

**TYPICAL CHARACTERISTICS
ON
APD-2-2G18G-SFF-30W**

PMI MODEL NUMBER APD-2-2G18G-SFF-30W IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, LOW VSWR, AND HAS EXCELLENT PHASE AND AMPLITUDE BALANCE.



Reported By	Noor Azhar
Tested By	Kevin Craven
Date	March 6th 2024

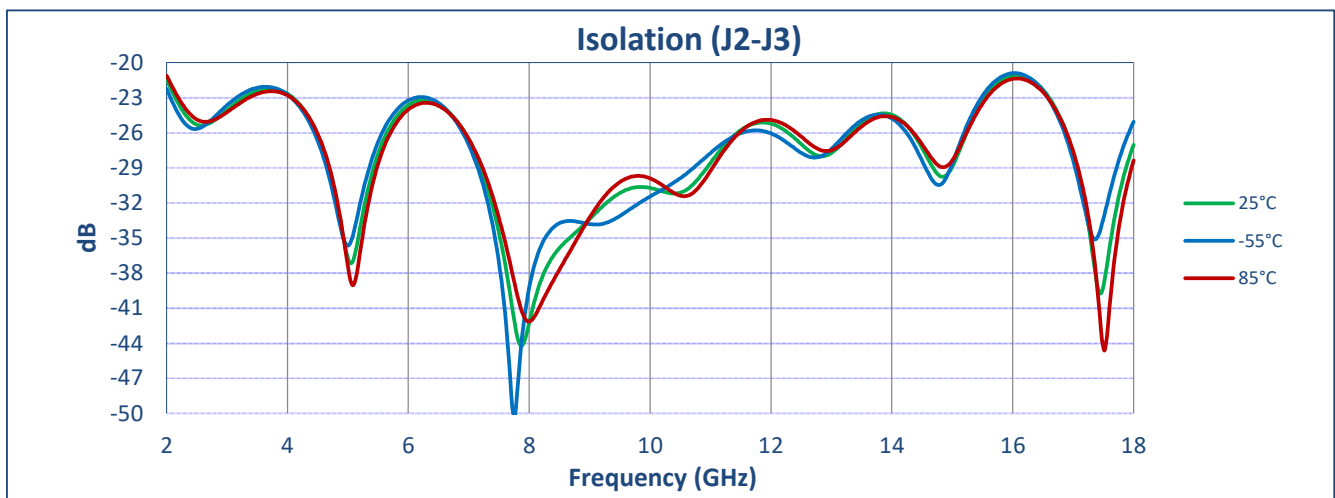
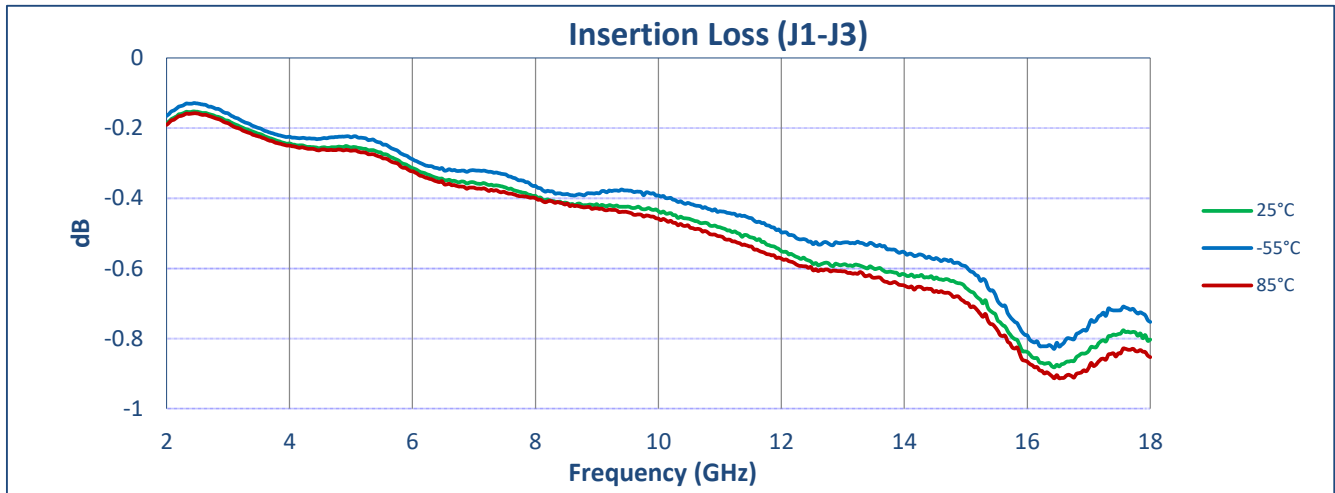
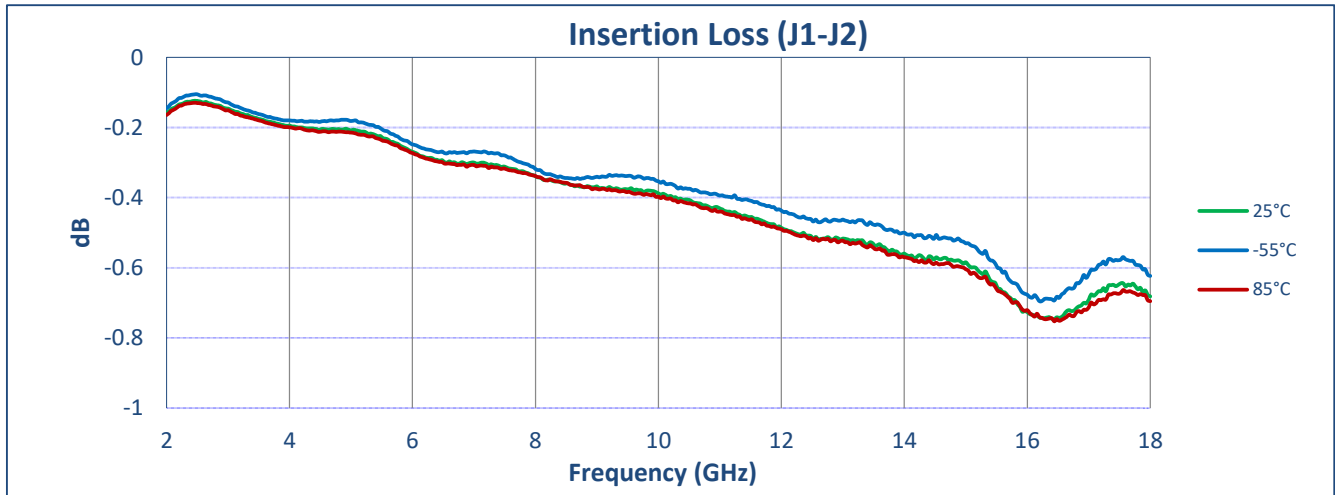
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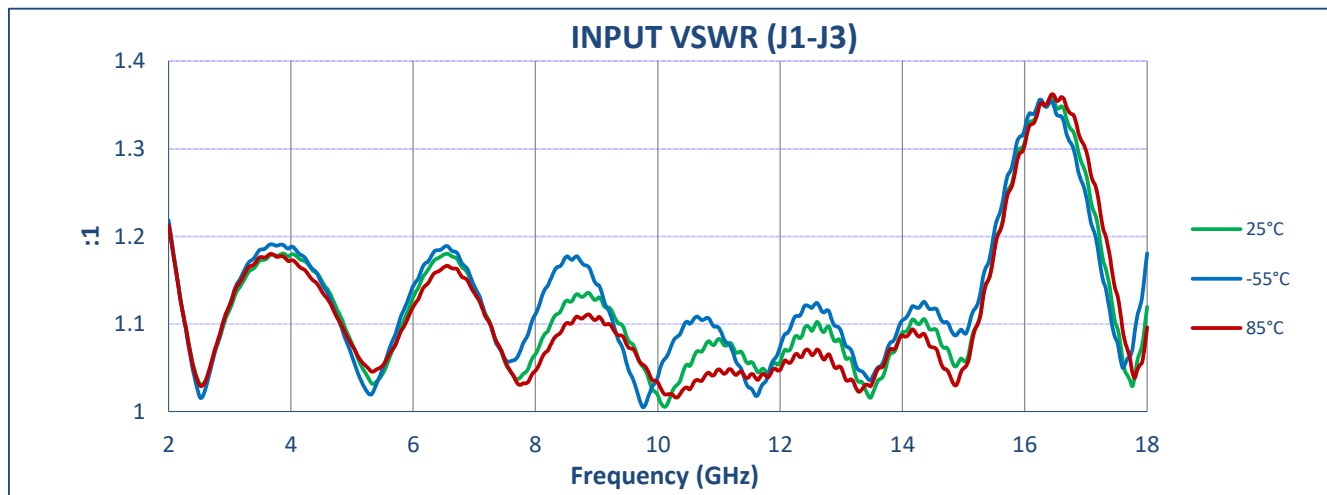
