

Exhibit 18.4a: Contour Protection Toward KLWL

Scale 1:4,000,000

FMCommander Single Allocation Study - 04-08-2015 - USGS 03 SEC
KJTY.p's Overlaps (In= 58.96 km, Out= 1.11 km)

KJTY.p CH 201 C1

Lat= 39 02 21.0, Lng= 95 26 59.0

100.0 kW 196.4 M HAAT, 489.4 M COR

Prot.= 60 dBu, Intef.= 40 dBu

KLWL CH 201 A BLED20121017ABT

Lat= 39 48 54.0, Lng= 93 35 18.0

0.8 kW 103 M HAAT, 332 M COR

Prot.= 60 dBu, Intef.= 40 dBu

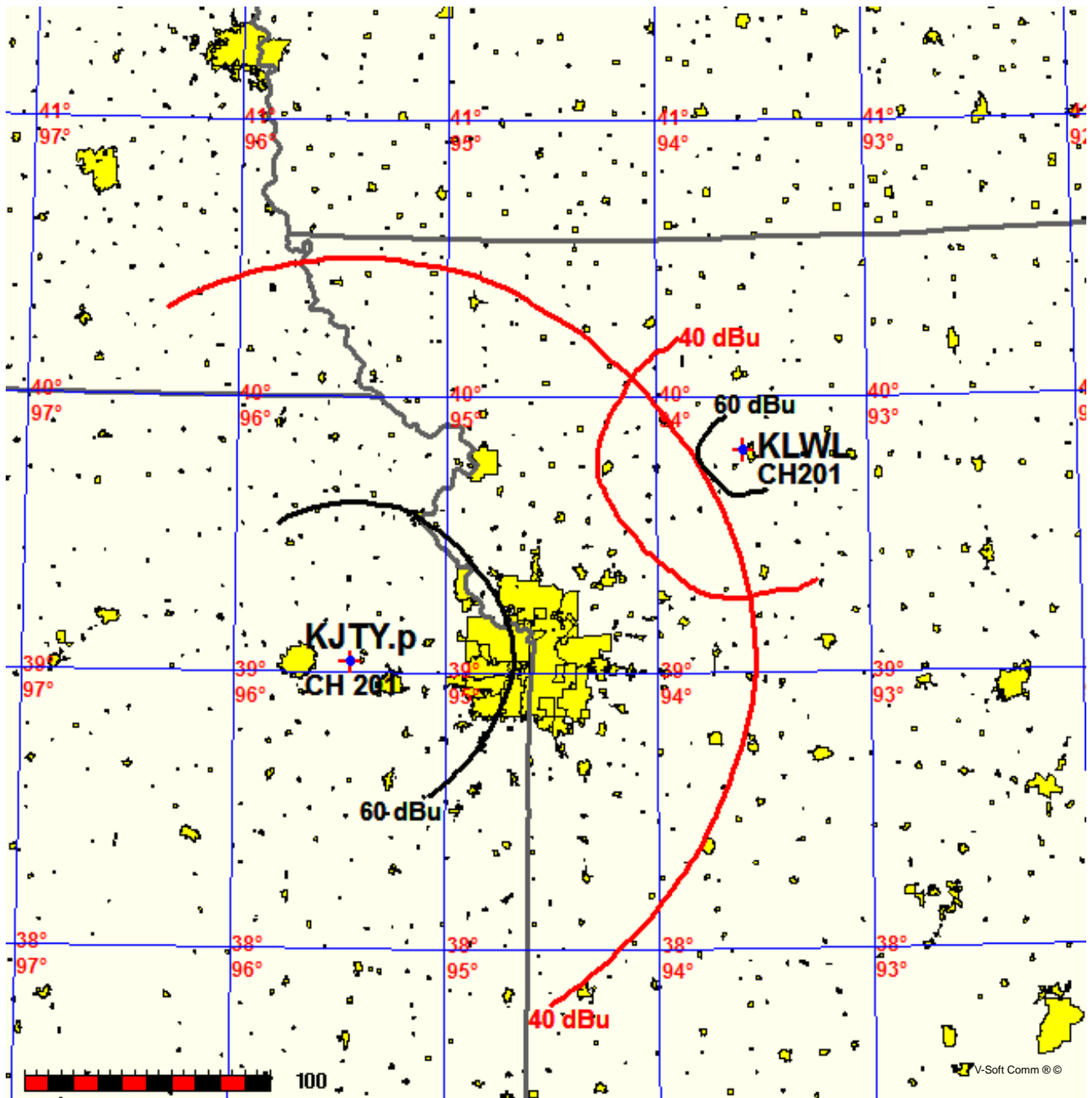


Exhibit 18.4b: Contour Protection Toward KLWL

Scale 1:1,500,000

FMCommander Single Allocation Study - 04-08-2015 - USGS 03 SEC

KJTY.p's Overlaps (In= 58.96 km, Out= 1.11 km)

