

**SUMMARY TEST DATA  
ON  
PXS-10M1G-80-T-SFF**

61299

Customer: _____	Tested By: <u>H. Gonzales. / Jerry N.</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PXS-10M1G-80-T-SFF</u>	Date: <u>11/21/16</u>
Serial No: <u>61299</u>	Drawing No: <u>27626843</u> Rev: <u>A1</u>
Part No: _____	

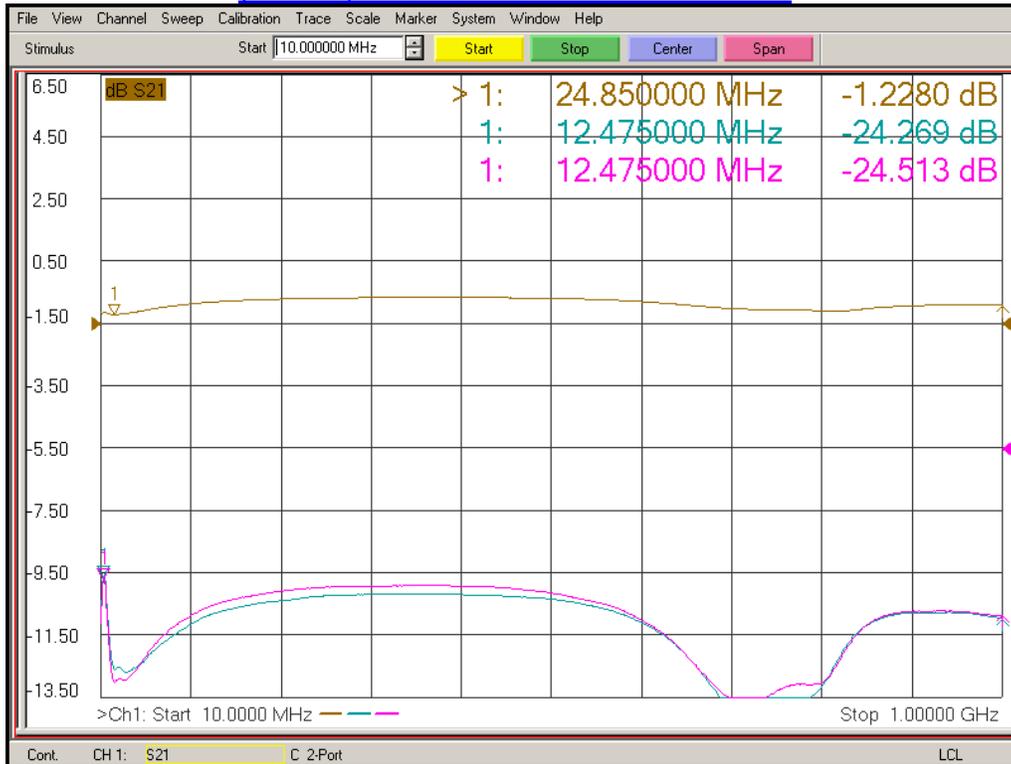
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.010 GHz TO 1.0 GHz	<b>0.010 GHz TO 1.0 GHz</b>	
2	Insertion Loss	10MHz to 1GHz 1.5dB Max	<b>1.32 dB (See Plot)</b>	
3	VSWR	1.5:1 Max	<b>1.15 :1 (See Plot)</b>	
4	Isolation	10MHz to 100MHz 65dB Min 100MHz to 1GHz 75 dB Min	<b>10MHz to 100MHz 68.56 dB 100MHz to 1GHz 78.13 dB (See Plot)</b>	
5	Switching Speed	200 ns Typ. 250 ns Max	<b>213 ns See Typical Characteristics</b>	
6	Input Power	+33dBm (2 WATTS) Max	<b>Pass</b>	
7	DC Supply	+5VDC (±0.5V) -15VDC (±3V)	<b>+5VDC 43 mA -15VDC 91 mA</b>	
8	Control Signal	TTL LOGIC "0" J1-J2, J3-J4 = Insertion Loss J1-J4, J2-J3 = Isolation TTL LOGIC "1" J1-J4, J2-J3 = Insertion Loss J1-J2, J3-J4 = Isolation	<b>Pass</b>	

QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_

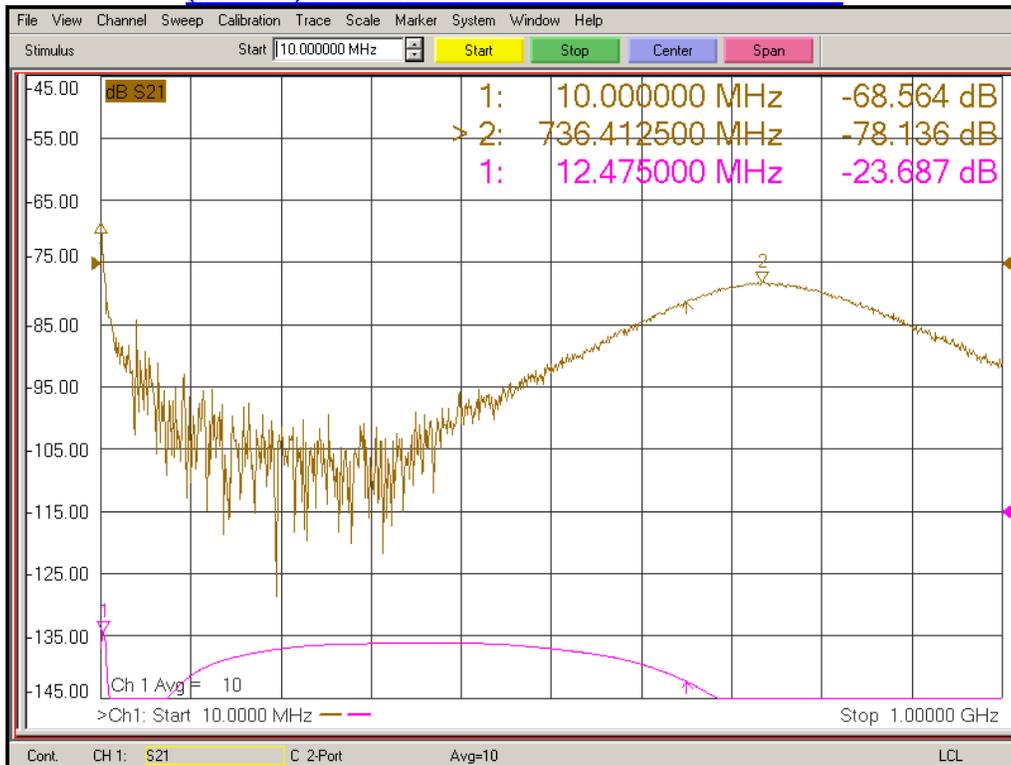
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**(J1 – J2) Insertion Loss and Return Loss**



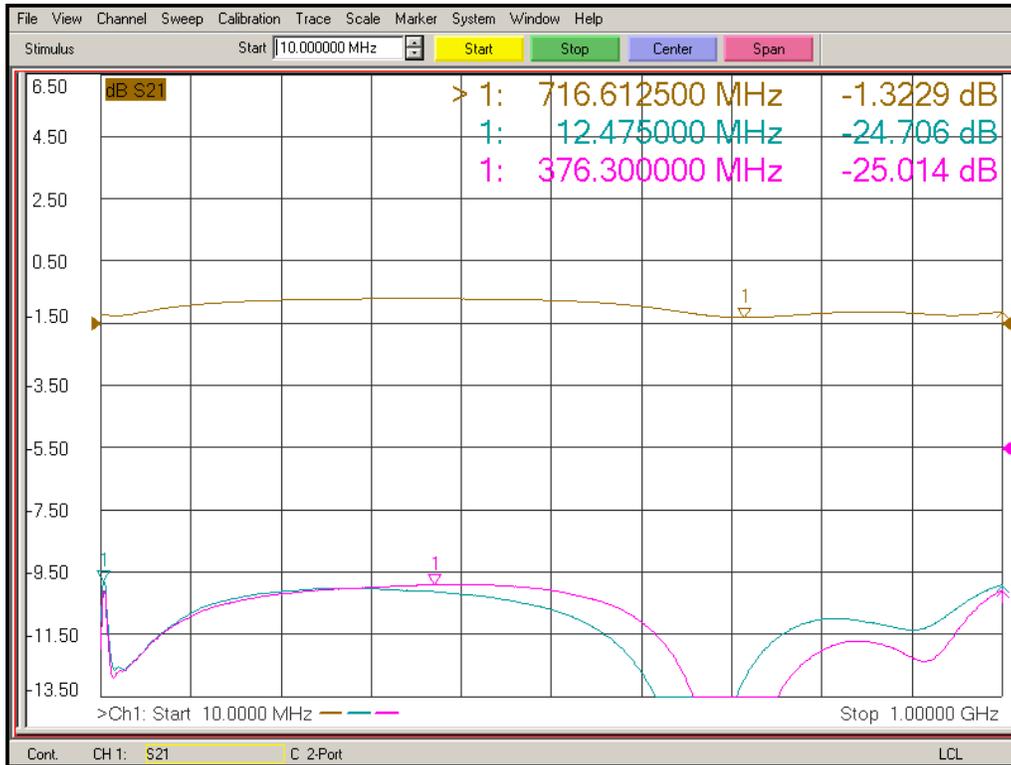
**(J1 – J2) Isolation and Termination Return Loss**



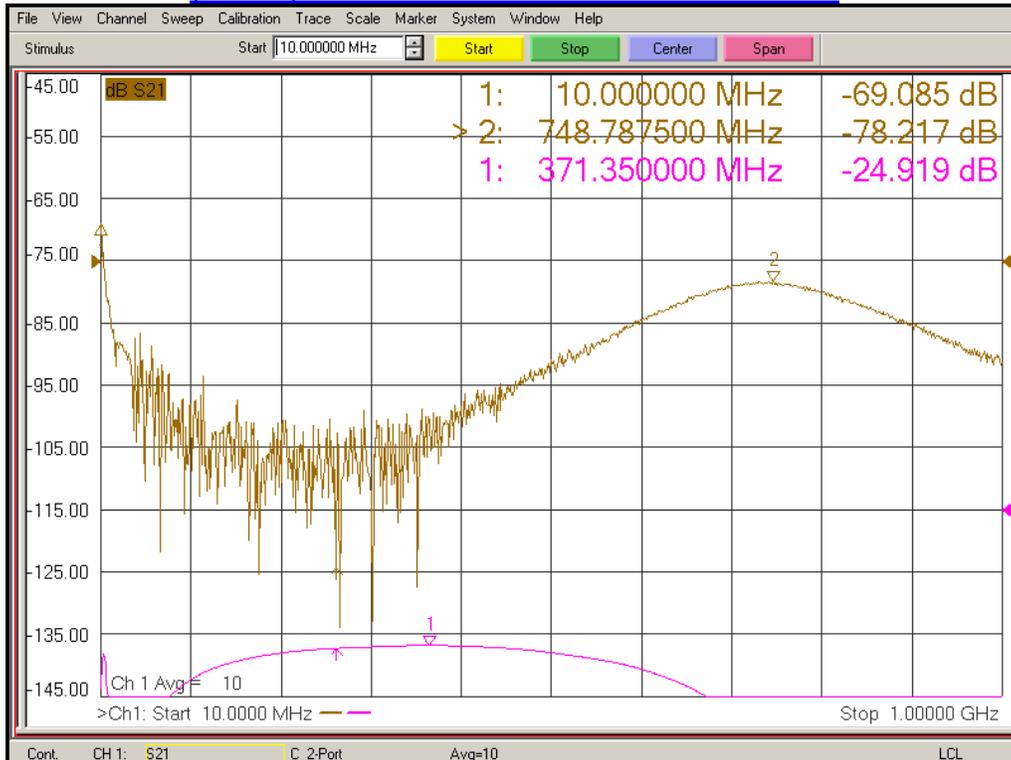
**(J3 – J4) Insertion Loss and Return Loss**

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**(J3– J4) Isolation and Termination Return Loss**



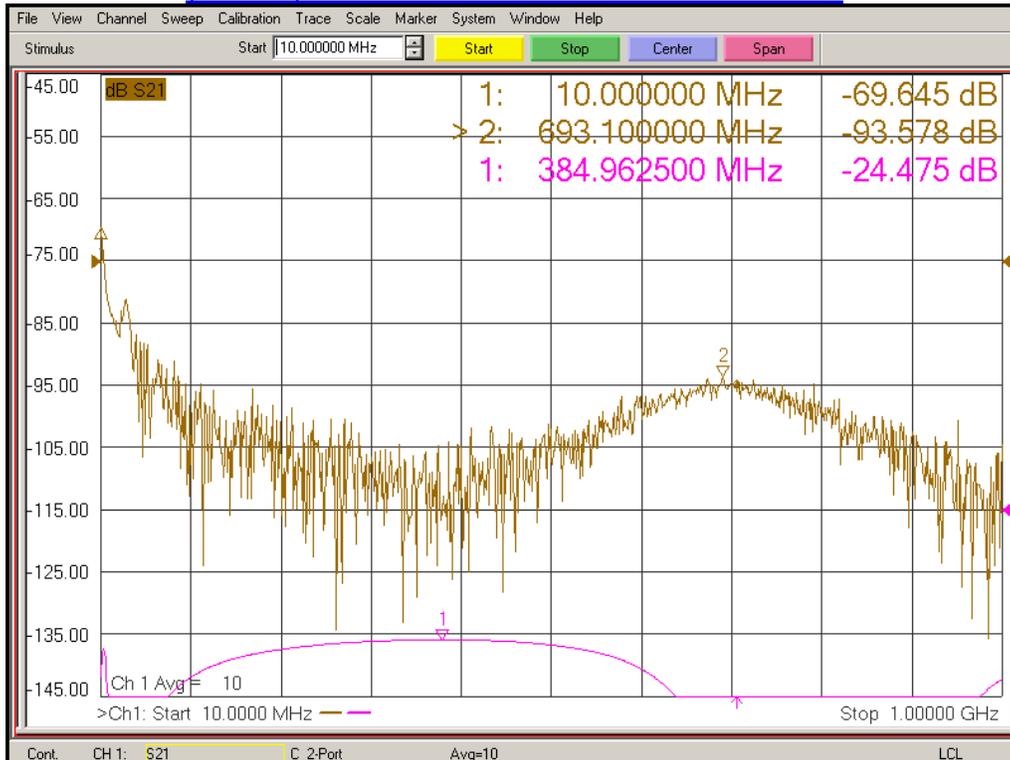
**(J1 – J4) Insertion Loss and Return Loss**

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### (J1 – J4) Isolation and Termination Return Loss



### (J2 – J3) Insertion Loss and Return Loss

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## (J2 – J3) Isolation and Termination Return Loss

