TYPICAL CHARACTERISTICS
ON
MA-6G11G-20DB-SFF

PMI MODEL NUMBER: MA-611G-20DB-SFFSFF IS A 6.0 GHz TO 11 GHz MECHANICAL VARIABLE ATTENUATOR. THIS UNIT HAS AN ATTENUATION OF 0 dB TO 20 dB. IT IS SUPPLIED IN A 1.75" x 1.00" x 0.50" HOUSING WITH SMA FEMALE CONNECTORS.

DATE
7/17/2025

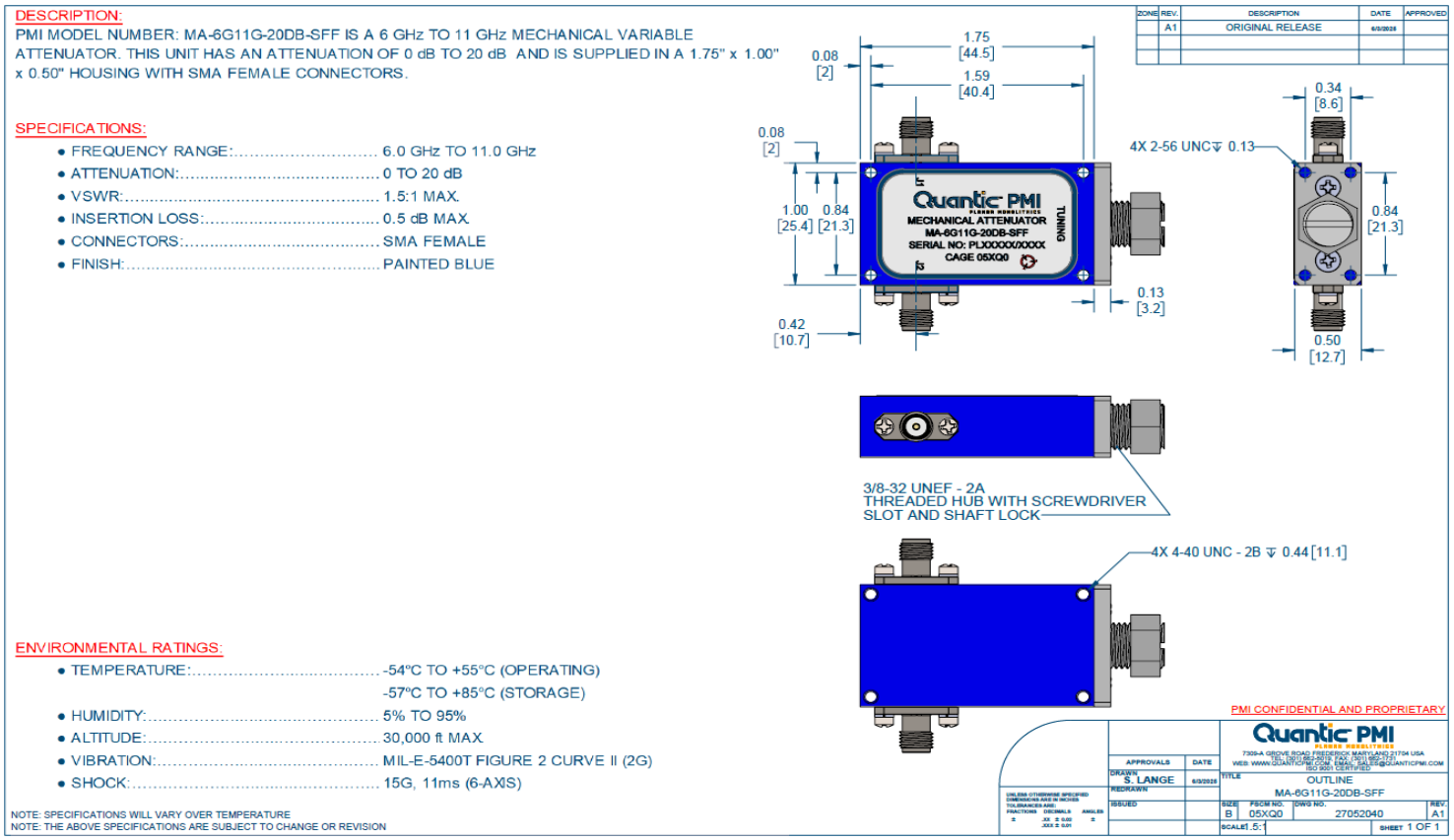
Designed By:
Brian Wall

Tested and Reported By:
Brian Wall

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

TYPICAL CHARACTERISTICS ON MA-6G11G-20DB-SFF

OUTLINE DRAWING:



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TEST DATA:

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS				
			-54°C	-40°C	+25°C	+55°C	+85°C
1	Frequency Range:	6 GHz to 11 GHz	**6 GHz to 11 GHz**				
2	Attenuation:	0 to 20 dB	**0 to 20 dB See Graphs**				
3	Insertion Loss:	0.5 dB Max.	**0.42 dB See Graph**	**0.44 dB See Graph**	**0.46 dB See Graph**	**0.45 dB See Graph**	**0.41 dB See Graph**
4	VSWR:	1.5:1 Max.	**1.47:1 See Graph**	**1.47:1 See Graph**	**1.47:1 See Graph**	**1.49:1 See Graph**	**1.48:1 See Graph**

