



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

PL24600/1903

Customer: _____ Tested By: A. Lopez
 Job No: _____ Temperature: +25°C
 Model No: P6T-2G18G-55-R-512-SFF Date: 01/15/19
 Serial No: PL24600/1903

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS FAIL	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz (See Plots)	PMI QA 1
2	Insertion Loss:	7 dB Max.	5.34 dB (See Plots)	
3	Input Power:	10 dBm CW Max	Pass See Typical Characteristics	
4	RF Power Survival:	25 dBm	Pass See Typical Characteristics	
5	VSWR (Input/Output):	2.0:1 Max	Input:1.90:1 Output:1.98:1 (See Plots)	
6	Isolation:	55 dB Min.	64.41 dB	
7	Switching Speed:	15 ns Min.	Pass See Typical Characteristics	
8	Video Transients:	15 mV PP	Pass See Typical Characteristics	
9	Video Transients Spectral Content:	65 dBm	Pass See Typical Characteristics	
10	DC Supply:	+5VDC @ 200mA Typ -12VDC @ 60mA Typ	98 mA 8mA	
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	

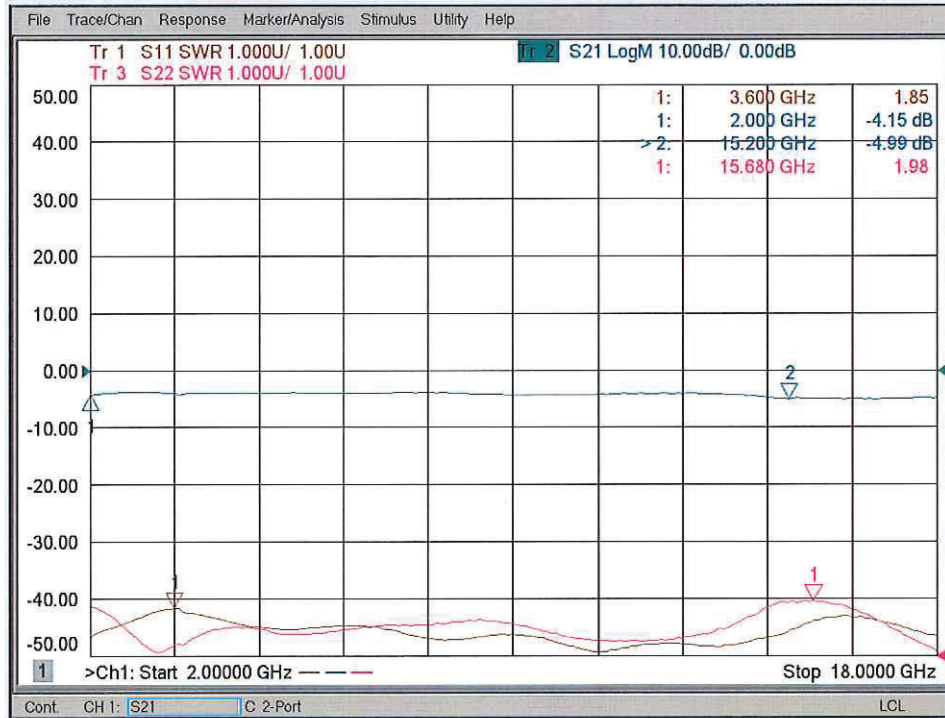
QA/QC Approval: PMI QA 1 Date: 1/15/19



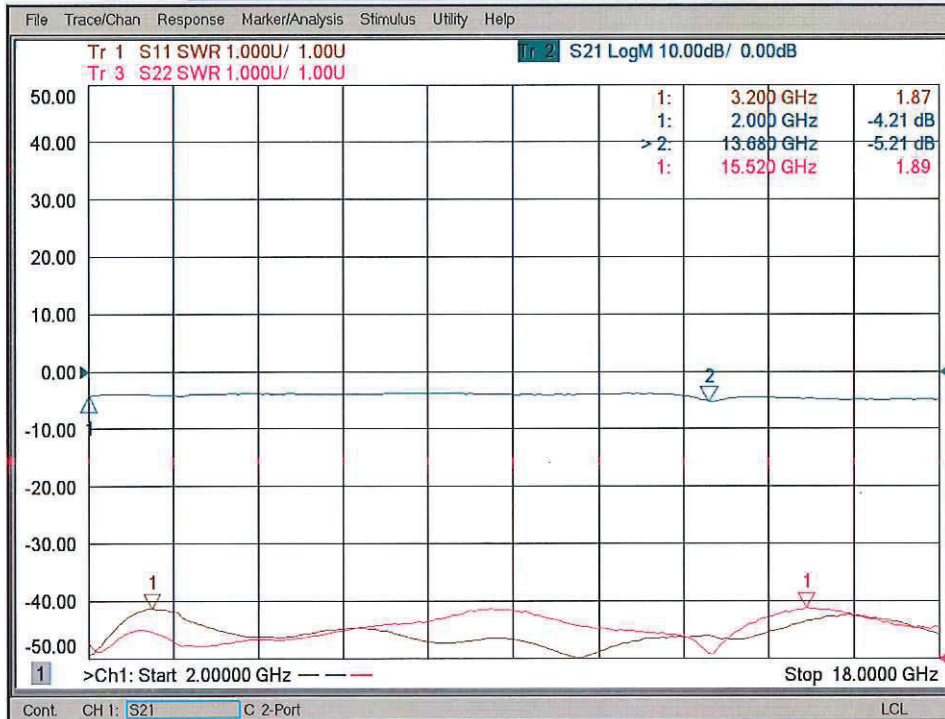
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(J0-J1) Insertion Loss and Return Loss



