Quantic™ PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON LM-1G2G-4CW-1KWP-SMF

PL40272/2317

Customer:		**Tested By:**	L. McGraw		
SO No:		**Temperature:**	+25°C		
Model No:	LM-1G2G-4CW-1KWP-SMF	**Date:**	04/25/23		
Serial No:	PL40272/2317	**Drawing No:**	27629433	**Rev:**	A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	1.0 GHz To 2.0 GHz	**1.0 GHz To 2.0 GHz See Plot**	PMI QA2
2	Insertion Loss	0.7 dB Max	**0.68dB See Plot**	
3	Input/Output VSWR	2.0:1 Max @ -10 dBm Input	**1.49:1 See Plot**	
4	Impedance	50 Ω	**Pass**	
5	Input Power	4 W CW Min 1 kW Peak (1% Duty Cycle, 1 µs Max Pulse Width)	**Pass See Typical Characteristics**	
6	Maximum Flat Leakage	16 dBm (40 mW) Max	**15.35dBm See Typical Characteristics**	
7	Limiting Threshold	5 dBm Min, 1 dB Compression	**12dBm Typ. See Typical Characteristics**	
8	Recovery Time	1 µs Max	**100ns See Typical Characteristics**	
9	Weight	1 oz Typ.	**0.6 oz**	PMI QA2

1. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

QA/QC Approval: PMI QA2 **Date:** 4/26/2023

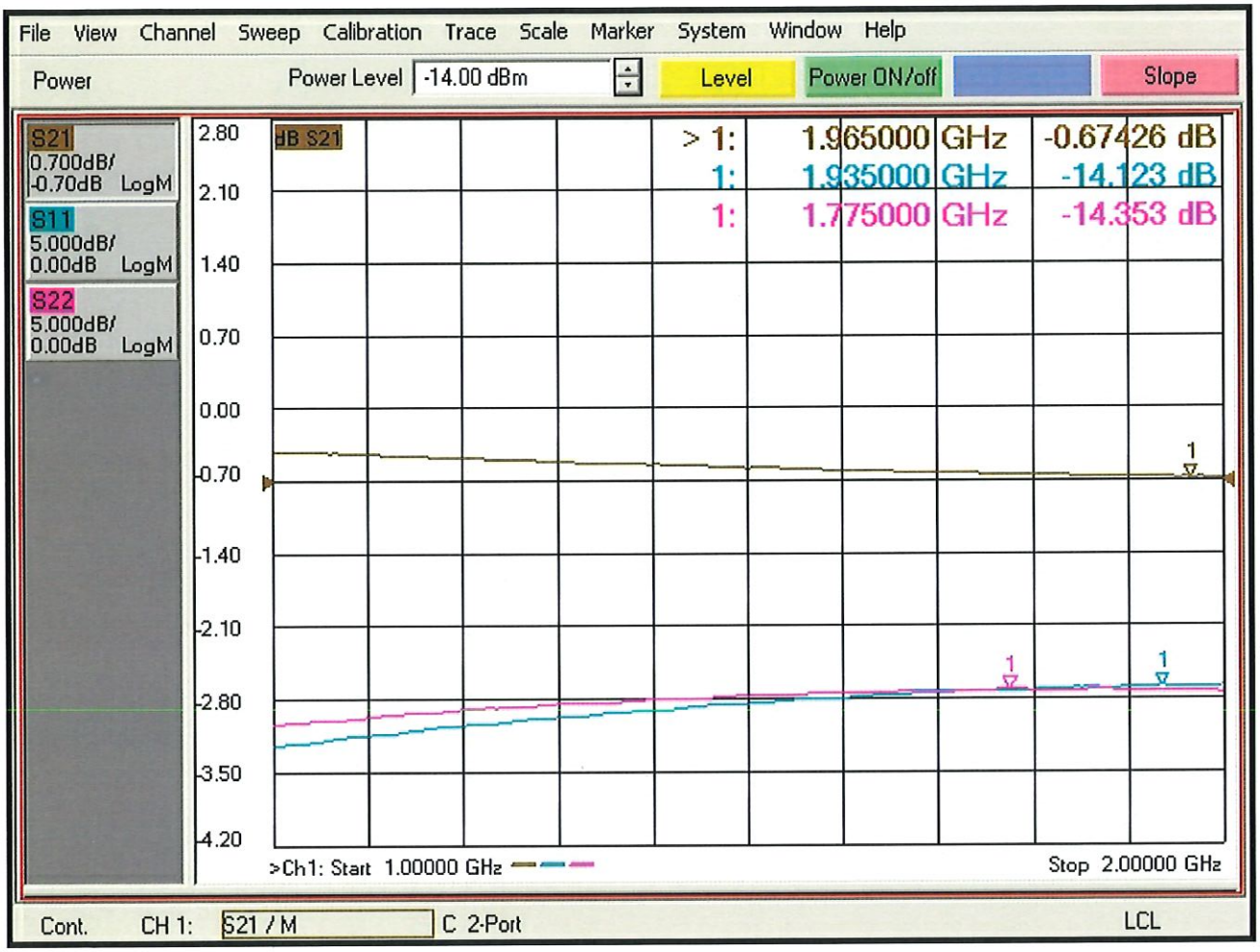
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON LM-1G2G-4CW-1KWP-SMF

PL40272/2317

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