



**SUMMARY TEST DATA
ON
DLVA-218-45-100MV-CW**

PL37090/2226

Customer: _____	Tested By: <u>Jim Hopson</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>DLVA-218-45-100MV-CW</u>	Date: <u>06/29/22</u>
Serial No: <u>PL37090/2226</u>	Drawing No: <u>27633820</u> Rev: <u>A2</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz to 18 GHz	2 GHz to 18 GHz	
2	Frequency Flatness	±2.0 dB TYP.	±0.7 dB	
3	Signal Capability	Pulse (100 ns – 300 µs)	Pass	
4	TSS from -20°C to +85°C	-45 dBm TYP.	-46 dBm Typ	
5	Log Dynamic Range	-40 dBm to +5 dBm	-40 dBm to +5 dBm	
6	Log Slope	100 mV/dB Nominal	99.5 mV/dB	
7	Log Linearity	±1.5 dB Max	+0.45 dB -0.41 dB	
8	DC Offset	±150 mV TYP.	107 mV	
9	Output Rise Time	25 ns Max	14 ns	
10	Settling Time	55ns Max, 90% Output to ±0.5dB of Final Value	Pass	
11	Recovery Time	500 ns Max	460 ns	
12	Input VSWR	2.5 : 1 TYP.	2.35 : 1	
13	Max Input Level	+20dBm CW	+20 dBm CW	
14	Power Supply	+15VDC @ 150mA Max -15VDC @ 150mA Max	70 mA 70 mA	

QA/QC Approval: _____ Date: _____

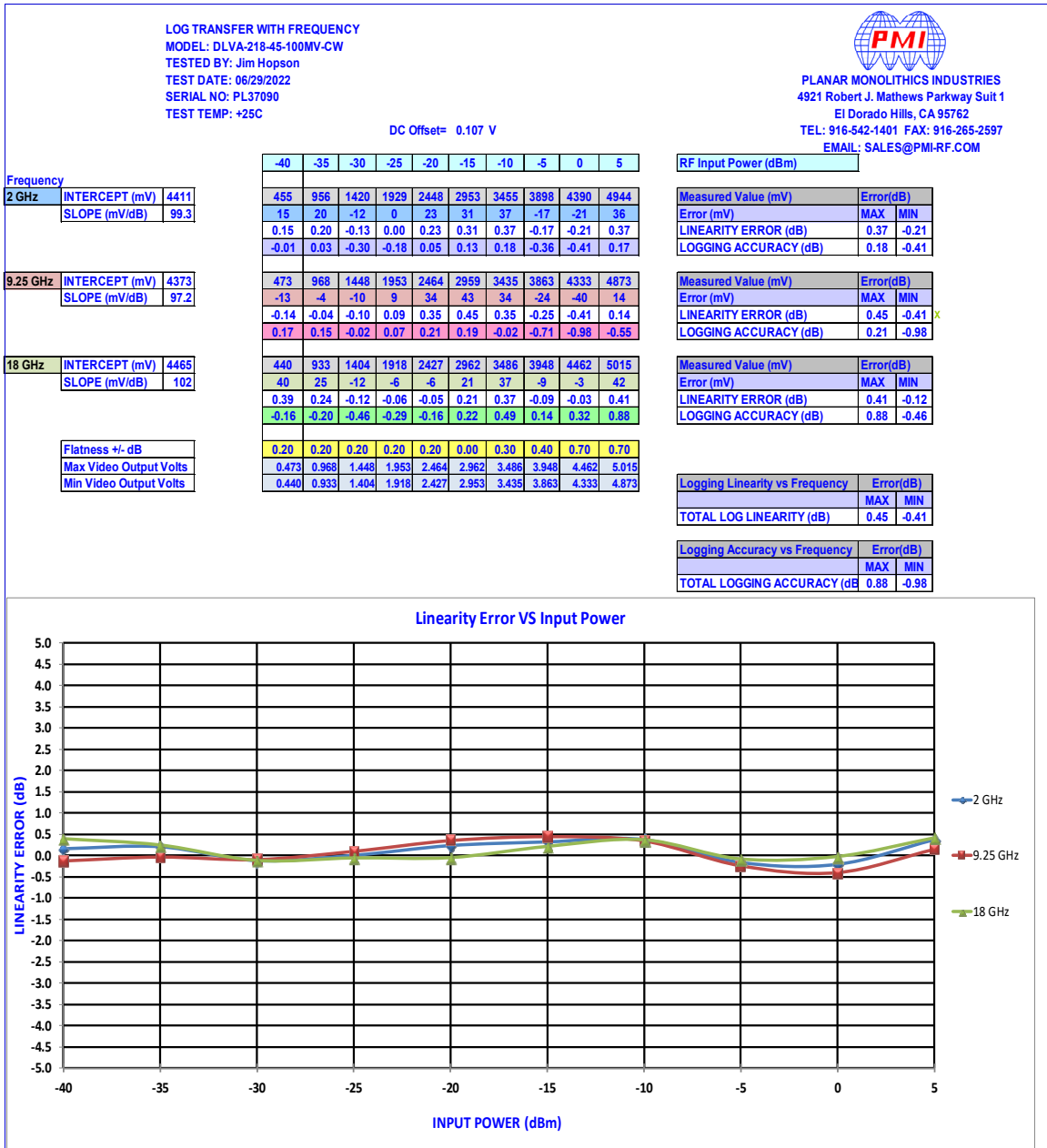
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
 Phone: (916) 542-1401 Fax: (916) 265-2597
 Email: sales@pmi-rf.com



