

**SUMMARY TEST DATA
ON
P2T-1840-40-R-20W-292FF**

Customer: BAE, NH
 SO No: 20250029-01-PE
 Model No: P2T-1840-40-R-20W-292FF
 Serial No: PL54495/2530

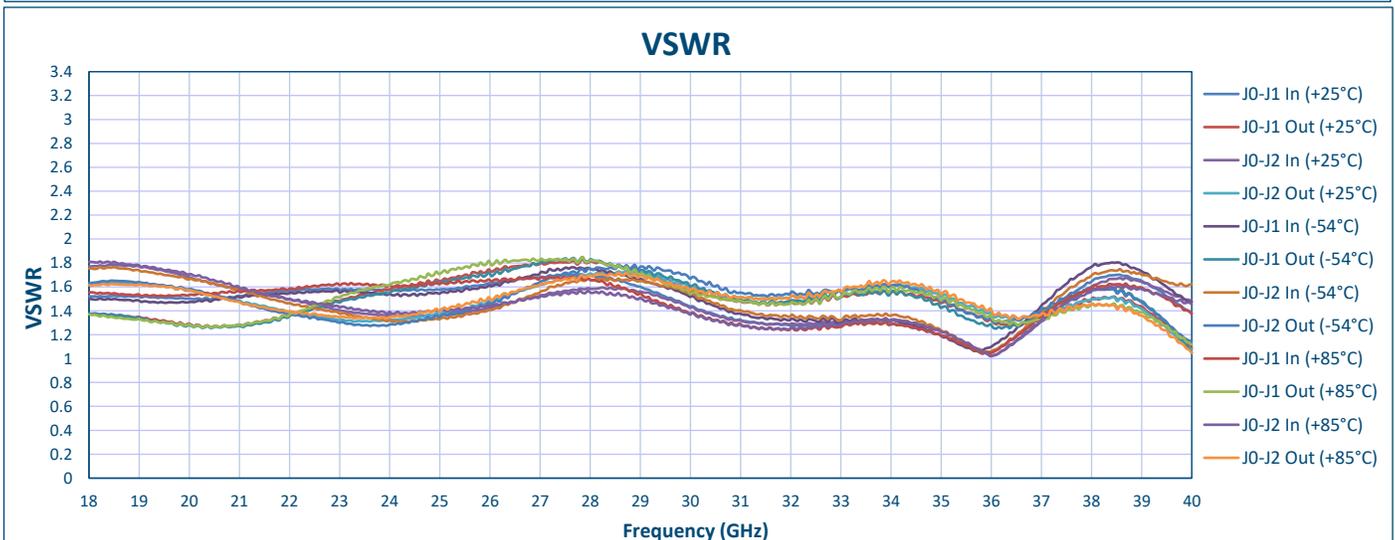
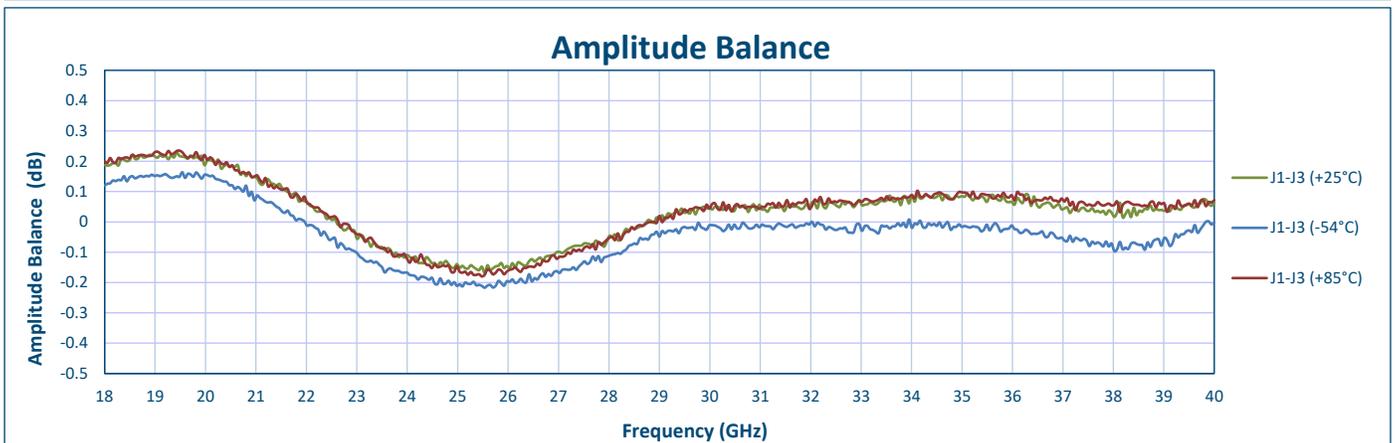
Tested By: Alfredo Lopez
 Temperature: +25°C
 Date: 7/24/2025
 Drawing No: 27650260 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS			QA QC
			+25°C	-54°C	+85°C	
1	Frequency Range:	18 to 40 GHz	18 to 40 GHz	18 to 40 GHz	18 to 40 GHz	
2	Insertion Loss:	1 dB Typ.	2.71 dB See Graph	2.51 dB See Graph	2.92 dB See Graph	
3	Isolation:	48 dB Typ.	39.43 dB See Graph	41.17 dB See Graph	36.09 dB See Graph	
4	VSWR: In/Out	1.6:1 Typ.	1.83 :1 See Graph	1.85 :1 See Graph	1.85 :1 See Graph	
5	Input Power:	+40 dBm CW Max.	Pass +43 dBm CW See Graph"	Pass +43 dBm CW See Graph"	Pass +43 dBm CW See Graph"	
6	Switching Speed:	100 ns Max.	Rise Time - 108 ns			
			Fall Time - 100 ns			
			Speed ON - 337 ns			
			Speed OFF - 354 ns			
			See Plot			
7	Logic Control:	Logic "0" = GND Logic "1" = 2.8 - 5V	Pass			
8	DC Supply:	-40 and -5 V @ 10 mA Max.	-40 VDC @100µA -5 VDC @ 100µA	-40 VDC @100µA -5 VDC @ 100µA	-40 VDC @100µA -5 VDC @ 100µA	

