Quantic PMI

TYPICAL CHARACTERISTICS ON PEC-30-500M40G-20-12-292FF

Customer:
SO No:
Model No: PEC-30-500M40G-20-12-292FF
Serial No: PL63299/2644

Tested By: Anuar P.
Temperature: +25°C
Date: 10/26/2026
Drawing No: 27632862 REV: C1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results +25°C	QA QC
1	Frequency Range:	0.5 - 40 GHz	0.5 - 40 GHz	PMI QA6
2	Gain:	30 dB Typ.	+ 26.6 dB Max. + 22.96 dB Min. See Graph	
3	Gain Flatness:	±2.5 dB Typ.	1.82 dB See Graph	
4	Noise Figure:	5.5 dB Typ. Up to 20 GHz	4.53 dB (0.5 to 20 GHz)	
5	OP1dB:	+19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz)	+ 18.32 dBm + 16.7 dBm See Graph	
6	Psat:	+23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz)	+ 20.93 dBm + 18.76 dBm See Graph	
7	Input Power Handling:	+17 dBm CW Max.	Pass See Typical Characteristics	
8	VSWR: (Input/Output)	2.0:1 Max. (Input) 2.5:1 Max. (Output)	1.9 :1 (In) 2.01 :1 (Out) See Graph	
9	DC Supply:	+12 to +15 VDC @ 350 mA Nominal	+12 to +15 VDC @ 289 mA	PMI QA6

