



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

PL30655/2046

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: PL30655/2046 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.	2.30 dB Max.	
4	VSWR (S11) Input	2.0:1 Max.	1.95:1	
5	VSWR (S22) Output	2.0:1 Max.	1.97:1	
6	OP1dB:	13 dBm Min.	14.45 dBm Min. See Plot	
7	Third Order Intercept (IP3)	23 dBm Min.	26.9 dBm See Plot	
8	DC Supply Current	+12 TO +15 VDC @ 100 mA Max	98mA	PMI QA3

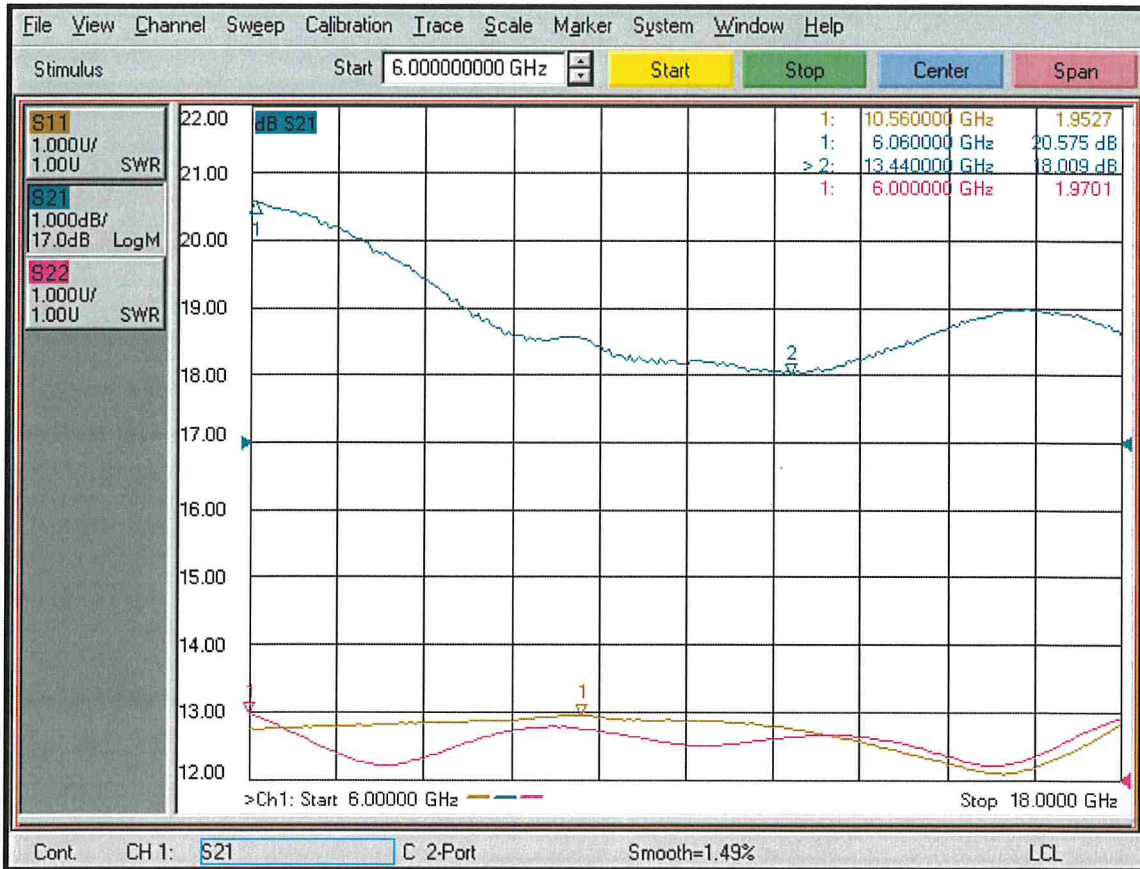
QA/QC Approval: Arthur Zimmerman Date: 11-17-2020



