

START OF JOB SNSBPF 19.01.04 11.51.50 VERSION 4.17 099520430 Hlemouchi 01N
 COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for USASAT-35N (099520430)** EXAMINATION REQUESTED BY : lemouchi DATE: 19/01/04 11:51:50

| | | | | | | | |
|-------------|----------------|---------------------|-----------------|----------------|--------------------|-------------------|--------------|
| USA | USASAT-35N | 91.00W | 0.05 | 0.05 | 15.09.99 | | C 099.520430 |
| KR2H | 33.3 DB | POINTING ACC | 0.10 DEG | | | 099.520430 | |
| EC | 27000 KHZ | 15.09.99 | | | | AR11/A 1871 | 099.898423 |
| 13.76400 | G 27000 KHZ | 27M0F9W-- | 17.4 DBW (MIN) | 23.4 DBW (MAX) | -39.6 DBW/HZ | | 0001 |
| | (5) 5.503 | | | TYPICAL-K4.6M | 54.7 29-25LOG (FI) | OVERLAP 5.500 MHZ | |
| | ALL WORLD | | | | 78.1 7.1 71.0 | | |
| 13.76400 | G 27000 KHZ | 27M0G7W-- | 17.4 DBW (MIN) | 23.4 DBW (MAX) | -50.1 DBW/HZ | | 0001 |
| | (5) 5.503 | | | TYPICAL-K4.6M | 54.7 29-25LOG (FI) | OVERLAP 5.500 MHZ | |
| | ALL WORLD | | | | 72.0 1.0 71.0 | | |
| 13.76400 | G 27000 KHZ | 5M57G7W-- | 13.3 DBW (MIN) | 16.8 DBW (MAX) | -49.9 DBW/HZ | | 0001 |
| | (5) 5.503 | | | TYPICAL-K4.6M | 54.7 29-25LOG (FI) | OVERLAP 5.500 MHZ | |
| | ALL WORLD | | | | 71.5 0.5 71.0 | | |
| EC | 27000 KHZ | 15.09.99 | | | | AR11/A 1871 | 099.898424 |
| 13.76400 | G 27000 KHZ | 27M0F9W-- | 14.9 DBW (MIN) | 20.9 DBW (MAX) | -42.1 DBW/HZ | | 0001 |
| | (5) 5.503 | | | TYPICAL-K6.1M | 57.2 29-25LOG (FI) | OVERLAP 5.500 MHZ | |
| | ALL WORLD | | | | 78.1 7.1 71.0 | | |
| 13.76400 | G 27000 KHZ | 27M0G7W-- | 14.9 DBW (MIN) | 20.9 DBW (MAX) | -52.6 DBW/HZ | | 0001 |
| | (5) 5.503 | | | TYPICAL-K6.1M | 57.2 29-25LOG (FI) | OVERLAP 5.500 MHZ | |
| | ALL WORLD | | | | 72.0 1.0 71.0 | | |
| 13.76400 | G 27000 KHZ | 5M57G7W-- | 10.8 DBW (MIN) | 14.3 DBW (MAX) | -52.4 DBW/HZ | | 0001 |
| | (5) 5.503 | | | TYPICAL-K6.1M | 57.2 29-25LOG (FI) | OVERLAP 5.500 MHZ | |
| | ALL WORLD | | | | 71.5 0.5 71.0 | | |

