



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

Customer: _____
 SO No: _____
 Model No: LM-30M2G-5CW-1KWP-SFF
 Serial No: PL52507/2516
 Part No: _____

Tested By: John R.
 Temperature: +25°C
 Date: 4/15/2025
 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 QA4
2	Insertion Loss:	0.7 dB Goal, 1dB Max. @ 0 dBm Input	0.73 dB See Graph	
3	VSWR:	2.0:1 Max. @ 0 dBm Input	1.8:1 In 1.8:1 Out See Graph	
4	Impedance:	50 Ω	Pass	
5	Input Power:	5 W CW Min. 1 kW Peak (0.1% Duty Cycle, 1 μ s 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 ⁻⁸ kg m ² /sec ² Max. (0.1 ergs Max.)	Pass See Typical Characteristics	
8	Limiting Threshold:	7 dBm Min 1 dB Compression	13 dBm See Graph	
9	Recovery Time (3 dB):	1 μ s Max @ 1KW Peak Power	Pass See Typical Characteristics	PMI QA4

1. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

Cameron Kellogg

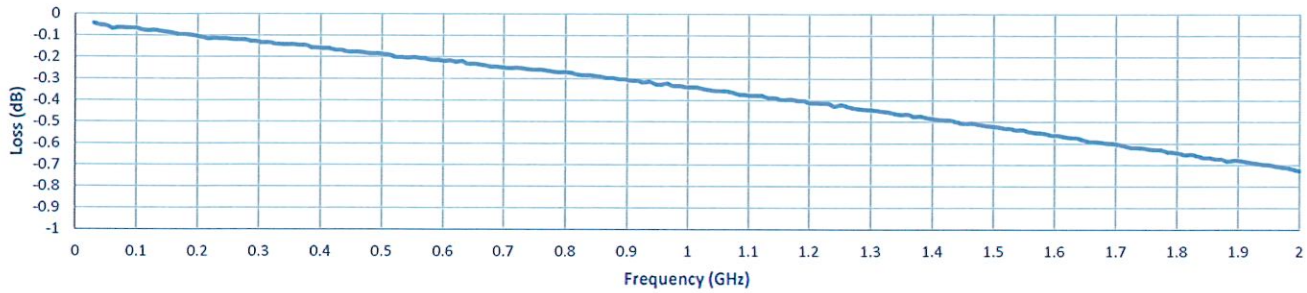
4/15/25

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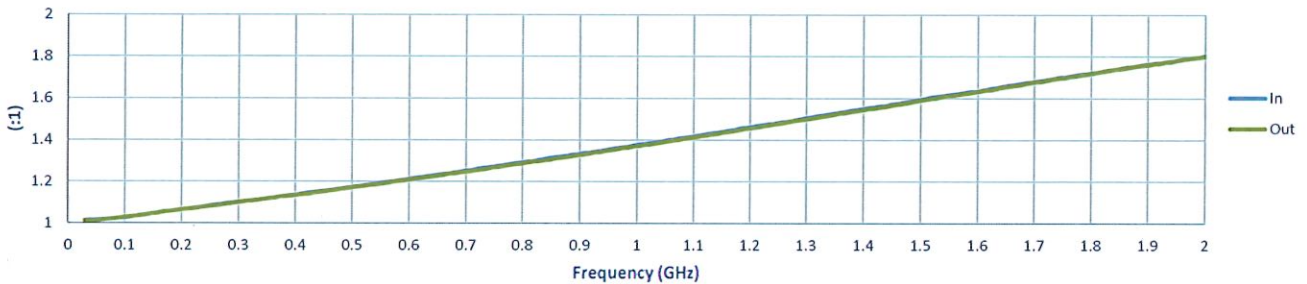
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Insertion Loss @ 0dBm



VSWR @ 0 dBm



Limiter Response with Frequency

