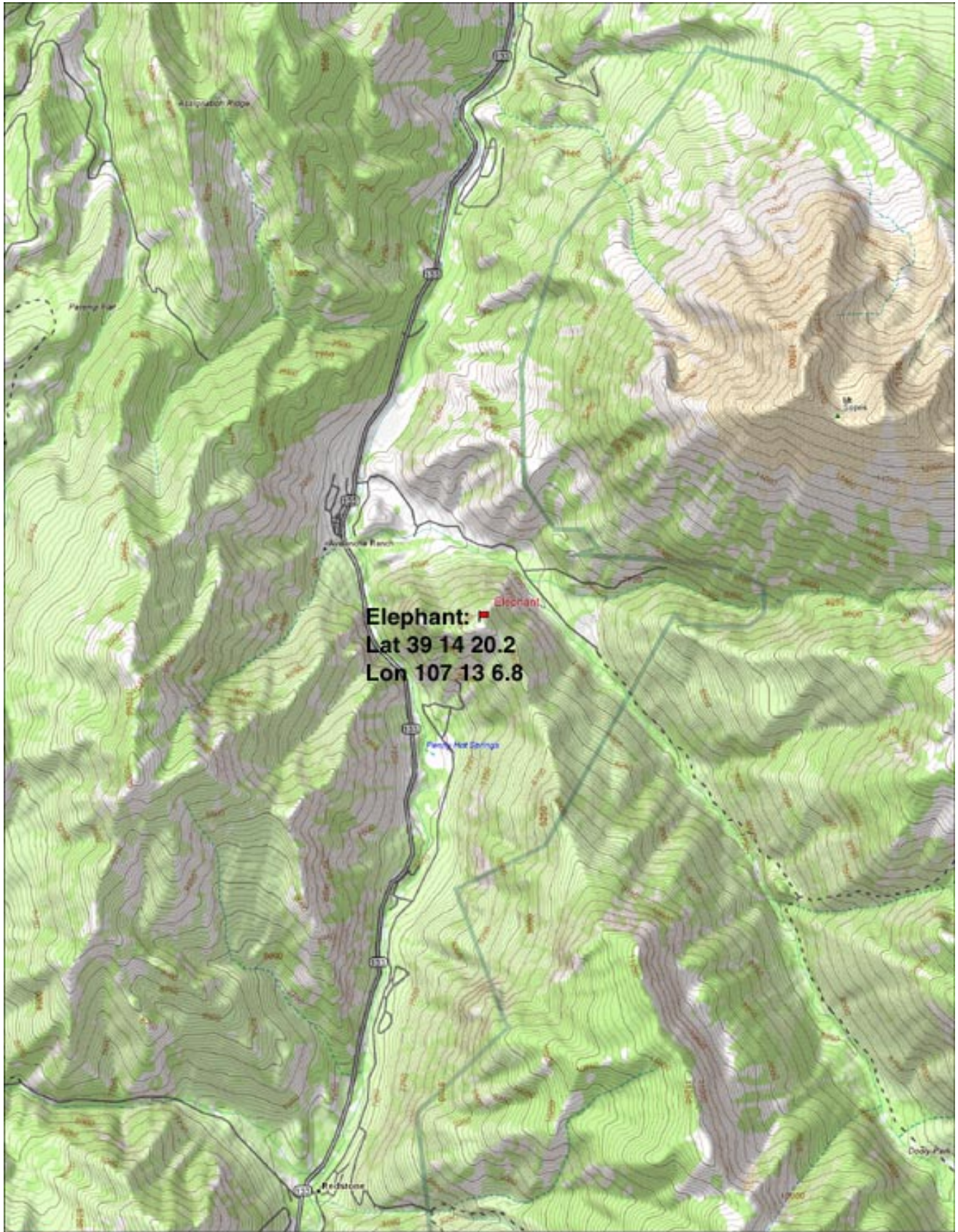


Appendix A.3 - Elephant



Elephant
June 29, 2006



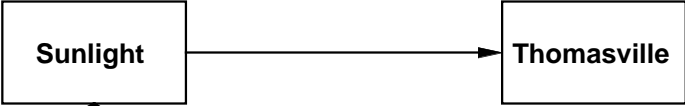
Elephant: ■ Elephant
Lat 39 14 20.2
Lon 107 13 6.8



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



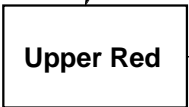
Elephant

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.



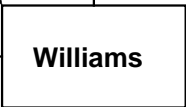
Crown

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

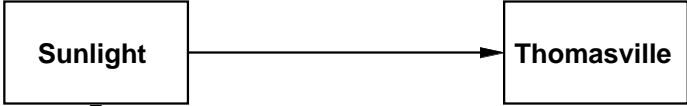
FM System Diagram
(As of 10/6/06)



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

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

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

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

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

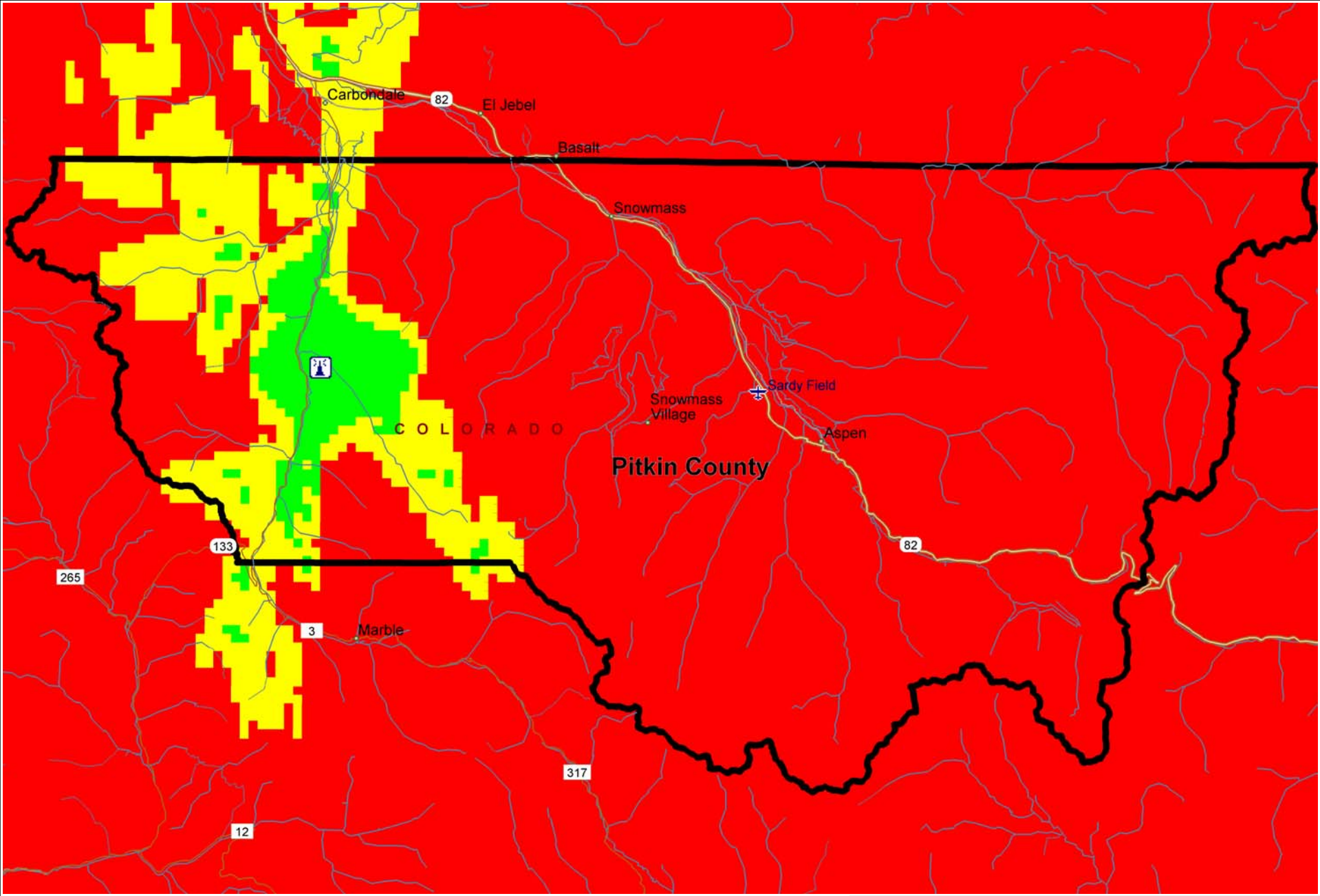
- Notes:**
1. Most signals are translated twice
 2. Loges and Red Hill are Inactive
 3. Upper Red & Jack Rabbit are FM only
 4. Arrows indicate path between translators
 5. Red text indicates new, not yet constructed

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



Pericle Communications Company

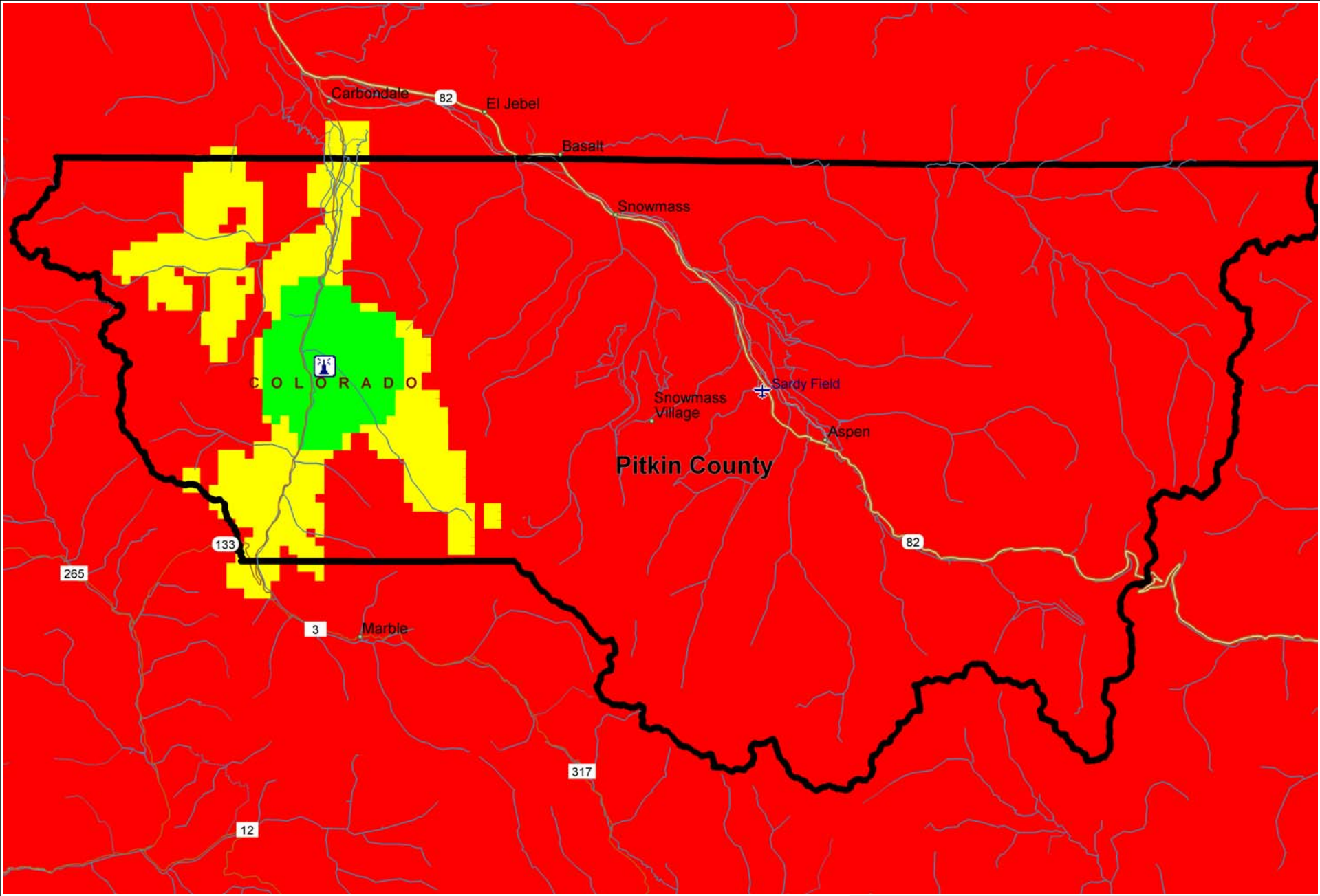
Elephant FM: 60, 70 dBu = Red, Yellow, Green



