

FMOver Analysis
W296CX VS WXPB-LP

07-04-2016

Terrain Data: USGS 03 SEC

WXPB-LP BNPL20131114AVM

W296CX - Proposed

Channel = 296L1
Max ERP = 0.039 kW
RCAMSL = 271 m
N. Lat. 33 56 27.6
W. Lng. 83 23 55.4
Protected
60 dBu

Channel = 296D
Max ERP = 0.075 kW
RCAMSL = 344 m
N. Lat. 33 59 49.4
W. Lng. 83 42 31.6
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
222.0	000.0390	0048.5	005.7	112.8	000.0433	0076.5	027.0	38.16	
223.0	000.0390	0046.1	005.5	112.4	000.0419	0076.7	026.9	38.06	
224.0	000.0390	0044.5	005.4	112.1	000.0409	0077.0	026.9	38.02	
225.0	000.0390	0043.4	005.4	111.9	000.0401	0077.3	026.8	38.01	
226.0	000.0390	0042.6	005.3	111.7	000.0394	0077.6	026.7	38.02	
227.0	000.0390	0042.8	005.3	111.7	000.0392	0077.7	026.6	38.07	
228.0	000.0390	0043.5	005.4	111.7	000.0393	0077.7	026.5	38.14	
229.0	000.0390	0044.7	005.4	111.7	000.0394	0077.6	026.4	38.23	
230.0	000.0390	0044.7	005.4	111.6	000.0391	0077.8	026.3	38.26	
231.0	000.0390	0043.9	005.4	111.4	000.0384	0078.1	026.3	38.27	
232.0	000.0390	0043.2	005.3	111.3	000.0377	0078.5	026.2	38.27	
233.0	000.0390	0042.8	005.3	111.1	000.0372	0078.8	026.2	38.29	
234.0	000.0390	0042.6	005.3	111.0	000.0367	0079.1	026.1	38.31	
235.0	000.0390	0042.9	005.3	110.9	000.0365	0079.2	026.0	38.36	
236.0	000.0390	0043.1	005.3	110.8	000.0361	0079.4	025.9	38.40	
237.0	000.0390	0043.4	005.4	110.7	000.0359	0079.6	025.8	38.44	
238.0	000.0390	0043.8	005.4	110.6	000.0356	0079.7	025.7	38.49	
239.0	000.0390	0043.8	005.4	110.5	000.0352	0079.9	025.7	38.51	
240.0	000.0390	0043.7	005.4	110.4	000.0347	0080.1	025.6	38.52	
241.0	000.0390	0042.5	005.3	110.1	000.0338	0080.5	025.6	38.45	
242.0	000.0390	0041.6	005.2	109.9	000.0332	0080.8	025.5	38.44	
243.0	000.0390	0041.7	005.2	109.7	000.0330	0081.0	025.5	38.48	
244.0	000.0390	0042.1	005.3	109.6	000.0328	0081.1	025.4	38.53	
245.0	000.0390	0041.9	005.3	109.5	000.0325	0081.3	025.3	38.55	
246.0	000.0390	0041.3	005.2	109.2	000.0321	0081.6	025.3	38.56	
247.0	000.0390	0040.8	005.2	109.0	000.0318	0081.9	025.3	38.57	
248.0	000.0390	0041.0	005.2	108.9	000.0315	0082.1	025.2	38.61	
249.0	000.0390	0042.1	005.3	108.9	000.0315	0082.2	025.1	38.69	
250.0	000.0390	0043.4	005.4	108.8	000.0314	0082.3	025.0	38.78	
251.0	000.0390	0043.5	005.4	108.7	000.0311	0082.5	024.9	38.82	
252.0	000.0390	0043.1	005.3	108.5	000.0308	0082.9	024.8	38.84	

