SUMMARY TEST DATA
ON
PDVAT-0518-60-8-96

Customer:
Job No:
Model No: PDVAT-0518-60-8-96
Serial No: PL26691/1940

Tested By: K. MANSFIELD
Date: Wednesday, October 02, 2019
Temperature: +25° C
Drawing No: 27621723 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA1
2	Insertion Loss:	4.0 dB Max.	2.6 dB See Plot	
3	Return Loss:	-12 dB Typ. -8.5 dB Max.	-10.9 dB See Plot	
4	Flatness @ 10 dB:	±0.9 dB Typ.	±0.41 dB See Plot	
5	Flatness @ 20 dB:	±1.5 dB Typ.	±0.47 dB See Plot	
6	Flatness @ 40 dB:	±3.0 dB Typ.	±0.78 dB See Plot	
7	Flatness @ 60 dB:	±5.0 dB Typ.	±4.17 dB See Plot	
8	Accuracy of Attenuation 0 to 30 dB:	±1.0 dB Typ.	±0.32 dB See Plot	
9	Accuracy of Attenuation 30 to 50 dB:	±1.3 dB Typ.	±0.4 dB See Plot	
10	Accuracy of Attenuation 50 to 60 dB:	±1.5 dB Typ.	±0.23 dB See Plot	
11	Switching Speed:	1.5 us Max.	< 1.5 us See Typical Characteristics	
12	DC Supply:	+12 to +15 VDC @ 150 mA	142 mA	PMI QA1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.25	0.00	0.03
0.50	0.49	0.01	0.06
1.00	0.99	0.01	0.12
2.00	1.98	0.02	0.24
4.00	3.97	0.03	0.51
8.00	8.04	-0.04	0.56
16.00	16.20	-0.20	0.36
32.00	32.40	-0.40	0.59
63.75	64.39		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.97	0.03	0.62
10.00	10.13	-0.13	0.41
15.00	15.08	-0.08	0.34
20.00	20.20	-0.20	0.47
25.00	25.21	-0.21	0.57
30.00	30.32	-0.32	0.59
35.00	35.38	-0.38	0.65
40.00	39.89	0.11	0.78
45.00	44.62	0.38	1.32
50.00	49.90	0.10	1.96
55.00	55.15	-0.15	2.45
60.00	60.23	-0.23	4.17

QA/QC Approval: PMI QA1 Date: 10/2/19

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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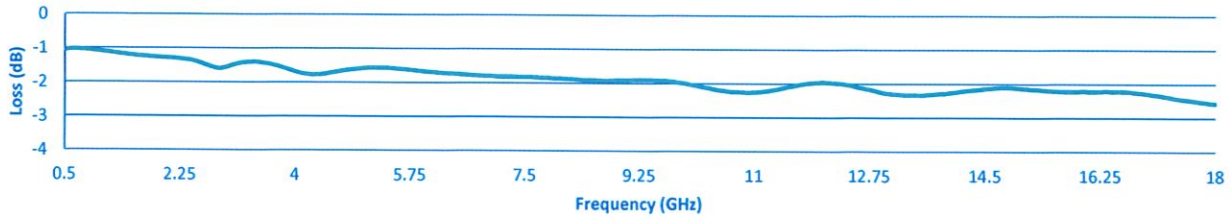
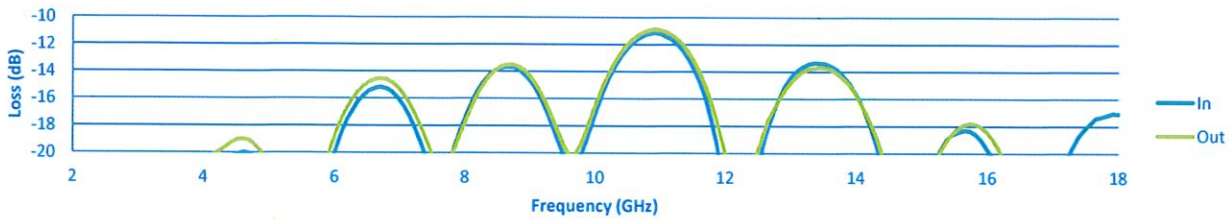
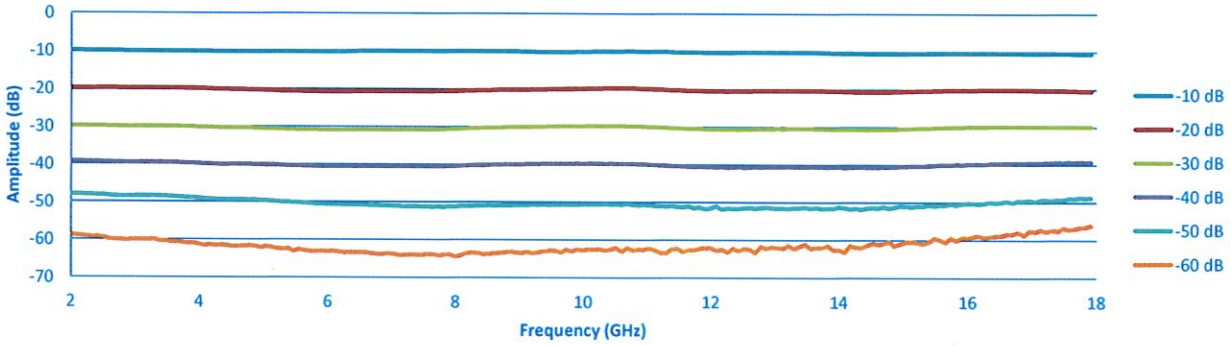
Insertion Loss



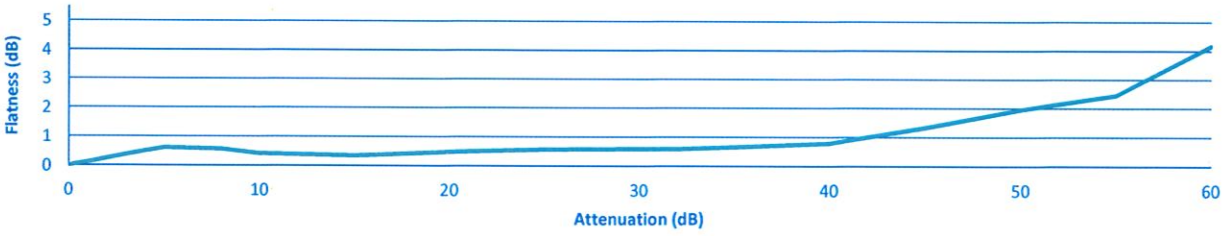
Return Loss



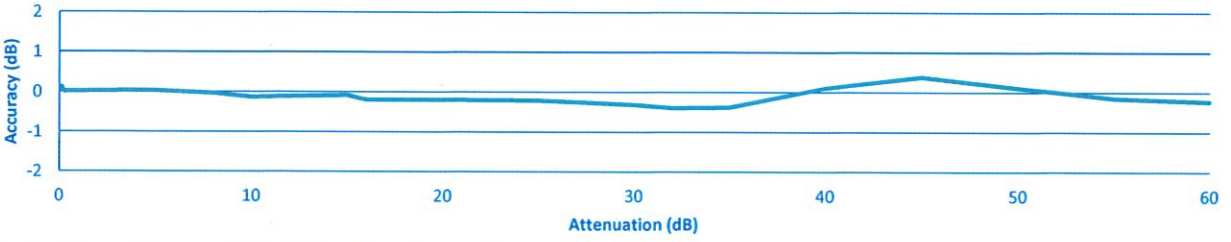
Attenuation vs. Frequency



Flatness



Accuracy



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