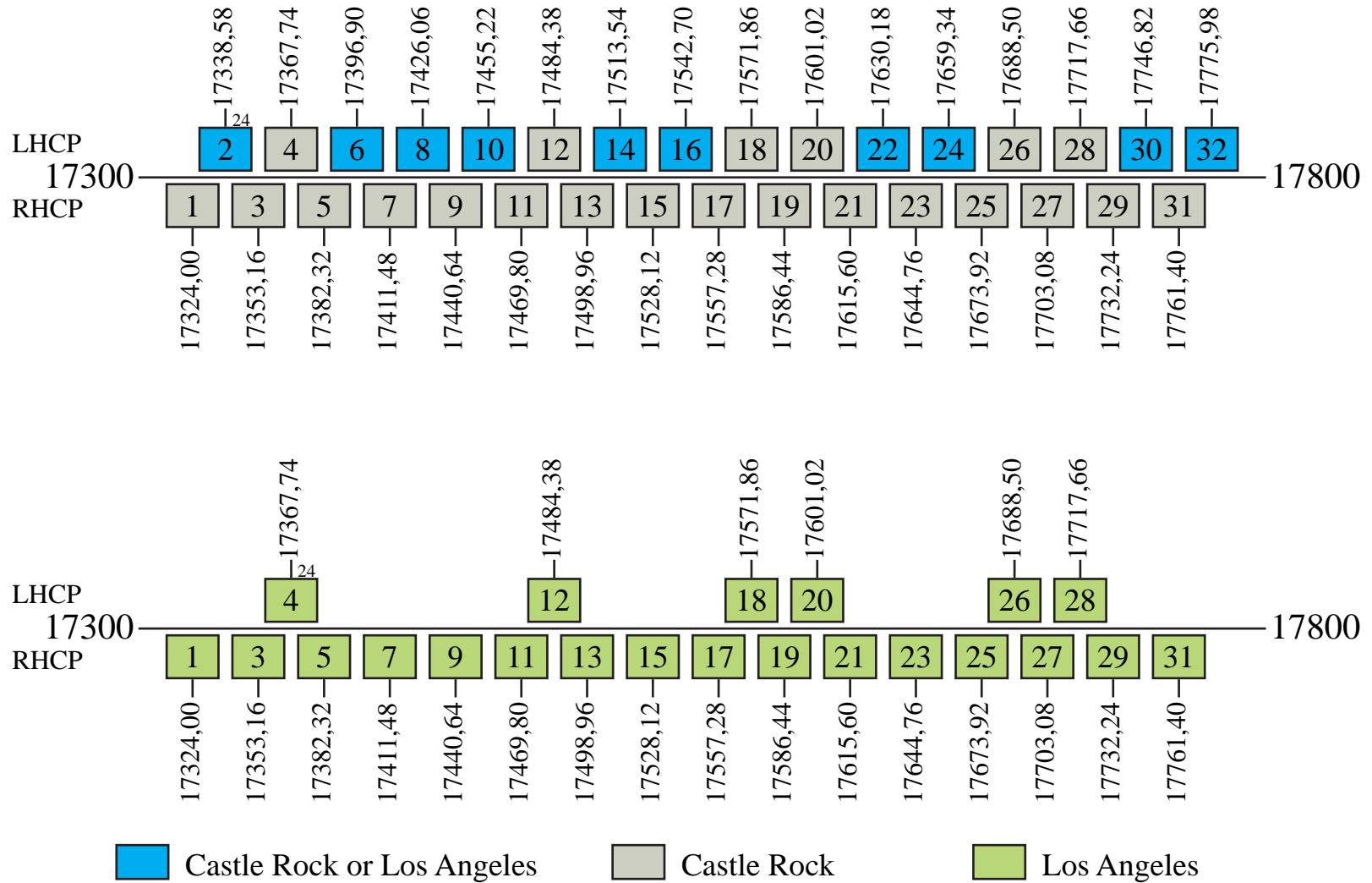


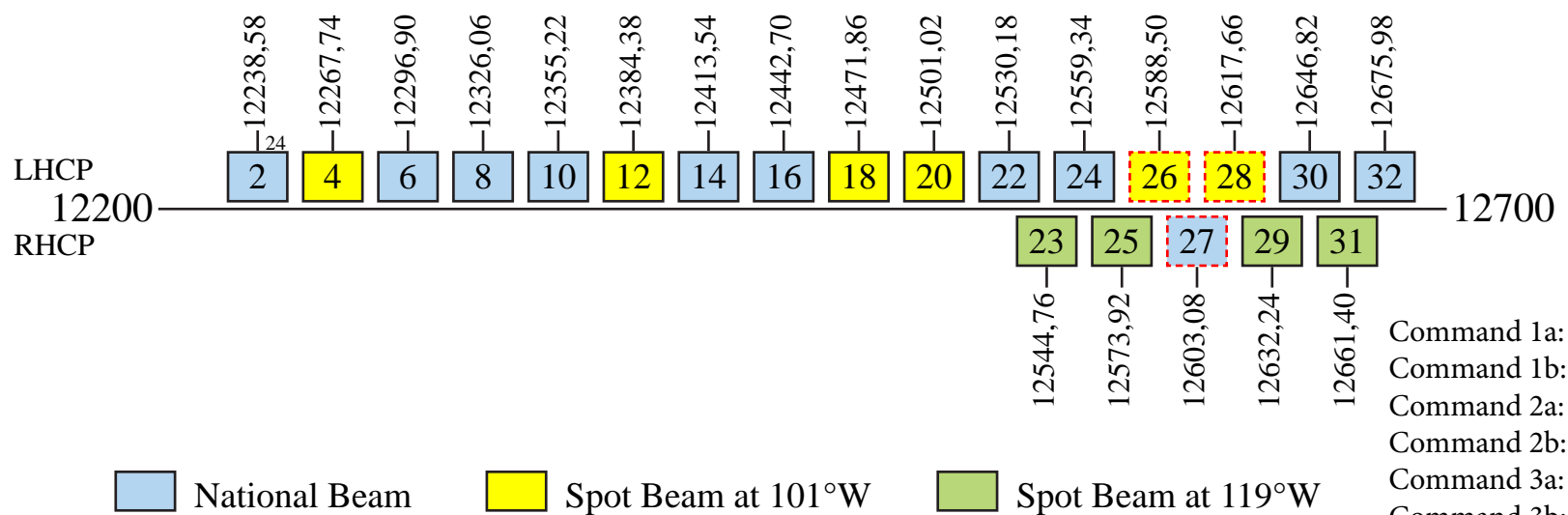
DirecTV 7S

Frequency Plan

Uplink



Downlink



Channel 26,27,28 are also available as National Channels

- Command 1a: 17795,50 R
- Command 1b: 14497,00 R
- Command 2a: 17795,50 R
- Command 2b: 14003,00 R
- Command 3a: 17797,50 R
- Command 3b: 17300,50 R
- Telemetry 1a: 12695,50 R
- Telemetry 1b: 12698,75 R
- Telemetry 2a: 12696,50 R
- Telemetry 2b: 12699,75 R

Spot Beam Interconnectivity at 101°W			
Beam	Downlink Ch.	Uplink Ch.	Uplink Site
1	28	27	Castle Rock
2	28	29	Castle Rock
3	20	21	Los Angeles
3	28	29	Los Angeles
4	28	31	Castle Rock
5	18	18	Castle Rock
5	28	28	Castle Rock
6	18	7	Castle Rock
6	28	17	Castle Rock
7	28	31	Los Angeles
8	28	27	Los Angeles
9	4	5	Castle Rock
9	12	13	Castle Rock
10	18	7	Los Angeles
10	28	17	Los Angeles
11	18	18	Los Angeles
11	28	28	Los Angeles
12	4	4	Castle Rock
12	12	12	Castle Rock
12	20	20	Castle Rock
13	4	3	Castle Rock
13	12	11	Castle Rock
13	20	19	Castle Rock
14	4	3	Los Angeles
14	12	11	Los Angeles
14	20	19	Los Angeles
15	12	13	Los Angeles
15	26	15	Los Angeles
16	12	1	Castle Rock
16	20	9	Castle Rock
17	20	23	Castle Rock
18	12	1	Los Angeles
