

FMOver Analysis

08-27-2014

Terrain Data: USGS 03 SEC

W260BG BPFT20120906AAR (CP)

W260CG (Proposed)

Channel = 260D
Max ERP = 0.25 kW
RCAMSL = 489 M
N. Lat. 35 55 02.0
W. Lng. 80 17 38.0
Protected
60 dBu

Channel = 260D
Max ERP = 0.25 kW
RCAMSL = 317 M
N. Lat. 35 45 50.0
W. Lng. 79 50 04.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
052.0	000.2500	0241.9	020.3	319.5	000.0127	0105.3	038.9	29.69	
053.0	000.2500	0242.4	020.4	319.5	000.0127	0105.3	038.6	29.85	
054.0	000.2500	0242.8	020.4	319.5	000.0127	0105.3	038.2	30.01	
055.0	000.2500	0242.6	020.4	319.4	000.0127	0105.4	037.9	30.17	
056.0	000.2500	0242.2	020.4	319.3	000.0127	0105.5	037.5	30.34	
057.0	000.2500	0241.9	020.3	319.2	000.0127	0105.6	037.1	30.51	
058.0	000.2500	0242.0	020.4	319.2	000.0127	0105.8	036.8	30.68	
059.0	000.2500	0242.1	020.4	319.1	000.0127	0105.9	036.4	30.85	
060.0	000.2500	0241.6	020.3	318.9	000.0127	0106.0	036.1	31.03	
061.0	000.2500	0240.7	020.3	318.8	000.0128	0106.2	035.8	31.20	
062.0	000.2500	0239.6	020.3	318.6	000.0128	0106.4	035.4	31.37	
063.0	000.2500	0238.4	020.2	318.4	000.0128	0106.6	035.1	31.55	
064.0	000.2500	0237.7	020.2	318.2	000.0128	0106.7	034.8	31.72	
065.0	000.2500	0238.7	020.2	318.1	000.0128	0106.8	034.4	31.89	
066.0	000.2500	0241.2	020.3	318.0	000.0128	0106.8	034.1	32.07	
067.0	000.2500	0242.2	020.4	317.9	000.0128	0106.9	033.7	32.24	
068.0	000.2500	0242.4	020.4	317.7	000.0128	0107.0	033.4	32.42	
069.0	000.2500	0242.7	020.4	317.5	000.0129	0107.1	033.0	32.59	
070.0	000.2500	0242.9	020.4	317.3	000.0129	0107.2	032.7	32.76	
071.0	000.2500	0242.9	020.4	317.0	000.0129	0107.2	032.4	32.93	
072.0	000.2500	0242.4	020.4	316.7	000.0129	0107.3	032.1	33.10	
073.0	000.2500	0241.8	020.3	316.4	000.0129	0107.4	031.8	33.27	
074.0	000.2500	0241.0	020.3	316.1	000.0130	0107.5	031.5	33.44	
075.0	000.2500	0240.7	020.3	315.7	000.0130	0107.6	031.2	33.61	
076.0	000.2500	0240.9	020.3	315.4	000.0130	0107.7	030.8	33.79	
077.0	000.2500	0241.3	020.3	315.1	000.0130	0107.8	030.5	33.98	
078.0	000.2500	0241.7	020.3	314.8	000.0131	0107.9	030.2	34.16	
079.0	000.2500	0242.9	020.4	314.5	000.0131	0108.0	029.9	34.36	
080.0	000.2500	0243.4	020.4	314.1	000.0131	0108.1	029.6	34.55	
081.0	000.2500	0243.5	020.4	313.7	000.0132	0108.3	029.3	34.74	
082.0	000.2500	0243.9	020.4	313.3	000.0132	0108.5	029.0	34.94	
083.0	000.2500	0244.5	020.5	312.9	000.0132	0108.8	028.7	35.15	
084.0	000.2500	0245.1	020.5	312.4	000.0133	0109.1	028.5	35.36	
085.0	000.2500	0245.6	020.5	312.0	000.0133	0109.6	028.2	35.58	
086.0	000.2500	0246.3	020.5	311.5	000.0133	0110.0	027.9	35.80	
087.0	000.2500	0246.3	020.5	311.0	000.0134	0110.5	027.7	36.01	
088.0	000.2500	0246.2	020.5	310.4	000.0134	0110.9	027.4	36.21	

