**Table 1:** ISS Program Resource Utilization Allocation Commitment to NASA Science Mission Directorate (SMD) [**Add Instrument name here**] investigation “As Not to Exceed (NTE)” Maximum Resources Allocation Cap. **NOTE**: **The format of this table cannot be modified by any PI/PD team nor can the content of this table be changed or addition made to it without prior approval from the RICB Chair**

| **ISS Resource Requested** | **Units** | **CBE** | **\*\*\*MPV/NTE** | **Proposal Team Comments** | **ISSP Comments** |
| --- | --- | --- | --- | --- | --- |
| Flight Hardware REadiness | Date/year |  | | | |
| Site | N/A |  | | | |
| Mass | Kg |  |  |  |  |
| \*Peak Power | Watt |  |  |  |  |
| \*\*Average Power | Watt |  |  |  |  |
| On-Orbit Survival Power | Watt |  |  |  |  |
| Launch Vehicle Survival Power | Watt |  |  |  | Goal: 100W max |
| +Average Data Rate | Mbps |  |  |  |  |
| Peak Data | Mbps |  |  |  |  |
| Data Volume | GB/day |  |  |  |  |
| Volume at Launch | LxWxH, m3 |  |  |  | Launch vehicle Configuration payload volume envelope |
| Volume During on-orbit Operation | LxWxH, m3 |  |  |  | On-orbit (ISS) Configuration payload volume envelope |
| Thermal Interface | Watt |  |  |  |  |
| Cooling Flow | Kg/hr |  |  |  | If active cooling is required. JEM EF payload only. |
| FOV | N/A |  |  |  |  |
| Data Interface | N/A |  |  |  |  |
| Site Occupancy Length | # of years |  |  |  |  |
| Data Latency | Day/hr/min |  |  |  |  |
| Other/Ancillary |  |  |  |  |  |
| CBE: current best estimate; MPV: maximum possible value; NTE: Not to Exceed | | | | | |

**\*Peak Power** is the maximum power draw of the payload at any time from ISS during its on-orbit operations life cycle (excluding start up transient)

**\*\*Average Power** draw is the steady state continuous on-orbit operations mode of the payload

**+Average data** rate is the allowable payload daily data rate

**++Peak data** rate is the maximum data rate allowable by ISSP to that payload when needed

**\*\*\*MPV/NTE** is the maximum resource level for any of the design parameters in this table that the ISS Program will allocate to that instrument. The MPV resource level is capped by the ISS Program for the entire development and operation phases of that instrument on ISS. Please **note** that the **definition** of the MPV in this table by the ISS Program may be different from similar wording in any NASA Announcement of Opportunity (AO)