

**Summary Data
For
ERDLVA-2G8G-65-70MV-2**

Customer: _____ Tested By: DA
 SO No: _____ Temperature: +25°C (Unless Otherwise Specified)
 Model No: ERDLVA-2G8G-65-70MV-2 Date: 12/5/2025
 Serial No: PL56576/2549 Drawing No: 27650080 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 to 8 GHz	2 to 8 GHz	PMI QA3
2	Input VSWR:	2.3:1 Max	1.30:1	
3	Input Power Max:	(1) 1 W CW (2) 100 W Peak @ PW = 1 us & Duty Cycle = 1%	Pass (By Design)	
4	Switch Isolation:	60 dB Min (All Ports)	>60dB	
5	Switching Speed:	100 ns Max	<100ns	

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

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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
6	TSS:	-71 dBm	73dBm	PMI QA3
7	Dynamic Range:	-65 to 0 dBm	-65 to 0 dBm	
8	Log Slope:	70 mV/dB ±3 mV/dB	69.63/68.60mV/dB	
9	Log Linearity:	±1.0 dB Max	+54/-43dB	
10	Log Accuracy @ 25°C:	±1.25 dB Max	+94/-89dB	
11	Absolute Log Accuracy:	±2.0 dB Max	+1.40/-1.39dB	
12	DC Offset:	±70 mV	27mV	
13	Rise Time:	28 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	26.3ns @ 0dBm-See Plots	
14	Fall Time:	300 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	148.4ns @ 0dBm-See Plots	
15	Settling Time:	50 ns Max (From 10% to within 70 mV of final value @ -40 & -10 dBm)	Pass	
16	Recovery Time:	1 us Max (From 90% to within ±1.5 dB of baseline)	<1.0us	
17	Video Frequency Flatness:	±1.25 dB Max @ 25°C	±.83dB	
18	Pulse Width Process Range:	100 ns to 100 us	100 ns to 100 us	
19	Video Output Load Impedance:	95 ±1 Ω	95 Ω	

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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
20	Video Output @ -65 dBm:	330 ± 88 mV Over Frequency	338/250mV	PMI QA3
21	Video Output Drive Capability:	Driving 100 ft RG180 into 95 Ω Load	Pass	
22	Pulse Density Capability:	10% Duty @ 100 ns PW 70% Duty @ 100 us PW	Pass (By Design)	
23	Noise Level:	20 mV RMS Max	11.64mV	
24	Pulse Droop @ -65 dBm:	70 mV Max for PW 100 us	<70mV	
25	Propagation Delay:	50 ns Max (50% RF to 10% Video)	<50ns	
26	CW Immune Power:	TSS to -40 dBm	TSS to -40dBm	
27	Baseline Shift:	200 mV Max @ -40 dBm CW	<200mV	
28	Pulse Amplitude Loss with Pulse @ -30 dBm:	CW @ -50 dBm = No Loss CW @ -40 dBm = 2 dB Max	-50 dBm = Pass -40 dBm = Pass	
29	CW Immue Time @ CW = -40 dBm	4 ms Max	<4.0ms	
30	CW Recovery Time @ CW = -40 dBm	120 us Max	<100us	
31	DC Power:	+15V (±5%) @ 500 mA Max -15V (±5%) @ 200 mA Max	471mA 141mA	
32	Ripple DC to 10 MHz	100 mV Max	<100mV	

QA/QC Approval: K. Klamm

Date: 12-8-25

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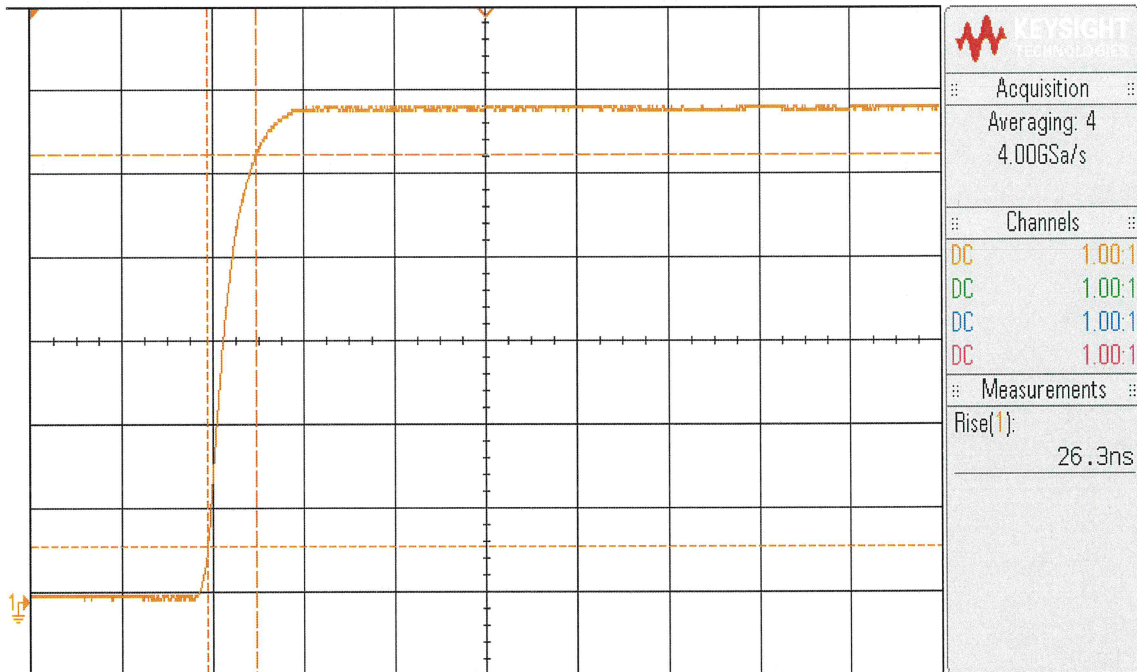
**Summary Data
For
ERDLVA-2G8G-65-70MV-2**

Serial No: PL56576/2549

RISE TIME/SETTING TIME @ 0dBm

DSO-X 3034A, MY52394003: Thu Dec 04 16:22:10 2025

1 800% / 2 3 4 4.000ns 50.00% / Auto f 4 1.70V



Measurement Menu

Source 1 | Type: Rise | Add Measurement | Settings | Clear Meas | Statistics

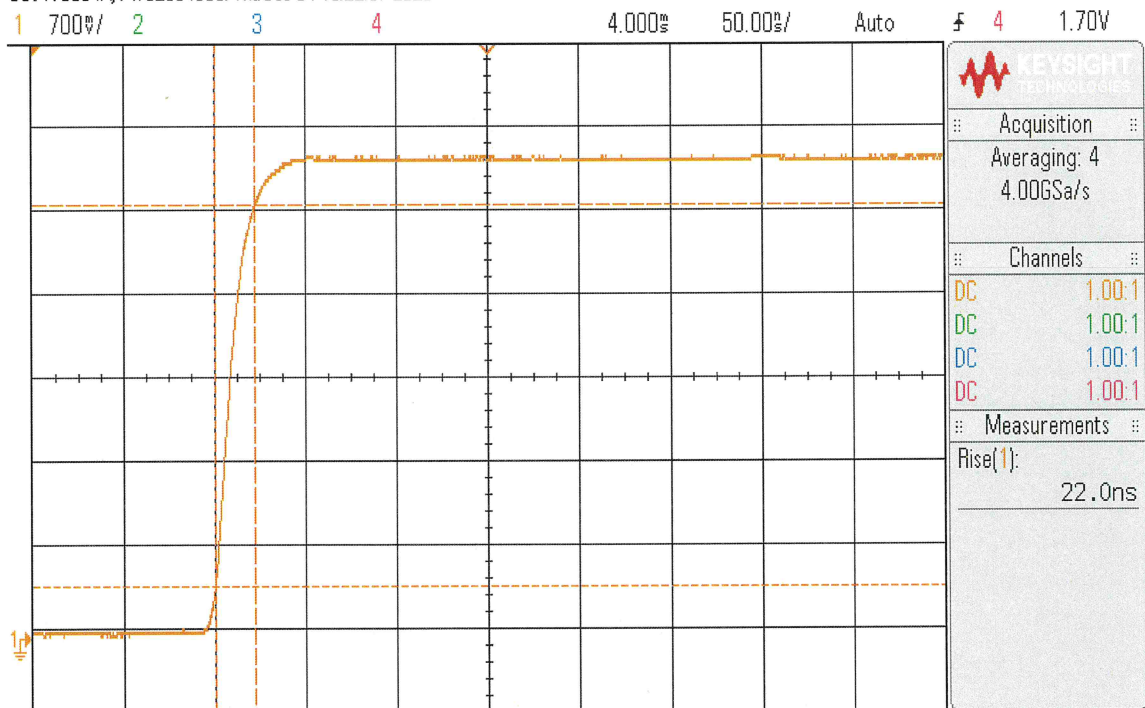
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**Summary Data
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ERDLVA-2G8G-65-70MV-2**

