



**SUMMARY TEST DATA
ON
PS-360-DC-3 OPTION 618-15D**

S/N: PL19516/1625

Customer: _____ Tested By: K. Mansfield
 SO No: _____ Temperature: +25°C
 Model No: PS-360-DC-3 OPTION 618-15D Date: 6/13/16
 Serial No: PL19516/1625 Drawing No: 27620939 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	6 – 18GHz	6 – 18GHz	
2	Insertion Loss:	12dB Max, 10dB Typ	10.6dB (See Plot)	
3	VSWR:	2.0:1 Max	1.7:1 (See Plot)	
4	Accuracy:	±15° Max (Peak to Peak)	±12° (See Plot)	
5	PM/AM	±2.5dB Max	±1.3dB	
6	Translation Rate:	0 to 500KHz	500KHz Min.	
7	Carrier Suppression:	18dB	26dB	
8	Side Band Suppression:	15dB	22dB	
9	'Phase Shift – Range:	360° in 256 Steps	360°	
	Phase Shift – Control Input:	8 Bit TTL	Pass	
	Phase Shift – Switching Speed	50% TTL to within 500ns Max (10° of Final Phase Value)	< 30ns	
	Phase Shift – Harmonics	-25dBc	-28dBc	
10	Power Handling – Without Damage	+10dBm	Pass	
	Power Handling – Survival	+20dBm	Pass	
11	Power Supply:	+5VDC (±5%) @ 115mA	123mA	
		-12 to -15VDC @ 20mA	20mA	

