

SUMMARY TEST DATA
ON
ERDLVA-218-73-50MV-TK-1

Customer: _____
SO No: _____
Model No: ERDLVA-218-73-50MV-TK-1
Serial No: PL60606/2624

Tested By: Daniel W.
Temperature: 25C
Date 6/12/2026
Drawing No: 27653460 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 to 18 GHz	2 to 18 GHz	PMI QA3
2	Frequency Flatness:	±2.0 dB Max.	±1.85 Max.	
3	Input VSWR:	2.5:1 Max.	1.6:1	
4	Max Input Level:	+20 dBm CW	Pass	
5	Pulse Response:	Pulse (50ns - 100µs)	Pass	
6	TSS:	-72 dBm Max.	-70 dBm	
7	Log Dynamic Range:	-68 dBm To 5 dBm	Pass	
8	Log Slope:	50 mV/dB ±5 mV/dB Into 100Ω Load	50 mV/dB	
9	Log Linearity:	±1.5 dB Max.	±1.3 dB	
10	Rise Time:	25ns Max.	24.2 ns	
11	Recovery Time:	400 ns Max.	201 ns	
12	DC Offset:	+100 mV ±75 mV	46 mV	
13	Power Supply:	+12 VDC @ 330 mA Max. -12 VDC @ 100 mA Max.	+12 VDC @ 224 mA -12 VDC @ 69 mA	
14	Baseline Shift:	100 mV Max.	N/A	

QA/QC Approval:

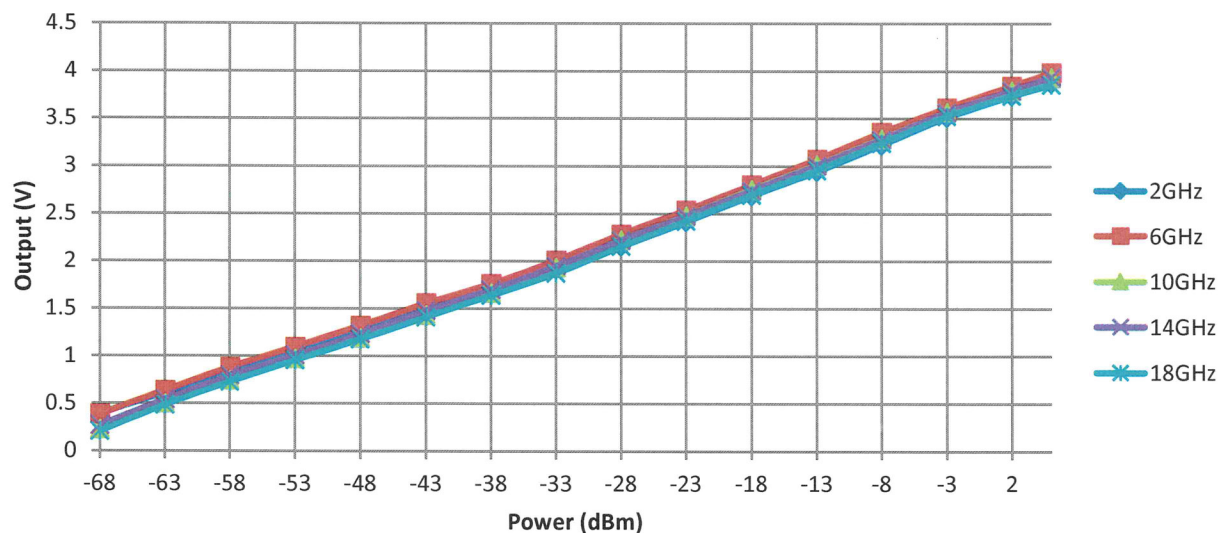
K. Klumpp

Date: 6-15-26

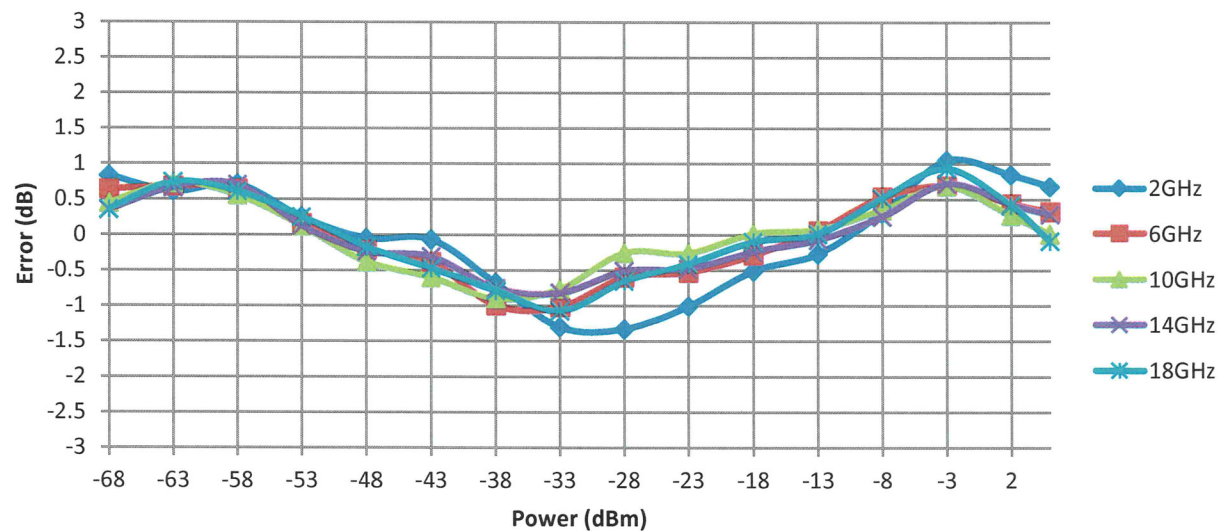
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Power vs Output



