SUMMARY TEST DATA
ON
PLNA-35-100M18G-P1dB24-120VAC

Customer: [redacted]
SO No: SO16-148-A-E
Model No: PLNA-35-100M18G-P1dB24-120VAC
Serial No: PL21113/1722

Tested By: C. Benjamins / H. Say
Temperature: 25C
Date: 5/31/2017
Drawing No: 27630090 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.1 GHz TO 18 GHz	0.1 GHz TO 18 GHz	PMI QA 2
2	Small Signal Gain @ +25C	35 dB TYP 40.0 dB MAX	44.27 dB MAX 40.85 dB MIN See Plot	
3	Noise Figure	3.0 dB MAX	4.65 dB @ < 0.5 GHz 3.38 dB @ > 0.5 GHz See Plot	
4	P1dB Compression Point	27.0 dBm TYP 24.0 dBm MIN	24.73 dBm See Plot	
5	Gain Flatness	±2.0 dB TYP	±1.71 dB See Plot	
6	VSWR	2:1 MAX	1.93 See Plot	
7	Power Supply	+120 VAC	PASS	PMI QA 2

QA/QC Approval: PMI QA 2 Date: 6/2/17

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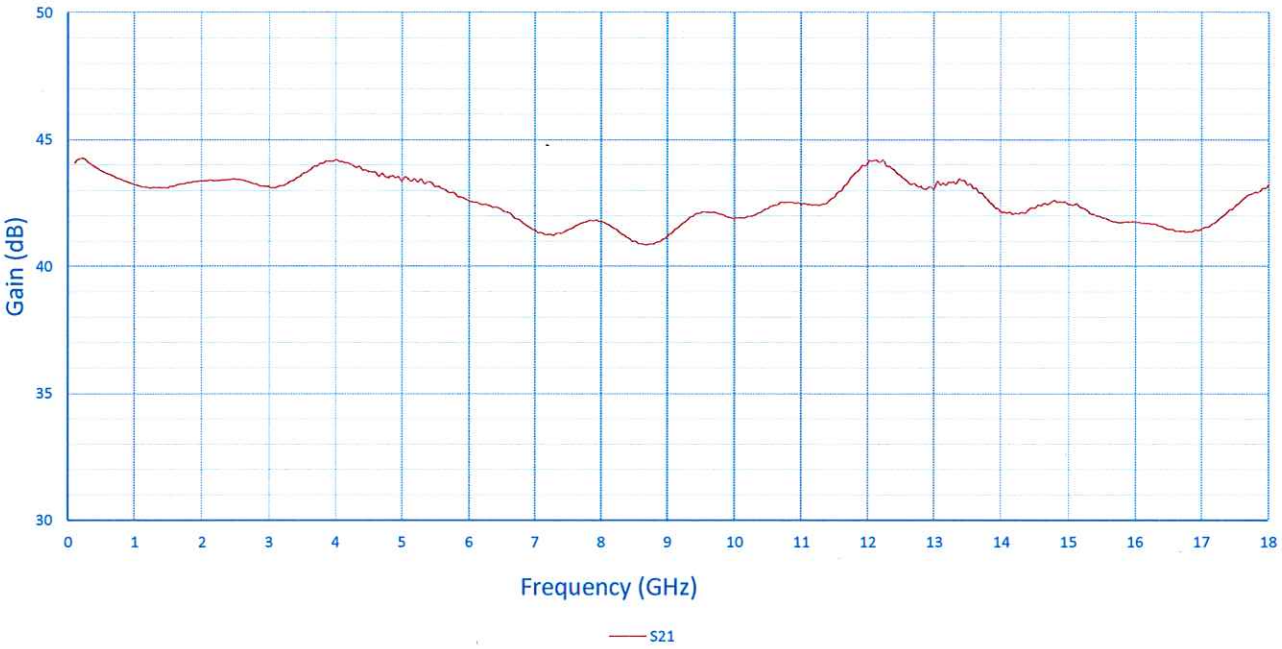
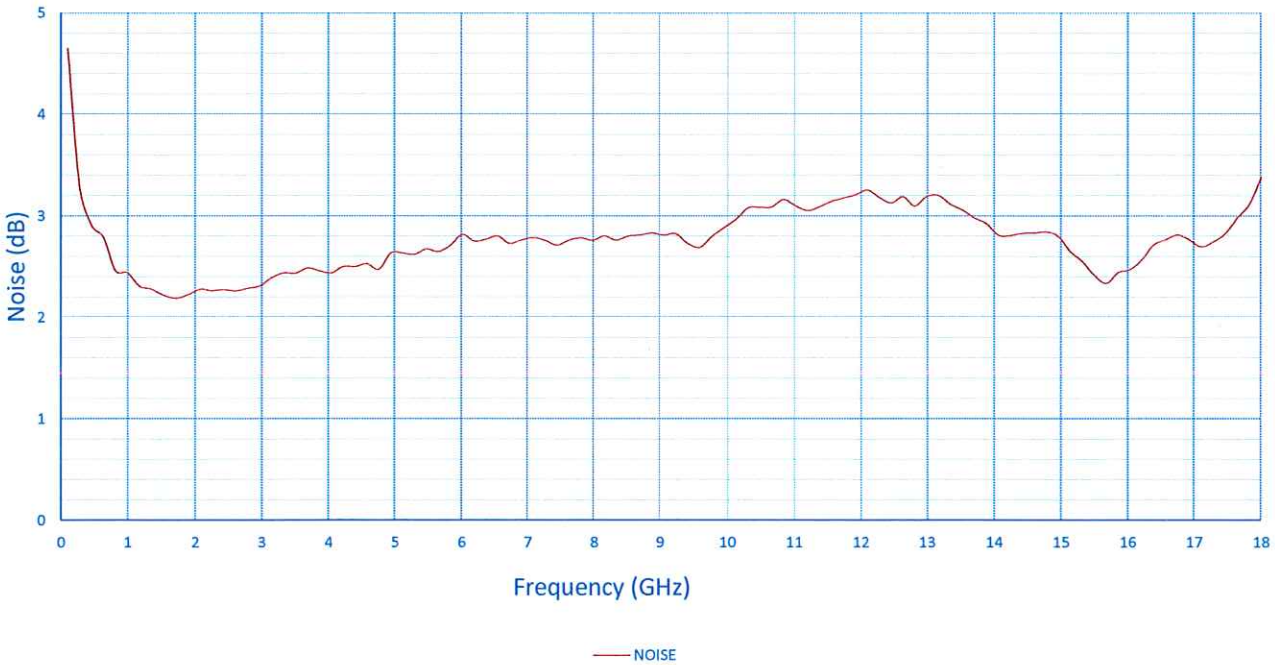
Small Signal Gain



