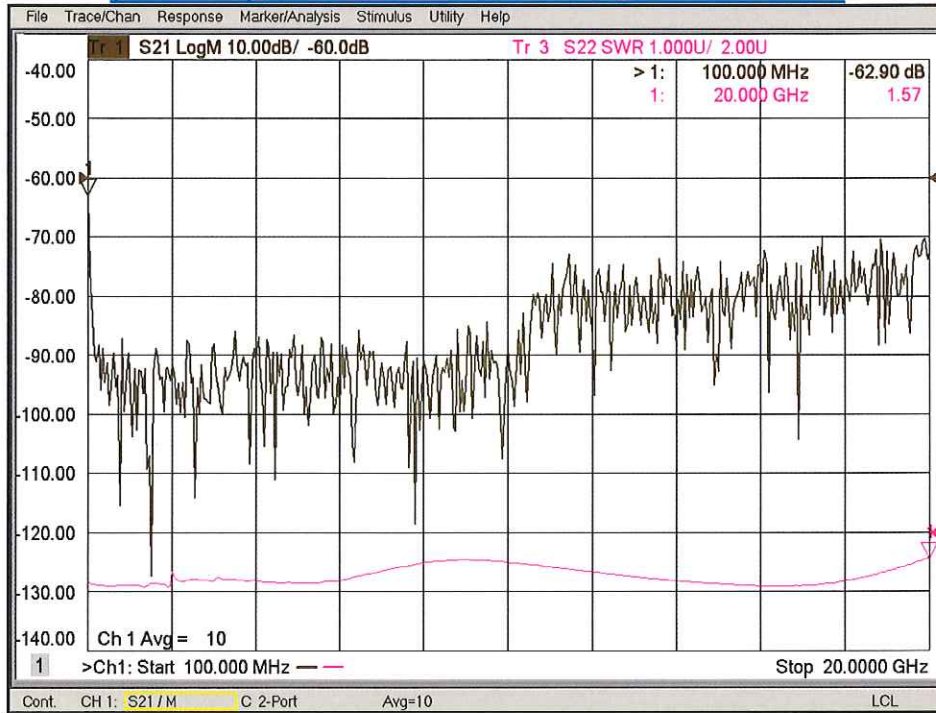
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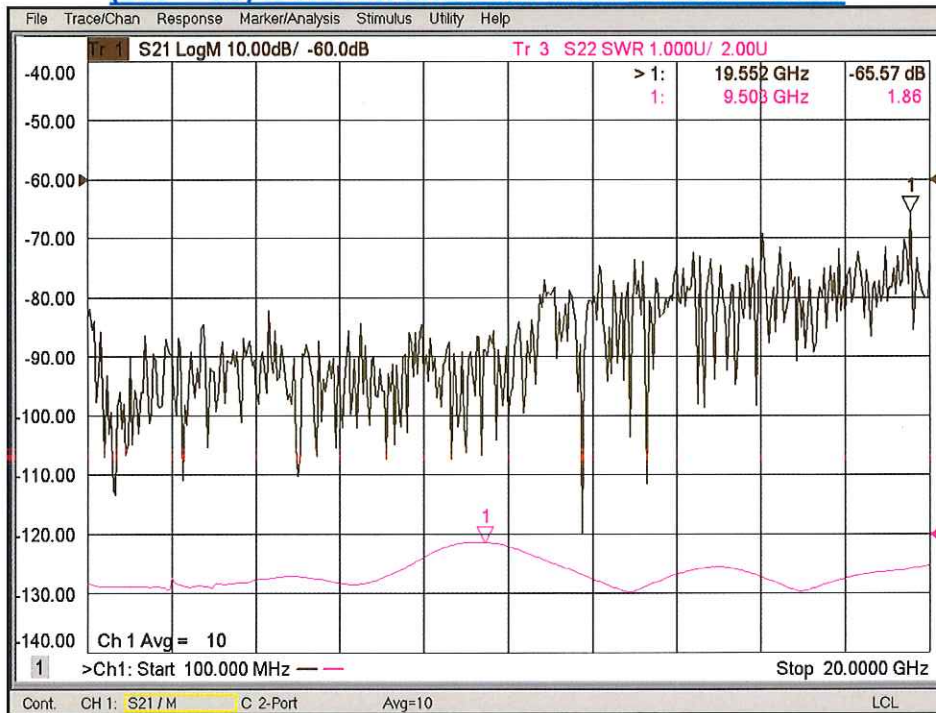
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**(J17 – J7) Isolation and Termination Return Loss**