0 mi 5 10 15 20

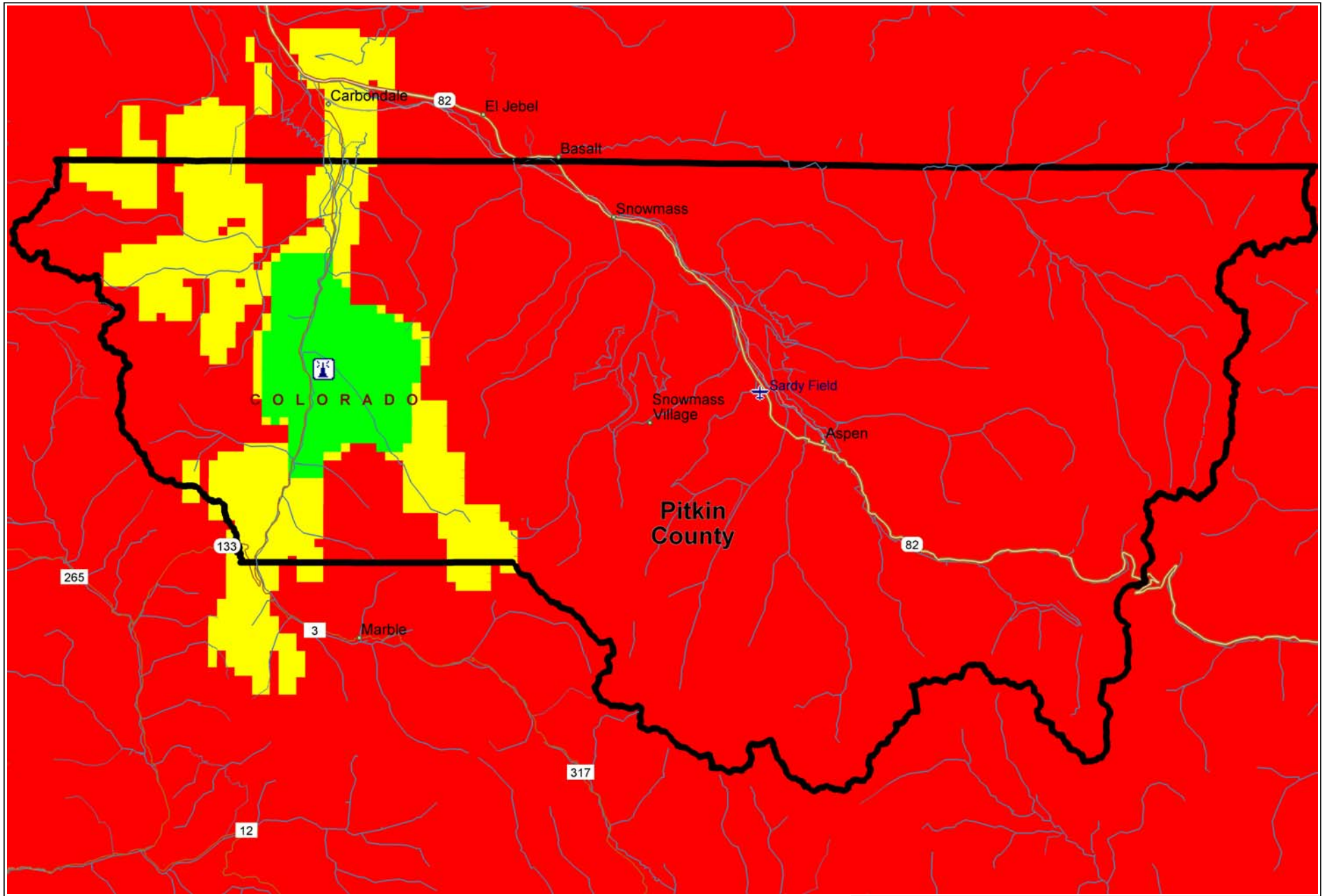
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Elephant VHF-TV: 60, 70 dBu = Red, Yellow, Green



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

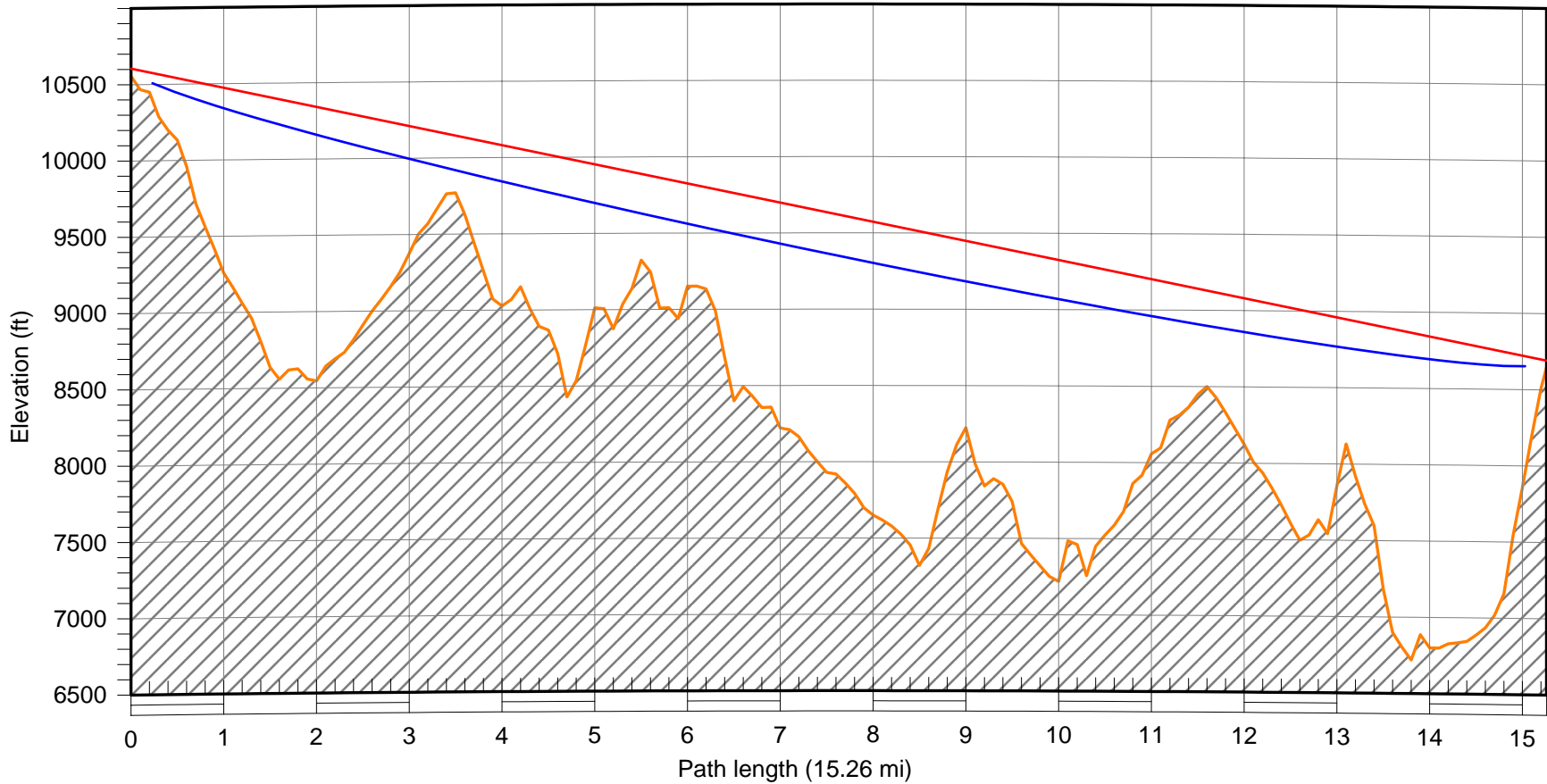


0 mi 5 10 15 20

Sunlight
 Latitude 39 25 23.00 N
 Longitude 107 22 34.00 W
 Azimuth 146.31°
 Elevation 10555 ft ASL
 Antenna CL 49.9 ft AGL

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

Elephant
 Latitude 39 14 20.00 N
 Longitude 107 13 06.00 W
 Azimuth 326.41°
 Elevation 8652 ft ASL
 Antenna CL 40.0 ft AGL



