



**Tested By: Jim Hopson**

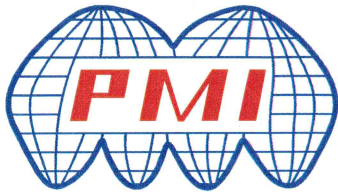
**Temperature: 0°C TO +85°C**

**Date 2/4/2025**

**Drawing No: 27637945**

Rev: A1

7311-F Grove Road Frederick, MD 21704 USA  
Phone: (301)662-5019 Fax: (301)662-1731  
Website: [www.pmi-rf.com](http://www.pmi-rf.com) Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



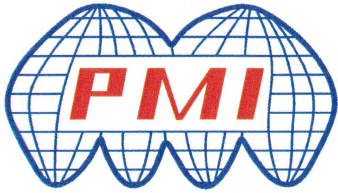
**Summary Data  
For  
EWDM-2G6G-65-70MV-1**

|    |                                   |                                              |                                |            |
|----|-----------------------------------|----------------------------------------------|--------------------------------|------------|
| 13 | SW Linear Gain                    | +7 dB MIN, 15 dB MAX                         | +13.85 dB MAX<br>+12.33 dB MIN | PMI<br>QA3 |
| 14 | SW Frequency Flatness:            | ±1.2 dB MAX                                  | ±0.79 dB                       |            |
| 15 | SW 1 dB Compression Point:        | +3 dBm MIN                                   | +6.8 dBm                       |            |
| 16 | SW Second Harmonic:               | -9 dBc MIN                                   | -21 dBc                        |            |
| 17 | SW Third Harmonic:                | -12 dBc MIN                                  | -36 dBc                        |            |
| 18 | VIDEO OUT TSS:                    | -71 dBm MAX                                  | -71 dBm                        |            |
| 19 | VIDEO OUT Dynamic Range:          | -65 to 0 dBm                                 | -65 to 0 dBm                   |            |
| 20 | VIDEO OUT Log Slope Fixed:        | 70 ± 3mV/dB                                  | 70.82/-69.09mv dB              |            |
| 21 | VIDEO OUT Log Linearity:          | ±0.75 dB MAX @ 4 GHZ                         | .17/- .16 dB                   |            |
| 22 | VIDEO OUT Log Accuracy:           | ±1.25 dB MAX                                 | 1.06/-1.07 dB                  |            |
| 23 | VIDEO OUT Absolute Log Accuracy:  | ±1.5 dB MAX                                  | 1.19/-1.16 dB                  |            |
| 24 | VIDEO OUT DC Offset:              | 0 ±70 mV (RF Input Terminated & DC Power On) | -30 mV                         |            |
| 25 | VIDEO OUT Rise Time (10% to 90%): | 25 ns TYP 28 ns MAX                          | 24 ns                          |            |
| 26 | VIDEO OUT Fall Time (90% to 10%): | 300 ns MAX                                   | 174.1 ns                       |            |
| 27 | VIDEO OUT Settling Time:          | 50 ns With in ±70 mV of final value, MAX     | < 50 ns                        |            |
| 28 | VIDEO OUT Recovery Time:          | 0.5 us MAX to within 1 dB of baseline        | 0.45 us                        |            |



**Summary Data  
For  
EWDM-2G6G-65-70MV-1**

|    |                                          |                                                                                                                      |                  |                        |
|----|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|------------------------|
| 29 | VIDEO OUT Video Frequency Flatness:      | $\pm 1.0$ dB MAX                                                                                                     | $\pm 1.15$ dB    | PMI<br>QA <sup>2</sup> |
| 30 | VIDEO OUT CW Immunity:                   | A. CW Immune Power TSS to -40 dBm Baseline Shift: 200 mV MAX                                                         | < 200 mV         |                        |
|    |                                          | B. Pulse Peak Amplitude Loss; 2 dB MAX                                                                               | < 2 dB           |                        |
|    |                                          |                                                                                                                      |                  |                        |
|    |                                          | CW Immunity Time at CW = -40 dBm, $\leq 4$ ms                                                                        | 1.8 ms           |                        |
|    |                                          | CW Recovery Time at CW = -40 dBm, $\leq 50$ us                                                                       | < 50 us          |                        |
| 31 | VIDEO OUT Pulse Response, input Signal:  | 100 ns to 300 us                                                                                                     | 100 ns to 300 us |                        |
| 32 | VIDEO OUT load Impedance:                | $75 \pm 1 \Omega$                                                                                                    | 75 $\Omega$      |                        |
| 33 | VIDEO OUT Video Output driver capability | 150 ft. RG11 into 75 ohm load                                                                                        | PASS             |                        |
| 34 | Pulse density capability:                | 10% duty cycle 100ns; 70% duty cycle 300us at peak power -10 dBm with 1 dB variable for pulse amplitude and baseline | PASS             |                        |
| 35 | VIDEO OUT Noise Level (Vp-p):            | 150 mV TYP                                                                                                           | < 150 mV         |                        |



**Summary Data**  
**For**  
**EWDM-2G6G-65-70MV-1**

|    |                                                          |                                           |                                  |            |
|----|----------------------------------------------------------|-------------------------------------------|----------------------------------|------------|
| 36 | Droop of the Output<br>Video Pulse @ 300us & -<br>65 dBm | 70mV (1 dB) MAX                           | < 70 mV                          | PMI<br>QA3 |
| 37 | VIDEO OUT<br>Propagation Delay:                          | 50 ns MAX Excluding cable                 | 40 ns                            |            |
| 38 | Power Supply                                             | +15 V @ 1000 mA MAX<br>-15 V @ 500 mA MAX | +15 V @ 630 mA<br>-15 V @ 130 mA |            |
| 39 | Power Supply Ripple<br>From DC to 10 MHz                 | 100 mV MAX                                | PASS                             |            |

QA/QC Approval: K. Klamm Date: 2-7-25





LOG TRANSFER WITH FREQUENCY  
MODEL: EWDm-2G6G-65-70MV-1  
TESTED BY: Anton L.  
MODEL: EWDm-2G6G-65-70MV-1  
SERIAL NO: PL42351  
DATE: 2/4/25

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

### Frequency

| RF Input Power (dbm) | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|

|          |                |        |
|----------|----------------|--------|
| 2000 MHz | INTERCEPT (mV) | 4834.3 |
|          | SLOPE (mV/dB)  | 70.821 |

|                      |       |       |       |       |       |       |      |      |      |      |      |       |      |       |
|----------------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|------|-------|
| Measured Value (mV)  | 246   | 589   | 923   | 1268  | 1645  | 1987  | 2362 | 2724 | 3078 | 3445 | 3781 | 4117  | 4480 | 4811  |
| Error (mV)           | 15    | 4     | -16   | -25   | -2    | -14   | 6    | 14   | 14   | 27   | 9    | -9    | 0    | -23   |
| LINEARITY ERROR (dB) | 0.21  | 0.06  | -0.23 | -0.36 | -0.03 | -0.20 | 0.09 | 0.20 | 0.20 | 0.38 | 0.13 | -0.13 | 0.00 | -0.33 |
| ACCURACY ERROR (dB)  | -0.27 | -0.34 | -0.53 | -0.57 | -0.14 | -0.22 | 0.17 | 0.38 | 0.47 | 0.76 | 0.59 | 0.42  | 0.65 | 0.41  |

|          |                |        |
|----------|----------------|--------|
| 3000 MHz | INTERCEPT (mV) | 4824.4 |
|          | SLOPE (mV/dB)  | 69.092 |

