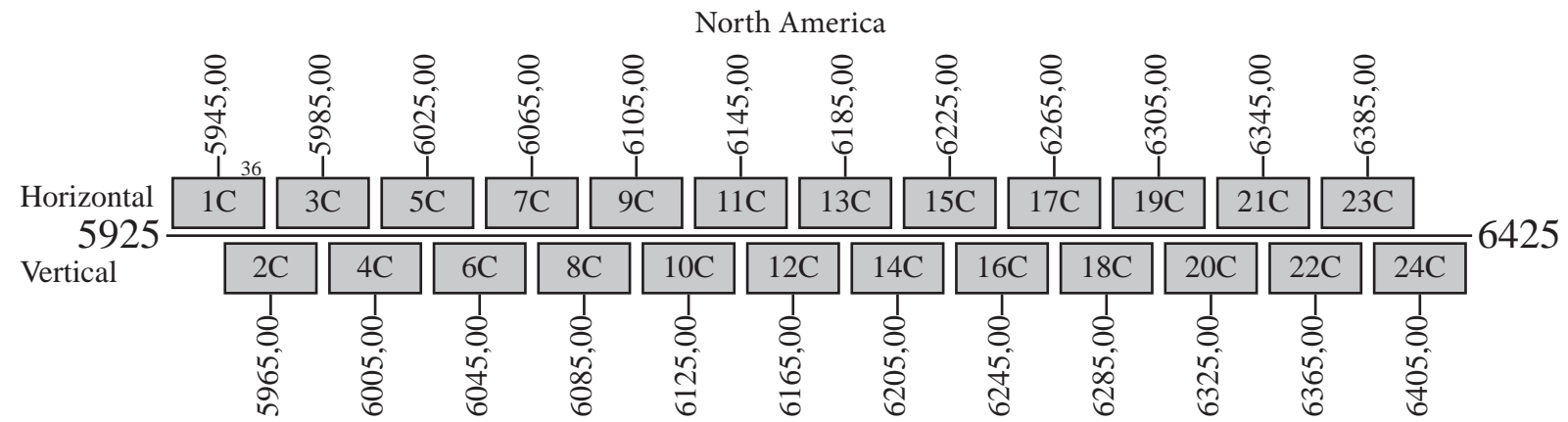


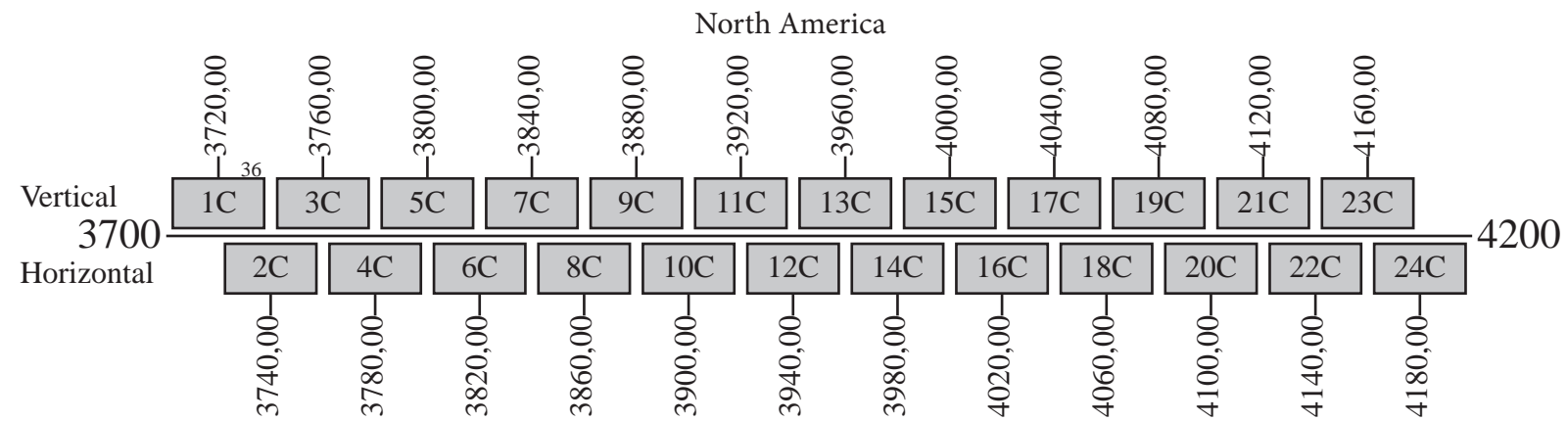
# Galaxy 23

## Frequency Plan C-Band

### Uplink



### Downlink



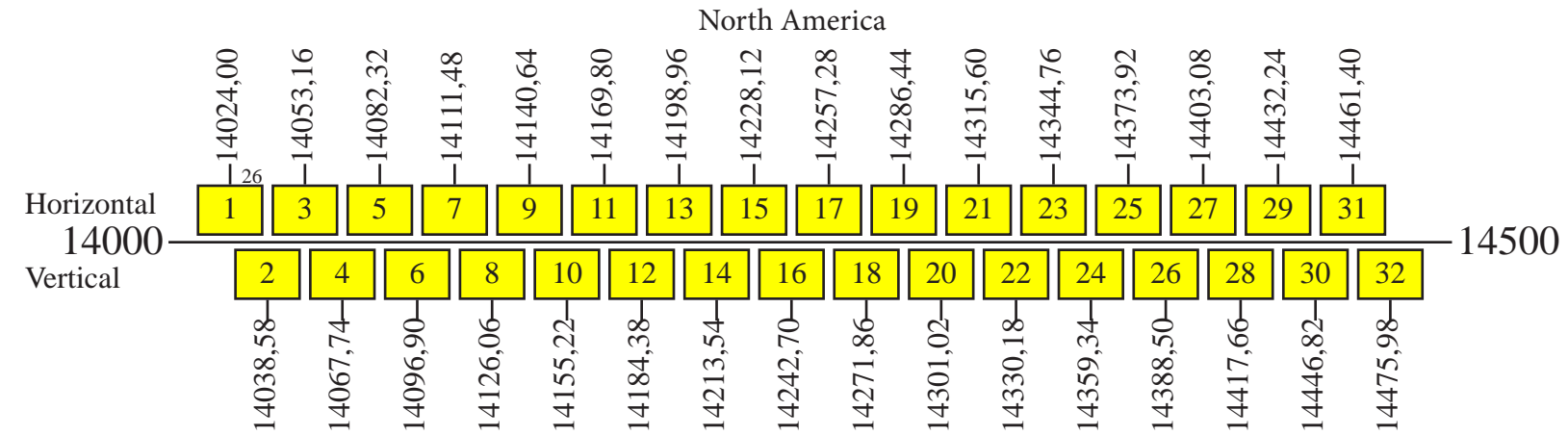
Notes: 1) The polarization of all communication channels may be switched.

Command 1: 14003,00 V  
 Command 2: 14497,00 H  
 Telemetry 1: 11705,50 V Conus  
 Telemetry 2: 12198,00 H Conus  
 Beacon/Telemetry 1: 4196,00 H  
 Beacon/Telemetry 2: 4199,50 H

