



**SUMMARY TEST DATA
ON
P2T-100M40G-95-T-512-292FF**

PL16350/1502

Customer: _____	Tested By: <u>Jerry N.</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>P2T-100M40G-110-T-512-292FF</u>	Date: <u>01/15/18</u>
Serial No: <u>PL16350/1502</u>	Drawing No: <u>27621043</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.1GHz to 40GHz	0.1GHz to 40GHz (See Plot)	PMI QA 1	
2	Insertion Loss:	6dB Max. 4dB Typ. (0.1 to 18 GHz) 5dB Typ. (18 to 26.5 GHz) 5.5dB Typ. (26.5 to 40 GHz).	3.83 dB 4.41 dB 5.26 dB (See Plot)	PMI QA 1	
3	Isolation:	100dB Typ., 95dB Min (0.1 to 18 GHz) 95 dB Typ., 80dB Min (18 to 26.5 GHz) 75dB Typ., 70dB Min (26.5 to 40 GHz)	96.28 dB 91.56 dB 80.72 dB (See Plot)		
4	VSWR:	2.0:1 Typ. 2.5:1 Max	Input 2.49:1 Output 2.49:1 (See Plot)		
5	Operating Input Power:	+20dBm CW Max	+20dBm CW		
6	Switching Speed:	100ns Max	20ns See Typical Characteristics		
7	Control TTL	CTL	J1-J2		J1-J3
		0	ON		OFF
		1	OFF		ON
8	Power Supply:	+5VDC @ 120mA -12VDC @ 65mA	40mA 30mA	PMI QA 1	

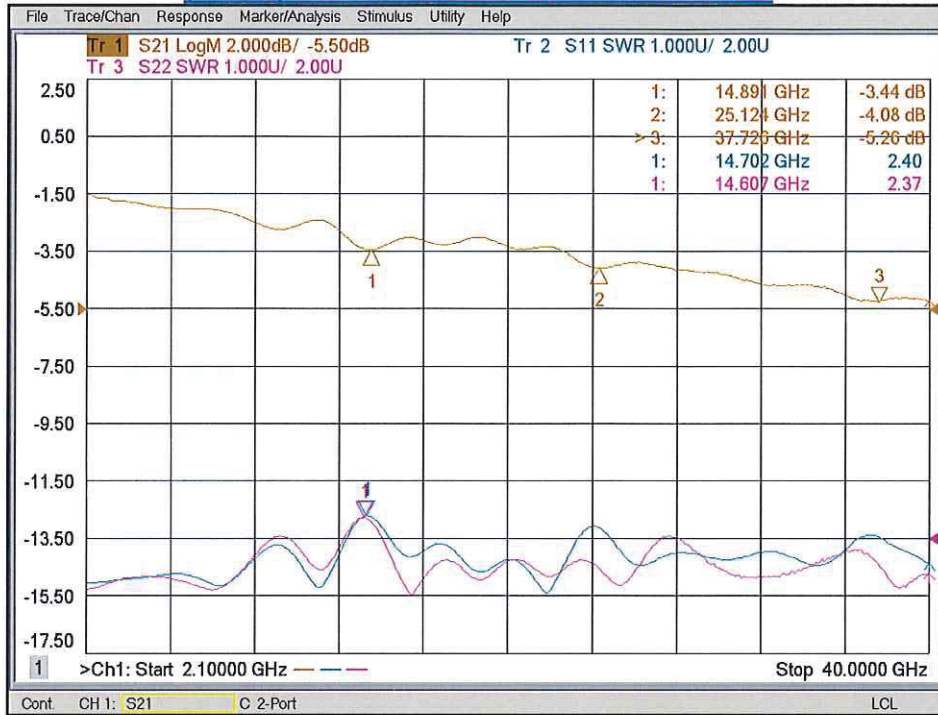
QA/QC Approval: PMI QA 1 Date: 1/19/18



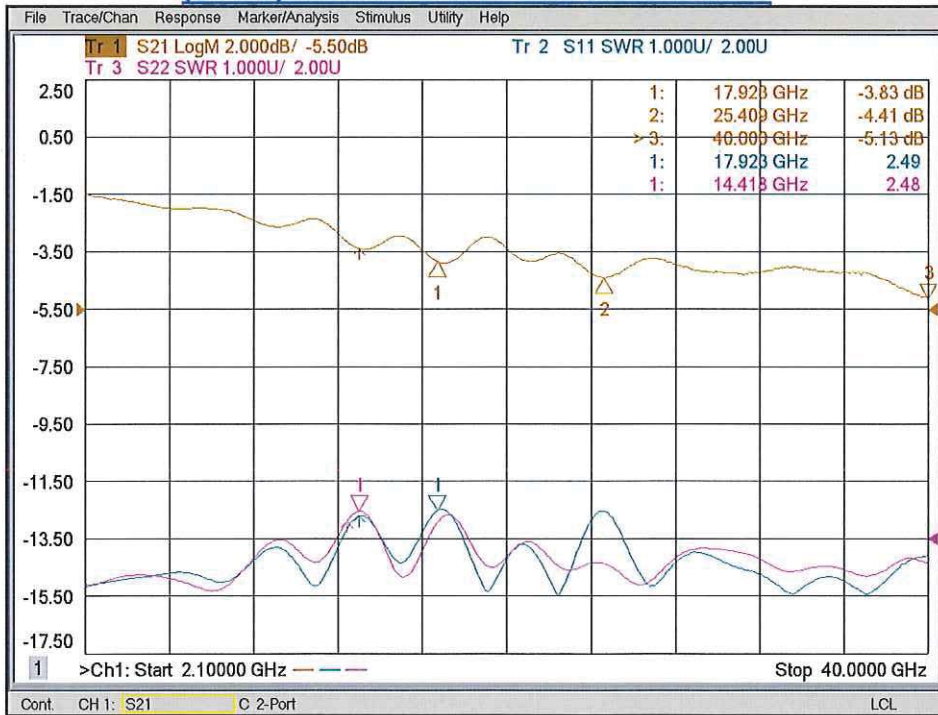
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(J1-J2) Insertion Loss and Return Loss



(J1-J3) Insertion Loss and Return Loss

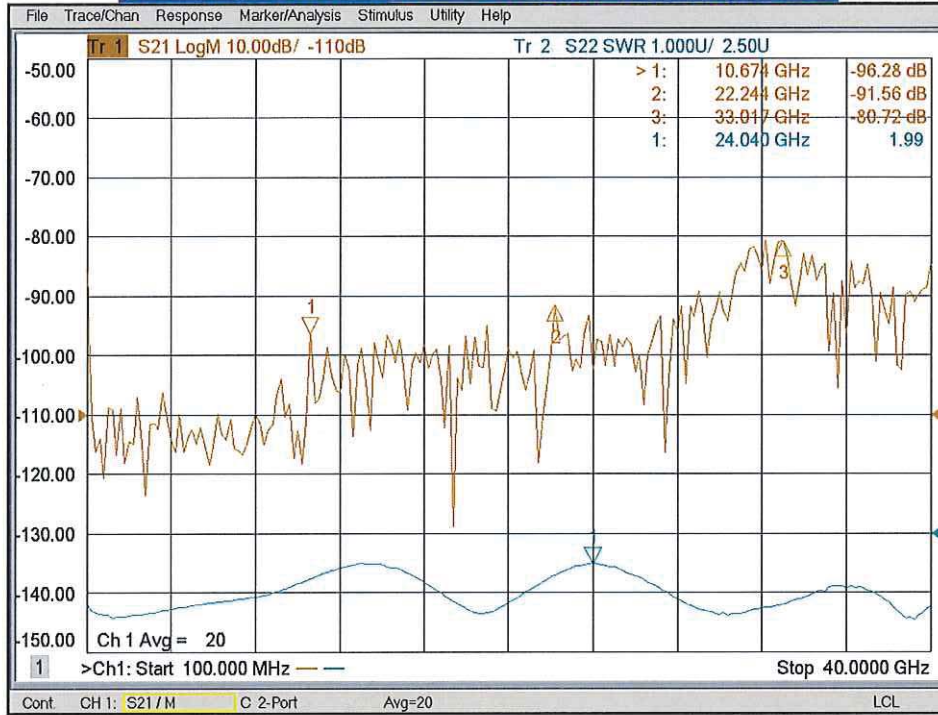




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(J1 – J2) Isolation and Termination Return Loss



(J1 – J3) Isolation and Termination Return Loss