|                      |       |       |       |       |      |      |      |       |       |      |       |       |       |      |
|----------------------|-------|-------|-------|-------|------|------|------|-------|-------|------|-------|-------|-------|------|
| Measured Value (mV)  | 333   | 674   | 1022  | 1361  | 1729 | 2066 | 2417 | 2749  | 3090  | 3447 | 3785  | 4125  | 4476  | 4831 |
| Error (mV)           | 0     | -5    | -2    | -9    | 14   | 5    | 11   | -3    | -7    | 4    | -3    | -9    | -3    | 7    |
| LINEARITY ERROR (dB) | -0.01 | -0.07 | -0.03 | -0.13 | 0.20 | 0.08 | 0.16 | -0.04 | -0.10 | 0.06 | -0.04 | -0.12 | -0.04 | 0.10 |
| ACCURACY ERROR (dB)  | 0.98  | 0.88  | 0.89  | 0.77  | 1.06 | 0.91 | 0.96 | 0.74  | 0.65  | 0.78 | 0.65  | 0.54  | 0.59  | 0.70 |

|          |                |        |
|----------|----------------|--------|
| 4000 MHz | INTERCEPT (mV) | 4781.1 |
|          | SLOPE (mV/dB)  | 69.343 |

|                      |      |      |       |       |      |       |      |      |      |       |      |      |       |      |
|----------------------|------|------|-------|-------|------|-------|------|------|------|-------|------|------|-------|------|
| Measured Value (mV)  | 275  | 621  | 959   | 1303  | 1672 | 2007  | 2366 | 2701 | 3052 | 3385  | 3747 | 4088 | 4423  | 4785 |
| Error (mV)           | 1    | 1    | -8    | -11   | 11   | 0     | 12   | 0    | 4    | -9    | 6    | 0    | -11   | 4    |
| LINEARITY ERROR (dB) | 0.02 | 0.01 | -0.12 | -0.16 | 0.16 | -0.01 | 0.17 | 0.00 | 0.06 | -0.13 | 0.09 | 0.01 | -0.16 | 0.06 |
| ACCURACY ERROR (dB)  | 0.14 | 0.12 | -0.01 | -0.06 | 0.24 | 0.06  | 0.23 | 0.05 | 0.10 | -0.11 | 0.10 | 0.01 | -0.17 | 0.04 |

|          |                |        |
|----------|----------------|--------|
| 5000 MHz | INTERCEPT (mV) | 4769.5 |
|          | SLOPE (mV/dB)  | 69.473 |

|                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Measured Value (mV)  | 260   | 604   | 941   | 1286  | 1653  | 1986  | 2349  | 2685  | 3037  | 3361  | 3724  | 4078  | 4420  | 4779  |
| Error (mV)           | 6     | 3     | -8    | -10   | 10    | -5    | 11    | 0     | 4     | -19   | -3    | 3     | -2    | 9     |
| LINEARITY ERROR (dB) | 0.09  | 0.04  | -0.11 | -0.14 | 0.14  | -0.07 | 0.16  | 0.00  | 0.06  | -0.27 | -0.05 | 0.05  | -0.03 | 0.14  |
| ACCURACY ERROR (dB)  | -0.07 | -0.12 | -0.27 | -0.31 | -0.03 | -0.24 | -0.01 | -0.18 | -0.12 | -0.45 | -0.23 | -0.14 | -0.22 | -0.05 |

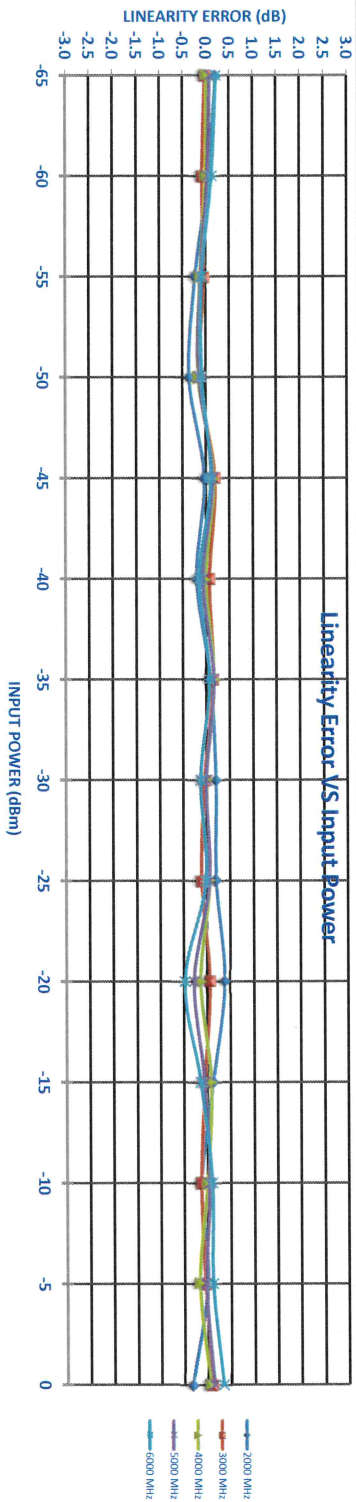
|          |                |        |
|----------|----------------|--------|
| 6000 MHz | INTERCEPT (mV) | 4744.7 |
|          | SLOPE (mV/dB)  | 69.671 |

|                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Measured Value (mV)  | 231   | 573   | 907   | 1255  | 1617  | 1948  | 2311  | 2646  | 3002  | 3318  | 3690  | 4055  | 4404  | 4768  |
| Error (mV)           | 15    | 9     | -6    | -6    | 8     | -10   | 5     | -9    | -1    | -33   | -10   | 7     | 8     | 23    |
| LINEARITY ERROR (dB) | 0.21  | 0.12  | -0.08 | -0.09 | 0.11  | -0.14 | 0.07  | -0.12 | -0.01 | -0.48 | -0.14 | 0.10  | 0.11  | 0.34  |
| ACCURACY ERROR (dB)  | -0.49 | -0.57 | -0.76 | -0.76 | -0.55 | -0.78 | -0.56 | -0.74 | -0.62 | -1.07 | -0.72 | -0.47 | -0.45 | -0.21 |

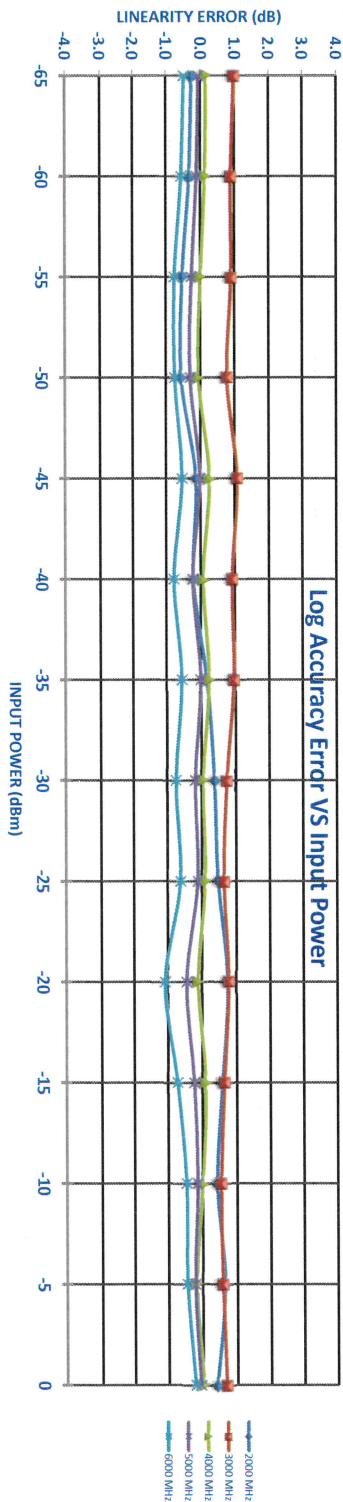
|          |        |
|----------|--------|
| Flatness | +/- dB |
|----------|--------|

