



**SUMMARY TEST  
ON  
DD-10M12D4G-RAD-MF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: DD-10M12D4G-RAD-MF  
 Serial No: Demo - PMI

Tested By: Alfredo Lopez  
 Temperature: +25°C  
 Date: 6/10/2026  
 Drawing No: \_\_\_\_\_ Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Operating Frequency:	10 MHz to 12.4 GHz	10 MHz to 12.4 GHz	
2	Input VSWR:	1.4:1 Typ. 1.6:1 Max.	1.53 :1 See Graph	
3	Video Output Polarity:	NEGATIVE	NEGATIVE	
4	Flatness: (Square Law Region)	±0.25 dB Typ. ±0.3 dB Max.	±0.3 dB See Graph	
5	Voltage Sensitivity:	500 mV/mW Min.	614.8 mV/mW See Graph	
6	Maximum Input Power:	+20 dBm Max.	Pass +20 dBm See Graphs	
7	Dynamic Range:	-30 to +20 dBm	Pass See Graphs	

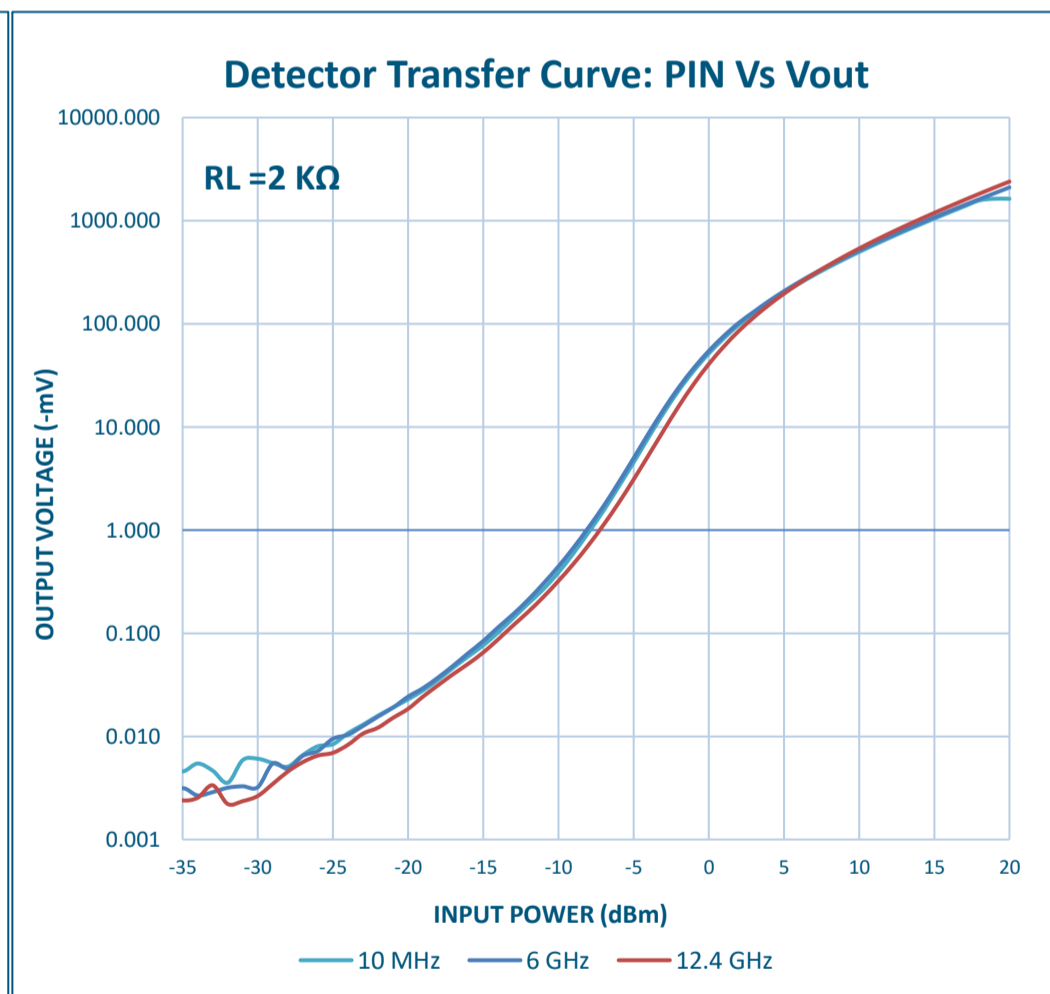
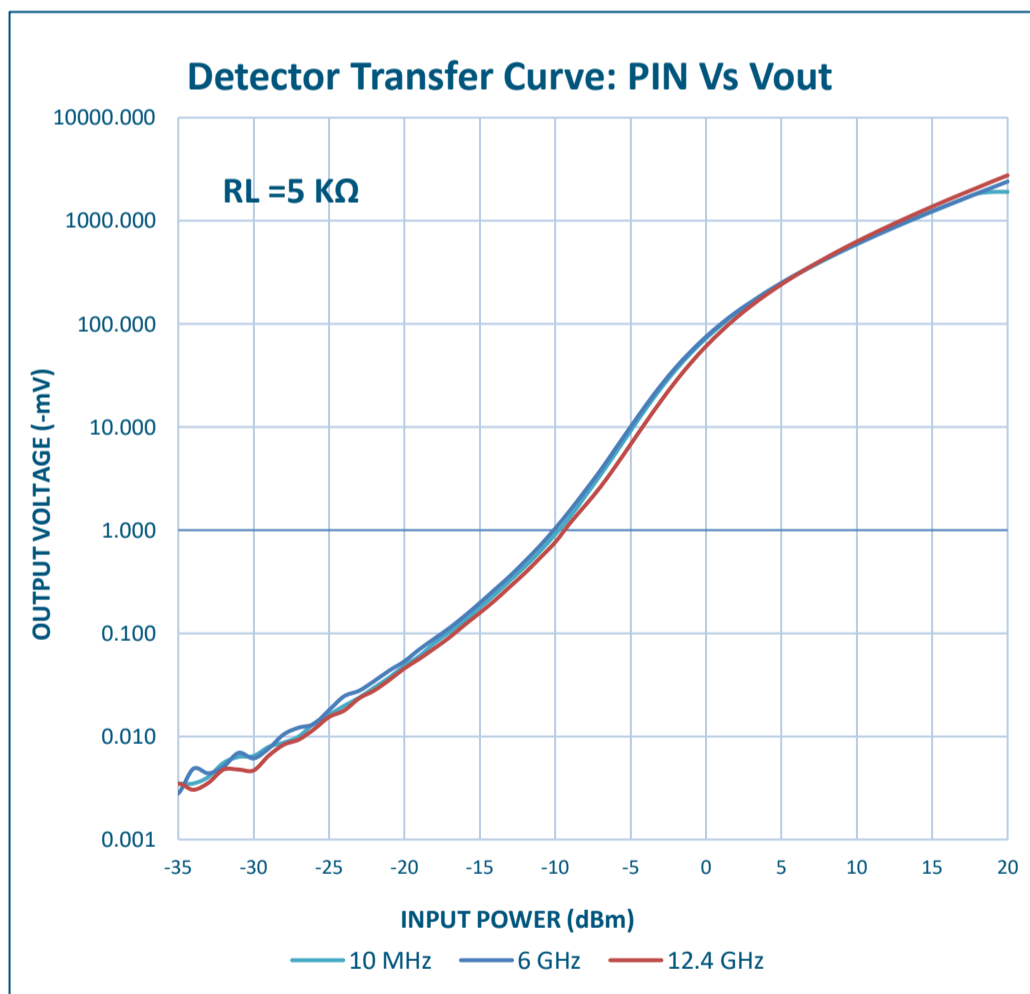
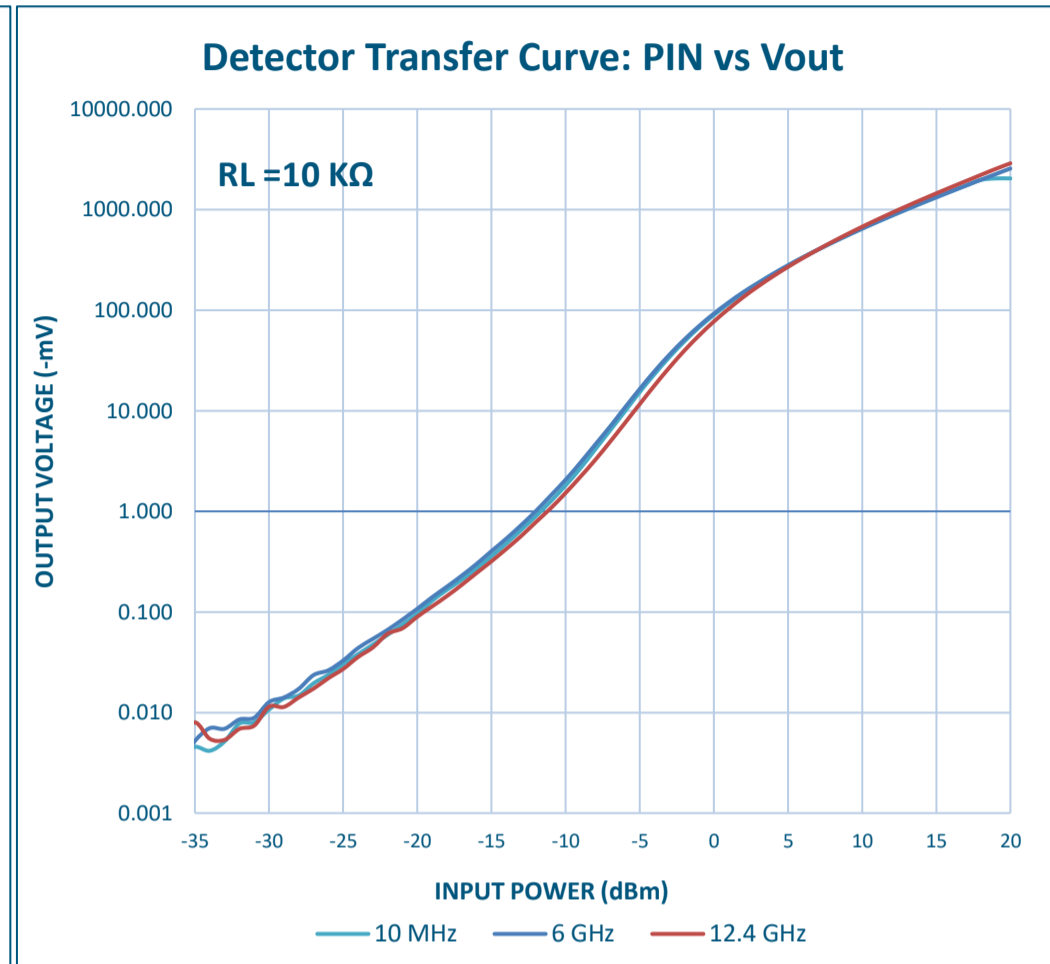
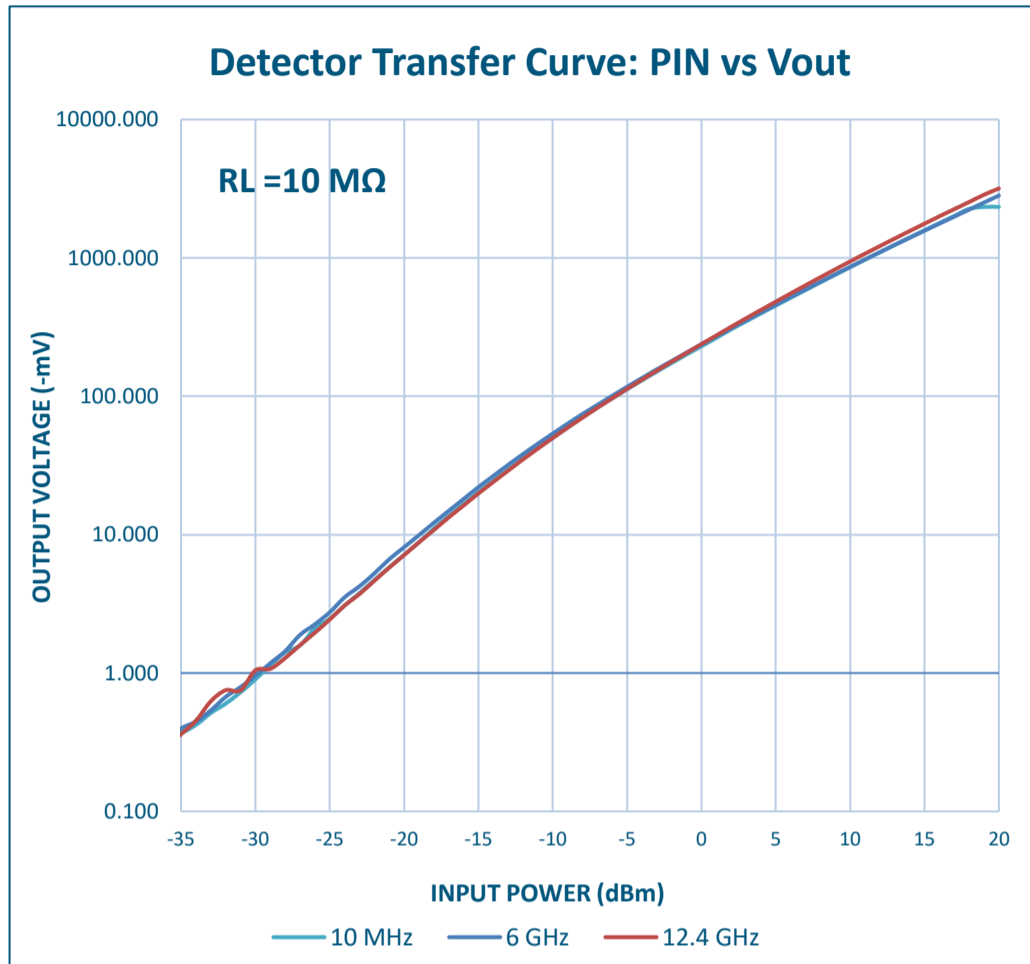
QA/QC Approval: \_\_\_\_\_

