

----- Original Message -----

From: Jerald Fritz <jnfritz@ONEMediaLLC.com>

Date: Fri, Oct 21, 2016, 11:40 AM

To: Martin Doczkat <Martin.Doczkat@fcc.gov>

CC: Mark Aitken <MAitken@sbgvtv.com>, "Louis H. Libin" <lhlibin@sbgvtv.com>

Subject: ATSC 3.0 Single Frequency Network - Washington DC STA - Initial Measurements

Martin,

Per your request, attached is an initial report on the testing that we are undertaking around the Single Frequency Network deployed under the STA in Washington, DC and Baltimore, MD using Channel 43. The primary initial focus of the SFN tests using the ATSC 3.0 parameters is to establish signal strength in an environment where content is transmitted over the same channel in the same geographical area. Initial testing measurement reflects that "clean" signals are received as predicted without interference. This is only the first phase of multiple planned measurement tests.

Please let us know if you have questions surrounding the report or if we can provide other information. We would be happy to come in to discuss the test if that would be helpful.

Best regards,

Jerry



Jerald N. Fritz

Executive Vice President

Strategic and Legal Affairs

1100 Wilson Blvd., Ste. 600

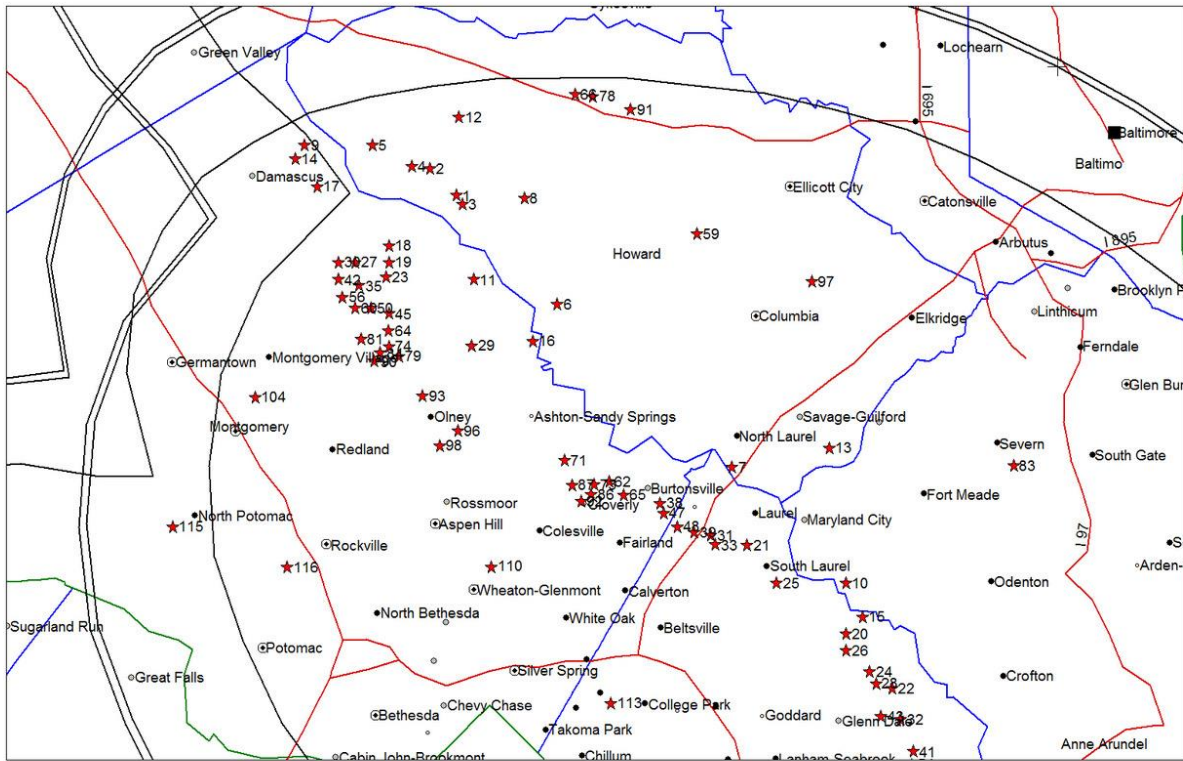
Arlington, VA 22209

Ph: 703-236-9229

Cell: 202-258-1616

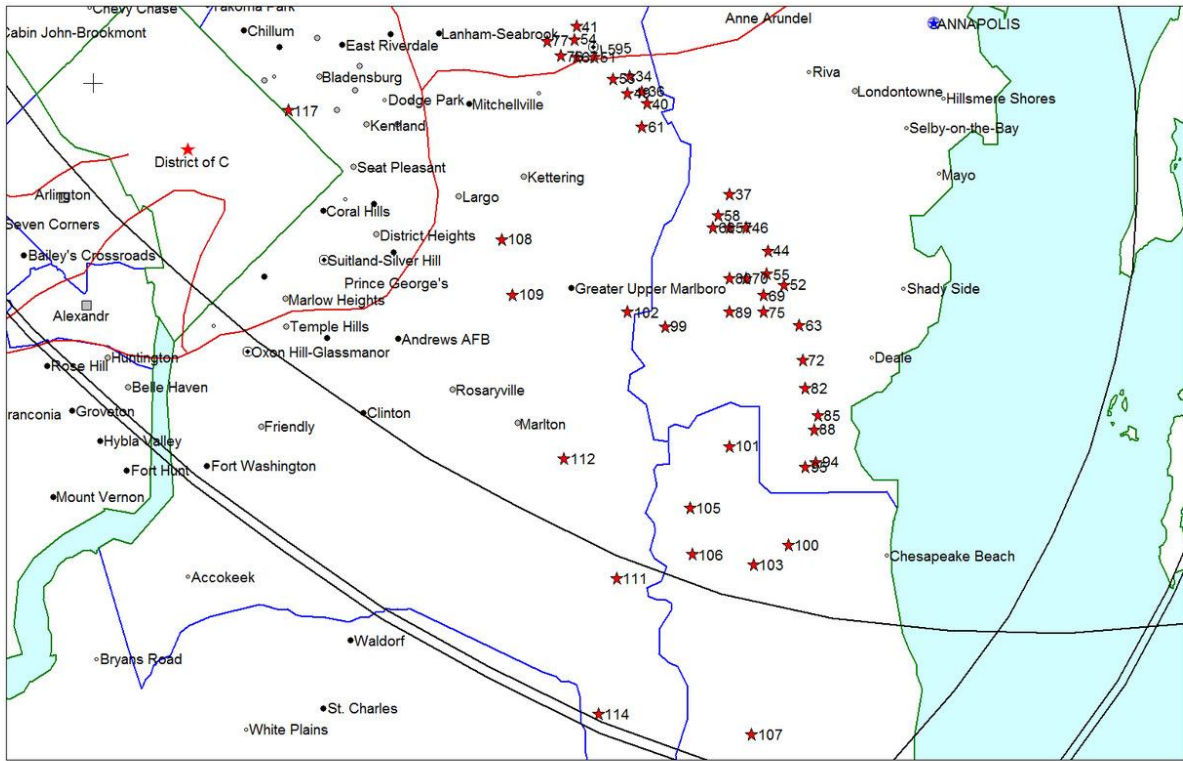
jnfritz@OneMediaLLC.com

Attachments



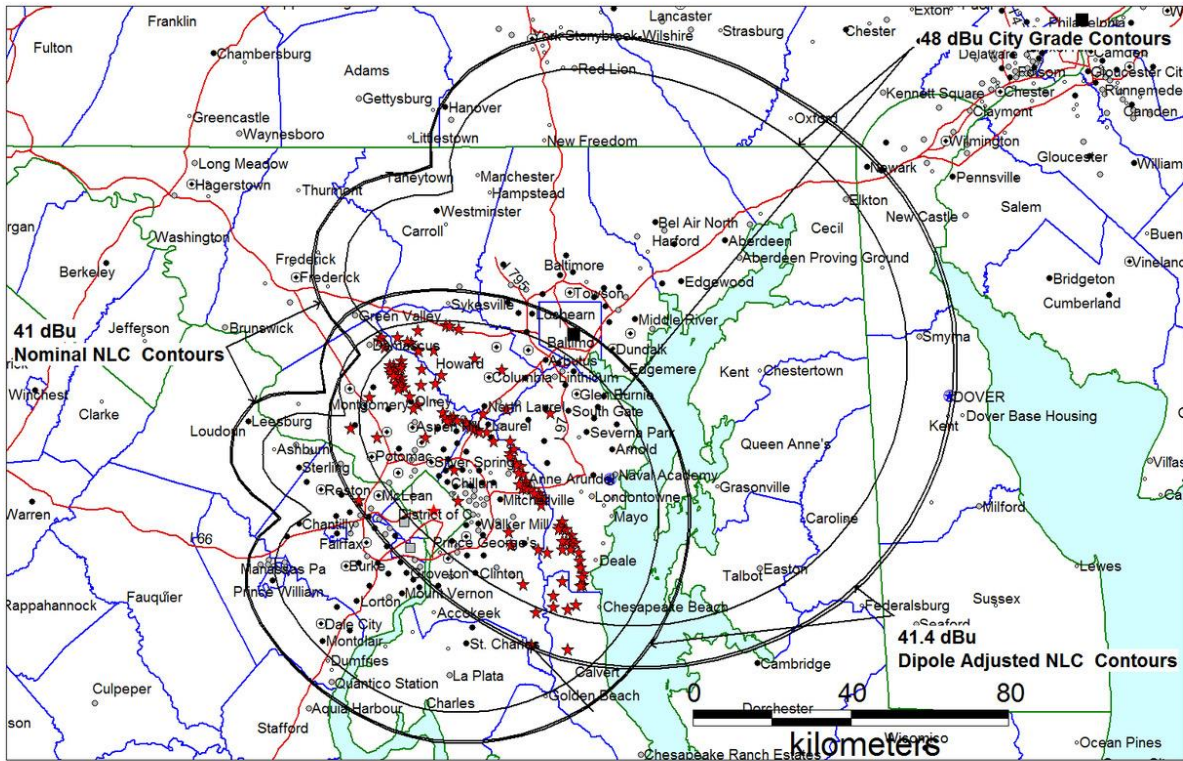
Channel 43 Baltimore / Washington SFN Predicted Contours
Baltimore @ 800 kW Washington @ 120 kW