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.73 | 0.73 | 0.83 | 0.76 | 0.81 | 0.85 | 0.76 | 0.74 | 0.63 | 0.93 | 0.68 | 0.50 | 0.55 | 0.45 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

### Linearity Error VS Input Power



### Log Accuracy Error VS Input Power







LOG TRANSFER WITH FREQUENCY  
MODEL: EWDM-2G6G-65-70MV-1  
TESTED BY: Anton L.  
MODEL: EWDM-2G6G-65-70MV-1  
SERIAL NO: PL42351  
DATE: 2/4/25

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

### Frequency

| RF Input Power (dbm) | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|

|          |                |        |
|----------|----------------|--------|
| 2000 MHz | INTERCEPT (mV) | 4766.3 |
|          | SLOPE (mV/dB)  | 71.018 |

|                      |       |       |       |       |       |       |       |      |      |      |      |      |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|
| Measured Value (mV)  | 158   | 480   | 852   | 1203  | 1557  | 1905  | 2279  | 2674 | 3042 | 3386 | 3728 | 4062 | 4387  | 4702  |
| Error (mV)           | 8     | -25   | -8    | -12   | -13   | -21   | -2    | 38   | 51   | 40   | 27   | 6    | -24   | -64   |
| LINEARITY ERROR (dB) | 0.11  | -0.36 | -0.12 | -0.17 | -0.19 | -0.29 | -0.02 | 0.54 | 0.72 | 0.56 | 0.38 | 0.08 | -0.34 | -0.91 |
| ACCURACY ERROR (dB)  | -0.39 | -0.79 | -0.47 | -0.46 | -0.40 | -0.43 | -0.09 | 0.56 | 0.81 | 0.73 | 0.61 | 0.39 | 0.03  | -0.47 |

|          |                |        |
|----------|----------------|--------|
| 3000 MHz | INTERCEPT (mV) | 4748   |
|          | SLOPE (mV/dB)  | 68.793 |

|                      |       |       |       |      |      |       |      |      |      |      |      |       |       |       |
|----------------------|-------|-------|-------|------|------|-------|------|------|------|------|------|-------|-------|-------|
| Measured Value (mV)  | 234   | 615   | 962   | 1308 | 1668 | 1995  | 2362 | 2712 | 3059 | 3389 | 3718 | 4052  | 4388  | 4709  |
| Error (mV)           | -42   | -5    | -2    | 0    | 16   | -1    | 22   | 28   | 31   | 17   | 2    | -8    | -16   | -39   |
| LINEARITY ERROR (dB) | -0.62 | -0.08 | -0.03 | 0.00 | 0.23 | -0.02 | 0.32 | 0.40 | 0.45 | 0.25 | 0.03 | -0.12 | -0.23 | -0.57 |
| ACCURACY ERROR (dB)  | 0.70  | 1.14  | 1.10  | 1.04 | 1.19 | 0.86  | 1.10 | 1.10 | 1.06 | 0.77 | 0.47 | 0.24  | 0.04  | -0.37 |

|          |                |        |
|----------|----------------|--------|
| 4000 MHz | INTERCEPT (mV) | 4697.8 |
|          | SLOPE (mV/dB)  | 69.243 |

|                      |       |       |       |      |      |       |      |      |      |       |       |       |       |       |
|----------------------|-------|-------|-------|------|------|-------|------|------|------|-------|-------|-------|-------|-------|
| Measured Value (mV)  | 178   | 522   | 886   | 1238 | 1589 | 1925  | 2287 | 2649 | 3011 | 3323  | 3660  | 3993  | 4331  | 4672  |
| Error (mV)           | -19   | -31   | -3    | 2    | 7    | -3    | 13   | 28   | 44   | 10    | 1     | -12   | -21   | -26   |
| LINEARITY ERROR (dB) | -0.27 | -0.31 | -0.05 | 0.03 | 0.10 | -0.04 | 0.18 | 0.41 | 0.64 | 0.14  | 0.01  | -0.18 | -0.30 | -0.37 |
| ACCURACY ERROR (dB)  | -0.10 | -0.19 | 0.01  | 0.04 | 0.06 | -0.14 | 0.03 | 0.20 | 0.37 | -0.17 | -0.36 | -0.60 | -0.77 | -0.90 |

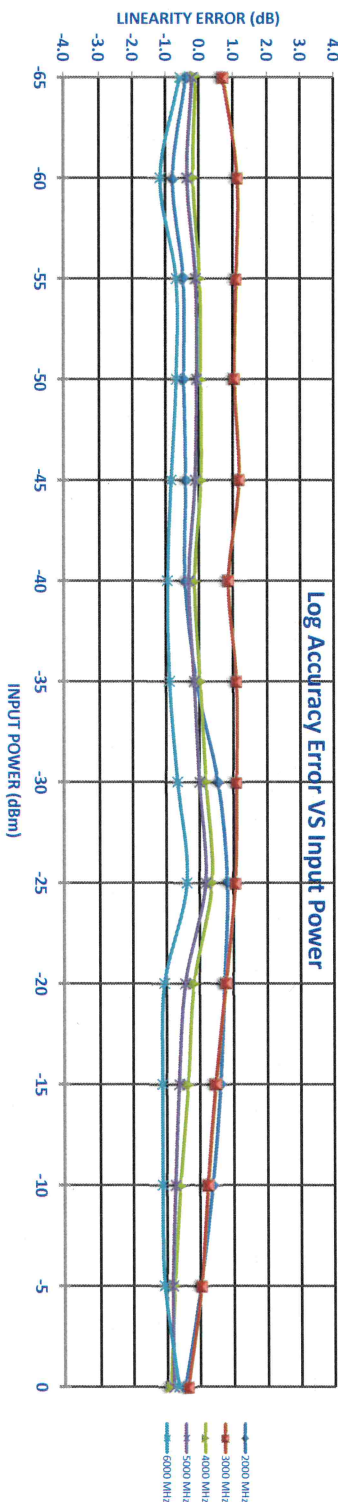
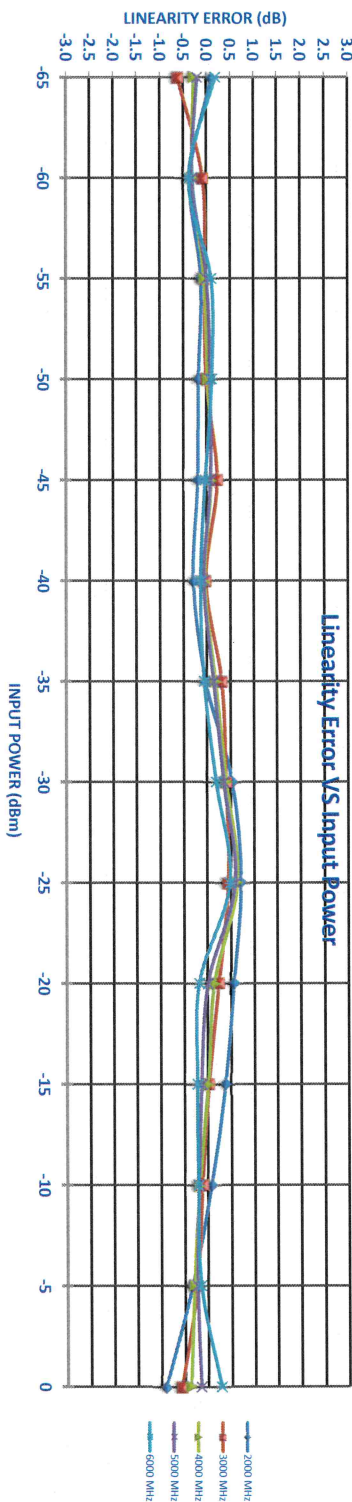
|          |                |        |
|----------|----------------|--------|
| 5000 MHz | INTERCEPT (mV) | 4689.5 |
|          | SLOPE (mV/dB)  | 69.303 |

