

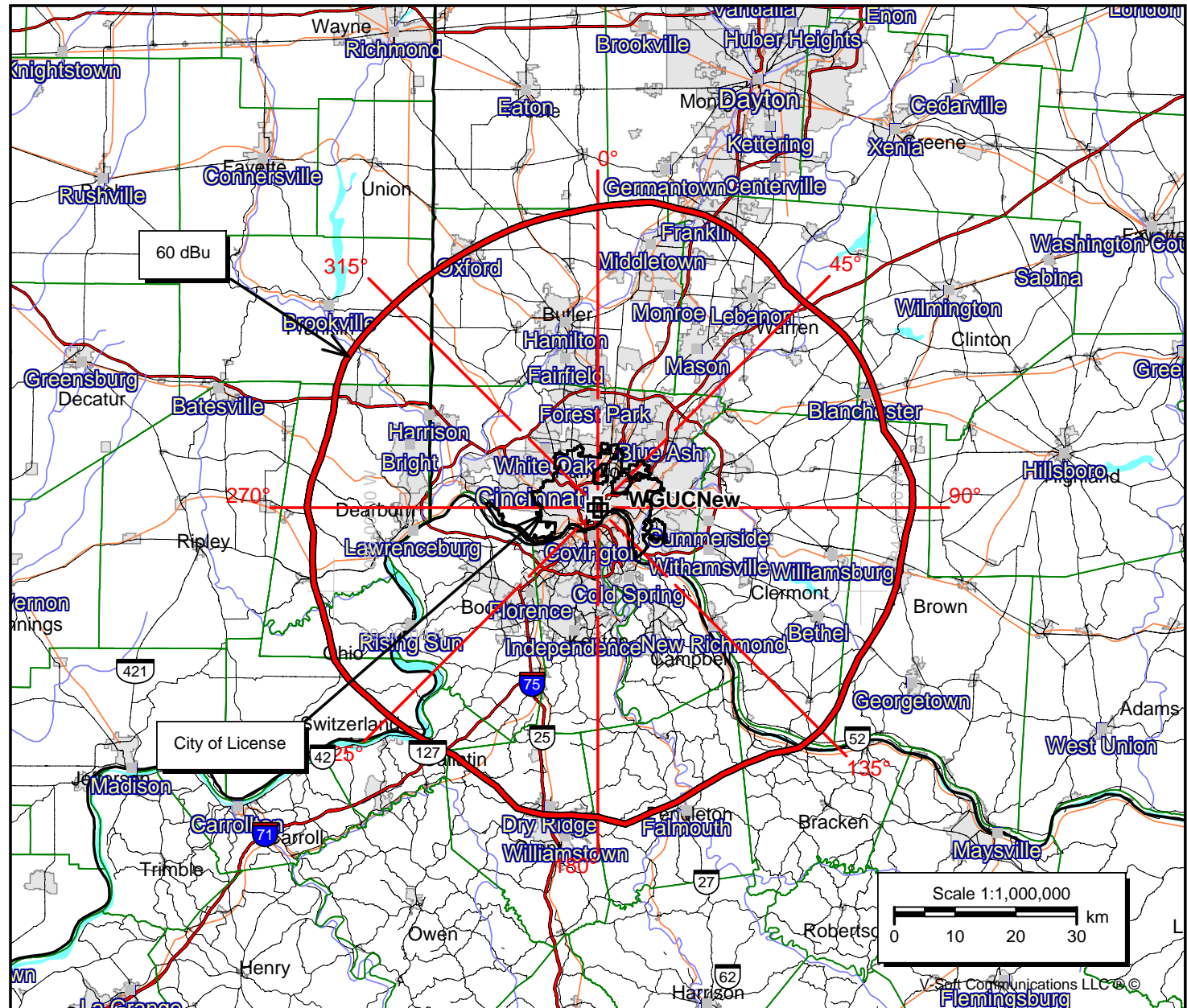
Proposed Community Coverage - WGUCNew

WGUCNew

Cincinnati, OH B
 Latitude: 39-07-29.90 N
 Longitude: 084-29-56.20 W
 ERP: 18.50 kW
 Channel: 215
 Frequency: 90.9 MHz
 AMSL Height: 419.0 m
 HAAT: 209.2 m
 Horiz. Pattern: Omni
 Vert. Pattern: No

10/27/2010

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N. Lat. = 390729.9 W. Lng. = 842956.2

HAAT and Distance to Contour,

FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

WGUCNew - Distance to 60 dBu Coverage Contour

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	206.3	212.7	18.5000	12.67	1.000	49.43
010	186.2	232.8	18.5000	12.67	1.000	51.00
020	183.5	235.5	18.5000	12.67	1.000	51.20
030	200.3	218.7	18.5000	12.67	1.000	49.91
040	225.1	193.9	18.5000	12.67	1.000	47.90
050	216.7	202.3	18.5000	12.67	1.000	48.59
060	203.0	216.0	18.5000	12.67	1.000	49.69
070	209.0	210.0	18.5000	12.67	1.000	49.21
080	193.0	226.0	18.5000	12.67	1.000	50.48
090	176.5	242.5	18.5000	12.67	1.000	51.72
100	191.9	227.1	18.5000	12.67	1.000	50.56
110	192.5	226.5	18.5000	12.67	1.000	50.51
120	205.8	213.2	18.5000	12.67	1.000	49.47
130	182.0	237.0	18.5000	12.67	1.000	51.31
140	178.9	240.1	18.5000	12.67	1.000	51.54
150	216.7	202.3	18.5000	12.67	1.000	48.59
160	211.5	207.5	18.5000	12.67	1.000	49.00
170	187.8	231.2	18.5000	12.67	1.000	50.87
180	187.7	231.3	18.5000	12.67	1.000	50.88
190	182.4	236.6	18.5000	12.67	1.000	51.28
200	214.6	204.4	18.5000	12.67	1.000	48.75
210	235.1	183.9	18.5000	12.67	1.000	47.07
220	223.6	195.4	18.5000	12.67	1.000	48.02
230	213.2	205.8	18.5000	12.67	1.000	48.87
240	199.3	219.7	18.5000	12.67	1.000	49.98
250	220.8	198.2	18.5000	12.67	1.000	48.25
260	228.6	190.4	18.5000	12.67	1.000	47.61
270	226.3	192.7	18.5000	12.67	1.000	47.80
280	243.8	175.2	18.5000	12.67	1.000	46.30
290	244.3	174.7	18.5000	12.67	1.000	46.25
300	223.9	195.1	18.5000	12.67	1.000	47.99
310	229.5	189.5	18.5000	12.67	1.000	47.53
320	233.0	186.0	18.5000	12.67	1.000	47.25
330	233.8	185.2	18.5000	12.67	1.000	47.18
340	228.0	191.0	18.5000	12.67	1.000	47.66
350	218.9	200.1	18.5000	12.67	1.000	48.40

Ave El= 209.83 M HAAT= 209.17 M AMSL= 419 M