SUMMARY TEST DATA
ON
PIQ-0R5G2G-360-20-CD-1

S/N: PL14225/1349

Customer:		**Tested By:**	K. Mansfield		
SO No:	SO13-096-P-E	**Temperature:**	+25°C		
Model No:	PIQ-0R5G2G-360-20-CD-1	**Date:**	11/27/13		
Serial No:	PL14225/1349	**Drawing No:**	27619218	**Rev:**	A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	500MHz-2GHz	**500MHz-2GHz**	PMI QA 2
2	Phase Range, 0.5- 2 GHz	360°	**360 ° See Plots**	
3	Attenuator Dynamic Range	20 dB	**20 dB See Plots**	
4	VSWR:	1.6:1 MAX	**1.56:1 See Plots**	
5	Insertion Loss	11 dB MAX	**8.5 dB See Plots**	
6	Attenuation vs. Frequency	±1.5 dB TYP.	**±1.2 dB See Plots**	
7	Phase vs. Frequency	±10.0° TYP.	**±3.9 ° See Plots**	
8	Control Logic	2 x 12 BITs (I and Q) TTL compatible.	**Verified**	
9	Control Slopes	Linear	**Verified**	
10	Switching Speed	500 nSec MAX.	**450 nSec See Typical Characteristics**	
11	Power Supply	+12 to 15V @ 100 mA -12 to 15V @ 100 mA	**+15 @ 91 mA -15 @ 25 mA**	PMI QA 2

QA/QC Approval: _____ PMI QA 2 **Date:** 11/27/13

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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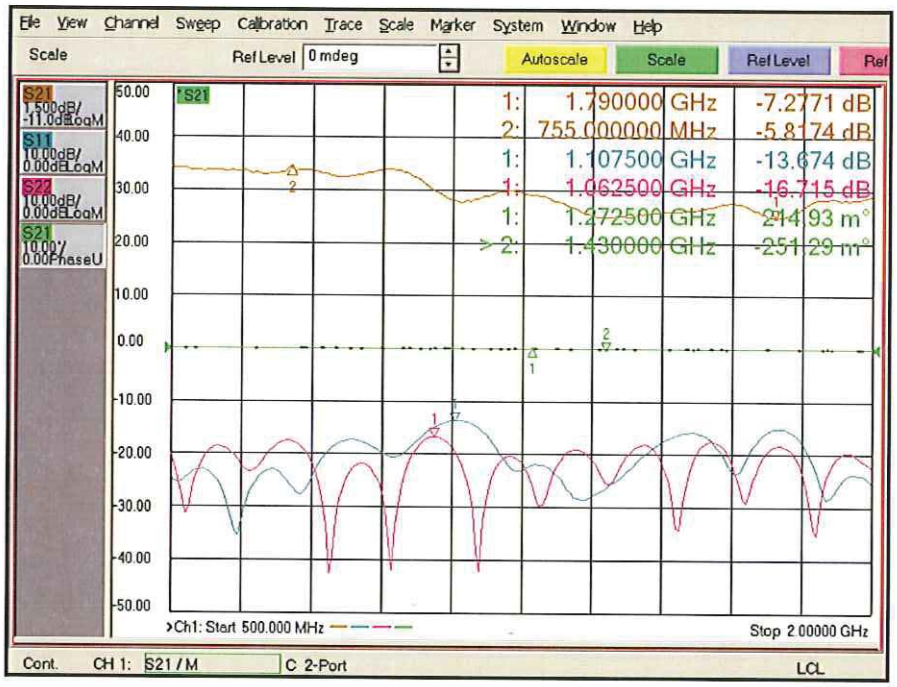
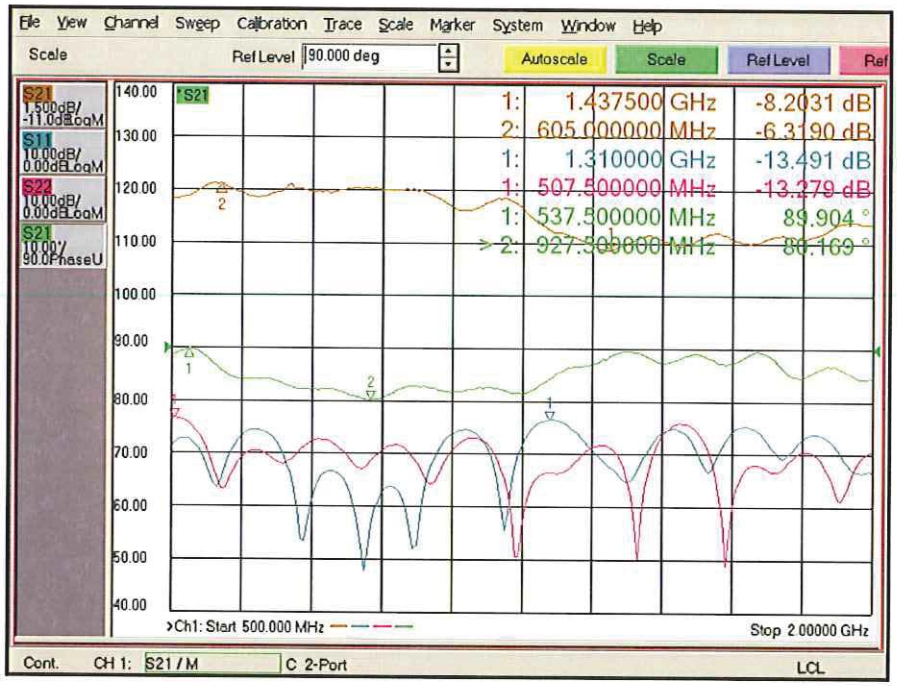
Insertion Loss, VSWR and Phase @ 0 Degrees



