Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON PEC3-33-218-20-15-SFF-HS-E

Customer: [redacted]
SO No: [redacted]
Model No: PEC3-33-218-20-15-SFF-HS-E
Serial No: PL52731/2519

Tested By: Justen Gayduchik
Temperature: +25° C
Date: 8/20/2026
Drawing No: 26902311-E **REV:** G1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	2 GHz to 18 GHz	**2 GHz to 18 GHz**	PMI QA6
2	Gain:	+33 dB Min.	**34.69 dB Min. See Plot**	
3	Gain Flatness:	±2.0 dB Max.	**±1.37 dB See Plot**	
4	Noise Figure:	4.0 dB Typ. (5.0 dB Max. at Band Edges)	**4.1 dB Max. See Plot**	
5	OP1dB:	+20 dBm Min.	**+20.79 dBm Min. See Plot**	
6	OIP3:	+30 dBm Typ.	**Pass**	
7	Input Power Handling:	+17 dBm Max.	**Pass**	
8	VSWR (In/Out):	2.2:1 Max.	**Input 1.93:1 Output 1.84:1 See Plot**	
9	DC Supply:	+15 VDC @ 350 mA Typ., 450 mA Max.	**380 mA**	PMI QA6

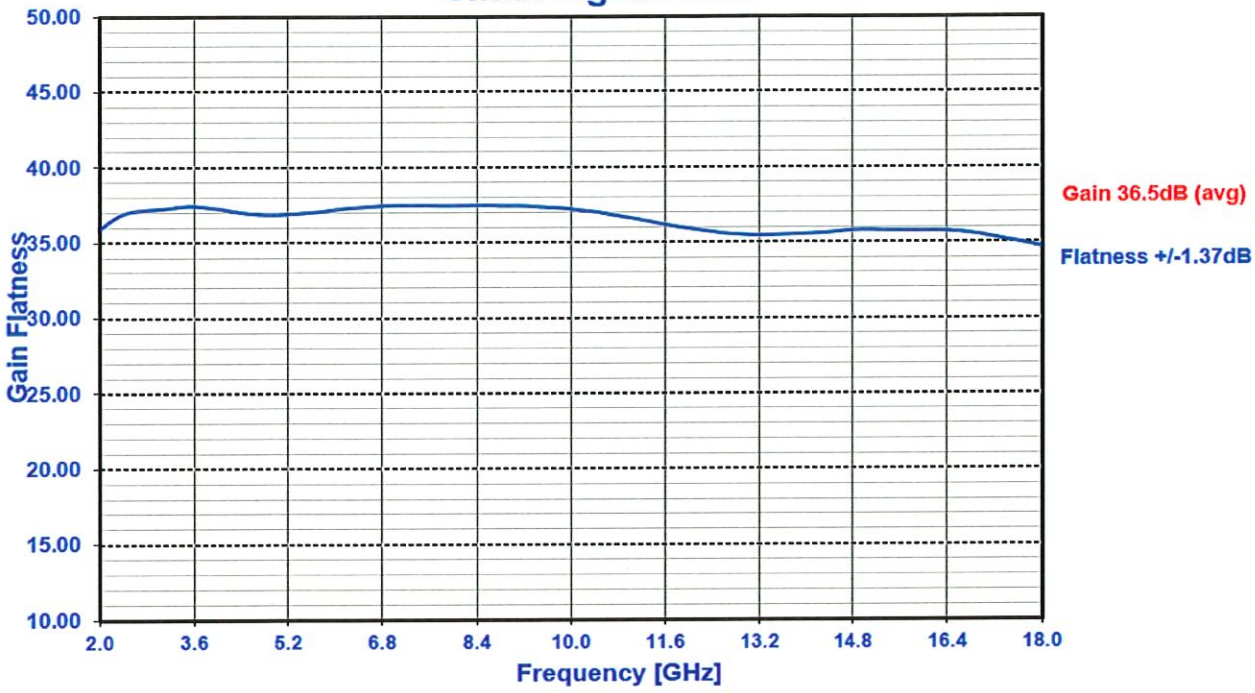
QA/QC Approval: Anthony Kacoly PMI QA6 **Date:** 8/20/26

