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February 26, 2015

Via Electronic Filing

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W., Room TW-A325
Washington, D.C. 20554

Re: ***Notice of Ex Parte Presentation:***
Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions, GN Docket No. 12-268; *Office of Engineering and Technology Releases and Seeks Comment on Updated OET-69 Software*, ET Docket No. 13-26; *Office of Engineering and Technology Seeks to Supplement the Incentive Auction Proceeding Record Regarding Potential Interference Between Broadcast Television and Wireless Services*, ET Docket No. 14-14; *Competitive Bidding Procedures for Broadcast Incentive Auction 1000, Including Auctions 1001 and 1002*, AU Docket No. 14-252

Dear Ms. Dortch:

On February 24, 2015, representatives of Sprint Corporation (“Sprint”) met with Federal Communications Commission staff members regarding the above-captioned proceedings. A complete list of the individuals participating in the meeting is attached as Exhibit 1.

During the meeting, Sprint representatives commended Commission staff for the tremendous efforts they are making to bring the Incentive Auction to fruition, notwithstanding the enormous complexity involved in this process. As Sprint explained, the Incentive Auction process has proceeded in an iterative manner, with subsequent steps illustrating new challenges and opportunities not readily foreseen by commenters or the Commission at prior stages of this development process.

Sprint representatives described Sprint’s pending Petition for Reconsideration of various aspects of the Commission’s *Inter-Service Interference Order and Further Notice*.¹ In particular,

¹ Petition for Reconsideration of Sprint Corp., GN Docket No. 12-268, ET Docket Nos. 13-26, 14-14 (Jan. 22, 2015); *Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions*, GN Docket No. 12-268, ET Docket Nos. 13-26, 14-14, Second Report and Order and

Sprint explained how the Commission's decision to adopt an F(50,50) statistical measure to predict levels of interference (or 'impairment'), from remaining television stations into co-channel 600 MHz wireless uplink operations after the auction and repacking, introduces tremendous uncertainty into the forward auction process. Sprint demonstrated that the F(50,50) statistical measure severely underestimates the real-world levels of interference that wireless operators could experience, as compared to the more realistic F(50,10) measure of predicted interference. Sprint also demonstrated that utilization of the F(50,50) statistical measure would result in the inclusion of highly-impaired blocks within bidding categories that were intended to be comprised of generally substitutable, lightly-impaired blocks, thereby undermining any notion of generic blocks within bidding categories. Sprint handed out materials (attached herein) providing examples of this divergence.

Sprint explained, consistent with arguments made in its recent comments in a parallel proceeding, that this mis-measure of predicted interference to 600 MHz wireless licenses could seriously undermine the success of the Incentive Auction.² With uncertainty as to the extent of impairment of blocks within a desired bidding category (and thus uncertainty as to the relative substitutability of these purportedly 'generic' blocks), bidders could respond by reducing demand, bidding less aggressively, or dropping out prematurely for fear of getting stuck with a severely impaired block within a bidding category whose clock price reflects the value of blocks with lower predicted levels of impairment.³ This uncertainty and resultant impact on bidding increases the likelihood of extending the auction unnecessarily to lower and lower clearing stages, potentially resulting in *less* repurposed mobile broadband spectrum.

Sprint outlined a number of courses the Commission could take to address these risks. First, the Commission could utilize F(50,10) measures instead of F(50,50) measures in the context of its existing Incentive Auction framework, narrowing potential variability between blocks within a bidding category. Alternatively, the Commission could provide forward auction bidders with both F(50,50) and F(50,10) impairment information, or provide bidders with information about the television station that would cause the impairment so that bidders could calculate the F(50,10) impairment themselves. However, none of these solutions (and particularly the latter two) would fully resolve the significant underlying heterogeneity of the

Further Notice of Proposed Rulemaking, 29 FCC Rcd 13071 (2014) ("*Inter-Service Interference Order and Further Notice*" or "*ISIX R&O*").

² Comments of Sprint Corp., AU Docket No. 14-252, GN Docket No. 12-268, at 16-17 (Feb. 20, 2015).

³ As Sprint explained in the course of the presentation, because forward auction participants cannot reduce demand below supply, some bidder (or bidders) will inevitably get stuck with a severely impaired block (or blocks) whose *true* impairment (and thus diminution of value) is not sufficiently reflected by the clock price of its encompassing bidding category, even after the Commission's proposed impairment discount. This winner would thus not only receive spectrum with higher levels of impairments than predicted or desired; she will moreover pay more for the license that it is worth (and, depending on the level of actual impairment, potentially without recourse to any cost-effective mitigation techniques to utilize the spectrum).

blocks offered within the two proposed categories, which itself significantly undermines bidder confidence.⁴

Pursuant to Section 1.1206 of the Commission's rules, this letter is being electronically filed with your office. Please let me know if you have any questions regarding this filing.

Respectfully submitted,

/s/ Rafi Martina

Rafi Martina

Counsel

Legal and Government Affairs

Sprint Corporation

cc: (via e-mail)

Howard Symons
Alan Stillwell
Aspasia Paroutsas
AJ Glusman
Barbara Pavon
Sasha Javid
Mark J. Colombo
Melissa Dunford
Martin Doczkat

⁴ Sprint also discussed briefly its proposal, filed in its response to the Commission's *Comment Public Notice*, suggesting that the optimal method of resolving uncertainty as to the impairments associated with specific blocks – and any bidder uncertainty arising from overly-broad bidding category ranges – would be to adopt block-specific bidding, with F(50,10)-based information on predicted interference levels (and locations) for each auctioned block. *Id.* at 35-37.

Exhibit 1

Meeting Participants

Sprint Corporation

Lawrence R. Krevor, Vice President, Legal and Government Affairs – Spectrum

Richard B. Engelman, Director, Legal and Government Affairs

Rafi Martina, Counsel, Legal and Government Affairs

Harry Perlow, Technology Development Strategist, Technology Innovation & Architecture

Robert Gehman, Consulting Engineer, Kessler and Gehman Associates – Consultant to Sprint

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Incentive Auction Task Force

Howard Symons

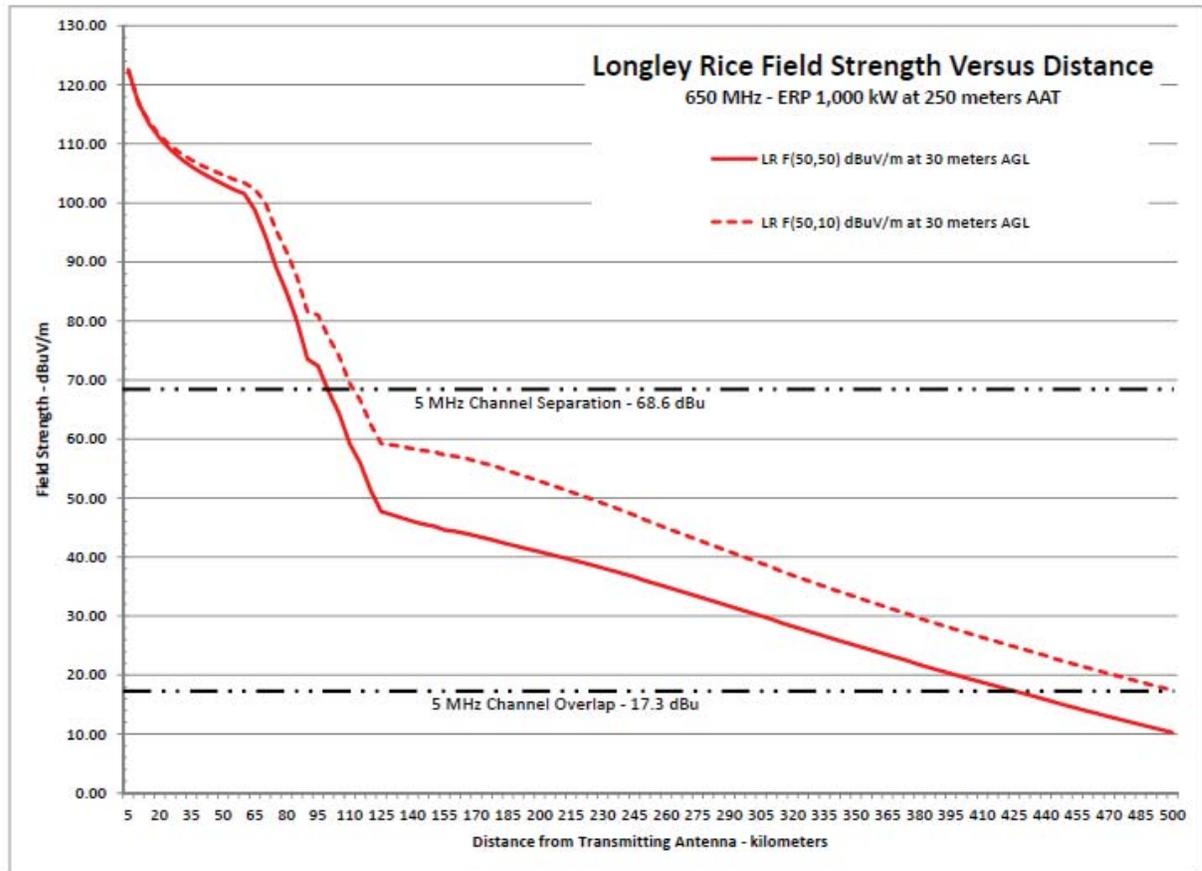
AJ Glusman

Sasha Javid

Melissa Dunford

Examples of Existing DTV Stations Showing Difference in Impairments Predicted to Co-channel 600 MHz Base Station Uplinks Using F(50,50) vs F(50,10) Statistical Measure

