

**SUMMARY TEST DATA
ON
P2T-2733-40-R-10W-292FF-HERM-PD**

Customer: _____
 SO No: 20250029-PE
 Model No: P2T-2733-40-R-10W-292FF-HERM-PD
 Serial No: Demo #3

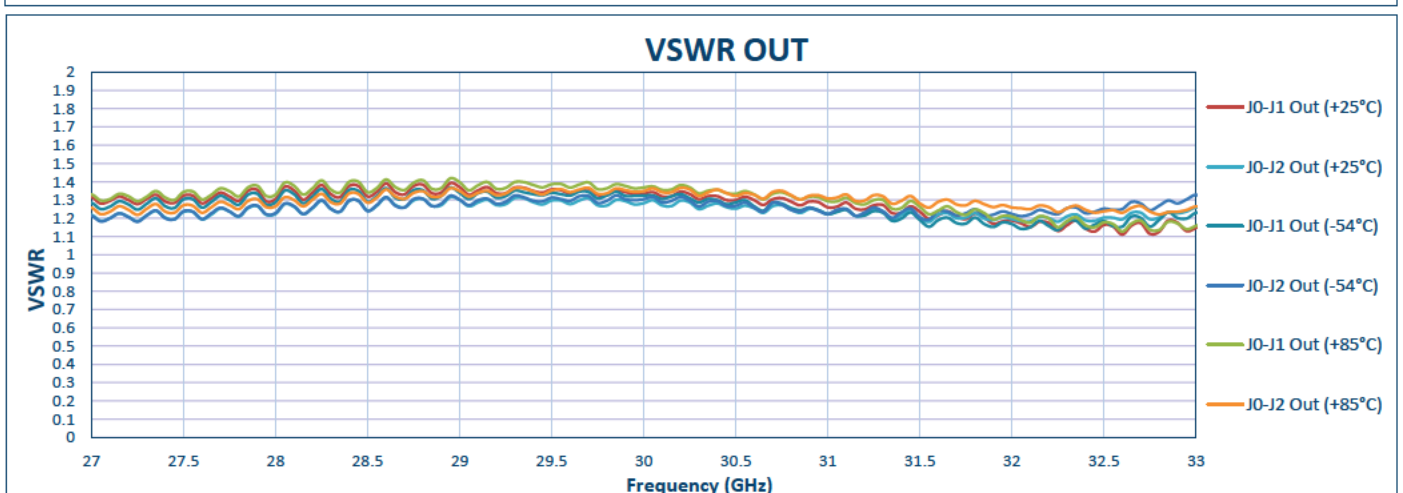
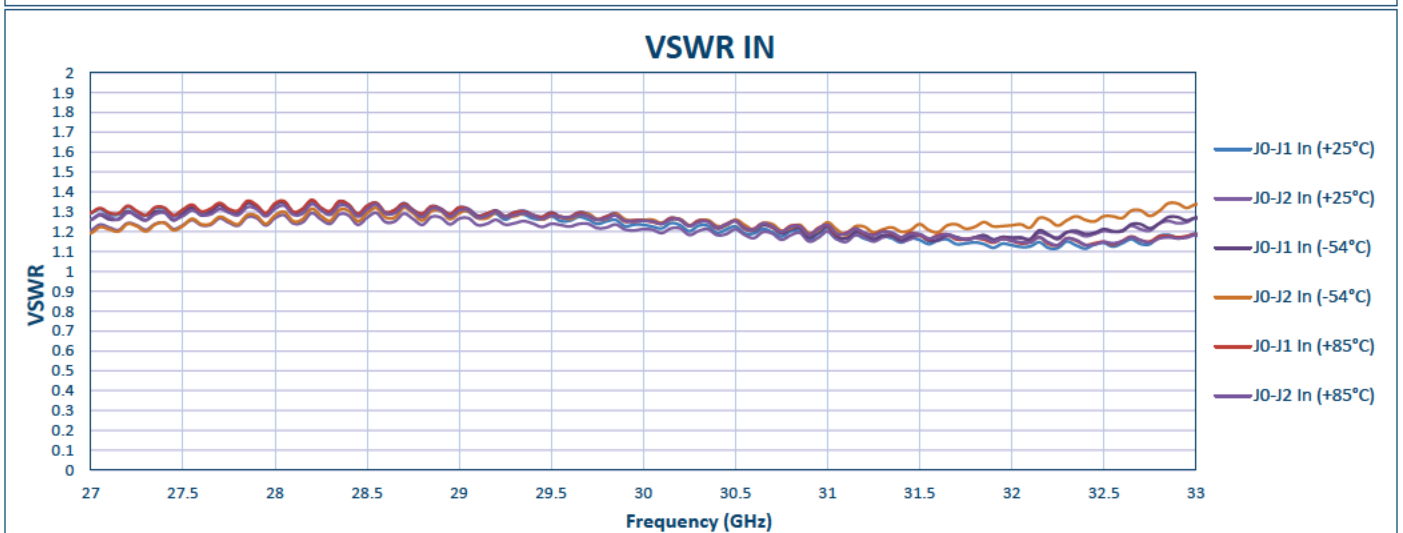
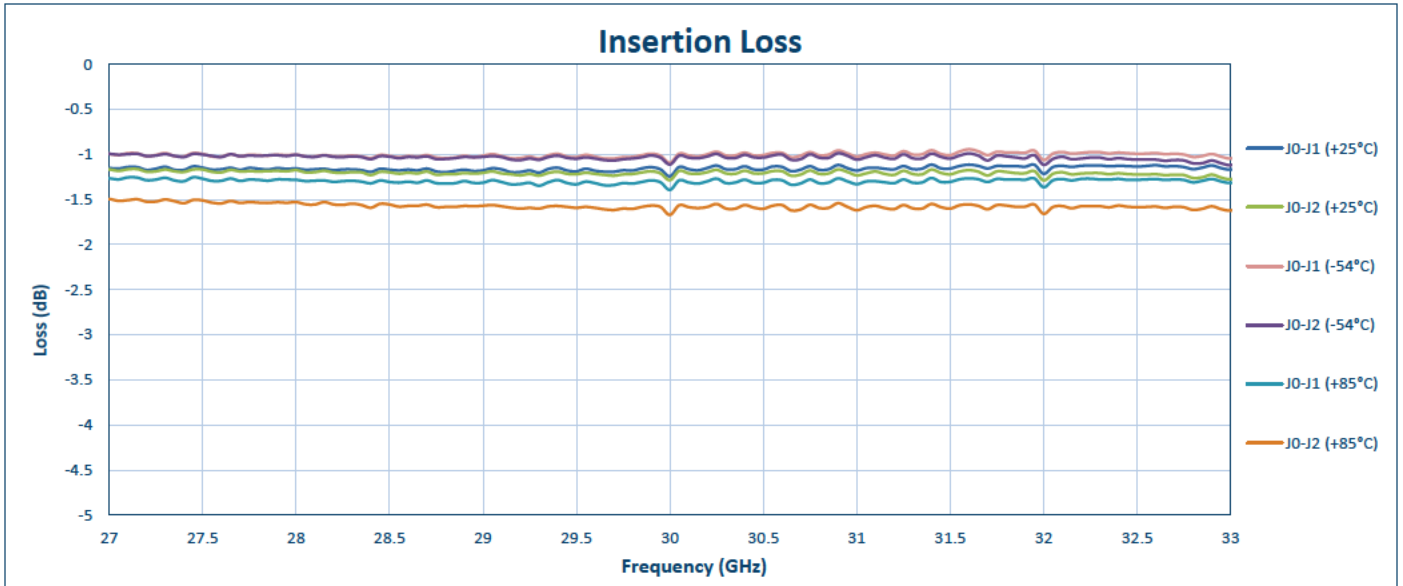
Tested By: Alfredo Lopez
 Temperature: +25°C
 Date: 8/25/2025
 Drawing No: _____ Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS			QA QC
			+25°C	-54°C	+85°C	
1	Frequency Range:	27 to 33 GHz	27 to 33 GHz	27 to 33 GHz	27 to 33 GHz	
2	Insertion Loss:	2 dB Max.	1.29 dB See Graph	1.12 dB See Graph	1.67 dB See Graph	
3	Isolation:	35 dB Min.	37.54 dB See Graph	37.81 dB See Graph	37.08 dB See Graph	
4	VSWR: In/Out	2.0:1 Max.	1.39 :1 See Graph	1.37 :1 See Graph	1.42 :1 See Graph	
5	Input Power:	10 Watts CW Max. (+40 dBm)	Tested @ 6.3 Watts See Graph	Tested @ 6.3 Watts See Graph	Tested @ 6.3 Watts See Graph	
6	Switching Speed:	500 ns Max.	Rise Time - 31.33 ns			
			Fall Time - 45.68 ns			
			Speed ON - 80 ns			
			Speed OFF - 89.6 ns			
			See Plots			
7	Logic Control:	Logic "0" = GND Logic "1" = 2.8 - 5V	Pass			
8	DC Supply:	-40V @ 10 mA Max +5 V @ 30 mA Max.	-40V @ 1 µA +5 V @ 20 mA	-40V @ 1 µA +5 V @ 19 mA	-40V @ 1 µA +5 V @ 21 mA	

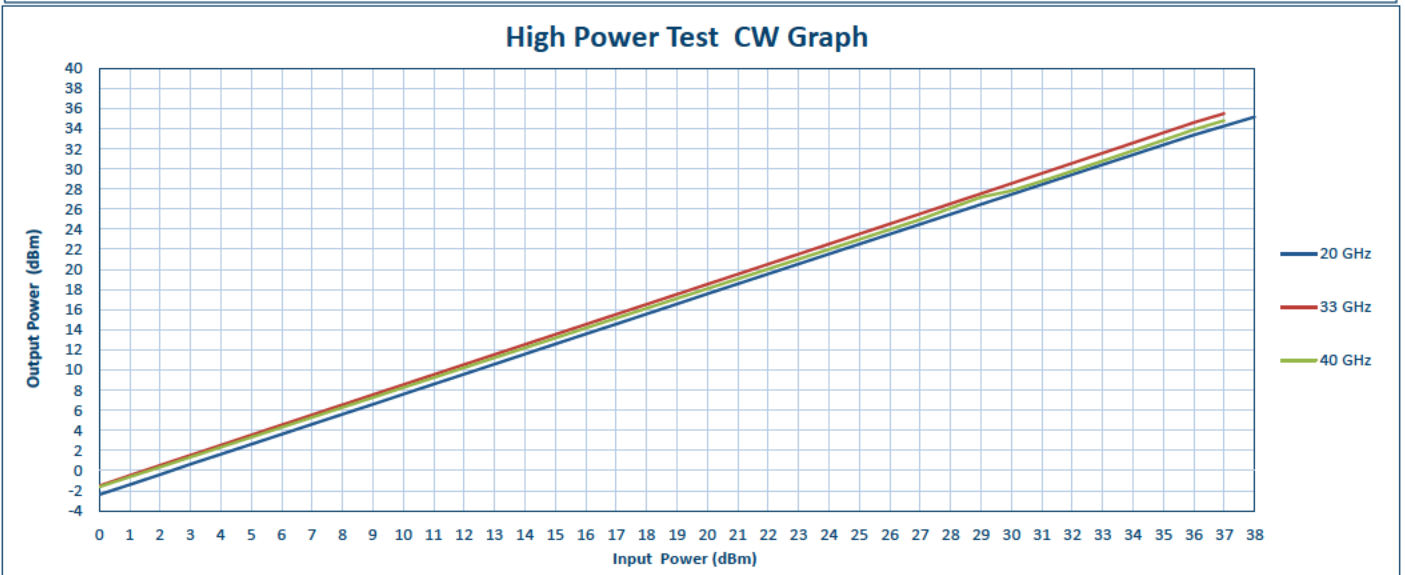
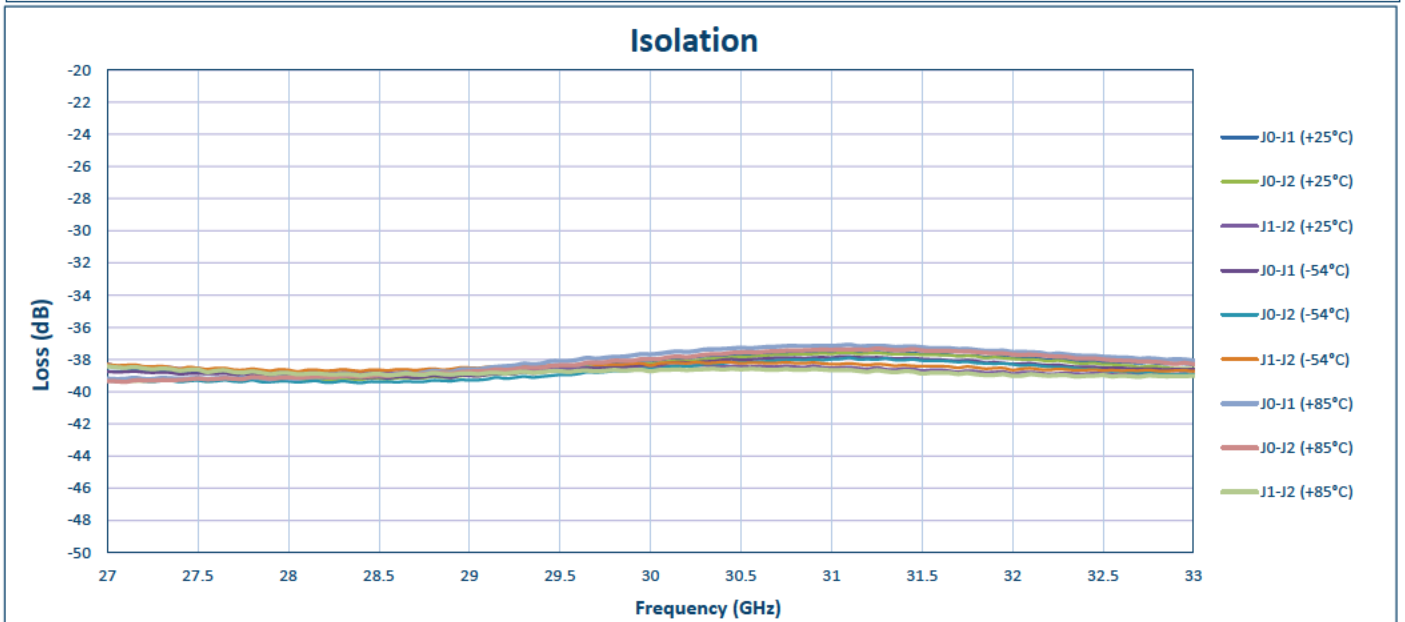
