



**SUMMARY TEST DATA  
ON  
SDLVA-6G18G-CD-2-OPT218**

PL42578/2342

Customer: \_\_\_\_\_ Tested By: RCombs  
SO No: \_\_\_\_\_ Temperature: +25° C  
Model No: SDLVA-6G18G-CD-2-OPT218 Date: 3/30/2023  
Serial No: PL42578/2342 Drawing No: 27623906 Rev: A1

| TEST ITEM NO. | PARAMETERS     | SPECIFIED VALUE                                | TEST RESULTS                    | QA QC      |
|---------------|----------------|--|---------------------------------|------------|
| 1             | Frequency:     | 2.0 GHz – 18.0 GHz                             | 2.0 GHz – 18.0 GHz<br>See Plots | PMI<br>QA2 |
| 2             | Flatness:      | ± 2.0 dB Maximum                               | ±1.2 dB 25°C<br>See Plots       |            |
| 3             | TSS:           | -70 dBm Minimum                                | -72 dBm                         |            |
| 4             | VSWR:          | 2.0:1<br>(Input)                               | 1.8:1<br>(Input)                |            |
| 5             | Power Input:   | +17 dBm CW Maximum                             | Pass                            |            |
| 6             | RF Out:        | +13 dBm ±3 dB Typical                          | 13.14 dBm Avg.                  |            |
| 7             | Log Slope:     | 25 mV/dB (±10%) 50Ω                            | 25 mV/dB<br>See Plots           |            |
| 8             | Log Range:     | -70 to +5 dBm                                  | -70 to +5 dBm<br>See Plots      |            |
| 9             | Log Linearity: | ±2.5 dB (-40°C - +85°C)                        | ±1.7 dB<br>See Plots            |            |
| 10            | Pulse Range:   | 30 ns to CW                                    | Pass                            |            |
| 11            | Rise Time:     | 10 ns (6 ns Typical)                           | 6.3 ns                          |            |
| 12            | Recovery Time: | 60 ns Typical                                  | 58.5                            |            |
| 13            | DC Supply:     | +15V or +12V @ 350 mA<br>-15V or -12V @ 180 mA | +12V @ 263 mA<br>-12V @ 98 mA   | PMI<br>QA2 |

QA/QC Approval:  PMI QA2 Date: 10/31/2023



# SUMMARY TEST DATA ON SDLVA-6G18G-CD-2-OPT218

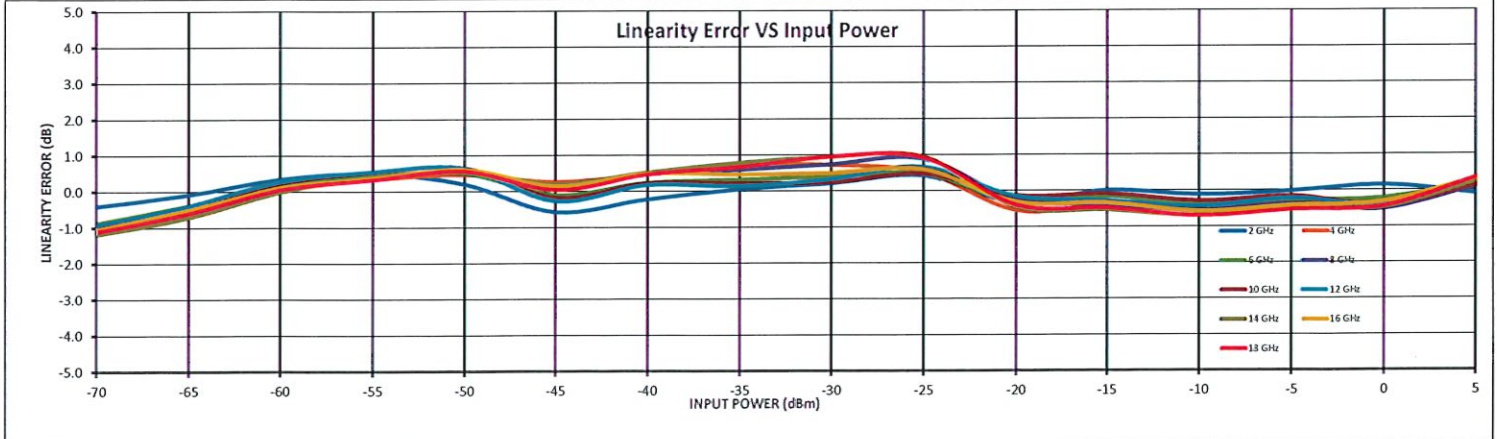
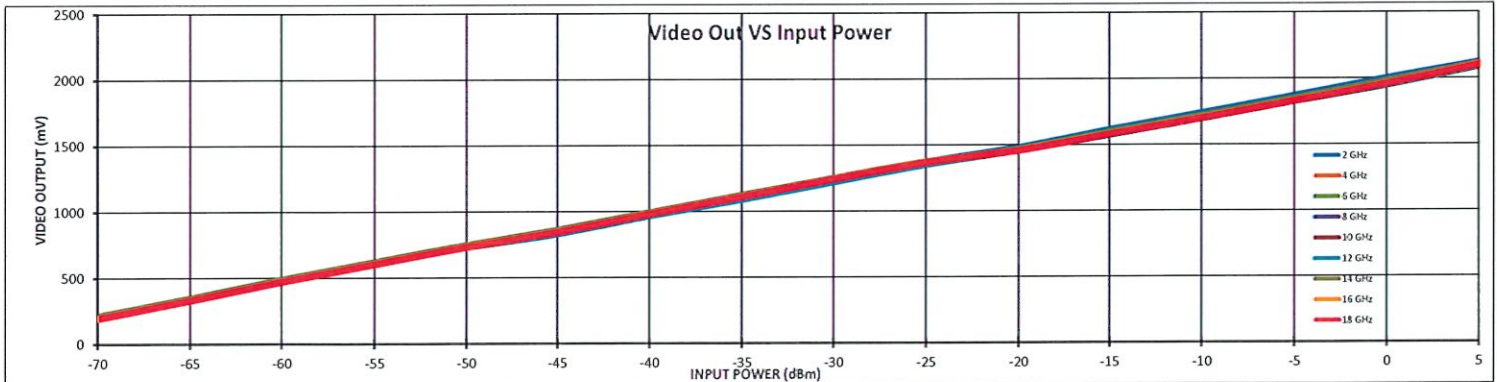
PL42578/2342