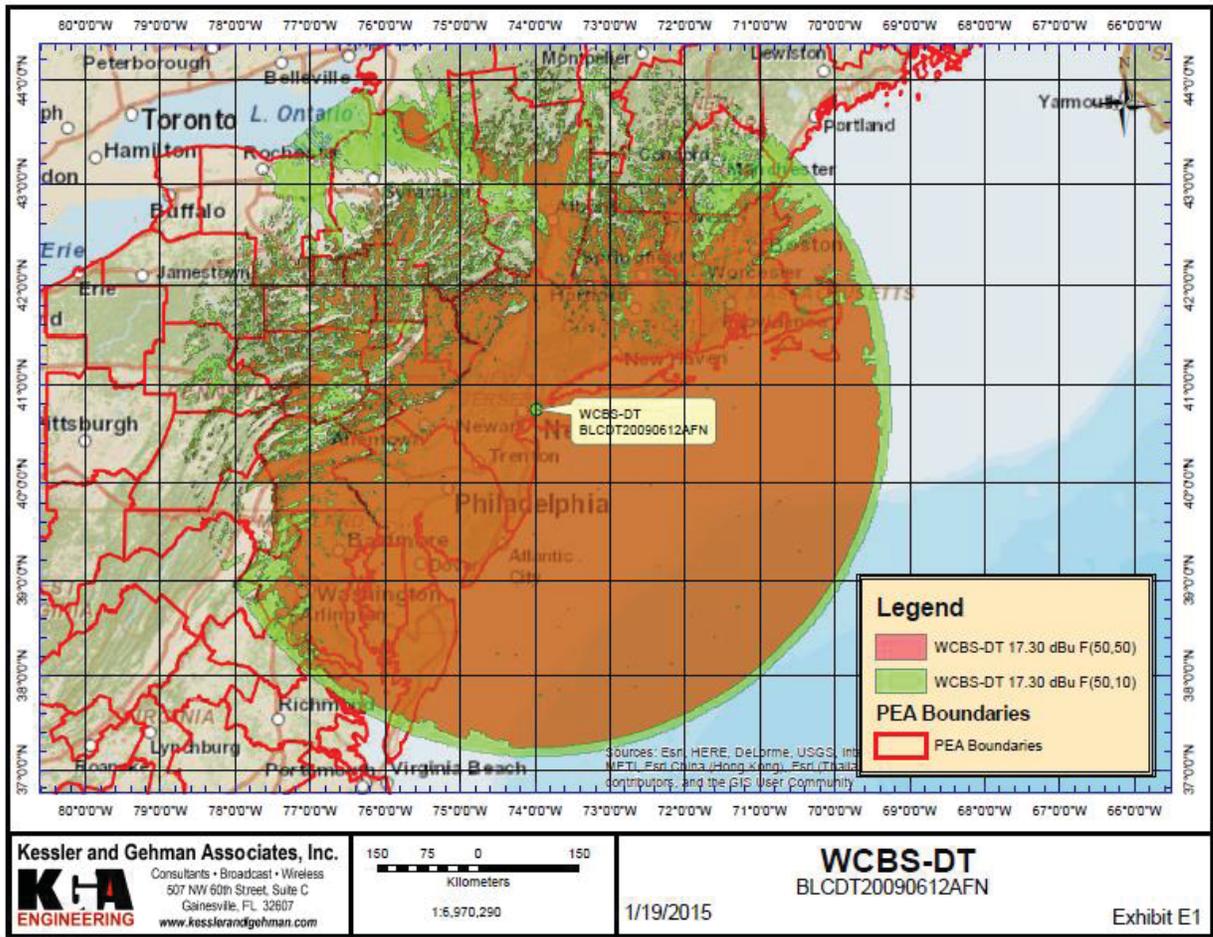
The difference between the predicted interference levels using F(50,50) vs F(50,10) can be significant, particularly as distances increase, as shown in the graph below, prepared for Sprint by telecommunications consulting engineering firm Kessler and Gehman Associates (“KGA”):



This graph shows the predicted field strength that would be received by a wireless base station antenna, located 30 meters above ground, from a typical 1 megawatt DTV station with an antenna height of 250 meters above average terrain operating on 650 MHz in the Miami, Florida area (where there is little terrain variation that would impact the results). While F(50,50) and F(50,10) statistical measures yield similar results at distances up to about 50 kilometers, at farther distances the predicted signal levels can differ by more than 10 dB.¹

¹ For example, the predicted DTV signal level at ~120 kilometers from the DTV station using F(50,50) is approximately 12 dB lower than the signal level that is predicted using F(50,10).

Example 1: WCBS-TV (Channel 33), New York, NY



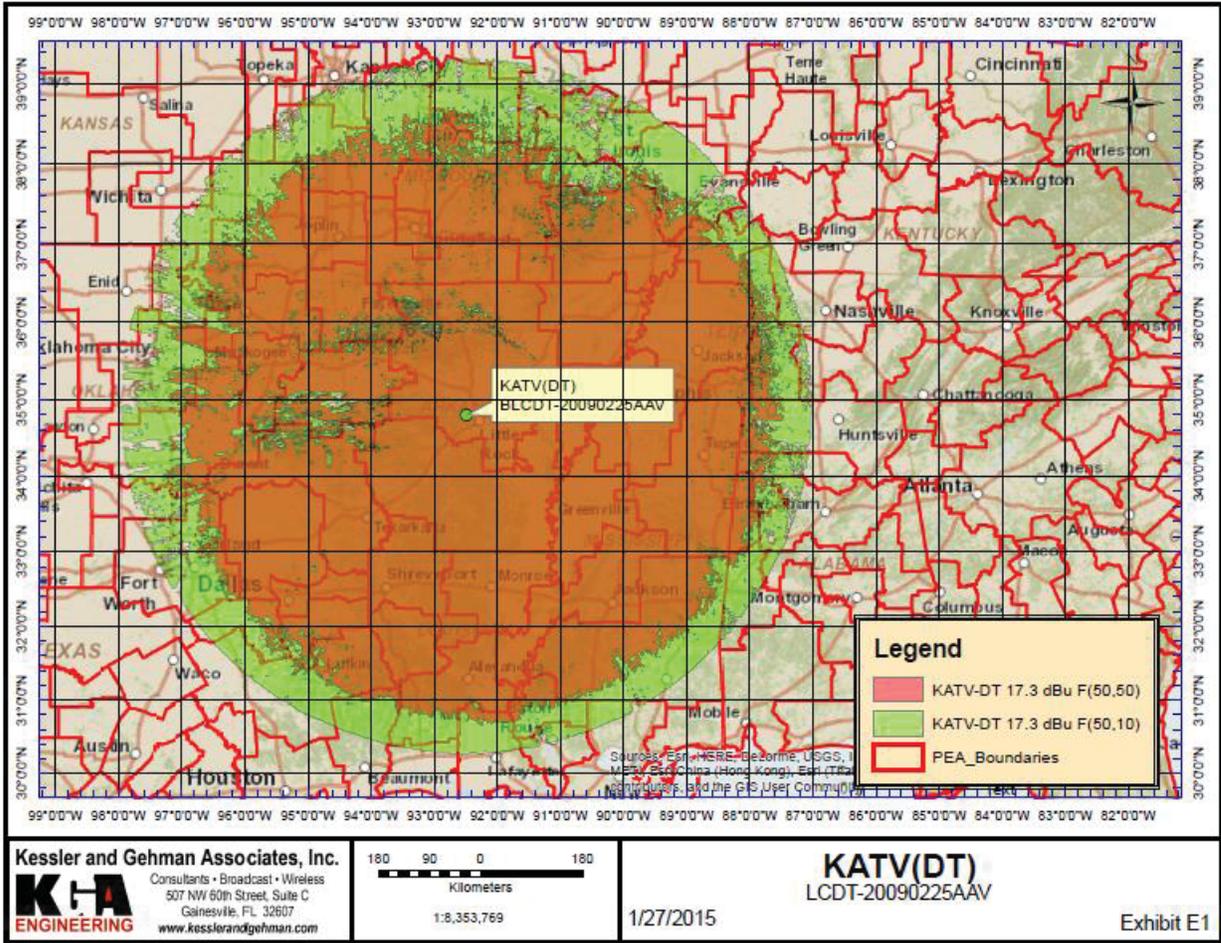
WCBS-TV, New York, NY			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
1	New York, NY	25,237,061	24,736,167	98.0%	24,358,291	96.5%	377,876	1.5%
5	Baltimore, MD- Washington, DC	7,842,134	7,819,907	99.7%	6,929,659	88.4%	890,248	11.4%
6	Philadelphia, PA	7,587,252	7,505,298	98.9%	7,406,199	97.6%	99,099	1.3%
7	Boston, MA	6,776,035	6,696,364	98.8%	5,974,790	88.2%	721,574	10.6%
41	Syracuse, NY	1,371,959	472,022	34.4%	43,018	3.1%	429,004	31.3%
44	Rochester, NY	1,316,146	331,139	25.2%	7,297	0.6%	323,842	24.6%
48	Harrisburg, PA	1,244,058	1,201,582	96.6%	1,080,835	86.9%	120,747	9.7%
49	Albany, NY	1,222,542	1,119,723	91.6%	913,027	74.7%	206,696	16.9%
57	Richmond, VA	1,080,661	30,133	2.8%	13,103	1.2%	17,030	1.6%
60	Manchester, NH	1,025,620	831,666	81.1%	135,983	13.3%	695,683	67.8%
69	Springfield, MA	861,286	772,866	89.7%	627,200	72.8%	145,666	16.9%
77	Portland, ME	784,594	60,201	7.7%	0	0.0%	60,201	7.7%
88	Frederick, MD	678,674	226,850	33.4%	131,069	19.3%	95,781	14.1%
103	Winchester, VA	556,408	88,726	15.9%	2,205	0.4%	86,521	15.5%
121	Altoona, PA	490,867	11,193	2.3%	1,324	0.3%	9,869	2.0%