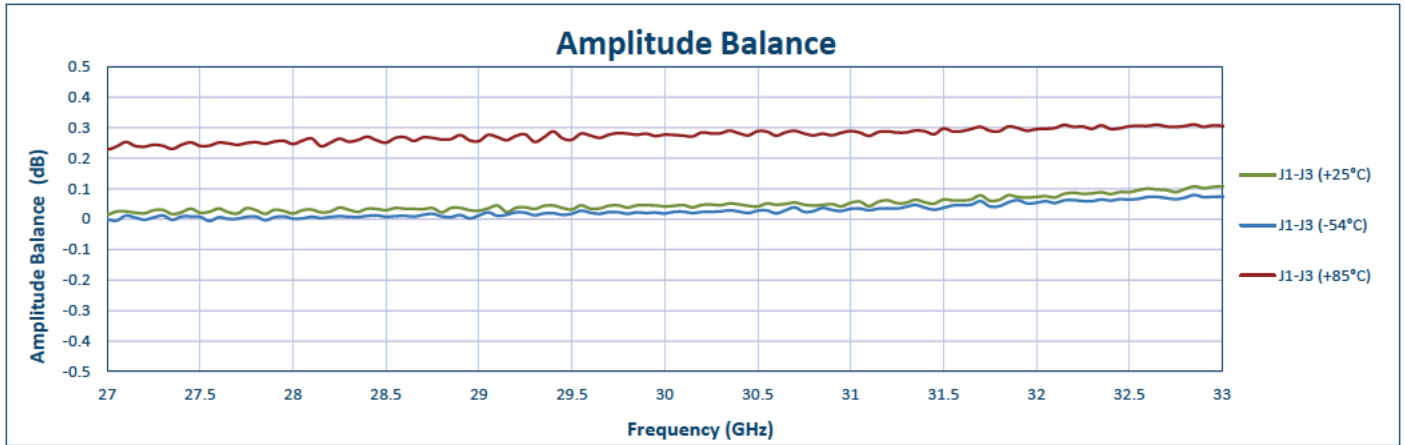
QA/QC Approval: _____