Model: SDLVA-6G18G-CD-2-OPT218  
 Serial No: PL42578/2342  
 Date: 3/30/2023  
 Tested By: RCombs  
 Test Temp: +25°C

## Log Transfer Over Frequency +25°C

| Frequency            | INTERCEPT (mV) | SLOPE (mV/dB) | LIN. ERR. (dB) | -70   | -65   | -60   | -55  | -50  | -45   | -40   | -35  | -30  | -25  | -20   | -15   | -10   | -5    | 0     | 5     | RF Input Power (dBm) |                      |
|----------------------|----------------|---------------|----------------|-------|-------|-------|------|------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|----------------------|----------------------|
| 2 GHz                | 2000           | 25.4          | 0.6            | 210   | 346   | 484   | 615  | 734  | 842   | 978   | 1112 | 1243 | 1375 | 1483  | 1619  | 1743  | 1872  | 2004  | 2125  | Measured Value (mV)  |                      |
|                      |                |               |                | -10   | -2    | 9     | 13   | 5    | -15   | -6    | 1    | 5    | 11   | -9    | 0     | -3    | -1    | 4     | -2    |                      | Error (mV)           |
|                      |                |               |                | -0.40 | -0.09 | 0.34  | 0.50 | 0.20 | -0.58 | -0.22 | 0.05 | 0.21 | 0.42 | -0.34 | 0.00  | -0.12 | -0.03 | 0.15  | -0.09 |                      | LINEARITY ERROR (dB) |
| 4 GHz                | 1984           | 25.0          | 1.0            | 209   | 346   | 486   | 618  | 746  | 866   | 997   | 1128 | 1252 | 1372 | 1471  | 1599  | 1720  | 1851  | 1978  | 2114  | Measured Value (mV)  |                      |
|                      |                |               |                | -26   | -14   | 1     | 8    | 12   | 6     | 12    | 19   | 18   | 13   | -14   | -10   | -14   | -9    | -6    | 5     |                      | Error (mV)           |
|                      |                |               |                | -1.02 | -0.57 | 0.03  | 0.33 | 0.46 | 0.25  | 0.48  | 0.75 | 0.71 | 0.51 | -0.55 | -0.40 | -0.57 | -0.35 | -0.24 | 0.19  |                      | LINEARITY ERROR (dB) |
| 6 GHz                | 1980           | 25.1          | 0.9            | 202   | 340   | 480   | 611  | 738  | 849   | 982   | 1110 | 1237 | 1365 | 1471  | 1599  | 1719  | 1848  | 1974  | 2110  | Measured Value (mV)  |                      |
|                      |                |               |                | -22   | -10   | 5     | 11   | 13   | -2    | 6     | 8    | 10   | 12   | -7    | -4    | -10   | -7    | -5    | 4     |                      | Error (mV)           |
|                      |                |               |                | -0.87 | -0.39 | 0.21  | 0.44 | 0.50 | -0.10 | 0.23  | 0.31 | 0.40 | 0.47 | -0.29 | -0.17 | -0.40 | -0.27 | -0.22 | 0.16  |                      | LINEARITY ERROR (dB) |
| 8 GHz                | 1962           | 24.8          | 1.2            | 195   | 333   | 474   | 605  | 735  | 847   | 980   | 1108 | 1236 | 1363 | 1459  | 1580  | 1700  | 1829  | 1949  | 2089  | Measured Value (mV)  |                      |
|                      |                |               |                | -29   | -15   | 2     | 8    | 15   | 2     | 12    | 15   | 18   | 22   | -8    | -9    | -14   | -9    | -13   | 2     |                      | Error (mV)           |
|                      |                |               |                | -1.17 | -0.60 | 0.06  | 0.34 | 0.58 | 0.10  | 0.47  | 0.59 | 0.74 | 0.88 | -0.26 | -0.38 | -0.56 | -0.37 | -0.52 | 0.09  |                      | LINEARITY ERROR (dB) |
| 10 GHz               | 1951           | 24.9          | 1.0            | 193   | 331   | 472   | 604  | 731  | 835   | 970   | 1094 | 1219 | 1350 | 1459  | 1585  | 1704  | 1832  | 1950  | 2089  | Measured Value (mV)  |                      |
|                      |                |               |                | -24   | -10   | 6     | 13   | 16   | -5    | 5     | 5    | 6    | 12   | -3    | -2    | -8    | -4    | -11   | 3     |                      | Error (mV)           |
|                      |                |               |                | -0.97 | -0.40 | 0.24  | 0.53 | 0.65 | -0.18 | 0.22  | 0.21 | 0.24 | 0.47 | -0.14 | -0.09 | -0.30 | -0.17 | -0.42 | 0.13  |                      | LINEARITY ERROR (dB) |
| 12 GHz               | 1955           | 24.8          | 0.9            | 196   | 333   | 474   | 605  | 731  | 832   | 967   | 1090 | 1219 | 1351 | 1455  | 1576  | 1696  | 1825  | 1945  | 2087  | Measured Value (mV)  |                      |
|                      |                |               |                | -23   | -10   | 7     | 14   | 16   | -7    | 4     | 3    | 8    | 16   | -4    | -7    | -11   | -6    | -10   | 8     |                      | Error (mV)           |
|                      |                |               |                | -0.92 | -0.39 | 0.28  | 0.55 | 0.64 | -0.27 | 0.17  | 0.14 | 0.33 | 0.66 | -0.15 | -0.29 | -0.44 | -0.23 | -0.40 | 0.33  |                      | LINEARITY ERROR (dB) |
| 14 GHz               | 1985           | 24.6          | 1.2            | 212   | 346   | 487   | 620  | 747  | 862   | 993   | 1122 | 1249 | 1372 | 1461  | 1582  | 1701  | 1830  | 1953  | 2094  | Measured Value (mV)  |                      |
|                      |                |               |                | -29   | -18   | 0     | 10   | 13   | 5     | 13    | 19   | 23   | 23   | -11   | -13   | -17   | -12   | -12   | 6     |                      | Error (mV)           |
|                      |                |               |                | -1.19 | -0.72 | -0.01 | 0.41 | 0.54 | 0.20  | 0.52  | 0.78 | 0.94 | 0.94 | -0.45 | -0.54 | -0.70 | -0.48 | -0.48 | 0.24  |                      | LINEARITY ERROR (dB) |
| 16 GHz               | 1972           | 25.1          | 1.1            | 189   | 328   | 469   | 601  | 732  | 846   | 980   | 1105 | 1232 | 1360 | 1462  | 1587  | 1707  | 1836  | 1964  | 2106  | Measured Value (mV)  |                      |
|                      |                |               |                | -26   | -13   | 3     | 9    | 15   | 4     | 12    | 11   | 12   | 15   | -8    | -9    | -15   | -11   | -8    | 8     |                      | Error (mV)           |
|                      |                |               |                | -1.05 | -0.51 | 0.11  | 0.36 | 0.60 | 0.15  | 0.48  | 0.46 | 0.50 | 0.59 | -0.32 | -0.34 | -0.58 | -0.43 | -0.32 | 0.31  |                      | LINEARITY ERROR (dB) |
| 18 GHz               | 1965           | 24.9          | 1.1            | 192   | 329   | 470   | 602  | 732  | 844   | 979   | 1109 | 1241 | 1365 | 1456  | 1579  | 1698  | 1827  | 1954  | 2098  | Measured Value (mV)  |                      |
|                      |                |               |                | -28   | -15   | 1     | 8    | 14   | 1     | 12    | 17   | 24   | 23   | -10   | -12   | -13   | -13   | -11   | 8     |                      | Error (mV)           |
|                      |                |               |                | -1.11 | -0.60 | 0.05  | 0.33 | 0.55 | 0.04  | 0.47  | 0.66 | 0.95 | 0.91 | -0.41 | -0.49 | -0.71 | -0.54 | -0.45 | 0.34  |                      | LINEARITY ERROR (dB) |
| Avg. Slope: 25 mV/dB |                |               |                | 0.5   | 0.4   | 0.4   | 0.4  | 0.3  | 0.7   | 0.6   | 0.8  | 0.7  | 0.5  | 0.6   | 0.9   | 0.9   | 0.9   | 1.2   | 0.8   | Flatness dB: ±1.2 dB |                      |