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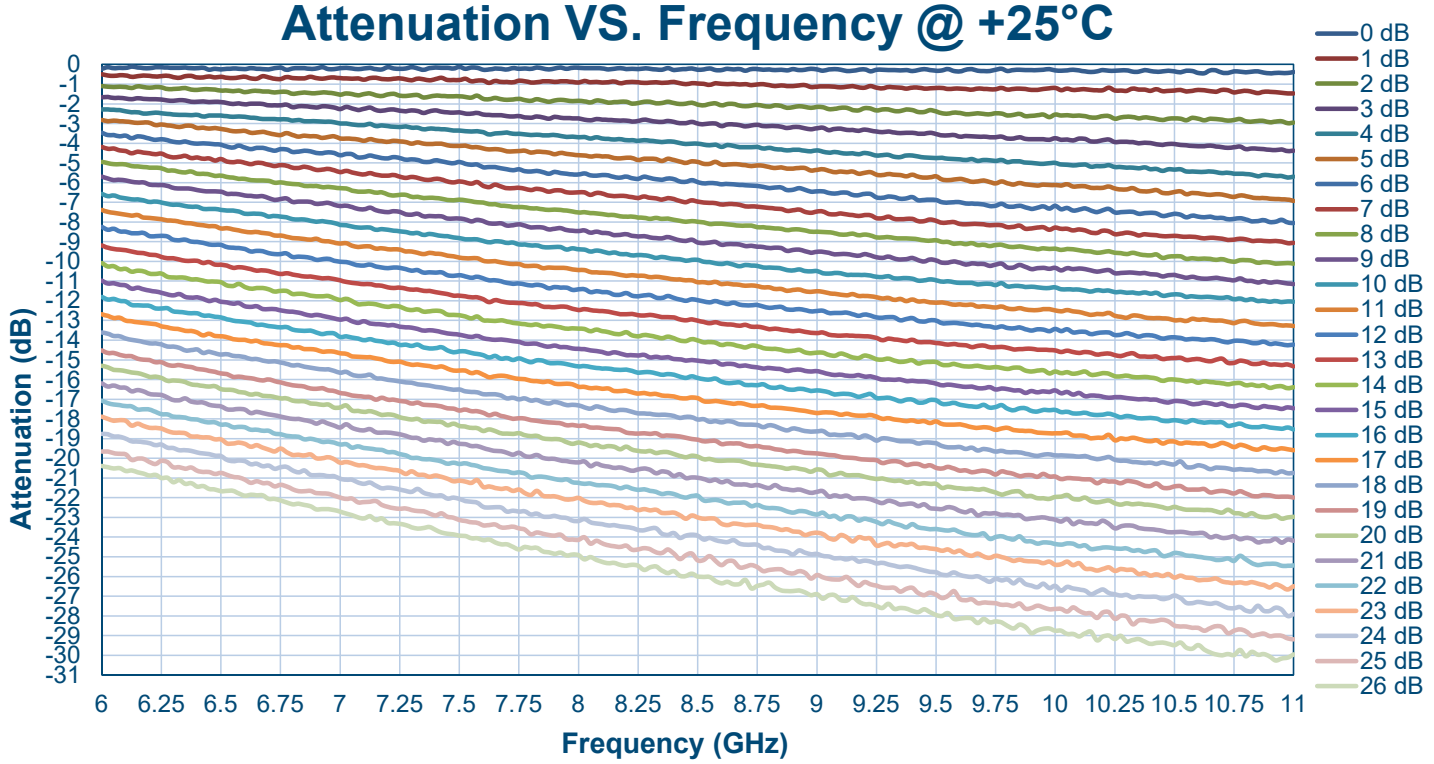
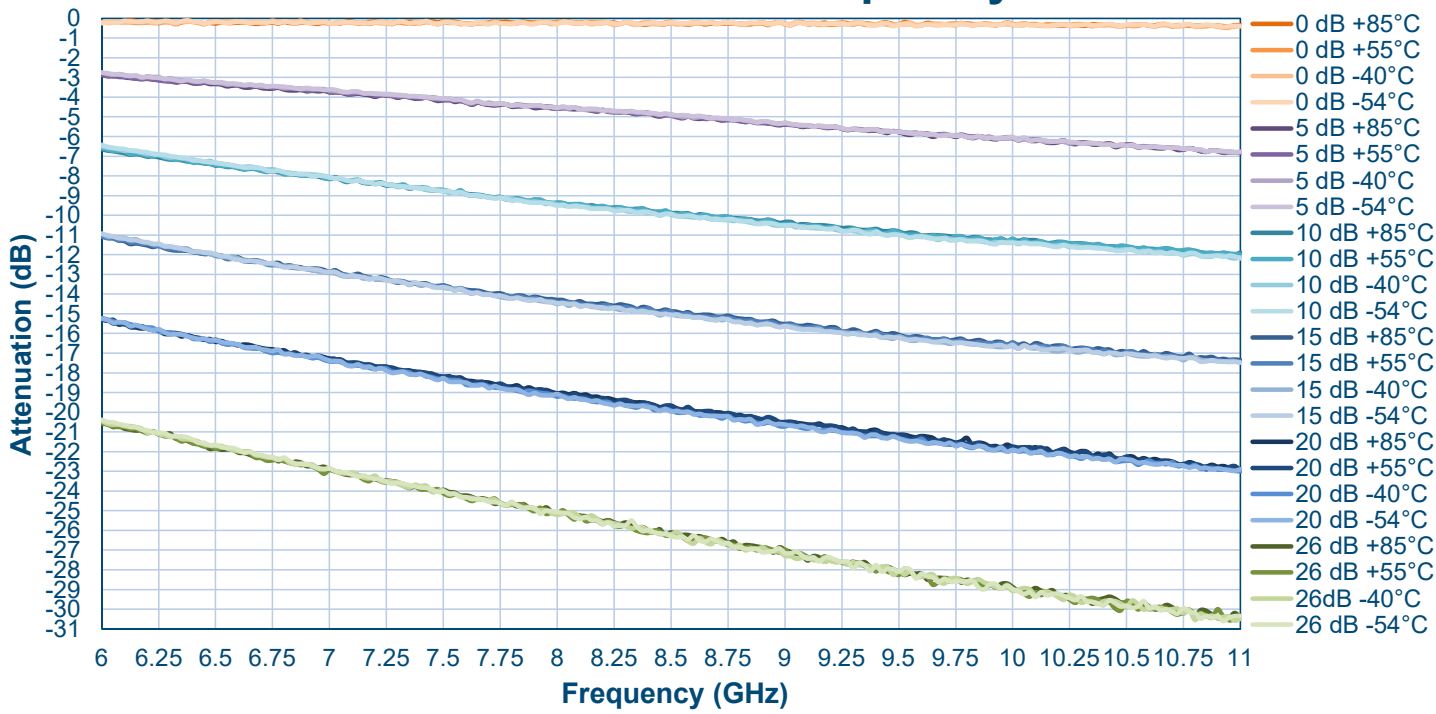
Attenuation VS. Frequency @ +25°C