253.0	000.0390	0043.1	005.3	108.3	000.0305	0083.3	024.8	38.88
254.0	000.0390	0042.8	005.3	108.1	000.0302	0083.7	024.8	38.90
255.0	000.0390	0042.4	005.3	107.9	000.0298	0084.2	024.7	38.92
256.0	000.0390	0041.6	005.2	107.6	000.0294	0084.8	024.7	38.93
257.0	000.0390	0040.5	005.2	107.3	000.0289	0085.5	024.7	38.93
258.0	000.0390	0039.6	005.1	107.1	000.0285	0086.3	024.8	38.94
259.0	000.0390	0038.7	005.0	106.8	000.0281	0087.1	024.8	38.95
260.0	000.0390	0038.6	005.0	106.7	000.0278	0087.7	024.7	39.00
261.0	000.0390	0039.1	005.1	106.5	000.0276	0088.1	024.7	39.06
262.0	000.0390	0041.5	005.2	106.5	000.0276	0088.2	024.5	39.20
263.0	000.0390	0043.5	005.4	106.4	000.0275	0088.4	024.3	39.32
264.0	000.0390	0041.8	005.2	106.1	000.0270	0089.4	024.4	39.30
265.0	000.0390	0039.2	005.1	105.8	000.0265	0090.4	024.5	39.22
266.0	000.0390	0037.0	004.9	105.4	000.0260	0091.2	024.6	39.14
267.0	000.0390	0034.9	004.8	105.1	000.0255	0091.7	024.7	39.04
268.0	000.0390	0032.9	004.6	104.9	000.0251	0092.2	024.9	38.93
269.0	000.0390	0030.8	004.5	104.6	000.0247	0092.6	025.0	38.80
270.0	000.0390	0030.0	004.4	104.4	000.0244	0092.9	025.0	38.75
271.0	000.0390	0031.0	004.5	104.2	000.0241	0093.0	024.9	38.79
272.0	000.0390	0034.1	004.7	104.2	000.0240	0093.0	024.7	38.94
273.0	000.0390	0036.9	004.9	104.1	000.0239	0093.1	024.5	39.08
274.0	000.0390	0039.4	005.1	104.0	000.0237	0093.1	024.3	39.19
275.0	000.0390	0040.8	005.2	103.8	000.0235	0093.1	024.2	39.22
276.0	000.0390	0041.5	005.2	103.6	000.0232	0093.1	024.1	39.20
277.0	000.0390	0042.7	005.3	103.4	000.0229	0093.1	024.0	39.21
278.0	000.0390	0045.4	005.5	103.2	000.0226	0093.0	023.9	39.28
279.0	000.0390	0048.0	005.6	103.0	000.0223	0092.8	023.7	39.33
280.0	000.0390	0049.8	005.8	102.8	000.0220	0092.7	023.6	39.34
281.0	000.0390	0051.8	005.9	102.6	000.0217	0092.7	023.4	39.36
282.0	000.0390	0054.0	006.0	102.3	000.0213	0092.7	023.3	39.39
283.0	000.0390	0055.4	006.1	102.0	000.0210	0092.8	023.3	39.38
284.0	000.0390	0056.2	006.1	101.8	000.0206	0093.0	023.2	39.35
285.0	000.0390	0056.3	006.1	101.5	000.0203	0093.1	023.2	39.29
286.0	000.0390	0055.7	006.1	101.3	000.0199	0093.3	023.3	39.20
287.0	000.0390	0056.5	006.1	101.0	000.0196	0093.6	023.2	39.19
288.0	000.0390	0057.6	006.2	100.7	000.0192	0094.2	023.2	39.19
289.0	000.0390	0062.4	006.4	100.4	000.0187	0094.9	023.0	39.31
290.0	000.0390	0068.1	006.7	100.0	000.0182	0095.6	022.7	39.45
291.0	000.0390	0070.5	006.8	099.6	000.0182	0096.0	022.6	39.57
292.0	000.0390	0072.0	006.9	099.3	000.0182	0096.4	022.6	39.63
293.0	000.0390	0070.2	006.8	099.0	000.0182	0096.6	022.7	39.57
294.0	000.0390	0066.1	006.6	098.9	000.0182	0096.8	022.9	39.42
295.0	000.0390	0063.1	006.4	098.7	000.0182	0097.0	023.1	39.32
296.0	000.0390	0060.0	006.3	098.5	000.0182	0097.1	023.2	39.20
297.0	000.0390	0058.0	006.2	098.4	000.0182	0097.3	023.4	39.12
298.0	000.0390	0058.9	006.2	098.1	000.0182	0097.5	023.4	39.15
299.0	000.0390	0060.5	006.3	097.8	000.0182	0097.8	023.3	39.21
300.0	000.0390	0061.5	006.4	097.5	000.0183	0098.1	023.3	39.24
301.0	000.0390	0060.9	006.3	097.2	000.0183	0098.3	023.4	39.22
302.0	000.0390	0058.1	006.2	097.1	000.0183	0098.4	023.6	39.11
303.0	000.0390	0054.4	006.0	097.1	000.0183	0098.5	023.8	38.95
304.0	000.0390	0052.3	005.9	097.0	000.0183	0098.6	023.9	38.85
305.0	000.0390	0049.3	005.7	097.0	000.0183	0098.6	024.1	38.71
306.0	000.0390	0046.3	005.5	097.0	000.0183	0098.6	024.3	38.56
307.0	000.0390	0044.6	005.4	096.9	000.0183	0098.7	024.5	38.47
308.0	000.0390	0044.4	005.4	096.7	000.0183	0099.0	024.5	38.45
309.0	000.0390	0044.3	005.4	096.5	000.0183	0099.2	024.6	38.43
310.0	000.0390	0043.0	005.3	096.5	000.0183	0099.3	024.7	38.35
311.0	000.0390	0040.7	005.2	096.5	000.0183	0099.2	024.9	38.22
312.0	000.0390	0039.9	005.1	096.4	000.0183	0099.4	025.0	38.17

