



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

Customer: \_\_\_\_\_  
 SO No: 202000053-DEMO  
 Model No: P8T-2G18G-60-T-SFF-NSI  
 Serial No: PL28747/2017

Tested By: A. Lopez  
 Temperature: +25°C  
 Date: 5/11/2020  
 Drawing No: \_\_\_\_\_ Rev: \_\_\_\_\_

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC																																
			+25°C																																	
1	Frequency Range:	2 to 18 GHz	Spec 2 to 18 GHz																																	
2	Insertion Loss:	2 - 6 GHz - 2.5 dB Max. 6 -12 GHz - 3.5 dB Max. 12 -18 GHz - 4.5 dB Max.	2.04 dB 3.04 dB 4.26 dB See Graphs																																	
3	Isolation:	60 dB Min.	67.73 dB - 2 to 18GHz See Graphs																																	
4	VSWR: In/Out Absortive Out/OFF	2.0:1 Max.	1.88:1 2 to 18 GHz 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)	Pass																																	
		<table border="1"> <thead> <tr> <th>E1</th> <th>E2</th> <th>E3</th> <th>PAT</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td><td>J1</td></tr> <tr><td>1</td><td>0</td><td>0</td><td>J2</td></tr> <tr><td>0</td><td>1</td><td>0</td><td>J3</td></tr> <tr><td>1</td><td>1</td><td>0</td><td>J4</td></tr> <tr><td>0</td><td>0</td><td>1</td><td>J5</td></tr> <tr><td>1</td><td>0</td><td>1</td><td>J6</td></tr> <tr><td>0</td><td>1</td><td>1</td><td>J7</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>J8</td></tr> </tbody> </table>			E1	E2	E3	PAT	0	0	0	J1	1	0	0	J2	0	1	0	J3	1	1	0	J4	0	0	1	J5	1	0	1	J6	0	1	1	J7
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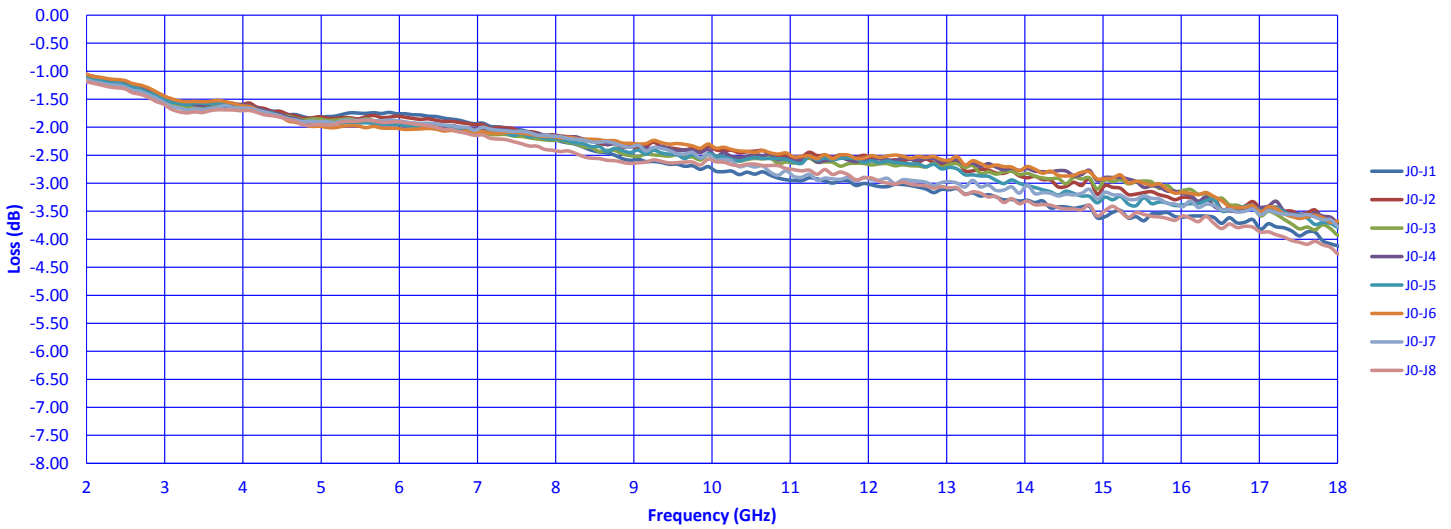
QA/QC Approval: \_\_\_\_\_

