

Mini Tower Items for Further Discussion
PSR AI#1

1. TOT difference between the High Side and Low Side for each MCM – Test method, Hardware problem etc
2. Better understanding of the detection efficiency performance of each of the layers – does the location of the layer with respect to MT configuration have an impact
3. Noise Occupancy variation of the layer X2 between the 1200 and 1500 strips
4. Amplifier gain variations of all the MCMs – reason for this variation could be bias voltage variation between chips due to distribution on the board etc.
5. Verification that the CAL TEM and PSA have the same interface with the Tracker prior to integrating the MT with the CAL, TEM and PSA.
6. If possible the performance of the MT be verified as a stand-alone unit with the CAL TEM PRIOR to integration with the CAL.
7. There should be effort to develop more quantitative GO/NOGO criteria for the acceptance of the Tracker – some key parameters – should go into the specification.

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