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PL42578/2342

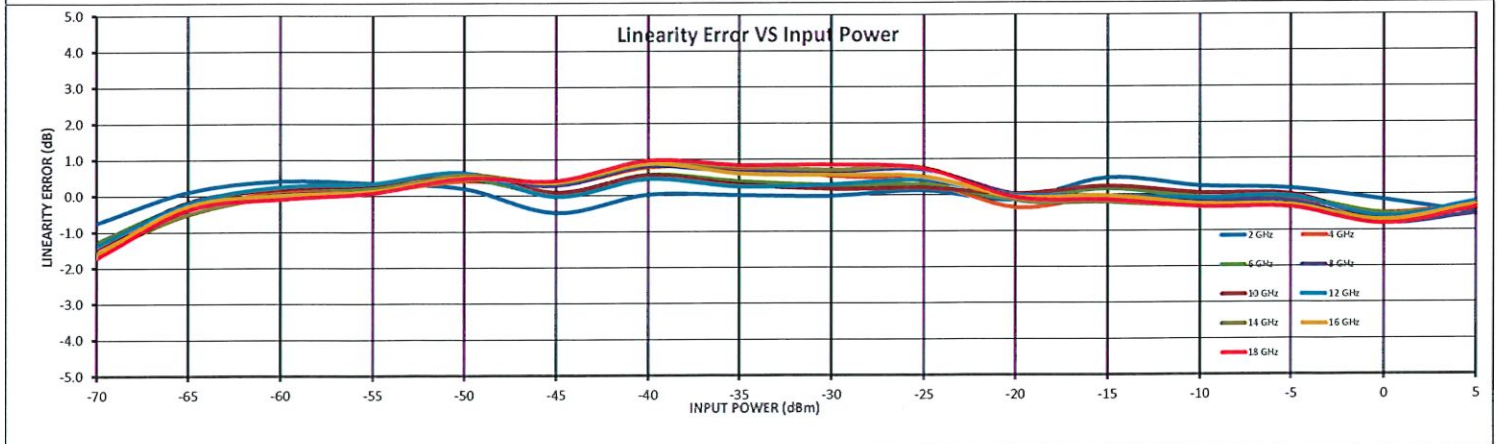
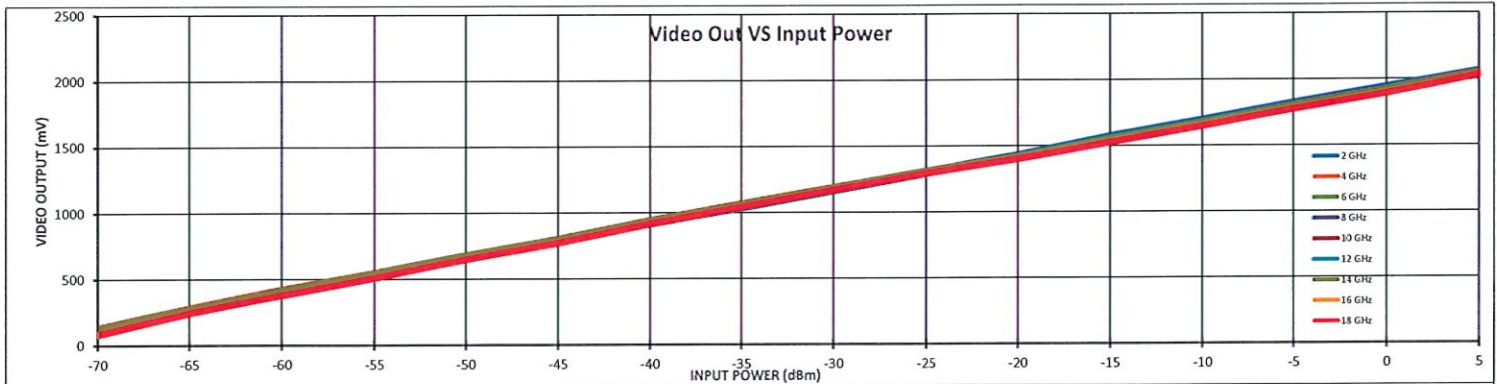


