



## SUMMARY TEST ON PVA-7D8G18G-2-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PVA-7D8G18G-2-SFF  
 Serial No: PL60547/2623

Tested By: Alfredo Lopez  
 Temperature: +25°C  
 Date: 6/3/2026  
 Drawing No: 27650900 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	7.8 to 18.0 GHz	7.8 to 18.0 GHz	
2	Bite In (Output ratio to RF) @ 8.8 GHz	-13 dB ± 0.5 dB	13 dB See Graph	
3	DET 1 Out Voltage: T1 (-65 to -29 dBm) T2 (-65 to -43 dBm)	-46 dBm (12 ± 2 mV. Max.) -36 dBm (90 ± 15 mV. Max.)	-11.63 mV Max.	
			-11.85 mV Min.	
			-101.8 mV Max.	
			-105.02 mV Min. See Graphs	
4	DET 2 Out Voltage: T1 (-35 to +5 dBm) T2 (-35 to -5 dBm)	-8 dBm (12 ± 2 mV. Max.) +2 dBm (90 ± 15 mV. Max.)	-11.13 mV Max.	
			-11.43 mV Min.	
			-93.99 mV Max.	
			-98.3 mV Min. See Graphs	
5	TSS Level @ (8.8 GHz):	-65 dBm Max.	Pass See typical Characteristics	
6	Input Power:	3 Watts CW Max.	Pass See typical Characteristics	
		1 kW Peak Max (1 μs PW, 0.3% Duty Cycle)		
7	Recovery Time:	400 ns Max.	Pass See typical Characteristics	
8	Rise Time:	20 ns Max.	Pass See typical Characteristics	
9	Fall Time:	20 ns Max.	Pass See typical Characteristics	
10	VSWR RF In & Bite In:	2.5:1 Max.	2.26:1 (RF in)	
			2.35:1 (BITE in)	
			See Graphs	
11	DET 1 Out Flatness:	± 2.0 dB	±0.1 dB See Graph	
12	DET 2 Out Flatness:	± 1.5 dB	±0.14 dB See Graph	
13	Power Supply	+6 VDC ±0.5V 700 mA Max.	+6 VDC ±0.5V 190 mA	

