



SUMMARY TEST DATA ON LM-2G18G-18-20W-1KWP-SFF

Customer: _____
 SO No: _____
 Model No: LM-2G18G-18-20W-1KWP-SFF
 Serial No: PL28135/2011

Tested By: John R.
 Temperature: +25°C
 Date: 3/12/2020
 Drawing No: 27636740

REV: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
			+25°C		
1	Frequency Range:	2.0 to 18.0 GHz	2.0 to 18.0 GHz	PMI QA 1	
2	RF Input Power	20 Watts(+43 dBm) CW Maximum	Pass See Graph		
3	Peak Input Power	100 W(+50 dBm) Maximum @10% Duty Cycle & 40µs Pulse Width	Pass See Typical Characteristics		
4	Limiting Threshold (P1dB)	≥ +5 dBm	6 dBm		
5	RF Leakage	≤ +18 dBm Flat & Spike	<18 dBm See Typical Characteristics		
6	Recovery Time	< 100 ns	<100 ns See Typical Characteristics		
7	Insertion Loss	≤ 2.6 dB (@ -10 dBm Input Power)	1.76dB See Plot		
8	VSWR	≤ 2.0:1 (@ -10 dBm Input Power)	1.92:1 See Plot		
9	Weight	3.0 OZ Maximum	Pass		PMI QA 1

QA/QC Approval:

PMI
QA 1

Date:

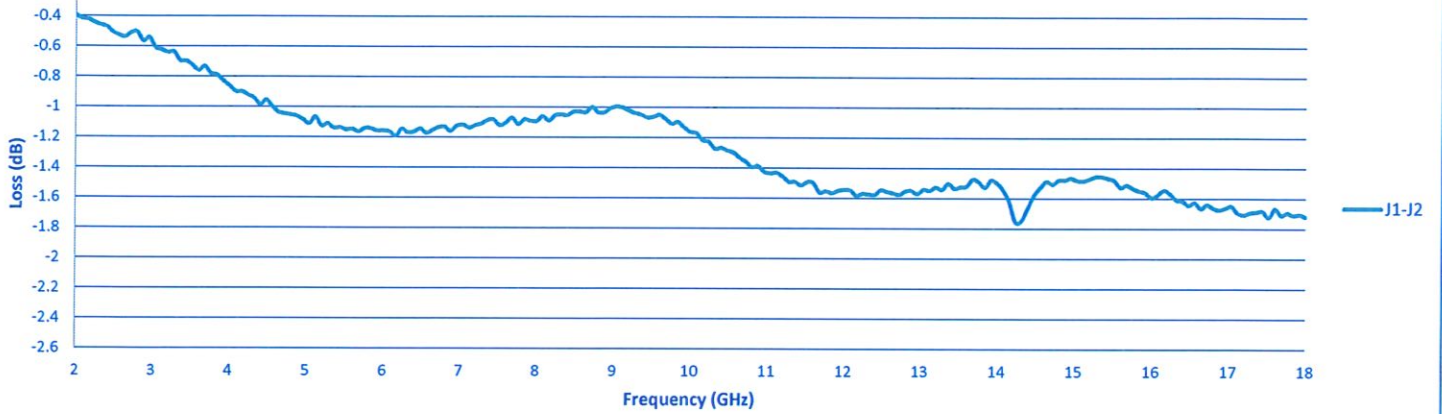
3/17/20



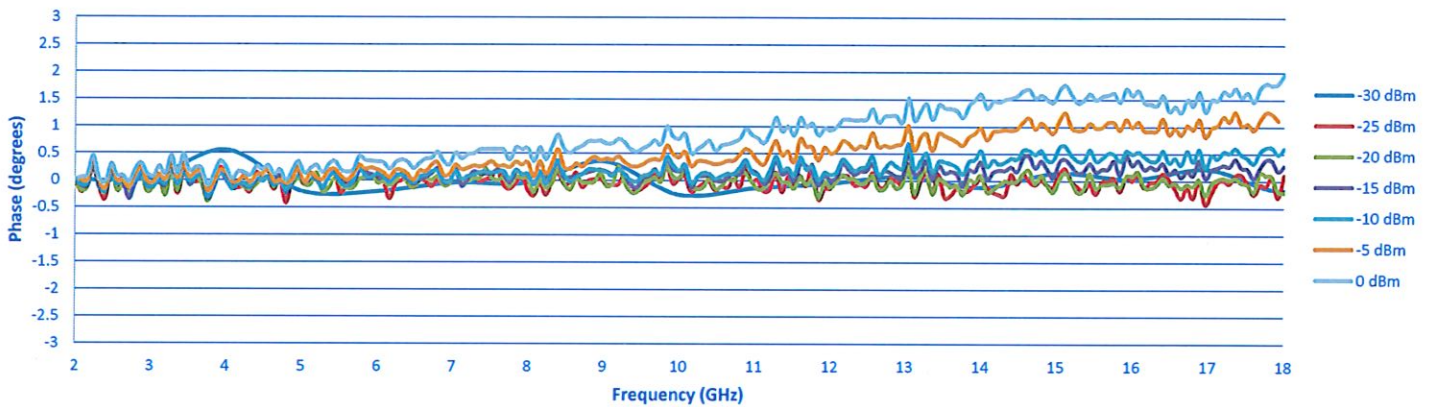
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Insertion Loss



Insertion Phase



VSWR