Serial No: PL56576/2549

RISE TIME/SETTING TIME @ -10dBm

DSO-X 3034A, MY52394003: Thu Dec 04 16:22:57 2025



Save to file = pl56576_rise_10

Save

Recall

Default/Eraser

Press to Save

**Summary Data
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Serial No: PL56576/2549

RISE TIME/SETTING TIME @ -40dBm

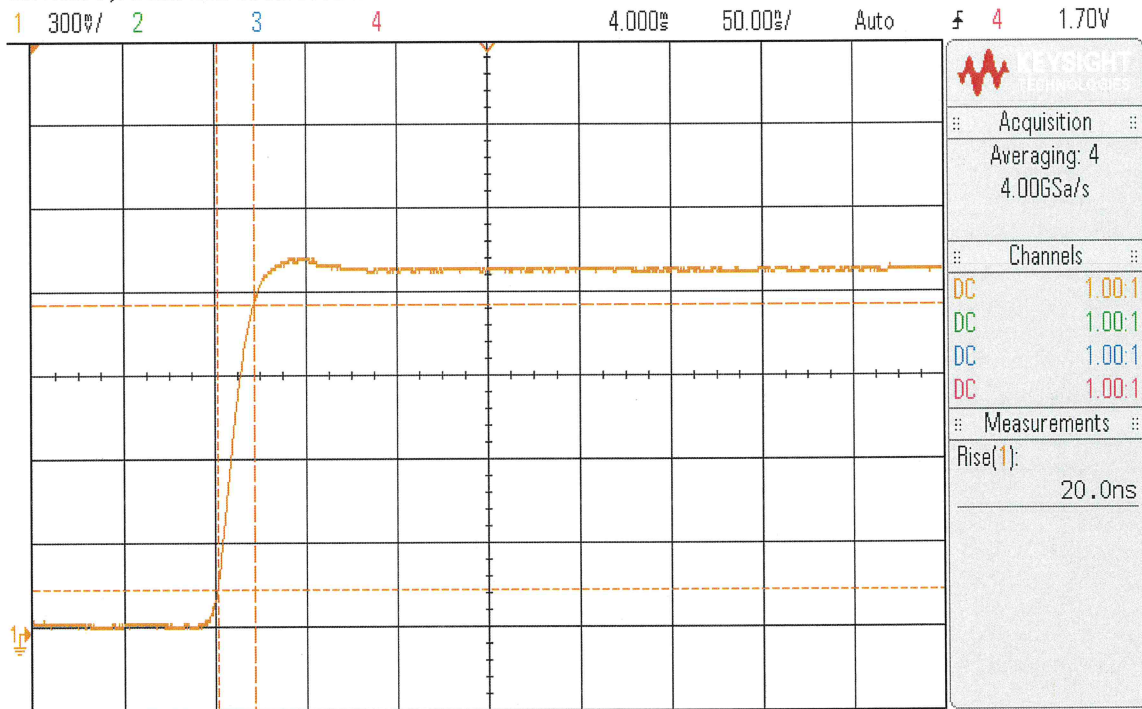


**Summary Data
For
ERDLVA-2G8G-65-70MV-2**

Serial No: PL56576/2549

RISE TIME/SETTING TIME @ -50dBm

DSO-X 3034A, MY52394003: Thu Dec 04 16:23:53 2025



Save to file = pl56576_rise_50

Save

Recall

Default/Erase

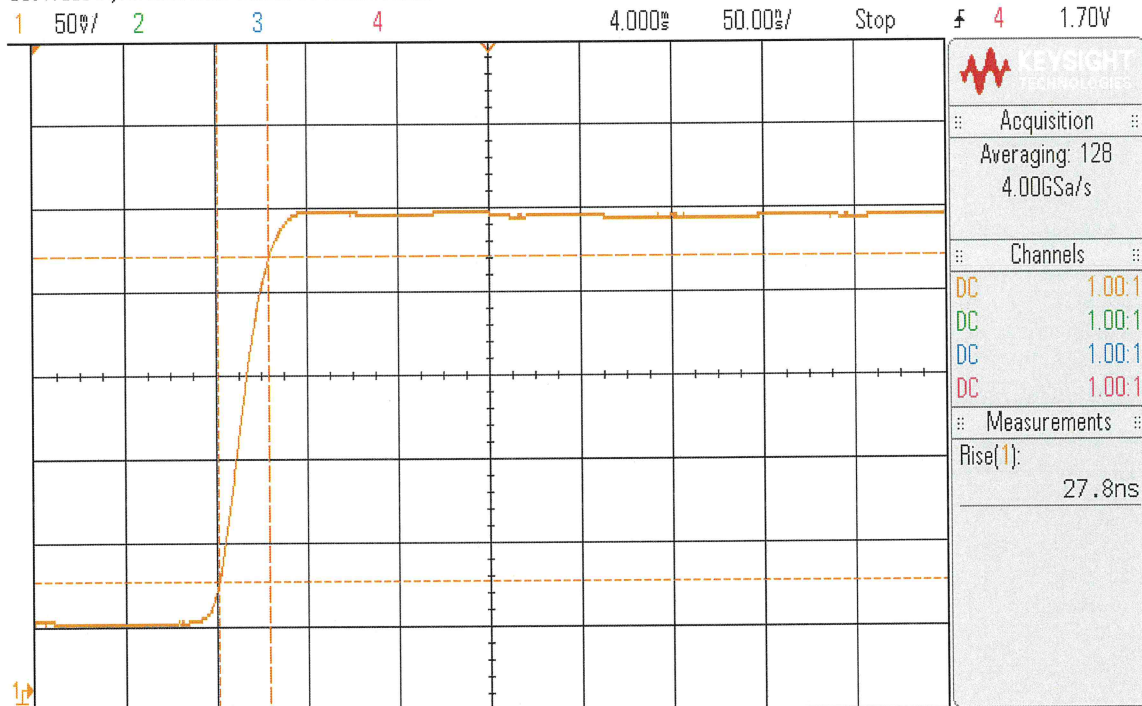
Press to Save

**Summary Data
For
ERDLVA-2G8G-65-70MV-2**

Serial No: PL56576/2549

RISE TIME/SETTING TIME @ -65dBm

DSO-X 3034A, MY52394003: Thu Dec 04 16:25:01 2025



Acquire Menu

Acq Mode
Averaging

Avgs
128

Segmented
↓

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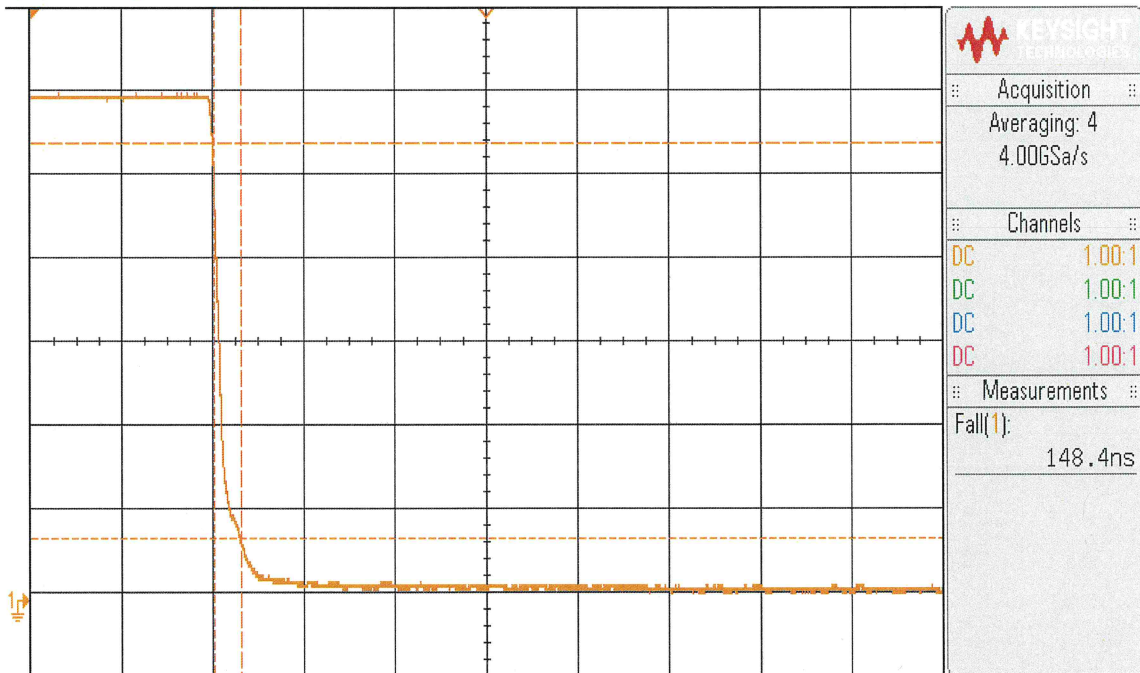
**Summary Data
For
ERDLVA-2G8G-65-70MV-2**