089.0	000.2500	0245.8	020.5	309.8	000.0135	0111.5	027.2	36.41
090.0	000.2500	0245.4	020.5	309.2	000.0135	0112.3	027.0	36.64
091.0	000.2500	0244.9	020.5	308.6	000.0136	0113.3	026.8	36.87
092.0	000.2500	0244.7	020.5	308.0	000.0137	0114.4	026.6	37.11
093.0	000.2500	0244.8	020.5	307.3	000.0137	0115.6	026.4	37.36
094.0	000.2500	0245.1	020.5	306.7	000.0138	0117.1	026.2	37.63
095.0	000.2500	0245.4	020.5	306.1	000.0139	0118.9	026.0	37.91
096.0	000.2500	0245.7	020.5	305.4	000.0139	0120.4	025.8	38.17
097.0	000.2500	0245.7	020.5	304.7	000.0140	0121.9	025.6	38.41
098.0	000.2500	0245.9	020.5	304.0	000.0141	0122.2	025.4	38.57
099.0	000.2500	0246.3	020.5	303.2	000.0142	0121.1	025.3	38.62
100.0	000.2500	0246.5	020.5	302.5	000.0143	0119.4	025.1	38.64
101.0	000.2500	0247.1	020.6	301.8	000.0143	0118.6	025.0	38.71
102.0	000.2500	0246.8	020.5	301.0	000.0144	0118.9	024.9	38.84
103.0	000.2500	0246.2	020.5	300.2	000.0145	0119.9	024.8	38.99
104.0	000.2500	0245.2	020.5	299.3	000.0145	0121.3	024.7	39.12
105.0	000.2500	0244.5	020.5	298.5	000.0144	0123.5	024.7	39.30
106.0	000.2500	0244.0	020.4	297.7	000.0144	0124.7	024.6	39.41
107.0	000.2500	0242.9	020.4	296.9	000.0144	0126.3	024.6	39.52
108.0	000.2500	0242.6	020.4	296.0	000.0143	0127.9	024.5	39.64
109.0	000.2500	0242.5	020.4	295.2	000.0143	0128.9	024.5	39.72
110.0	000.2500	0243.0	020.4	294.4	000.0143	0128.8	024.5	39.74
111.0	000.2500	0244.2	020.4	293.6	000.0142	0128.5	024.4	39.75
112.0	000.2500	0246.0	020.5	292.7	000.0142	0128.7	024.3	39.81
113.0	000.2500	0247.1	020.6	291.9	000.0141	0128.7	024.3	39.83
114.0	000.2500	0247.5	020.6	291.0	000.0141	0128.5	024.3	39.80
115.0	000.2500	0247.9	020.6	290.2	000.0141	0127.8	024.3	39.74
116.0	000.2500	0248.6	020.6	289.3	000.0141	0126.4	024.3	39.67
117.0	000.2500	0249.0	020.6	288.5	000.0143	0126.1	024.3	39.66
118.0	000.2500	0249.8	020.7	287.6	000.0144	0125.0	024.4	39.61
119.0	000.2500	0250.5	020.7	286.8	000.0145	0123.8	024.4	39.53
120.0	000.2500	0251.0	020.7	285.9	000.0147	0122.4	024.5	39.43
121.0	000.2500	0251.9	020.8	285.1	000.0148	0121.8	024.5	39.39
122.0	000.2500	0253.6	020.8	284.2	000.0149	0121.8	024.6	39.40
123.0	000.2500	0255.4	020.9	283.4	000.0151	0121.9	024.6	39.40
124.0	000.2500	0256.5	020.9	282.6	000.0152	0122.2	024.7	39.40
125.0	000.2500	0257.0	020.9	281.8	000.0153	0122.8	024.8	39.39
126.0	000.2500	0257.7	021.0	281.0	000.0155	0123.2	025.0	39.36
127.0	000.2500	0259.7	021.1	280.1	000.0156	0123.5	025.1	39.35
128.0	000.2500	0261.3	021.1	279.3	000.0158	0124.2	025.2	39.36
129.0	000.2500	0262.4	021.2	278.5	000.0159	0124.8	025.3	39.33
130.0	000.2500	0263.1	021.2	277.8	000.0160	0124.8	025.5	39.25
131.0	000.2500	0262.4	021.2	277.1	000.0162	0124.8	025.7	39.13
132.0	000.2500	0261.6	021.1	276.5	000.0163	0125.0	026.0	39.02
133.0	000.2500	0260.5	021.1	275.9	000.0164	0125.4	026.2	38.90
134.0	000.2500	0258.0	021.0	275.4	000.0165	0125.6	026.5	38.73
135.0	000.2500	0256.0	020.9	274.9	000.0166	0126.2	026.8	38.61
136.0	000.2500	0255.6	020.9	274.3	000.0167	0127.1	027.1	38.53
137.0	000.2500	0255.9	020.9	273.8	000.0168	0127.9	027.3	38.45
138.0	000.2500	0256.1	020.9	273.2	000.0169	0128.4	027.6	38.35
139.0	000.2500	0256.6	020.9	272.7	000.0170	0128.5	027.8	38.23
140.0	000.2500	0256.5	020.9	272.1	000.0171	0128.5	028.1	38.08
141.0	000.2500	0256.7	020.9	271.6	000.0172	0127.9	028.3	37.90
142.0	000.2500	0257.8	021.0	271.1	000.0173	0127.0	028.6	37.71
143.0	000.2500	0258.5	021.0	270.6	000.0174	0126.4	028.9	37.53
144.0	000.2500	0259.7	021.1	270.1	000.0175	0125.6	029.1	37.34
145.0	000.2500	0260.6	021.1	269.6	000.0187	0124.3	029.4	37.37
146.0	000.2500	0261.3	021.1	269.2	000.0202	0123.1	029.7	37.45
147.0	000.2500	0261.3	021.1	268.8	000.0214	0122.1	030.0	37.47
148.0	000.2500	0260.9	021.1	268.5	000.0226	0121.2	030.4	37.46