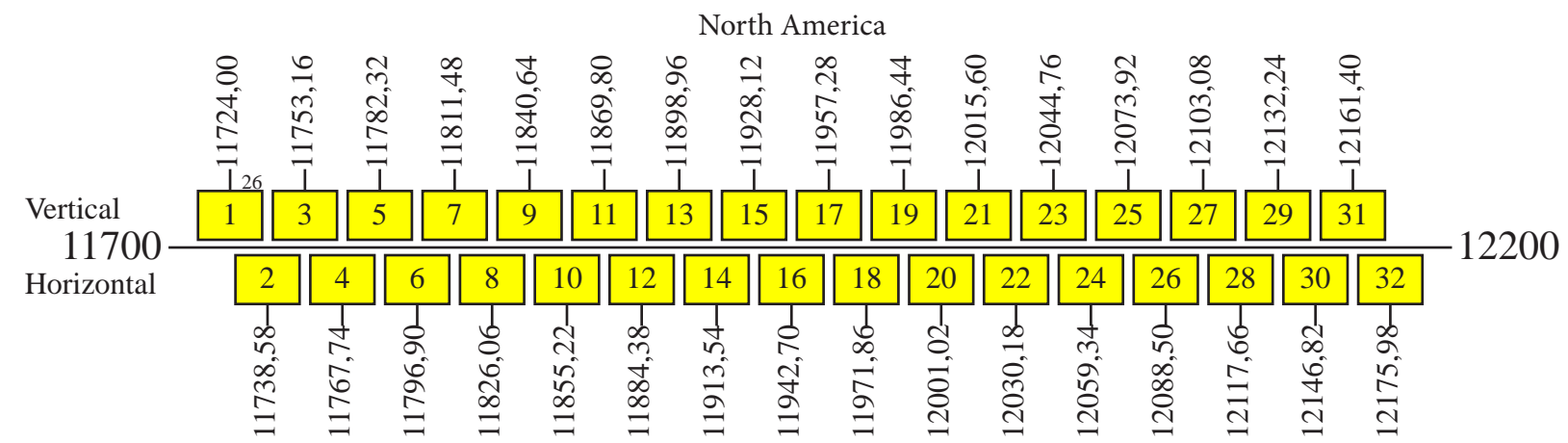
# Echostar 9

## Frequency Plan Ku-Band

### Uplink



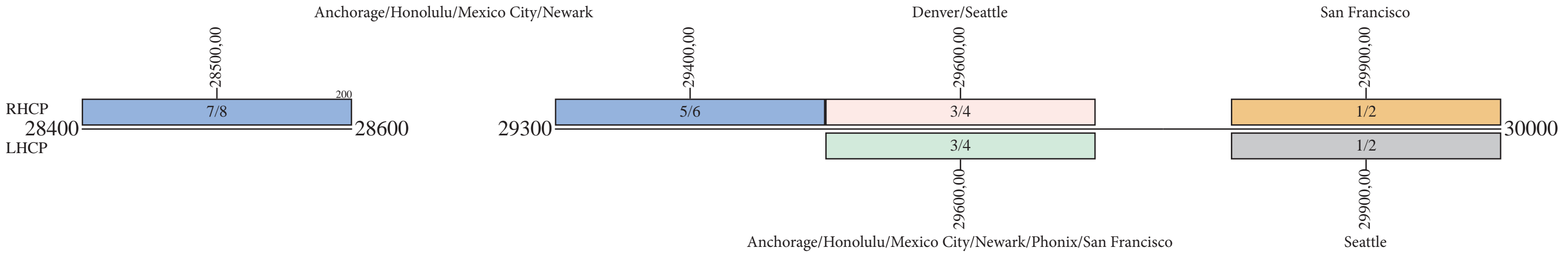
### Downlink



