PLANAR MONOLITHICS

SUMMARY TEST DATA ON DVAT-0518-60-8-SK-193

Customer: [redacted]
Job No: [redacted]
Model No: DVAT-0518-60-8-SK-193
Serial No: PL63187/2643

Tested By: J. Fitzpatrick
Date: Monday, October 19, 2026
Temperature: +25° C
Drawing No: 27635048 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	0.5 to 18.0 GHz	**0.5 to 18.0 GHz**	PMI QA6
2	Insertion Loss:	5.25 dB Max.	**3.97 dB See Plot**	
3	Attenuation Flatness:	±0.9 dB Typ. @ 10 dB ±1.5 dB Typ. @ 20 dB ±3.0 dB Typ. @ 40 dB ±5.0 dB Typ. @ 60 dB	**±0.37 dB ±0.5 dB ±0.86 dB ±2.1 dB See Plot**	
4	Accuracy of Attenuation:	±1.0 dB Typ. 0 dB to 30 dB ±1.3 dB Typ, 30 dB to 50 dB ±1.5 dB Typ. 50 dB to 60 dB	**±0.83 dB ±0.92 dB ±1.15 dB See Plot**	
5	Monotonicity:	Verify	**Pass**	
6	Temperature Variation:	±2.5 dB -10 to 85°C Typ. ±3.5 dB -40 to 95°C Typ.	**See Typical Characteristics**	
7	Switching Speed:	50 µs Max.	**See Typical Characteristics**	
8	Small Signal Bandwidth:	100 KHz Typ. (6 dB w/±3 dB sinewave)	**N/A**	
9	Large Signal Bandwidth:	50 KHz Typ. (30 dB w/±3 dB sinewave)	**N/A**	
10	Return Loss:	-8.5 dB Max.	**-11.21 dB**	
11	Power Rating:	+20 dB	**See Typical Characteristics**	
12	Power Supply:	+15 V @ 150 mA Max.	**120 mA**	PMI QA6

QA/QC Approval: Anthony Karoly PMI QA6 Date: 10/20/26

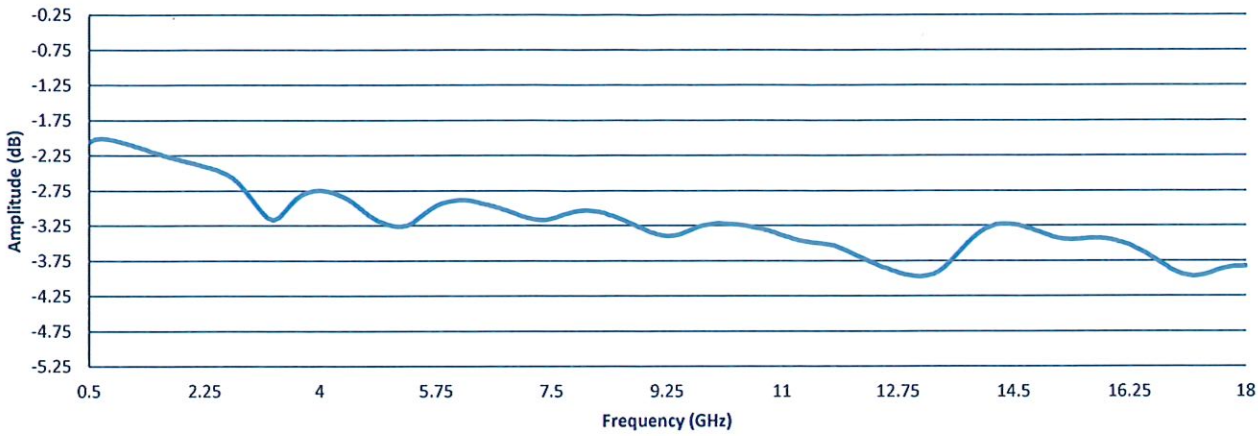
7309-A Grove Road, Frederick, MD 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

PLANAR MONOLITHICS

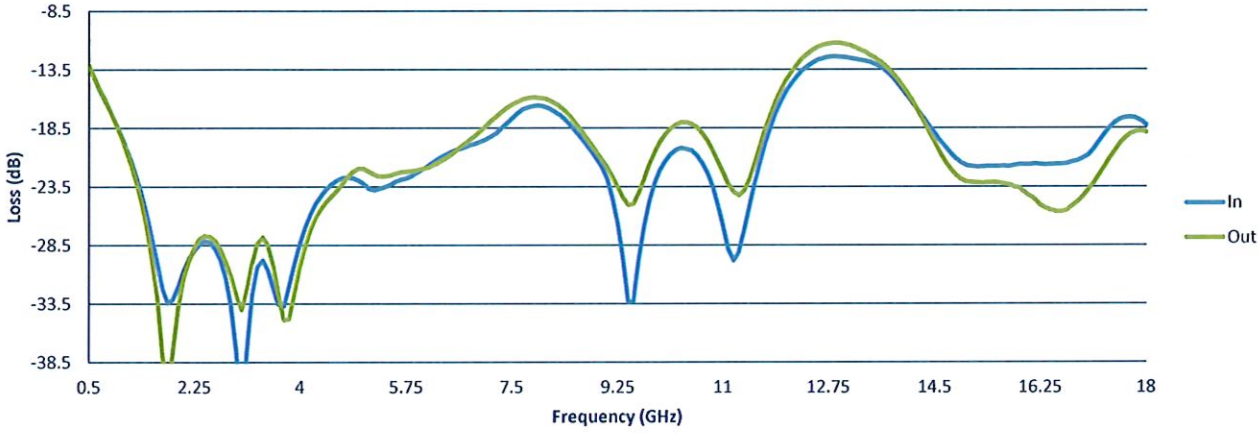
SUMMARY TEST DATA ON DVAT-0518-60-8-SK-193

PL63187/2643

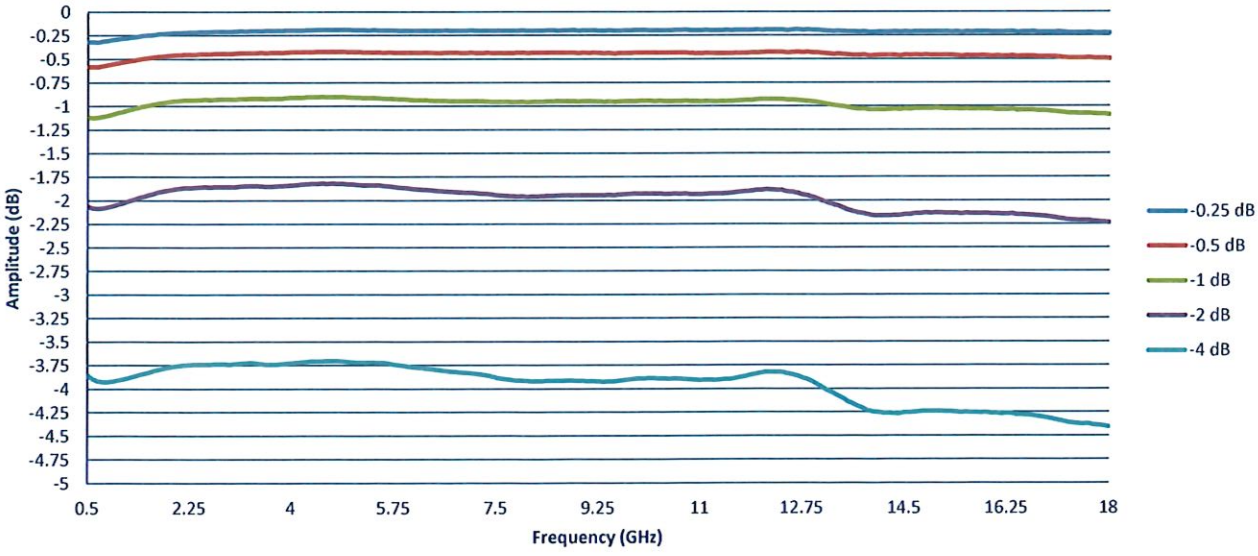
Insertion Loss



Return Loss



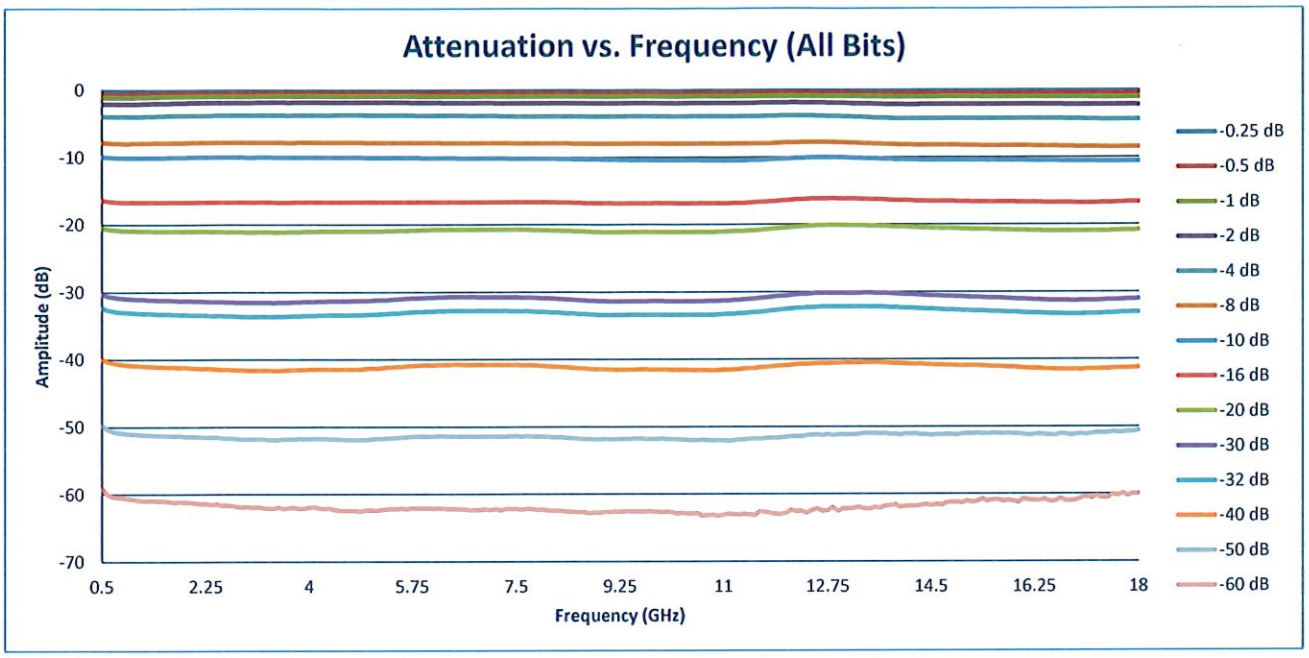
Attenuation vs. Frequency (Small Bits)

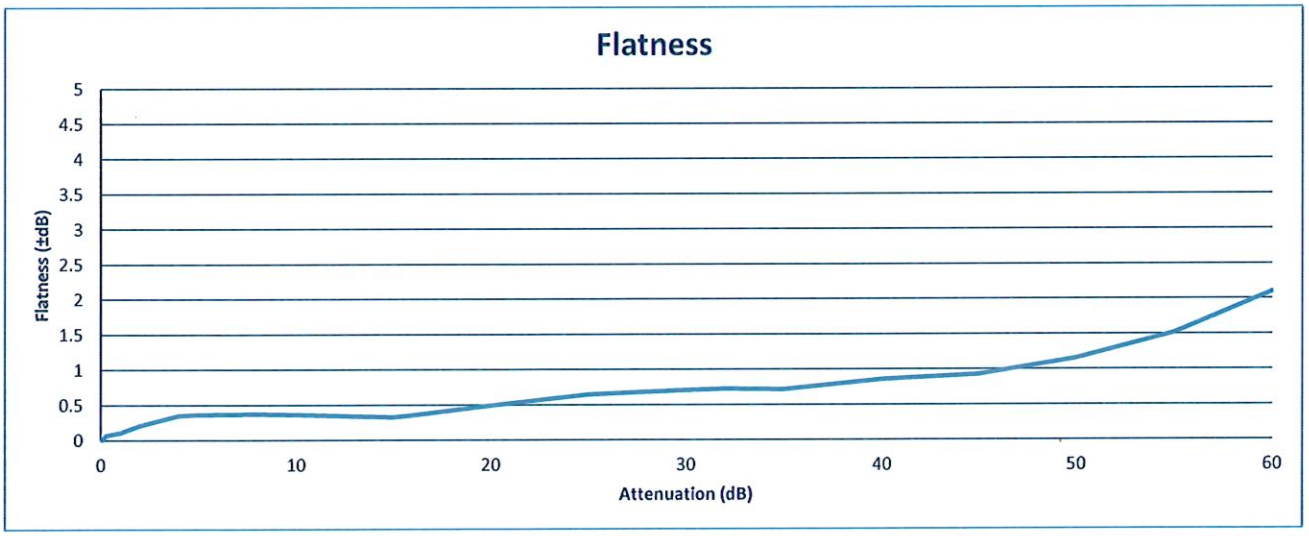


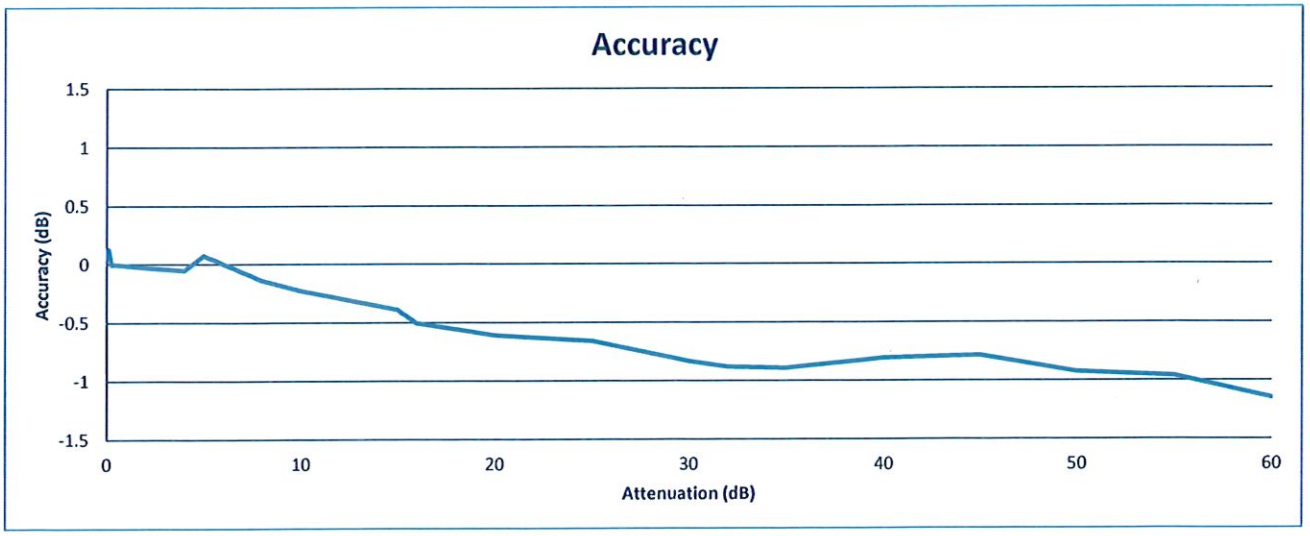
7309-A Grove Road, Frederick, MD 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

PL63187/2643

SUMMARY TEST DATA ON DVAT-0518-60-8-SK-193







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