

# SUMMARY TEST DATA ON P2T-100M56G-100-T-185MM

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P2T-100M56G-100-T-185MM  
 Serial No: PL39034/2251

Tested By: Alfredo Lopez  
 Temperature: +25°C  
 Date: 12/23/2022  
 Drawing No: 27644700 Rev: A1

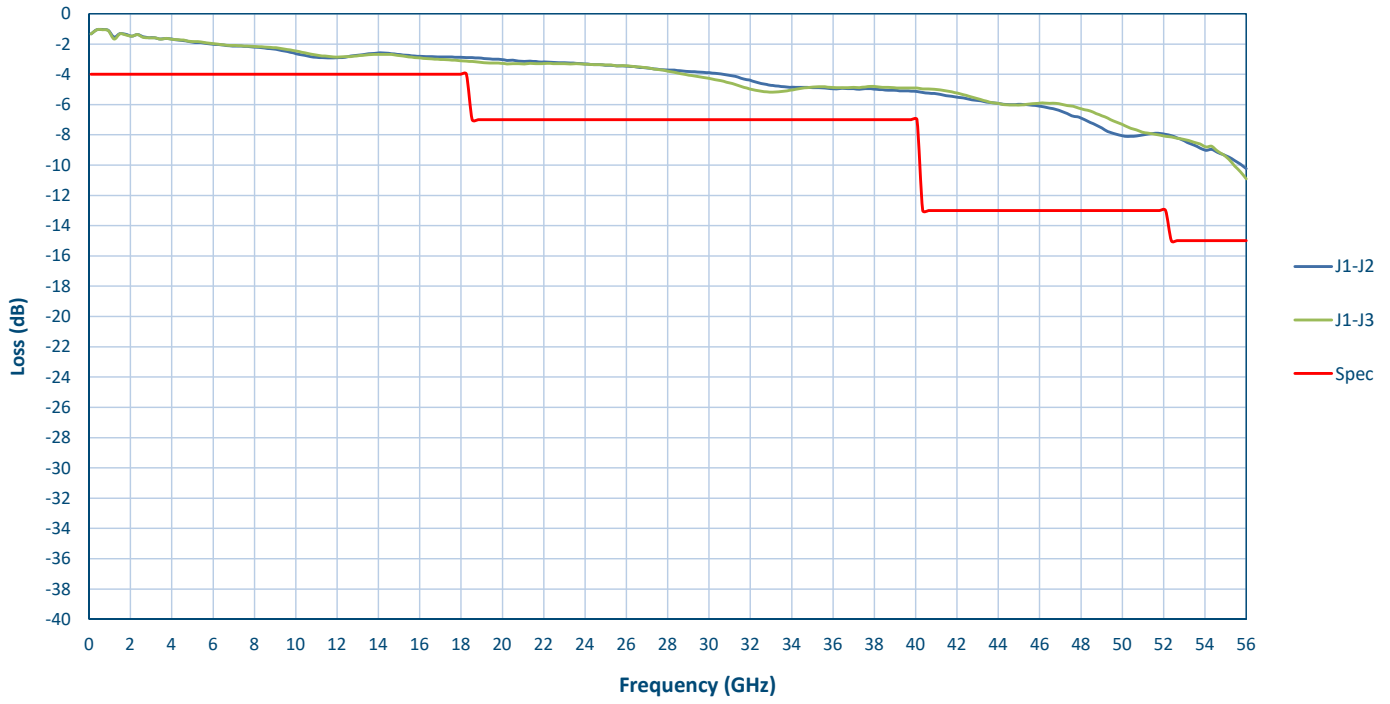
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
			+25°C	
1	Frequency Range:	0.1 to 56 GHz	0.1 to 56 GHz	
2	Insertion Loss:	4.0 dB (0.1 to 18 GHz) Max.	3.14 dB	
		7.0 dB (18 to 40 GHz) Max.	5.18 dB	
		13.0 dB (40 to 52 GHz) Max.	8.1 dB	
		15.0 dB (52 to 56 GHz) Max.	10.92 dB	
			See Graphs	
3	VSWR:	2.5:1 (0.1 to 18 GHz) Max.	1.95 :1	
		3.0:1 (18 to 40 GHz) Max.	2.31 :1	
		3.2:1 (40 to 56 GHz) Max.	2.94 :1	
			See Graphs	
4	Isolation:	90 dB (0.1 to 1 GHz) Min.	103.1 dB	
		90 dB (1 to 18 GHz) Min.	99.49 dB	
		75 dB (18 to 40 GHz) Min.	86.77 dB	
		70 dB (40 to 52 GHz) Min.	79.79 dB	
		65 dB (52 to 56 GHz) Min.	80.63 dB	
			See Graphs	
5	Input Power:	23 dBm CW Max.	Pass See Typical Characteristics	
6	Switching Speed:	50 ns Max.	Pass See Typical Characteristics	
7	Control Signal:	TTL Logic "0" = J1-J2 On TTL Logic "1" = J1-J3 On	Pass	
8	DC Voltage:	+5 VDC @ 100 mA Max. -5 VDC @ 100 mA Max.	+5 VDC @ 86 mA -5 VDC @ 63 mA	