**(J17 – J8) Isolation and Termination Return Loss**



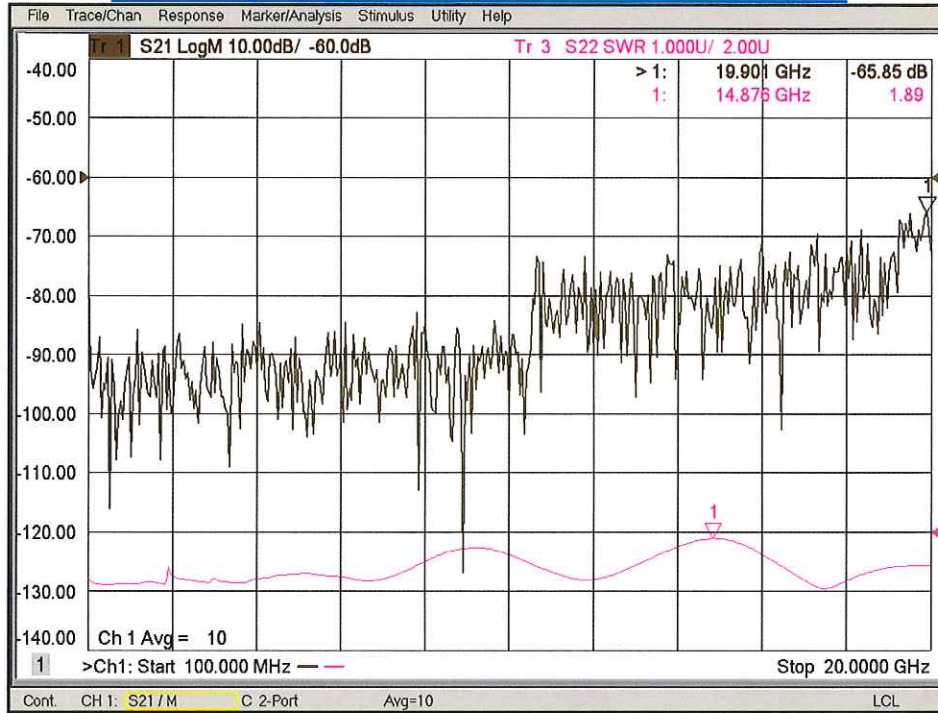
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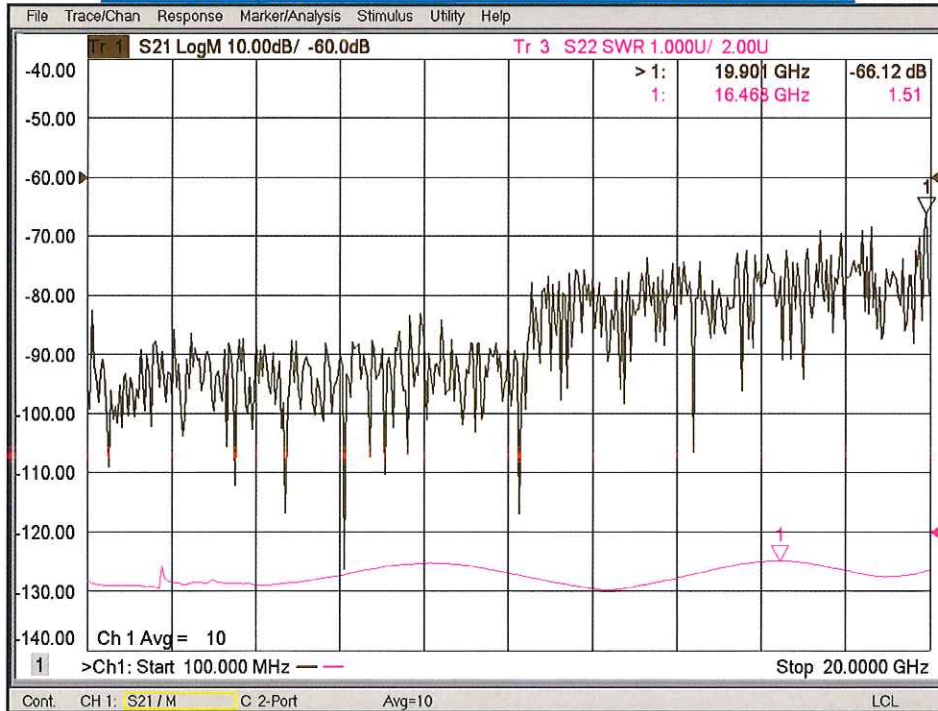
