



**SUMMARY TEST DATA
ON
PXS-6G18G-60-T-SFF-SP**

PL32165/2117

Customer: _____ Tested By: L. McGraw
 SO No: _____ Temperature: +25°C
 Model No: PXS-6G18G-60-T-SFF-SP Date: 4/30/2021
 Serial No: PL32165/2117 Drawing No: 27639640 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range	6.0 TO 18.0 GHz	6.0 TO 18.0 GHz	PMI QA 2	
2	Impedance	50 Ohms	50 Ohms		
3	Insertion Loss	3.5 dB Max	3.2 dB (See Plot)		
4	Insertion Loss Ripple	±0.75dB Max	Pass		
5	VSWR	2.0:1 Max	1.6:1 (See Plot)		
6	Isolation	60 dB Min	74 dB (See Plot)		
7	Switching Speed	70 ns Max (50% TTL to 10%/90% RF)	See Typical Characteristics		
8	Rise/Fall Time	70ns (10% / 90% RF)	See Typical Characteristics		
9	Switching Rate PRF	1 MHz	See Typical Characteristics		
10	Video Leakage	50mv P-P at 350MHz BW	See Typical Characteristics		
11	Input Power	+27dBm (0.5 WATT) Max	Pass		
12	DC Supply	+5VDC (±5%) / 120mA Max (VDC + CTL Lines) -12VDC (±5%) / 120mA Max	+5V @ 52mA -12V @ 72mA		
13	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	Pass		PMI QA 2

QA/QC Approval: 

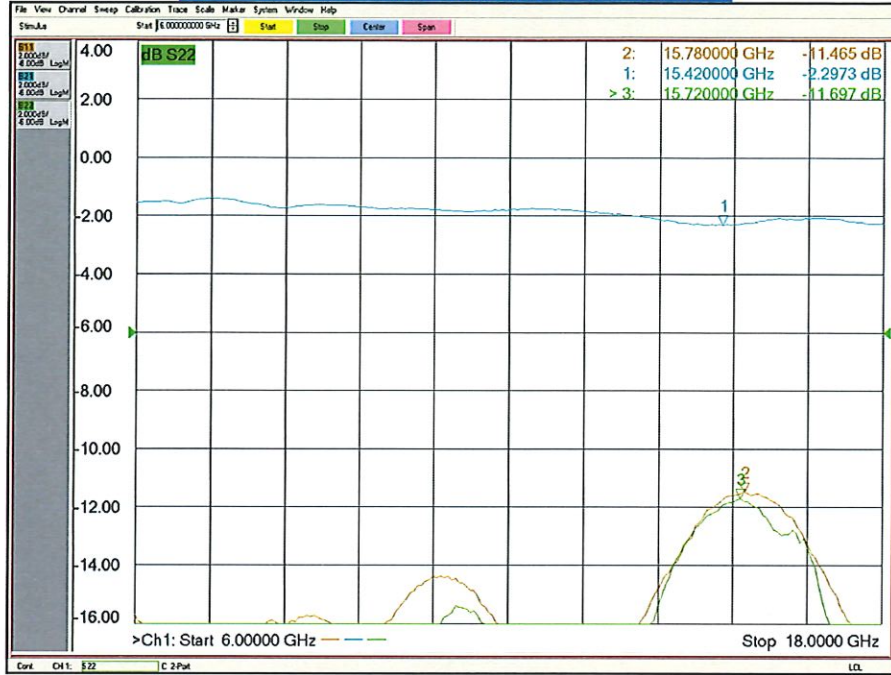
PMI QA 2 Date: 4/30/21



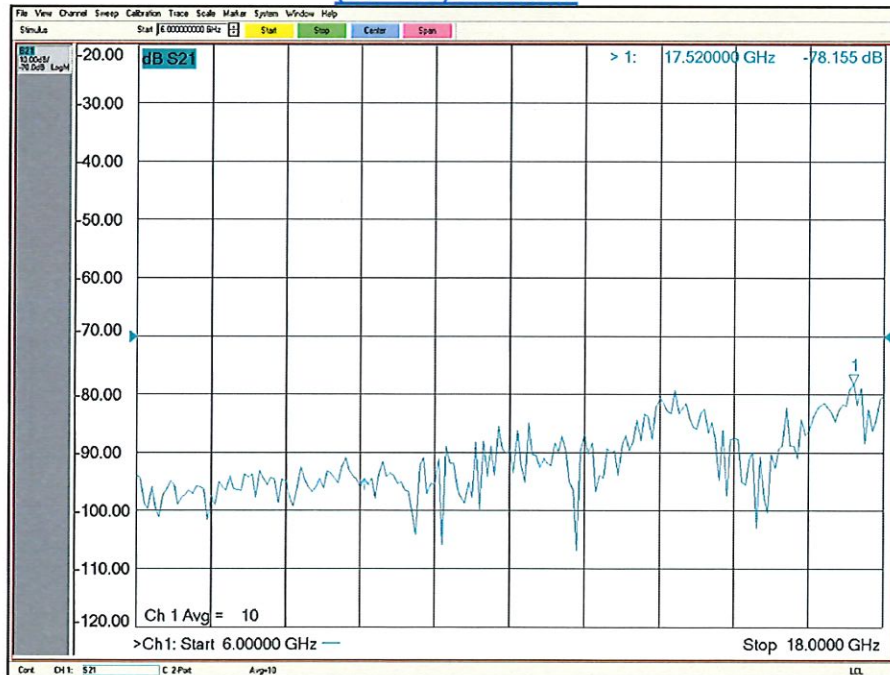
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(J1 – J2) Insertion Loss and Return Loss



(J1 – J2) Isolation

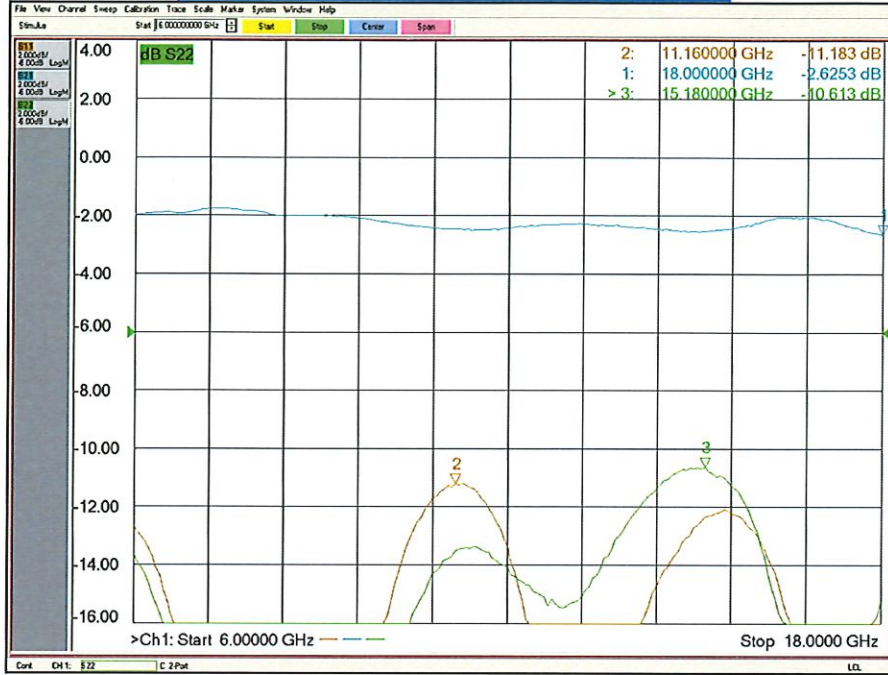




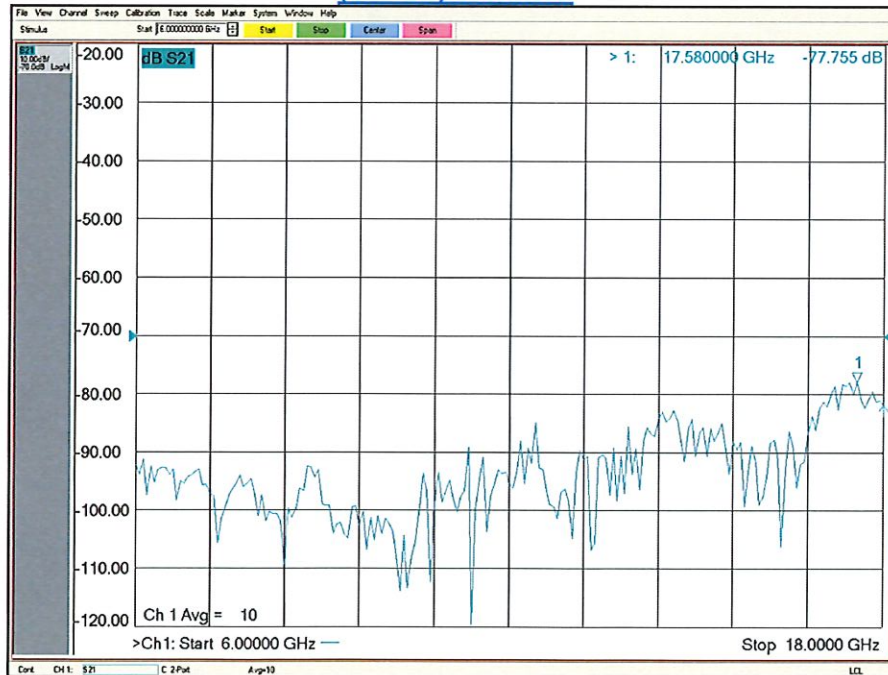
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(J3 – J4) Insertion Loss and Return Loss