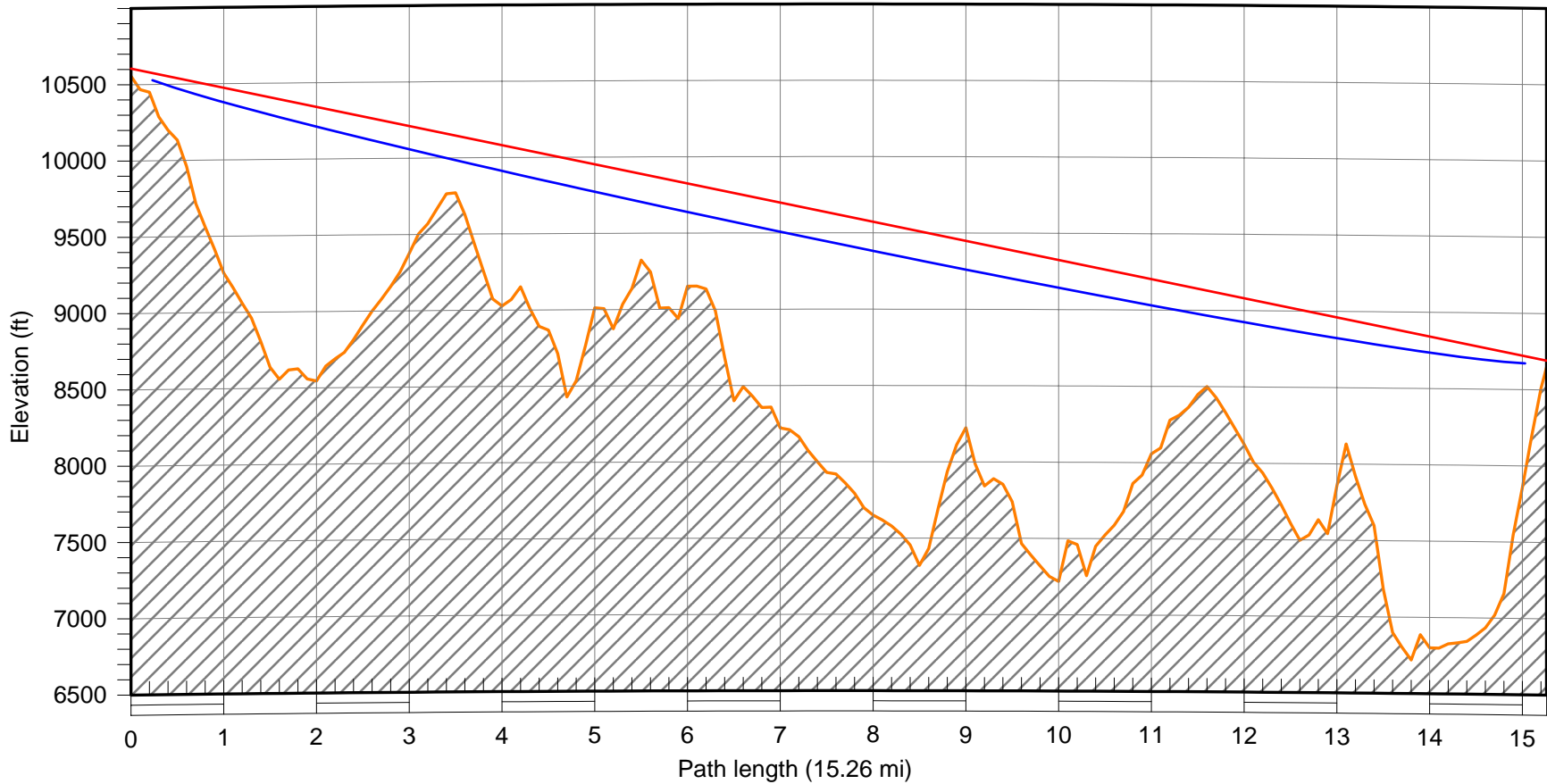
Pericle Communications Company

	Sep 01 06	

Sunlight
 Latitude 39 25 23.00 N
 Longitude 107 22 34.00 W
 Azimuth 146.31°
 Elevation 10555 ft ASL
 Antenna CL 49.9 ft AGL

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

Elephant
 Latitude 39 14 20.00 N
 Longitude 107 13 06.00 W
 Azimuth 326.41°
 Elevation 8652 ft ASL
 Antenna CL 40.0 ft AGL



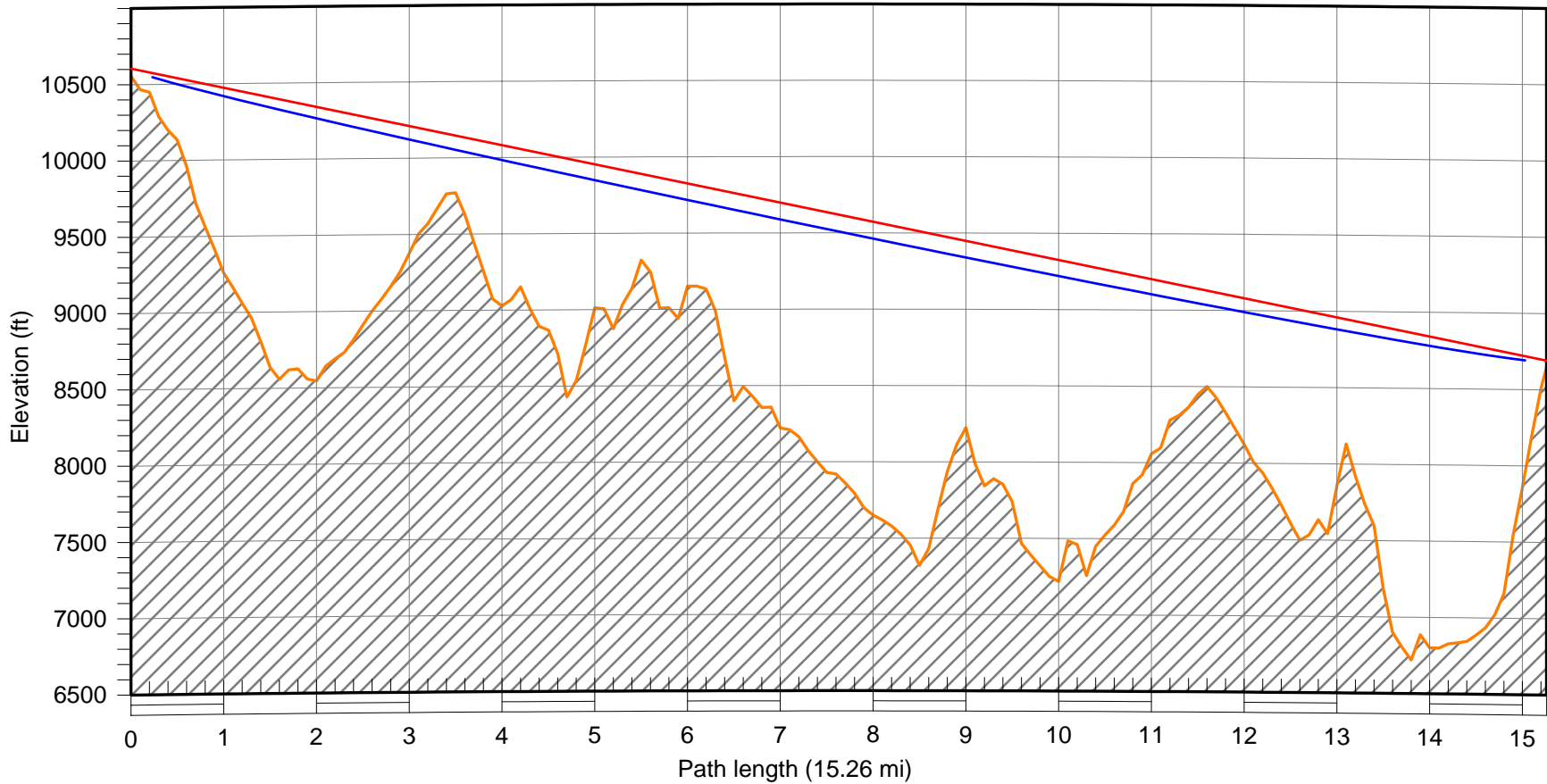
Pericle Communications Company

	Sep 01 06	

Sunlight
 Latitude 39 25 23.00 N
 Longitude 107 22 34.00 W
 Azimuth 146.31°
 Elevation 10555 ft ASL
 Antenna CL 49.9 ft AGL

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

Elephant
 Latitude 39 14 20.00 N
 Longitude 107 13 06.00 W
 Azimuth 326.41°
 Elevation 8652 ft ASL
 Antenna CL 40.0 ft AGL