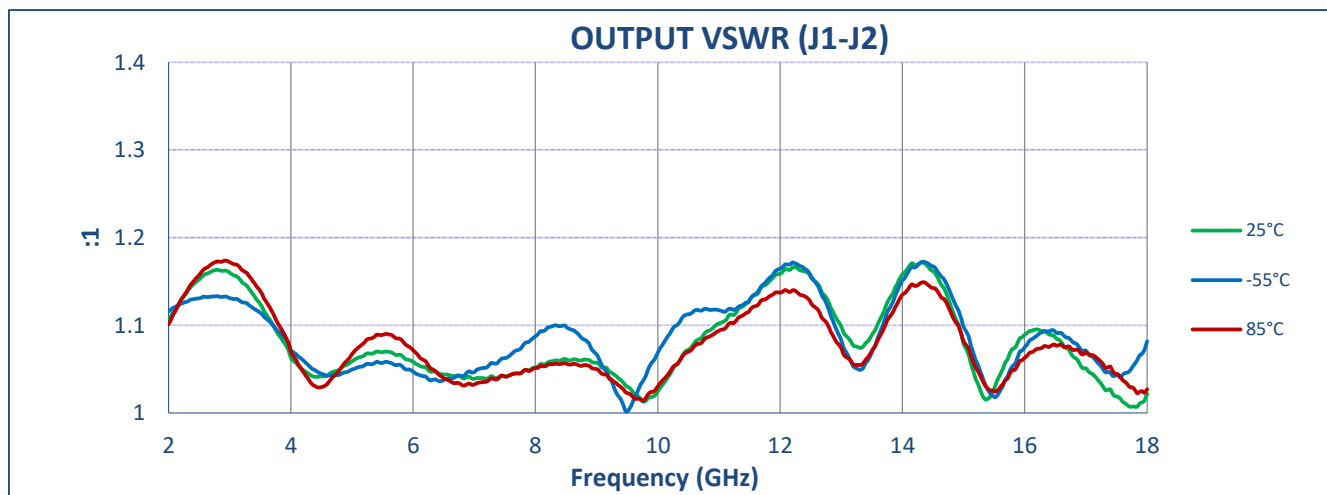
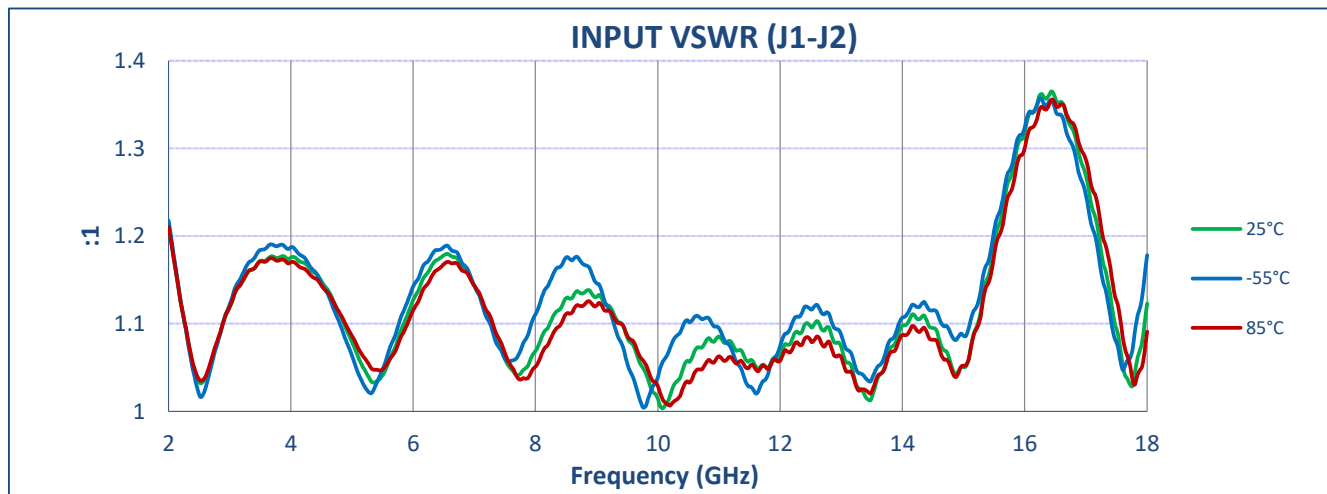
TEST DATA

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		
			25°C	-55°C	85°C
1	Frequency Range	2.0 to 18.0 GHz	2.0 GHz to 18.0 GHz		