Insertion Loss, VSWR and Phase @ 90 Degrees



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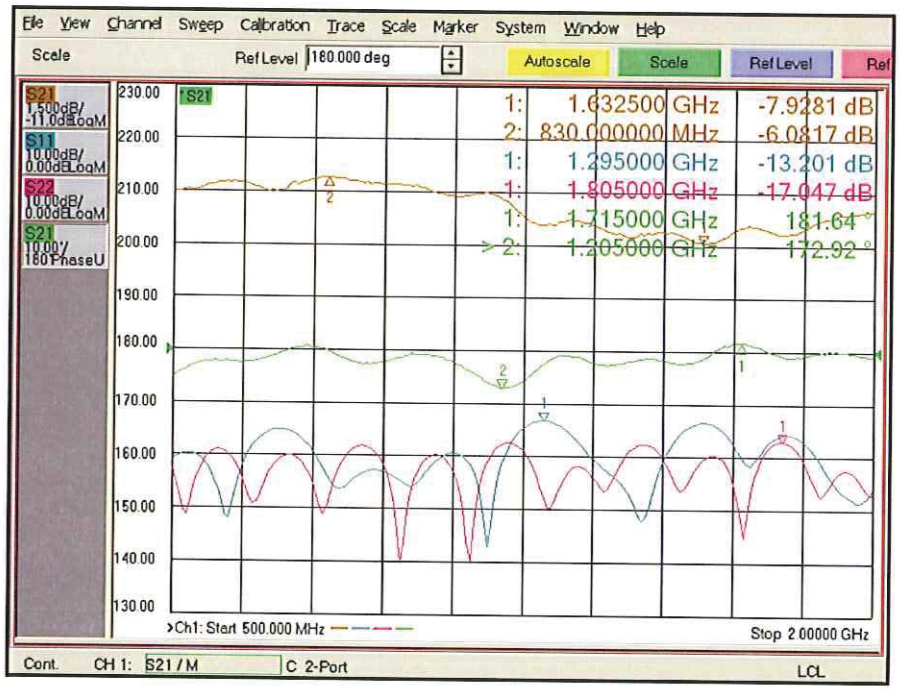
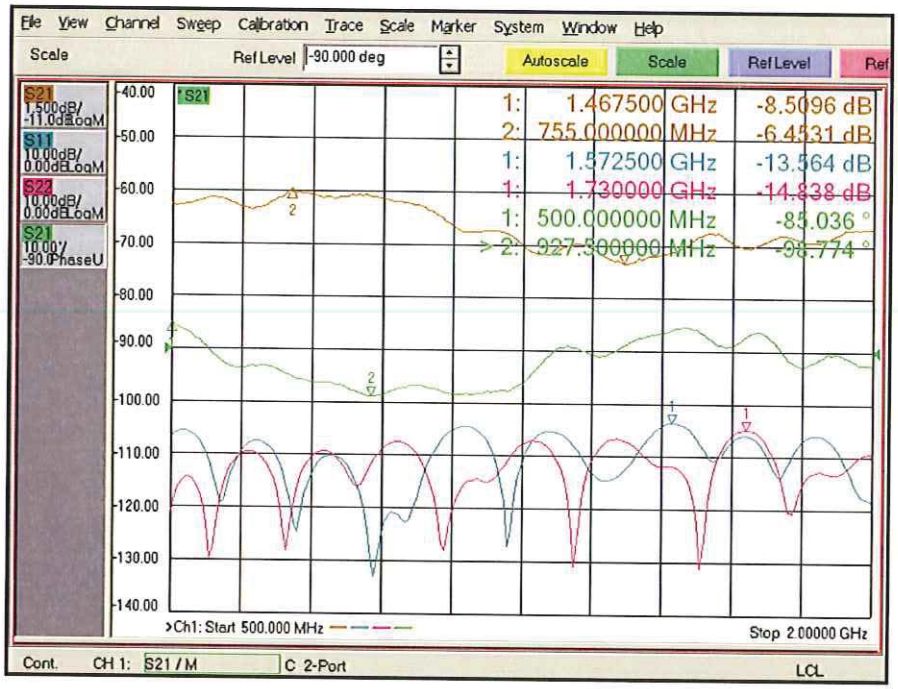
Insertion Loss, VSWR and Phase @ 180 Degrees



