WCLK
APPLICATION FOR MINOR MODIFICATIONS
OF LICENSED FACILITY

This application requests minor changes in ERP, HAAT and tower site for the licensed WCLK(FM) facility (BLED-20010712ACT) on channel 220A at Atlanta, GA. An outstanding construction permit (BPED-20081024ABB) has been cancelled.

Allocation analysis:

All terrain data utilized in this report were obtained from the V-Soft USGS three (3) second terrain database. Tabulations of HAAT and the 60 dBu contour are provided as exhibits E3 and E3A. A channel study is provided as E1 for the proposed facility at the existing tower:

(NAD 27) N 33-48-26 W 84-20-22 (ASR# 1223132).

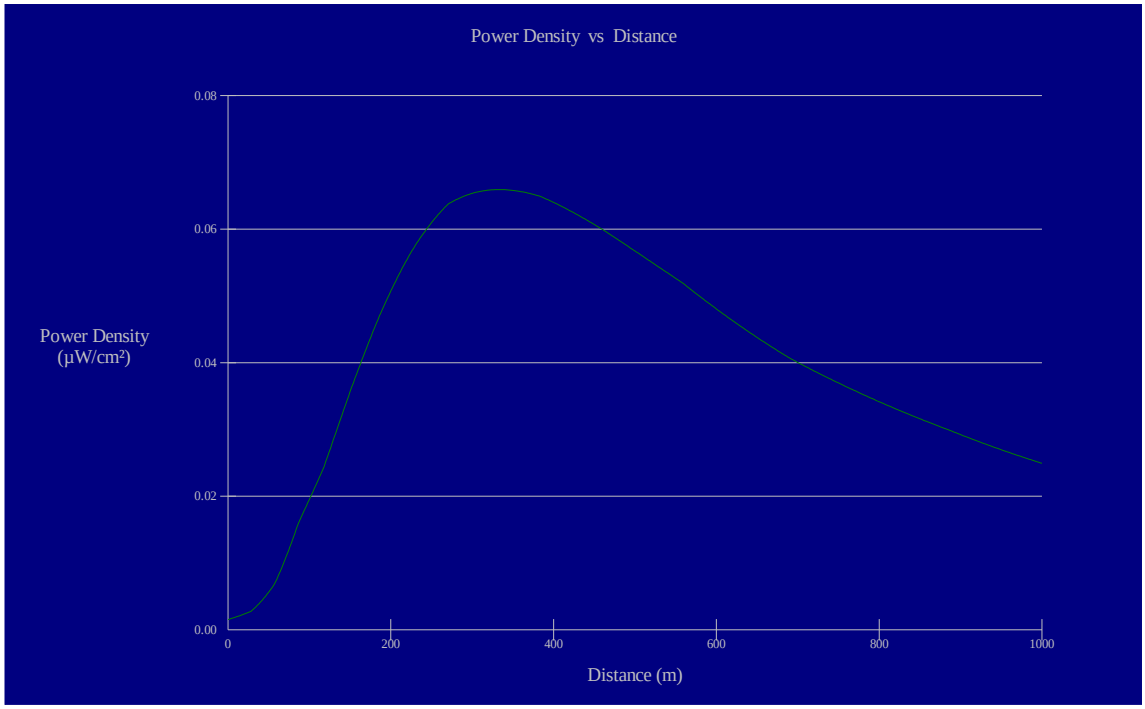
That study demonstrates that the proposed channel 220A facility clears all facilities based on contour overlap methodology. Detailed clearance studies are provided for WMVW on channel 219C3 (E1 and E1A), WBTR-FM on channel 221A (E1B electing Section 73.215 processing), WJFA-FM on channel 221A (E1C electing Section 73.215 processing) and WCCV on channel 219C2.

The required coverage of at least 50% of Atlanta with a 60 dBu contour is demonstrated in Exhibit E2. In fact, all of the Atlanta boundaries are encompassed by the 60 dBu.

Antenna System and RF Calculations

The proposed facility will be combined into the existing W250BC Shively 6014-1/3single bay panel antenna at ASR #1223132 mounted 324 meters above ground level. The

maximum RF contribution for the WCLK 0.480 kW facility was calculated using FMModel to be 0.007 *u*Watts/cm^2 or 0.004% of the maximum of 200 *u*Watts/cm^2 for general public exposure and less that the 5% requiring consideration.



Conclusion

It is concluded that the proposed WCLK application is in full compliance with Commission rules and policies.

July 28, 2011 **Charles M. Anderson**

E1 CHANNEL STUDY

REFERENCE CH# 220A - 91.9 MHz, Pwr= 0.48 kW, HAAT= 302.0 M, COR= 588 M DISPLAY DATES
33 48 26.0 N. Average Protected F(50-50)= 26.37 km DATA 07-28-11
84 20 22.0 W. Omni-directional SEARCH 07-28-11

CH CALL / CITY	TYPE ANT / STATE	AZI / <--	DIST / FILE #	LAT / LNG	PWR(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*IN* / (Overlap in km)	*OUT*
220A WCLK Atlanta	LIC ZC_ GA	224.0 44.0	9.0 BLED20010712ACT	33 44 56.0 84 24 26.0	6.000 94	83.9 372	26.7 Clark Atlanta University	-100.7*	-92.6*
220A WCLK Atlanta	CP NCX GA	224.1 44.1	9.0 BPED20081024ABB	33 44 56.0 84 24 27.0	2.500 94	71.7 372	22.3 Clark Atlanta University	-88.4*	-88.3*(1)
219C3 WMVW Peachtree City	LIC DCX GA	187.7 7.6	63.2 BLED20100510AKQ	33 14 39.0 84 25 49.0	13.000 75	34.1 323	22.6 Life Radio Ministries Inc	2.7	0.3
221A WBTR-FM^ Carrollton	LIC _CN GA	246.9 66.6	68.3 BLH19861029KC	33 33 54.0 85 01 02.0	6.000 100	40.5 404	21.8 Wyai, Inc.	3.2	2.3
221A WJGA-FM^ Jackson	LIC _CN GA	149.5 329.7	68.3 BLH19861029KB	33 16 37.0 83 57 59.0	6.000 100	39.1 290	24.8 Earnhart Broadcasting Co.,	2.9	3.0
219C2 WCCV Cartersville	LIC DC_ GA	301.5 121.1	75.3 BLED20010327AAC	34 09 34.0 85 02 13.0	7.300 285	43.6 518	28.9 Immanuel Broadcasting Netw	4.8	6.0
273A WPZE« Mableton	LIC NC_ GA	230.3 50.2	20.6 BLH20010906AAH	33 41 20.0 84 30 38.0	3.000 143	0.0 416	0.0 New Mableton Broadcasting	9.5R	11.1M
220A WBRQ La Grange	APP _CX GA	217.2 36.8	106.8 BMPED20110718ACX	33 02 24.5 85 01 53.0	1.000 173	43.7 262	11.5 Ben Jordan Communications	38.5	19.7
218C2 WWEV-FM Cumming	LIC DCN GA	19.0 199.1	50.6 BLED19860203KB	34 14 13.0 84 09 36.0	8.900 293	2.2 644	24.9 Curriculum Development Fou	22.6	24.1
220A WBRQ La Grange	CP DCX GA	209.1 28.8	118.2 BPED19980604MA	32 52 33.0 84 57 20.0	3.000 100	58.1 333	17.6 Ben Jordan Communications	34.5	24.9
220A WLJS-FM Jacksonville	LIC DC_ AL	271.8 91.1	129.1 BLED20021209AAG	33 50 12.0 85 43 59.0	0.610 312	62.6 572	19.9 Board Of Trustees, Jackson	38.5	25.9
219A WUGA Athens	LIC _CN GA	82.6 263.2	101.9 BLED19951207KB	33 55 13.0 83 14 46.0	6.000 99	44.4 308	28.7 Georgia Public Telecommuni	31.8	34.7
220A WZZG Toomsboro	LIC NCX GA	125.9 306.6	137.3 BLED20090304ADN	33 04 37.8 83 08 48.3	2.300 146	78.9 258	26.5 Augusta Radio Fellowship I	32.1	34.3
220C WUOT Knoxville	LIC _CX TN	8.1 188.3	245.3 BLED20050519AGZ	35 59 44.0 83 57 23.0	65.000 534	186.0 839	86.3 University Of Tennessee	33.7	83.7
223C3 WEKS« Zebulon	LIC _CX GA	193.1 13.0	76.1 BLH20060714AAC	33 08 20.0 84 31 31.0	12.000 145	4.0 380	39.7 Legacy Media - South Atlan	41.5R	34.6M

(1) Request for dismissal has been filed.

