



**SUMMARY TEST DATA  
ON  
P16T-18G40G-90-T-512-SFF-DEC**

PL21897/1750

Customer: \_\_\_\_\_ Tested By: JERRY N.  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P16T-18G40G-90-T-512-SFF-DEC Date: 12/12/17  
Serial No: PL21897/1750 Drawing No: 27631721 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	18.0 to 40.0 GHz	18.0 to 40.0 GHz See Plot	PMI QA 2
2	Insertion Loss:	12dB Typ	10.60 dB See Plot	
3	Isolation	50dB Min	53.09 dB See Plot	
4	VSWR (Input/Output):	2.5:1 Typ	2.49 :1 See Plot	
5	VSWR (Output/Off):	2.5:1 Typ	2.41 :1 See Plot	
6	Switching Speed (Rise/Fall):	50ns Typ / 10ns Typ	13 ns / 6 ns See Typical Characteristics	
7	Switching Speed (Delay On/Off):	150ns Max	100.5 ns See Typical Characteristics	
8	Input Power:	+20dBm CW	Pass	
9	Control:	4-Bit Decoded TTL Logic (See Table on Outline Drawing)	Pass	
10	DC Supply:	+5VDC @ 750mA -12VDC @ 200mA	+5VDC @ 450 mA -12VDC @ 170 mA	PMI QA 2

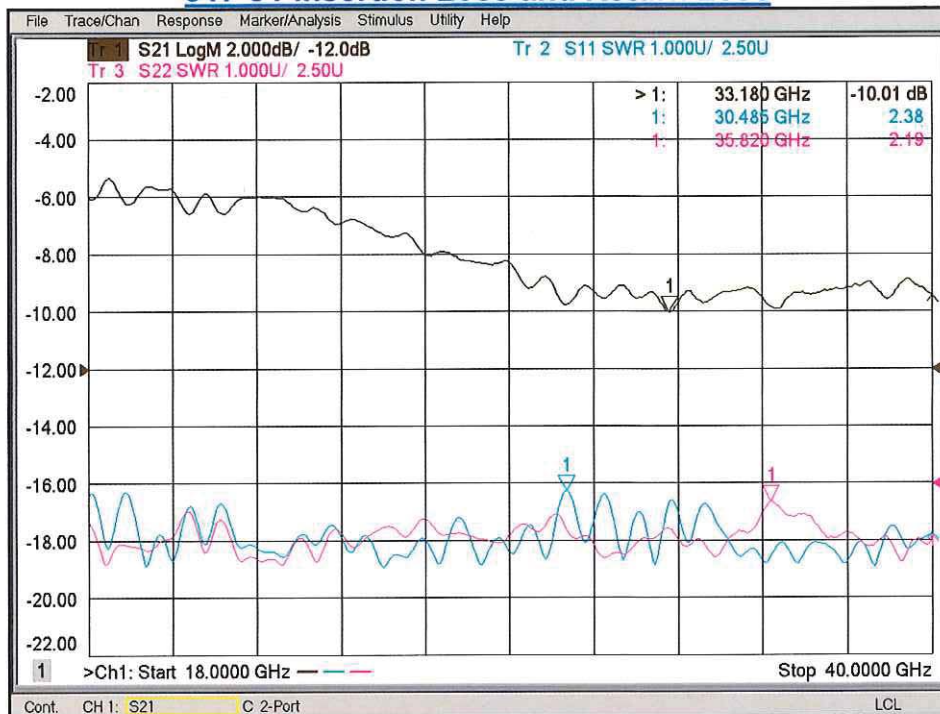
QA/QC Approval:  PMI QA 2 Date: 12/12/17



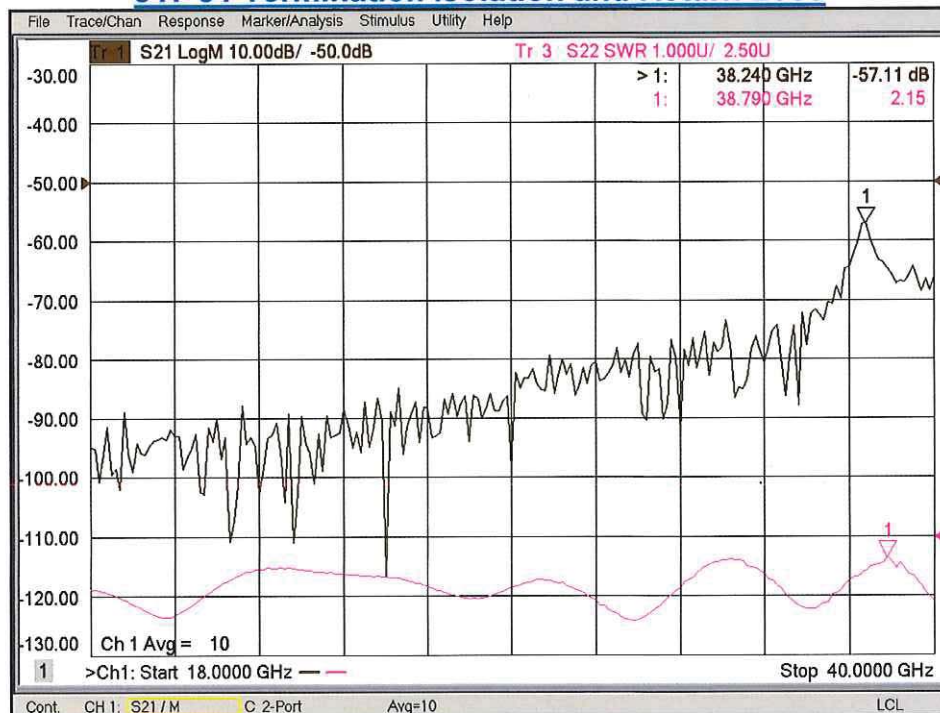
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## J17-J1 Insertion Loss and Return Loss



