



**SUMMARY TEST DATA
ON
GMPA-8217-7**

PL22871/1823

Customer: _____ Tested By: Jerry Wade
SO No: _____ Temperature: +25°C
Model No: GMPA-8217-7 Date: 06/07/2018
Serial No: PL22871/1823 Drawing No: ETD000034 Rev: B1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	8.5 GHz to 17.5 GHz	8.5 GHz to 17.5 GHz	PMI QA 1
2	Gain	6.0 dB MIN 9.0 dB MAX	7.2dB 8.69dB (See Plot)	
3	Small Signal Gain Over Frequency And Temperature	6.0 dB MIN 9.0 dB MAX @ -54°C, +25°C, +85°C	6.70dB 8.87dB (See Plot)	
4	Gain Flatness	±1.0 dB @ 25°C	0.745dB (See Plot)	
5	P.1 dB @ 25°C	+22 dBm MIN	23.20dBm	
6	VSWR Input / Output	2.0:1 MAX	1.89:1 (See Plot)	
7	Harmonic Suppression	-10 dBc MAX @ Input Level +19 dBm	16.83dBc	
8	Power Supply	+12 To +15.5 VDC @ 600 mA TYP 700 mA MAX	426mA	PMI QA 1

QA/QC Approval: _____

PMI
QA 1

Date: _____

6/12/18

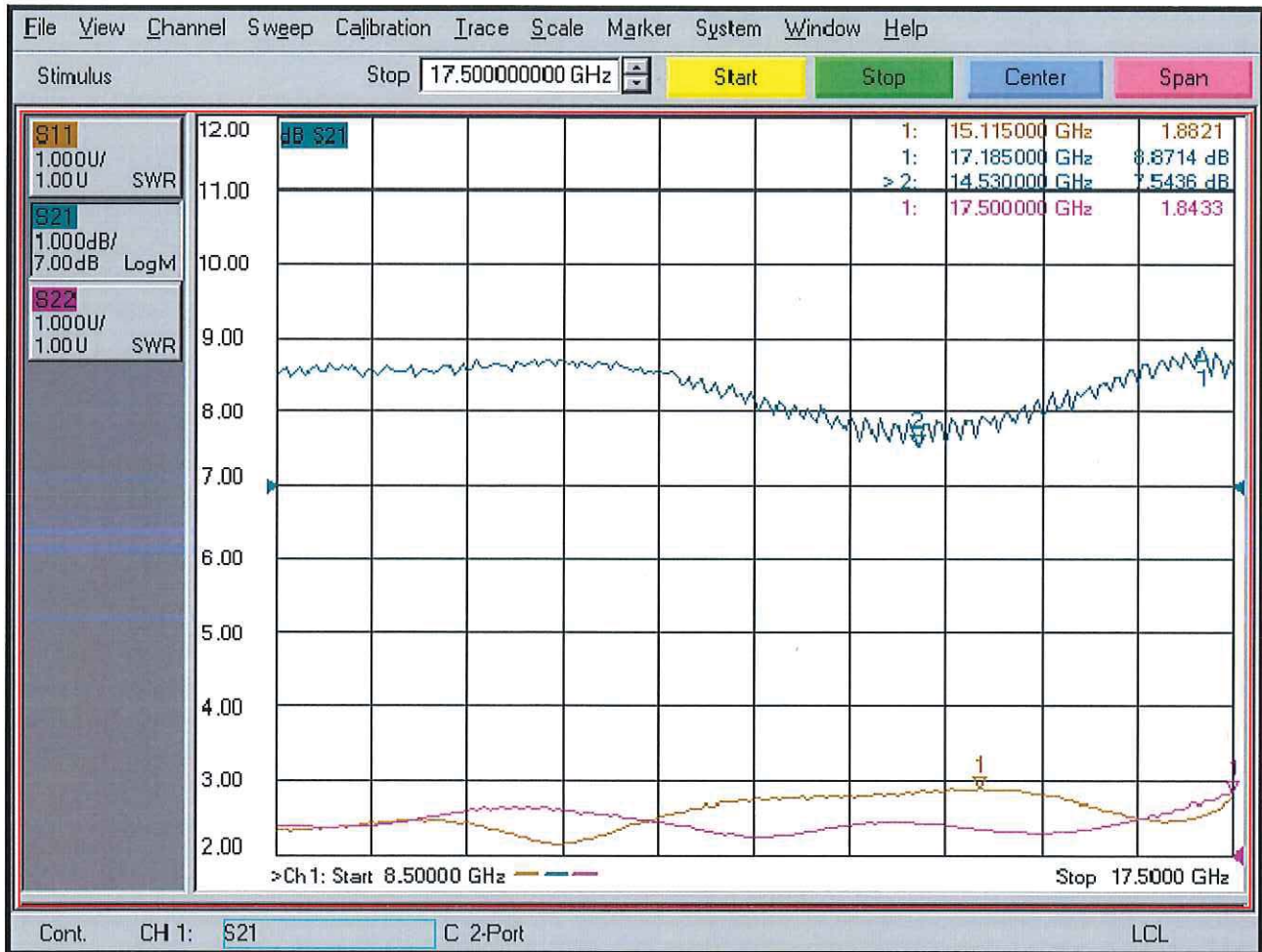
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



