



SUMMARY TEST DATA ON P8T-2G18G-60-T-SFF-NSI

Customer: _____
 SO No: _____
 Model No: P8T-2G18G-60-T-SFF-NSI
 Serial No: PL28747/2017

Tested By: S. O'Neill
 Temperature: 25C
 Date: 5/28/2024
 Drawing No: 27638820 Rev: _____

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC			
			+25°C				
1	Frequency Range:	2 to 18 GHz	2 to 18 GHz	PMI QA			
2	Insertion Loss:	2 - 6 GHz - 2.5 dB Max. 6 - 12 GHz - 3.5 dB Max. 12 - 18 GHz - 4.5 dB Max.	2.23 dB 3.33 dB 4.42 dB See Graphs				
3	Isolation:	60 dB Min.	69.2 dB See Graphs				
4	VSWR: In/Out Absortive Out/OFF	2.0:1 Max.	1.89:1 See Graphs				
5	RF Input Power (CW)	+20dBm Max.	Pass See Typical Characteristics				
6	Switching Speed	100ns Max.	Pass See Typical Characteristics				
7	IIP3	+30dBm Typ.	Pass See Typical Characteristics				
8	Impedance	50Ω	Pass				
9	Power Supply:	+5 VDC @ 300 mA Typ. -5 VDC @ 100 mA Typ.	+5 VDC @ 118 mA -5 VDC @ 52 mA				
10	Control Signal:	3 Bit TTL: Logic (See Table)					
		E1	E2	E3	PATH ON		
		0	0	0	J1	Pass	PMI QA
		1	0	0	J2		
		0	1	0	J3		
		1	1	0	J4		
		0	0	1	J5		
		1	0	1	J6		
		0	1	1	J7		
		1	1	1	J8		