## J17-J1 Termination Isolation and Return Loss

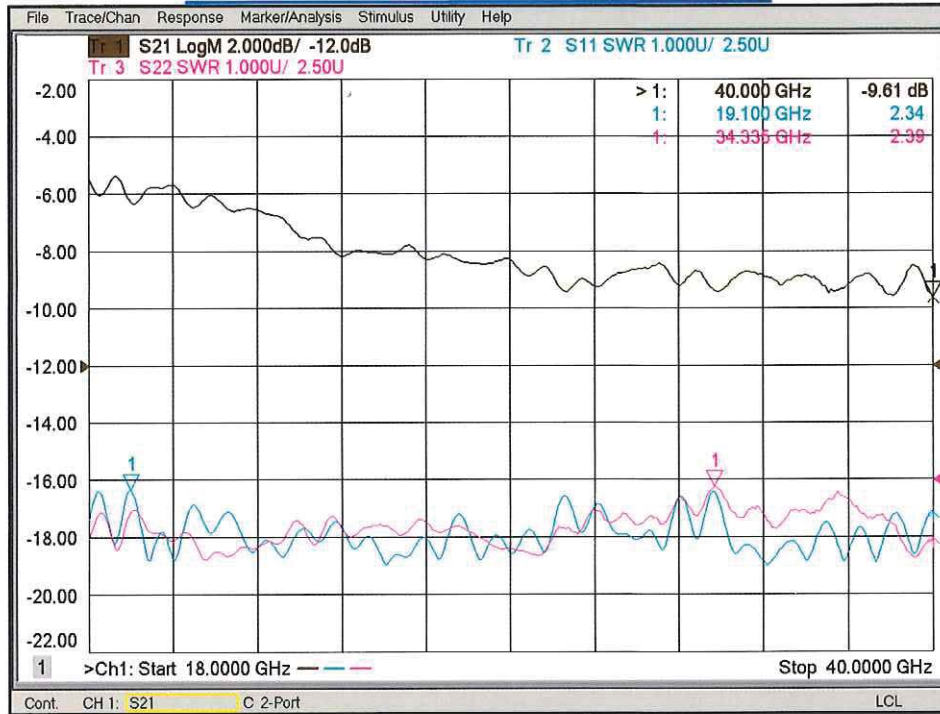




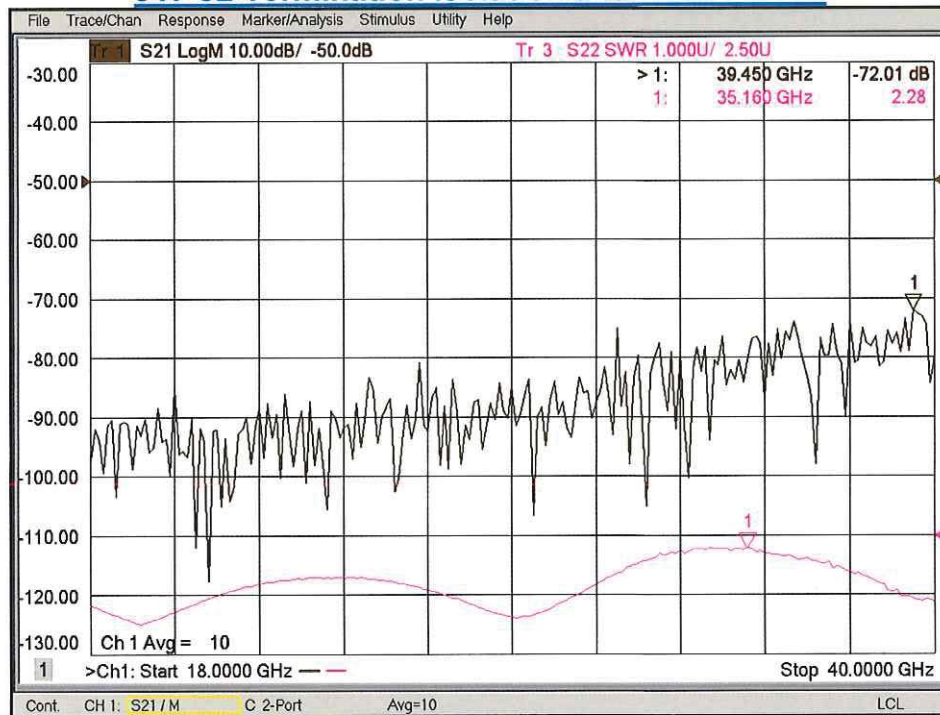
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## J17-J2 Insertion Loss and Return Loss



## J17-J2 Termination Isolation and Return Loss

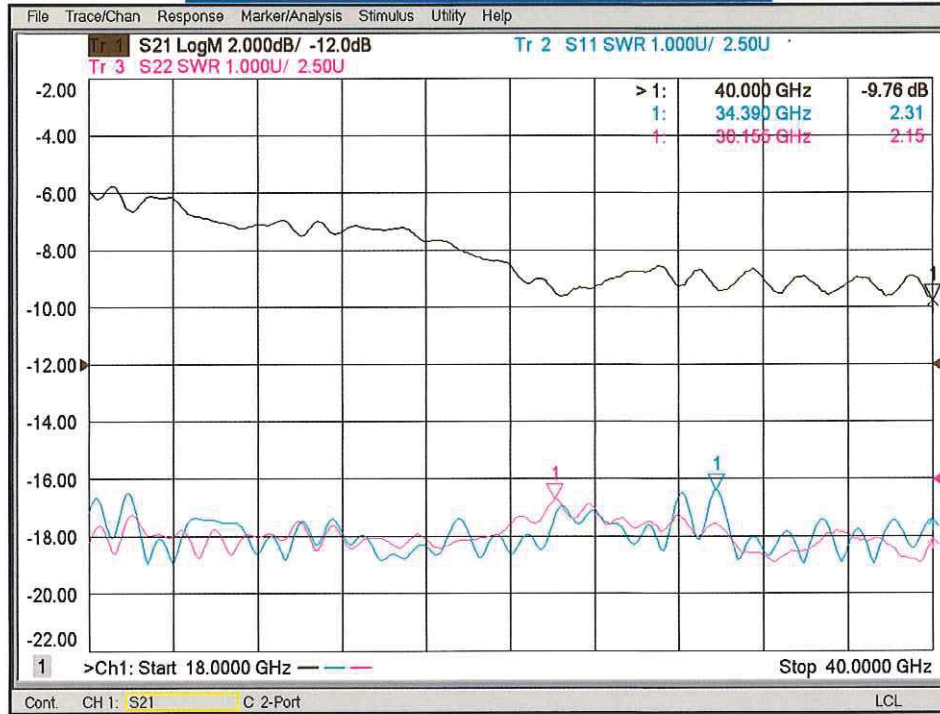




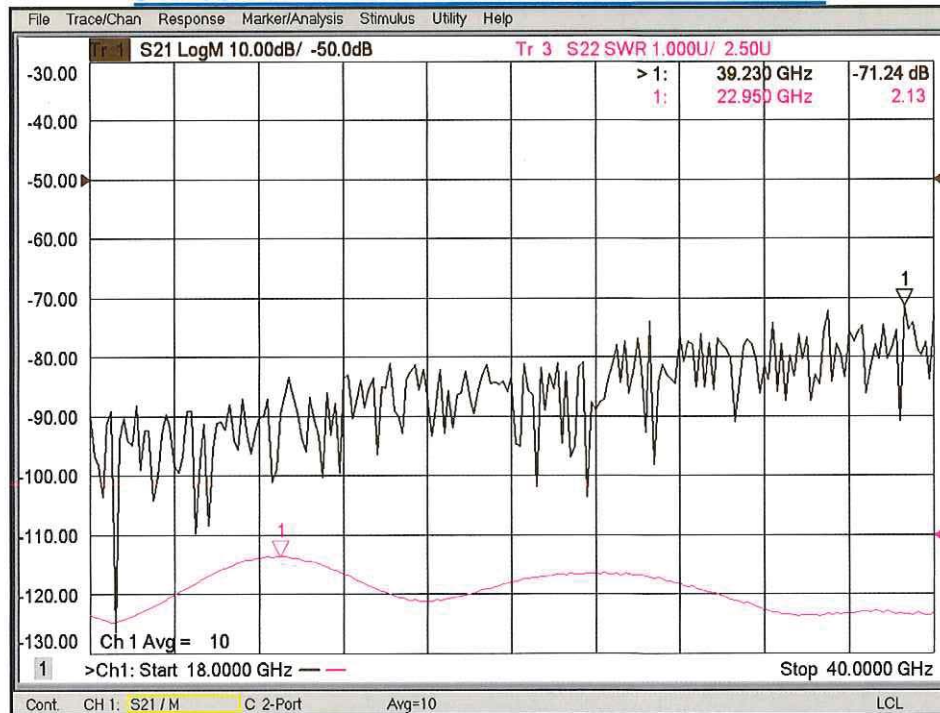
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## J17-J3 Insertion Loss and Return Loss