(J0-J2) Insertion Loss and Return Loss

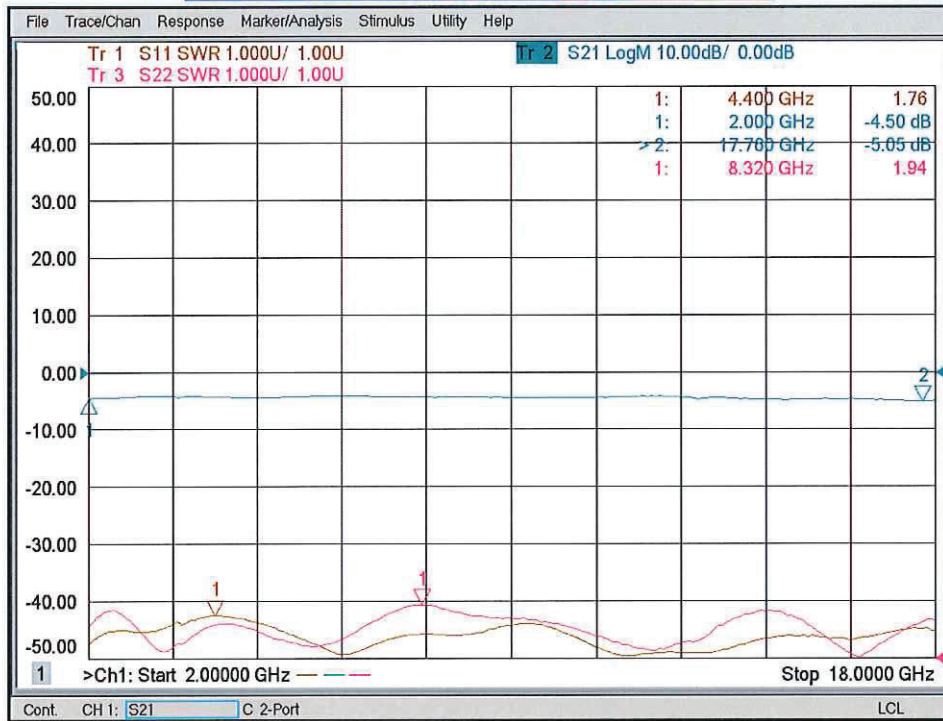




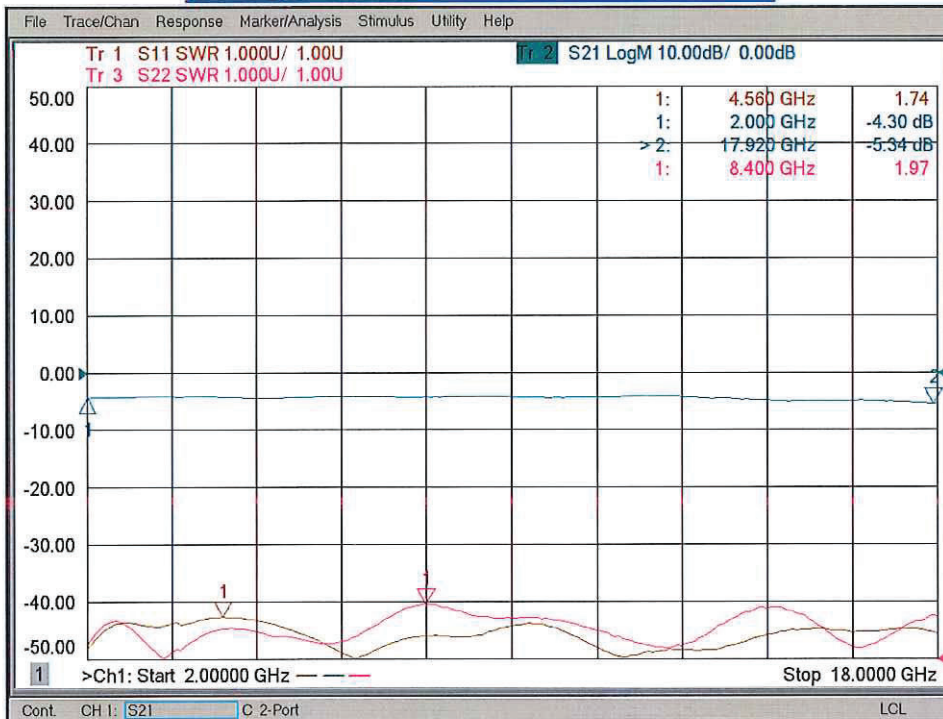
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(J0-J3) Insertion Loss and Return Loss



