

TYPICAL
CHARACTERISTIC
ON
BRF1370-50-CD-SFF-LK

PMI MODEL BRF1370-50-CD-SFF-LK IS A BAND REJECT FILTER WITH CENTER FREQUENCY OF 1370 MHz AND NOTCH BANDWIDTH OF 60 MHz, WITH A NOTCH DEPTH OF 50 dB, RATED FOR RF POWER UP TO 10W.



TESTED BY: E Kretz
REPORTED BY: S Azhar
DATE: 11/26/2025

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DESCRIPTION:

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SPECIFICATIONS:

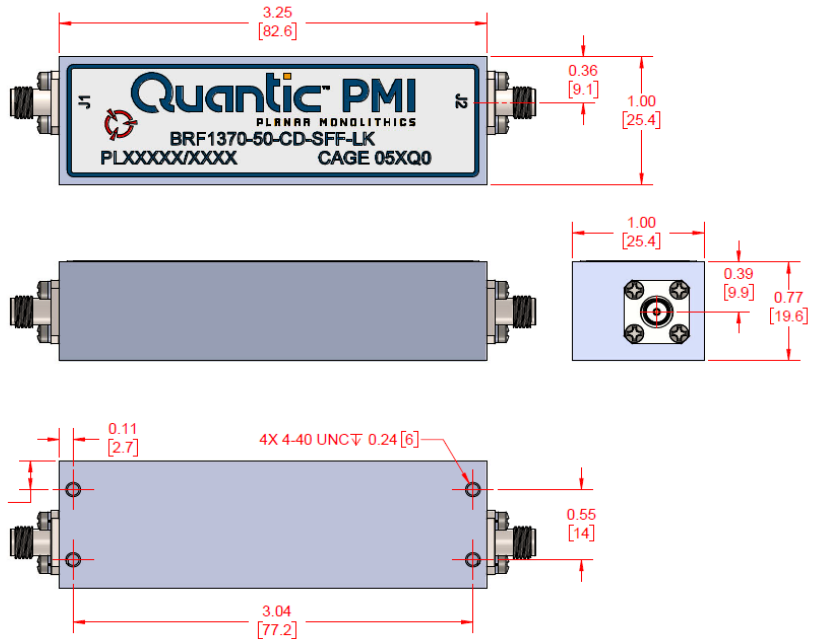
- CENTER FREQUENCY:..... 1370 MHz
- NOTCH BANDWIDTH:..... 60 MHz
- NOTCH DEPTH:..... 50 dB
- PASSBAND INSERTION LOSS:..... 1.5 dB MAX
- INSERTION LOSS @ 2700 MHz:..... 3 dB MAX
