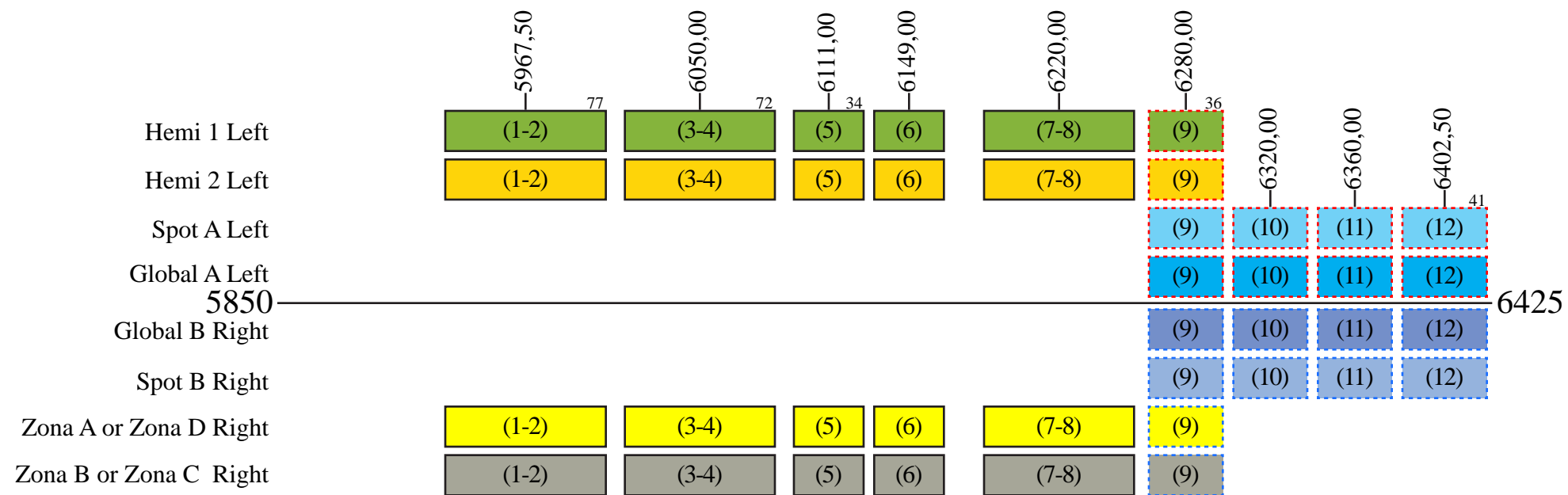


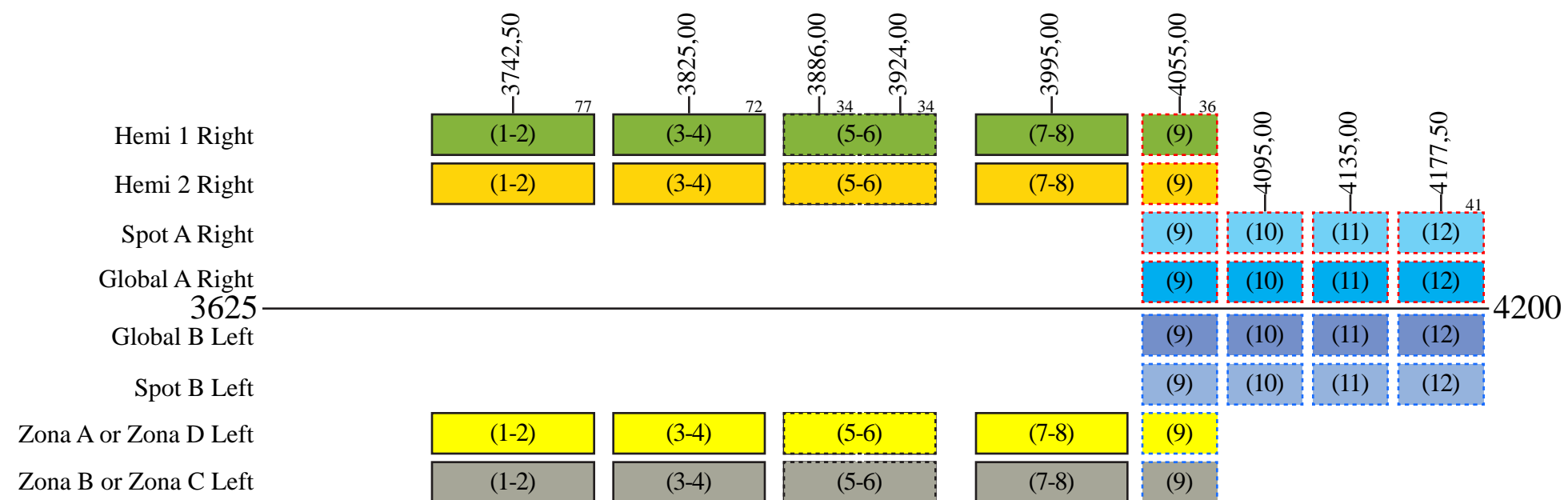
# Intelsat Series 7A

## Frequency Plan C-Band

### Uplink



### Downlink



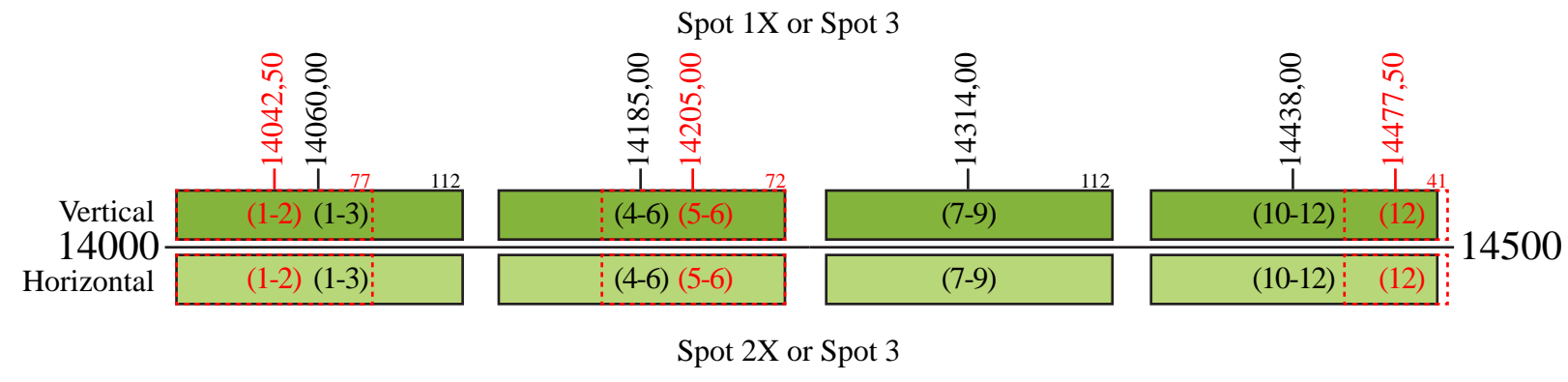
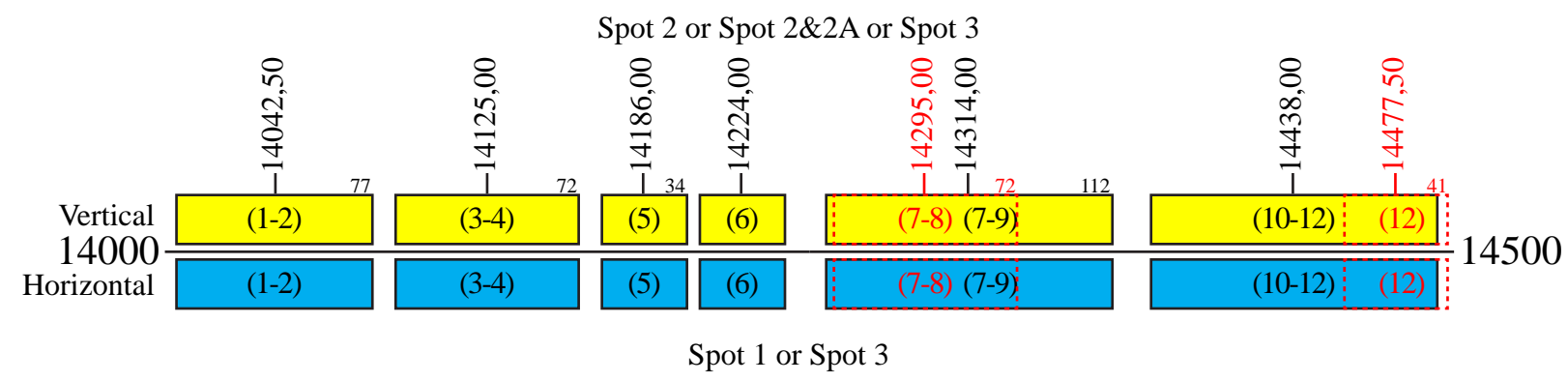
Command 1: 6173,70 L  
 Command 2: 6176,30 L  
 Telemetry 1: 3947,50 R  
 Telemetry 1B: 3948,00 R  
 Telemetry 2: 3952,50 R  
 Telemetry 2B: 3952,00 R  
 Beacon 1: 3950,00 V  
 Beacon 2: 11198,00 R  
 Beacon 3: 11452,00 R  
 Beacon 4: 11701,00 V or H  
 Beacon 5: 12501,00 V or H

**Hemi/Zone Beam Attitude Mode = Normal:** East (H1), West (H2), NW & SE (ZA & ZD), NE & SW (ZB & ZC).  
**Inverted:** West (H1), East (H2), NW & SE (ZD & ZA), NE & SW (ZC & ZB).