## J17-J3 Termination Isolation and Return Loss

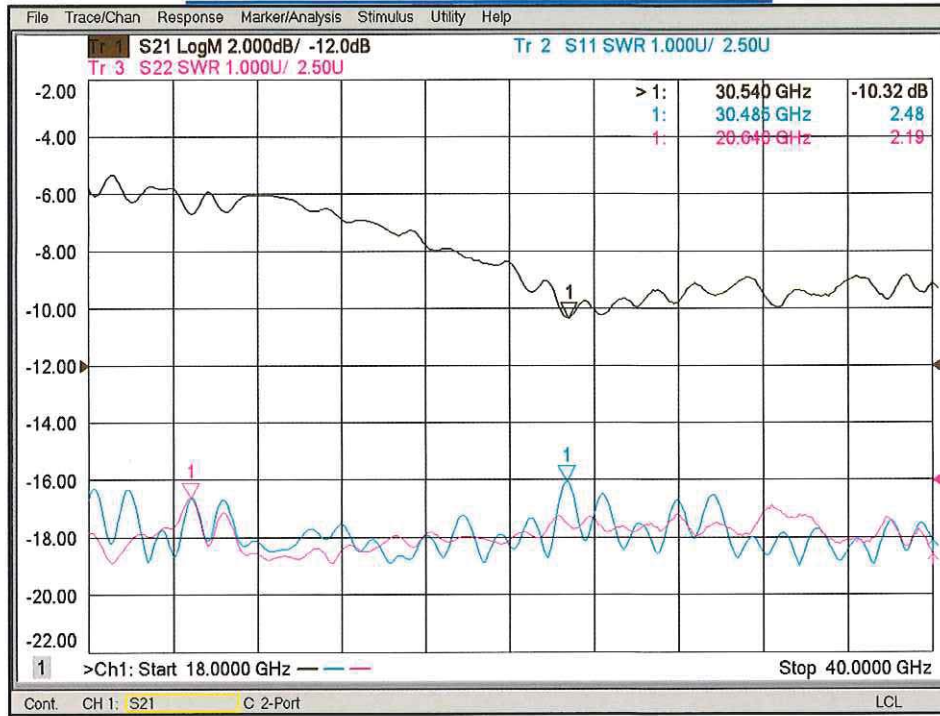




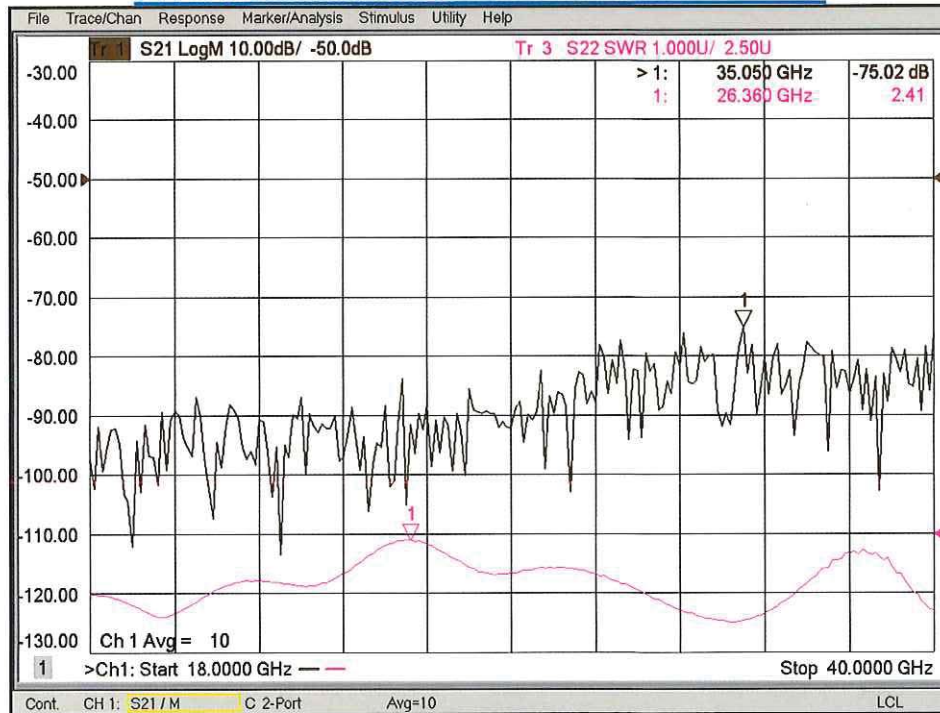
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## J17-J4 Insertion Loss and Return Loss



## J17-J4 Termination Isolation and Return Loss

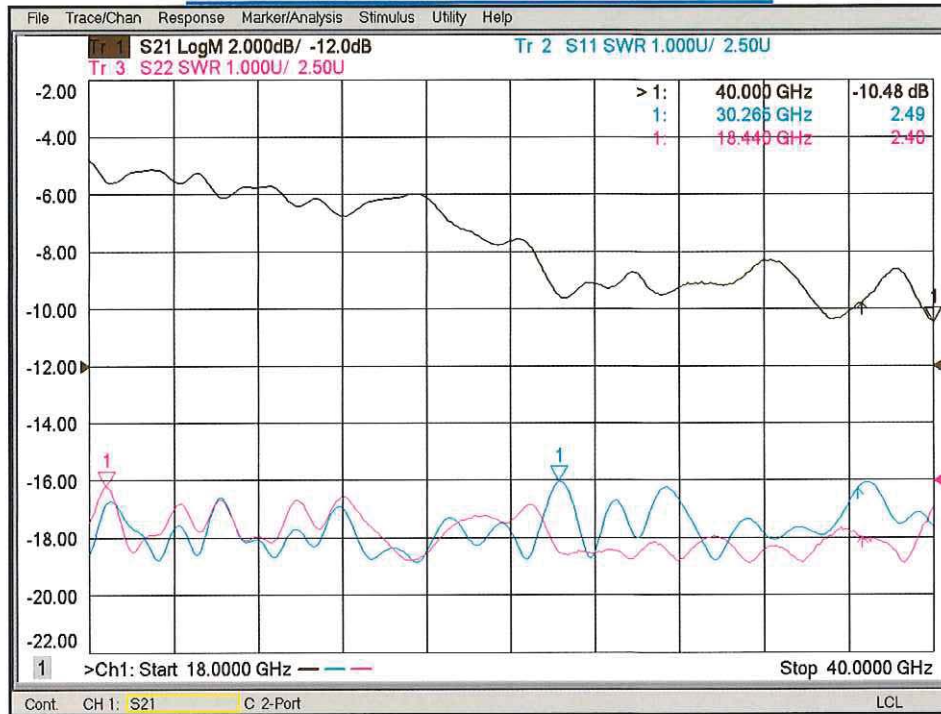




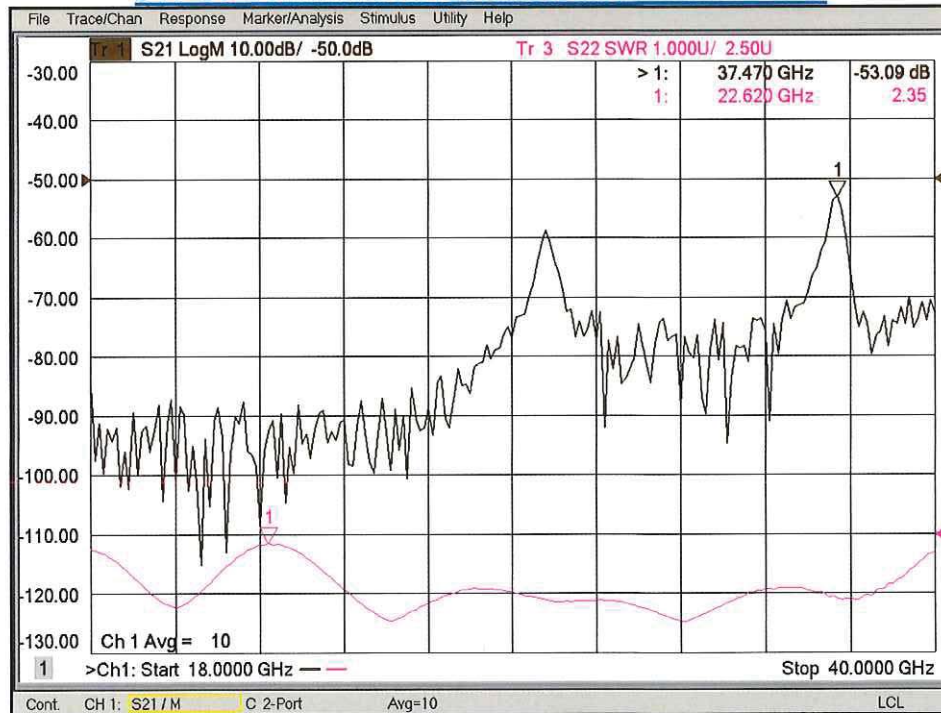
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## J17-J5 Insertion Loss and Return Loss



