



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

PL22871/1823

Customer: \_\_\_\_\_ Tested By: Jerry Wade  
SO No: \_\_\_\_\_ Temperature: +25°C Unless Otherwise Specified  
Model No: GMPA-8217-7 Date: 01/04/2019  
Serial No: PL22871/1823 Drawing No: ETD000034 Rev: C1

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 QA1	
2	Gain	6.0 dB MIN 9.0 dB MAX	7.18dB 8.26dB		
3	Small Signal Gain Over Frequency And Temperature	6.0 dB MIN 9.0 dB MAX @ -54°C, +25°C, +85°C	7.00dB 8.77dB		
4	Noise Output	-85dBm / MHz Max. <small>No = -114dBm + NF + Gain</small> @ -54°C, +25°C, +85°C	-94.3dBm PASS		
5	Gain Flatness	±1.0 dB @ 25°C	±0.540dB		
6	P.1 dB @ 25°C	+22 dBm MIN	23.0dBm		
7	VSWR Input / Output	2.0:1 MAX	1.86:1 / 1.81:1		
8	Harmonic Suppression	-10 dBc MAX @ Input Level +19 dBm	24.3dBc		
9	Power Supply	+12 To +15.5 VDC @ 600 mA TYP 700 mA MAX	427mA		PMI QA1

QA/QC Approval:  Date: 1/4/19

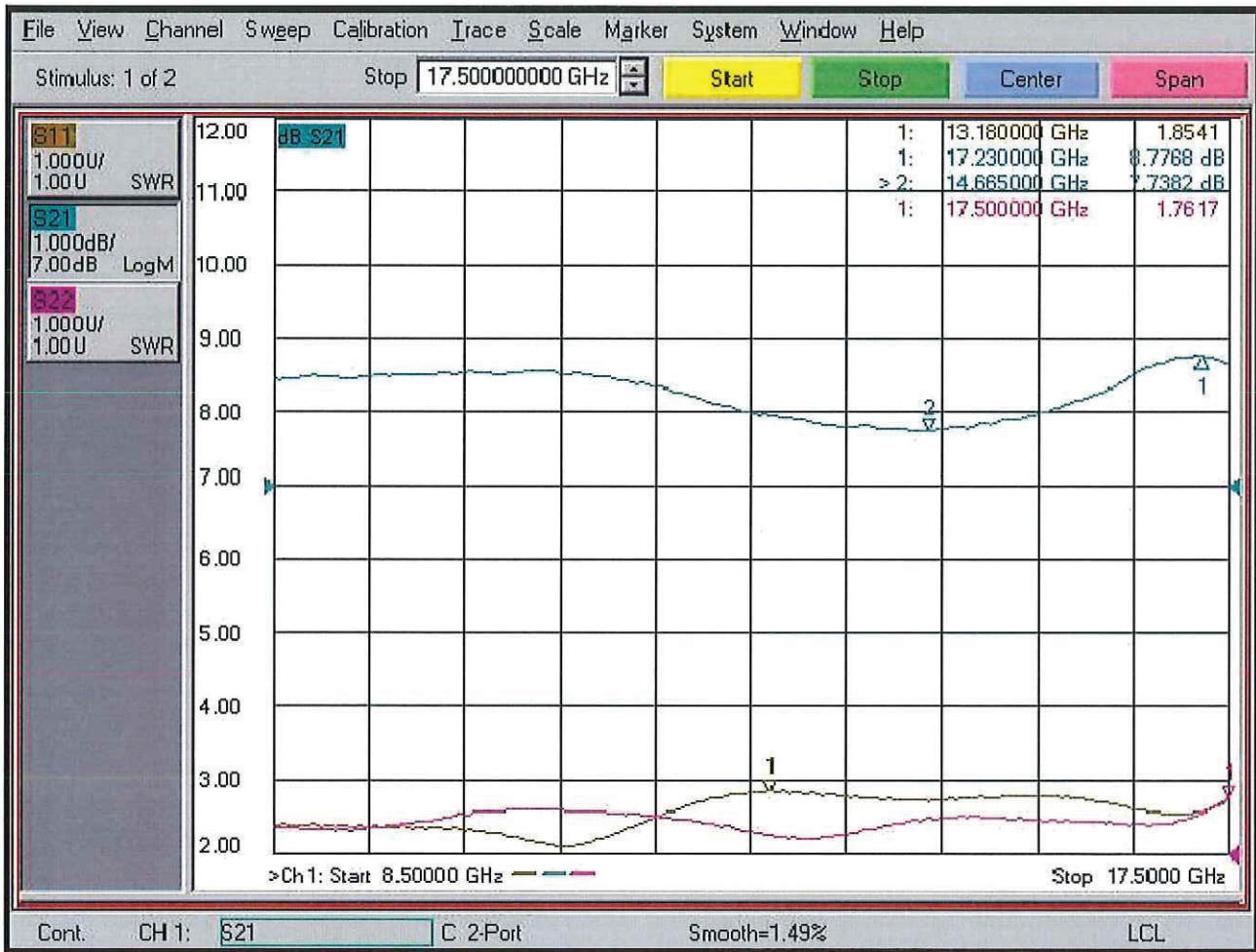
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**Gain, Flatness, and VSWR @ -54°C**