Noise Figure



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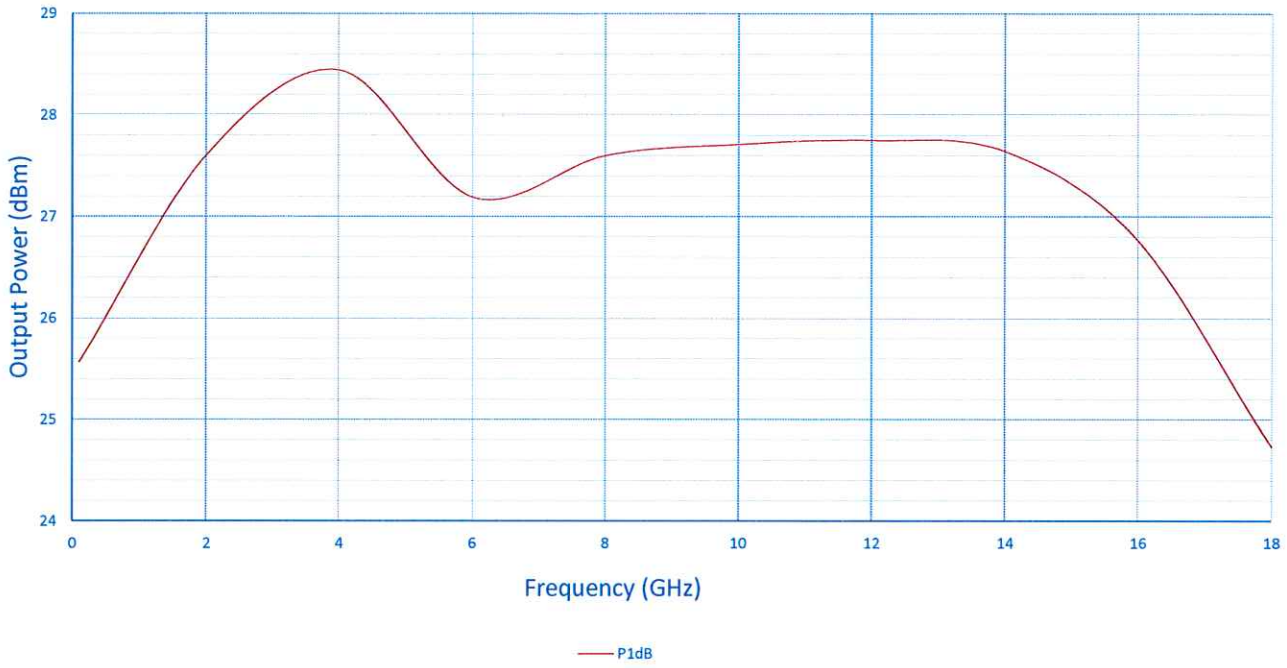
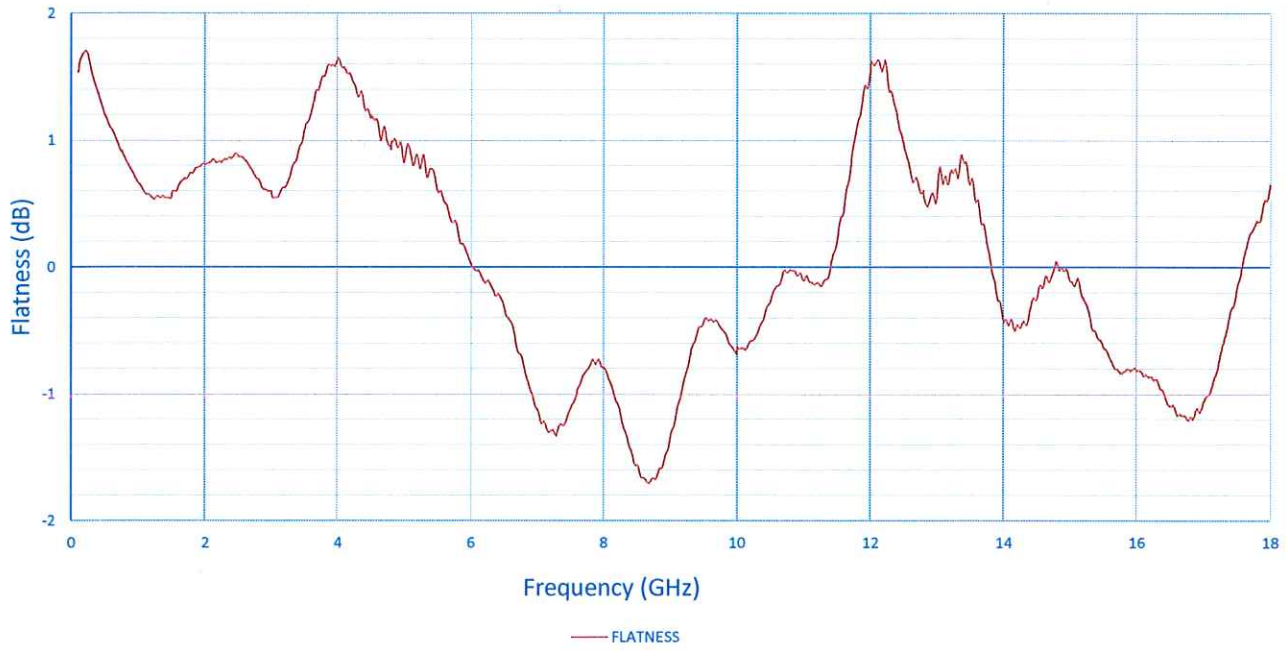
P1dB



