Septentrio PolaRx5 Power Consumption

841 Henry Berglund January 8, 2016 Power Test Reports 4860

- All values were measured using an Agilent DC Power Analyzer
    - Power consumption was measured at 12 V
- Measured values are given with 10% margin of error
    - Power values will fluctuate with the number of visible satellites tracked
- Users must turn off both satellite and signal tracking to realize power consumption reductions

Criteria	GPS L1 and L2 only (W)	GPS L1, L2, & L5 (W)	GPS and GLONASS (W)	All Constellations in view (W)
Minimum possible power consumption	2.0	2.3	2.3	3.1
Ethernet Off - Logging 15-sec Session	2.2	2.4	2.4	3.2
Ethernet Off - Logging 15-sec Session & 1 Hz Session	2.2	2.4	2.4	3.2
Ethernet Off - Logging 15-sec Session & 10 Hz Session	2.2	2.4	2.4	3.2
Ethernet On - Logging 15-sec session & 1 Hz Session	2.9	3.1	3.1	4.0
Ethernet On - Logging 15-sec session & 1 Hz TCP/IP stream	2.9	3.1	3.1	4.0
Ethernet On - Logging 15-sec Session &	2.9	3.1	3.1	4.0

1 Hz Session & 10 Hz TCP/IP stream				
Maximum possible power consumption				4.3

Online URL: https://kb.unavco.org/article/septentrio-polarx5-power-consumption-841.html