KJTY.p CH 201 C1

Lat= 39 02 21.0, Lng= 95 26 59.0

100.0 kW 196.4 M HAAT, 489.4 M COR

Prot.= 60 dBu, Intef.= 40 dBu

KLWL CH 201 A BLED20121017ABT

Lat= 39 48 54.0, Lng= 93 35 18.0

0.8 kW 103 M HAAT, 332 M COR

Prot.= 60 dBu, Intef.= 40 dBu

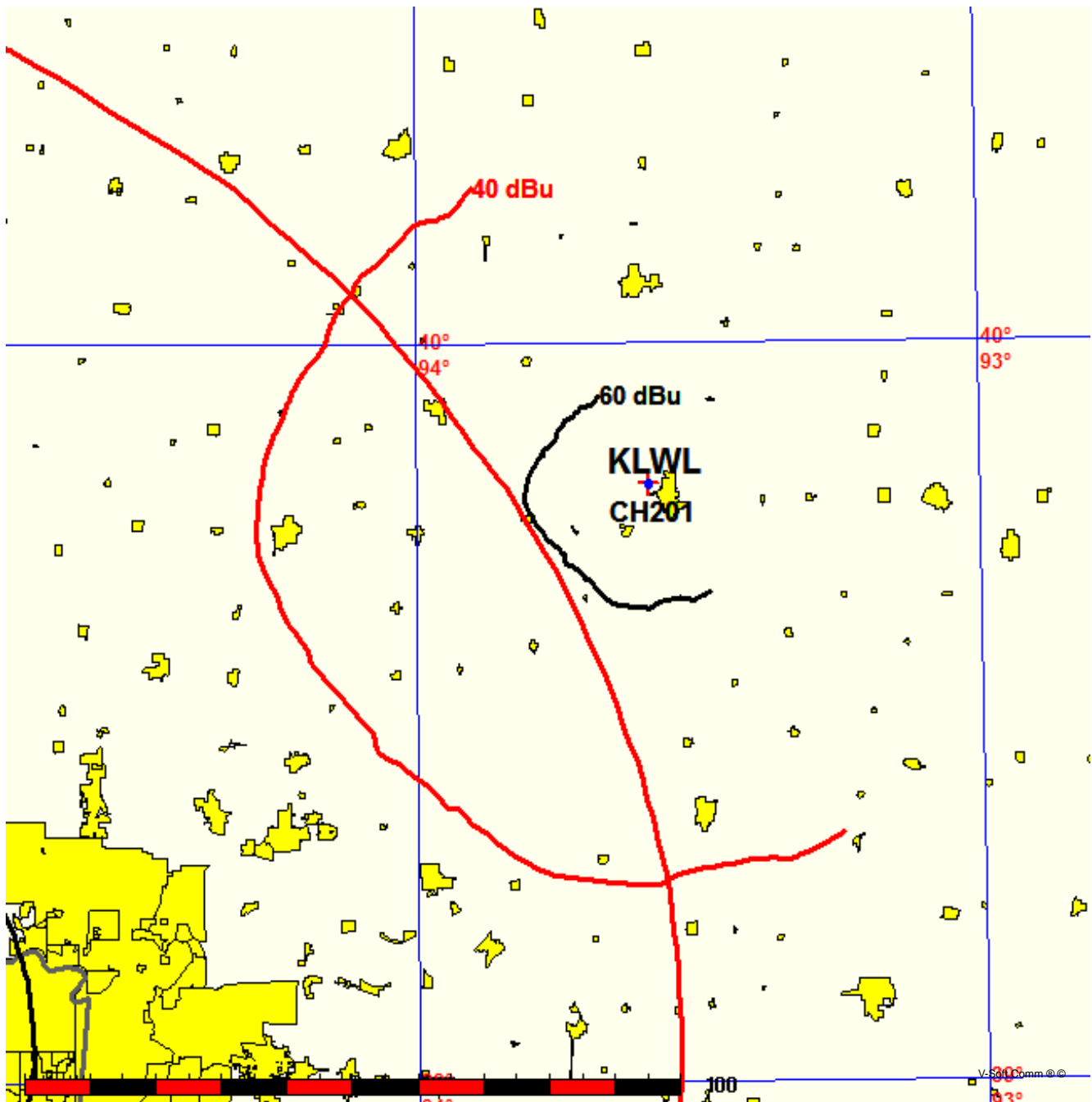


Exhibit 18.4c: FMOver Analysis Toward KLWL

04-09-2015

Terrain Data: USGS 03 SEC

FMOver Analysis

KJTY.p

KLWL BLED20121017ABT

Channel = 201C1
Max ERP = 100 kW
RCAMSL = 489.4 M
N. Lat. 39 02 21.0
W. Lng. 95 26 59.0
Protected
60 dBu