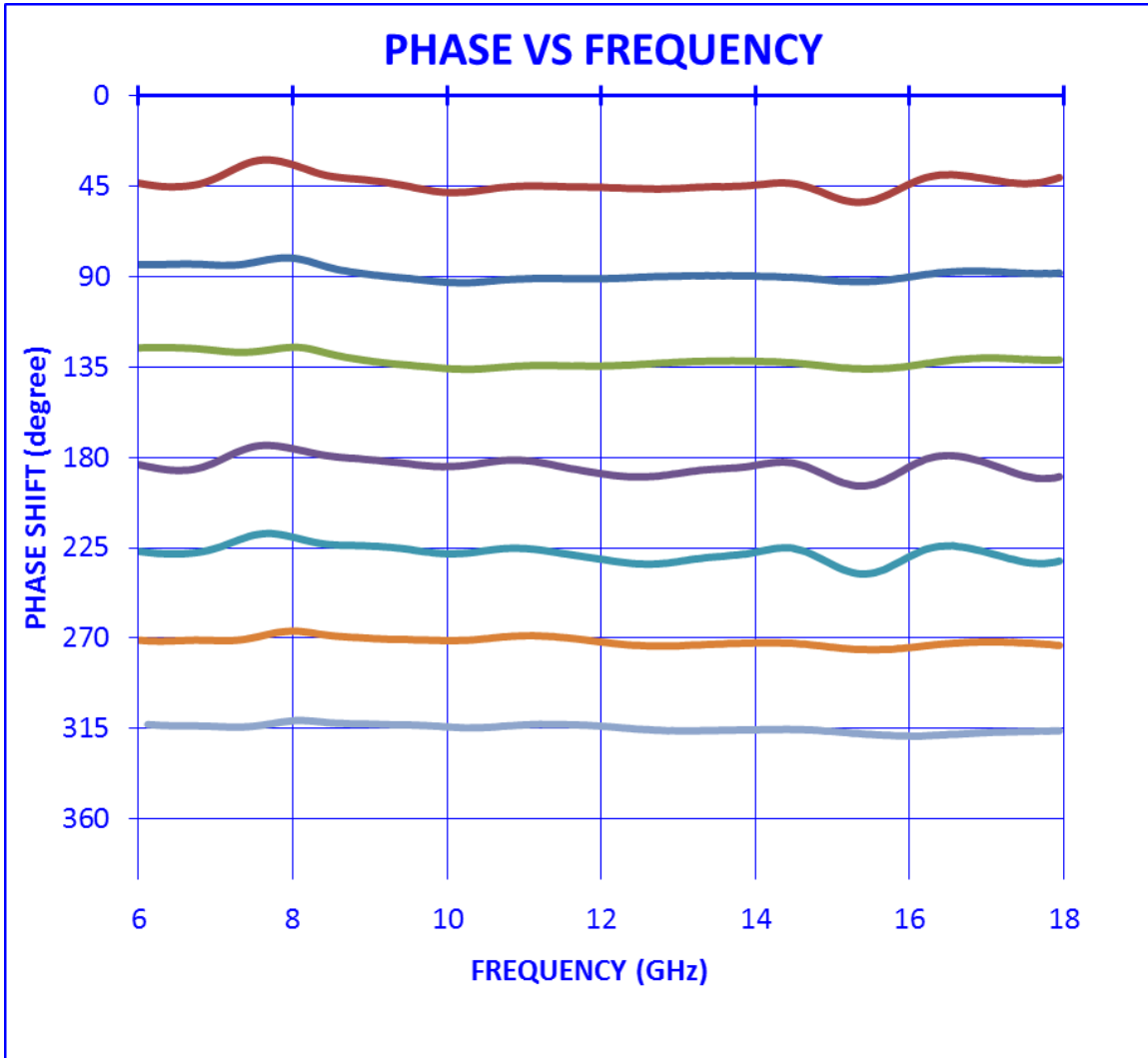
QA/QC Approval: _____ Date: _____

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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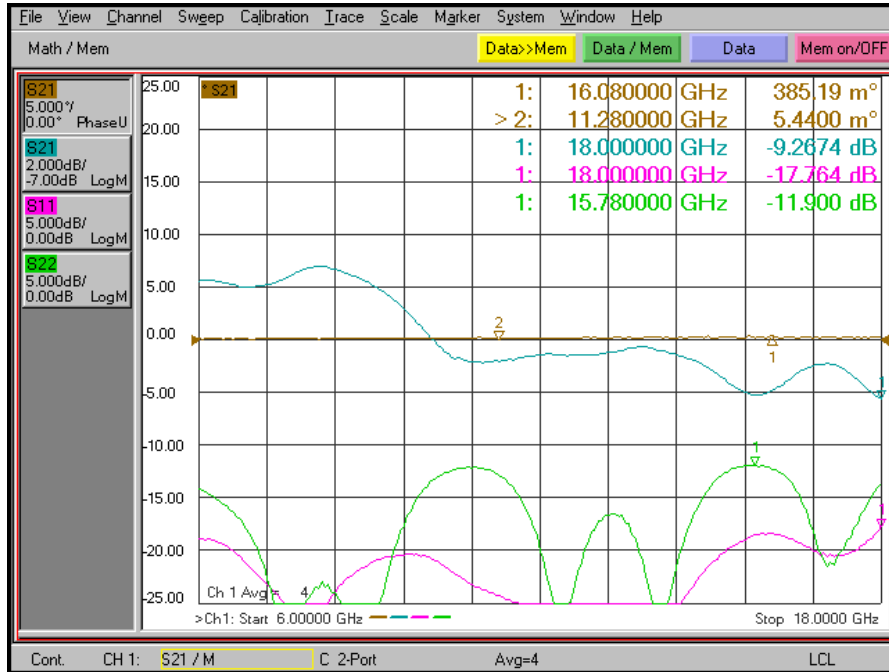




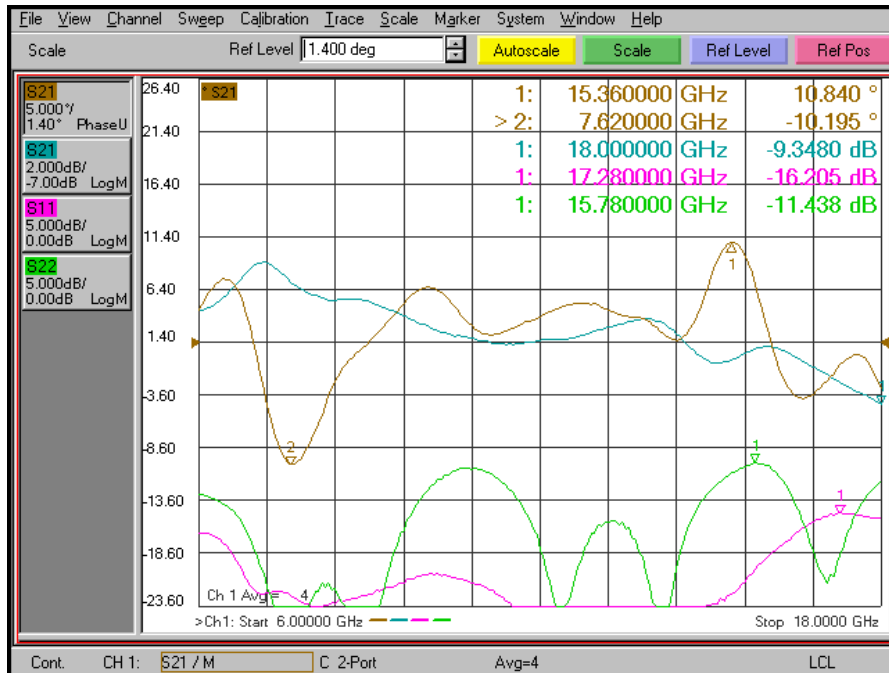
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Insertion Loss and Return Loss