Date: _____

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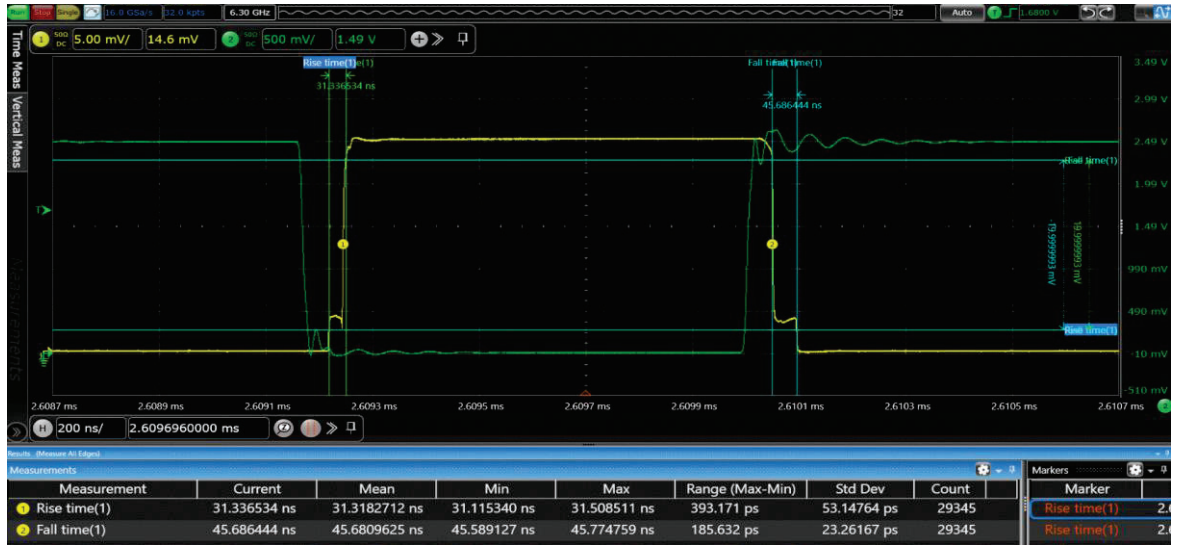
**SUMMARY TEST DATA
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Switching Speed

