



**SUMMARY TEST DATA
ON
P2T-9K30G-60-R-SFF**

PL26598/1939

Customer: _____ Tested By: B. Willard
SO No: _____ Temperature: +25°C
Model No: P2T-9K30G-60-R-SFF Date: 11/18/2019
Serial No: PL26598/1939 Drawing No: 27631920 Rev: A2

TEST ITEM	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range	9 kHz to 30.0 GHz	9 kHz to 30.0 GHz	PMI QA1
2	Insertion Loss	-2 dB MAX (9 kHz – 10 GHz) -2.75 dB MAX (10 GHz – 20 GHz) -3.5 dB MAX (20 GHz – 30 GHz)	-1.83 dB (10 MHz – 10 GHz) -2.44 dB (10 GHz – 20 GHz) -3.13 dB (20 GHz – 30 GHz) See Plot	
3	Isolation (Between J1 & J2/J3)	-55 dB MIN. (9 kHz – 10 GHz) -48 dB MIN. (10 GHz – 20 GHz) -45 dB MIN. (20 GHz – 30 GHz)	-63.12 dB (10 MHz – 10 GHz) -52.10 dB (10 GHz – 20 GHz) -50.46 dB (20 GHz – 30 GHz) See Plot	
4	Isolation (Between J2 & J3)	-55 dB MIN. (9 kHz – 10 GHz) -45 dB MIN. (10 GHz – 20 GHz) -40 dB MIN. (20 GHz – 30 GHz)	-67.09 dB (10 MHz – 10 GHz) -59.87 dB (10 GHz – 20 GHz) -54.01 dB (20 GHz – 30 GHz) See Plot	
5	Return Loss (Between J1 & J2/J3 ON)	-13.5 dB MIN. (9 kHz – 10 GHz) -12 dB MIN. (10 GHz – 20 GHz) -12 dB MIN. (20 GHz – 30 GHz)	-13.00 dB (10 MHz – 10 GHz) -11.61 dB (10 GHz – 20 GHz) -12.13 dB (20 GHz – 30 GHz) See Plot	
6	Return Loss (Between J2/J3 OFF)	-15 dB MIN. (9 kHz – 10 GHz) -10 dB MIN. (10 GHz – 20 GHz) -10 dB MIN. (20 GHz – 30 GHz)	-17.68 dB (10 MHz – 10 GHz) -18.42 dB (10 GHz – 20 GHz) -13.18 dB (20 GHz – 30 GHz) See Plot	
7	Rise & Fall Time (10% to 90% RF)	0.75 μ s TYP	<0.75 μ s See Typical characteristics	
8	On & Off Time (10% to 90% RF)	4 μ s TYP	<4 μ s See Typical characteristics	
9	RF Setting Time	50% Vctl to 0.1 dB of RF – 6.2 μ s TYP 50% Vctl to 0.05 dB of RF – 10 μ s TYP	6.2 μ s 10 μ s See Typical characteristics	
10	P0.1dB	27 dBm TYP	27 dBm See Typical characteristics	
11	P1dB	28 dBm TYP	28.5 dBm See Typical characteristics	
12	IP3	35 dBm TYP	28.85 dBm See Typical characteristics	
13	Power Supply	+3.3 VDC @ 300 μ A to +5VDC @ 600 μ A MAX -2.5 VDC @ 10 μ A MAX CTL1 @ 1 μ A Typ.	+3.3 VDC <100 μ A +5 VDC <150 μ A -2.5 VDC <10 μ A CTL1 <1 μ A	PMI QA1

