



SUMMARY TEST DATA ON IAW MACOM SC00066-06 REV C

Customer: _____
SO No: _____
Model No: IAW MACOM SC00066-06 REV C
Serial No: PL32586/2122

Tested By: J. Boze
Temperature: 25°C
Date: 6/1/2021
Drawing No: 27609926 REV: B1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.1 to 20.25 GHz	0.1 to 20.25 GHz	PMI QA3
2	Gain:	19.5 dB Min. 23.5 dB Max.	+22.64 dB Min. +21.2 dB Max. See Plot	
3	Gain Flatness:	±0.5 dB Max. (Over any 500 MHz span over Full Band)	±0.73 dB See Plot	
4	Noise Figure:	6.0 dB Max. (0.1 to 19 GHz) 6.5 dB Max. (19 to 20.25 GHz)	5.68 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 Output: 1.8:1 See Plot	
7	Output IP3:	+24 dBm Min	26 dBm See Plot	
8	OP1dB	+14 dBm Min	+14.6 dBm Min. See Plot	
9	Reverse Isolation:	30 dB Min.	-42 dB See Plot	
10	DC Supply:	+15 VDC ±5% @ 275 mA Max	+15 VDC @ 160 mA	PMI QA3

QA/QC Approval: _____

A Zimmerman

Date: _____

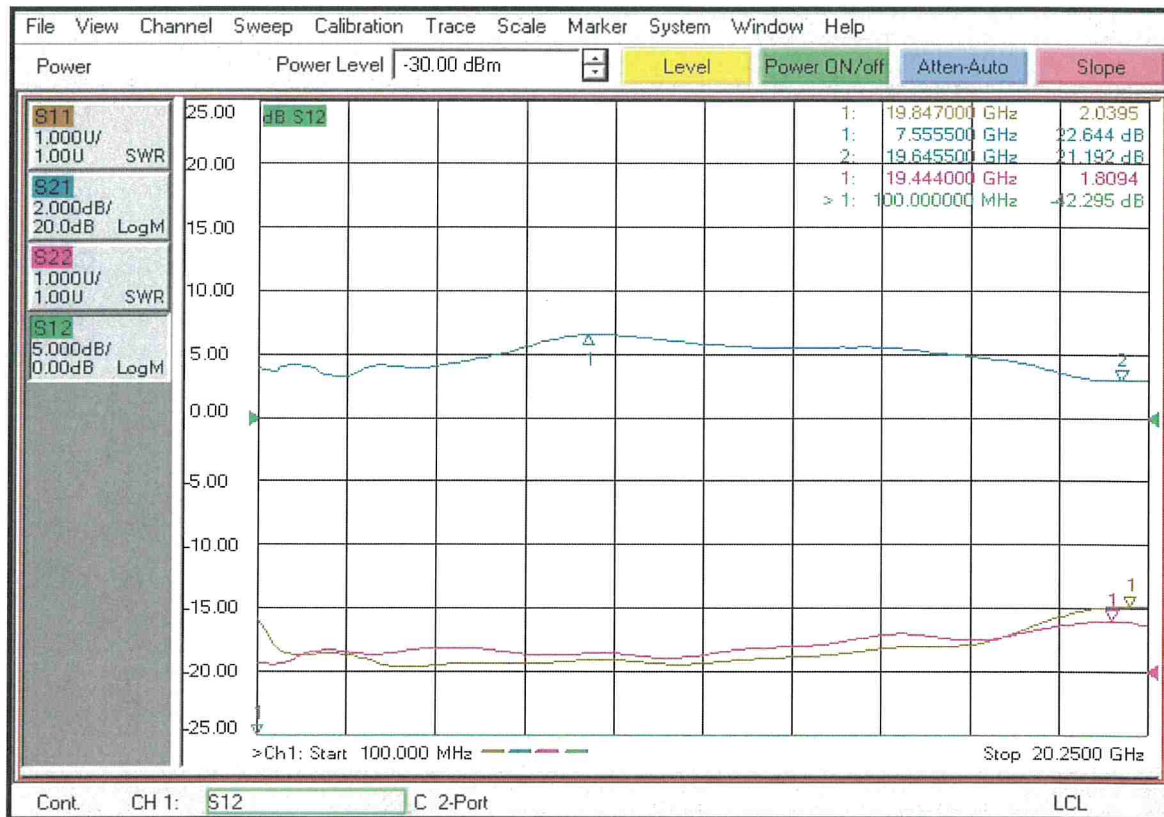
6-2-21



SUMMARY TEST DATA ON IAW MACOM SC00066-06 REV C

PL32586 21.22

Gain, VSWR, and Reverse Isolation Plot



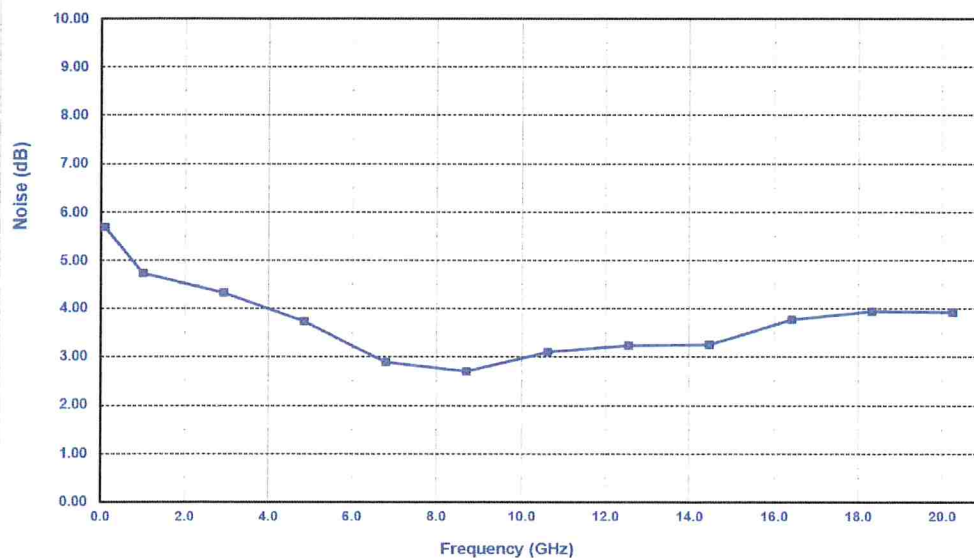
Noise Figure Plot

S/N: PL32586

Noise Figure

Max Noise 5.68 dB At Freq.: 0.1 GHz

Avg. Noise 3.78 dB

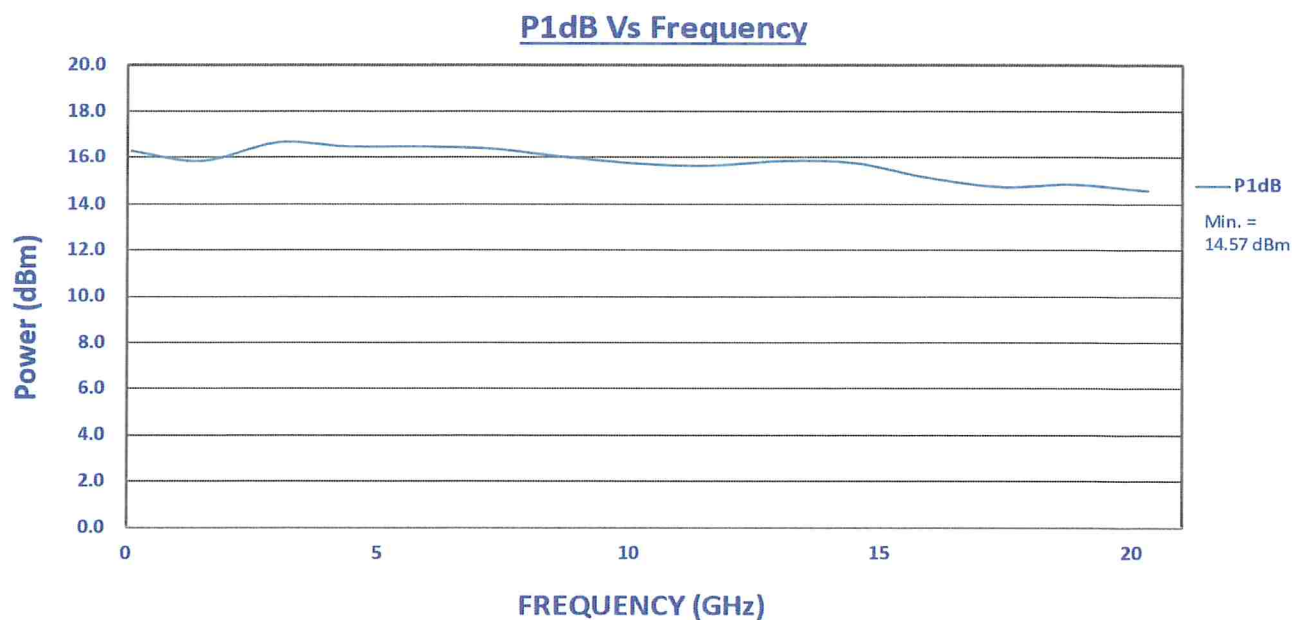




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PI 32586 2122

OP1dB Plot



OIP3 Plot

