



**SUMMARY TEST DATA
ON
P6T-2G18G-55-R-512-SFF**

PL26103/1931

Customer: _____ Tested By: H. Gonzales
 SO No: _____ Temperature: +25°C
 Model No: P6T-2G18G-55-R-512-SFF Date: 07/31/19
 Serial No: PL26103/1931 Drawing No: 27613452 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA1	
2	Insertion Loss:	7 dB Max.	4.97dB (See Plot)	PMI QA1	
3	Input Power:	10 dBm CW Max	10 dBm CW		
4	RF Power Survival:	25 dBm	25 dBm See Typical Characteristics		
5	VSWR (Input/Output):	2.0:1 Max	1.90:1 In 1.94:1 Out (See Plot)		
6	Isolation:	55 dB Min.	62.12dB (See Plot)		
7	Switching Speed:	15 ns Min.	15 ns See Typical Characteristics		
8	Video Transients:	15 mV PP	15 mV P-P See Typical Characteristics		
9	Video Transients Spectral Content:	65 dBm	65 dBm See Typical Characteristics		
10	DC Supply:	+5VDC @ 200mA Typ -12VDC @ 60mA Typ	98mA @ +5VDC 8mA @ -12VDC		
11	Control Signal:	All TTL lines Pulled High "1" All TTL lines "1" = NONE TTL1 "0" → (J0-J1) TTL2 "0" → (J0-J2) TTL3 "0" → (J0-J3) TTL4 "0" → (J0-J4) TTL5 "0" → (J0-J5) TTL6 "0" → (J0-J6)	Pass		PMI QA1

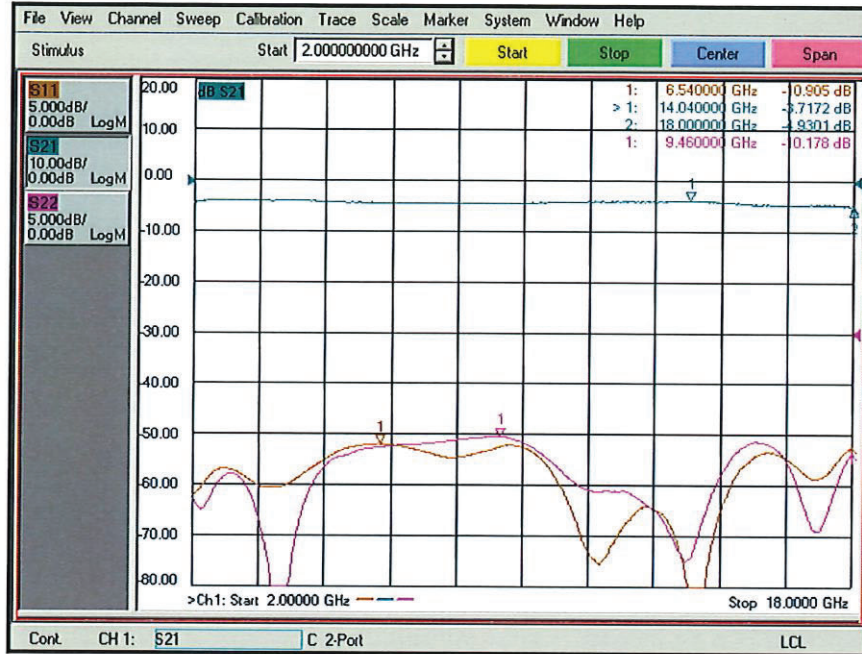
QA/QC Approval:   Date: 8/1/19



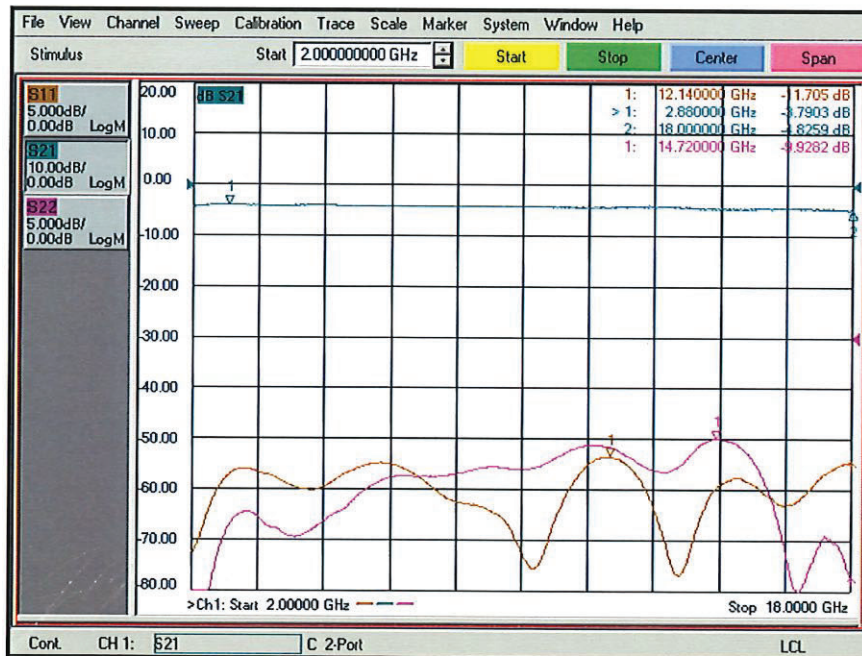
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J0-J1) Insertion Loss and Return Loss



