SUMMARY TEST DATA
ON
PLNA-44-16K18G-SFF

Customer: _____ **Tested By:** Alfredo Lopez
SO No: _____ **Temperature:** +25°C
Model No: PLNA-44-16K18G-SFF **Date:** 5/21/2025
Serial No: Unit Demo **Drawing No:** _____ **REV:** A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results +25°C	QA QC
1	Frequency Range:	4 KHz to 18 GHz	**4 KHz to 18 GHz**	
2	Gain:	36 dB Min.	**+ 43.26 dB Max.** **+ 38.23 dB Min.** **See Graph**	
3	Gain Flatness:	±2.5 dB Typ.	**±2.51 dB** **See Graph**	
4	Noise Figure:	3.5 dB Typ.	**7.37 dB** **(10 MHz to 0.5 GHz)** **3.87 dB** **(0.5 to 18 GHz)** **See Graph**	
5	OP1dB:	+12 dBm Min	**+ 12.88 dBm** **See Graph**	
6	Psat:	+16 dBm Typ.	**+ 14.89 dBm** **See Graph**	
7	Input Power Handling:	+20 dBm Max.	**Pass**	
8	VSWR: (Input/Output)	2.4:1 Max. (Input) 2.5:1 Max. (Output)	**2.18 :1 (In)** **2.31 :1 (Out)** **See Graph**	
9	DC Supply:	+5 VDC @ 200 mA Max.	**+5 VDC @ 155 mA**	

QA/QC Approval: _____ **Date:** _____

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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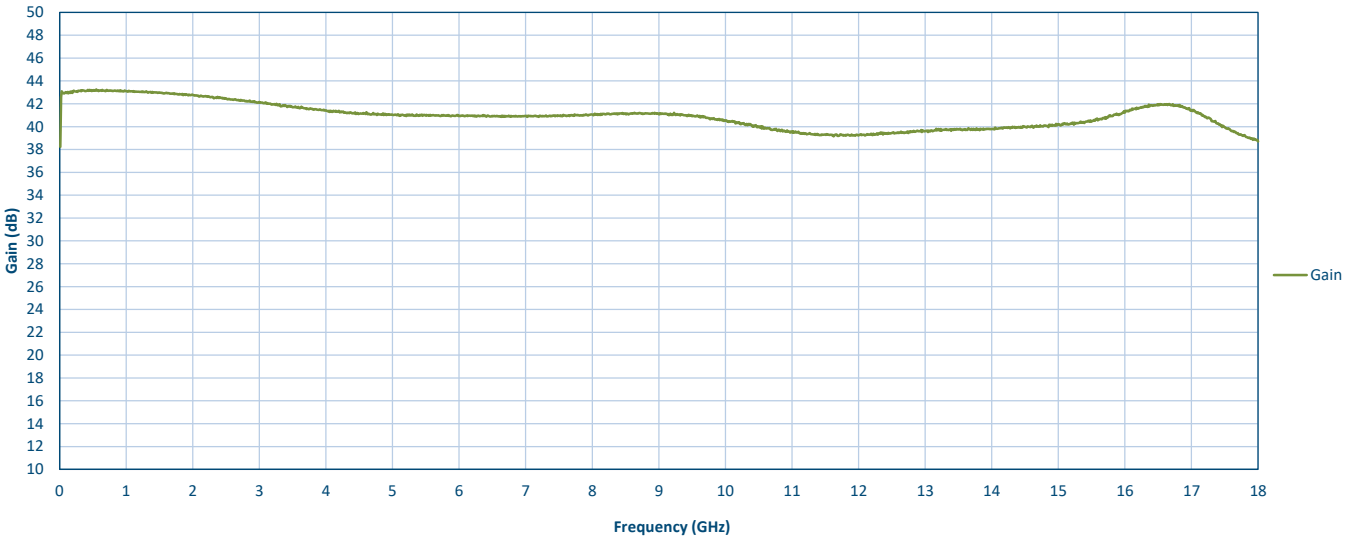

