

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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P2T-100M40G-95-T-512-292FF  
 Serial No: PL45726/2417

Tested By: S. O'Neill  
 Temperature: +25°C  
 Date: 2/4/2025  
 Drawing No: 26921044      REV: C1

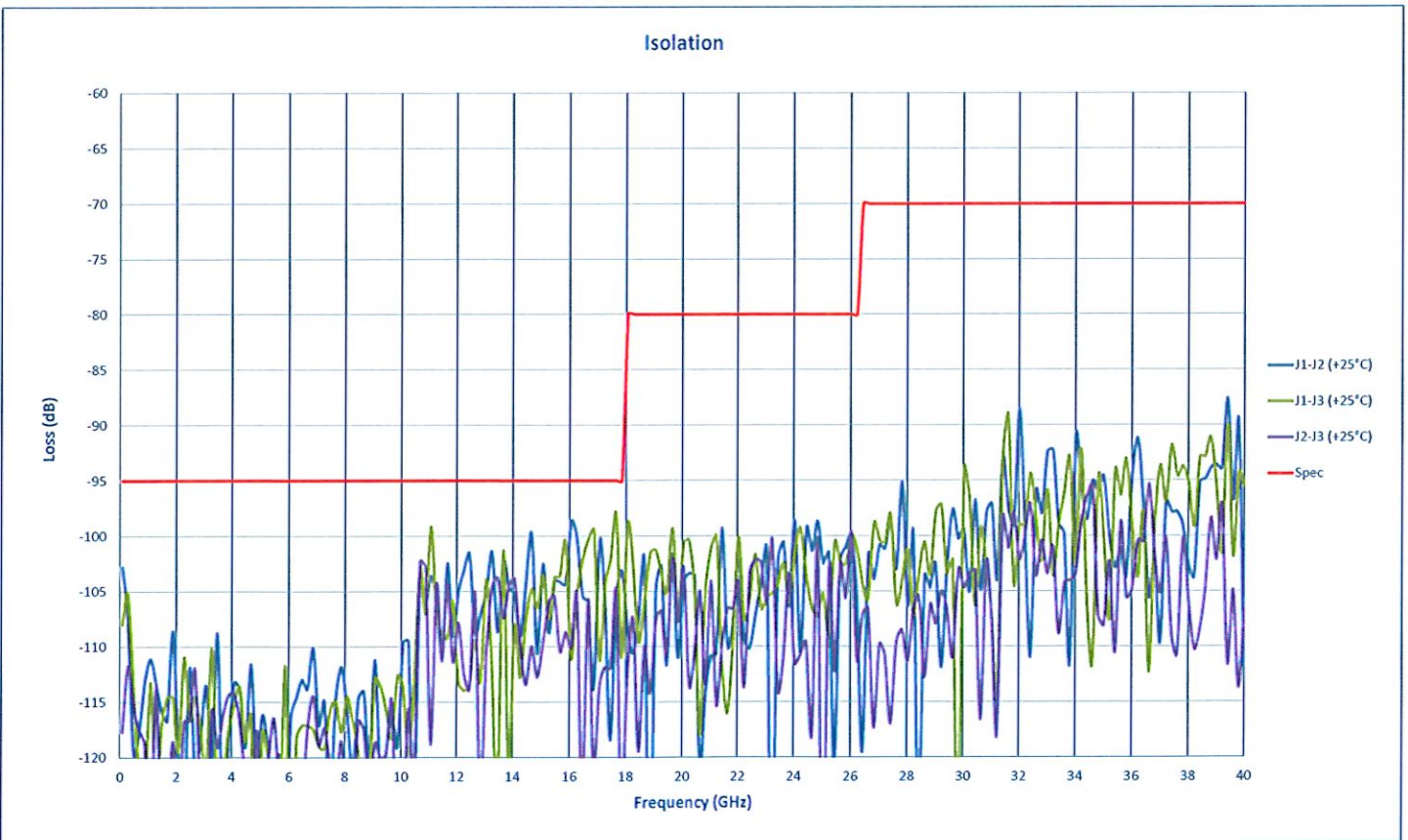
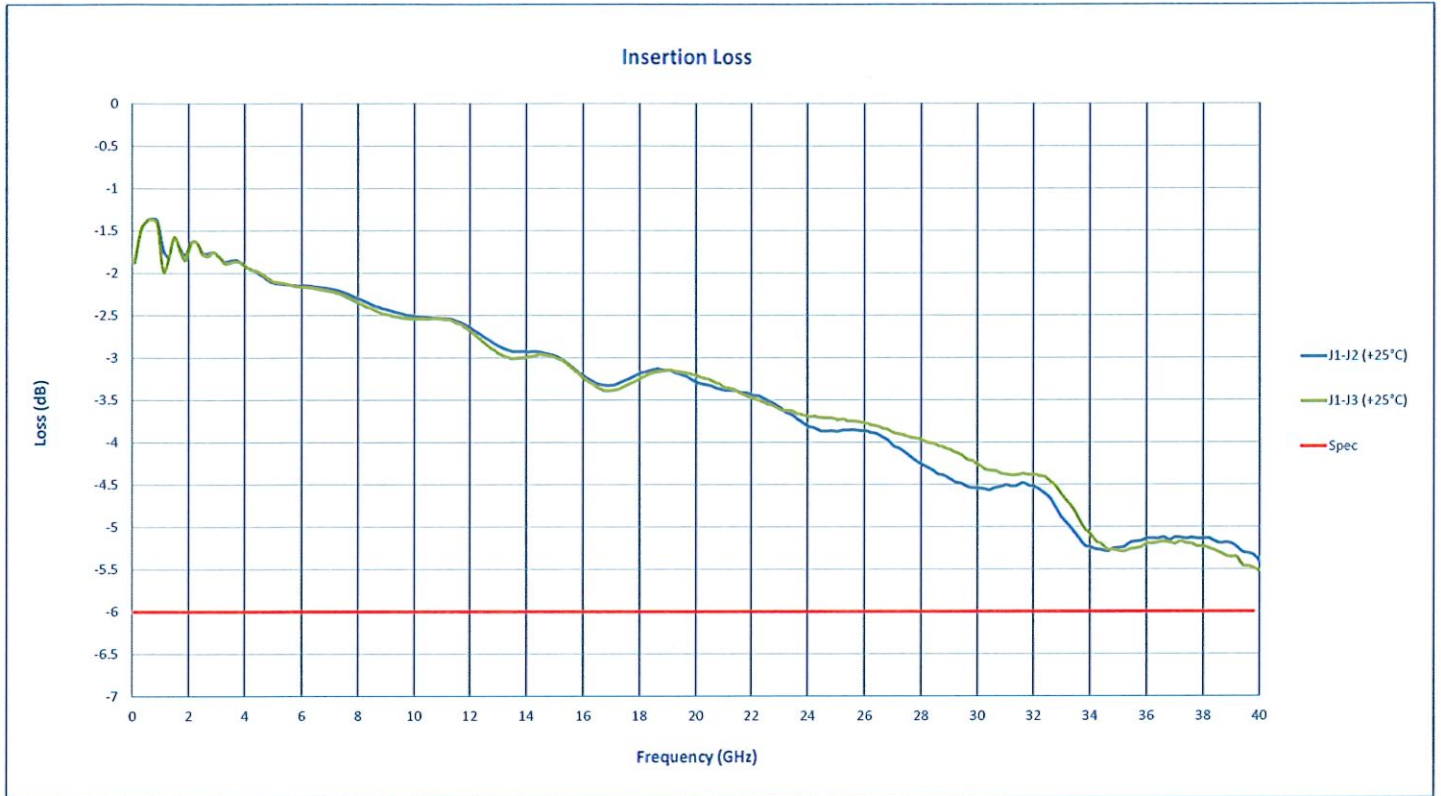
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
			+25°C	
1	Frequency Range:	0.1 to 40 GHz	0.1 to 40 GHz	PMI QA2
2	Insertion Loss:	4.0 dB (0.1 to 18 GHz) Typ. 5.0 dB (18 to 26.5 GHz) Typ. 5.5 dB (26.5 to 40 GHz) Typ. 6.0 dB (0.1 to 40 GHz) Max	3.4 dB	
			3.9 dB	
			5.5 dB	
			See Graphs	
3	VSWR:	2.5 : 1 Max	1.8 :1 Input	
			1.8 :1 Output	
			1.6 :1 Output (Term.)	
			See Graphs	
4	Isolation:	95 dB (0.1 to 18 GHz) Min. 80 dB (18 to 26.5 GHz) Min. 70 dB (26.5 to 40 GHz) Min.	98.1 dB	
			98.6 dB	
			87.6 dB	
			See Graphs	
5	Input Power:	+20 dBm CW Max.	+20 dBm CW Max.	
6	Switching Speed:	100 ns Max.	Pass See Typical Characteristics	
7	Control Signal:	TTL Logic "0" = J1-J2 On TTL Logic "1" = J1-J3 On	TTL Logic "0" = J1-J2 On TTL Logic "1" = J1-J3 On	
8	DC Voltage:	+5 VDC @ 120 mA Max. -12 VDC @ 65 mA Max.	+5 VDC @ 40 mA -12 VDC @ 30 mA	PMI QA2

QA/QC Approval: 

PMI  
QA2

Date: 2/4/2025

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