

**List of To-Be-Decided(TBD) specs for the Nutator and Subreflector**

Page	Section	TBD	Default Value	Notes
14	4.1	Summary of ACA		Is there an official summary of the ACA?
19	4.4.4	Solar Flux during solar observing		Pending data from Mitsubishi, results of NASA panel measurements
22	5.1.1	Position of Mirror Pivot		This will probably have to be debated with Science IPT pending cost estimates from contractors
22	5.1.2	Resolution of commanded position		Position in terms of Actual Subreflector Rotation. Rotation of Antenna Beam is a factor of about 0.09 smaller, and is a function of the Mirror Pivot position
22	5.1.2	Range of Motion of Subreflector	+/-20.0 arcmin	This depends on the mirror pivot position
23	5.1.6	Angular accuracy of Subreflector		May or may not depend on frequency
30	5.4.3	Accuracy of Stow Mechanism		Actual rotation, not Antenna Beam rotation
32	6.2	Diameter of Central Hole	48mm or 60mm?	Current diameter of 48mm is likely to change to 60mm following memo from Richard Hills
32	6.2	Scatter Cone	Same as Antenna?	This is likely to change following R. Hills memo
33	6.3	Subreflector Surface reflectivity Properties		Specularity?
33	6.4	Surface Accuracy of Subreflector	5.5 um rms	5-8 um rms more reasonable? Effect on error budget? Specify machining accuracy or total RSS accuracy?
35	8.1	MTBF of subreflector/nutator		
35	8.1	Degraded accuracy when maintenance is required		
36	8.2.3.1	Maintenance interval	3 months?	