Insertion Loss, Phase, and Return Loss 1.41 Degrees

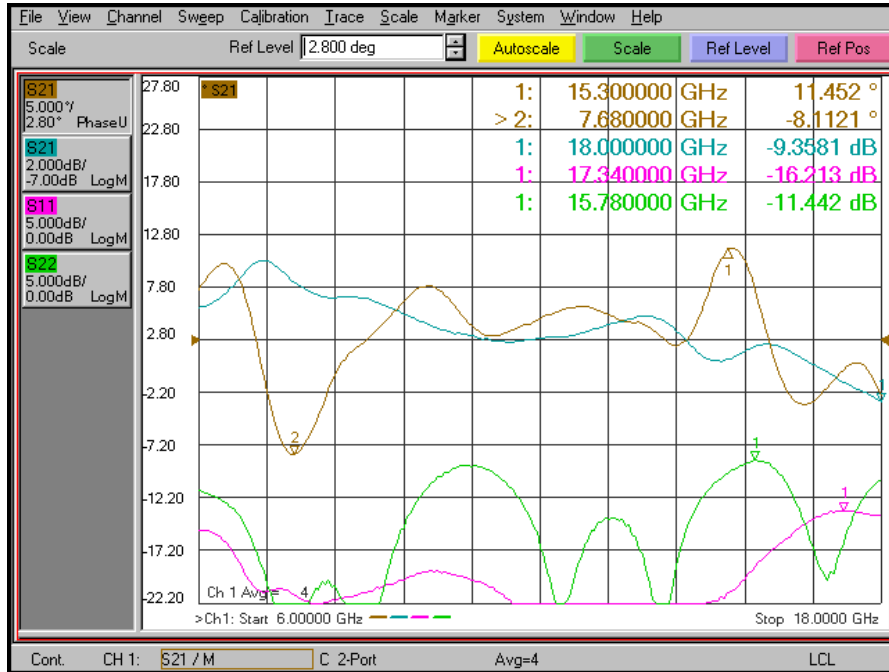




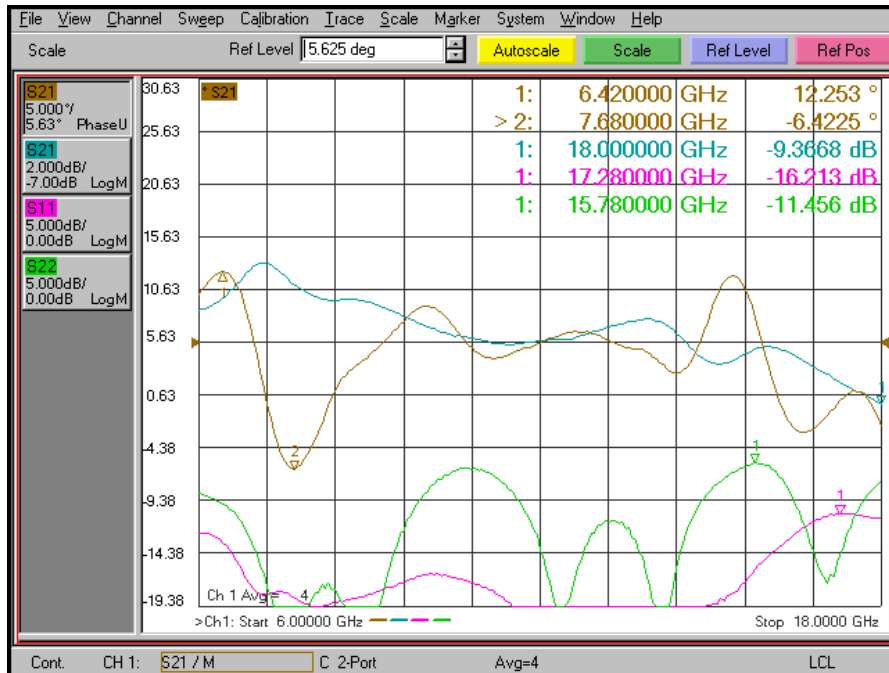
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Insertion Loss, Phase, and Return Loss 2.82 Degrees