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**(J17 – J9) Isolation and Termination Return Loss**



**(J17 – J10) Isolation and Termination Return Loss**



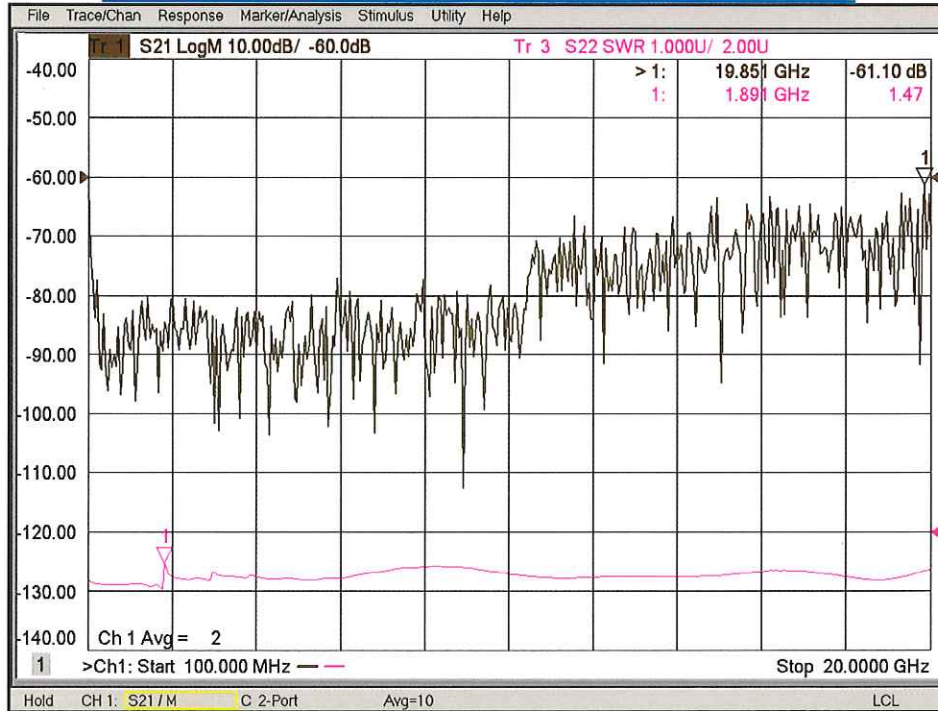
