



Audio Division

Low Power FM (LPFM) Channel Finder

(202)-418-2700

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Sun Apr 14 21:35:30 2013

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

Input options:

Latitude, Longitude: 41° 27' 16", 74 25' 6"

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
232		US232	co-	41.90	73.99	60.5	67	41 24 24 074 27 50	S	5.3 W 3.8 km
232	USA-è...	231	1st	41.38	74.14	24.9	28	41 27 50 074 27 13	N	1.1 W 2.9 km
232	US@ÈG@	235	3rd	41.45	74.42	0.0	8	41 31 35 074 25 05	N	8.0 E 0.0 km
288		US288	co-	41.52	73.64	65.8	67	41 27 10 074 26 03	S	0.2 W 1.3 km
288	USAŠ\	289	1st	41.68	74.36	26.0	28	41 26 12 074 25 23	S	2.0 W 0.4 km
288	US@ÈG@	235	IF	41.45	74.42	0.0	5	41 29 57 074 25 06	N	5.0 E 0.0 km
290		US291	1st	41.82	74.76	49.3	56	41 24 18 074 22 18	S	5.5 E 3.9 km
290	USAŠ\	289	1st	41.68	74.36	26.0	28	41 26 12 074 25 23	S	2.0 W 0.4 km
290	US@³x									
292	2nd	41.45	74.42	0.0	8			41 31 35 074 25 05	N	8.0 E 0.0 km

New LPFM Channel Finder Analysis?

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

FM Station Latitude **FM Station Longitude**
41 27 16 74 25 6

- ☒ 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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If you would like more information pertaining to the Media Bureau, please call: (202) 418-7200.

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