WCBS-TV, New York, NY (cont.)			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
136	Williamsport, PA	454,792	312,186	68.6%	121,381	26.7%	190,805	42.0%
138	Burlington, VT	452,191	29,625	6.6%	1,495	0.3%	28,130	6.2%
140	Fredericksburg, VA	438,705	136,426	31.1%	19,984	4.6%	116,442	26.5%
143	Keene, NH	427,275	124,759	29.2%	37,996	8.9%	86,763	20.3%
147	Salisbury, MD	419,355	411,386	98.1%	404,466	96.4%	6,920	1.7%
188	Jamestown, NY	325,075	7,602	2.3%	958	0.3%	6,644	2.0%
194	State College, PA	317,863	59,897	18.8%	1,087	0.3%	58,810	18.5%
210	Binghamton, NY	295,081	127,769	43.3%	35,904	12.2%	91,865	31.1%
227	Watertown, NY	255,260	12,697	5.0%	1,527	0.6%	11,170	4.4%
271	Elmira, NY	193,433	77,632	40.1%	19,589	10.1%	58,043	30.0%
283	Plattsburgh, NY	173,097	607	0.4%	175	0.1%	432	0.2%
296	Pottsville, PA	148,289	121,050	81.6%	67,022	45.2%	54,028	36.4%
324	Honesdale, PA	110,191	105,620	95.9%	97,062	88.1%	8,558	7.8%
Total Population:		62,085,904	53,431,093		48,432,646		4,998,447	
Total % Impaired:				86.1%		78.0%		8.1%

Typically, when looking at the 2 km X 2 km base station grid within a PEA, F(50,10) yields 9-12 dB more impairment than F(50,50) calculations, although in some PEAs the difference is between 6 dB and 9 dB and in others it is between 12 dB and 15 dB.

WCBS-DT, New York, NY		F(50,50)	F(50,10)	F(50,10) - 6 dB	F(50,10) - 9 dB	F(50,10) - 12 dB	F(50,10) - 15 dB
PEA Number	PEA Name	Pop Within 17.3 dBuV/m					
1	New York, NY	24,358,291	24,736,167	24,568,424	24,455,299	24,284,215	24,059,827
5	Baltimore, MD-Washington, DC	6,929,659	7,819,907	7,560,087	6,865,043	5,588,774	3,806,411
6	Philadelphia, PA	7,406,199	7,505,298	7,466,547	7,443,996	7,417,595	7,349,694
7	Boston, MA	5,974,790	6,696,364	6,548,269	6,257,384	5,323,700	3,212,000
41	Syracuse, NY	43,018	472,022	129,700	68,193	36,332	17,864
44	Rochester, NY	7,297	331,139	32,993	8,897	3,152	515
48	Harrisburg, PA	1,080,835	1,201,582	1,161,972	1,114,502	1,063,191	959,092
49	Albany, NY	913,027	1,119,723	1,046,741	996,004	910,726	734,547
57	Richmond, VA	13,103	30,133	27,049	6,439	0	0
60	Manchester, NH	135,983	831,666	476,522	149,179	22,052	3,301
69	Springfield, MA	627,200	772,866	714,557	683,528	640,071	580,097
77	Portland, ME	0	60,201	14,972	0	0	0
88	Frederick, MD	131,069	226,850	201,058	142,913	69,954	16,982
103	Winchester, VA	2,205	88,726	30,697	309	20	0
121	Altoona, PA	1,324	11,193	4,196	1,790	18	0
136	Williamsport, PA	121,381	312,186	235,393	188,686	121,081	63,087
138	Burlington, VT	1,495	29,625	5,515	1,580	556	0
140	Fredericksburg, VA	19,984	136,426	93,581	4,834	0	0
143	Keene, NH	37,996	124,759	66,433	45,338	32,528	24,226
147	Salisbury, MD	404,466	411,386	411,367	401,892	387,070	363,977
188	Jamestown, NY	958	7,602	1,784	981	105	0
194	State College, PA	1,087	59,897	6,259	1,234	42	1
210	Binghamton, NY	35,904	127,769	76,392	54,715	38,722	24,249
227	Watertown, NY	1,527	12,697	2,647	1,562	1,086	0
271	Elmira, NY	19,589	77,632	39,084	25,785	18,890	11,752
283	Plattsburgh, NY	175	607	257	175	0	0
296	Pottsville, PA	67,022	121,050	99,854	85,086	71,267	48,290
324	Honesdale, PA	97,062	105,620	101,768	95,821	92,506	86,655
Total Population:		48,432,646	53,431,093	51,124,118	49,101,165	46,123,653	41,362,567

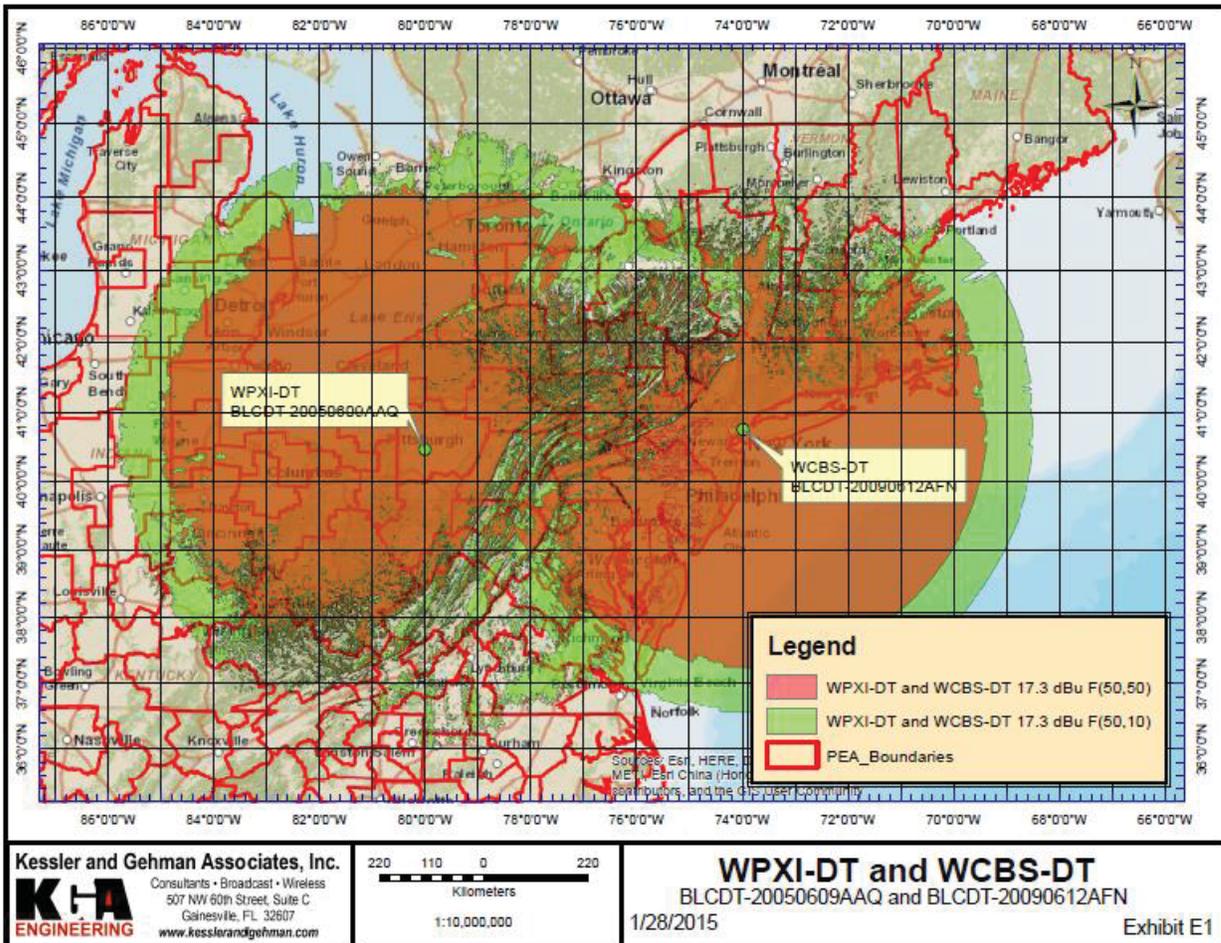
Example 2: KATV (Channel 22), Little Rock, AR



KATV, Little Rock, AR			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
8	Dallas, TX	6,452,472	5,067,455	78.5%	647,438	10.0%	4,420,017	68.5%
24	Saint Louis, MO	2,396,938	1,680,734	70.1%	10,175	0.4%	1,670,559	69.7%
30	Kansas City, MO	1,810,075	478,400	26.4%	9	0.0%	478,391	26.4%
32	Nashville, TN	1,748,445	95,257	5.4%	1	0.0%	95,256	5.4%
36	New Orleans, LA	1,622,143	55,108	3.4%	0	0.0%	55,108	3.4%
39	Oklahoma City, OK	1,446,527	706,027	48.8%	53,411	3.7%	652,616	45.1%
40	Birmingham, AL	1,399,686	198,069	14.2%	102	0.0%	197,967	14.1%
46	Little Rock, AR	1,275,690	1,271,522	99.7%	1,262,035	98.9%	9,487	0.7%
55	Huntsville, AL	1,105,409	232,105	21.0%	123,985	11.2%	108,120	9.8%
59	Memphis, TN	1,039,627	1,039,627	100.0%	1,039,627	100.0%	0	0.0%
63	Tulsa, OK	969,078	966,172	99.7%	931,780	96.2%	34,392	3.5%
79	Hattiesburg, MS	780,833	736,859	94.4%	423,175	54.2%	313,684	40.2%
82	Baton Rouge, LA	756,008	288,620	38.2%	0	0.0%	288,620	38.2%
90	Jackson, MS	646,279	646,287	100.0%	646,287	100.0%	0	0.0%
93	Lafayette, LA	638,768	169,068	26.5%	13,345	2.1%	155,723	24.4%
99	Tupelo, MS	599,462	599,446	100.0%	598,692	99.9%	754	0.1%