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Transfer Response @ 25°C



Linearity Error VS Input Power

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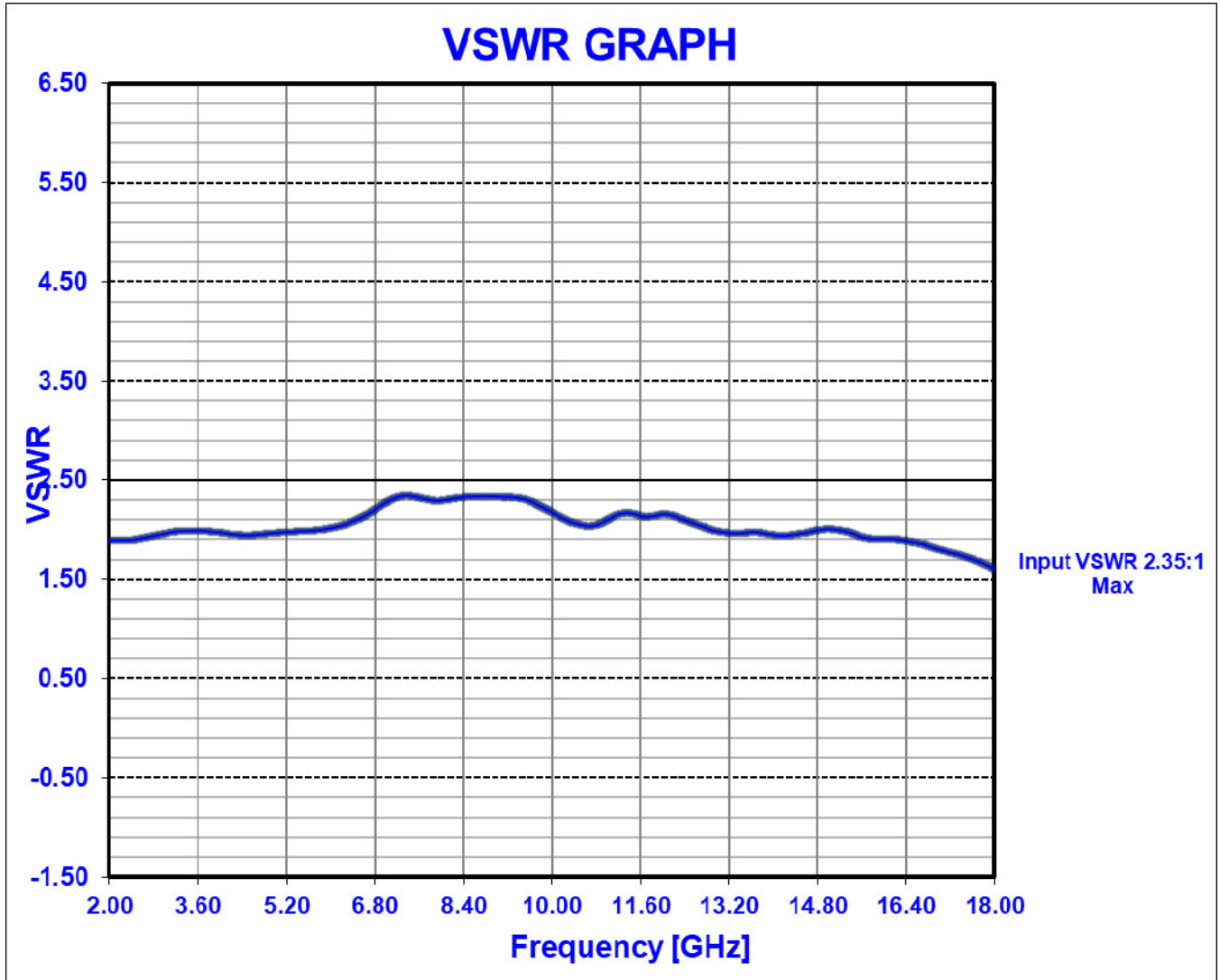


