

START OF JOB SNSBPF 06.01.04 17.20.25 VERSION 4.17 099520518 H karina 01N
 COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for USASAT-35Y (099520518)** EXAMINATION REQUESTED BY : karina DATE: 06/01/04 17:20:25

USA USASAT-35Y 133.00W 0.05 0.05 19.11.99 C 099.520518

| CT1H | 30.9 DB | POINTING ACC | 0.10 DEG | 099.520518 |
|------------|---------------|--------------|-----------------------|-----------------------------|
| EC | 36000 KHZ | 19.11.99 | | AR11/A 1882 099.906155 |
| 3740.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 0001 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3780.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0002 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3820.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0003 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3860.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0004 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3900.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0005 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3940.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0006 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3980.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0007 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 4020.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0008 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 4060.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0009 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 4100.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0010 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 4140.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0011 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 4180.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0012 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| EC | 36000 KHZ | 19.11.99 | | AR11/A 1882 099.906156 |
| 3740.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 0001 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3780.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0002 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3820.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0003 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3860.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0004 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |
| 3900.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW -52.5 DBW/HZ | 29.8 -150.0 2.0 -152.0 0005 |
| | (5) RR 21.16 | | FIXED-SATELLITE | |
| | ALL WORLD | | 060W02 43N55 CAN | REF. BW 0.004 MHZ |

| | | | | | | | | | |
|------------|---------------|-----------|----------|-----------------|------------------|-------------|-------------------|------------|------|
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3940.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0006 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3980.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0007 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4020.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0008 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4060.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0009 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4100.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0010 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4140.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0011 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4180.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0012 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| EC | 36000 KHZ | 19.11.99 | | | | AR11/A 1882 | | 099.906157 | |
| 3740.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0001 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3780.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0002 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3820.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0003 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3860.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0004 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3900.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0005 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3940.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0006 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3980.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0007 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4020.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0008 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4060.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0009 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4100.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0010 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4140.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0011 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4180.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0012 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |

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|------------|---------------|-----------|-----------------|------------------|-------------|-------------------|------------|
| EC | 36000 KHZ | 19.11.99 | | | AR11/A 1882 | | 099.906158 |
| 3740.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0001 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3780.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0002 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3820.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0003 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3860.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0004 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3900.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0005 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3940.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0006 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3980.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0007 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 4020.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0008 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 4060.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0009 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 4100.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0010 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 4140.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0011 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 4180.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0012 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| EC | 36000 KHZ | 19.11.99 | | | AR11/A 1882 | | 099.906159 |
| 3740.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0001 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3780.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0002 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3820.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0003 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3860.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0004 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3900.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0005 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3940.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0006 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |
| 3980.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | 0007 |
| | (5) RR 21.16 | | FIXED-SATELLITE | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | |

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|------------|------|-------|-------|-----------|------|-----|-------|-----------------|--------|-------|-----|---------|--------|-----|
| 4020.00000 | M | 36000 | KHZ | 36M0F9W-- | 10.5 | DBW | -52.5 | DBW/HZ | | | | | 0008 | |
| | (5) | RR | 21.16 | | | | | FIXED-SATELLITE | | | | | | |
| | ALL | WORLD | | | | | | | 060W02 | 43N55 | CAN | 29.8 | -150.0 | |
| | | | | | | | | | | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | | | | 2.0 | -152.0 | |
| 4060.00000 | M | 36000 | KHZ | 36M0F9W-- | 10.5 | DBW | -52.5 | DBW/HZ | | | | | 0009 | |
| | (5) | RR | 21.16 | | | | | FIXED-SATELLITE | | | | | | |
| | ALL | WORLD | | | | | | | 060W02 | 43N55 | CAN | 29.8 | -150.0 | |
| | | | | | | | | | | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | | | | 2.0 | -152.0 | |
| 4100.00000 | M | 36000 | KHZ | 36M0F9W-- | 10.5 | DBW | -52.5 | DBW/HZ | | | | | 0010 | |
| | (5) | RR | 21.16 | | | | | FIXED-SATELLITE | | | | | | |
| | ALL | WORLD | | | | | | | 060W02 | 43N55 | CAN | 29.8 | -150.0 | |
| | | | | | | | | | | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | | | | 2.0 | -152.0 | |
| 4140.00000 | M | 36000 | KHZ | 36M0F9W-- | 10.5 | DBW | -52.5 | DBW/HZ | | | | | 0011 | |
| | (5) | RR | 21.16 | | | | | FIXED-SATELLITE | | | | | | |
| | ALL | WORLD | | | | | | | 060W02 | 43N55 | CAN | 29.8 | -150.0 | |
| | | | | | | | | | | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | | | | 2.0 | -152.0 | |
| 4180.00000 | M | 36000 | KHZ | 36M0F9W-- | 10.5 | DBW | -52.5 | DBW/HZ | | | | | 0012 | |
| | (5) | RR | 21.16 | | | | | FIXED-SATELLITE | | | | | | |
| | ALL | WORLD | | | | | | | 060W02 | 43N55 | CAN | 29.8 | -150.0 | |
| | | | | | | | | | | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | | | | 2.0 | -152.0 | |

