

Rec. LNB for AMSAT P4-A Satellite - EsHailSat2

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| Version | L.O. 1 | L.O. 2 | for use with: | Price Euro |
|------------------------|---------------|---------------------|----------------------------------|-------------|
| 1. Twin Octagon | 9,540 GHz | 10,0574. GHz | D-ATV 432MHz SSB Rec. SDR | 60.- |
| 2. Single Octagon | 9,3887 GHz | | D-ATV Receiver | 35.- |
| 3. Single Octagon | 9,300 GHz | | D-ATV SDR ATVanalog | 40.- |
| 4. Single Octagon | 10,0574 GHz | | 432MHz SSB Receiver SDR | 45.- |
| 5. Single LTC | 10,0446. GHz | | 444MHz SSB Receiver SDR | 35.- |
| 6. Single LTC | 10,05782. GHz | | 432MHz SSB Receiver SDR | 40.- |
| 7. Bias-T | | | LNB → BiasT → SSB Rec. or SDR | 6.- |

\ ← Voltage

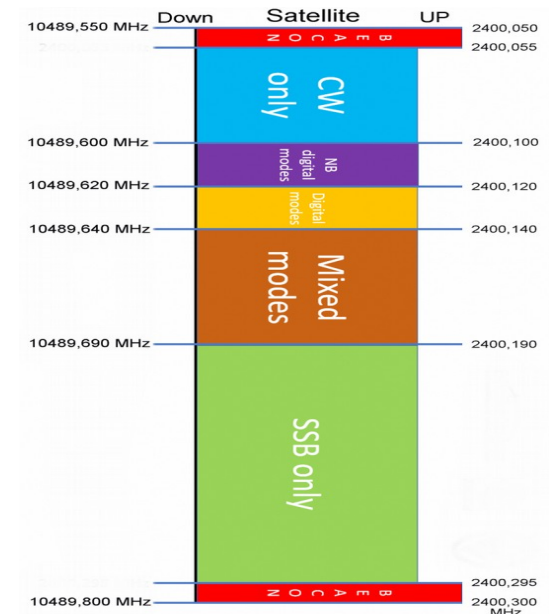
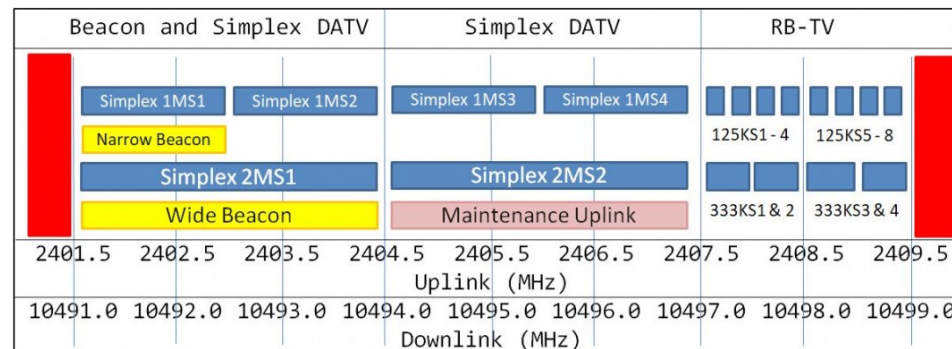
*** TK 8ppm (-10....+50°C) for SSB receiver,** everyone else too 8ppm (-10....+50°C)

Example for CW-SSB

10489,550.....10489,800MHz
 - LNB L.O. 10057,4 MHz
 = **432,150.....432,400 MHz**

Example for D-ATV

10491,0.....10499,0 MHz
 - LNB L.O. 9540,0 MHz
 = **951.....959 MHz**



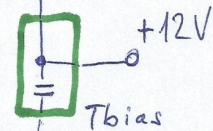
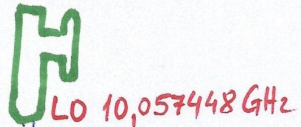
EsHailSat2 AMSAT P4-A

10.489,800 MHz
~
10.489,550 MHz

2400,300 MHz
~
2400,050 MHz

CW-Pactor-SSB mode

LNB

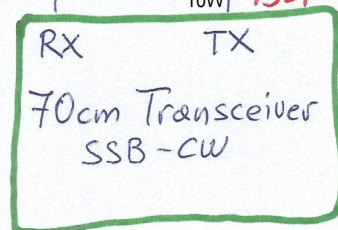


432,352 MHz
~
432,102 MHz

Attenuator

10W

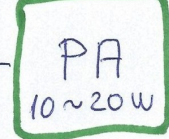
432,352 MHz
~
432,102 MHz



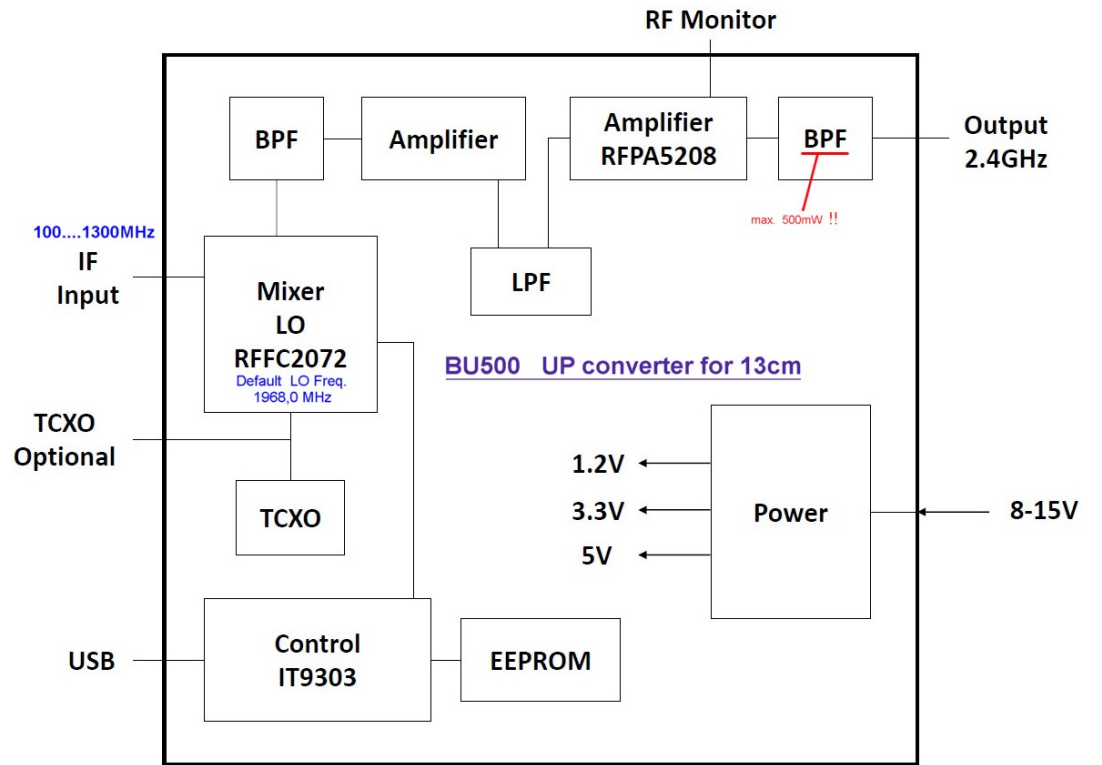
BU500 Ver.2



1/4 W



15W



AMSAT P4-A total configuration for SSB CW and DVB

