



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

PL21882/1748

Customer: _____ Tested By: JERRY N.
SO No: _____ Temperature: +25°C
Model No: P16T-18G40G-90-T-512-SFF-DEC Date: 12/06/17
Serial No: PL21882/1748 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	11.50 dB See Plot	
3	Isolation	50dB Min	57.64 dB See Plot	
4	VSWR (Input/Output):	2.5:1 Typ	2.50 :1 See Plot	
5	VSWR (Output/Off):	2.5:1 Typ	2.50 :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 @ 196 mA	PMI QA 2

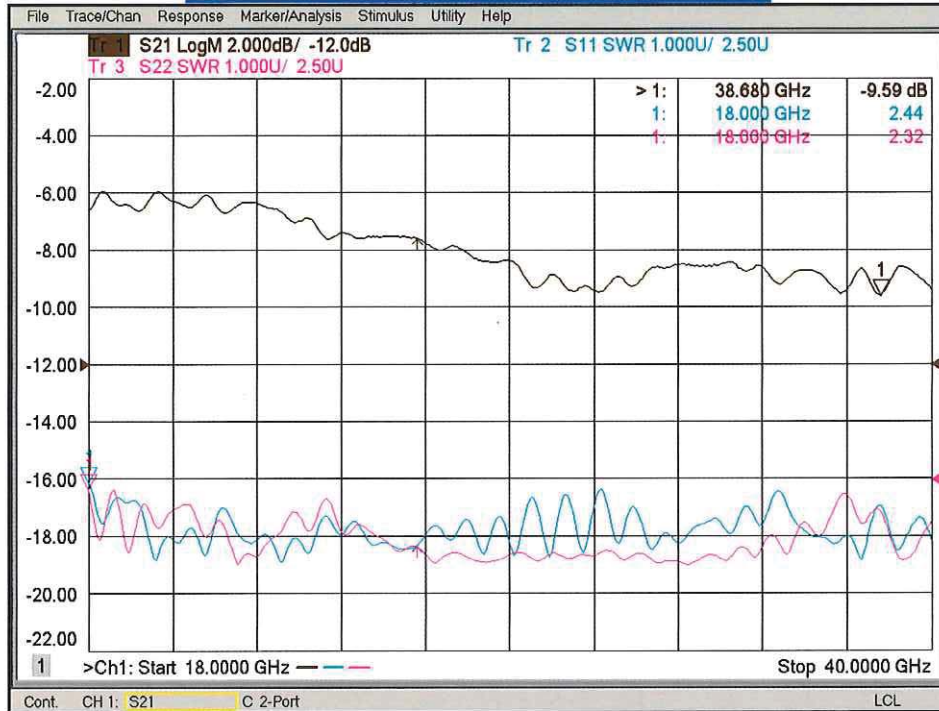
QA/QC Approval: PMI QA 2 Date: 12/6/17



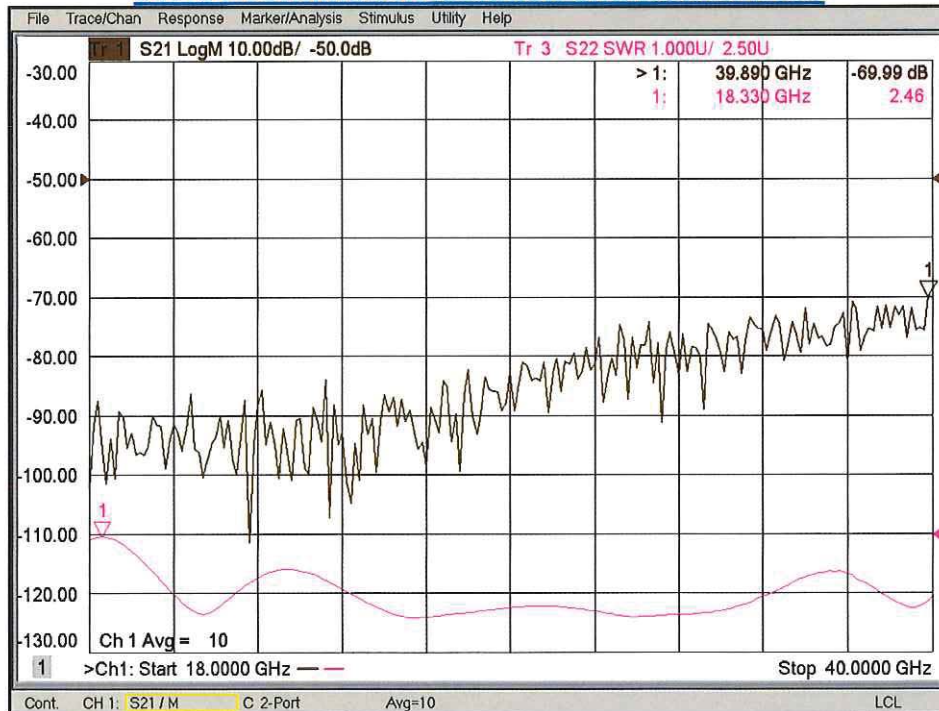
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PL21882/1748

J17-J1 Insertion Loss and Return Loss



J17-J1 Termination Isolation and Return Loss

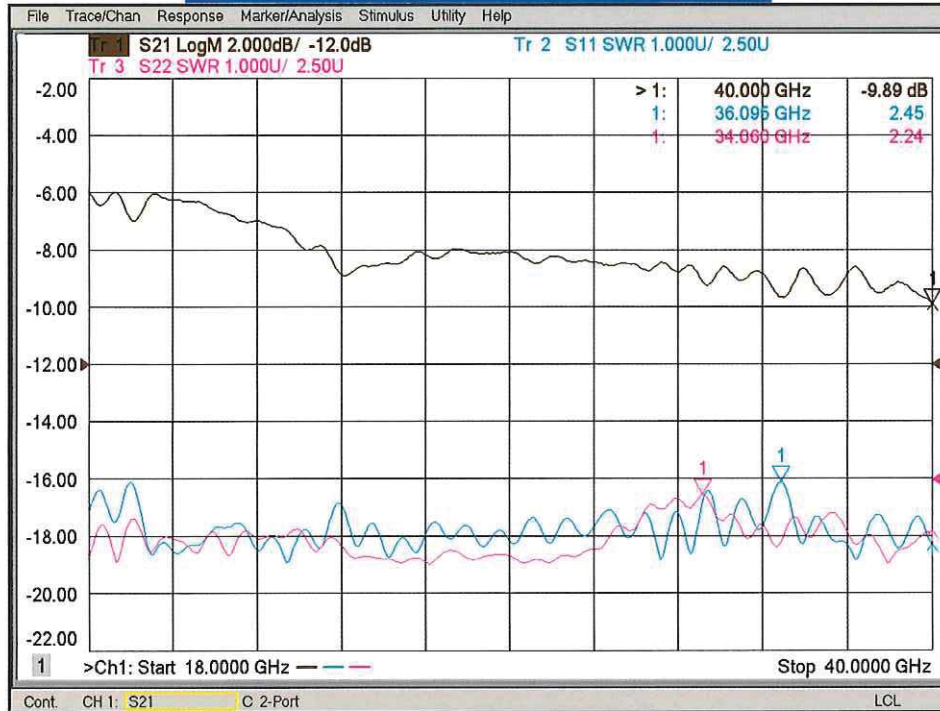




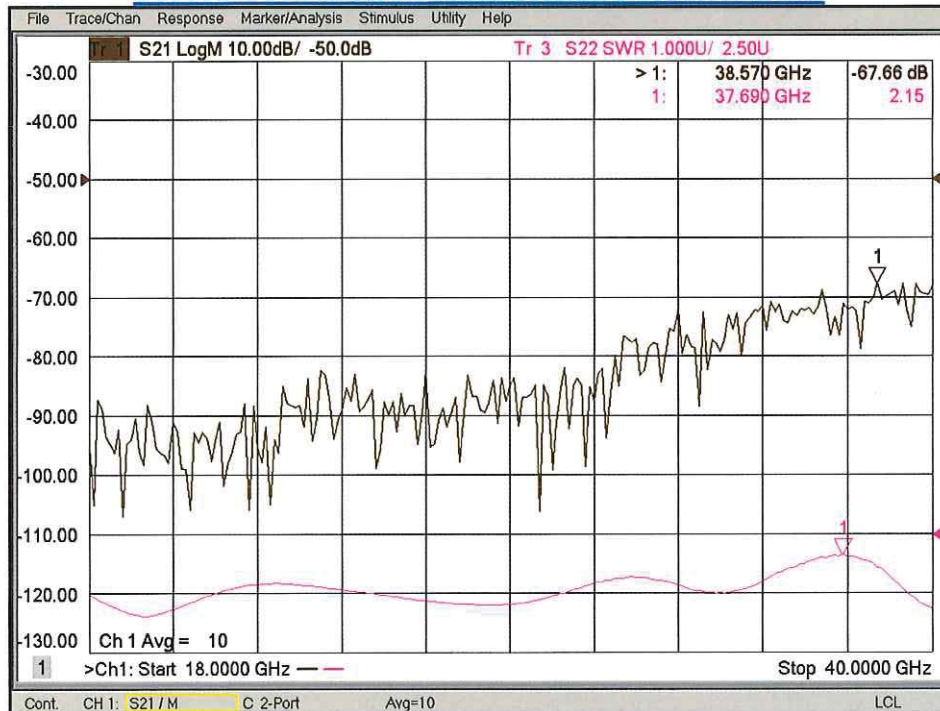
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J17-J2 Insertion Loss and Return Loss



J17-J2 Termination Isolation and Return Loss

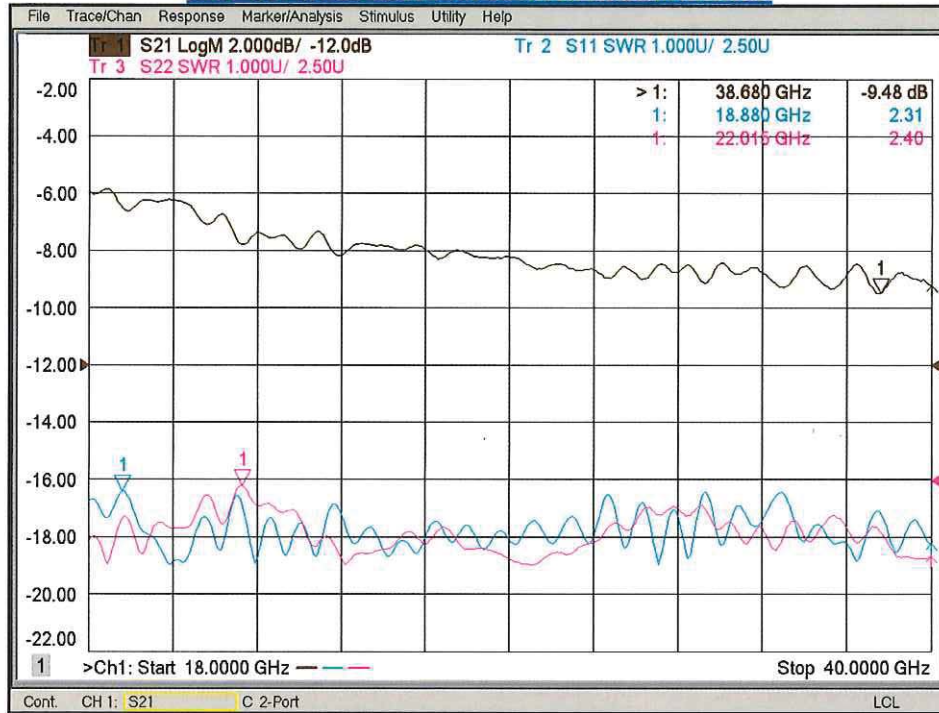




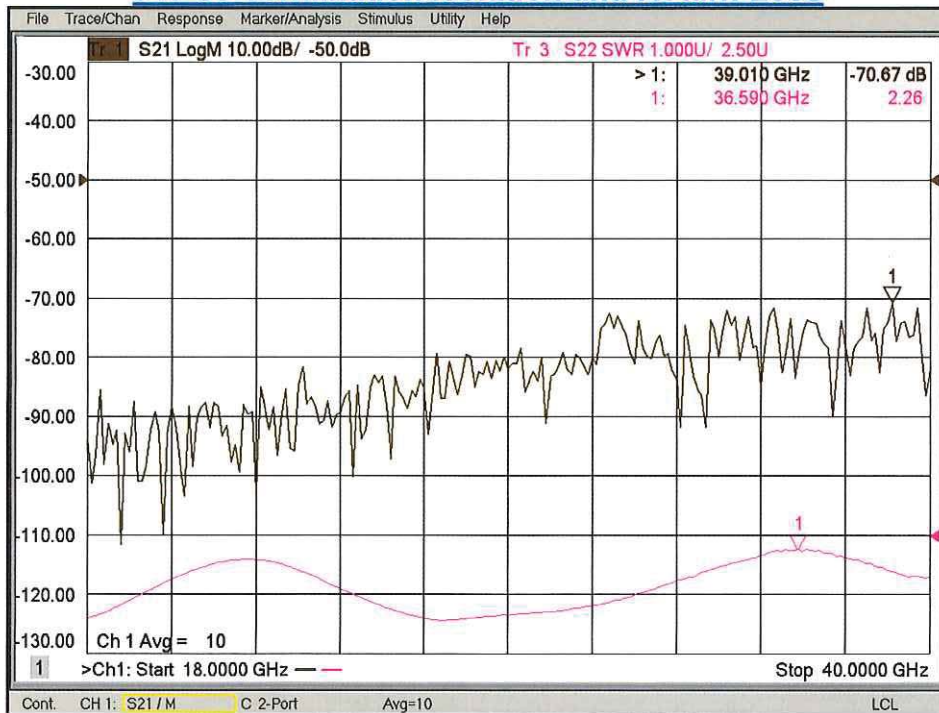
**SUMMARY TEST DATA
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PL21882/1748

J17-J3 Insertion Loss and Return Loss



J17-J3 Termination Isolation and Return Loss

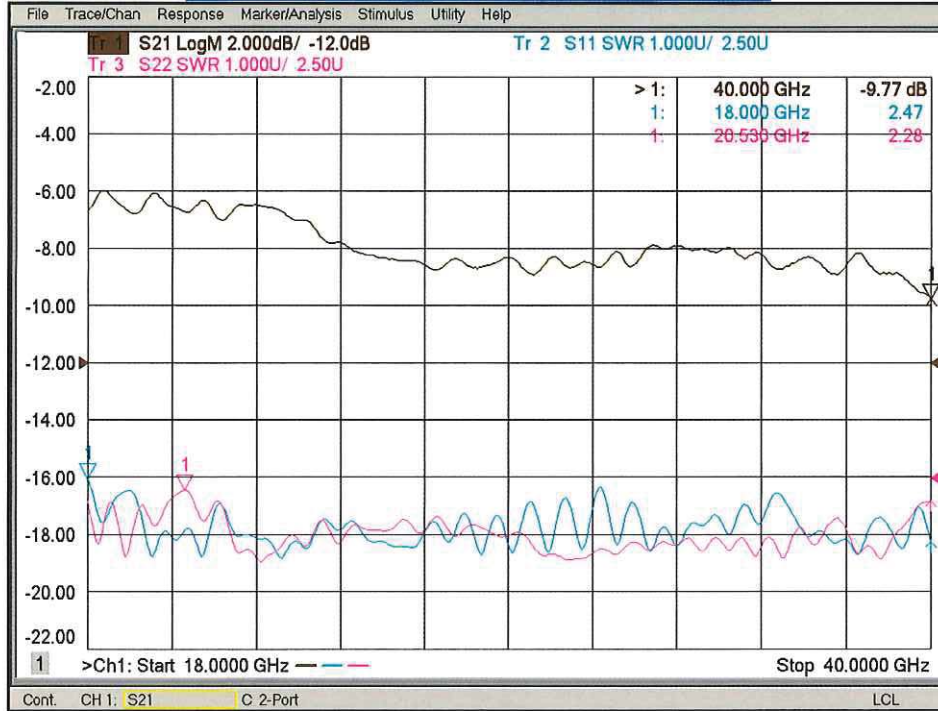




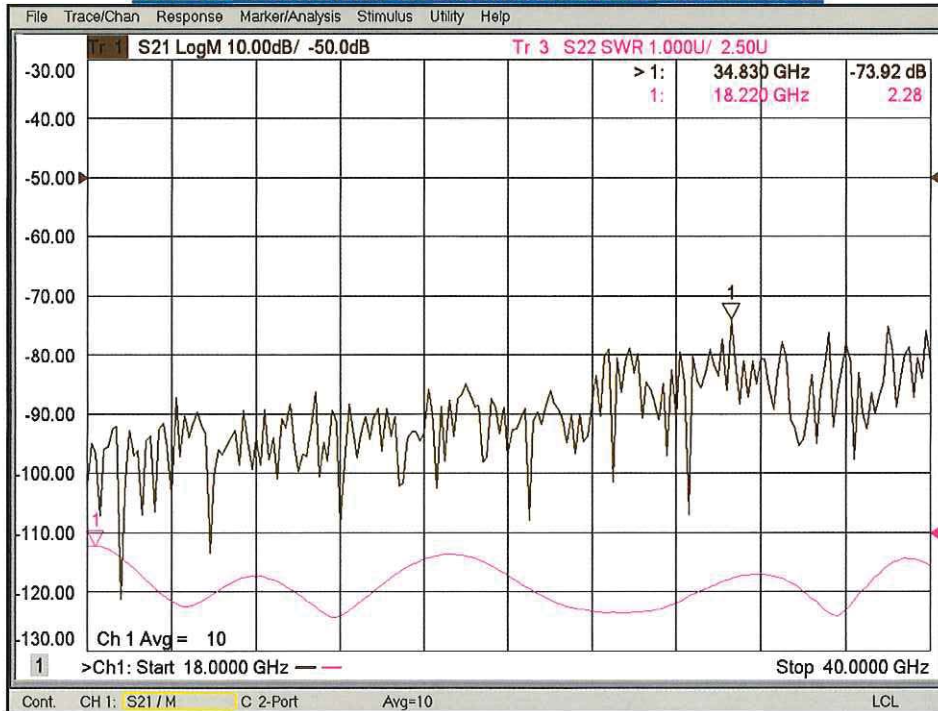
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J17-J4 Insertion Loss and Return Loss



J17-J4 Termination Isolation and Return Loss

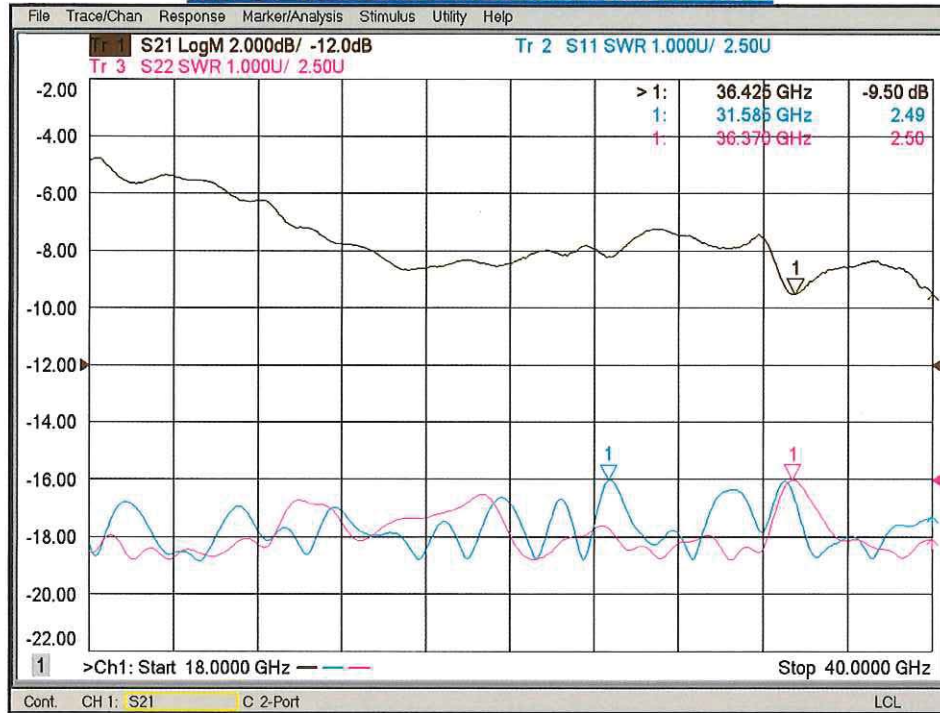




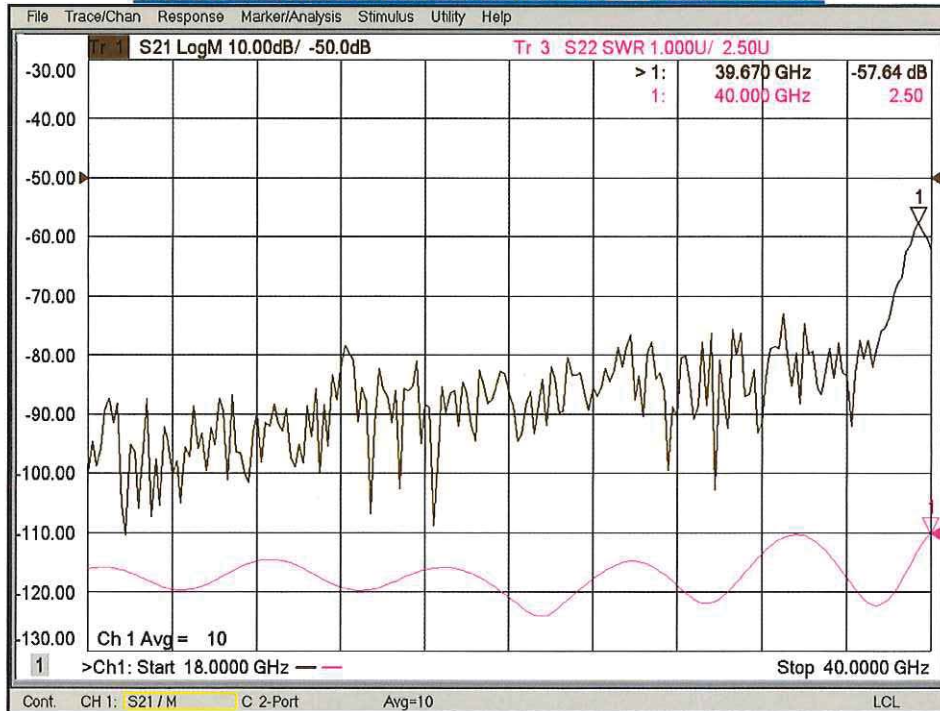
SUMMARY TEST DATA ON P16T-18G40G-90-T-512-SFF-DEC

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J17-J5 Insertion Loss and Return Loss



J17-J5 Termination Isolation and Return Loss

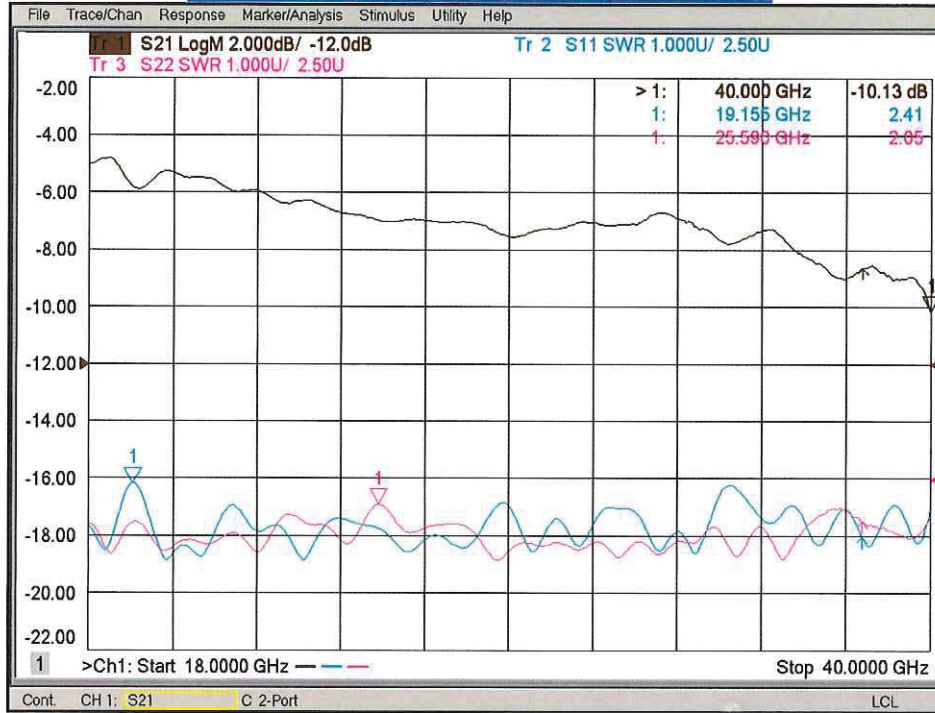




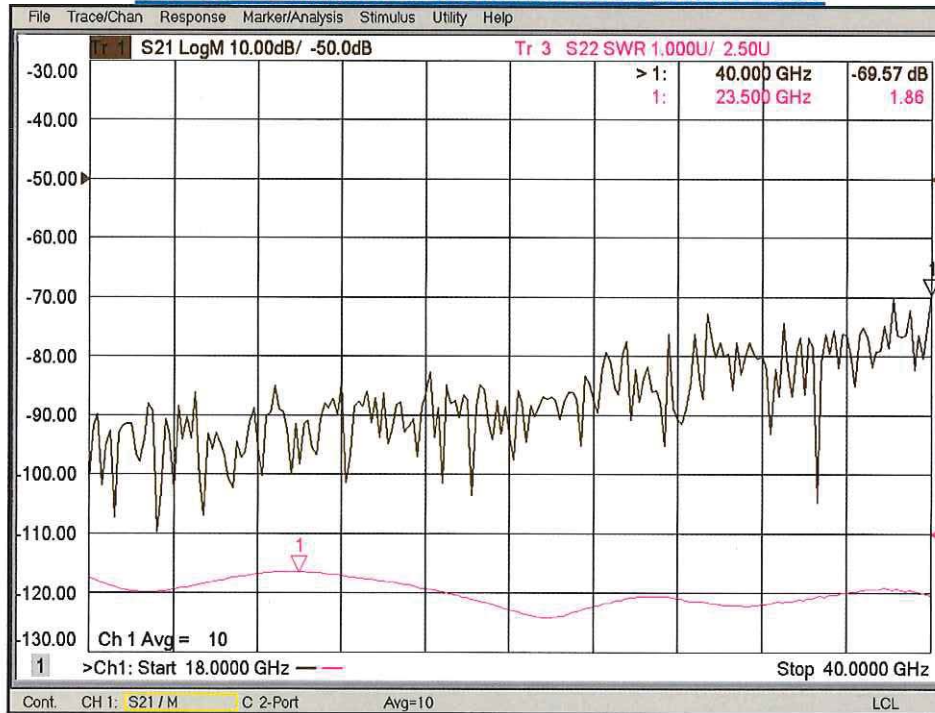
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J17-J6 Insertion Loss and Return Loss