Serial No: PL56576/2549

RECOVERY TIME @ 0dBm

DSO-X 3034A, MY52394003: Fri Dec 05 06:35:13 2025

1 800% / 2 3 4 4.052ns 500.0% / Auto f 4 1.70V



Save to file = pl56576_fall_

Save

Recall

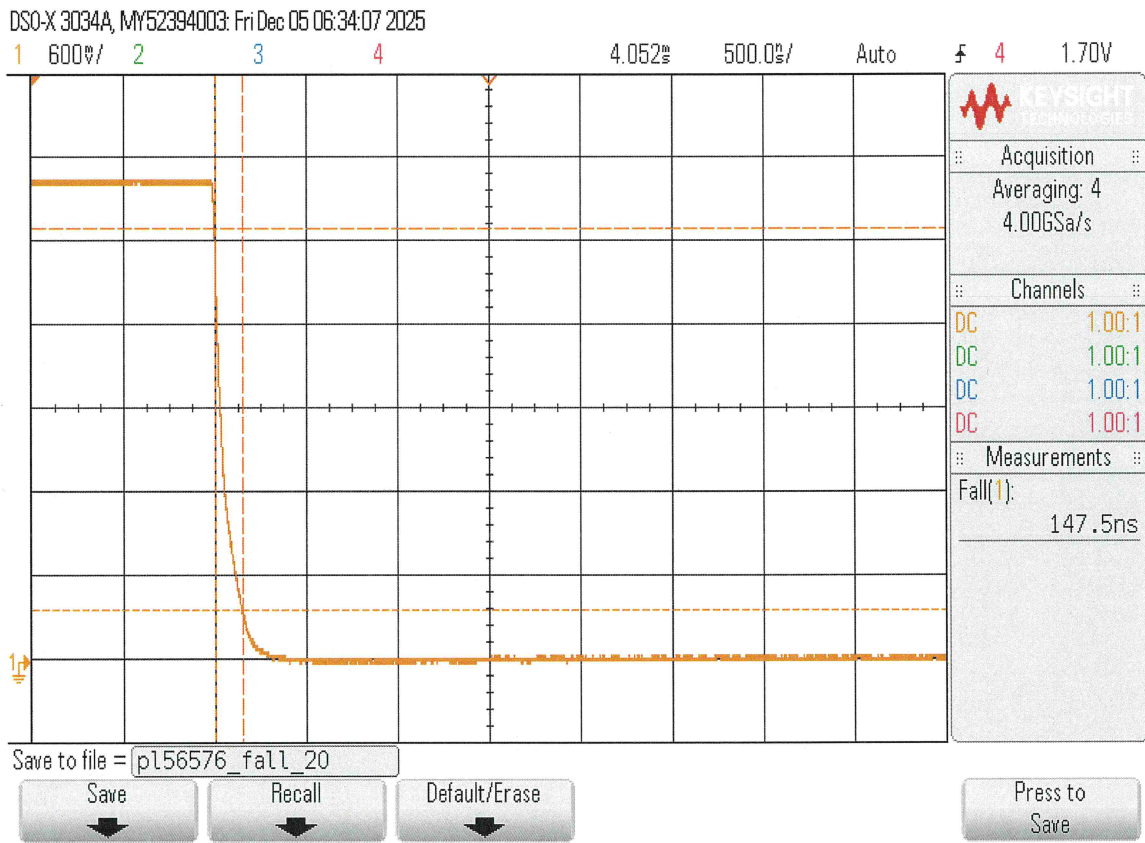
Default/Erase

Press to Save

**Summary Data
For
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Serial No: PL56576/2549

RECOVERY TIME @ -20dBm



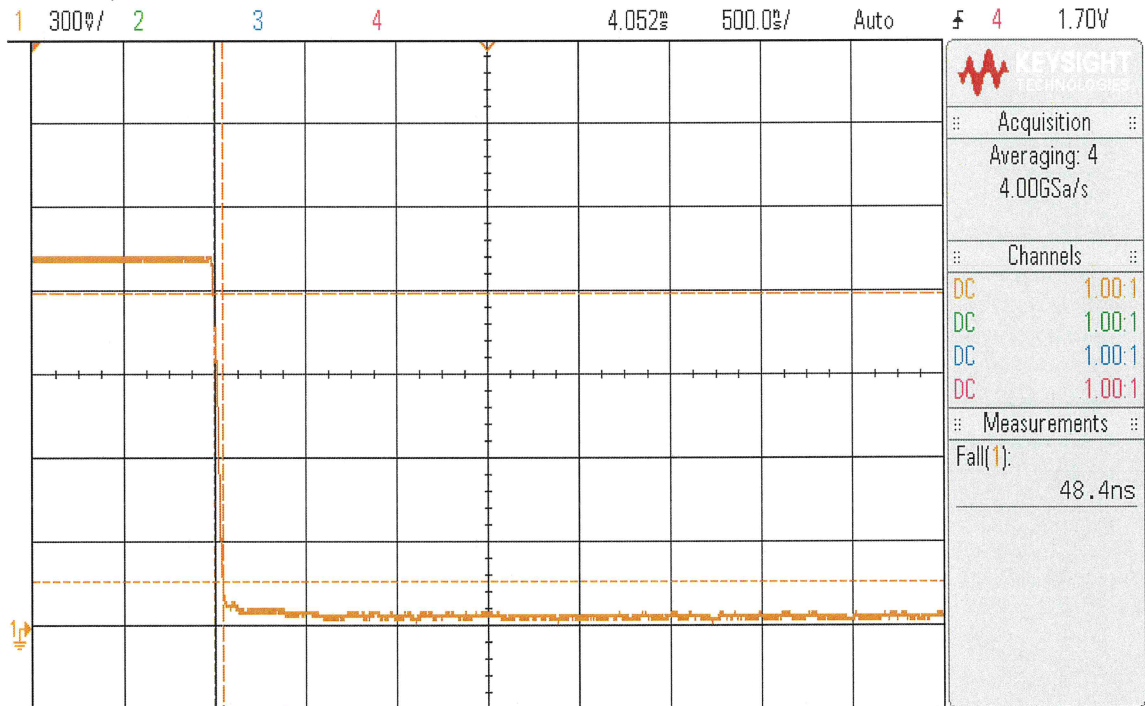
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**Summary Data
For
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Serial No: PL56576/2549

