SUMMARY TEST DATA
ON
PVA-500M18G-60-SFF

Customer:
Job No:
Model No: PVA-500M18G-60-SFF
Serial No: 44400
Part No:

Tested By: K. Mansfield
Date: Wednesday, April 24, 2024
Temperature: +25° C
Drawing No: 27622555 Rev: B1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	0.5 GHz to 18 GHz	0.5 GHz to 18 GHz	PMI QA4
2	Insertion Loss:	0.5 to 12.0 GHz 4.5 dB Max. 12.0 to 18.0 GHz 5.2 dB Max.	4.3 dB 4.6 dB See Plot	
3	VSWR:	2.2:1 Max.	1.9:1 See Plot	
4	Attenuation Flatness:	0 - 30 dB ±2.5 dB Max. 30 - 40 dB ±3.5 dB Max. 40 - 50 dB ±4.5 dB Max. 50 - 60 dB ±5.5 dB Max.	±1.22 dB ±1.89 dB ±2.55 dB ±3.69 dB See Plot	
5	Attenuation Accuracy:	0 - 10 dB ±1.0 dB Max. 10 - 20 dB ±1.5 dB Max. 20 - 40 dB ±2.0 dB Max. 40 - 60 dB ±2.5 dB Max.	0.17 dB 0.36 dB 0.88 dB 1.35 dB See Plot	
6	Rise and Fall Time:	3 us Max.	< 2 µs See Typical Characteristics	
7	RF Power (Operating):	+20 dBm CW Max.	Pass	
8	RF Power (Survival):	+30 dBm CW Max.	Pass	
9	Power Supply:	+12 VDC @ 250 mA Max. -12 VDC @ 50 mA Max.	+12 VDC @ 110 mA -12 VDC @ 0 mA	
10	Control:	10 dB / Volt Analog Controlled	Pass	PMI QA4

Voltage Control (mV)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1500	15	15.3	0.3	0.5
2500	25	25.0	0.0	0.9
3500	35	-35.5	-70.5	1.6
4500	45	-45.8	-90.8	2.2
5500	55	-56.2	-111.2	3.0

QA/QC Approval: Cameron Kelley Date: 04/26/2024

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Email: sales@pmi-rf.com

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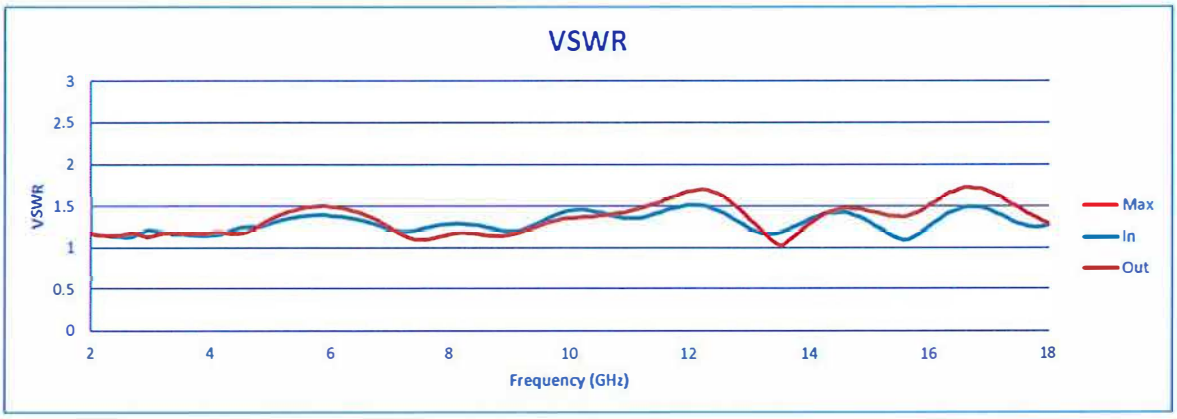