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VSWR

VSWR GRAPH



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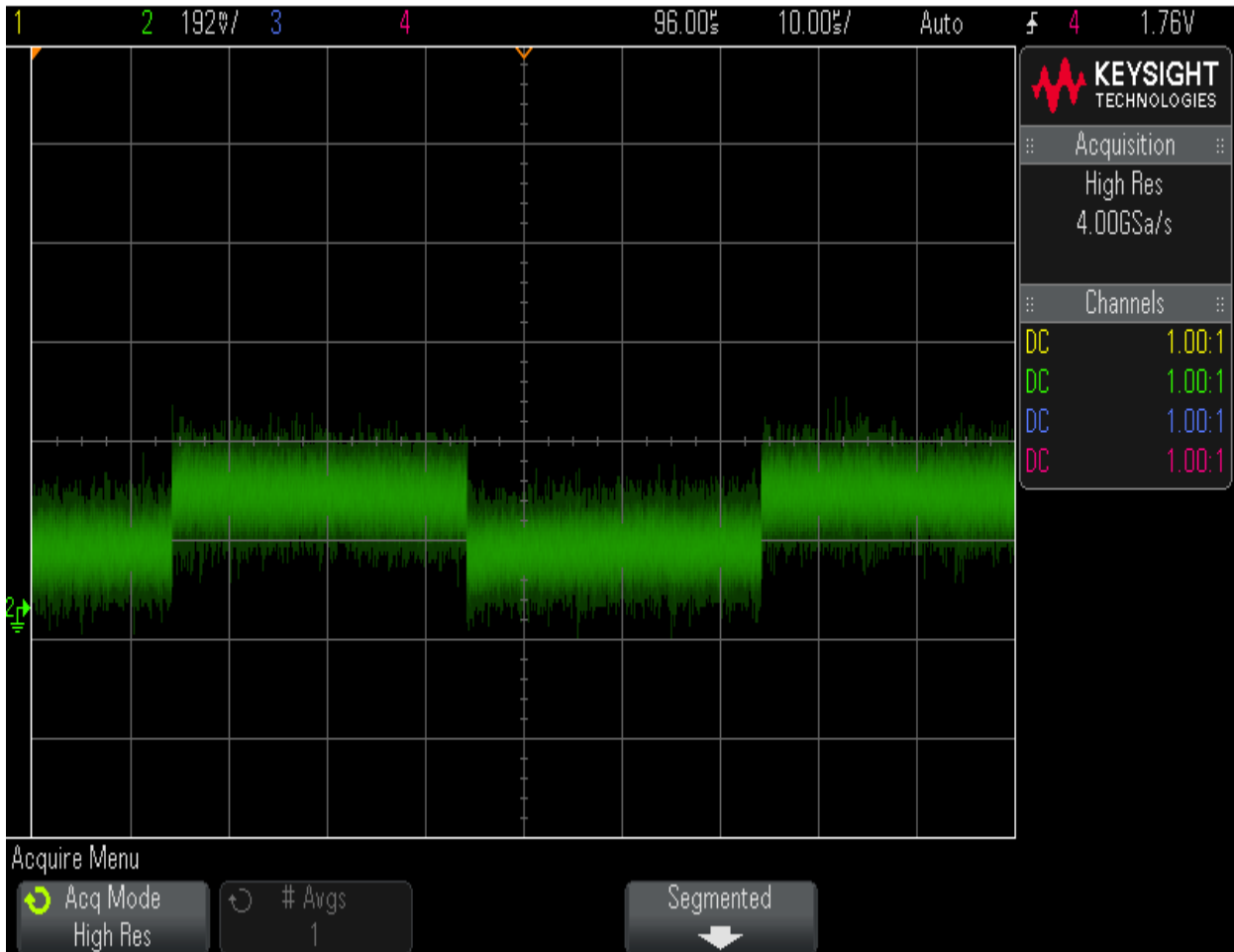