(J0-J4) Insertion Loss and Return Loss

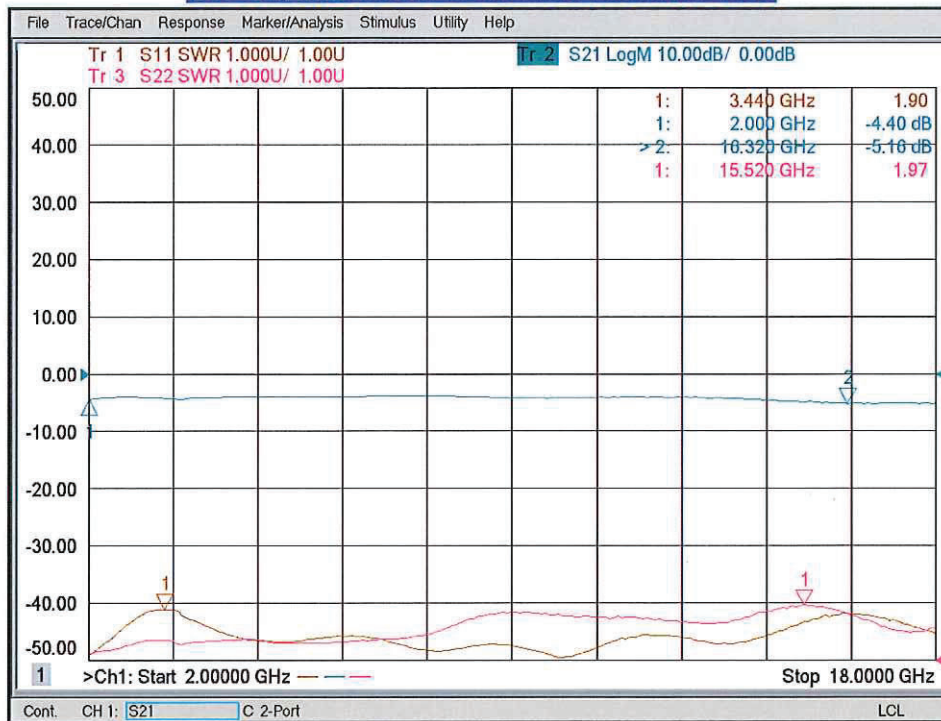




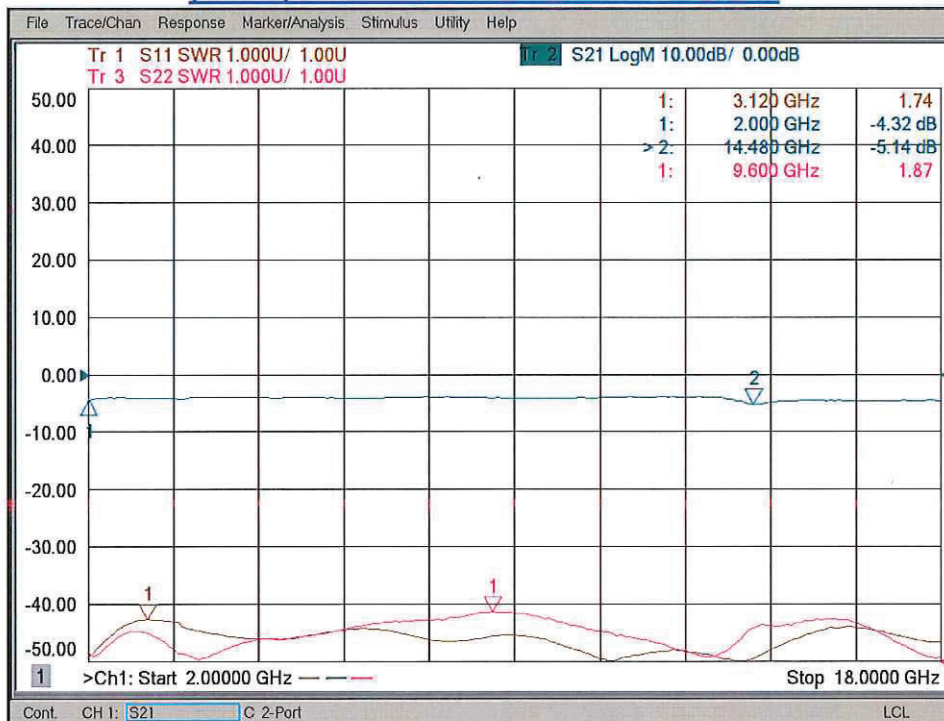
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(J0-J5) Insertion Loss and Return Loss