★ Points where field strengths from the two SFN transmitter sites differ by < 1.0 dB
 (Number corresponds to spreadsheet record number)



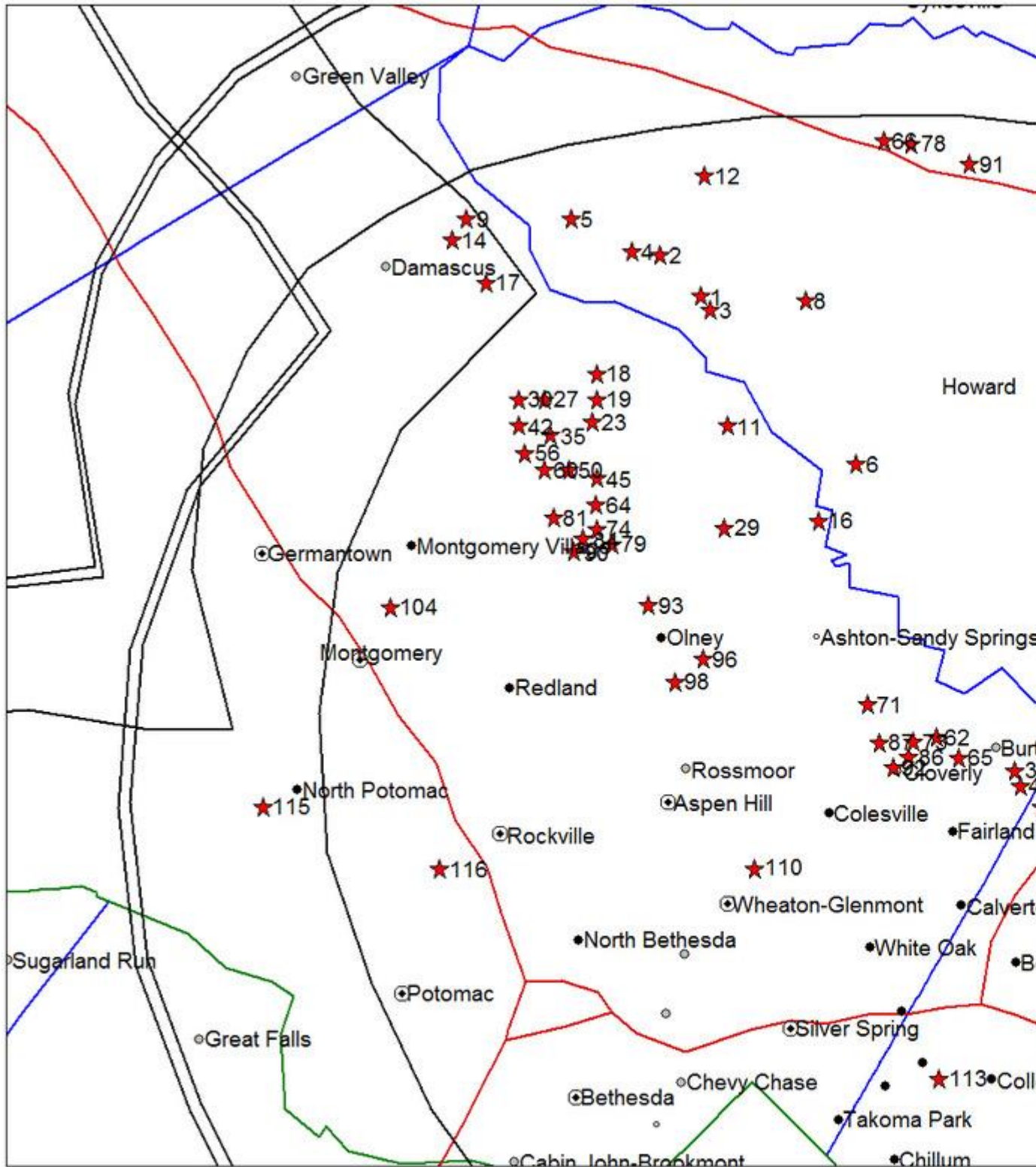
Channel 43 Baltimore / Washington SFN Predicted Contours
 Baltimore @ 800 kW Washington @ 120 kw