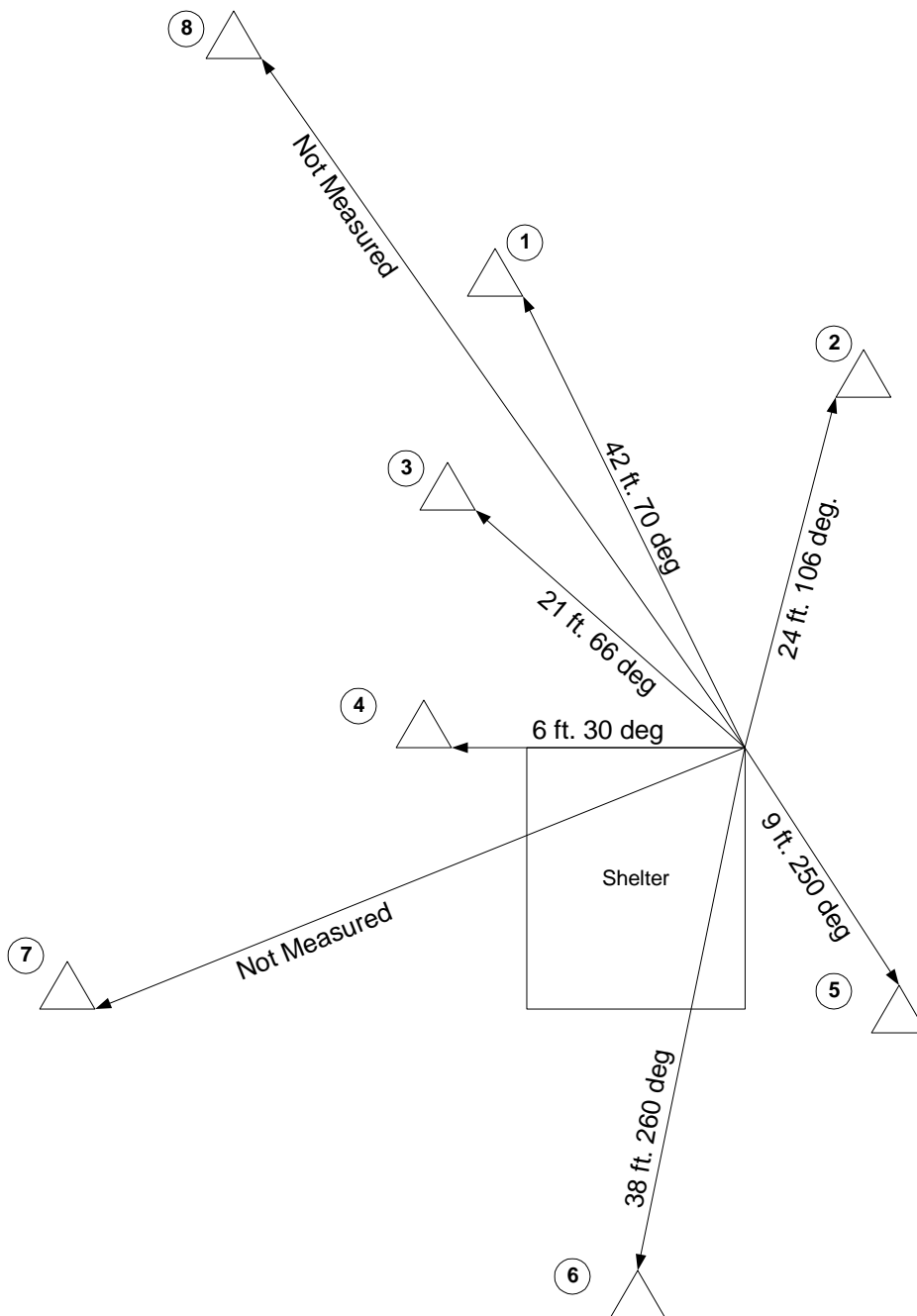


Pericle Communications Company

	Sep 01 06	



**Helicopter for Elephant &
Thomasville**
June 29, 2006

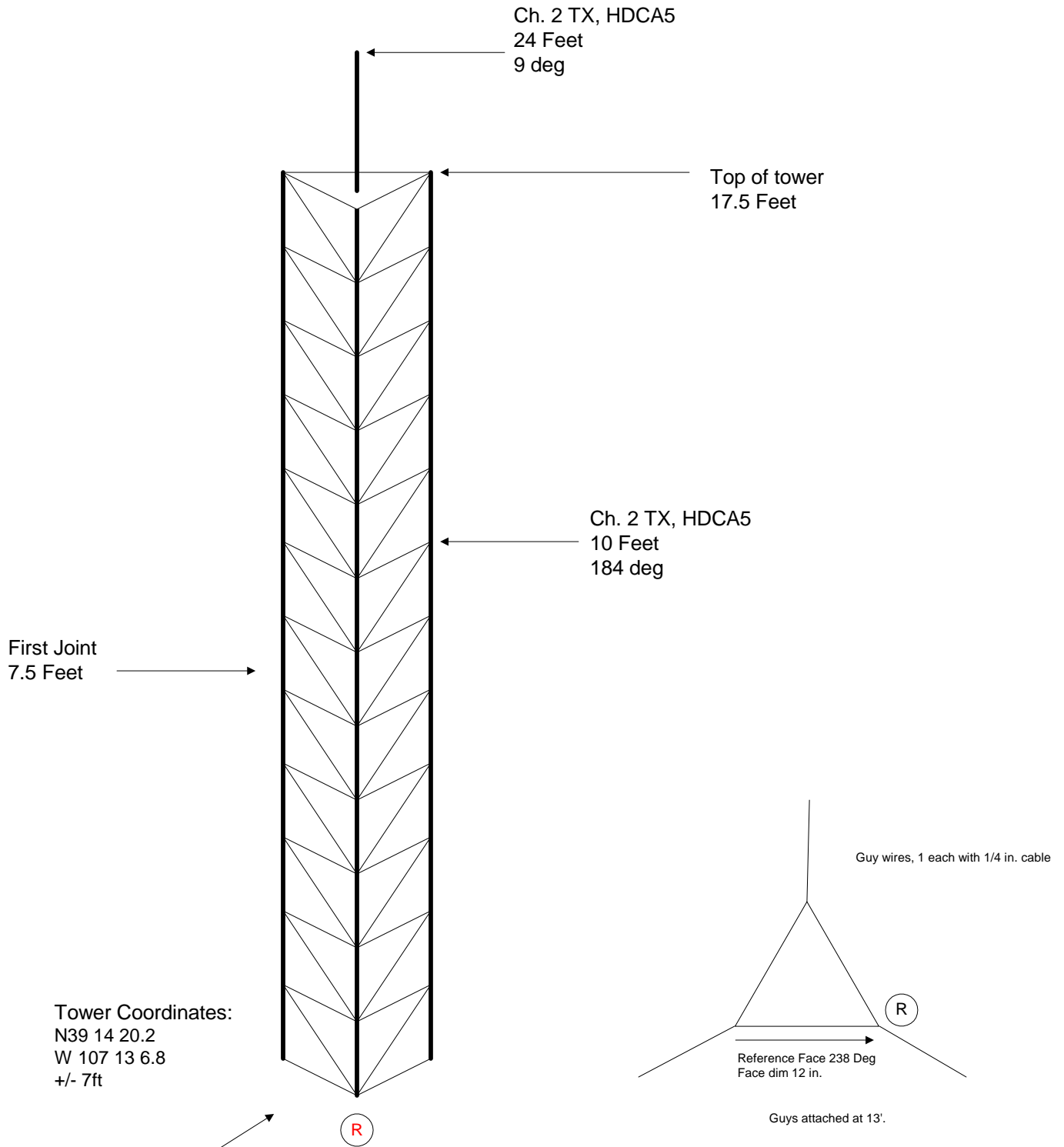


Site Diagram Elephant

Elephant Site Diagram.vsd



Pericle Communications Company



Elephant Tower 1

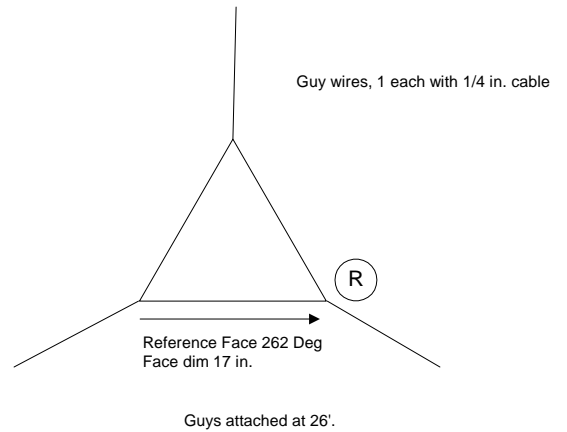
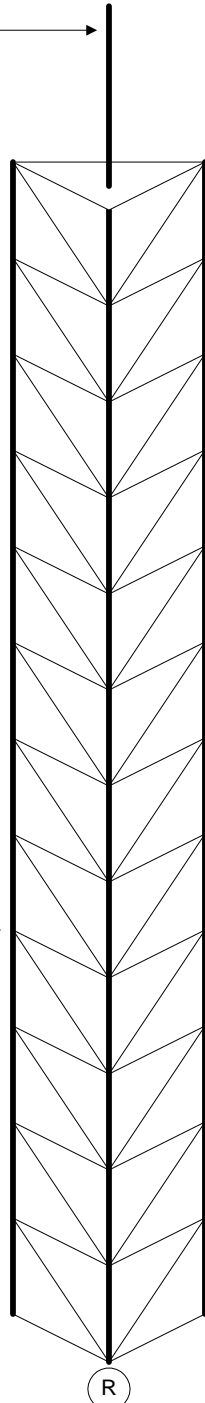
Elephant Tower 1.vsd