Attenuation VS. Frequency



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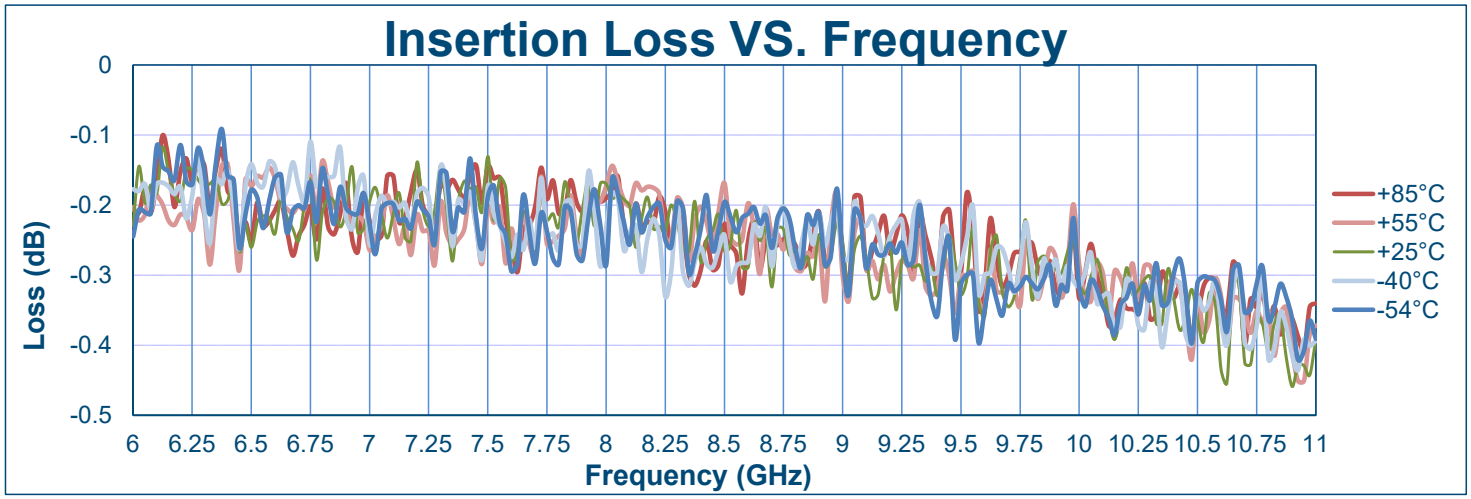