313.0	000.0390	0039.3	005.1	096.3	000.0183	0099.5	025.1	38.12
314.0	000.0390	0038.8	005.0	096.2	000.0183	0099.7	025.2	38.08
315.0	000.0390	0037.8	005.0	096.1	000.0183	0099.8	025.3	38.01
316.0	000.0390	0036.4	004.9	096.1	000.0183	0099.8	025.4	37.92
317.0	000.0390	0036.5	004.9	095.9	000.0183	0100.1	025.5	37.91
318.0	000.0390	0037.0	004.9	095.7	000.0183	0100.3	025.5	37.92
319.0	000.0390	0038.4	005.0	095.5	000.0183	0100.7	025.5	37.97
320.0	000.0390	0038.6	005.0	095.3	000.0183	0100.9	025.5	37.95
321.0	000.0390	0038.4	005.0	095.2	000.0183	0101.0	025.6	37.91
322.0	000.0390	0037.0	004.9	095.2	000.0183	0101.0	025.7	37.81
323.0	000.0390	0037.0	004.9	095.1	000.0183	0101.1	025.8	37.78
324.0	000.0390	0037.8	005.0	094.8	000.0183	0101.2	025.8	37.77
325.0	000.0390	0037.4	004.9	094.8	000.0183	0101.3	025.9	37.72
326.0	000.0390	0036.2	004.9	094.8	000.0183	0101.2	026.0	37.64
327.0	000.0390	0036.9	004.9	094.6	000.0183	0101.3	026.1	37.61
328.0	000.0390	0037.4	004.9	094.4	000.0183	0101.3	026.1	37.58
329.0	000.0390	0038.1	005.0	094.2	000.0183	0101.2	026.1	37.55
330.0	000.0390	0040.6	005.2	093.8	000.0183	0101.0	026.1	37.55
331.0	000.0390	0042.8	005.3	093.4	000.0183	0101.2	026.1	37.57
332.0	000.0390	0044.2	005.4	093.1	000.0183	0101.7	026.1	37.59
333.0	000.0390	0045.0	005.5	092.9	000.0183	0102.1	026.2	37.60
334.0	000.0390	0044.9	005.5	092.8	000.0183	0102.4	026.3	37.57
335.0	000.0390	0044.7	005.4	092.8	000.0183	0102.6	026.4	37.53
336.0	000.0390	0046.7	005.6	092.4	000.0183	0103.5	026.4	37.59
337.0	000.0390	0050.9	005.8	091.8	000.0184	0104.1	026.4	37.67
338.0	000.0390	0053.8	006.0	091.4	000.0184	0104.1	026.4	37.65
339.0	000.0390	0054.3	006.0	091.3	000.0184	0104.0	026.5	37.58
340.0	000.0390	0053.2	005.9	091.3	000.0184	0104.0	026.6	37.50
341.0	000.0390	0051.5	005.8	091.4	000.0184	0104.1	026.7	37.42

At no point on the WXPB-LP protected 60 dBu contour does this proposal place a signal level of more than 40 dBu interfering.