



Data PN Runs

July 10, 2015

Summary of Data PN Runs



Three broadcaster participation scenarios:

- Scenario 1: Moderate Participation (40-50%) at 84 MHz Clearing (70 MHz plan)
 - Assumes following nonparticipants: major network stations, largest non-major network station in each DMA, stations with EV>\$100 million and two largest PBS stations in each DMA
- Scenario 2: More Robust Participation (50-60%) at 114 MHz (90 MHz plan)
 - Assumes following nonparticipants: 4 largest major network stations, stations with EV>\$100 million and largest PBS station in each DMA
- Scenario 3: High Participation (60-70%) at 126 MHz (100 MHz plan)
 - Assumes following non-participants: major network stations in Top 25 markets, 3 largest major network stations in Markets 26-100, 2 largest major network stations in Markets 100+ and largest PBS station in each DMA

Assumptions:

- The clearing target chosen for each scenario represents the highest achievable target under the one equivalent block impairment threshold
- Protected only Canadian operating stations, but assumed they were fixed
- Incorporated US-Canada and Canada-US ISIX data
- Protected all allotments in Mexico – whether occupied by a station or not
- Did not incorporate the ISIX data from these Mexican allotments

DMA with Impairments

84 MHz Band Plan - Moderate Participation (40-50%)



Proposed Approach: Allow Impairments in Duplex Gap	
Nationwide Impairment: 13.1%	
DMA	Channel
Harlingen-Weslaco-Brownsville-McAllen, TX	49
Los Angeles, CA	46
Harrisburg-Lancaster-Lebanon-York, PA	45
Madison, WI	45
Buffalo, NY	45
Milwaukee, WI	44
Flint-Saginaw-Bay City, MI	44
Buffalo, NY	43
San Diego, CA	40
Los Angeles, CA	39
Syracuse, NY	38
Los Angeles, CA	38
Wilkes Barre-Scranton, PA	38

 Indicates that station falls on channel that overlaps with duplex gap

Alternative Approach: Protect the Duplex Gap	
Nationwide Impairment: 16.7%*	
DMA	Channel
Harlingen-Weslaco-Brownsville-McAllen, TX	49
Los Angeles, CA	48
Rochester, NY	42
Flint-Saginaw-Bay City, MI	42
Los Angeles, CA	40
Los Angeles, CA	39
Milwaukee, WI	39
Wilkes Barre-Scranton, PA	39
Los Angeles, CA	38
Madison, WI	38
Baltimore, MD	38
Wilkes Barre-Scranton, PA	38

* The aggregate weighted-pops impaired by these stations exceed the impairment standard for this clearing target because impairments in the uplink or downlink can affect adjacent markets as well. This clearing target would therefore not be chosen and the initial clearing target would be lowered.

DMAs with Impairments

114 MHz Band Plan – More Robust Participation (50-60%)



Proposed Approach: Allow Impairments in Duplex Gap	
Nationwide Impairment: 9.1%	
DMA	Channel
Los Angeles, CA	48
Madison, WI	43
Erie, PA	43
Wilkes Barre-Scranton, PA	43
Burlington, VT-Plattsburgh, NY	43
Rochester, NY	43
Cleveland-Akron (Canton), OH	42
Flint-Saginaw-Bay City, MI	42
Los Angeles, CA	39
Buffalo, NY	39
Palm Springs, CA	38
Los Angeles, CA	38
Flint-Saginaw-Bay City, MI	38
San Diego, CA	36
Palm Springs, CA	36
Madison, WI	32
Watertown, NY	32
Erie, PA	32
Wilkes Barre-Scranton, PA	32

Indicates that station falls on channel that overlaps with duplex gap

Alternative Approach: Protect the Duplex Gap	
Nationwide Impairment: 11.5%*	
DMA	Channel
Los Angeles, CA	48
Detroit, MI	40
Los Angeles, CA	39
Buffalo, NY	39
Detroit, MI	39
Buffalo, NY	38
Detroit, MI	38
Palm Springs, CA	38
Los Angeles, CA	38
Wilkes Barre-Scranton, PA	38
San Diego, CA	36
Palm Springs, CA	36
Madison, WI	33
Rochester, NY	32
Madison, WI	32
Ft. Wayne, IN	32
Philadelphia, PA	32
Erie, PA	32
Springfield-Holyoke, MA	32

* The aggregate weighted-pops impaired by these stations exceed the impairment standard for this clearing target because impairments in the uplink or downlink can affect adjacent markets as well. This clearing target would therefore not be chosen and the initial clearing target would be lowered.

DMAs with Impairments

126 MHz Band Plan – High Participation (60-70%)



Proposed Approach: Allow Impairments in Duplex Gap	
Nationwide Impairment: 4.1%	
DMA	Channel
Detroit, MI	42
Burlington, VT-Plattsburgh, NY	42
Rochester, NY	39
Rochester, NY	38
Harlingen-Weslaco-Brownsville-McAllen, TX	31
San Diego, CA	30
Erie, PA	30
Burlington, VT-Plattsburgh, NY	30
Detroit, MI	30
Wilkes Barre-Scranton, PA	30

Alternative Approach: Protect the Duplex Gap	
Nationwide Impairment: 4.4%	
DMA	Channel
Harlingen-Weslaco-Brownsville-McAllen, TX	38
Buffalo, NY	38
Detroit, MI	31
Burlington, VT-Plattsburgh, NY	31
Rochester, NY	31
Seattle-Tacoma, WA	30
San Diego, CA	30
Detroit, MI	30
Erie, PA	30
Burlington, VT-Plattsburgh, NY	30
Wilkes Barre-Scranton, PA	30

Indicates that station falls on channel that overlaps with duplex gap