



Audio Division

Low Power FM (LPFM) Channel Finder

(202)-418-2700

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Thu Apr 18 23:44:11 2013

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

Input options:

Latitude, Longitude: 40° 16' 31", 75 45' 12"

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
253	US253	co-	41.20	75.82	102.7	112	40 11 34 075 44 51	S 9.2 E 0.5 km
253	US@'zâ253	co-	40.32	75.94	16.9	26	40 14 55 075 39 06	S 3.0 E 8.6 km

New LPFM Channel Finder Analysis?

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

FM Station Latitude

FM Station Longitude

40

16

31

75

45

12

☒ 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*