|                      |       |       |       |       |       |       |       |      |      |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|
| Measured Value (mV)  | 171   | 510   | 878   | 1230  | 1577  | 1913  | 2274  | 2635 | 2998 | 3304  | 3641  | 3983  | 4327  | 4679  |
| Error (mV)           | -14   | -21   | 0     | 6     | 6     | -4    | 10    | 25   | 41   | 1     | -9    | -13   | -16   | -10   |
| LINEARITY ERROR (dB) | -0.20 | -0.31 | 0.00  | 0.08  | 0.09  | -0.06 | 0.15  | 0.35 | 0.59 | 0.01  | -0.13 | -0.19 | -0.23 | -0.15 |
| ACCURACY ERROR (dB)  | -0.20 | -0.36 | -0.10 | -0.07 | -0.11 | -0.31 | -0.16 | 0.00 | 0.19 | -0.44 | -0.63 | -0.74 | -0.83 | -0.80 |

|          |                |        |
|----------|----------------|--------|
| 6000 MHz | INTERCEPT (mV) | 4669.6 |
|          | SLOPE (mV/dB)  | 69.811 |

|                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Measured Value (mV)  | 145   | 454   | 837   | 1187  | 1526  | 1868  | 2222  | 2589  | 2958  | 3261  | 3607  | 3957  | 4310  | 4689  |
| Error (mV)           | 13    | -27   | 7     | 8     | -2    | -9    | -4    | 14    | 34    | -12   | -15   | -14   | -11   | 19    |
| LINEARITY ERROR (dB) | 0.19  | -0.39 | 0.10  | 0.11  | -0.03 | -0.13 | -0.06 | 0.20  | 0.48  | -0.18 | -0.22 | -0.21 | -0.15 | 0.28  |
| ACCURACY ERROR (dB)  | -0.57 | -1.16 | -0.69 | -0.69 | -0.84 | -0.96 | -0.90 | -0.66 | -0.39 | -1.06 | -1.11 | -1.11 | -1.07 | -0.66 |

|          |        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Flatness | +/- dB | 0.64 | 1.15 | 0.89 | 0.86 | 1.01 | 0.91 | 1.00 | 0.88 | 0.72 | 0.91 | 0.86 | 0.75 | 0.56 | 0.26 |
|----------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|







LOG TRANSFER WITH FREQUENCY  
MODEL: EWDM-2G6G-65-70MV  
TESTED BY: Anton L.  
MODEL: EWDM-2G6G-65-70MV-1  
SERIAL NO: PL42351  
DATE: 2/4/25

Test Temp: 0C

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

### Frequency

| -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|

RF Input Power (dBm)

|          |                |        |
|----------|----------------|--------|
| 2000 MHz | INTERCEPT (mV) | 4827.8 |
|          | SLOPE (mV/dB)  | 70.877 |

|                      |       |
|----------------------|-------|
| Measured Value (mV)  | 242   |
| Error (mV)           | 5     |
| LINEARITY ERROR (dB) | 0.30  |
| ACCURACY ERROR (dB)  | -0.11 |

|          |                |        |
|----------|----------------|--------|
| 3000 MHz | INTERCEPT (mV) | 4817.5 |
|          | SLOPE (mV/dB)  | 69.087 |

|                      |      |
|----------------------|------|
| Measured Value (mV)  | 329  |
| Error (mV)           | -2   |
| LINEARITY ERROR (dB) | 0.03 |
| ACCURACY ERROR (dB)  | 1.13 |

|          |                |        |
|----------|----------------|--------|
| 4000 MHz | INTERCEPT (mV) | 4774.3 |
|          | SLOPE (mV/dB)  | 69.33  |

|                      |      |
|----------------------|------|
| Measured Value (mV)  | 274  |
| Error (mV)           | 1    |
| LINEARITY ERROR (dB) | 0.09 |
| ACCURACY ERROR (dB)  | 0.34 |

|          |                |        |
|----------|----------------|--------|
| 5000 MHz | INTERCEPT (mV) | 4765   |
|          | SLOPE (mV/dB)  | 69.478 |

|                      |      |
|----------------------|------|
| Measured Value (mV)  | 259  |
| Error (mV)           | 5    |
| LINEARITY ERROR (dB) | 0.14 |
| ACCURACY ERROR (dB)  | 0.13 |

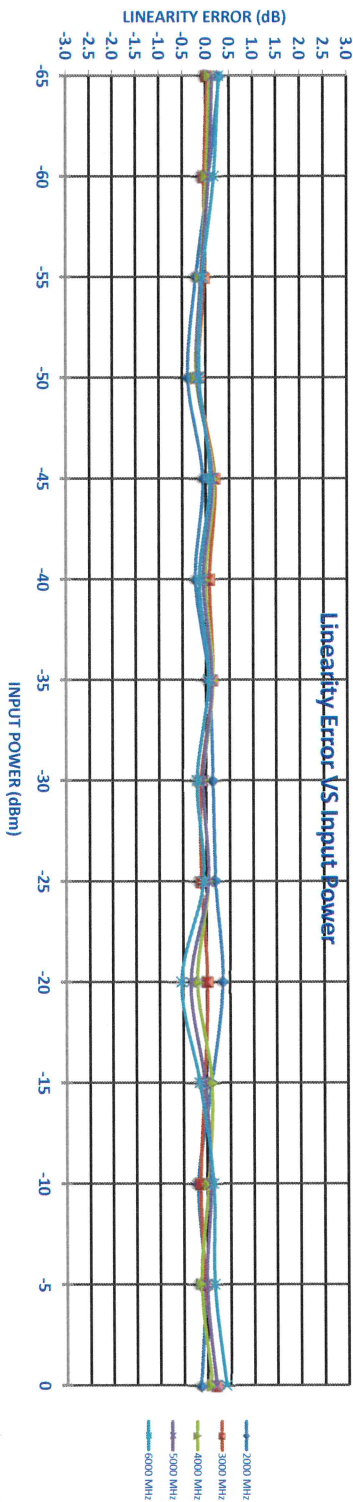
|          |                |        |
|----------|----------------|--------|
| 6000 MHz | INTERCEPT (mV) | 4739.2 |
|          | SLOPE (mV/dB)  | 69.591 |

|                      |       |
|----------------------|-------|
| Measured Value (mV)  | 235   |
| Error (mV)           | 19    |
| LINEARITY ERROR (dB) | 0.28  |
| ACCURACY ERROR (dB)  | -0.22 |