RECOVERY TIME @ -50dBm

DSO-X 3034A, MY52394003: Fri Dec 05 06:33:32 2025



Save to file = pl56576_fall_0

Save

Recall

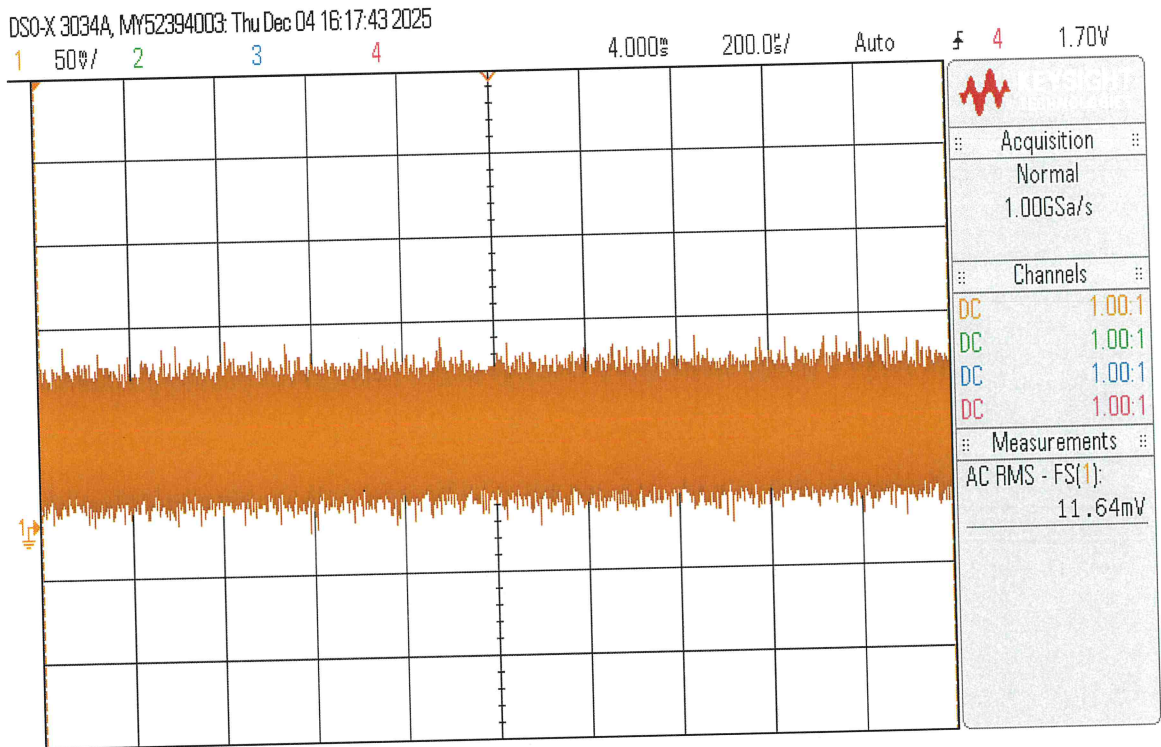
Default/Erse

Press to Save

Summary Data
For
ERDLVA-2G8G-65-70MV-2

Serial No: PL56576/2549

RMS NOISE



Measurement Menu

Source 1	Type: AC RMS - FS	Add Measurement	Settings ↓	Clear Meas ↓	Statistics ↓
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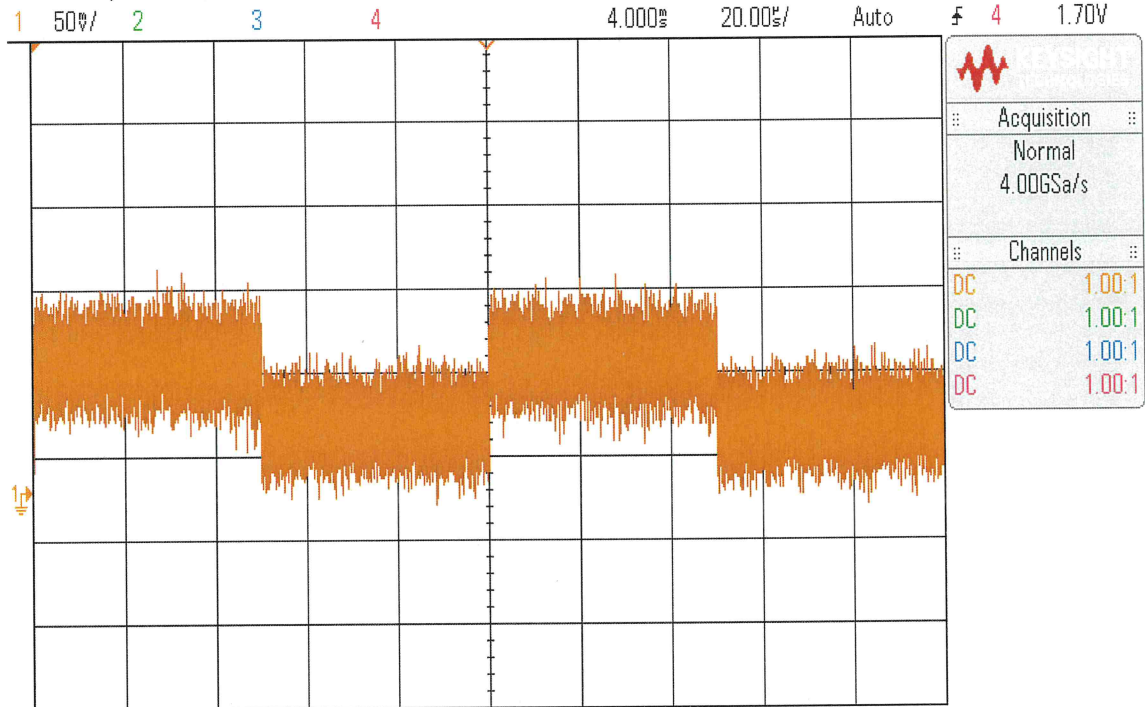
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**Summary Data
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Serial No: PL56576/2549

TSS

DSO-X 3034A, MY52394003: Thu Dec 04 16:18:27 2025



Measurement Menu

Source 1 Type: AC RMS - FS Add Measurement Settings Clear Meas Statistics

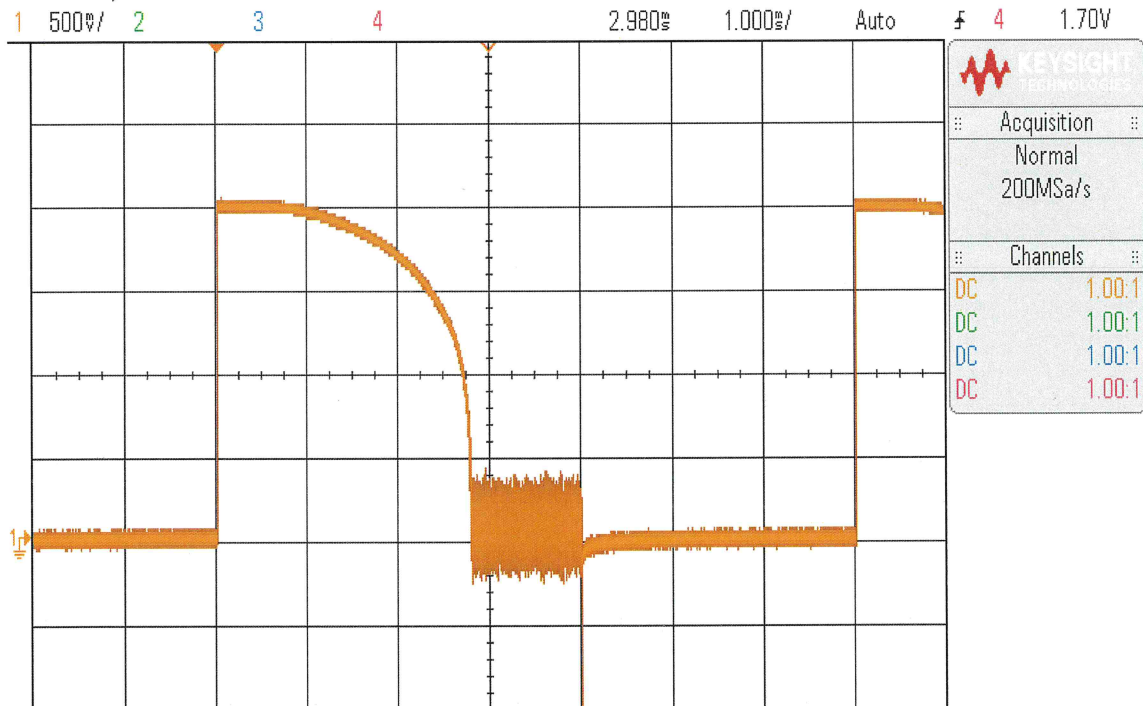
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@quanticpmi.com