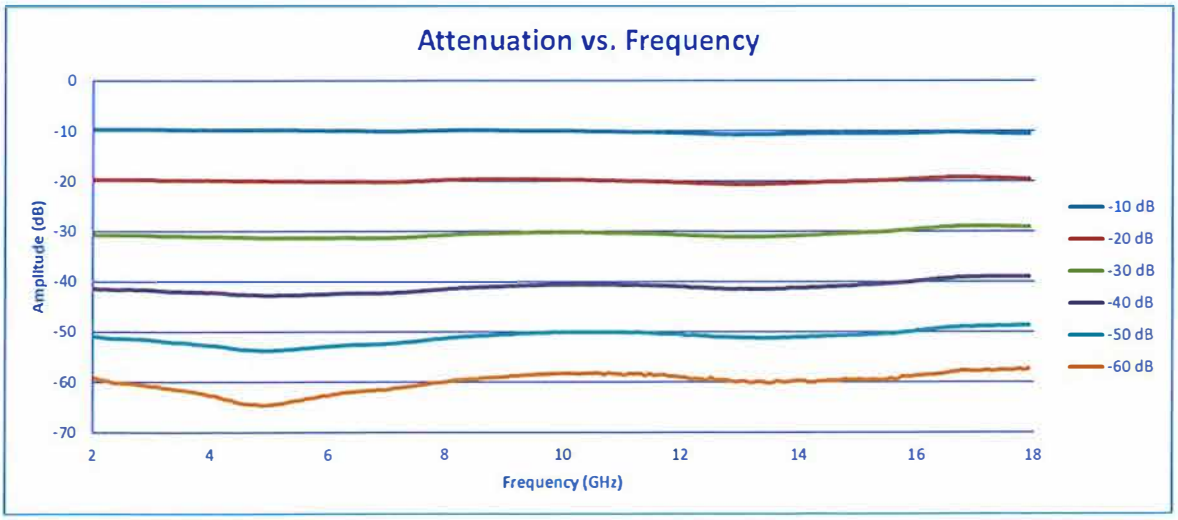

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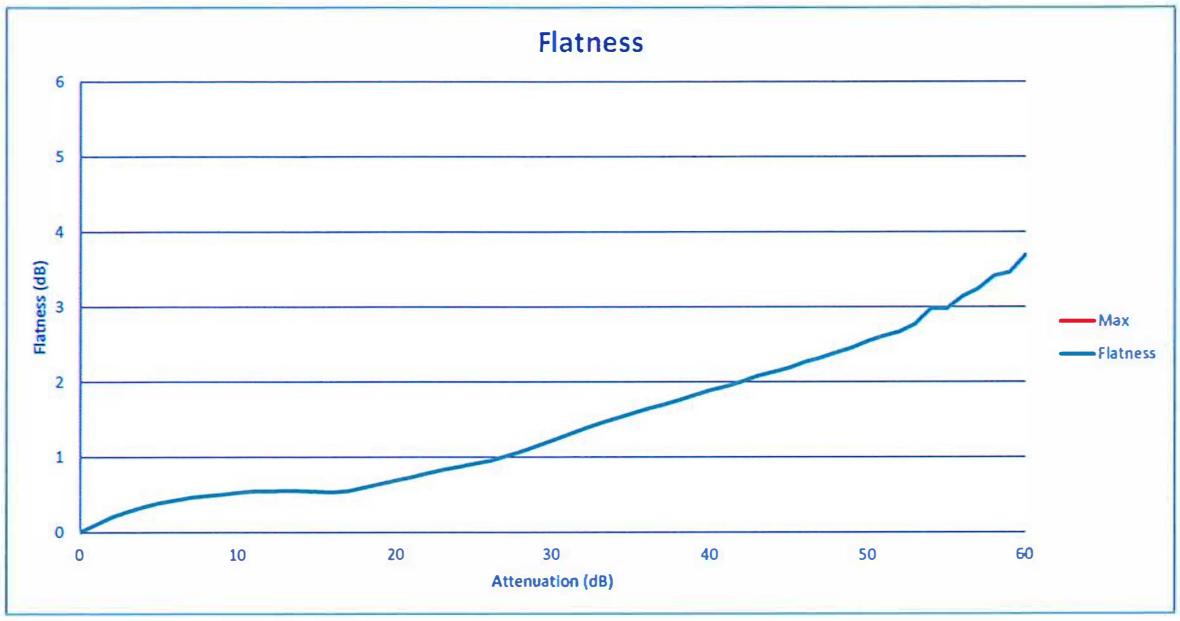

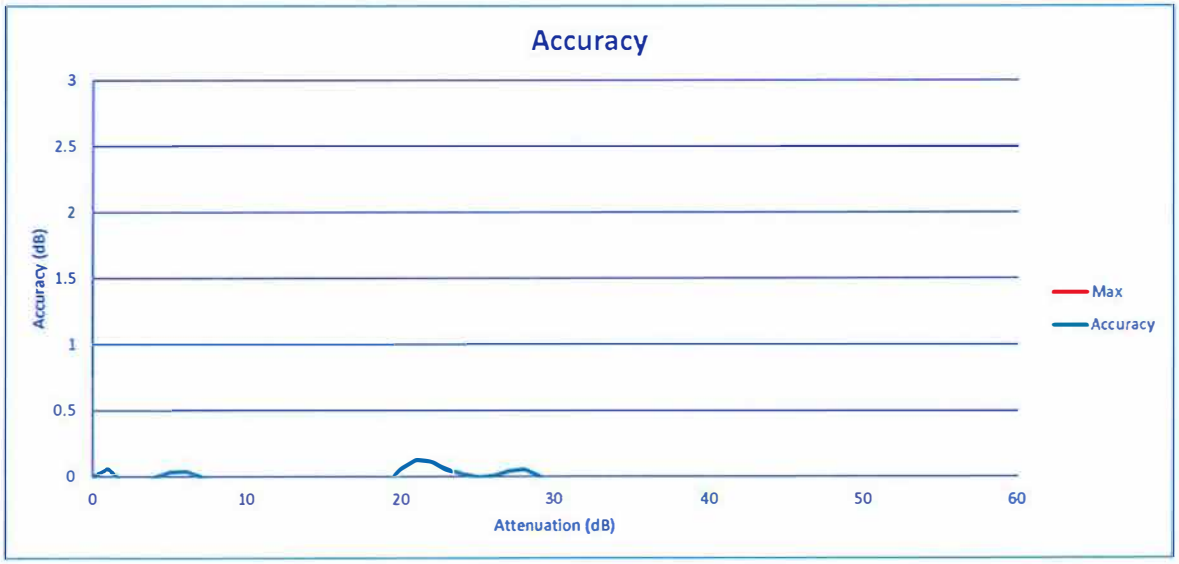

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