



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

PL30650/2046

Customer: _____ Tested By: JERRY WADE
SO No: _____ Temperature: +25°C
Model No: PE2-19-6G18G-1R6-16-12-SFF Date: 11/10/2020
Serial No: PL30650/2046 Drawing No: 27631820 Rev: A1

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.	18.0 dB MIN. See Plot		
3	Noise Figure:	2.0dB Typ. 2.5dB Max.	2.38 dB Max.		
4	VSWR (S11) Input	2.0:1 Max.	1.85:1		
5	VSWR (S22) Output	2.0:1 Max.	1.96:1		
6	OP1dB:	13 dBm Min.	14.33 dBm Min. See Plot		
7	Third Order Intercept (IP3)	23 dBm Min.	26.1 dBm See Plot		
8	DC Supply Current	+12 TO +15 VDC @ 100 mA Max	100mA		PMI QA3

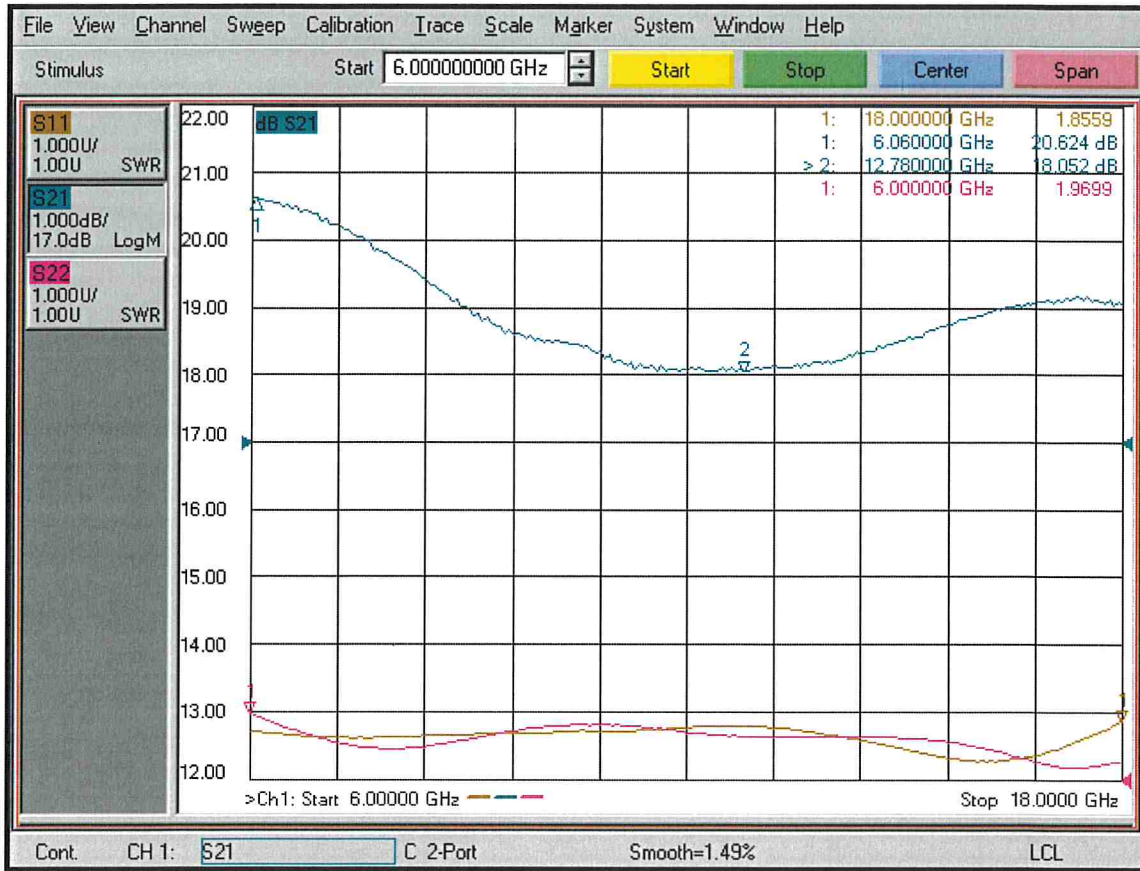
QA/QC Approval: *A Zimmerman* Date: 11-17-2020