Channel = 201A
Max ERP = 0.8 kW
RCAMSL = 332 M
N. Lat. 39 48 54.0
W. Lng. 93 35 18.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
001.0	100.0000	0207.6	064.5	262.8	000.8000	0115.0	159.5	17.28	
002.0	100.0000	0207.9	064.5	262.7	000.8000	0115.1	158.4	17.47	
003.0	100.0000	0208.8	064.6	262.6	000.8000	0115.1	157.3	17.66	
004.0	100.0000	0208.7	064.6	262.6	000.8000	0115.1	156.2	17.85	
005.0	100.0000	0207.8	064.5	262.4	000.8000	0115.2	155.1	18.02	
006.0	100.0000	0206.0	064.4	262.3	000.8000	0115.2	154.1	18.20	
007.0	100.0000	0203.7	064.1	262.1	000.8000	0115.3	153.1	18.37	
008.0	100.0000	0202.9	064.1	261.9	000.8000	0115.4	152.0	18.54	
009.0	100.0000	0203.0	064.1	261.8	000.8000	0115.4	150.9	18.71	
010.0	100.0000	0204.7	064.2	261.7	000.8000	0115.5	149.8	18.90	
011.0	100.0000	0206.3	064.4	261.6	000.8000	0115.5	148.7	19.08	
012.0	100.0000	0207.1	064.5	261.5	000.8000	0115.6	147.7	19.27	
013.0	100.0000	0208.2	064.6	261.4	000.8000	0115.6	146.6	19.45	
014.0	100.0000	0210.8	064.8	261.3	000.8000	0115.7	145.4	19.65	
015.0	100.0000	0212.2	065.0	261.1	000.8000	0115.7	144.4	19.85	
016.0	100.0000	0213.1	065.0	261.0	000.8000	0115.8	143.3	20.05	
017.0	100.0000	0212.4	065.0	260.8	000.8000	0115.9	142.3	20.23	
018.0	100.0000	0211.2	064.9	260.5	000.8000	0116.0	141.4	20.42	
019.0	100.0000	0210.5	064.8	260.3	000.8000	0116.1	140.4	20.60	
020.0	100.0000	0210.8	064.8	260.0	000.8000	0116.1	139.4	20.79	
021.0	100.0000	0211.4	064.9	259.8	000.8000	0116.1	138.4	20.99	
022.0	100.0000	0212.1	064.9	259.6	000.8000	0116.2	137.4	21.18	
023.0	100.0000	0209.5	064.7	259.2	000.8000	0116.1	136.6	21.33	
024.0	100.0000	0206.9	064.5	258.9	000.8000	0115.8	135.9	21.48	
025.0	100.0000	0205.7	064.3	258.5	000.8000	0115.6	135.0	21.64	
026.0	100.0000	0204.0	064.2	258.2	000.8000	0115.3	134.3	21.78	
027.0	100.0000	0200.3	063.8	257.8	000.8000	0115.1	133.6	21.90	
028.0	100.0000	0197.8	063.6	257.4	000.8000	0114.8	132.9	22.03	
029.0	100.0000	0197.9	063.6	257.0	000.8000	0114.6	132.1	22.18	
030.0	100.0000	0198.0	063.6	256.7	000.8000	0114.4	131.3	22.33	
031.0	100.0000	0198.1	063.6	256.4	000.8000	0114.0	130.5	22.47	
032.0	100.0000	0198.6	063.7	256.0	000.8000	0113.5	129.7	22.61	
033.0	100.0000	0199.2	063.7	255.7	000.8000	0112.9	128.9	22.74	
034.0	100.0000	0200.4	063.8	255.3	000.8000	0112.2	128.1	22.87	
035.0	100.0000	0201.4	063.9	255.0	000.8000	0111.4	127.3	22.99	
036.0	100.0000	0201.8	064.0	254.6	000.8000	0110.6	126.6	23.10	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
037.0	100.0000	0200.4	063.8	254.2	000.8000	0110.0	126.1	23.18
038.0	100.0000	0198.3	063.6	253.7	000.8000	0109.6	125.6	23.26
039.0	100.0000	0196.6	063.5	253.2	000.8000	0109.4	125.1	23.34
040.0	100.0000	0196.2	063.4	252.8	000.8000	0109.3	124.5	23.43
041.0	100.0000	0195.0	063.3	252.3	000.8000	0109.2	124.1	23.51
042.0	100.0000	0196.5	063.5	251.9	000.8000	0109.2	123.4	23.63
