

FM Over Analysis  
W260BG (CP) VS W260CG  
Asheboro, NC

07-30-2015

Terrain Data: USGS 03 SEC

W260BG BMPFT20141229AGC

W260CG

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 = 367 M  
N. Lat. 35 43 33.8  
W. Lng. 79 49 45.4  
Interfering  
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
057.0	000.2500	0241.9	020.3	322.6	000.0266	0169.5	040.7	35.85	
058.0	000.2500	0242.0	020.4	322.6	000.0265	0169.6	040.3	36.00	
059.0	000.2500	0242.1	020.4	322.5	000.0264	0169.7	040.0	36.15	
060.0	000.2500	0241.6	020.3	322.4	000.0262	0169.8	039.6	36.29	
061.0	000.2500	0240.7	020.3	322.3	000.0259	0169.9	039.3	36.42	
062.0	000.2500	0239.6	020.3	322.2	000.0256	0170.1	039.0	36.54	
063.0	000.2500	0238.4	020.2	322.0	000.0253	0170.2	038.6	36.64	
064.0	000.2500	0237.7	020.2	321.8	000.0249	0170.3	038.3	36.76	
065.0	000.2500	0238.7	020.2	321.8	000.0248	0170.4	037.9	36.91	
066.0	000.2500	0241.2	020.3	321.8	000.0249	0170.4	037.6	37.10	
067.0	000.2500	0242.2	020.4	321.7	000.0247	0170.4	037.2	37.25	
068.0	000.2500	0242.4	020.4	321.6	000.0244	0170.5	036.9	37.38	
069.0	000.2500	0242.7	020.4	321.4	000.0241	0170.6	036.5	37.50	
070.0	000.2500	0242.9	020.4	321.3	000.0238	0170.7	036.2	37.61	
071.0	000.2500	0242.9	020.4	321.1	000.0234	0170.7	035.8	37.71	
072.0	000.2500	0242.4	020.4	320.8	000.0229	0170.7	035.5	37.79	
073.0	000.2500	0241.8	020.3	320.6	000.0224	0170.7	035.2	37.85	
074.0	000.2500	0241.0	020.3	320.3	000.0218	0170.6	034.9	37.89	
075.0	000.2500	0240.7	020.3	320.1	000.0213	0170.5	034.6	37.94	
076.0	000.2500	0240.9	020.3	319.8	000.0210	0170.4	034.3	38.04	
077.0	000.2500	0241.3	020.3	319.6	000.0207	0170.4	033.9	38.15	
078.0	000.2500	0241.7	020.3	319.3	000.0205	0170.2	033.6	38.25	
079.0	000.2500	0242.9	020.4	319.1	000.0202	0170.0	033.3	38.37	
080.0	000.2500	0243.4	020.4	318.8	000.0200	0169.7	033.0	38.46	
081.0	000.2500	0243.5	020.4	318.5	000.0197	0169.3	032.7	38.54	
082.0	000.2500	0243.9	020.4	318.1	000.0194	0168.8	032.4	38.62	
083.0	000.2500	0244.5	020.5	317.8	000.0191	0168.5	032.1	38.70	
084.0	000.2500	0245.1	020.5	317.5	000.0188	0168.4	031.7	38.78	
085.0	000.2500	0245.6	020.5	317.1	000.0185	0168.5	031.5	38.86	
086.0	000.2500	0246.3	020.5	316.7	000.0181	0168.7	031.2	38.95	
087.0	000.2500	0246.3	020.5	316.3	000.0177	0168.9	030.9	39.02	
088.0	000.2500	0246.2	020.5	315.9	000.0173	0169.2	030.6	39.08	
089.0	000.2500	0245.8	020.5	315.4	000.0168	0169.2	030.4	39.12	
090.0	000.2500	0245.4	020.5	314.9	000.0164	0169.1	030.1	39.14	
091.0	000.2500	0244.9	020.5	314.4	000.0160	0169.0	029.9	39.16	
092.0	000.2500	0244.7	020.5	313.8	000.0156	0169.0	029.7	39.19	
093.0	000.2500	0244.8	020.5	313.3	000.0152	0168.8	029.4	39.19	

