

# Exhibit 15.1

## Allocation Study for Channel 202B1

REFERENCE		CH# 202B1- 88.3 MHz, Pwr= 3.2 kW, HAAT=184.8M, COR= 431 M								DISPLAY DATES	
41 06 13 N		Average Protected F(50-50)= 32.4 km								DATA 04-19-03	
85 11 28 W		Ave. F(50-10) 40 dBu= 89.5 54 dBu= 48.6 80 dBu= 10.6 100 dBu= 2.9								SEARCH 04-24-03	
-----											
CH	CALL	TYPE		AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)
-----											
202B1	WLAB.C	CP	ZCX	332.2	0.70	41 06 33	2.400	462	32.6	-120.95	-121.48
Fort Wayne		IN		152.2	BPED20020312AAB	85 11 42	215	89.2	In. Dist.	Lutheran Ch-mo	S
202B1	*WLAB	LIC	DCN	96.9	3.88	41 05 58	6.211	349	27.7	-113.01	-109.86
Fort Wayne		IN		276.9	BLED19930105KB	85 08 43	94	86.2	In. Dist.	Lutheran Ch-mo	S
> Reference HAAT at 96.9°= 199.0 M, Pwr= 002.19336 kW, Pro. Dist. = 30.68 km, Int Dist. = 86.02 km											
Accepted by Canada 910415											
202A	*WEAX	LIC	CN	14.4	60.54	41 37 53	0.920	348	12.7	1.26	2.89
Angola		IN		194.4	BLED19891226KA	85 00 37	50	45.6	Tri-state University		
> Reference HAAT at 14.4°= 173.2 M, Pwr= 000.10238 kW, Pro. Dist. = 13.66 km, Int Dist. = 44.93 km											
202A	*WEAX.C	CP	CX	13.9	66.74	41 41 12	0.850	376	14.6	1.58	7.26
Angola		IN		193.9	BPED20021007AAX	84 59 53	70	51.5	Tri-state University		
> Reference HAAT at 13.9°= 173.2 M, Pwr= 000.10228 kW, Pro. Dist. = 13.65 km, Int Dist. = 44.92 km											
203B1	*AP203	APP	V	208.0	67.74	40 33 54	0.180	344	11.1	18.32	6.55
Marion		IN		28.0	BNPED19991001AAE	85 34 05	87	15.9	Pensacola Christian Colleg		
> Reference HAAT at 208.0°= 196.8 M, Pwr= 003.2 kW, Pro. Dist. = 33.47 km, Int Dist. = 50.08 km											
201B	*WVPE	LIC	CN	304.6	101.51	41 36 59	10.500	404	38.9	20.49	28.18
Elkhart		IN		124.6	BLED19910307KF	86 11 43	152	58.0	Elkhart Community Schools		
> Reference HAAT at 304.6°= 172.9 M, Pwr= 000.82111 kW, Pro. Dist. = 23.05 km, Int Dist. = 34.42 km											
202B1	*WAYK	LIC	DVN	344.0	139.10	42 18 23	0.825	380	18.6	64.37	71.29
Kalamazoo		MI		164.0	BLED19970107KA	85 39 25	110	59.6	Cornerstone University		
> Reference HAAT at 344.0°= 173.0 M, Pwr= 000.15196 kW, Pro. Dist. = 15.08 km, Int Dist. = 49.19 km											
Vertical Polarization Only											
203A	*AP203	APP	CX	331.4	62.76	41 35 55	1.000	311	10.3	31.31	26.99
Newbury Township		IN		151.4	BNPED20000306ACG	85 33 10	31	14.4	Great Lakes Community Broa		
> Reference HAAT at 331.4°= 173.0 M, Pwr= 000.23871 kW, Pro. Dist. = 17.06 km, Int Dist. = 25.45 km											
202A	*AP202	APP	VX	148.0	113.53	40 14 06	0.650	372	13.9	31.27	8.63
Versailles		OH		328.0	BNPED20000218AAM	84 28 59	72	48.8	Pensacola Christian Colleg		
> Reference HAAT at 148.0°= 196.7 M, Pwr= 003.2 kW, Pro. Dist. = 33.46 km, Int Dist. = 91.02 km											
202A	*990714	APP	VX	188.8	114.46	40 05 06	0.200	398	12.6	37.79	10.90
Muncie		IN		8.8	BPED19990714ME	85 23 52	108	43.3	Hymn Time, Inc.		
> Reference HAAT at 188.8°= 196.0 M, Pwr= 003.2 kW, Pro. Dist. = 33.4 km, Int Dist. = 90.94 km											
201A	*WHCI	LIC	DE	192.5	70.34	40 29 07	0.025	288	3.9	31.35	16.47
Hartford City		IN		12.5	BLED20000210ABU	85 22 18	30	5.6	Blackford County School Co		
> Reference HAAT at 192.5°= 195.5 M, Pwr= 003.2 kW, Pro. Dist. = 33.36 km, Int Dist. = 49.92 km											
203B1	*WYSA	LIC	DC	58.6	98.15	41 33 29	10.000	312	31.1	29.60	37.40
Wauseon		OH		238.6	BLED19960411KA	84 11 08	95	48.5	Side By Side, Inc.		
> Reference HAAT at 58.6°= 190.4 M, Pwr= 000.37454 kW, Pro. Dist. = 20.02 km, Int Dist. = 29.67 km											
201A	*WBCJ	LIC	CN	122.5	80.78	40 42 41	2.600	396	28.2	4.95	2.98
Spencerville		OH		302.5	BLED19970912KE	84 23 01	153	42.7	Taylor University Broadcas		
> Reference HAAT at 122.5°= 192.6 M, Pwr= 003.2 kW, Pro. Dist. = 33.12 km, Int Dist. = 49.58 km											
Satellite operation for WBCL, Fort Wayne, Indiana											
06Z1C	WRTV	LI	HY	212.8	158.75	39 53 58	100.000	534	101.7	48.0R	110.8M
Indianapolis		IN		32.8	BLCT20011203CES	86 12 02	279	0.0	Mcgraw-hill Broadcasting C		