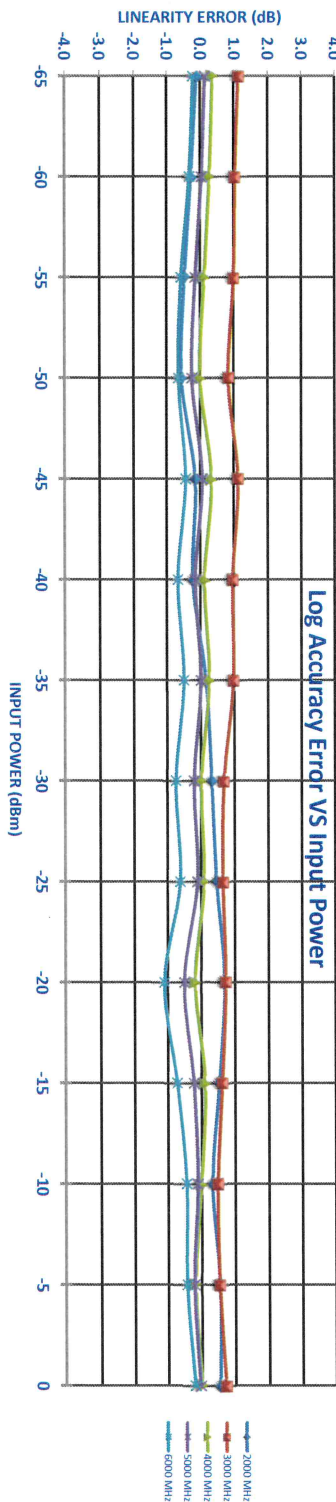
Flatness

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.67 | 0.67 | 0.78 | 0.74 | 0.77 | 0.81 | 0.73 | 0.71 | 0.63 | 0.91 | 0.67 | 0.46 | 0.49 | 0.46 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