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

PL30655/2046

GAIN & VSWR

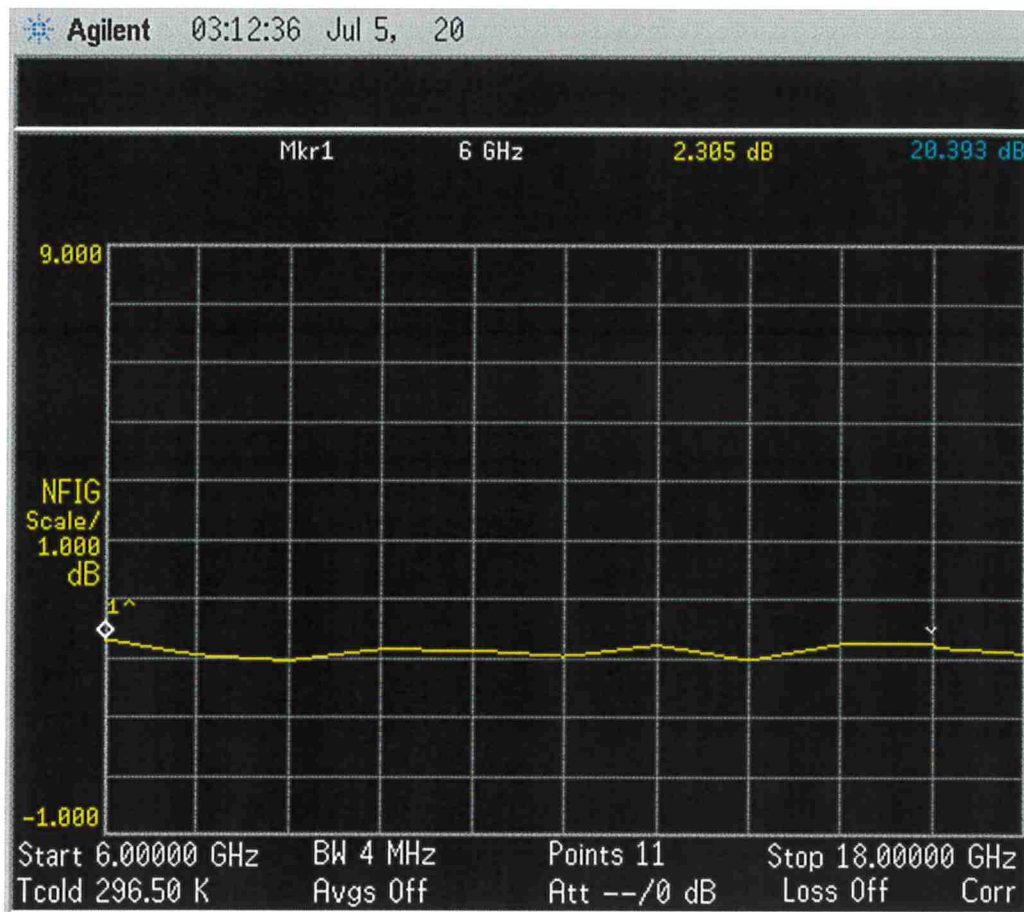




**SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF**

PL30655/2046

NOISE FIGURE

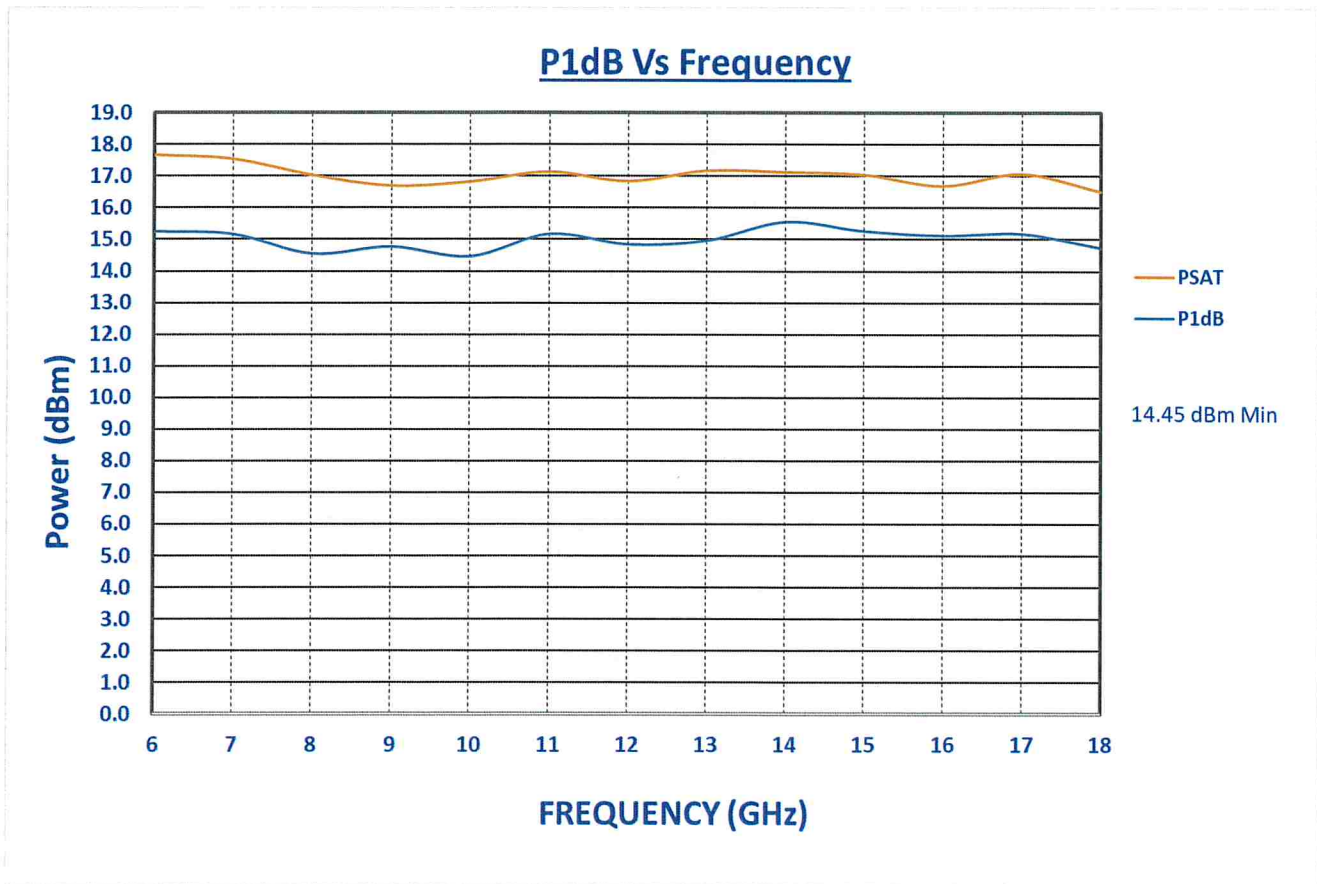




**SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF**

PL30655/2046

1 dB COMPRESSION (P-1dB)

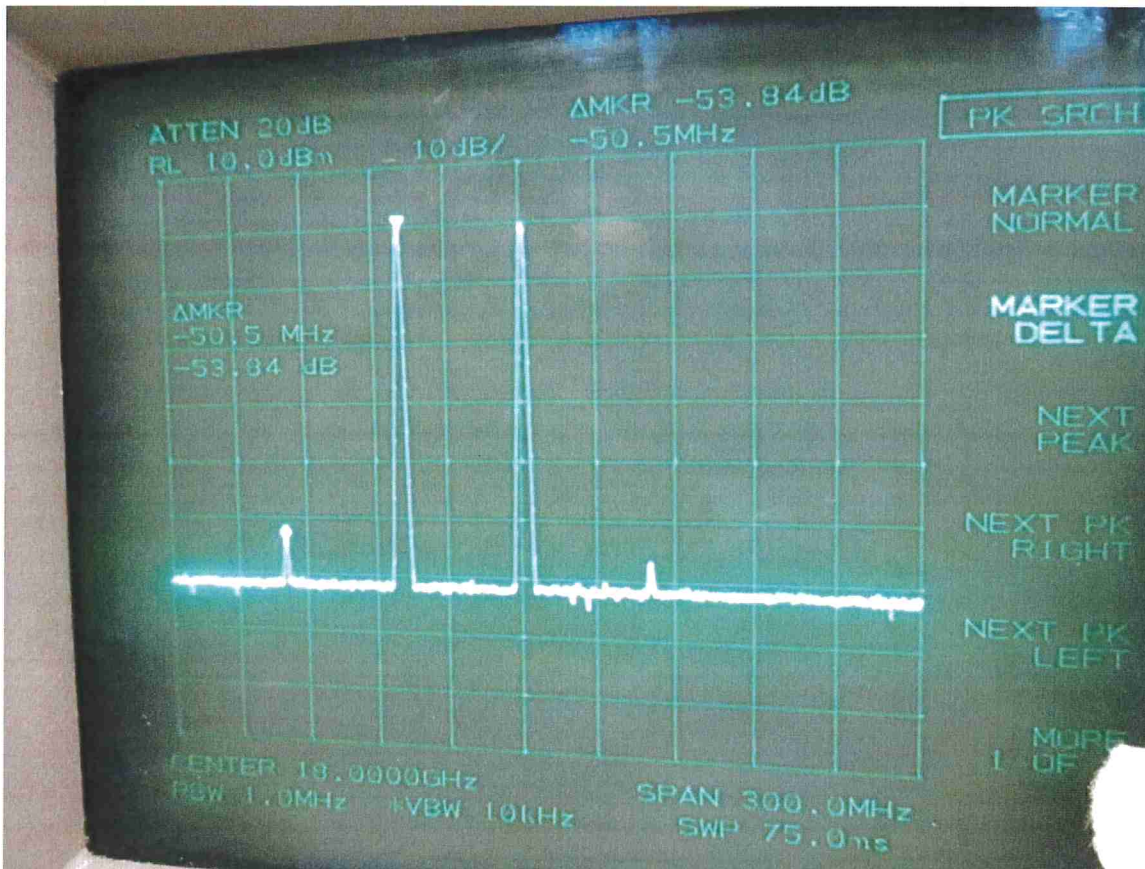




SUMMARY TEST DATA
ON
PE2-19-6G18G-1R6-16-12-SFF

PL30655/2046

IP3



(26.9 dBm)