Ch. 4, HDCA5
29.5 Feet
324 deg

Top of tower
28.5 Feet

CH 4 HDCA5
18 Feet
192 deg

First Joint
8.5 Feet



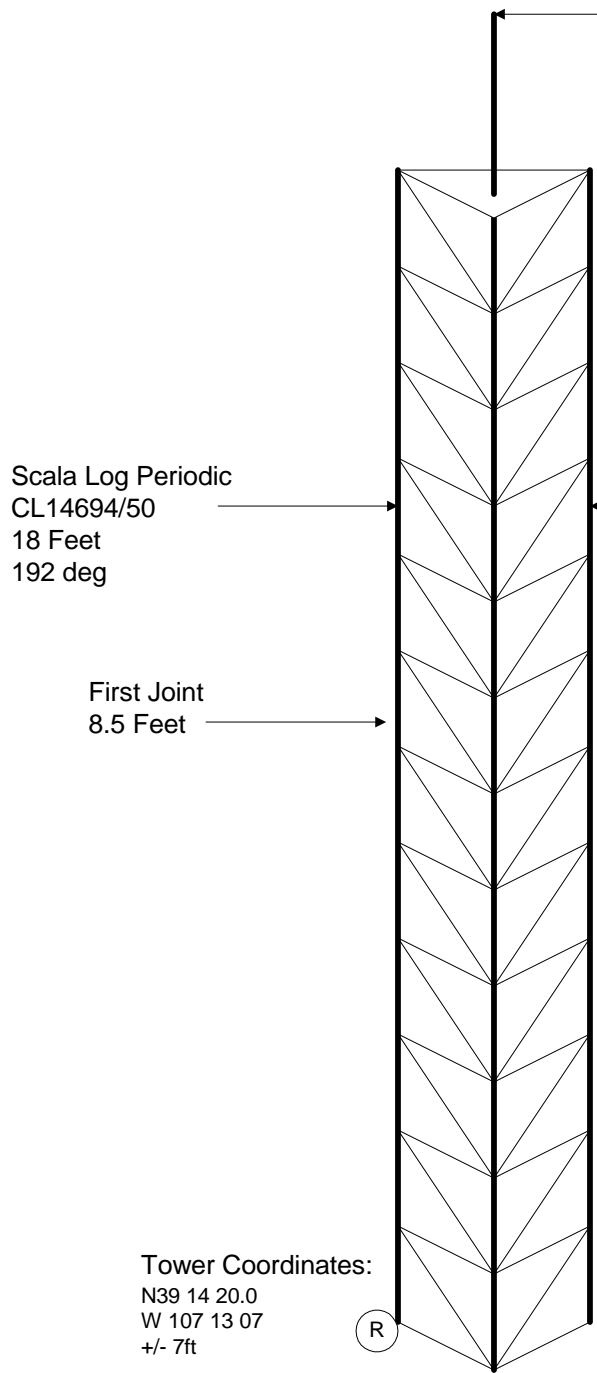
Tower Foundation
Concrete
20 in. square

Tower Coordinates:
N39 14 20.2
W 107 13 7.1
+/- 7ft

Elephant Tower 2

Elephant Tower 2.vsd

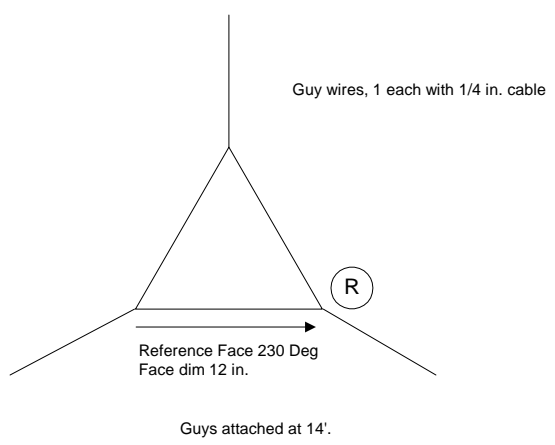




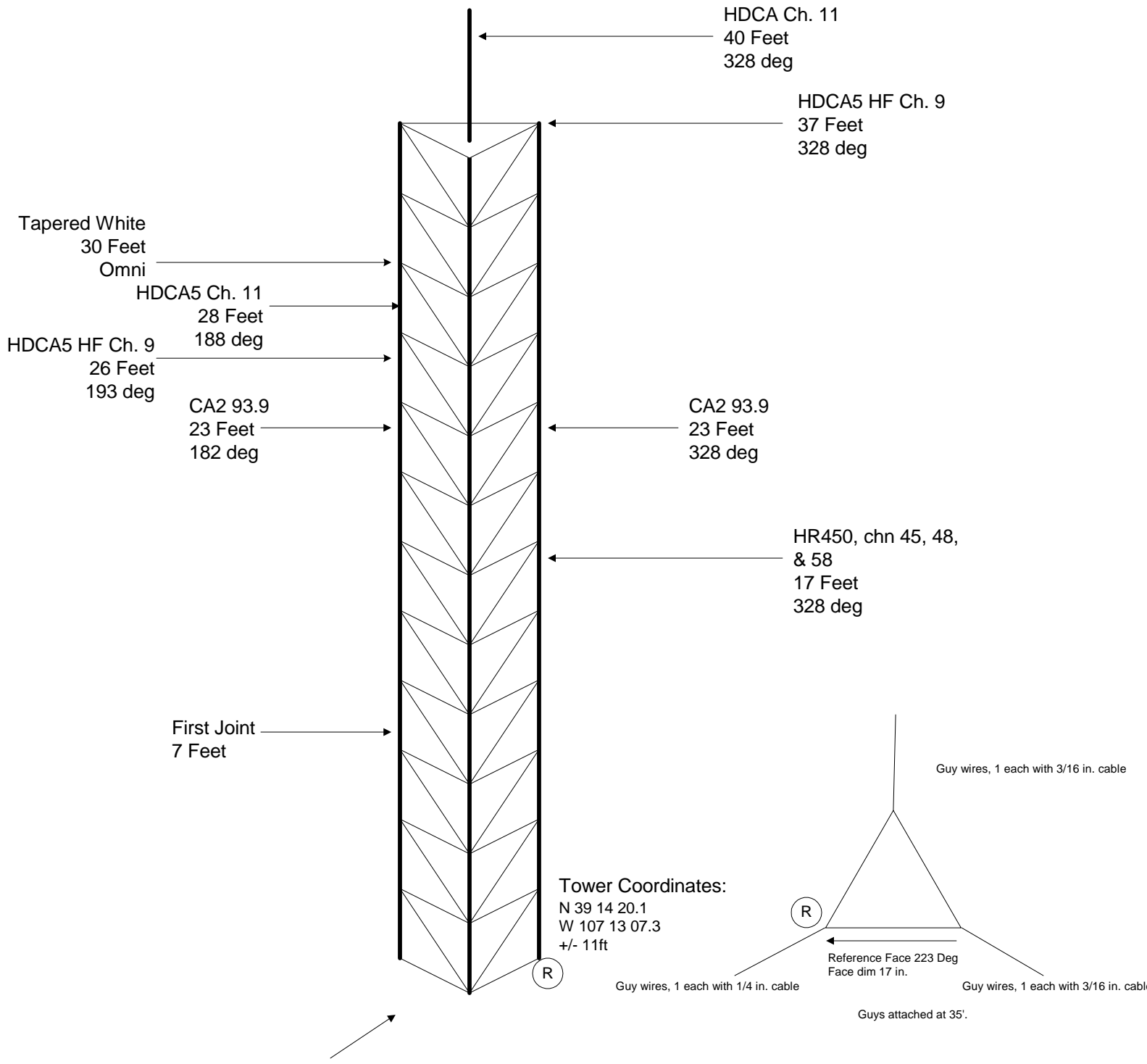
GPFM 102.3 TX
Top of tower
28.5 Feet

Scala Log Periodic
CL14694/50
18 Feet
324 deg

Tower Foundation
Concrete
24 in. square

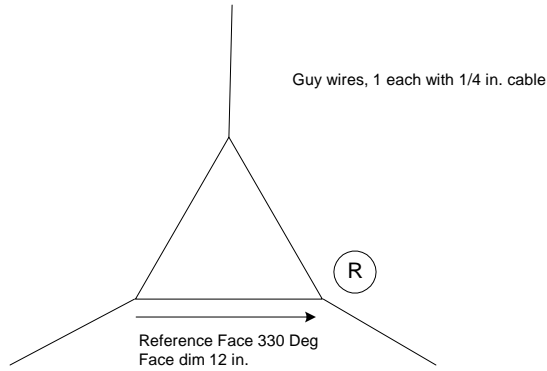
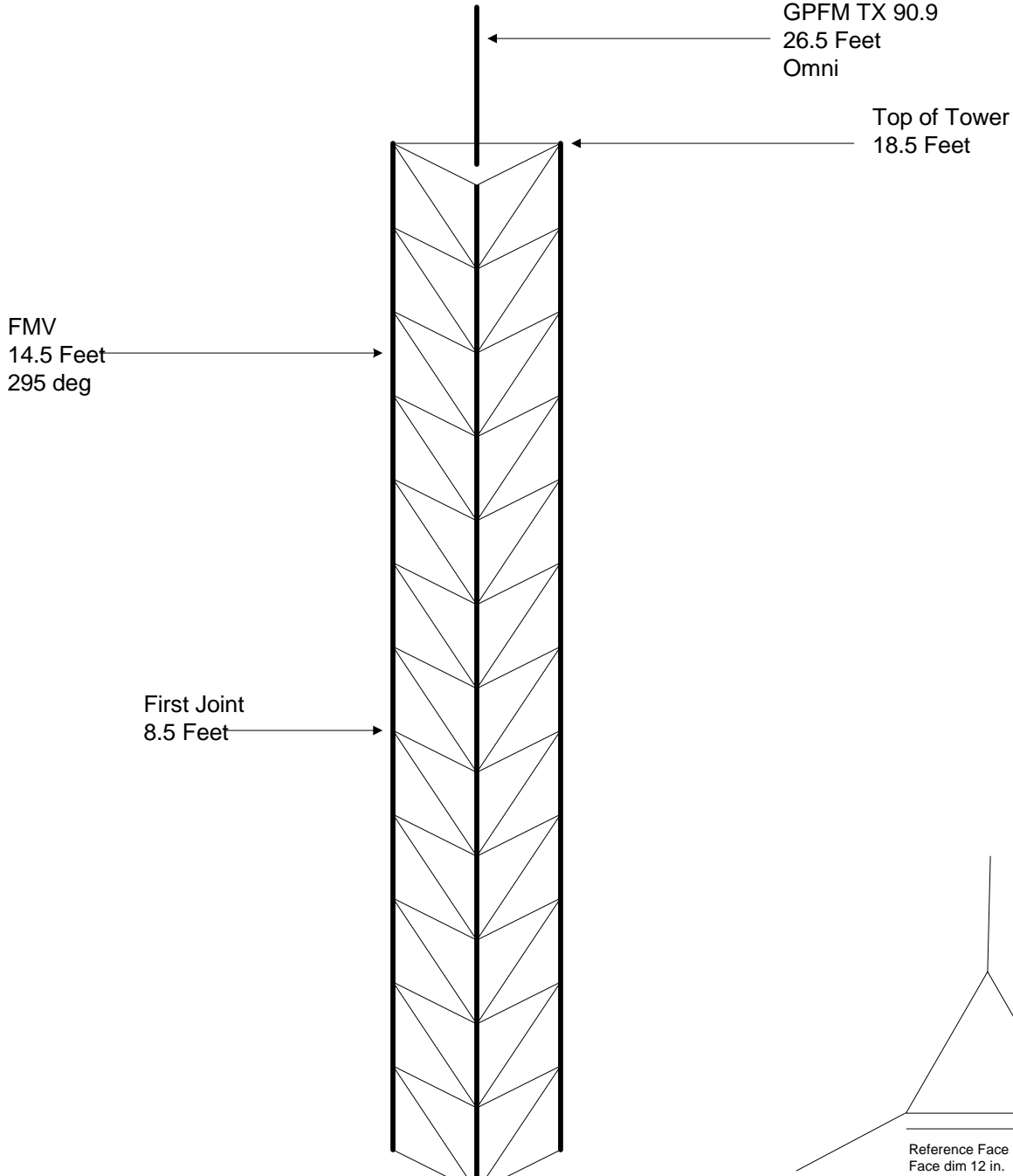


Elephant
Tower 3
Elephant Tower 3.vsd



Elephant Tower 4

Elephant Tower 4.vsd



Tower Coordinates:
 N 39 14 20.0
 W 107 13 07.6
 +/- 8ft

Tower Foundation
 Concrete
 24 in. square

**Elephant
 Tower 5**
 Elephant Tower 5.vsd

Top of Tower
28.5 Feet

FMV
28.5 Feet
238 deg

FMV
18.5 Feet
231 deg

16.5 Feet
Unidentified Omni
~ 12 ft. in length

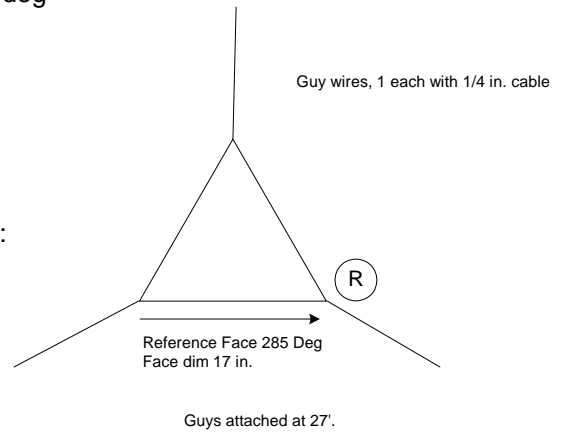
HDCA KNFO
14.5 Feet
320 deg

Log Periodic 103.5
11 Feet
163 deg

PR450 MWRX MARTI 951.875
10.5 Feet
328 deg

First Joint
8.5 Feet

Tower Coordinates:
N 39 14 20.0
W 107 13 07.9
+/- 10ft



Tower Foundation
Concrete
30 in. square

Elephant
Tower 6
Elephant Tower 6.vsd



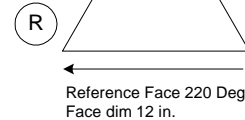
Pericle Communications Company

Top of Tower
7.75 Feet

HDCA 5 RX 88.1 &
88.9
12 Feet
330 deg

PRV 450 CH 29-31
6 Feet
330 deg

62 deg



(R)