Insertion Loss, Phase, and Return Loss 5.625 Degrees

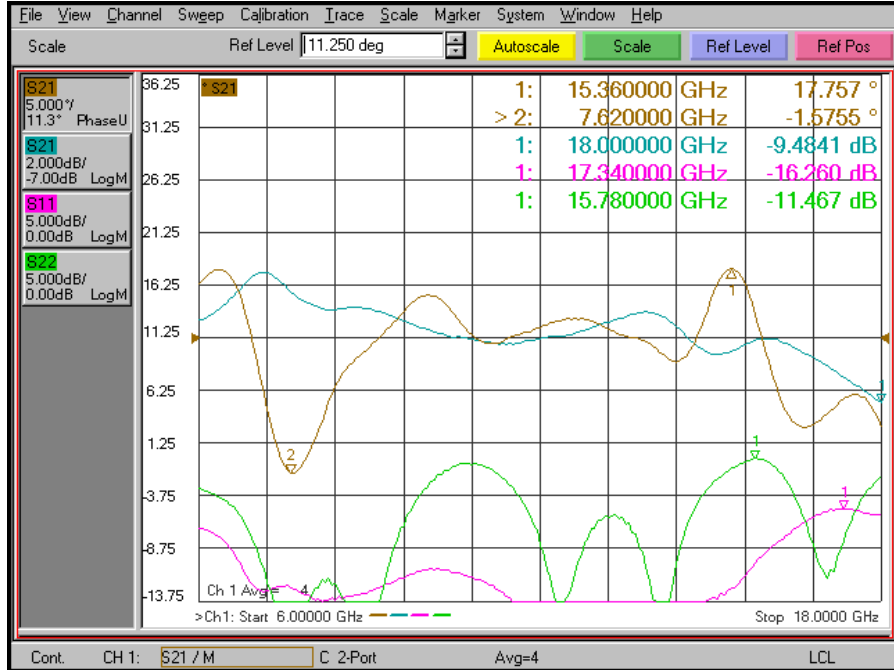




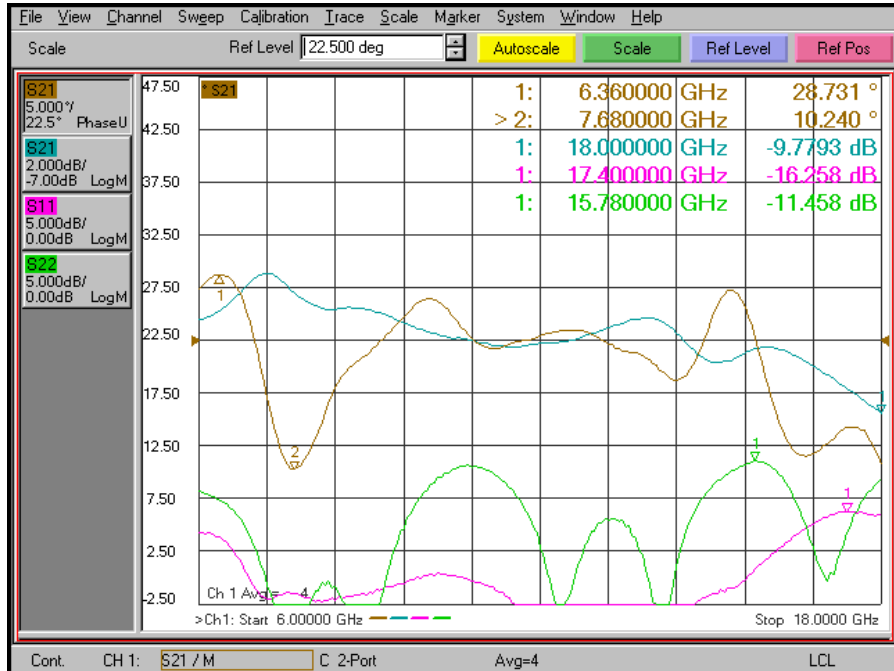
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Insertion Loss, Phase, and Return Loss 11.25 Degrees