QA/QC Approval: _____

PMI
QA1

Date: _____

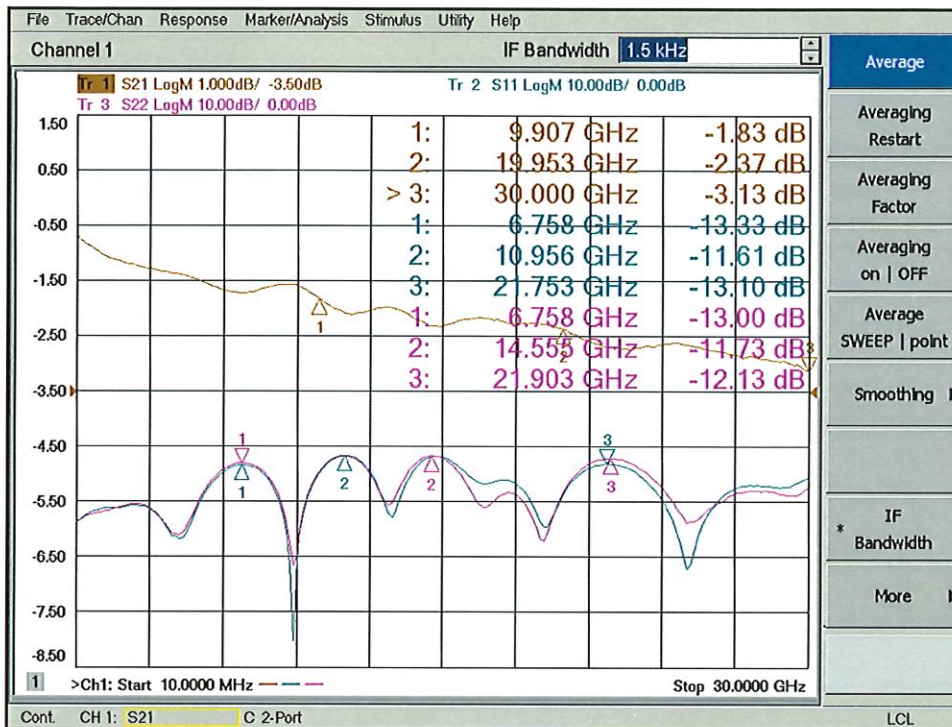
11/19/19



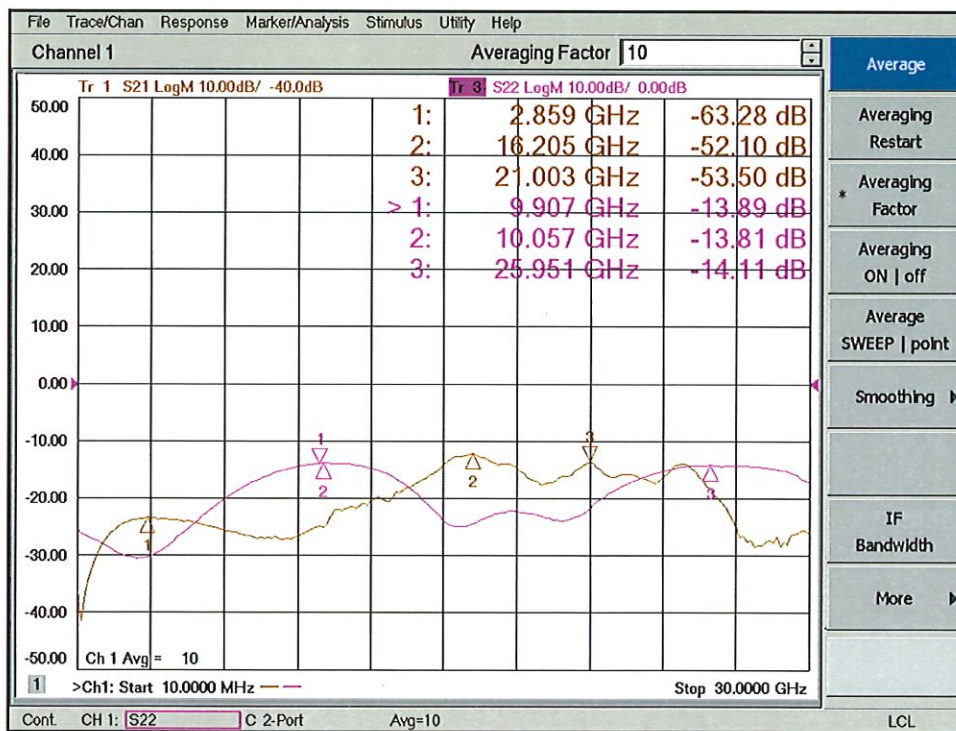
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PL26598/1939

