

**SUMMARY TEST DATA  
ON  
P2T-18G42G-60-R-55-292FF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P2T-18G42G-60-R-55-292FF  
 Serial No: PL55609/2540

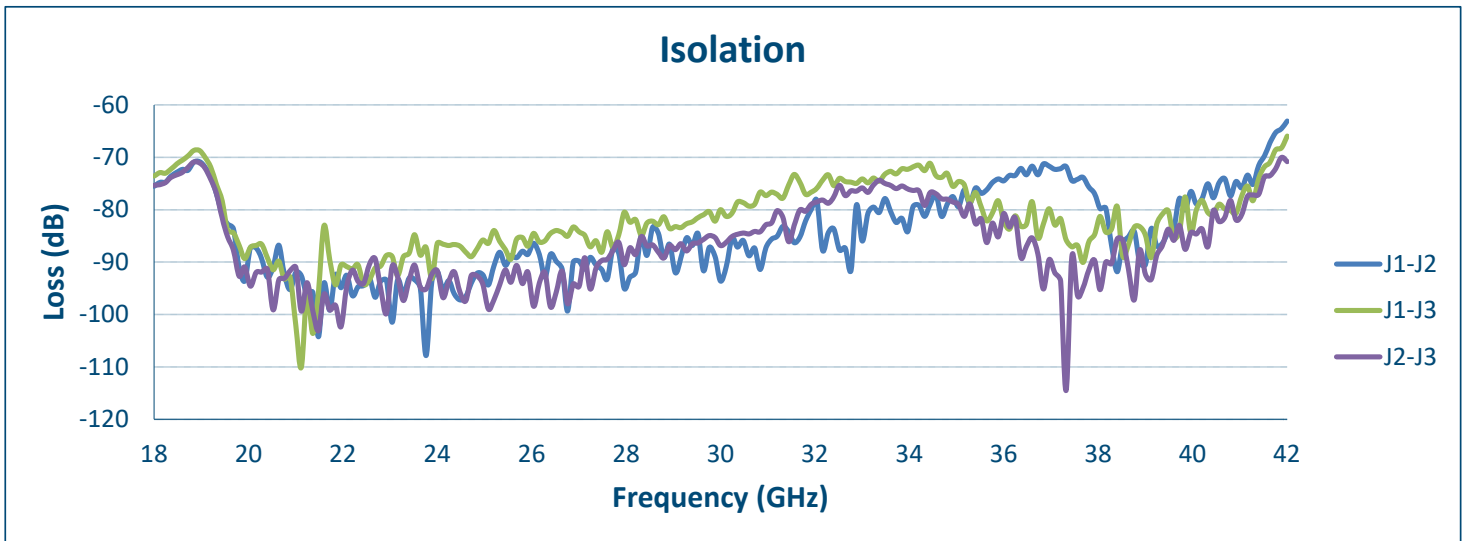
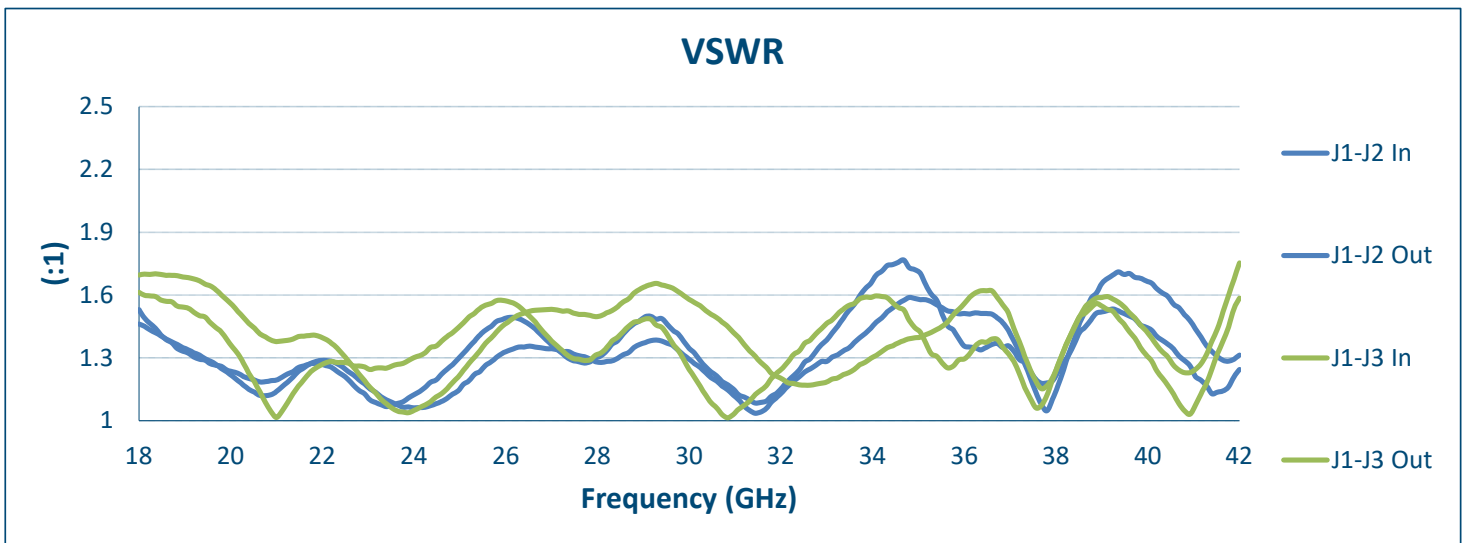
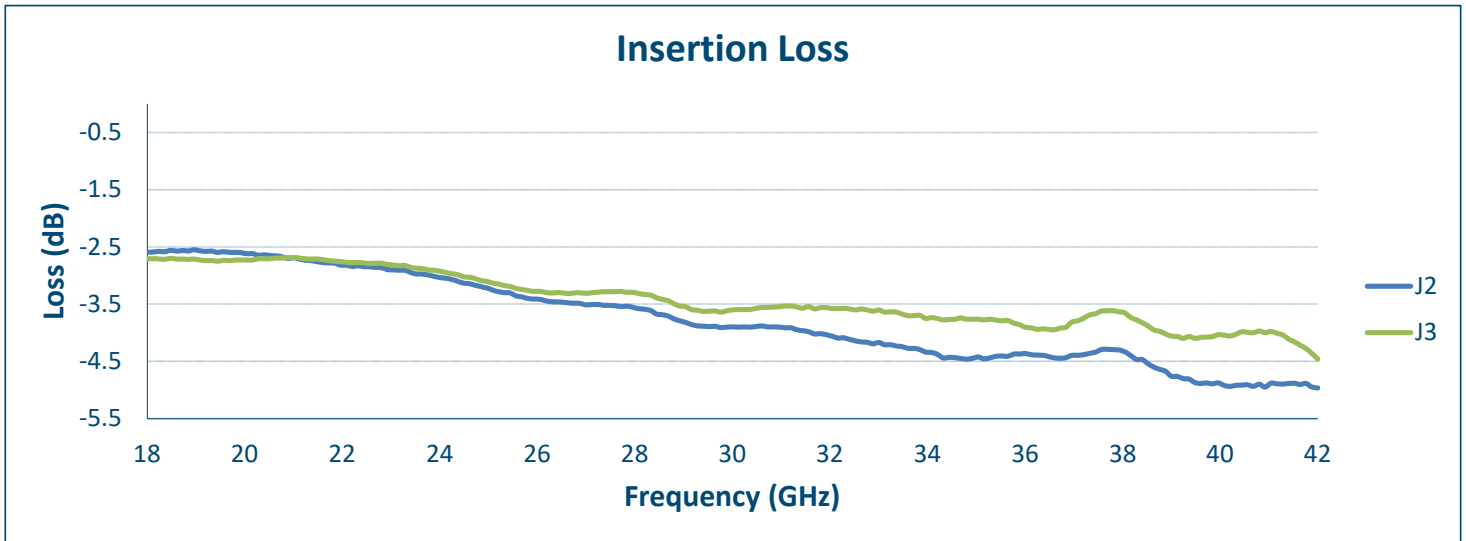
Tested By: S. O'Neill  
 Temperature: 25°C  
 Date: 10/7/2025  
 Drawing No: 27652480      Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	18 GHz TO 42 GHz	18 GHz TO 42 GHz	
2	VSWR: In/Out	2.5:1 Max	In 1.77:1 Out 1.75 :1 See Plot	
3	Insertion Loss:	4.5 dB Goal 5.5 dB Max	4.96 dB See Plot	
4	Isolation:	60 dB Min.	63 dB See Plot	
5	Switching Speed:	DRIVER DELAY AND SWITCH TIME (ON) (50% TTL TO INSERTION LOSS): <b>200 ns Max</b>	166 ns	
		DRIVER DELAY AND SWITCH TIME (OFF) (50% TTL TO INSERTION LOSS): <b>200 ns Max</b>	122 ns	
6	DC Supply:	+5 VDC ±5% @ 175 mA Max. -5 VDC +5% TO -12 VDC -5% @ 75 mA Max.	+5 VDC @ 23 mA -5 VDC TO -12 VDC @ 26 mA	
7	Control Signal:	TTL LOGIC 0: J2 ENABLED 1: J3 ENABLED	TTL LOGIC 0: J2 ENABLED 1: J3 ENABLED	