J17-J6 Termination Isolation and Return Loss



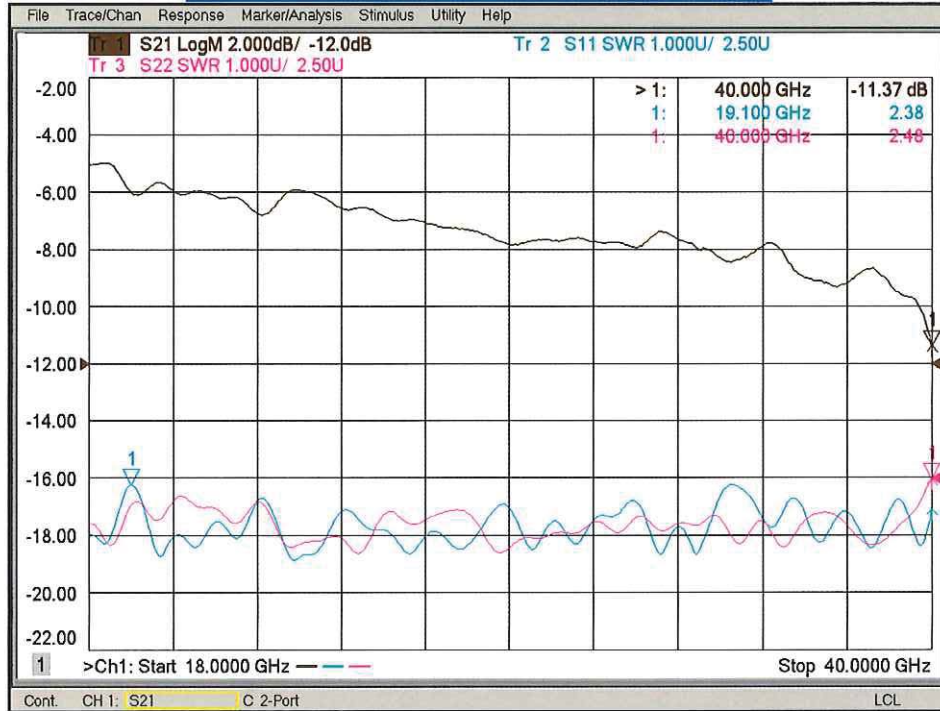
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



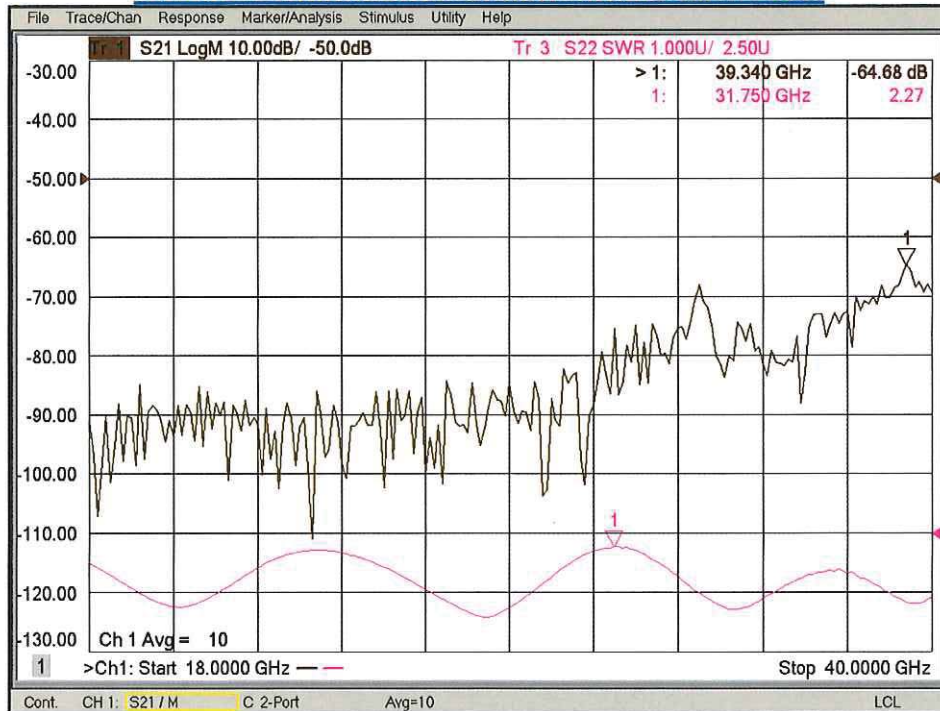
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J17-J7 Insertion Loss and Return Loss