043.0	100.0000	0198.2	063.6	251.5	000.8000	0109.2	122.7	23.75
044.0	100.0000	0199.3	063.7	251.0	000.8000	0109.1	122.1	23.85
045.0	100.0000	0199.2	063.7	250.6	000.8000	0109.0	121.7	23.92
046.0	100.0000	0199.2	063.7	250.1	000.8000	0108.6	121.2	23.99
047.0	100.0000	0198.3	063.6	249.6	000.8000	0108.3	120.9	24.04
048.0	100.0000	0197.4	063.5	249.1	000.8000	0107.9	120.6	24.08
049.0	100.0000	0197.9	063.6	248.6	000.8000	0107.1	120.2	24.13
050.0	100.0000	0198.0	063.6	248.1	000.8000	0106.1	119.8	24.16
051.0	100.0000	0198.0	063.6	247.6	000.8000	0105.1	119.5	24.18
052.0	100.0000	0197.3	063.5	247.1	000.8000	0104.4	119.3	24.19
053.0	100.0000	0196.0	063.4	246.5	000.8000	0104.0	119.2	24.20
054.0	100.0000	0195.9	063.4	246.0	000.8000	0103.5	119.0	24.22
055.0	100.0000	0196.5	063.5	245.5	000.8000	0103.0	118.7	24.25
056.0	100.0000	0198.0	063.6	245.0	000.8000	0102.4	118.4	24.29
057.0	100.0000	0201.1	063.9	244.4	000.8000	0102.0	118.0	24.35
058.0	100.0000	0203.8	064.2	243.9	000.8000	0102.1	117.6	24.41
059.0	100.0000	0204.4	064.2	243.4	000.8000	0102.4	117.5	24.45
060.0	100.0000	0204.7	064.2	242.8	000.8000	0103.1	117.4	24.48
061.0	100.0000	0205.6	064.3	242.3	000.8000	0103.6	117.3	24.51
062.0	100.0000	0207.4	064.5	241.7	000.8000	0103.6	117.1	24.54
063.0	100.0000	0209.0	064.6	241.2	000.8000	0102.9	117.0	24.54
064.0	100.0000	0210.0	064.7	240.6	000.8000	0101.9	117.0	24.51
065.0	100.0000	0211.0	064.8	240.1	000.8000	0101.4	117.0	24.49
066.0	100.0000	0211.6	064.9	239.5	000.8000	0101.3	117.1	24.47
067.0	100.0000	0211.9	064.9	239.0	000.8000	0100.9	117.3	24.44
068.0	100.0000	0213.0	065.0	238.4	000.8000	0100.4	117.3	24.40
069.0	100.0000	0214.6	065.2	237.8	000.8000	0099.5	117.4	24.36
070.0	100.0000	0215.9	065.3	237.3	000.8000	0098.8	117.6	24.31
071.0	100.0000	0216.2	065.3	236.8	000.8000	0098.3	117.8	24.25
072.0	100.0000	0216.5	065.3	236.2	000.8000	0097.7	118.1	24.18
073.0	100.0000	0218.4	065.5	235.7	000.8000	0097.1	118.3	24.13
074.0	100.0000	0221.2	065.8	235.1	000.8000	0096.7	118.4	24.10
075.0	100.0000	0221.6	065.8	234.6	000.8000	0096.4	118.8	24.02
076.0	100.0000	0221.7	065.8	234.1	000.8000	0096.2	119.2	23.94
077.0	100.0000	0223.4	066.0	233.5	000.8000	0095.8	119.6	23.87
078.0	100.0000	0224.6	066.1	233.0	000.8000	0095.7	120.0	23.80
079.0	100.0000	0225.9	066.2	232.5	000.8000	0095.7	120.4	23.73
080.0	100.0000	0227.0	066.3	232.0	000.8000	0095.8	120.9	23.65
081.0	100.0000	0227.7	066.4	231.5	000.8000	0096.0	121.4	23.57
082.0	100.0000	0227.6	066.3	231.0	000.8000	0096.3	122.0	23.47
083.0	100.0000	0226.6	066.3	230.6	000.8000	0096.3	122.7	23.35
084.0	100.0000	0227.3	066.3	230.1	000.8000	0095.8	123.3	23.23
085.0	100.0000	0227.6	066.3	229.7	000.8000	0095.3	124.0	23.10
086.0	100.0000	0227.0	066.3	229.3	000.8000	0094.9	124.7	22.95
087.0	100.0000	0227.8	066.4	228.9	000.8000	0094.9	125.4	22.84