## J17-J5 Termination Isolation and Return Loss

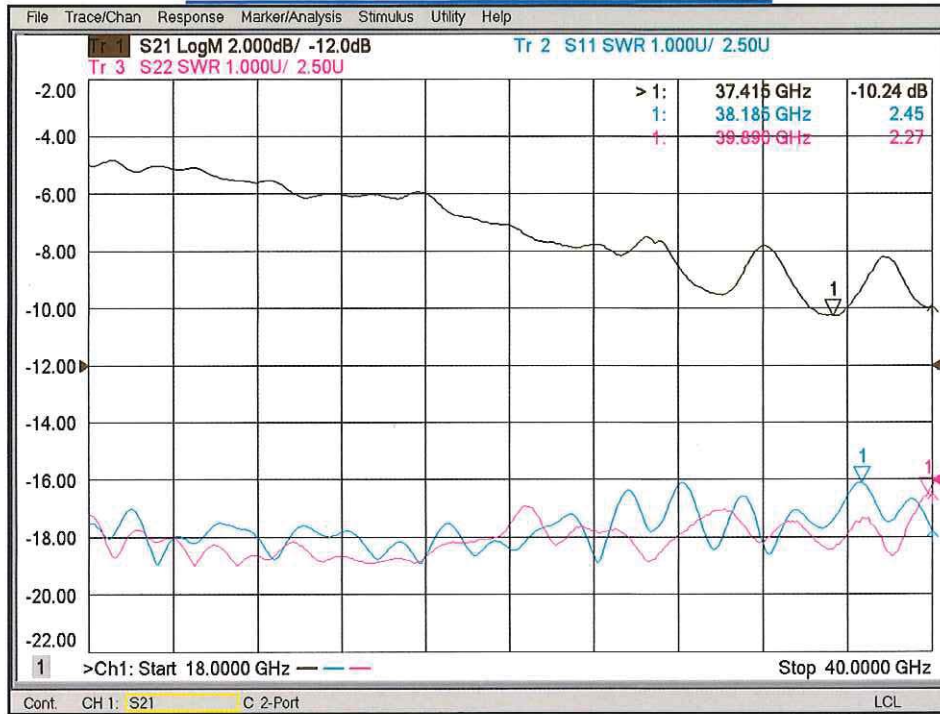




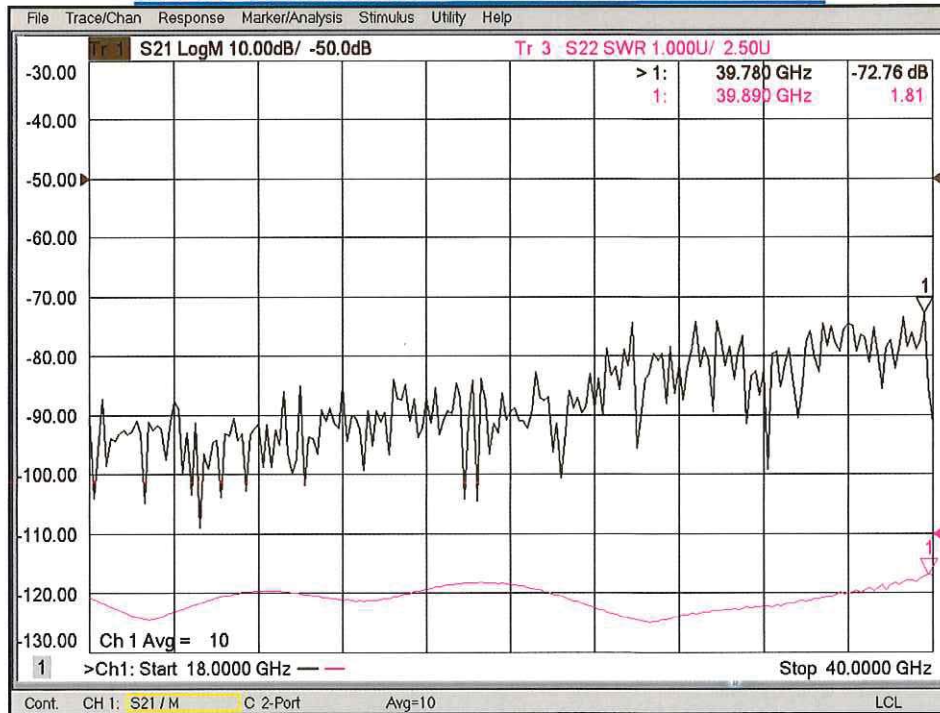
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## J17-J6 Insertion Loss and Return Loss



## J17-J6 Termination Isolation and Return Loss

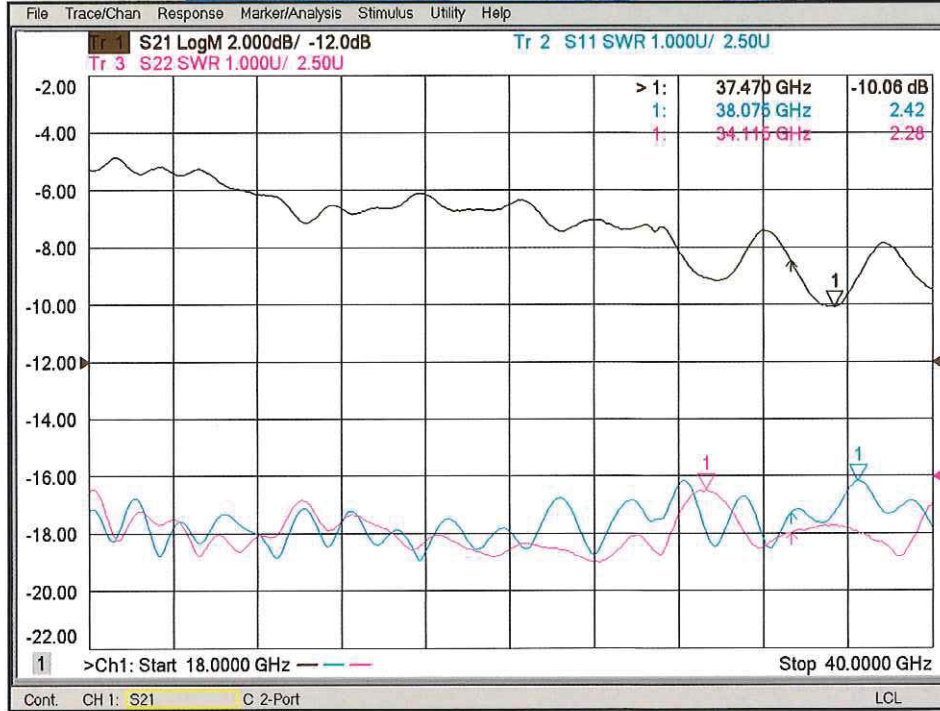




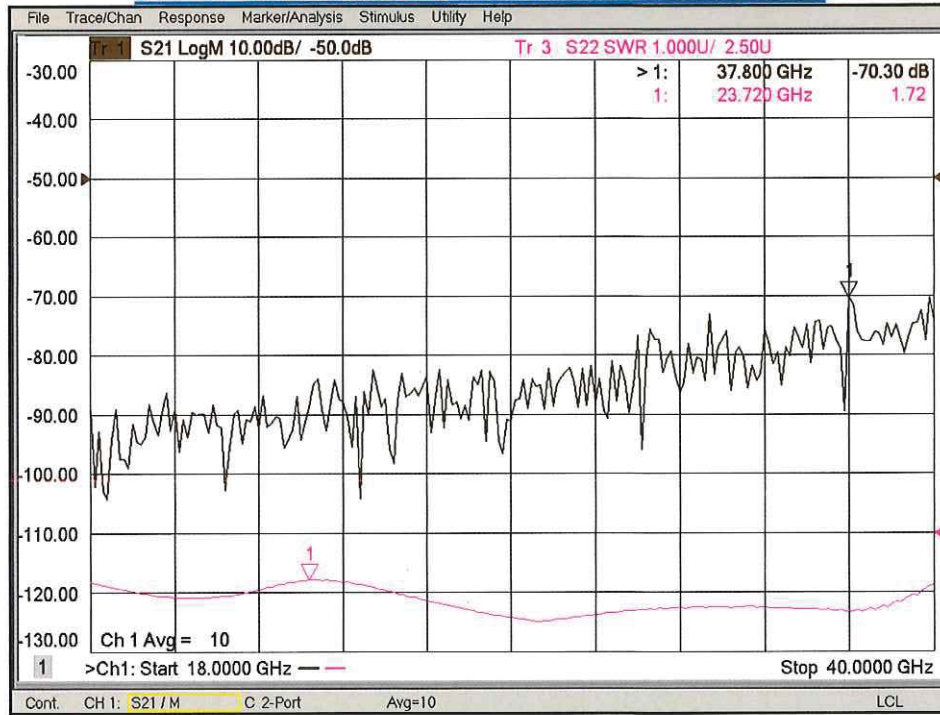
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## J17-J7 Insertion Loss and Return Loss



