



**SUMMARY TEST DATA  
ON  
PE2-19-6G18G-1R6-16-12-SFF**

PL29595/2029

Customer:	Tested By: <u>JERRY WADE</u>
SO No:	Temperature: <u>+25°C</u>
Model No: <u>PE2-19-6G18G-1R6-16-12-SFF</u>	Date: <u>07-14-20</u>
Serial No: <u>PL29595/2029</u>	Drawing No: <u>27631820</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	6.0 to 18.0 GHZ	6.0 to 18.0 GHZ See Plot	PMI QA3	
2	Gain:	19 dB Typ. 17dB Min.	18.3dB Min. See Plot	↓	
3	Noise Figure:	2.0dB Typ. 2.5dB Max.	2.1dB Max.		
4	VSWR Input/output	2.0:1 Max.	1.78:1 / 1.88:1		
5	OP1dB:	13 dBm Min.	14.5 dBm Min. See Plot		
6	SATURATED OUTPUT POWER	18 dBm Typ.	18.4dBm See Plot		
7	IP3	23 dBm Min.	26.9dBm See Plot		
8	DC Supply	+12 TO +15 VDC @ 100 mA Max	+12V DC @ 92mA		PMI QA3

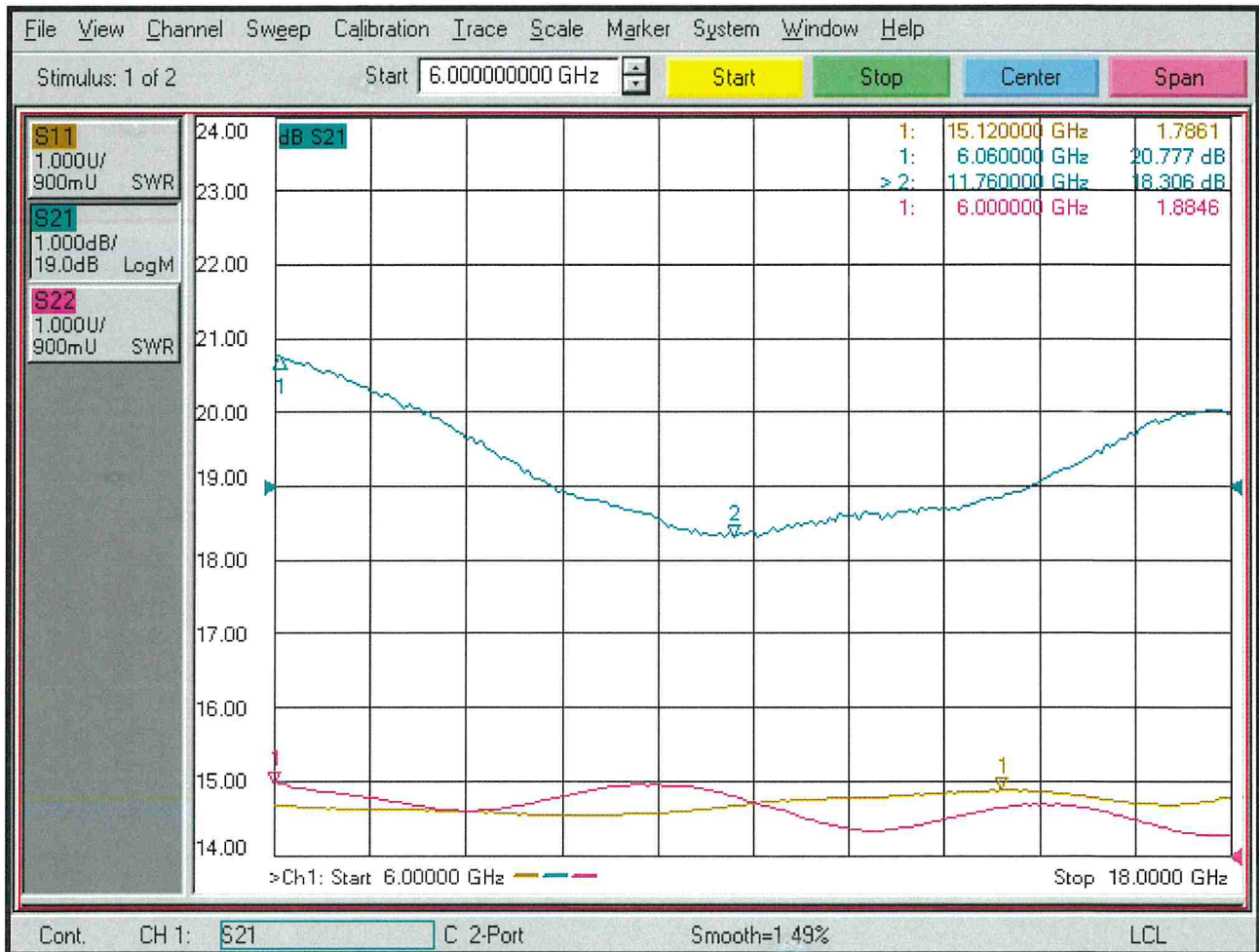
QA/QC Approval: Arthur Zimmerman Date: 7-28-2020



