

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

Customer: _____
 SO No: _____
 Model No: P2T-18G42G-60-R-55-292FF
 Serial No: PL55608/2540

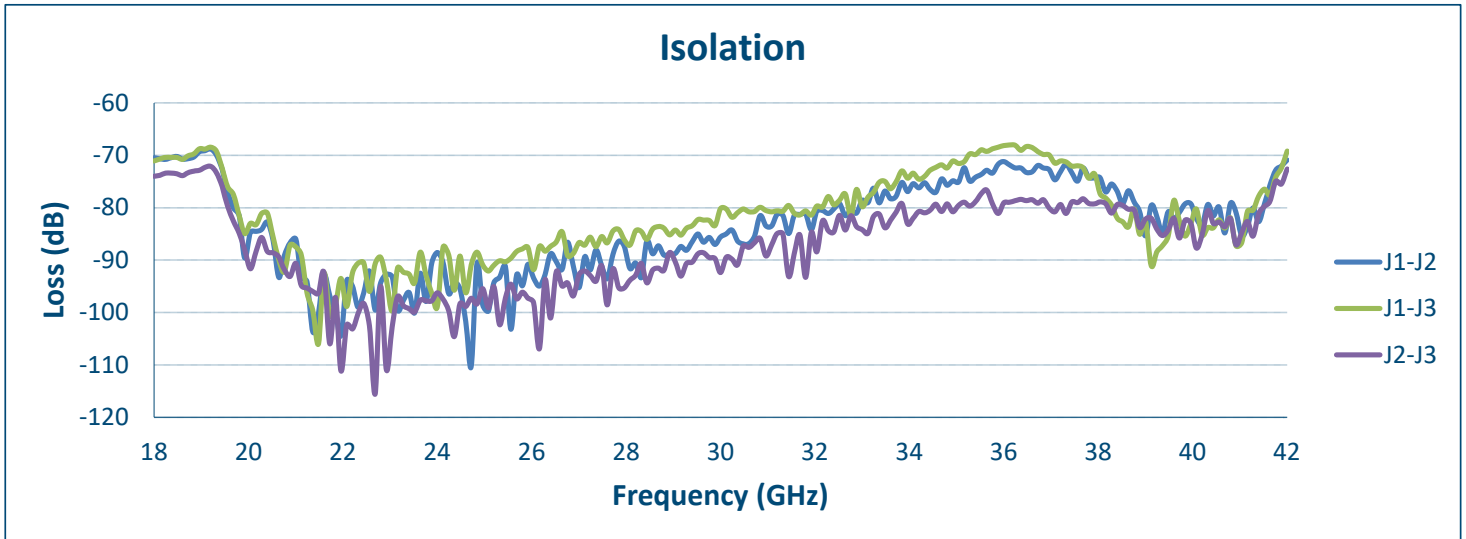
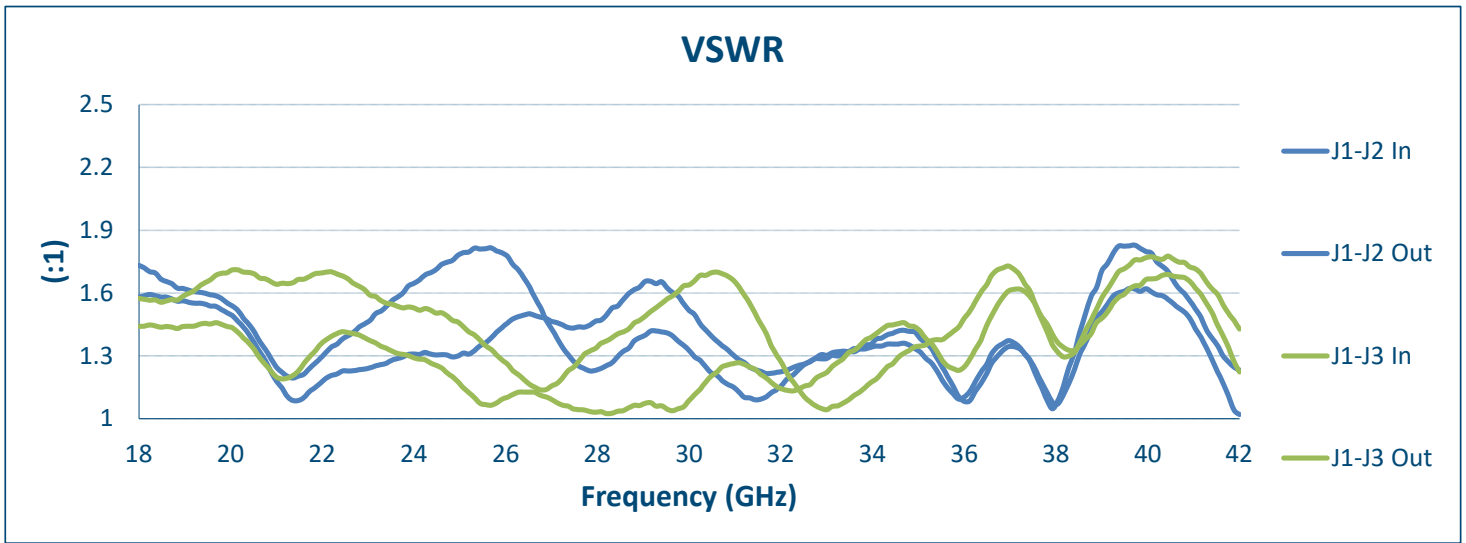
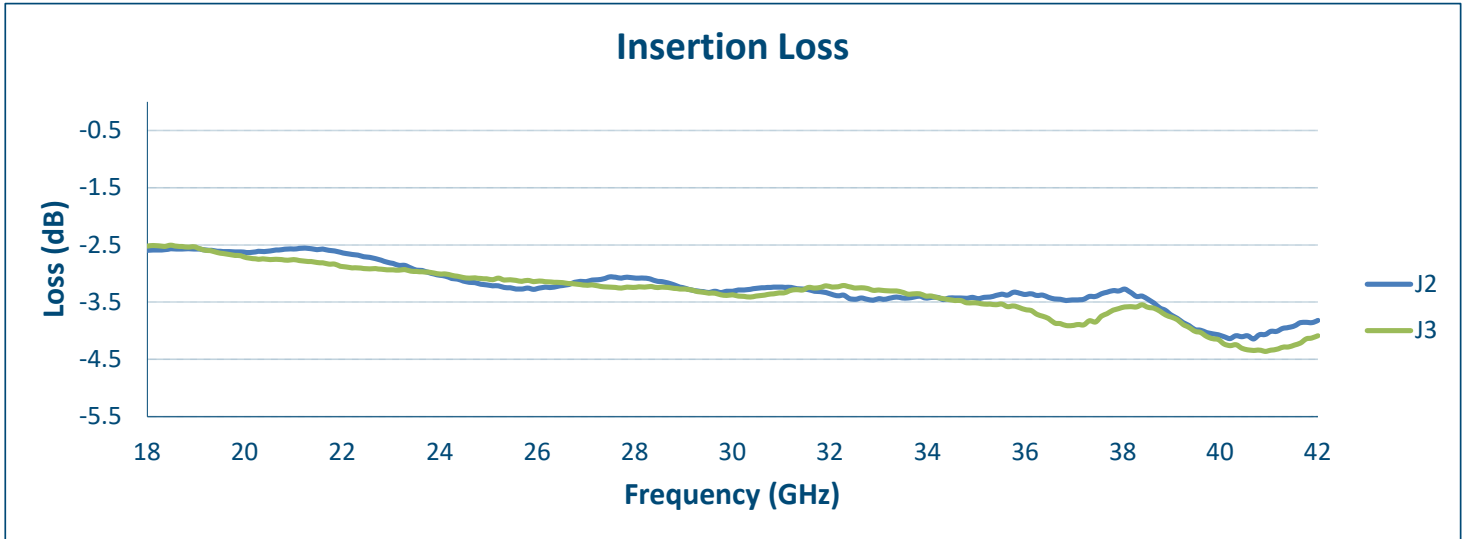
Tested By: S. O'Neill
 Temperature: 25°C
 Date: 10/7/2025
 Drawing No: 27652480 Rev: A1

