**Galaxy 14 Transponder 19**

**Technical Parameters**

|  |  |
| --- | --- |
| **Satellite:** | **Galaxy 14** |
|  |  |
| **Orbital Location:** | **125 Degrees West** |
|  |  |
| **Downlink:** | **4080.00 MHz** |
| **L-band Frequency:** | **1070.00 MHz** |
| **Transponder:** | **19** |
|  |  |
| **Transponder Downlink Polarization:** | **Horizontal** |
|  |  |
| **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:** | **8405** |
| **Cue Triggers:** | **Yes, SCTE 35, DTMF** |
|  |  |
| **Pre-roll:** | **8 seconds** |
|  |  |
| **Local Avail ON:** | **Yes** |
| **AUTHORIZATION & TECHNICAL ASSISTANCE** | |
| **NBCU Distribution Support** | **201-735-3700** |
|  |  |

**Galaxy 14 Transponder 19**

**Technical Parameters**

(Cont’d)

**Virtual Channel Assignments**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CNBC HD** | |  | **CNBC HD Alt** | |  | **Bravo West** | |  | **SYFY West** | |
| **Virtual Channel**  **51** | |  | **Virtual Channel**  **52** | |  | **Virtual Channel**  **53** | |  | **Virtual Channel**  **54** | |
| **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |
| Video | 510 |  | Video | 520 |  | Video | 530 |  | Video | 540 |
| Audio 1 | 511 |  | Audio 1 | 521 |  | Audio 1 | 531 |  | Audio 1 | 541 |
| Audio 2 | 512 |  | Audio 2 | 522 |  | Audio 2 | 532 |  | Audio 2 | 542 |
| DPI | 515 |  | DPI | 525 |  | DPI | 535 |  | DPI | 545 |
| DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |
| **MSNBC** | |  | **USA HD West** | |  | **CNBC WORLD HD** | |  | **CNBC SD** | |
| **Virtual Channel**  **55** | |  | **Virtual Channel**  **56** | |  | **Virtual Channel**  **57** | |  | **Virtual Channel**  **58** | |
| **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |
| Video | 550 |  | Video | 560 |  | Video | 570 |  | Video | 580 |
| Audio 1 | 551 |  | Audio 1 | 561 |  | Audio 1 | 571 |  | Audio 1 | 581 |
| Audio 2 | 552 |  | Audio 2 | 562 |  | Audio 2 | 572 |  | Audio 2 | 582 |
| DPI | 555 |  | DPI | 565 |  | DPI | 575 |  | DPI | 585 |
| DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |  | DTMF Start  DTMF End | 121\*  121# |
| **CNBC SD Alt** | |  | **CNBC World SD** | |  | **USA SD West** | |  | **E! East** | |
| **Virtual Channel**  **59** | |  | **Virtual Channel**  **60** | |  | **Virtual Channel**  **63** | |  | **Virtual Channel**  **64** | |
| **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |  | **PID** | **Value** |
| Video | 590 |  | Video | 600 |  | Video | 630 |  | Video | 640 |
| Audio 1 | 591 |  | Audio 1 | 601 |  | Audio 1 | 631 |  | Audio 1 | 641 |
| Audio 2 | 592 |  | Audio 2 | 602 |  | Audio 2 | 632 |  | Audio 2 | 642 |
| DPI | 595 |  | DPI | 605 |  | DPI | 635 |  | DPI | 645 |
| 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 East** | |  |  |  |  |  |  |  |  |  |
| **Virtual Channel**  **65** | |  |  |  |  |  |  |  |  |  |
| **PID** | **Value** |  |  |  |  |  |  |  |  |  |
| Video | 650 |  |  |  |  |  |  |  |  |  |
| Audio 1 | 651 |  |  |  |  |  |  |  |  |  |
| Audio 2 | 652 |  |  |  |  |  |  |  |  |  |
| DPI | 655 |  |  |  |  |  |  |  |  |  |
| DTMF Start  DTMF End | 121\*  121# |  |  |  |  |  |  |  |  |  |