Tower Coordinates:
N 39 14 21.1
W 107 13 07.2
+/- 12ft

Tower Foundation
Concrete
16 in. Round

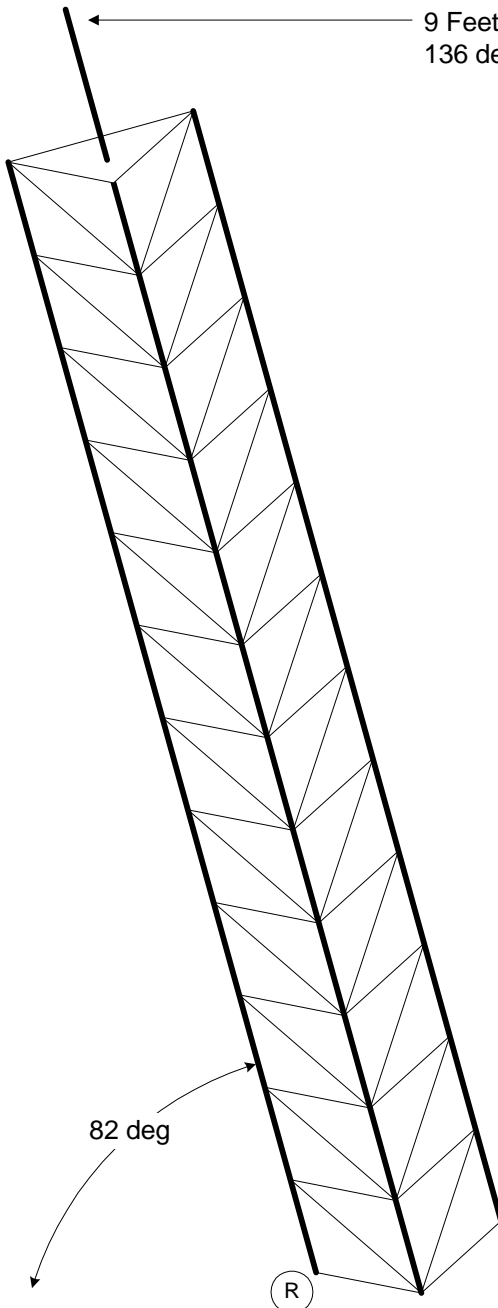
Elephant
Tower 7
Elephant Tower 7.vsd



Pericle Communications Company

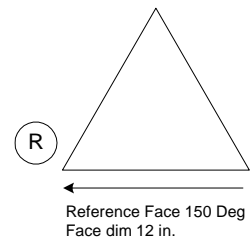
HDCA 5
9 Feet
136 deg

Top of Tower
7.5 Feet



Tower Coordinates:
N 39 14 20.7
W 107 13 3.7
+/- 10ft

Tower Foundation
Concrete
16 in. Round



Elephant
Tower 8
Elephant Tower 8.vsd



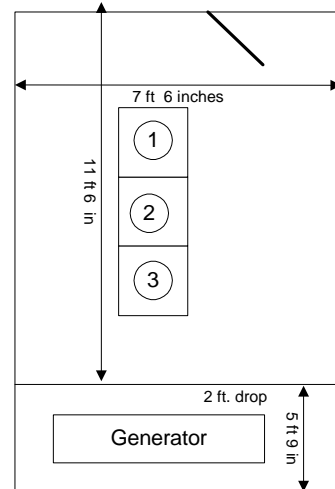
Pericle Communications Company

Rack 1 Elephant

1	Open - 1.75 inches
2	
3	
4	Motorola MTR 2000 - 3.25 inches
5	
6	
7	Open
8	4.25 inches
9	
10	EMCEE SER# 403C
11	5.25 inches
12	Open - 2.5 inches
13	
14	L-TTC CP (31 IN, 4 OUT) PBS - 1.75 inches
15	Open - 2.25 inches
16	Larcan FMT-25 (94.3 IN, 93.1 OUT) KNFO - 1.75 inches
17	Open - 2.5 inches
18	Tepco J317 FMXL (89.9 IN, 90.9 OUT) KAJX
19	3.5 inches
20	FLT 107 Pass 88.1, Stop 88.5
21	3.5 inches
22	Tepco J317 FMXL (88.1 IN, 88.5 OUT) KDWK
23	3.5 inches
24	Open
25	3 inches
26	CADCO P379 (45 IN, 2 OUT) ABC - 1.75
27	Step Attenuator - 1.75 inches
28	
29	EMCEE Ser#410C Ch.2
30	5.25 inches
31	
32	NI20 Amplifier
33	4.75 inches
34	
35	MARTI KAJX SR-20 @ 951.875 in
36	3.5 inches
37	
38	Open
39	
40	
41	
42	
43	
44	



Rack Height 7ft Open Frame



Elephant Rack 1

Elephant Rack 1.vsd



Pericle Communications Company

Rack 2 Elephant

1	
2	
3	Open
4	7.5 inches
5	
6	Tepco J317 (100.9 IN, 93.9 OUT)
7	3.5 inches
8	Open - 2 inches
9	L-TTC (58 IN, 9 OUT) NBC - 1.75 inches
10	Open - 2.25 inches
11	
12	Larcan TTC MX10V (2 IN 9 OUT NBC 0)
13	5.25 inches
14	Open 1 inch
15	Cadco P379 CHP (29 IN, 18 OUT) FOX - 1.75 inches
16	Open 1 inch
17	Larcan TTC MX20-V (18 OUT) FOX
18	5.25 inches
19	
20	Open - 2.5 inches
21	L-TTC CP (48 IN, 11 OUT) CBS - 1.75 inches
22	Open 1 inch
23	Larcan TTC MX10-V-2 (11 OUT) CBS
24	5.25 inches
25	
26	
27	
28	
29	
30	Open
31	20.5 inches
32	
33	
34	
35	
36	
37	
38	Astron 24 Volt
39	5.25 inches
40	Open
41	



6 foot open frame rack

Elephant Rack 2

Elephant Rack 2.vsd



Pericle Communications Company

Rack 3 Elephant

1	Open 7.5 inches
2	
3	
4	
5	Tepco J317 (97.3 IN, 98.3 OUT) KSPN 3.5 inches
6	
7	13 inch Zenith TV 13.5 inches
8	
9	
10	
11	
12	
13	
14	Tepco J317 (95.9 IN, 102.3 OUT) KJYE 3.5 inches
15	
16	
17	Passband Filter (94.9 to 95.1) 19.5 inches
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	Tepco J317 (94.9 IN, 103.5 OUT) 3.5 inches
28	
29	Open
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	



6 foot open frame rack

Elephant Rack 3

Elephant Rack 3.vsd



Pericle Communications Company

Pericle Communications

Project: Pitkin County

Client : Pitkin County

Site Name: Elephant

Site Coordinates:

Comment: Minor TV changes

Engineer: Dan Mieszala

Date: 09-12-2006

Time: 08:21:39

Run Options: All Orders

RX Bandwidth: Receiver Dependent

Data File Name: elephant.dta

Hit File Name.: elephant.H3

Calc File Name: elephant.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	A	88.50000	KDNK		1	A	88.10000	KDNK	
2	B	90.90000	KAJX		2	B	88.90000	KAJX	
3	C	98.30000	KSPN		3	C	97.30000	KSPN	
4	D	102.30000	KJYE		4	D	95.90000	KJYE	
5	E	103.50000	KSNO		5	E	94.90000	KSNO	
6	F	93.90000	KVOV		6	F	90.50000	KVOV	
7	G	95.10000	KNFO		7	G	94.30000	KNFO	
8	H	55.25000	KJCT ABC		8	H	657.24000	KJCT ABC	
9	I	59.75000	KJCT ABC Audio		9	I	661.74000	KJCT ABC Audio	
10	J	67.25000	KRMJ PBS		10	J	573.26000	KRMJ PBS	
11	K	71.75000	KRMJ PBS Audio		11	K	577.76000	KRMJ PBS Audio	
12	L	187.25000	KKCO NBC		12	L	735.25000	KKCO NBC	
13	M	191.75000	KKCO NBC Audio		13	M	739.75000	KKCO NBC Audio	
14	N	199.25000	KREG CBS		14	N	675.26000	KREG CBS	
15	O	203.75000	KREG CBS Audio		15	O	679.76000	KREG CBS Audio	
16	P	495.26000	KDVR FOX		16	P	561.25000	KDVR FOX	
17	Q	499.76000	KDVR FOX Audio		17	Q	565.25000	KDVR FOX Audio	
18	R	153.95000	Fire		18	R	153.95000	Fire	R
19	S	154.86000	Operations		19	S	154.86000	Operations	S
					20	T	154.93000	Fire RX	
					21	U	158.73000	Ops RX only	

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)98.30000 + (1)187.25000	= 88.95000	0	88.90000	0.0500
2	(-1)95.10000 + (-1)59.75000	= 154.85000	0	154.86000	0.0100
3	(-1)59.75000 + (1)153.95000	= 94.20000	0	94.30000	0.1000

3rd ORDER - 2 AT A TIME:					
4	(-2)98.30000 + (1)102.30000	= 94.30000	0	94.30000	0.0000
5	(-2)203.75000 + (-1)153.95000	= 561.45000	0	561.25000	0.2000

3rd ORDER - 3 AT A TIME:					
6	(1)88.50000 + (-1)90.90000 + (1)98.30000	= 95.90000	0	95.90000	0.0000
7	(1)88.50000 + (-1)59.75000 + (1)67.25000	= 96.00000	0	95.90000	0.1000
8	(1)88.50000 + (-1)191.75000 + (1)199.25000	= 96.00000	0	95.90000	0.1000
9	(-1)88.50000 + (1)499.76000 + (1)153.95000	= 565.21000	0	565.25000	0.0400
10	(1)90.90000 + (-1)98.30000 + (1)102.30000	= 94.90000	0	94.90000	0.0000
11	(1)98.30000 + (1)153.95000 + (-1)154.86000	= 97.39000	0	97.30000	0.0900
12	(1)102.30000 + (1)55.25000 + (1)499.76000	= 657.31000	0	657.24000	0.0700
13	(1)102.30000 + (1)59.75000 + (-1)67.25000	= 94.80000	0	94.90000	0.1000
14	(1)102.30000 + (1)59.75000 + (1)495.26000	= 657.31000	0	657.24000	0.0700
15	(1)102.30000 + (1)191.75000 + (-1)199.25000	= 94.80000	0	94.90000	0.1000
16	(1)103.50000 + (1)59.75000 + (-1)67.25000	= 96.00000	0	95.90000	0.1000
17	(1)103.50000 + (1)71.75000 + (1)499.76000	= 675.01000	0	675.26000	0.2500
18	(1)103.50000 + (1)191.75000 + (-1)199.25000	= 96.00000	0	95.90000	0.1000
19	(1)93.90000 + (-1)153.95000 + (1)154.86000	= 94.81000	0	94.90000	0.0900
20	(1)95.10000 + (1)55.25000 + (-1)59.75000	= 90.60000	0	90.50000	0.1000
21	(1)95.10000 + (1)67.25000 + (-1)71.75000	= 90.60000	0	90.50000	0.1000
22	(1)95.10000 + (1)187.25000 + (-1)191.75000	= 90.60000	0	90.50000	0.1000
23	(1)95.10000 + (1)199.25000 + (-1)203.75000	= 90.60000	0	90.50000	0.1000
24	(1)95.10000 + (1)495.26000 + (-1)499.76000	= 90.60000	0	90.50000	0.1000