\* = ERP and HAAT on direct line to and from reference station.

**Bold stations have full contour protection studies prepared in Exhibit(s) 15.3 and 15.4**

**MUNN-REESE, INC.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036

## EXHIBIT 15.2

### COMPLIANCE WITH 47 CFR §73.316(c)

---

The antenna proposed in this application will be mounted in accordance with specific instructions provided by the antenna manufacturer. The antenna will be tested by the manufacturer using the type of mounting which will be employed in the field.

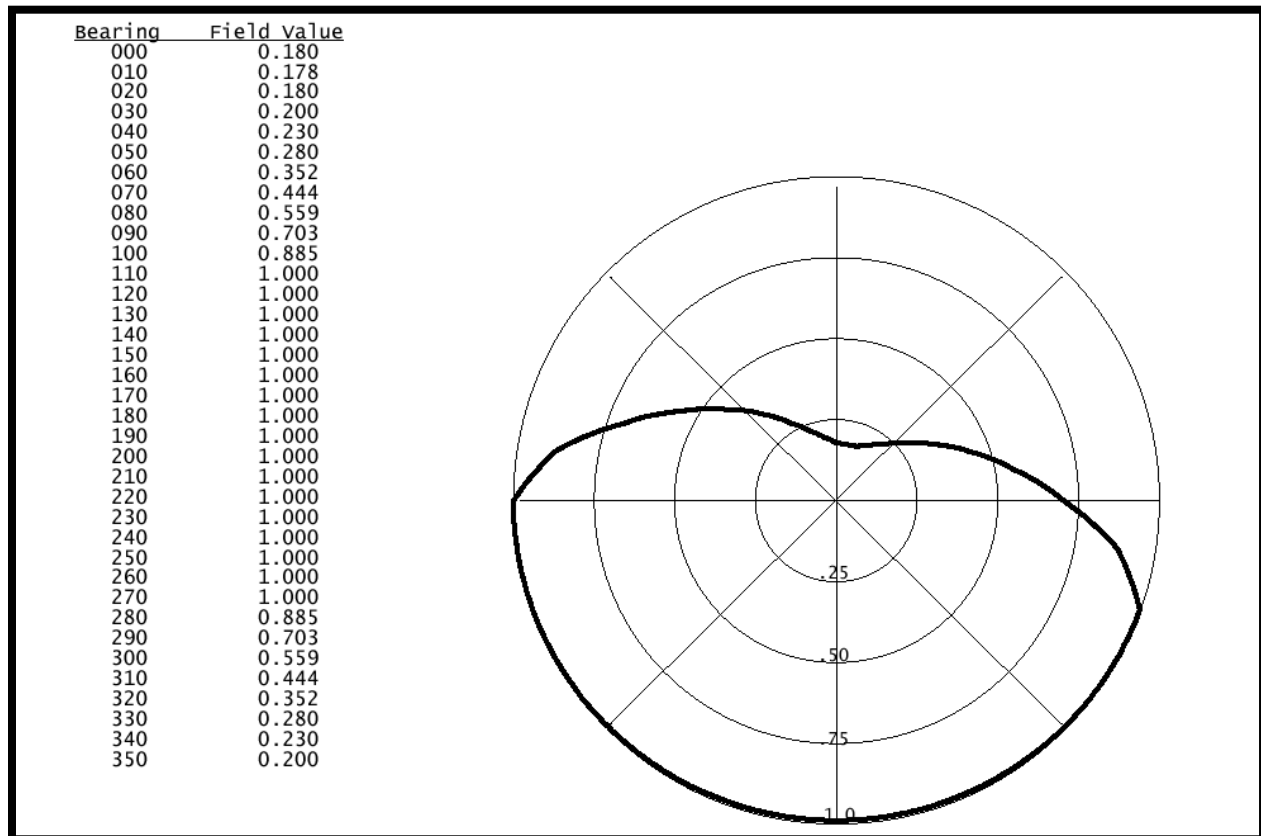
The directional antenna will not be mounted on the top of an antenna tower which includes a top-mounted platform larger than the nominal cross-sectional area of the tower in the horizontal plane.