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GAIN & VSWR

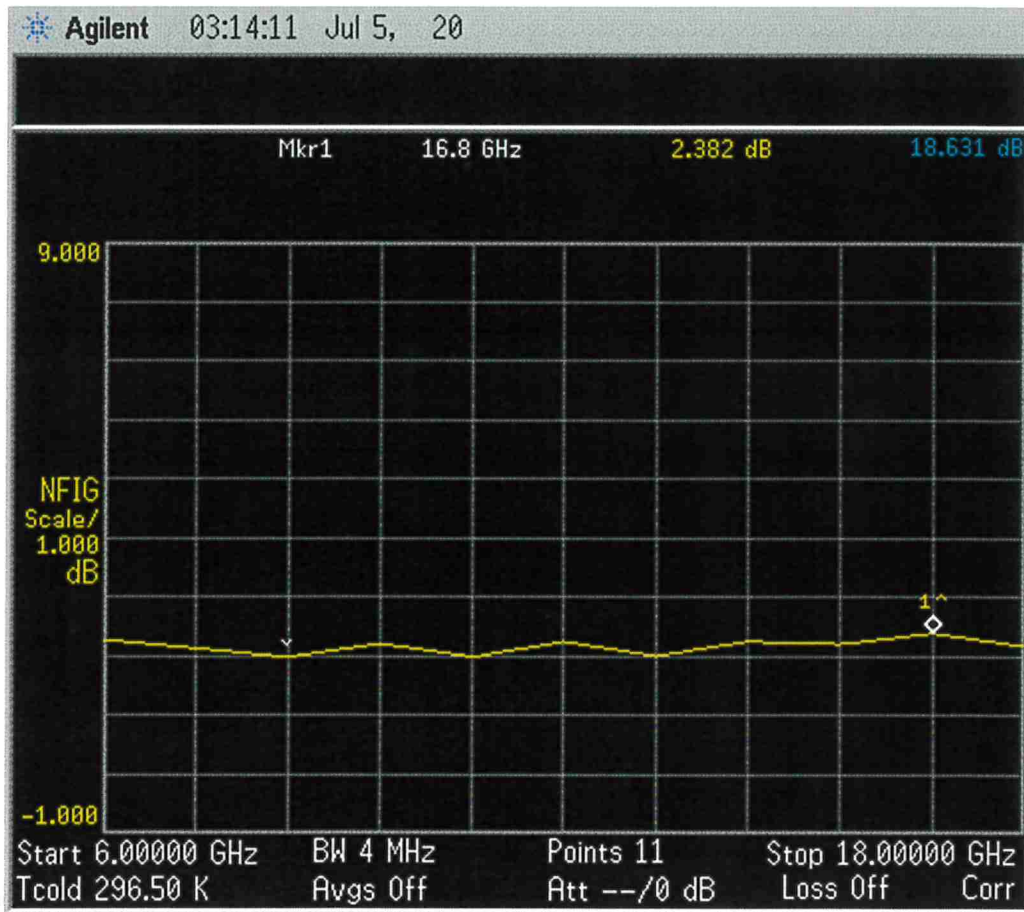




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NOISE FIGURE

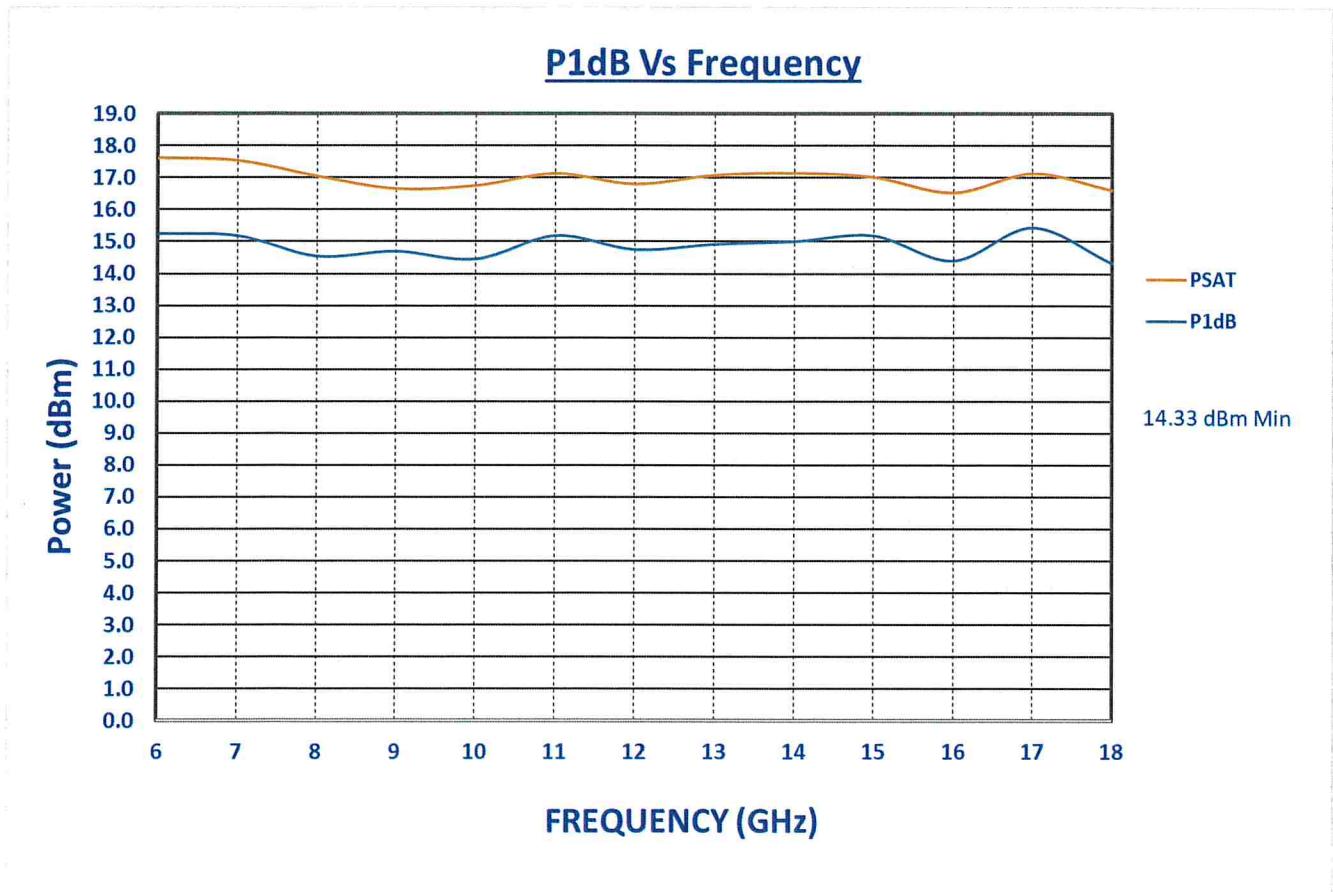




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1 dB COMPRESSION (P-1dB)

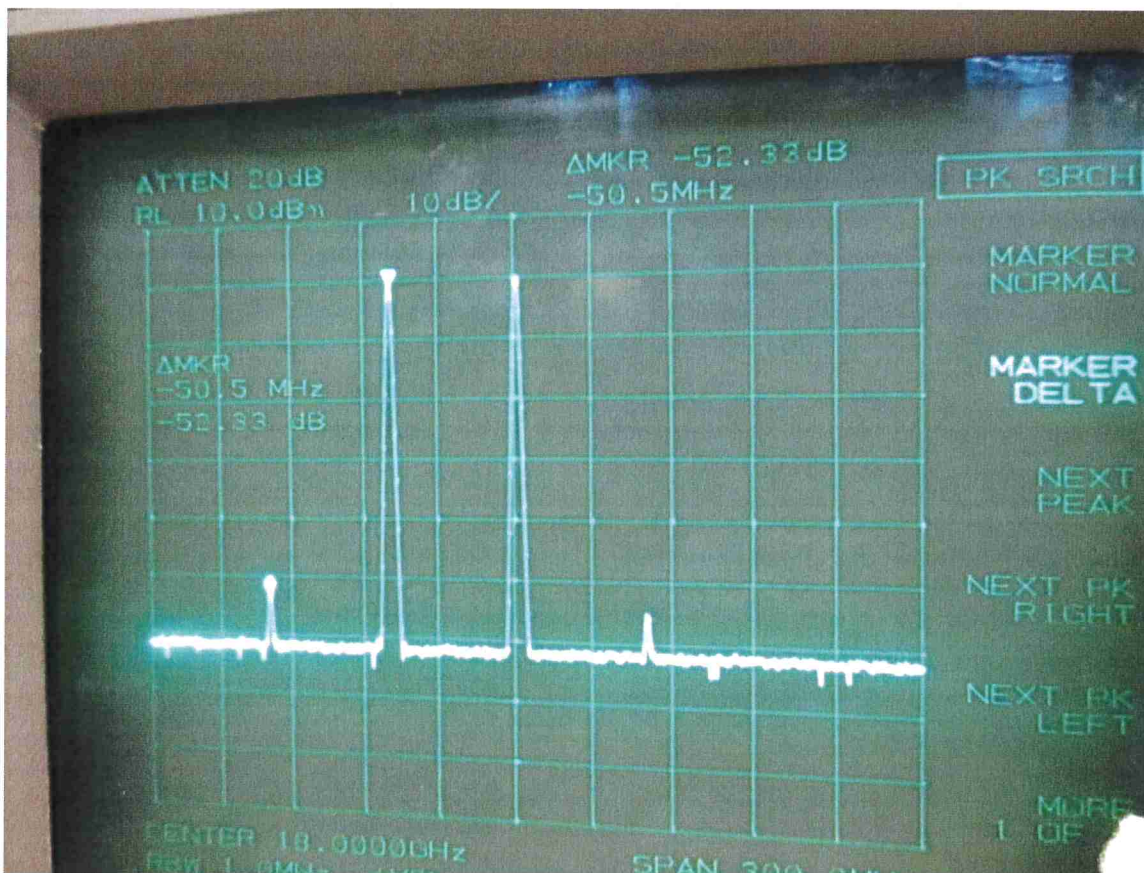




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IP3



(26.1 dBm)