Insertion Loss, VSWR and Phase @ 270 Degrees



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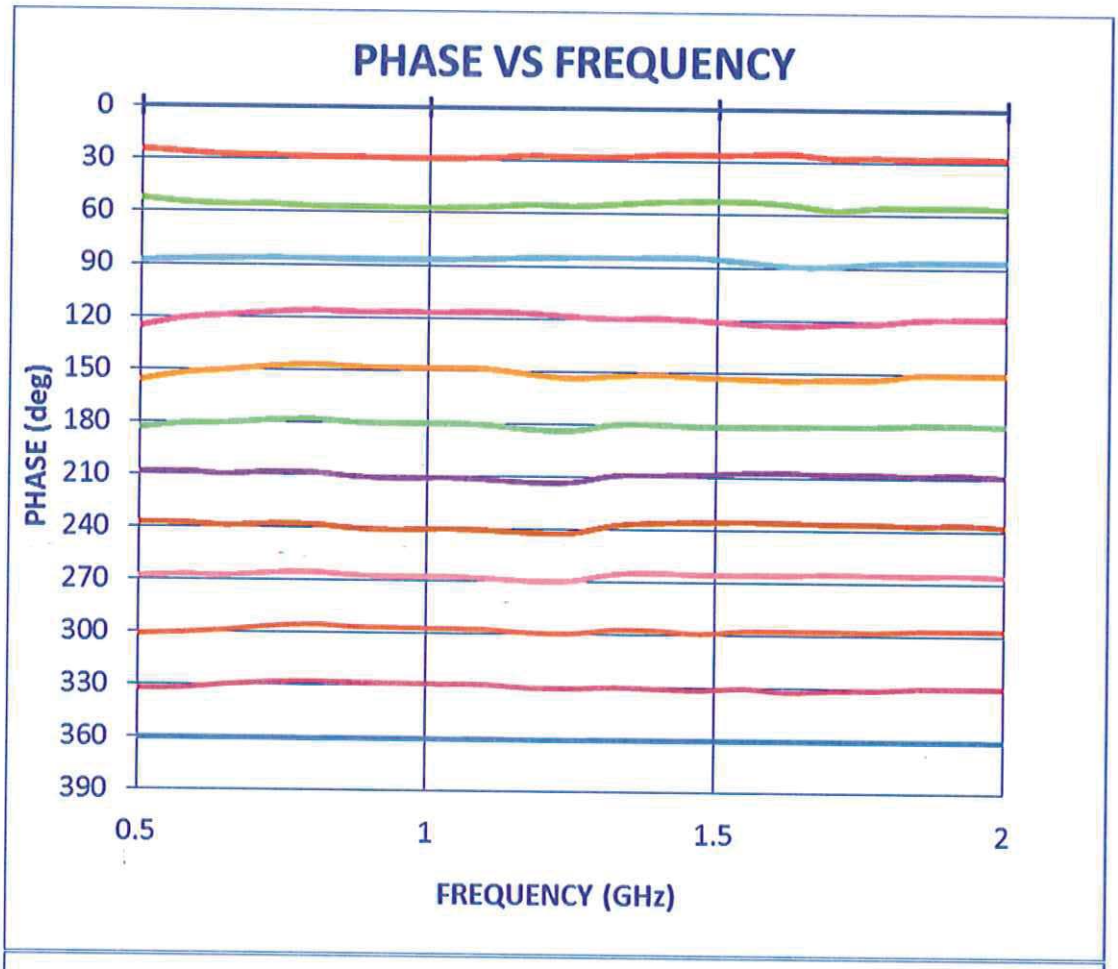
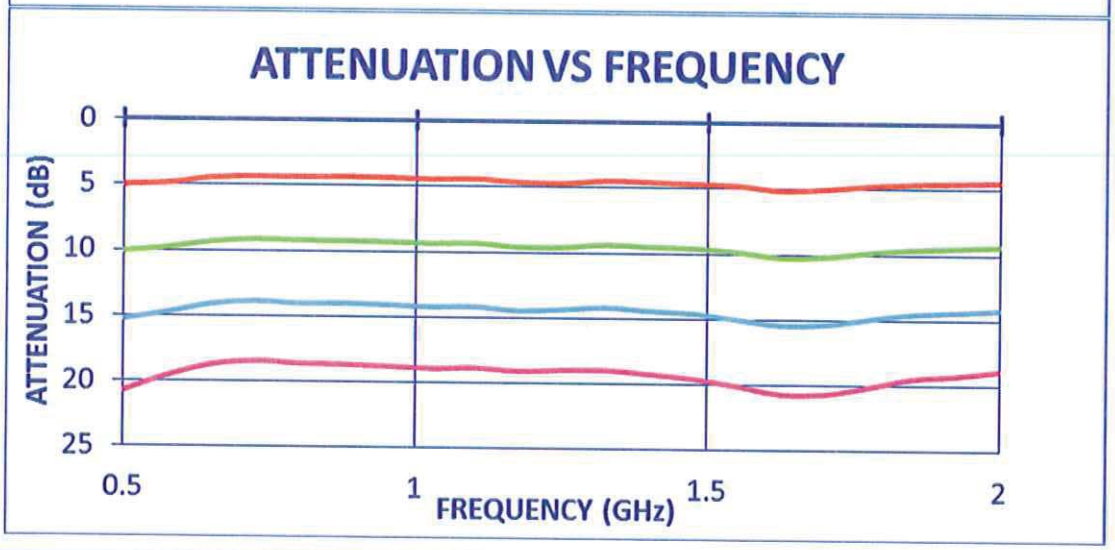
Graph Data





