



## Audio Division

## Low Power FM (LPFM) Channel Finder

(202)-418-2700

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Thu Mar 28 14:26:16 2013

EXCLUDES second-adjacent channel spacings  
EXCLUDES intermediate frequency (I.F.) spacings

Input options:

Latitude, Longitude: 42° 13' 7", 83 40' 36"

Google Map: [5.6 km radius \(approximate 60 dBu service contour coverage\)](#)**FAIL.** The requested latitude and longitude do not meet the LPFM spacing requirements on ANY channel.

The channel(s) shown are blocked by the station(s) below.  
 The column Rules contains the required spacing, in kilometers.  
 Try the suggested location (latitude,longitude), at the  
 approximate offset (km; heading N, S, E, or W) from your proposed location.

## LPFM

Chn	Blocker	Chn	Adj	Lat.	Long.	Dist.	Rule	Possible	Site	Try Moving
252		US252	co-	41.67	83.45	63.9	67	<a href="#">42 14 41 083 41 14</a>	N 2.9 W 0.9 km	

## FM, FM Translator &amp; Booster, and TV Channel 6 Stations Considered in this Analysis

(Stations marked with an asterisk provide Radio Reading Service and must be protected on third adjacent channels.)

Chn	Blocker	Chn	Adj	Lat.	Long.	Dist.	Rule	Possible	Site	Try Moving
NULL	6									
		TX WINDSOR								
VACANT	6	DT STEVENSON								
WDTR	201	A	FM MONROE							
WLGH	201	B1	FM LEROY TOWNSHIP							
WSDP	201	A	FM PLYMOUTH							
WSDP	201	A	FM PLYMOUTH							
WSDP	201	A	FM PLYMOUTH							
WSDP	201	A	FM PLYMOUTH							
WSMF	201	A	FM MONROE							
WBGU	201	A	FM BOWLING GREEN							
WBFH	201	A	FM BLOOMFIELD HILLS							
NULL	202	D	FX BERLIN TOWNSHIP							
WXUT	202	A	FM TOLEDO							
WSHJ	202	A	FM SOUTHFIELD							
WCBN-FM	202	A	FM ANN ARBOR							
WEJC	202	C1	FM WHITE STAR							
WXTS-FM	202	A	FM TOLEDO							
WDTE	202	A	FM GROSSE POINT SHORES							
WCBN-FM	202	A	FM ANN ARBOR							
WEJC	202	C1	FM WHITE STAR							
WXOU	202	A	FM AUBURN HILLS							
WJOM	203	B1	FM EAGLE							
WYSA	203	B1	FM WAUSEON							

