**Galaxy 18 Transponder 19**

**Technical Parameters**

|  |  |
| --- | --- |
| **Satellite:** | **Galaxy 18** |
|  |  |
| **Orbital Location:** | **123 Degrees West** |
|  |  |
| **Downlink:** | **4080.00 MHz** |
| **L-band Frequency:** | **1070.00 MHz** |
| **Transponder:** | **19** |
|  |  |
| **Transponder Downlink Polarization:** | **Vertical** |
|  |  |
| **Symbol Rate:** | **30.0000 Msps** |
|  |  |
| **FEC:** | **Auto (5/6)** |
|  |  |
| **Variable Bit Rate Range (all services):** | **2 Mbps – 17 Mbps** |
|  |  |
| **IRD Type:** | **Cisco PowerVu Model D9859/D9858/D9854/D9824/D9800** |
|  | **Addressable/Encrypted** |
|  |  |
| **HD Compression:**  **SD Compression:**  **HD to SD Downconversion - (CVBS/Transcoded Output):** | **MPEG-4/DVB-S2 8PSK Compliant**  **MPEG-2/DVB-S2 8PSK Compliant**  **A/R Conversion: 4:3 Auto AFD** |
|  |  |
| **Program Video & Audio** | **Refer to table below (on page 2)** |
|  |  |
| **Network ID:** | **428** |
| **Cue Triggers:** | **No** |
|  |  |
| **Pre-roll:** | **No** |
|  |  |
| **Local Avail ON:** | **No** |
| **AUTHORIZATION & TECHNICAL ASSISTANCE** | |
| **NBCU Distribution Support** | **201-735-3700** |
|  |  |

**Galaxy 18 Transponder 19**

**Technical Parameters**

(Cont’d)

**Virtual Channel Assignments**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Golf HD** | |  | **NBCSN HD** | |  | **NBCSN HD Alt1** | |  | **Golf HD Alt** | |
| **Virtual Channel**  **10** | |  | **Virtual Channel**  **11** | |  | **Virtual Channel**  **12** | |  | **Virtual Channel**  **13** | |
| **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |
| Video | 110 |  | Video | 1110 |  | Video | 210 |  | Video | 410 |
| Audio 1 | 102 |  | Audio 1 | 1102 |  | Audio 1 | 200 |  | Audio 1 | 402 |
| Audio 2 | 104 |  | Audio 2 | 1104 |  | Audio 2 | 202 |  | Audio 2 | 404 |
| DPI | 140 |  | DPI | 1140 |  | DPI | 240 |  | DPI | 440 |
| DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |
| **Universal Kids West** | |  | **NBCSN HD Alt2** | |  | **Telemundo West SD** | |  | **TVOne HD** | |
| **Virtual Channel**  **15** | |  | **Virtual Channel**  **16** | |  | **Virtual Channel**  **17** | |  | **Virtual Channel**  **18** | |
| **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |
| Video | 150 |  | Video | 710 |  | Video | 170 |  | Video | 180 |
| Audio 1 | 151 |  | Audio 1 | 700 |  | Audio 1 | 171 |  | Audio 1 | 181 |
| Audio 2 | 152 |  | Audio 2 | 702 |  | Audio 2 | 172 |  | Audio 2 | 182 |
| DPI | 155 |  | DPI | 740 |  | DPI | 175 |  | DPI | 185 |
|  |  |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  |  |  |
| **E! West** | |  |  | |  |  | |  |  | |
| **Virtual Channel**  **31** | |  |  | |  |  | |  |  | |
| **PID** | **Value** |  |  |  |  |  |  |  |  |  |
| Video | 310 |  |  |  |  |  |  |  |  |  |
| Audio 1 | 311 |  |  |  |  |  |  |  |  |  |
| Audio 2 | 312 |  |  |  |  |  |  |  |  |  |
| DPI | 315 |  |  |  |  |  |  |  |  |  |
| DTMF Start  DTMF End | 121\*  121# |  |  |  |  |  |  |  |  |  |