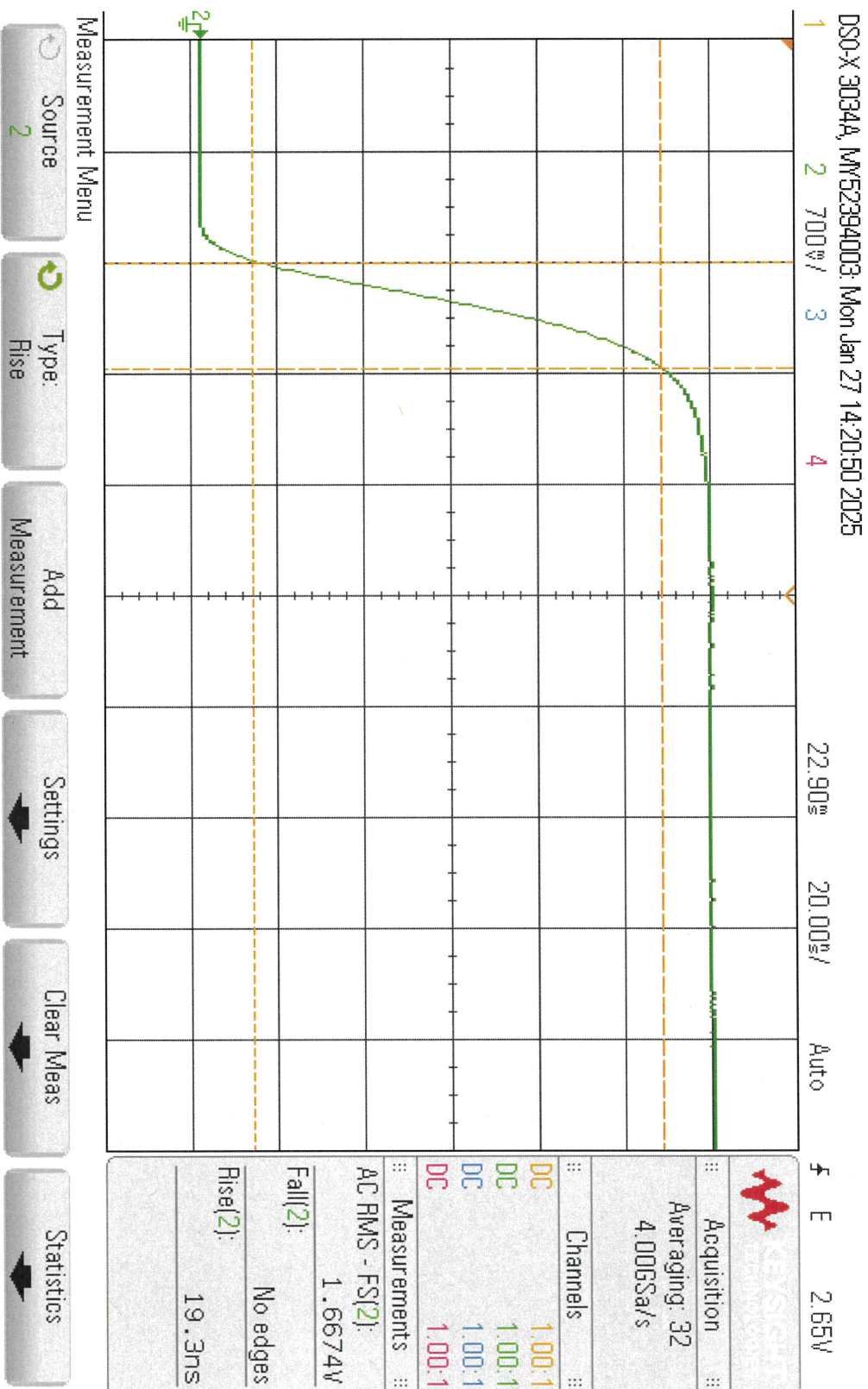
### Linearity Error VS Input Power



### Log Accuracy Error VS Input Power

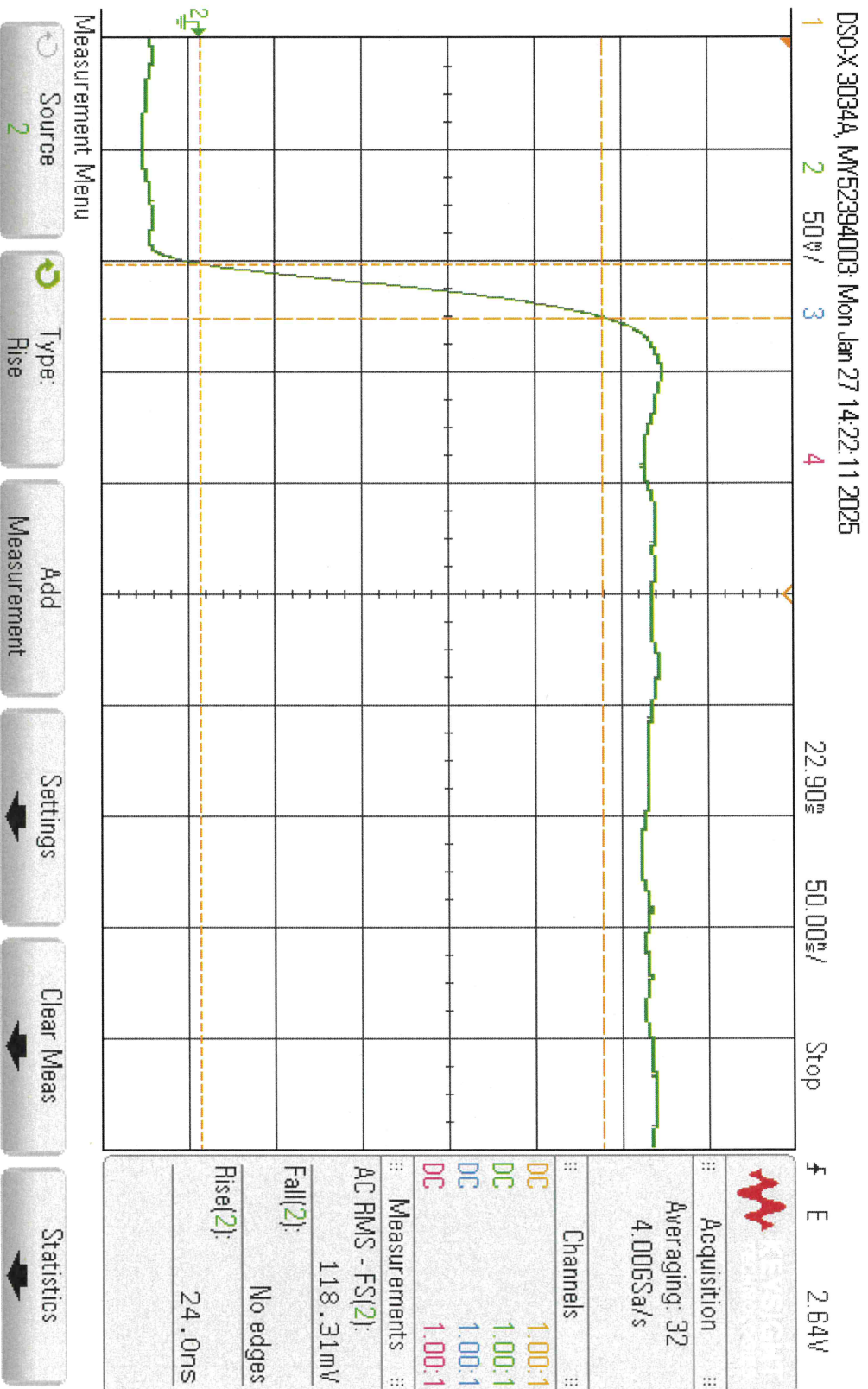


PL42351  
settle





PL42351  
Rise Time

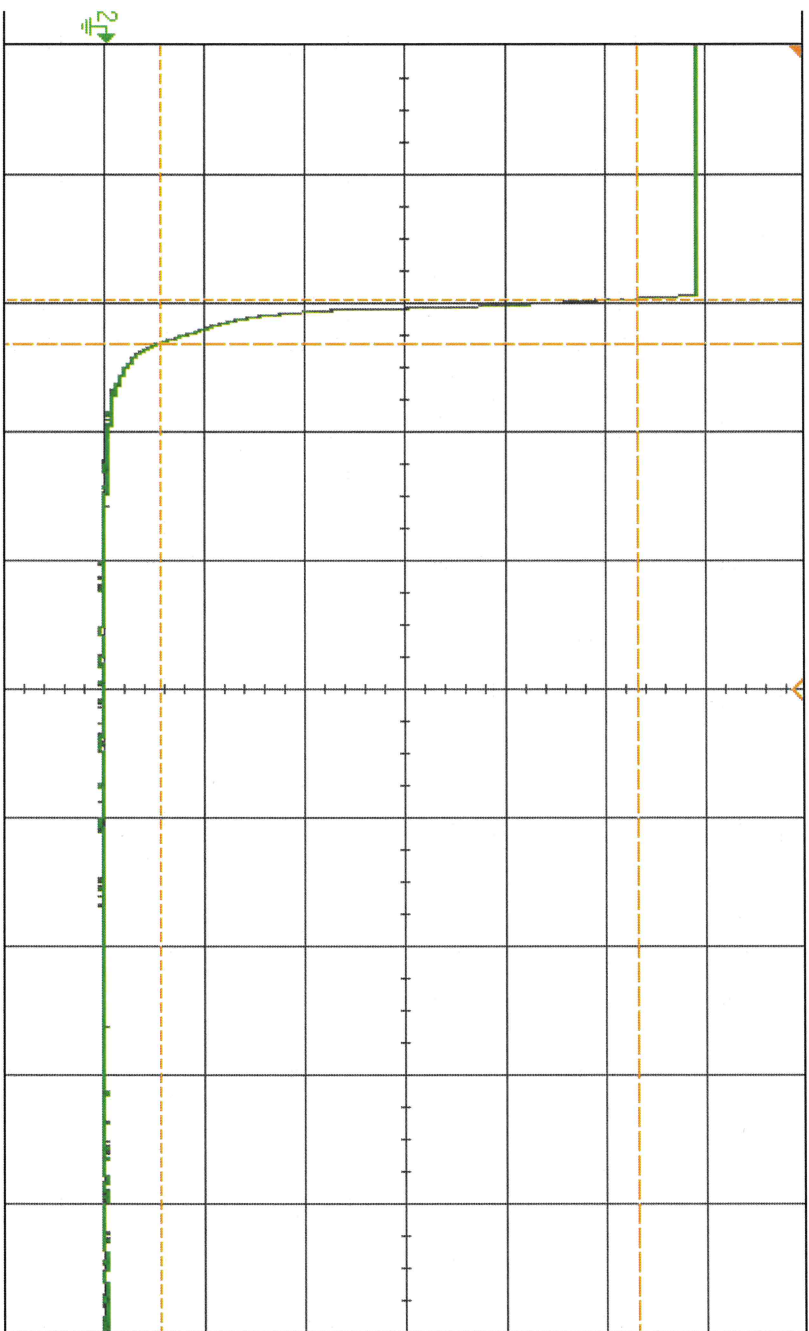


PL42351  
Recovery/Fall Time

DSO-X 3034A, MW52394003, Mon Jan 27 14:19:30 2025

1 2 700% / 3 4

22.95m 500.0ns / Auto f E 2.65V



Acquire Menu

Acq Mode Averaging

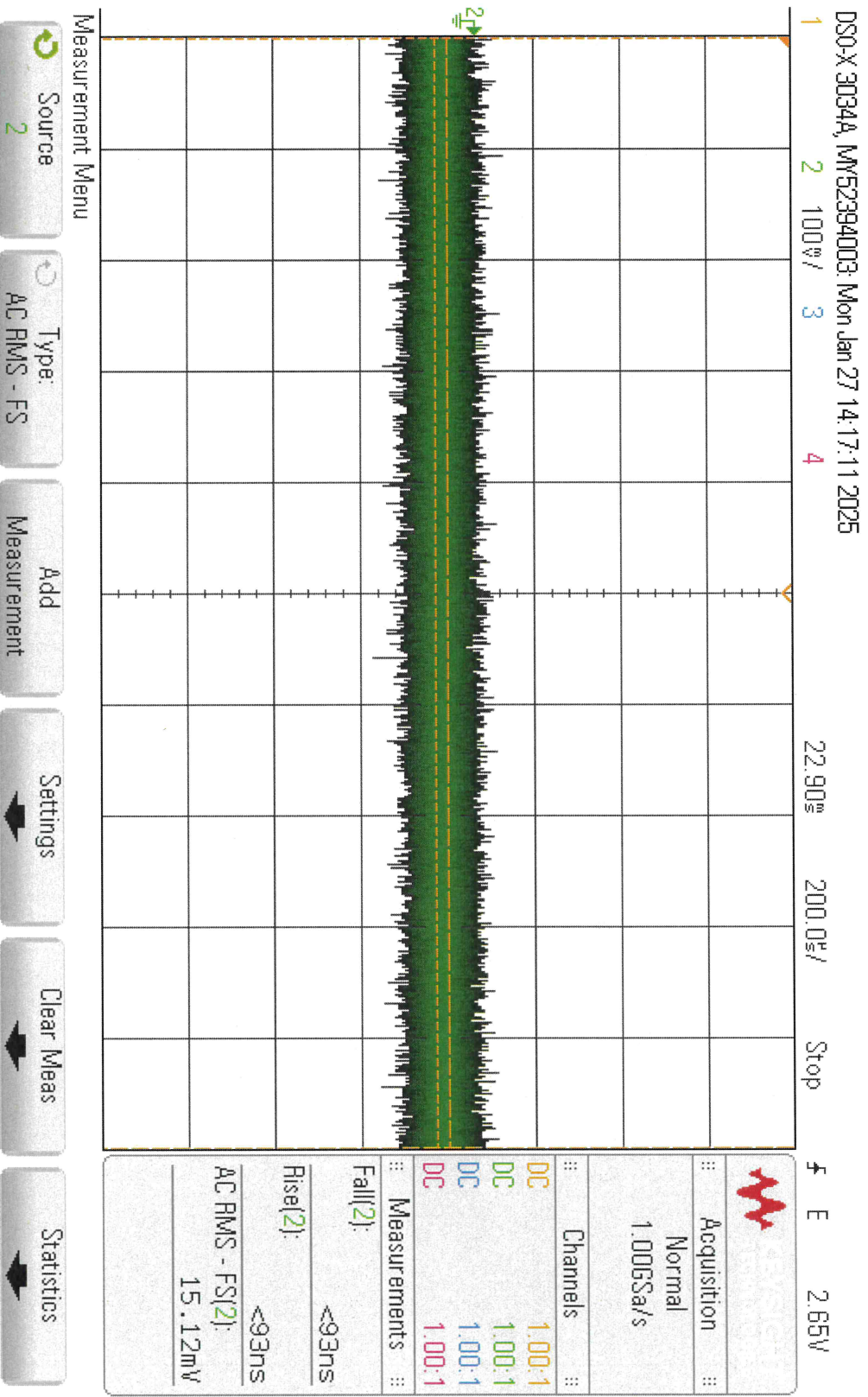
# Avgs 32

Segmented

|                 |           |  |
|-----------------|-----------|--|
| Acquisition     |           |  |
| Averaging:      | 32        |  |
|                 | 4.00GSa/s |  |
| Channels        |           |  |
| DC              | 1.00:1    |  |