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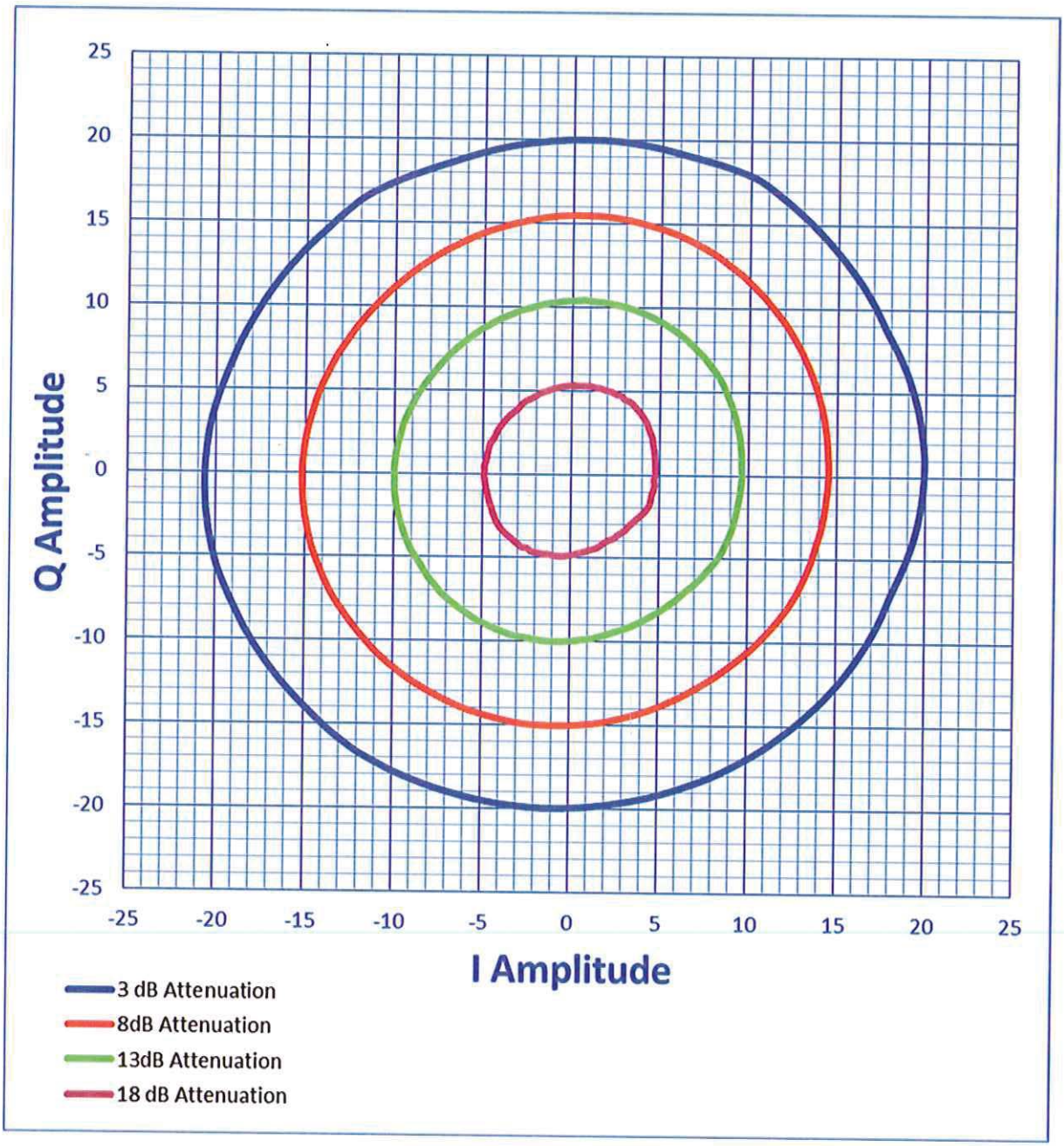
Polar Data



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