KATV, Little Rock, AR (cont.)			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
101	Wichita, KS	564,245	305	0.1%	0	0.0%	305	0.1%
110	Jackson, TN	533,539	533,350	100.0%	530,583	99.4%	2,767	0.5%
111	Fayetteville, AR	527,374	526,119	99.8%	498,939	94.6%	27,180	5.2%
120	Shreveport, LA	492,213	492,216	100.0%	492,216	100.0%	0	0.0%
125	Alton, IL	476,174	186,967	39.3%	3,345	0.7%	183,622	38.6%
133	Nacogdoches, TX	464,704	254,629	54.8%	173,454	37.3%	81,175	17.5%
135	Beaumont, TX	460,666	59,560	12.9%	3,761	0.8%	55,799	12.1%
139	Hot Springs, AR	443,880	443,968	100.0%	443,831	100.0%	137	0.0%
144	Paris, TX	423,195	423,193	100.0%	422,465	99.8%	728	0.2%
145	Columbia, TN	422,947	22,672	5.4%	0	0.0%	22,672	5.4%
150	Rolla, MO	405,037	404,330	99.8%	369,507	91.2%	34,823	8.6%
152	Tyler, TX	397,075	397,053	100.0%	397,018	100.0%	35	0.0%
161	Carbondale, IL	368,043	293,112	79.6%	42,939	11.7%	250,173	68.0%
171	Fort Smith, AR	356,101	349,451	98.1%	326,067	91.6%	23,384	6.6%
174	Springfield, MO	352,596	352,596	100.0%	352,532	100.0%	64	0.0%
175	Southaven, MS	349,748	349,748	100.0%	349,748	100.0%	0	0.0%
178	Sedalia, MO	346,580	309,448	89.3%	86,889	25.1%	222,559	64.2%
181	Texarkana, TX	343,206	342,401	99.8%	337,618	98.4%	4,783	1.4%
183	Columbia, MO	340,194	332,889	97.9%	29,722	8.7%	303,167	89.1%
184	Ruston, LA	338,416	338,416	100.0%	338,416	100.0%	0	0.0%
189	Alexandria, LA	324,637	324,689	100.0%	281,379	86.7%	43,310	13.3%
193	Saint Joseph, MO	318,414	641	0.2%	0	0.0%	641	0.2%
196	Cape Girardeau, MO	315,713	311,496	98.7%	292,174	92.5%	19,322	6.1%
198	Jonesboro, AR	311,312	311,312	100.0%	311,312	100.0%	0	0.0%
204	Owensboro, KY	301,206	7,486	2.5%	0	0.0%	7,486	2.5%
211	Ardmore, OK	291,829	232,130	79.5%	131,861	45.2%	100,269	34.4%
216	Joplin, MO	280,505	280,505	100.0%	280,367	100.0%	138	0.0%
232	Topeka, KS	245,402	7,374	3.0%	0	0.0%	7,374	3.0%
242	Lake Charles, LA	231,201	21,673	9.4%	0	0.0%	21,673	9.4%
243	Paducah, KY	230,924	228,727	99.0%	157,304	68.1%	71,423	30.9%
244	Manhattan, KS	230,920	273	0.1%	0	0.0%	273	0.1%
245	West Plains, MO	229,798	229,816	100.0%	225,522	98.1%	4,294	1.9%
255	Greenville, MS	214,872	214,872	100.0%	214,872	100.0%	0	0.0%
258	Cullman, AL	210,229	67,470	32.1%	31,356	14.9%	36,114	17.2%
275	Corsicana, TX	184,725	178,244	96.5%	59,168	32.0%	119,076	64.5%
277	Hutchinson, KS	183,101	30,197	16.5%	77	0.0%	30,120	16.4%
278	Bartlesville, OK	179,889	179,889	100.0%	126,994	70.6%	52,895	29.4%
281	Muskogee, OK	177,148	176,980	99.9%	172,213	97.2%	4,767	2.7%
293	Lawrenceburg, TN	158,283	148,521	93.8%	30,516	19.3%	118,005	74.6%
295	Stillwater, OK	152,050	95,932	63.1%	12,429	8.2%	83,503	54.9%
302	Enid, OK	143,731	355	0.2%	0	0.0%	355	0.2%
310	Farmington, MO	133,395	113,557	85.1%	25,160	18.9%	88,397	66.3%
314	Jacksonville, TX	127,971	125,959	98.4%	115,409	90.2%	10,550	8.2%
335	Natchitoches, LA	99,546	99,543	100.0%	99,543	100.0%	0	0.0%
337	Mineral Wells, TX	95,311	40,062	42.0%	752	0.8%	39,310	41.2%
344	Clanton, AL	82,318	6,197	7.5%	0	0.0%	6,197	7.5%
347	New Roads, LA	79,775	77,720	97.4%	19,927	25.0%	57,793	72.4%
350	Forrest City, AR	78,309	78,309	100.0%	78,309	100.0%	0	0.0%
367	Moberly, MO	66,156	19,841	30.0%	0	0.0%	19,841	30.0%
377	Demopolis, AL	57,694	29,870	51.8%	1,129	2.0%	28,741	49.8%
393	Macon, MO	36,158	55	0.2%	0	0.0%	55	0.2%
397	Aliceville, AL	34,310	34,262	99.9%	27,953	81.5%	6,309	18.4%
	Total Population:	38,900,205	24,317,136		13,644,838		10,672,298	
	Total % Impaired:			62.5%		35.1%		27.4%

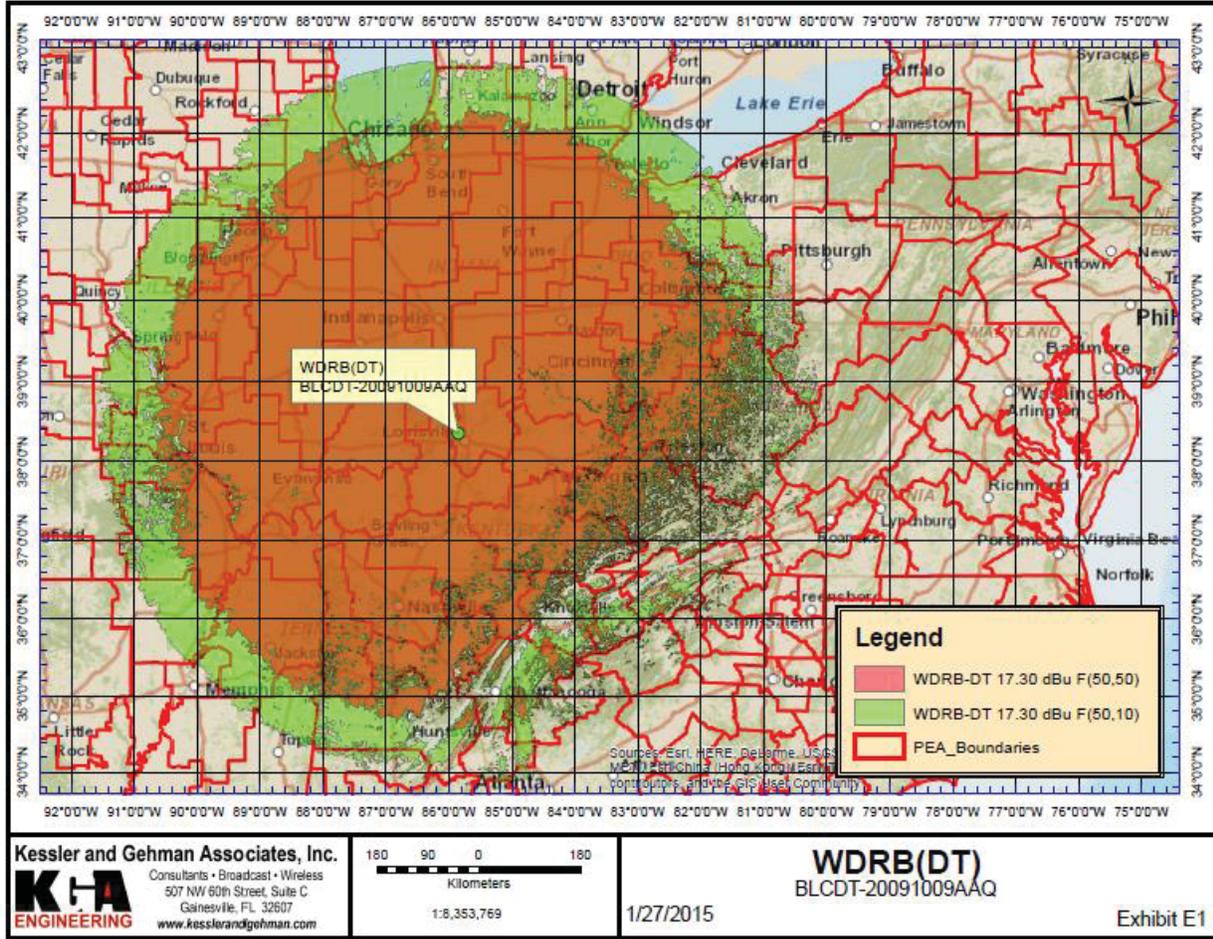
Example 3: WCBS-TV (Channel 33), New York, NY combined with WPXI (Channel 48), Pittsburg, PA on same channel