No other antennas of any type are or will be mounted on the same tower level as the directional antenna.

No antenna is or will be mounted within any vertical or horizontal distance specified by the antenna manufacturer as being necessary for proper operation of the directional antenna. The antenna will be assembled under the supervision of a qualified engineer, who will provide the required certification. Upon completion of antenna construction, a statement from a licensed surveyor will be submitted with the application for license. This statement will certify that the antenna has been installed pursuant to the manufacturer's instructions, and is in the proper orientation.

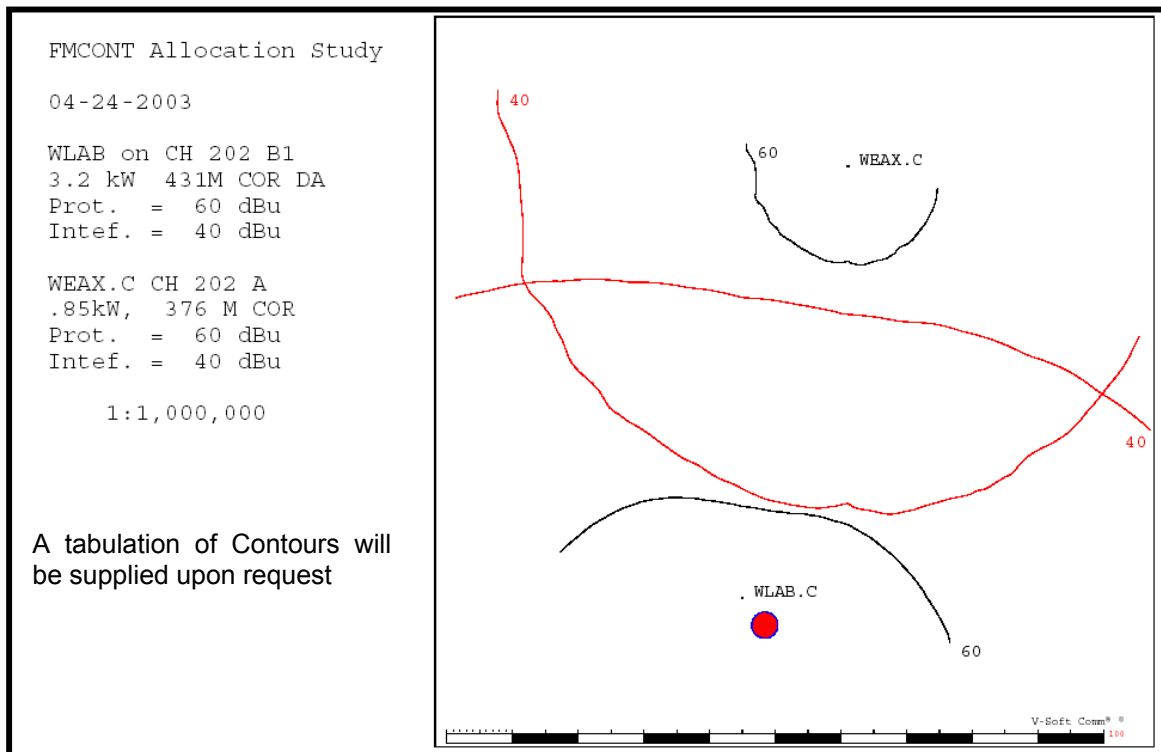
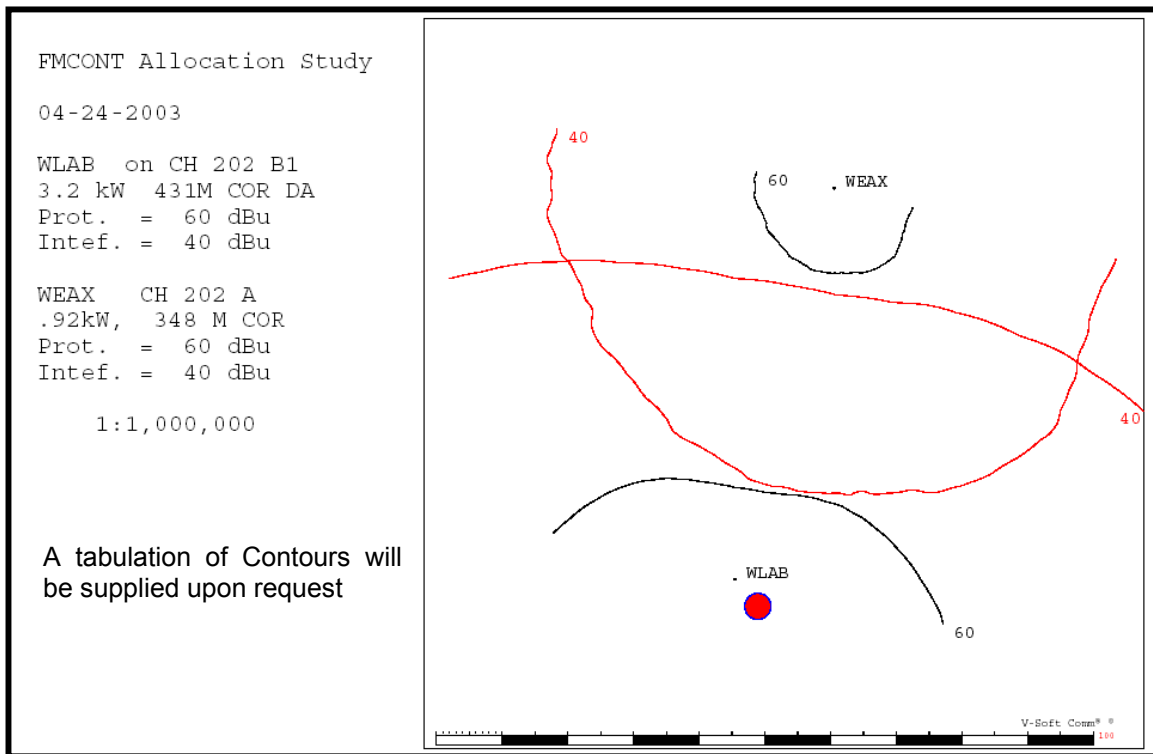
The antenna will consist of two (2) bays. The directional antenna pattern will be produced by means of parasitic elements, adjusted to produce the required pattern. Each bay will be evenly spaced one (1) wavelength vertically from the adjacent element.

The antenna pattern will be measured by the manufacturer on the test range, and the measurement results will be supplied to the Commission at the time Form 302-FM is filed covering the construction.



## EXHIBIT 15.3

### CONTOUR PROTECTION TOWARDS WEAX Angola, IN



## EXHIBIT 15.4

### CONTOUR PROTECTION TOWARDS WBJC Spencerville, OH