(J0-J6) Insertion Loss and Return Loss

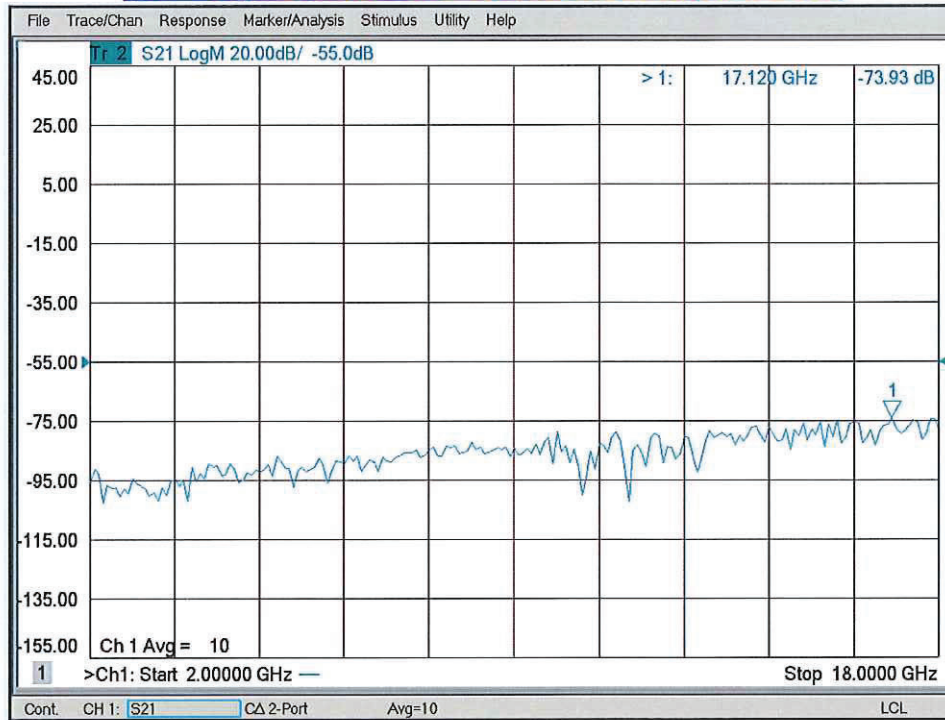




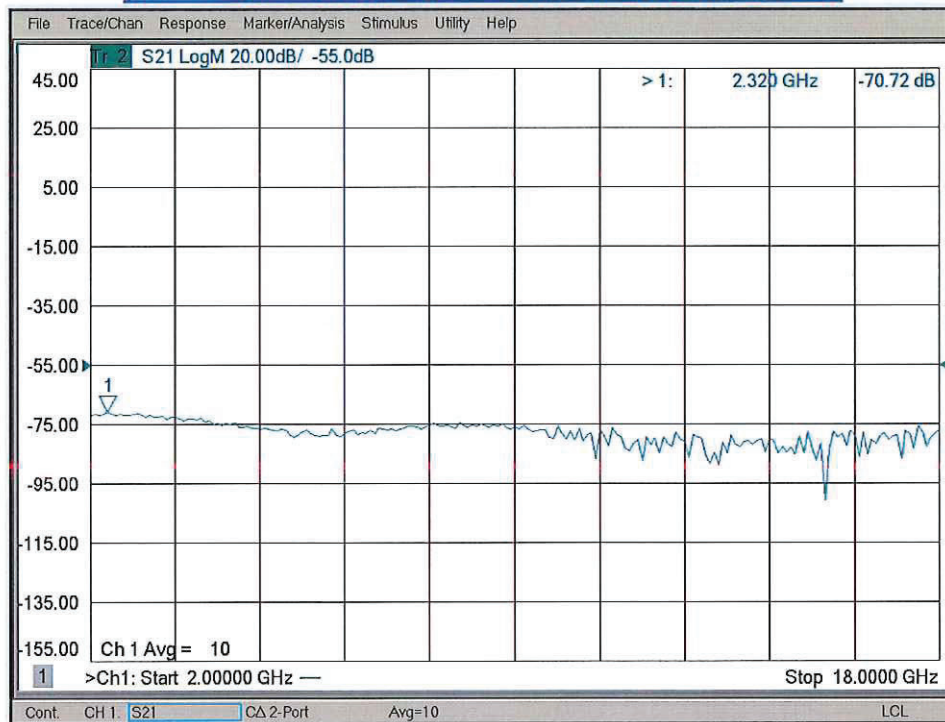
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(J0 – J1) Isolation and Termination Return Loss