Model: SDLVA-6G18G-CD-2-OPT218  
 Serial No: PL42578/2342  
 Date: 3/30/2023  
 Tested By: RCombs  
 Test Temp: +85°C

## Log Transfer Over Frequency +85°C

| Frequency | INTERCEPT (mV) | SLOPE (mV/dB) | LIN. ERR. (dB) | -70   | -65   | -60   | -55  | -50  | -45   | -40  | -35  | -30   | -25  | -20   | -15   | -10   | -5    | 0     | 5     | RF Input Power (dBm) |                      |
|-----------|----------------|---------------|----------------|-------|-------|-------|------|------|-------|------|------|-------|------|-------|-------|-------|-------|-------|-------|----------------------|----------------------|
| 2 GHz     | 1953           | 25.7          | 0.8            | 138   | 288   | 424   | 551  | 675  | 786   | 927  | 1055 | 1183  | 1315 | 1436  | 1580  | 1702  | 1829  | 1949  | 2067  | Measured Value (mV)  |                      |
|           |                |               |                | -19   | 3     | 11    | 9    | 5    | -12   | 0    | 0    | 0     | 3    | -4    | 12    | 6     | 4     | -4    | -14   | -14                  | Error (mV)           |
|           |                |               |                | -0.75 | 0.11  | 0.41  | 0.35 | 0.20 | -0.48 | 0.02 | 0.01 | -0.02 | 0.12 | -0.14 | 0.46  | 0.24  | 0.17  | -0.15 | -0.54 | -0.54                | LINEARITY ERROR (dB) |
| 4 GHz     | 1938           | 25.2          | 1.3            | 137   | 288   | 426   | 553  | 686  | 809   | 948  | 1073 | 1194  | 1316 | 1424  | 1558  | 1679  | 1808  | 1925  | 2056  | Measured Value (mV)  |                      |
|           |                |               |                | -34   | -9    | 2     | 3    | 10   | 7     | 20   | 19   | 13    | 9    | -9    | -1    | -6    | -3    | -13   | -8    | -8                   | Error (mV)           |
|           |                |               |                | -1.34 | -0.37 | 0.09  | 0.12 | 0.40 | 0.28  | 0.78 | 0.74 | 0.53  | 0.38 | -0.36 | -0.04 | -0.25 | -0.14 | -0.52 | -0.31 | -0.31                | LINEARITY ERROR (dB) |
| 6 GHz     | 1932           | 25.3          | 1.3            | 125   | 279   | 416   | 544  | 677  | 793   | 933  | 1055 | 1179  | 1305 | 1422  | 1556  | 1677  | 1804  | 1919  | 2050  | Measured Value (mV)  |                      |
|           |                |               |                | -33   | -5    | 5     | 6    | 12   | 2     | 15   | 10   | 7     | 7    | -3    | 4     | -2    | -2    | -14   | -9    | -9                   | Error (mV)           |
|           |                |               |                | -1.29 | -0.21 | 0.21  | 0.22 | 0.47 | 0.06  | 0.57 | 0.39 | 0.28  | 0.27 | -0.12 | 0.17  | -0.08 | -0.07 | -0.53 | -0.35 | -0.35                | LINEARITY ERROR (dB) |
| 8 GHz     | 1916           | 25.2          | 1.6            | 108   | 266   | 402   | 531  | 666  | 787   | 927  | 1049 | 1175  | 1302 | 1411  | 1536  | 1659  | 1785  | 1895  | 2028  | Measured Value (mV)  |                      |
|           |                |               |                | -41   | -9    | 1     | 3    | 13   | 7     | 20   | 16   | 16    | 18   | 0     | -1    | -5    | -3    | -20   | -14   | -14                  | Error (mV)           |
|           |                |               |                | -1.62 | -0.37 | 0.03  | 0.12 | 0.50 | 0.28  | 0.81 | 0.65 | 0.64  | 0.70 | 0.02  | -0.03 | -0.18 | -0.19 | -0.80 | -0.55 | -0.55                | LINEARITY ERROR (dB) |
| 10 GHz    | 1913           | 25.3          | 1.4            | 104   | 262   | 398   | 528  | 663  | 775   | 914  | 1034 | 1157  | 1284 | 1407  | 1539  | 1660  | 1786  | 1895  | 2029  | Measured Value (mV)  |                      |
|           |                |               |                | -37   | -5    | 5     | 8    | 16   | 2     | 14   | 8    | 4     | 5    | 1     | 6     | 1     | 0     | -17   | -10   | -10                  | Error (mV)           |
|           |                |               |                | -1.45 | -0.18 | 0.19  | 0.31 | 0.63 | 0.09  | 0.56 | 0.30 | 0.17  | 0.19 | 0.03  | 0.23  | 0.04  | -0.01 | -0.69 | -0.41 | -0.41                | LINEARITY ERROR (dB) |
| 12 GHz    | 1908           | 25.1          | 1.4            | 113   | 269   | 406   | 534  | 667  | 776   | 914  | 1034 | 1161  | 1290 | 1405  | 1530  | 1654  | 1781  | 1893  | 2029  | Measured Value (mV)  |                      |
|           |                |               |                | -35   | -5    | 6     | 9    | 16   | -1    | 12   | 6    | 7     | 10   | 0     | -1    | -3    | -1    | -16   | -5    | -5                   | Error (mV)           |
|           |                |               |                | -1.39 | -0.20 | 0.25  | 0.34 | 0.64 | -0.03 | 0.46 | 0.24 | 0.30  | 0.41 | -0.01 | -0.03 | -0.10 | -0.06 | -0.62 | -0.21 | -0.21                | LINEARITY ERROR (dB) |
| 14 GHz    | 1918           | 25.1          | 1.6            | 124   | 276   | 414   | 543  | 679  | 799   | 937  | 1061 | 1184  | 1310 | 1413  | 1537  | 1659  | 1785  | 1899  | 2036  | Measured Value (mV)  |                      |
|           |                |               |                | -40   | -13   | 0     | 4    | 14   | 9     | 22   | 20   | 18    | 19   | -4    | -5    | -8    | -8    | -19   | -8    | -8                   | Error (mV)           |
|           |                |               |                | -1.59 | -0.51 | -0.01 | 0.15 | 0.57 | 0.36  | 0.87 | 0.79 | 0.70  | 0.75 | -0.15 | -0.21 | -0.33 | -0.31 | -0.76 | -0.30 | -0.30                | LINEARITY ERROR (dB) |
| 16 GHz    | 1922           | 25.6          | 1.6            | 90    | 252   | 387   | 518  | 656  | 781   | 921  | 1042 | 1169  | 1295 | 1409  | 1538  | 1660  | 1787  | 1904  | 2043  | Measured Value (mV)  |                      |
|           |                |               |                | -41   | -7    | 0     | 3    | 13   | 10    | 23   | 15   | 14    | 13   | -2    | -1    | -7    | -8    | -18   | -8    | -8                   | Error (mV)           |
|           |                |               |                | -1.60 | -0.29 | 0.01  | 0.12 | 0.50 | 0.38  | 0.89 | 0.60 | 0.55  | 0.50 | -0.06 | -0.03 | -0.26 | -0.30 | -0.72 | -0.30 | -0.30                | LINEARITY ERROR (dB) |
| 18 GHz    | 1912           | 25.5          | 1.7            | 81    | 243   | 378   | 510  | 648  | 773   | 916  | 1040 | 1168  | 1292 | 1399  | 1525  | 1648  | 1775  | 1891  | 2030  | Measured Value (mV)  |                      |
|           |                |               |                | -44   | -10   | -2    | 2    | 12   | 10    | 25   | 21   | 21    | 19   | -2    | -4    | -9    | -9    | -21   | -10   | -10                  | Error (mV)           |
|           |                |               |                | -1.72 | -0.38 | -0.09 | 0.08 | 0.48 | 0.40  | 0.97 | 0.83 | 0.84  | 0.73 | -0.08 | -0.15 | -0.35 | -0.36 | -0.83 | -0.38 | -0.38                | LINEARITY ERROR (dB) |