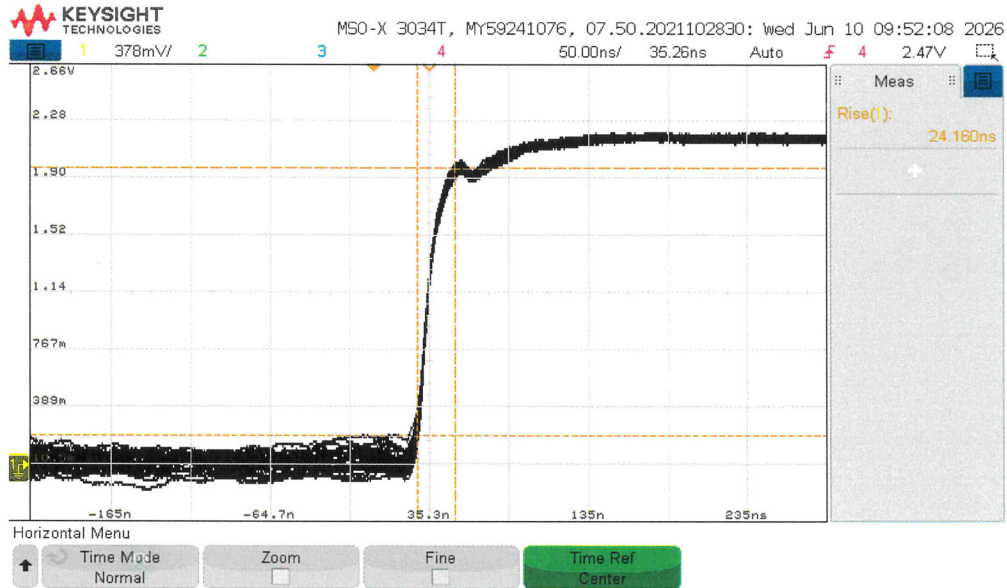
Linearity Error



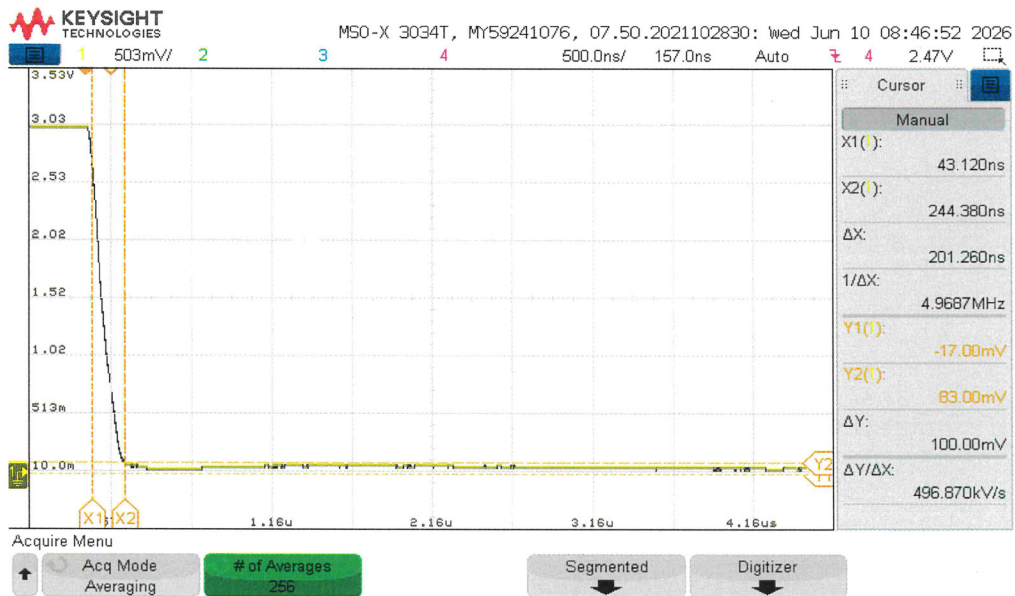
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Rise Time



Recovery Time

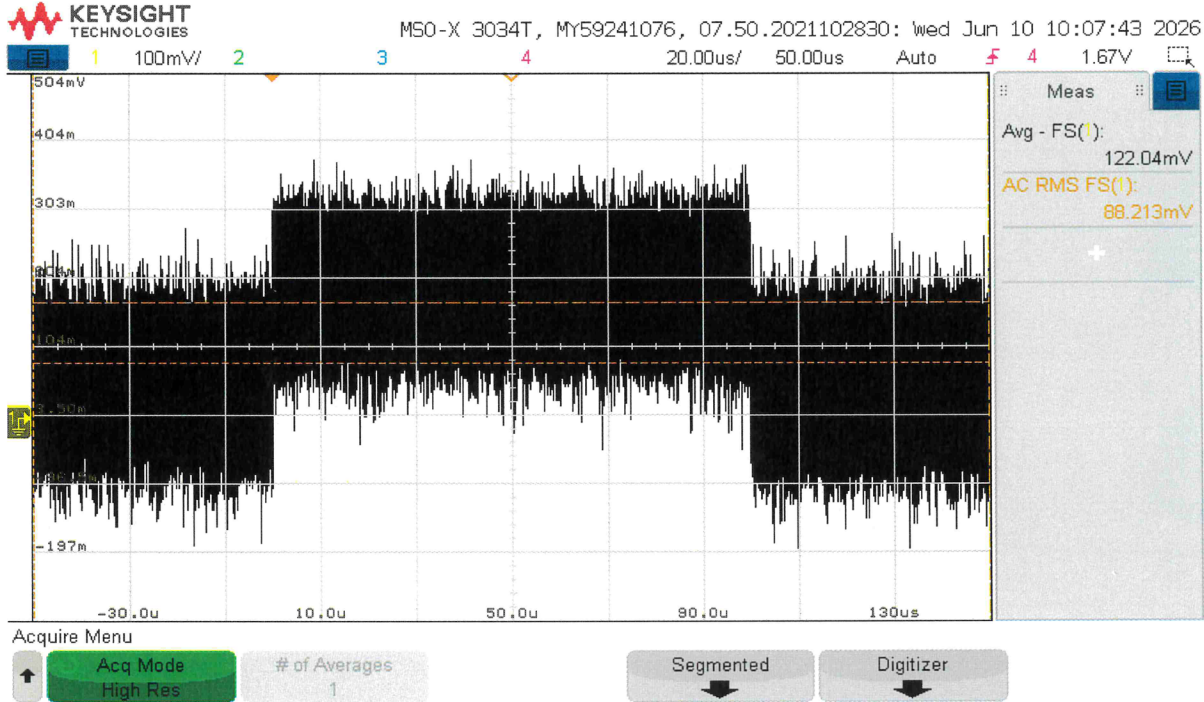


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TSS



VSWR