CT1V

30.9 DB POINTING ACC 0.10 DEG

099.520518

| EC | 36000 KHZ | 19.11.99 | AR11/A | 1882 | 099.906162 |
|------------|---------------|---------------------------------|--------|--------|---------------------------------|
| 3720.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0001 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3760.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0002 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3800.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0003 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3840.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0004 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3880.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0005 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3920.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0006 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3960.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0007 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 4000.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0008 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 4040.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0009 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 4080.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0010 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 4120.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0011 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 4160.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0012 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| EC | 36000 KHZ | 19.11.99 | AR11/A | 1882 | 099.906163 |
| 3720.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0001 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3760.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0002 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3800.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0003 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3840.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0004 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3880.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0005 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3920.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0006 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |
| 3960.00000 | M 36000 KHZ | 36M0F9W-- 10.5 DBW -52.5 DBW/HZ | | | 0007 |
| | (5) RR 21.16 | FIXED-SATELLITE | | | |
| | ALL WORLD | 060W02 43N55 CAN | 29.8 | -150.0 | REF. BW 0.004 MHZ 2.0 -152.0 |

| | | | | | | | | | |
|------------|---------------|-----------|-----------|-----------------|------------------|-------------|------------|-------------------|------------|
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4000.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0008 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4040.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0009 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4080.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0010 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4120.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0011 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4160.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0012 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| EC | 36000 KHZ | 19.11.99 | | | | AR11/A 1882 | | | 099.906164 |
| 3720.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0001 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3760.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0002 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3800.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0003 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3840.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0004 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3880.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0005 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3920.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0006 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3960.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0007 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4000.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0008 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4040.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0009 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4080.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0010 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4120.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0011 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4160.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0012 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| EC | 36000 KHZ | 19.11.99 | | | | AR11/A 1882 | | | 099.906165 |
| 3720.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0001 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3760.00000 | M | 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | 0002 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |

| | | | | | | | | | |
|------------|---------------|-----------|----------|-----------------|------------------|-------------|------------|-------------------|------|
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3800.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0003 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3840.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0004 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3880.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0005 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3920.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0006 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3960.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0007 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4000.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0008 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4040.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0009 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4080.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0010 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4120.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0011 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4160.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0012 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| EC | 36000 KHZ | 19.11.99 | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3720.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | AR11/A 1882 | | 099.906166 | 0001 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3760.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0002 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3800.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0003 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3840.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0004 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3880.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0005 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3920.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0006 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 3960.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0007 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4000.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0008 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |
| 4040.00000 | M 36000 KHZ | 36M0F9W-- | 10.5 DBW | -52.5 DBW/HZ | | | | | 0009 |
| | (5) RR 21.16 | | | FIXED-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | | 060W02 43N55 CAN | 29.8 -150.0 | 2.0 -152.0 | | |