**SUMMARY TEST DATA
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TSS -46 dBm @ 25°C

DSO-X 3034A, MY52394003 Tue Jun 28 12:18:02 2022



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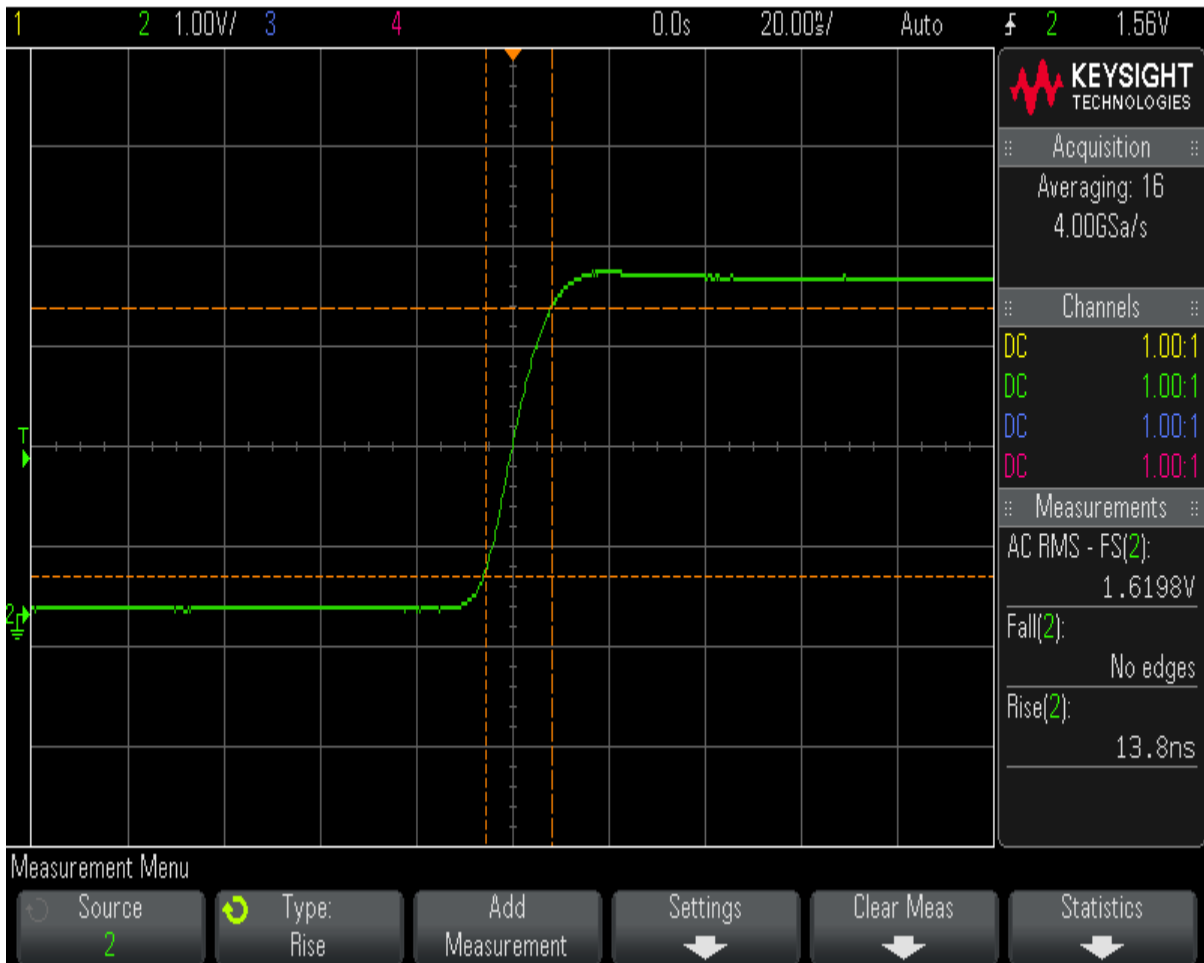


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Rise Time

DSO-X 3034A, MY52394003: Tue Jun 28 12:02:03 2022



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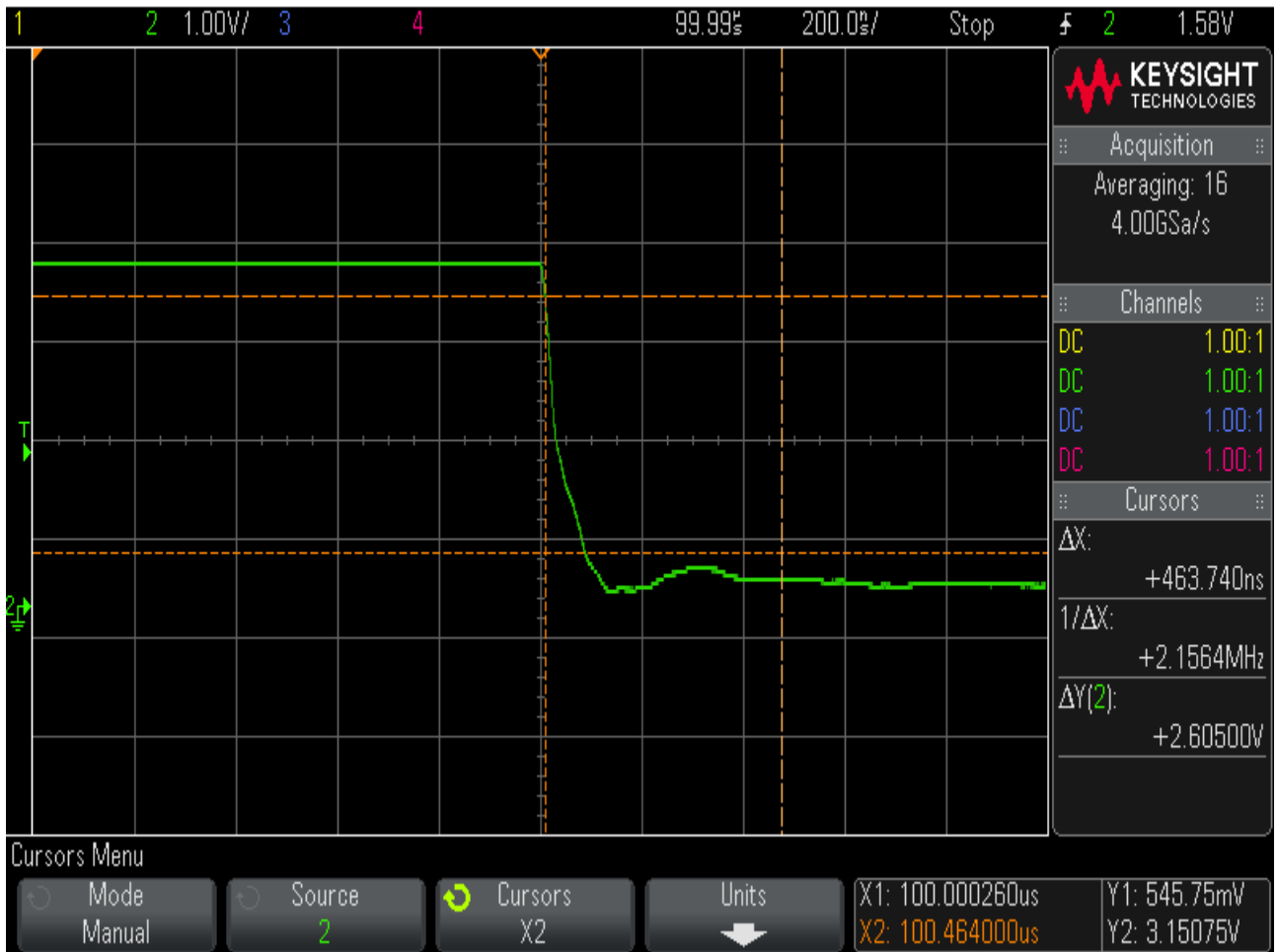


**SUMMARY TEST DATA
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Recovery Time

DSO-X 3034A, MY52394003: Tue Jun 28 12:09:05 2022



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