J17-J7 Termination Isolation and Return Loss

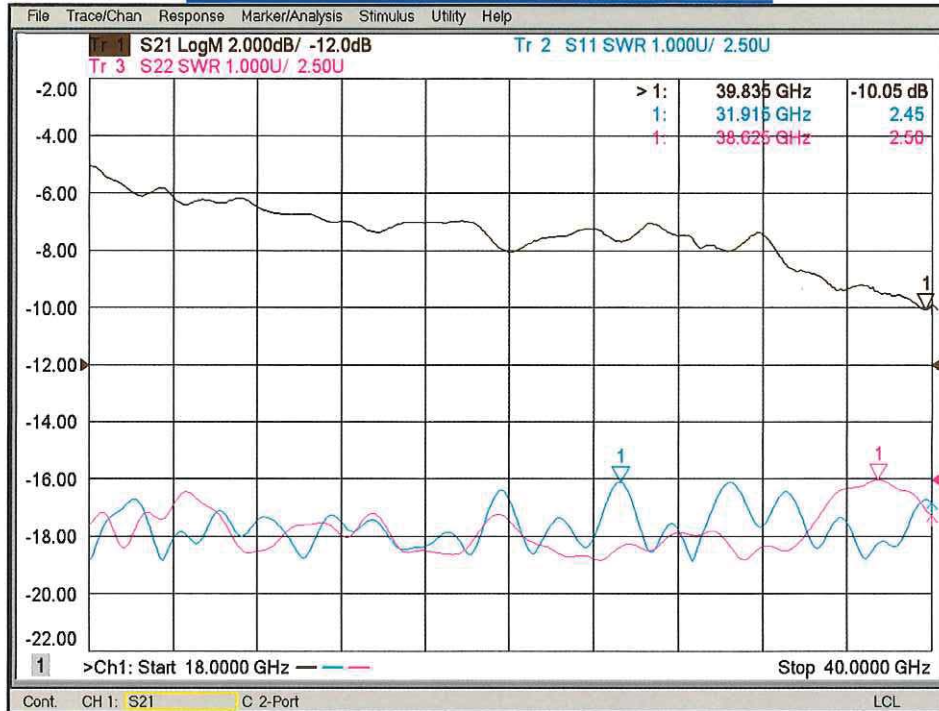




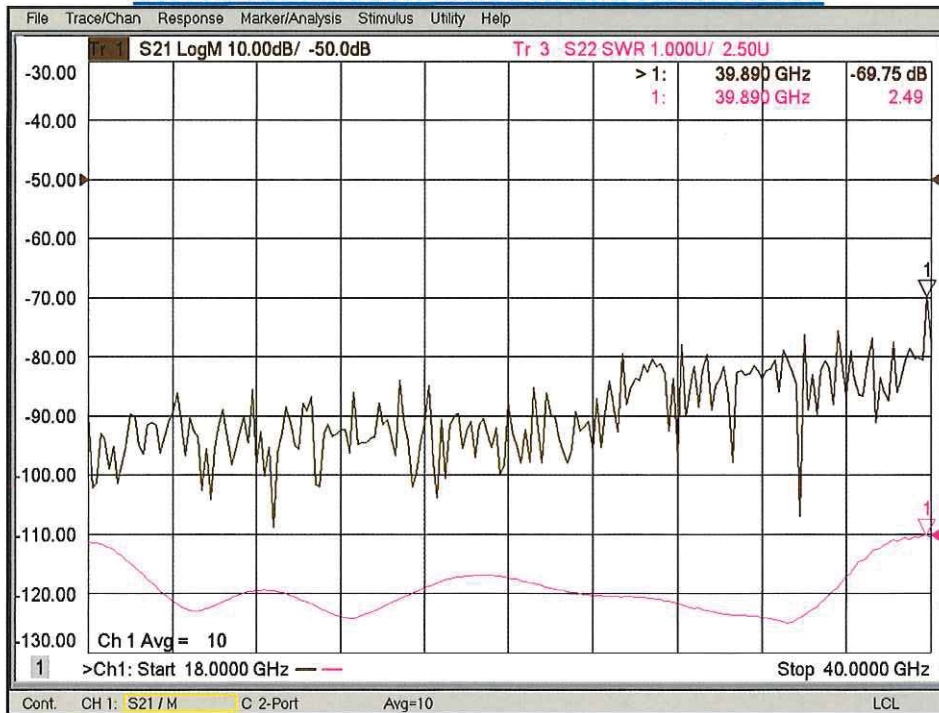
SUMMARY TEST DATA ON P16T-18G40G-90-T-512-SFF-DEC

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J17-J8 Insertion Loss and Return Loss



J17-J8 Termination Isolation and Return Loss

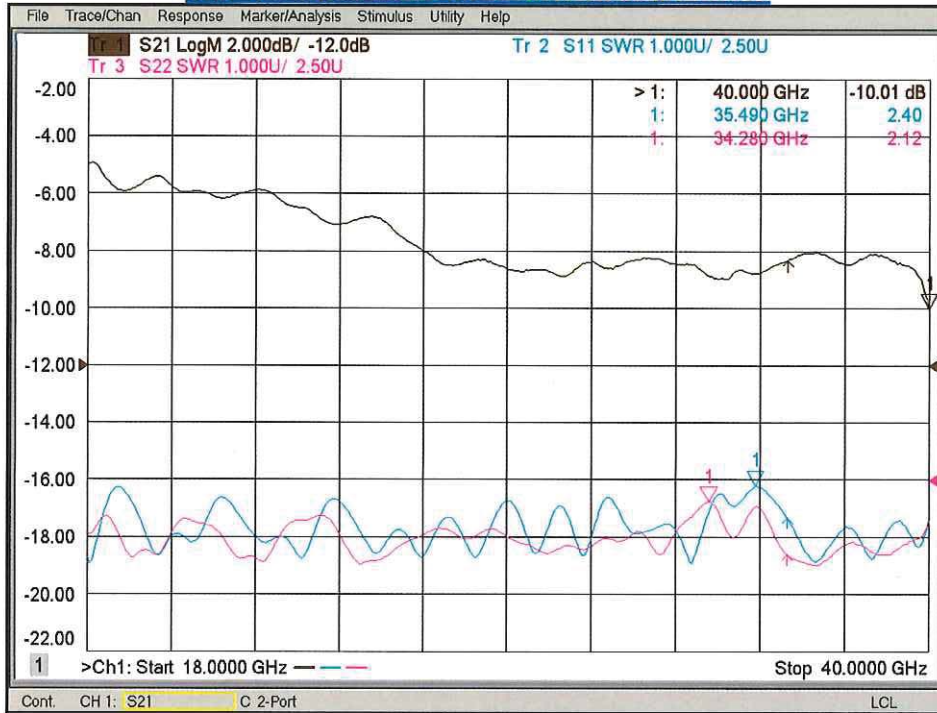




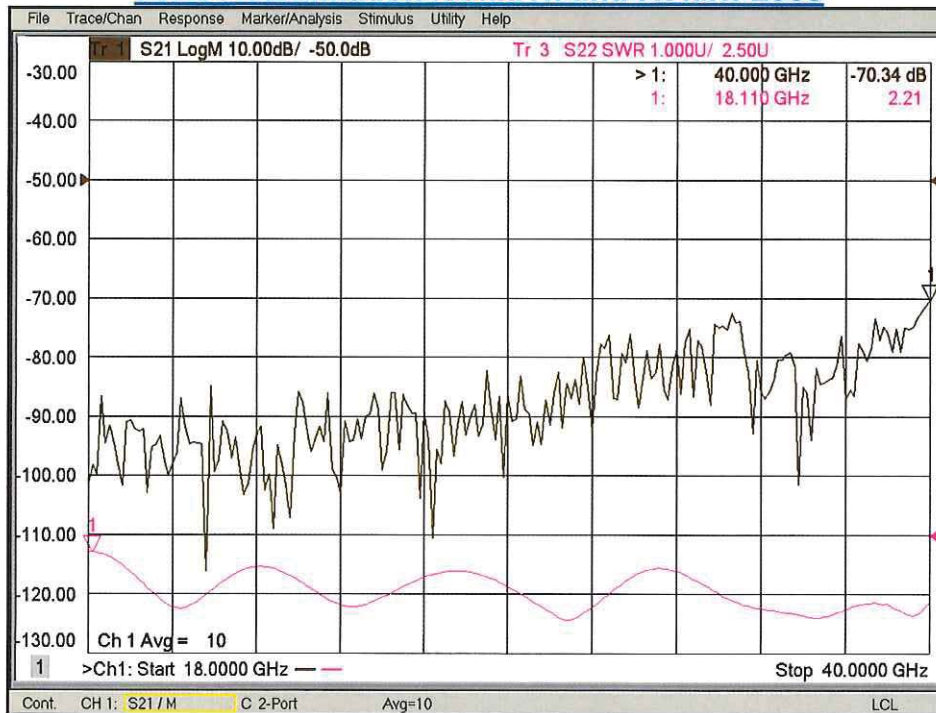
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J17-J9 Insertion Loss and Return Loss