2	Insertion Loss	1.0 dB Max. (Above 3.01 dB Split)	0.88 dB	0.83 dB	0.91 dB
3	VSWR: In/Out	1.4:1 Max.	1.37 :1	1.36 :1	1.36 :1
4	Isolation	20 dB Min.	21.1 dB	20.9 dB	21.1 dB
5	Phase Balance	±3° Max	1.04° Max 0° Min	1.92° Max 0° Min	2.33° Max 0° Min
6	Amplitude Balance	±0.3 dB Max.	0.15 dB Max 0 dB Min	0.15 dB Max 0 dB Min	0.18 dB Max 0 dB Min
7	Power Handling	Forward: 30 W Max. Reversed: 1 W Max.	Forward: 30 W Reversed: 1 W	Forward: 30 W Reversed: 1 W	Forward: 30 W Reversed: 1 W

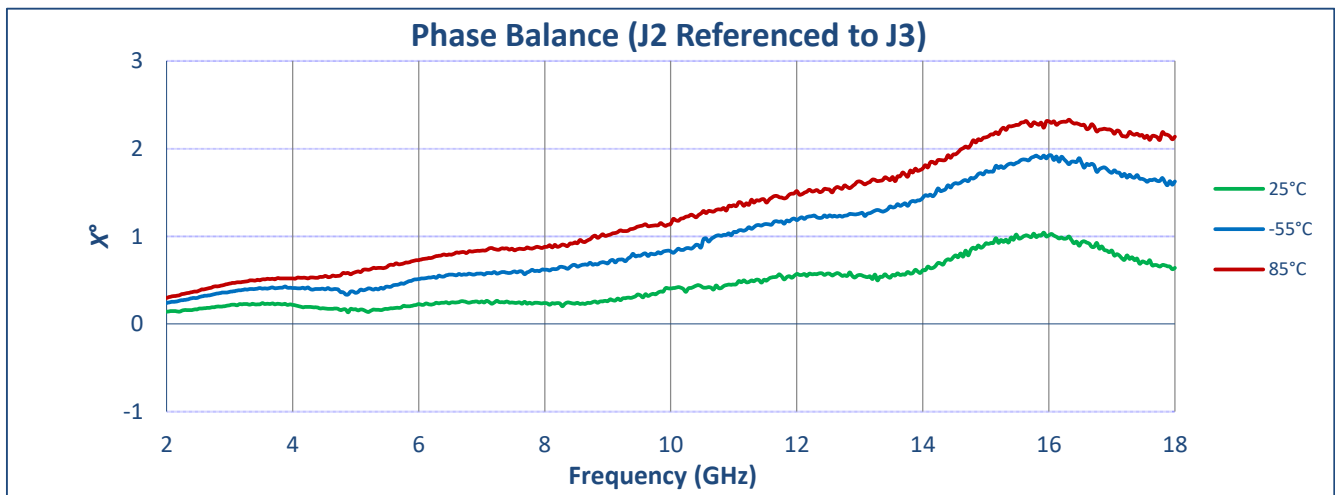