(J1-J2) Insertion Loss and Return Loss



(J1-J2) Isolation and Output Return Loss

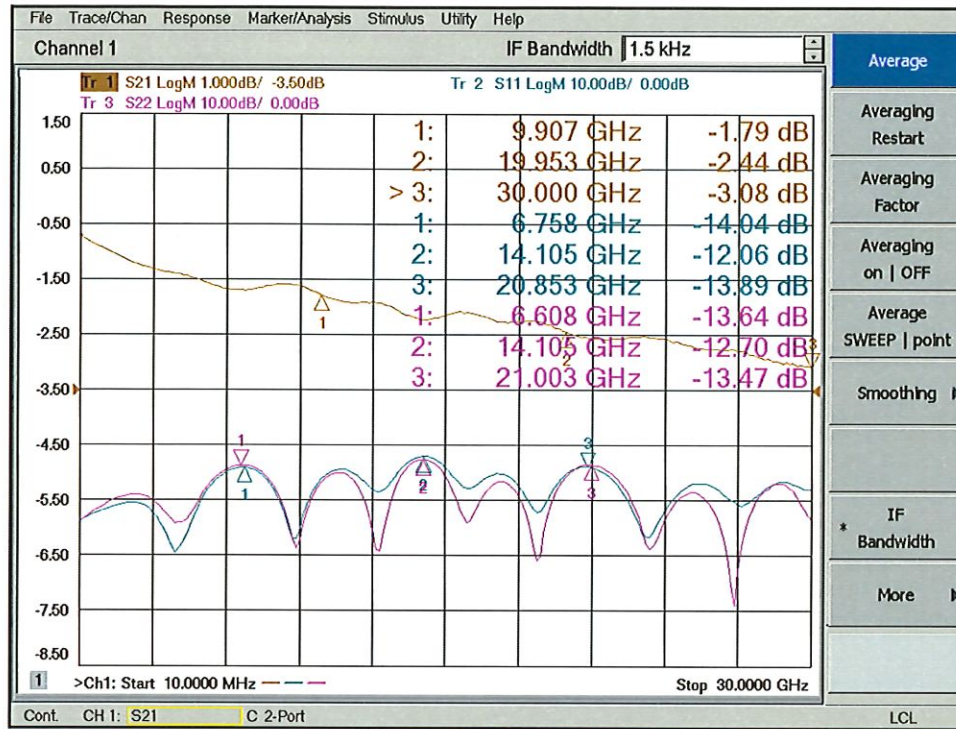




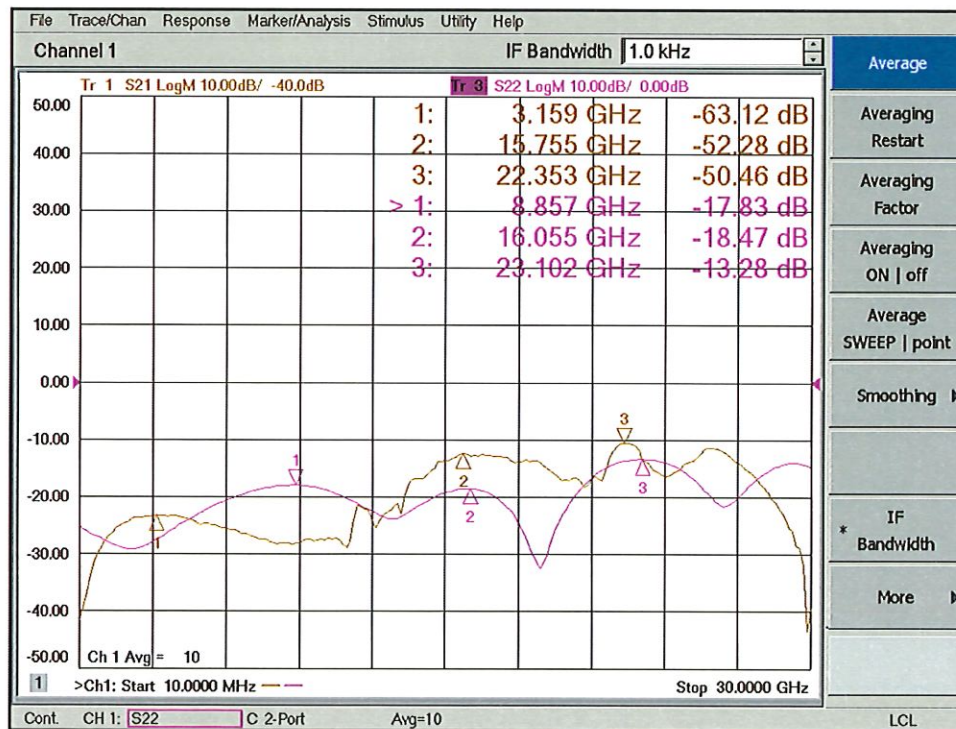
SUMMARY TEST DATA ON P2T-9K30G-60-R-SFF

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(J1-J3) Insertion Loss and Return Loss



(J1-J3) Isolation and Output Return Loss





**SUMMARY TEST DATA
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(J2-J3) Isolation and Output Return Loss

