



**SUMMARY TEST DATA
ON
LNA-47-0R52-4-SFF**

SO No: 20190415-01-P-E
Model No: LNA-47-0R52-4-SFF
Serial No: PL28923/2018

Tested By: J. Mattsson-Boze
Temperature: +25°C
Date: 5/13/2020
Drawing No: 27637680 REV: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.5 GHz - 2 GHz	0.5 GHz - 2 GHz	AB 5/19
2	Gain:	47 dB Min, 53 dB Max	52.9 dB Max 51.8 dB Min See Plot	↓
3	Gain Flatness:	±1.25 dB Max	±0.5 dB See Plot	
4	Noise Figure:	4 dB Max	1.6 dB See Plot	
5	Third Order Intercept Point:	+30 dBm Min	+33.2 dBm Min See Plot	
6	Output Power P1dB:	+20 dBm Min	+22.1 dBm See Plot	
7	Saturated Output Power:	+23 dBm Min	+25.3 dBm See Plot	
8	Harmonics:	-12dBc Max	-29.5 dBc	
9	Non-Harmonic Spurious:	-50 dBc Max	<-60 dBc	
10	VSWR: (Input/Output)	2.0:1 Max	1.8:1 In 1.7:1 Out See Plot	
11	DC Supply:	+15 VDC @ 600 mA Typ.	+15 VDC @ 650 mA	AB 5/19