| DC              | 1.00:1    |  |
| DC              | 1.00:1    |  |
| DC              | 1.00:1    |  |
| Measurements    |           |  |
| Rise(2):        | No edges  |  |
| AC RMS - FS(2): | 1.6556V   |  |
| Fall(2):        | 174.1ns   |  |



PL42351.  
Rms noise



PL42351

TSS -71

DSO-X 3034A, MW52394003, Mon Jan 27 14:17:49 2025

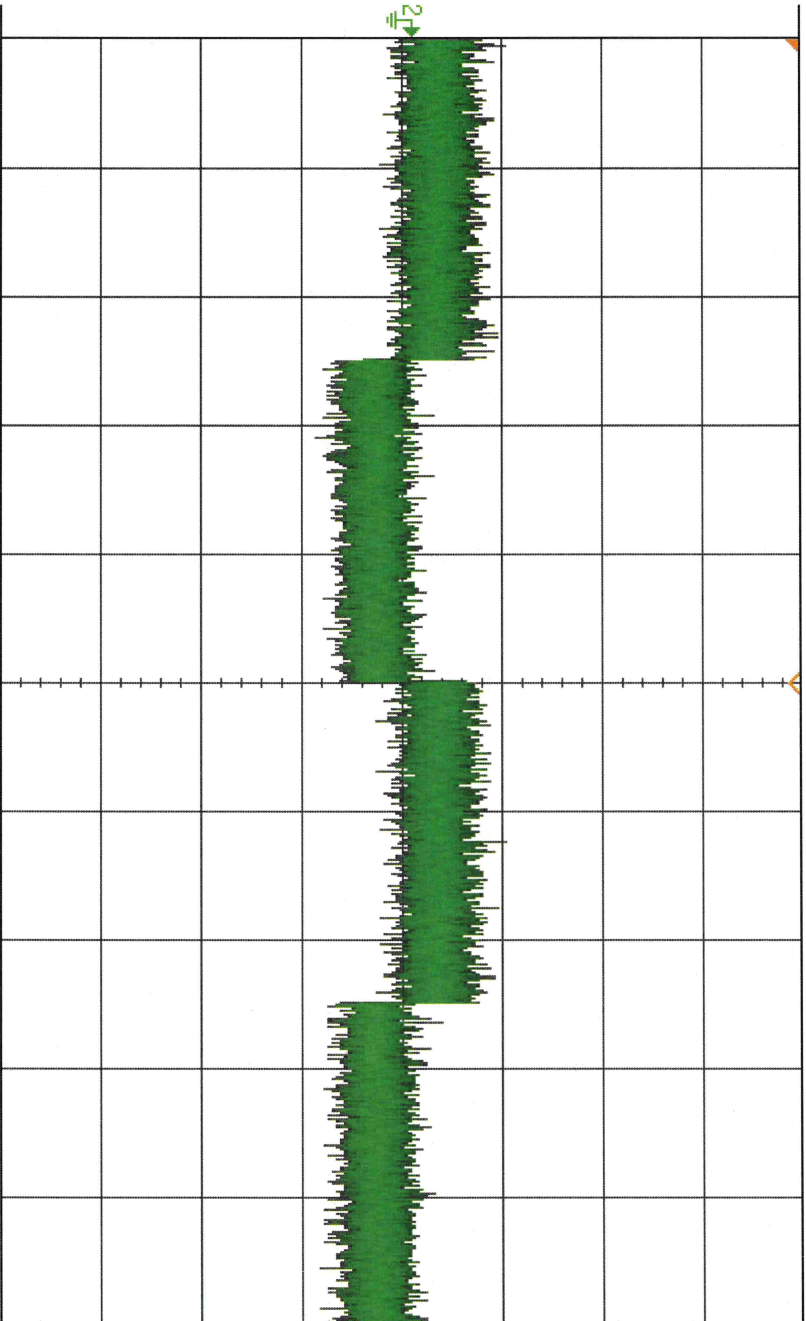
1 2 100% / 3 4

22.90s

20.00s /

Auto

f E 2.65V



**KEYSIGHT**  
TECHNOLOGIES

Acquisition Normal  
4.00GSa/s

| Channels |        |
|----------|--------|
| DC       | 1.00:1 |
| DC       | 1.00:1 |
| DC       | 1.00:1 |
| DC       | 1.00:1 |

Cursors Menu

Mode  
Off

To turn on cursors, press the [Cursors] key on the front panel.