EA Numb	PEA Name	Total Popula	WCBS ONLY				WCBS AND WPXI combined on same Channel				Difference	
			F(50,10)		F(50,50)		F(50,10)		F(50,50)		Pop Within	%
			Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	17.3 dBuV/m	% Impaired
1	New York, NY	25,237,061	24,736,167	98.0%	24,358,291	96.5%	24,839,540	98.4%	24,427,419	96.8%	412,121	1.6%
5	Baltimore, MD-Wash	7,842,134	7,819,907	99.7%	6,929,659	88.4%	7,840,499	100.0%	7,388,993	94.2%	451,506	5.8%
6	Philadelphia, PA	7,587,252	7,505,298	98.9%	7,406,199	97.6%	7,583,662	100.0%	7,446,408	98.1%	137,254	1.8%
7	Boston, MA	6,776,035	6,696,364	98.8%	5,974,790	88.2%	6,697,154	98.8%	6,009,419	88.7%	687,735	10.1%
12	Detroit, MI	5,137,479					5,136,724	100.0%	4,621,012	89.9%	515,712	10.0%
14	Cleveland, OH	4,096,678					4,095,720	100.0%	4,089,191	99.8%	6,529	0.2%
23	Pittsburgh, PA	2,399,667					2,400,095	100.0%	2,400,095	100.0%	0	0.0%
25	Cincinnati, OH	2,196,428					1,989,071	90.6%	987,202	44.9%	1,001,869	45.6%
31	Indianapolis, IN	1,769,011					163,030	9.2%	0	0.0%	163,030	9.2%
33	Virginia Beach, VA	1,698,835					359,749	21.2%	0	0.0%	359,749	21.2%
37	Columbus, OH	1,582,917					1,582,986	100.0%	1,582,927	100.0%	59	0.0%
41	Syracuse, NY	1,371,959	472,022	34.4%	43,018	3.1%	633,622	46.2%	52,108	3.8%	581,514	42.4%
44	Rochester, NY	1,316,146	331,139	25.2%	7,297	0.6%	1,207,181	91.7%	695,766	52.9%	511,415	38.9%
45	Raleigh, NC	1,302,381					3,123	0.2%	0	0.0%	3,123	0.2%
48	Harrisburg, PA	1,244,058	1,201,582	96.6%	1,080,835	86.9%	1,238,279	99.5%	1,150,163	92.5%	88,116	7.1%
49	Albany, NY	1,222,542	1,119,723	91.6%	913,027	74.7%	1,118,254	91.5%	911,813	74.6%	206,441	16.9%
51	Louisville, KY	1,194,260					2,954	0.2%	0	0.0%	2,954	0.2%
52	Charleston, WV	1,191,822					984,218	82.6%	772,980	64.9%	211,238	17.7%
54	Buffalo, NY	1,135,509					1,130,719	99.6%	1,101,088	97.0%	29,631	2.6%
56	Kalamazoo, MI	1,095,827					198,684	18.1%	0	0.0%	198,684	18.1%
57	Richmond, VA	1,080,661	30,133	2.8%	13,103	1.2%	814,248	75.3%	66,212	6.1%	748,036	69.2%
60	Manchester, NH	1,025,620	831,666	81.1%	135,983	13.3%	834,723	81.4%	138,499	13.5%	696,224	67.9%
61	Toledo, OH	1,023,081					1,023,149	100.0%	1,022,656	100.0%	493	0.0%
62	Dayton, OH	1,019,932					1,019,877	100.0%	966,234	94.7%	53,643	5.3%
64	South Bend, IN	954,029					51,917	5.4%	0	0.0%	51,917	5.4%
66	Lansing, MI	922,885					921,114	99.8%	367,413	39.8%	553,701	60.0%

			WCBS ONLY (cont.)				WCBS AND WPXI combined on same Channel (cont.)					
			F(50,10)		F(50,50)		F(50,10)		F(50,50)	Difference		
69	Springfield, MA	861,286	772,866	89.7%	627,200	72.8%	771,654	89.6%	626,821	72.8%	144,833	16.8%
77	Portland, ME	784,594	60,201	7.7%	0	0.0%	165,382	21.1%	0	0.0%	165,382	21.1%
78	Greensboro, NC	781,289					90,860	11.6%	0	0.0%	90,860	11.6%
81	Saginaw, MI	767,362					434,861	56.7%	42,201	5.5%	392,660	51.2%
83	Fort Wayne, IN	748,680					716,314	95.7%	49,906	6.7%	666,408	89.0%
86	Frankfort, KY	685,317					529,224	77.2%	14,788	2.2%	514,436	75.1%
88	Frederick, MD	678,674	226,850	33.4%	131,069	19.3%	574,440	84.6%	380,646	56.1%	193,794	28.6%
95	Bluefield, WV	631,120					175,841	27.9%	51,734	8.2%	124,107	19.7%
96	Richmond, KY	620,049					50,699	8.2%	0	0.0%	50,699	8.2%
98	Johnson City, TN	609,299					129	0.0%	0	0.0%	129	0.0%
103	Winchester, VA	556,408	88,726	15.9%	2,205	0.4%	489,379	88.0%	243,135	43.7%	246,244	44.3%
106	Zanesville, OH	548,017					509,092	92.9%	471,589	86.1%	37,503	6.8%
109	Rocky Mount, NC	536,809					24,638	4.6%	0	0.0%	24,638	4.6%
113	Erie, PA	513,834					503,526	98.0%	457,114	89.0%	46,412	9.0%
114	Morgantown, WV	512,830					511,208	99.7%	503,336	98.1%	7,872	1.5%
118	Richmond, IN	496,850					188,342	37.9%	8,893	1.8%	179,449	36.1%
121	Altoona, PA	490,867	11,193	2.3%	1,324	0.3%	372,951	76.0%	239,221	48.7%	133,730	27.2%
123	Mansfield, OH	486,730					486,718	100.0%	485,852	99.8%	866	0.2%
134	Newark, OH	463,800					463,808	100.0%	454,647	98.0%	9,161	2.0%
136	Williamsport, PA	454,792	312,186	68.6%	121,381	26.7%	428,890	94.3%	289,467	63.6%	139,423	30.7%
138	Burlington, VT	452,191	29,625	6.6%	1,495	0.3%	36,220	8.0%	1,418	0.3%	34,802	7.7%
140	Fredericksburg, VA	438,705	136,426	31.1%	19,984	4.6%	417,479	95.2%	113,835	25.9%	303,644	69.2%
143	Keene, NH	427,275	124,759	29.2%	37,996	8.9%	123,174	28.8%	38,030	8.9%	85,144	19.9%
147	Salisbury, MD	419,355	411,386	98.1%	404,466	96.4%	419,347	100.0%	404,424	96.4%	14,923	3.6%
151	Winston-Salem, NC	398,071					14,153	3.6%	0	0.0%	14,153	3.6%
167	Harrisonburg, VA	360,886					253,696	70.3%	22,822	6.3%	230,874	64.0%
173	Blacksburg, VA	352,838					77,675	22.0%	4,916	1.4%	72,759	20.6%
188	Jamestown, NY	325,075	7,602	2.3%	958	0.3%	253,097	77.9%	154,754	47.6%	98,343	30.3%
191	Petersburg, VA	321,175					163,549	50.9%	631	0.2%	162,918	50.7%
194	State College, PA	317,863	59,897	18.8%	1,087	0.3%	308,211	97.0%	276,800	87.1%	31,411	9.9%
197	Wheeling, WV	312,837					312,450	99.9%	309,907	99.1%	2,543	0.8%
200	Danville, VA	310,385					36,020	11.6%	1	0.0%	36,019	11.6%
210	Binghamton, NY	295,081	127,769	43.3%	35,904	12.2%	160,373	54.3%	43,390	14.7%	116,983	39.6%
226	Lima, OH	256,337					256,337	100.0%	252,700	98.6%	3,637	1.4%
227	Watertown, NY	255,260	12,697	5.0%	1,527	0.6%	20,333	8.0%	1,523	0.6%	18,810	7.4%
228	Roanoke, VA	252,548					16,978	6.7%	321	0.1%	16,657	6.6%
240	Charlottesville, VA	234,712					39,578	16.9%	43	0.0%	39,535	16.8%
256	Lynchburg, VA	213,977					21,663	10.1%	30	0.0%	21,633	10.1%
266	Lenoir, NC	197,430					560	0.3%	0	0.0%	560	0.3%
271	Elmira, NY	193,433	77,632	40.1%	19,589	10.1%	110,902	57.3%	38,645	20.0%	72,257	37.4%
283	Plattsburgh, NY	173,097	607	0.4%	175	0.1%	797	0.5%	102	0.1%	695	0.4%
296	Pottsville, PA	148,289	121,050	81.6%	67,022	45.2%	138,626	93.5%	76,065	51.3%	62,561	42.2%
321	Batesville, IN	118,693					88,054	74.2%	16	0.0%	88,038	74.2%
324	Honesdale, PA	110,191	105,620	95.9%	97,062	88.1%	106,394	96.6%	97,113	88.1%	9,281	8.4%
333	Sidney, OH	102,382					102,395	100.0%	92,168	90.0%	10,227	10.0%
371	Wytheville, VA	62,965					11,269	17.9%	0	0.0%	11,269	17.9%
Total Population:		102,703,867	53,431,093		48,432,646		84,847,578		72,446,602		12,400,976	
Total % Impaired:				52.0%		47.2%		82.6%		70.5%		12.1%