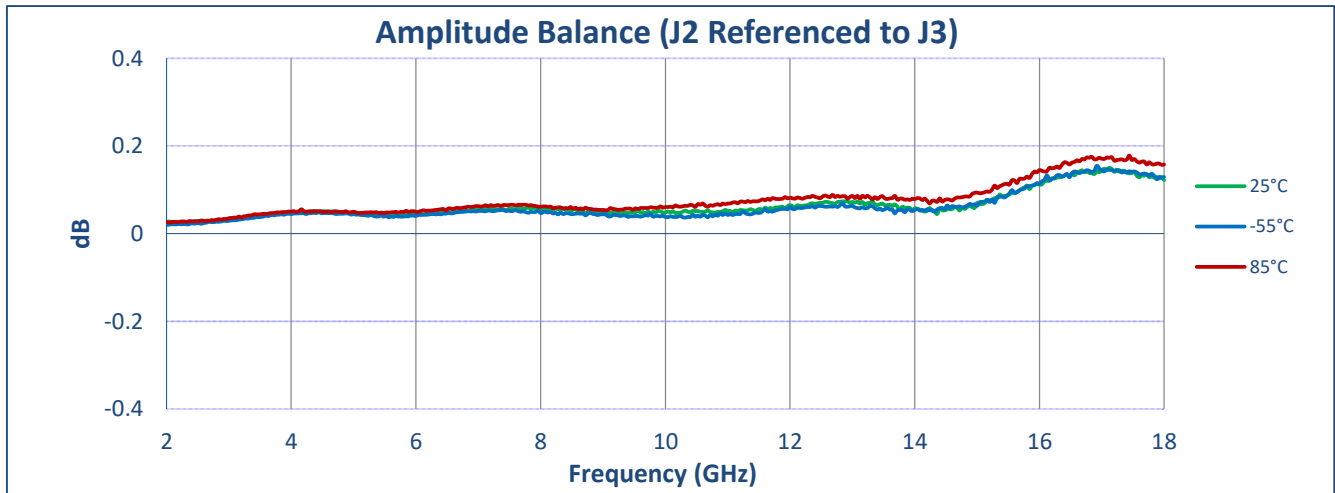
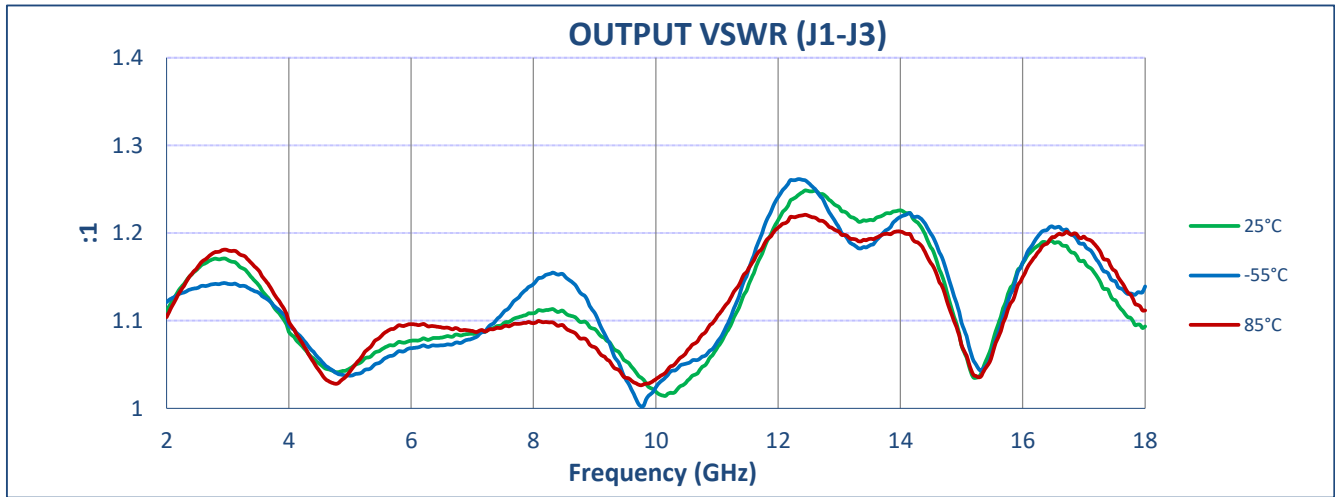
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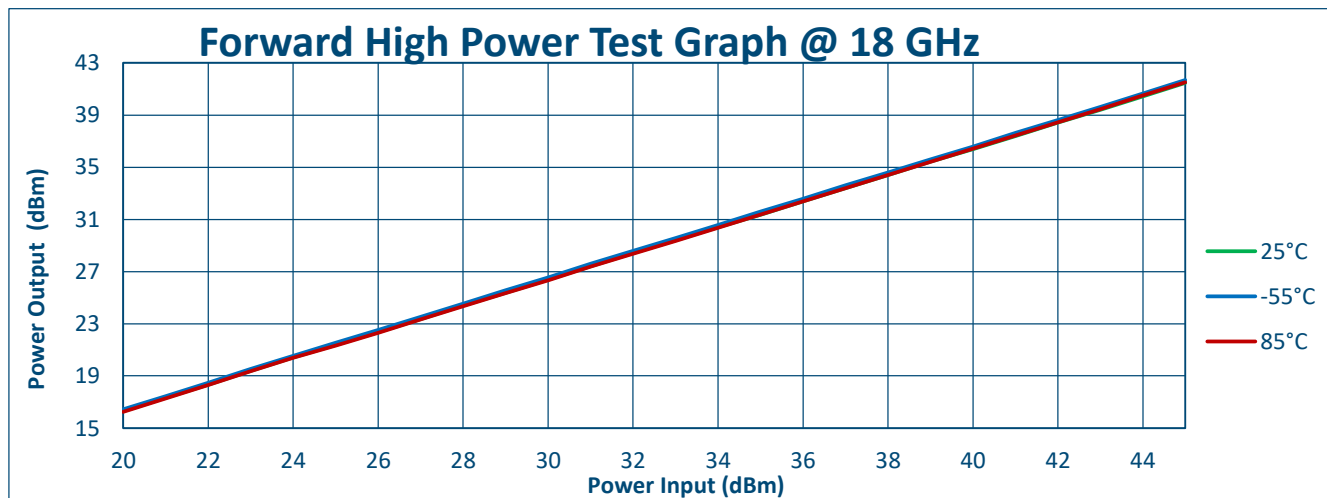
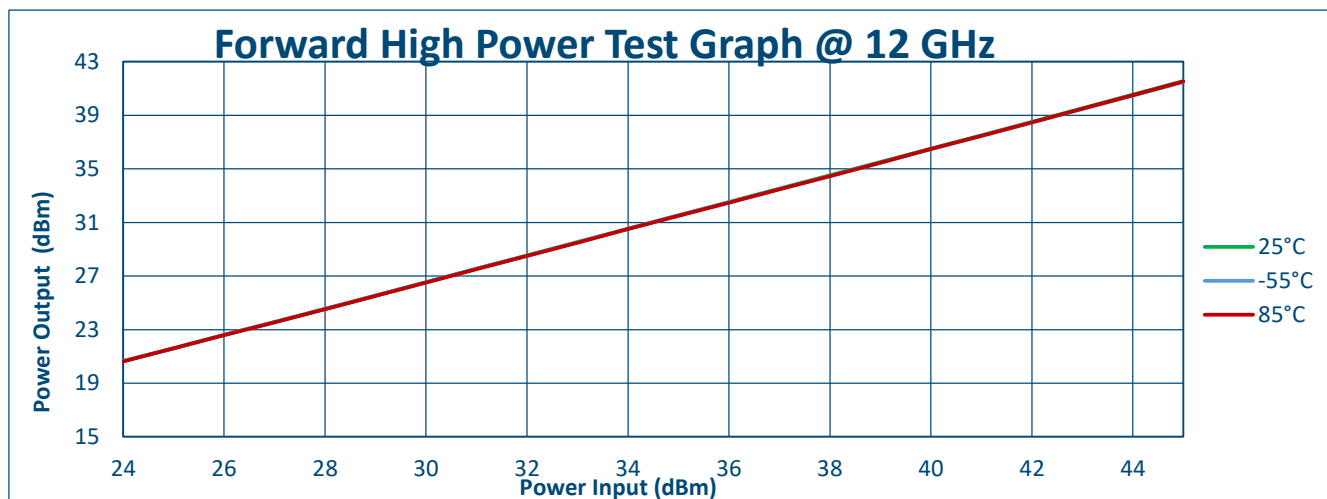
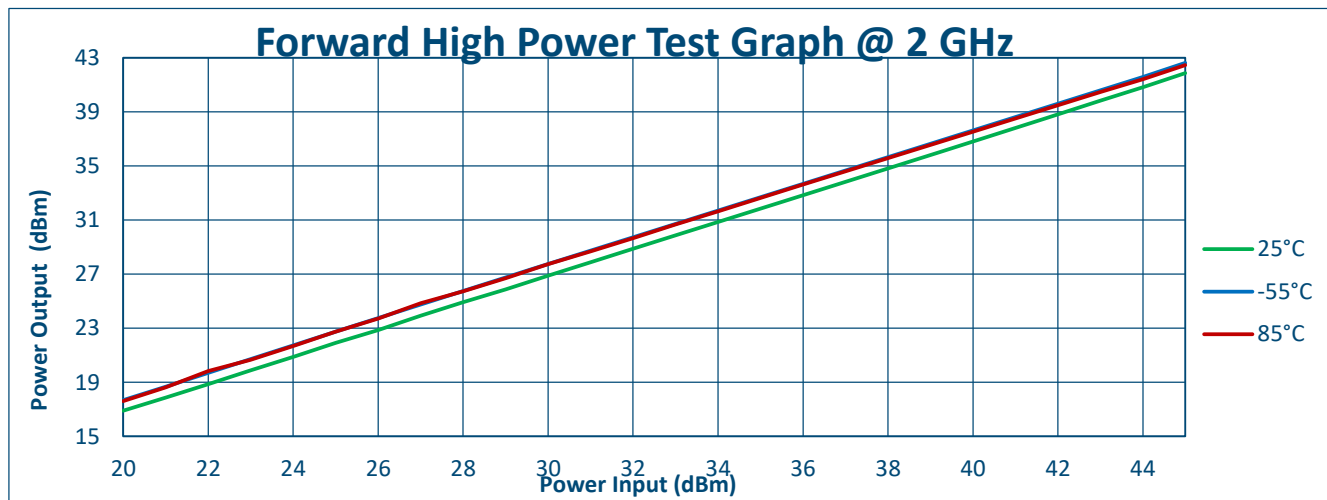