**Summary Data
For
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Serial No: PL56576/2549

CW IMMUNITY TIME

DSO-X 3034A, MY52394003: Wed Dec 03 14:39:58 2025



Acquire Menu

Acq Mode
Normal

Avgs
4

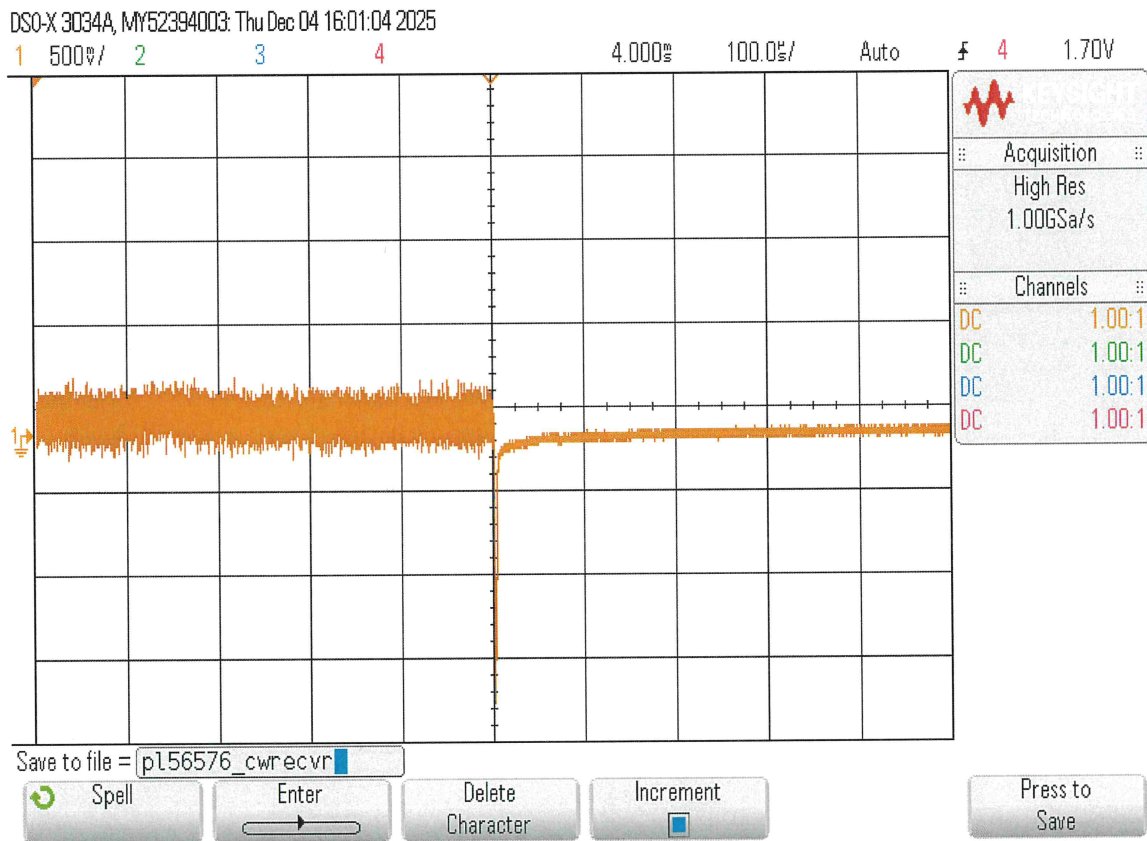
Segmented

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**Summary Data
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Serial No: PL56576/2549

CW RECOVERY TIME



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

LOG TRANSFER WITH FREQUENCY
 MODEL: ERLVA-2G8G-65-70MV-2
 TESTED BY: DA
 DATE: 12-03-25
 SERIAL NO: PL56576-RF

Test Temp: +25C



PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway STE 1
 TEL: 916-542-1401 FAX: 301-662-1731
 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

DC Offset= 0.027

Frequency

2000 MHz	INTERCEPT (mV)	4773.5
	SLOPE (mV/dB)	69.63

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
250	594	942	1283	1646	1975	2337	2677	3059	3394	3750	4051	4421	4768	
3	-2	-2	-9	6	-13	1	-8	26	13	21	-26	-4	-6	
0.04	-0.02	-0.03	-0.13	0.09	-0.19	0.01	-0.11	0.38	0.19	0.30	-0.38	-0.06	-0.08	
-0.82	-0.85	-0.82	-0.89	-0.64	-0.89	-0.65	-0.74	-0.22	-0.37	-0.23	-0.88	-0.53	-0.51	

RF Input Power (dBm)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

3000 MHz	INTERCEPT (mV)	4823.8
	SLOPE (mV/dB)	68.60

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
338	709	1052	1386	1754	2079	2440	2766	3139	3464	3797	4108	4471	4818	
-27	1	1	-8	17	-1	17	0	30	12	2	-30	-10	-6	
-0.39	0.02	0.02	-0.12	0.25	-0.01	0.25	0.00	0.44	0.18	0.03	-0.43	-0.14	-0.08	
0.45	0.81	0.77	0.60	0.92	0.62	0.83	0.55	0.94	0.64	0.45	-0.05	0.20	0.21	

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

4000 MHz	INTERCEPT (mV)	4810.4
	SLOPE (mV/dB)	69.00

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
308	674	1016	1350	1717	2042	2407	2740	3117	3442	3785	4097	4457	4800	
-18	3	0	-11	11	-9	11	0	32	12	10	-23	-8	-10	
-0.26	0.05	0.01	-0.15	0.17	-0.12	0.17	-0.01	0.46	0.17	0.14	-0.34	-0.12	-0.15	
0.01	0.31	0.25	0.08	0.38	0.08	0.36	0.17	0.62	0.32	0.28	-0.21	-0.01	-0.05	

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

5000 MHz	INTERCEPT (mV)	4824.9
	SLOPE (mV/dB)	69.22

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
309	677	1020	1354	1719	2045	2413	2751	3126	3450	3789	4104	4470	4826	
-16	5	2	-10	9	-11	11	3	32	10	2	-29	-9	1	
-0.24	0.08	0.03	-0.14	0.13	-0.16	0.16	0.04	0.46	0.14	0.03	-0.41	-0.13	0.02	
0.03	0.35	0.31	0.14	0.41	0.12	0.44	0.33	0.75	0.44	0.34	-0.11	0.18	0.33	

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

6000 MHz	INTERCEPT (mV)	4782.8
	SLOPE (mV/dB)	69.38

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
268	621	967	1304	1662	1991	2360	2706	3085	3408	3757	4061	4426	4776	
-5	1	0	-10	1	-17	5	5	37	13	15	-28	-10	-7	
-0.08	0.01	0.00	-0.14	0.02	-0.24	0.08	0.07	0.53	0.18	0.21	-0.40	-0.14	-0.10	
-0.56	-0.46	-0.46	-0.59	-0.41	-0.66	-0.32	-0.32	0.16	-0.17	-0.13	-0.73	-0.46	-0.40	

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

7000 MHz	INTERCEPT (mV)	4776.5
	SLOPE (mV/dB)	69.19

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
273	626	971	1308	1663	1992	2362	2709	3084	3407	3753	4055	4420	4769	
-6	1	0	-9	0	-17	7	8	37	14	14	-30	-11	-8	
-0.09	0.01	0.00	-0.13	0.00	-0.25	0.10	0.12	0.54	0.21	0.21	-0.43	-0.15	-0.11	
-0.49	-0.39	-0.40	-0.53	-0.40	-0.64	-0.29	-0.28	0.14	-0.19	-0.18	-0.82	-0.54	-0.50	

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

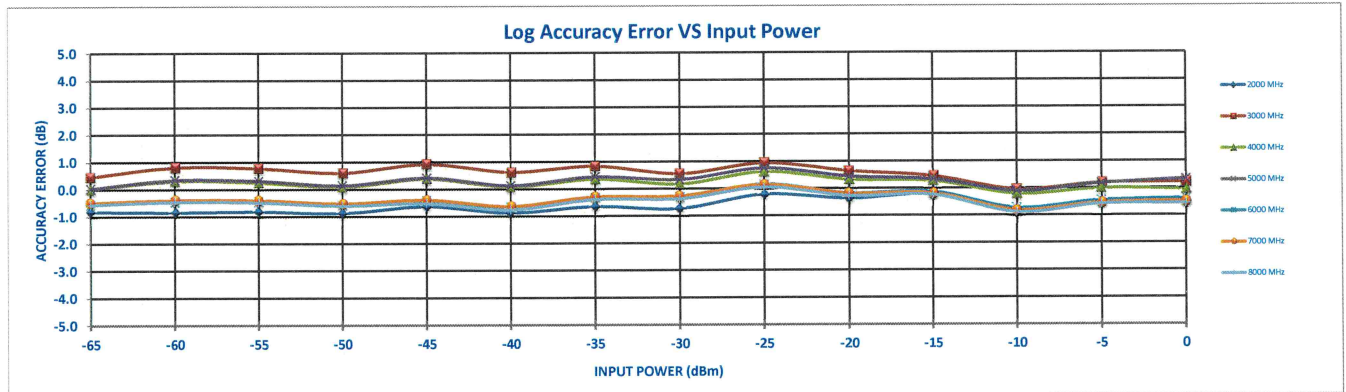
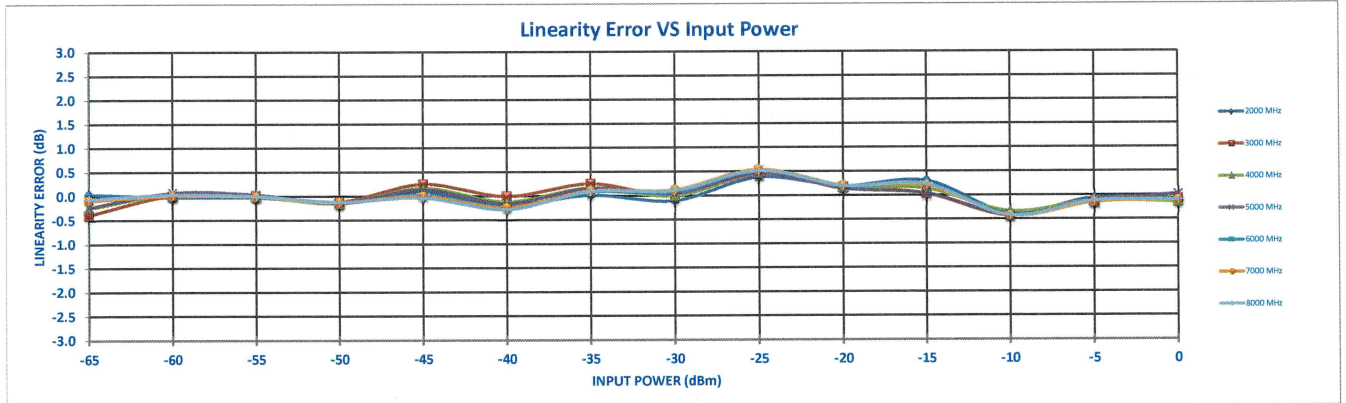
8000 MHz	INTERCEPT (mV)	4771.5
	SLOPE (mV/dB)	69.21