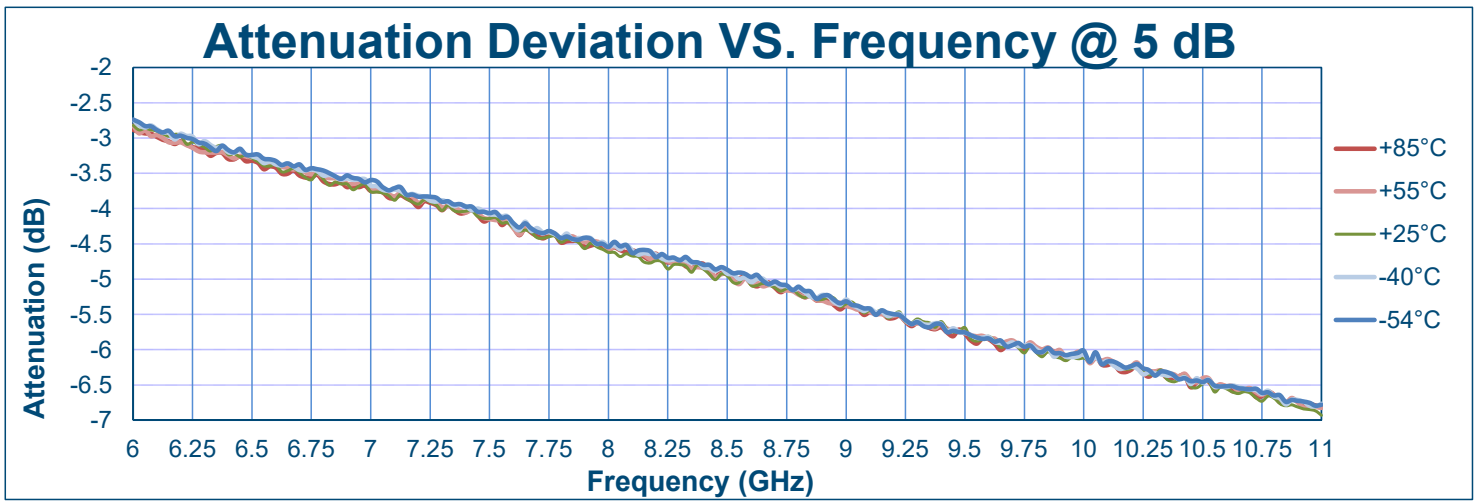

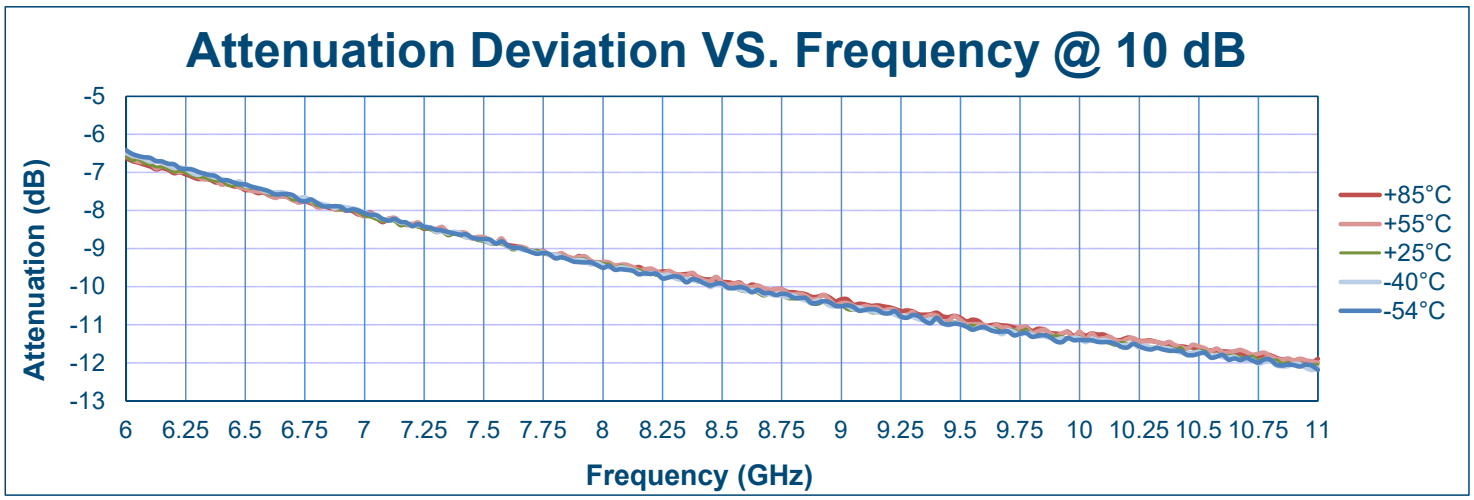

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TYPICAL CHARACTERISTICS
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