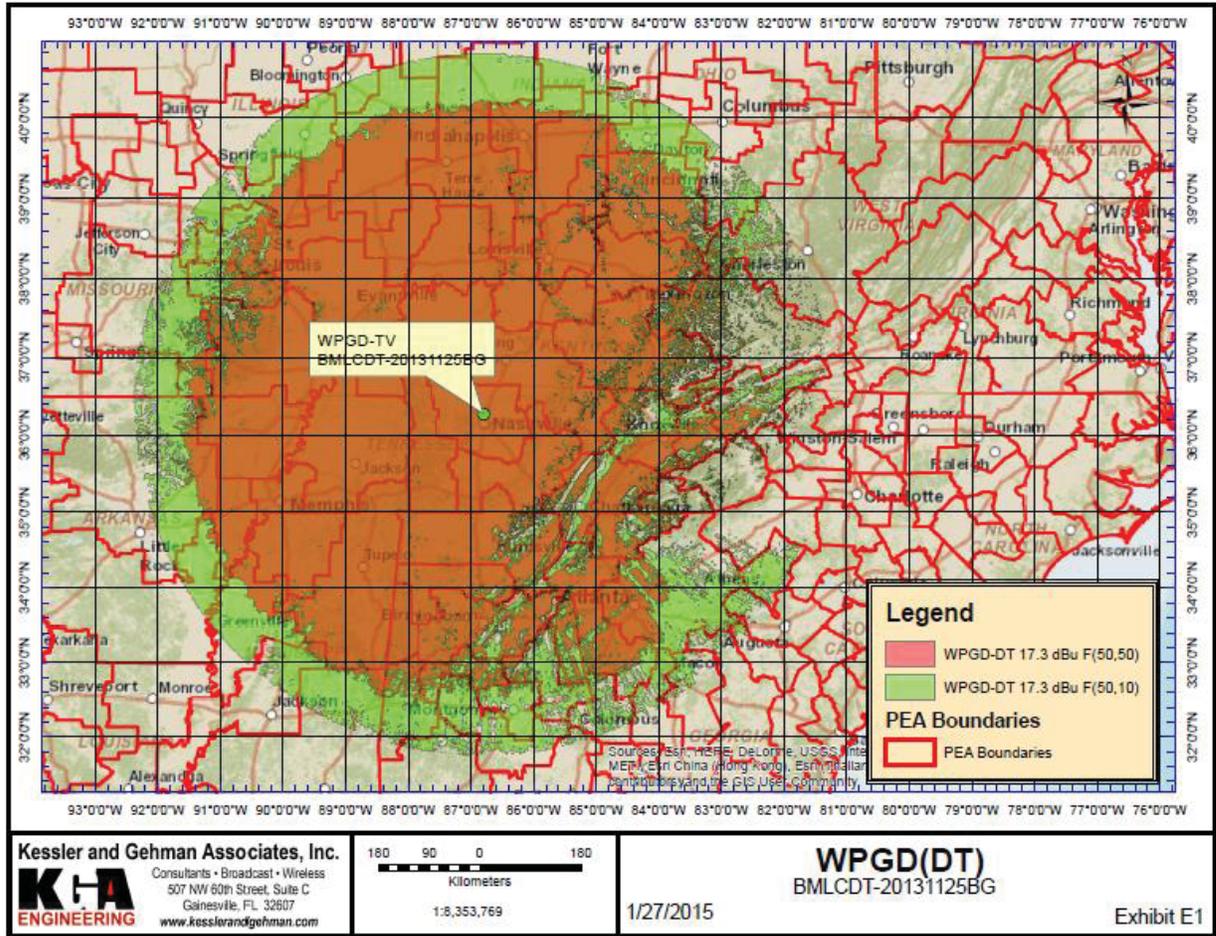
Example 4: WDRB (Channel 49), Louisville, KY



WDRB, Louisville, KY			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
3	Chicago, IL	9,366,713.0	9,303,693	99.3%	4,838,941	51.7%	4,464,752	47.7%
11	Atlanta, GA	5,435,312.0	58,804	1.1%	0	0.0%	58,804	1.1%
12	Detroit, MI	5,137,479.0	1,521,985	29.6%	0	0.0%	1,521,985	29.6%
14	Cleveland, OH	4,096,678.0	1,785,801	43.6%	21,866	0.5%	1,763,935	43.1%
23	Pittsburgh, PA	2,399,667.0	100	0.0%	0	0.0%	100	0.0%
24	Saint Louis, MO	2,396,938.0	2,369,570	98.9%	1,921,533	80.2%	448,037	18.7%
25	Cincinnati, OH	2,196,428.0	2,194,285	99.9%	2,164,387	98.5%	29,898	1.4%
31	Indianapolis, IN	1,769,011.0	1,769,133	100.0%	1,769,133	100.0%	0	0.0%
32	Nashville, TN	1,748,445.0	1,743,697	99.7%	1,720,004	98.4%	23,693	1.4%
37	Columbus, OH	1,582,917.0	1,582,541	100.0%	1,577,690	99.7%	4,851	0.3%
40	Birmingham, AL	1,399,686.0	86	0.0%	0	0.0%	86	0.0%
51	Louisville, KY	1,194,260.0	1,194,392	100.0%	1,194,392	100.0%	0	0.0%
52	Charleston, WV	1,191,822.0	807,394	67.7%	486,537	40.8%	320,857	26.9%
55	Huntsville, AL	1,105,409.0	783,245	70.9%	229,703	20.8%	553,542	50.1%
56	Kalamazoo, MI	1,095,827.0	618,692	56.5%	158,700	14.5%	459,992	42.0%
58	Bloomington, IN	1,069,729.0	1,069,784	100.0%	1,069,783	100.0%	1	0.0%
59	Memphis, TN	1,039,627.0	121,506	11.7%	0	0.0%	121,506	11.7%
61	Toledo, OH	1,023,081.0	1,023,149	100.0%	912,702	89.2%	110,447	10.8%
62	Dayton, OH	1,019,932.0	1,020,008	100.0%	1,020,008	100.0%	0	0.0%

WDRB, Louisville, KY (cont.)			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
64	South Bend, IN	954,029.0	954,060	100.0%	848,436	88.9%	105,624	11.1%
66	Lansing, MI	922,885.0	580,171	62.9%	118369	12.8%	461,802	50.0%
68	Grand Rapids, MI	866,423.0	22,075	2.5%	0	0.0%	22,075	2.5%
71	Knoxville, TN	837,142.0	518,074	61.9%	187,836	22.4%	330,238	39.4%
74	Chattanooga, TN	797,154.0	418,771	52.5%	96,607	12.1%	322,164	40.4%
83	Fort Wayne, IN	748,680.0	748,805	100.0%	748,765	100.0%	40	0.0%
86	Frankfort, KY	685,317.0	685,003	100.0%	680263	99.3%	4,740	0.7%
92	Decatur, IL	644,865.0	644,866	100.0%	644,866	100.0%	0	0.0%
95	Bluefield, WV	631,120.0	307,106	48.7%	184,290	29.2%	122,816	19.5%
96	Richmond, KY	620,049.0	539,802	87.1%	499,197	80.5%	40,605	6.5%
99	Tupelo, MS	599,462.0	152,557	25.4%	30,084	5.0%	122,473	20.4%
103	Winchester, VA	556408	75	0.0%	0	0.0%	75	0.0%
106	Zanesville, OH	548017	519905	94.9%	409541	74.7%	110,364	20.1%
110	Jackson, TN	533539	529670	99.3%	421033	78.9%	108,637	20.4%
112	Bowling Green, KY	526621	521328	99.0%	511235	97.1%	10,093	1.9%
114	Morgantown, WV	512830	16599	3.2%	0	0.0%	16,599	3.2%
115	Asheville, NC	512200	9997	2.0%	603	0.1%	9,394	1.8%
116	Rockford, IL	509762	726	0.1%	0	0.0%	726	0.1%
117	La Grange, GA	501771	693	0.1%	0	0.0%	693	0.1%
118	Richmond, IN	496850	496846	100.0%	496846	100.0%	0	0.0%
123	Mansfield, OH	486730	422539	86.8%	165144	33.9%	257,395	52.9%
125	Alton, IL	476174	455280	95.6%	341071	71.6%	114,209	24.0%
127	Evansville, IN	474251	474257	100.0%	474257	100.0%	0	0.0%
129	Springfield, IL	471823	411119	87.1%	357804	75.8%	53,315	11.3%
134	Newark, OH	463800	450907	97.2%	425525	91.7%	25,382	5.5%
145	Columbia, TN	422947	411302	97.2%	377155	89.2%	34,147	8.1%
150	Rolla, MO	405037	854	0.2%	0	0.0%	854	0.2%
161	Carbondale, IL	368043	367310	99.8%	364684	99.1%	2,626	0.7%
162	Elizabethtown, KY	364517	364453	100.0%	364450	100.0%	3	0.0%
163	Davenport, IA	363256	21944	6.0%	0	0.0%	21,944	6.0%
165	Rome, GA	362053	98521	27.2%	0	0.0%	98,521	27.2%
167	Harrisonburg, VA	360886	526	0.1%	39	0.0%	487	0.1%
168	Peoria, IL	360552	345901	95.9%	206752	57.3%	139,149	38.6%
173	Blacksburg, VA	352838	891	0.3%	0	0.0%	891	0.3%
175	Southaven, MS	349748	5227	1.5%	0	0.0%	5,227	1.5%
179	Burlington, IA	346354	2312	0.7%	0	0.0%	2,312	0.7%
196	Cape Girardeau, MO	315713	300498	95.2%	216496	68.6%	84,002	26.6%
197	Wheeling, WV	312837	69423	22.2%	932	0.3%	68,491	21.9%
198	Jonesboro, AR	311312	163442	52.5%	25520	8.2%	137,922	44.3%
199	Dalton, GA	310645	173251	55.8%	58967	19.0%	114,284	36.8%
204	Owensboro, KY	301206	301210	100.0%	301210	100.0%	0	0.0%
222	Morristown, TN	268978	191065	71.0%	39877	14.8%	151,188	56.2%
224	De Kalb, IL	257786	128032	49.7%	0	0.0%	128,032	49.7%
226	Lima, OH	256337	256337	100.0%	256337	100.0%	0	0.0%
243	Paducah, KY	230924	230938	100.0%	230886	100.0%	52	0.0%
258	Cullman, AL	210229	60647	28.8%	0	0.0%	60,647	28.8%
266	Lenoir, NC	197430	10230	5.2%	2052	1.0%	8,178	4.1%
270	Ottawa, IL	193858	186357	96.1%	42694	22.0%	143,663	74.1%
273	Bloomington, IL	186133	186133	100.0%	185566	99.7%	567	0.3%
282	Galesburg, IL	173607	164106	94.5%	33472	19.3%	130,634	75.2%
287	Kenosha, WI	166426	23868	14.3%	0	0.0%	23,868	14.3%
293	Lawrenceburg, TN	158283	156710	99.0%	150462	95.1%	6,248	3.9%
310	Farmington, MO	133395	124741	93.5%	59704	44.8%	65,037	48.8%
321	Batesville, IN	118693	118626	99.9%	118490	99.8%	136	0.1%
330	Olney, IL	102976	102976	100.0%	102976	100.0%	0	0.0%
333	Sidney, OH	102382	102395	100.0%	102395	100.0%	0	0.0%
346	Franklin, NC	80814	3808	4.7%	1401	1.7%	2,407	3.0%
349	Marion, NC	78393	444	0.6%	2	0.0%	442	0.6%
353	Watseka, IL	77440	77440	100.0%	77440	100.0%	0	0.0%
367	Moberly, MO	66156	454	0.7%	0	0.0%	454	0.7%
371	Wytheville, VA	62965	316	0.5%	16	0.0%	300	0.5%
385	Hannibal, MO	49159	1686	3.4%	0	0.0%	1,686	3.4%
Total Population:		70,427,171	43,603,470		30,047,126		13,556,344	
Total % Impaired:				61.9%		42.7%		19.2%