Avg. Slope: 25.3 mV/dB      1.1   0.9   0.9   0.8   0.8   0.7   0.7   0.8   0.7   0.6   0.7   1.1   1.1   1.1   1.1   0.8   Flatness dB: ±1.1 dB





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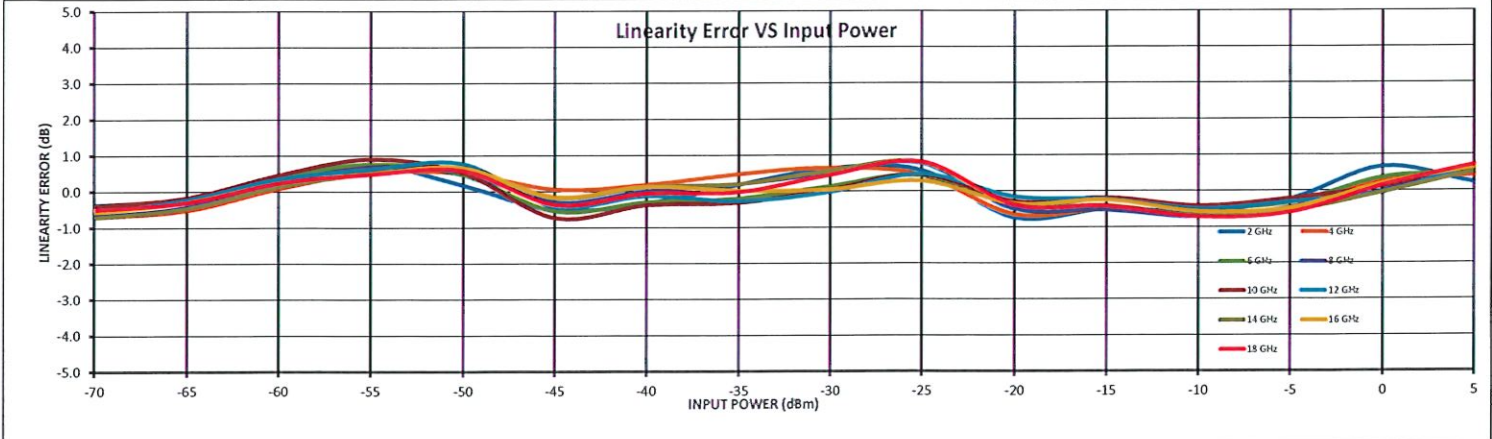
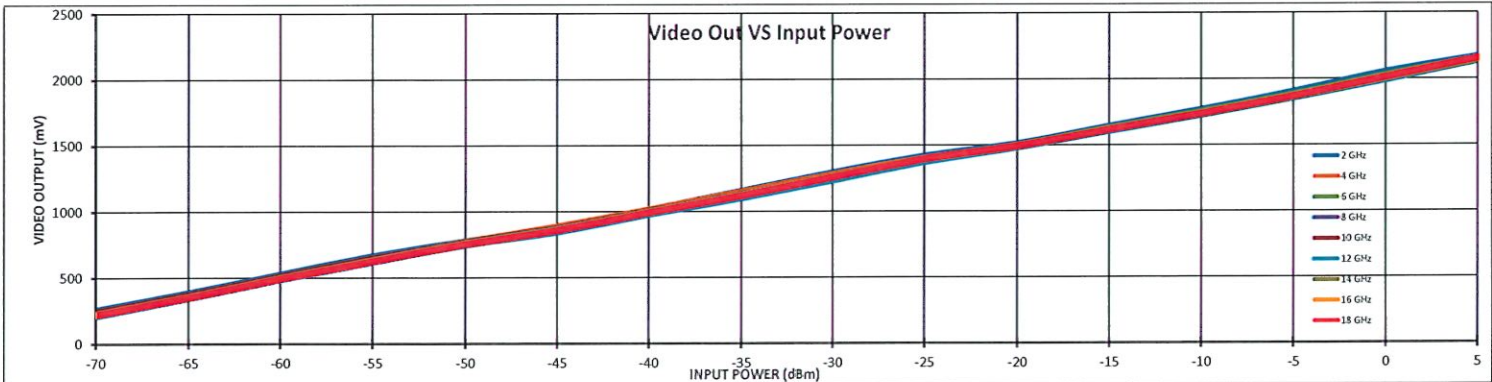
PL42578/2342