J0-J2) Insertion Loss and Return Loss

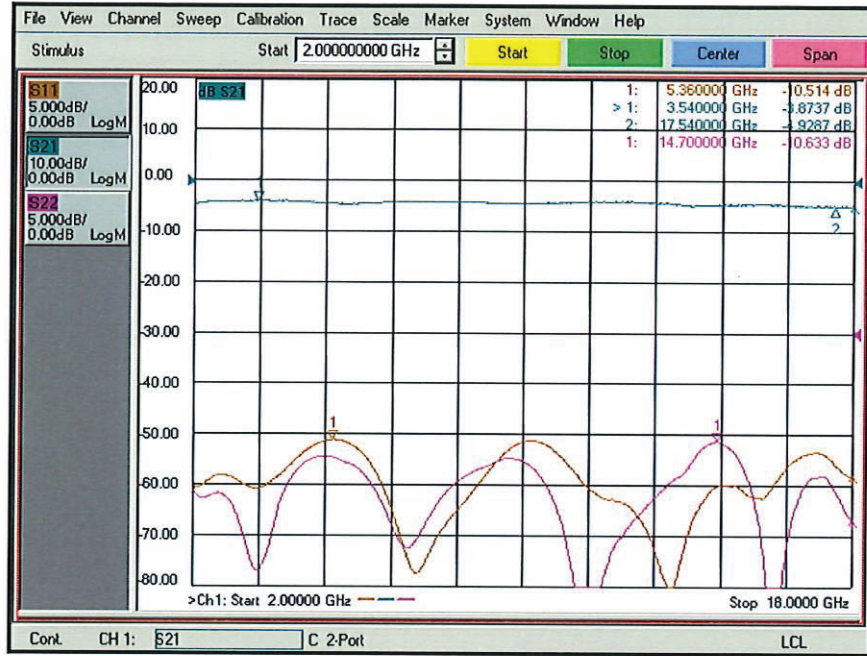




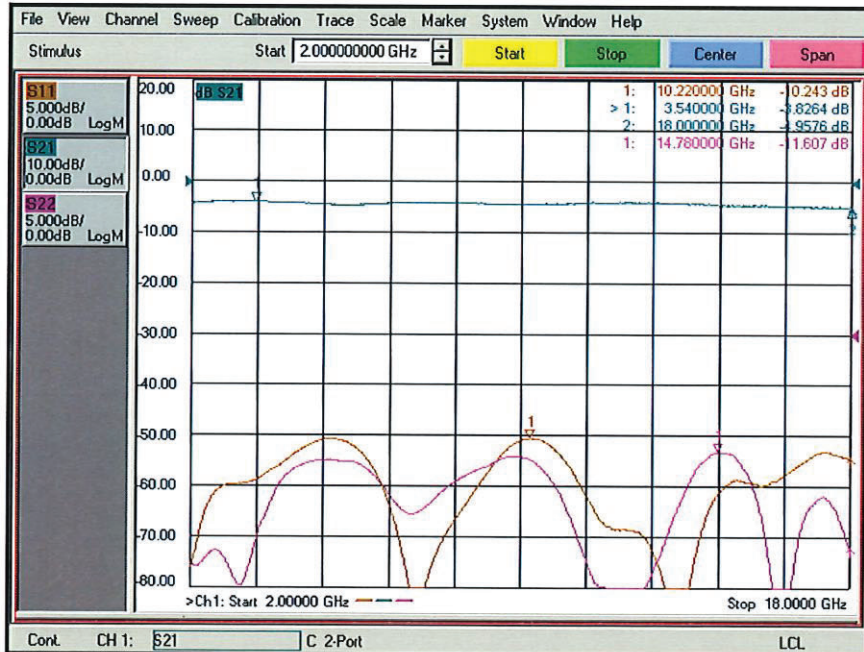
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(J0-J3) Insertion Loss and Return Loss



