



Typical Characteristics For JTIDS-0001-TNC

PMI MODEL NUMBER JTIDS-0001-TNC IS A JTIDS-BAND NOTCH FILTER WITH 40-dB REJECTION OVER 250-MHz NOTCH BAND. ITS INPUT AND OUTPUT CONNECTORS ARE TNC FEMALE.



August 6, 2018

**Designed by: TS
Reported by: TS**

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Typical Characteristics For JTIDS-0001-TNC

Product Feature

DESCRIPTION

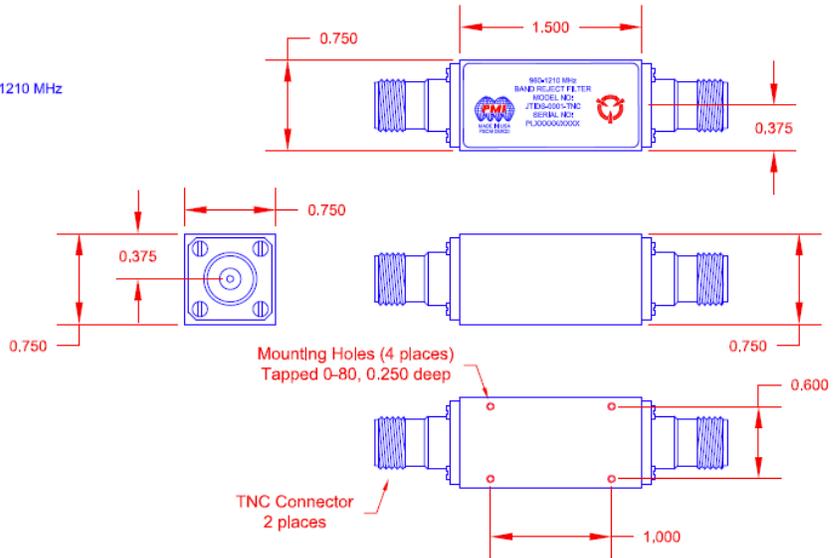
PMI MODEL: JTIDS-0001-TNC IS AN ULTRA SMALL BAND REJECT FILTER CENTERED AT 1085 MHz. THIS FILTER REJECTS FROM 960 TO 1210 MHz AND WAS SPECIFICALLY DESIGNED FOR MILITARY JTIDS APPLICATIONS

SPECIFICATIONS

- CENTER FREQUENCY: _____ 1085 MHz
- NOTCH BANDWIDTH _____ 250 MHz
- PASSBAND INSERTION LOSS _____ 6.0 dB
- PASSBAND VSWR _____ 2.0:1 Typ.
- REJECTION _____ -40 dBc @ 960 TO 1210 MHz
- CONNECTORS IN/OUT _____ TNC FEMALE
- SIZE _____ 1.5" x 0.75" x 0.75"
- FINISH _____ BLUE PAINT

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/12/18	

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE: _____ -40 °C TO +85 °C (OPERATING)
_____ -40 °C TO +100 °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 107D COND. A

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

ALL DIMENSIONS ARE IN INCHES (mm)
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN	<i>EMF</i>	08/9/17	PRODUCT FEATURE			
REDRAWN	NJA	8/10/18	JTIDS-0001-TNC			
ISSUED			SER.	FORM NO.	DWG NO.	
			A	05XQ0	27034841	A1
			SCALE	N:S	SHEET	1 OF 1

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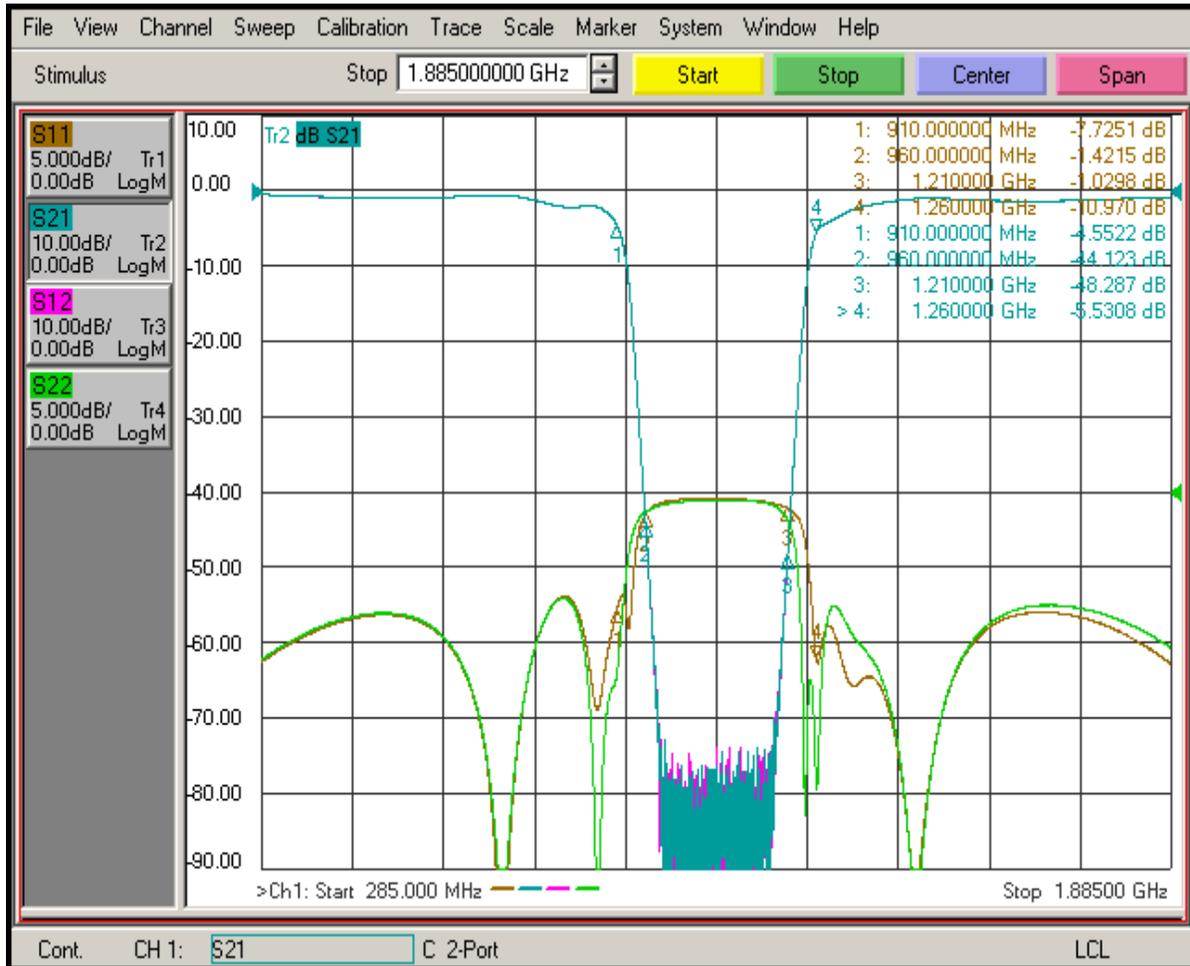
Summary Test Data

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Center Frequency:	1085 MHz	1085 MHz	
2	Notch Bandwidth	250 MHz	250 MHz	
3	Passband Insertion Loss	6 dB	< 6 dB	
4	Passband VSWR	2.0:1 Typ	2.5:1	
5	Rejection	-40 dBc @ 960 to 1210 MHz	< -40 dBc	



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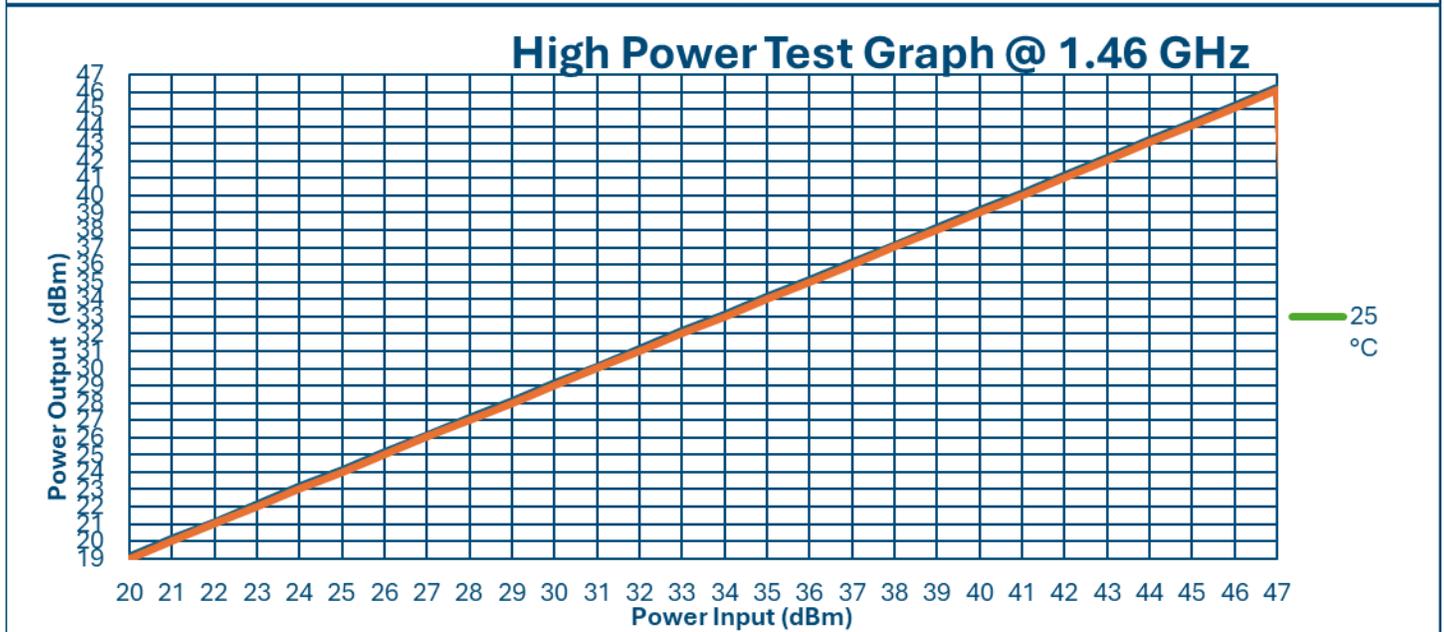
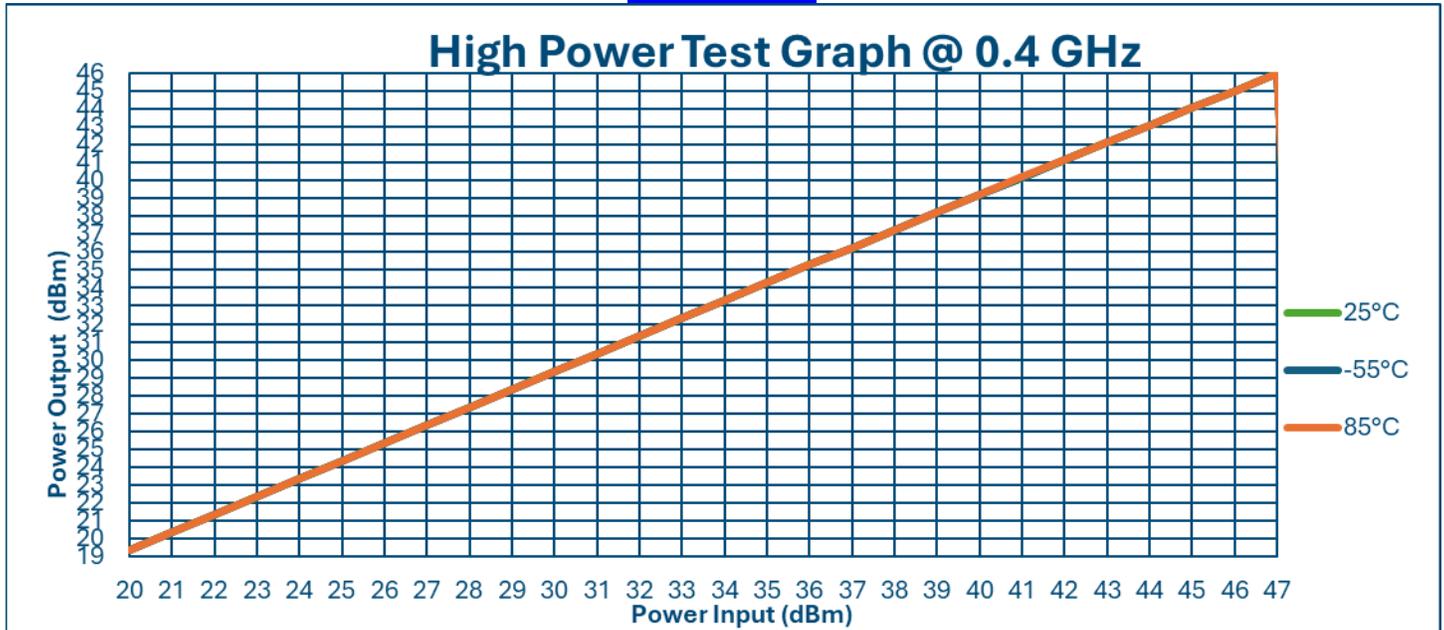
Measured Data





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High Power



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