Model: SDLVA-6G18G-CD-2-OPT218  
Serial No: PL42578/2342  
Date: 3/30/2023  
Tested By: RCombs  
Test Temp: -40°C

## Log Transfer Over Frequency -40°C

| Frequency              | INTERCEPT (mV) | SLOPE (mV/dB) | LIN. ERR. (dB) | -70   | -65   | -60  | -55  | -50  | -45   | -40   | -35   | -30   | -25  | -20   | -15   | -10   | -5    | 0     | 5    | RF Input Power (dBm) |
|------------------------|----------------|---------------|----------------|-------|-------|------|------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|----------------------|
| 2 GHz                  | 2037           | 25.2          | 0.8            | 261   | 391   | 530  | 668  | 779  | 888   | 1019  | 1158  | 1296  | 1421 | 1514  | 1646  | 1770  | 1905  | 2054  | 2169 | Measured Value (mV)  |
|                        |                |               |                | -9    | -5    | 7    | 19   | 4    | -13   | -8    | 5     | 16    | 15   | -19   | -13   | -14   | -6    | 17    | 6    | ERROR (mV)           |
|                        |                |               |                | -0.37 | -0.21 | 0.29 | 0.75 | 0.17 | -0.51 | -0.33 | 0.18  | 0.63  | 0.57 | -0.74 | -0.50 | -0.57 | -0.24 | 0.66  | 0.23 | LINEARITY ERROR (dB) |
| 4 GHz                  | 2022           | 25.2          | 0.7            | 243   | 374   | 515  | 651  | 777  | 891   | 1020  | 1153  | 1283  | 1404 | 1502  | 1631  | 1752  | 1884  | 2028  | 2158 | Measured Value (mV)  |
|                        |                |               |                | -18   | -13   | 2    | 13   | 13   | 1     | 5     | 12    | 16    | 11   | -17   | -13   | -18   | -12   | 6     | 11   | ERROR (mV)           |
|                        |                |               |                | -0.71 | -0.52 | 0.09 | 0.53 | 0.51 | 0.05  | 0.18  | 0.47  | 0.55  | 0.44 | -0.66 | -0.51 | -0.71 | -0.47 | 0.25  | 0.43 | LINEARITY ERROR (dB) |
| 6 GHz                  | 2018           | 25.2          | 0.8            | 244   | 376   | 516  | 651  | 770  | 870   | 1003  | 1131  | 1266  | 1399 | 1505  | 1634  | 1754  | 1884  | 2027  | 2157 | Measured Value (mV)  |
|                        |                |               |                | -10   | -5    | 10   | 19   | 12   | -14   | -3    | 11    | -10   | -5   | -10   | -6    | -12   | -8    | 9     | 13   | ERROR (mV)           |
|                        |                |               |                | -0.40 | -0.19 | 0.40 | 0.76 | 0.47 | -0.55 | -0.30 | -0.20 | 0.14  | 0.43 | -0.36 | -0.24 | -0.47 | -0.33 | 0.36  | 0.50 | LINEARITY ERROR (dB) |
| 8 GHz                  | 1996           | 24.8          | 0.8            | 246   | 376   | 517  | 651  | 771  | 875   | 1006  | 1135  | 1266  | 1397 | 1489  | 1612  | 1731  | 1851  | 1996  | 2138 | Measured Value (mV)  |
|                        |                |               |                | -17   | -11   | 6    | 17   | 13   | -7    | 0     | 5     | 13    | 19   | -12   | -13   | -16   | -12   | 0     | 18   | ERROR (mV)           |
|                        |                |               |                | -0.68 | -0.43 | 0.24 | 0.68 | 0.53 | -0.30 | 0.00  | 0.20  | 0.51  | 0.78 | -0.50 | -0.53 | -0.73 | -0.47 | -0.02 | 0.71 | LINEARITY ERROR (dB) |
| 10 GHz                 | 1996           | 24.8          | 0.9            | 247   | 377   | 517  | 652  | 767  | 860   | 993   | 1119  | 1252  | 1386 | 1492  | 1619  | 1737  | 1866  | 1999  | 2136 | Measured Value (mV)  |
|                        |                |               |                | -10   | -4    | 11   | 22   | 18   | -18   | -10   | -8    | 1     | 11   | -7    | -5    | -10   | -6    | 3     | 16   | ERROR (mV)           |
|                        |                |               |                | -0.40 | -0.17 | 0.46 | 0.90 | 0.51 | -0.74 | -0.38 | -0.31 | 0.04  | 0.46 | -0.30 | -0.19 | -0.42 | -0.22 | 0.12  | 0.64 | LINEARITY ERROR (dB) |
| 12 GHz                 | 1990           | 25.2          | 0.8            | 212   | 346   | 487  | 620  | 749  | 846   | 979   | 1101  | 1233  | 1372 | 1482  | 1606  | 1725  | 1856  | 1988  | 2133 | Measured Value (mV)  |
|                        |                |               |                | -14   | -6    | 9    | 16   | 19   | -10   | -3    | -7    | -1    | 12   | -4    | -6    | -13   | -8    | -1    | 17   | ERROR (mV)           |
|                        |                |               |                | -0.57 | -0.23 | 0.35 | 0.62 | 0.77 | -0.41 | -0.13 | -0.28 | -0.02 | 0.47 | -0.15 | -0.23 | -0.51 | -0.32 | -0.06 | 0.69 | LINEARITY ERROR (dB) |
| 14 GHz                 | 2002           | 25.1          | 0.8            | 224   | 356   | 497  | 632  | 760  | 866   | 1000  | 1127  | 1262  | 1394 | 1490  | 1615  | 1734  | 1853  | 2001  | 2141 | Measured Value (mV)  |
|                        |                |               |                | -18   | -12   | 3    | 12   | 15   | -4    | 3     | 5     | 14    | 20   | -10   | -10   | -17   | -14   | -1    | 13   | ERROR (mV)           |
|                        |                |               |                | -0.72 | -0.47 | 0.14 | 0.49 | 0.61 | -0.17 | 0.12  | 0.20  | 0.56  | 0.80 | -0.39 | -0.41 | -0.69 | -0.55 | -0.05 | 0.52 | LINEARITY ERROR (dB) |
| 16 GHz                 | 2011           | 25.4          | 0.6            | 215   | 349   | 490  | 623  | 755  | 862   | 996   | 1120  | 1248  | 1382 | 1493  | 1622  | 1741  | 1871  | 2015  | 2154 | Measured Value (mV)  |
|                        |                |               |                | -14   | -8    | 6    | 12   | 17   | -4    | 3     | 0     | 1     | 7    | -9    | -6    | -15   | -12   | 5     | 16   | ERROR (mV)           |
|                        |                |               |                | -0.56 | -0.30 | 0.23 | 0.49 | 0.65 | -0.15 | 0.14  | 0.01  | 0.05  | 0.28 | -0.35 | -0.25 | -0.53 | -0.48 | 0.19  | 0.63 | LINEARITY ERROR (dB) |
| 18 GHz                 | 2009           | 25.4          | 0.806          | 220   | 351   | 492  | 625  | 754  | 857   | 992   | 1120  | 1259  | 1395 | 1491  | 1617  | 1736  | 1866  | 2012  | 2153 | Measured Value (mV)  |
|                        |                |               |                | -13   | -3    | 6    | 12   | 16   | -9    | -1    | -1    | 11    | 20   | -10   | -11   | -19   | -16   | 4     | 18   | ERROR (mV)           |
|                        |                |               |                | -0.50 | -0.30 | 0.24 | 0.48 | 0.57 | -0.37 | -0.05 | -0.03 | 0.45  | 0.81 | -0.39 | -0.42 | -0.73 | -0.60 | 0.14  | 0.71 | LINEARITY ERROR (dB) |
| Avg. Slope: 25.2 mV/dB |                |               |                | 1     | 0.9   | 0.9  | 1    | 0.6  | 0.9   | 0.8   | 1.1   | 1.2   | 1    | 0.6   | 0.8   | 0.9   | 1     | 1.3   | 0.7  | Flatness dB: ±1.3 dB |