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
088.0	100.0000	0228.5	066.4	228.4	000.8000	0095.3	126.1	22.72
089.0	100.0000	0228.8	066.5	228.0	000.8000	0095.9	126.8	22.61
090.0	100.0000	0229.1	066.5	227.6	000.8000	0096.6	127.6	22.50
091.0	100.0000	0228.8	066.5	227.3	000.8000	0097.6	128.4	22.38
092.0	100.0000	0228.2	066.4	226.9	000.8000	0098.8	129.3	22.25
093.0	100.0000	0227.2	066.3	226.6	000.8000	0099.9	130.2	22.12
094.0	100.0000	0225.9	066.2	226.3	000.8000	0100.8	131.1	21.96
095.0	100.0000	0224.0	066.0	226.0	000.8000	0101.7	132.1	21.80
096.0	100.0000	0222.1	065.9	225.8	000.8000	0102.3	133.1	21.63
097.0	100.0000	0220.5	065.7	225.5	000.8000	0102.7	134.1	21.45
098.0	100.0000	0218.2	065.5	225.3	000.8000	0102.8	135.1	21.24
099.0	100.0000	0215.0	065.2	225.1	000.8000	0102.7	136.2	21.03
100.0	100.0000	0212.1	064.9	225.0	000.8000	0102.6	137.3	20.81
101.0	100.0000	0210.3	064.8	224.8	000.8000	0102.3	138.4	20.60
102.0	100.0000	0208.7	064.6	224.6	000.8000	0102.0	139.4	20.39
103.0	100.0000	0207.0	064.5	224.4	000.8000	0101.8	140.5	20.18
104.0	100.0000	0204.6	064.2	224.2	000.8000	0101.6	141.5	19.97
105.0	100.0000	0201.3	063.9	224.1	000.8000	0101.5	142.7	19.75
106.0	100.0000	0200.0	063.8	224.0	000.8000	0101.3	143.7	19.55
107.0	100.0000	0200.1	063.8	223.8	000.8000	0101.0	144.7	19.36
108.0	100.0000	0199.5	063.7	223.6	000.8000	0100.7	145.8	19.17
109.0	100.0000	0197.9	063.6	223.5	000.8000	0100.5	146.8	18.97
110.0	100.0000	0196.0	063.4	223.4	000.8000	0100.3	147.9	18.78
111.0	100.0000	0193.7	063.2	223.3	000.8000	0100.2	149.0	18.58
112.0	100.0000	0193.8	063.2	223.1	000.8000	0099.9	150.1	18.40
113.0	100.0000	0194.2	063.2	223.0	000.8000	0099.6	151.1	18.22
114.0	100.0000	0192.8	063.1	222.9	000.8000	0099.4	152.2	18.03
115.0	100.0000	0192.5	063.1	222.8	000.8000	0099.2	153.2	17.85
116.0	100.0000	0192.4	063.1	222.7	000.8000	0099.0	154.3	17.67
117.0	100.0000	0192.8	063.1	222.6	000.8000	0098.7	155.3	17.49
118.0	100.0000	0192.5	063.1	222.5	000.8000	0098.6	156.4	17.30
119.0	100.0000	0190.9	062.9	222.4	000.8000	0098.5	157.5	17.11
120.0	100.0000	0188.2	062.7	222.5	000.8000	0098.5	158.7	16.92