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Gain, Flatness, and VSWR @ -54°C

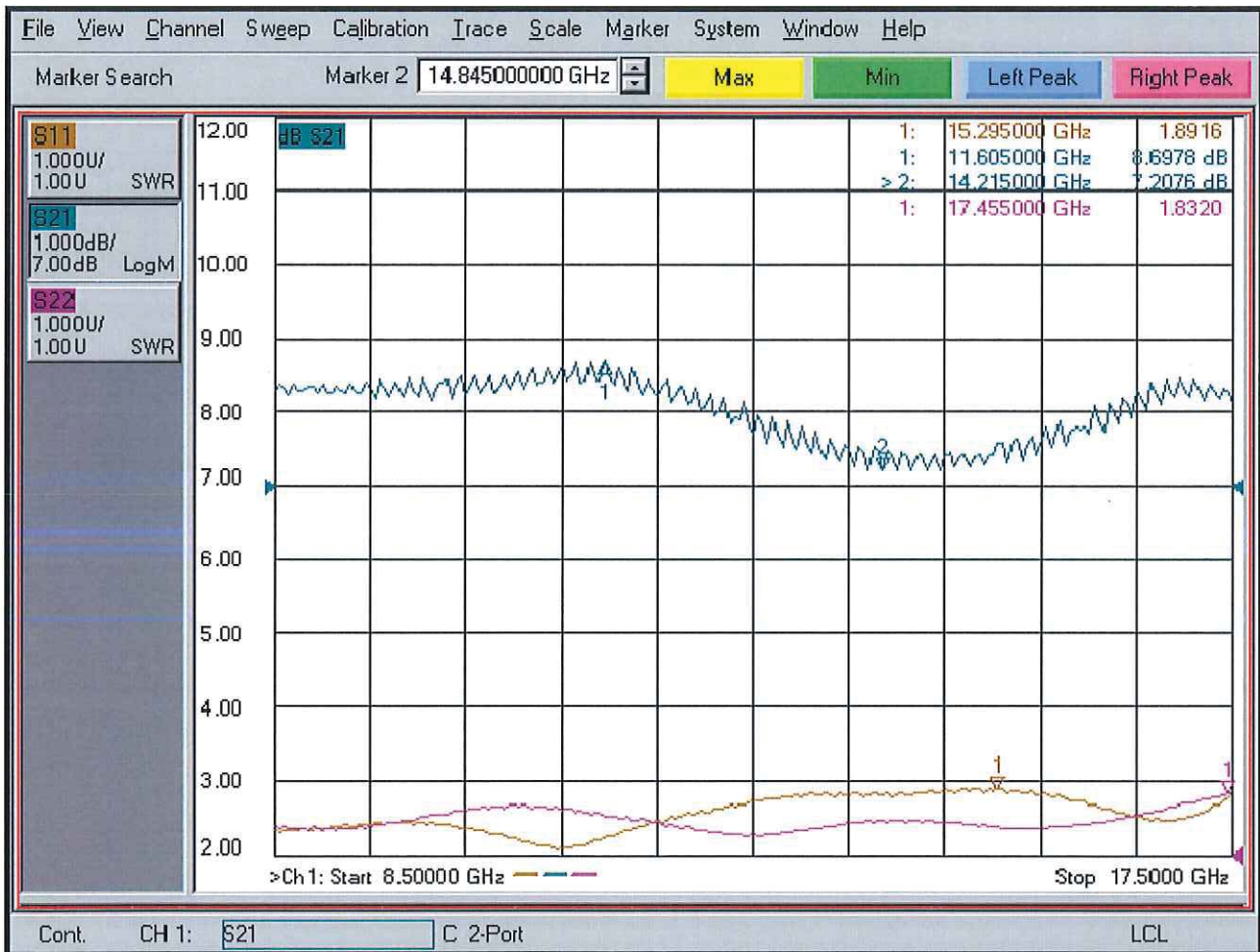




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Gain, Flatness, and VSWR @ +25°C

