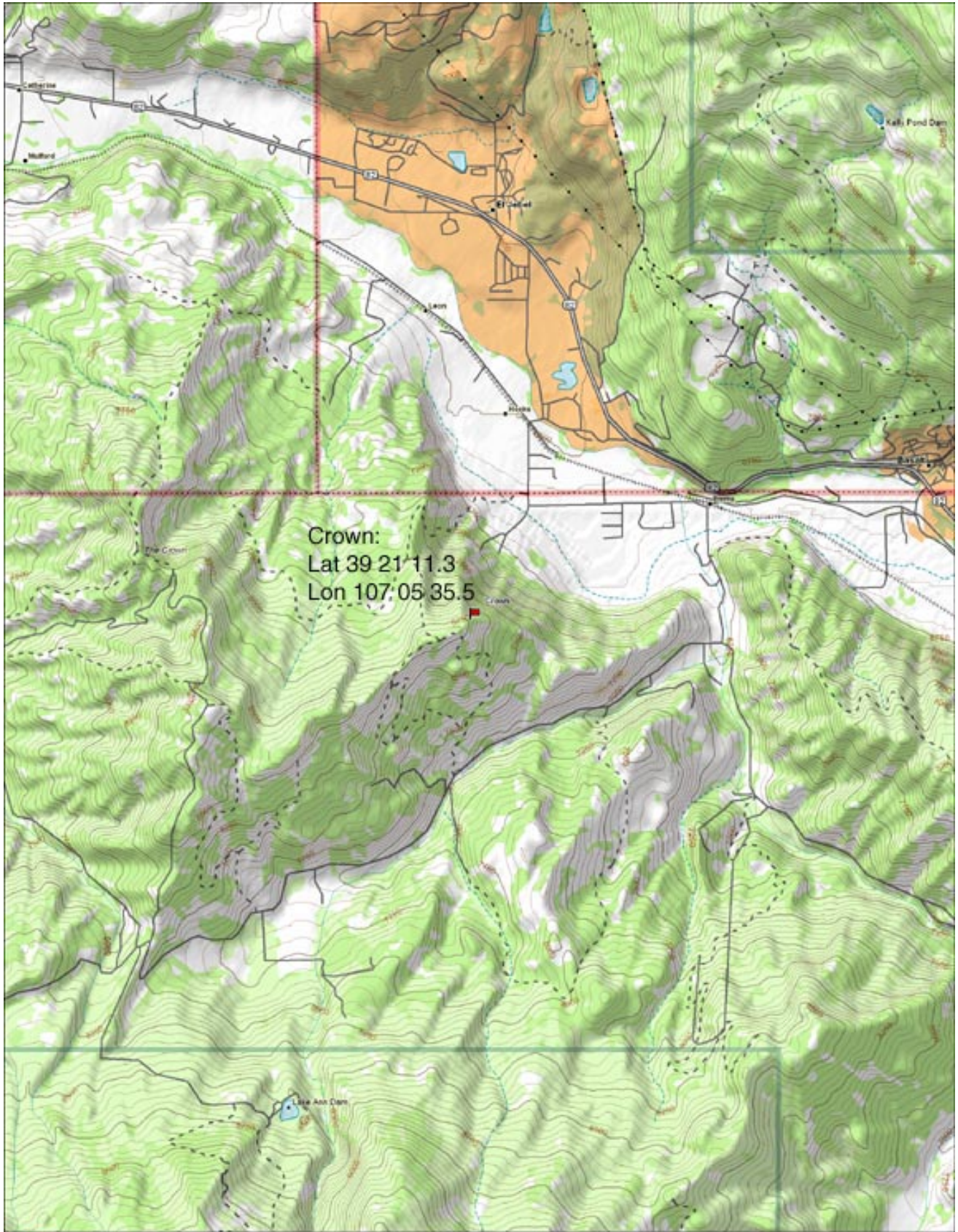


Appendix A.2 - Crown



Crown
June 28, 2006



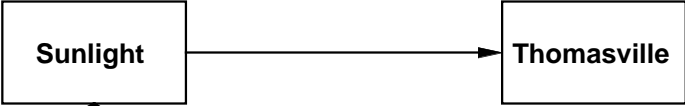
Crown:
Lat 39 21 11.3
Lon 107 05 35.5



Sunlight

| Call Sign | Freq. in | Freq. out | Donor |
|---------------|----------|-----------|-------------------------|
| K207DT (KDNK) | 88.1 | 89.3 | Sunlight |
| K240AB (KJYE) | 92.3 | 95.9 | Black Ridge |
| K265CS (KMGJ) | 93.1 | 100.9 | Black Ridge |
| K247AD (KSPN) | 103.1 | 97.3 | Lower Red |
| K235AN (KSNO) | 103.9 | 94.9 | NE of Snowmass Village |
| K232AD (KNFO) | 106.1 | 94.3 | Williams Broadcast Site |

Red Hill



Thomasville

| Call Sign | Freq. in | Freq. out. | Donor |
|---------------|----------|------------|------------------------|
| K235AP (KDNK) | 88.1 | 94.9 | Sunlight |
| K215BC (KCJX) | 88.9 | 90.9 | Sunlight |
| K229AI (KVOV) | 90.5 | 93.7 | Sunlight |
| K246AH (KKCH) | 92.7 | 97.1 | Sunlight |
| K242AV (KNFO) | 94.3 | 96.3 | Sunlight Trans. |
| K251AK (KJYE) | 95.9 | 98.1 | Sunlight Trans. silent |

Lower Red



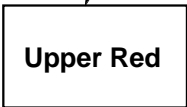
Elephant

| Call Sign | Freq. in | Freq. out | Donor |
|---------------|----------|-----------|-----------------|
| K203EH (KDNK) | 88.1 | 88.5 | Sunlight |
| K215BD (KCJX) | 88.9 | 90.9 | Sunlight |
| K230AG (KVOV) | 90.5 | 93.9 | Sunlight |
| K236AN (KNFO) | 94.3 | 95.1 | Sunlight Trans. |
| K278BD (KSNO) | 94.9 | 103.5 | Sunlight Trans. |
| K272DB (KJYE) | 95.9 | 102.3 | Sunlight Trans. |
| K252CU (KSPN) | 97.3 | 98.3 | Sunlight Trans. |



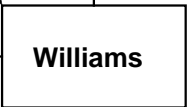
Crown

| Call Sign | Freq. in | Freq. out | Donor |
|---------------|----------|-----------|------------------------|
| K211EX (KCJX) | 88.9 | 90.1 | Sunlight |
| K222AN (KVOV) | 90.5 | 92.3 | Sunlight |
| K203EG (KDNK) | 94.7 | 88.5 | Williams Trans. |
| K272AM (KJYE) | 95.9 | 102.3 | Sunlight Trans. |
| K261AK (KSPN) | 103.1 | 100.1 | Lower Red |
| K278AG (KSNO) | 103.9 | 103.5 | NE of Snowmass Village |



Upper Red

| Call Sign | Freq. in | Freq. out | Donor |
|---------------|----------|-----------|-----------------|
| K268BJ (KVOV) | 90.5 | 101.5 | Sunlight |
| K216BF (KAJX) | 91.5 | 91.1 | Smuggler Mt. |
| K210BO (KLXV) | 91.9 | 89.9 | Sunlight |
| K202AT (KDNK) | 94.7 | 88.3 | Williams Trans. |
| K274AT (KRVG) | 95.5 | 102.7 | Sunlight |



Williams

| Call Sign | Freq. in | Freq. out | Donor |
|---------------|----------|-----------|-----------------|
| K234BJ (KDNK) | 88.1 | 94.7 | Sunlight |
| K230AN (KVOV) | 90.5 | 93.9 | Sunlight |
| K209EY (KAJX) | 91.5 | 89.7 | Smuggler Mt. |
| K288FV (KJYE) | 95.9 | 105.5 | Sunlight Trans. |



Jackrabbit

| Call Sign | Freq. in | Freq. out. | Donor |
|---------------|----------|------------|--------------|
| K215AC (KAJX) | 91.5 | 90.9 | Smuggler Mt. |

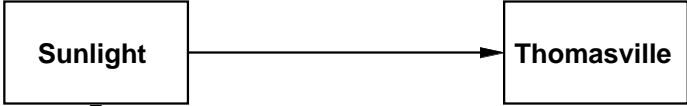
Loges

- Notes:**
1. Some signals are translated twice
 2. Loges and Red Hill are Inactive
 3. Lower Red is TV only
 4. Arrows indicate path between translators

Sunlight

| Call Sign | Ch. in | Ch. out | Donor |
|------------------|--------|---------|----------------------------------|
| K45HL (KJCT ABC) | 8 | 45- | Grand Mesa |
| K58AA (KKCO NBC) | 12-DT | 58 | Black Ridge |
| K31CW (KRMJ PBS) | 49 | 31+ | Sunlight |
| K29CK (KDVR FOX) | SAT | 29z | Denver |
| K48IC (KREG CBS) | 3 | 48+ | Sunlight (direct feed via cable) |

Red Hill



Thomasville

| Call Sign | Ch. in | Ch. out | Donor |
|------------------|--------|---------|-----------------|
| K05JA (KJCT ABC) | 45- | 5 N | Sunlight Trans. |
| K09LE (KKCO NBC) | 58 | 9 N | Sunlight Trans. |
| K04PO (KRMJ PBS) | 31+ | 4+ | Sunlight Trans. |
| K11LM (KDVR FOX) | 29 | 11z* | Sunlight Trans. |
| K07KF (KREG CBS) | 48+ | 7N | Sunlight Trans. |

*Changing from channel 14.

Upper Red



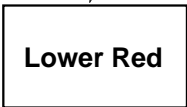
Elephant

| Call Sign | Ch. in | Ch. out | Donor |
|------------------|--------|---------|-----------------|
| K02IO (KJCT ABC) | 45- | 2z | Sunlight Trans. |
| K09XN (KKCO NBC) | 58 | 9z | Sunlight Trans. |
| K04HP (KRMJ PBS) | 31+ | 4z | Sunlight Trans. |
| K18GD (KDVR FOX) | 29 | 18+ | Sunlight Trans. |
| K11VC (KREG CBS) | 48+ | 11z | Sunlight Trans. |



Crown

| Call Sign | Ch. in | Ch. out | Donor |
|------------------|--------|---------|-----------------|
| K09AG (KJCT ABC) | 45- | 9z | Sunlight Trans. |
| K07KR (KKCO NBC) | 58 | 7z | Sunlight Trans. |
| K36GX (KRMJ PBS) | 31+ | 36z | Sunlight Trans. |
| K33HY (KDVR FOX) | 29 | 33+ | Sunlight Trans. |
| K05MB (KREG CBS) | 48+ | 5z* | Sunlight Trans. |



Lower Red

| Call Sign | Ch. in | Ch. out | Donor |
|------------------------------|--------|---------|-----------------|
| KO2HI (KJCT ABC) | 45- | 2z | Sunlight Trans. |
| K08HN (KKCO NBC) | 58 | 8 | Sunlight Trans. |
| K06HU (KRMJ PBS) | 31+ | 6 | Sunlight Trans. |
| K04HH (KREG CBS) | 48+ | 4z | Sunlight Trans. |
| K19FH (cable 12 Grass Roots) | 19 | | Microwave |
| K21HF (cable 11 CGTV) | 21 | | Microwave |



Williams

| Call Sign | Ch. in | Ch. out | Donor |
|------------------|--------|---------|-----------------|
| K07RN (KJCT ABC) | 45- | 7N | Sunlight Trans. |
| K13MT (KKCO NBC) | 58 | 13 | Sunlight Trans. |
| K11LW (KRMJ PBS) | 31+ | 11N | Sunlight Trans. |
| K39HE (KDVR FOX) | 29 | 39+ | Sunlight Trans. |
| K50IN (KREG CBS) | 48+ | 50- | Sunlight Trans. |

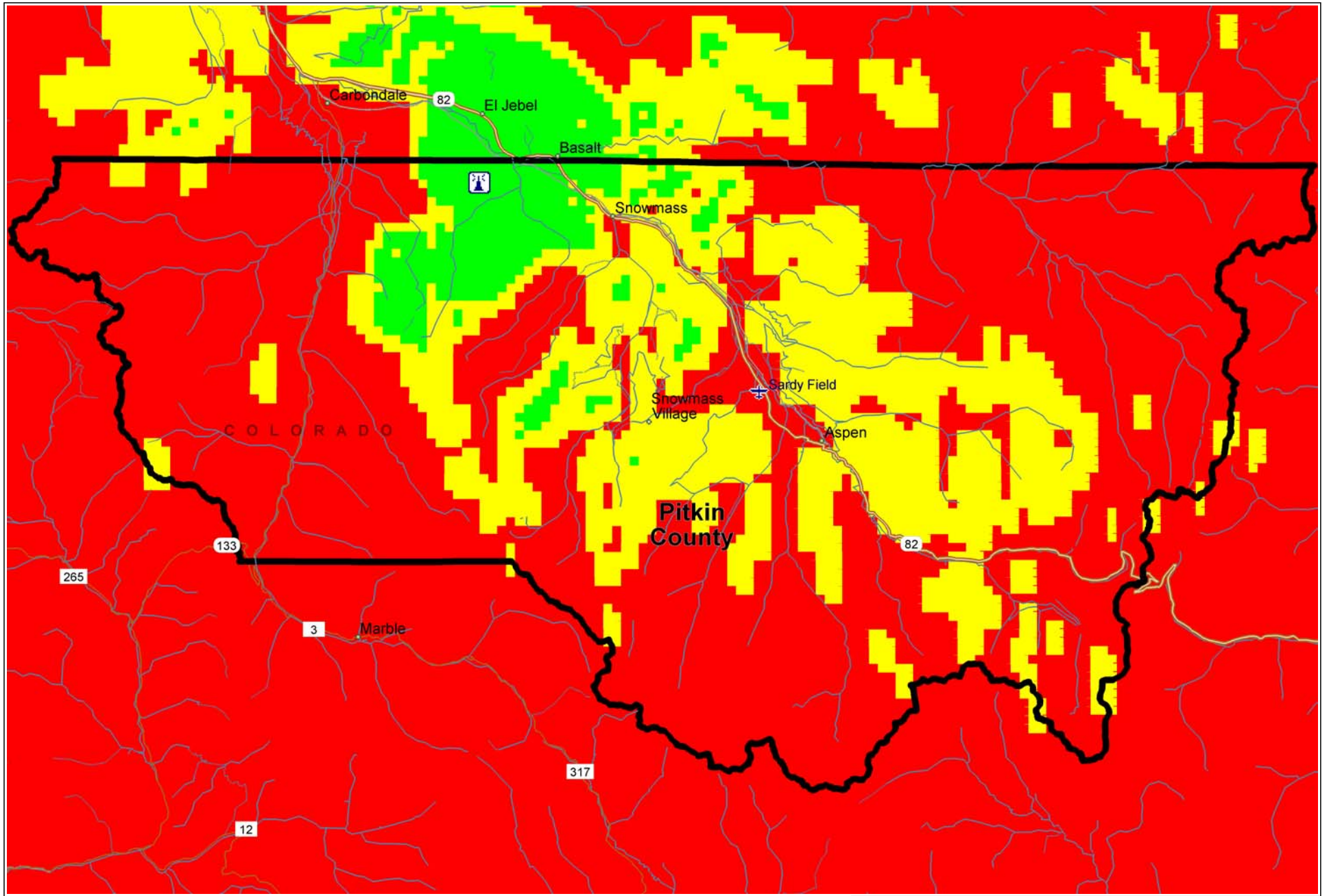
Jack Rabbit

Loges

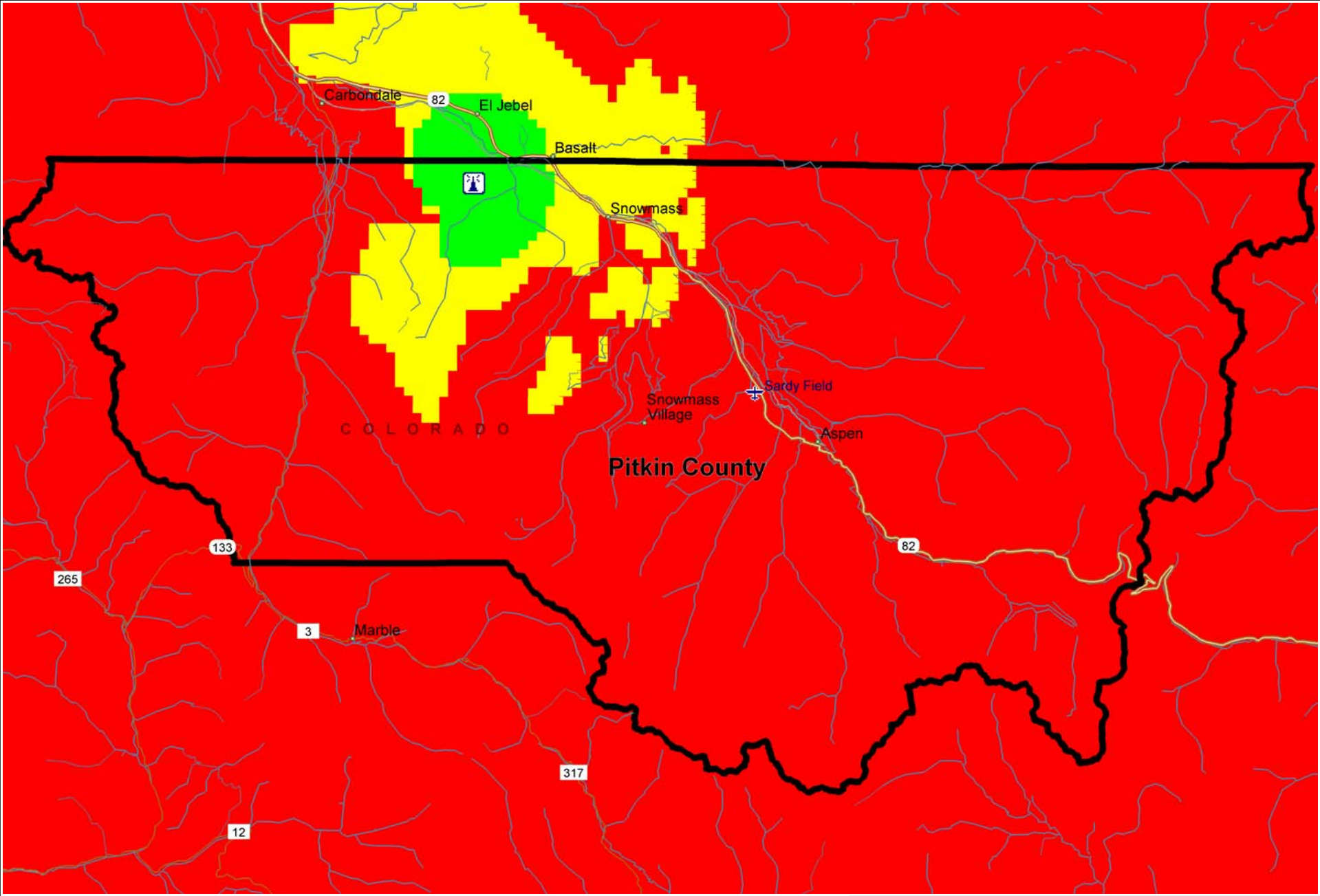
- Notes:**
1. Most signals are translated twice
 2. Loges and Red Hill are Inactive
 3. Upper Red & Jack Rabbit are FM only
 4. Arrows indicate path between translators
 5. Red text indicates new, not yet constructed

TV System Diagram
(As of 10/6/06)

Crown FM: 40, 50 dBu = Red, Yellow, Green

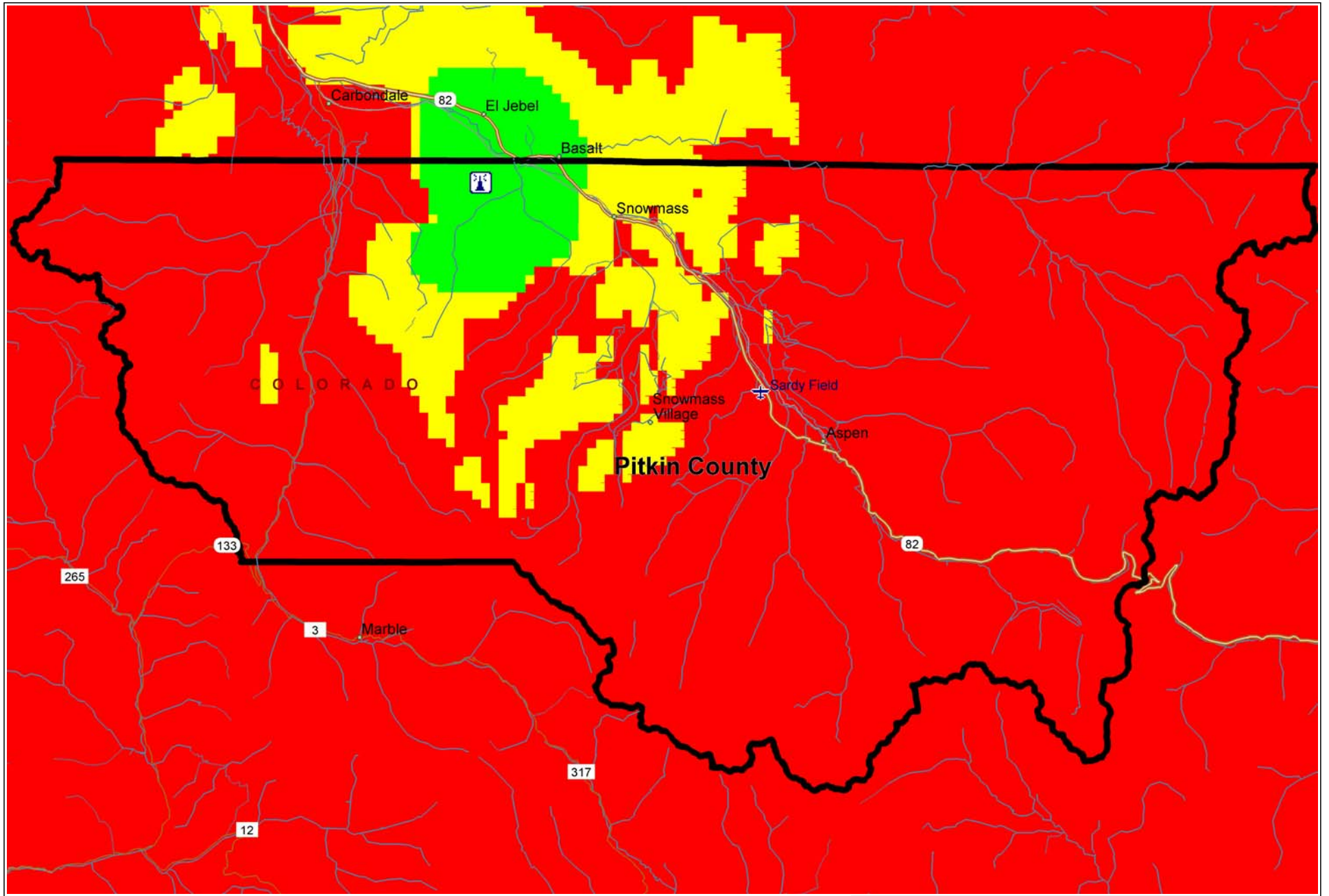


Crown VHF-TV: 60, 70 dBu = Red, Yellow, Green



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© Copyright 2002 by Geographic Data Technology, Inc. All rights reserved. © 2002 Navigation Technologies. All rights reserved. This data includes information taken with permission from Canadian authorities © 1991-2002 Government of Canada (Statistics Canada and/or Geomatics Canada), all rights reserved.

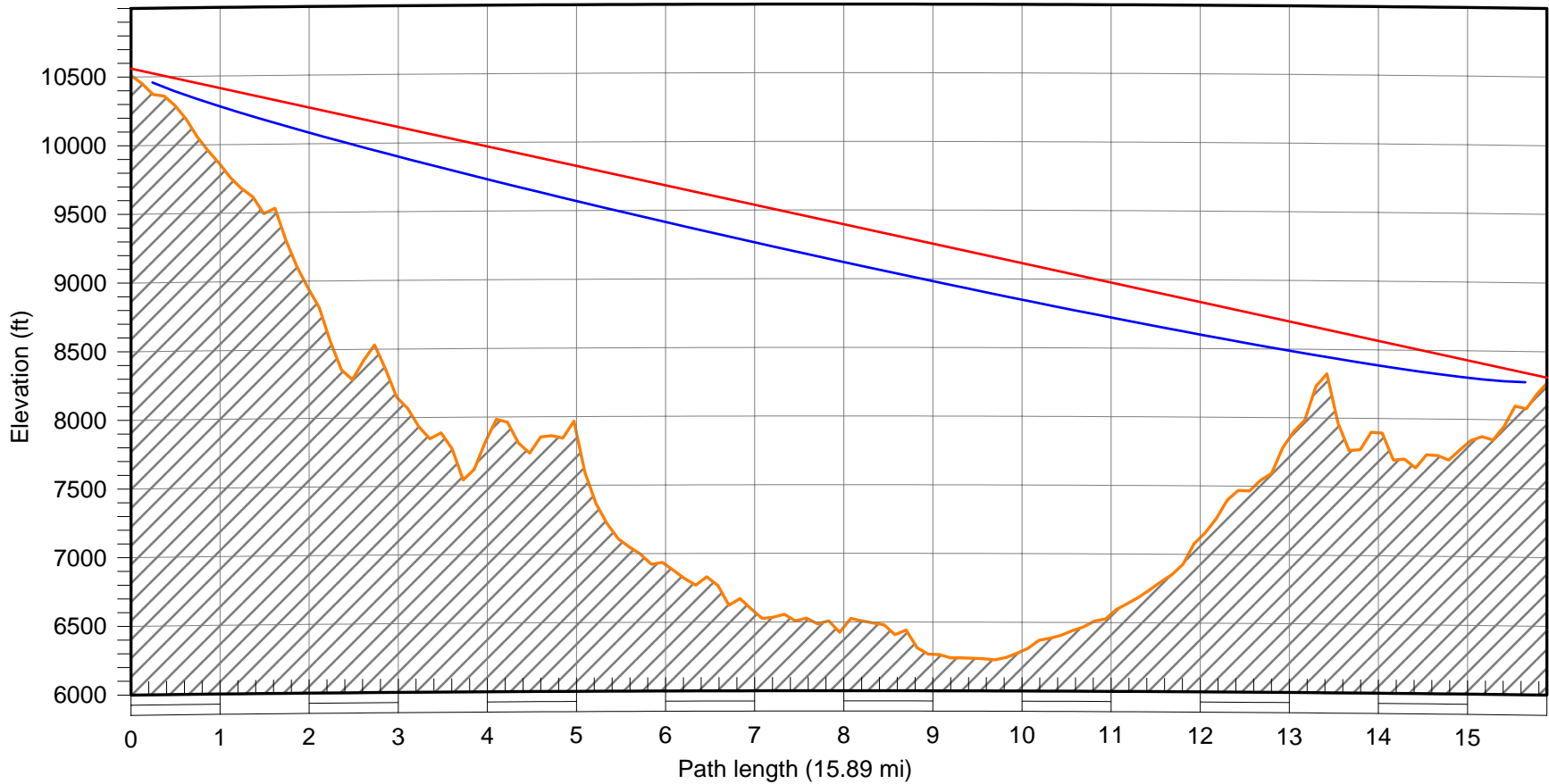
Crown UHF-TV: 60, 70 dBu = Red, Yellow, Green



Sunlight
 Latitude 39 25 23.00 N
 Longitude 107 22 34.00 W
 Azimuth 107.60°
 Elevation 10512 ft ASL
 Antenna CL 49.9 ft AGL

Frequency (MHz) = 98.0
 K = 1.33
 %F1 = 60.00

Crown
 Latitude 39 21 11.00 N
 Longitude 107 05 36.00 W
 Azimuth 287.78°
 Elevation 8271 ft ASL
 Antenna CL 40.0 ft AGL



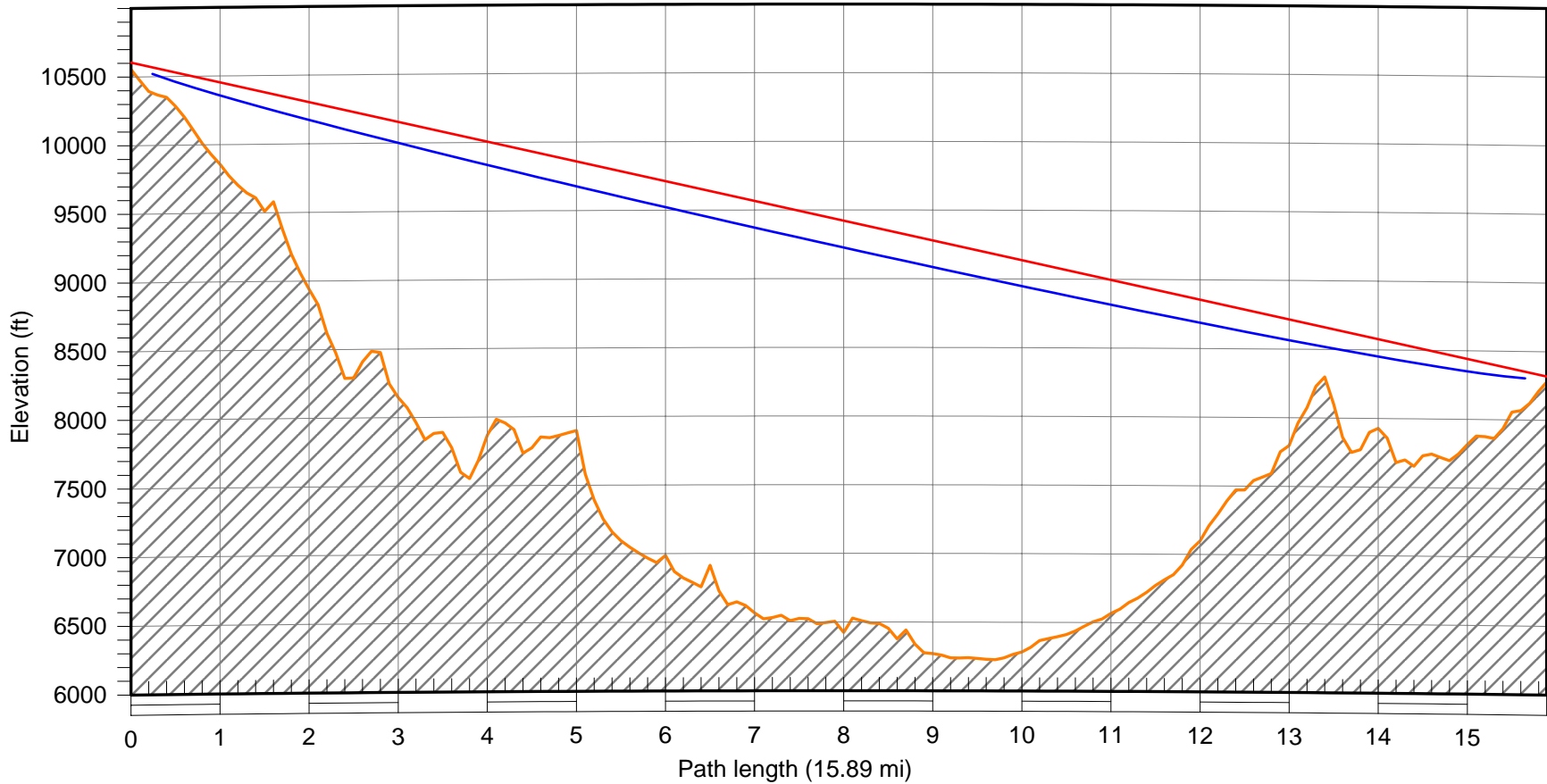
Pericle Communications Company

| | | | |
|--|--|-----------|--|
| | | Sep 01 06 | |
| | | | |

Sunlight
 Latitude 39 25 23.00 N
 Longitude 107 22 34.00 W
 Azimuth 107.60°
 Elevation 10555 ft ASL
 Antenna CL 49.9 ft AGL

Frequency (MHz) = 195.0
 K = 1.33
 %F1 = 60.00

Crown
 Latitude 39 21 11.00 N
 Longitude 107 05 36.00 W
 Azimuth 287.78°
 Elevation 8279 ft ASL
 Antenna CL 40.0 ft AGL



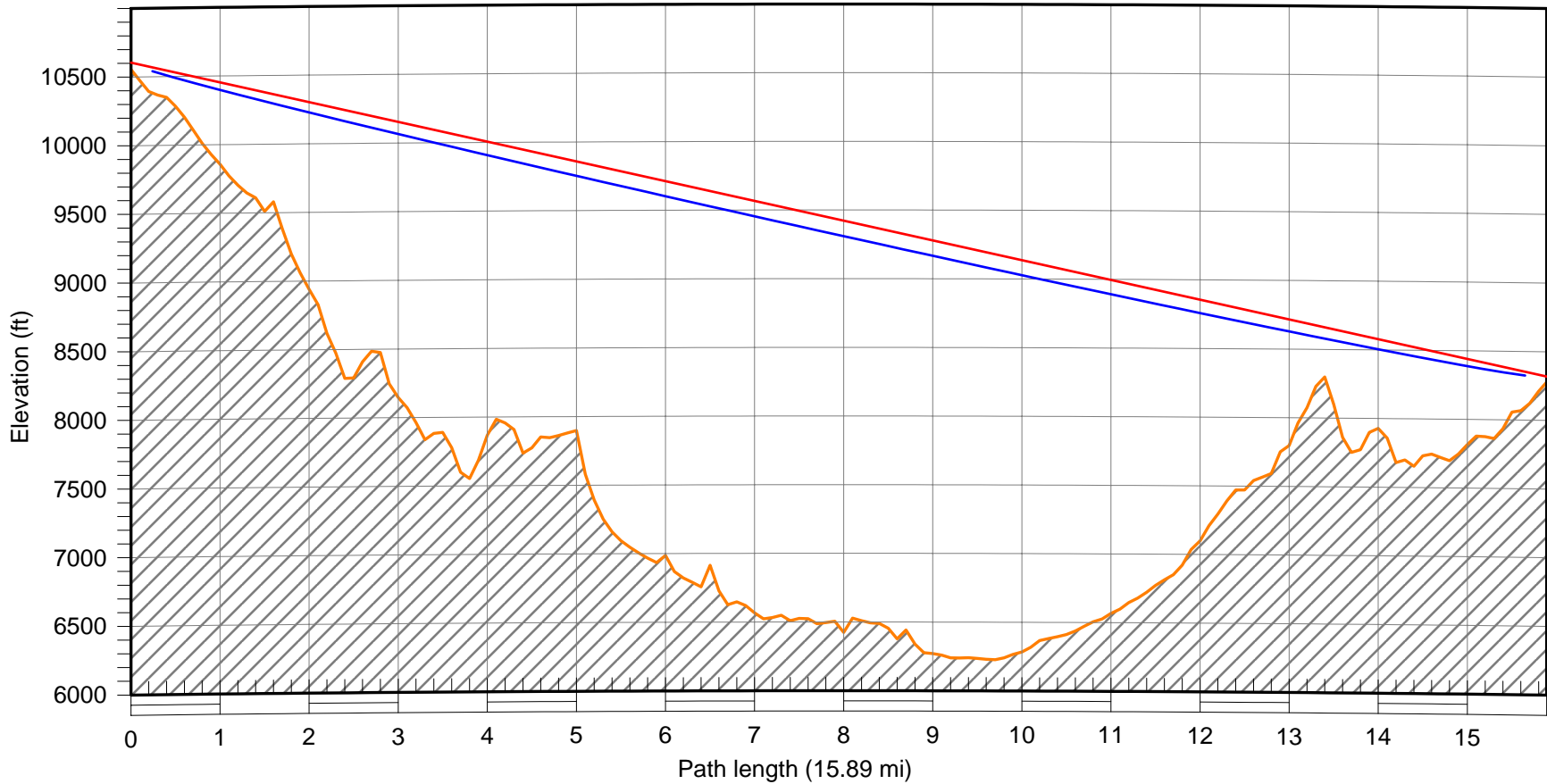
Pericle Communications Company

| | | |
|--|-----------|--|
| | Sep 01 06 | |
|--|-----------|--|

Sunlight
 Latitude 39 25 23.00 N
 Longitude 107 22 34.00 W
 Azimuth 107.60°
 Elevation 10555 ft ASL
 Antenna CL 49.9 ft AGL

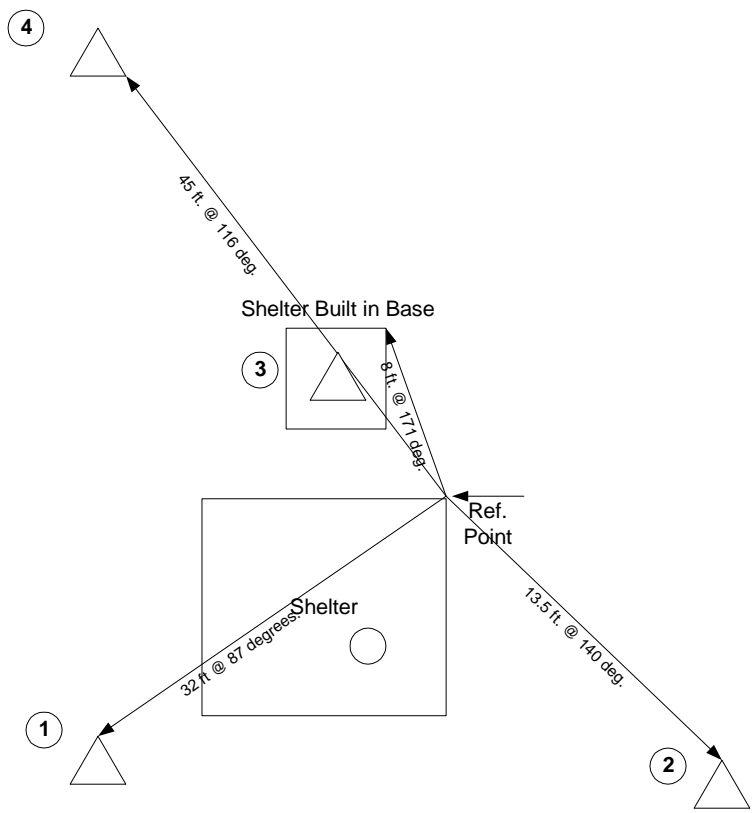
Frequency (MHz) = 584.0
 K = 1.33
 %F1 = 60.00

Crown
 Latitude 39 21 11.00 N
 Longitude 107 05 36.00 W
 Azimuth 287.78°
 Elevation 8279 ft ASL
 Antenna CL 40.0 ft AGL



Pericle Communications Company

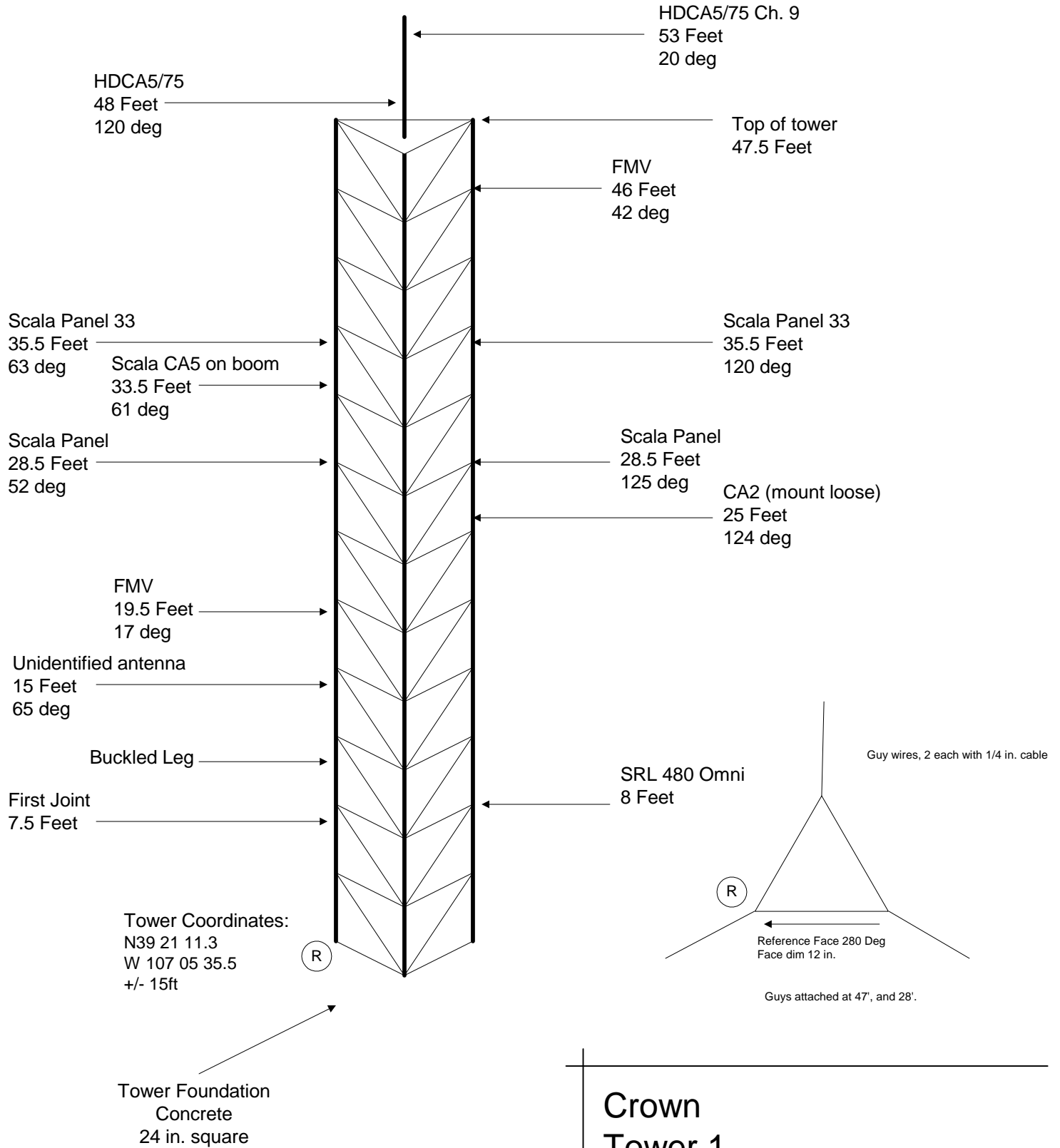
| | | |
|--|-----------|--|
| | Sep 01 06 | |
| | | |



Site Diagram Crown

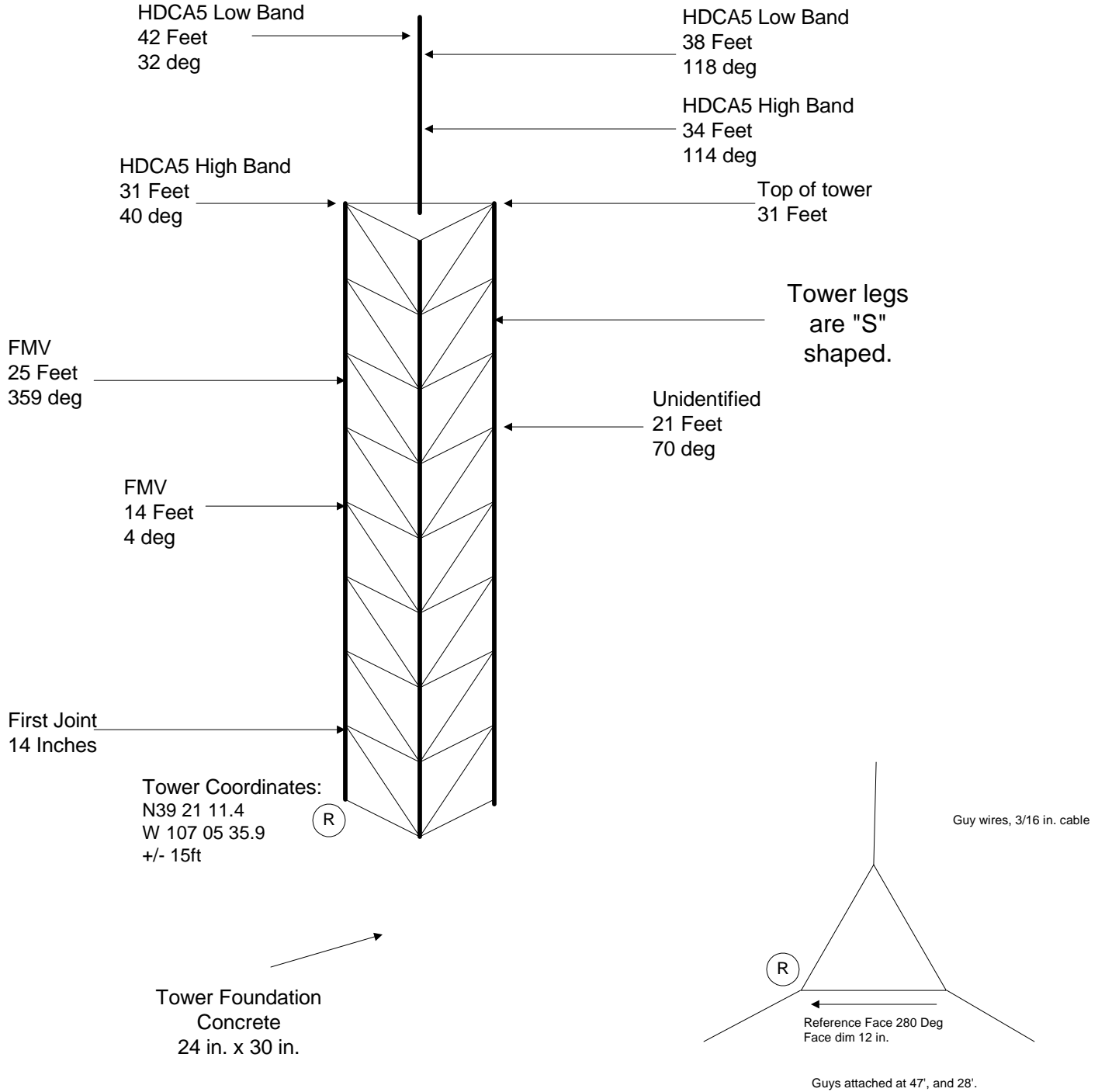
Crown Site Diagram.vsd

TOWER IS OVERLOADED AND HAS FAILED!

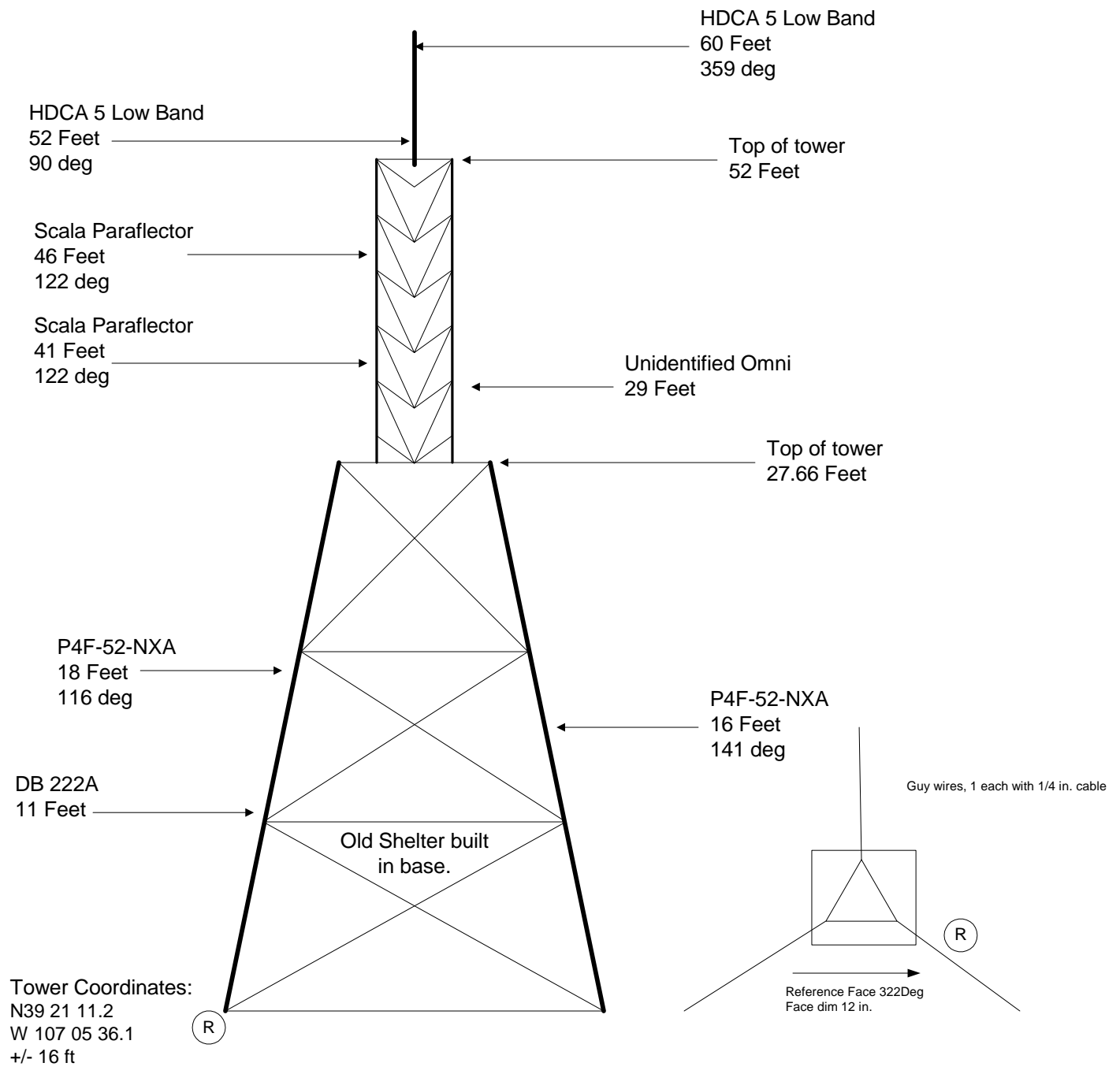


**Crown
Tower 1**
Crown Tower 1.vsd

TOWER IS OVERLOADED!

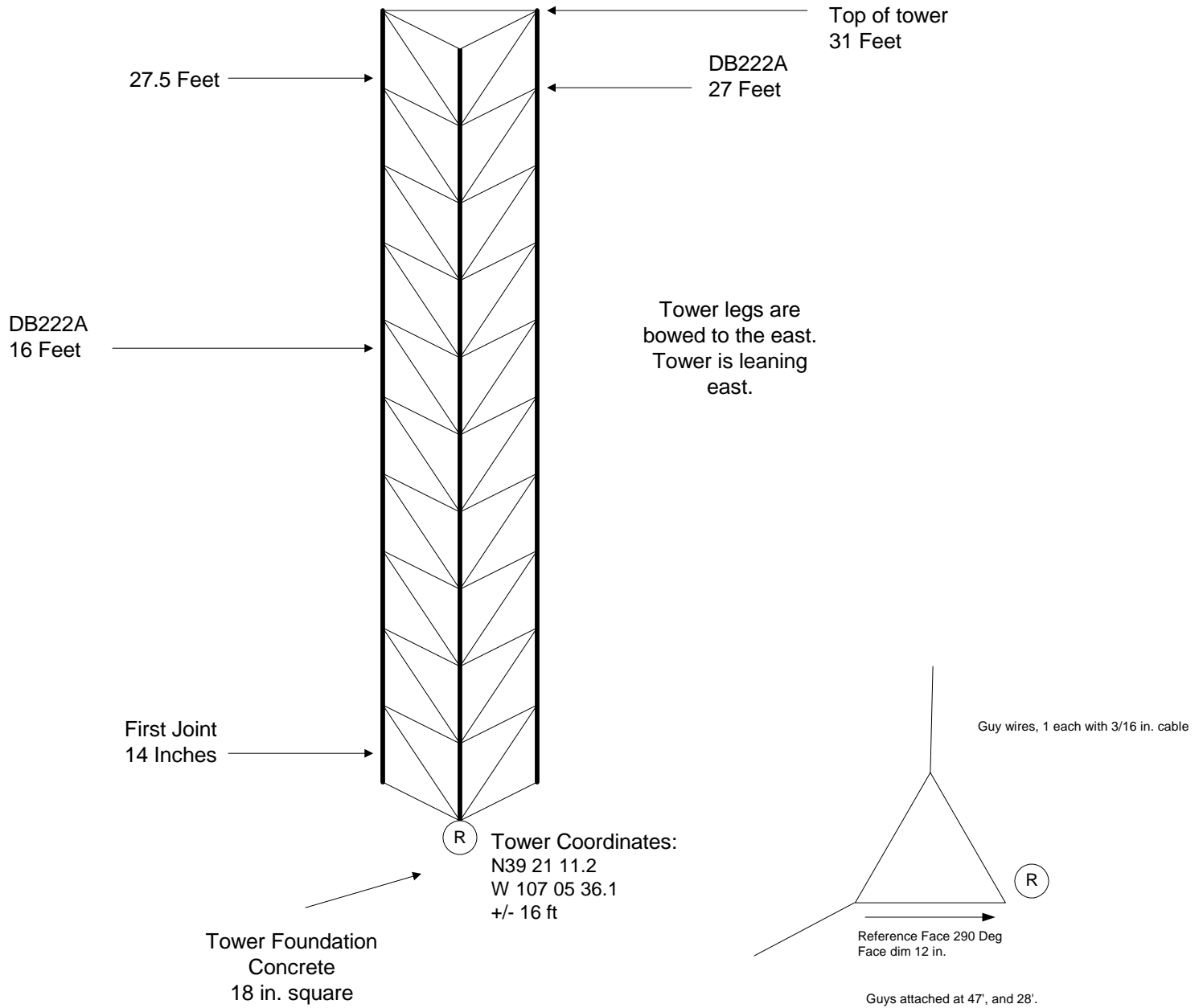


Crown
Tower 2
 Crown Tower 2.vsd



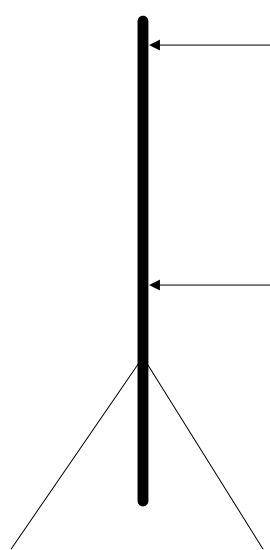
**Crown
 Tower 3**
 Crown Tower 3.vsd

TOWER IS OVERLOADED



Crown
Tower 4
Crown Tower 4.vsd

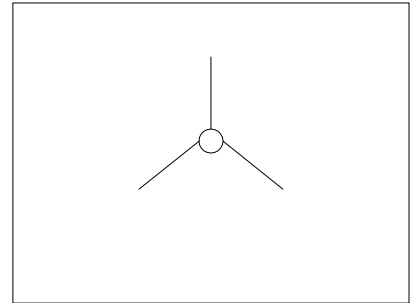
Roof Top
6.5 Feet



CA2 KDNK
16.5 Feet
111 deg

CA2 KDNK
11.5 Feet
24 deg

Shelter Roof



Crown
Tower 5
Crown Tower 5.vsd

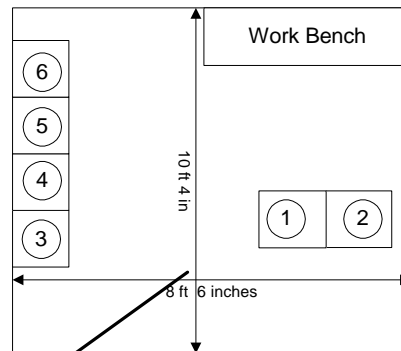


Pericle Communications Company

Rack 1 Crown

| | |
|----|--|
| 1 | |
| 2 | |
| 3 | Open 6.75 inches |
| 4 | |
| 5 | Tepco J317 FMXL (90.3 IN, 92.3 OUT) KVOD 3.75 inches |
| 6 | |
| 7 | Open 5.25 inches |
| 8 | |
| 9 | |
| 10 | Larcen FM 25 (88.9 IN, 90.1 OUT) KAJX - 1.75 inches |
| 11 | |
| 12 | Open 4.5 inches |
| 13 | |
| 14 | Tepco FMXL (103.1 IN, 100.1 OUT) KSPN T518 3.5 inches |
| 15 | |
| 16 | Open - 1.75 inches |
| 17 | |
| 18 | Tepco FMXL J317 (103.9 IN, 103.5 OUT) KSNO 3.5 inches |
| 19 | |
| 20 | Open - 1.75 inches |
| 21 | |
| 22 | Tepco FMXL J317 (88.1 IN, 88.5 OUT) KDWK 3.5 inches |
| 23 | |
| 24 | Open - 1.75 inches |
| 25 | |
| 26 | |
| 27 | |
| 28 | |
| 29 | |
| 30 | |
| 31 | |
| 32 | |
| 33 | Open |
| 34 | |
| 35 | |
| 36 | |
| 37 | |
| 38 | |
| 39 | |
| 40 | |
| 41 | |
| 42 | |
| 43 | |
| 44 | |

1 6'6" open frame rack



Crown Rack 1

Crown Rack 1.vsd



Pericle Communications Company

Rack 2 Crown

| | |
|----|--|
| 1 | Open 15.5 inches |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | Larcan L-TTC Chan. (45 IN, IF OUT) - 1.75 inches |
| 11 | 1 inch |
| 12 | EMCEE (IF IN, 9 OUT) 10.25 inches |
| 13 | |
| 14 | |
| 15 | |
| 16 | 1.75 inches |
| 17 | Larcan L-TTC Chan. (29 IN, 33 OUT) - 1.75 inches |
| 18 | |
| 19 | 1.75 inches |
| 20 | Larcan MX-200 5.25 inches |
| 21 | |
| 22 | 1 inch |
| 23 | Larcan TTC-CP (49 IN, 36 OUT) - 1.75 inches |
| 24 | |
| 25 | Larcan TTC MX-200 5.25 inches |
| 26 | |
| 27 | 2.75 inches |
| 28 | Larcan TTC-CP (48 IN, 5 OUT) - 1.75 inches |
| 29 | |
| 30 | Emcee TVXL 58 IN, ? OUT 1.25 |
| 31 | |
| 32 | |
| 33 | |
| 34 | Open App. 15 inches |
| 35 | |
| 36 | |
| 37 | |
| 38 | |
| 39 | |
| 40 | |
| 41 | |
| 42 | |
| 43 | |
| 44 | |

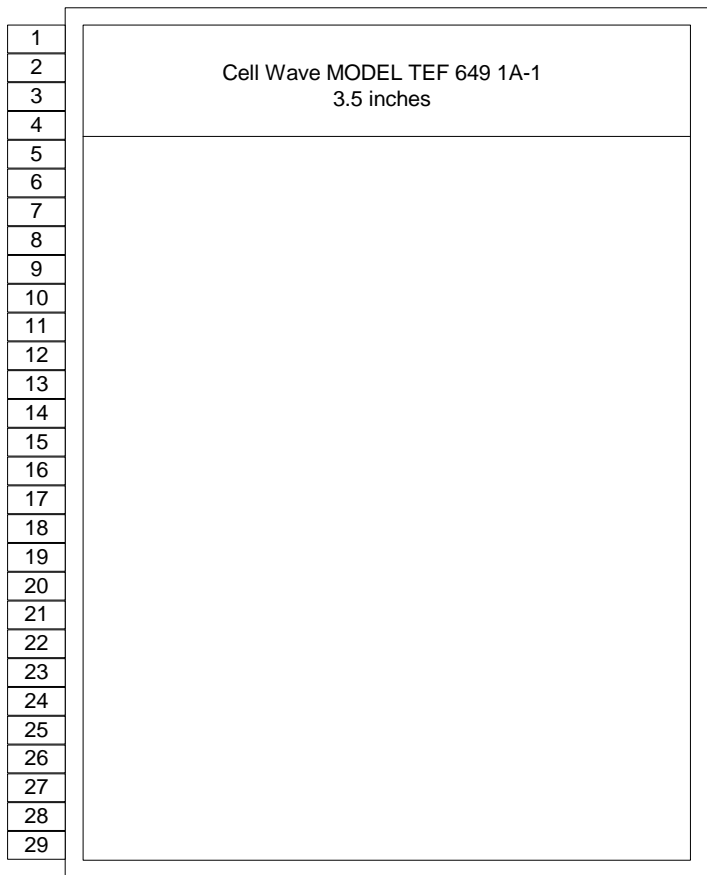
Crown Rack 2

Crown Rack 2.vsd



Pericle Communications Company

Rack 3 Crown



1 Rack Height 51.5 inches

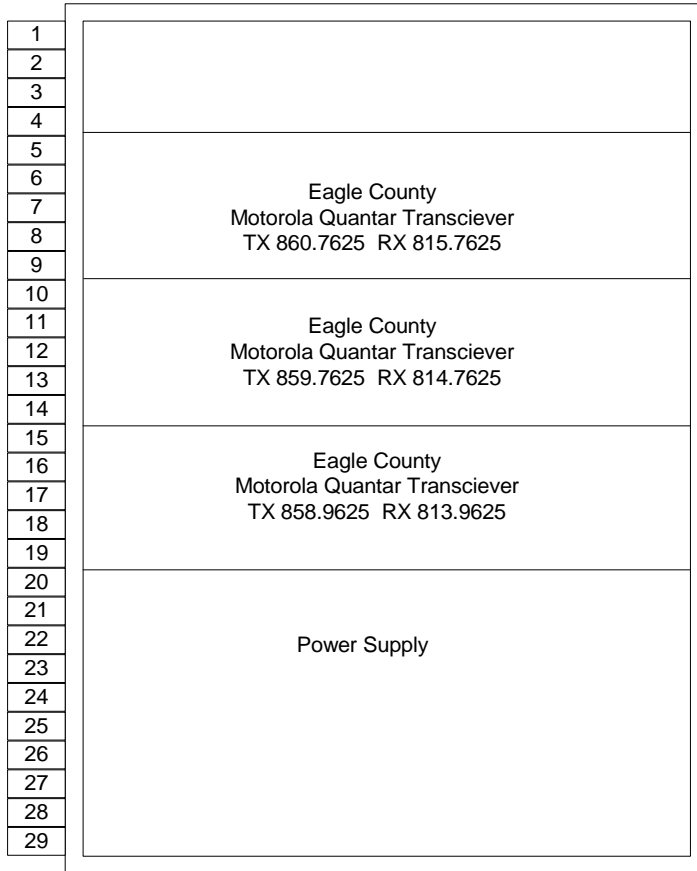
Crown Rack 3

Crown Rack 3.vsd



Pericle Communications Company

Rack 4 Crown



Rack Height 51.5 inches

Crown Rack 4

Crown Rack 4.vsd



Pericle Communications Company

Rack 5 Crown

| | |
|----|-----------------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | Motorola MTR 2000 |
| 5 | 5.25 inches |
| 6 | |
| 7 | GE/Repeater 154.770 AJAX SMV |
| 8 | 3.5 inches |
| 9 | |
| 10 | Lynx 5.8 A2 to AJAX A1 |
| 11 | 3.5 inches |
| 12 | |
| 13 | Lynx 5.8 B1 to SUNLIGHT B2 |
| 14 | 3.5 inches |
| 15 | |
| 16 | Trip Lite UPS |
| 17 | 3.5 inches |
| 18 | |
| 19 | Motorola Quantar Basalt Fire Base |
| 20 | 8.75 inches |
| 21 | |
| 22 | |
| 23 | ATT Paradyn Channel Bank |
| 24 | 9 inches |
| 25 | |
| 26 | |
| 27 | Astron DC Supply 24 Volts |
| 28 | 5.25 inches |
| 29 | |
| 30 | 1.75 inches |
| 31 | |
| 32 | |
| 33 | |
| 34 | |
| 35 | |
| 36 | |
| 37 | Batteries |
| 38 | |
| 39 | |
| 40 | |
| 41 | |

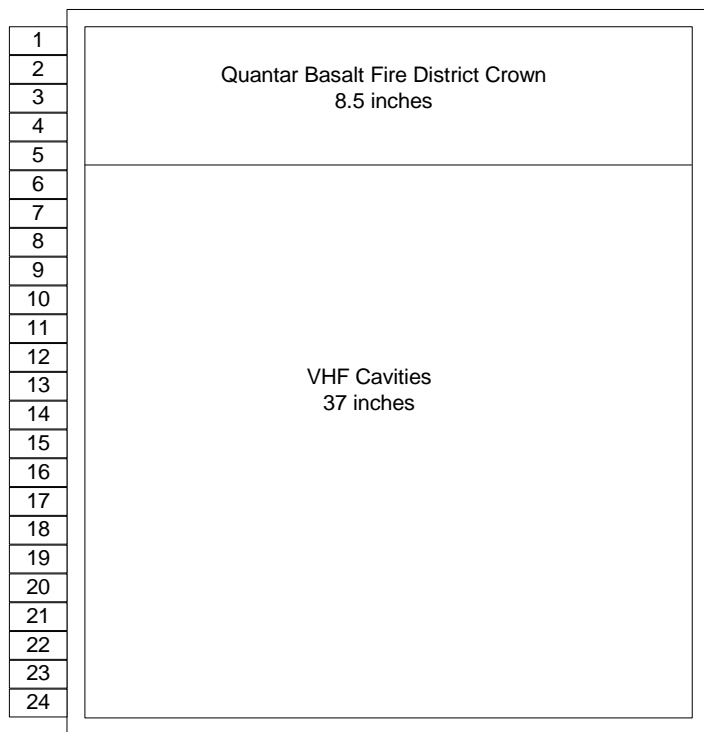
Crown Rack 5

Crown Rack 5.vsd



Pericle Communications Company

Rack 6 Crown



Crown Rack 6

Crown Rack 6.vsd

Pericle Communications

Project: Pitkin County

Client : Pitkin County

Site Name: Crown
 Site Coordinates:

Comment: Minor TV changes

Engineer: Dan Mieszala
 Date: 09-12-2006
 Time: 08:30:03

Run Options: All Orders
 RX Bandwidth: Receiver Dependent

Data File Name: pitkincrown.dta
 Hit File Name: pitkincrown.H3
 Calc File Name: pitkincrown.C3

Start Order...: 1
 End Order.....: 5

ComSitePlus (tm)

INTERMODULATION HIT LIST

Page 1

| NO. | ID | TX FREQ | CH LABEL | TX-TX EXCLUSION | NO. | ID | RX FREQ | CH LABEL | TX-RX EXCLUSION |
|-----|----|-----------|-----------------|-----------------|-----|----|-----------|-----------------|-----------------|
| 1 | B | 88.50000 | KDNK | | 1 | B | 94.70000 | KDNK | |
| 2 | C | 90.10000 | KAJX | | 2 | C | 88.90000 | KAJX | |
| 3 | D | 100.10000 | KSPN | | 3 | D | 103.10000 | KSPN | |
| 4 | E | 102.30000 | KJYE | | 4 | E | 95.90000 | KJYE | E |
| 5 | F | 103.50000 | KSNO | | 5 | F | 103.90000 | KSNO | |
| 6 | G | 92.30000 | KVOV | | 6 | G | 90.50000 | KVOV | |
| 7 | H | 77.25000 | KREG CBS | | 7 | H | 675.26000 | KREG CBS | |
| 8 | I | 81.75000 | KREG CBS Audio | | 8 | I | 679.76000 | KREG CBS Audio | |
| 9 | J | 175.25000 | KKCO NBC | | 9 | J | 735.25000 | KKCO NBC | |
| 10 | K | 179.75000 | KKCO NBC Audio | | 10 | K | 739.75000 | KKCO NBC Audio | |
| 11 | L | 187.25000 | KJCT ABC | | 11 | L | 657.24000 | KJCT ABC | |
| 12 | M | 191.75000 | KJCT ABC Audio | | 12 | M | 661.74000 | KJCT ABC Audio | |
| 13 | N | 585.26000 | KDVR FOX | | 13 | N | 561.25000 | KDVR FOX | |
| 14 | O | 589.76000 | KDVR FOX Audio | | 14 | O | 565.75000 | KDVR FOX Audio | |
| 15 | P | 603.25000 | KRMJ PBS | | 15 | P | 573.26000 | KRMJ PBS | |
| 16 | Q | 607.75000 | KRMJ PBS Audio | | 16 | Q | 577.76000 | KRMJ PBS Audio | |
| 17 | T | 858.96250 | Eagle County 3 | | 17 | T | 813.96250 | Eagle County 3 | |
| 18 | U | 859.96250 | Eagle County 4 | | 18 | U | 814.96250 | Eagle County 4 | |
| 19 | V | 860.96250 | Eagle 5 | | 19 | V | 815.96250 | Eagle 5 | |
| 20 | W | 6795.6250 | Eagle County Mi | **EXCLUDED** | 20 | W | 6995.6250 | Eagle County Mi | **EXCLUDED** |
| 21 | X | 154.77000 | AJAXSMV | | 21 | X | 154.77000 | AJAXSMV | X |
| 22 | Y | 154.44500 | Basal Fire | | 22 | Y | 154.44500 | Basal Fire | Y |
| 23 | Z | 153.77000 | Pitkin County | | 23 | Z | 153.77000 | Pitkin County | Z |

Station Exclusions: W

| HIT # | TRANSMITTER FREQUENCY COMBINATIONS | INTERMOD FREQUENCY | IM BW (kHz) | AFFECTED RX FREQ | DIFF (MHz) |
|----------------------------------|--|--------------------|-------------|------------------|------------|
| ORDER 1 THROUGH 5 - 1 AT A TIME: | | | | | |
| NONE | | | | | |
| ----- | | | | | |
| 2nd ORDER - 2 AT A TIME: | | | | | |
| 1 | (-1)90.10000 + (-1)585.26000 | = 675.36000 | 0 | 675.26000 | 0.1000 |
| ----- | | | | | |
| 3rd ORDER - 2 AT A TIME: | | | | | |
| 2 | (-2)90.10000 + (1)859.96250 | = 679.76250 | 0 | 679.76000 | 0.0025 |
| 3 | (-2)92.30000 + (1)859.96250 | = 675.36250 | 0 | 675.26000 | 0.1025 |
| 4 | (-2)77.25000 + (-1)585.26000 | = 739.76000 | 0 | 739.75000 | 0.0100 |
| ----- | | | | | |
| 3rd ORDER - 3 AT A TIME: | | | | | |
| 5 | (-1)88.50000 + (1)90.10000 + (1)102.30000 | = 103.90000 | 0 | 103.90000 | 0.0000 |
| 6 | (-1)88.50000 + (1)100.10000 + (1)92.30000 | = 103.90000 | 0 | 103.90000 | 0.0000 |
| 7 | (1)88.50000 + (-1)858.96250 + (1)860.96250 | = 90.50000 | 0 | 90.50000 | 0.0000 |
| 8 | (1)90.10000 + (1)102.30000 + (-1)103.50000 | = 88.90000 | 0 | 88.90000 | 0.0000 |
| 9 | (-1)90.10000 + (1)175.25000 + (1)589.76000 | = 674.91000 | 0 | 675.26000 | 0.3500 |
| 10 | (-1)90.10000 + (1)179.75000 + (1)585.26000 | = 674.91000 | 0 | 675.26000 | 0.3500 |
| 11 | (1)100.10000 + (-1)103.50000 + (1)92.30000 | = 88.90000 | 0 | 88.90000 | 0.0000 |
| 12 | (-1)100.10000 + (-1)103.50000 + (1)860.96250 | = 657.36250 | 0 | 657.24000 | 0.1225 |
| 13 | (-1)102.30000 + (-1)81.75000 + (1)858.96250 | = 674.91250 | 0 | 675.26000 | 0.3475 |
| 14 | (-1)102.30000 + (1)187.25000 + (1)589.76000 | = 674.71000 | 0 | 675.26000 | 0.5500 |
| 15 | (-1)102.30000 + (1)191.75000 + (1)585.26000 | = 674.71000 | 0 | 675.26000 | 0.5500 |
| 16 | (-1)103.50000 + (-1)81.75000 + (1)859.96250 | = 674.71250 | 0 | 675.26000 | 0.5475 |
| 17 | (-1)103.50000 + (-1)81.75000 + (1)860.96250 | = 675.71250 | 0 | 675.26000 | 0.4525 |
| 18 | (-1)103.50000 + (1)175.25000 + (1)585.26000 | = 657.01000 | 0 | 657.24000 | 0.2300 |
| 19 | (-1)103.50000 + (1)175.25000 + (1)603.25000 | = 675.00000 | 0 | 675.26000 | 0.2600 |
| 20 | (-1)103.50000 + (-1)191.75000 + (1)860.96250 | = 565.71250 | 0 | 565.75000 | 0.0375 |
| 21 | (-1)77.25000 + (1)585.26000 + (1)153.77000 | = 661.78000 | 0 | 661.74000 | 0.0400 |
| 22 | (-1)77.25000 + (1)603.25000 + (1)153.77000 | = 679.77000 | 0 | 679.76000 | 0.0100 |
| 23 | (-1)81.75000 + (1)585.26000 + (1)153.77000 | = 657.28000 | 0 | 657.24000 | 0.0400 |
| 24 | (-1)81.75000 + (1)589.76000 + (1)153.77000 | = 661.78000 | 0 | 661.74000 | 0.0400 |
| 25 | (-1)81.75000 + (1)603.25000 + (1)153.77000 | = 675.27000 | 0 | 675.26000 | 0.0100 |
| 26 | (-1)81.75000 + (1)607.75000 + (1)153.77000 | = 679.77000 | 0 | 679.76000 | 0.0100 |
| 27 | (1)175.25000 + (-1)187.25000 + (1)585.26000 | = 573.26000 | 0 | 573.26000 | 0.0000 |
| 28 | (1)175.25000 + (-1)187.25000 + (1)589.76000 | = 577.76000 | 0 | 577.76000 | 0.0000 |
| 29 | (1)175.25000 + (-1)191.75000 + (1)589.76000 | = 573.26000 | 0 | 573.26000 | 0.0000 |
| 30 | (1)179.75000 + (-1)187.25000 + (1)585.26000 | = 577.76000 | 0 | 577.76000 | 0.0000 |
| 31 | (1)179.75000 + (-1)191.75000 + (1)585.26000 | = 573.26000 | 0 | 573.26000 | 0.0000 |
| 32 | (1)179.75000 + (-1)191.75000 + (1)589.76000 | = 577.76000 | 0 | 577.76000 | 0.0000 |
| 33 | (1)858.96250 + (-1)859.96250 + (1)154.77000 | = 153.77000 | 0 | 153.77000 | 0.0000 |
| 34 | (-1)858.96250 + (1)859.96250 + (1)153.77000 | = 154.77000 | 0 | 154.77000 | 0.0000 |
| 35 | (1)859.96250 + (-1)860.96250 + (1)154.77000 | = 153.77000 | 0 | 153.77000 | 0.0000 |
| 36 | (-1)859.96250 + (1)860.96250 + (1)153.77000 | = 154.77000 | 0 | 154.77000 | 0.0000 |
| ----- | | | | | |
| 4th ORDER - 2 AT A TIME: | | | | | |
| 37 | (-1)100.10000 + (-3)191.75000 | = 675.35000 | 0 | 675.26000 | 0.0900 |

| HIT # | TRANSMITTER FREQUENCY COMBINATIONS | INTERMOD FREQUENCY | IM BW (kHz) | AFFECTED RX FREQ | DIFF (MHz) |
|--------------------------|--|--------------------|-------------|------------------|------------|
| 38 | (-1)100.10000 + (-3)153.77000 | = 561.41000 | 0 | 561.25000 | 0.1600 |
| 39 | (-1)81.75000 + (-3)191.75000 | = 657.00000 | 0 | 657.24000 | 0.2400 |
| 40 | (-3)81.75000 + (1)154.77000 | = 90.48000 | 0 | 90.50000 | 0.0200 |
| ----- | | | | | |
| 4th ORDER - 3 AT A TIME: | | | | | |
| 41 | (-1)90.10000 + (2)92.30000 + (1)585.26000 | = 679.76000 | 0 | 679.76000 | 0.0000 |
| 42 | (1)90.10000 + (2)585.26000 + (-1)603.25000 | = 657.37000 | 0 | 657.24000 | 0.1300 |
| 43 | (-1)100.10000 + (-1)103.50000 + (2)153.77000 | = 103.94000 | 0 | 103.90000 | 0.0400 |
| 44 | (2)100.10000 + (1)81.75000 + (-1)187.25000 | = 94.70000 | 0 | 94.70000 | 0.0000 |
| 45 | (-2)100.10000 + (1)607.75000 + (1)153.77000 | = 561.32000 | 0 | 561.25000 | 0.0700 |
| 46 | (-1)102.30000 + (-1)103.50000 + (2)154.44500 | = 103.09000 | 0 | 103.10000 | 0.0100 |
| 47 | (2)102.30000 + (-1)77.25000 + (1)607.75000 | = 735.10000 | 0 | 735.25000 | 0.1500 |
| 48 | (1)102.30000 + (-2)191.75000 + (1)858.96250 | = 577.76250 | 0 | 577.76000 | 0.0025 |
| 49 | (-2)102.30000 + (1)154.77000 + (1)153.77000 | = 103.94000 | 0 | 103.90000 | 0.0400 |
| 50 | (1)103.50000 + (2)589.76000 + (-1)603.25000 | = 679.77000 | 0 | 679.76000 | 0.0100 |
| 51 | (1)103.50000 + (2)589.76000 + (-1)607.75000 | = 675.27000 | 0 | 675.26000 | 0.0100 |
| 52 | (-2)92.30000 + (1)81.75000 + (1)191.75000 | = 88.90000 | 0 | 88.90000 | 0.0000 |
| 53 | (1)92.30000 + (-2)187.25000 + (1)859.96250 | = 577.76250 | 0 | 577.76000 | 0.0025 |
| 54 | (1)77.25000 + (1)175.25000 + (2)154.44500 | = 561.39000 | 0 | 561.25000 | 0.1400 |
| 55 | (-1)77.25000 + (2)179.75000 + (-1)191.75000 | = 90.50000 | 0 | 90.50000 | 0.0000 |
| 56 | (-1)81.75000 + (2)179.75000 + (-1)187.25000 | = 90.50000 | 0 | 90.50000 | 0.0000 |
| 57 | (2)81.75000 + (-1)187.25000 + (1)585.26000 | = 561.51000 | 0 | 561.25000 | 0.2600 |
| 58 | (2)81.75000 + (-1)191.75000 + (1)589.76000 | = 561.51000 | 0 | 561.25000 | 0.2600 |
| 59 | (1)175.25000 + (-2)179.75000 + (1)858.96250 | = 674.71250 | 0 | 675.26000 | 0.5475 |
| 60 | (1)175.25000 + (-2)179.75000 + (1)859.96250 | = 675.71250 | 0 | 675.26000 | 0.4525 |
| 61 | (1)175.25000 + (-2)187.25000 + (1)860.96250 | = 661.71250 | 0 | 661.74000 | 0.0275 |
| 62 | (-1)175.25000 + (1)603.25000 + (2)153.77000 | = 735.54000 | 0 | 735.25000 | 0.2900 |
| 63 | (1)179.75000 + (-2)191.75000 + (1)860.96250 | = 657.21250 | 0 | 657.24000 | 0.0275 |
| 64 | (-1)179.75000 + (1)607.75000 + (2)153.77000 | = 735.54000 | 0 | 735.25000 | 0.2900 |
| 65 | (-1)187.25000 + (1)585.26000 + (-2)153.77000 | = 90.47000 | 0 | 90.50000 | 0.0300 |
| 66 | (-1)187.25000 + (-1)858.96250 + (2)860.96250 | = 675.71250 | 0 | 675.26000 | 0.4525 |
| 67 | (-1)187.25000 + (-1)859.96250 + (2)860.96250 | = 674.71250 | 0 | 675.26000 | 0.5475 |
| 68 | (2)191.75000 + (-1)585.26000 + (1)858.96250 | = 657.20250 | 0 | 657.24000 | 0.0375 |
| 69 | (-1)191.75000 + (1)589.76000 + (-2)153.77000 | = 90.47000 | 0 | 90.50000 | 0.0300 |
| 70 | (2)585.26000 + (-1)589.76000 + (1)154.77000 | = 735.53000 | 0 | 735.25000 | 0.2800 |
| 71 | (2)585.26000 + (-1)589.76000 + (1)154.44500 | = 735.20500 | 0 | 735.25000 | 0.0450 |
| 72 | (-1)607.75000 + (1)859.96250 + (2)154.44500 | = 561.10250 | 0 | 561.25000 | 0.1475 |
| ----- | | | | | |
| 5th ORDER - 2 AT A TIME: | | | | | |
| 73 | (-3)100.10000 + (-2)187.25000 | = 674.80000 | 0 | 675.26000 | 0.4600 |
| 74 | (-3)102.30000 + (-2)175.25000 | = 657.40000 | 0 | 657.24000 | 0.1600 |
| 75 | (-1)92.30000 + (4)191.75000 | = 674.70000 | 0 | 675.26000 | 0.5600 |
| 76 | (-4)92.30000 + (-1)191.75000 | = 560.95000 | 0 | 561.25000 | 0.3000 |
| ----- | | | | | |
| 5th ORDER - 3 AT A TIME: | | | | | |
| 77 | (2)88.50000 + (1)102.30000 + (-2)92.30000 | = 94.70000 | 0 | 94.70000 | 0.0000 |

| HIT # | TRANSMITTER FREQUENCY COMBINATIONS | INTERMOD FREQUENCY | IM BW (kHz) | AFFECTED RX FREQ | DIFF (MHz) |
|-------|--|--------------------|-------------|------------------|------------|
| 78 | (2)88.50000 + (-2)102.30000 + (1)179.75000 | = 561.35000 | 0 | 561.25000 | 0.1000 |
| 79 | (1)88.50000 + (-1)102.30000 + (3)191.75000 | = 561.45000 | 0 | 561.25000 | 0.2000 |
| 80 | (2)88.50000 + (1)103.50000 + (-2)92.30000 | = 95.90000 | 0 | 95.90000 | 0.0000 |
| 81 | (2)88.50000 + (-2)103.50000 + (1)603.25000 | = 573.25000 | 0 | 573.26000 | 0.0100 |
| 82 | (2)88.50000 + (-2)103.50000 + (1)607.75000 | = 577.75000 | 0 | 577.76000 | 0.0100 |
| 83 | (-3)88.50000 + (1)81.75000 + (1)858.96250 | = 675.21250 | 0 | 675.26000 | 0.0475 |
| 84 | (1)88.50000 + (2)81.75000 + (2)154.77000 | = 561.54000 | 0 | 561.25000 | 0.2900 |
| 85 | (3)88.50000 + (-1)175.25000 + (1)585.26000 | = 675.51000 | 0 | 675.26000 | 0.2500 |
| 86 | (3)88.50000 + (-1)179.75000 + (1)589.76000 | = 675.51000 | 0 | 675.26000 | 0.2500 |
| 87 | (2)88.50000 + (2)585.26000 + (-1)607.75000 | = 739.77000 | 0 | 739.75000 | 0.0200 |
| 88 | (-2)88.50000 + (1)589.76000 + (-2)154.44500 | = 103.87000 | 0 | 103.90000 | 0.0300 |
| 89 | (-2)88.50000 + (1)603.25000 + (2)154.44500 | = 735.14000 | 0 | 735.25000 | 0.1100 |
| 90 | (1)88.50000 + (-2)858.96250 + (2)859.96250 | = 90.50000 | 0 | 90.50000 | 0.0000 |
| 91 | (1)88.50000 + (-2)859.96250 + (2)860.96250 | = 90.50000 | 0 | 90.50000 | 0.0000 |
| 92 | (1)88.50000 + (2)154.77000 + (-2)153.77000 | = 90.50000 | 0 | 90.50000 | 0.0000 |
| 93 | (2)90.10000 + (1)102.30000 + (2)187.25000 | = 657.00000 | 0 | 657.24000 | 0.2400 |
| 94 | (3)90.10000 + (1)103.50000 + (1)187.25000 | = 561.05000 | 0 | 561.25000 | 0.2000 |
| 95 | (1)90.10000 + (1)103.50000 + (3)154.44500 | = 656.93500 | 0 | 657.24000 | 0.3050 |
| 96 | (1)90.10000 + (2)81.75000 + (2)153.77000 | = 561.14000 | 0 | 561.25000 | 0.1100 |
| 97 | (3)90.10000 + (-1)179.75000 + (1)585.26000 | = 675.81000 | 0 | 675.26000 | 0.5500 |
| 98 | (-1)90.10000 + (1)187.25000 + (3)154.77000 | = 561.46000 | 0 | 561.25000 | 0.2100 |
| 99 | (2)90.10000 + (1)187.25000 + (2)153.77000 | = 674.99000 | 0 | 675.26000 | 0.2700 |
| 100 | (-2)90.10000 + (1)607.75000 + (2)153.77000 | = 735.09000 | 0 | 735.25000 | 0.1600 |
| 101 | (1)100.10000 + (3)102.30000 + (1)154.44500 | = 561.44500 | 0 | 561.25000 | 0.1950 |
| 102 | (2)100.10000 + (2)103.50000 + (1)153.77000 | = 560.97000 | 0 | 561.25000 | 0.2800 |
| 103 | (-1)100.10000 + (-2)77.25000 + (2)175.25000 | = 95.90000 | 0 | 95.90000 | 0.0000 |
| 104 | (-1)100.10000 + (-2)81.75000 + (2)179.75000 | = 95.90000 | 0 | 95.90000 | 0.0000 |
| 105 | (2)100.10000 + (1)175.25000 + (2)179.75000 | = 734.95000 | 0 | 735.25000 | 0.3000 |
| 106 | (2)100.10000 + (-2)191.75000 + (1)858.96250 | = 675.66250 | 0 | 675.26000 | 0.4025 |
| 107 | (3)100.10000 + (1)589.76000 + (-1)154.77000 | = 735.29000 | 0 | 735.25000 | 0.0400 |
| 108 | (-2)100.10000 + (-1)859.96250 + (2)860.96250 | = 661.76250 | 0 | 661.74000 | 0.0225 |
| 109 | (-2)102.30000 + (2)103.50000 + (1)92.30000 | = 94.70000 | 0 | 94.70000 | 0.0000 |
| 110 | (-1)102.30000 + (3)103.50000 + (1)607.75000 | = 815.95000 | 0 | 815.96250 | 0.0125 |
| 111 | (-3)102.30000 + (-1)175.25000 + (1)585.26000 | = 103.11000 | 0 | 103.10000 | 0.0100 |
| 112 | (-3)102.30000 + (-1)179.75000 + (1)589.76000 | = 103.11000 | 0 | 103.10000 | 0.0100 |
| 113 | (2)102.30000 + (2)607.75000 + (-1)858.96250 | = 561.13750 | 0 | 561.25000 | 0.1125 |
| 114 | (-2)102.30000 + (-1)859.96250 + (2)860.96250 | = 657.36250 | 0 | 657.24000 | 0.1225 |
| 115 | (1)103.50000 + (1)92.30000 + (3)179.75000 | = 735.05000 | 0 | 735.25000 | 0.2000 |
| 116 | (1)103.50000 + (1)92.30000 + (3)153.77000 | = 657.11000 | 0 | 657.24000 | 0.1300 |
| 117 | (1)103.50000 + (-1)81.75000 + (3)179.75000 | = 561.00000 | 0 | 561.25000 | 0.2500 |
| 118 | (2)103.50000 + (2)187.25000 + (1)153.77000 | = 735.27000 | 0 | 735.25000 | 0.0200 |
| 119 | (3)103.50000 + (1)191.75000 + (1)154.77000 | = 657.02000 | 0 | 657.24000 | 0.2200 |

| HIT # | TRANSMITTER FREQUENCY COMBINATIONS | INTERMOD FREQUENCY | IM BW (kHz) | AFFECTED RX FREQ | DIFF (MHz) |
|-------|--|--------------------|-------------|------------------|------------|
| 120 | (2)103.50000 + (2)607.75000 + (-1)860.96250 = | 561.53750 | 0 | 561.25000 | 0.2875 |
| 121 | (-1)92.30000 + (-2)81.75000 + (2)175.25000 = | 94.70000 | 0 | 94.70000 | 0.0000 |
| 122 | (-1)92.30000 + (2)175.25000 + (2)153.77000 = | 565.74000 | 0 | 565.75000 | 0.0100 |
| 123 | (1)92.30000 + (1)179.75000 + (3)154.44500 = | 735.38500 | 0 | 735.25000 | 0.1350 |
| 124 | (3)92.30000 + (-1)187.25000 + (1)585.26000 = | 674.91000 | 0 | 675.26000 | 0.3500 |
| 125 | (3)92.30000 + (-1)191.75000 + (1)589.76000 = | 674.91000 | 0 | 675.26000 | 0.3500 |
| 126 | (2)92.30000 + (1)859.96250 + (-2)154.77000 = | 735.02250 | 0 | 735.25000 | 0.2275 |
| 127 | (3)77.25000 + (-1)81.75000 + (1)585.26000 = | 735.26000 | 0 | 735.25000 | 0.0100 |
| 128 | (3)77.25000 + (-1)81.75000 + (1)589.76000 = | 739.76000 | 0 | 739.75000 | 0.0100 |
| 129 | (-1)77.25000 + (1)175.25000 + (3)154.44500 = | 561.33500 | 0 | 561.25000 | 0.0850 |
| 130 | (3)77.25000 + (1)175.25000 + (1)154.44500 = | 561.44500 | 0 | 561.25000 | 0.1950 |
| 131 | (1)77.25000 + (2)175.25000 + (2)153.77000 = | 735.29000 | 0 | 735.25000 | 0.0400 |
| 132 | (2)77.25000 + (2)585.26000 + (-1)589.76000 = | 735.26000 | 0 | 735.25000 | 0.0100 |
| 133 | (1)81.75000 + (2)175.25000 + (2)153.77000 = | 739.79000 | 0 | 739.75000 | 0.0400 |
| 134 | (-1)81.75000 + (1)179.75000 + (3)154.44500 = | 561.33500 | 0 | 561.25000 | 0.0850 |
| 135 | (3)81.75000 + (1)585.26000 + (-1)154.77000 = | 675.74000 | 0 | 675.26000 | 0.4800 |
| 136 | (2)81.75000 + (2)589.76000 + (-1)603.25000 = | 739.77000 | 0 | 739.75000 | 0.0200 |
| 137 | (2)81.75000 + (2)589.76000 + (-1)607.75000 = | 735.27000 | 0 | 735.25000 | 0.0200 |
| 138 | (-2)81.75000 + (1)589.76000 + (2)154.44500 = | 735.15000 | 0 | 735.25000 | 0.1000 |
| 139 | (2)175.25000 + (-2)187.25000 + (1)585.26000 = | 561.26000 | 0 | 561.25000 | 0.0100 |
| 140 | (2)175.25000 + (-2)187.25000 + (1)589.76000 = | 565.76000 | 0 | 565.75000 | 0.0100 |
| 141 | (-1)175.25000 + (3)589.76000 + (-1)858.96250 = | 735.06750 | 0 | 735.25000 | 0.1825 |
| 142 | (-2)175.25000 + (2)589.76000 + (-1)153.77000 = | 675.25000 | 0 | 675.26000 | 0.0100 |
| 143 | (2)179.75000 + (-2)191.75000 + (1)585.26000 = | 561.26000 | 0 | 561.25000 | 0.0100 |
| 144 | (2)179.75000 + (-2)191.75000 + (1)589.76000 = | 565.76000 | 0 | 565.75000 | 0.0100 |
| 145 | (3)179.75000 + (-1)585.26000 + (1)859.96250 = | 813.95250 | 0 | 813.96250 | 0.0100 |
| 146 | (3)179.75000 + (-1)585.26000 + (1)860.96250 = | 814.95250 | 0 | 814.96250 | 0.0100 |
| 147 | (-2)179.75000 + (2)585.26000 + (-1)153.77000 = | 657.25000 | 0 | 657.24000 | 0.0100 |
| 148 | (3)179.75000 + (-1)589.76000 + (1)154.44500 = | 103.93500 | 0 | 103.90000 | 0.0350 |
| 149 | (-1)187.25000 + (2)585.26000 + (-2)153.77000 = | 675.73000 | 0 | 675.26000 | 0.4700 |
| 150 | (3)187.25000 + (-1)607.75000 + (1)859.96250 = | 813.96250 | 0 | 813.96250 | 0.0000 |
| 151 | (3)187.25000 + (-1)607.75000 + (1)860.96250 = | 814.96250 | 0 | 814.96250 | 0.0000 |
| 152 | (2)187.25000 + (1)607.75000 + (-2)153.77000 = | 674.71000 | 0 | 675.26000 | 0.5500 |
| 153 | (3)187.25000 + (-1)154.77000 + (1)154.44500 = | 561.42500 | 0 | 561.25000 | 0.1750 |
| 154 | (3)187.25000 + (-1)154.44500 + (1)153.77000 = | 561.07500 | 0 | 561.25000 | 0.1750 |
| 155 | (-2)191.75000 + (-1)603.25000 + (2)860.96250 = | 735.17500 | 0 | 735.25000 | 0.0750 |
| 156 | (3)191.75000 + (1)858.96250 + (-1)860.96250 = | 573.25000 | 0 | 573.26000 | 0.0100 |
| 157 | (-1)585.26000 + (1)858.96250 + (3)153.77000 = | 735.01250 | 0 | 735.25000 | 0.2375 |
| 158 | (-1)589.76000 + (1)860.96250 + (3)154.77000 = | 735.51250 | 0 | 735.25000 | 0.2625 |
| 159 | (2)603.25000 + (-1)858.96250 + (2)154.77000 = | 657.07750 | 0 | 657.24000 | 0.1625 |
| 160 | (-2)607.75000 + (2)858.96250 + (1)154.77000 = | 657.19500 | 0 | 657.24000 | 0.0450 |