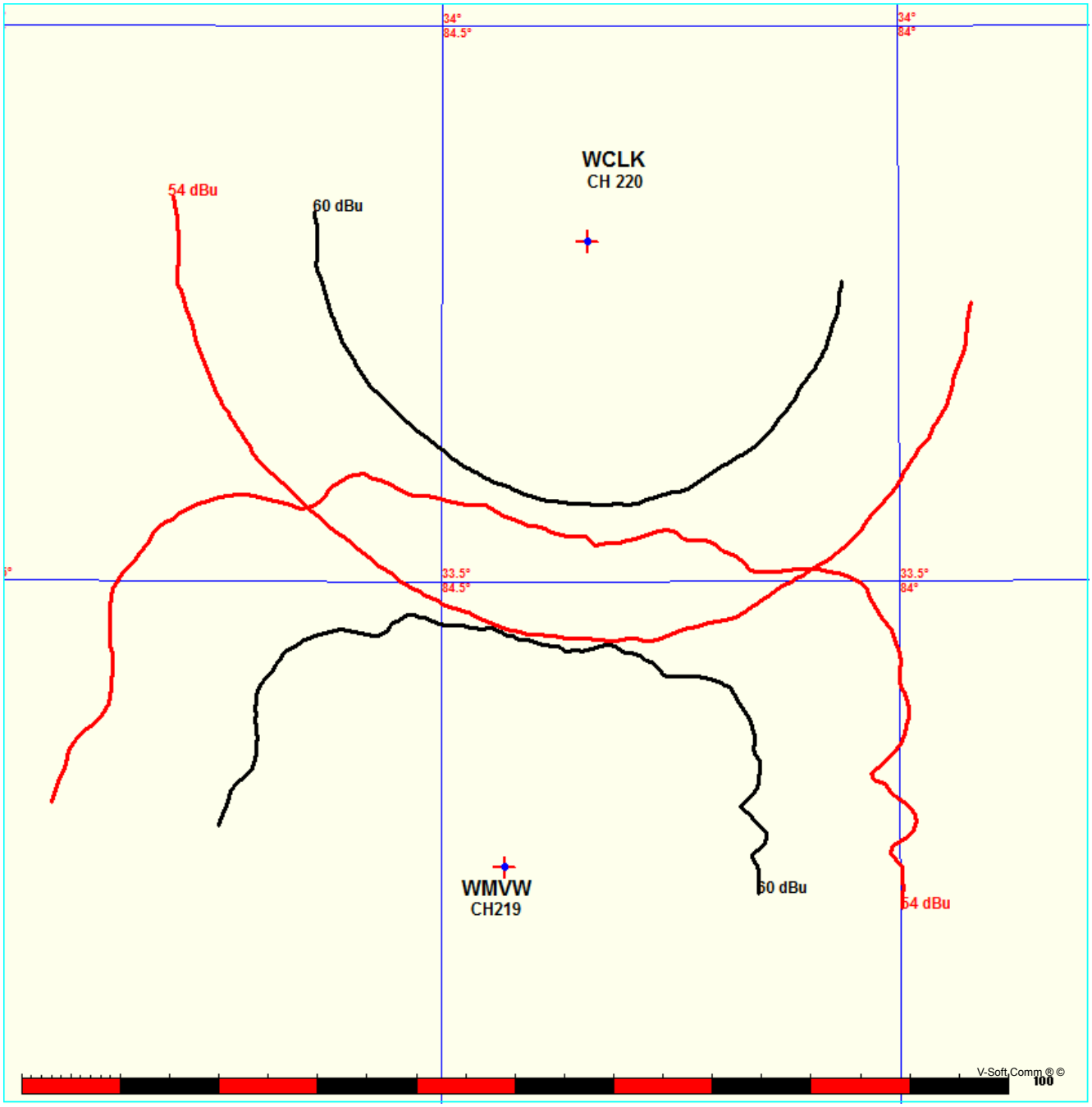
Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.
^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements
Reference station has protected zone issue: AM tower

E1A WCLK -WMVW INTERFERENCE PLOT

FMCommander Single Allocation Study - 07-28-2011 - USGS 03 SEC
WCLK's Overlaps (In= 2.67 km, Out= 0.34 km)

WCLK CH 220 A
Lat= 33 48 26.0, Lng= 84 20 22.0
0.48 kW 302 M HAAT, 588 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WMVW CH 219 C3 DA BLED20100510AKQ
Lat= 33 14 39.0, Lng= 84 25 49.0
13.0 kW 75 M HAAT, 323.1 M COR
Prot.= 60 dBu, Intef.= 54 dBu



E1A1 FMOVER ANALYSIS Terrain Data: USGS 03 SEC

WMVW BLED20100510AKQ

Channel = 219C3
Max ERP = 13 kW
RCAMSL = 323.1 M
N. Lat. 33 14 39.0
W. Lng. 84 25 49.0
Protected
60 dBu

WCLK

Channel = 220A
Max ERP = 0.48 kW
RCAMSL = 588 M
N. Lat. 33 48 26.0
W. Lng. 84 20 22.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
308.0	013.0000	0081.9	030.7	216.8	000.4800	0284.9	054.4	47.43	
309.0	013.0000	0081.3	030.6	216.6	000.4800	0284.9	053.9	47.64	
310.0	013.0000	0081.7	030.6	216.7	000.4800	0284.9	053.4	47.85	
311.0	013.0000	0082.0	030.7	216.7	000.4800	0284.9	052.8	48.07	
312.0	013.0000	0082.1	030.7	216.7	000.4800	0284.9	052.3	48.28	
313.0	013.0000	0082.6	030.8	216.7	000.4800	0284.9	051.8	48.50	
314.0	013.0000	0083.3	030.9	216.8	000.4800	0284.8	051.2	48.72	
315.0	013.0000	0082.3	030.8	216.5	000.4800	0284.9	050.7	48.92	
316.0	013.0000	0081.1	030.5	216.2	000.4800	0284.9	050.2	49.12	
317.0	013.0000	0080.9	030.5	216.0	000.4800	0284.9	049.7	49.33	
318.0	013.0000	0080.3	030.4	215.8	000.4800	0285.0	049.2	49.53	
319.0	013.0000	0079.3	030.2	215.4	000.4800	0285.1	048.7	49.72	
320.0	013.0000	0078.3	030.0	215.1	000.4800	0285.2	048.3	49.91	
321.0	012.4597	0078.7	029.8	214.6	000.4800	0285.2	047.8	50.09	
322.0	011.9309	0079.4	029.6	214.3	000.4800	0285.5	047.4	50.27	
323.0	011.4136	0079.7	029.4	213.8	000.4800	0286.2	047.0	50.46	
324.0	010.9077	0080.1	029.2	213.3	000.4800	0286.7	046.6	50.64	
325.0	010.4133	0080.3	028.9	212.7	000.4800	0286.9	046.2	50.80	
326.0	009.9304	0079.2	028.4	211.9	000.4800	0287.1	045.9	50.91	
327.0	009.4589	0078.2	027.9	211.1	000.4800	0287.3	045.7	51.02	
328.0	008.9989	0077.3	027.5	210.3	000.4800	0288.3	045.5	51.14	
329.0	008.5504	0076.4	027.0	209.6	000.4800	0289.9	045.3	51.27	
330.0	008.1133	0075.7	026.6	208.8	000.4800	0290.5	045.1	51.37	
331.0	008.2060	0074.2	026.4	208.3	000.4800	0290.8	044.8	51.50	
332.0	008.2992	0073.4	026.3	207.9	000.4800	0290.7	044.4	51.65	
333.0	008.3930	0073.0	026.4	207.6	000.4800	0290.7	044.0	51.81	
334.0	008.4872	0074.1	026.6	207.5	000.4800	0290.7	043.5	52.03	
335.0	008.5820	0075.0	026.8	207.3	000.4800	0290.7	043.0	52.24	
336.0	008.6774	0074.9	026.9	207.0	000.4800	0290.7	042.6	52.42	
337.0	008.7732	0074.9	026.9	206.6	000.4800	0290.5	042.2	52.59	
338.0	008.8696	0074.6	026.9	206.2	000.4800	0290.3	041.9	52.74	
339.0	008.9665	0073.7	026.9	205.7	000.4800	0290.3	041.6	52.87	
340.0	009.0639	0072.6	026.7	205.2	000.4800	0291.1	041.3	53.01	

FMOver Analysis continued

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
341.0	008.8096	0071.3	026.4	204.3	000.4800	0291.1	041.3	53.03
342.0	008.5588	0070.8	026.1	203.6	000.4800	0291.0	041.2	53.08
343.0	008.3117	0069.7	025.8	202.8	000.4800	0292.0	041.1	53.12
344.0	008.0682	0068.2	025.3	202.0	000.4800	0293.0	041.2	53.13
345.0	007.8283	0067.3	025.0	201.2	000.4800	0292.8	041.1	53.14
346.0	007.5920	0067.0	024.8	200.6	000.4800	0292.7	041.1	53.16
347.0	007.3594	0067.6	024.7	200.0	000.4800	0292.8	040.9	53.25
348.0	007.1303	0068.3	024.7	199.4	000.4800	0292.9	040.7	53.33
349.0	006.9049	0068.6	024.5	198.8	000.4800	0292.5	040.6	53.36
350.0	006.6832	0069.0	024.4	198.2	000.4800	0292.1	040.5	53.39
351.0	006.4119	0069.2	024.2	197.6	000.4800	0292.9	040.5	53.43
352.0	006.1463	0069.8	024.1	196.9	000.4800	0294.2	040.4	53.49
353.0	005.8863	0070.6	024.0	196.3	000.4800	0295.0	040.4	53.55
354.0	005.6320	0071.5	023.9	195.7	000.4800	0296.2	040.3	53.61
355.0	005.3832	0073.0	023.8	195.2	000.4800	0297.3	040.2	53.70
356.0	005.1401	0074.7	023.8	194.6	000.4800	0297.7	040.0	53.77
357.0	004.9025	0076.2	023.8	194.0	000.4800	0298.5	040.0	53.84
358.0	004.6706	0076.9	023.6	193.4	000.4800	0299.5	040.0	53.85
359.0	004.4444	0077.2	023.4	192.7	000.4800	0300.1	040.1	53.81
000.0	004.2237	0077.5	023.2	192.1	000.4800	0300.4	040.3	53.76
001.0	004.1060	0078.0	023.1	191.5	000.4800	0300.4	040.2	53.77
002.0	003.9899	0078.5	023.0	190.9	000.4800	0300.7	040.3	53.76
003.0	003.8755	0078.5	022.9	190.3	000.4800	0301.4	040.4	53.74
004.0	003.7628	0078.9	022.8	189.7	000.4800	0302.2	040.4	53.74
005.0	003.6517	0080.0	022.8	189.2	000.4800	0302.5	040.4	53.77
006.0	003.5423	0081.1	022.7	188.6	000.4800	0302.3	040.4	53.76
007.0	003.4345	0081.9	022.7	188.1	000.4800	0301.3	040.4	53.71
008.0	003.3285	0082.0	022.5	187.5	000.4800	0299.8	040.6	53.60
009.0	003.2241	0083.0	022.5	186.9	000.4800	0299.8	040.6	53.58
010.0	003.1213	0084.1	022.5	186.4	000.4800	0300.3	040.7	53.58
011.0	003.1341	0084.1	022.5	185.8	000.4800	0300.6	040.7	53.58
012.0	003.1468	0084.0	022.5	185.3	000.4800	0300.8	040.7	53.57
013.0	003.1596	0084.8	022.6	184.7	000.4800	0301.2	040.6	53.62
014.0	003.1725	0085.3	022.7	184.1	000.4800	0301.8	040.6	53.64
015.0	003.1853	0083.4	022.5	183.7	000.4800	0302.3	040.9	53.53
016.0	003.1982	0082.3	022.4	183.2	000.4800	0302.3	041.1	53.44
017.0	003.2111	0083.2	022.5	182.6	000.4800	0301.7	041.1	53.44
018.0	003.2241	0084.3	022.7	182.0	000.4800	0301.6	041.0	53.46
019.0	003.2370	0085.2	022.8	181.4	000.4800	0301.7	041.0	53.47
020.0	003.2500	0085.7	022.9	180.8	000.4800	0302.3	041.0	53.47
021.0	003.4199	0085.8	023.2	180.2	000.4800	0302.7	040.9	53.54
022.0	003.5941	0085.6	023.4	179.5	000.4800	0302.6	040.8	53.57
023.0	003.7726	0086.1	023.7	178.8	000.4800	0303.3	040.7	53.65
024.0	003.9554	0086.2	024.0	178.1	000.4800	0304.1	040.6	53.70
025.0	004.1426	0087.0	024.4	177.3	000.4800	0305.6	040.5	53.81
026.0	004.3341	0086.7	024.6	176.7	000.4800	0306.4	040.5	53.82
027.0	004.5299	0085.7	024.7	176.1	000.4800	0306.4	040.6	53.77
028.0	004.7301	0083.6	024.7	175.6	000.4800	0306.1	040.9	53.64
029.0	004.9345	0081.3	024.6	175.2	000.4800	0305.7	041.2	53.49
030.0	005.1433	0080.4	024.7	174.6	000.4800	0305.4	041.4	53.42
031.0	005.4050	0080.1	024.9	173.9	000.4800	0304.9	041.4	53.37

FMOver Analysis continued

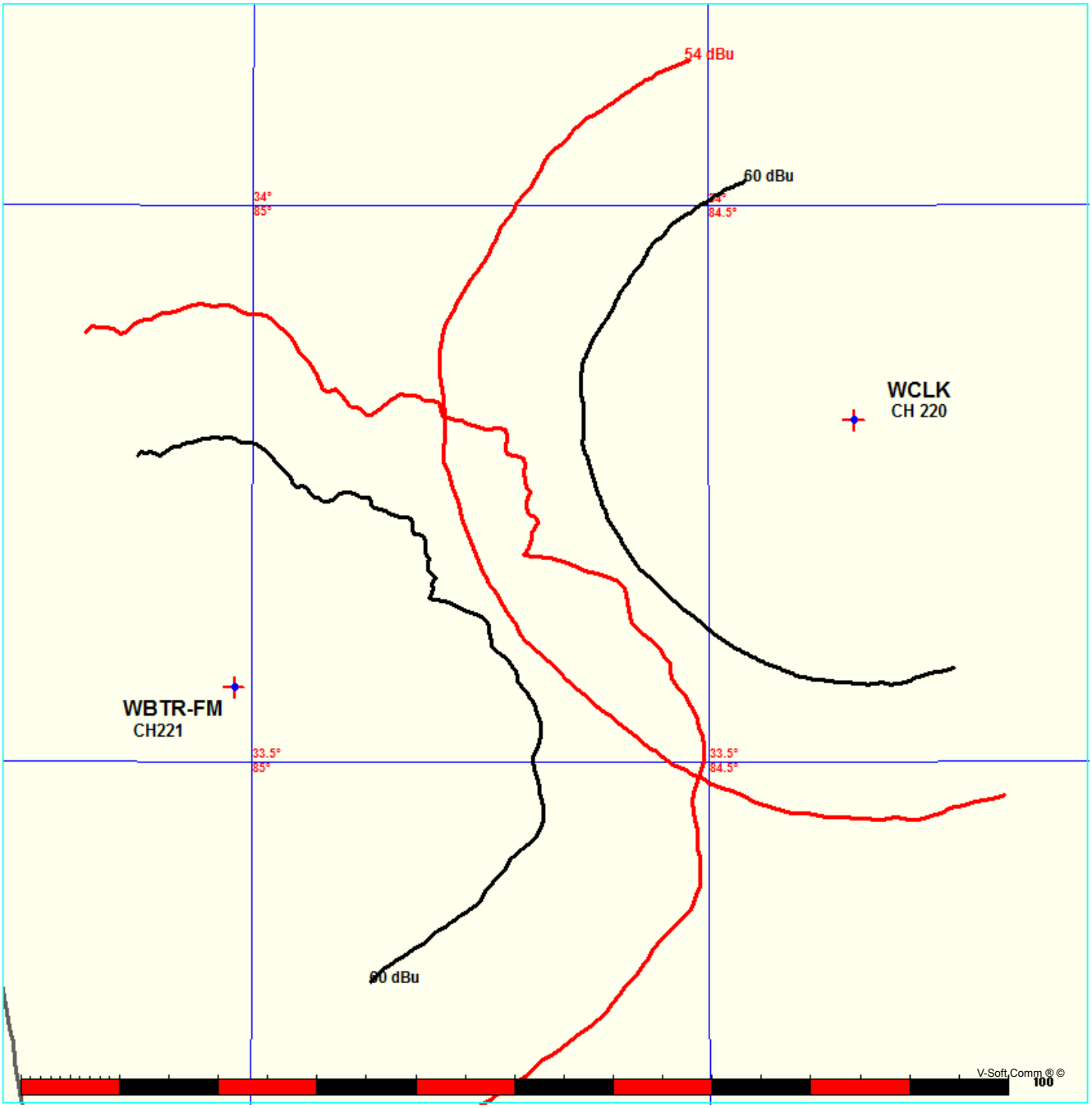
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
032.0	005.6731	0079.2	025.0	173.3	000.4800	0306.1	041.6	53.34
033.0	005.9477	0078.2	025.2	172.7	000.4800	0308.2	041.8	53.32
034.0	006.2288	0076.3	025.1	172.3	000.4800	0310.1	042.1	53.24
035.0	006.5164	0074.2	025.1	171.9	000.4800	0311.8	042.4	53.15
036.0	006.8105	0073.2	025.2	171.4	000.4800	0313.0	042.7	53.08
037.0	007.1111	0071.9	025.2	171.0	000.4800	0312.8	042.9	52.95
038.0	007.4182	0070.2	025.2	170.6	000.4800	0312.6	043.3	52.80
039.0	007.7317	0068.6	025.2	170.2	000.4800	0312.4	043.6	52.65
040.0	008.0518	0066.3	025.0	170.0	000.4800	0312.3	044.0	52.47
041.0	008.4725	0065.7	025.2	169.4	000.4800	0311.9	044.3	52.37
042.0	008.9040	0065.9	025.5	168.8	000.4800	0311.0	044.4	52.27
043.0	009.3461	0066.6	025.9	168.0	000.4800	0310.1	044.6	52.19
044.0	009.7990	0067.5	026.4	167.2	000.4800	0308.9	044.7	52.09
045.0	010.2626	0068.8	026.9	166.4	000.4800	0306.8	044.8	51.97
046.0	010.7369	0069.8	027.3	165.6	000.4800	0306.5	045.0	51.89
047.0	011.2219	0070.3	027.7	164.9	000.4800	0307.3	045.3	51.81
048.0	011.7177	0070.5	028.0	164.3	000.4800	0307.6	045.5	51.70
049.0	012.2241	0070.6	028.2	163.7	000.4800	0307.4	045.9	51.56
050.0	012.7413	0071.1	028.6	163.0	000.4800	0307.0	046.2	51.42
051.0	012.7671	0072.1	028.8	162.6	000.4800	0307.1	046.6	51.27
052.0	012.7928	0073.4	029.0	162.1	000.4800	0307.6	047.0	51.13
053.0	012.8186	0073.2	029.0	161.9	000.4800	0307.8	047.4	50.94
054.0	012.8445	0072.4	028.9	161.8	000.4800	0307.9	048.0	50.74
055.0	012.8703	0071.9	028.8	161.8	000.4800	0308.0	048.5	50.54
056.0	012.8962	0071.8	028.8	161.6	000.4800	0308.2	048.9	50.36
057.0	012.9221	0071.7	028.8	161.5	000.4800	0308.4	049.4	50.17
058.0	012.9481	0071.6	028.8	161.3	000.4800	0308.6	049.9	49.99
059.0	012.9740	0071.9	028.9	161.1	000.4800	0309.0	050.4	49.81
060.0	013.0000	0071.5	028.8	161.1	000.4800	0309.1	050.9	49.61
061.0	013.0000	0070.7	028.7	161.1	000.4800	0309.0	051.4	49.41
062.0	013.0000	0070.4	028.6	161.1	000.4800	0309.1	051.9	49.21
063.0	013.0000	0069.5	028.4	161.2	000.4800	0308.9	052.4	49.00
064.0	013.0000	0067.8	028.1	161.4	000.4800	0308.4	053.0	48.78
065.0	013.0000	0066.3	027.9	161.7	000.4800	0308.1	053.5	48.56
066.0	013.0000	0065.9	027.8	161.7	000.4800	0308.1	054.0	48.37
067.0	013.0000	0066.2	027.9	161.6	000.4800	0308.2	054.5	48.19

E1B WCLK - WBTR-FM MAXIMUM CLASS INTERFERENCE PLOT

FMCommander Single Allocation Study - 07-28-2011 - USGS 03 SEC
WCLK's Overlaps (In= 3.15 km, Out= 2.31 km)

WCLK CH 220 A
Lat= 33 48 26.0, Lng= 84 20 22.0
0.48 kW 302 M HAAT, 588 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WBTR-FM^ CH 221 A BLH19861029KC
Lat= 33 33 54.0, Lng= 85 01 02.0
Max Cls: 6.0 kW 100 M HAAT, 404 M COR
Prot.= 60 dBu, Intef.= 54 dBu

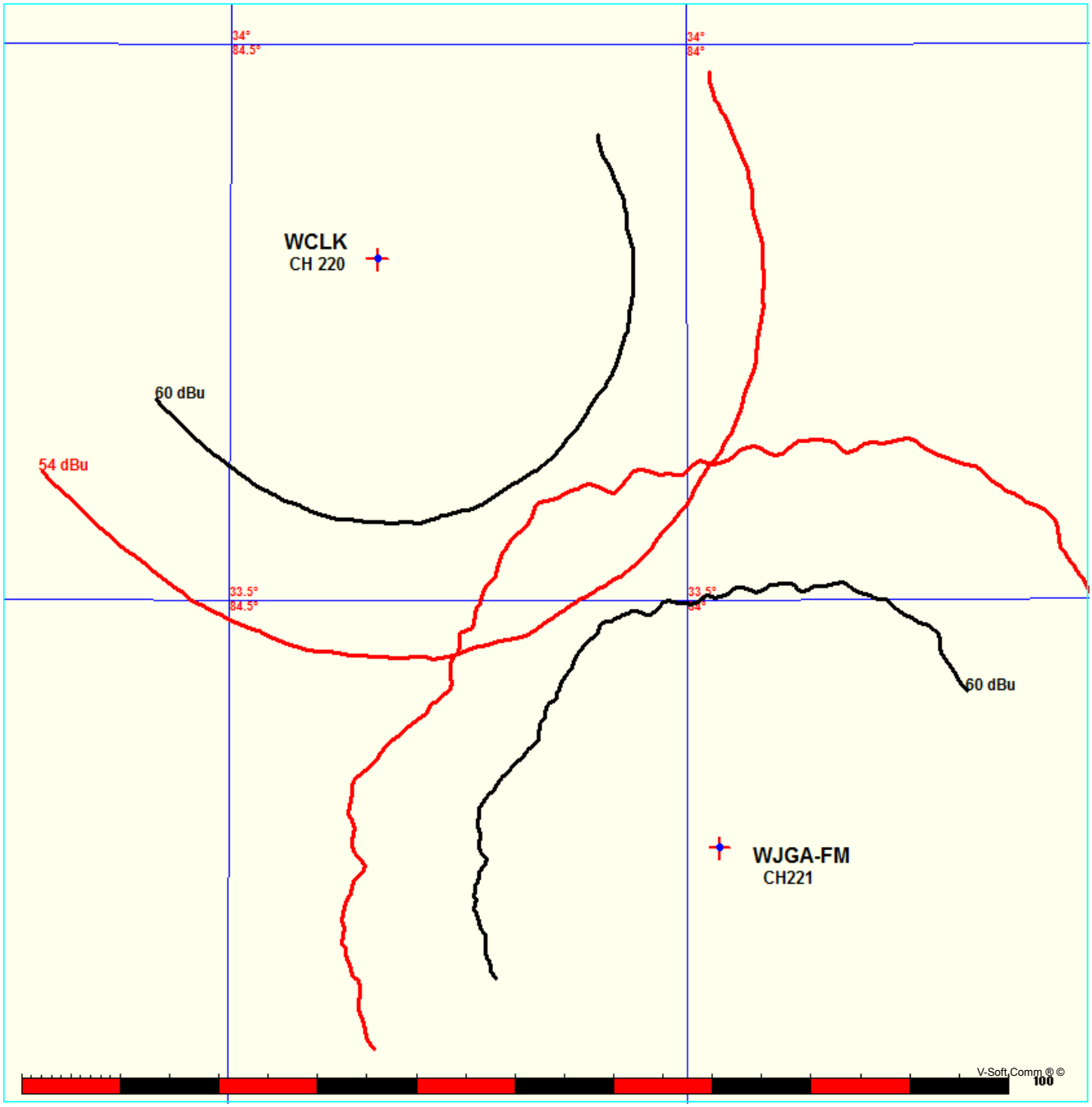


E1C WCLK - WJGA-FM MAXIMUM CLASS INTERFERENCE PLOT

FMCommander Single Allocation Study - 07-28-2011 - USGS 03 SEC
WCLK's Overlaps (In= 2.88 km, Out= 2.99 km)

WCLK CH 220 A
Lat= 33 48 26.0, Lng= 84 20 22.0
0.48 kW 302 M HAAT, 588 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WJGA-FM^ CH 221 A BLH19861029KB
Lat= 33 16 37.0, Lng= 83 57 59.0
Max Cls: 6.0 kW 100 M HAAT, 290 M COR
Prot.= 60 dBu, Intef.= 54 dBu

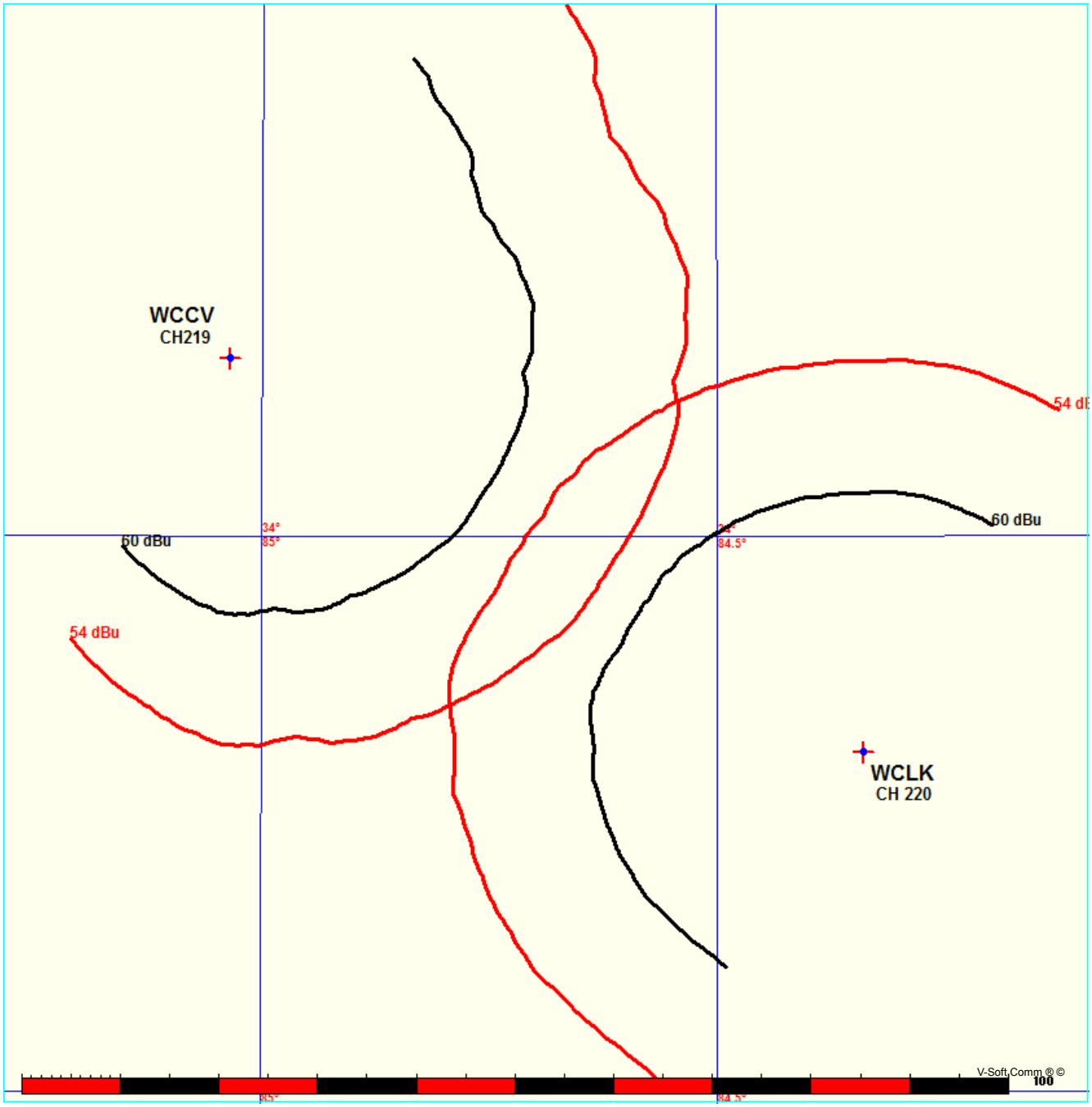


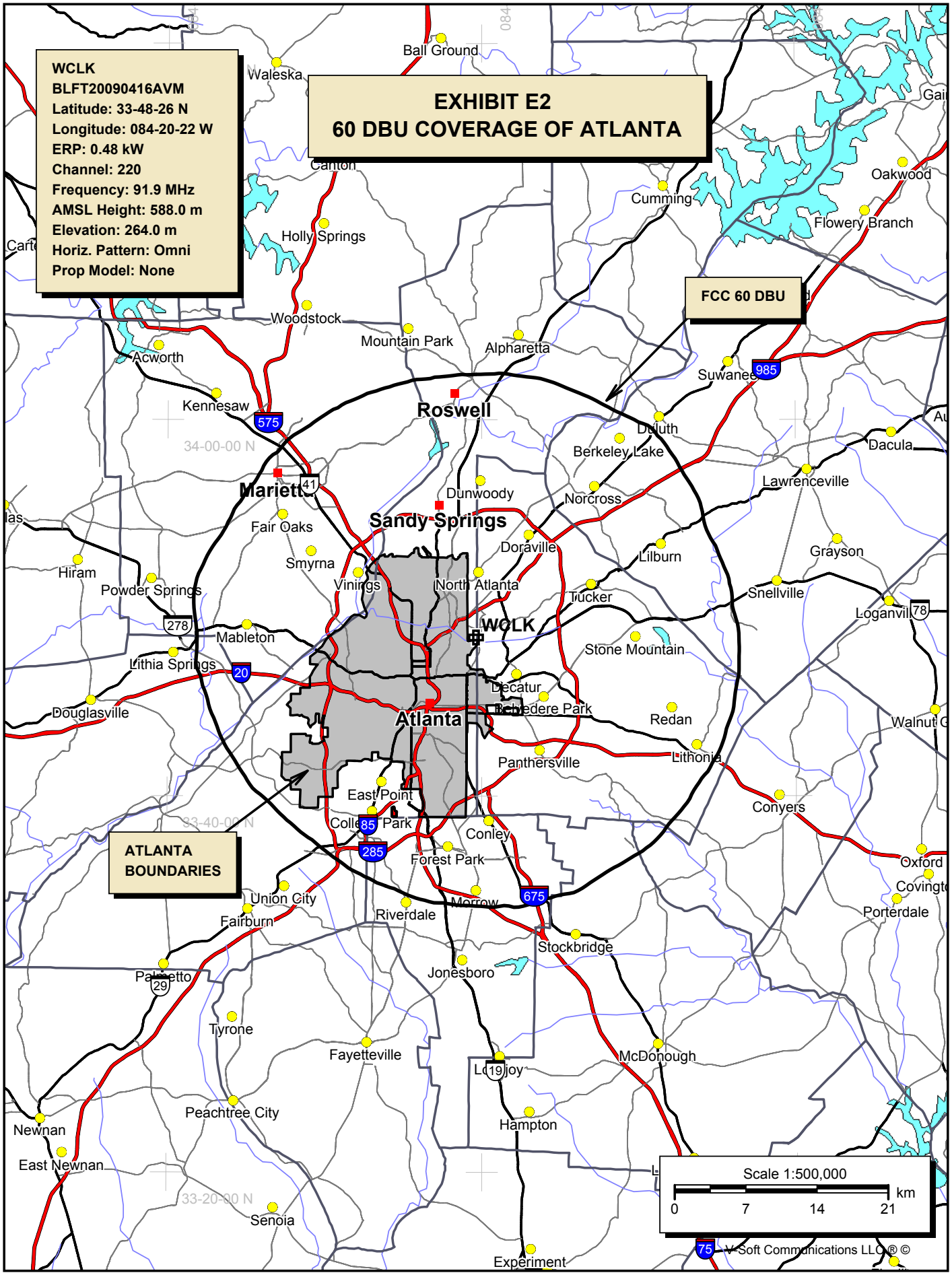
E1D WCLK - WCCV INTERFERENCE PLOT

FMCommander Single Allocation Study - 07-28-2011 - USGS 03 SEC
WCLK's Overlaps (In= 4.83 km, Out= 6.04 km)

WCLK CH 220 A
Lat= 33 48 26.0, Lng= 84 20 22.0
0.48 kW 302 M HAAT, 588 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WCCV CH 219 C2 DA BLED20010327AAC
Lat= 34 09 34.0, Lng= 85 02 13.0
7.3 kW 285 M HAAT, 518 M COR
Prot.= 60 dBu, Intef.= 54 dBu




WCLK
BLFT20090416AVM
Latitude: 33-48-26 N
Longitude: 084-20-22 W
ERP: 0.48 kW
Channel: 220
Frequency: 91.9 MHz
AMSL Height: 588.0 m
Elevation: 264.0 m
Horiz. Pattern: Omni
Prop Model: None
EXHIBIT E2
60 DBU COVERAGE OF ATLANTA
FCC 60 DBU
ATLANTA BOUNDARIES
WCLK
Atlanta
Roswell
Sandy Springs
Marietta
Alpharetta
Mountain Park
Woodstock
Kennesaw
Acworth
Holly Springs
Canton
Waleska
Ball Ground
Cumming
Oakwood
Flowery Branch
Suwanee
Duluth
Berkeley Lake
Norcross
Dunwoody
Doraville
Lilburn
Lawrenceville
Dacula
Grayson
Snellville
Loganville
Tucker
North Atlanta
Vinings
Smyrna
Fair Oaks
Hiram
Powder Springs
Mableton
Lithia Springs
Douglasville
Stone Mountain
Decatur
Belvedere Park
Redan
Lithonia
Panthersville
East Point
College Park
Conley
Forest Park
Morrow
Riverdale
Union City
Fairburn
Palmetto
Tyrone
Fayetteville
Jonesboro
Stockbridge
Conyers
Oxford
Porterdale
McDonough
Hampton
Peachtree City
Newnan
East Newnan
Senoia
Experiment
34-00-00 N
33-40-00 N
33-20-00 N
Scale 1:500,000
km
0
7
14
21
© V-Soft Communications LLC ®

E3 HAAT AND 60 DBU TABULATION

N. Lat. = 334826.0 W. Lng. = 842022.0
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

Azi.	AV EL	HAAT	dBk	60-F5
000	298.4	289.6	-3.19	25.84
045	282.3	305.7	-3.19	26.53
090	298.5	289.5	-3.19	25.84
135	284.6	303.4	-3.19	26.43
180	285.3	302.7	-3.19	26.40
225	300.3	287.7	-3.19	25.77
270	261.8	326.2	-3.19	27.39
315	276.6	311.4	-3.19	26.77

Ave El= 285.98 M HAAT= 302.02 M AMSL= 588

EXHIBIT E3A HAAT TABULATION FOR 360 DEGREES

N. Lat. = 334826.0 W. Lng. = 842022.0
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

Azi.	AV EL	HAAT	dBk	60-F5
000	298.4	289.6	-3.19	25.84
001	298.3	289.7	-3.19	25.85
002	297.4	290.6	-3.19	25.89
003	296.9	291.1	-3.19	25.91
004	295.9	292.1	-3.19	25.95
005	293.4	294.6	-3.19	26.06
006	293.0	295.0	-3.19	26.07
007	293.2	294.8	-3.19	26.07
008	293.9	294.1	-3.19	26.04
009	293.9	294.1	-3.19	26.04
010	293.3	294.7	-3.19	26.06
011	292.7	295.3	-3.19	26.09
012	291.7	296.3	-3.19	26.13
013	290.6	297.4	-3.19	26.18
014	289.8	298.2	-3.19	26.21
015	289.9	298.1	-3.19	26.21
016	290.3	297.7	-3.19	26.19
017	290.5	297.5	-3.19	26.18
018	291.3	296.7	-3.19	26.15
019	292.3	295.7	-3.19	26.11
020	293.0	295.0	-3.19	26.07
021	293.2	294.8	-3.19	26.07
022	293.1	294.9	-3.19	26.07
023	293.2	294.8	-3.19	26.07
024	293.1	294.9	-3.19	26.07
025	292.6	295.4	-3.19	26.09
026	292.5	295.5	-3.19	26.10
027	292.6	295.4	-3.19	26.09
028	292.9	295.1	-3.19	26.08
029	292.9	295.1	-3.19	26.08
030	292.3	295.7	-3.19	26.11
031	292.4	295.6	-3.19	26.10
032	291.2	296.8	-3.19	26.15
033	289.2	298.8	-3.19	26.24
034	287.8	300.2	-3.19	26.30
035	285.8	302.2	-3.19	26.38
036	284.1	303.9	-3.19	26.45
037	282.6	305.4	-3.19	26.52
038	279.1	308.9	-3.19	26.66
039	275.4	312.6	-3.19	26.82
040	274.7	313.3	-3.19	26.85

E3A

041	276.3	311.7	-3.19	26.78
042	279.0	309.0	-3.19	26.66
043	278.7	309.3	-3.19	26.68
044	280.5	307.5	-3.19	26.60
045	282.3	305.7	-3.19	26.53
046	284.8	303.2	-3.19	26.42
047	286.4	301.6	-3.19	26.36
048	287.6	300.4	-3.19	26.31
049	289.7	298.3	-3.19	26.22
050	292.4	295.6	-3.19	26.10
051	293.9	294.1	-3.19	26.04
052	295.6	292.4	-3.19	25.96
053	296.2	291.8	-3.19	25.94
054	296.7	291.3	-3.19	25.92
055	297.3	290.7	-3.19	25.89
056	298.4	289.6	-3.19	25.85
057	299.1	288.9	-3.19	25.82
058	299.9	288.1	-3.19	25.78
059	302.0	286.0	-3.19	25.70
060	305.3	282.7	-3.19	25.55
061	308.0	280.0	-3.19	25.44
062	312.0	276.0	-3.19	25.27
063	315.0	273.0	-3.19	25.14
064	317.0	271.0	-3.19	25.05
065	318.2	269.8	-3.19	25.00
066	317.9	270.1	-3.19	25.01
067	317.5	270.5	-3.19	25.03
068	315.7	272.3	-3.19	25.11
069	313.5	274.5	-3.19	25.20
070	313.3	274.7	-3.19	25.21
071	313.3	274.7	-3.19	25.21
072	312.4	275.6	-3.19	25.25
073	311.2	276.8	-3.19	25.30
074	310.3	277.7	-3.19	25.34
075	308.9	279.1	-3.19	25.40
076	306.9	281.1	-3.19	25.49
077	306.3	281.7	-3.19	25.51
078	307.3	280.7	-3.19	25.47
079	306.2	281.8	-3.19	25.51
080	306.2	281.8	-3.19	25.51
081	306.9	281.1	-3.19	25.48
082	308.5	279.5	-3.19	25.42
083	309.2	278.8	-3.19	25.39
084	308.0	280.0	-3.19	25.44
085	305.7	282.3	-3.19	25.54
086	303.5	284.5	-3.19	25.63
087	301.1	286.9	-3.19	25.73
088	299.7	288.3	-3.19	25.79
089	298.7	289.3	-3.19	25.83
090	298.5	289.5	-3.19	25.84
091	298.3	289.7	-3.19	25.85
092	297.5	290.5	-3.19	25.89

E3A

093	296.9	291.1	-3.19	25.91
094	296.8	291.2	-3.19	25.91
095	296.1	291.9	-3.19	25.94
096	295.1	292.9	-3.19	25.99
097	293.8	294.2	-3.19	26.04
098	292.8	295.2	-3.19	26.08
099	293.7	294.3	-3.19	26.05
100	294.1	293.9	-3.19	26.03
101	294.0	294.0	-3.19	26.03
102	293.6	294.4	-3.19	26.05
103	292.5	295.5	-3.19	26.10
104	291.3	296.7	-3.19	26.15
105	289.5	298.5	-3.19	26.22
106	288.6	299.4	-3.19	26.26
107	288.9	299.1	-3.19	26.25
108	289.5	298.5	-3.19	26.22
109	290.2	297.8	-3.19	26.19
110	290.2	297.8	-3.19	26.19
111	288.6	299.4	-3.19	26.26
112	287.2	300.8	-3.19	26.32
113	286.7	301.3	-3.19	26.34
114	286.0	302.0	-3.19	26.37
115	285.6	302.4	-3.19	26.39
116	286.0	302.0	-3.19	26.37
117	287.4	300.6	-3.19	26.31
118	288.0	300.0	-3.19	26.29
119	287.5	300.5	-3.19	26.31
120	287.3	300.7	-3.19	26.31
121	289.8	298.2	-3.19	26.21
122	291.4	296.6	-3.19	26.14
123	291.3	296.7	-3.19	26.15
124	291.7	296.3	-3.19	26.13
125	291.3	296.7	-3.19	26.15
126	290.1	297.9	-3.19	26.20
127	287.5	300.5	-3.19	26.31
128	286.6	301.4	-3.19	26.35
129	286.8	301.2	-3.19	26.34
130	286.6	301.4	-3.19	26.35
131	286.4	301.6	-3.19	26.35
132	286.6	301.4	-3.19	26.35
133	286.7	301.3	-3.19	26.34
134	286.3	301.7	-3.19	26.36
135	284.6	303.4	-3.19	26.43
136	282.3	305.7	-3.19	26.52
137	281.1	306.9	-3.19	26.58
138	280.4	307.6	-3.19	26.61
139	279.6	308.4	-3.19	26.64
140	279.4	308.6	-3.19	26.65
141	280.4	307.6	-3.19	26.61
142	280.2	307.8	-3.19	26.61
143	281.4	306.6	-3.19	26.57
144	282.9	305.1	-3.19	26.50

145	283.7	304.3	-3.19	26.47
146	284.4	303.6	-3.19	26.44
147	284.6	303.4	-3.19	26.43
148	285.0	303.0	-3.19	26.41
149	286.2	301.8	-3.19	26.36
150	286.3	301.7	-3.19	26.36
151	285.8	302.2	-3.19	26.38
152	284.8	303.2	-3.19	26.42
153	283.7	304.3	-3.19	26.47
154	282.5	305.5	-3.19	26.52
155	281.0	307.0	-3.19	26.58
156	278.7	309.3	-3.19	26.68
157	276.7	311.3	-3.19	26.76
158	275.3	312.7	-3.19	26.82
159	274.6	313.4	-3.19	26.85
160	276.5	311.5	-3.19	26.77
161	278.8	309.2	-3.19	26.68
162	280.3	307.7	-3.19	26.61
163	281.0	307.0	-3.19	26.58
164	280.3	307.7	-3.19	26.61
165	280.8	307.2	-3.19	26.59
166	281.6	306.4	-3.19	26.56
167	279.8	308.2	-3.19	26.63
168	277.9	310.1	-3.19	26.71
169	276.6	311.4	-3.19	26.77
170	275.7	312.3	-3.19	26.81
171	275.2	312.8	-3.19	26.83
172	276.5	311.5	-3.19	26.77
173	280.9	307.1	-3.19	26.59
174	283.1	304.9	-3.19	26.49
175	282.5	305.5	-3.19	26.52
176	281.6	306.4	-3.19	26.55
177	281.8	306.2	-3.19	26.55
178	283.6	304.4	-3.19	26.47
179	285.0	303.0	-3.19	26.41
180	285.3	302.7	-3.19	26.40
181	285.9	302.1	-3.19	26.37
182	286.4	301.6	-3.19	26.35
183	285.9	302.1	-3.19	26.38
184	286.1	301.9	-3.19	26.37
185	287.1	300.9	-3.19	26.33
186	287.4	300.6	-3.19	26.31
187	288.3	299.7	-3.19	26.27
188	286.8	301.2	-3.19	26.34
189	285.5	302.5	-3.19	26.39
190	286.2	301.8	-3.19	26.36
191	287.4	300.6	-3.19	26.31
192	287.6	300.4	-3.19	26.30
193	288.2	299.8	-3.19	26.28
194	289.5	298.5	-3.19	26.22
195	290.6	297.4	-3.19	26.18
196	292.5	295.5	-3.19	26.10

197	294.0	294.0	-3.19	26.03
198	295.8	292.2	-3.19	25.96
199	295.3	292.7	-3.19	25.98
200	295.2	292.8	-3.19	25.98
201	295.2	292.8	-3.19	25.98
202	295.0	293.0	-3.19	25.99
203	296.3	291.7	-3.19	25.94
204	297.2	290.8	-3.19	25.90
205	296.7	291.3	-3.19	25.92
206	297.7	290.3	-3.19	25.88
207	297.3	290.7	-3.19	25.89
208	297.2	290.8	-3.19	25.90
209	297.5	290.5	-3.19	25.88
210	299.2	288.8	-3.19	25.81
211	300.5	287.5	-3.19	25.76
212	300.9	287.1	-3.19	25.74
213	301.2	286.8	-3.19	25.73
214	302.2	285.8	-3.19	25.69
215	302.8	285.2	-3.19	25.66
216	303.1	284.9	-3.19	25.65
217	303.3	284.7	-3.19	25.64
218	304.1	283.9	-3.19	25.61
219	304.7	283.3	-3.19	25.58
220	303.0	285.0	-3.19	25.65
221	302.3	285.7	-3.19	25.68
222	301.3	286.7	-3.19	25.72
223	301.1	286.9	-3.19	25.73
224	300.9	287.1	-3.19	25.74
225	300.3	287.7	-3.19	25.77
226	298.9	289.1	-3.19	25.83
227	298.5	289.5	-3.19	25.84
228	297.5	290.5	-3.19	25.88
229	296.9	291.1	-3.19	25.91
230	296.6	291.4	-3.19	25.92
231	295.9	292.1	-3.19	25.95
232	294.3	293.7	-3.19	26.02
233	292.3	295.7	-3.19	26.10
234	289.7	298.3	-3.19	26.21
235	286.1	301.9	-3.19	26.37
236	283.6	304.4	-3.19	26.47
237	283.0	305.0	-3.19	26.50
238	283.0	305.0	-3.19	26.50
239	283.4	304.6	-3.19	26.48
240	282.6	305.4	-3.19	26.52
241	281.9	306.1	-3.19	26.54
242	281.4	306.6	-3.19	26.57
243	280.9	307.1	-3.19	26.58
244	279.7	308.3	-3.19	26.64
245	278.3	309.7	-3.19	26.69
246	276.3	311.7	-3.19	26.78
247	275.3	312.7	-3.19	26.82
248	274.7	313.3	-3.19	26.85

249	273.6	314.4	-3.19	26.89
250	273.5	314.5	-3.19	26.90
251	273.7	314.3	-3.19	26.89
252	273.3	314.7	-3.19	26.91
253	272.4	315.6	-3.19	26.95
254	270.5	317.5	-3.19	27.02
255	269.5	318.5	-3.19	27.07
256	269.2	318.8	-3.19	27.08
257	269.7	318.3	-3.19	27.06
258	268.7	319.3	-3.19	27.10
259	267.1	320.9	-3.19	27.17
260	264.7	323.3	-3.19	27.27
261	264.4	323.6	-3.19	27.28
262	263.7	324.3	-3.19	27.31
263	260.1	327.9	-3.19	27.47
264	256.3	331.7	-3.19	27.62
265	256.3	331.7	-3.19	27.63
266	258.0	330.0	-3.19	27.55
267	259.5	328.5	-3.19	27.49
268	260.8	327.2	-3.19	27.44
269	261.2	326.8	-3.19	27.42
270	261.8	326.2	-3.19	27.39
271	261.3	326.7	-3.19	27.41
272	259.6	328.4	-3.19	27.49
273	258.1	329.9	-3.19	27.55
274	255.7	332.3	-3.19	27.65
275	253.2	334.8	-3.19	27.76
276	251.0	337.0	-3.19	27.85
277	249.2	338.8	-3.19	27.93
278	247.7	340.3	-3.19	27.99
279	246.3	341.7	-3.19	28.05
280	246.1	341.9	-3.19	28.06
281	246.6	341.4	-3.19	28.04
282	246.8	341.2	-3.19	28.03
283	248.3	339.7	-3.19	27.97
284	251.3	336.7	-3.19	27.84
285	253.7	334.3	-3.19	27.74
286	255.2	332.8	-3.19	27.67
287	257.1	330.9	-3.19	27.59
288	259.4	328.6	-3.19	27.50
289	262.2	325.8	-3.19	27.37
290	265.1	322.9	-3.19	27.25
291	268.8	319.2	-3.19	27.10
292	271.6	316.4	-3.19	26.98
293	273.3	314.7	-3.19	26.90
294	274.8	313.2	-3.19	26.84
295	274.3	313.7	-3.19	26.87
296	275.3	312.7	-3.19	26.82
297	274.9	313.1	-3.19	26.84
298	273.8	314.2	-3.19	26.88
299	275.2	312.8	-3.19	26.83
300	277.8	310.2	-3.19	26.72

301	278.3	309.7	-3.19	26.70
302	277.2	310.8	-3.19	26.74
303	277.2	310.8	-3.19	26.74
304	279.7	308.3	-3.19	26.64
305	281.6	306.4	-3.19	26.56
306	280.8	307.2	-3.19	26.59
307	279.3	308.7	-3.19	26.65
308	278.4	309.6	-3.19	26.69
309	275.3	312.7	-3.19	26.82
310	273.9	314.1	-3.19	26.88
311	273.8	314.2	-3.19	26.89
312	275.0	313.0	-3.19	26.83
313	278.7	309.3	-3.19	26.68
314	278.3	309.7	-3.19	26.70
315	276.6	311.4	-3.19	26.77
316	275.6	312.4	-3.19	26.81
317	276.1	311.9	-3.19	26.79
318	277.1	310.9	-3.19	26.75
319	279.2	308.8	-3.19	26.66
320	281.2	306.8	-3.19	26.57
321	282.5	305.5	-3.19	26.52
322	283.7	304.3	-3.19	26.47
323	283.6	304.4	-3.19	26.47
324	283.9	304.1	-3.19	26.46
325	284.3	303.7	-3.19	26.44
326	284.6	303.4	-3.19	26.43
327	284.7	303.3	-3.19	26.43
328	284.7	303.3	-3.19	26.43
329	286.9	301.1	-3.19	26.33
330	286.0	302.0	-3.19	26.37
331	286.1	301.9	-3.19	26.37
332	287.6	300.4	-3.19	26.30
333	288.7	299.3	-3.19	26.26
334	289.5	298.5	-3.19	26.23
335	289.6	298.4	-3.19	26.22
336	288.9	299.1	-3.19	26.25
337	290.5	297.5	-3.19	26.18
338	291.9	296.1	-3.19	26.12
339	292.1	295.9	-3.19	26.11
340	292.6	295.4	-3.19	26.09
341	293.8	294.2	-3.19	26.04
342	293.5	294.5	-3.19	26.06
343	294.0	294.0	-3.19	26.03
344	294.6	293.4	-3.19	26.01
345	294.8	293.2	-3.19	26.00
346	294.2	293.8	-3.19	26.03
347	294.6	293.4	-3.19	26.01
348	296.5	291.5	-3.19	25.93
349	297.9	290.1	-3.19	25.87
350	298.8	289.2	-3.19	25.83
351	297.3	290.7	-3.19	25.90
352	298.5	289.5	-3.19	25.84

E3A

353	298.8	289.2	-3.19	25.83
354	298.9	289.1	-3.19	25.83
355	298.7	289.3	-3.19	25.84
356	298.0	290.0	-3.19	25.86
357	297.7	290.3	-3.19	25.88
358	299.0	289.0	-3.19	25.82
359	298.9	289.1	-3.19	25.82

Ave El= 286.67 M AMSL= 588
Area by numeric integration= 2181.03 Sq km.

ASR Registration Search

Registration 1223132

Map Registration

Registration Detail

Reg Number	1223132	Status	Constructed
File Number	A0425886	Constructed	03/27/2002
FAA Study	00-ASO-8684-OE	EMI	Yes
FAA Issue Date	01/18/2001	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long	33-48-26.4 N 084-20-21.5 W	1800 Briarcliff Road NE
City, State	Atlanta , GA	
Center of AM Array		

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
264.3	360.3
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
624.6	321.9

Painting and Lighting Specifications

FAA Chapters 4, 9, 12
Paint and Light in Accordance with FAA Circular Number 70/7460-1K

Owner & Contact Information

FRN	0006154249	Licensee ID	L00167959

Owner

Richland Towers, Inc.
4890 West Kennedy Blvd., Suite 920
Tampa , FL 33609

P: (813)286-4140
E:

Contact

4890 West Kennedy Bvld., Suite #920
Tampa , FL 33609

P: (813)286-4140
E:

Last Action Status

Status	Constructed	Received	01/24/2005
Purpose	Notification	Entered	01/24/2005
Mode	Interactive		

Related Applications

01/24/2005	A0425886 - Notification (NT)
01/15/2004	A0360461 - Admin Update (AU)
03/08/2001	A0173831 - Admin Update (AU)
	Related applications (4)