149.0	000.2500	0259.3	021.0	268.2	000.0234	0120.6	030.7	37.39
150.0	000.2500	0258.4	021.0	268.0	000.0244	0120.4	031.0	37.36
151.0	000.2500	0258.3	021.0	267.7	000.0255	0120.5	031.4	37.39
152.0	000.2500	0257.9	021.0	267.4	000.0265	0120.7	031.7	37.40
153.0	000.2500	0256.3	020.9	267.2	000.0272	0120.9	032.1	37.34
154.0	000.2500	0254.9	020.9	267.1	000.0279	0121.0	032.4	37.27
155.0	000.2500	0254.0	020.8	266.9	000.0286	0121.1	032.8	37.22
156.0	000.2500	0253.7	020.8	266.7	000.0294	0121.0	033.1	37.16
157.0	000.2500	0253.9	020.8	266.5	000.0303	0120.6	033.5	37.11
158.0	000.2500	0253.6	020.8	266.3	000.0311	0120.3	033.8	37.02
159.0	000.2500	0253.2	020.8	266.1	000.0317	0119.9	034.2	36.92
160.0	000.2500	0253.4	020.8	265.9	000.0325	0119.6	034.5	36.83
161.0	000.2162	0253.7	020.1	266.9	000.0285	0121.1	035.1	36.11
162.0	000.1849	0253.4	019.3	268.0	000.0244	0120.4	035.6	35.13
163.0	000.1560	0252.6	018.5	269.1	000.0203	0123.0	036.1	34.24
164.0	000.1296	0252.2	017.6	270.3	000.0175	0126.0	036.7	33.51
165.0	000.1056	0251.8	016.6	271.6	000.0172	0127.9	037.2	33.31
166.0	000.0841	0251.9	015.6	273.0	000.0170	0128.5	037.8	33.02
167.0	000.0650	0252.1	014.6	274.3	000.0167	0127.2	038.3	32.62
168.0	000.0484	0252.2	013.6	275.6	000.0165	0125.5	038.9	32.21
169.0	000.0342	0252.4	012.5	277.0	000.0162	0124.8	039.4	31.85
170.0	000.0225	0254.8	011.4	278.5	000.0159	0124.8	040.0	31.53
171.0	000.0200	0257.2	011.1	278.8	000.0159	0124.7	040.2	31.39