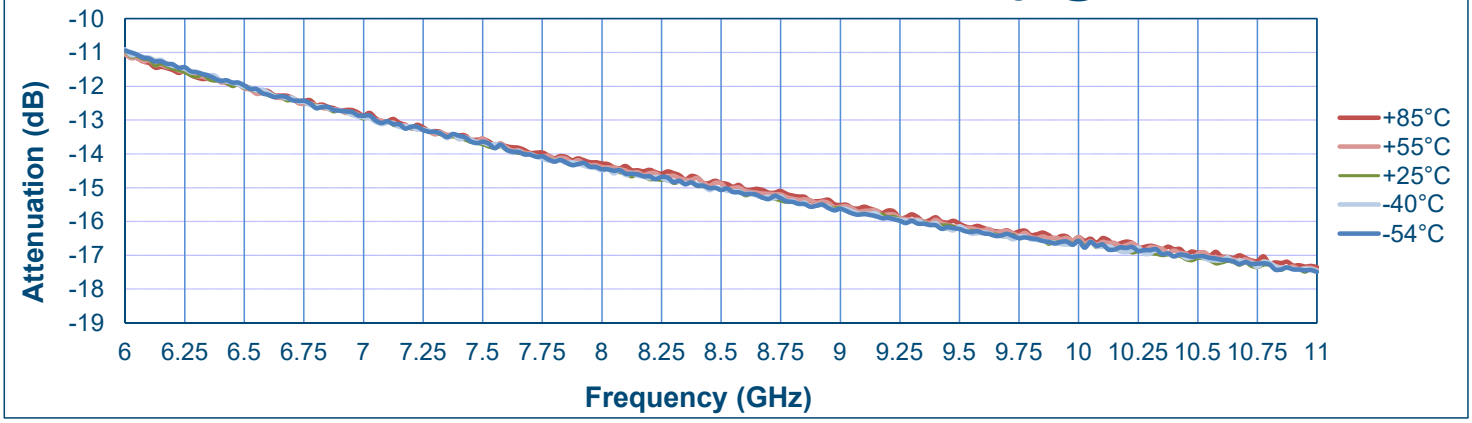
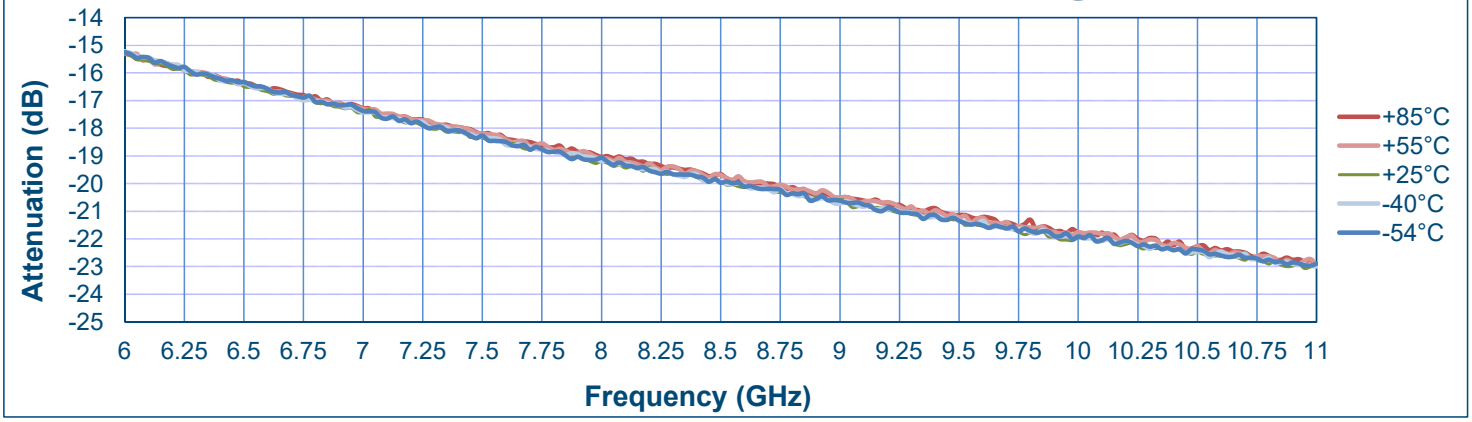
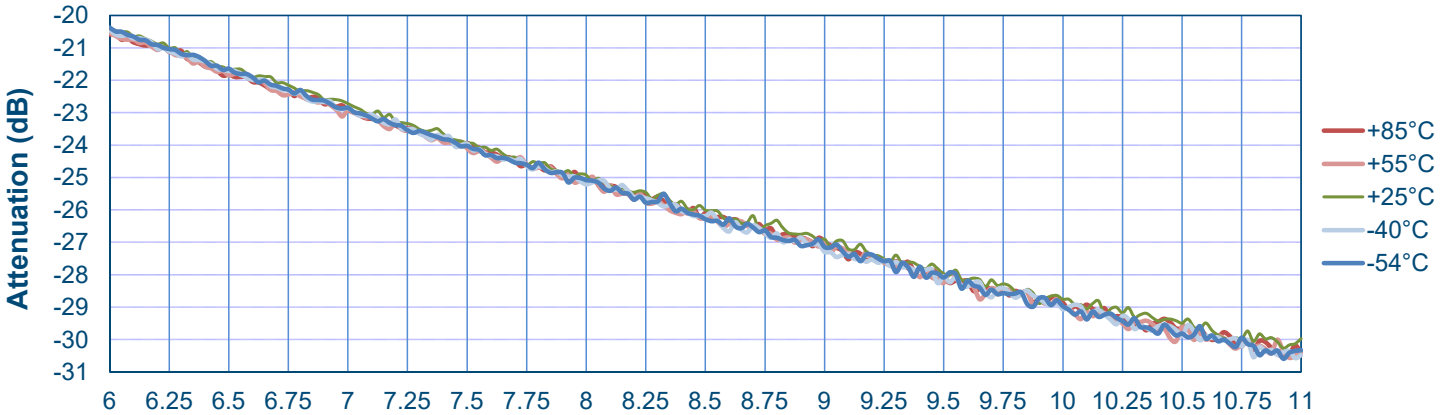
Attenuation Deviation VS. Frequency @ 15 dB