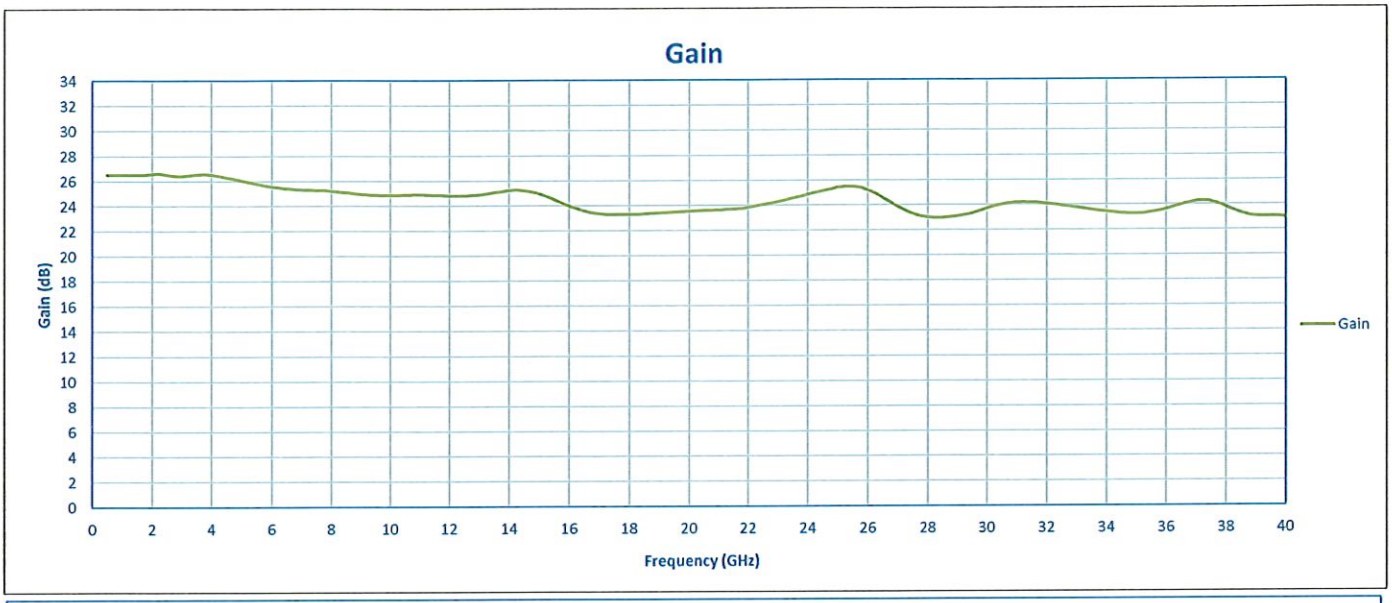
QA/QC Approval: Anthony Barcoly PMI QA6

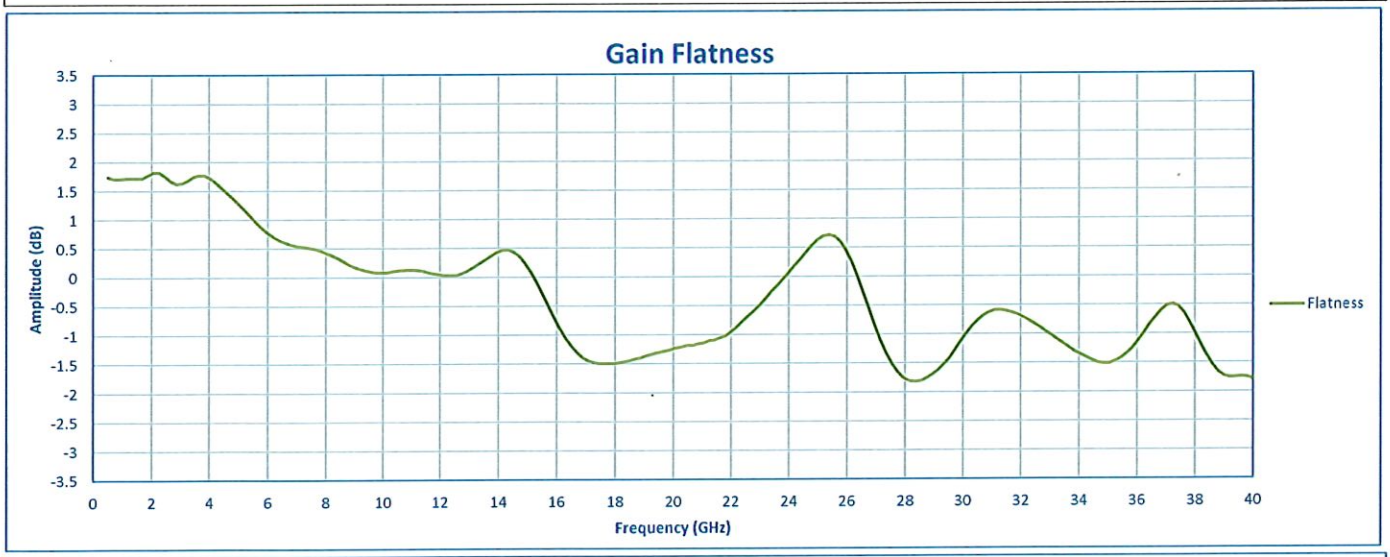
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