

Ownership Study

This ownership study is provided in support of the modification of WOVO(FM) 292C2 at Horse Cave, KY, FCC facility I.D. 48702.

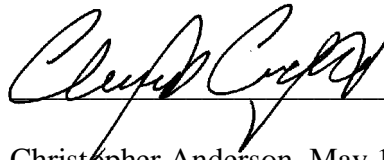
A reference plot of all stations with an attributable interest (exhibit E-1) includes the following stations:

WOVO(FM) 292C2 Mod. Horse Cave, KY	FCC Facility I.D.	48702
WCDS(AM) 1230 kHz Glasgow, KY		160849
WHHT(FM) 279C3 Cave City, KY		48704
WKLX(FM) 264C2 Brownsville, KY		10515
WPTQ(FM) 287C3 Glasgow, KY		70870
WWKN(FM) 256A Morgantown, KY		170956
WWKU(AM) 1450 kHz Plum Springs, KY		70869

The attributable interests were established prior to Bowling Green becoming a rated market. Therefore, the use of contour overlap methodology is grandfathered for these stations. The modification proposed herein does not change the ownership overlaps. The following exhibits include the city grade contours, 3.16 mV/m (70 dBu) (FM) and 5 mV/m (AM), of all stations intersecting any of the mutually overlapping stations, including noncommercial facilities, and excludes any stations with a transmitter site greater than 92 km from any portion of the mutually overlapping area, as well as any commonly owned stations which do not mutually overlap the defined market.

The common ownership forms two compliant markets, which are plotted and listed in exhibits E-2 to E-7.

Following the rules provided by CFR §73.3555(a)(1)(ii), the common ownership of the stations in the defined market is permissible.

A handwritten signature in black ink, appearing to read "Christopher Anderson", is written over a horizontal line.

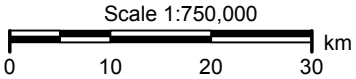
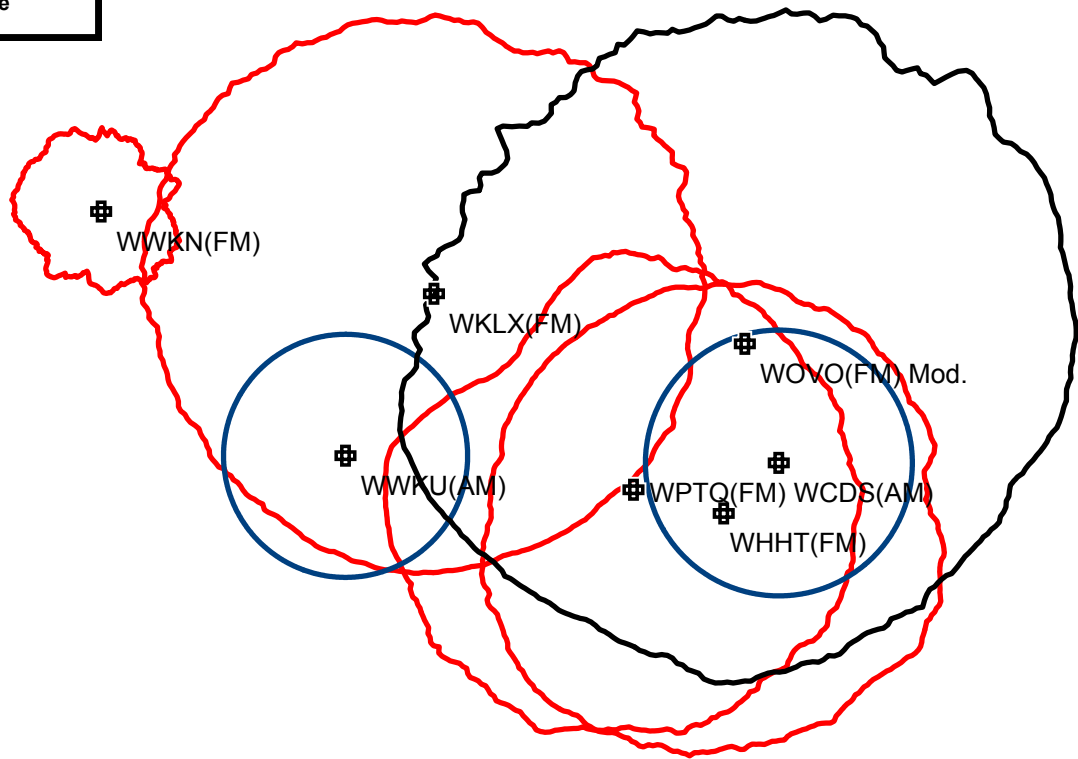
Christopher Anderson May 11, 2022
andersce@bham.rr.com

