

SUMMARY TEST DATA
ON

P5T-500M40G-60-T-55-292FF-OPT250M

Customer: _____
 SO No: _____
 Model No: P5T-500M40G-60-T-55-292FF-OPT250M
 Serial No: PL54103/2528

Tested By: K Craven
 Temperature: +25°C
 Date: 7/10/2025
 Drawing No: 27650220 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	
			+25°C	QA/QC
1	Frequency Range:	0.25 to 40 GHz	0.25 to 40 GHz	PMI QA2
2	Insertion Loss:	6 dB Max.	5.77 dB	
3	VSWR Input/Output	2.5:1 Max.	2.07 :1 Max.	
4	Isolation:	70 dB Min.	83.14 dB	
5	Switching Speed	100 ns Max.	See Typical Characteristics	
6	Input Power:	+25 dBm CW MAX (250 MHz to 18 GHz) +23 dBm CW MAX (18 GHz to 40 GHz) +20 dBm CW MAX (HOT SWITCHING)	See Typical Characteristics	
7	Control Signal:	TTL Logic (See Logic Table Below)	Pass	
8	DC Supply:	+5 V @ 300 mA Typ. -5 V @ 100 mA Typ.	+5 V @ 164 mA -5 V @ 56 mA	PMI QA2

CTL1	CTL2	CTL3	J1-J2	J1-J3	J1-J4	J1-J5	J1-J6
0	0	0	LOSS	ISO.	ISO.	ISO.	ISO.
0	0	1	ISO.	LOSS	ISO.	ISO.	ISO.
0	1	0	ISO.	ISO.	LOSS	ISO.	ISO.
0	1	1	ISO.	ISO.	ISO.	LOSS	ISO.
1	0	0	ISO.	ISO.	ISO.	ISO.	LOSS

QA/QC Approval: 