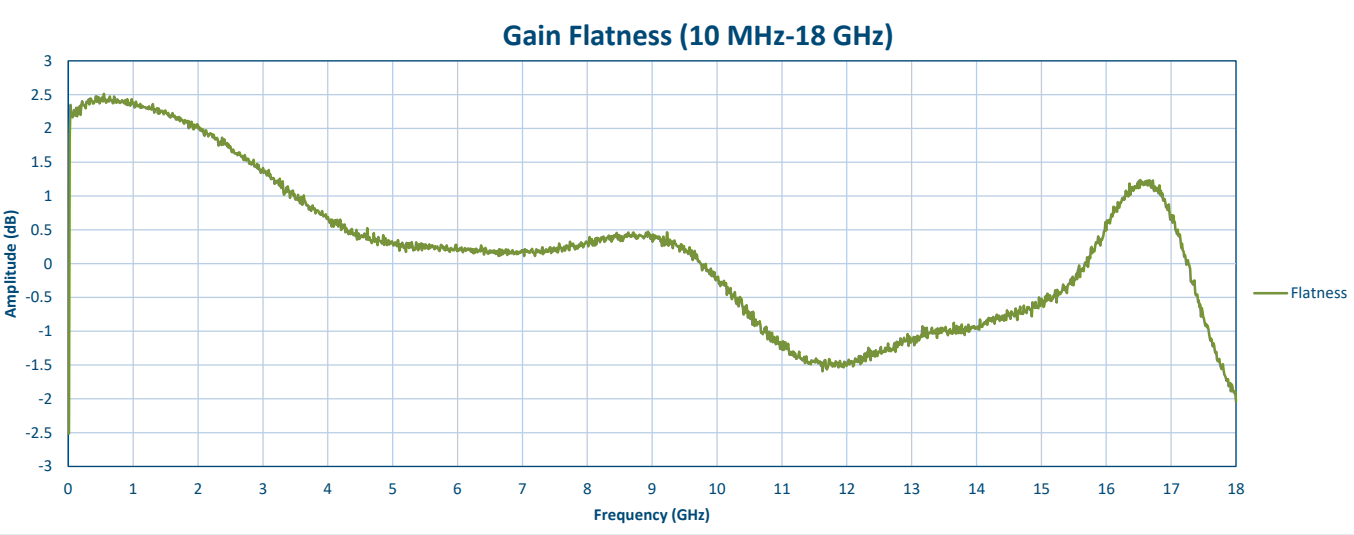

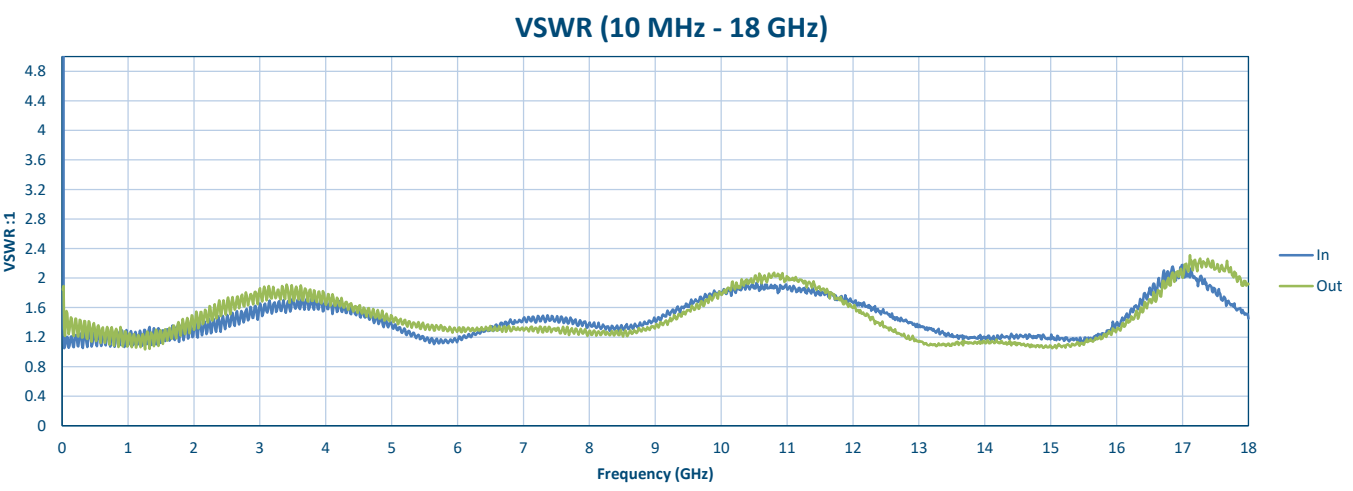