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E-1 WOVO(FM) 292C2 Mod Ownership Reference Plot

WOVO(FM) Mod.
BLH20121019ACC
Latitude: 37-06-40 N
Longitude: 085-58-43 W
ERP: 48.00 kW
Channel: 292
Frequency: 106.3 MHz
AMSL Height: 368.5 m
Elevation: 321.9 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

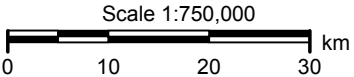
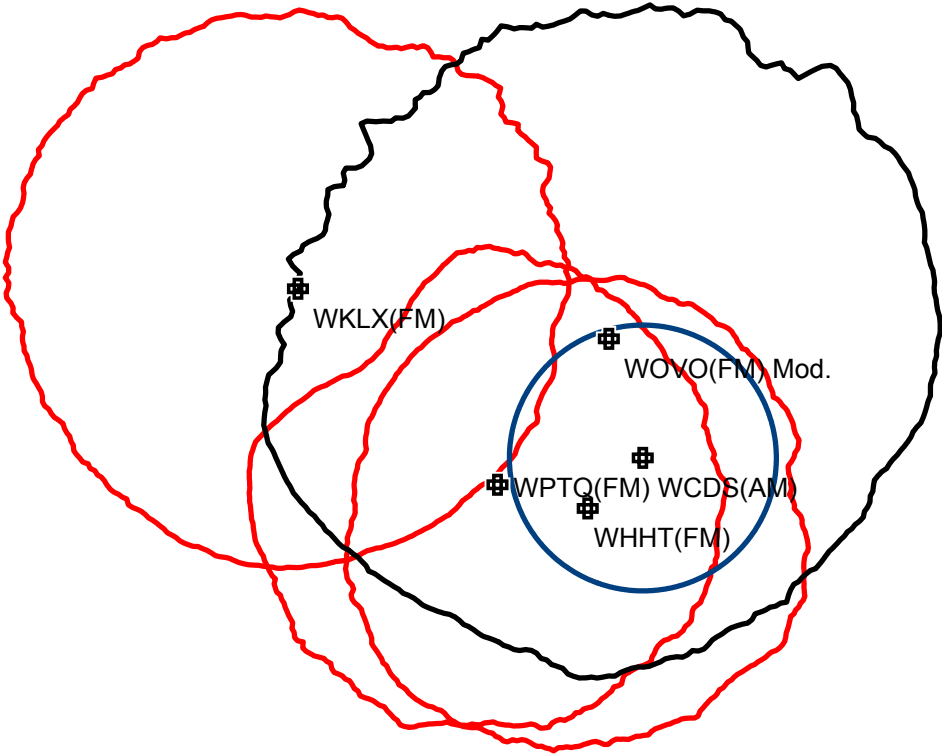