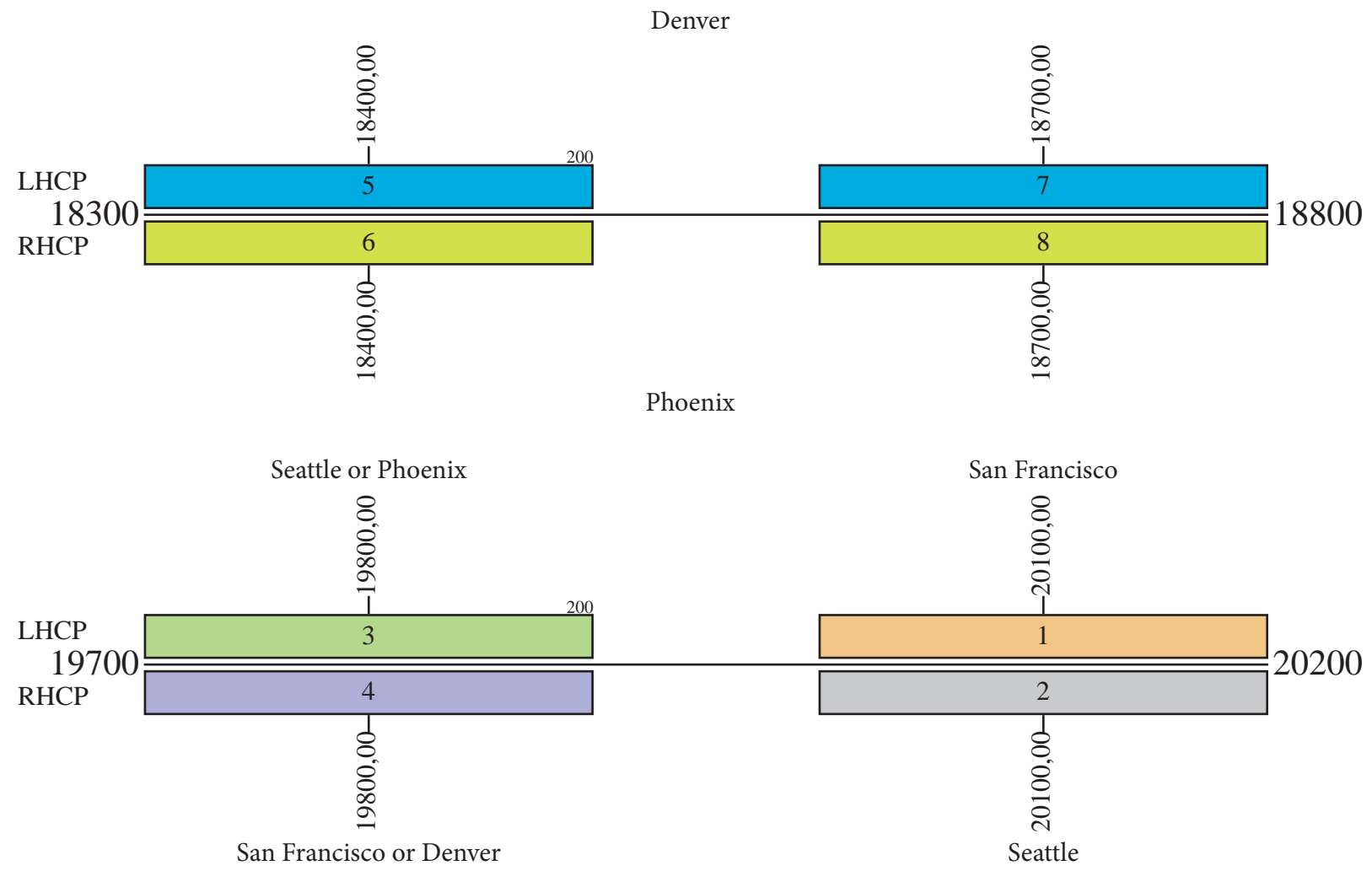
# Echostar 9

## Frequency Plan Ka-Band

### Uplink



### Downlink



Note: The Transponder 5,6 and 7,8 downlink Phoenix and/or Denver beams