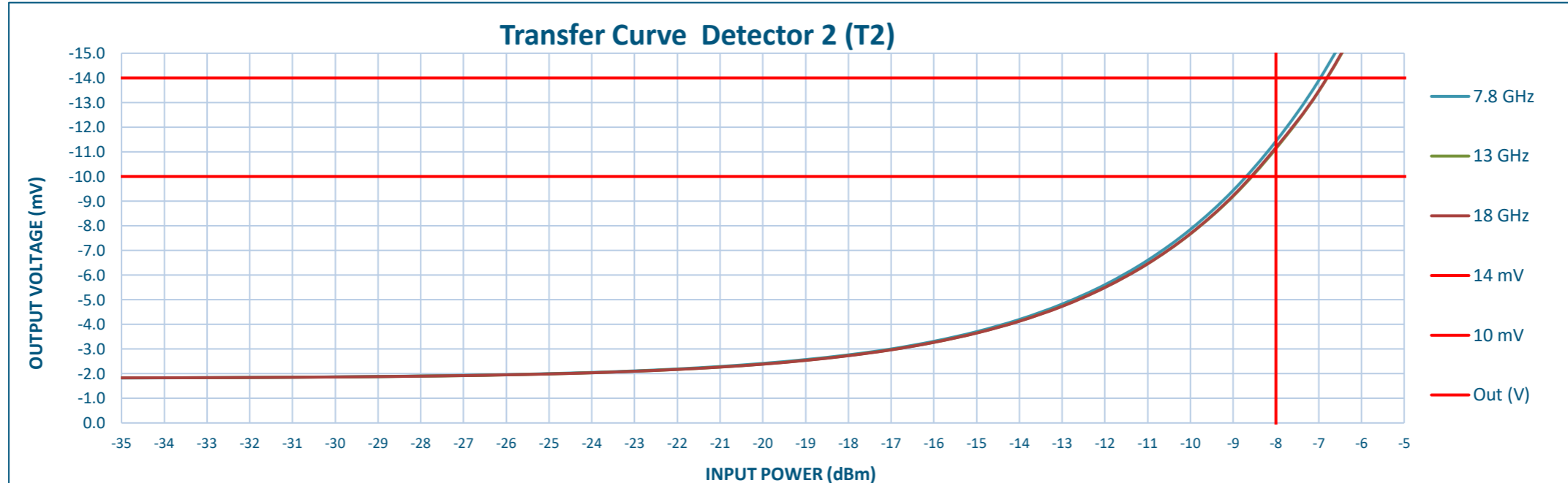
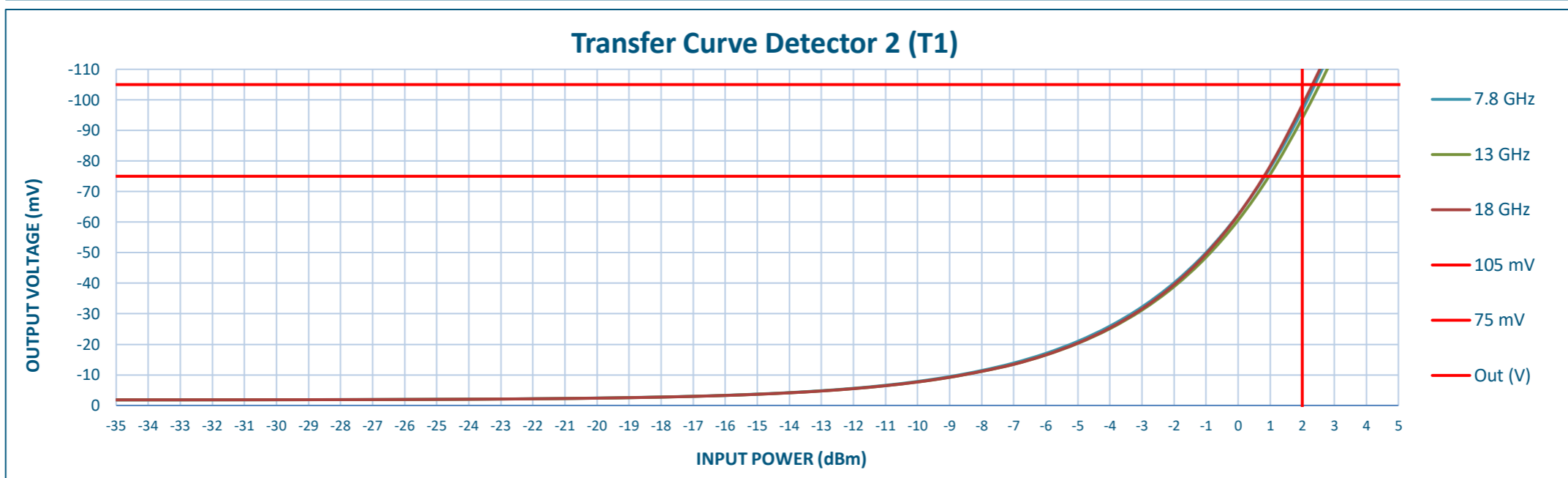
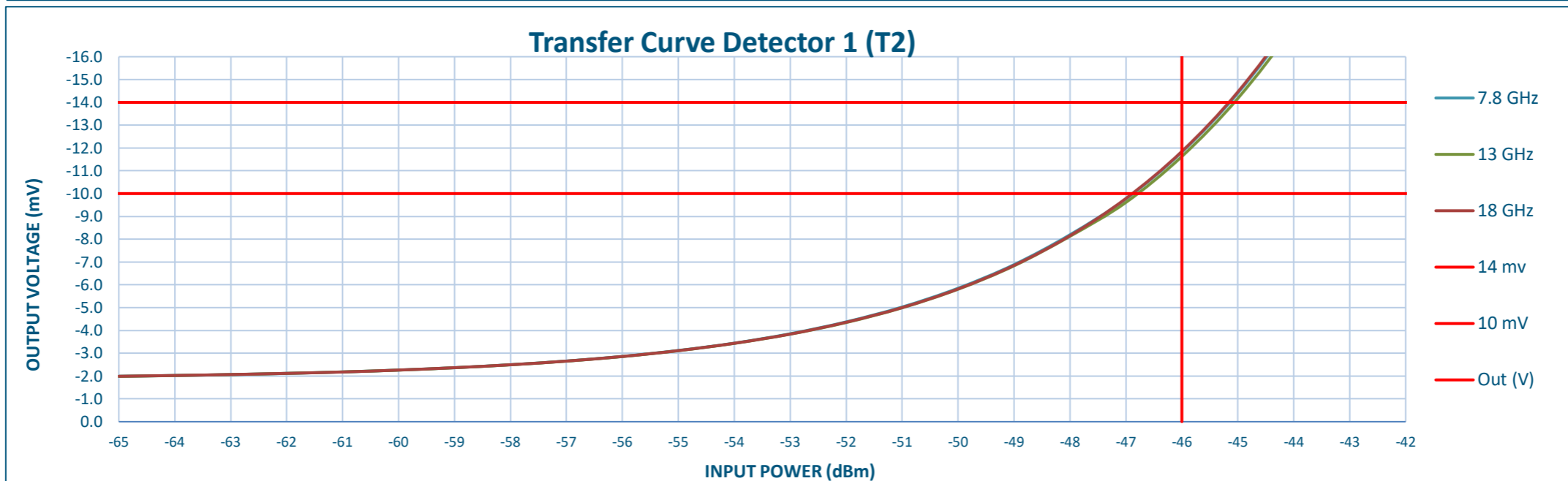
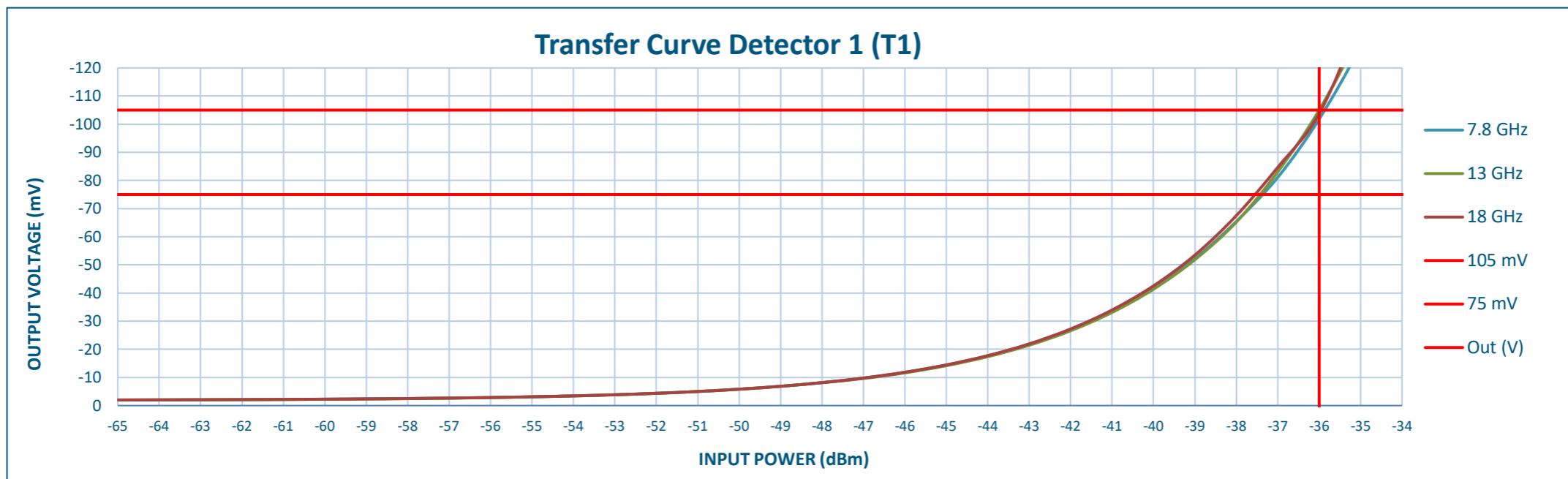
QA/QC Approval: \_\_\_\_\_

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

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