- PASSBAND VSWR:..... 1.6:1 MAX
- LOWER PASSBAND:..... DC-1200 MHz
- UPPER PASSBAND:..... 1450-2700 MHz
- MAX RF POWER:..... 10 W MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE
- SIZE:..... 3.25" X 0.77" X 1.00"

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -10°C TO +65°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107 COND. A

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/8/2018	



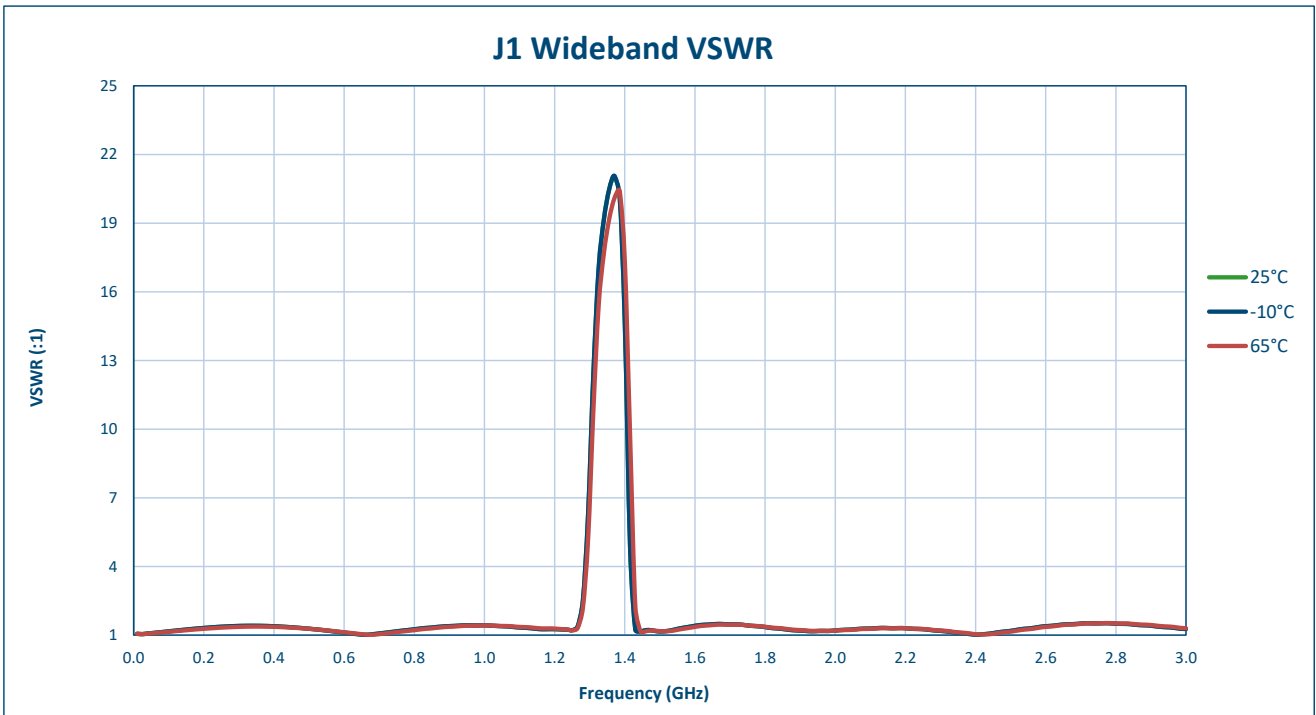
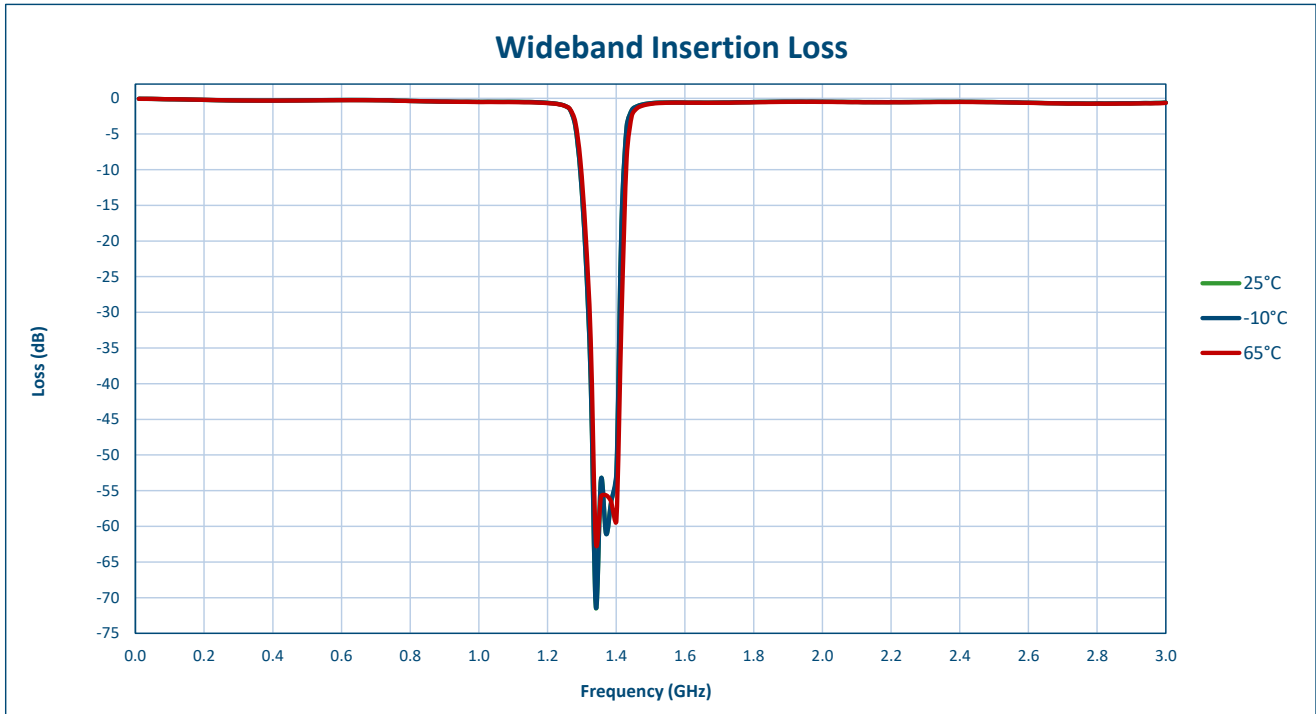
PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS		DATE	TITLE	
DRAWN	S. AZHAR	9/8/2018	OUTLINE	
DESIGNED			BRF1370-50-CD-SFF-LK	
SCALE	1:1		REV	A1