(J0 – J2) Isolation and Termination Return Loss

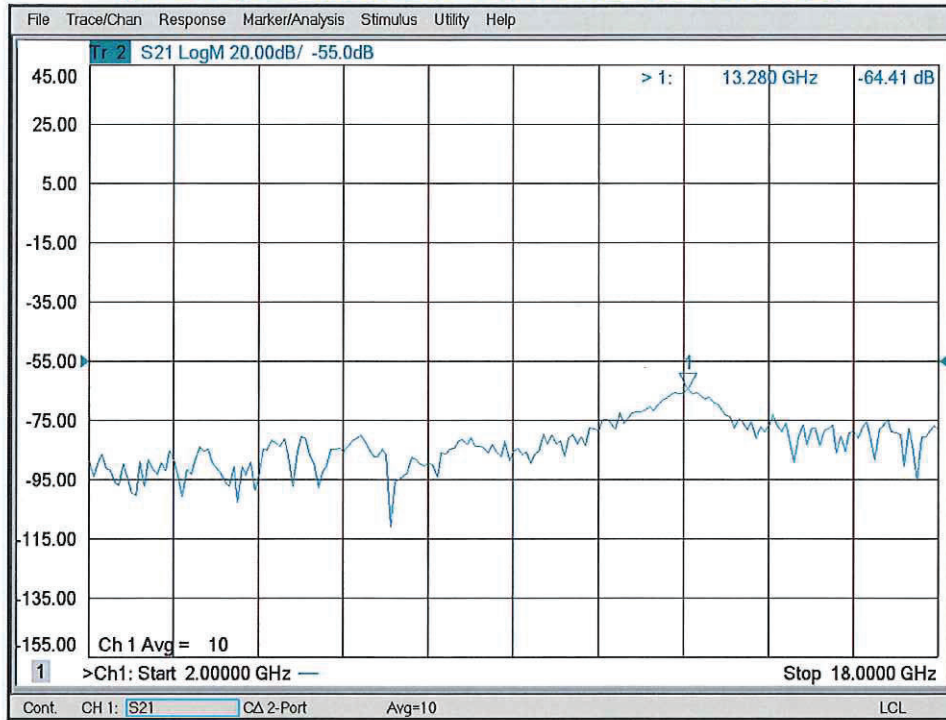




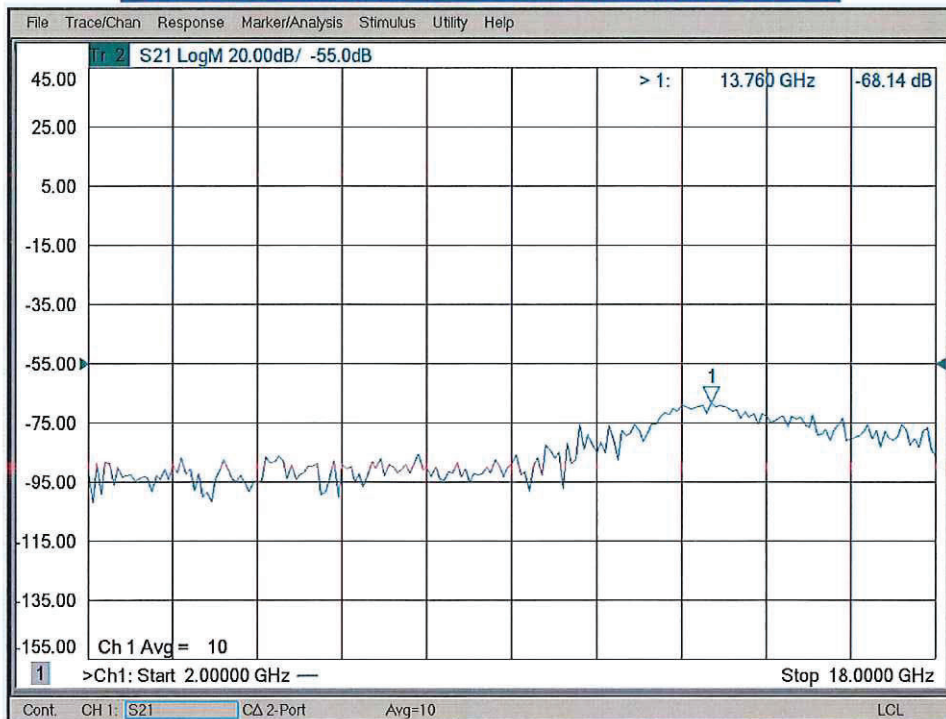
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(J0 – J3) Isolation and Termination Return Loss