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**GAIN & VSWR**

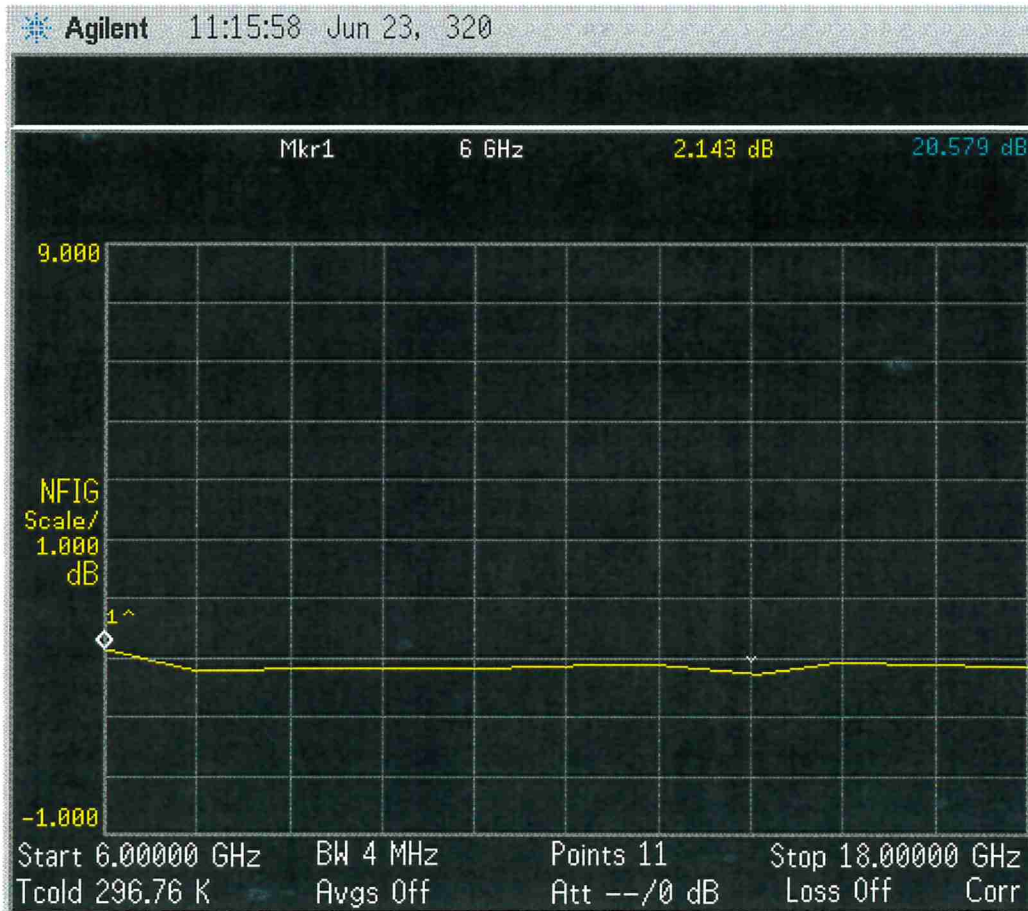




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NOISE FIGURE



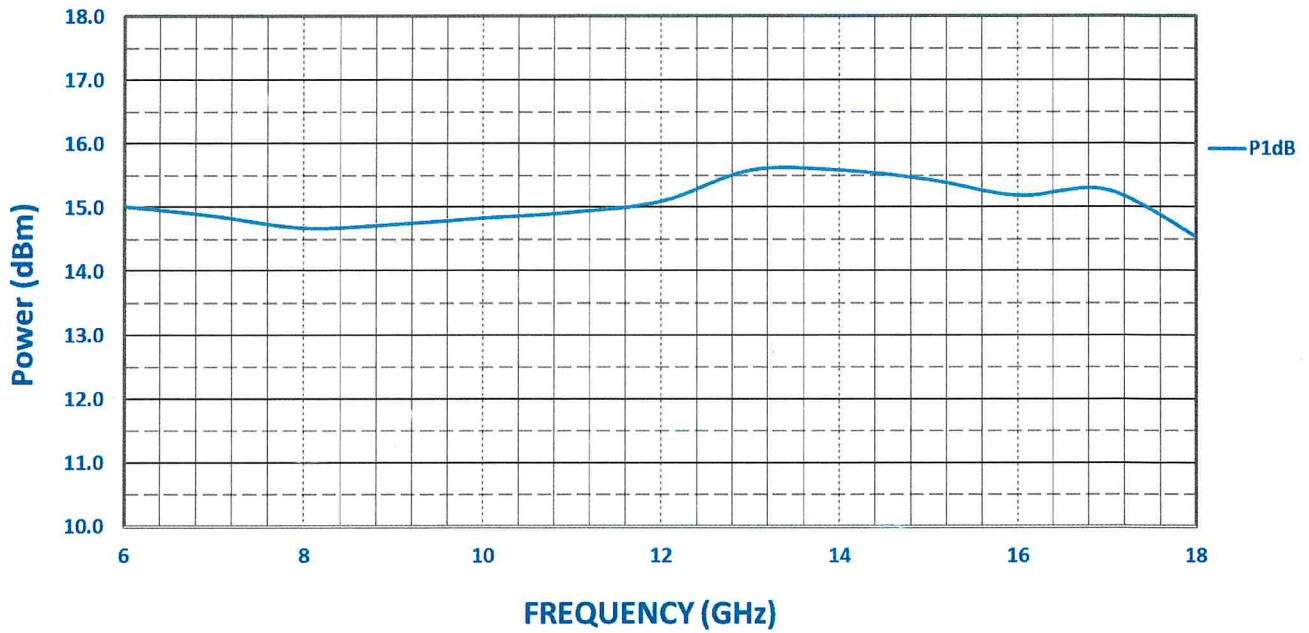


