1. HMI Investigation

2. HMI Science Objectives
   Duration of mission,
   Completeness of coverage

3. HMI Science Data Products
   Roll accuracy
   Time accuracy (months)

4. HMI Observations
   Duration of sequence,
   Cadence
   Completeness (95% of data sequence),
   Noise,
   Resolution,
   Time accuracy (days)

5. HMI Observables
   Sensitivity,
   Linearity,
   Acceptable measurement noise,
   Image stability,
   Time rate (minutes)
   Completeness (99.9% of observable data in 90s),
   Orbit knowledge

6. HMI Instrument Data
   Accuracy,
   Noise levels,
   Completeness (99.99% of data in filtergram),
   Tuning & shutter repeatability,
   Wavelength knowledge,
   Image registration,
   Image orientation jitter

7. HMI Instrument Concept
   Mass,
   Power,
   Telemetry,
   Envelope

8. Sub-system requirements
   CCD: Thermal environment,
   ISS: pointing drift rate, jitter
   Legs: pointing drift range

9. HMI to SDO Interface
   Requirements

10. Ground System

11. Processing System

12. Data Distribution