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
268	621	965	1302	1654	1983	2355	2702	3077	3401	3749	4050	4417	4764	
-5	2	0	-9	-3	-20	6	7	36	14	16	-29	-8	-7	
-0.07	0.03	0.00	-0.13	-0.04	-0.29	0.09	0.10	0.52	0.20	0.23	-0.42	-0.12	-0.11	
-0.56	-0.46	-0.49	-0.62	-0.53	-0.77	-0.39	-0.38	0.04	-0.27	-0.24	-0.89	-0.59	-0.57	

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

Flatness	+/- dB	0.64	0.83	0.80	0.74	0.78	0.75	0.74	0.64	0.58	0.51	0.35	0.42	0.39	0.45
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-65dBm mV-Out	338	Max
	250	Min



LOG TRANSFER WITH FREQUENCY
 MODEL: ERLVA-2G8G-65-70MV-2
 TESTED BY: DA
 DATE: 12-04-25
 SERIAL NO: PL56576-RF

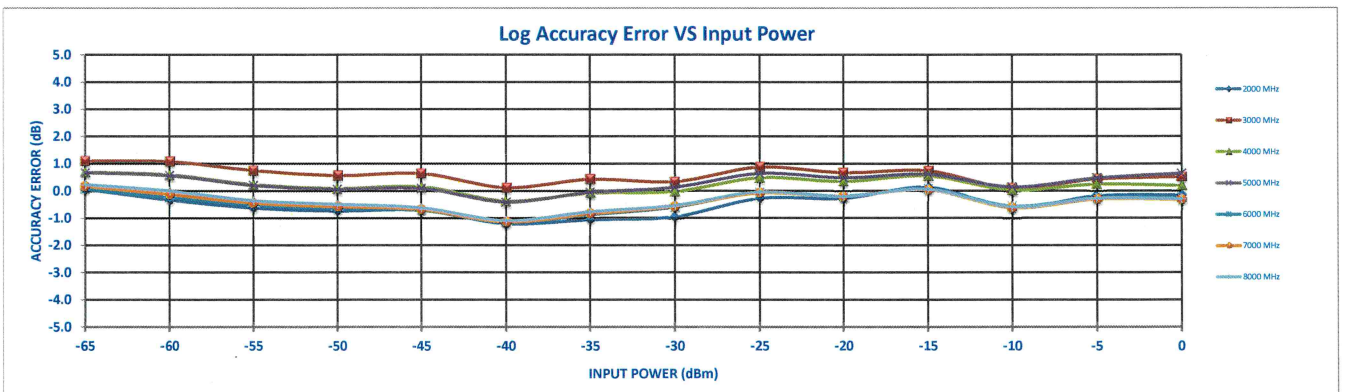
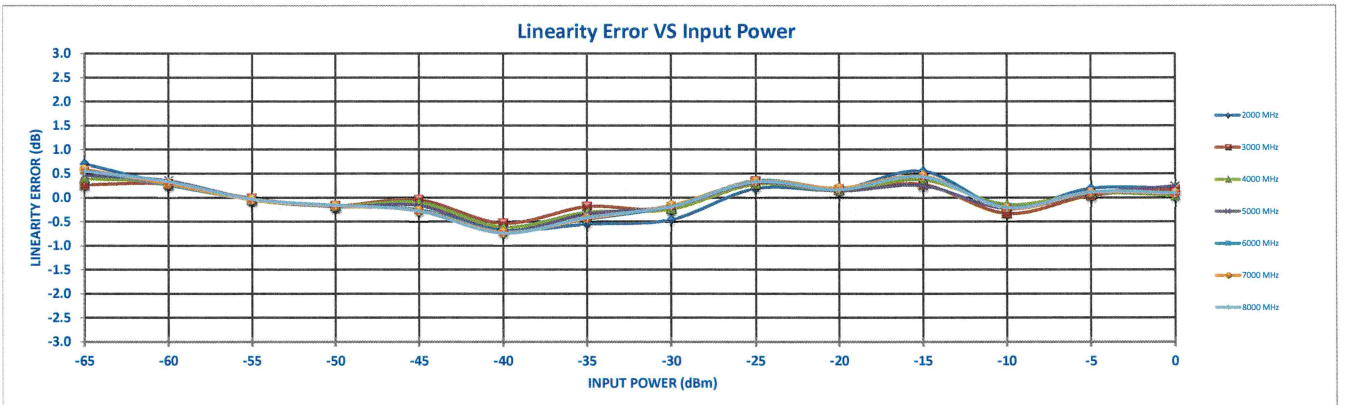
Test Temp: -10C



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 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

DC Offset= 0.026

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4831.1														
	SLOPE (mV/dB)	71.34														
	Measured Value (mV)	244	571	905	1252	1610	1930	2295	2658	3061	3416	3800	4102	4488	4845	
	Error (mV)	50	20	-3	-12	-11	-48	-39	-33	13	12	39	-16	14	14	
	LINEARITY ERROR (dB)	0.70	0.28	-0.04	-0.17	-0.15	-0.67	-0.55	-0.46	0.19	0.16	0.55	-0.22	0.19	0.19	
	ACCURACY ERROR (dB)	0.06	-0.34	-0.64	-0.75	-0.71	-1.20	-1.06	-0.95	-0.28	-0.28	0.13	-0.62	-0.19	-0.16	
3000 MHz	INTERCEPT (mV)	4881.3														
	SLOPE (mV/dB)	70.49														
	Measured Value (mV)	318	672	1003	1345	1706	2024	2401	2750	3143	3483	3843	4153	4532	4893	
	Error (mV)	18	20	-1	-12	-3	-38	-13	-17	24	11	19	-23	3	12	
	LINEARITY ERROR (dB)	0.26	0.28	-0.02	-0.17	-0.05	-0.54	-0.19	-0.24	0.34	0.16	0.27	-0.33	0.04	0.17	
	ACCURACY ERROR (dB)	1.10	1.08	0.74	0.56	0.64	0.12	0.43	0.34	0.88	0.66	0.73	0.10	0.43	0.52	
4000 MHz	INTERCEPT (mV)	4866.8														
	SLOPE (mV/dB)	70.86														
	Measured Value (mV)	289	637	966	1311	1671	1989	2365	2724	3115	3460	3830	4148	4519	4870	
	Error (mV)	28	22	-3	-13	-7	-43	-22	-17	28	10	26	-10	6	3	
	LINEARITY ERROR (dB)	0.40	0.31	-0.05	-0.18	-0.10	-0.61	-0.31	-0.24	0.28	0.15	0.37	-0.14	0.09	0.04	
	ACCURACY ERROR (dB)	0.69	0.59	0.22	0.08	0.15	-0.37	-0.08	-0.02	0.48	0.34	0.55	0.03	0.25	0.19	
5000 MHz	INTERCEPT (mV)	4885.2														
	SLOPE (mV/dB)	71.25														
	Measured Value (mV)	287	635	964	1309	1667	1986	2367	2735	3126	3470	3834	4156	4535	4902	
	Error (mV)	33	25	-2	-14	-12	-49	-24	-13	22	10	18	-17	6	17	
	LINEARITY ERROR (dB)	0.47	0.35	-0.03	-0.19	-0.17	-0.69	-0.34	-0.18	0.31	0.14	0.25	-0.23	0.08	0.24	
	ACCURACY ERROR (dB)	0.66	0.56	0.19	0.05	0.09	-0.42	-0.05	0.13	0.64	0.48	0.61	0.14	0.48	0.64	
6000 MHz	INTERCEPT (mV)	4832.6														
	SLOPE (mV/dB)	71.22														
	Measured Value (mV)	245	578	913	1259	1610	1934	2308	2683	3077	3422	3796	4106	4483	4838	
	Error (mV)	42	19	-3	-13	-18	-50	-32	-13	25	14	32	-14	6	5	
	LINEARITY ERROR (dB)	0.58	0.26	-0.04	-0.18	-0.25	-0.70	-0.45	-0.18	0.35	0.19	0.44	-0.20	0.09	0.08	
	ACCURACY ERROR (dB)	0.07	-0.24	-0.52	-0.65	-0.71	-1.15	-0.88	-0.60	-0.05	-0.20	0.07	-0.56	-0.26	-0.26	
7000 MHz	INTERCEPT (mV)	4828														
	SLOPE (mV/dB)	71.04														
	Measured Value (mV)	252	586	918	1264	1612	1935	2311	2685	3076	3421	3794	4102	4480	4834	
	Error (mV)	41	20	-3	-12	-19	-52	-31	-12	24	14	32	-16	7	6	
	LINEARITY ERROR (dB)	0.58	0.28	-0.04	-0.17	-0.27	-0.73	-0.43	-0.17	0.34	0.19	0.44	-0.22	0.10	0.08	
	ACCURACY ERROR (dB)	0.17	-0.13	-0.45	-0.58	-0.68	-1.13	-0.84	-0.57	-0.07	-0.21	0.04	-0.62	-0.30	-0.31	
8000 MHz	INTERCEPT (mV)	4828.3														
	SLOPE (mV/dB)	70.94														
	Measured Value (mV)	256	595	924	1270	1616	1938	2316	2687	3078	3421	3795	4104	4482	4835	
	Error (mV)	39	23	-2	-11	-20	-53	-29	-13	23	12	31	-15	8	7	
	LINEARITY ERROR (dB)	0.55	0.33	-0.03	-0.16	-0.28	-0.74	-0.41	-0.18	0.33	0.16	0.43	-0.21	0.12	0.09	
	ACCURACY ERROR (dB)	0.23	0.00	-0.37	-0.50	-0.63	-1.09	-0.77	-0.54	-0.04	-0.21	0.06	-0.59	-0.27	-0.30	
Flatness	+/- dB	0.52	0.71	0.69	0.65	0.68	0.66	0.75	0.65	0.58	0.47	0.34	0.38	0.39	0.48	
-65dBm mV-Out		318	Max													
		244	Min													



LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-2G8G-65-70MV-2
 TESTED BY: DA
 DATE: 12-04-25
 SERIAL NO: PL56576-RF

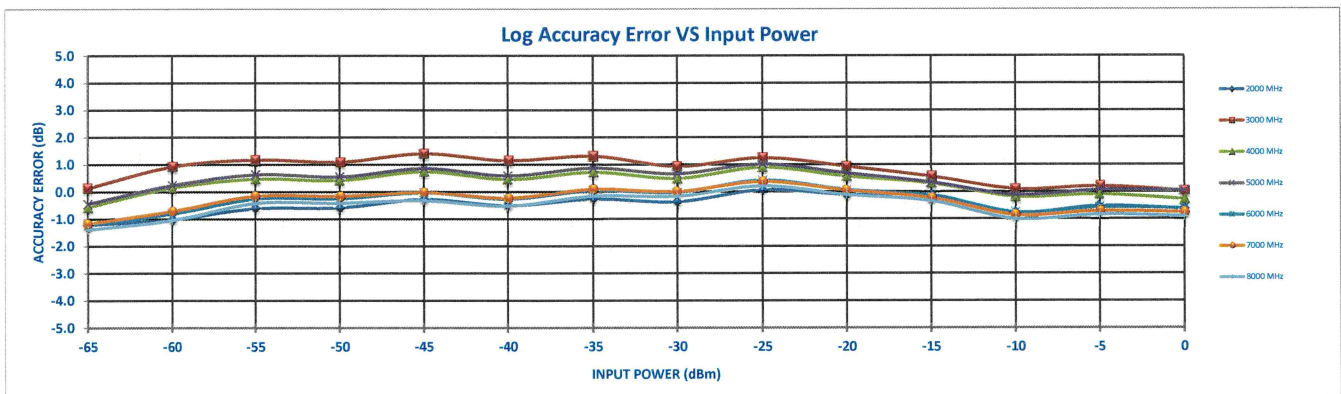
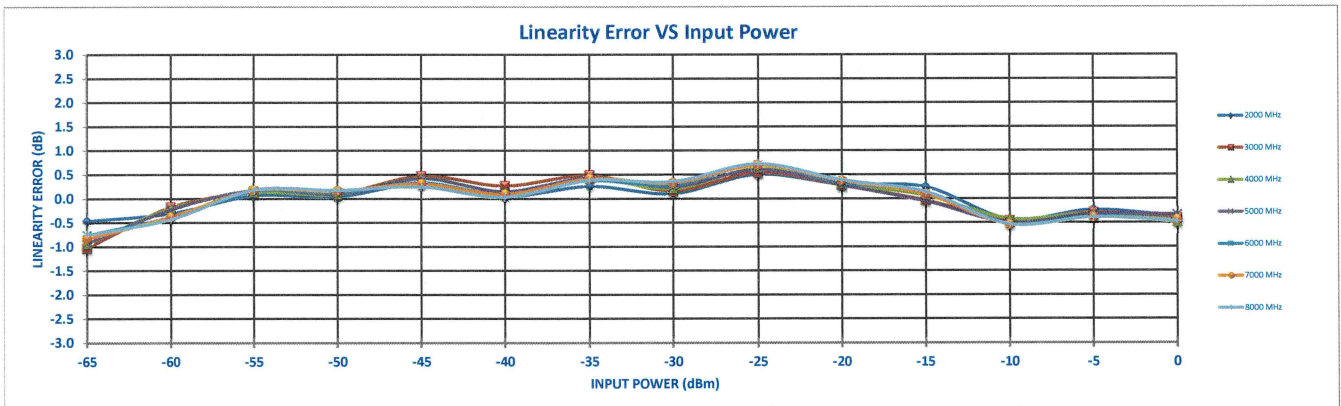
Test Temp: +85C



PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway STE 1
 TEL: 916-542-1401 FAX: 301-662-1731
 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