J17-J9 Termination Isolation and Return Loss

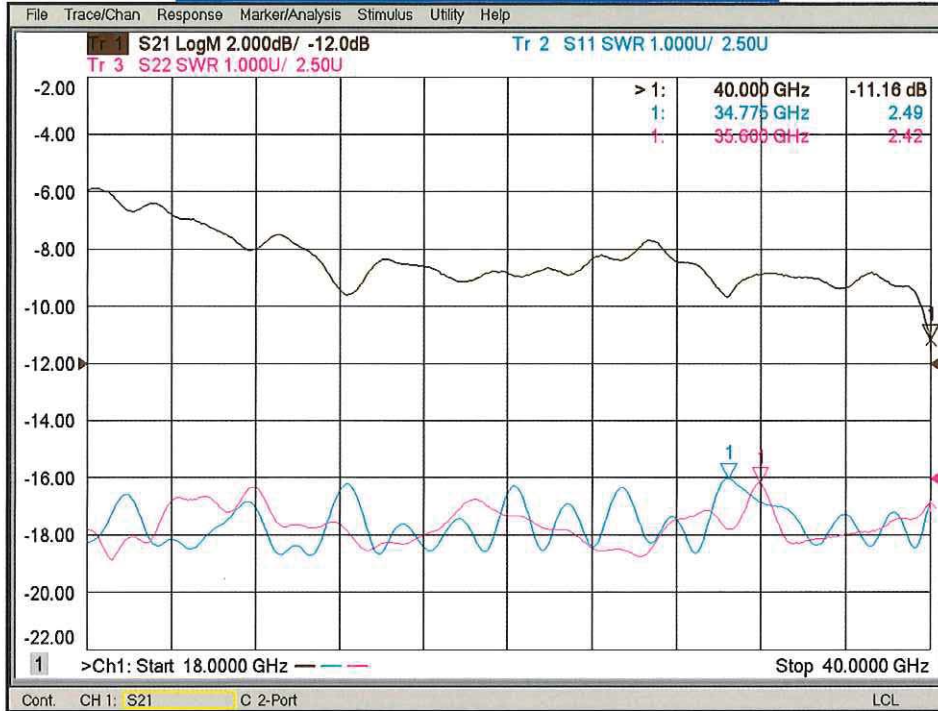




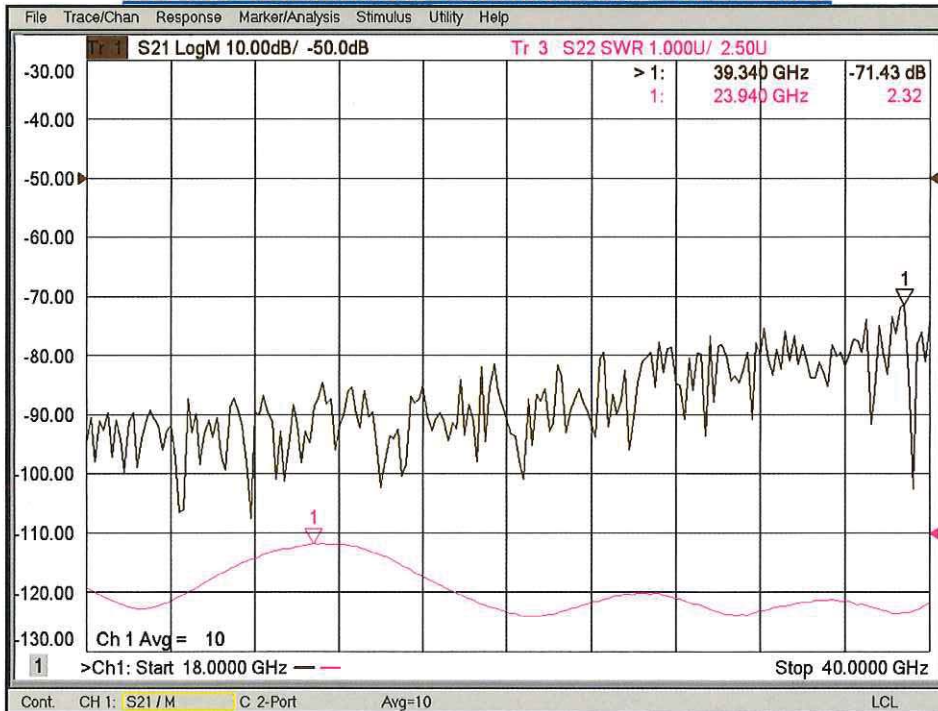
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J17-J10 Insertion Loss and Return Loss



J17-J10 Termination Isolation and Return Loss

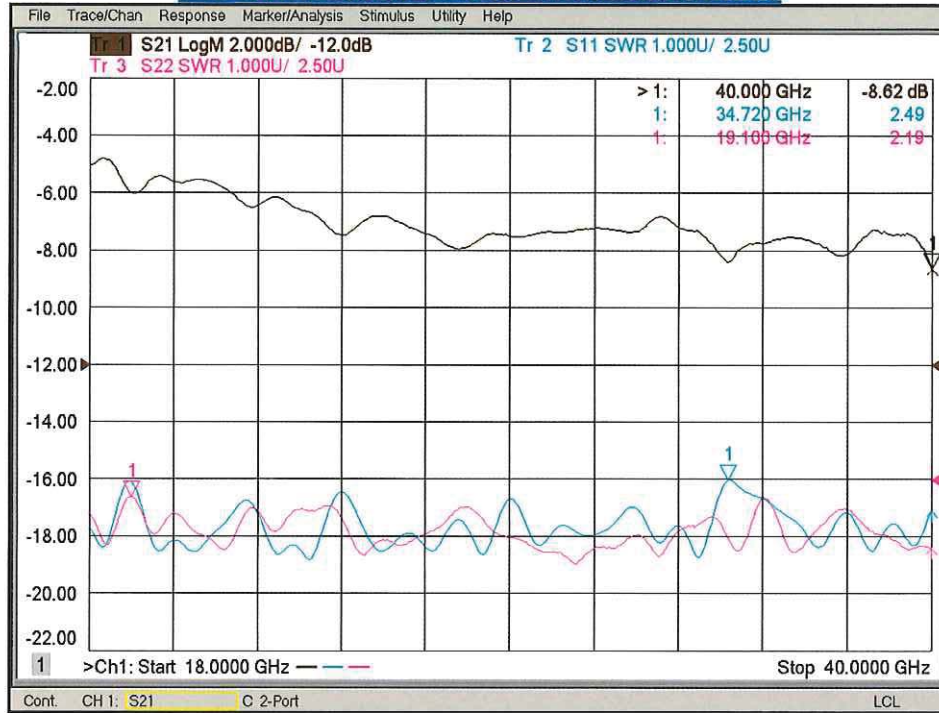




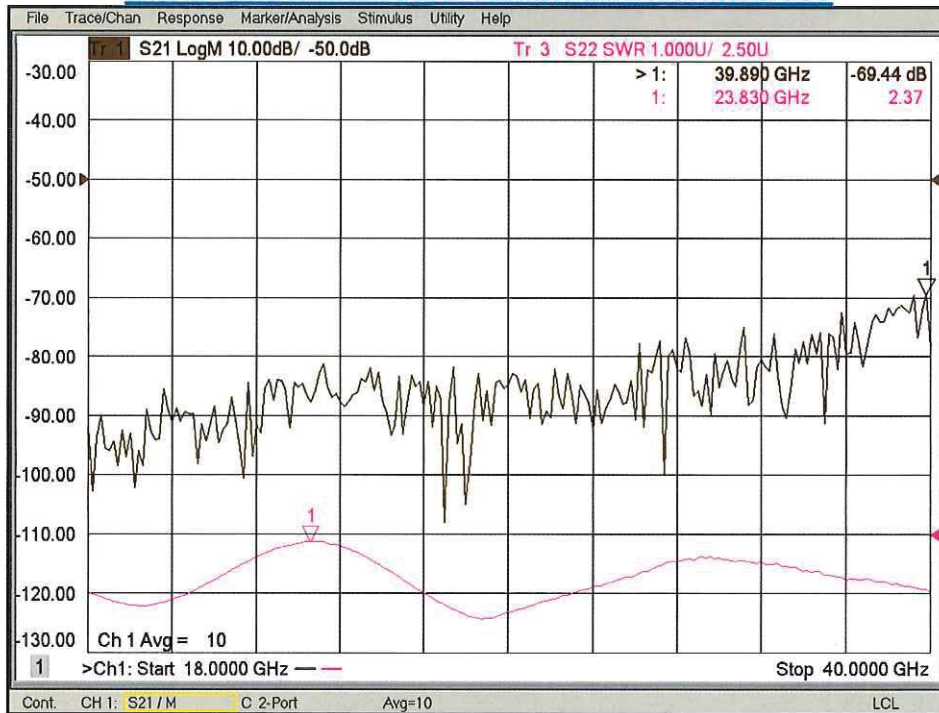
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J17-J11 Insertion Loss and Return Loss



J17-J11 Termination Isolation and Return Loss

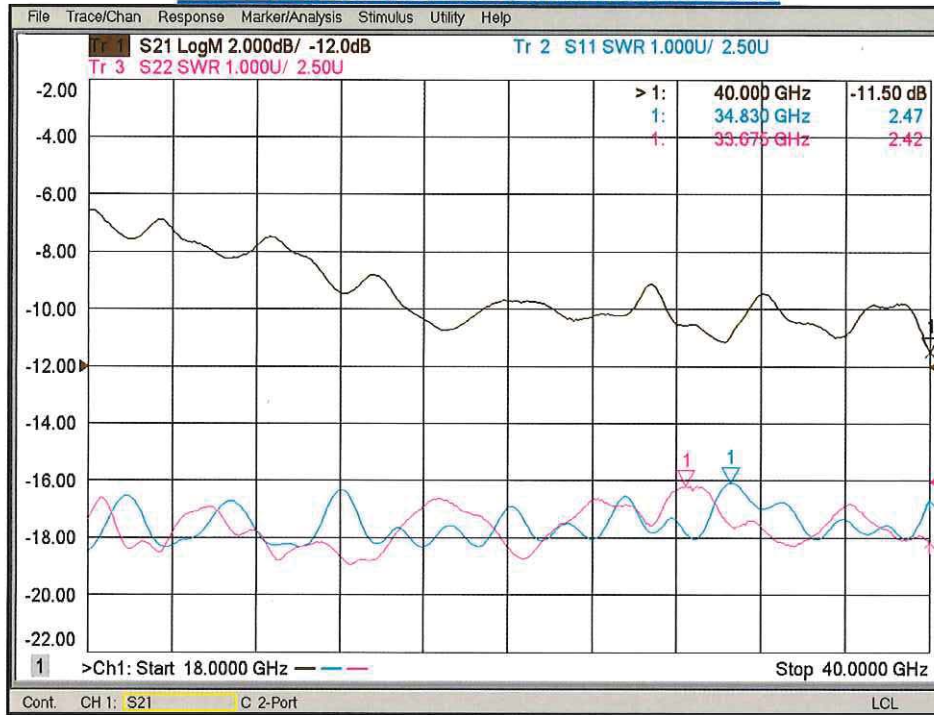




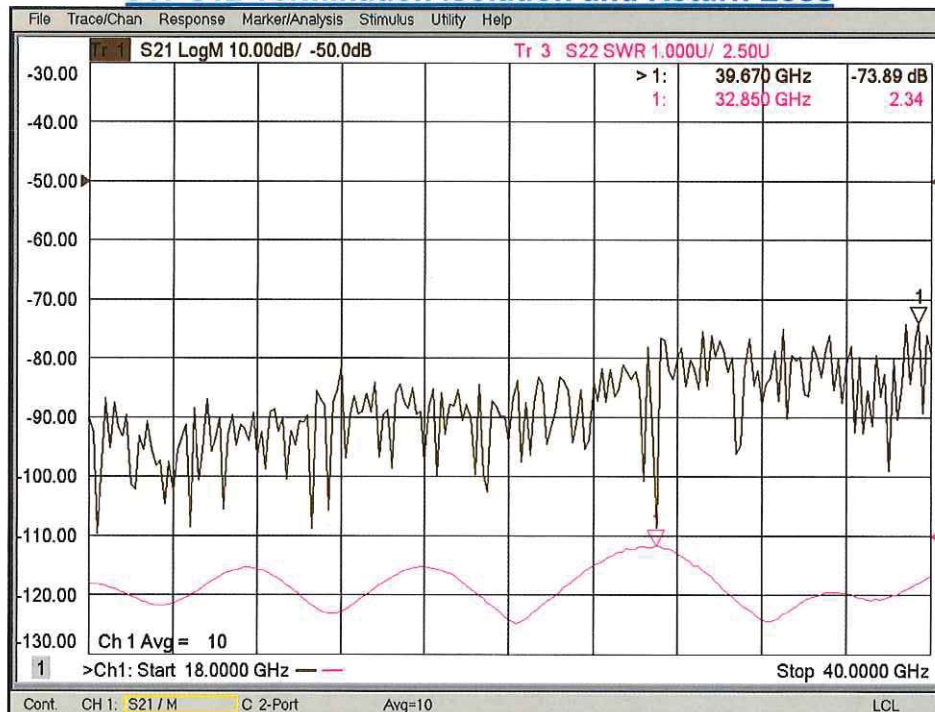
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J17-J12 Insertion Loss and Return Loss



J17-J12 Termination Isolation and Return Loss



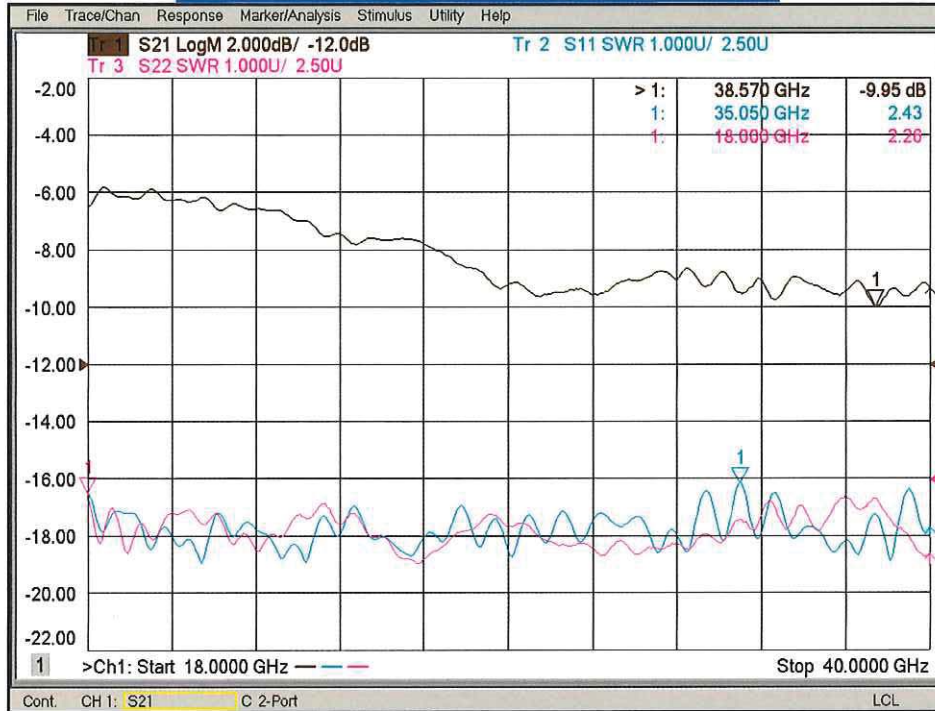
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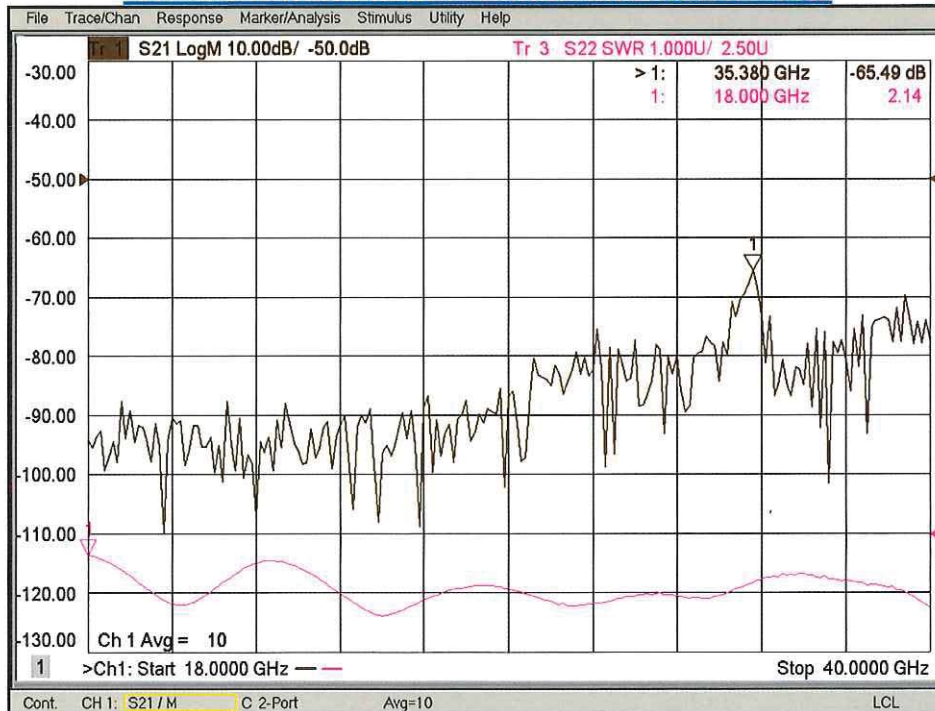
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J17-J13 Insertion Loss and Return Loss



