|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **REF, ACTUAL CURRENT & VOLTAGE DPM PCB (PA79-557/B) TEST REPORT** | | | | | | | | | | | | | | | |
|  | | | | **TEST POINT VOLTAGE W.R.T. GND TEST POINT (TP2)** | | | | | | | | |  | |  |  | **REMARK (IF ANY REWORK IS DONE)** |
| **SR.NO.** | **Test point-->** | | **TP1** | **All seven segment displays and keys are working ok** | **TP4(Actual**  **voltage calibration)** | **TP5 (Actual Current Calibration)** | **Check actual current on display @ different input voltages** | | | | | | **Check actual current on display @ 75 mV input**  **Continuous for one minute.** | **TP6(Ref current calibration) @max ref 600A Calibrated by P4** |  | **Software Revision Sticker, Potting done & Silastic applied at trim pot.** |
| Condition--> | |  | **@max 50V**  **Calibrated by P3**  **POT** | **@Max. 75mV input (calibrate by P1 POT)** | **@0.0 mV** | | **@25mV** | | **@50 mV** | **@75 mV** | **Short link LK1,LK2,**  **LK3** |
|  |  |
|  | | +5Vdc (+/-0.2V) | OK/NOT OK | 1.50 to 1.7 V | 3 to 3.2 V | 0.0-0.15 v | | 1.0-1.20 v | | 2.0 -2.2 v | 3.0-3.2 v | OK/  NOT OK | 2.7 V (±0.2V**)** | OK/  NOT OK | OK/NOT OK |
| Message on Display | |  |  |  | **600 on display window** | 20 or ref curr | | 200  (±5) | | 400  (±5) | 600  (±5) | Constant  600((±5)) | 600 on display |  |  |
| PCB SR.NO. | | Measured / Actual voltage | | | | | | | | | |  | |  |  |  |
| 1 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 2 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 3 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 4 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 5 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 6 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 7 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 8 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 9 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |
| 10 |  | |  |  |  |  | |  | |  |  |  |  |  |  |  |  |