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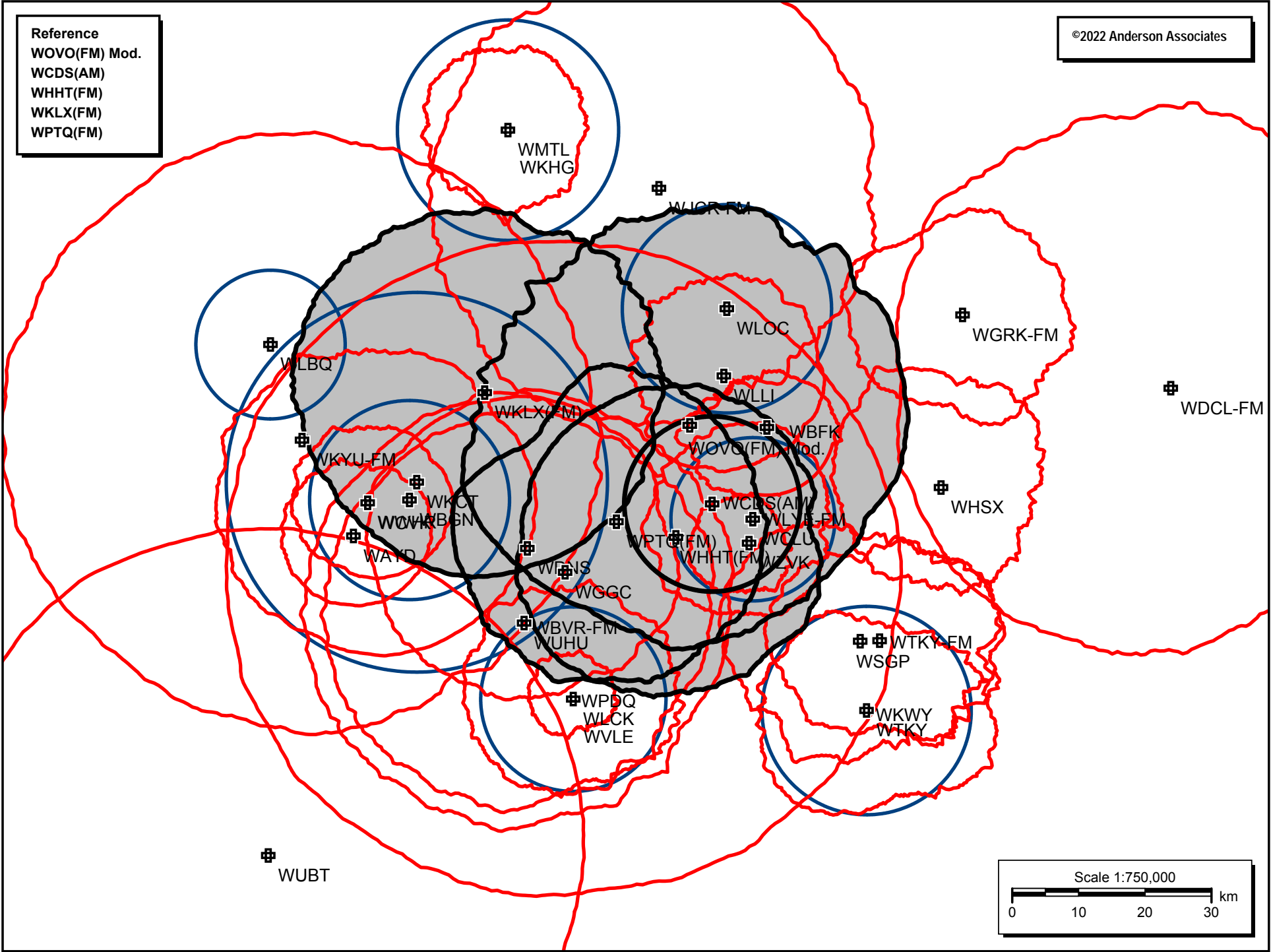
E-2 WOVO(FM) 292C2 Mod. Ownership Market #1 Reference Plot

WOVO(FM) Mod.
BLH20121019ACC
Latitude: 37-06-40 N
Longitude: 085-58-43 W
ERP: 48.00 kW
Channel: 292
Frequency: 106.3 MHz
AMSL Height: 368.5 m
Elevation: 321.9 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