QA/QC Approval: Arthur Zimmerman

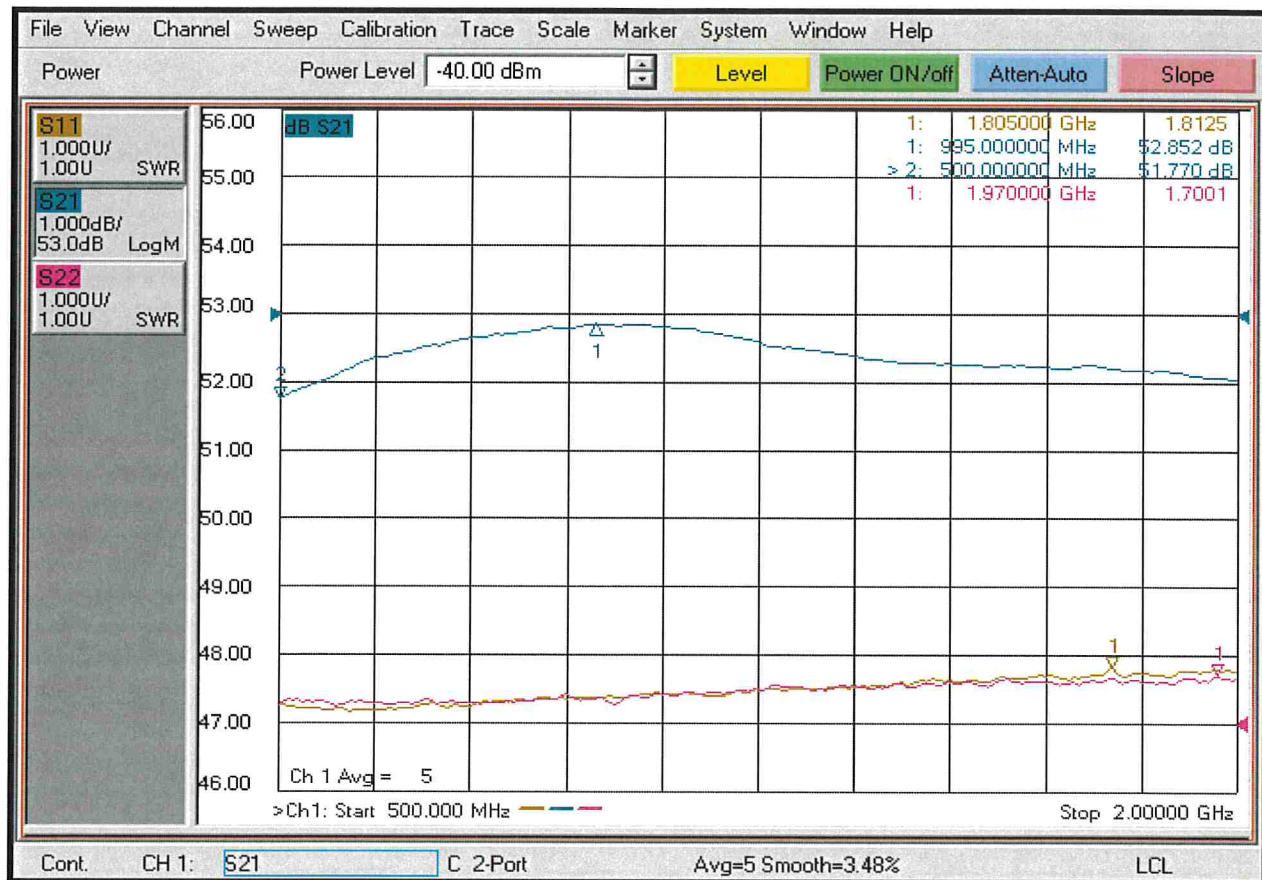
Date: 5-19-2020



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PL28923 2018

Gain and Gain Flatness Plot

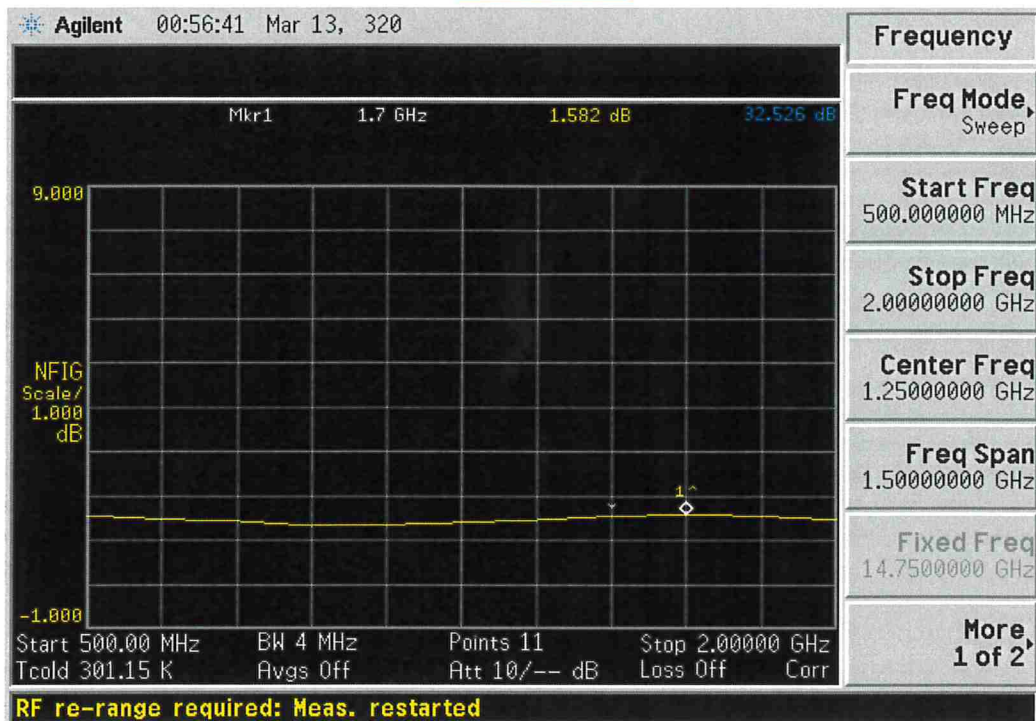




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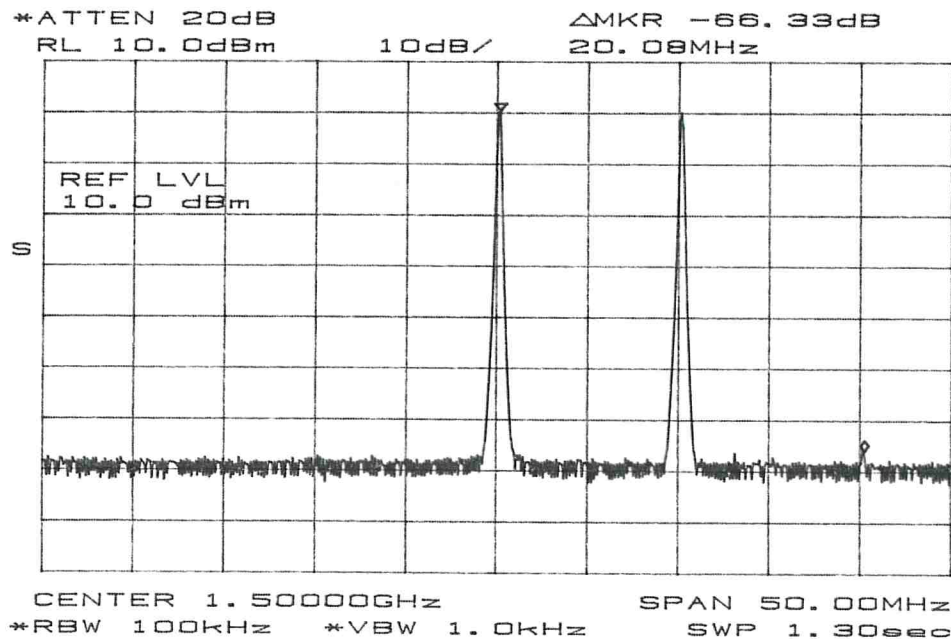