(J0 – J4) Isolation and Termination Return Loss

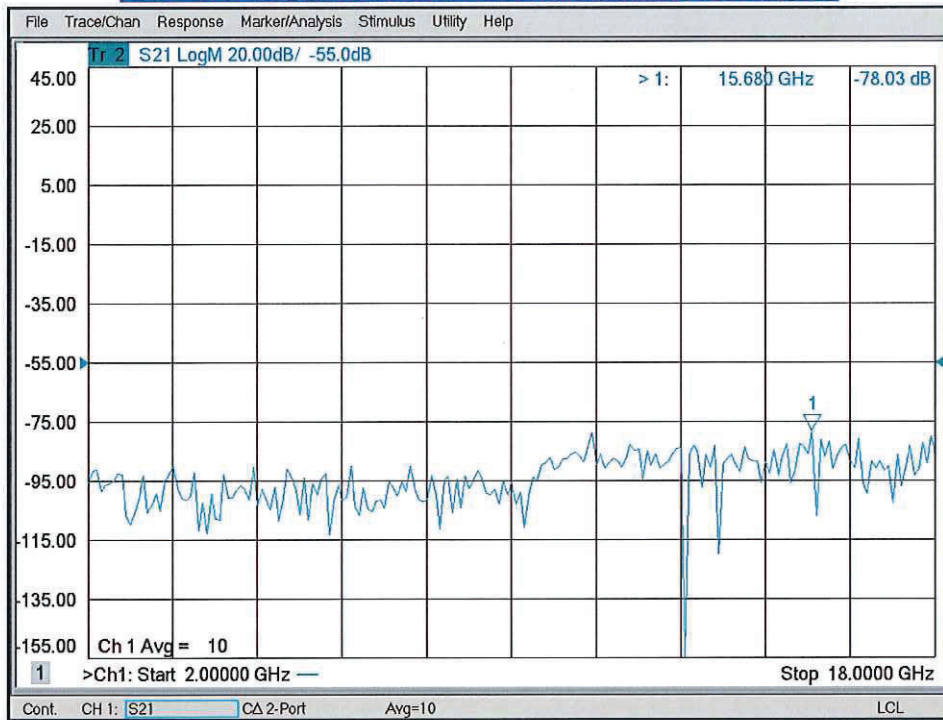




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(J0 – J5) Isolation and Termination Return Loss



(J0 – J6) Isolation and Termination Return Loss