J17-J13 Termination Isolation and Return Loss

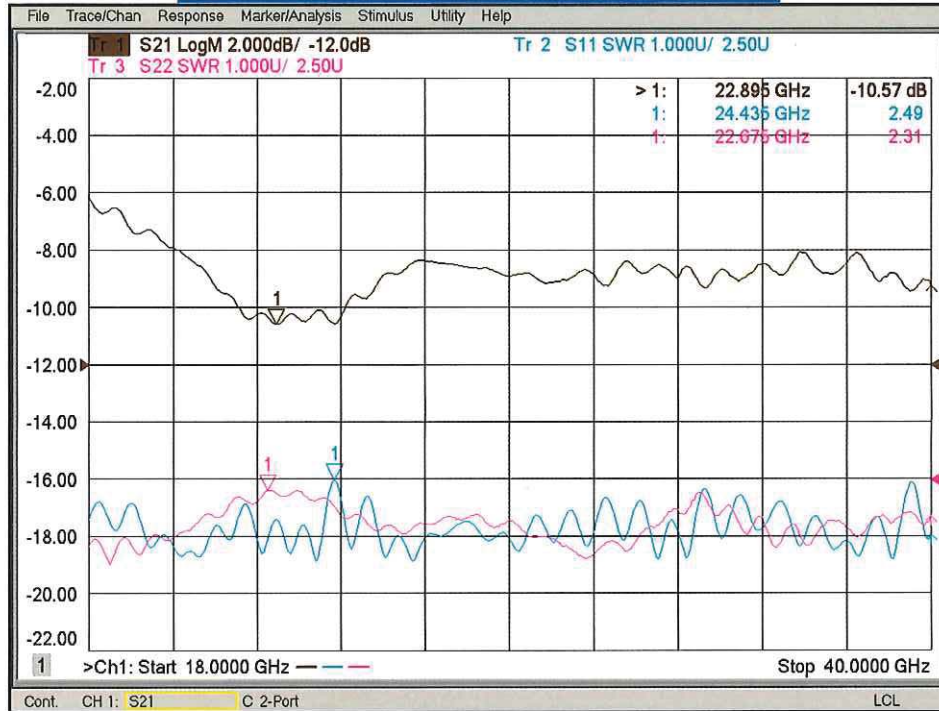




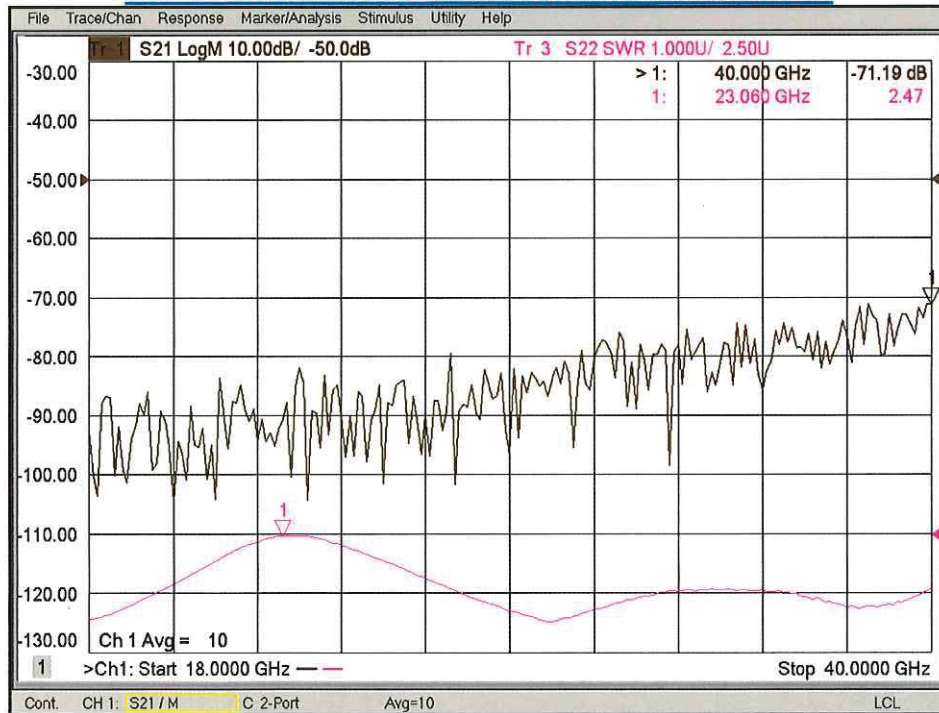
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J17-J14 Insertion Loss and Return Loss



J17-J14 Termination Isolation and Return Loss

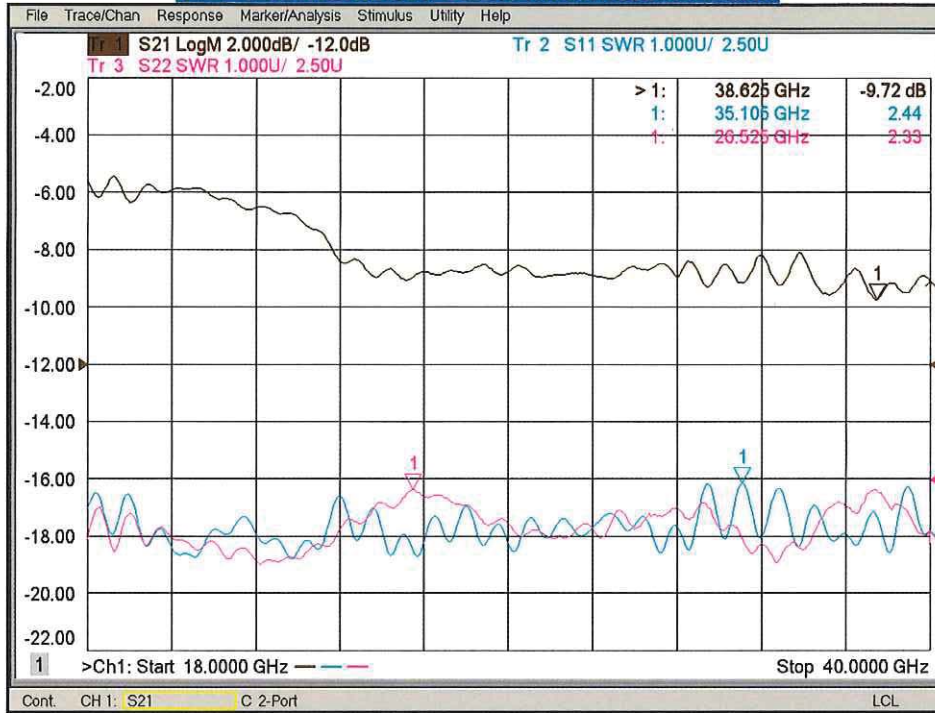




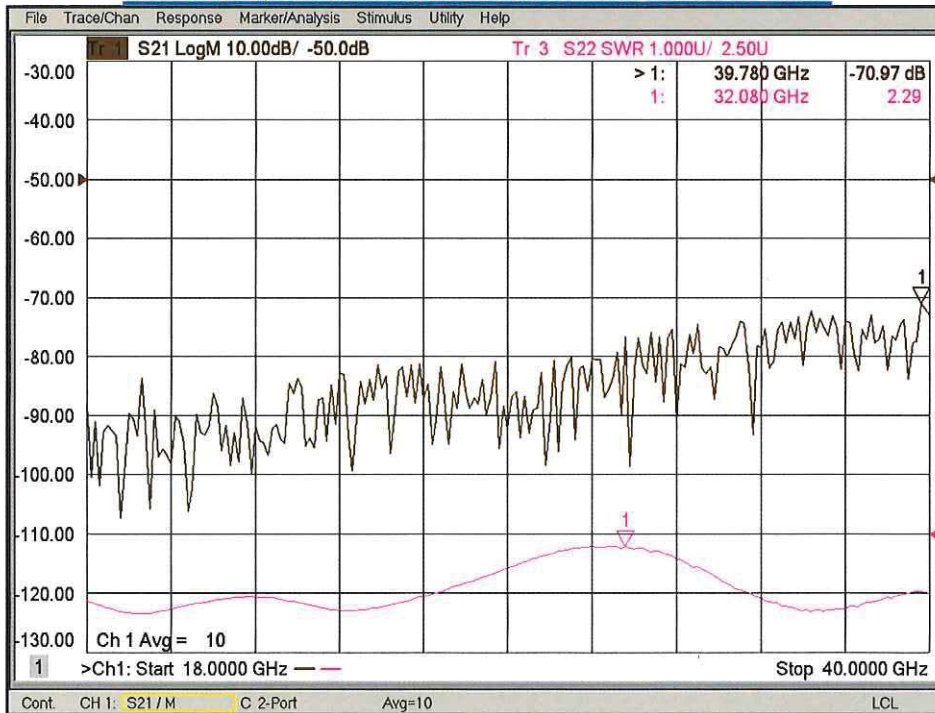
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J17-J15 Insertion Loss and Return Loss



J17-J15 Termination Isolation and Return Loss

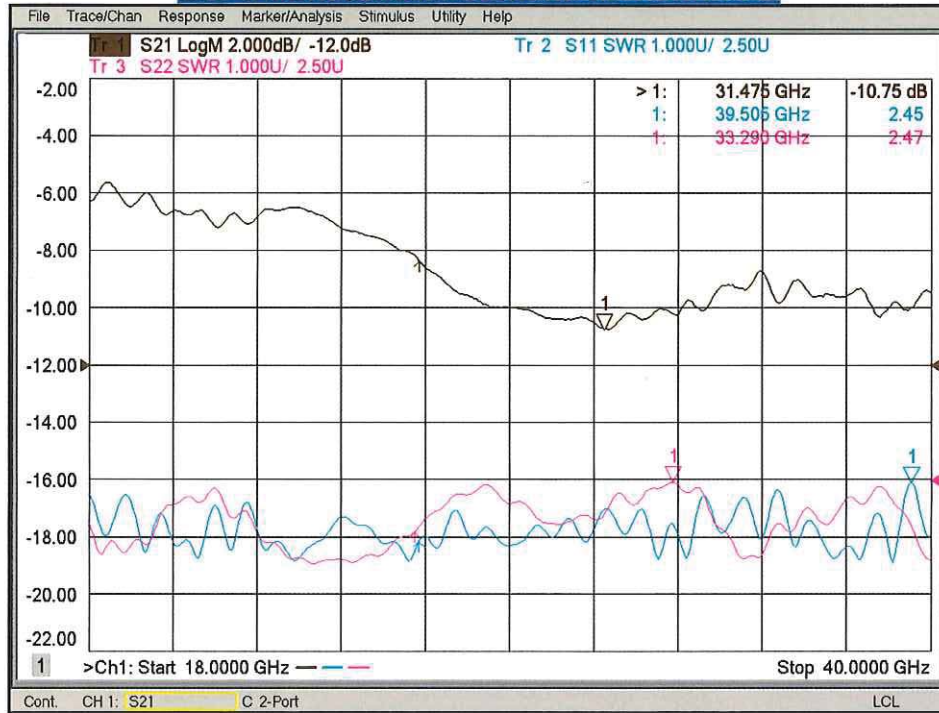




SUMMARY TEST DATA ON P16T-18G40G-90-T-512-SFF-DEC

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J17-J16 Insertion Loss and Return Loss



J17-J16 Termination Isolation and Return Loss