Date: \_\_\_\_\_

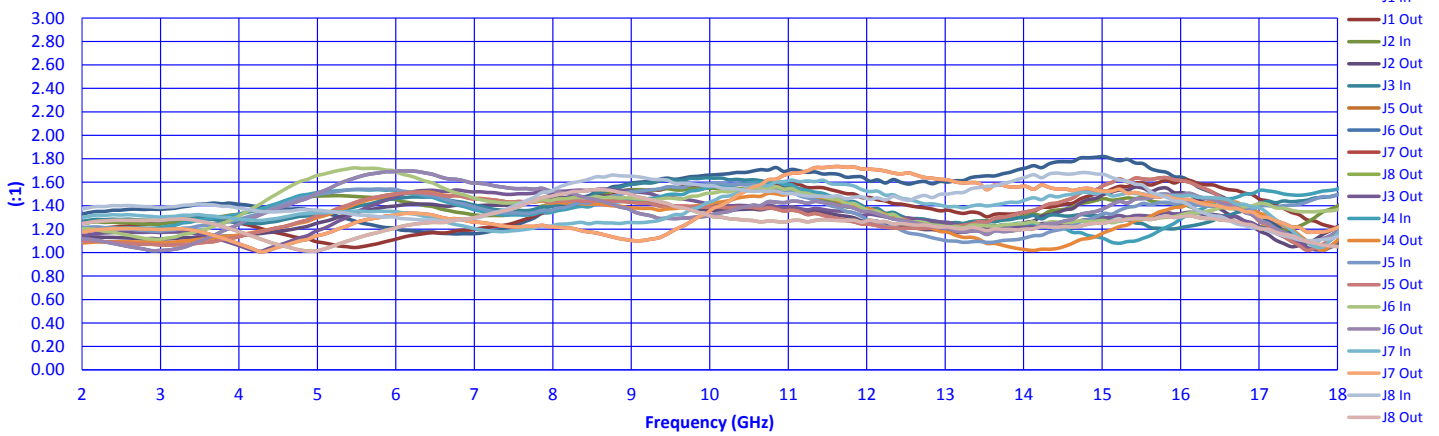


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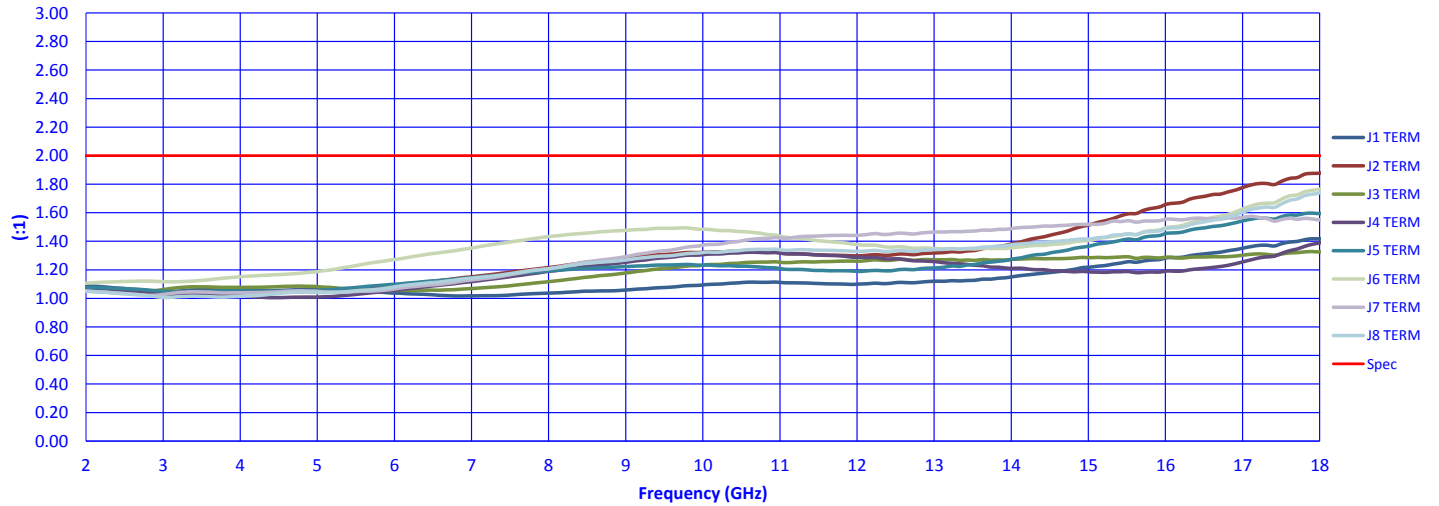
### Insertion Loss



### VSWR In / Out



### VSWR Absorptive Out/OFF





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