



**SUMMARY TEST DATA
ON
P2T-2G18G-55-T-512-SFF-LV**

PL32171/2117

Customer: _____ Tested By: John R.
SO No: _____ Temperature: +25°C
Model No: P2T-2G18G-55-T-512-SFF-LV Date: 4/29/2021
Serial No: PL32171/2117 Drawing No: 27619966 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2.0 – 18.0 GHz	2.0 – 18.0 GHz	PMI QA 2
2	Insertion Loss:	3.0 dB Max.	2.93 dB See Plots	
3	Isolation:	55 dB Min.	70 dB See Plots	
4	**VSWR:	2.0:1 Max.	1.96:1 See Plots	
5	Input Power:	+23dBm CW Max. (Oper.) +27dBm CW Max. (Surv.)	+23dBm CW Max. (Oper.) +27dBm CW Max. (Surv.)	
6	*Switching Speed:	50 ns Max.	<50 ns See Typical Characteristics	
7	Switching Rate PRF:	5 MHz	5 MHz	
8	Video Leakage:	50mV Peak To Peak Max Measured @ 300MHz BW	40mV Typ.	
9	***Control (2 Lines)	TTL "0" → (Insertion Loss) TTL "1" → (Isolation)	TTL "0" → (Insertion Loss) TTL "1" → (Isolation)	
10	DC Supply:	+5VDC - 80 mA -12VDC - 80 mA	24 mA @ +5VDC 68 mA @ -12VDC	PMI QA 2

*Ton = 50% TTL to 90% RF / Toff = 50% TTL to 10% RF

**STABILITY = Unconditional Under Any Input/Output VSWR Load

*** TTL "0" = 1.6mA Max. Sink @ 0.4V / TTL "1" = 40µA Max. @ 2.4V

QA/QC Approval: _____

PMI
QA 2

Date: _____

4/30/21

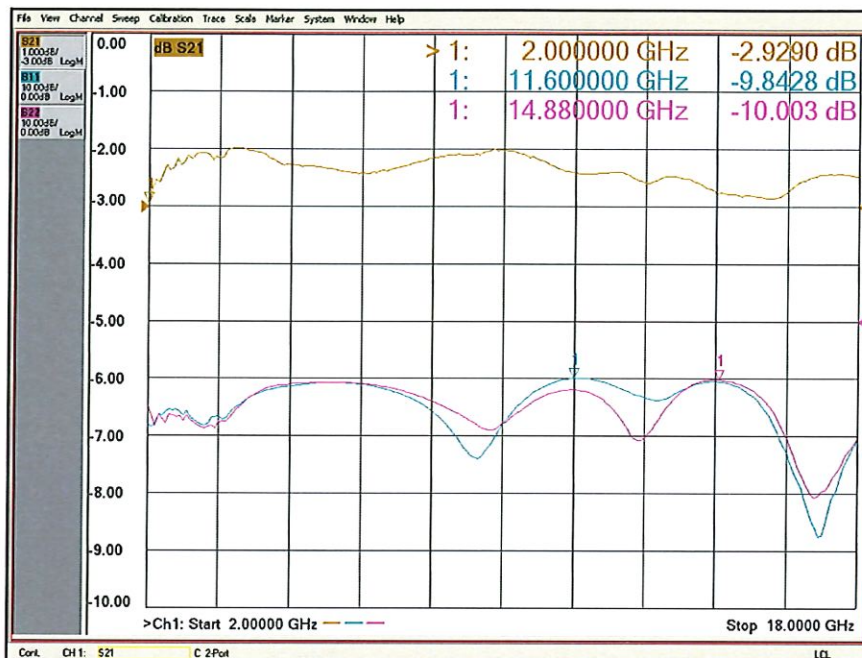
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



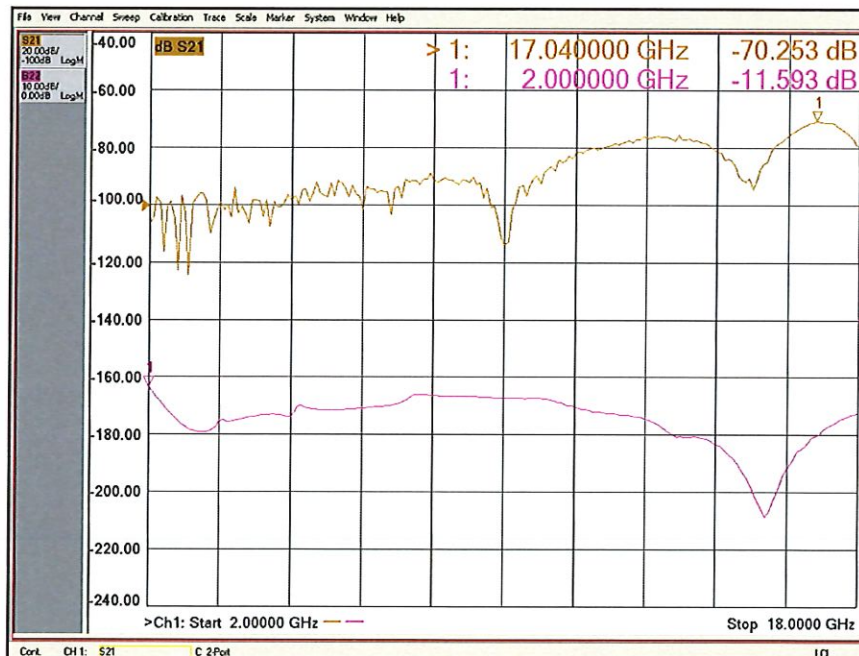
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Insertion Loss and Return Loss (J1 – J2)