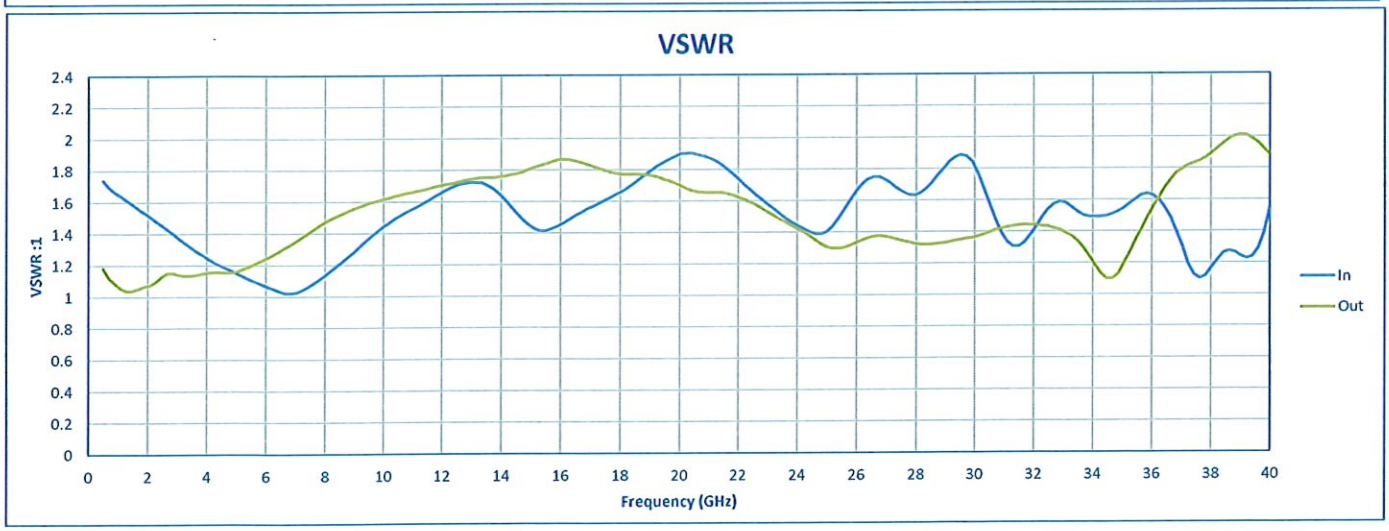
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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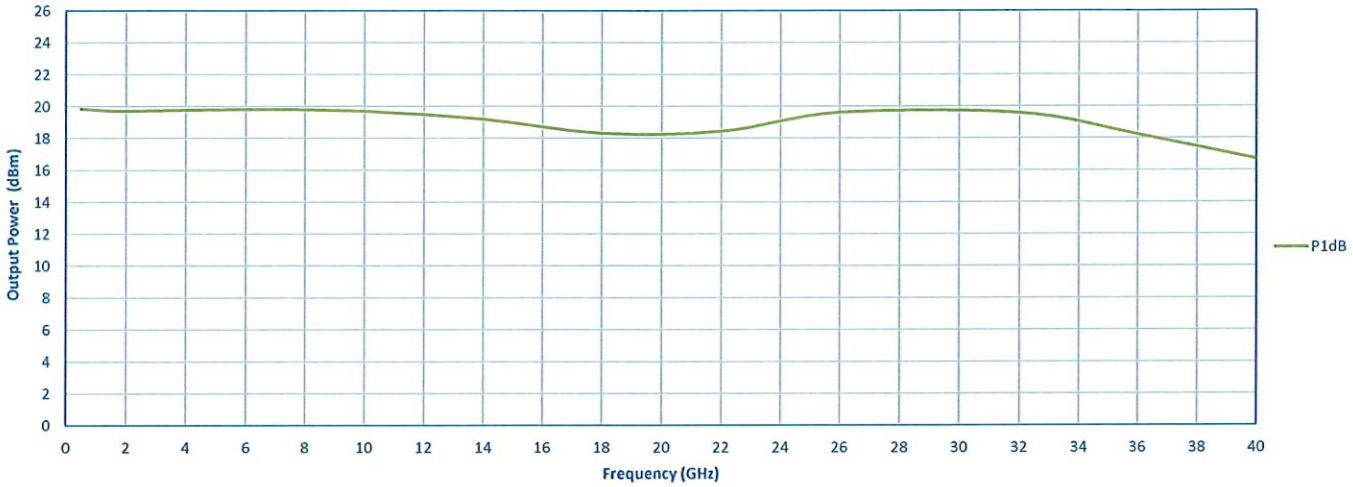