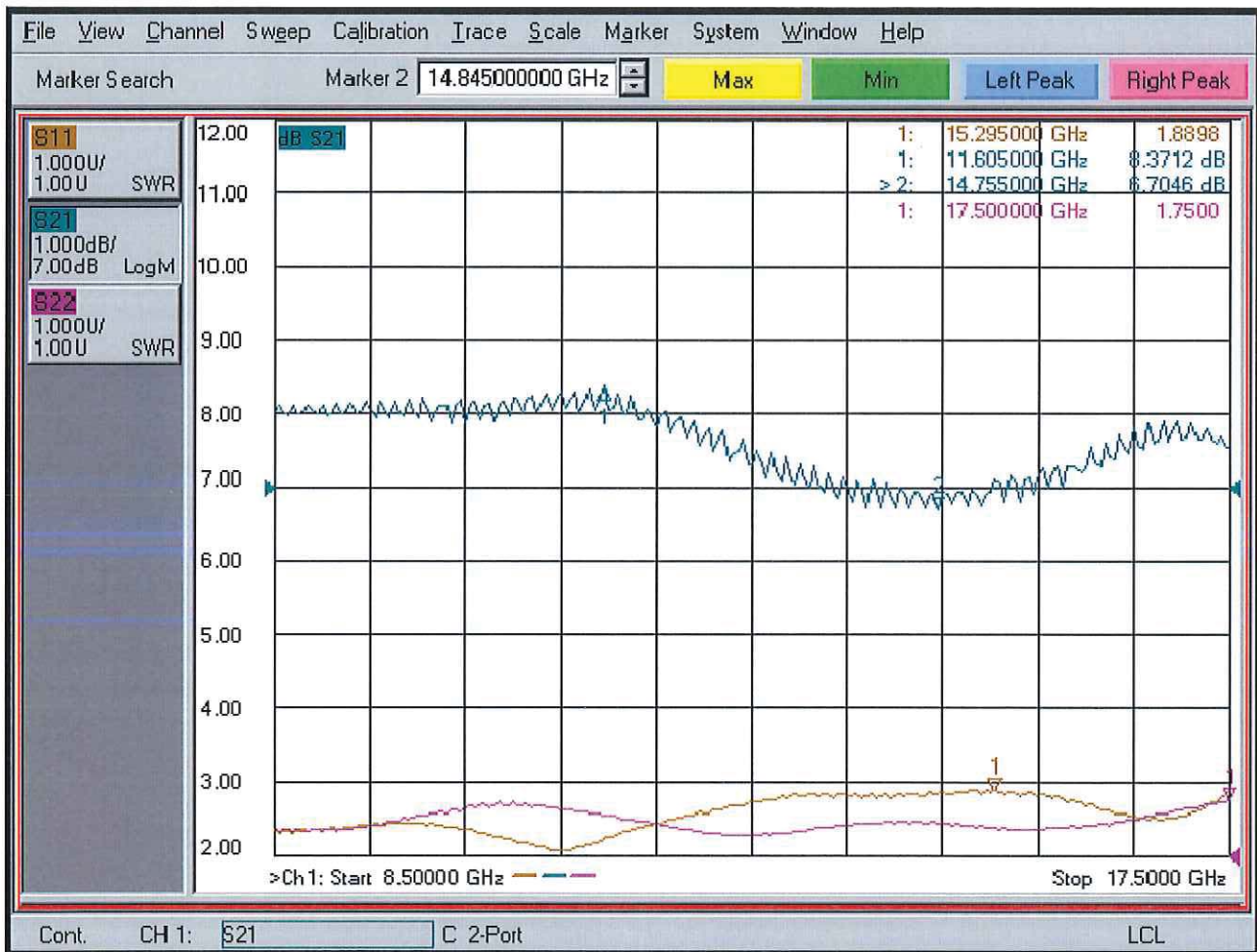




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Gain, Flatness, and VSWR @ +85°C