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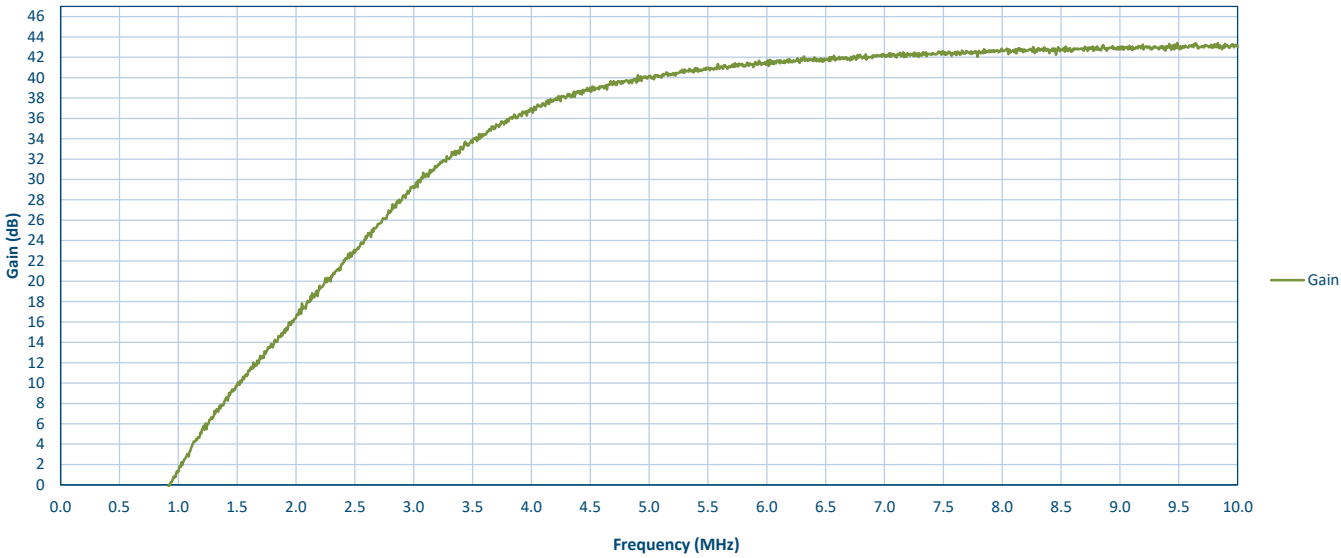