(J0-J4) Insertion Loss and Return Loss

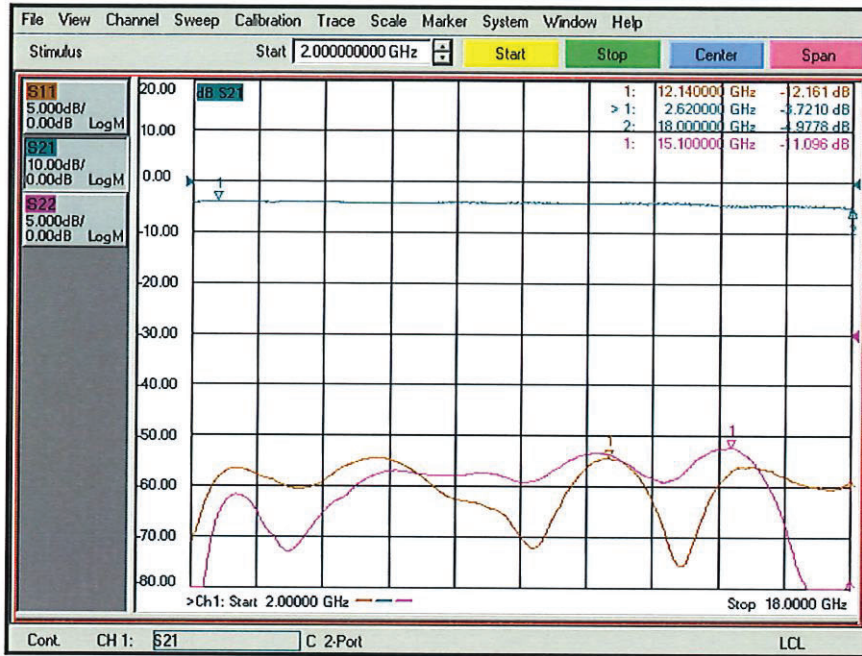




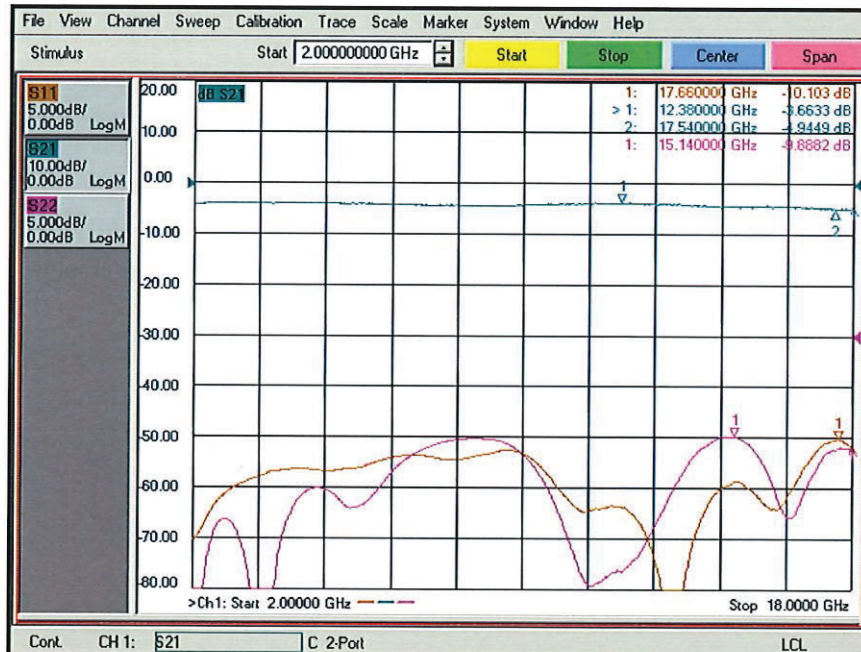
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(J0-J5) Insertion Loss and Return Loss