★ Points where field strengths from the two SFN transmitter sites differ by < 1.0 dB
 (Number corresponds to spreadsheet record number)



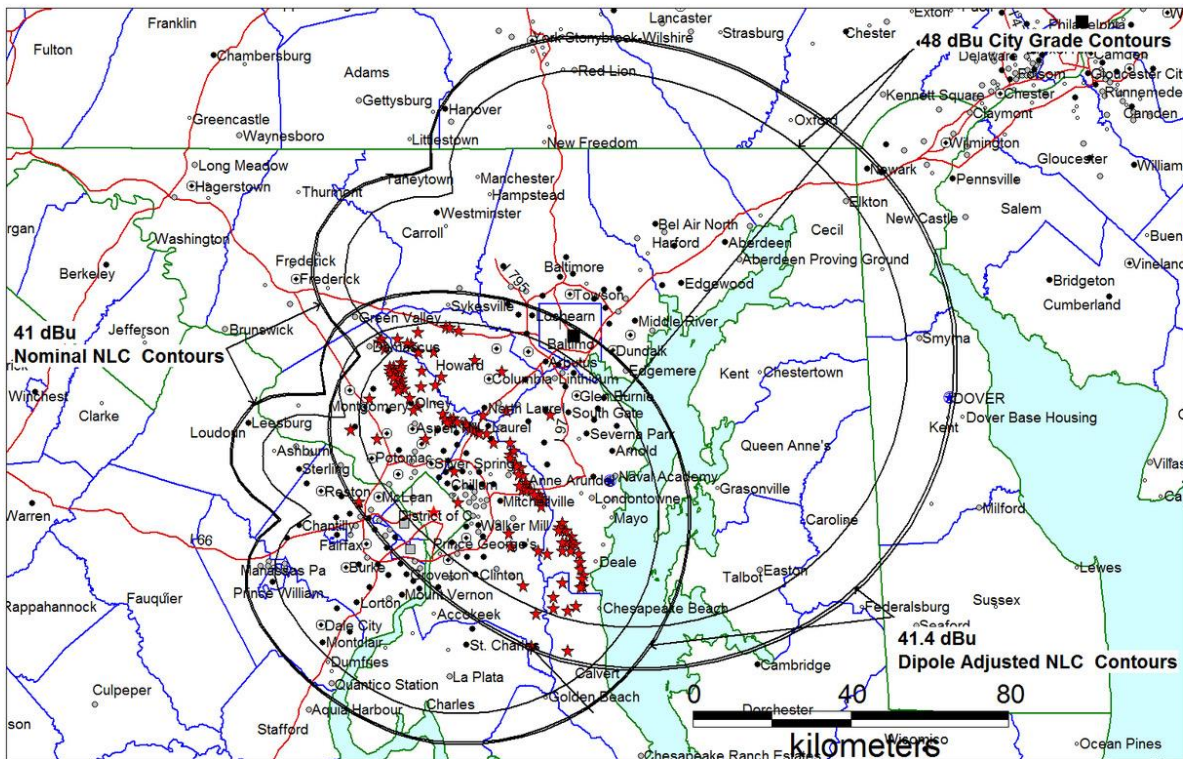
Channel 33 Baltimore / Washington SFN Predicted Contours
 Baltimore @ 800 kW Washington @ 120 kW

★ Points where field strengths from the two SFN transmitter sites differ by < 1.0 dB



Channel 43 Baltimore / Washington SFN Pre
Baltimore @ 800 kW Washington @

★ Points where field strengths from the two SFN transmitter sites differ by
(Number corresponds to spreadsheet record number)



Channel 33 Baltimore / Washington SFN Predicted Contours
 Baltimore @ 800 kW Washington @ 120 kW

★ Points where field strengths from the two SFN transmitter sites differ by < 1.0 dB