W205BZ	204	D	FX MANCHESTER	MI	US	N 42	5	43	W 83	59	31	29.44	kr
CIMX	204	C1	FM WINDSOR	ON	CA	N 42	10	15	W 82	59	29	56.84	kr
WAKL	205	A	FM FLINT	MI	US	N 42	58	49	W 83	34	40	85.00	kr
WDTR	205	A	FM IMLAY CITY	MI	US	N 42	53	4	W 83	8	37	85.95	kr
WDBM	205	A	FM EAST LANSING	MI	US	N 42	42	20	W 84	28	30	85.07	kr
WTPG	205	B1	FM WHITEHOUSE	OH	US	N 41	25	39	W 83	36	30	88.05	kr
WBNI-FM	206	C1	FM FORT WAYNE	IN	US	N 41	6	13	W 85	10	44	176.04	kr
NULL	206	B	FA BAY CITY	MI	US	N 43	37	14	W 83	50	1	156.27	kr
WEMU	206	B1	FM YPSILANTI	MI	US	N 42	15	48	W 83	37	34	6.49	kr
WPHS	206	A	FM WARREN	MI	US	N 42	31	0	W 83	0	36	64.12	kr
WLKB	206	C2	FM BAY CITY	MI	US	N 43	33	42	W 83	58	52	151.26	kr
WPHS	206	A	FM WARREN	MI	US	N 42	31	0	W 83	0	36	64.12	kr
WHFR	207	A	FM DEARBORN	MI	US	N 42	19	26	W 83	14	9	38.20	kr
WYSZ	207	A	FM MAUMEE	OH	US	N 41	38	55	W 83	42	22	63.36	kr
WYSZ	207	A	FM MAUMEE	OH	US	N 41	37	31	W 83	40	16	65.90	kr
NULL	207	B	FM CHATHAM	ON	CA	N 42	26	14	W 82	6	23	131.66	kr
WJKN-FM	207	A	FM SPRING ARBOR	MI	US	N 42	9	13	W 84	32	57	72.44	kr
NULL	207	B	FA CHATHAM	ON	CA	N 42	27	0	W 82	5	0	133.78	kr
WDTP	208	A	FM HURON TOWNSHIP	MI	US	N 42	9	44	W 83	12	20	39.42	kr
WAHS	208	A	FM AUBURN HEIGHTS	MI	US	N 42	37	42	W 83	13	56	58.39	kr
WCMU-FM	208	C1	FM MOUNT PLEASANT	MI	US	N 43	34	24	W 84	46	21	175.10	kr
WAHS	208	A	FM AUBURN HILLS	MI	US	N 42	37	42	W 83	13	56	58.39	kr
WOVI	208	A	FM NOVI	MI	US	N 42	27	49	W 83	29	28	31.22	kr
WBCY	208	B1	FM ARCHBOLD	OH	US	N 41	28	59	W 84	16	58	95.96	kr
WTAC	209	B1	FM BURTON	MI	US	N 42	44	56	W 83	42	59	58.99	kr
WNOC	209	A	FM BOWLING GREEN	OH	US	N 41	25	39	W 83	36	30	88.05	kr
WLNZ	209	A	FM LANSING	MI	US	N 42	44	15	W 84	33	12	92.30	kr
WLNZ	209	A	FM LANSING	MI	US	N 42	44	15	W 84	33	12	92.30	kr
CBEFM	210	C1	FM WINDSOR	ON	CA	N 42	9	9	W 82	57	5	60.35	kr
NULL	210	C1	FM Port Angeles	WA	CA	N 42	9	9	W 82	57	5	60.35	kr
WDTP	211	B	FM HURON TOWNSHIP	MI	US	N 42	9	44	W 83	12	20	39.42	kr
WUCX-FM	211	C2	FM BAY CITY	MI	US	N 43	33	10	W 83	41	24	148.22	kr
WXML	211	B	FM UPPER SANDUSKY	OH	US	N 40	54	53	W 83	7	32	151.94	kr