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**P-1dB**

**P1dB Vs Frequency**



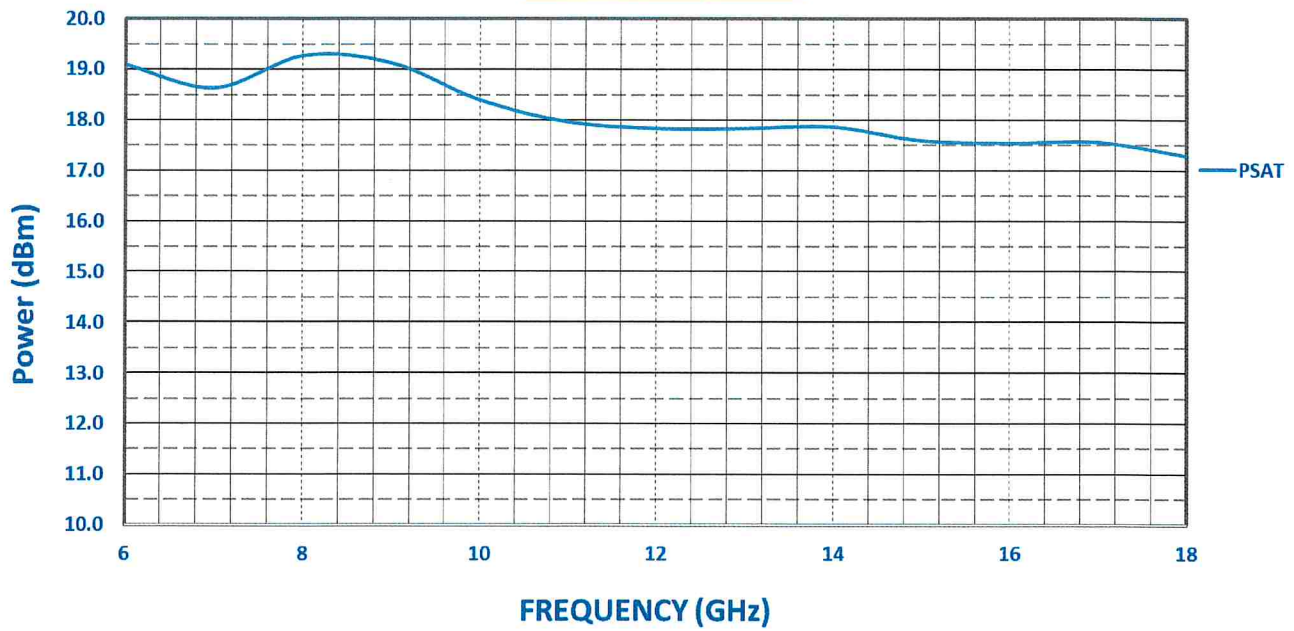


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PSAT

PSAT Vs Frequency





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IP3