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

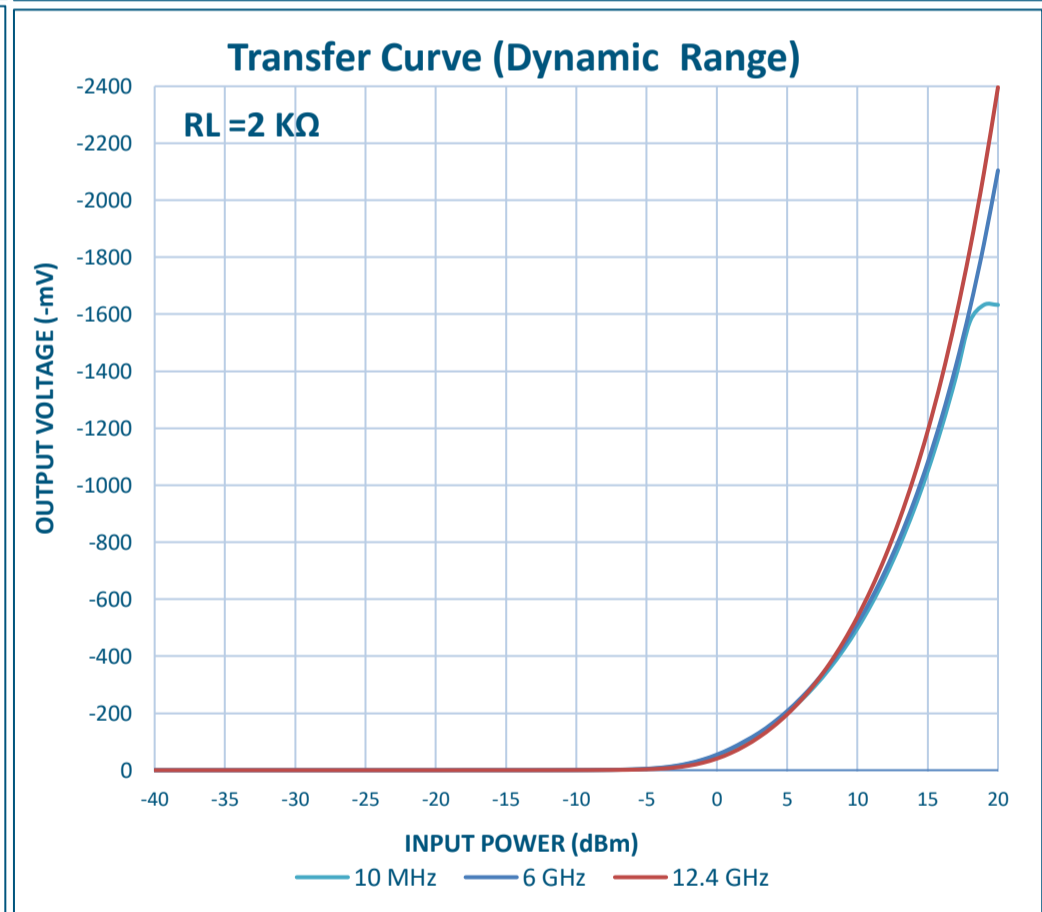
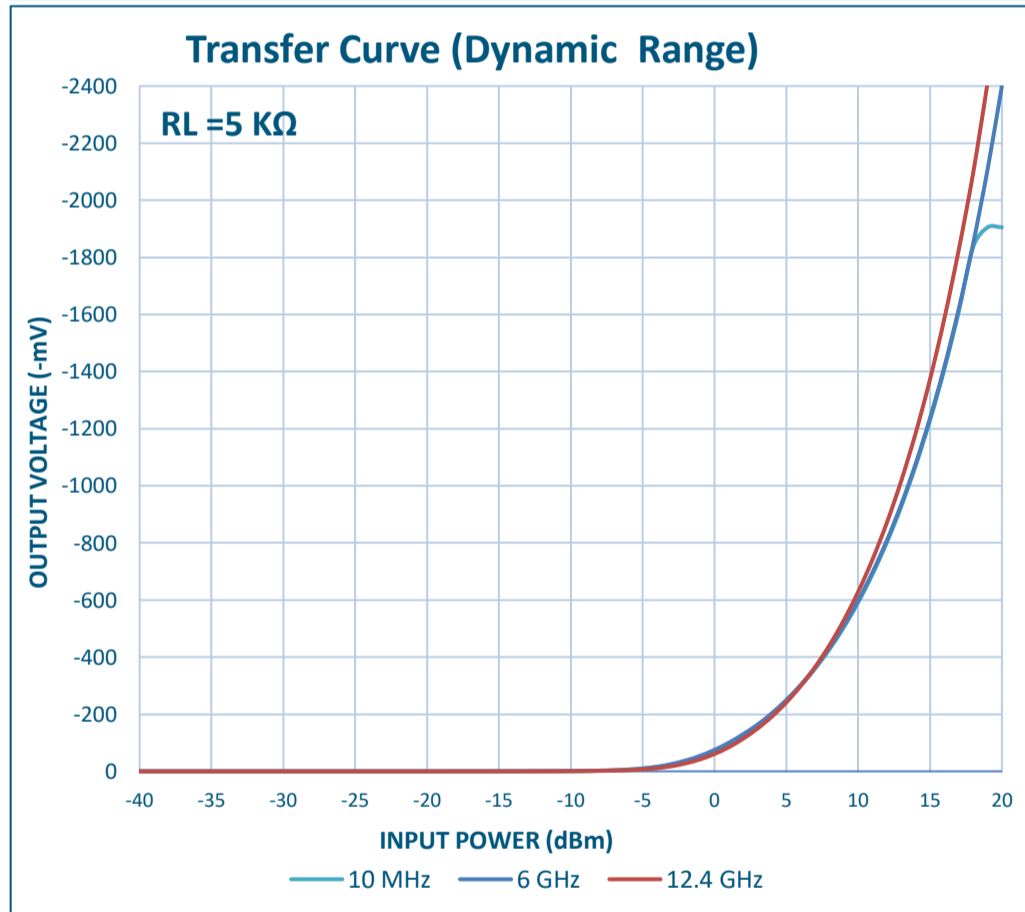
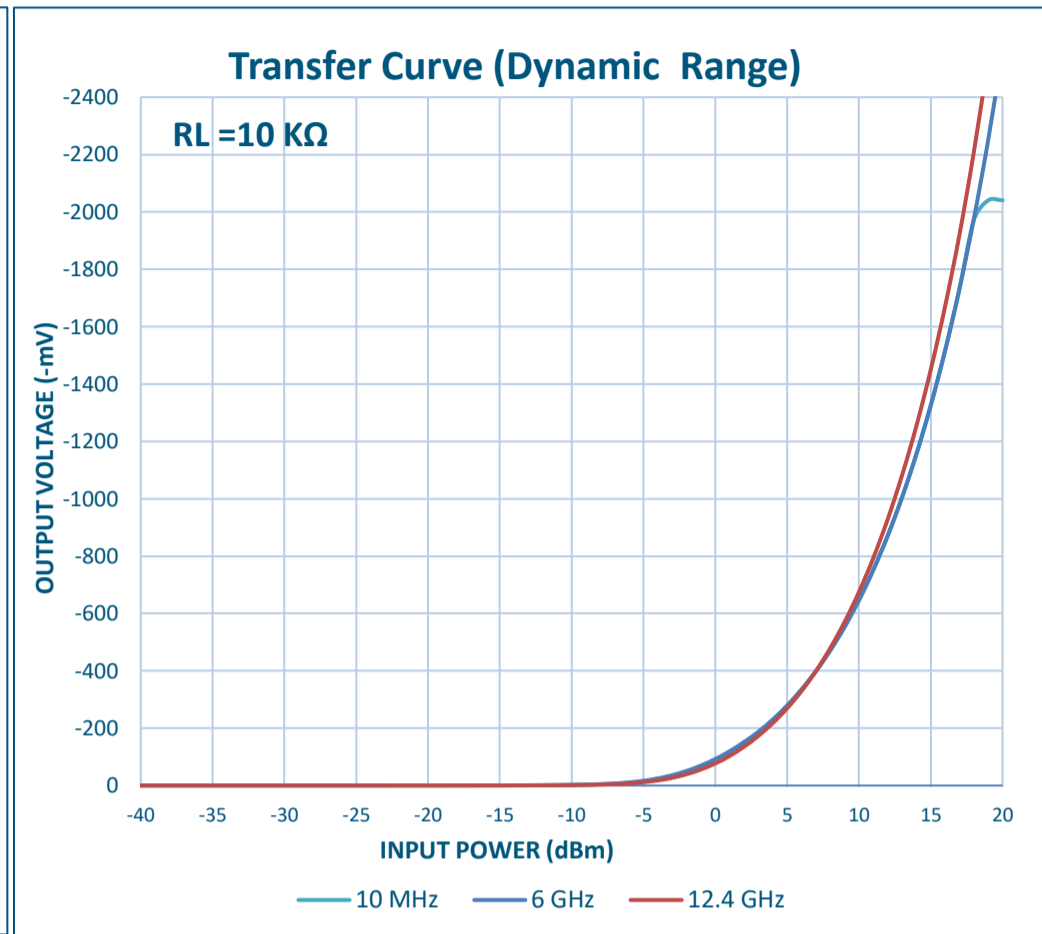
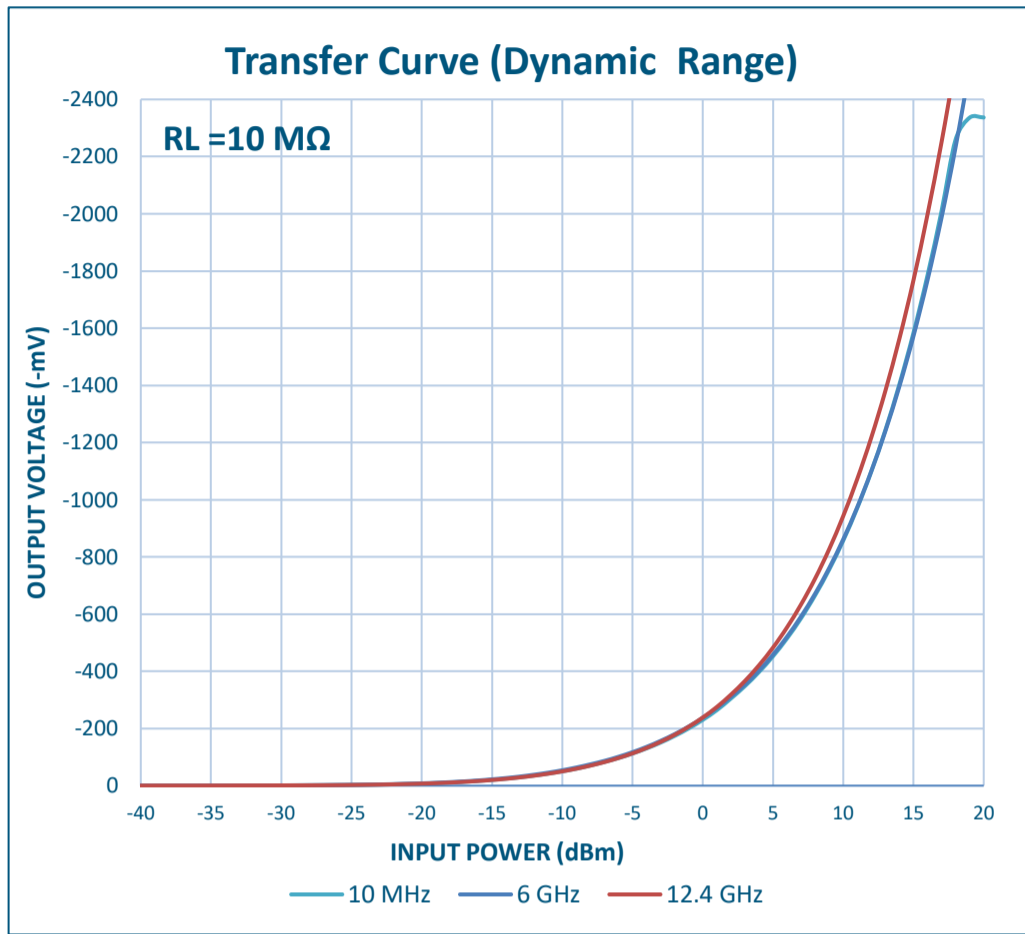
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
 Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



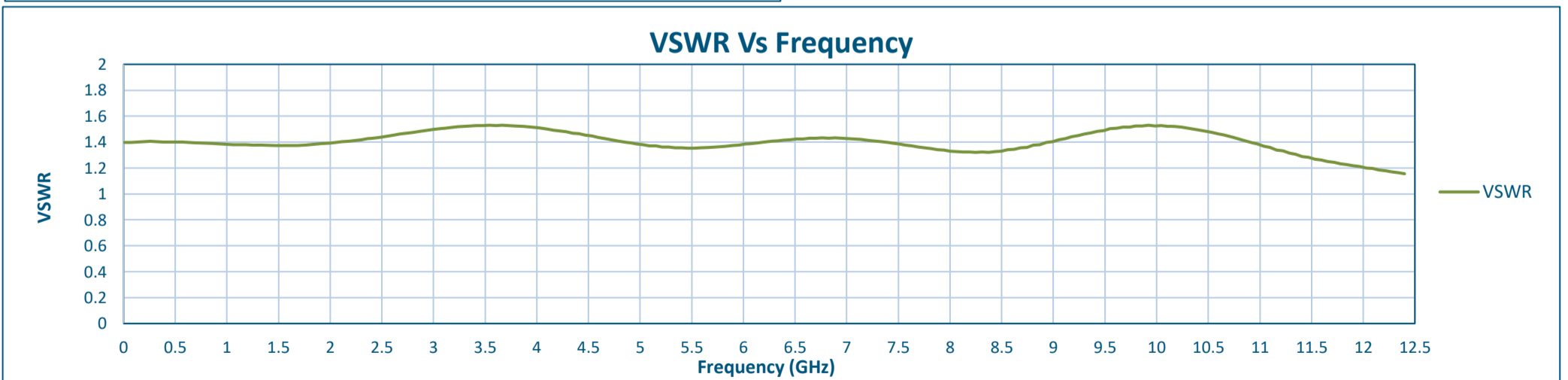
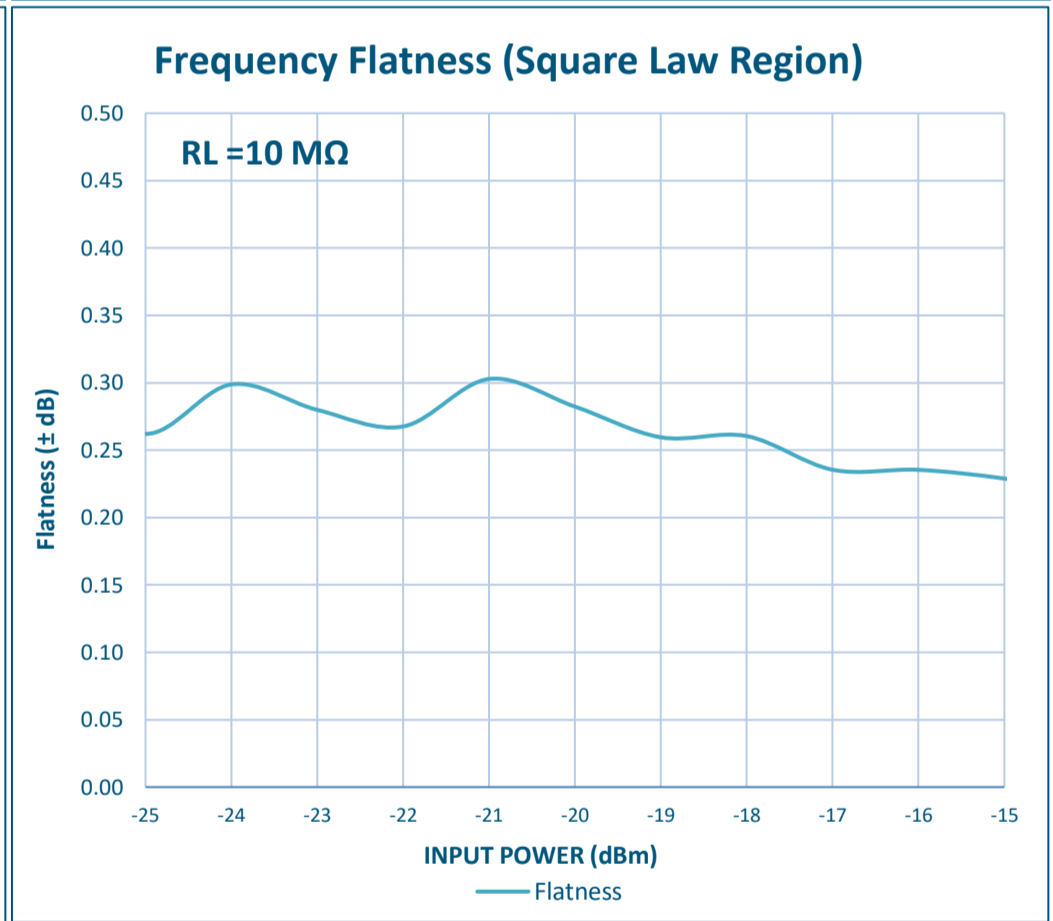
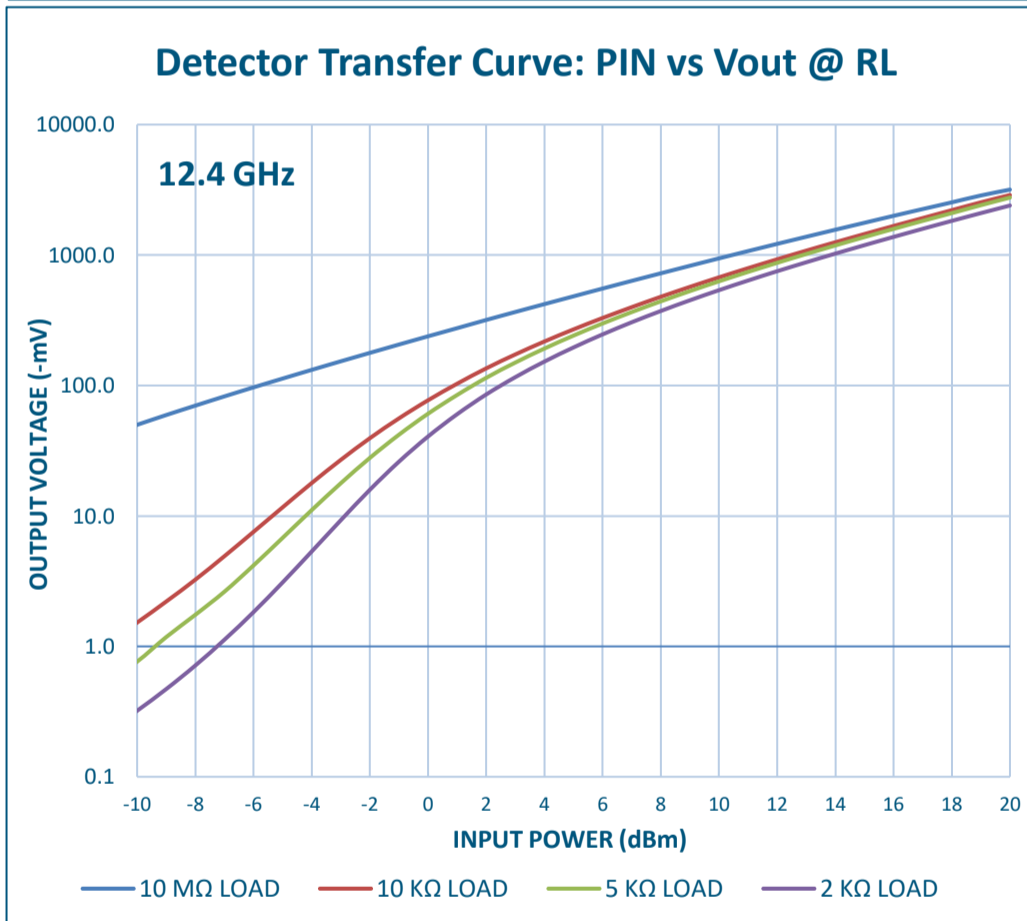
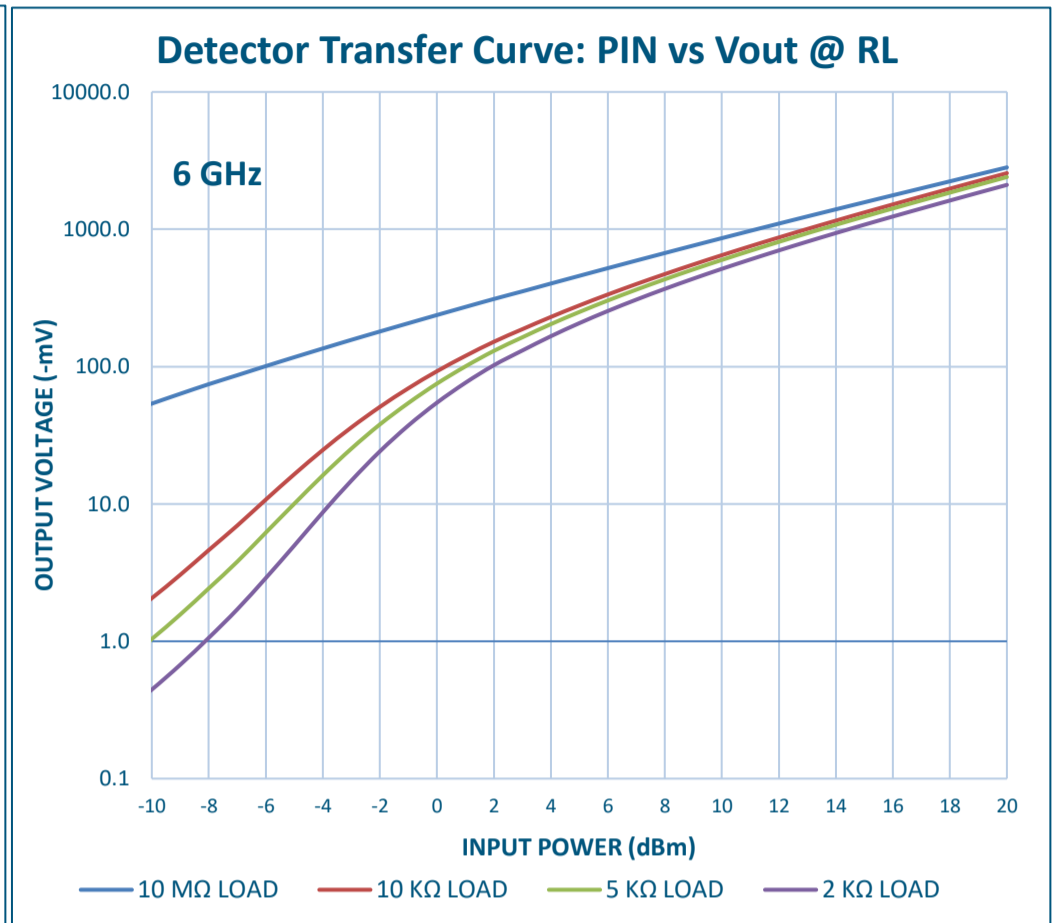
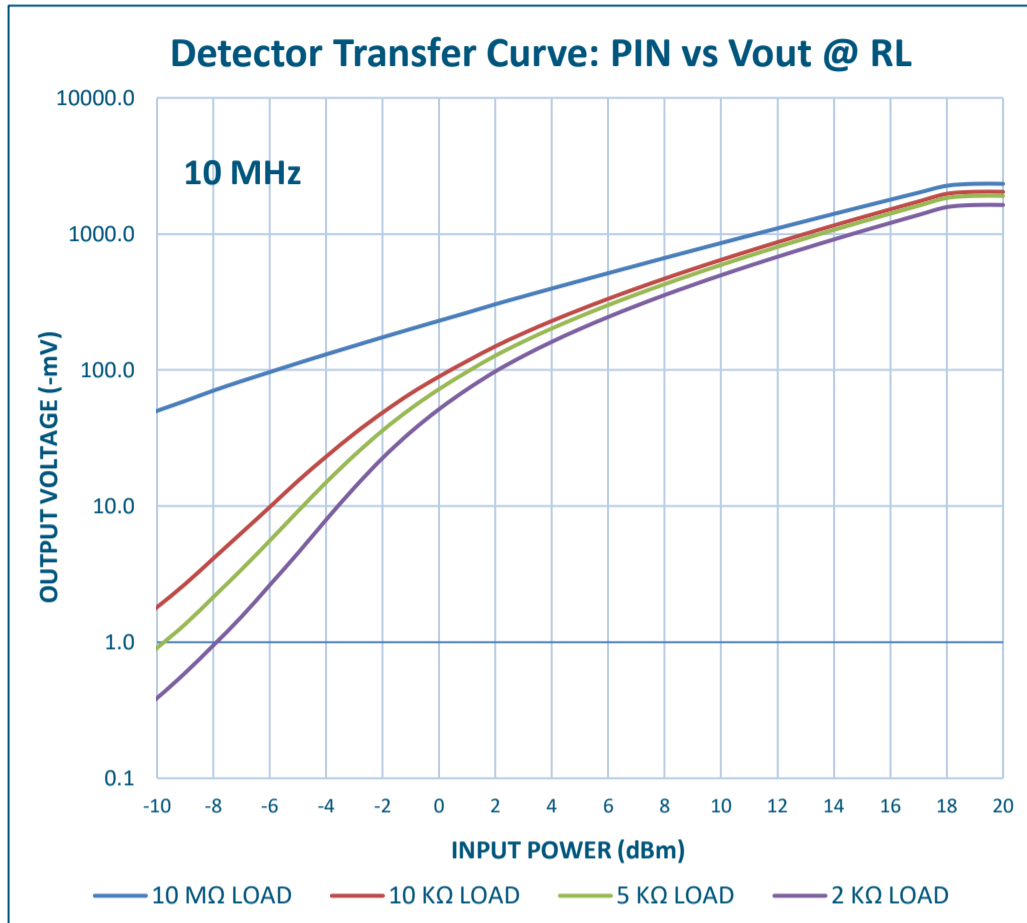
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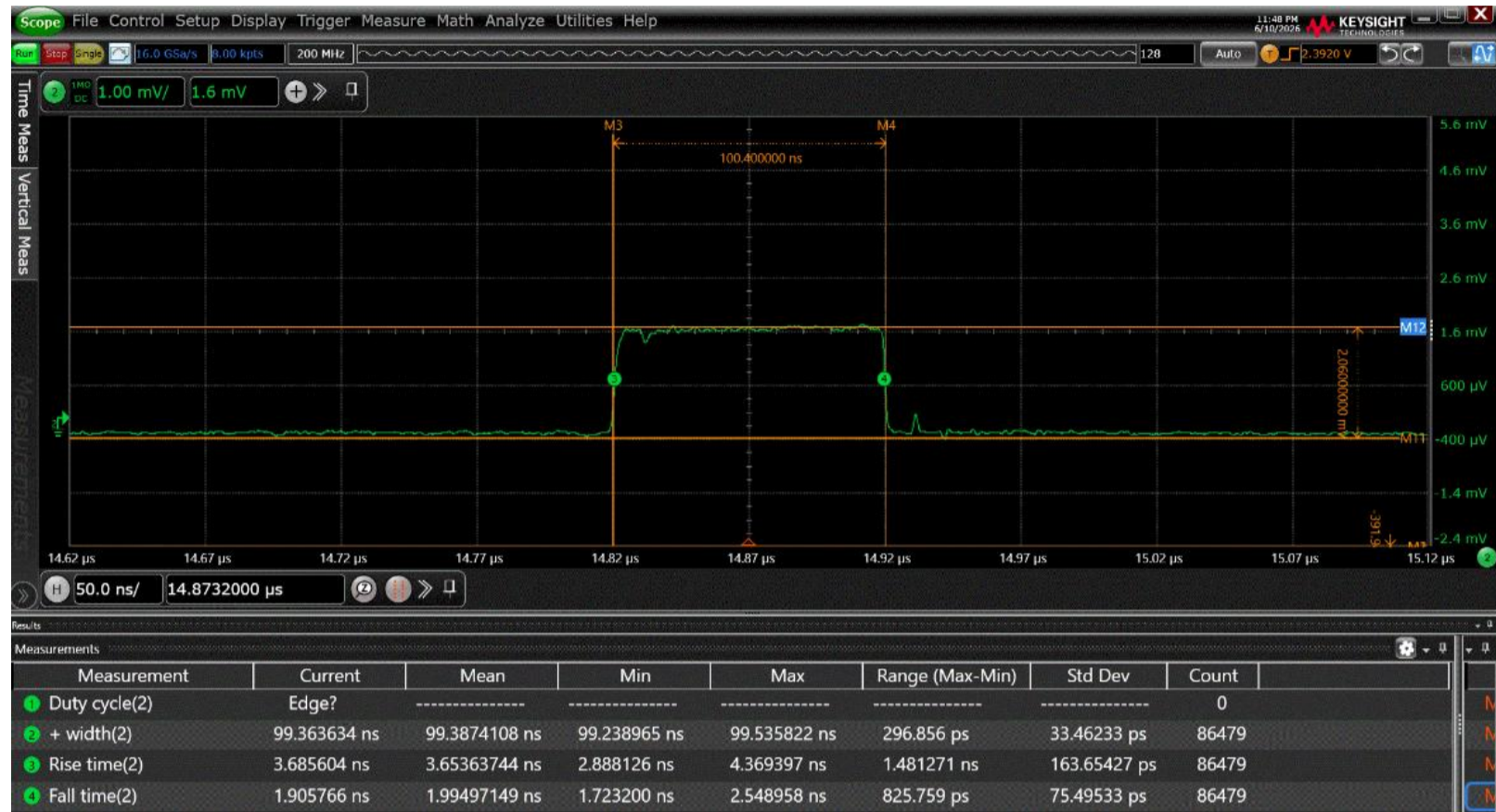


## SUMMARY TEST ON DD-10M12D4G-RAD-MF

### Rise & Fall Time

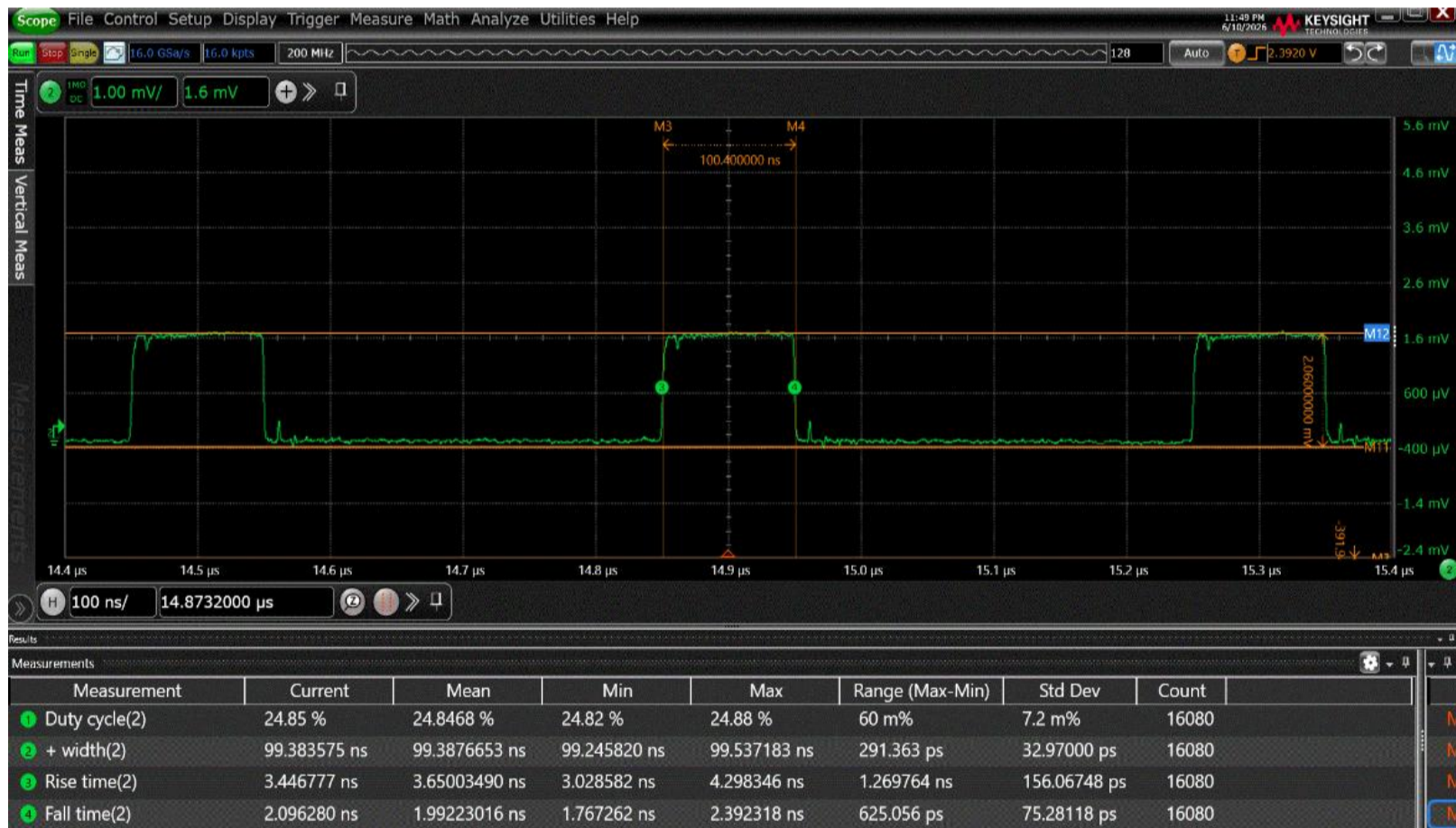
Input Power 0dBm  
100 ns PW, 25% Duty Cycle

*Rise time - 3.69 ns*  
*Fall Time - 1.90 ns*



### Full Pulse

Input Power 0dBm  
100 ns PW, 25% Duty Cycle



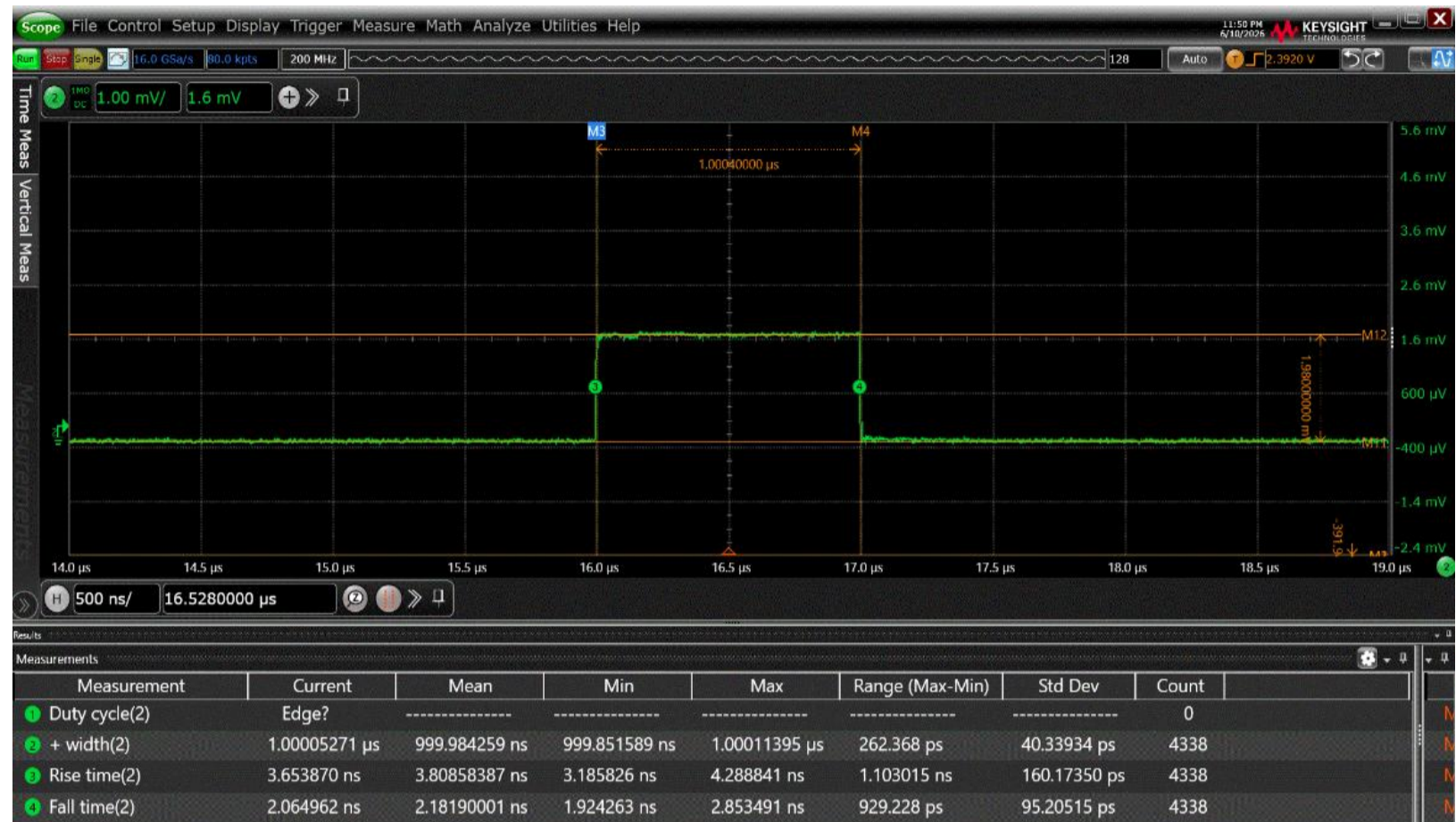


## SUMMARY TEST ON DD-10M12D4G-RAD-MF

### Rise & Fall Time

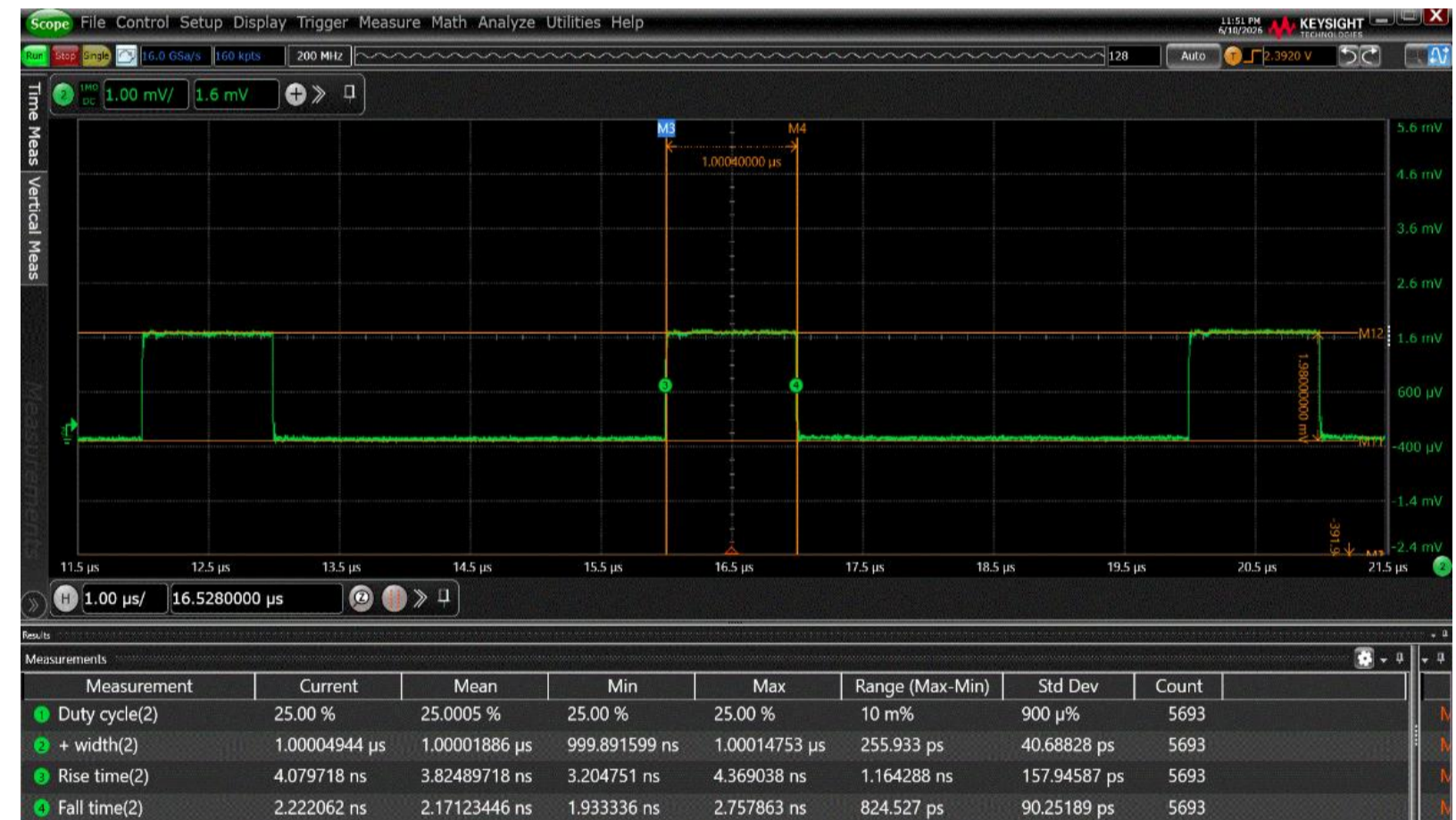
Input Power 0dBm  
1  $\mu$ s PW, 25% Duty Cycle

Rise time - 3.65 ns  
Fall Time - 2.1 ns



### Full Pulse

Input Power 0dBm  
1  $\mu$ s PW, 25% Duty Cycle



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