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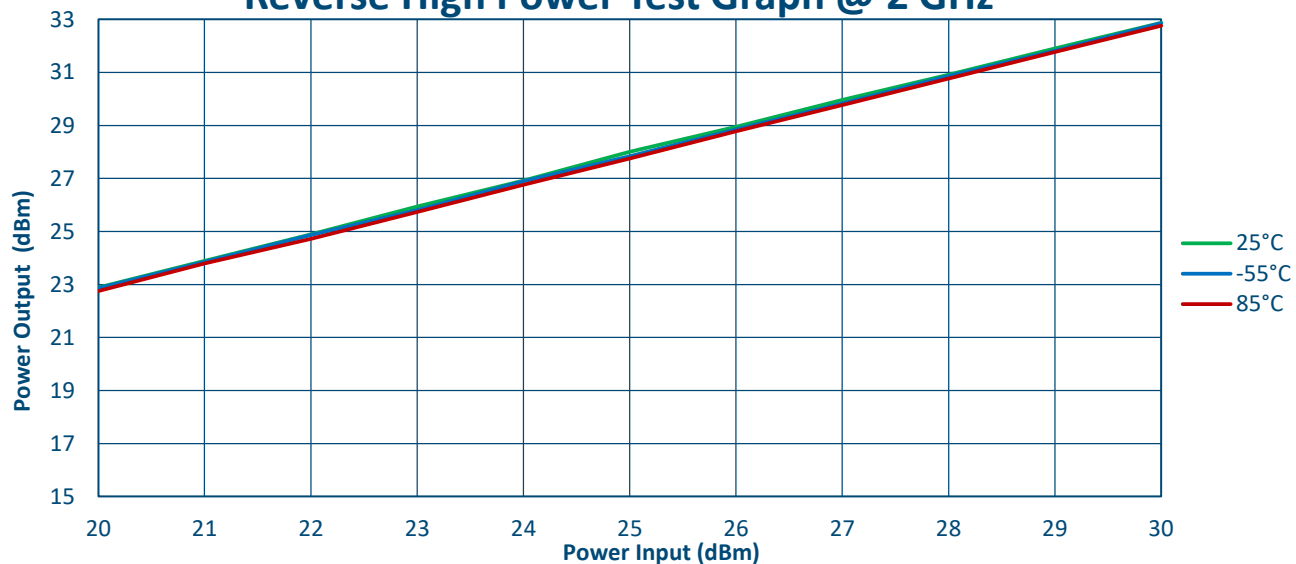


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Reverse High Power Test Graph @ 2 GHz



Reverse High Power Test Graph @ 12 GHz