04-09-2015

Terrain Data: USGS 03 SEC

FMOver Analysis

KLWL BLED20121017ABT

KJTY.p

Channel = 201A

Max ERP = 0.8 kW

RCAMSL = 332 M

N. Lat. 39 48 54.0

W. Lng. 93 35 18.0

Protected

60 dBu

Channel = 201C1

Max ERP = 100 kW

RCAMSL = 489.4 M

N. Lat. 39 02 21.0

W. Lng. 95 26 59.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
182.0	000.8000	0119.9	019.3	066.6	100.0000	0211.9	172.9	38.30	
183.0	000.8000	0119.8	019.3	066.6	100.0000	0211.9	172.6	38.35	
184.0	000.8000	0119.7	019.3	066.5	100.0000	0211.9	172.3	38.40	
185.0	000.8000	0119.7	019.3	066.5	100.0000	0211.9	172.0	38.46	
186.0	000.8000	0119.8	019.3	066.4	100.0000	0211.9	171.7	38.51	
187.0	000.8000	0119.7	019.3	066.4	100.0000	0211.8	171.4	38.56	
188.0	000.8000	0119.7	019.3	066.3	100.0000	0211.8	171.1	38.61	
189.0	000.8000	0120.1	019.3	066.3	100.0000	0211.8	170.8	38.67	
190.0	000.8000	0120.1	019.3	066.2	100.0000	0211.8	170.5	38.72	
191.0	000.8000	0120.5	019.3	066.1	100.0000	0211.7	170.2	38.77	
192.0	000.8000	0120.7	019.4	066.1	100.0000	0211.7	169.9	38.82	
193.0	000.8000	0121.5	019.4	066.0	100.0000	0211.6	169.6	38.87	
194.0	000.8000	0121.8	019.4	066.0	100.0000	0211.6	169.3	38.92	
195.0	000.8000	0121.4	019.4	065.9	100.0000	0211.5	169.1	38.96	
196.0	000.8000	0120.5	019.3	065.8	100.0000	0211.5	168.8	39.00	
197.0	000.8000	0119.4	019.3	065.7	100.0000	0211.4	168.6	39.04	
198.0	000.8000	0117.9	019.1	065.6	100.0000	0211.3	168.5	39.06	
199.0	000.8000	0116.6	019.0	065.5	100.0000	0211.2	168.3	39.09	
200.0	000.8000	0115.7	019.0	065.4	100.0000	0211.2	168.1	39.13	
201.0	000.8000	0114.4	018.9	065.3	100.0000	0211.2	167.9	39.16	
202.0	000.8000	0112.6	018.7	065.2	100.0000	0211.1	167.8	39.18	
203.0	000.8000	0110.9	018.6	065.1	100.0000	0211.1	167.7	39.20	
204.0	000.8000	0108.7	018.4	064.9	100.0000	0211.0	167.6	39.21	
205.0	000.8000	0106.7	018.2	064.8	100.0000	0211.0	167.5	39.22	
206.0	000.8000	0105.2	018.0	064.7	100.0000	0210.9	167.4	39.24	
207.0	000.8000	0104.9	018.0	064.6	100.0000	0210.8	167.3	39.26	
208.0	000.8000	0104.2	017.9	064.5	100.0000	0210.7	167.1	39.29	
209.0	000.8000	0101.8	017.7	064.4	100.0000	0210.5	167.1	39.28	
210.0	000.8000	0099.6	017.5	064.3	100.0000	0210.3	167.1	39.28	
211.0	000.8000	0100.0	017.5	064.2	100.0000	0210.2	166.9	39.31	
212.0	000.8000	0102.3	017.8	064.1	100.0000	0210.2	166.5	39.38	
213.0	000.8000	0102.0	017.7	064.0	100.0000	0210.1	166.4	39.40	
214.0	000.8000	0099.7	017.5	063.9	100.0000	0209.9	166.4	39.39	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
215.0	000.8000	0098.0	017.3	063.8	100.0000	0209.8	166.4	39.39
216.0	000.8000	0097.6	017.3	063.7	100.0000	0209.7	166.3	39.41
217.0	000.8000	0097.5	017.3	063.6	100.0000	0209.6	166.2	39.43
218.0	000.8000	0097.3	017.3	063.5	100.0000	0209.5	166.1	39.45
219.0	000.8000	0097.7	017.3	063.4	100.0000	0209.4	165.9	39.48
220.0	000.8000	0098.1	017.3	063.3	100.0000	0209.3	165.7	39.50