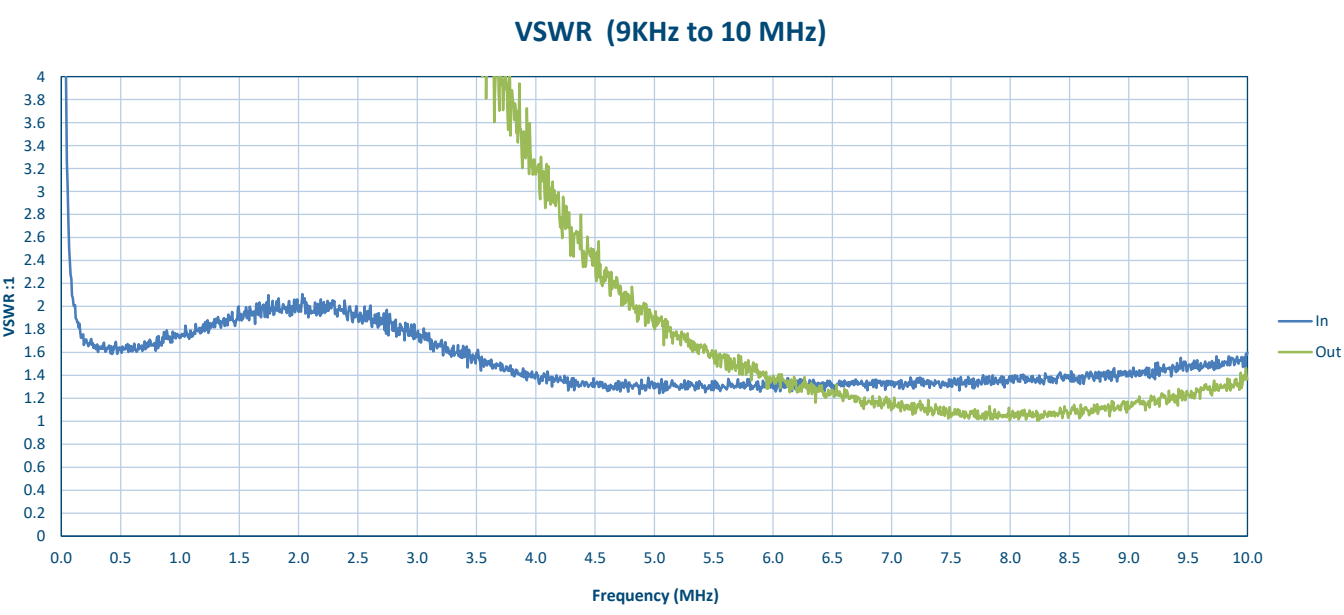

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