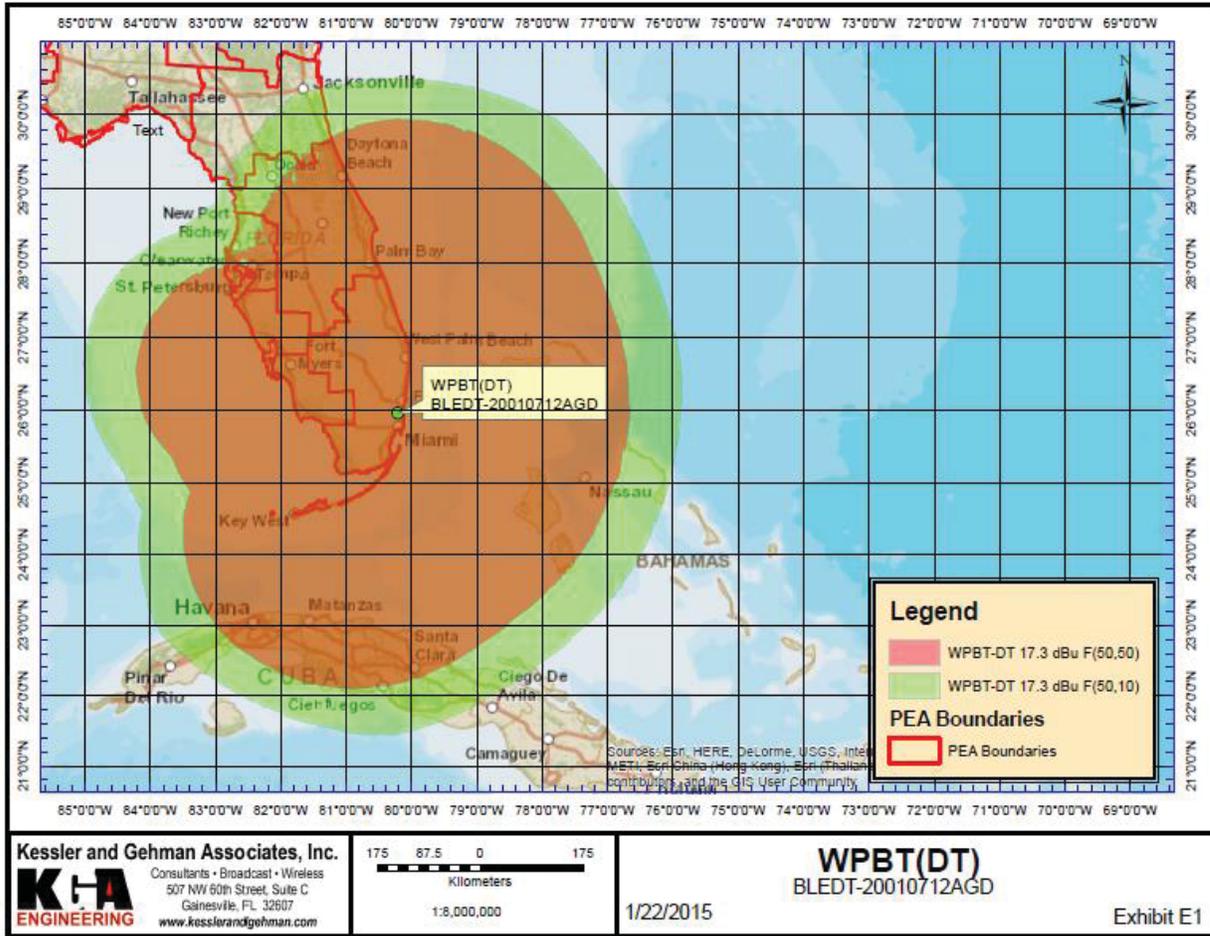
Example 5: WPGD-TV (Channel 33), Hendersonville, TN



WPGD-TV, Hendersonville, TN			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
11	Atlanta, GA	5,435,312.0	5,168,480	95.1%	3,693,940	68.0%	1,474,540	27.1%
24	Saint Louis, MO	2,396,938.0	2,379,072	99.3%	1,841,113	76.8%	537,959	22.4%
25	Cincinnati, OH	2,196,428.0	2,091,388	95.2%	1,677,582	76.4%	413,806	18.8%
31	Indianapolis, IN	1,769,011.0	1,769,133	100.0%	1,565,945	88.5%	203,188	11.5%
32	Nashville, TN	1,748,445.0	1,748,656	100.0%	1,748,656	100.0%	0	0.0%
37	Columbus, OH	1,582,917.0	26,445	1.7%	0	0.0%	26,445	1.7%
40	Birmingham, AL	1,399,686.0	1,274,333	91.0%	1,072,437	76.6%	201,896	14.4%
46	Little Rock, AR	1,275,690.0	259,423	20.3%	42,282	3.3%	217,141	17.0%
50	Greenville, SC	1,220,968.0	54,340	4.5%	0	0.0%	54,340	4.5%
51	Louisville, KY	1,194,260.0	1,188,428	99.5%	1,171,187	98.1%	17,241	1.4%
52	Charleston, WV	1,191,822.0	139,573	11.7%	7,722	0.6%	131,851	11.1%
55	Huntsville, AL	1,105,409.0	1,072,754	97.0%	947,600	85.7%	125,154	11.3%
58	Bloomington, IN	1,069,729.0	1,012,312	94.6%	602,959	56.4%	409,353	38.3%
59	Memphis, TN	1,039,627.0	1,039,627	100.0%	1,039,627	100.0%	0	0.0%
62	Dayton, OH	1,019,932.0	976,176	95.7%	56,718	5.6%	919,458	90.1%
71	Knoxville, TN	837,142.0	759,965	90.8%	631,281	75.4%	128,684	15.4%
74	Chattanooga, TN	797,154.0	646,423	81.1%	464,862	58.3%	181,561	22.8%
79	Hattiesburg, MS	780,833.0	175,668	22.5%	4,929	0.6%	170,739	21.9%
83	Fort Wayne, IN	748,680.0	105,364	14.1%	0	0.0%	105,364	14.1%

WPGD-TV, Hendersonville, TN (cont.)			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
84	Mobile, AL	724,956.0	15,267	2.1%	0	0.0%	15,267	2.1%
86	Frankfort, KY	685,317.0	678,690	99.0%	658307	96.1%	20,383	3.0%
90	Jackson, MS	646,279.0	42,393	6.6%	3,063	0.5%	39,330	6.1%
92	Decatur, IL	644,865.0	642,827	99.7%	357,438	55.4%	285,389	44.3%
95	Bluefield, WV	631,120.0	169,568	26.9%	75,299	11.9%	94,269	14.9%
96	Richmond, KY	620,049.0	537,330	86.7%	483,167	77.9%	54,163	8.7%
98	Johnson City, TN	609,299.0	429,450	70.5%	169580	27.8%	259,870	42.7%
99	Tupelo, MS	599,462.0	599,454	100.0%	592,320	98.8%	7,134	1.2%
105	Augusta, GA	552,150.0	11,045	2.0%	0	0.0%	11,045	2.0%
106	Zanesville, OH	548,017.0	90,343	16.5%	519	0.1%	89,824	16.4%
110	Jackson, TN	533,539.0	533,525	100.0%	533,525	100.0%	0	0.0%
112	Bowling Green, KY	526621	524130	99.5%	519793	98.7%	4,337	0.8%
115	Asheville, NC	512200	10861	2.1%	1207	0.2%	9,654	1.9%
117	La Grange, GA	501771	484554	96.6%	405742	80.9%	78,812	15.7%
118	Richmond, IN	496850	496499	99.9%	455571	91.7%	40,928	8.2%
125	Alton, IL	476174	437547	91.9%	294417	61.8%	143,130	30.1%
127	Evansville, IN	474251	474257	100.0%	474251	100.0%	6	0.0%
128	Macon, GA	472241	227458	48.2%	0	0.0%	227,458	48.2%
129	Springfield, IL	471823	354006	75.0%	58636	12.4%	295,370	62.6%
139	Hot Springs, AR	443880	32798	7.4%	1162	0.3%	31,636	7.1%
145	Columbia, TN	422947	422118	99.8%	419719	99.2%	2,399	0.6%
150	Rolla, MO	405037	107155	26.5%	9126	2.3%	98,029	24.2%
161	Carbondale, IL	368043	367997	100.0%	367452	99.8%	545	0.1%
162	Elizabethtown, KY	364517	364364	100.0%	361510	99.2%	2,854	0.8%
164	Montgomery, AL	363237	331027	91.1%	11054	3.0%	319,973	88.1%
165	Rome, GA	362053	353070	97.5%	263010	72.6%	90,060	24.9%
170	Dothan, AL	358396	431	0.1%	0	0.0%	431	0.1%
175	Southaven, MS	349748	349748	100.0%	349710	100.0%	38	0.0%
183	Columbia, MO	340194	561	0.2%	0	0.0%	561	0.2%
196	Cape Girardeau, MO	315713	312500	99.0%	302015	95.7%	10,485	3.3%
198	Jonesboro, AR	311312	311293	100.0%	310454	99.7%	839	0.3%
199	Dalton, GA	310645	281268	90.5%	205706	66.2%	75,562	24.3%
202	Columbus, GA	303722	173693	57.2%	3134	1.0%	170,559	56.2%
204	Owensboro, KY	301206	301210	100.0%	301195	100.0%	15	0.0%
222	Morristown, TN	268978	235814	87.7%	175832	65.4%	59,982	22.3%
226	Lima, OH	256337	7339	2.9%	0	0.0%	7,339	2.9%
241	Dublin, GA	233302	10323	4.4%	0	0.0%	10,323	4.4%
243	Paducah, KY	230924	230938	100.0%	230938	100.0%	0	0.0%
245	West Plains, MO	229798	43998	19.1%	484	0.2%	43,514	18.9%
246	Auburn, AL	228786	201649	88.1%	20419	8.9%	181,230	79.2%
255	Greenville, MS	214872	169093	78.7%	47936	22.3%	121,157	56.4%
258	Cullman, AL	210229	207380	98.6%	194208	92.4%	13,172	6.3%
266	Lenoir, NC	197430	3678	1.9%	563	0.3%	3,115	1.6%
273	Bloomington, IL	186133	34792	18.7%	0	0.0%	34,792	18.7%
282	Galesburg, IL	173607	50	0.0%	0	0.0%	50	0.0%
284	Greenwood, SC	171848	121192	70.5%	0	0.0%	121,192	70.5%
293	Lawrenceburg, TN	158283	158316	100.0%	158300	100.0%	16	0.0%
300	Selma, AL	144376	79989	55.4%	4976	3.4%	75,013	52.0%
308	Americus, GA	138886	37635	27.1%	0	0.0%	37,635	27.1%
310	Farmington, MO	133395	130040	97.5%	86093	64.5%	43,947	32.9%
321	Batesville, IN	118693	114293	96.3%	102043	86.0%	12,250	10.3%
330	Olney, IL	102976	102976	100.0%	102976	100.0%	0	0.0%
333	Sidney, OH	102382	51390	50.2%	411	0.4%	50,979	49.8%
344	Clanton, AL	82318	82035	99.7%	52432	63.7%	29,603	36.0%
345	Newberry, SC	81339	170	0.2%	0	0.0%	170	0.2%
346	Franklin, NC	80814	27116	33.6%	13823	17.1%	13,293	16.4%
349	Marion, NC	78393	1181	1.5%	388	0.5%	793	1.0%
350	Forrest City, AR	78309	78309	100.0%	77617	99.1%	692	0.9%
353	Watseka, IL	77440	9215	11.9%	0	0.0%	9,215	11.9%
371	Wytheville, VA	62965	40	0.1%	5	0.0%	35	0.1%
377	Demopolis, AL	57694	50837	88.1%	12482	21.6%	38,355	66.5%
378	Waynesboro, GA	57502	2227	3.9%	0	0.0%	2,227	3.9%
397	Aliceville, AL	34310	34310	100.0%	34293	100.0%	17	0.0%
Total Population:		49,049,936	34,582,322		25,873,141		8,709,181	
Total % Impaired:				70.5%		52.7%		17.8%