DC Offset= 0.068

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4786.9														Measured Value (mV)
	SLOPE (mV/dB)	68.69														Error (mV)
		290	644	1013	1355	1717	2042	2400	2733	3104	3433	3773	4070	4427	4761	LINEARITY ERROR (dB)
		-32	-21	4	3	21	3	17	7	34	20	16	-30	-16	-26	ACCURACY ERROR (dB)
		-0.47	-0.31	0.06	0.04	0.31	0.04	0.25	0.10	0.50	0.29	0.24	-0.44	-0.24	-0.38	
		-1.22	-1.02	-0.61	-0.60	-0.29	-0.52	-0.27	-0.38	0.06	-0.12	-0.13	-0.77	-0.54	-0.64	
3000 MHz	INTERCEPT (mV)	4834														Measured Value (mV)
	SLOPE (mV/dB)	67.42														Error (mV)
		382	777	1135	1470	1832	2155	2507	2822	3185	3504	3820	4129	4477	4806	LINEARITY ERROR (dB)
		-70	-12	9	7	32	18	33	11	36	18	-3	-31	-20	-28	ACCURACY ERROR (dB)
		-1.04	-0.18	0.13	0.10	0.47	0.26	0.48	0.16	0.54	0.27	-0.04	-0.46	-0.29	-0.41	
		0.13	0.93	1.18	1.09	1.40	1.14	1.30	0.92	1.25	0.93	0.56	0.09	0.20	0.02	
4000 MHz	INTERCEPT (mV)	4818.9														Measured Value (mV)
	SLOPE (mV/dB)	68.01														Error (mV)
		334	724	1087	1424	1787	2108	2467	2792	3161	3479	3803	4110	4457	4785	LINEARITY ERROR (dB)
		-64	-14	9	6	29	10	29	14	42	20	4	-29	-22	-34	ACCURACY ERROR (dB)
		-0.94	-0.21	0.13	0.09	0.42	0.14	0.42	0.20	0.62	0.30	0.06	-0.42	-0.32	-0.50	
		-0.57	0.15	0.47	0.42	0.74	0.45	0.71	0.48	0.89	0.56	0.31	-0.19	-0.10	-0.28	
5000 MHz	INTERCEPT (mV)	4830														Measured Value (mV)
	SLOPE (mV/dB)	68.07														Error (mV)
		342	730	1098	1433	1795	2117	2477	2804	3169	3487	3805	4115	4468	4807	LINEARITY ERROR (dB)
		-63	-16	12	7	28	10	30	16	41	18	-4	-34	-22	-23	ACCURACY ERROR (dB)
		-0.93	-0.23	0.18	0.10	0.42	0.15	0.43	0.24	0.60	0.27	-0.06	-0.50	-0.32	-0.34	
		-0.45	0.24	0.63	0.55	0.86	0.58	0.86	0.66	1.01	0.68	0.34	-0.11	0.07	0.04	
6000 MHz	INTERCEPT (mV)	4791.7														Measured Value (mV)
	SLOPE (mV/dB)	68.45														Error (mV)
		290	658	1037	1378	1734	2059	2421	2757	3128	3445	3773	4071	4424	4762	LINEARITY ERROR (dB)
		-52	-26	10	9	23	5	25	19	48	22	8	-36	-25	-30	ACCURACY ERROR (dB)
		-0.76	-0.39	0.15	0.13	0.33	0.08	0.37	0.28	0.70	0.33	0.12	-0.53	-0.37	-0.43	
		-1.22	-0.82	-0.26	-0.26	-0.04	-0.27	0.04	-0.03	0.41	0.06	-0.13	-0.76	-0.58	-0.62	
7000 MHz	INTERCEPT (mV)	4782.8														Measured Value (mV)
	SLOPE (mV/dB)	68.19														Error (mV)
		293	665	1044	1384	1735	2061	2424	2759	3125	3444	3766	4064	4415	4752	LINEARITY ERROR (dB)
		-57	-26	12	11	21	6	28	22	47	25	6	-37	-27	-31	ACCURACY ERROR (dB)
		-0.84	-0.38	0.17	0.16	0.31	0.09	0.41	0.32	0.69	0.37	0.09	-0.54	-0.39	-0.45	
		-1.17	-0.72	-0.16	-0.17	-0.02	-0.24	0.08	0.00	0.37	0.05	-0.23	-0.86	-0.71	-0.77	
8000 MHz	INTERCEPT (mV)	4774.6														Measured Value (mV)
	SLOPE (mV/dB)	68.39														Error (mV)
		278	642	1026	1367	1714	2041	2407	2747	3114	3433	3758	4054	4406	4742	LINEARITY ERROR (dB)
		-52	-29	13	12	17	2	26	24	49	26	9	-37	-27	-33	ACCURACY ERROR (dB)
		-0.75	-0.43	0.18	0.17	0.25	0.03	0.38	0.35	0.72	0.38	0.13	-0.54	-0.39	-0.48	
		-1.39	-1.05	-0.42	-0.42	-0.33	-0.53	-0.17	-0.18	0.21	-0.12	-0.35	-1.01	-0.84	-0.92	
Flatness	+/- dB	0.76	0.99	0.89	0.84	0.87	0.84	0.78	0.65	0.59	0.52	0.45	0.55	0.52	0.48	
-65dBm mV-Out		382	Max	278	Min											



LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-2G8G-65-70MV-2
 TESTED BY: DA
 DATE: 12-03-25
 SERIAL NO: PL56576-Bit

Test Temp: +25C



PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway STE 1
 TEL: 916-542-1401 FAX: 301-662-1731
 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

DC Offset= 0.023

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4774.9															Measured Value (mV)
	SLOPE (mV/dB)	69.67	251	595	942	1282	1644	1973	2335	2677	3060	3394	3751	4053	4423	4770	Error (mV)
			4	0	-1	-10	4	-15	-2	-8	27	12	21	-25	-4	-5	LINEARITY ERROR (dB)
			0.06	0.00	-0.02	-0.14	0.06	-0.22	-0.02	-0.11	0.38	0.18	0.30	-0.36	-0.05	-0.07	ACCURACY ERROR (dB)
			-0.77	-0.79	-0.78	-0.86	-0.62	-0.87	-0.63	-0.69	-0.15	-0.32	-0.16	-0.79	-0.44	-0.43	
3000 MHz	INTERCEPT (mV)	4819.7															Measured Value (mV)
	SLOPE (mV/dB)	68.64	333	703	1046	1380	1746	2072	2434	2761	3134	3459	3793	4104	4467	4814	Error (mV)
			-25	2	1	-8	15	-2	17	0	30	12	3	-29	-10	-6	LINEARITY ERROR (dB)
			-0.37	0.02	0.02	-0.11	0.22	-0.03	0.24	0.01	0.44	0.18	0.04	-0.43	-0.14	-0.08	ACCURACY ERROR (dB)
			0.42	0.77	0.73	0.56	0.85	0.56	0.80	0.53	0.92	0.62	0.45	-0.06	0.19	0.21	
4000 MHz	INTERCEPT (mV)	4805.1															Measured Value (mV)
	SLOPE (mV/dB)	68.99	304	669	1010	1345	1711	2036	2402	2736	3112	3436	3781	4092	4452	4794	Error (mV)
			-17	3	-1	-10	11	-9	12	1	32	11	11	-23	-9	-11	LINEARITY ERROR (dB)
			-0.24	0.05	-0.01	-0.15	0.15	-0.14	0.17	0.01	0.46	0.16	0.16	-0.34	-0.12	-0.16	ACCURACY ERROR (dB)
			0.00	0.28	0.21	0.05	0.34	0.04	0.34	0.16	0.60	0.29	0.27	-0.23	-0.02	-0.08	
5000 MHz	INTERCEPT (mV)	4819															Measured Value (mV)
	SLOPE (mV/dB)	69.19	308	673	1015	1350	1713	2039	2407	2746	3121	3445	3785	4098	4465	4820	Error (mV)
			-14	5	1	-10	8	-12	10	3	32	10	4	-29	-8	1	LINEARITY ERROR (dB)
			-0.20	0.08	0.02	-0.14	0.11	-0.18	0.14	0.04	0.46	0.14	0.06	-0.42	-0.12	0.01	ACCURACY ERROR (dB)
			0.06	0.34	0.28	0.12	0.37	0.09	0.41	0.31	0.73	0.42	0.33	-0.14	0.16	0.30	
6000 MHz	INTERCEPT (mV)	4780.3															Measured Value (mV)
	SLOPE (mV/dB)	69.35	266	619	966	1304	1662	1990	2358	2705	3084	3406	3756	4059	4423	4772	Error (mV)
			-7	0	0	-8	2	-16	5	5	37	13	16	-28	-11	-8	LINEARITY ERROR (dB)
			-0.09	0.00	0.00	-0.13	0.04	-0.24	0.07	0.07	0.54	0.18	0.23	-0.40	-0.15	-0.12	ACCURACY ERROR (dB)
			-0.55	-0.45	-0.43	-0.54	-0.36	-0.62	-0.30	-0.28	0.20	-0.15	-0.09	-0.71	-0.44	-0.40	
7000 MHz	INTERCEPT (mV)	4771.9															Measured Value (mV)
	SLOPE (mV/dB)	69.13	271	625	970	1307	1661	1990	2360	2706	3081	3404	3750	4051	4416	4763	Error (mV)
			-8	1	0	-9	0	-17	7	8	37	15	15	-30	-10	-9	LINEARITY ERROR (dB)
			-0.11	0.01	0.00	-0.13	0.00	-0.24	0.11	0.11	0.54	0.21	0.22	-0.43	-0.15	-0.13	ACCURACY ERROR (dB)
			-0.48	-0.36	-0.37	-0.50	-0.38	-0.62	-0.27	-0.27	0.15	-0.18	-0.17	-0.82	-0.54	-0.53	
8000 MHz	INTERCEPT (mV)	4762.9															Measured Value (mV)
	SLOPE (mV/dB)	69.16	263	613	960	1297	1647	1977	2349	2695	3069	3394	3743	4042	4408	4754	Error (mV)
			-4	0	1	-8	-4	-19	7	7	35	14	18	-29	-9	-9	LINEARITY ERROR (dB)
			-0.06	0.00	0.02	-0.11	-0.05	-0.28	0.10	0.10	0.51	0.21	0.25	-0.42	-0.13	-0.13	ACCURACY ERROR (dB)
			-0.59	-0.53	-0.51	-0.64	-0.58	-0.81	-0.43	-0.43	-0.02	-0.32	-0.28	-0.95	-0.66	-0.66	
Flatness		+/- dB	0.59	0.78	0.75	0.71	0.74	0.72	0.72	0.61	0.53	0.47	0.36	0.45	0.43	0.48	
-65dBm mV-Out	333	Max	251	Min													