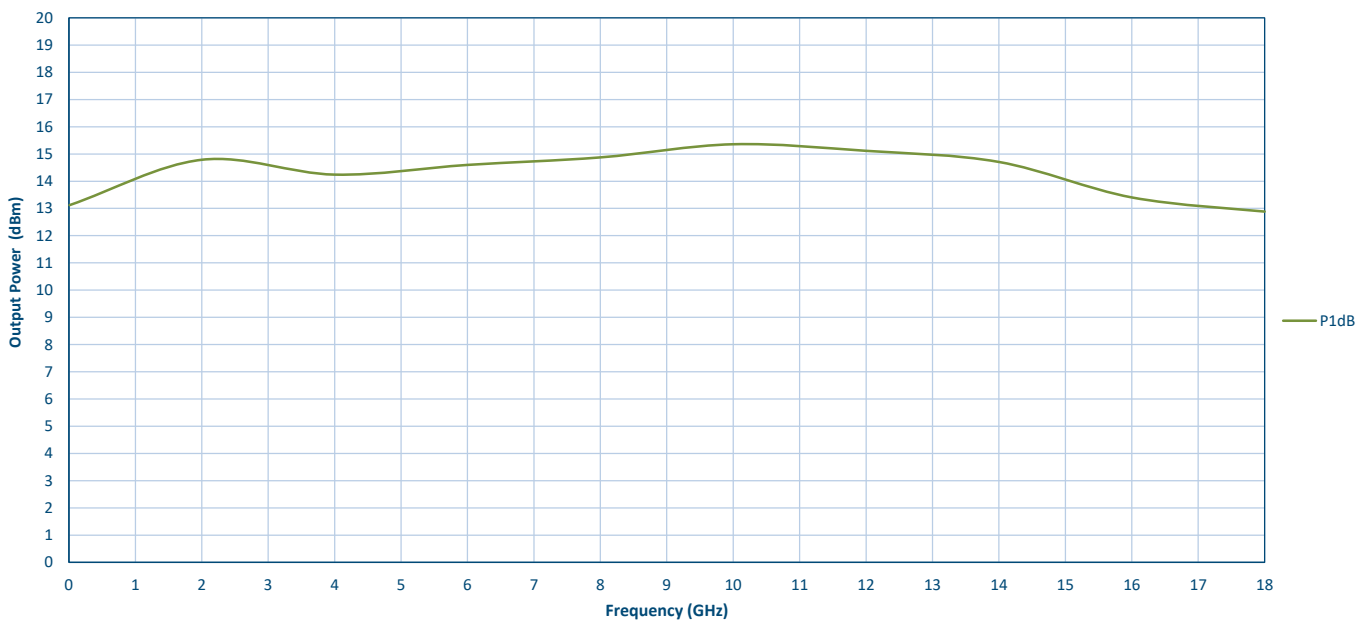
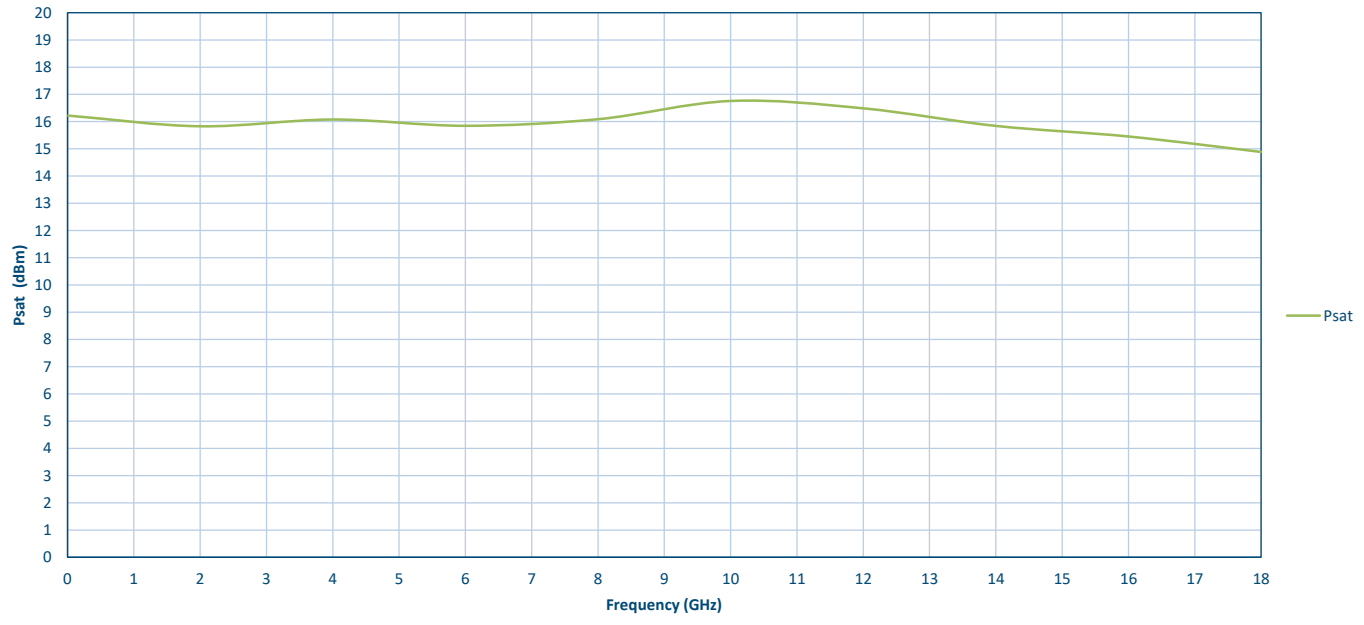
OP1dB (10 MHz to 18 GHz)