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

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

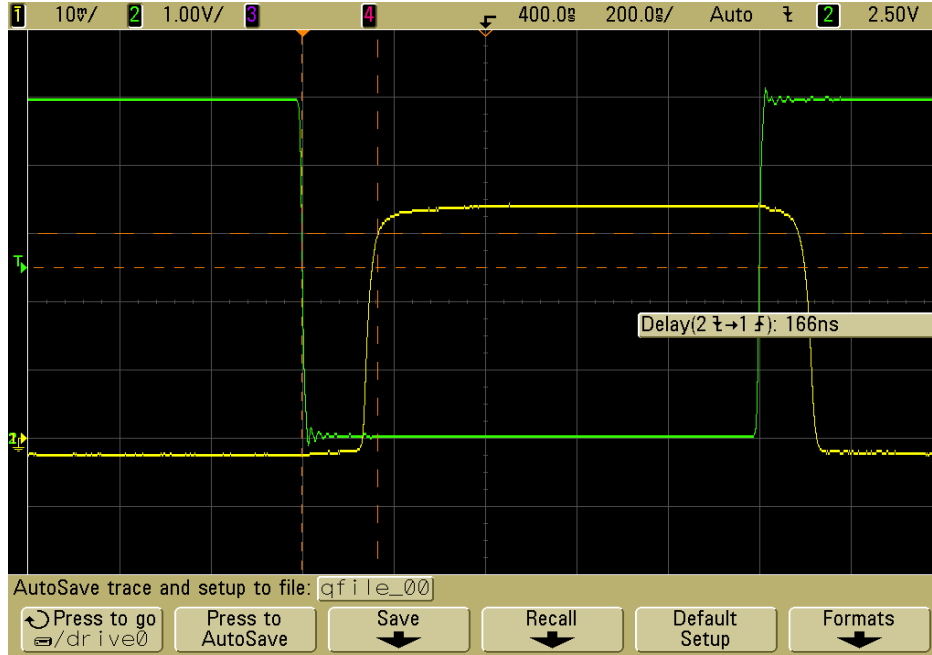
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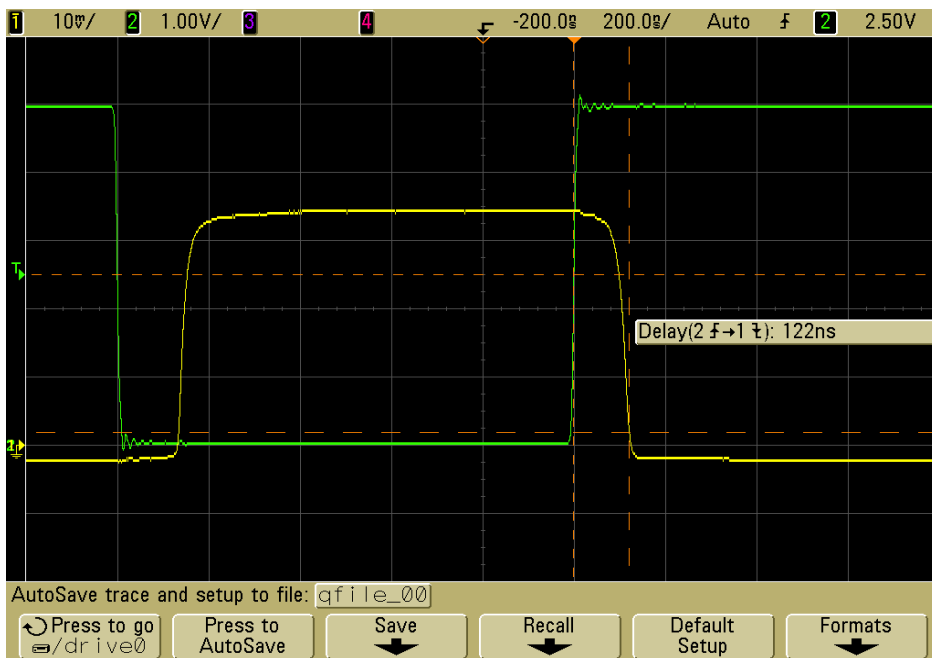
## J2 Rise Time Delay