KR2V

33.3 DB POINTING ACC 0.10 DEG

099.520430

| EC | 27000 KHZ | 15.09.99 | AR11/A | 1871 | 099.898421 |
|----------|-------------|-----------|----------------|----------------|-------------------|
| 13.77600 | G 27000 KHZ | 27M0F9W-- | 17.4 DBW (MIN) | 23.4 DBW (MAX) | -39.6 DBW/HZ |
| | (5) 5.503 | | | TYPICAL-K4.6M | 54.7 29-25LOG(FI) |
| | ALL WORLD | | | | 78.1 7.1 71.0 |
| 13.77600 | G 27000 KHZ | 27M0G7W-- | 17.4 DBW (MIN) | 23.4 DBW (MAX) | -50.1 DBW/HZ |
| | (5) 5.503 | | | TYPICAL-K4.6M | 54.7 29-25LOG(FI) |
| | ALL WORLD | | | | 72.4 1.4 71.0 |
| 13.77600 | G 27000 KHZ | 5M57G7W-- | 13.3 DBW (MIN) | 16.8 DBW (MAX) | -49.9 DBW/HZ |
| | (5) 5.503 | | | TYPICAL-K4.6M | 54.7 29-25LOG(FI) |
| | ALL WORLD | | | | 71.5 0.5 71.0 |
| EC | 27000 KHZ | 15.09.99 | AR11/A | 1871 | 099.898422 |
| 13.77600 | G 27000 KHZ | 27M0F9W-- | 14.9 DBW (MIN) | 20.9 DBW (MAX) | -42.1 DBW/HZ |
| | (5) 5.503 | | | TYPICAL-K6.1M | 57.2 29-25LOG(FI) |
| | ALL WORLD | | | | 78.1 7.1 71.0 |
| 13.77600 | G 27000 KHZ | 27M0G7W-- | 14.9 DBW (MIN) | 20.9 DBW (MAX) | -52.6 DBW/HZ |
| | (5) 5.503 | | | TYPICAL-K6.1M | 57.2 29-25LOG(FI) |
| | ALL WORLD | | | | 72.4 1.4 71.0 |
| 13.77600 | G 27000 KHZ | 5M57G7W-- | 10.8 DBW (MIN) | 14.3 DBW (MAX) | -52.4 DBW/HZ |
| | (5) 5.503 | | | TYPICAL-K6.1M | 57.2 29-25LOG(FI) |
| | ALL WORLD | | | | 71.5 0.5 71.0 |

| KT2H | | 33.8 DB POINTING ACC 0.10 DEG | | | 099.520430 | | | | | |
|----------|---------------|-------------------------------|-----------|-----------------------|------------|--------|-----|-------------------|------------|--|
| EC | | 27000 KHZ | 15.09.99 | | AR11/A | 1871 | | | 099.898470 | |
| 10.97600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0001 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.00600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0002 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.03600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0003 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.06600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0004 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.09600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0005 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.12600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0006 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.15600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0007 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.18600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0008 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A | 1871 | | | 099.898471 | |
| 10.97600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0001 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.00600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0002 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.03600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0003 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.06600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0004 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.09600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0005 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.12600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0006 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.15600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0007 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.18600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0008 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A | 1871 | | | 099.898472 | |
| 10.97600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0001 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.00600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0002 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | | 082W29 | 41N58 | CAN | REF. BW 0.004 MHZ | | |
| | | | | | 33.2 | -138.0 | | 2.0 -140.0 | | |
| 11.03600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | 0003 | |

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|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | | | | | | |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | AR11/A | 1871 | | | | 099.898473 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | | 0001 |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | REF. BW 0.004 MHZ | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | 2.0 -140.0 | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0003 |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0004 |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0005 |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0006 |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0007 |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0008 |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | | | | | | |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | AR11/A | 1871 | | | | 099.898474 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | | 0001 |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | REF. BW 0.004 MHZ | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | 2.0 -140.0 | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0003 |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0004 |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0005 |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | 0006 |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |

| | | | | | | | | | | |
|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898475 |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898476 |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |

| KT2V | | 33.8 DB POINTING ACC 0.10 DEG | | | | 099.520430 | | | |
|----------|----------------|-------------------------------|-----------------|-----------------------|-------------|-------------------|------------|------------|--|
| EC | | 27000 KHZ | 15.09.99 | | AR11/A 1871 | | | 099.898491 | |
| 10.96400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 10.99400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0002 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.02400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0003 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.05400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0004 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.08400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0005 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.11400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0006 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.14400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0007 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.17400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0008 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A 1871 | | | 099.898492 | |
| 10.96400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 10.99400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0002 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.02400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0003 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.05400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0004 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.08400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0005 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.11400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0006 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.14400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0007 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.17400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0008 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A 1871 | | | 099.898493 | |
| 10.96400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 10.99400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0002 | |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 -138.0 | REF. BW 0.004 MHZ | 2.0 -140.0 | | |
| 11.02400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0003 | |

| | | | | | | | | | | |
|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | | | | | | |
| 10.96400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | AR11/A | 1871 | | | | 099.898494 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | | 0001 |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | REF. BW 0.004 MHZ | |
| 10.99400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.02400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | | | | | | |
| 10.96400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | AR11/A | 1871 | | | | 099.898495 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | | 0001 |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | REF. BW 0.004 MHZ | |
| 10.99400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.02400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |

| | | | | | | | | | | |
|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898496 |
| 10.96400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 10.99400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.02400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898497 |
| 10.96400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 10.99400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.02400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 082W29 41N58 CAN | 33.2 | -138.0 | | | 2.0 -140.0 | |

| KT3H | | 34.2 DB POINTING ACC 0.10 DEG | | | | 099.520430 | | | |
|----------|----------------|-------------------------------|-----------|-----------------------|------------------|-------------|-------------------|------------|--|
| EC | | 27000 KHZ | 15.09.99 | | AR11/A 1871 | | | 099.898477 | |
| 10.97600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.00600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0002 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.03600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0003 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.06600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0004 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.09600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0005 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.12600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0006 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.15600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0007 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.18600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0008 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A 1871 | | | 099.898478 | |
| 10.97600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.00600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0002 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.03600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0003 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.06600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0004 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.09600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0005 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.12600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0006 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.15600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0007 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.18600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0008 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A 1871 | | | 099.898479 | |
| 10.97600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.00600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0002 | |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | | | |
| | ALL WORLD | | | | 014W24 07S58 ASC | 26.4 -145.6 | REF. BW 0.004 MHZ | | |
| 11.03600 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0003 | |

| | | | | | | | | | | |
|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898480 |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898500 |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |

| | | | | | | | | | | |
|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898501 |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| EC | 27000 KHZ | 15.09.99 | | | AR11/A | 1871 | | | | 099.898502 |
| 10.97600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.00600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.03600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.06600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.09600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.12600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.15600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.18600 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |

| KT3V | | 34.2 DB POINTING ACC 0.10 DEG | | | 099.520430 | | | |
|----------|----------------|-------------------------------|-----------|-----------------------|------------|-----------|-------------------|------------|
| EC | | 27000 KHZ | 15.09.99 | | AR11/A | 1871 | | 099.898483 |
| 10.96400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 10.99400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0002 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.02400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0003 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.05400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0004 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.08400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0005 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.11400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0006 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.14400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0007 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.17400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0008 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A | 1871 | | 099.898484 |
| 10.96400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 10.99400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0002 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.02400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0003 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.05400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0004 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.08400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0005 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.11400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0006 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
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| 11.17400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0008 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| EC | | 27000 KHZ | 15.09.99 | | AR11/A | 1871 | | 099.898485 |
| 10.96400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | 0001 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 10.99400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0002 |
| | (6) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 014W24 | 07S58 ASC | 4.4 -150.0 | |
| 11.02400 | G | 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | 26.4 | -145.6 | | 0003 |

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|----------|---------------|-----------|-----------------------|------------------|--------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| EC | 27000 KHZ | 15.09.99 | | | | | | | | |
| 10.96400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | AR11/A | 1871 | | | | 099.898486 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | | 0001 |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | REF. BW 0.004 MHZ | |
| 10.99400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.02400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.14400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.17400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| EC | 27000 KHZ | 15.09.99 | | | | | | | | |
| 10.96400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | AR11/A | 1871 | | | | 099.898487 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | | 0001 |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | REF. BW 0.004 MHZ | |
| 10.99400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.02400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.05400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.08400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.11400 | G 27000 KHZ | 27M0F9W-- | 18.3 DBW -44.7 DBW/HZ | | | | | | | 0006 |

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|----------|---------------|----------|---------------------------------|------------------|------|--------|--|--|-------------------|------------|
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.14400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| 11.17400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
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| EC | 27000 KHZ | 15.09.99 | | | | | | | | 099.898488 |
| | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0001 |
| 10.96400 | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| 11.14400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0007 |
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| 11.17400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0008 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| EC | 27000 KHZ | 15.09.99 | | | | | | | | 099.898489 |
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| 10.96400 | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| 10.99400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0002 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |
| 11.02400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0003 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| 11.05400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0004 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| 11.08400 | G 27000 KHZ | | 27M0F9W-- 18.3 DBW -44.7 DBW/HZ | | | | | | | 0005 |
| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
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| | (6) RR 21.16 | | FIXED-SATELLITE | | | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 014W24 07S58 ASC | 26.4 | -145.6 | | | 4.4 -150.0 | |

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PROGRAM SNSBPFD TERMINATED OK.