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E-3 WOVO(FM) 292C2 Mod. Ownership Market #1 Plot



E-4 WOVO(FM) 292C2 Mod. Ownership Market #1 List

Total number of overlapping contours: 36 4 FM+1 AM Compliant

Reference:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WOVO(FM) Mod	FM	292C2	Horse Cave	KY	BLH20121019ACC	0.0	0.0
WCDS (AM)	AM	1230	GLASGOW	KY	BL20071031AFP	12.3	164.1
WHHT(FM)	FM	279C3	Cave City	KY	BLH19930308KC	17.0	187.1
WKLX(FM)	FM	264C2	Brownsville	KY	BLH20171121AAI	31.2	279.1
WPTQ(FM)	FM	287C3	Glasgow	KY	BLH20080818ACD	18.2	217.4

Overlapping Contours:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WAYD	FM	201A	Auburn	KY	BLED20050705ABJ	53.3	251.9
WSGP	FM	202C3	Glasgow	KY	BLED20021023AAT	41.4	141.7
WKYU-FM	FM	205C1	Bowling Green	KY	BMLED20070507AFC	58.4	267.9
WZVK	FM	207A	Glasgow	KY	BLED20110112AAN	19.8	153.3
WDCL-FM	FM	209C1	Somerset	KY	BLED19850408KA	72.6	85.6
WJCR-FM	FM	211C1	Upton	KY	BLED19920310KA	36.0	352.7
WCVK	FM	214C3	Bowling Green	KY	BLED19860429KC	49.7	256.5
WBFK	FM	216C3	Hiseville	KY	BLED20190719AAI	11.6	91.6
WPDQ	FM	217A	Scottsville	KY	BLED20120510ABM	44.7	203.1
WWHR	FM	219A	Bowling Green	KY	BLED20020813ABG	49.8	256.5
WTKY-FM	FM	221A	Tompkinsville	KY	BLH20030318ADL	43.2	138.6
WDNS	FM	227C3	Bowling Green	KY	BLH19970729KB	30.6	232.9
WLYE-FM	FM	231A	Glasgow	KY	BLH19970219KC	17.0	146.1
WGGC	FM	236C0	Bowling Green	KY	BLH20050201AYH	29.0	220.4
WBVR-FM	FM	244C2	Auburn	KY	BLH20030325AAH	38.8	220.0
WHSX	FM	256A	Edmonton	KY	BLH19960508KB	38.9	103.9
WVLE	FM	257A	Scottsville	KY	BLH19960603KC	44.7	203.1
WUBT	FM	266C1	Russellville	KY	BLH19900328KC	90.6	224.5
WLLI	FM	272A	Munfordville	KY	BMLH20070531AFE	9.0	34.6
WKWY	FM	274A	Tompkinsville	KY	BLH20030318AEE	50.4	148.2
WKHG	FM	285A	Leitchfield	KY	BMLH19921214KC	52.2	328.4
WGRK-FM	FM	289A	Greensburg	KY	BLH20080103AAW	44.3	68.0
WUHU	FM	296C2	Smiths Grove	KY	BLH19950123KB	38.8	220.0
WTKY	AM	1370	TOMPKINSVILLE	KY	BL19920211AB	50.5	148.2
WCLU	AM	1490	GLASGOW	KY	BL20021025ACE	17.0	146.1
WLCK	AM	1250	SCOTTSVILLE	KY	BL19910712AC	44.7	203.1
WLOC	AM	1150	MUNFORDVILLE	KY	BL20000209ABI	18.4	17.7
WKCT	AM	930	BOWLING GREEN	KY	BL20190509ABK	41.9	258.3
WLBQ	AM	1570	MORGANTOWN	KY	BL20050808AHB	64.2	281.0
WBGH	AM	1340	BOWLING GREEN	KY	BL19820526AA	43.6	255.2
WMTL	AM	870	LEITCHFIELD	KY	BL19860528AB	52.2	328.4