PL42351  
CW Immune

DSO-X 3034A, MM52394003: Mon Jan 27 14:26:53 2025

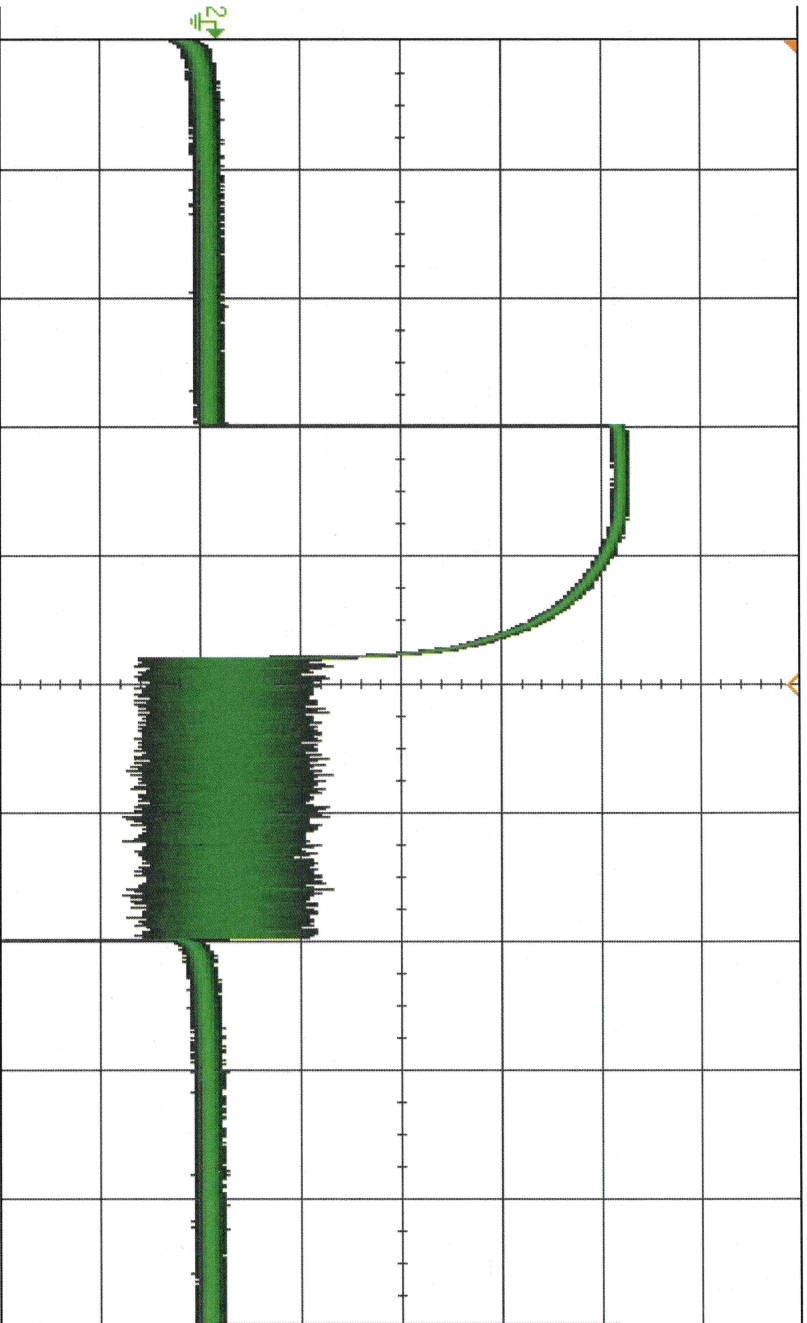
1 2 500V/ 3 4

23.02ms

1.000ms/

Auto

f E 2.64V



|                          |             |             |           |
|--------------------------|-------------|-------------|-----------|
| KEYSIGHT<br>TECHNOLOGIES | Acquisition | Peak Detect | 50.0MSa/s |
| Channels                 | 1.00:1      | 1.00:1      | 1.00:1    |
| DC                       | DC          | DC          | DC        |

Cursors Menu

Mode  
Off

To turn on cursors, press the [Cursors] key on the front panel.



PL42351  
cw Recovery

DSO-X 3034A, MY62394003: Mon Jan 27 14:27:54 2025

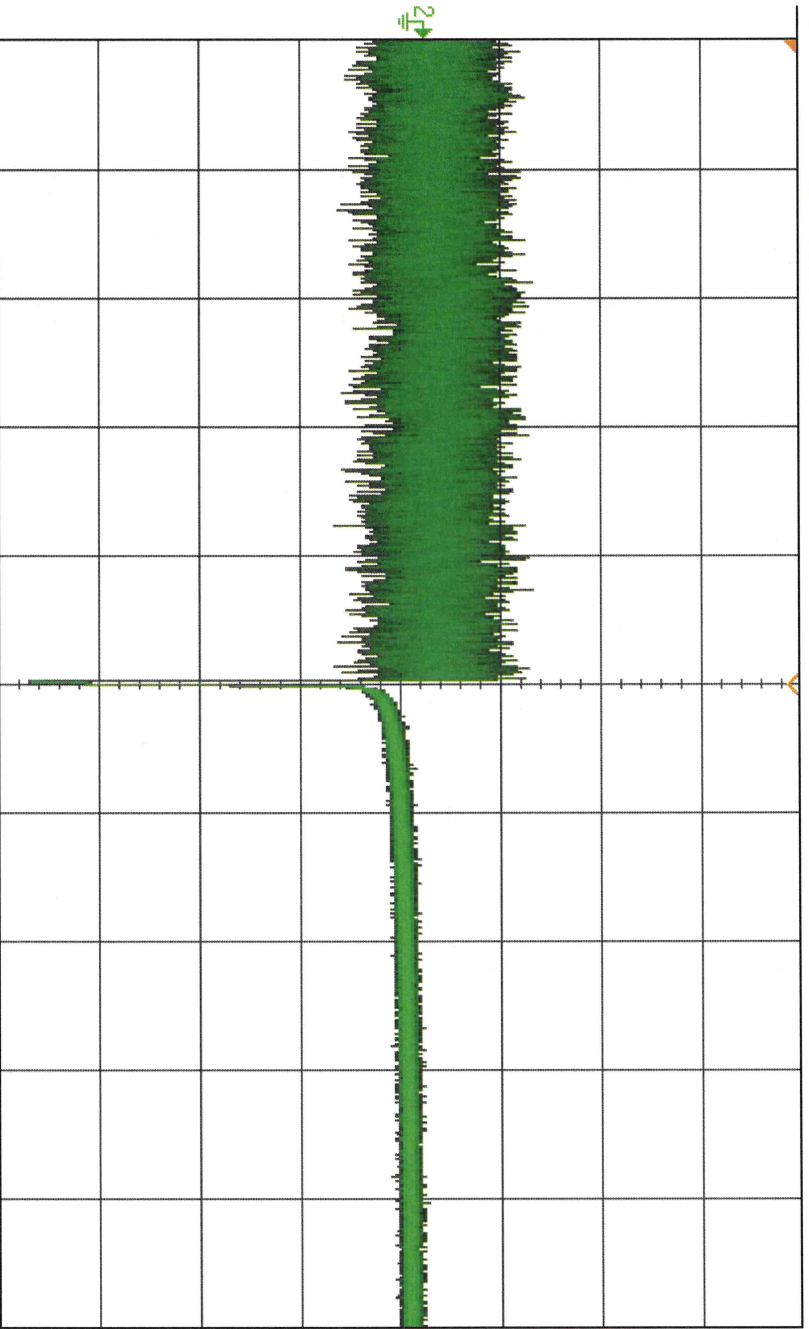
1 2 500% / 3 4

25.00ms

50.00% /

Auto

f E 2.64V



|             |        |    |
|-------------|--------|----|
| Acquisition | :      | :  |
| Peak Detect | :      | :  |
| 4.00GSa/s   | :      | :  |
| Channels    | :      | :  |
| DC          | 1.00:1 | DC |
| DC          | 1.00:1 | DC |
| DC          | 1.00:1 | DC |
| DC          | 1.00:1 | DC |

Save to file = pl42351\_cw\_recovery

Save

Recall

Default/Erase

Press to Save