## J17-J7 Termination Isolation and Return Loss



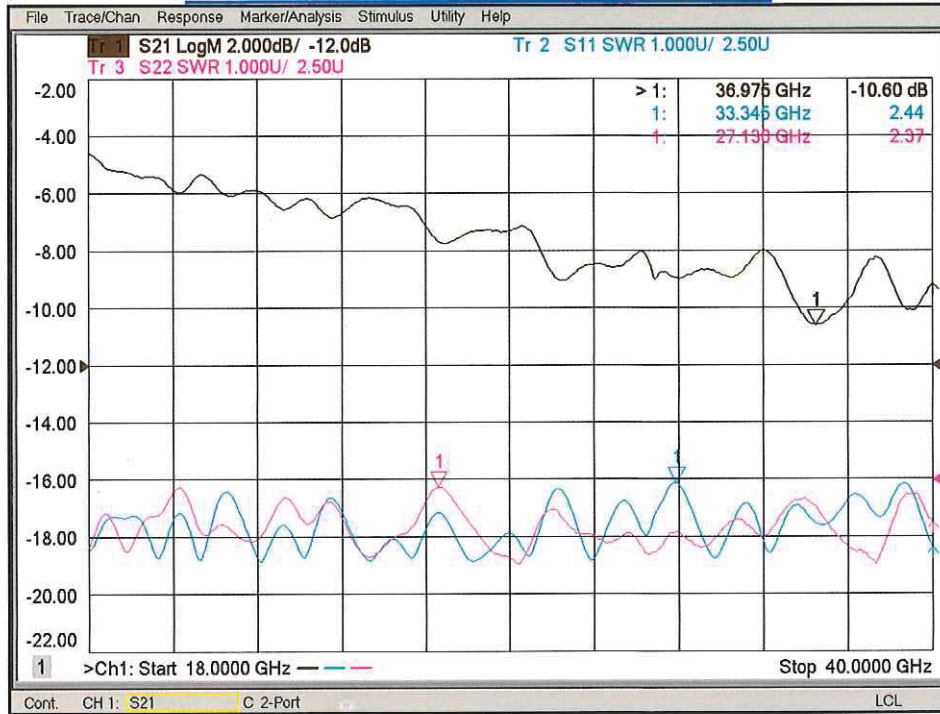




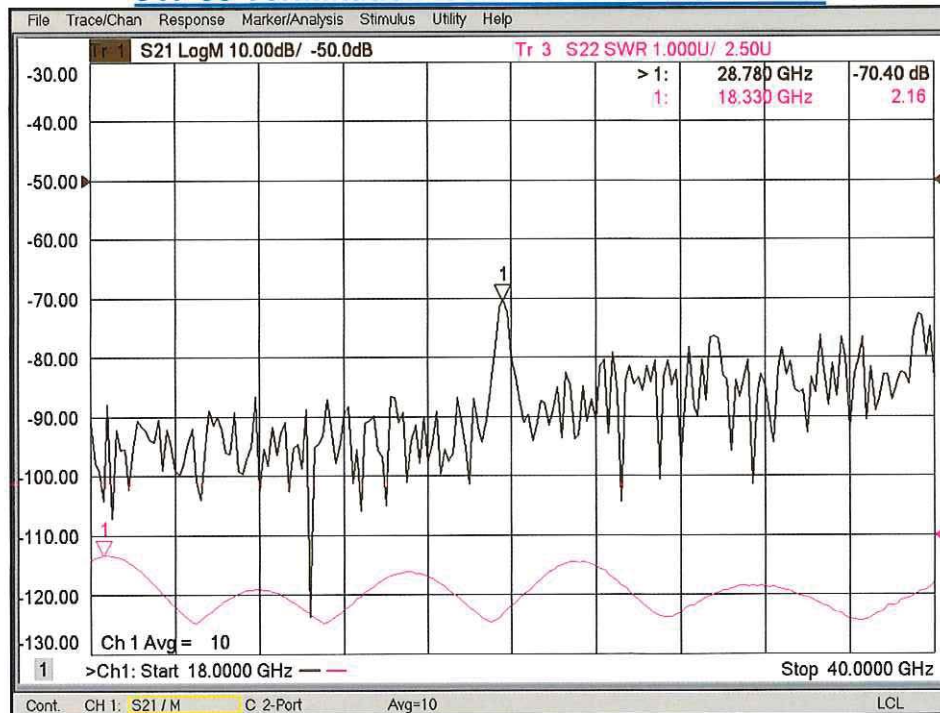
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## J17-J8 Insertion Loss and Return Loss



## J17-J8 Termination Isolation and Return Loss

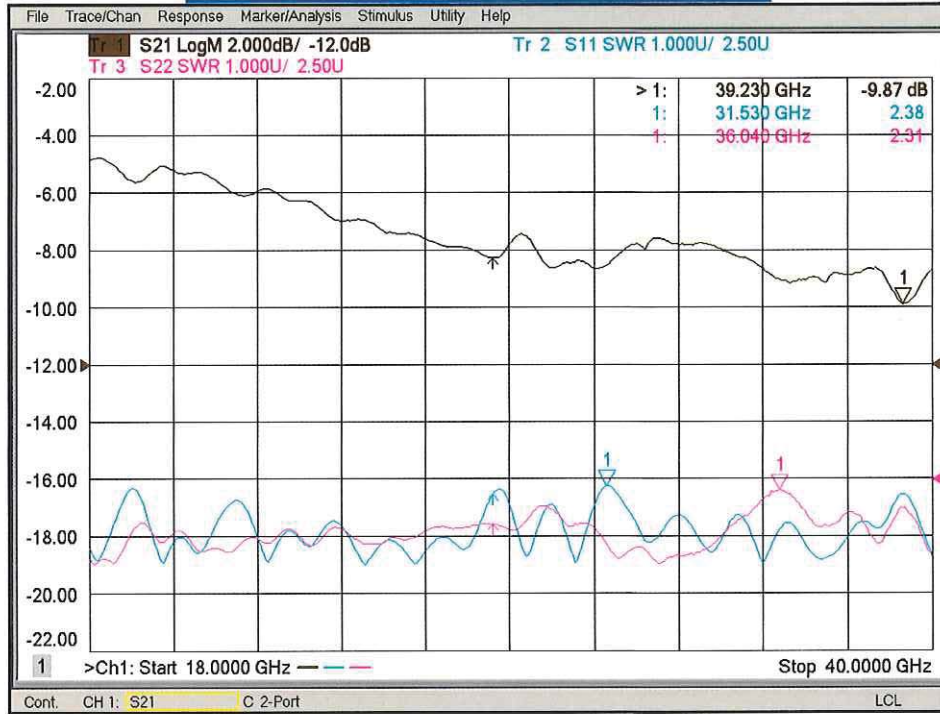




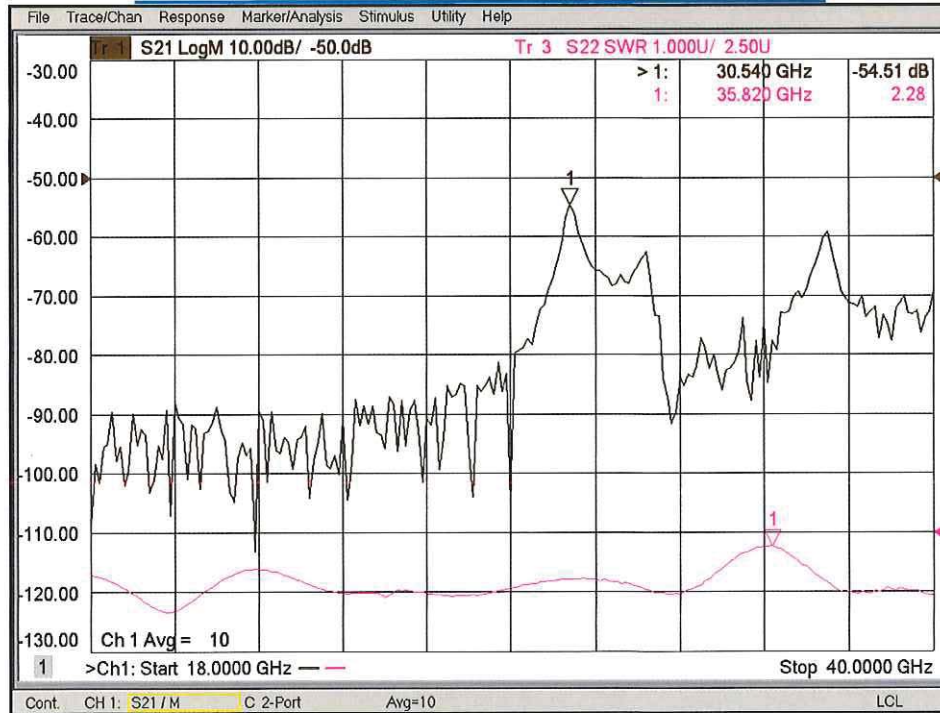
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## J17-J9 Insertion Loss and Return Loss