18	20	9	Los Angeles
19	20	23	Los Angeles
20	4	4	Los Angeles
20	12	12	Los Angeles
20	20	20	Los Angeles
21	18	21	Castle Rock
21	26	15	Castle Rock
22	26	25	Castle Rock
23	26	26	Castle Rock
24	4	5	Los Angeles
25	26	26	Los Angeles
26	26	25	Los Angeles

Spot Beam Interconnectivity at 119°W			
Beam	Downlink Ch.	Uplink Ch.	Uplink Site
1	23	23	Winchester
2	23	24	Winchester
3	23	22	Oakdale
4 or 19	25	25	Oakdale
5 or 38	23	23	Los Angeles
5	29	27	Castle Rock
6	23	22	Castle Rock
7 or 37	29	29	Los Angeles
11	31	29	Winchester
12	31	31	Winchester
13	23	22	Winchester
14 or 16	31	30	Oakdale
15	31	29	Oakdale
16	25	24	Oakdale
17	23	23	Oakdale
18	23	24	Castle Rock
18 or 38	31	31	Los Angeles
20	29	28	Castle Rock
21	31	31	Castle Rock
22	25	26	Castle Rock
23	25	25	Los Angeles
31	25	26	Winchester
31	29	30	Los Angeles
32	25	25	Winchester
32 or 34	29	27	Los Angeles
33	25	28	Winchester
33 or 35	29	32	Los Angeles
34	23	26	Oakdale
35	25	28	Oakdale
36	31	31	Oakdale
37	25	25	Castle Rock
39	31	32	Castle Rock
National	22	22	Los Angeles
National	24	24	Los Angeles
National	26	26	Los Angeles
National	27	27	Los Angeles
National	28	28	Los Angeles
National	30	30	Los Angeles
National	32	32	Los Angeles