

Command	Expected Serial Response	Action Taken
ENADCS	ADCS Enabled	Enables the DC-DC converter on the ADCS to provide full power - without this function, ADJ should not work.
TEMPOBC	TEMPOBC: 23.15°C	Reads temperature on the OBC and reports it via LoRa.
TEMPEPS	TEMPEPS: 23.15°C	Reads temperature on the EPS and reports it via LoRa.
TEMPADCS	TEMPADCS: 23.15°C	Reads temperature on the ADCS and reports it via LoRa.
VBAT	VBAT: 3.72V	Reads battery voltage on the satellite and reports it via LoRa.
CAM		Takes a picture via camera payload and sends it via LoRa.
TIME	[10m 42s]	Sends the time since the boot of the satelltie via LoRa.
IMU	X:359.4 Y:0.69 Z: 7.63	Reads the current orientation of the satellite using the IMU (0-360 deg) and sends it via LoRa.
SUN	S1: 0 S2: 400 S3: 350	Reads the sun sensors values and send them via LoRa.
ADJ	Satellite Rotated	Compares the values of the sun sensors, if the one opposite to the payload camera is the one facing more light, then no action is done. If that's not the case, the satellite should rotate until it reaches this condition.
ALL	<i>All of the above apart from CAM and ADJ</i>	Perform all the actions above apart from CAM and ADJ. The output should look like: [2m 23s] TEMPOBC TEMPEPS TEMPADCS VBAT X:359.4 Y:0.69 Z: 7.63