



**SUMMARY TEST DATA
ON
IAW MACOM SC00066-06 REV C**

Customer: _____
SO No: _____
Model No: IAW MACOM SC00066-06 REV C
Serial No: PL31315/2106

Tested By: J. Boze
Temperature: 25 °C
Date: 2/11/2021
Drawing No: 27609926 REV: B1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC <i>PMI</i> <i>QA3</i>
1	Frequency Range:	0.1 to 20.25 GHz	0.1 to 20.25 GHz	
2	Gain:	19.5 dB Min. 23.5 dB Max.	+22.43 dB Min. +21.4 dB Max. See Plot	
3	Gain Flatness:	±0.5 dB Max. (Over any 500 MHz span over Full Band)	±0.49 dB See Plot	
4	Noise Figure:	6.0 dB Max. (0.1 to 19 GHz) 6.5 dB Max. (19 to 20.25 GHz)	5.05 dB Max. See Plot	
5	Max Input Power:	+20 dBm (Without Damage)	+20 dBm	
6	VSWR: (Input/Output)	Input: 2.5:1 Max. Output: 2.0:1 Max.	Input: 2.1:1 Output: 1.8:1 See Plot	
7	Output IP3:	+24 dBm Min.	-54.7 dBm Min. See Plot	
8	OP1dB:	+14 dBm Min.	+14.4 dBm Min. See Plot	
9	Reverse Isolation:	30 dB Min.	-57 dB See Plot	
10	DC Supply:	+15 VDC ±5% @ 275 mA Max.	+15 VDC @ 150 mA	<i>PMI</i> <i>QA3</i>

QA/QC Approval: *Arthur Zimmerman*

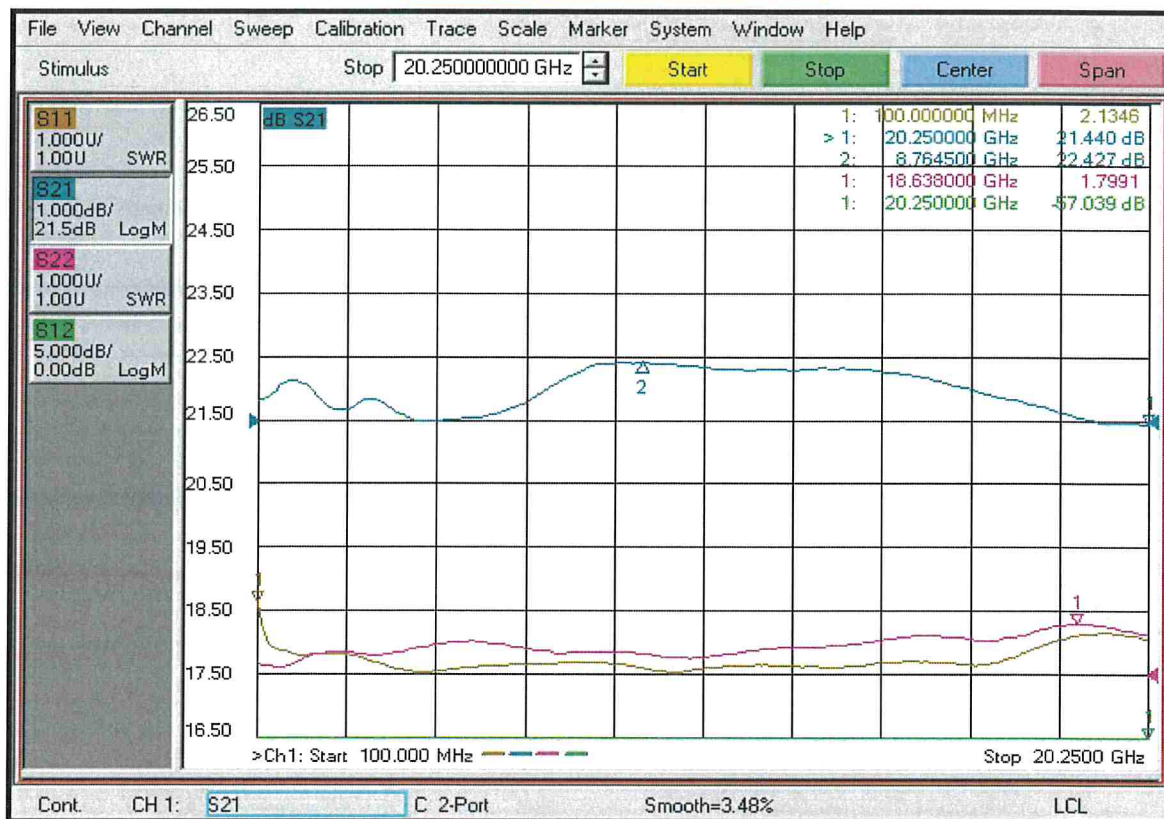
Date: 2-23-2021



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PL313152106

Gain, VSWR, and Reverse Isolation Plot



Noise Figure Plot



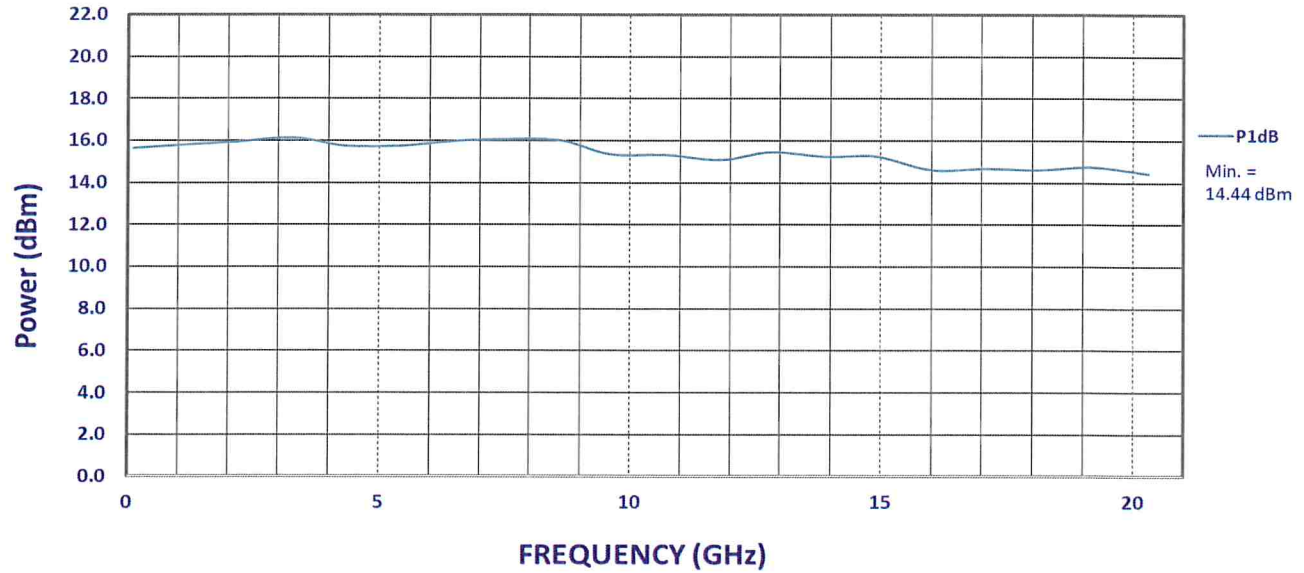


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OP1dB Plot

P1dB Vs Frequency



OIP3 Plot