QA/QC Approval: \_\_\_\_\_

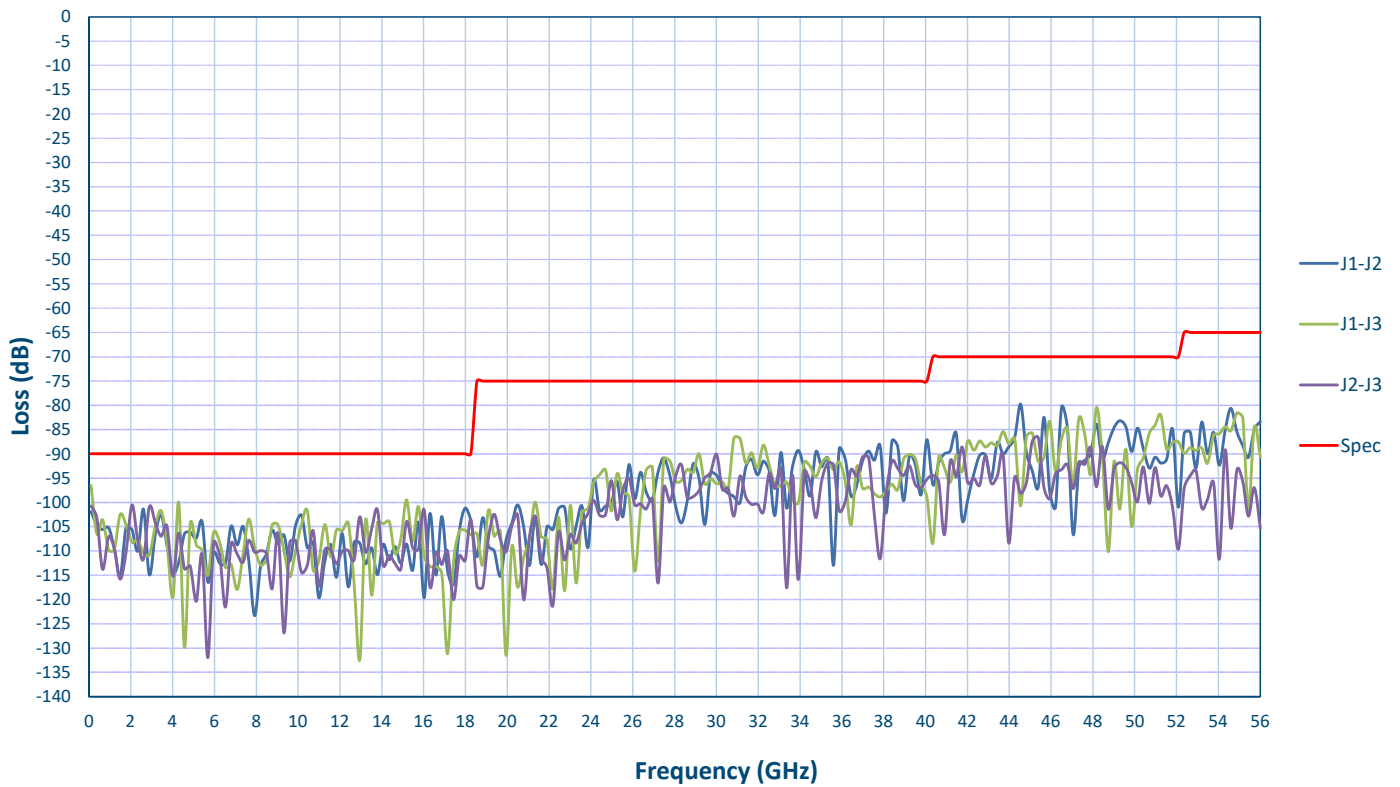
Date: \_\_\_\_\_

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## Insertion Loss



## Isolation



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