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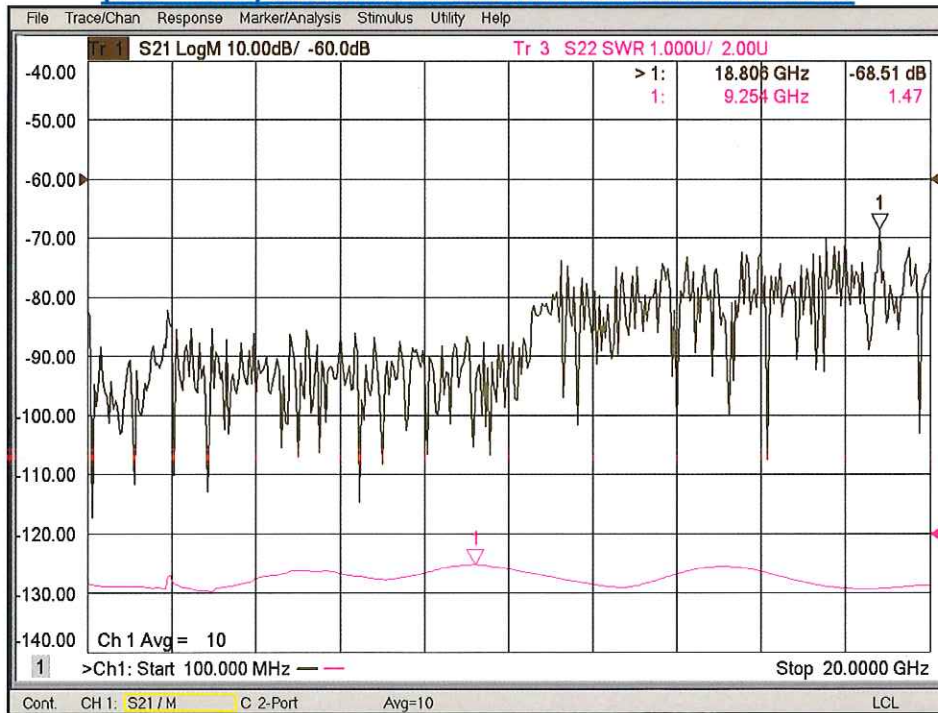
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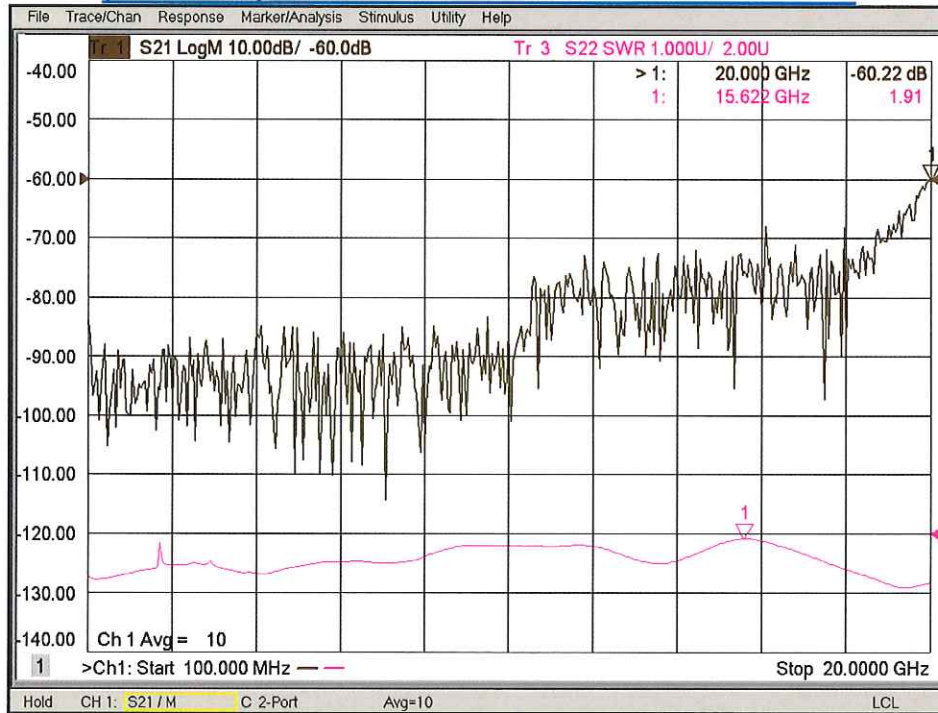
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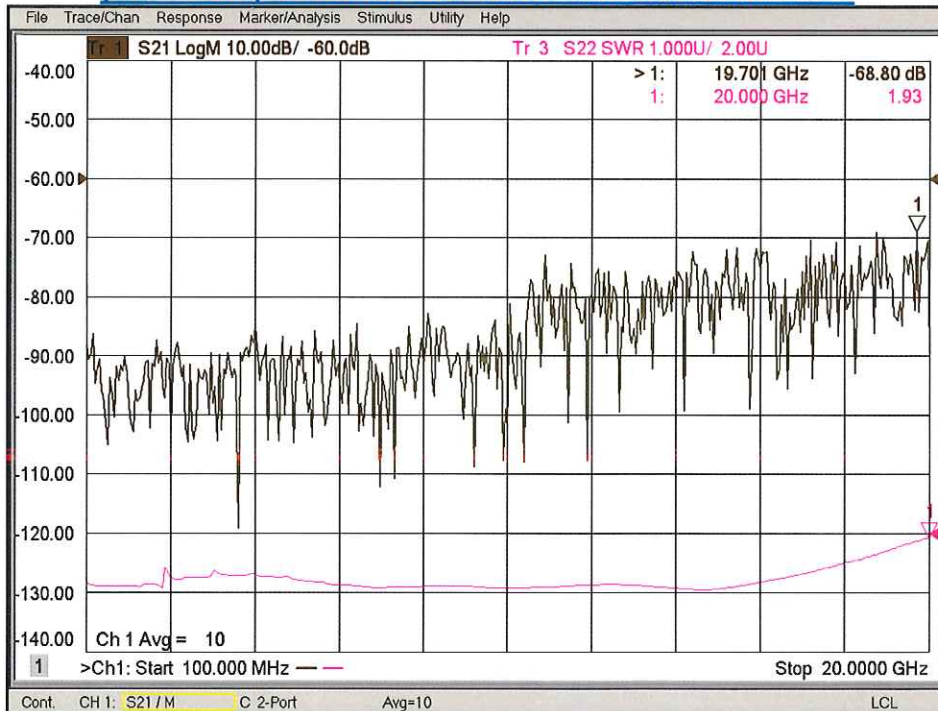
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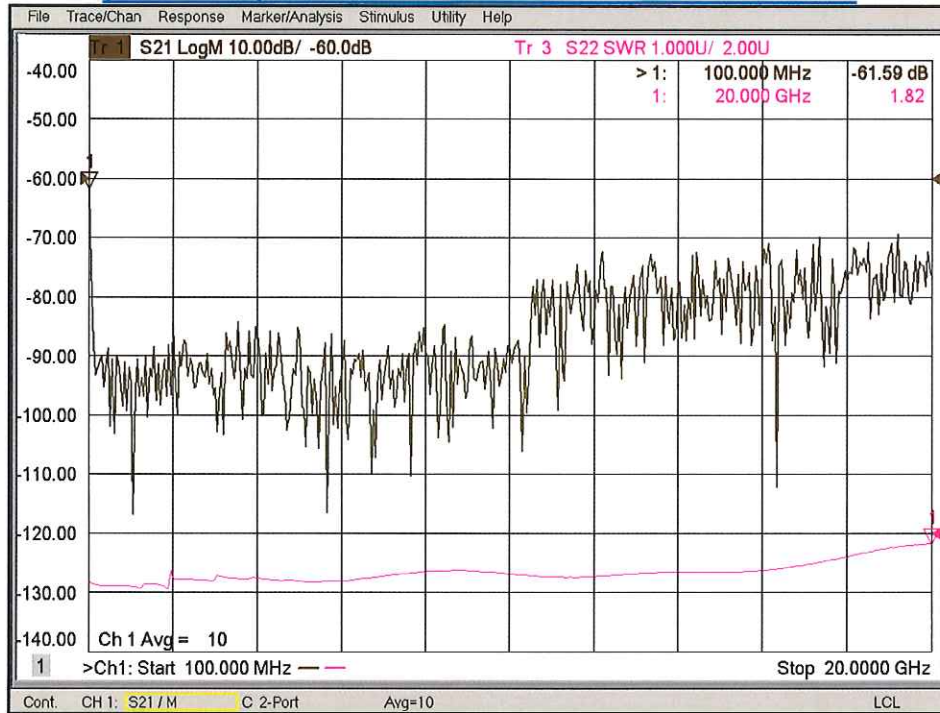
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