PSAT (10 MHz to 18 GHz)



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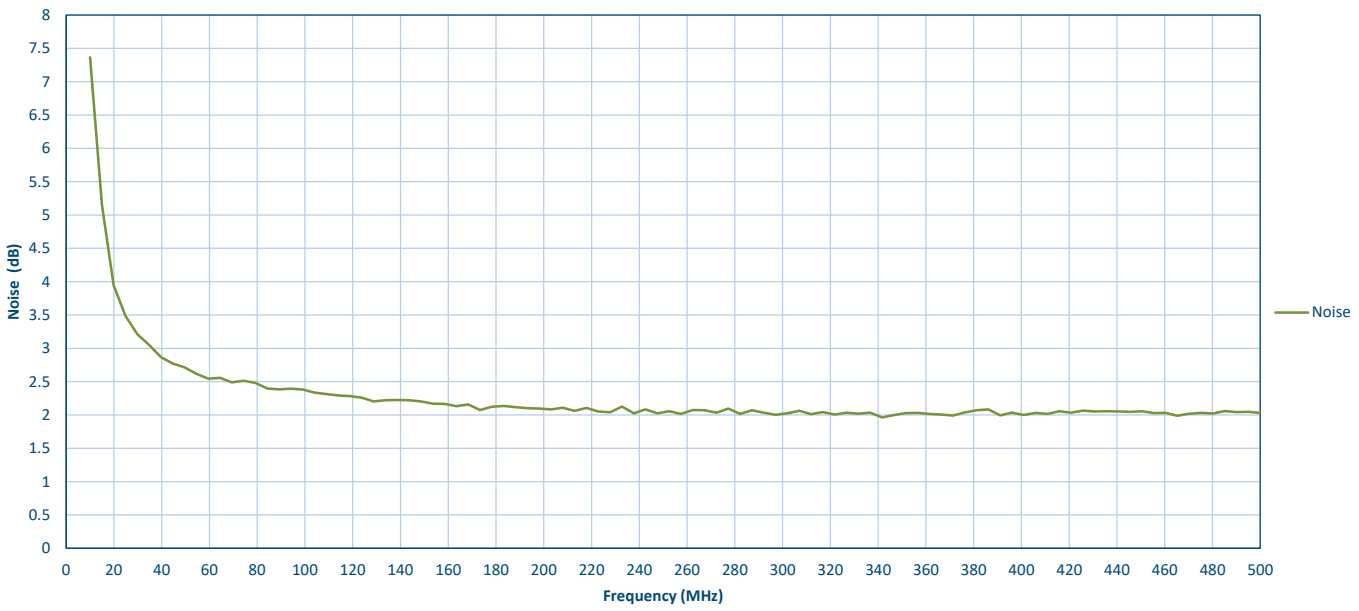
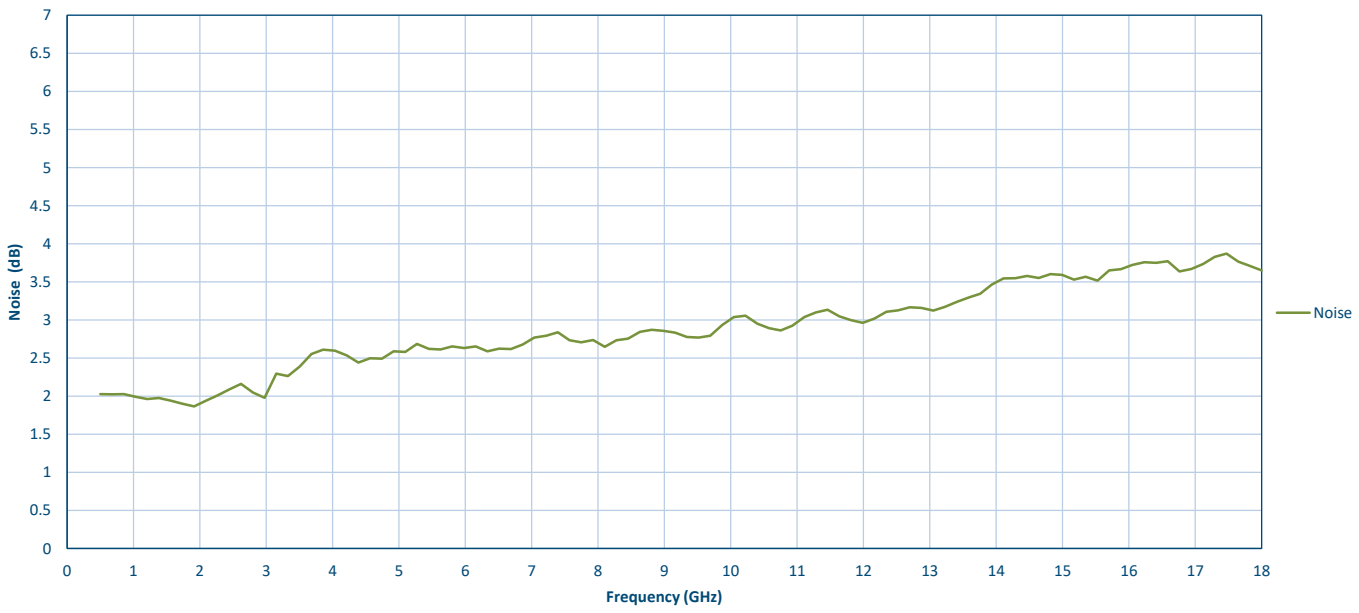
Noise Figure (10 MHz to 0.5 GHz)



Noise Figure (0.5 to 18 GHz)



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