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Noise Figure Plot



Third Order Intercept Plot

PL28923

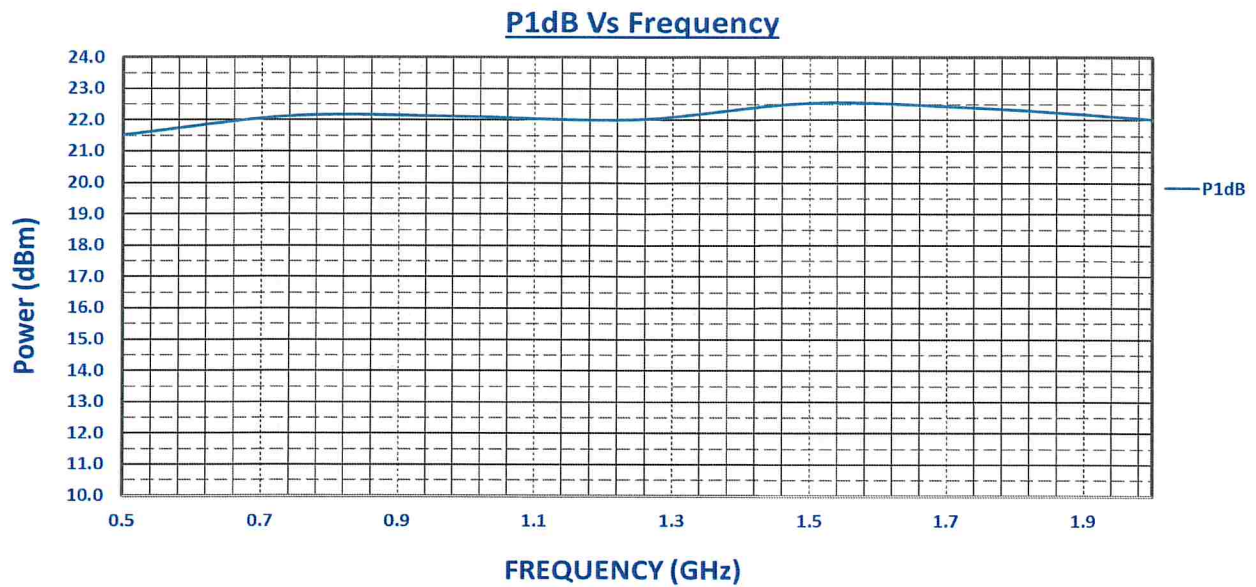




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PL28923/2018

OP1dB Plot:



PSAT Plot:

