

WLLM-FM MOD: 25KW ERP

Good News Radio, Inc.

REFERENCE CH# 211C3 - 90.1 MHz, Pwr= 25 kW DA, HAAT= 90.0 M, COR= 286 M
 39 20 58.2 N.
 89 48 16.3 W.
 Average Protected F(50-50)= 37.33 km
 Standard Directional

DISPLAY DATES
 DATA 09-02-21
 SEARCH 09-28-21

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
211A Carlinville	WLLM-FM	LIC _CN IL		0.0 0.0	0.00 BLED20010302AAX	39 20 58.2 89 48 16.3	5.000 90	81.4 286	25.4 Good News Radio, Inc.	-118.1*	-136.6*
210A Smithboro	WSWS	LIC DCN IL		126.6 307.0	75.54 BLED20110906AAF	38 56 35.2 89 06 13.2	2.000 110	33.2 266	22.3 The Power Foundation	8.6	0.6
210A Godfrey	WLCA	LIC DCN IL		217.3 37.1	55.88 BLED20050622AAA	38 56 57.2 90 11 47.4	1.500 120	20.5 276	13.7 Lewis & Clark Community Co	8.8	1.5
213A Springfield	WSCT	LIC _CN IL		37.2 217.4	41.13 BLED20001213ABN	39 38 38.2 89 30 51.3	3.800 125	2.6 303	27.8 University Of Northwestern	1.6	9.6
211B1 Champaign	WEFT	CP ZCN IL		53.5 234.4	157.35 BPED20190522AAL	40 10 52.1 88 19 03.2	10.000 126	100.2 349	36.2 Prairie Air Incorporated	19.4	8.8
211B1 Champaign	WEFT	LIC DCN IL		53.5 234.4	157.35 0000107505	40 10 52.1 88 19 03.2	10.000 126	100.2 349	36.2 Prairie Air Incorporated	19.4	8.8
209B1 Springfield	WLUJ	LIC DCN IL		16.7 196.8	53.22 BLED20010828AAQ	39 48 30.2 89 37 30.4	20.000 100	3.7 270	36.1 Good News Radio, Inc.	13.2	13.4
214C1 St. Louis	KWMU	LIC _CN MO		208.1 27.8	96.71 BLED20010706AAR	38 34 50.2 90 19 45.4	100.000 289	10.0 444	71.8 The Curators Of The Univer	59.8	22.3
208A Greenville	WGRN	LIC _CN IL		145.8 326.0	60.95 BLED19821122AJ	38 53 43.1 89 24 30.2	0.300 62	1.2 225	10.0 Greenville College Educati	26.7	47.6
210B Peoria	WCBU	LIC _CN IL		7.9 188.1	143.46 BLED20051201AKD	40 37 44.1 89 34 12.4	26.500 197	75.3 386	51.0 Bradley University	31.6	35.1
265L1 Donnellson	WTGT-LP«	LIC _CN IL		140.9 321.1	45.46 BLL20170127AAD	39 01 54.9 89 28 20.0	0.074 35	214	8.5R Rose Of Sharon Broadcastin	37.0M	
265L1 Donnellson	WTGT-LP«	CP _HN IL		141.2 321.4	45.58 BPL20190805AAF	39 01 46.4 89 28 25.8	0.100 26	204	8.5R Rose Of Sharon Broadcastin	37.1M	
210A Mattoon	WLKL	LIC _CN IL		86.0 266.9	122.80 BLED19810914AF	39 25 07.1 88 22 55.1	1.300 62	23.5 270	15.8 Community College District	60.9	47.6
208A Ferguson	KCFV	LIC DCN MO		213.0 32.7	76.86 BLED19830314AR	38 46 07.1 90 17 16.4	0.100 49	0.7 201	8.3 St. Louis Community Colleg	49.3	66.1
212B Sparta	WMSH	CP DCN IL		182.3 2.3	155.14 0000112343	37 57 11.0 89 52 37.0	33.000 185	75.6 326	51.2 Covenant Network	49.9	57.7

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.

All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.

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 restricted contour.

« = Station meets FCC minimum distance spacing for its class.