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

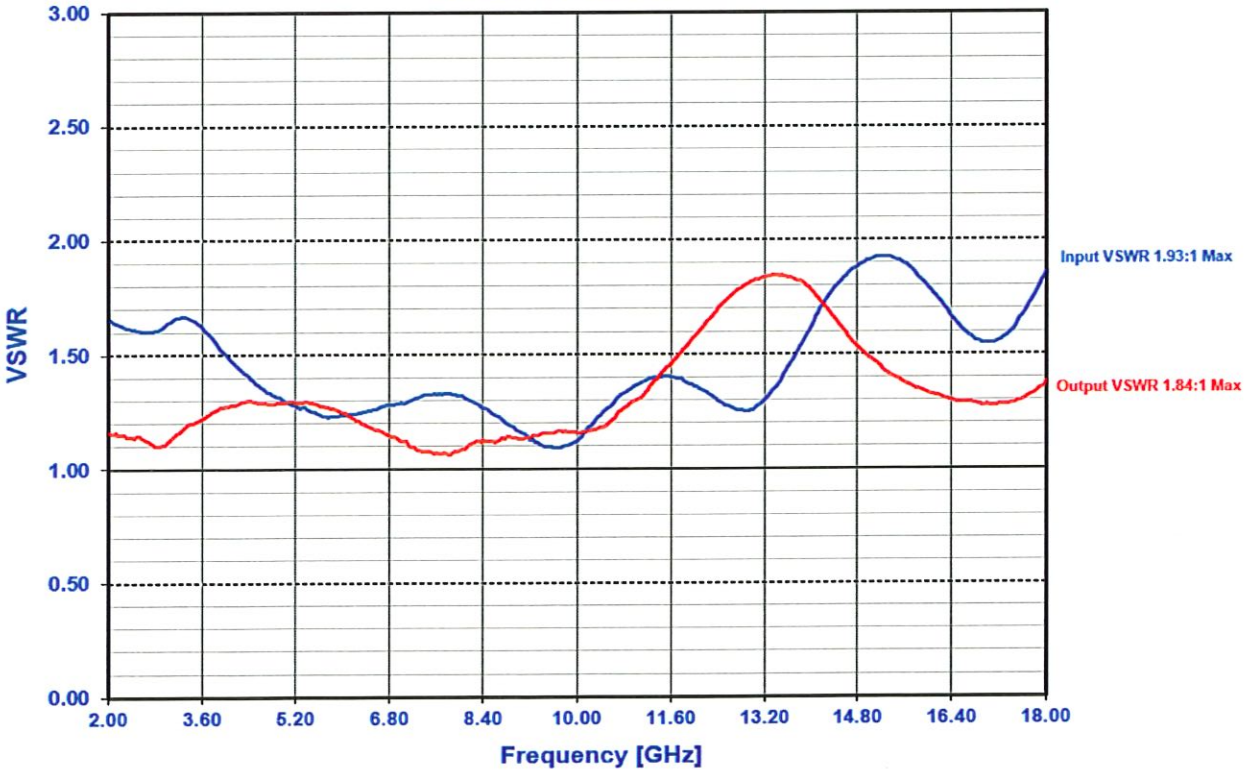
Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
PEC3-33-218-20-15-SFF-HS-E