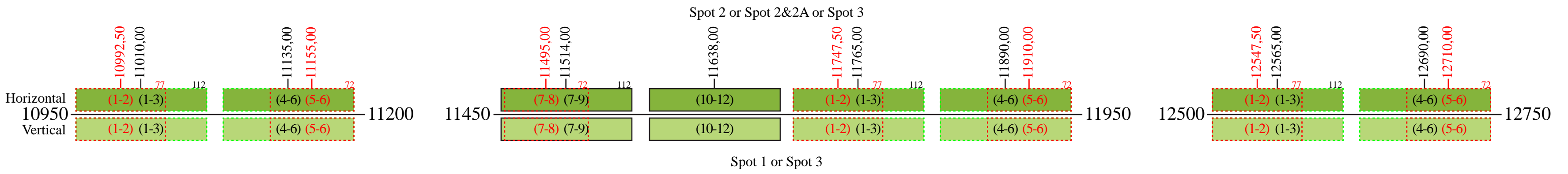
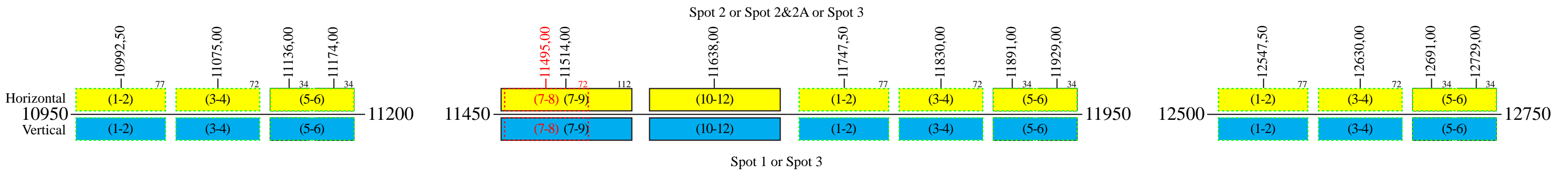
# Intelsat Series 7A

## Frequency Plan Ku-Band

### Uplink



### Downlink



**Note:** The slot (1-2),(3-4),(5-6) switcable 10950-11200 or 11700-11950 or 12500-12750 channel by channel.

The polarization of the Spot 3 beam may be changed via ground command to be orthogonal to either Spot 1 or Spot 2

Interconnection			
Slot Uplink	Beam Uplink	Slot Downlink	Beam Downlink
1-2,3-4,5/5-6,6/5-6,7-8,9	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1'-2',1-2,3-4,5-6,7-8,9	Hemi 1
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	
9	GA,SA	9	
1-2,3-4,5/5-6,6/5-6,7-8,9	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1'-2',1-2,3-4,5-6,7-8,9	Hemi 2
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	
9	GB,SB	9	
1-2,3-4,5/5-6,6/5-6,7-8,9	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8,9	Zona A
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	
9	GB,SB	9	
1-2,3-4,5/5-6,6/5-6,7-8,9	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8,9	Zona B
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	
9	GB,SB	9	
1-2,3-4,5/5-6,6/5-6,7-8,9	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8,9	Zona C
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	
9	GB,SB	9	
1-2,3-4,5/5-6,6/5-6,7-8,9	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8,9	Zona D
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	
9	GB,SB	9	
1-2,3-4,5/5-6,6/5-6,7-8	S1,S2,S2A,S3	1-2,3-4,5-6,7-8	Spot A
9	H1	9	
9,10,11,12	GA,SA	9	
12	S1,S2,S2A,S3	12	Spot B
9	H2	9	
9,10,11,12	GB,SB	9	
12	S1,S2,S2A,S3	12	Global A
9	H1	9	
9,10,11,12	GA,SA	9	
12	S1,S2,S2A,S3	12	Global B
9	H2	9	
9,10,11,12	GB,SB	9	
12	S1,S2,S2A,S3	12	Spot 1
1-2,3-4,5/5-6,6/5-6,7-9,10-12	S1,S2,S2A,S3	1-2,3-4,5-6,7-9,10-12	
1-2,3-4,5/5-6,6/5-6,7-8	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8	
1-3,4-6,7-9,10-12	S1X,S2X,S3	1-3,4-6,7-9,10-12	Spot 1X
1-2,3-4,5/5-6,6/5-6,7-9,10-12	S1,S2,S2A,S3	1-2,3-4,5-6,7-9,10-12	Spot 2
1-2,3-4,5/5-6,6/5-6,7-8	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8	Spot 2A
1-2,3-4,5/5-6,6/5-6,7-9,10-12	S1,S2,S2A,S3	1-2,3-4,5-6,7-9,10-12	
9	GB,SB	9	
1-2,3-4,5/5-6,6/5-6,7-8	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8	Spot 2X
1-3,4-6,7-9,10-12	S1X,S2X,S3	1-3,4-6,7-9,10-12	
1-2,3-4,5/5-6,6/5-6,7-9,10-12	S1,S2,S2A,S3	1-2,3-4,5-6,7-9,10-12	
1-2,5-6,7-9,10-12	S1X,S2X	1-2,5-6,7-9,10-12	Spot 3
1-2,3-4,5/5-6,6/5-6,7-8	H1,H2, ZA,ZB,ZC,ZD,ZA+ZD,ZB+ZC	1-2,3-4,5-6,7-8	