## J17-J9 Termination Isolation and Return Loss

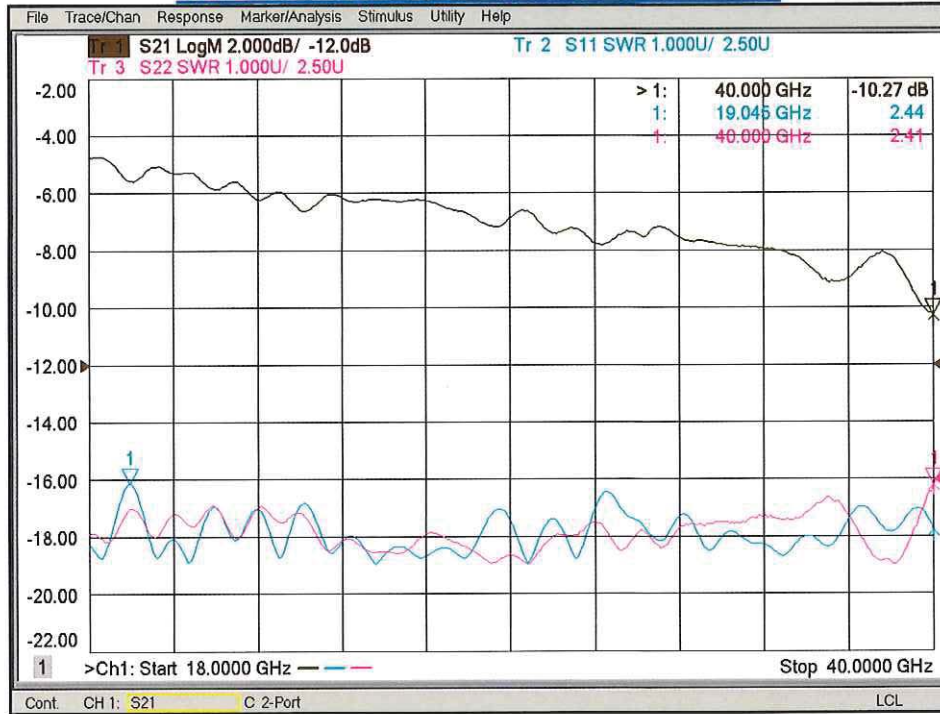




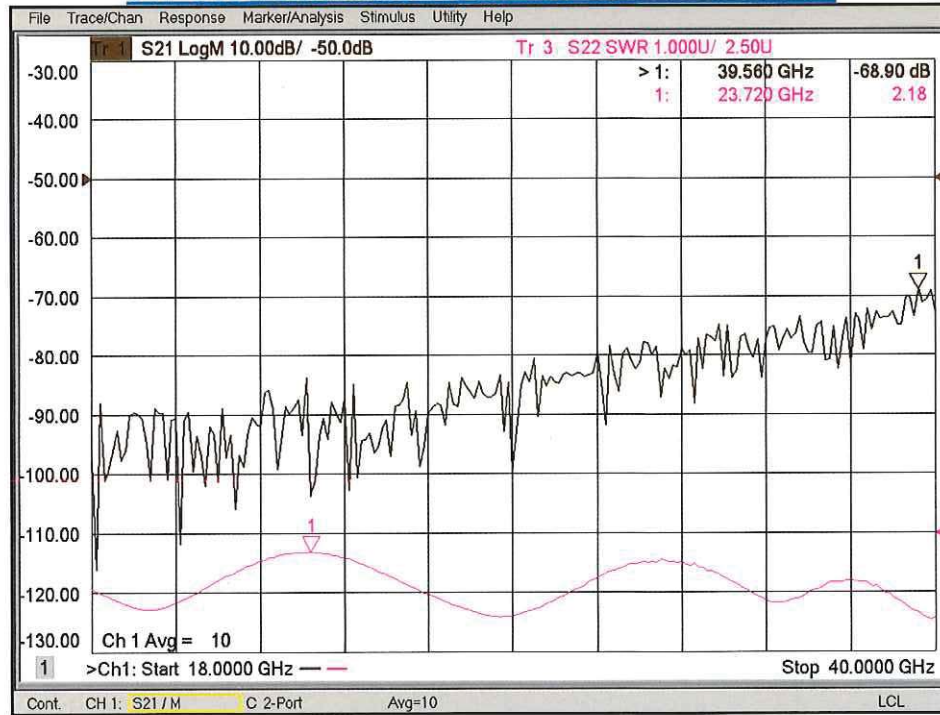
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## J17-J10 Insertion Loss and Return Loss



## J17-J10 Termination Isolation and Return Loss

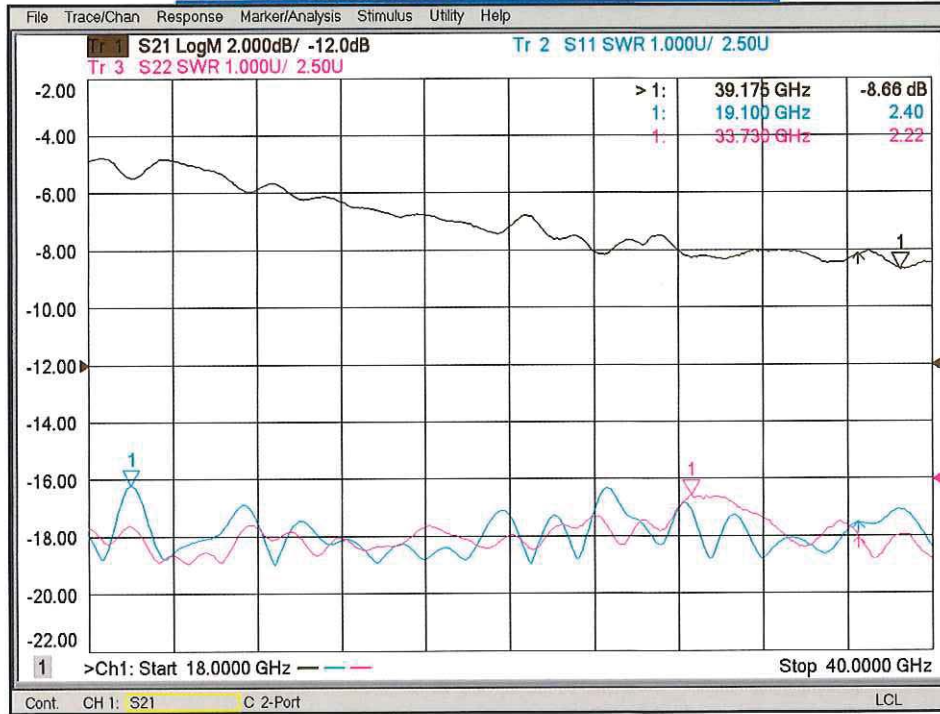




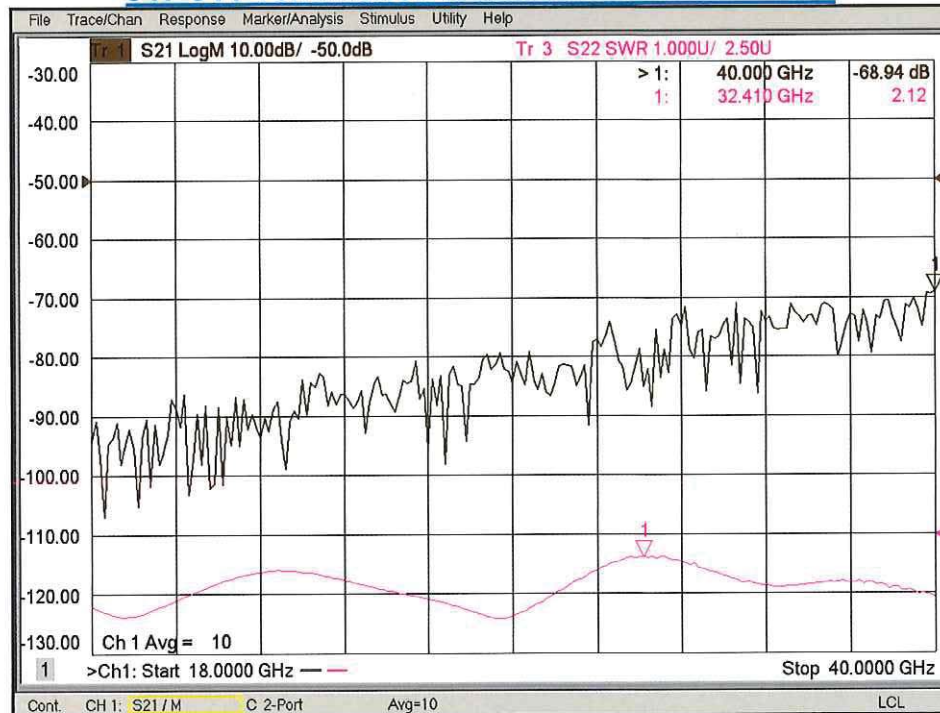
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**J17-J11 Insertion Loss and Return Loss**