Insertion Loss, Phase, and Return Loss 22.5 Degrees



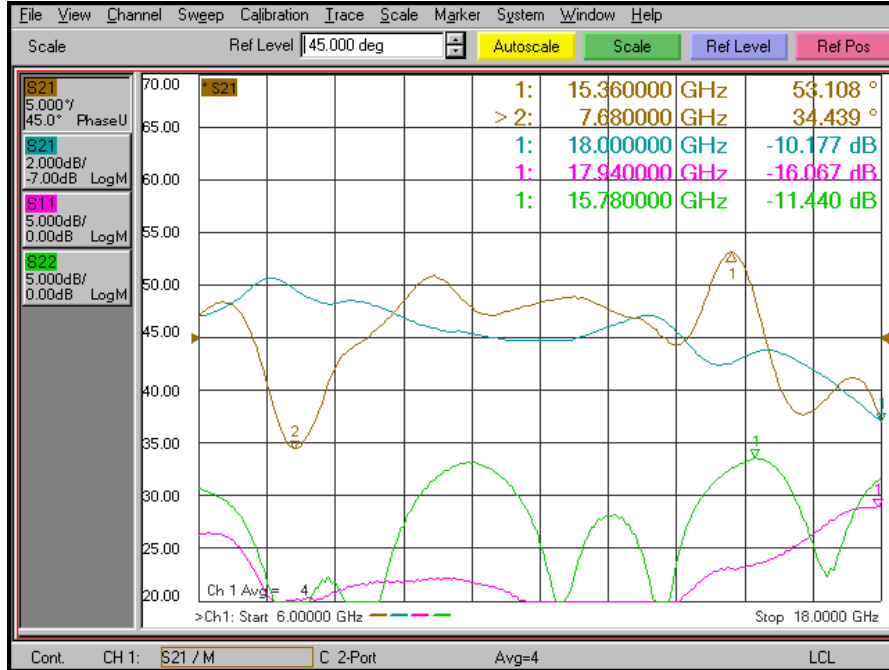
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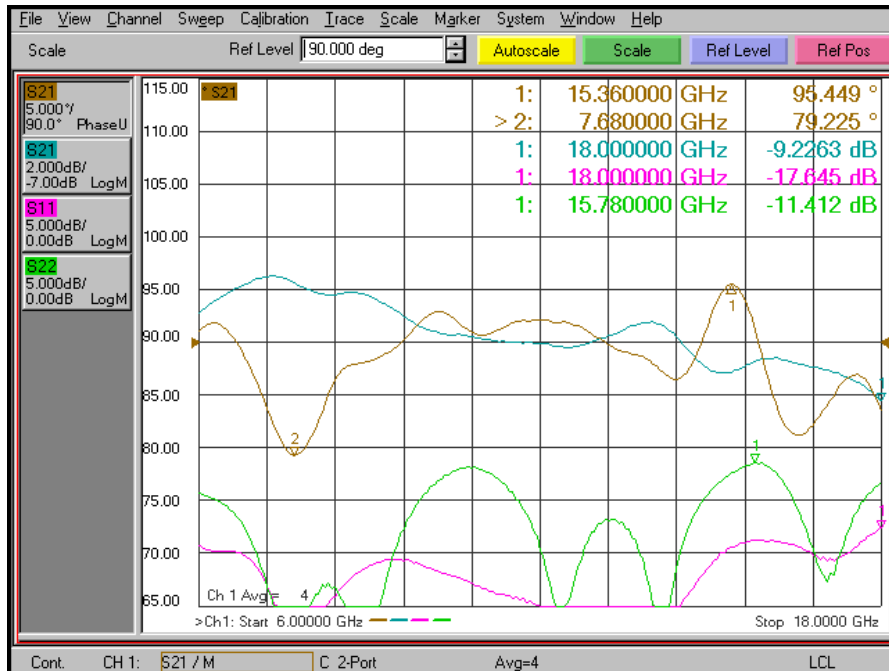
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Insertion Loss, Phase, and Return Loss 45 Degrees



Insertion Loss, Phase, and Return Loss 90 Degrees





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Insertion Loss, Phase, and Return Loss 180 Degrees

