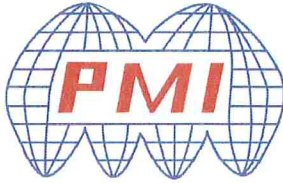


**SUMMARY TEST DATA
ON
ERDLVA-218-DC-LPD**

Customer: _____ Tested By: Jim Hopson
 SO No: _____ Temperature: +25°C
 Model No: ERDLVA-218-DC-LPD Date: 05/28/21
 Serial No: PL32490/2121 Drawing No: 27622822 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC PMI QA3
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA3
2	Flatness:	± 1.5 dB Max.	±1.4 dB See Plots	
3	Log Linearity	± 0.5 dB TYP. ±1.0 dB MAX	±.53/- .64 dB See Plots	
4	Logging Range:	-60 to +4 dBm	-60 to +4 dBm	
5	Log Slope	+85mV/dB	85.0 mV/dB & See Plot	
6	INPUT VSWR:	3.0:1 Max.	2.2:1	
7	TSS:	-64 dBm MAX.	-64 dBm	
8	Pulse Width Range:	50 nsec to CW.	50 nsec to CW.	
9	Video Rise Time:	20 nsec Max.	20 nsec	
10	Video Load Impedance:	75 ohms	75 ohms	
11	Recovery Time:	500 nsec Max.	480 nsec	
12	Output Stability:	±1.0 dB	±.5 dB	
13	DC Supply Power:	+15VDC / 190 mA MAX -15VDC / 100 mA MAX	+ 15 Volts @190 mA - 15 Volts @80 mA	PMI QA3

QA/QC Approval: Arthur Zimmerman Date: 5-28-21



SUMMARY TEST DATA ON ERDLVA-218-DC-LPD

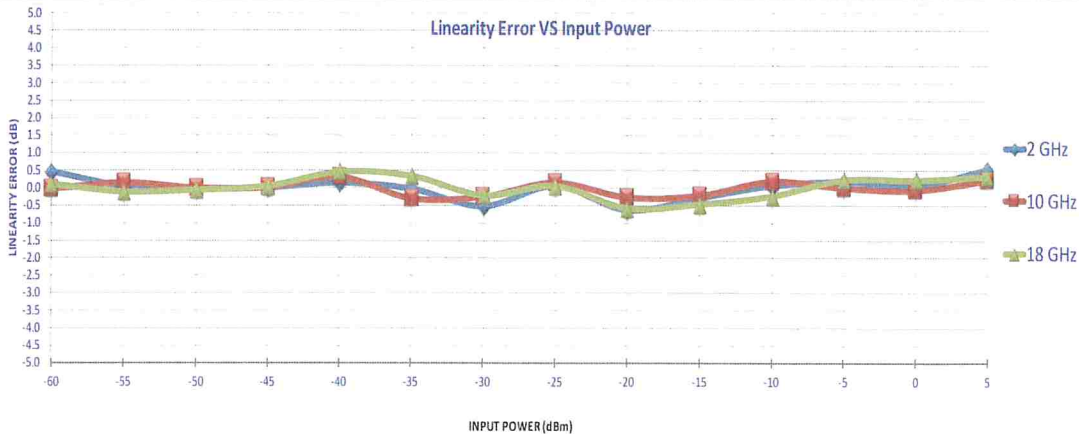
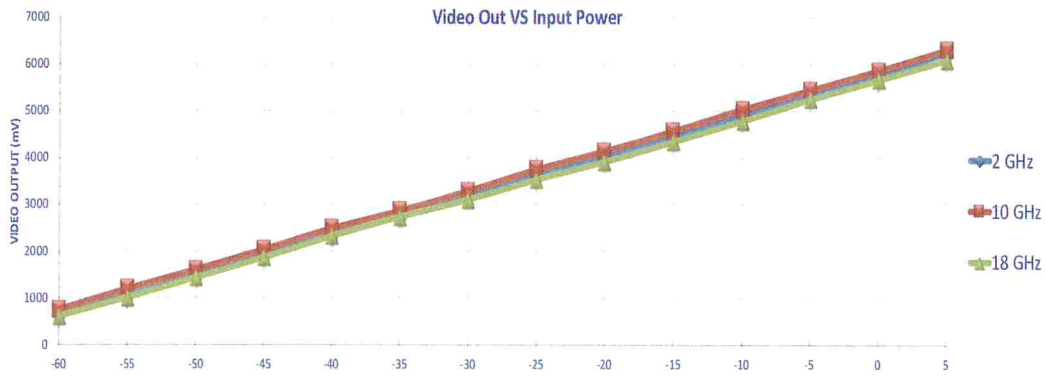
LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-218-DC-LPD
 TESTED BY: Jim Hopson
 TEST DATE: 5-28-21
 SERIAL NO: PL32490
 TEST TEMP: +25C



PLANAR MONOLITHICS INDUSTRIES
 4921 ROBERT J. MATHEWS PARKWAY
 ELDORADO HILLS, CA 95762
 PH: 916-542-1401 FAX: 916-265-2597
 EMAIL: SALES@PMI-RF.COM

Frequency

		RF Input Power (dBm)																	
		-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5				
2 GHz	INTERCEPT (mV)	5765														Measured Value (mV)			
	SLOPE (mV/dB)	86.0														Error (mV)			
			646	1040	1464	1896	2338	2753	3140	3620	3990	4450	4910	5350	5770	6240	LINEARITY ERROR (dB)		
			0.46	0.04	-0.03	0.00	0.14	-0.03	-0.53	0.05	-0.64	-0.29	0.06	0.18	0.06	0.53			
10 GHz	INTERCEPT (mV)	5865														Measured Value (mV)			
	SLOPE (mV/dB)	85.1														Error (mV)			
			754	1195	1608	2035	2487	2860	3290	3750	4140	4570	5030	5440	5860	6310	LINEARITY ERROR (dB)		
			-2	13	0	2	28	-25	-21	14	-22	-18	16	1	-5	19			
			-0.03	0.15	0.00	0.02	0.33	-0.29	-0.24	0.16	-0.26	-0.21	0.19	0.01	-0.06	0.23			
18 GHz	INTERCEPT (mV)	5651														Measured Value (mV)			
	SLOPE (mV/dB)	84.1														Error (mV)			
			614	1016	1441	1871	2326	2737	3110	3540	3920	4350	4790	5250	5670	6100	LINEARITY ERROR (dB)		
			9	-9	-5	5	39	30	-18	5	-49	-39	-20	20	19	29			
			0.11	-0.11	-0.06	0.05	0.46	0.35	-0.21	0.06	-0.58	-0.47	-0.24	0.23	0.23	0.34			
Flatness +/-dB		0.8 1.1 1 1 0.9 0.7 1.1 1.2 1.3 1.3 1.4 1.1 1.1 1.2																	



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