4th ORDER - 2 AT A TIME:					
25	(-1)59.75000 + (-3)199.25000	= 657.50000	0	657.24000	0.2600
26	(-2)199.25000 + (2)153.95000	= 90.60000	0	90.50000	0.1000

4th ORDER - 3 AT A TIME:					
27	(1)88.50000 + (1)98.30000 + (2)187.25000	= 561.30000	0	561.25000	0.0500
28	(2)88.50000 + (1)98.30000 + (-1)187.25000	= 88.05000	0	88.10000	0.0500
29	(2)88.50000 + (-1)103.50000 + (1)499.76000	= 573.26000	0	573.26000	0.0000

30	(2)88.50000	+ (-1)93.90000	+ (1)71.75000	= 154.85000	0	154.86000	0.0100
31	(2)88.50000	+ (1)71.75000	+ (-1)153.95000	= 94.80000	0	94.90000	0.1000
32	(-1)88.50000	+ (2)187.25000	+ (-1)191.75000	= 94.25000	0	94.30000	0.0500
33	(2)90.90000	+ (-1)103.50000	+ (1)495.26000	= 573.56000	0	573.26000	0.3000
34	(1)90.90000	+ (-2)93.90000	+ (1)191.75000	= 94.85000	0	94.90000	0.0500
35	(2)90.90000	+ (-1)95.10000	+ (1)67.25000	= 153.95000	0	153.95000	0.0000
36	(-1)90.90000	+ (2)59.75000	+ (1)67.25000	= 95.85000	0	95.90000	0.0500

HIT #	TRANSMITTER FREQUENCY COMBINATIONS	INTERMOD FREQUENCY	IM BW (kHz)	AFFECTED RX FREQ	DIFF (MHz)
37	(1)90.90000 + (1)71.75000 + (2)199.25000	= 561.15000	0	561.25000	0.1000
38	(1)90.90000 + (2)187.25000 + (1)191.75000	= 657.15000	0	657.24000	0.0900
39	(-1)90.90000 + (2)191.75000 + (-1)203.75000	= 88.85000	0	88.90000	0.0500
40	(1)98.30000 + (-2)103.50000 + (1)199.25000	= 90.55000	0	90.50000	0.0500
41	(1)98.30000 + (2)93.90000 + (-1)191.75000	= 94.35000	0	94.30000	0.0500
42	(1)98.30000 + (1)55.25000 + (2)203.75000	= 561.05000	0	561.25000	0.2000
43	(-1)98.30000 + (1)59.75000 + (2)67.25000	= 95.95000	0	95.90000	0.0500
44	(1)98.30000 + (1)67.25000 + (2)203.75000	= 573.05000	0	573.26000	0.2100
45	(-2)98.30000 + (-1)203.75000 + (1)495.26000	= 94.91000	0	94.90000	0.0100
46	(1)98.30000 + (2)153.95000 + (1)154.86000	= 561.06000	0	561.25000	0.1900
47	(2)102.30000 + (1)95.10000 + (-1)203.75000	= 95.95000	0	95.90000	0.0500
48	(-2)102.30000 + (1)95.10000 + (1)203.75000	= 94.25000	0	94.30000	0.0500
49	(-1)102.30000 + (2)59.75000 + (1)71.75000	= 88.95000	0	88.90000	0.0500
50	(-2)102.30000 + (-1)199.25000 + (1)499.76000	= 95.91000	0	95.90000	0.0100
51	(1)103.50000 + (1)95.10000 + (-2)55.25000	= 88.10000	0	88.10000	0.0000
52	(-1)103.50000 + (2)95.10000 + (1)67.25000	= 153.95000	0	153.95000	0.0000
53	(1)103.50000 + (1)95.10000 + (2)187.25000	= 573.10000	0	573.26000	0.1600
54	(2)103.50000 + (1)199.25000 + (1)154.86000	= 561.11000	0	561.25000	0.1400
55	(-1)93.90000 + (1)55.25000 + (2)67.25000	= 95.85000	0	95.90000	0.0500
56	(2)93.90000 + (1)55.25000 + (-1)154.86000	= 88.19000	0	88.10000	0.0900
57	(-1)93.90000 + (2)59.75000 + (1)71.75000	= 97.35000	0	97.30000	0.0500
58	(1)93.90000 + (1)59.75000 + (2)203.75000	= 561.15000	0	561.25000	0.1000
59	(1)93.90000 + (1)71.75000 + (2)203.75000	= 573.15000	0	573.26000	0.1100
60	(-1)93.90000 + (2)187.25000 + (-1)191.75000	= 88.85000	0	88.90000	0.0500
61	(-1)93.90000 + (2)203.75000 + (-1)154.86000	= 158.74000	0	158.73000	0.0100
62	(2)95.10000 + (1)55.25000 + (-1)154.86000	= 90.59000	0	90.50000	0.0900
63	(2)95.10000 + (1)59.75000 + (-1)153.95000	= 96.00000	0	95.90000	0.1000
64	(1)95.10000 + (2)203.75000 + (1)154.86000	= 657.46000	0	657.24000	0.2200
65	(-1)95.10000 + (1)495.26000 + (-2)154.86000	= 90.44000	0	90.50000	0.0600
66	(-1)95.10000 + (1)499.76000 + (-2)154.86000	= 94.94000	0	94.90000	0.0400
67	(1)55.25000 + (2)199.25000 + (1)203.75000	= 657.50000	0	657.24000	0.2600
68	(1)59.75000 + (1)191.75000 + (2)154.86000	= 561.22000	0	561.25000	0.0300
69	(1)59.75000 + (1)203.75000 + (2)154.86000	= 573.22000	0	573.26000	0.0400
70	(1)67.25000 + (1)191.75000 + (2)199.25000	= 657.50000	0	657.24000	0.2600
71	(1)71.75000 + (1)187.25000 + (2)199.25000	= 657.50000	0	657.24000	0.2600
72	(1)71.75000 + (1)191.75000 + (2)154.86000	= 573.22000	0	573.26000	0.0400

73	(1)187.25000	+ (2)199.25000	+ (-1)495.26000	= 90.49000	0	90.50000	0.0100
74	(2)187.25000	+ (-1)199.25000	+ (1)499.76000	= 675.01000	0	675.26000	0.2500
75	(1)187.25000	+ (2)203.75000	+ (-1)499.76000	= 94.99000	0	94.90000	0.0900
76	(-1)187.25000	+ (2)499.76000	+ (-1)154.86000	= 657.41000	0	657.24000	0.1700
77	(1)191.75000	+ (2)199.25000	+ (-1)495.26000	= 94.99000	0	94.90000	0.0900
78	(1)191.75000	+ (2)199.25000	+ (-1)499.76000	= 90.49000	0	90.50000	0.0100

HIT #	TRANSMITTER FREQUENCY COMBINATIONS	INTERMOD FREQUENCY	IM BW (kHz)	AFFECTED RX FREQ	DIFF (MHz)
79	(2)191.75000 + (-1)203.75000 + (1)495.26000	= 675.01000	0	675.26000	0.2500
5th ORDER - 2 AT A TIME:					
80	(-3)88.50000 + (-2)153.95000	= 573.40000	0	573.26000	0.1400
81	(-4)102.30000 + (1)499.76000	= 90.56000	0	90.50000	0.0600
82	(-3)55.25000 + (-2)203.75000	= 573.25000	0	573.26000	0.0100
83	(-3)59.75000 + (-2)199.25000	= 577.75000	0	577.76000	0.0100
84	(-1)59.75000 + (-4)153.95000	= 675.55000	0	675.26000	0.2900
5th ORDER - 3 AT A TIME:					
85	(2)88.50000 + (1)90.90000 + (2)203.75000	= 675.40000	0	675.26000	0.1400
86	(-1)88.50000 + (-1)98.30000 + (3)93.90000	= 94.90000	0	94.90000	0.0000
87	(1)88.50000 + (2)98.30000 + (-2)93.90000	= 97.30000	0	97.30000	0.0000
88	(1)88.50000 + (2)98.30000 + (-2)95.10000	= 94.90000	0	94.90000	0.0000
89	(-2)88.50000 + (2)102.30000 + (1)67.25000	= 94.85000	0	94.90000	0.0500
90	(3)88.50000 + (-1)102.30000 + (-1)67.25000	= 95.95000	0	95.90000	0.0500
91	(1)88.50000 + (-1)102.30000 + (3)191.75000	= 561.45000	0	561.25000	0.2000
92	(-1)88.50000 + (-2)102.30000 + (2)191.75000	= 90.40000	0	90.50000	0.1000
93	(2)88.50000 + (2)102.30000 + (1)191.75000	= 573.35000	0	573.26000	0.0900
94	(-2)88.50000 + (2)103.50000 + (1)67.25000	= 97.25000	0	97.30000	0.0500
95	(3)88.50000 + (-1)103.50000 + (1)495.26000	= 657.26000	0	657.24000	0.0200
96	(3)88.50000 + (-1)103.50000 + (1)499.76000	= 661.76000	0	661.74000	0.0200
97	(-1)88.50000 + (-2)95.10000 + (2)187.25000	= 95.80000	0	95.90000	0.1000
98	(1)88.50000 + (3)95.10000 + (1)187.25000	= 561.05000	0	561.25000	0.2000
99	(1)88.50000 + (3)95.10000 + (1)199.25000	= 573.05000	0	573.26000	0.2100
100	(1)88.50000 + (2)55.25000 + (2)187.25000	= 573.50000	0	573.26000	0.2400
101	(2)88.50000 + (2)59.75000 + (-1)199.25000	= 97.25000	0	97.30000	0.0500
102	(-2)88.50000 + (2)59.75000 + (1)154.86000	= 97.36000	0	97.30000	0.0600
103	(1)88.50000 + (-3)67.25000 + (1)203.75000	= 90.50000	0	90.50000	0.0000
104	(1)88.50000 + (1)71.75000 + (3)191.75000	= 735.50000	0	735.25000	0.2500
105	(3)88.50000 + (-1)187.25000 + (1)495.26000	= 573.51000	0	573.26000	0.2500
106	(3)88.50000 + (-1)191.75000 + (1)499.76000	= 573.51000	0	573.26000	0.2500
107	(3)88.50000 + (-1)199.25000 + (1)495.26000	= 561.51000	0	561.25000	0.2600
108	(3)88.50000 + (-1)203.75000 + (1)499.76000	= 561.51000	0	561.25000	0.2600
109	(1)90.90000 + (2)98.30000 + (-2)95.10000	= 97.30000	0	97.30000	0.0000
110	(1)90.90000 + (3)98.30000 + (1)187.25000	= 573.05000	0	573.26000	0.2100
111	(-2)90.90000 + (-1)98.30000 + (2)187.25000	= 94.40000	0	94.30000	0.1000
112	(-1)90.90000 + (-2)98.30000 + (2)191.75000	= 96.00000	0	95.90000	0.1000