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 1.69:1 Out 1.83 :1 See Plot	
3	Insertion Loss:	4.5 dB Goal 5.5 dB Max	4.36 dB See Plot	
4	Isolation:	60 dB Min.	68 dB See Plot	
5	Switching Speed:	DRIVER DELAY AND SWITCH TIME (ON) (50% TTL TO INSERTION LOSS): 200 ns Max	158 ns	
		DRIVER DELAY AND SWITCH TIME (OFF) (50% TTL TO INSERTION LOSS): 200 ns Max	120 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: _____

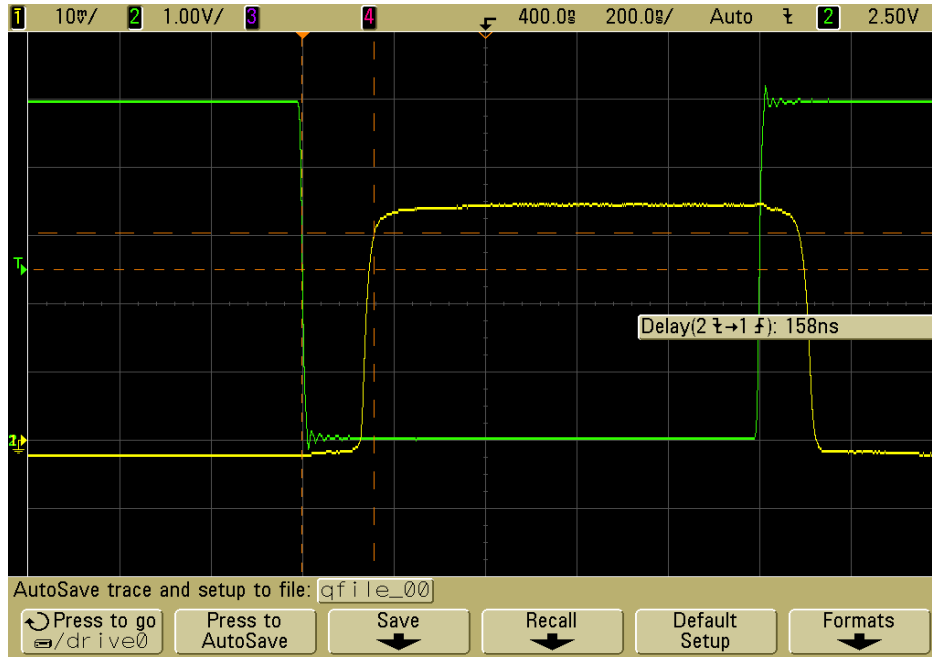
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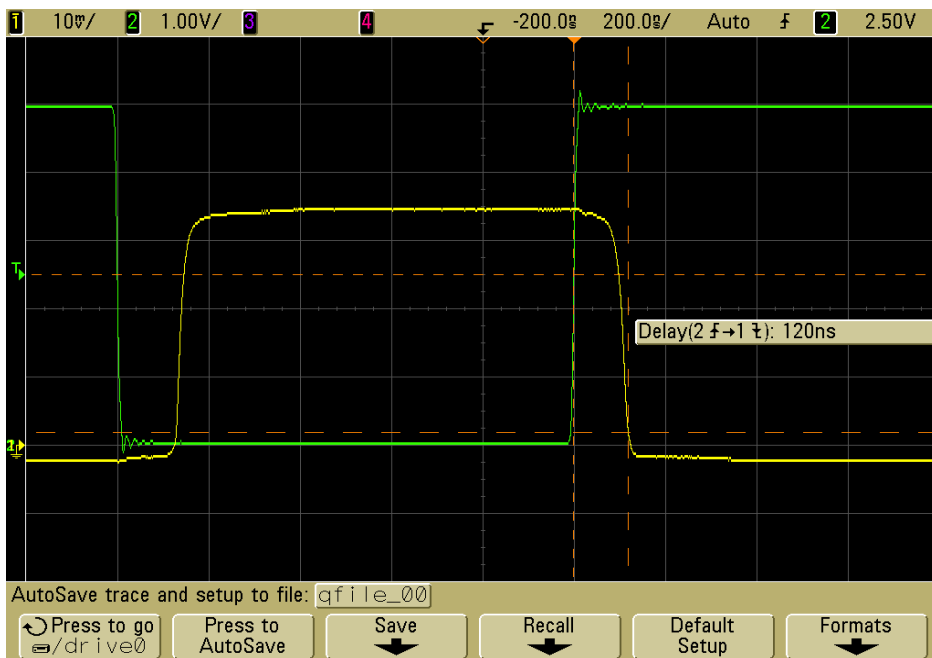
J2 Rise Time Delay

Green=TTL Yellow=RF



J2 Fall Time Delay

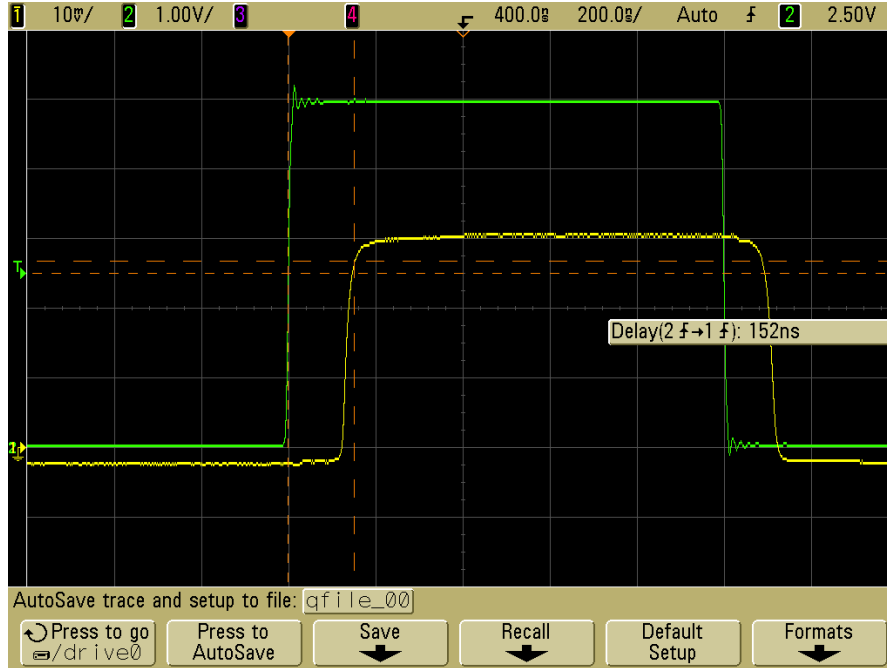
Green=TTL Yellow=RF



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