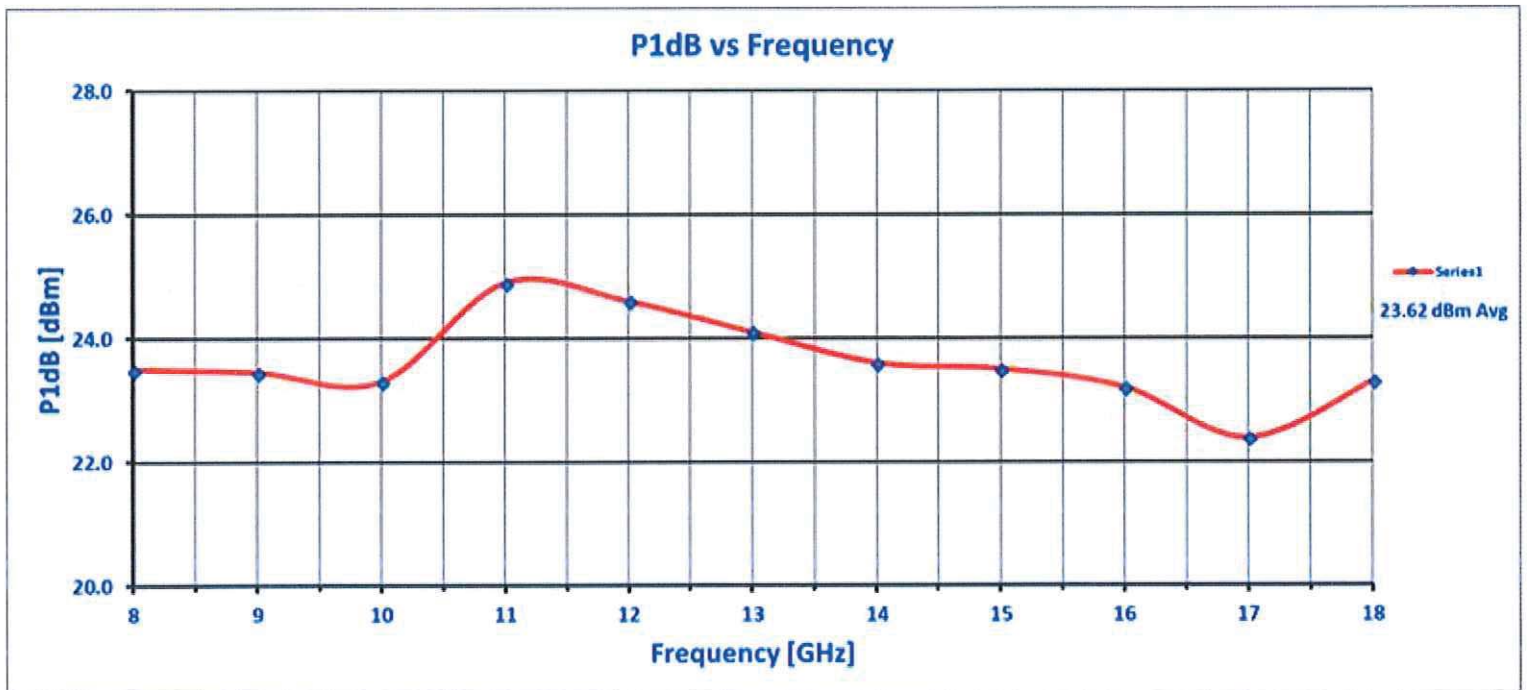




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P-1dB @ +25°C





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Harmonic Suppression @ +19 dBm Input