Isolation and Termination (J1 – J2)



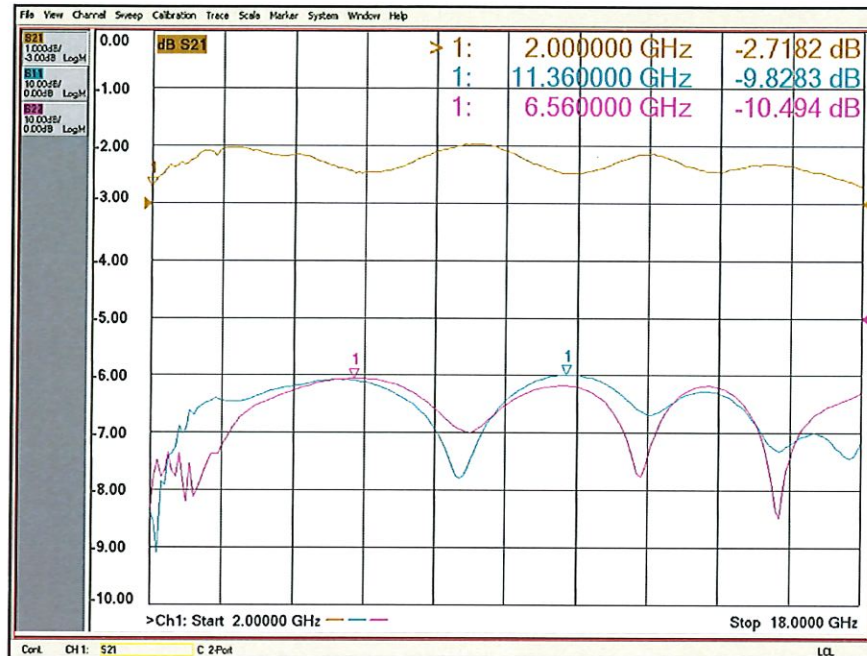
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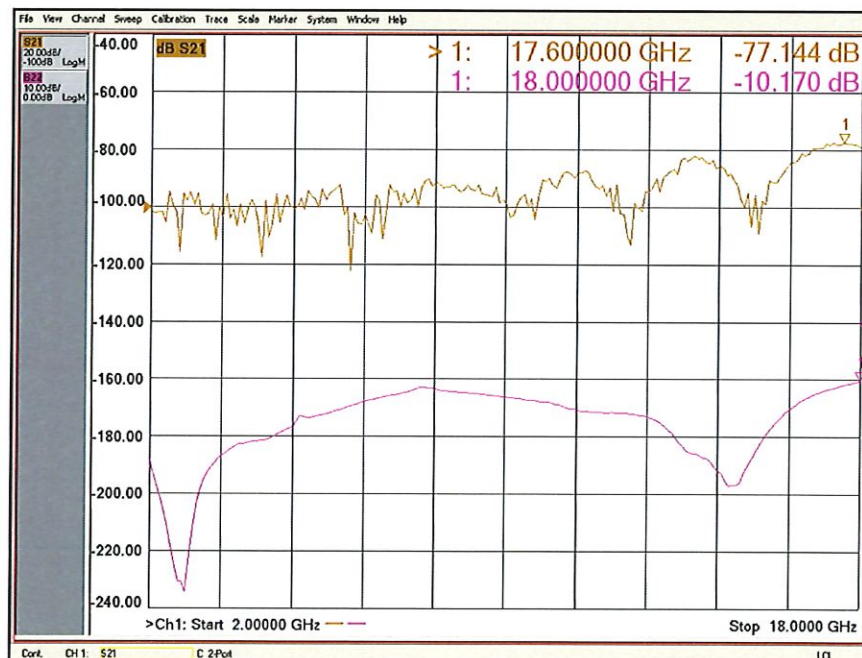
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Insertion Loss and Return Loss (J1 – J3)



Isolation and Termination (J1 – J3)



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