			SIZE	27052940
			REV	B 05XQ0
			SCALE	1:1
				SHEET 1 OF 1

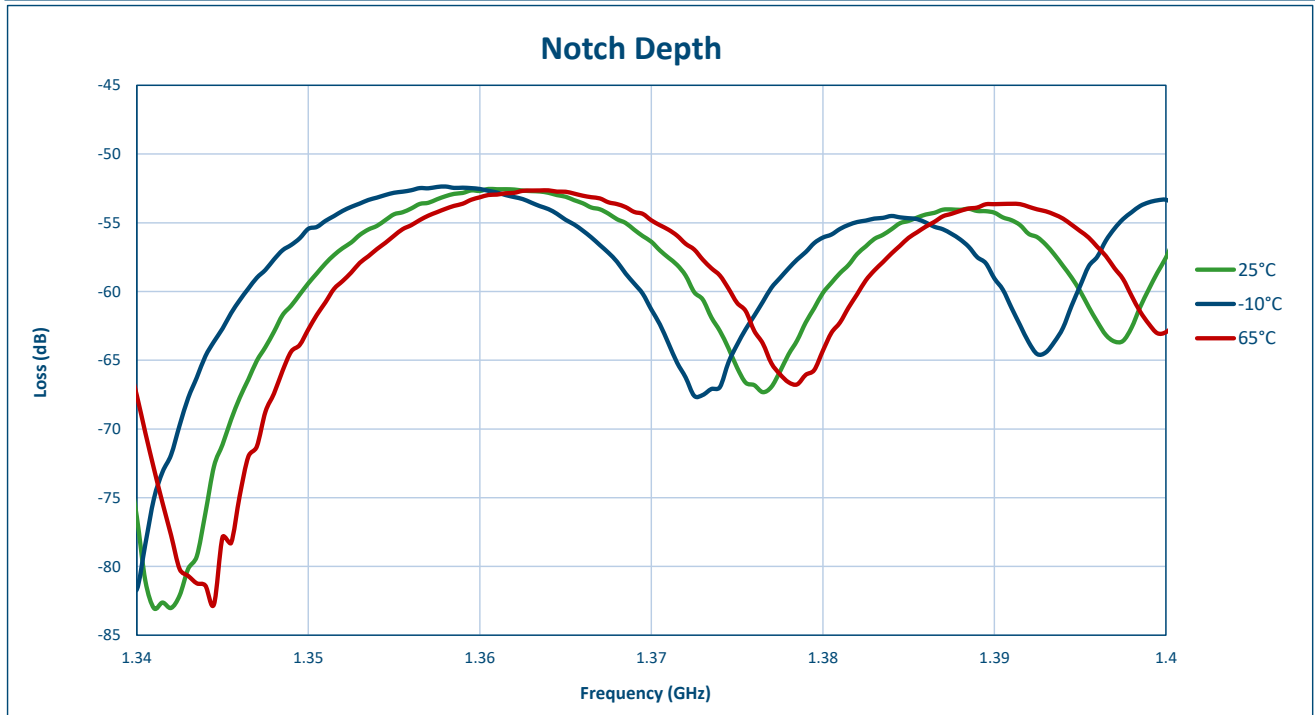
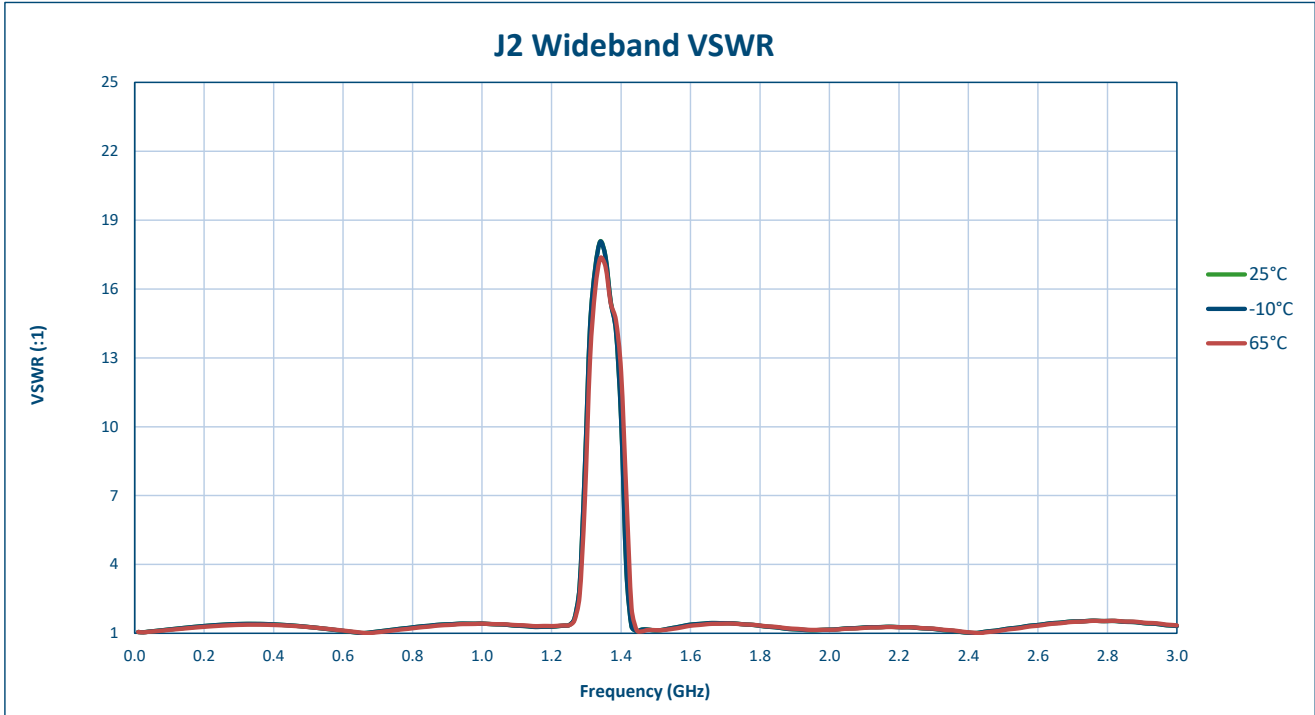
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TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		
			25°C	-10°C	65°C
1	Center Frequency:	1370 MHz	1370 MHz		