20 GHz

**Rise time - 31.33 ns
Fall time - 45.68 ns**

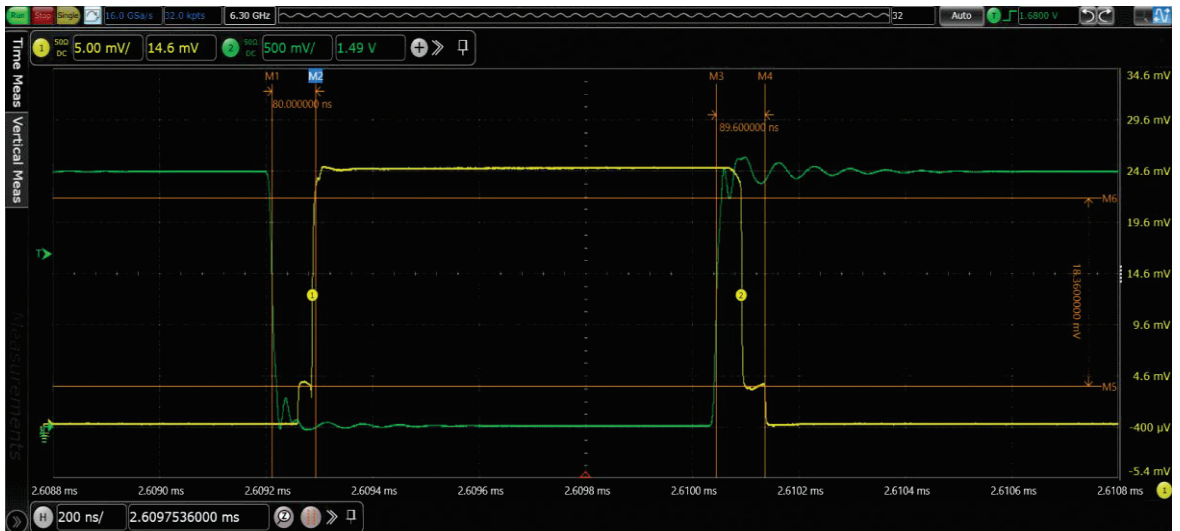
Switching Rate - 500 KHz



20 GHz

**Speed ON - 80 ns
Speed OFF - 89.6 ns**

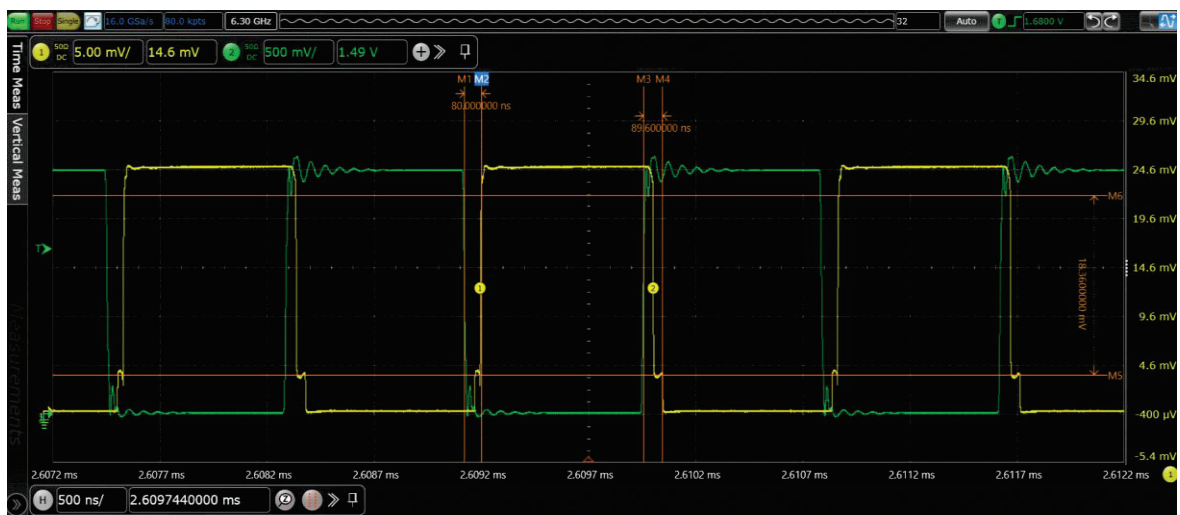
Switching Rate - 500 KHz



20 GHz

Full Pulse

Switching Rate - 500 KHz



**Green Trace - TTL Signal
Yellow Trace - RF Signal**