**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 StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |  | DTMF StartDTMF 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 StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |  | DTMF StartDTMF 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 StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |  | DTMF StartDTMF End | 121\*121# |
| **Universal Kids East** |  |  |  |  |  |  |  |  |  |
| **Virtual Channel****65** |  |  |  |  |  |  |  |  |  |
| **PID** | **Value** |  |  |  |  |  |  |  |  |  |
| Video | 650 |  |  |  |  |  |  |  |  |  |
| Audio 1 | 651 |  |  |  |  |  |  |  |  |  |
| Audio 2 | 652 |  |  |  |  |  |  |  |  |  |
| DPI | 655 |  |  |  |  |  |  |  |  |  |
| DTMF StartDTMF End | 121\*121# |  |  |  |  |  |  |  |  |  |