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ATTORNEYS AT LAW

May 15, 2009

Ex Parte

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

*Re: Unlicensed Operation in the TV Broadcast Bands; Additional Spectrum for
Unlicensed Devices Below 900 MHz and in the 3 GHz Band, ET Doc. Nos. 04-
186 and 02-380*

Dear Ms. Dortch:

On May 14, 2009, I, on behalf of Microsoft Corp., met with Julius Knapp, Bruce Romano, and Hugh Van Tuyl of the Office of Engineering and Technology regarding the above-referenced proceeding. During the meeting, we discussed the impact that the wireless microphone rules adopted by the Commission in the *Second Report and Order* will have on the deployment of white space devices. In addition, as Microsoft and others have already set forth in the record, I explained that combining geolocation and sensing capabilities within a single device is unnecessary and will significantly increase costs and complicate operations. Finally, we discussed the negative implications of amending Part 74 of the Commission's rules to allow additional wireless microphone users in the spectrum at issue. For illustrative purposes, I discussed and provided copies of the maps attached to this letter.

Pursuant to the Commission's rules, a copy of this notice is being filed electronically in the above-referenced dockets. If you require any additional information please contact me.

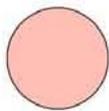
Sincerely yours,

A handwritten signature in black ink, appearing to read 'Edmond J. Thomas', written over a circular scribble.

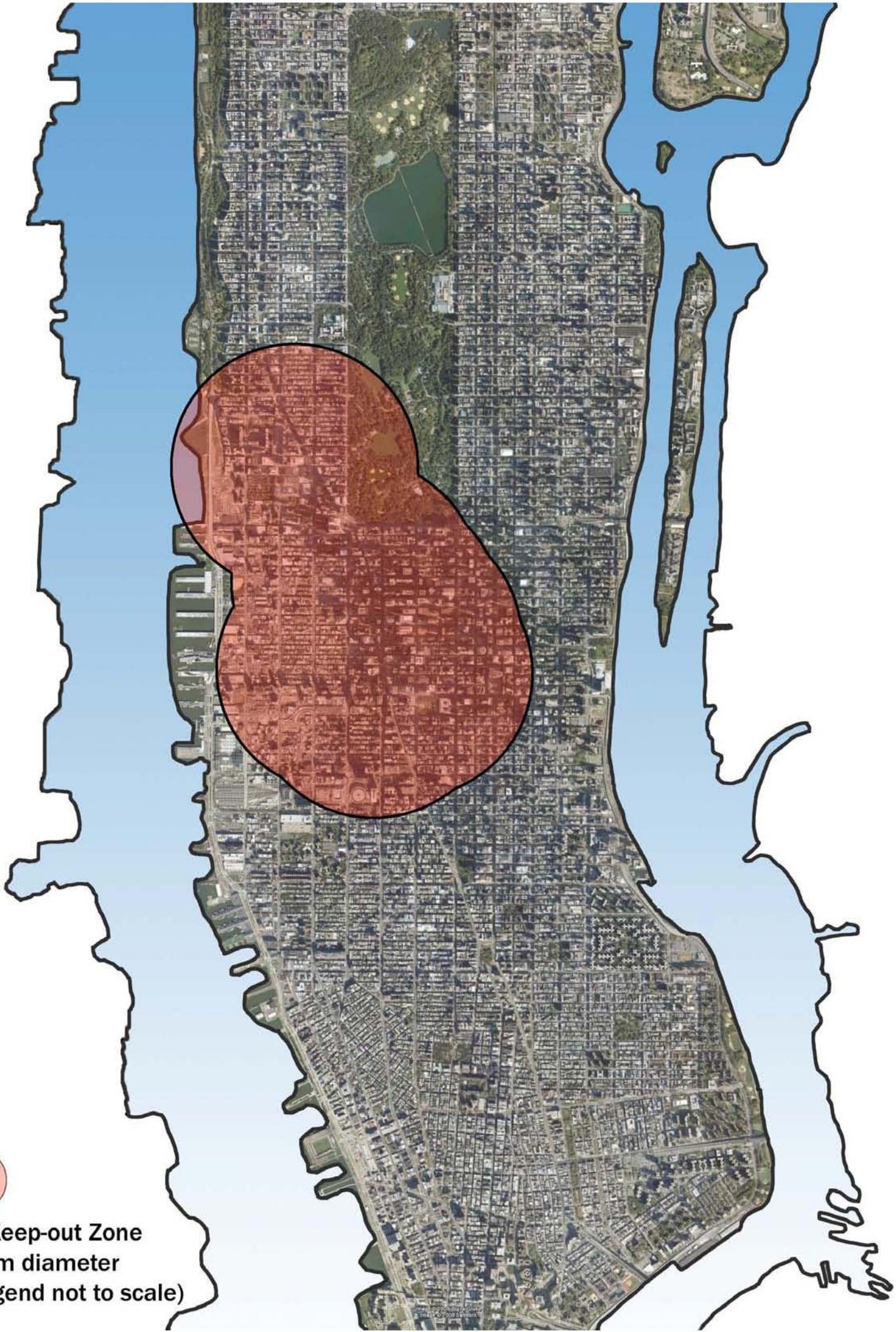
Edmond J. Thomas
Senior Technology Policy Advisor

