



## SUMMARY TEST DATA ON LM-30M2G-5CW-1KWP-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: LM-30M2G-5CW-1KWP-SFF  
 Serial No: PL36874/2224  
 Part No: \_\_\_\_\_

Tested By: John R.  
 Temperature: +25°C  
 Date: 6/8/2022  
 Drawing No: 27635700 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	30 MHz to 2.0 GHz	30 MHz to 2.0 GHz	PMI QA 2	
2	Insertion Loss:	0.7 dB Goal, 1dB Max. @ 0 dBm Input	0.997 dB See Graph		
3	Input/Output VSWR:	2.0:1 Max. @ 0 dBm Input	1.93:1 See Graph		
4	Impedance:	50 Ω	50 Ω		
5	Input Power:	5 W CW Min. 1 kW Peak (0.1% Duty Cycle, 1 μs Max. Pulse Width)	Pass See Typical Characteristics		
6	Maximum Flat Leakage:	17 dBm (50 mW) Max.	Pass See Typical Characteristics		
7	Spike Leakage	1.0 x 10 <sup>-8</sup> kg m <sup>2</sup> /sec <sup>2</sup> Max. (0.1 ergs Max.)	Pass See Typical Characteristics		
8	Limiting Threshold:	7 dBm Min, 1 dB Compression	10.9 dBm See Graph		
9	Recovery Time (3 dB):	1 μs Max @ 1KW Peak Power	Pass See Typical Characteristics		PMI QA 2

1. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

QA/QC: \_\_\_\_\_

PMI  
QA 2

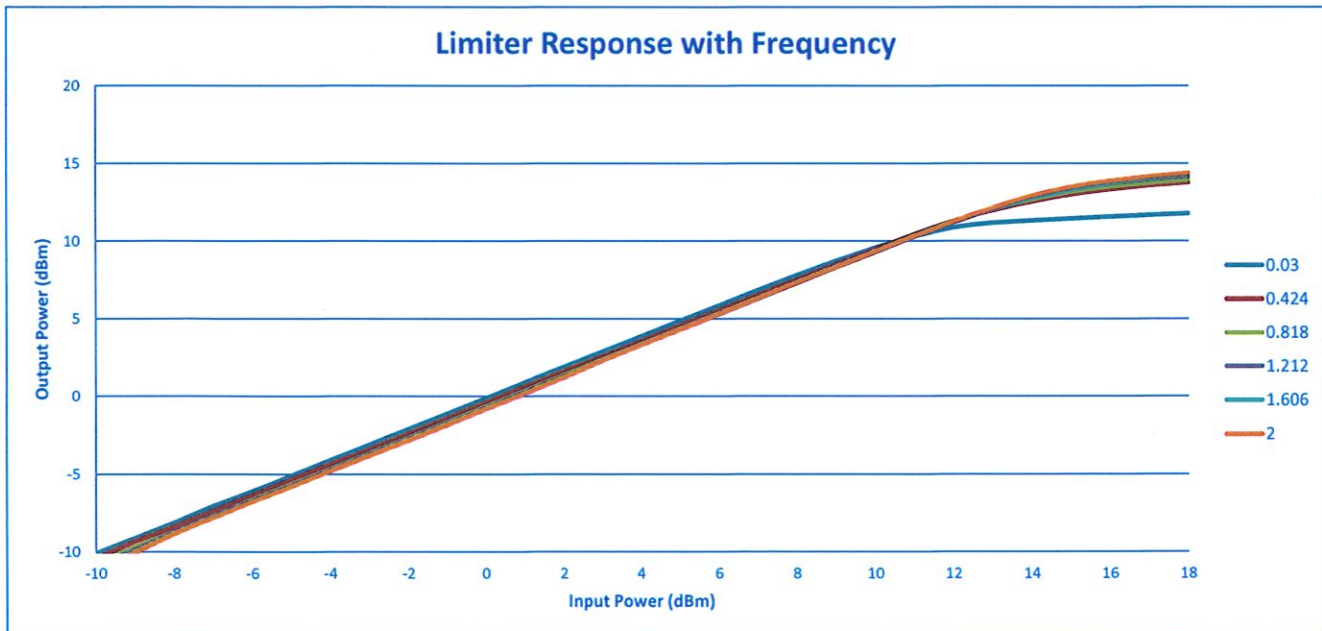
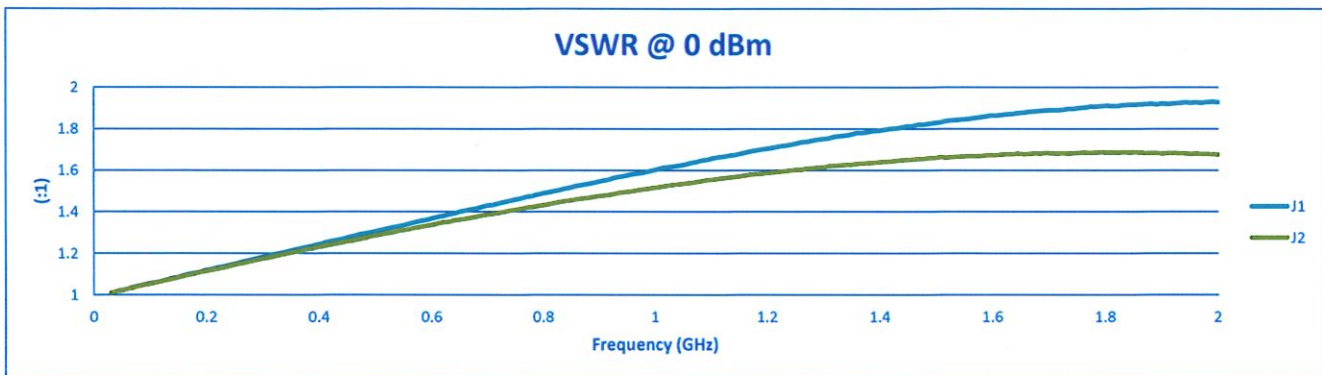
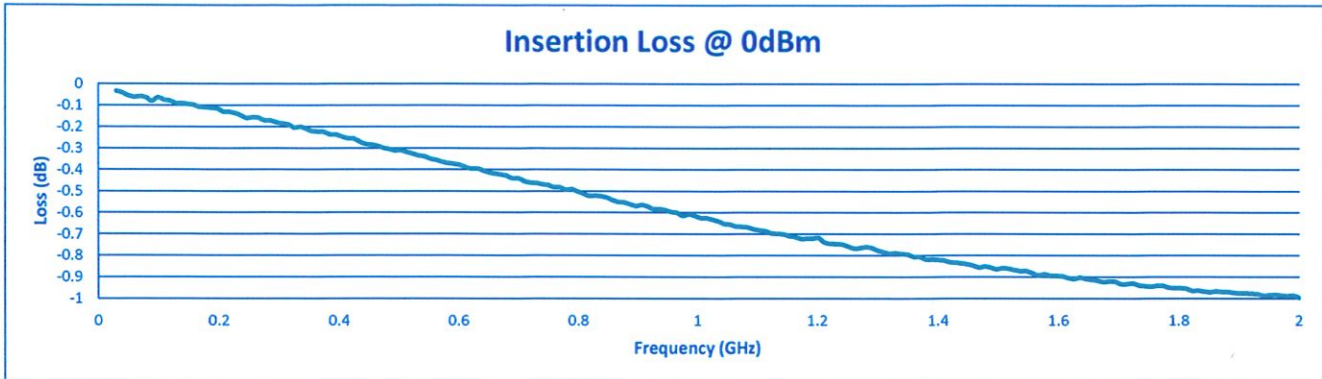
Date: 6/8/2022

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



# SUMMARY TEST DATA ON LM-30M2G-5CW-1KWP-SFF

PL36874/2224



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