Distance and bearing calculations from coordinates: 37-06-40 N, 085-58-43 W

Duopoly Options:

TV: Not Included

FM: 3.16 mV/m (70 dBu); Include NCE

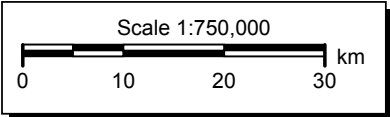
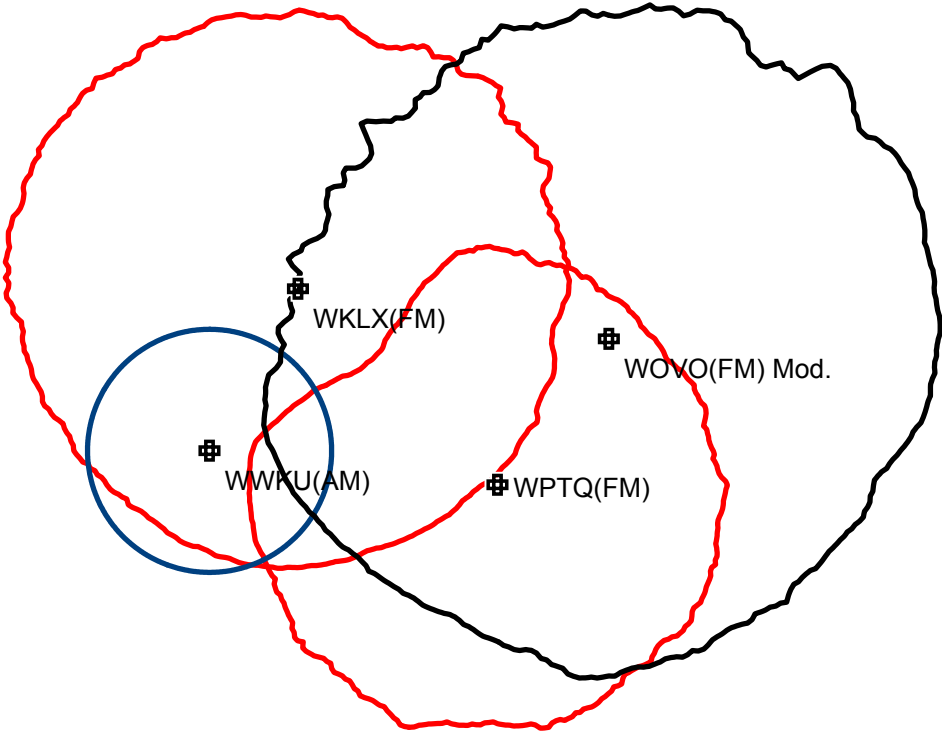
AM: 5.0 mV/m

Stations more than 92 km from the common area were excluded.

