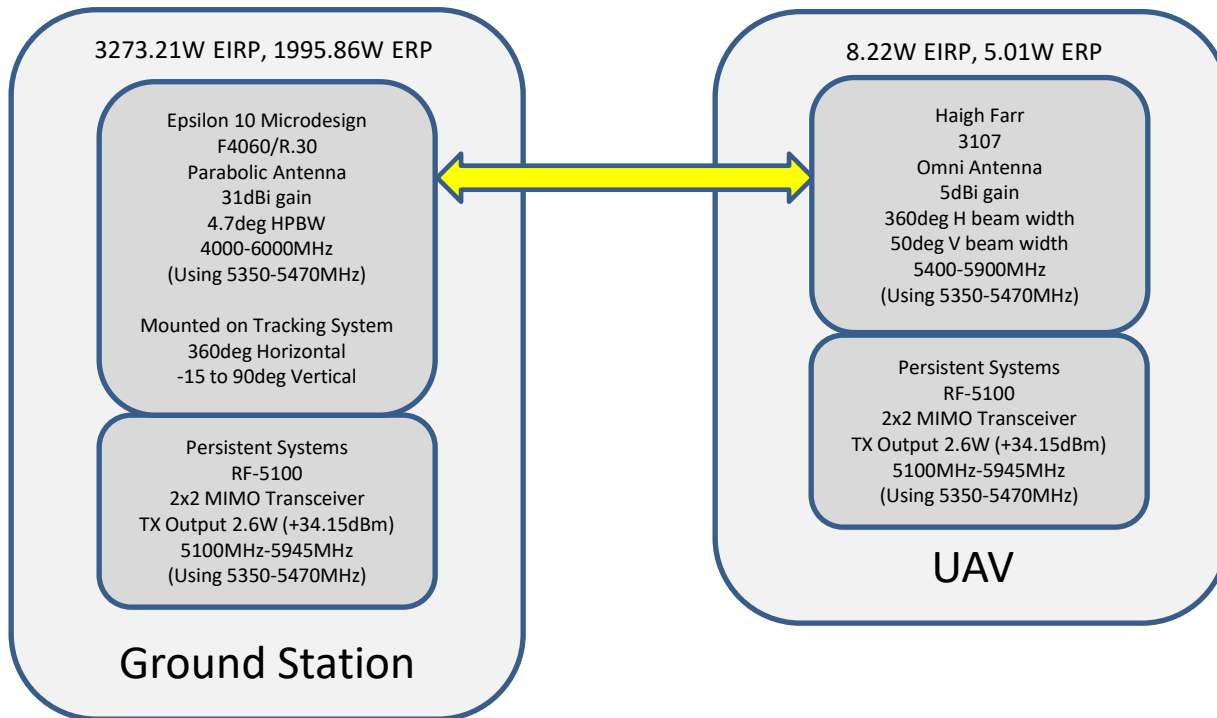


RF Link1 Equipment



RF Link2 Equipment

RF Link Budget Calculator

Input

Frequency: MHz

Tx Power: dBm

Tx Cable loss: dB

Tx Antenna Gain: dB

Distance: miles

Rx Antenna Gain: dB

Rx Cable loss: dB

Rx Sensitivity: dBm

Fade Margin: dB

Options

Units:

miles, ft

km, m

Compute:

Fade Margin

Distance

Tx Power

Output

Fade Margin: 22.4 dB

Free Space Loss: 138.1 dB

Rx Signal Strength: -72.6 dBm

Cable Loss Calculator

Input

Cable Type: ▾

Loss per 100 ft: dB
(at 2375 MHz)

Cable Length: ft

No. of connectors:

Output

Total Cable Loss: 0.3 dB

Apply to:

RF Link Budget Calculator

Input

Frequency: MHz

Tx Power: dBm

Tx Cable loss: dB

Tx Antenna Gain: dB

Distance: miles

Rx Antenna Gain: dB

Rx Cable loss: dB

Rx Sensitivity: dBm

Fade Margin: dB

Options

Units:

miles, ft

km, m

Compute:

Fade Margin

Distance

Tx Power

Output

Fade Margin: 18.3 dB

Free Space Loss: 145.2 dB

Rx Signal Strength: -76.7 dBm

Cable Loss Calculator

Input

Cable Type: ▾

Loss per 100 ft: dB
(at 5400 MHz)

Cable Length: ft

No. of connectors:

Output

Total Cable Loss: 0.3 dB

Apply to: