# QUALITY CONFORMANCE REPORT - ACCEPTANCE TESTS

PROJECT: EQA-3 Date:

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| Sl.No. | Parameters | Test Result Specified | Test Result Measured | Remarks |
| 1 | Mechanical Dimensions |  |  |  |
| 1.1 | Width x Height | Width:36±1 mm | 36 |  |
|  |  | Height:26±1 mm | 27 |  |
| 1.2 | Weight(grams) | <80 | 76 |  |
| 2 | Bias compensation |  |  |  |
| 2.1 | Volatage difference between U1 & U2 | <=3.5 | -7µVolts | R\_Bias=15Kohms |
| 3 | Polarity |  |  |  |
| 3.1 | +1g | -0.34V to -0.46V | -0.369366V |  |
| 3.2 | -1g | +0.34 to +0.46 | 0.369373V |  |
| 4 | Performance Parameters |  |  |  |
| 4.1 | SF(at+42.5°C) | 2.0 mA/g±15% | 1.89 |  |
| 4.2 | SF Temp.Coefficient | 200 ppm/°C(max) | 9.61 |  |
| 4.3 | SF Hysteresis | 100 ppm(max) | 3.44 |  |
| 4.4 | SF Day to Day stability | 100 ppm(max) | 3.44 |  |
| 4.5 | SF stability(In run) | 30 ppm(max) | 1.58 |  |
| 4.6 | Bias | 4000 µg(max) | 244.48 |  |
| 4.7 | Bias Temp.Coefficient | 30 µg/°C(max) | 10.62 |  |
| 4.8 | Bias Hysteresis | 225 µg | 60.97 |  |
| 4.9 | Bias Day to Day Stability | 100µg(max) | 14.25 |  |
| 4.10 | Bias Stability(In run) | 30 µg(max) | 2.63 |  |
| 4.11 | Misalignment | ±600 | 142.76 |  |
| 4.12 | Axis Misalignment Stability (Day to Day) | 15'' | 6.14 |  |
| 4.13 | Bandwidth | >250 Hz |  |  |
|  |  | Gain(Hz)-3dB | 1020(Hz) |  |
|  |  | Phase(deg)90° | 623.4(Hz) |  |

Note:\*\*The test results are calculated from the data of ATLs’-14, 16, 17 and 20.

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| Checked by | Name | Signature | Date |
| Production Rep. |  |  |  |
| Internal QC Rep. |  |  |  |
| R&QA Rep. |  |  |  |