**J17-J11 Termination Isolation and Return Loss**

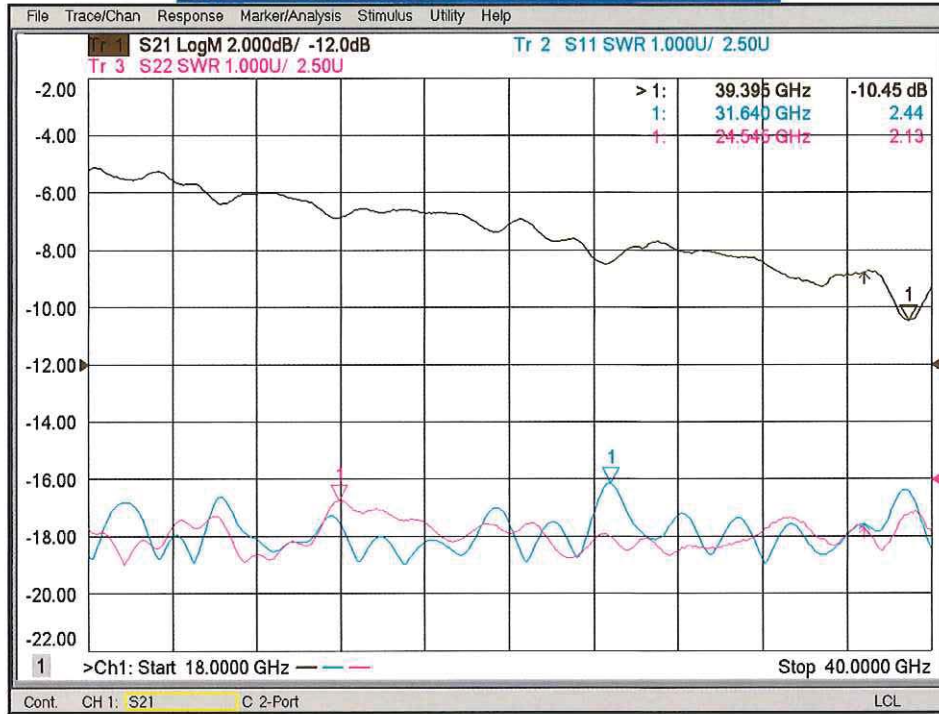




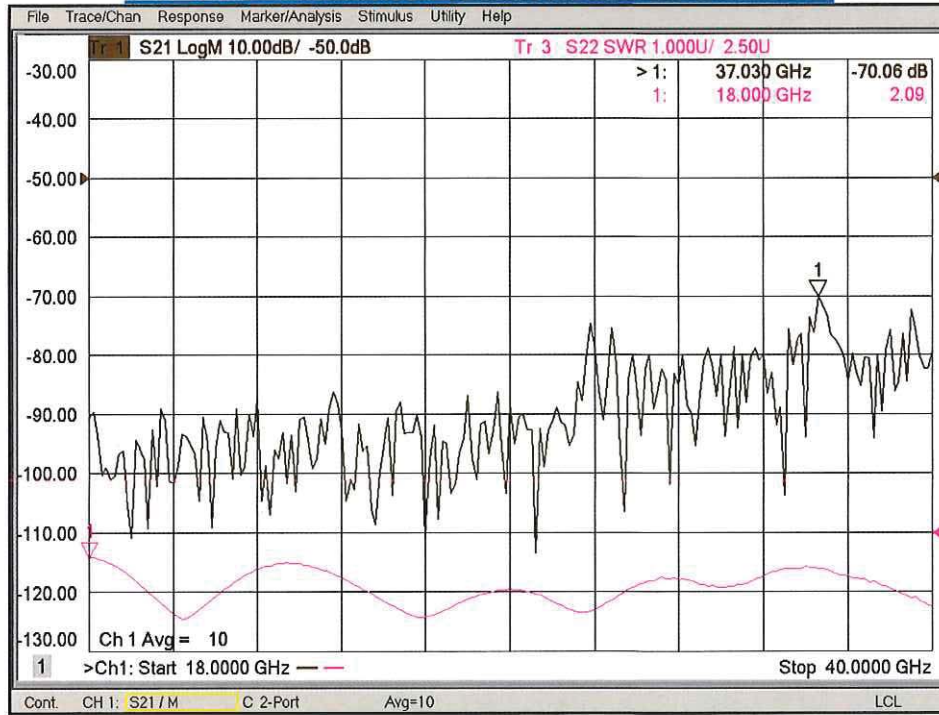
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## J17-J12 Insertion Loss and Return Loss



## J17-J12 Termination Isolation and Return Loss

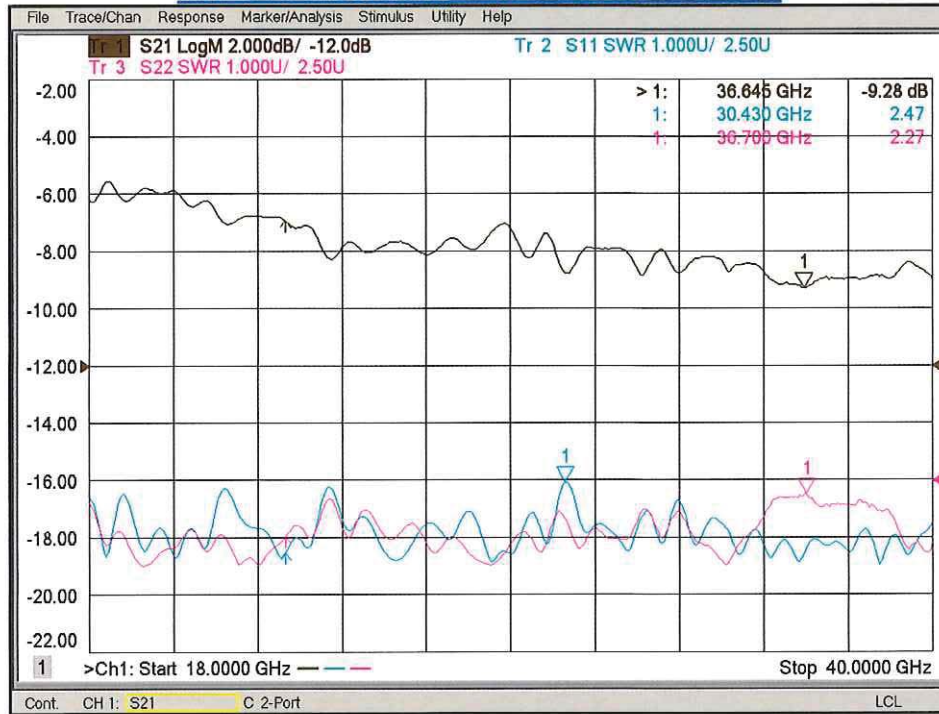




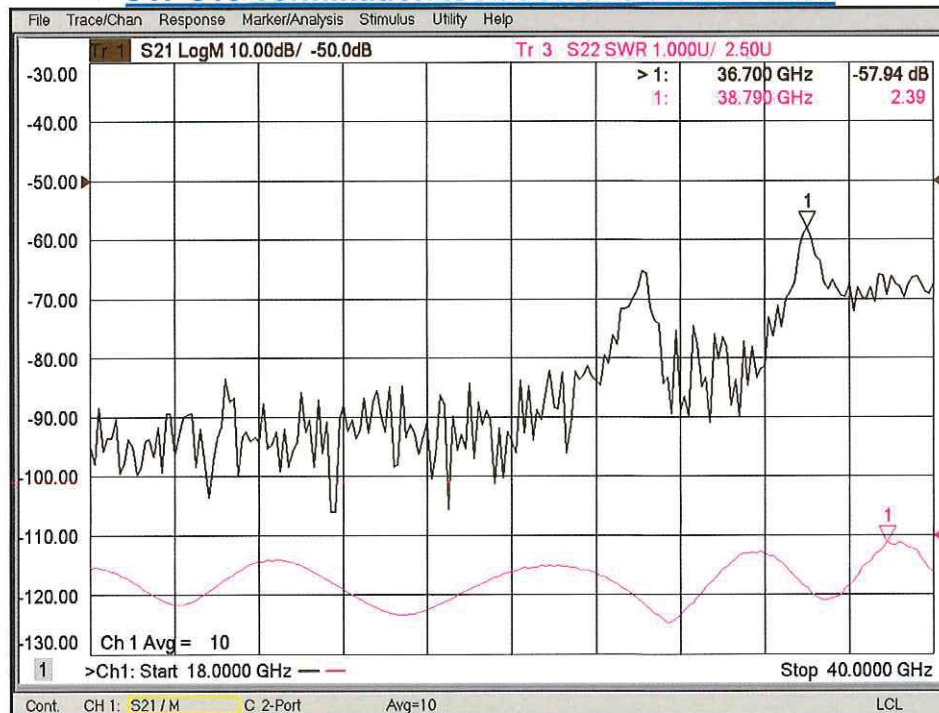
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## J17-J13 Insertion Loss and Return Loss