Attenuation Deviation VS. Frequency @ 20 dB



Attenuation Deviation VS. Frequency @ 26 dB



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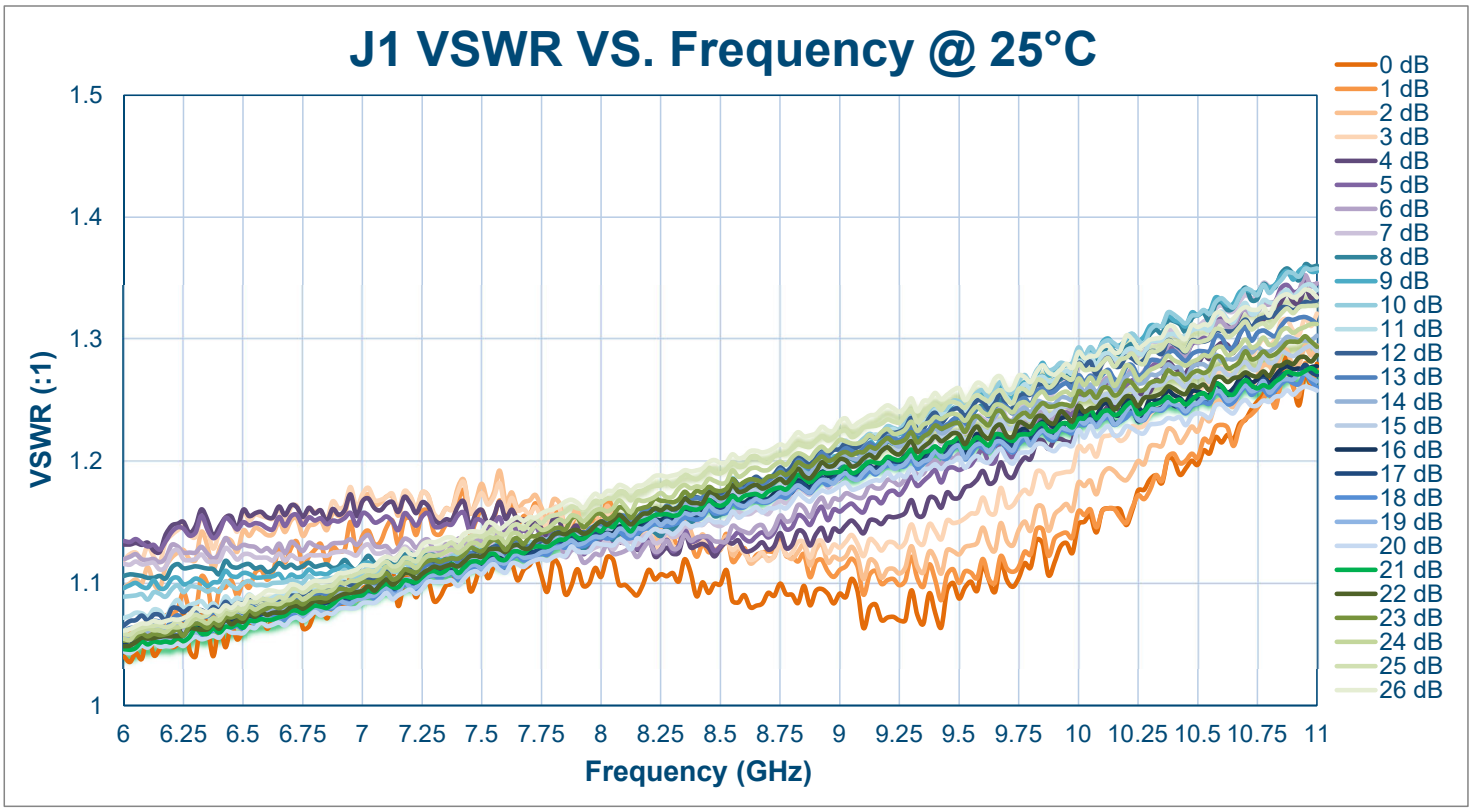