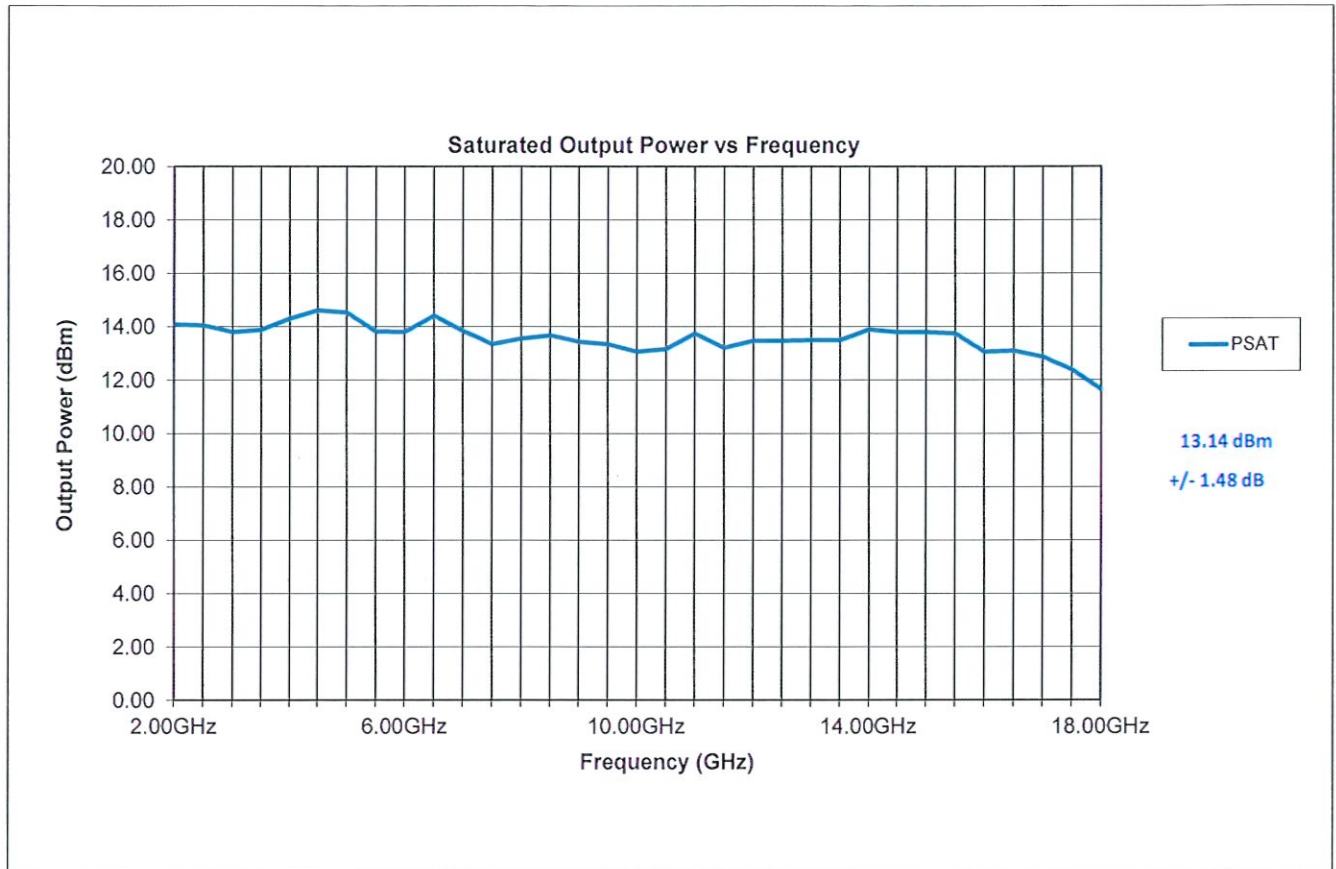




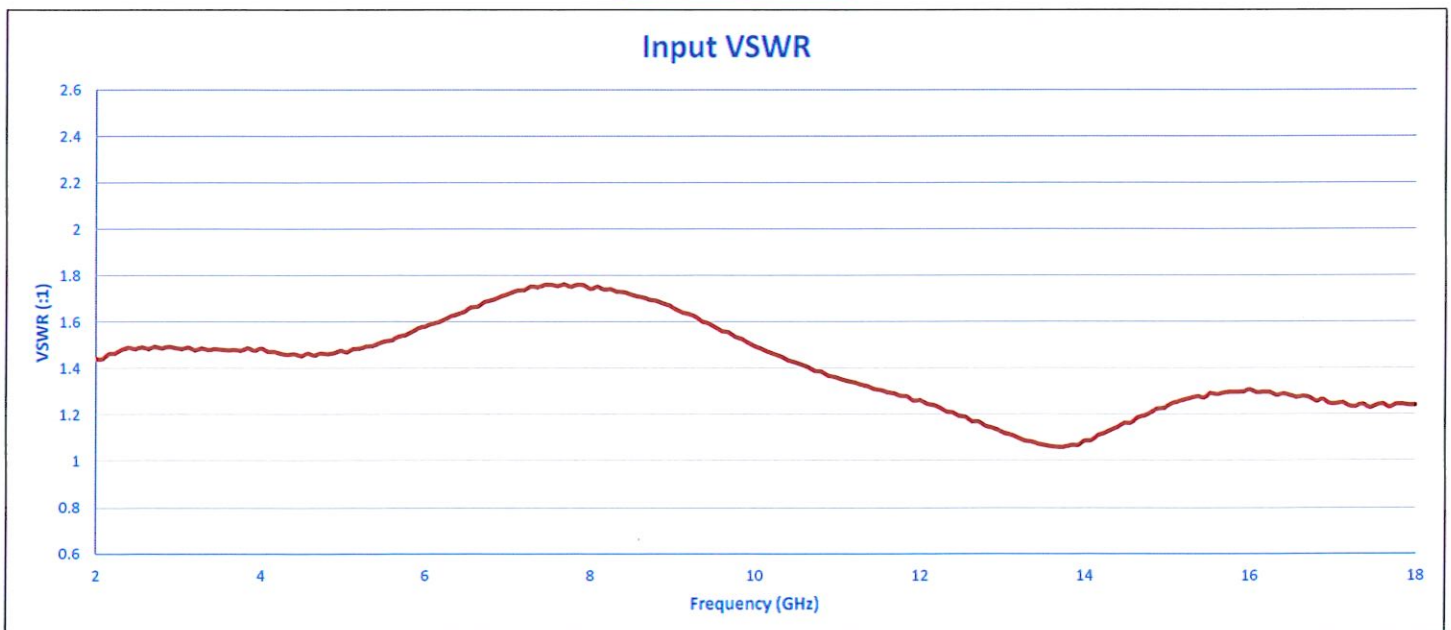
# SUMMARY TEST DATA ON SDLVA-6G18G-CD-2-OPT218

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## PSAT