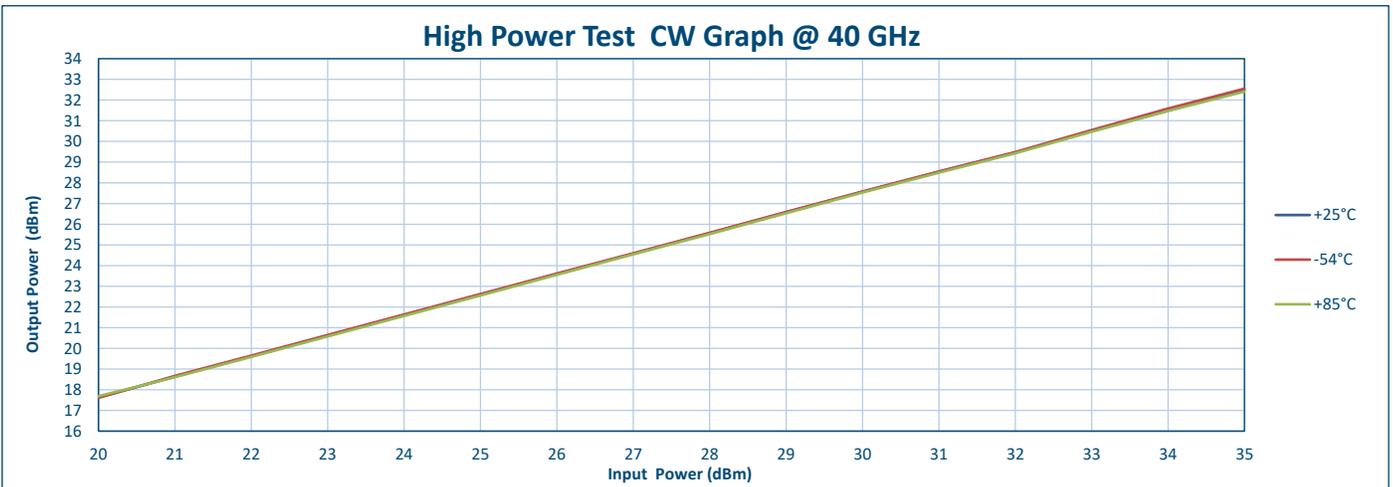
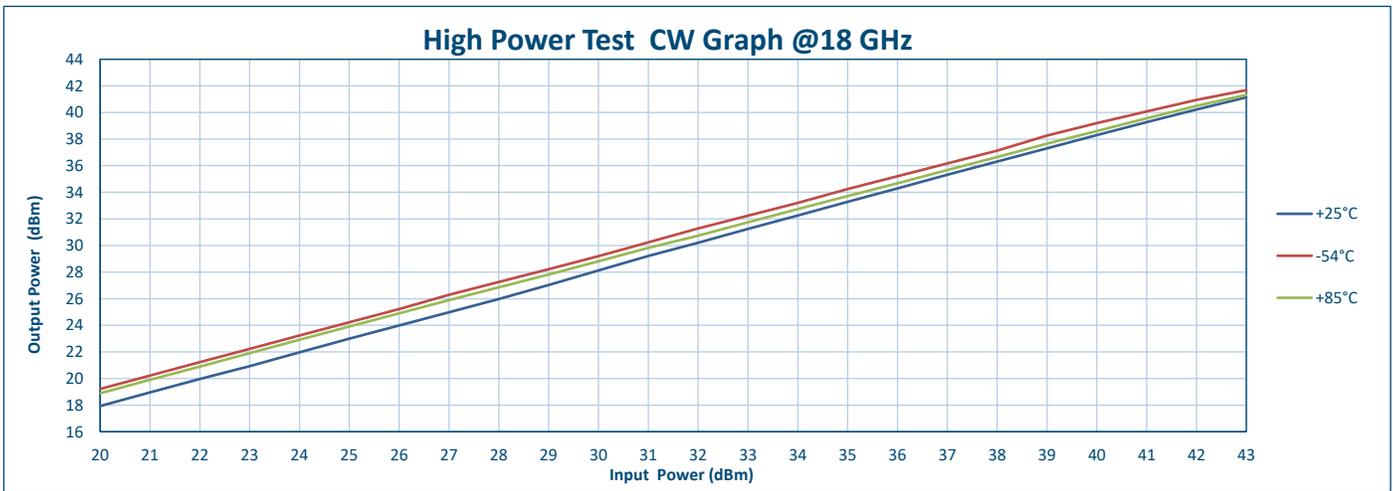