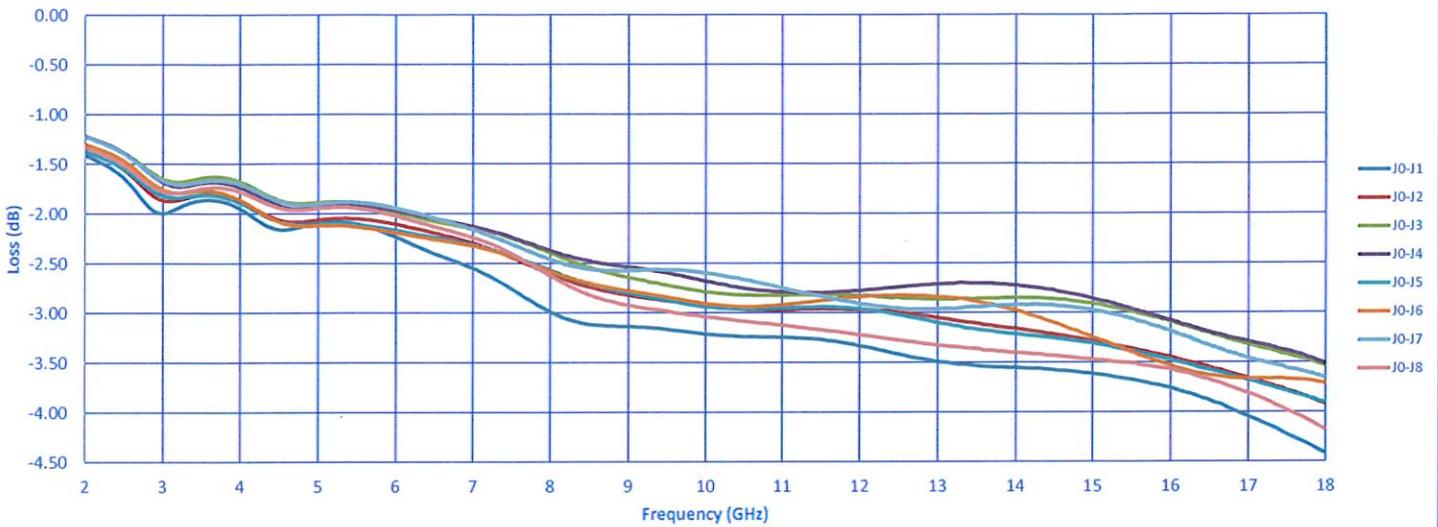
QA/QC Approval: *Cameron Kelley*

Date: 5/29/24

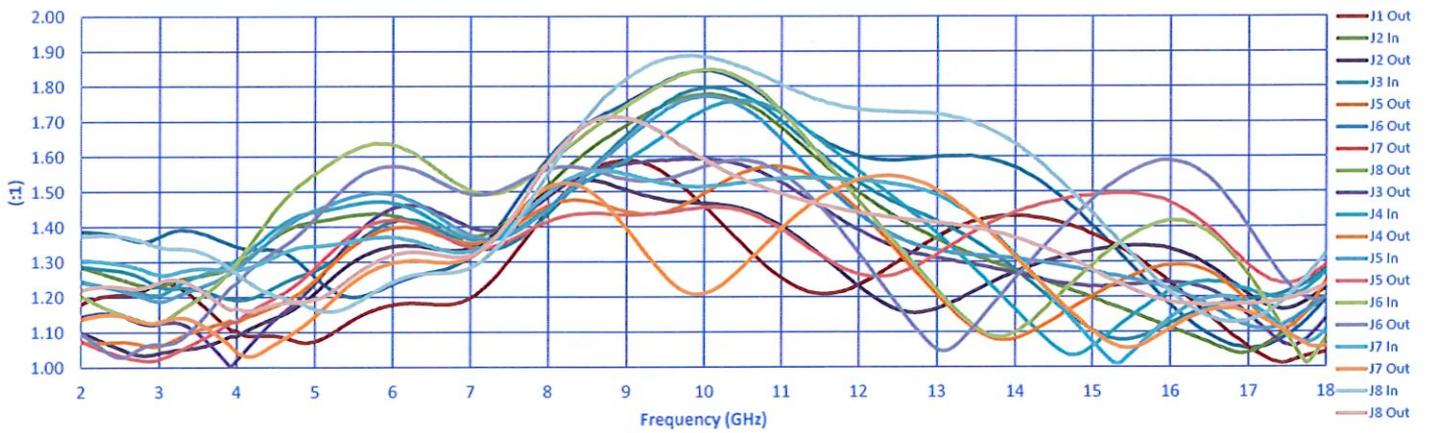


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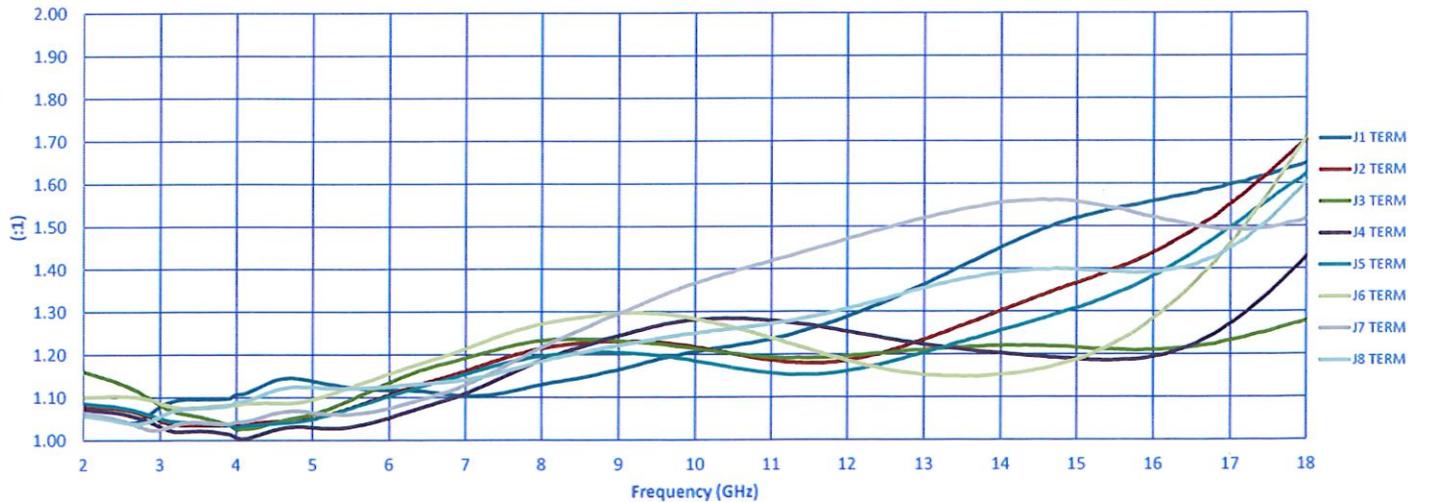
Insertion Loss



VSWR In / Out



VSWR Absorptive Out/OFF





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