Green=TTL Yellow=RF



## J2 Fall Time Delay

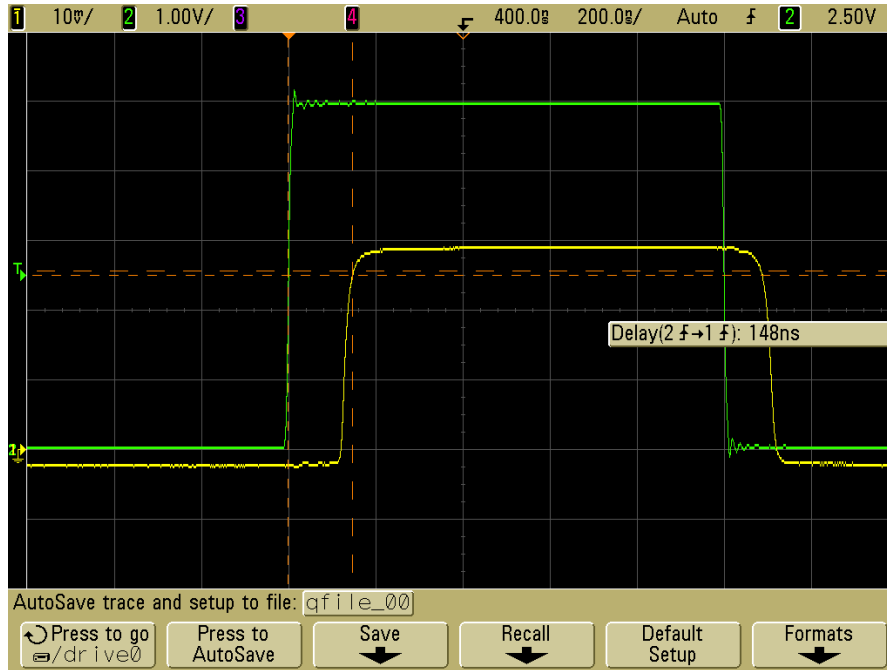
Green=TTL Yellow=RF



# SUMMARY TEST DATA ON P2T-18G42G-60-R-55-292FF

## J3 Rise Time Delay

Green=TTL Yellow=RF



## J3 Fall Time Delay

Green=TTL Yellow=RF