## INPUT VSWR

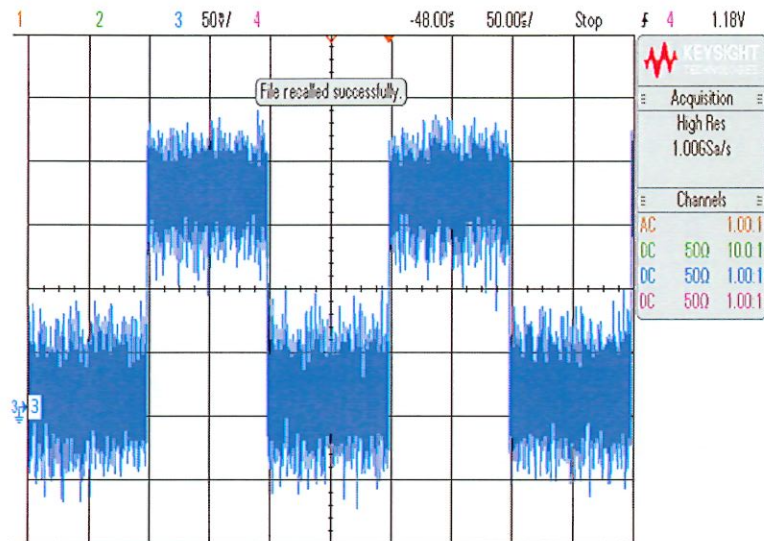




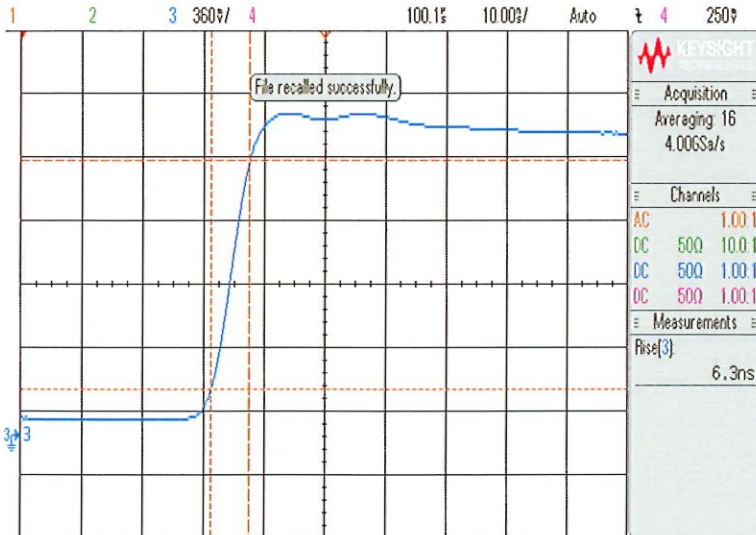
# SUMMARY TEST DATA ON SDLVA-6G18G-CD-2-OPT218

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## TSS



## Rise Time



## Fall Time