113	(-1)90.90000	+ (1)102.30000	+ (3)187.25000	= 573.15000	0	573.26000	0.1100
114	(-2)90.90000	+ (-1)102.30000	+ (2)187.25000	= 90.40000	0	90.50000	0.1000
115	(-1)90.90000	+ (-2)93.90000	+ (2)187.25000	= 95.80000	0	95.90000	0.1000
116	(2)90.90000	+ (2)93.90000	+ (1)191.75000	= 561.35000	0	561.25000	0.1000
117	(2)90.90000	+ (2)93.90000	+ (1)203.75000	= 573.35000	0	573.26000	0.0900
118	(2)90.90000	+ (1)95.10000	+ (2)199.25000	= 675.40000	0	675.26000	0.1400

HIT #	TRANSMITTER FREQUENCY COMBINATIONS	INTERMOD FREQUENCY	IM BW (kHz)	AFFECTED RX FREQ	DIFF (MHz)
119	(1)90.90000 + (3)67.25000 + (-1)203.75000	= 88.90000	0	88.90000	0.0000
120	(-2)90.90000 + (-1)71.75000 + (2)203.75000	= 153.95000	0	153.95000	0.0000
121	(2)90.90000 + (1)71.75000 + (2)153.95000	= 561.45000	0	561.25000	0.2000
122	(3)90.90000 + (-1)199.25000 + (1)499.76000	= 573.21000	0	573.26000	0.0500
123	(-1)90.90000 + (3)199.25000 + (1)154.86000	= 661.71000	0	661.74000	0.0300
124	(2)90.90000 + (2)199.25000 + (1)154.86000	= 735.16000	0	735.25000	0.0900
125	(-1)90.90000 + (3)203.75000 + (1)154.86000	= 675.21000	0	675.26000	0.0500
126	(1)98.30000 + (2)102.30000 + (-2)103.50000	= 95.90000	0	95.90000	0.0000
127	(-2)98.30000 + (1)102.30000 + (2)95.10000	= 95.90000	0	95.90000	0.0000
128	(1)98.30000 + (2)103.50000 + (2)187.25000	= 679.80000	0	679.76000	0.0400
129	(1)98.30000 + (2)93.90000 + (-2)95.10000	= 95.90000	0	95.90000	0.0000
130	(-1)98.30000 + (-2)93.90000 + (2)191.75000	= 97.40000	0	97.30000	0.1000
131	(-1)98.30000 + (-2)95.10000 + (2)191.75000	= 95.00000	0	94.90000	0.1000
132	(2)98.30000 + (1)95.10000 + (2)191.75000	= 675.20000	0	675.26000	0.0600
133	(1)98.30000 + (-3)67.25000 + (1)199.25000	= 95.80000	0	95.90000	0.1000
134	(3)98.30000 + (1)67.25000 + (1)199.25000	= 561.40000	0	561.25000	0.1500
135	(2)98.30000 + (2)191.75000 + (1)154.86000	= 734.96000	0	735.25000	0.2900
136	(-2)102.30000 + (-1)103.50000 + (2)199.25000	= 90.40000	0	90.50000	0.1000
137	(-2)102.30000 + (-2)103.50000 + (1)499.76000	= 88.16000	0	88.10000	0.0600
138	(3)102.30000 + (1)103.50000 + (1)154.86000	= 565.26000	0	565.25000	0.0100
139	(3)102.30000 + (1)55.25000 + (1)199.25000	= 561.40000	0	561.25000	0.1500
140	(1)102.30000 + (-3)55.25000 + (1)153.95000	= 90.50000	0	90.50000	0.0000
141	(1)102.30000 + (3)59.75000 + (-1)187.25000	= 94.30000	0	94.30000	0.0000
142	(-2)102.30000 + (-1)59.75000 + (2)499.76000	= 735.17000	0	735.25000	0.0800
143	(3)102.30000 + (1)67.25000 + (1)187.25000	= 561.40000	0	561.25000	0.1500
144	(3)102.30000 + (1)67.25000 + (1)199.25000	= 573.40000	0	573.26000	0.1400
145	(2)102.30000 + (1)199.25000 + (-2)153.95000	= 95.95000	0	95.90000	0.0500
146	(-1)102.30000 + (1)199.25000 + (3)154.86000	= 561.53000	0	561.25000	0.2800
147	(2)103.50000 + (1)93.90000 + (2)187.25000	= 675.40000	0	675.26000	0.1400
148	(3)103.50000 + (-1)59.75000 + (-1)154.86000	= 95.89000	0	95.90000	0.0100
149	(-1)103.50000 + (1)67.25000 + (3)199.25000	= 561.50000	0	561.25000	0.2500
150	(-2)103.50000 + (2)71.75000 + (1)153.95000	= 90.45000	0	90.50000	0.0500
151	(-1)103.50000 + (3)187.25000 + (1)199.25000	= 657.50000	0	657.24000	0.2600
152	(2)103.50000 + (2)187.25000 + (1)153.95000	= 735.45000	0	735.25000	0.2000
153	(-1)103.50000 + (3)191.75000 + (1)203.75000	= 675.50000	0	675.26000	0.2400
154	(3)103.50000 + (1)191.75000 + (1)154.86000	= 657.11000	0	657.24000	0.1300

155	(-1)103.50000	+ (3)203.75000	+ (1)153.95000	= 661.70000	0	661.74000	0.0400
156	(-1)93.90000	+ (-2)95.10000	+ (2)187.25000	= 90.40000	0	90.50000	0.1000
157	(2)93.90000	+ (1)95.10000	+ (2)187.25000	= 657.40000	0	657.24000	0.1600
158	(2)93.90000	+ (2)95.10000	+ (1)187.25000	= 565.25000	0	565.25000	0.0000
159	(1)93.90000	+ (-3)67.25000	+ (1)203.75000	= 95.90000	0	95.90000	0.0000
160	(-2)93.90000	+ (-1)67.25000	+ (2)495.26000	= 735.47000	0	735.25000	0.2200

HIT #	TRANSMITTER FREQUENCY COMBINATIONS	INTERMOD FREQUENCY	IM BW (kHz)	AFFECTED RX FREQ	DIFF (MHz)
161	(-3)93.90000 + (1)187.25000 + (1)191.75000	= 97.30000	0	97.30000	0.0000
162	(3)93.90000 + (-1)203.75000 + (1)495.26000	= 573.21000	0	573.26000	0.0500
163	(2)95.10000 + (1)59.75000 + (2)203.75000	= 657.45000	0	657.24000	0.2100
164	(-1)95.10000 + (1)191.75000 + (3)154.86000	= 561.23000	0	561.25000	0.0200
165	(2)95.10000 + (2)199.25000 + (-1)499.76000	= 88.94000	0	88.90000	0.0400
166	(-1)95.10000 + (3)199.25000 + (1)154.86000	= 657.51000	0	657.24000	0.2700
167	(-1)95.10000 + (1)203.75000 + (3)154.86000	= 573.23000	0	573.26000	0.0300
168	(1)55.25000 + (2)59.75000 + (2)199.25000	= 573.25000	0	573.26000	0.0100
169	(2)55.25000 + (1)59.75000 + (2)203.75000	= 577.75000	0	577.76000	0.0100
170	(1)55.25000 + (2)67.25000 + (2)191.75000	= 573.25000	0	573.26000	0.0100
171	(2)55.25000 + (1)67.25000 + (2)191.75000	= 561.25000	0	561.25000	0.0000
172	(1)55.25000 + (2)71.75000 + (2)187.25000	= 573.25000	0	573.26000	0.0100
173	(3)55.25000 + (1)191.75000 + (1)203.75000	= 561.25000	0	561.25000	0.0000
174	(1)55.25000 + (2)203.75000 + (-2)153.95000	= 154.85000	0	154.86000	0.0100
175	(-2)55.25000 + (2)499.76000 + (-1)153.95000	= 735.07000	0	735.25000	0.1800
176	(1)55.25000 + (1)499.76000 + (-3)154.86000	= 90.43000	0	90.50000	0.0700
177	(-1)55.25000 + (3)153.95000 + (1)154.86000	= 561.46000	0	561.25000	0.2100
178	(2)55.25000 + (2)153.95000 + (1)154.86000	= 573.26000	0	573.26000	0.0000
179	(2)59.75000 + (1)67.25000 + (2)187.25000	= 561.25000	0	561.25000	0.0000
180	(1)59.75000 + (2)67.25000 + (2)191.75000	= 577.75000	0	577.76000	0.0100
181	(1)59.75000 + (2)71.75000 + (2)187.25000	= 577.75000	0	577.76000	0.0100
182	(-1)59.75000 + (-2)187.25000 + (2)499.76000	= 565.27000	0	565.25000	0.0200
183	(2)59.75000 + (2)191.75000 + (1)153.95000	= 656.95000	0	657.24000	0.2900
184	(-1)59.75000 + (2)203.75000 + (2)154.86000	= 657.47000	0	657.24000	0.2300
185	(1)59.75000 + (1)495.26000 + (-3)154.86000	= 90.43000	0	90.50000	0.0700
186	(1)59.75000 + (1)499.76000 + (-3)154.86000	= 94.93000	0	94.90000	0.0300
187	(-2)67.25000 + (2)187.25000 + (1)495.26000	= 735.26000	0	735.25000	0.0100
188	(-2)67.25000 + (2)187.25000 + (1)499.76000	= 739.76000	0	739.75000	0.0100
189	(-3)67.25000 + (-1)199.25000 + (1)495.26000	= 94.26000	0	94.30000	0.0400
190	(-3)67.25000 + (-1)203.75000 + (1)499.76000	= 94.26000	0	94.30000	0.0400
191	(-2)67.25000 + (1)499.76000 + (2)154.86000	= 674.98000	0	675.26000	0.2800
192	(-3)71.75000 + (-1)187.25000 + (1)499.76000	= 97.26000	0	97.30000	0.0400
193	(-2)71.75000 + (2)191.75000 + (1)495.26000	= 735.26000	0	735.25000	0.0100
194	(-2)71.75000 + (2)191.75000 + (1)499.76000	= 739.76000	0	739.75000	0.0100
195	(-1)71.75000 + (3)191.75000 + (1)153.95000	= 657.45000	0	657.24000	0.2100
196	(3)71.75000 + (1)191.75000 + (1)153.95000	= 560.95000	0	561.25000	0.3000

197	(2)71.75000	+ (1)203.75000	+ (2)154.86000	= 656.97000	0	657.24000	0.2700
198	(3)71.75000	+ (1)499.76000	+ (-1)153.95000	= 561.06000	0	561.25000	0.1900
199	(-1)191.75000	+ (3)203.75000	+ (1)153.95000	= 573.45000	0	573.26000	0.1900
200	(2)191.75000	+ (1)499.76000	+ (-2)154.86000	= 573.54000	0	573.26000	0.2800