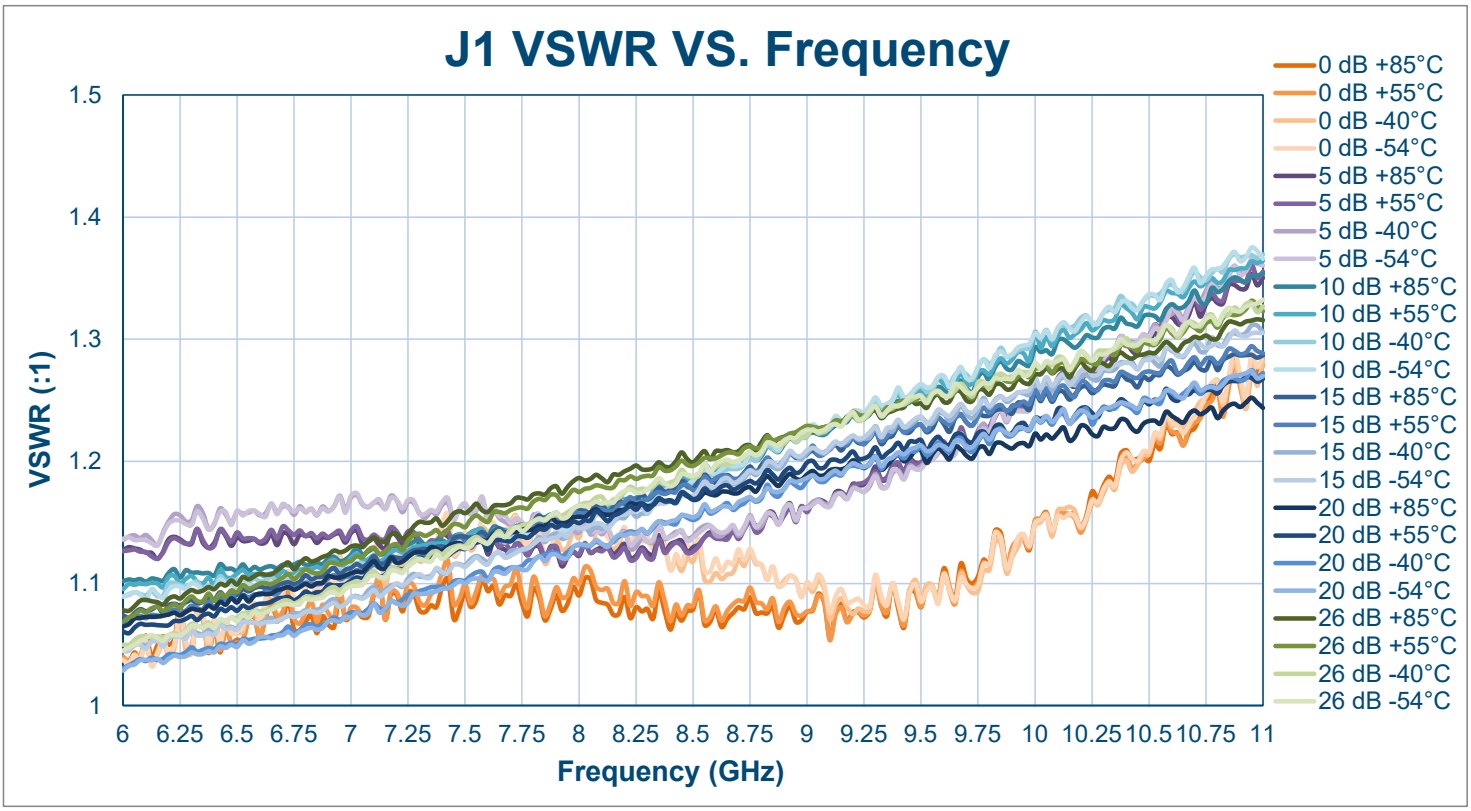

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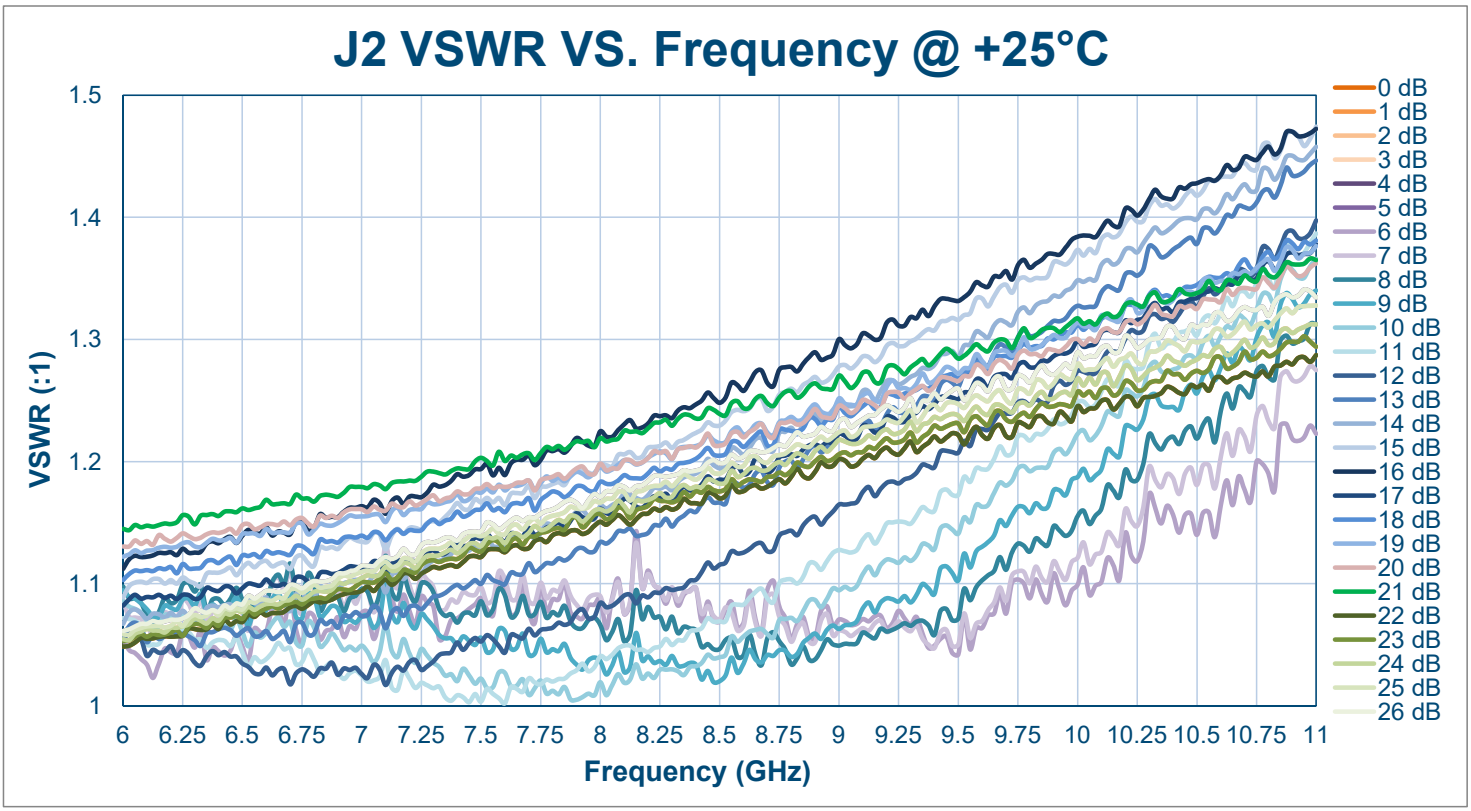