WYBA	211	B	FM COLDWATER	MI	US	N 42	8	41	W 85	12	34	126.90	kr
KVLZ	212	A	FM ROCHESTER HILLS	MI	US	N 42	40	43	W 83	7	28	68.37	kr
WOTL	212	A	FM TOLEDO	OH	US	N 41	38	48	W 83	36	22	63.80	kr
KVLZ	212	A	FM ROCHESTER HILLS	MI	US	N 42	40	43	W 83	7	28	68.37	kr
NEW	212	A	FM YATES	MI	US	N 42	50	7	W 83	5	15	83.88	kr
WKAR-FM*	213	C1	FM EAST LANSING	MI	US	N 42	42	7	W 84	24	48	80.96	kr
NEW	213	B1	FM WINDSOR	ON	CA	N 42	17	50	W 83	1	31	54.44	kr
WRCJ-FM	215	C1	FM DETROIT	MI	US	N 42	26	53	W 83	10	23	48.71	kr
NEW	215	A	FM HANOVER	MI	US	N 42	4	25	W 84	35	38	77.51	kr
WDTR-FM	215	C1	FM DETROIT	MI	US	N 42	22	25	W 83	6	50	49.50	kr
WFUM-FM	216	B	FM FLINT	MI	US	N 42	53	57	W 83	27	42	77.63	kr
WPCJ	216	A	FM PITTSFORD	MI	US	N 41	53	4	W 84	28	15	75.50	kr
WGTE-FM*	217	B	FM TOLEDO	OH	US	N 41	39	27	W 83	25	55	65.54	kr
NEW	218	B	FM WAKESHA TOWNSHIP	MI	US	N 42	2	58	W 85	19	48	137.98	kr
WUOM	219	C1	FM ANN ARBOR	MI	US	N 42	24	27	W 83	54	50	28.68	kr
NULL	220	B1	FM LEAMINGTON	ON	CA	N 42	6	46	W 82	39	52	84.45	kr
WCSR-FM	221	A	FM HILLSDALE	MI	US	N 41	55	41	W 84	38	10	85.71	kr
WMXD	222	B	FM DETROIT	MI	US	N 42	19	55	W 83	2	42	53.61	kr
WVKS	223	B	FM TOLEDO	OH	US	N 41	31	55	W 83	35	37	76.58	kr
WDZZ-FM	224	A	FM FLINT	MI	US	N 43	2	29	W 83	41	28	91.41	kr
NULL	224	B1	FM LEAMINGTON	ON	CA	N 42	0	35	W 82	33	45	95.00	kr
WJZL	225	A	FM GRAND LEDGE	MI	US	N 42	43	58	W 84	33	13	91.99	kr
WDRQ	226	B	FM DETROIT	MI	US	N 42	28	16	W 83	12	3	48.21	kr
WRQN	228	B1	FM BOWLING GREEN	OH	US	N 41	27	28	W 83	39	33	84.52	kr
WHMI-FM	228	A	FM HOWELL	MI	US	N 42	39	47	W 83	56	23	53.91	kr
NULL	228	D	FX RIVERVIEW	MI	US	N 42	9	44	W 83	12	20	39.42	kr
WBCT	229	B	FM GRAND RAPIDS	MI	US	N 42	37	56	W 85	32	16	159.91	kr
CKLWFM	230	C1	FM WINDSOR	ON	CA	N 42	10	15	W 82	59	29	56.84	kr
WXIK	231	B	FM JACKSON	MI	US	N 42	23	32	W 84	40	0	83.88	kr
NULL	232	B	FA CHATHAM	ON	CA	N 42	24	0	W 82	11	0	124.74	kr
NEW	232	B	FM CHATHAM	ON	CA	N 42	26	14	W 82	6	23	131.66	kr
WCEN-FM	233	C1	FM HEMLOCK	MI	US	N 43	43	36	W 84	36	16	183.84	kr
WXXR	233	B	FM PORT CLINTON	OH	US	N 41	30	3	W 83	16	16	86.54	kr
WCSX	234	B	FM BIRMINGHAM	MI	US	N 42	27	13	W 83	9	50	49.67	kr

WMMQ	235	B	FM EAST LANSING	MI	US	N 42 38 45	W 84 33 38	86.85	kr
WFBE	236	B	FM FLINT	MI	US	N 42 58 26	W 83 39 1	83.93	kr
CKUE-FM-1	236	A	FM WINDSOR	ON	CA	N 42 20 20	W 82 55 53	62.90	kr
CKUE-FM	236	B	FM CHATHAM	ON	CA	N 42 26 14	W 82 6 23	131.66	kr
WQTE	237	A	FM ADRIAN	MI	US	N 41 48 15	W 84 5 25	57.38	kr
WKQI	238	B	FM DETROIT	MI	US	N 42 28 23	W 83 11 59	48.41	kr
WIMX	239	A	FM GIBSONBURG	OH	US	N 41 28 19	W 83 25 5	85.67	kr
NULL	240	D	FX DEERFIELD	MI	US	N 41 53 18	W 83 46 14	37.50	kr
NULL	240	B1	FM WINDSOR	ON	CA	N 42 10 15	W 82 59 29	56.84	kr
NULL	240	B1	FM WINDSOR	ON	CA	N 42 10 15	W 82 59 29	56.84	kr
WMTR-FM	241	A	FM ARCHBOLD	OH	US	N 41 33 29	W 84 11 8	84.66	kr
WHNN	241	C0	FM BAY CITY	MI	US	N 43 33 10	W 83 41 24	148.22	kr
WPLT	242	B	FM DETROIT	MI	US	N 42 27 13	W 83 9 50	49.67	kr
WUFN	244	A	FM ALBION	MI	US	N 42 15 56	W 84 38 43	80.12	kr
NULL	244	C1	FA LEAMINGTON	ON	CA	N 42 0 35	W 82 33 45	95.00	kr
WNKL	245	A	FM WAUSEON	OH	US	N 41 36 3	W 83 54 27	71.24	kr
WKRK-FM	246	B	FM DETROIT	MI	US	N 42 28 58	W 83 12 19	48.68	kr
WJZE	247	A	FM OAK HARBOR	OH	US	N 41 28 19	W 83 25 5	85.67	kr
WJIM-FM	248	B	FM LANSING	MI	US	N 42 40 33	W 84 30 0	84.66	kr
WYDM	248	D	FM MONROE	MI	US	N 41 55 7	W 83 26 12	38.79	kr
NULL	248	B	FM WINDSOR	ON	CA	N 42 9 9	W 82 57 5	60.35	kr
WJLB	250	B	FM DETROIT	MI	US	N 42 24 22	W 83 6 44	50.98	kr
WKCQ	251	B	FM SAGINAW	MI	US	N 43 25 4	W 83 55 6	134.67	kr
WDFM	251	B	FM DEFIANCE	OH	US	N 41 17 28	W 84 32 17	125.48	kr
WTWR-FM	252	A	FM LUNA PIER	MI	US	N 41 40 5	W 83 27 11	63.90	kr
W252BA	252	D	FX CHELSEA	MI	US	N 42 17 48	W 84 5 11	34.90	kr
W252BA	252	D	FX CHELSEA	MI	US	N 42 19 7	W 84 1 15	30.49	kr
WNWN-FM	253	B	FM COLDWATER	MI	US	N 42 3 28	W 84 59 51	110.65	kr
WVMV	254	B	FM DETROIT	MI	US	N 42 23 42	W 83 8 58	47.68	kr
NULL	256	A	FM WINDSOR	ON	CA	N 42 18 17	W 83 4 3	51.16	kr
NULL	256	A	FM WINDSOR	ON	CA	N 42 18 17	W 83 4 3	51.16	kr
WFMK	256	B	FM EAST LANSING	MI	US	N 42 40 33	W 84 30 0	84.66	kr
WFRO-FM	256	B1	FM FREMONT	OH	US	N 41 21 58	W 83 5 20	106.55	kr
WYCD	258	B	FM DETROIT	MI	US	N 42 27 13	W 83 9 50	49.67	kr
WUGN	259	C	FM MIDLAND	MI	US	N 43 30 56	W 84 32 49	160.67	kr
CJFIFM	260	B	FM SARNIA	ON	CA	N 42 59 0	W 82 24 0	134.86	kr
WKKO	260	B	FM TOLEDO	OH	US	N 41 40 5	W 83 27 11	63.90	kr
WNIC	262	B	FM DEARBORN	MI	US	N 42 23 22	W 83 8 53	47.54	kr
WKXA-FM	263	B	FM FINDLAY	OH	US	N 40 55 0	W 83 35 45	144.76	kr
NULL	264	B1	FM WINDSOR	ON	CA	N 42 20 30	W 82 56 7	62.65	kr
WITL-FM	264	B	FM LANSING	MI	US	N 42 40 33	W 84 30 0	84.66	kr
NULL	264	D	FX SHELDON	MI	US	N 42 16 18	W 83 25 7	22.10	kr
WRIF	266	B	FM DETROIT	MI	US	N 42 28 14	W 83 15 1	44.92	kr
WRVF	268	B	FM TOLEDO	OH	US	N 41 40 23	W 83 25 31	64.08	kr
WHZZ	269	A	FM LANSING	MI	US	N 42 41 29	W 84 33 29	89.52	kr
WDET-FM*	270	B	FM DETROIT	MI	US	N 42 21 6	W 83 3 48	52.70	kr
WMUK	271	B	FM KALAMAZOO	MI	US	N 42 25 3	W 85 31 55	154.53	kr
NULL	272	A	FM WINDSOR	ON	CA	N 42 17 50	W 83 1 31	54.44	kr
NULL	272	A	FM WINDSOR	ON	CA	N 42 18 59	W 83 2 58	52.87	kr
NULL	272	D	FX PITTSFIELD TOWNSHIP	MI	US	N 42 13 7	W 83 40 36	0.00	kr
WPOS-FM	272	A	FM HOLLAND	OH	US	N 41 37 32	W 83 42 41	65.93	kr
WIOG	273	B	FM BAY CITY	MI	US	N 43 28 24	W 83 50 40	140.06	kr
WMXE	273	A	FM HUDSON	MI	US	N 41 53 3	W 84 31 24	79.33	kr
WCPZ	274	B	FM SANDUSKY	OH	US	N 41 24 20	W 82 47 3	116.86	kr
WDMK	274	B	FM MOUNT CLEMENS	MI	US	N 42 32 39	W 82 54 9	73.30	kr
WMTX	274	B	FM SANDUSKY	OH	US	N 41 26 28	W 82 41 14	119.22	kr
WWWW-FM	275	B	FM ANN ARBOR	MI	US	N 42 14 46	W 83 50 58	14.59	kr
CBEF1F	276	A	FM LEAMINGTON	ON	CA	N 42 6 46	W 82 39 52	84.45	kr
WKFR-FM	277	B	FM BATTLE CREEK	MI	US	N 42 21 20	W 85 20 28	138.12	kr
WMUZ	278	B	FM DETROIT	MI	US	N 42 22 40	W 83 14 32	39.95	kr
WCKY-FM	279	B	FM PEMBERVILLE	OH	US	N 41 8 20	W 83 14 45	125.17	kr
NULL	280	A	FM WINDSOR	ON	CA	N 42 18 59	W 83 2 58	52.87	kr
NULL	280	D	FX NOVI	MI	US	N 42 29 12	W 83 29 49	33.25	kr
NULL	280	D	FX LIVONIA	MI	US	N 42 23 37	W 83 22 18	31.79	kr
WRSR	280	A	FM OWOSSO	MI	US	N 42 59 44	W 83 59 33	90.11	kr
WLEN	280	A	FM ADRIAN	MI	US	N 41 54 11	W 83 59 13	43.45	kr
WVGR	281	B	FM GRAND RAPIDS	MI	US	N 42 39 17	W 85 31 38	159.79	kr

WOMC	282	B	FM DETROIT	MI	US	N 42 28 10	W 83 6 54	54.02	kr
WIOT	284	B	FM TOLEDO	OH	US	N 41 40 23	W 83 25 31	64.08	kr
WMGC-FM	286	B	FM DETROIT	MI	US	N 42 27 13	W 83 9 50	49.67	kr
WKHM-FM	287	A	FM BROOKLYN	MI	US	N 42 9 14	W 84 24 7	60.35	kr
WWCK-FM	288	B1	FM FLINT	MI	US	N 43 0 39	W 83 39 4	88.03	kr
WWWM-FM	288	A	FM SYLVANIA	OH	US	N 41 38 49	W 83 36 18	63.77	kr
NULL	288	A	FM WINDSOR	ON	CA	N 42 18 59	W 83 2 58	52.87	kr
WOOD-FM	289	B	FM GRAND RAPIDS	MI	US	N 42 39 17	W 85 31 37	159.77	kr
WDTJ	290	B	FM DETROIT	MI	US	N 42 28 16	W 83 12 3	48.21	kr
WJXQ	291	B	FM CHARLOTTE	MI	US	N 42 23 31	W 84 37 22	80.35	kr
NULL	292	B	FM SARNIA	ON	CA	N 42 52 9	W 82 23 38	127.74	kr
WQLR	293	B	FM KALAMAZOO	MI	US	N 42 28 35	W 85 29 5	151.71	kr
WRWK	293	A	FM DELTA	OH	US	N 41 30 49	W 83 51 0	79.62	kr
WQLR	293	B	FM KALAMAZOO	MI	US	N 42 28 35	W 85 29 5	151.71	kr
WWWW-FM	294	B	FM DETROIT	MI	US	N 42 19 55	W 83 2 42	53.61	kr
WSAE	295	A	FM SPRING ARBOR	MI	US	N 42 9 13	W 84 32 58	72.46	kr
WQKL	296	A	FM ANN ARBOR	MI	US	N 42 16 41	W 83 44 32	8.54	kr
WJUC	297	A	FM SWANTON	OH	US	N 41 38 30	W 83 54 3	66.72	kr
WGPR	298	B	FM DETROIT	MI	US	N 42 21 28	W 83 3 55	52.74	kr
WPFX-FM	299	A	FM LUCKEY	OH	US	N 41 25 39	W 83 36 30	88.05	kr
WRKR	299	B	FM PORTAGE	MI	US	N 42 7 44	W 85 20 22	137.75	kr
NULL	300	A	FM WINDSOR	ON	CA	N 42 18 59	W 83 2 58	52.87	kr
NEW	300	A	FM WINDSOR	ON	CA	N 42 18 59	W 83 2 58	52.87	kr
WCRZ	300	B	FM FLINT	MI	US	N 42 58 49	W 83 34 40	85.00	kr
NULL	300	D	FX WASHTENAW COUNTY	MI	US	N 42 15 47	W 83 51 17	15.50	kr
NULL	300	A	FA WINDSOR	ON	CA	N 42 18 30	W 83 0 30	56.03	kr
NULL	300	D	FX DEXTER	MI	US	N 42 17 39	W 83 52 52	18.84	kr

### New LPFM Channel Finder Analysis?

**NAD 27 Coordinates** (degrees, minutes, seconds latitude and longitude)

FM Station Latitude

FM Station Longitude

42 13 7 83 40 36

☒ Results only

☐ Show List of Stations Considered

#### Special search options:

*Second adjacent channels:* An LPFM application must satisfy minimum distance separation requirements to stations operating on and applications proposing operations on second-adjacent channels. The *Local Community Radio Act* authorizes the Commission to waive the second-adjacent channel protection requirement and the Commission has under consideration proposed waiver standards.

☒ Consider ☐ Don't consider Second-adjacent channel spacings

*Intermediate Frequency (I.F.) channels:* An LPFM application must satisfy minimum distance separation requirements to stations operating on and applications proposing operations on intermediate frequency (IF) channels. The Commission has under consideration a proposal to eliminate this requirement for LPFM applications proposing operations at less than 100 watts effective radiated power.

☒ Consider ☐ Don't consider I.F. channel spacings

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