(J0-J6) Insertion Loss and Return Loss

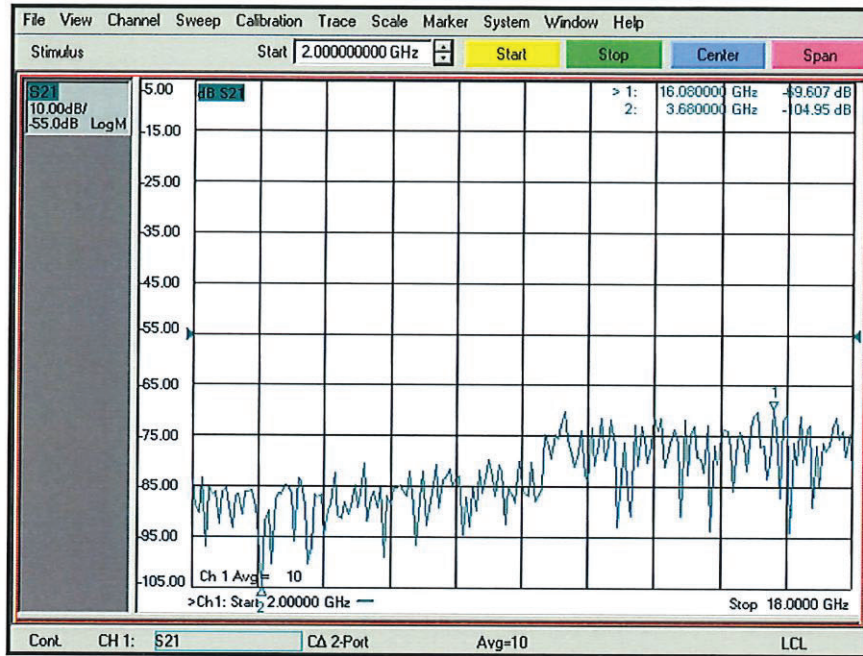




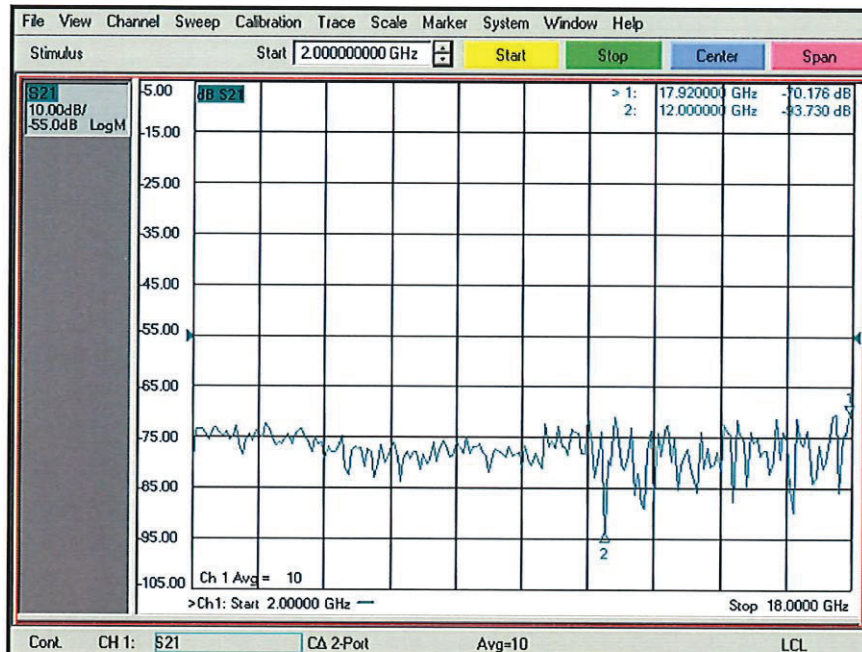
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(J0 – J1) Isolation