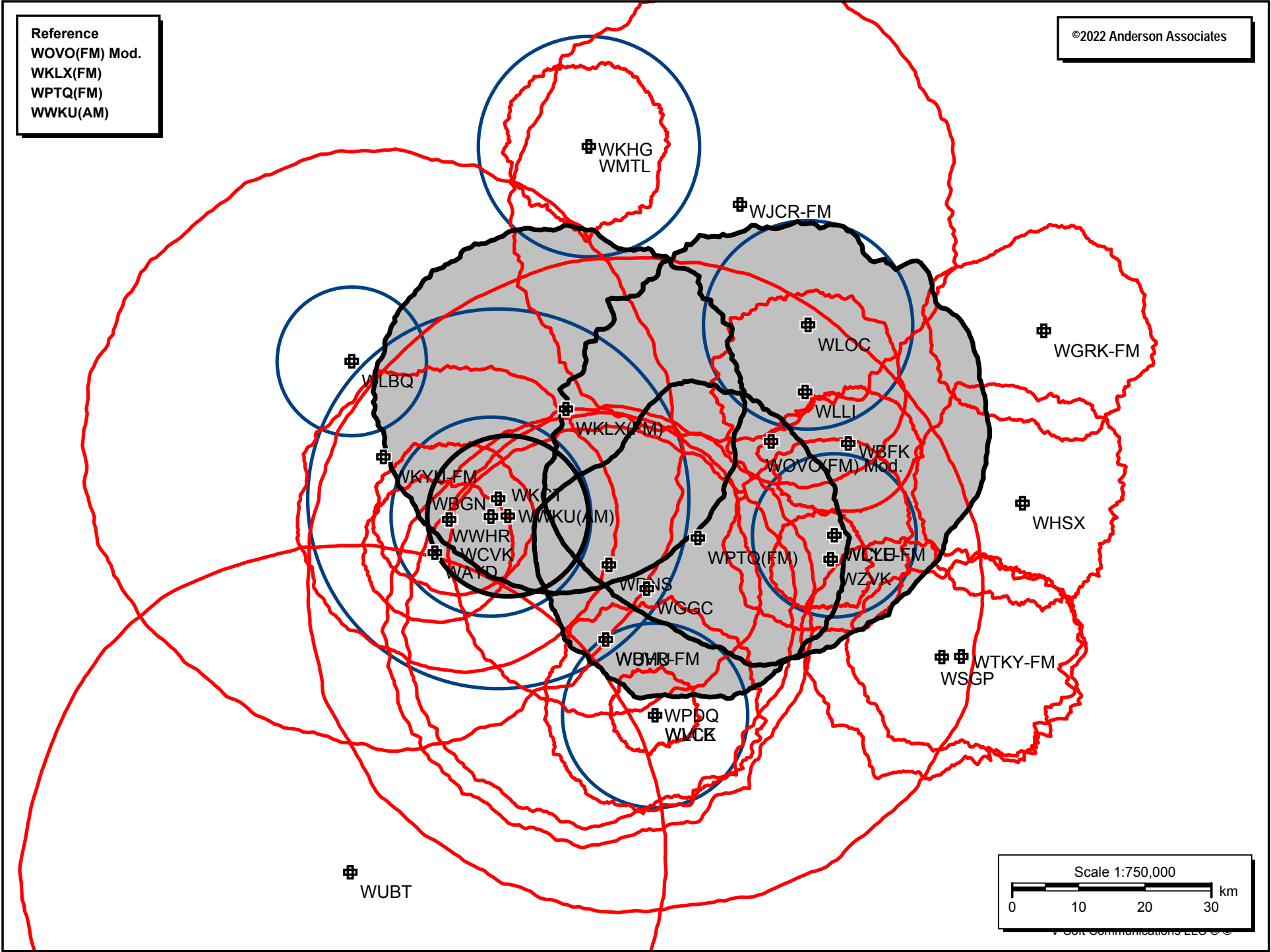
E-5 WOVO(FM) 292C2 Mod. Ownership Market #2 Reference Plot

WOVO(FM) Mod.
BLH20121019ACC
Latitude: 37-06-40 N
Longitude: 085-58-43 W
ERP: 48.00 kW
Channel: 292
Frequency: 106.3 MHz
AMSL Height: 368.5 m
Elevation: 321.9 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

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E-6 WOVO(FM) 292C2 Mod Ownership Market #2 Plot



E-7 WOVO(FM) 292C2 Mod. Ownership Market #2 List

Total number of overlapping contours: 32 3 FM + 1 AM Compliant.

Reference:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WOVO (FM)	Mod	FM	292C2	Horse Cave	KY	BLH20121019ACC	0.0
WKLY (FM)		FM	264C2	Brownsville	KY	BLH20171121AAI	31.2
WPTQ (FM)		FM	287C3	Glasgow	KY	BLH20080818ACD	18.2
WWKU (AM)		AM	1450	PLUM SPRINGS	KY	BL20080502ACI	41.2

Overlapping Contours:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WAYD	FM	201A	Auburn	KY	BLED20050705ABJ	53.3	251.9
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AM: 5.0 mV/m

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