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

Customer:
Job No:
Model No: PDVAT-0518-60-8-96
Serial No: PL30529/2043

Tested By: K. Mansfield
Date: Friday, October 23, 2020
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 QA 2
2	Insertion Loss:	4.0 dB Max.	2.7 dB See Plot	
3	Return Loss:	-12 dB Typ. -8.5 dB Max.	-11.4 dB See Plot	
4	Flatness @ 10 dB:	±0.9 dB Typ.	±0.94 dB See Plot	
5	Flatness @ 20 dB:	±1.5 dB Typ.	±0.43 dB See Plot	
6	Flatness @ 40 dB:	±3.0 dB Typ.	±1.83 dB See Plot	
7	Flatness @ 60 dB:	±5.0 dB Typ.	±5.07 dB See Plot	
8	Accuracy of Attenuation 0 to 30 dB:	±1.0 dB Typ.	±0.35 dB See Plot	
9	Accuracy of Attenuation 30 to 50 dB:	±1.3 dB Typ.	±0.32 dB See Plot	
10	Accuracy of Attenuation 50 to 60 dB:	±1.5 dB Typ.	±0.71 dB See Plot	
11	Switching Speed:	1.5 us Max.	< 1.5 us See Typical Characteristics	
12	DC Supply:	+15 VDC @ 150 mA	140 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	-0.33	-0.08	0.02
0.50	-0.63	-0.13	0.04
1.00	-1.22	-0.22	0.08
2.00	-2.33	-0.33	0.17
4.00	-4.33	-0.33	0.38
8.00	-8.27	-0.27	0.81
16.00	-16.23	-0.23	0.47
32.00	-32.27	-0.27	0.85
63.75	-62.97		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	-5.33	-0.33	0.50
10.00	-10.25	-0.25	0.94
15.00	-15.14	-0.14	0.52
20.00	-20.32	-0.32	0.43
25.00	-25.35	-0.35	0.56
30.00	-30.32	-0.32	0.76
35.00	-35.19	-0.19	1.10
40.00	-40.08	-0.08	1.83
45.00	-44.96	0.04	2.37
50.00	-49.80	0.20	3.39
55.00	-54.61	0.39	4.34
60.00	-59.29	0.71	5.07

QA/QC Approval: PMI QA 2 Date: 10.26.2020

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

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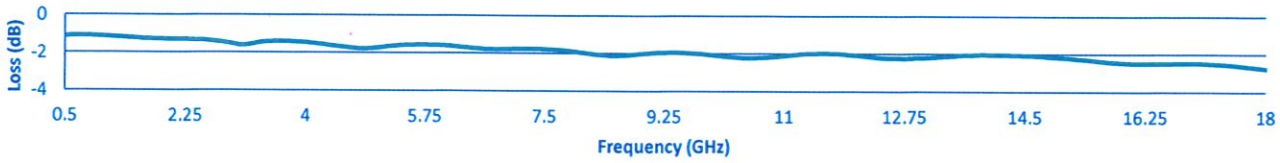
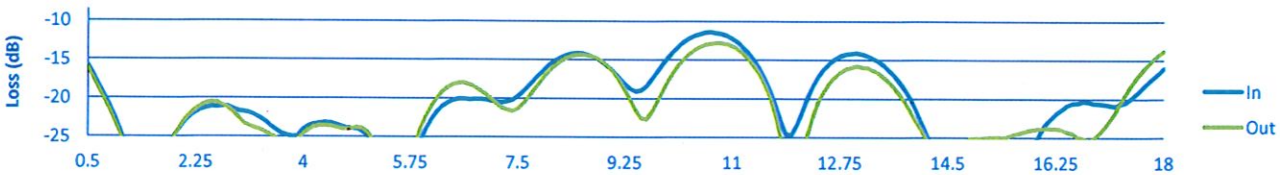
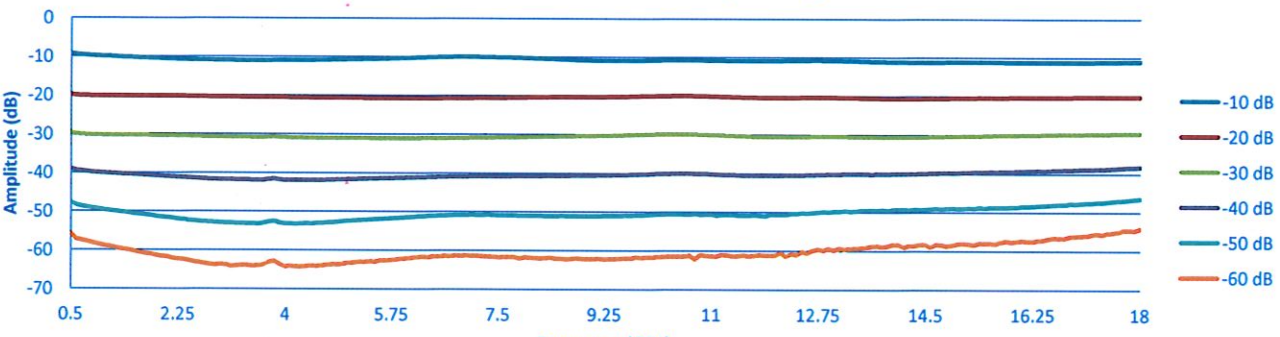
Insertion Loss



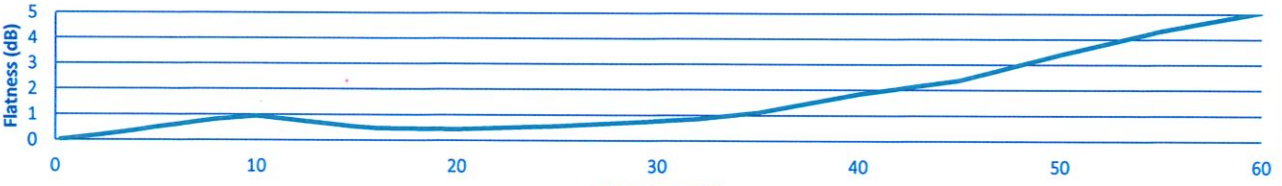
Return Loss



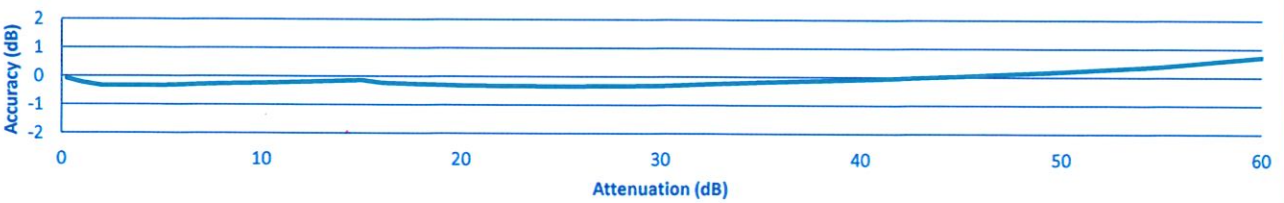
Attenuation vs. Frequency



Flatness



Accuracy



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