## J17-J13 Termination Isolation and Return Loss

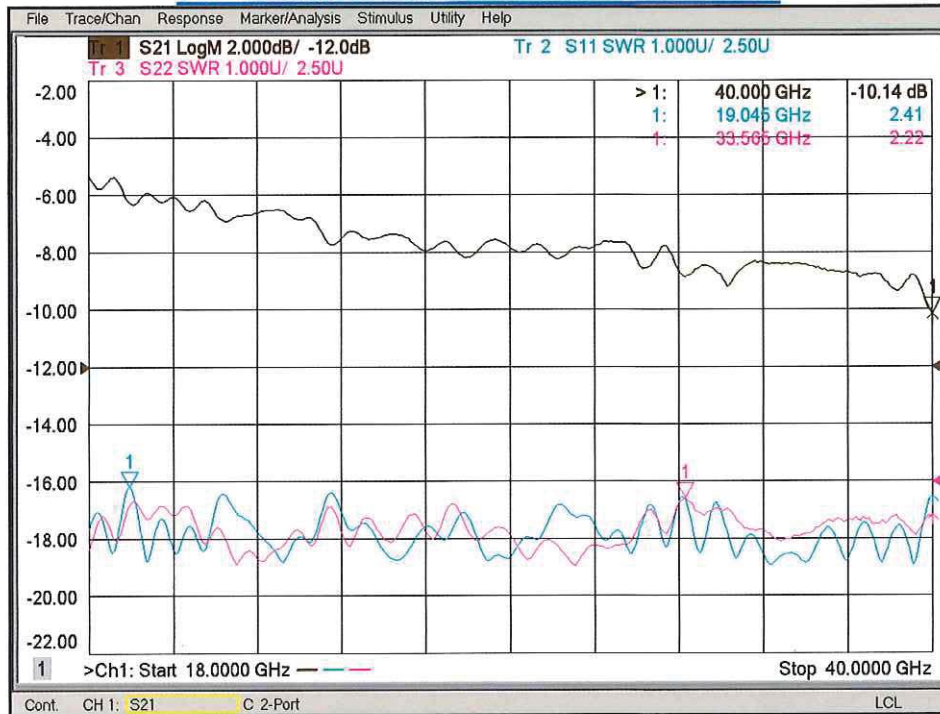




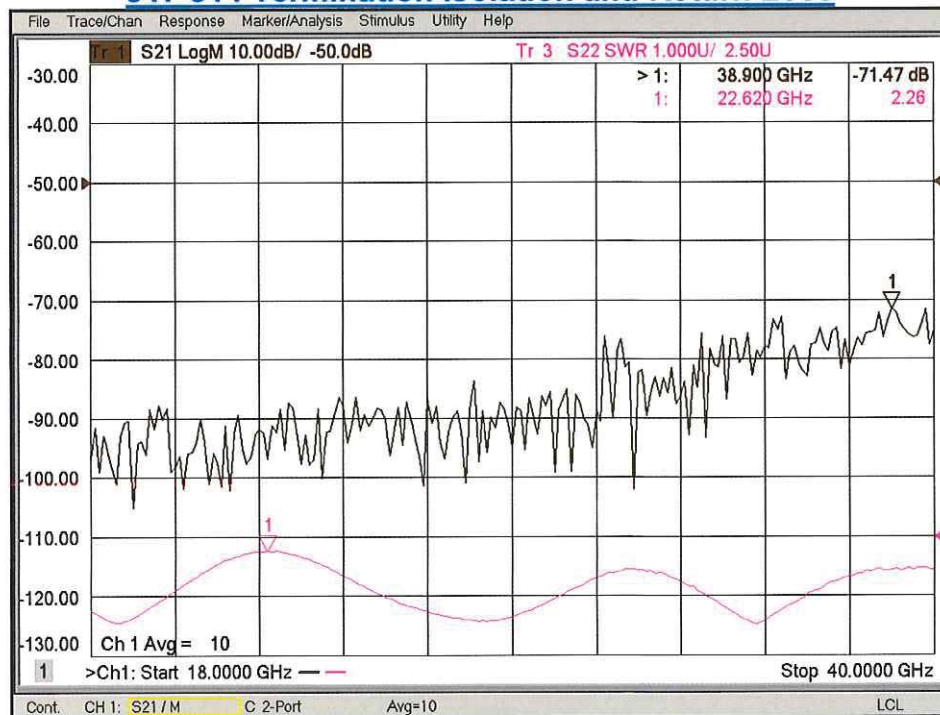
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## J17-J14 Insertion Loss and Return Loss



## J17-J14 Termination Isolation and Return Loss

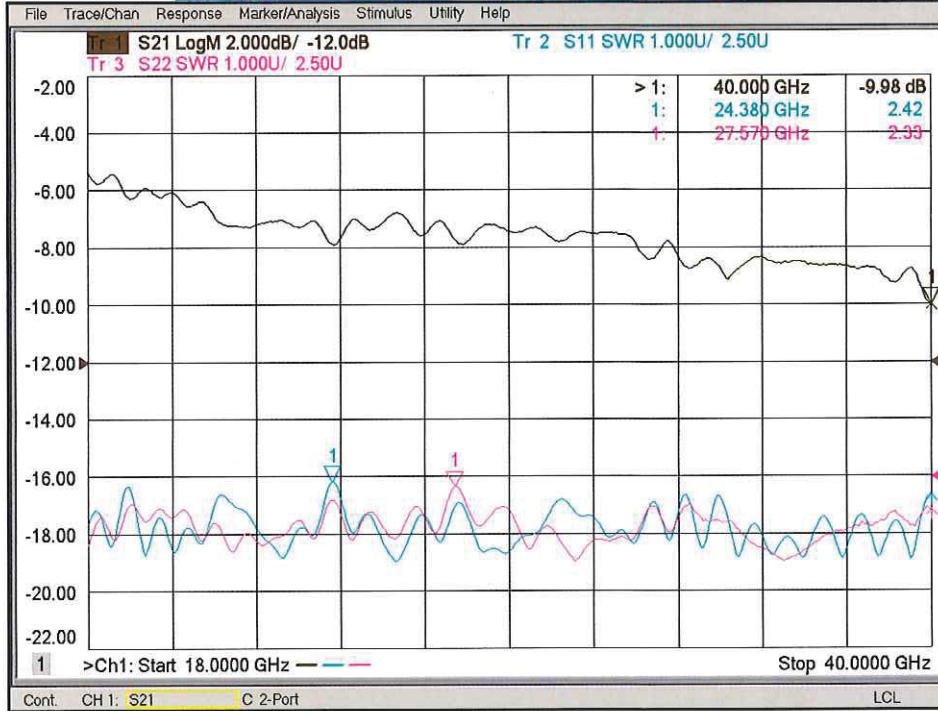




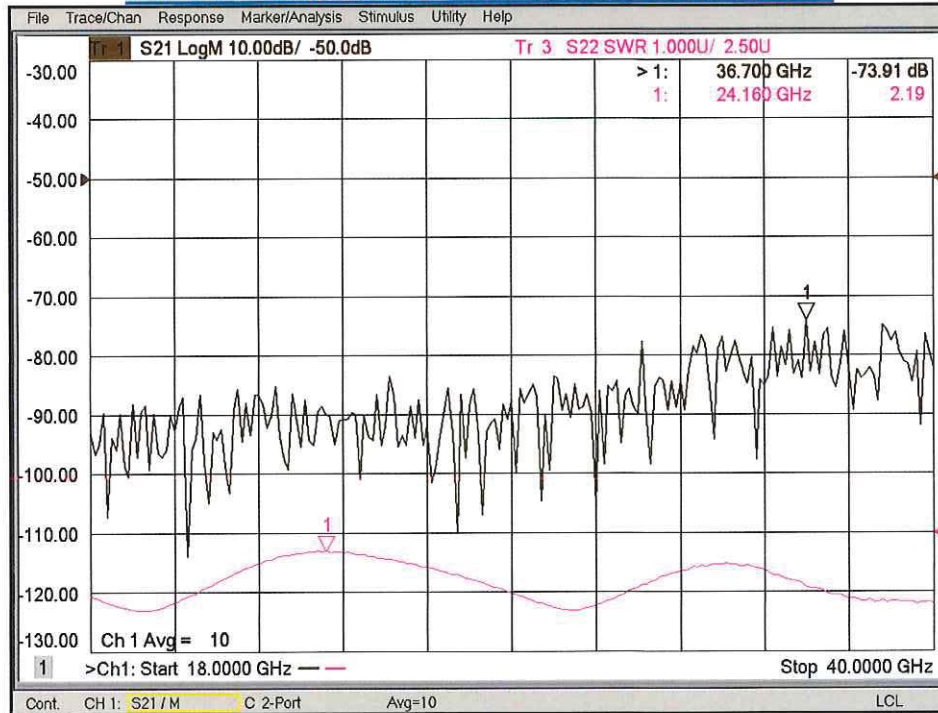
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**J17-J15 Insertion Loss and Return Loss**



**J17-J15 Termination Isolation and Return Loss**



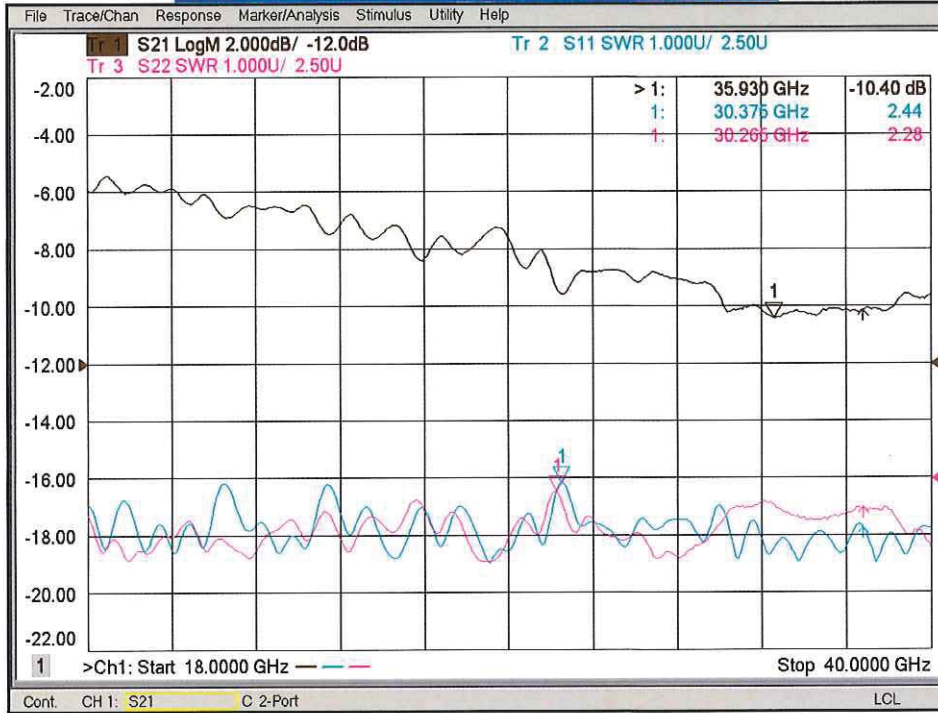




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## J17-J16 Insertion Loss and Return Loss



## J17-J16 Termination Isolation and Return Loss

