



**SUMMARY TEST DATA
ON
SDLVA-218-65-16MV-12DBM-OPTJE**

Customer:		Tested By: <u>Jim Hopson</u>	
SO No:		Temperature: <u>+25°C</u>	
Model No:	<u>SDLVA-218-65-16MV-12DBM-OPTJE</u>	Date: <u>05/19/2020</u>	
Serial No:	<u>PL28596/2021</u>	Drawing No: <u>27636260</u>	Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz to 18 GHz	2 GHz to 18 GHz	93 5/20
2	TSS	-64 dBm max	-65 dBm	
3	Input Power Handling	+20 dBm	+20 dBm	
4	Video Log Range	-55 dBm to +10 dBm	Pass	
5	Video Log Linearity	+2.2 dB	+1.96 dB -1.93 dB	
6	Video Log Slope	16.0 ±2.0 mV/dB nom	16.3/15.6 mV/dB	
7	Video Freq Flatness	±4 dB max	+/- 2.8 dB	
8	Pulse Width Range	25 nsec to CW	Pass	↓
9	Video Rise Time	10 nsec max	3.28 nsec	93 5/20

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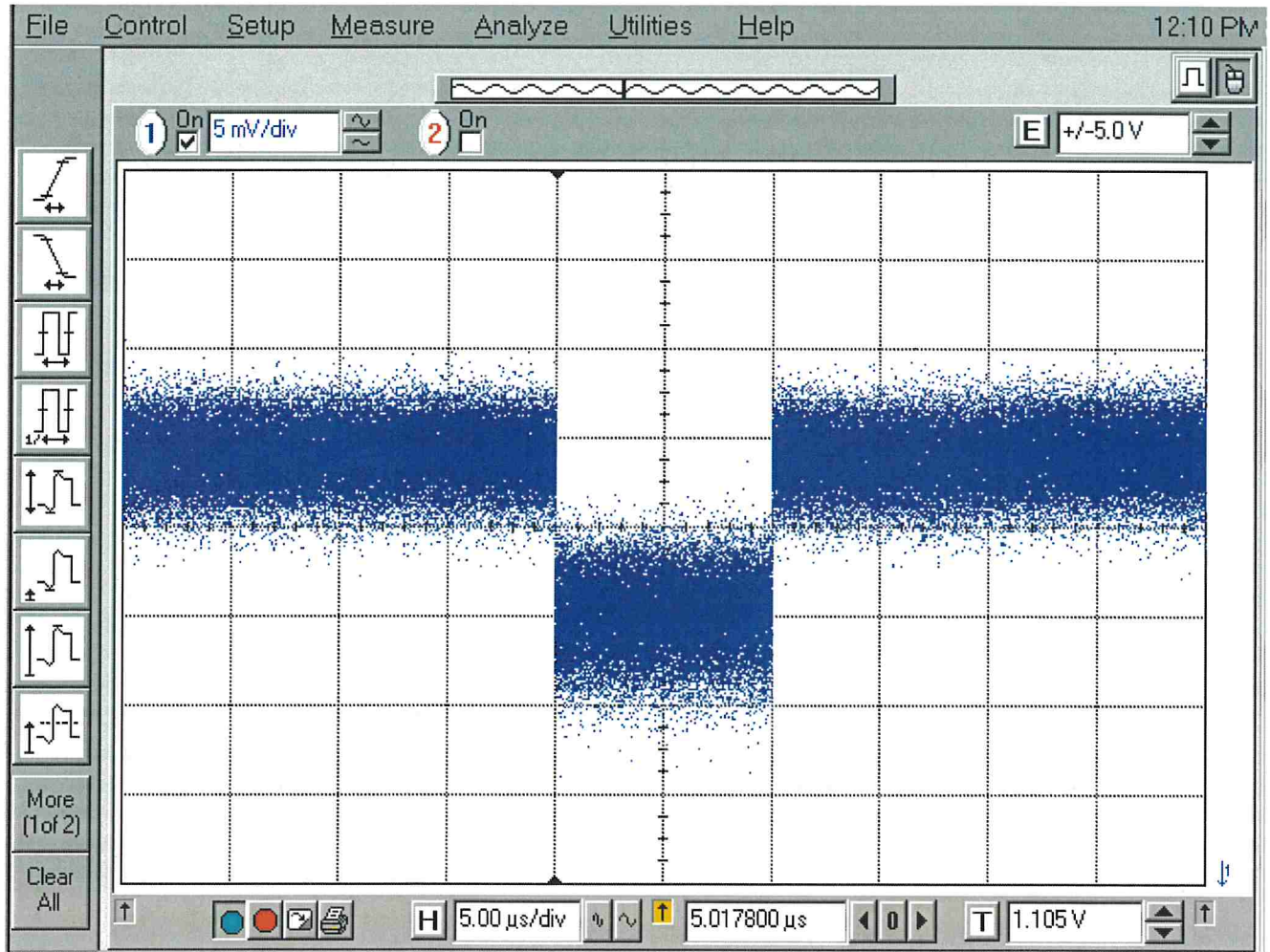
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
10	Video Fall Time	15 nsec max	4.76 nsec	03 5/20
11	Recovery Time	30 nsec max	15.0 nsec	↓
12	Delay	<2 nsec	1.739 nsec	
13	Video Output Impedance	50Ω	Pass	
14	RF In/Out Impedance	50Ω	Pass	
15	Input VSWR (50Ω)	2.0:1 max	1.96:1	
16	DC Supply	+12 V @ 850 mA -12 V @ 250 mA	550A 30mA	03 5/20