Gain Flatness



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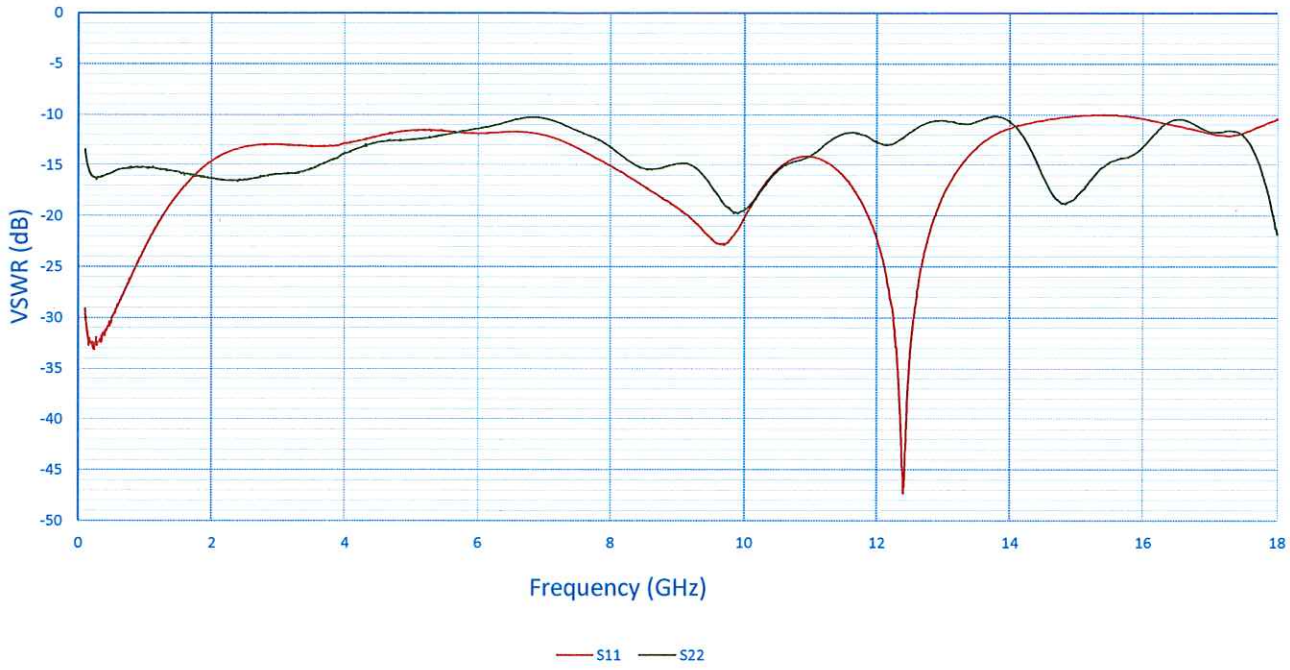
VSWR