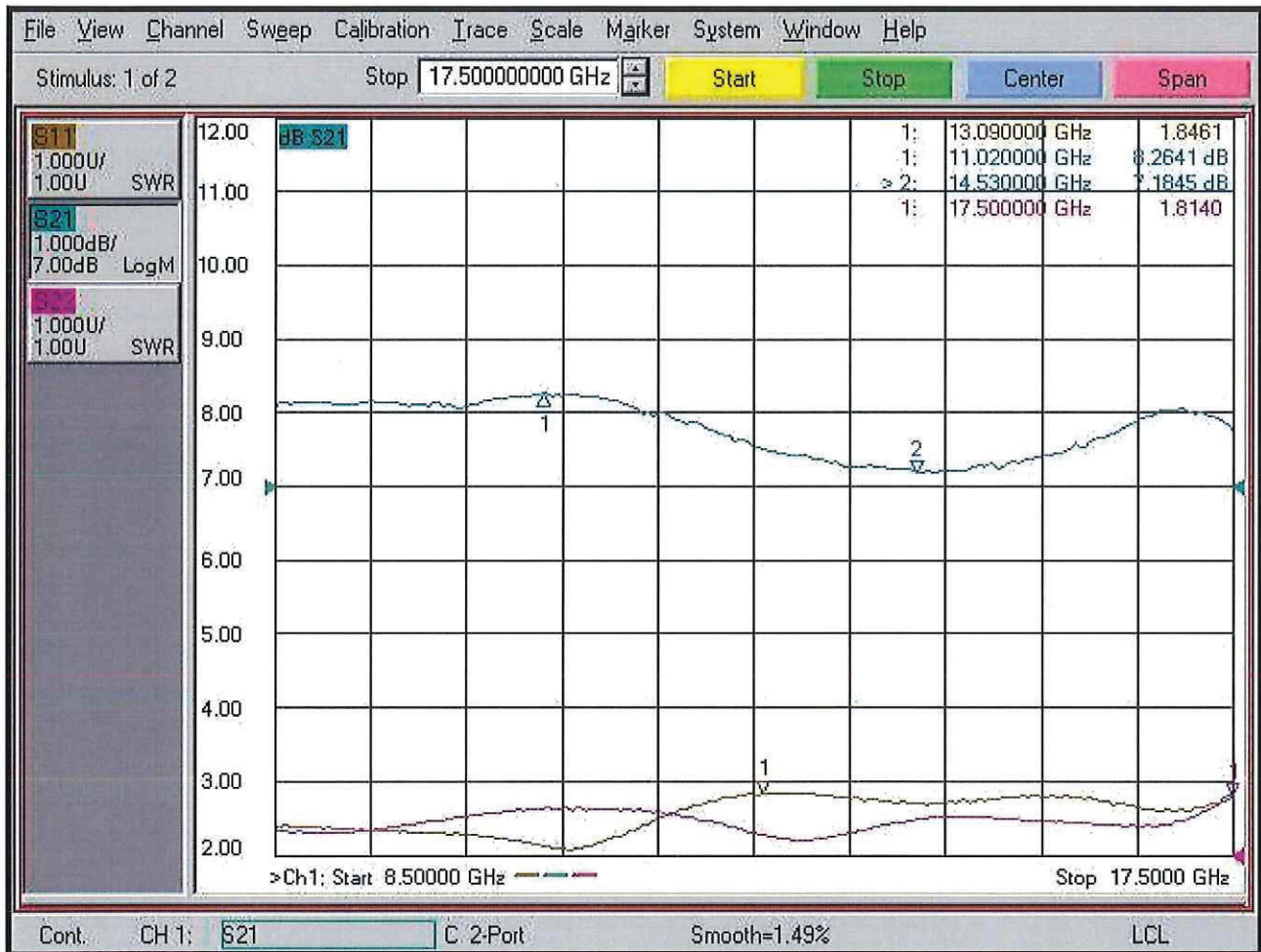




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**Gain, Flatness, and VSWR @ +25°C**