QA/QC Approval: Arthur Zimmerman Date: 5/20/2020



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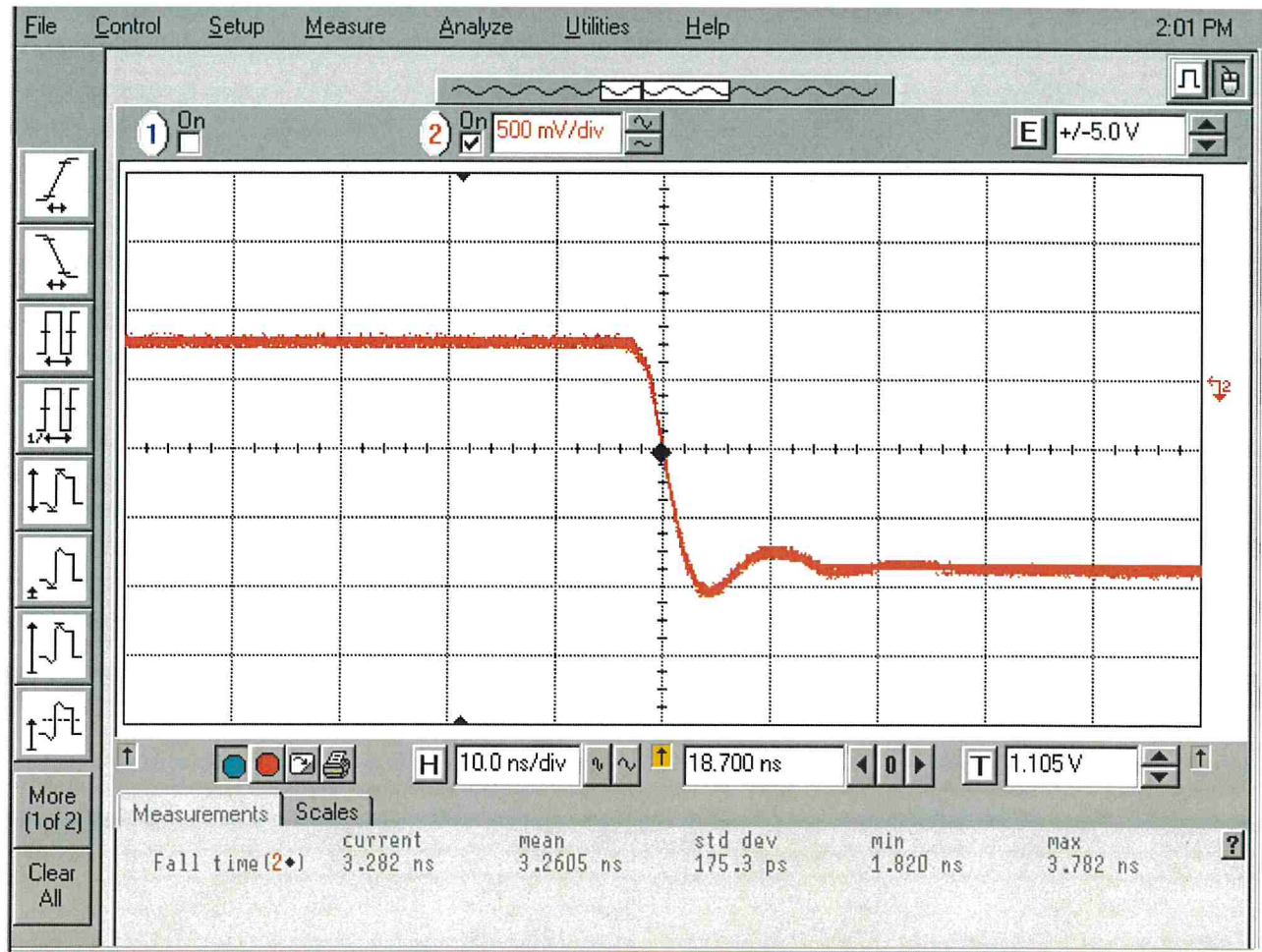
VIDEO TSS -65 dBm