Attachments

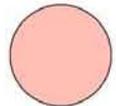
cc: meeting participants



= Keep-out Zone
2km diameter
(legend not to scale)



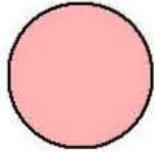
TV White Spaces Potential Keep-out Zones: Theater District (500+ seats)



= Keep-out Zone
2km diameter
(legend not to scale)



TV White Spaces Potential Keep-out Zones: Manhattan

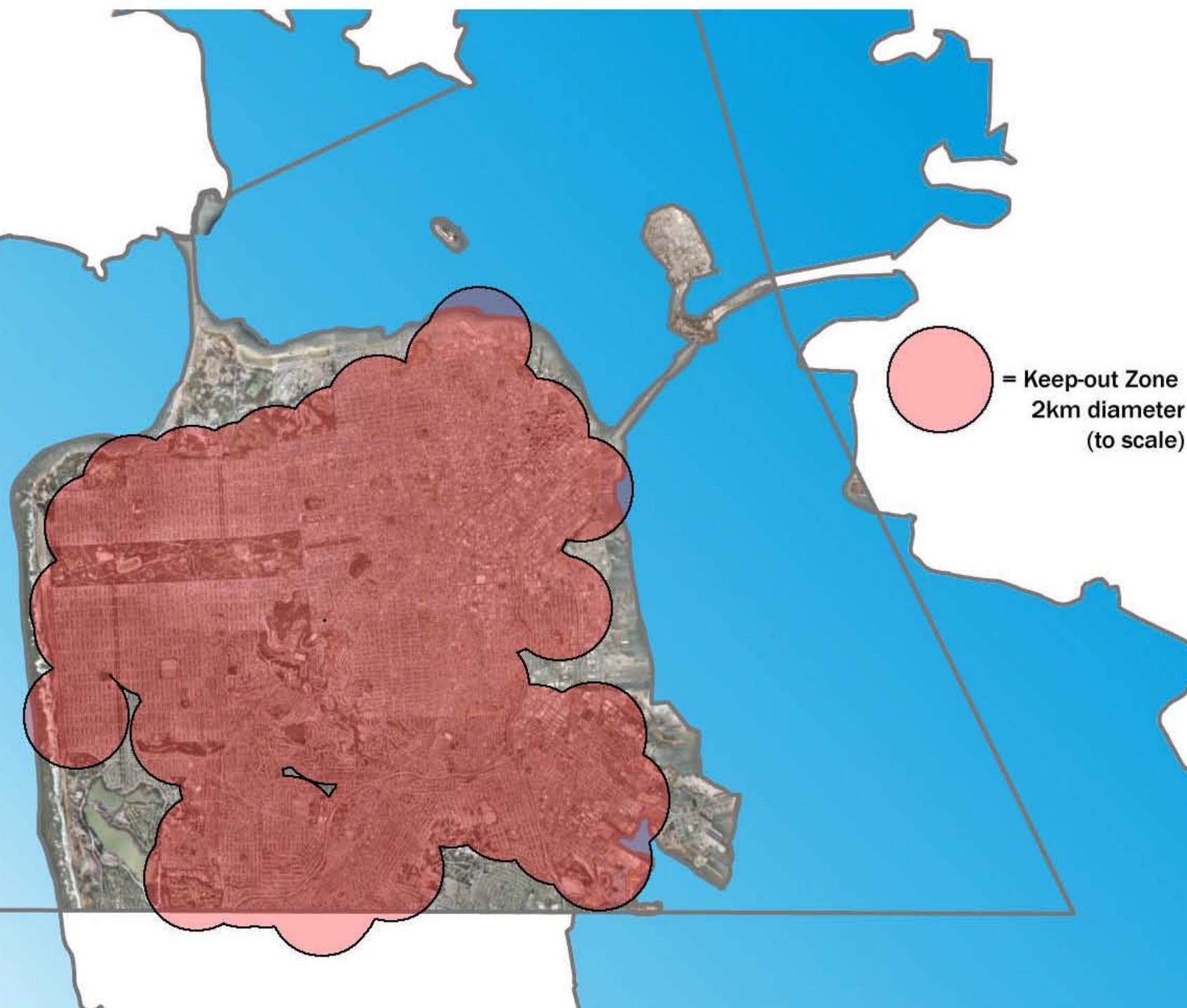


= Keep-out Zone
2km diameter
(to scale)