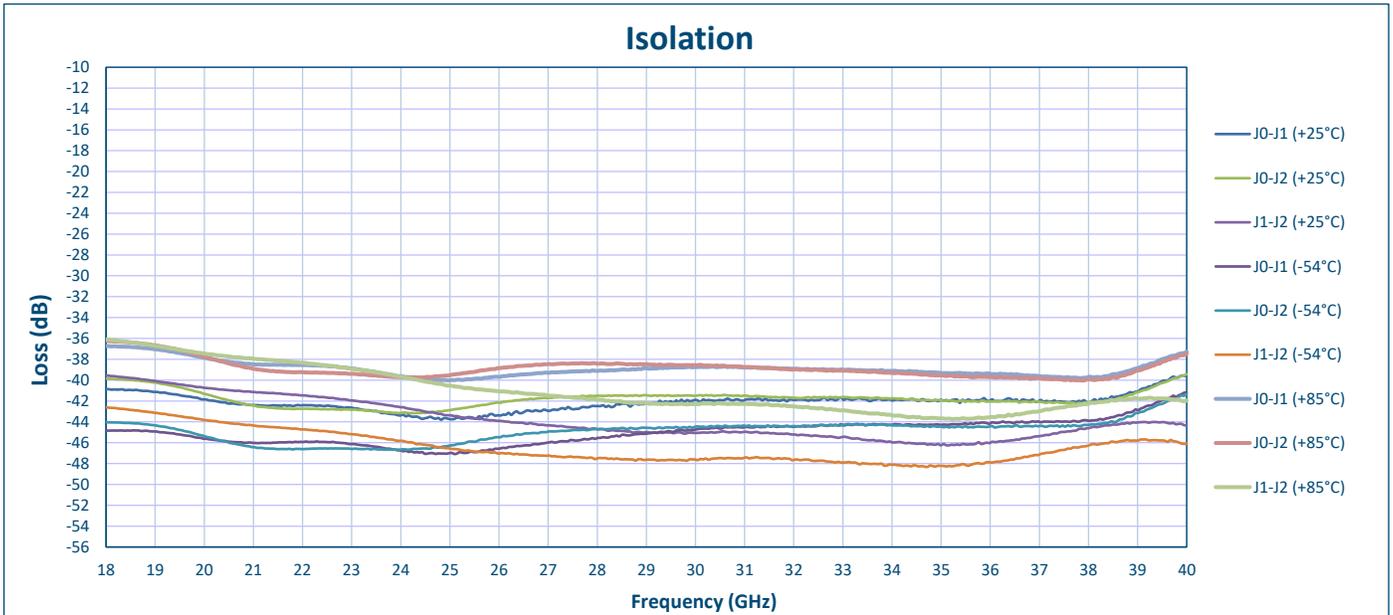
QA/QC Approval: _____