2	Notch Bandwidth:	60 MHz	60 MHz		
3	Notch Depth:	50 dB	52.54 dB	52.36 dB	52.64 dB
4	Passband Insertion Loss:	1.5 dB Max	0.46 dB	0.46 dB	0.49 dB
5	Insertion Loss @ 2700 MHz:	3 dB Max	0.71 dB	0.7 dB	0.72 dB
6	Passband VSWR:	1.6:1 Max	1.52:1	1.52:1	1.5:1
7	Lower Passband:	DC - 1200 MHz	DC - 1200 MHz		
8	Upper Passband:	1450 - 2700 MHz	1450 - 2700 MHz		
9	MAX RF POWER	10 W	10 W		

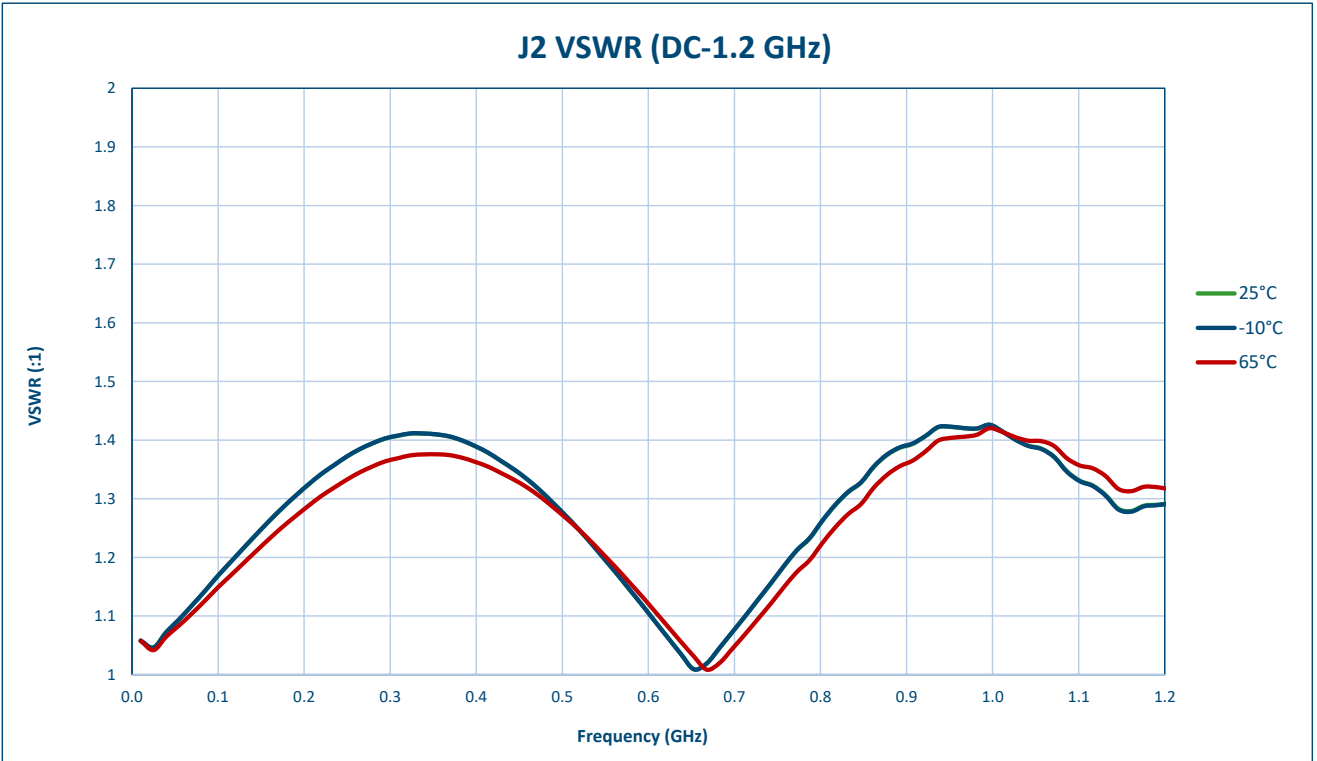
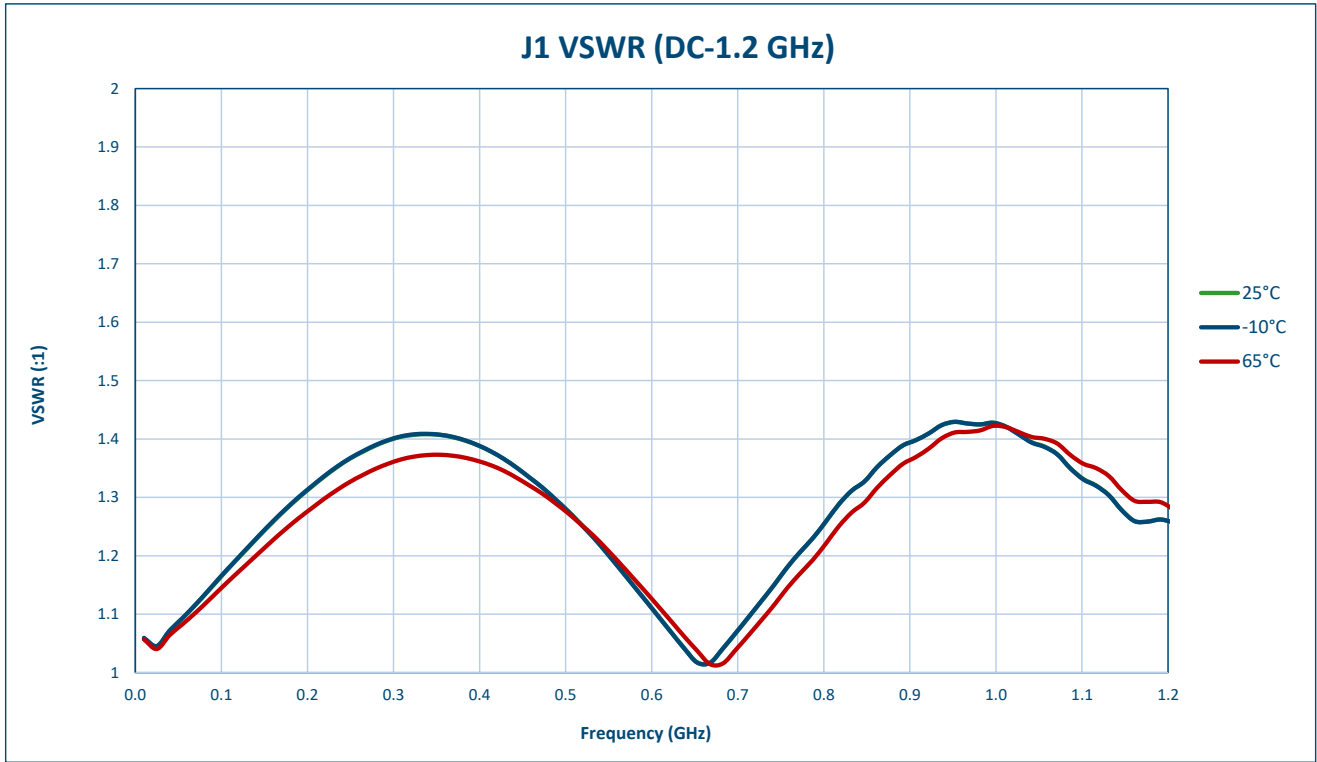
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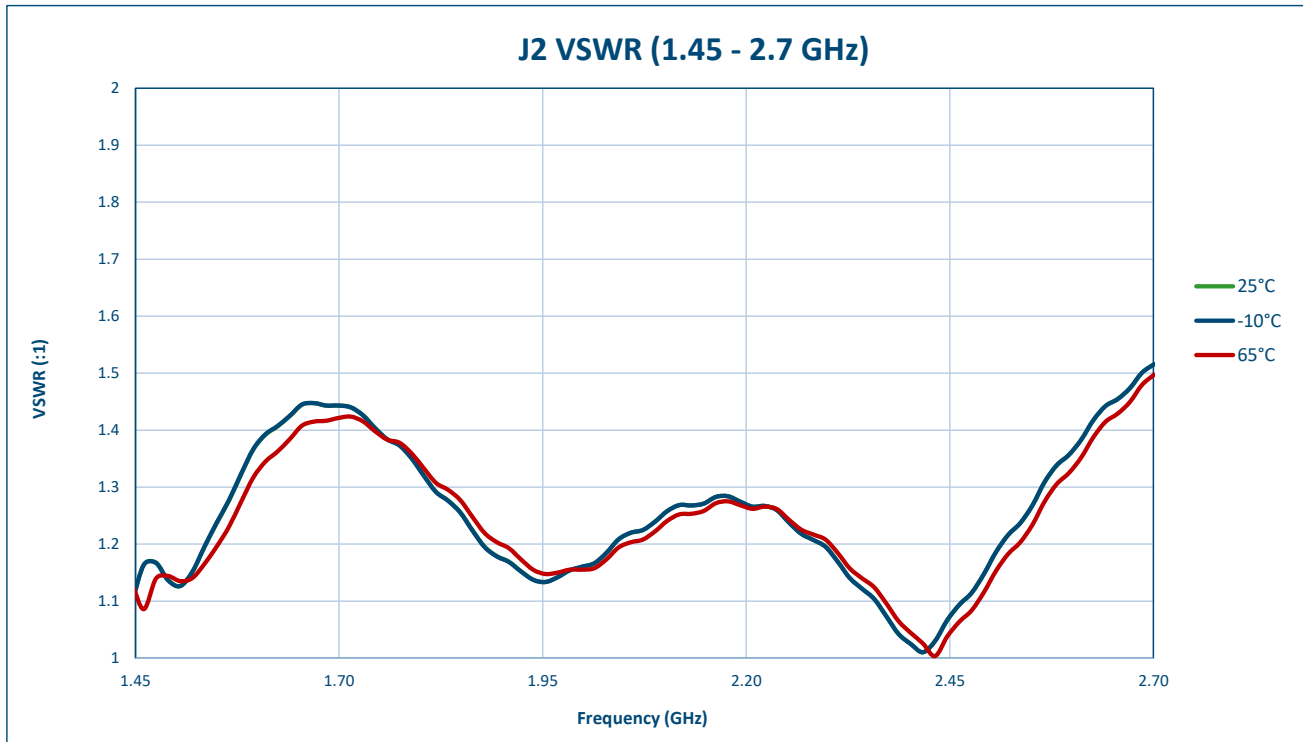
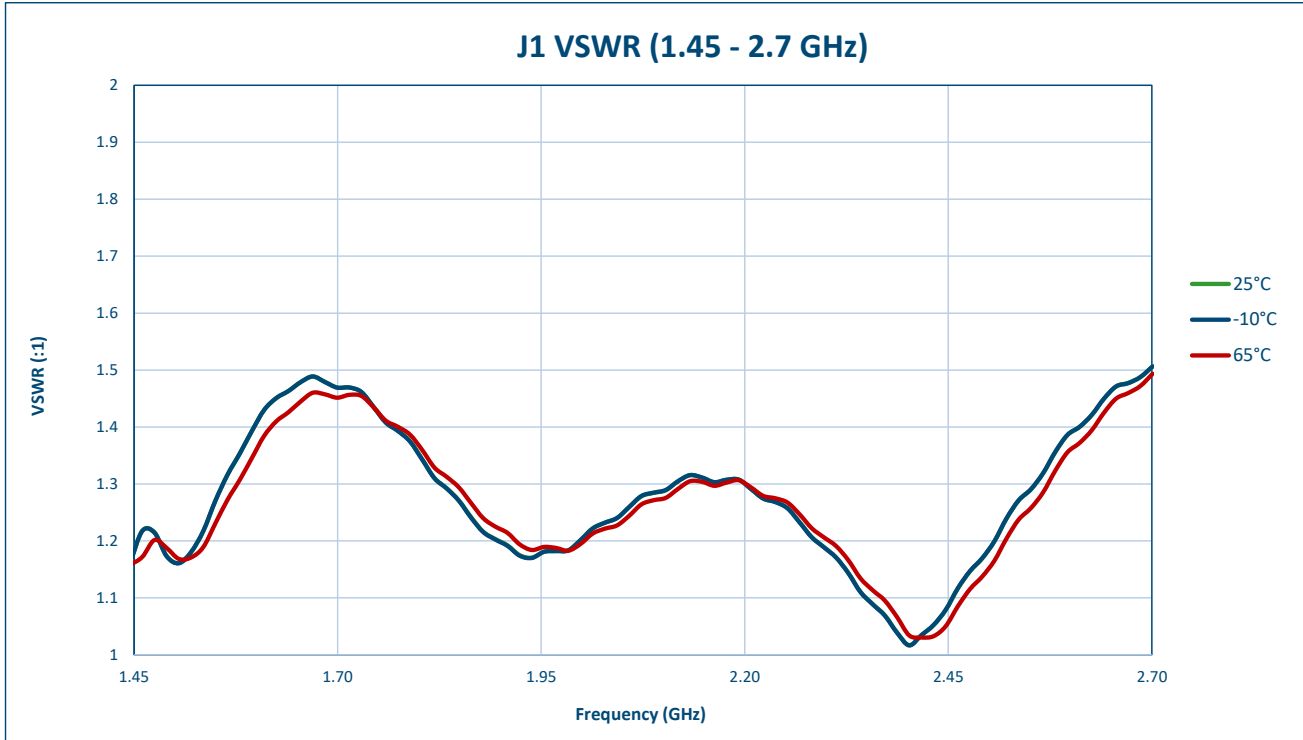
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