221.0	000.8000	0097.7	017.3	063.2	100.0000	0209.2	165.6	39.52
222.0	000.8000	0097.8	017.3	063.1	100.0000	0209.1	165.5	39.54
223.0	000.8000	0099.6	017.5	063.1	100.0000	0209.0	165.2	39.58
224.0	000.8000	0101.3	017.7	063.0	100.0000	0208.9	165.0	39.63
225.0	000.8000	0102.6	017.8	062.9	100.0000	0208.8	164.7	39.67
226.0	000.8000	0101.8	017.7	062.8	100.0000	0208.7	164.7	39.67
227.0	000.8000	0098.6	017.4	062.6	100.0000	0208.5	164.9	39.63
228.0	000.8000	0095.9	017.1	062.5	100.0000	0208.3	165.1	39.59
229.0	000.8000	0094.8	017.0	062.4	100.0000	0208.2	165.1	39.58
230.0	000.8000	0095.6	017.1	062.3	100.0000	0208.0	165.0	39.61
231.0	000.8000	0096.3	017.1	062.2	100.0000	0207.8	164.9	39.63
232.0	000.8000	0095.8	017.1	062.1	100.0000	0207.6	164.8	39.62
233.0	000.8000	0095.7	017.1	062.0	100.0000	0207.5	164.8	39.63
234.0	000.8000	0096.1	017.1	061.9	100.0000	0207.3	164.7	39.64
235.0	000.8000	0096.7	017.2	061.8	100.0000	0207.1	164.6	39.65
236.0	000.8000	0097.4	017.3	061.7	100.0000	0206.9	164.5	39.67
237.0	000.8000	0098.5	017.4	061.6	100.0000	0206.8	164.3	39.69
238.0	000.8000	0099.7	017.5	061.5	100.0000	0206.6	164.2	39.72
239.0	000.8000	0101.0	017.6	061.4	100.0000	0206.4	164.0	39.74
240.0	000.8000	0101.4	017.7	061.3	100.0000	0206.1	164.0	39.74
241.0	000.8000	0102.5	017.8	061.2	100.0000	0205.9	163.9	39.76
242.0	000.8000	0103.6	017.9	061.1	100.0000	0205.8	163.8	39.78
243.0	000.8000	0102.8	017.8	061.0	100.0000	0205.6	163.8	39.76
244.0	000.8000	0102.0	017.7	060.9	100.0000	0205.5	163.9	39.74
245.0	000.8000	0102.5	017.8	060.8	100.0000	0205.3	163.9	39.74
246.0	000.8000	0103.5	017.9	060.7	100.0000	0205.2	163.8	39.76
247.0	000.8000	0104.3	017.9	060.5	100.0000	0205.0	163.8	39.76
248.0	000.8000	0106.0	018.1	060.4	100.0000	0204.9	163.6	39.78
249.0	000.8000	0107.8	018.3	060.3	100.0000	0204.8	163.5	39.80
250.0	000.8000	0108.5	018.3	060.2	100.0000	0204.7	163.5	39.80
251.0	000.8000	0109.1	018.4	060.1	100.0000	0204.7	163.5	39.80
252.0	000.8000	0109.2	018.4	060.0	100.0000	0204.7	163.5	39.80
253.0	000.8000	0109.4	018.4	059.9	100.0000	0204.6	163.6	39.79
254.0	000.8000	0109.8	018.5	059.7	100.0000	0204.6	163.6	39.78
255.0	000.8000	0111.4	018.6	059.6	100.0000	0204.5	163.5	39.79
256.0	000.8000	0113.4	018.8	059.5	100.0000	0204.5	163.5	39.80
257.0	000.8000	0114.6	018.9	059.4	100.0000	0204.5	163.5	39.80
258.0	000.8000	0115.2	018.9	059.3	100.0000	0204.5	163.5	39.80
259.0	000.8000	0115.9	019.0	059.1	100.0000	0204.4	163.6	39.79
260.0	000.8000	0116.1	019.0	059.0	100.0000	0204.4	163.6	39.77
261.0	000.8000	0115.8	019.0	058.9	100.0000	0204.4	163.8	39.74
262.0	000.8000	0115.3	018.9	058.8	100.0000	0204.4	163.9	39.72
263.0	000.8000	0114.9	018.9	058.7	100.0000	0204.3	164.1	39.69
264.0	000.8000	0113.8	018.8	058.6	100.0000	0204.3	164.3	39.65
265.0	000.8000	0112.2	018.7	058.5	100.0000	0204.3	164.6	39.60

