



**SUMMARY TEST DATA
ON
P2T-18G40G-65-R-292FF**

PL27200/1947

Customer: _____	Tested By: <u>B.Slack</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>P2T-18G40G-65-R-292FF</u>	Date: <u>11/20/19</u>
Serial No: <u>PL27200/1947</u>	Drawing No: <u>27614769</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE		TEST RESULTS		QA QC
1	Frequency Range:	18 GHz – 40 GHz		18 GHz – 40 GHz		PMI QA 1
2	Isolation:	65 dB Min	(18 – 26.5 GHz)	66 dB	(18 – 26.5 GHz)	
		55 dB Min	(26.5 – 40 GHz)	68 dB	(26.5 – 40 GHz)	
3	Insertion Loss:	3.5 dB Max	(18 – 26.5 GHz)	2.9 dB	(18 – 26.5 GHz)	
		4.5 dB Max	(26.5 – 40 GHz)	3.6 dB	(26.5 – 40 GHz)	
		See Plot				
4	VSWR: (On Position)	2.3:1 Max	(18 – 26.5 GHz)	2.2:1	(18 – 26.5 GHz)	
		2.5:1 Max	(26.5 – 40 GHz)	2.4:1	(26.5 – 40 GHz)	
		See Plot				
5	Switching Speed:	100 ns Max		See Typical Characteristics		
6	RF Power Capability	+20dBm Max (+30dBm Damage Level)		See Typical Characteristics		
7	DC Supply:	+5VDC @ 75 mA Typ -12VDC @ 50 mA Typ		133 mA 18 mA		
8	Control Signal	LOW (0) – ON HIGH (1) – OFF J1-J2 : ON (LGC1 "0", LGC2 "1") J1-J3 : ON (LGC1 "1", LGC2 "0")		PASS		PMI QA 1

QA/QC Approval:  PMI QA 1 Date: 11/22/19

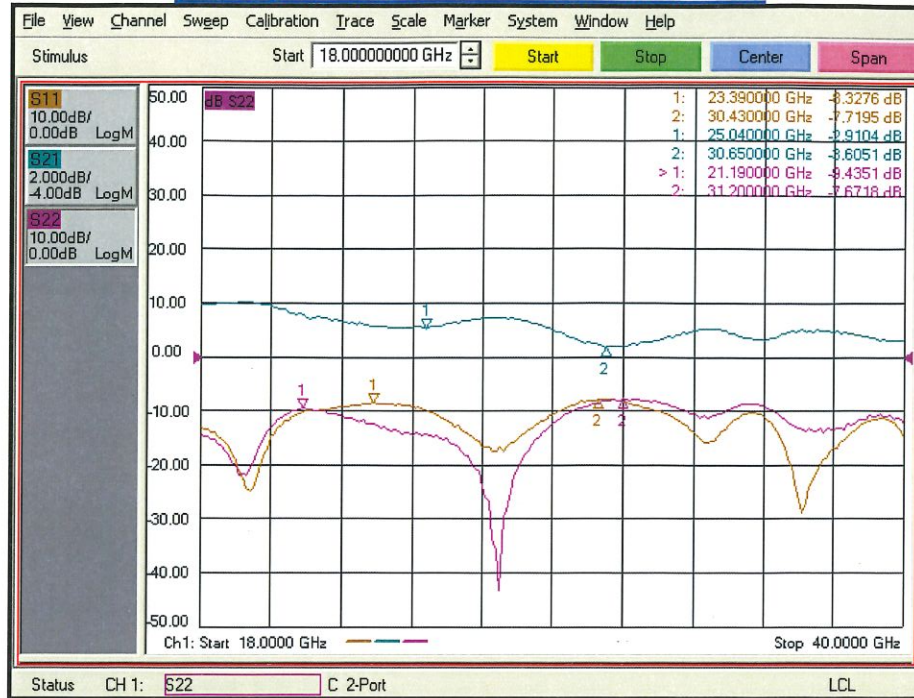
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(J1-J2) Insertion Loss and Return Loss



(J1-J3) Insertion Loss and Return Loss

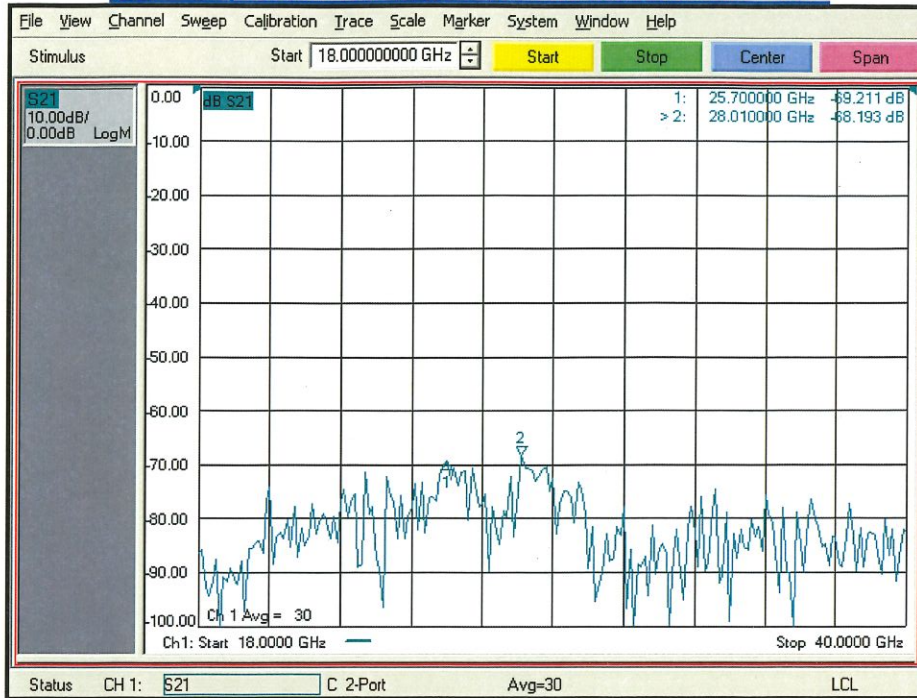




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(J1 – J2) Isolation and Termination Return Loss



(J1 – J3) Isolation and Termination Return Loss