Date: _____

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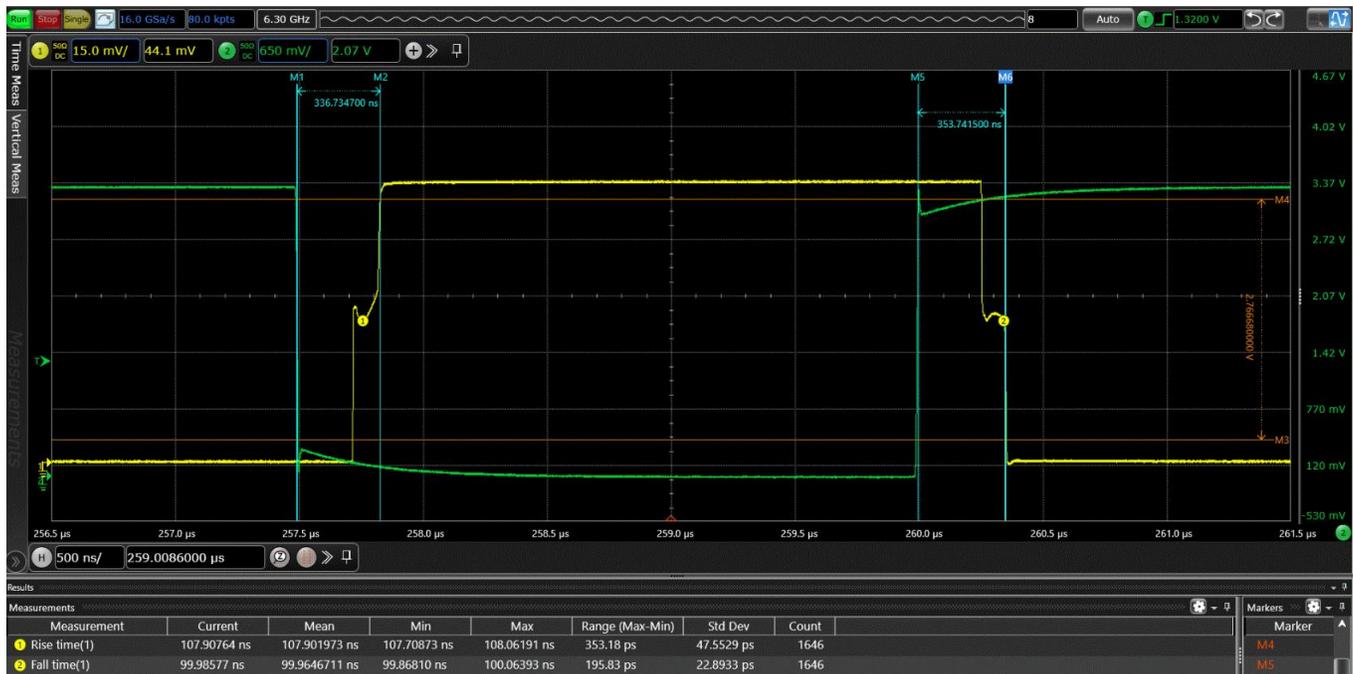


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Swiching Speed
50 ns Per Div
Rise time - 108 ns
Fall time - 100 ns
Speed ON - 337 ns
Speed OFF - 353 ns



Green Trace - TTL Signal
Yellow Trace - RF Signal