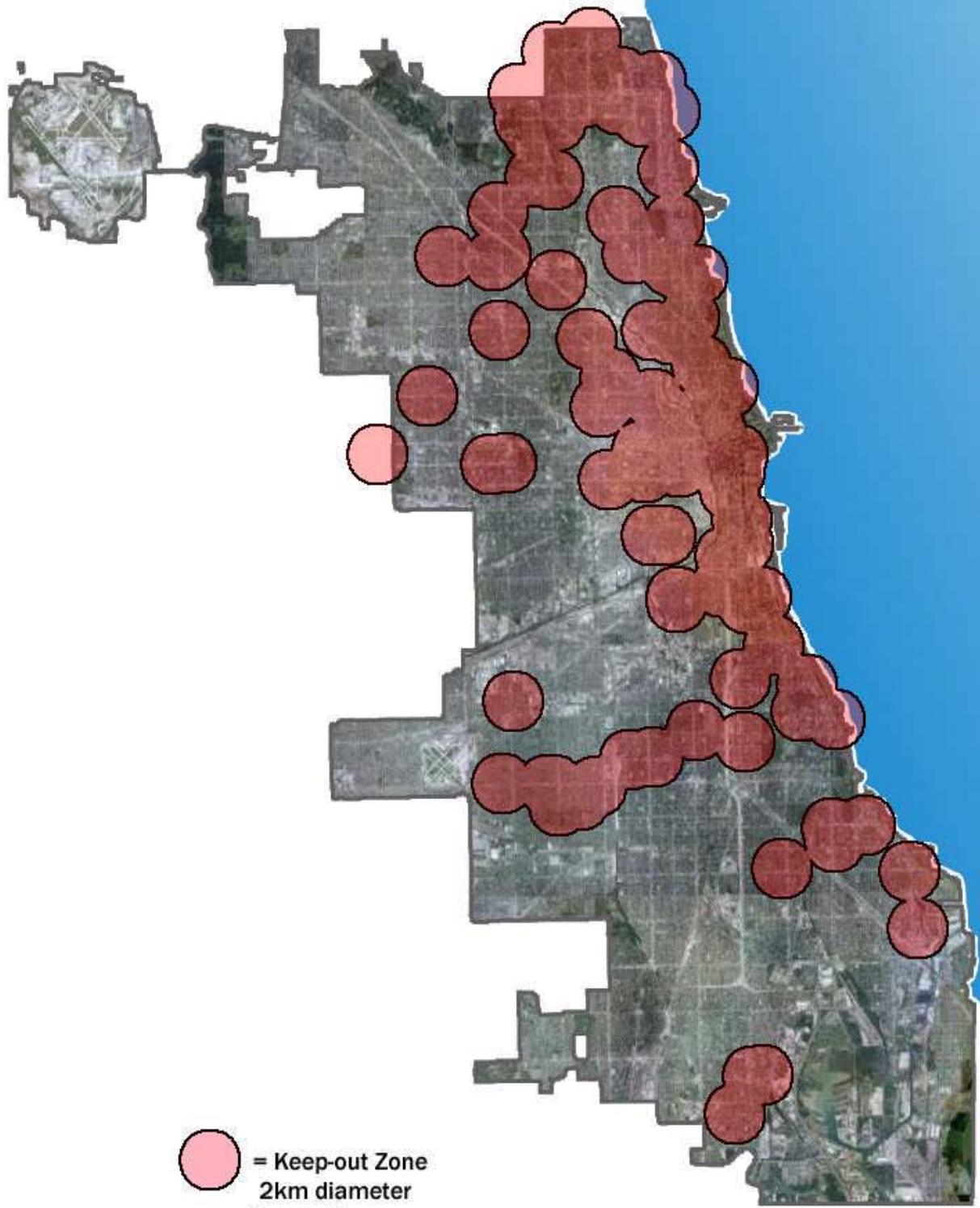


TV White Spaces Potential Keep-out Zones: Brooklyn

TV White Spaces Potential Keep-out Zones: San Francisco



TV White Spaces Potential Keep-out Zones - Chicago



 = Keep-out Zone
2km diameter
(to scale)

TV White Spaces Potential Keep-out Zones – Philadelphia