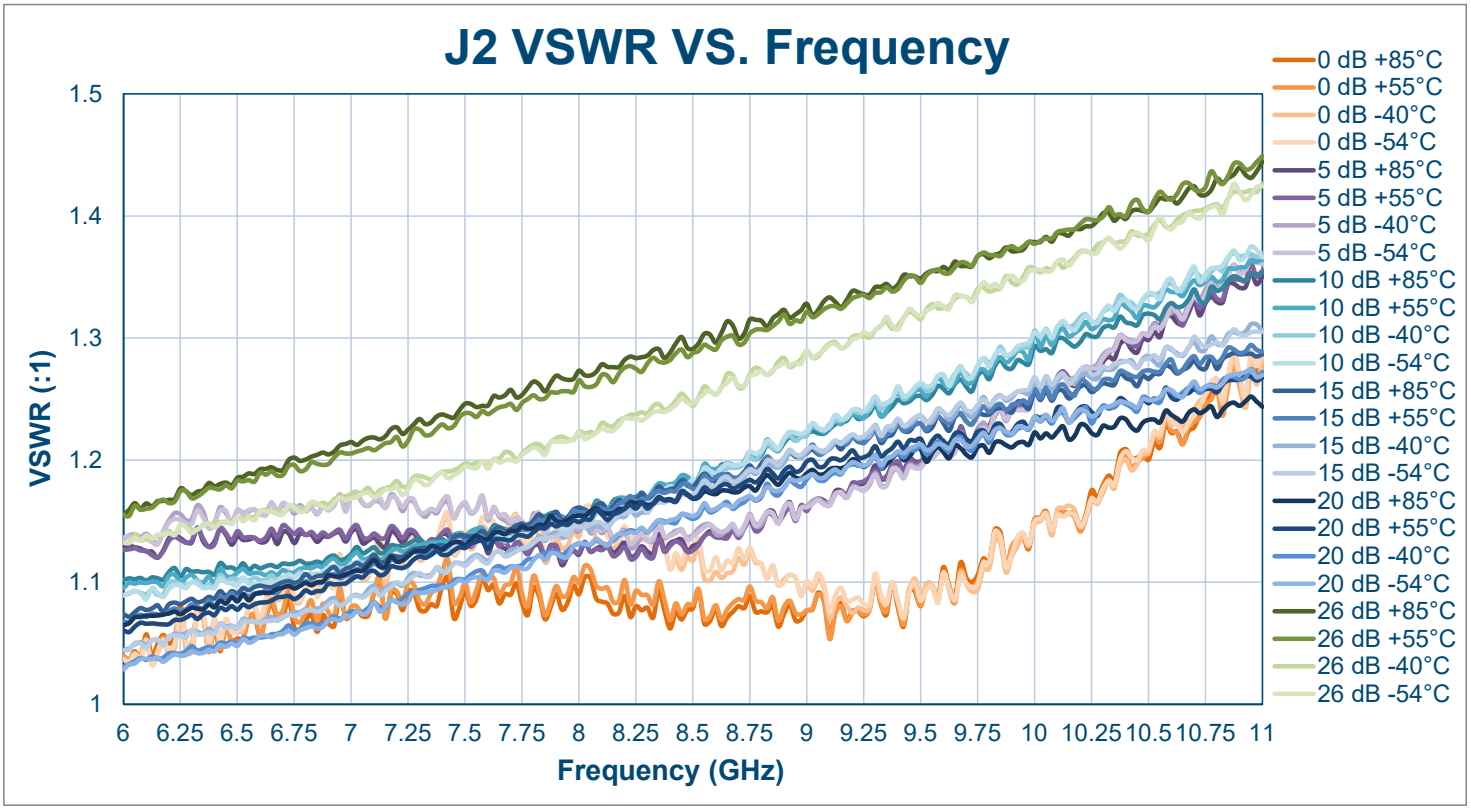

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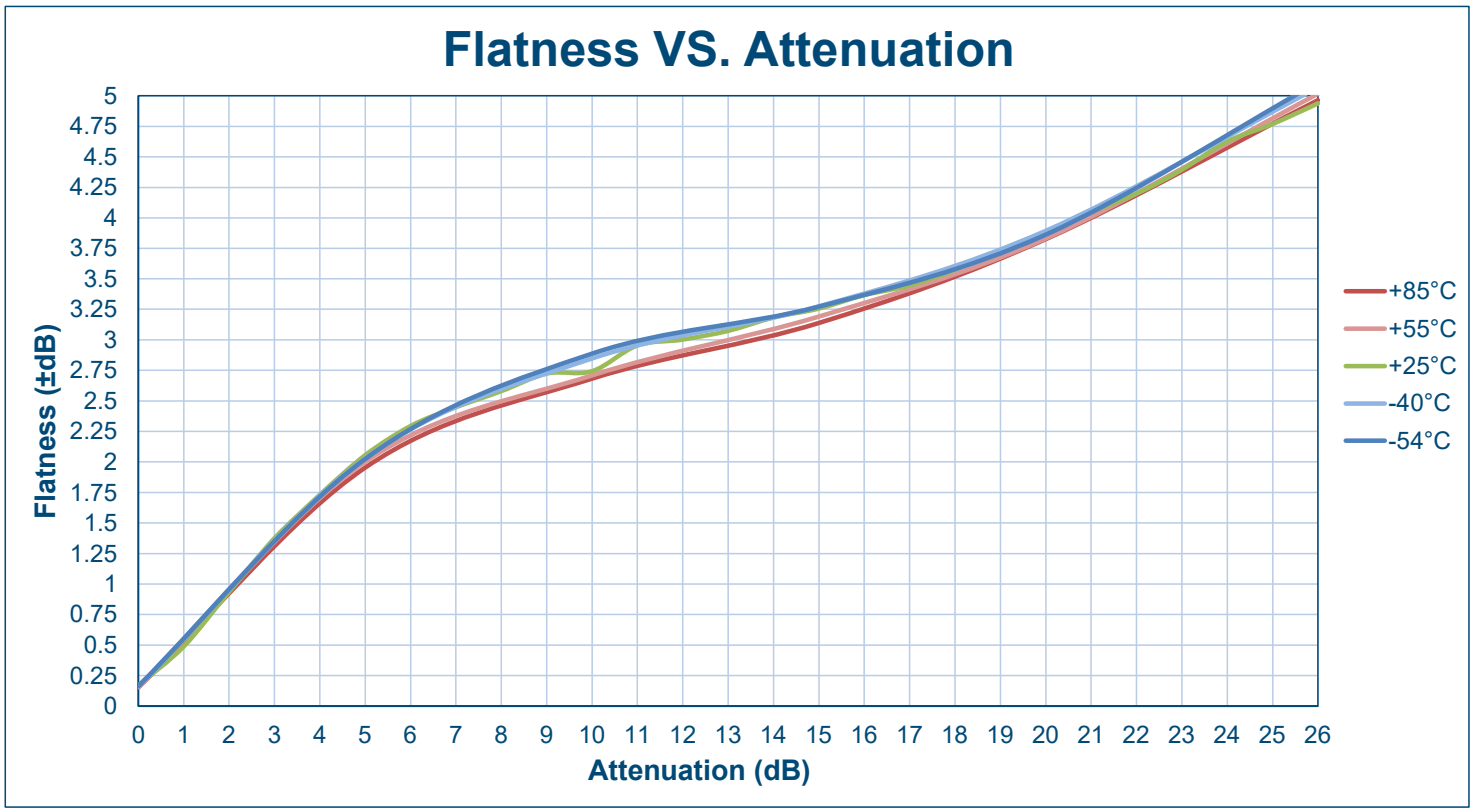

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