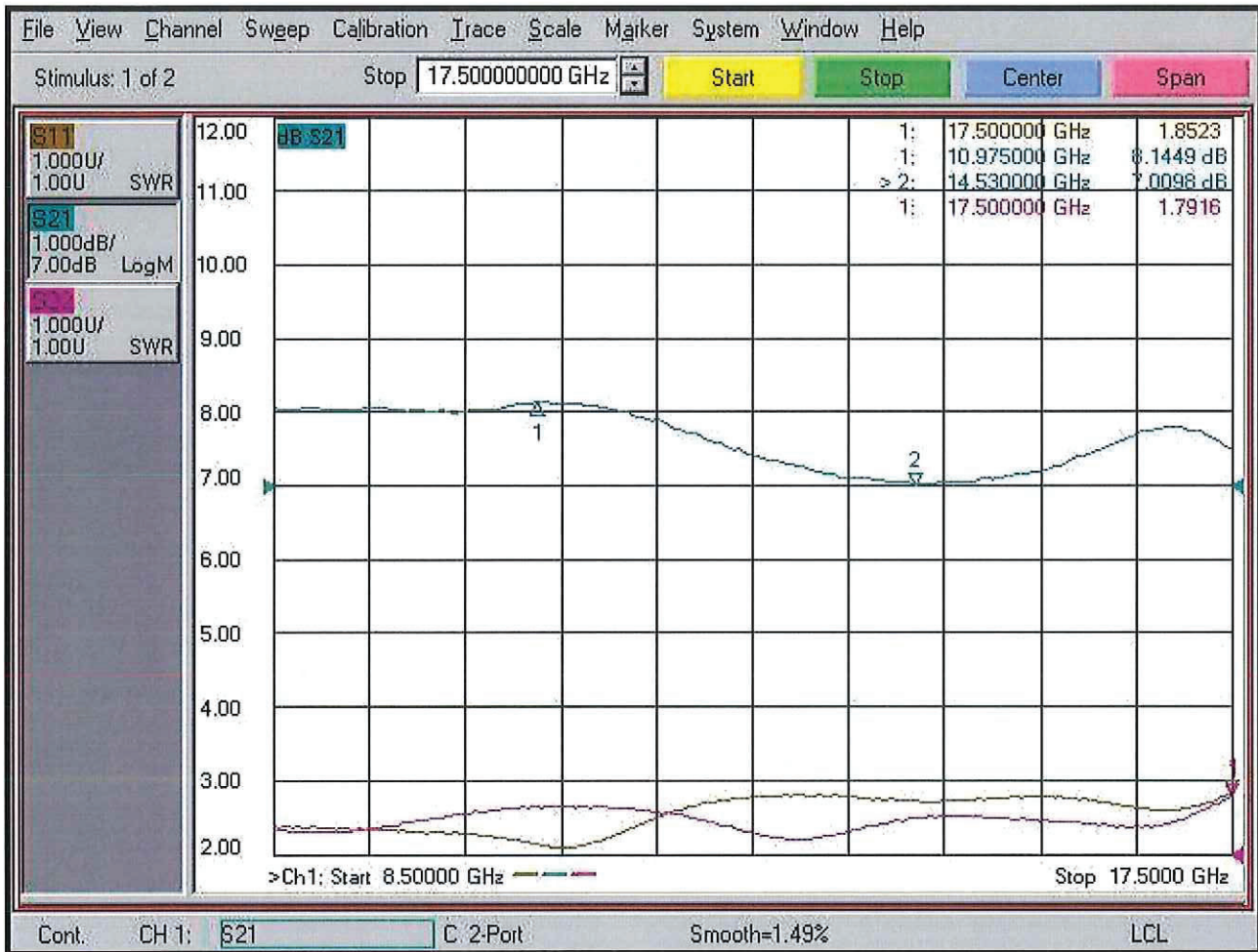




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**Gain, Flatness, and VSWR @ +85°C**





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**P-1dB @ +25°C**