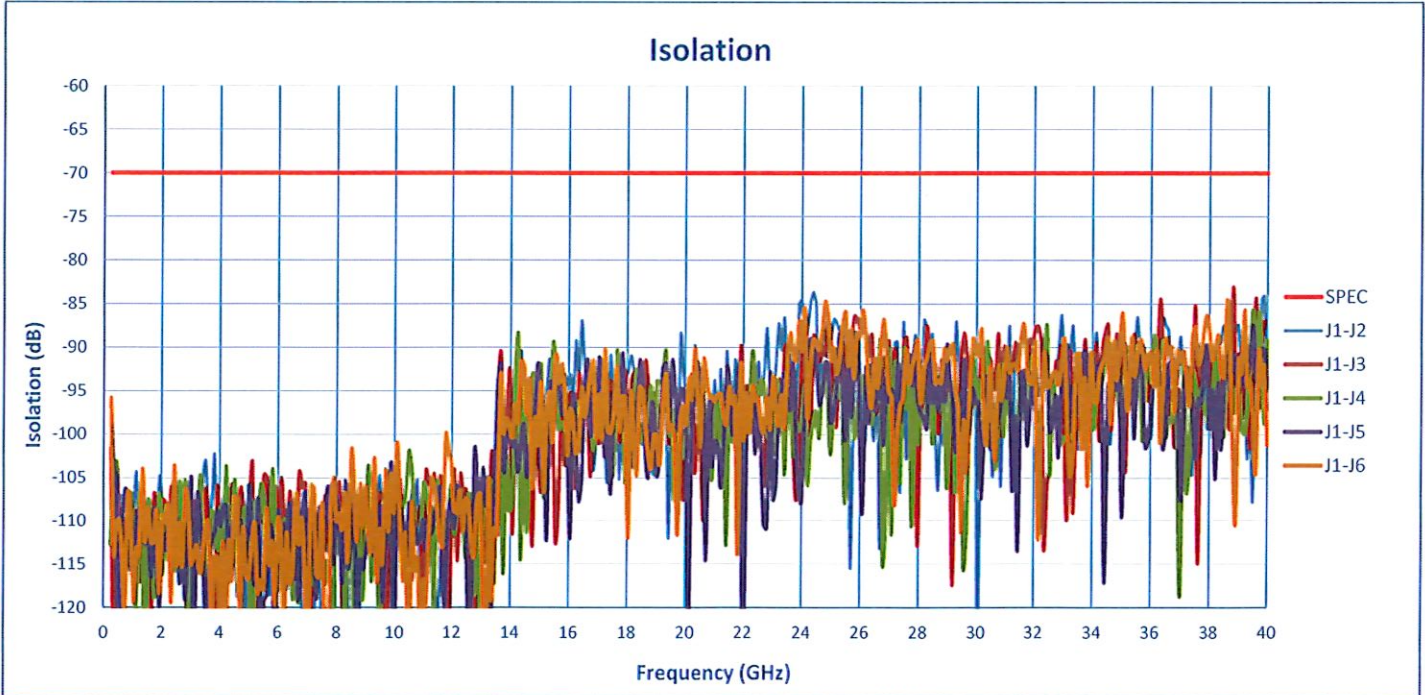
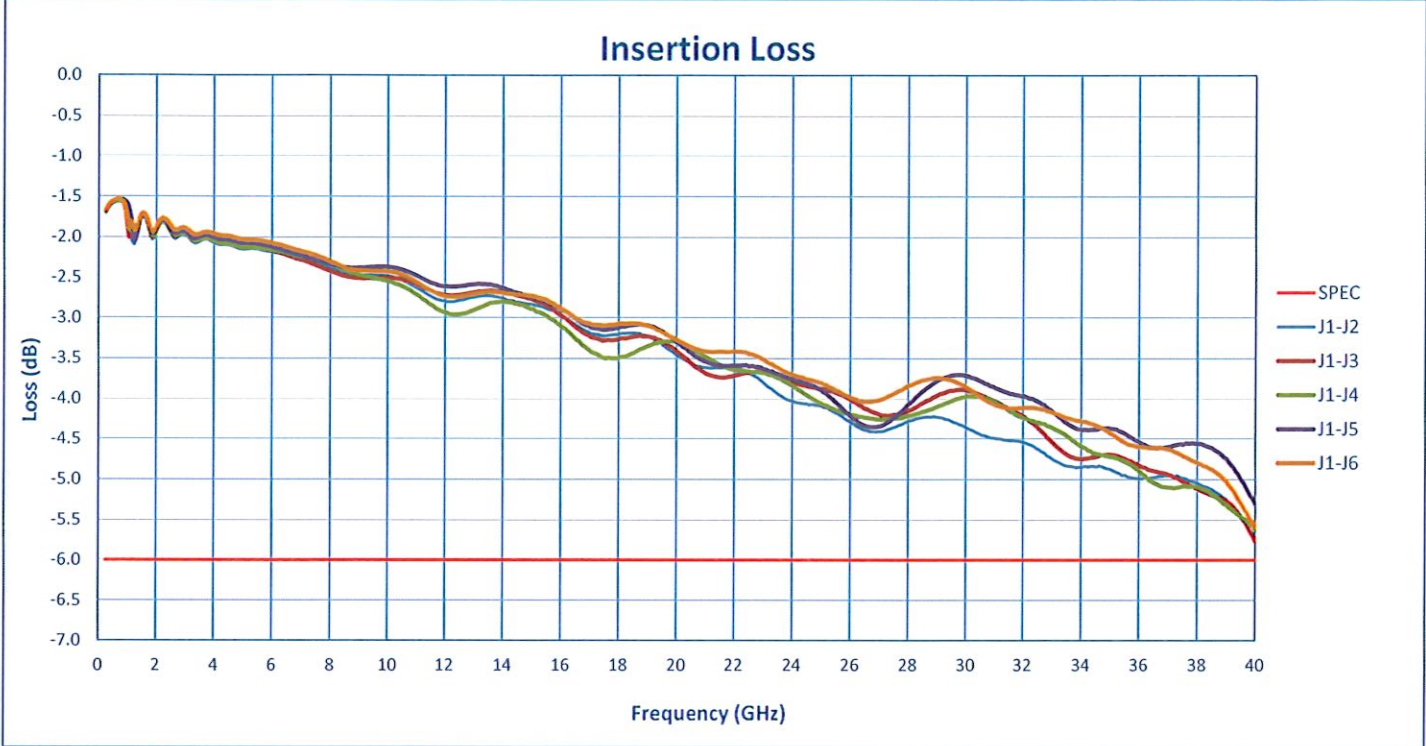
PMI
QA2

Date: 7/11/2025



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