Small Signal Gain



VSWR GRAPH

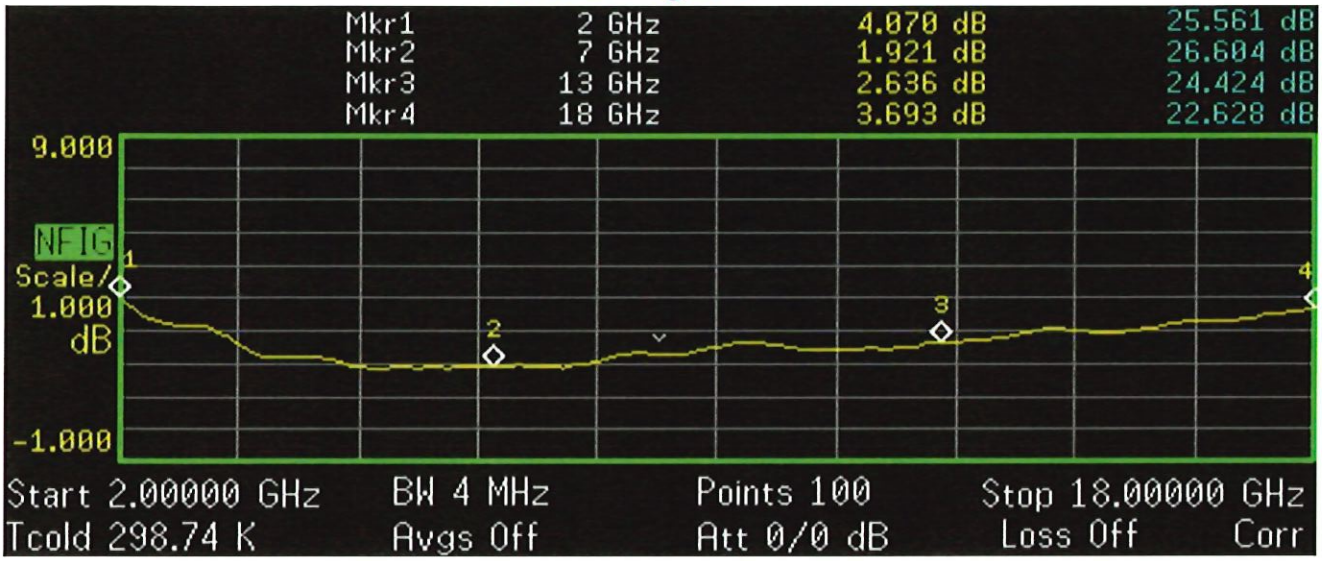


7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

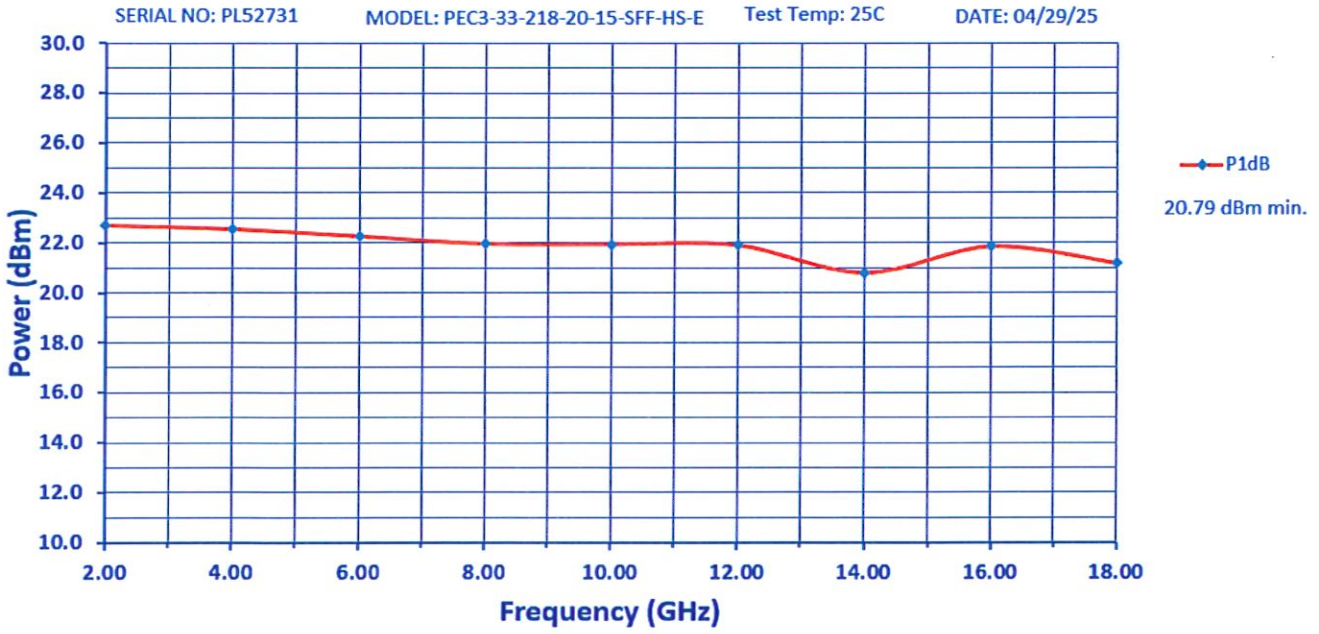
Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON PEC3-33-218-20-15-SFF-HS-E

Noise Figure



1dB Compression vs Frequency



7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com