(J0 – J2) Isolation

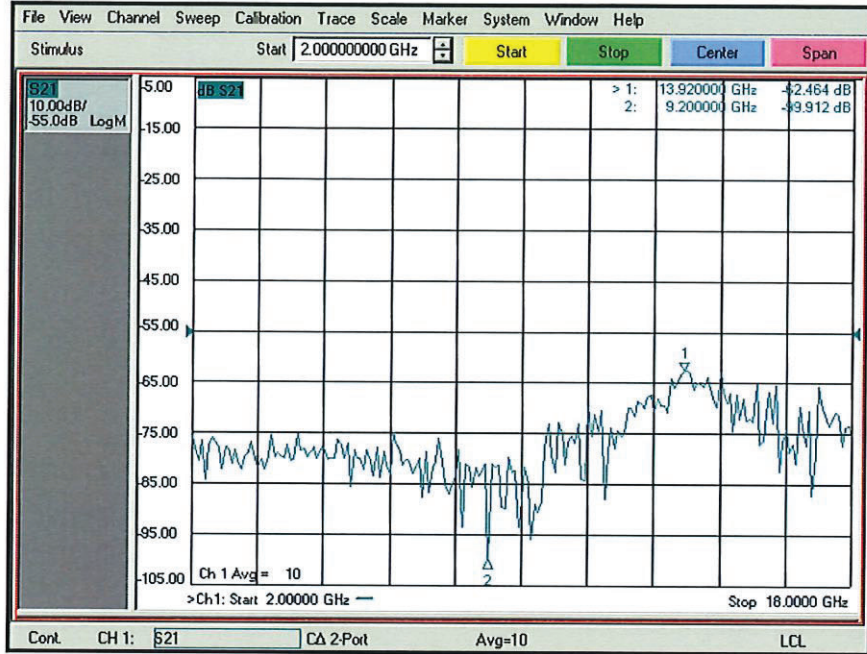




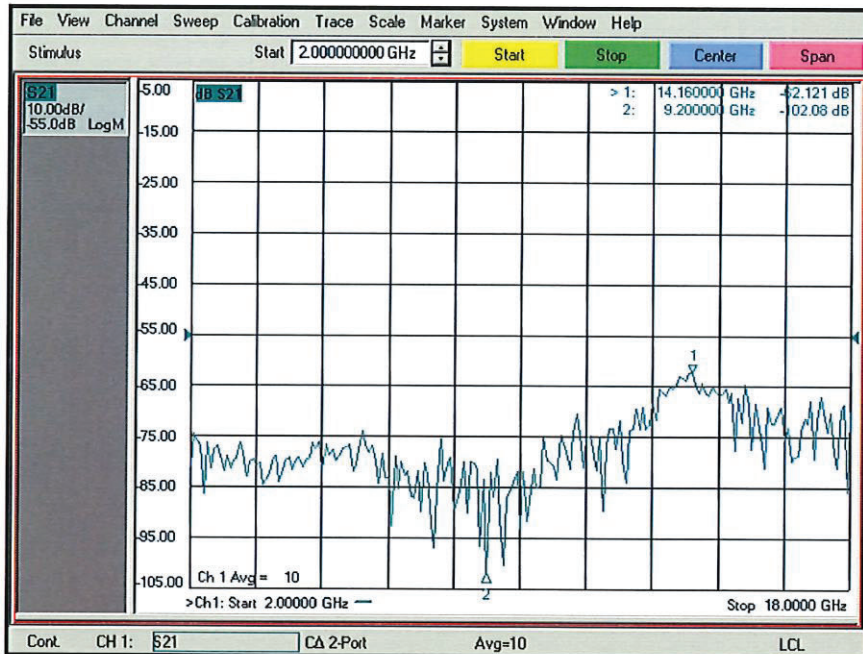
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(J0 – J3) Isolation



(J0 – J4) Isolation

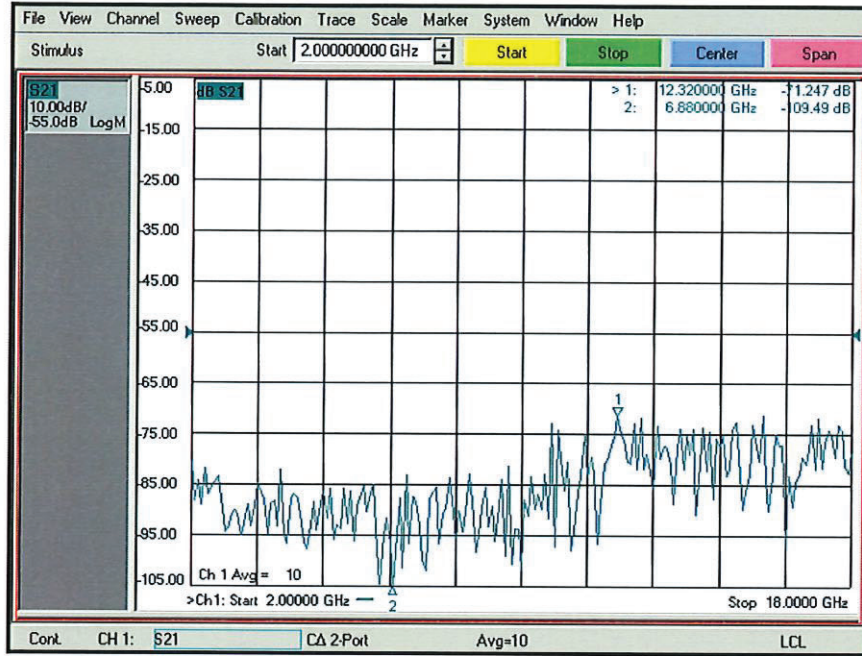




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(J0 – J5) Isolation



(J0 – J6) Isolation

