



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

PL27206/1947

Customer: _____ Tested By: B.Slack
SO No: _____ Temperature: +25°C
Model No: P2T-18G40G-65-R-292FF Date: 11/20/19
Serial No: PL27206/1947 Drawing No: 27614769 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE		TEST RESULTS		QA QC
1	Frequency Range:	18 GHz – 40 GHz		18 GHz – 40 GHz		PMI QA1
2	Isolation:	65 dB Min	(18 – 26.5 GHz)	73 dB	(18 – 26.5 GHz)	
		55 dB Min	(26.5 – 40 GHz)	64 dB	(26.5 – 40 GHz)	
3	Insertion Loss:	3.5 dB Max	(18 – 26.5 GHz)	2.1 dB	(18 – 26.5 GHz)	
		4.5 dB Max	(26.5 – 40 GHz)	3.6 dB	(26.5 – 40 GHz)	
4	VSWR: (On Position)			See Plot		
		2.3:1 Max	(18 – 26.5 GHz)	1.9:1	(18 – 26.5 GHz)	
		2.5:1 Max	(26.5 – 40 GHz)	2.0:1	(26.5 – 40 GHz)	
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 QA1

QA/QC Approval: _____

**PMI
QA1**

Date: _____

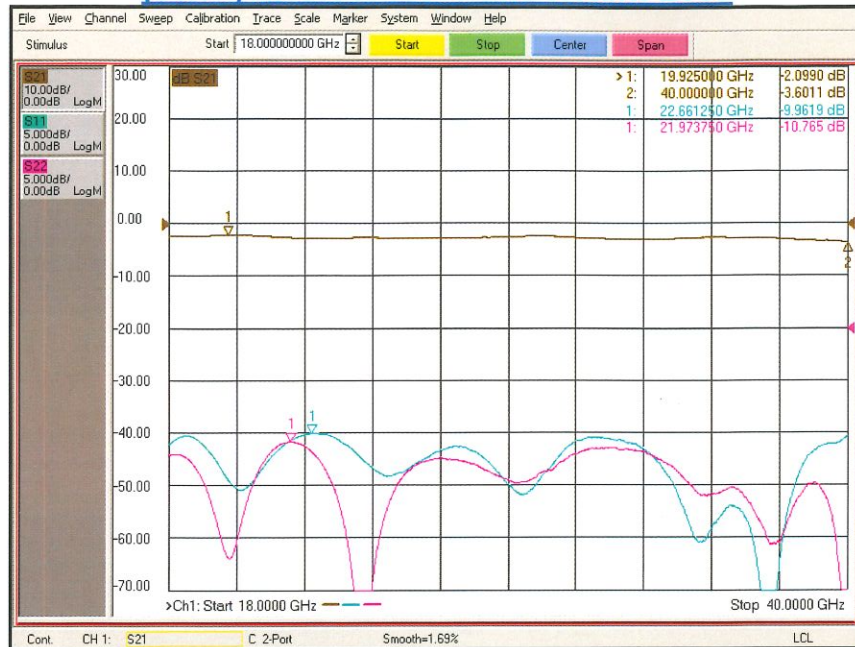
11/22/19



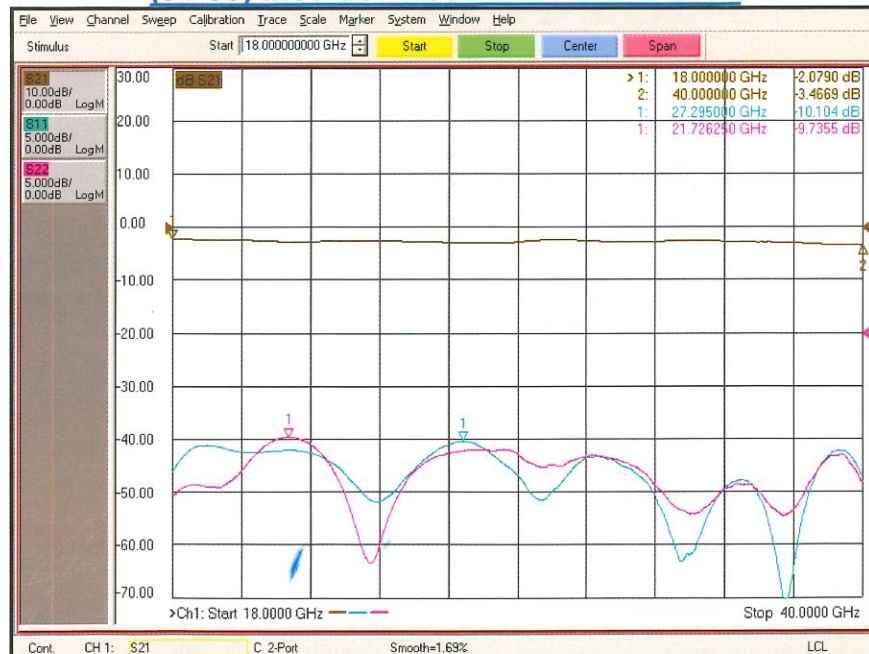
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(J1-J2) Insertion Loss and Return Loss



(J1-J3) Insertion Loss and Return Loss

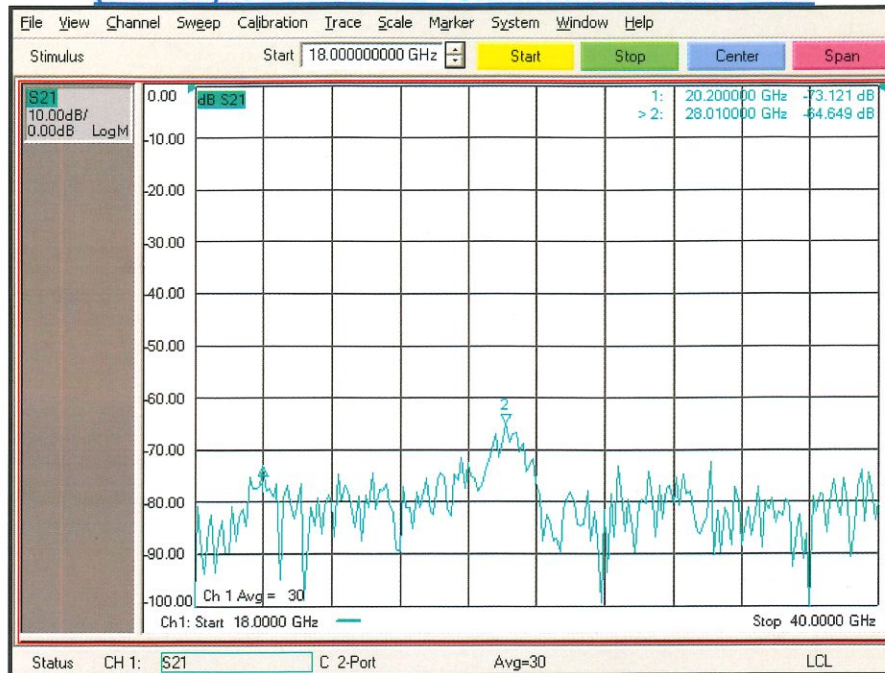




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(J1 – J2) Isolation and Termination Return Loss



(J1 – J3) Isolation and Termination Return Loss