Example 6: WPBT (Channel 18), Miami, FL

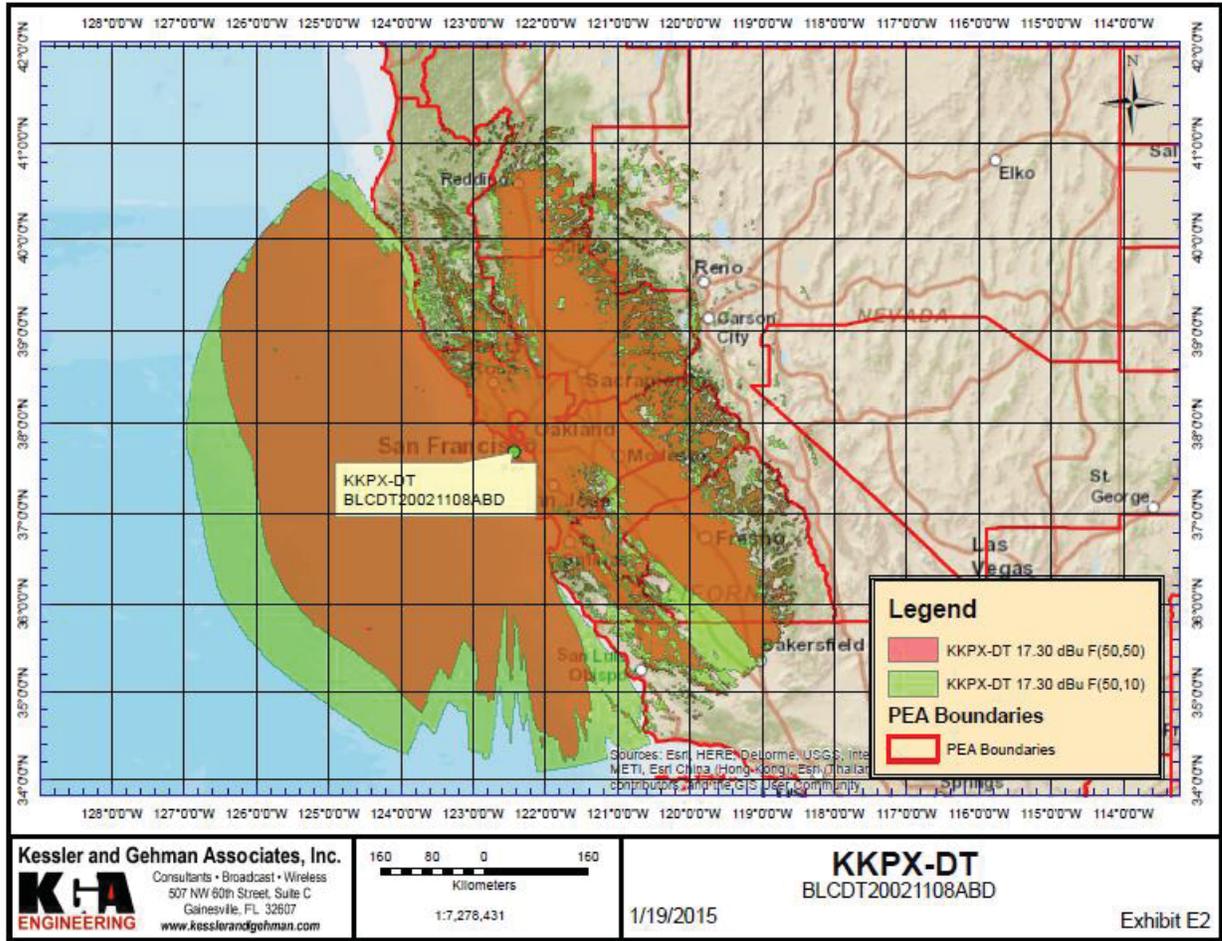


WPBT, Miami, FL			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
9	Miami, FL	6,291,880.0	6,281,404	99.8%	6,281,404	99.8%	0	0.0%
13	Orlando, FL	4,562,642.0	4,562,639	100.0%	4,158,303	91.1%	404,336	8.9%
21	Tampa, FL	2,783,243.0	2,778,620	99.8%	2,211,312	79.5%	567,308	20.4%
29	Jacksonville, FL	1,918,264.0	1,069,416	55.7%	11,494	0.6%	1,057,922	55.1%
65	Cape Coral, FL	940,274.0	939,299	99.9%	939,299	99.9%	0	0.0%
67	Sarasota, FL	897,121.0	896,986	100.0%	896,986	100.0%	0	0.0%
Total Population:		17,393,424.0	16,528,364		14,498,798		2,029,566	
Total % Impaired:				95.0%		83.4%		11.7%

Typically, when looking at the 2 km X 2 km base station grid within a PEA, F(50,10) yields 6-12 dB more impairment than F(50,50) calculations.

WPBT-DT, Miami, FL		F(50,50)	F(50,10)	F(50,10) - 6 dB	F(50,10) - 9 dB	F(50,10) - 12 dB
PEA Number	PEA Name	Pop Within 17.3 dBuV/m				
9	Miami, FL	6,281,404	6,281,404	6,281,404	6,281,404	6,281,404
13	Orlando, FL	4,158,303	4,562,639	4,393,391	4,134,440	3,846,615
21	Tampa, FL	2,211,312	2,778,620	2,748,323	2,270,026	995,552
29	Jacksonville, FL	11,494	1,069,416	96,427	6,948	0
65	Cape Coral, FL	939,299	939,299	939,299	939,299	939,299
67	Sarasota, FL	896,986	896,986	896,986	896,986	896,986
Total Population:		14,498,798	16,528,364	15,355,830	14,529,103	12,959,856

Example 7: KKPX-TV (Channel 41), San Jose, CA



KKPX-TV, San Jose, CA			F(50,10)		F(50,50)		Difference	
PEA Number	PEA Name	PEA Population	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired	Pop Within 17.3 dBuV/m	% Impaired
2	Los Angeles, CA	19,410,169	532,777	2.7%	184,355	0.9%	348,422	1.8%
4	San Francisco, CA	9,027,937	9,018,824	99.9%	8,970,090	99.4%	48,734	0.5%
22	Sacramento, CA	2,722,415	2,662,983	97.8%	2,634,182	96.8%	28,801	1.1%
34	Fresno, CA	1,676,476	1,642,799	98.0%	1,576,113	94.0%	66,686	4.0%
76	Reno, NV	786,501	17,554	2.2%	1,543	0.2%	16,011	2.0%
142	Merced, CA	430,256	420,426	97.7%	398,601	92.6%	21,825	5.1%
166	Redding, CA	361,652	229,726	63.5%	226,031	62.5%	3,695	1.0%
205	Douglas City, CA	300,915	132,243	43.9%	79,217	26.3%	53,026	17.6%
Total Population:		34,716,321	14,657,332		14,070,132		587,200	
Total % Impaired:				42.2%		40.5%		1.7%