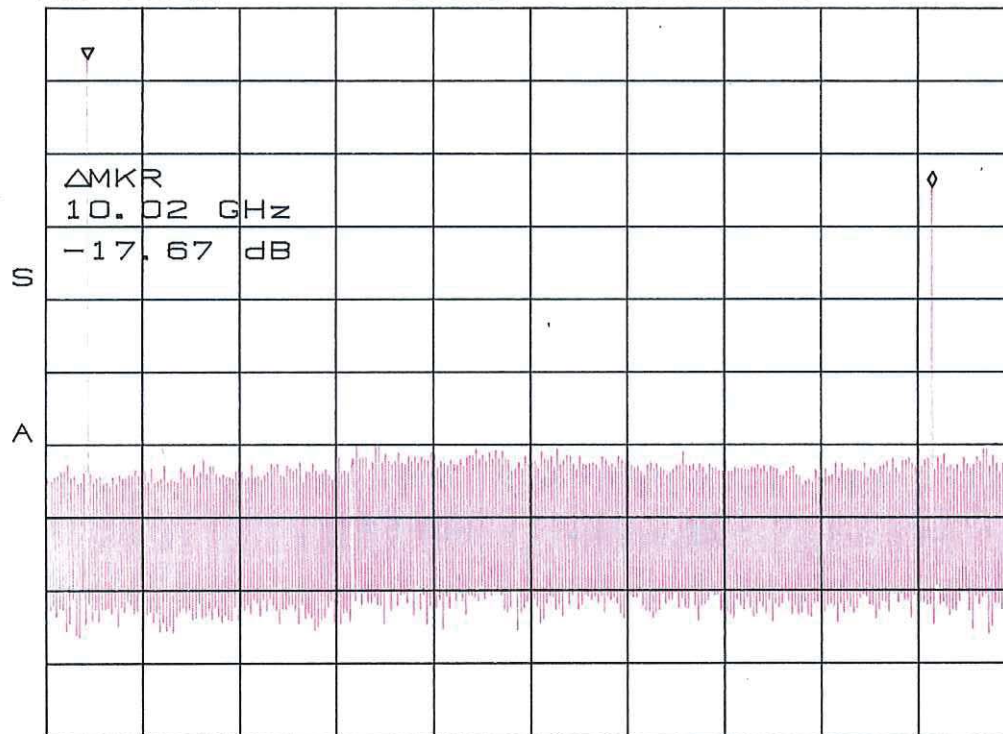
ATTEN 10dB

Δ MKR -17.67dB

RL 0dBm

10dB/

10.02GHz



START 9.50GHz

STOP 21.00GHz

RBW 1.0MHz

VBW 1.0MHz

SWP 230ms