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VIDEO RISE TIME



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VIDEO FALL TIME

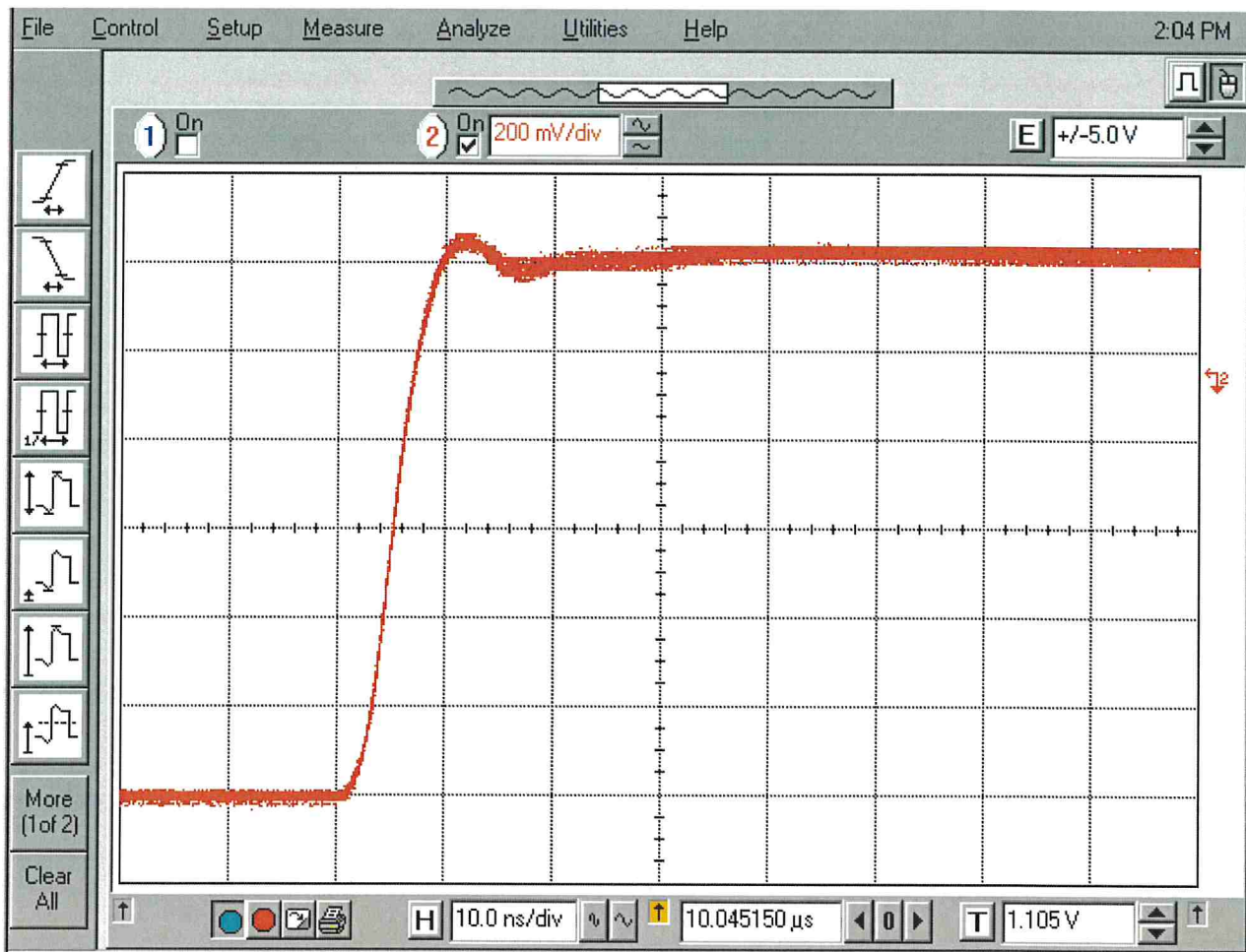