(J3 – J4) Isolation

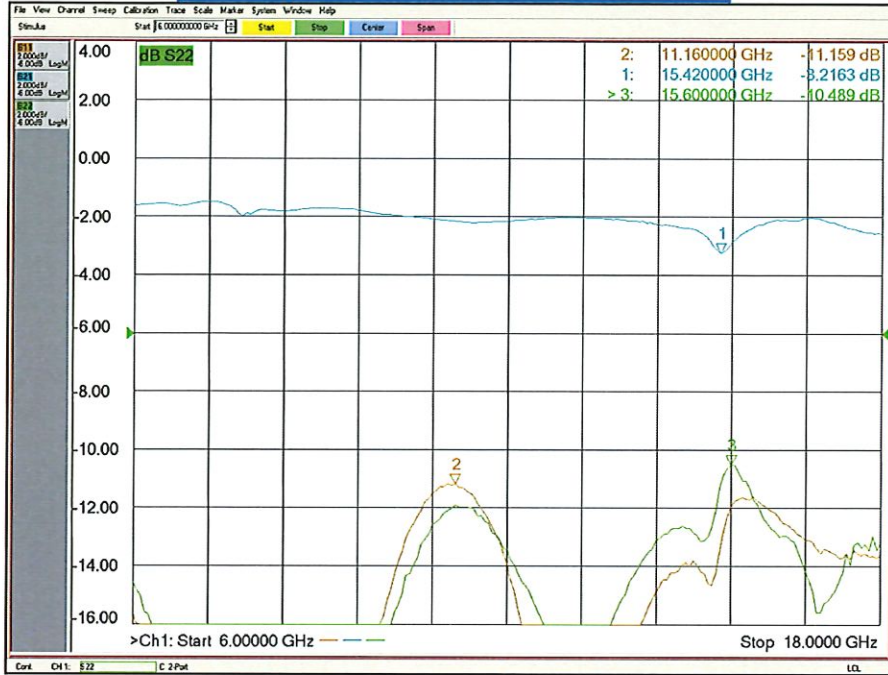




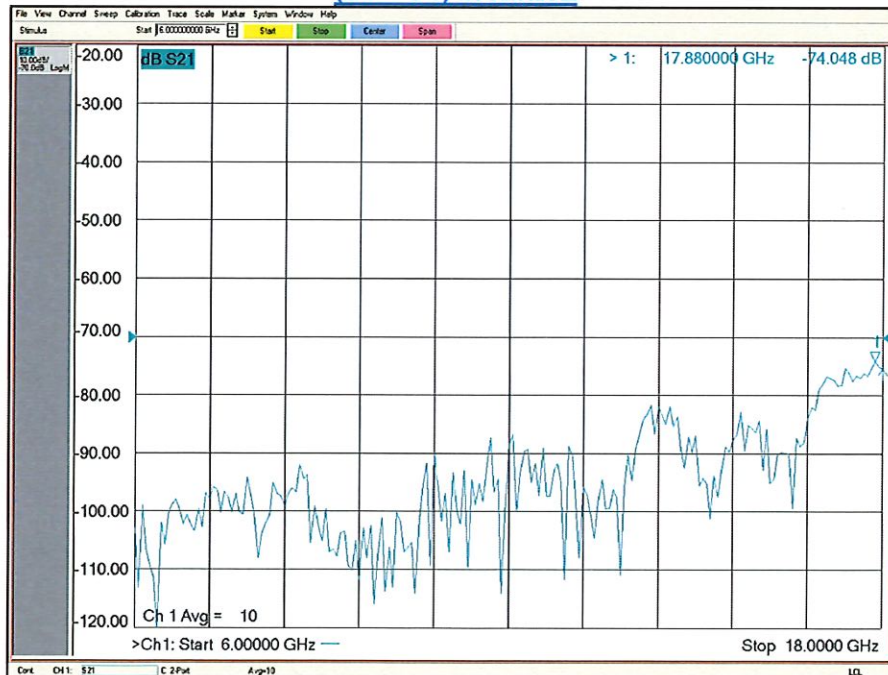
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(J1 – J4) Insertion Loss and Return Loss



(J1 – J4) Isolation

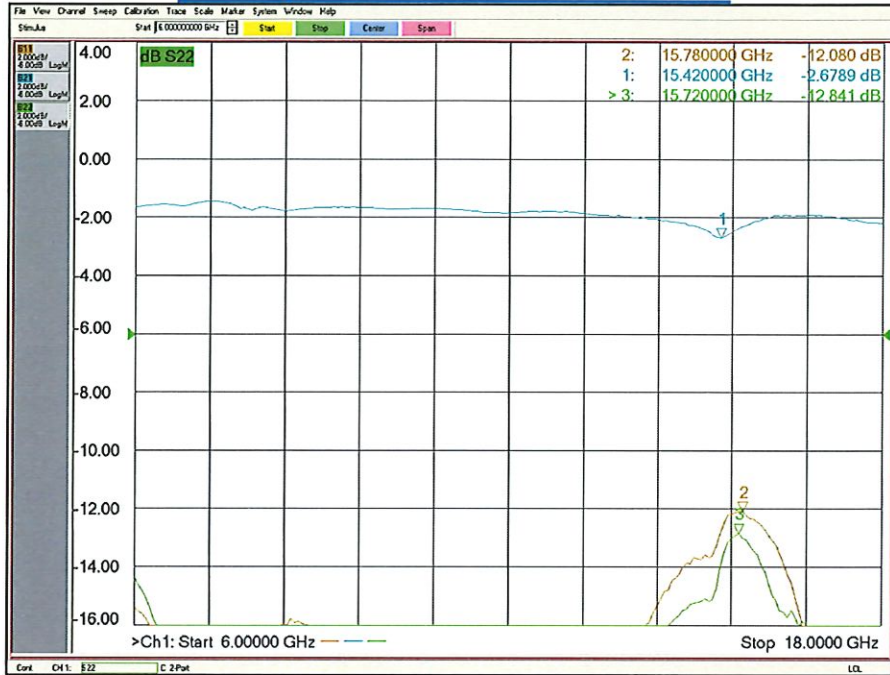




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(J2 – J3) Insertion Loss and Return Loss



(J2 – J3) Isolation

