***OBSERVATIONS***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | S.no | V Sense(Volts) |  | I SENSE(V/0.44)(mA) |
|  | 1. | **6.83** |  | **1.36** |
|  | 2. | **6.85** |  | **2.58** |
|  | 3. | **6.85** |  | **7.27** |
|  | 4. | **6.84** |  | **34.7** |
|  | 5. | **6.84** |  | **87.04** |
|  | 6. | **6.82** |  | **112.20** |
|  | 7. | **6.82** |  | **157.90** |
|  | 8. | **6.82** |  | **210.22** |
|  | 9. | **6.81** |  | **260.68** |
|  | 10. | **6.80** |  | **291.81** |
|  | 11. | **6.79** |  | **319.09** |
|  | 12. | **6.76** |  | **352.04** |
|  | 13. | **6.76** |  | **426.81** |
|  | 14. | **6.75** |  | **442.04** |
|  | 15. | **6.73** |  | **477.2** |
|  | 16. | **6.71** |  | **563.6** |
|  | 17. | **1.84** |  | **588.6** |
|  | 18. | **1.84** |  | **588.6** |
|  | 19. | **1.82** |  | **590.6** |

**Load** **Regulation**=

= (6.83-6.71)/ (563.6-1.36)=**0.000213%**