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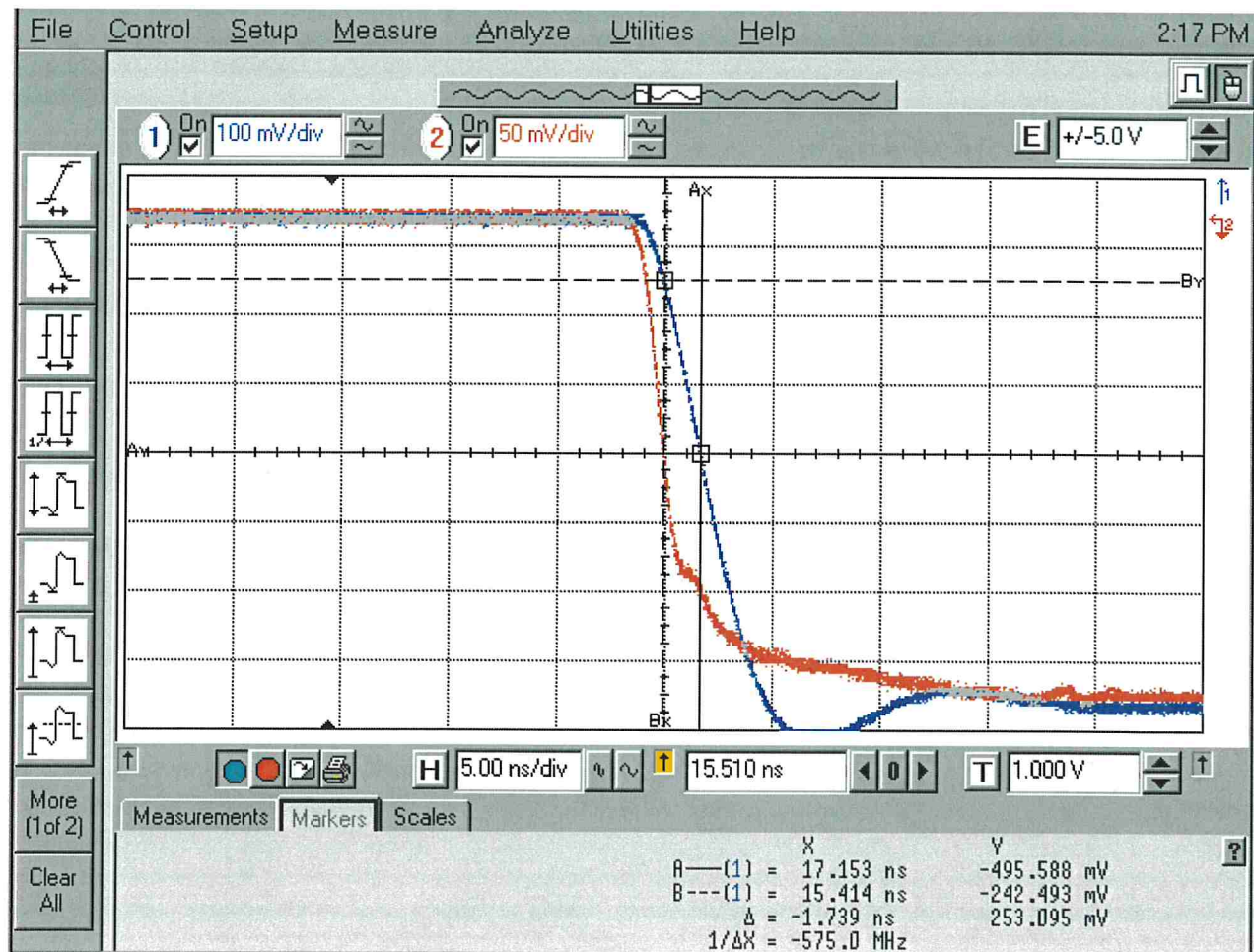
Recovery Time





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Delay Time



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