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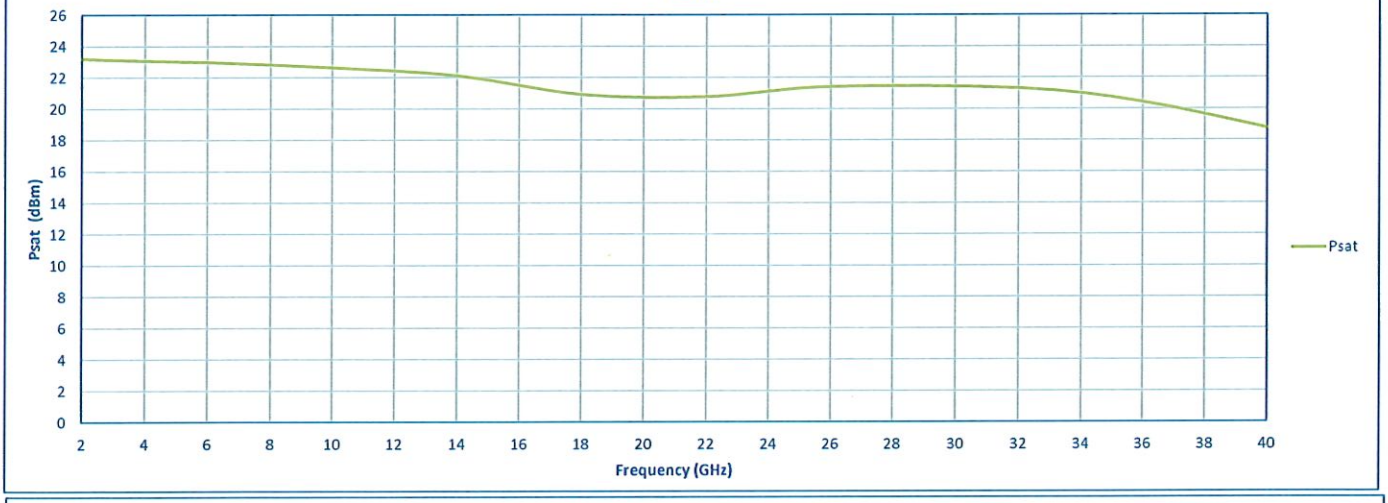
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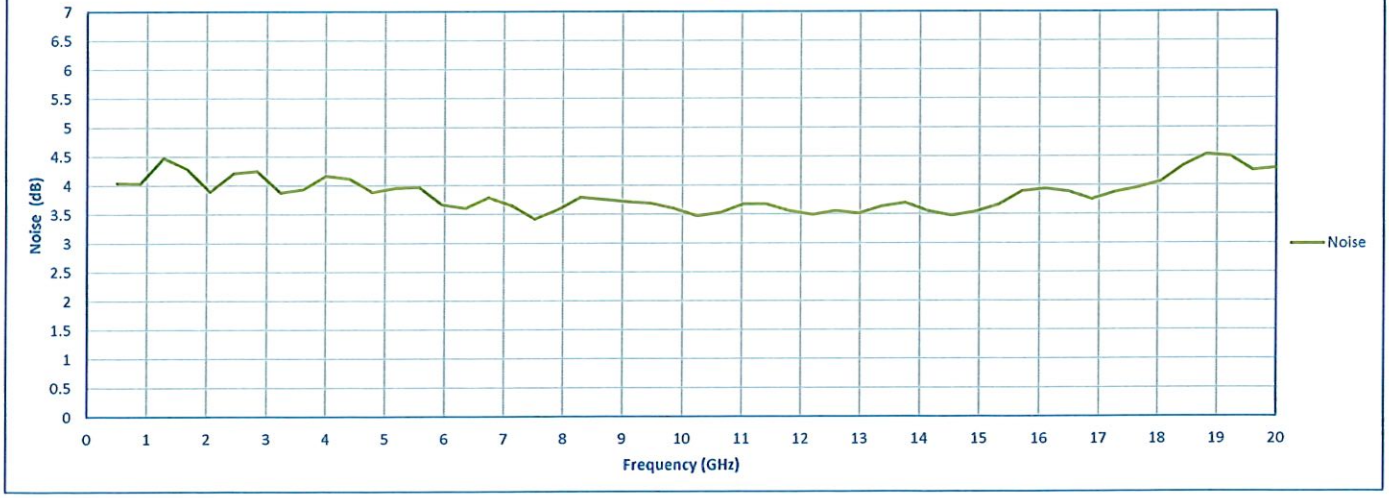
OP1dB



PSAT



Noise Figure



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