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
266.0	000.8000	0111.2	018.6	058.5	100.0000	0204.2	164.8	39.56
267.0	000.8000	0110.5	018.5	058.4	100.0000	0204.2	165.0	39.53
268.0	000.8000	0109.8	018.5	058.3	100.0000	0204.1	165.2	39.49
269.0	000.8000	0108.9	018.4	058.2	100.0000	0204.1	165.4	39.45
270.0	000.8000	0107.9	018.3	058.1	100.0000	0204.0	165.7	39.40
271.0	000.8000	0106.7	018.2	058.0	100.0000	0203.9	165.9	39.35
272.0	000.8000	0105.9	018.1	058.0	100.0000	0203.8	166.2	39.31
273.0	000.8000	0105.0	018.0	057.9	100.0000	0203.6	166.4	39.27
274.0	000.8000	0103.9	017.9	057.8	100.0000	0203.5	166.7	39.22
275.0	000.8000	0102.4	017.8	057.8	100.0000	0203.3	167.0	39.16
276.0	000.8000	0100.7	017.6	057.7	100.0000	0203.2	167.3	39.10
277.0	000.8000	0099.1	017.4	057.7	100.0000	0203.1	167.6	39.04
278.0	000.8000	0097.4	017.3	057.6	100.0000	0203.0	167.9	38.99
279.0	000.8000	0095.6	017.1	057.6	100.0000	0202.9	168.3	38.92
280.0	000.8000	0094.1	016.9	057.5	100.0000	0202.8	168.6	38.87
281.0	000.8000	0093.0	016.8	057.5	100.0000	0202.7	168.9	38.81
282.0	000.8000	0092.2	016.7	057.4	100.0000	0202.5	169.1	38.76
283.0	000.8000	0091.6	016.7	057.4	100.0000	0202.3	169.4	38.72
284.0	000.8000	0091.1	016.6	057.3	100.0000	0202.2	169.6	38.67
285.0	000.8000	0089.9	016.5	057.3	100.0000	0202.1	169.9	38.61
286.0	000.8000	0088.1	016.3	057.3	100.0000	0202.0	170.3	38.55
287.0	000.8000	0086.8	016.1	057.2	100.0000	0201.9	170.6	38.50
288.0	000.8000	0085.6	016.0	057.2	100.0000	0201.8	170.9	38.44
289.0	000.8000	0083.7	015.8	057.2	100.0000	0201.8	171.2	38.38
290.0	000.8000	0081.6	015.6	057.2	100.0000	0201.8	171.6	38.32
291.0	000.8000	0080.3	015.4	057.2	100.0000	0201.8	171.9	38.26
292.0	000.8000	0079.5	015.3	057.2	100.0000	0201.7	172.1	38.21
293.0	000.8000	0078.9	015.3	057.1	100.0000	0201.5	172.4	38.16
294.0	000.8000	0079.2	015.3	057.1	100.0000	0201.3	172.6	38.12
295.0	000.8000	0080.0	015.4	057.0	100.0000	0201.0	172.8	38.09
296.0	000.8000	0080.3	015.4	056.9	100.0000	0200.8	173.0	38.04
297.0	000.8000	0080.5	015.4	056.9	100.0000	0200.6	173.2	38.00
298.0	000.8000	0081.4	015.5	056.8	100.0000	0200.4	173.4	37.96
299.0	000.8000	0081.0	015.5	056.8	100.0000	0200.2	173.6	37.91
300.0	000.8000	0080.1	015.4	056.8	100.0000	0200.2	173.9	37.86
301.0	000.8000	0079.0	015.3	056.8	100.0000	0200.2	174.2	37.81