094.0	000.2500	0245.1	020.5	312.8	000.0147	0169.1	029.2	39.22
095.0	000.2500	0245.4	020.5	312.3	000.0143	0169.8	029.0	39.26
096.0	000.2500	0245.7	020.5	311.7	000.0138	0171.0	028.7	39.33
097.0	000.2500	0245.7	020.5	311.1	000.0134	0172.5	028.5	39.40
098.0	000.2500	0245.9	020.5	310.5	000.0129	0173.2	028.3	39.41
099.0	000.2500	0246.3	020.5	309.9	000.0125	0173.4	028.1	39.41
100.0	000.2500	0246.5	020.5	309.3	000.0125	0173.5	028.0	39.54
101.0	000.2500	0247.1	020.6	308.7	000.0125	0173.6	027.8	39.65
102.0	000.2500	0246.8	020.5	308.0	000.0124	0173.8	027.6	39.73
103.0	000.2500	0246.2	020.5	307.3	000.0124	0173.8	027.5	39.79
104.0	000.2500	0245.2	020.5	306.6	000.0123	0173.7	027.4	39.84
105.0	000.2500	0244.5	020.5	305.8	000.0123	0173.8	027.3	39.91
106.0	000.2500	0244.0	020.4	305.1	000.0123	0173.4	027.2	39.96
107.0	000.2500	0242.9	020.4	304.4	000.0123	0171.6	027.1	39.89
108.0	000.2500	0242.6	020.4	303.6	000.0122	0170.2	027.0	39.84
109.0	000.2500	0242.5	020.4	302.9	000.0121	0168.3	027.0	39.77
110.0	000.2500	0243.0	020.4	302.2	000.0121	0165.9	026.9	39.70
111.0	000.2500	0244.2	020.4	301.5	000.0121	0163.8	026.7	39.66
112.0	000.2500	0246.0	020.5	300.7	000.0121	0162.3	026.6	39.65
113.0	000.2500	0247.1	020.6	300.0	000.0120	0161.0	026.5	39.60
114.0	000.2500	0247.5	020.6	299.2	000.0118	0159.4	026.5	39.48
115.0	000.2500	0247.9	020.6	298.4	000.0116	0157.0	026.4	39.30
116.0	000.2500	0248.6	020.6	297.6	000.0115	0156.0	026.4	39.20
117.0	000.2500	0249.0	020.6	296.9	000.0113	0157.4	026.4	39.24
118.0	000.2500	0249.8	020.7	296.1	000.0111	0160.7	026.4	39.39
119.0	000.2500	0250.5	020.7	295.3	000.0109	0164.5	026.3	39.52
120.0	000.2500	0251.0	020.7	294.5	000.0107	0168.7	026.4	39.66
121.0	000.2500	0251.9	020.8	293.7	000.0105	0172.5	026.4	39.80
122.0	000.2500	0253.6	020.8	292.9	000.0104	0175.6	026.4	39.89
123.0	000.2500	0255.4	020.9	292.1	000.0102	0177.3	026.4	39.91
124.0	000.2500	0256.5	020.9	291.3	000.0101	0178.7	026.4	39.88
125.0	000.2500	0257.0	020.9	290.5	000.0099	0179.3	026.5	39.80
126.0	000.2500	0257.7	021.0	289.7	000.0099	0179.0	026.5	39.72
127.0	000.2500	0259.7	021.1	288.9	000.0101	0178.0	026.6	39.75
128.0	000.2500	0261.3	021.1	288.1	000.0103	0173.8	026.6	39.57
129.0	000.2500	0262.4	021.2	287.4	000.0105	0170.7	026.7	39.43
130.0	000.2500	0263.1	021.2	286.6	000.0107	0170.2	026.8	39.41
131.0	000.2500	0262.4	021.2	285.9	000.0108	0171.1	027.0	39.40
132.0	000.2500	0261.6	021.1	285.2	000.0111	0174.3	027.2	39.52
133.0	000.2500	0260.5	021.1	284.6	000.0113	0178.4	027.4	39.66
134.0	000.2500	0258.0	021.0	284.0	000.0114	0182.1	027.7	39.72
135.0	000.2500	0256.0	020.9	283.5	000.0116	0184.8	027.9	39.73
136.0	000.2500	0255.6	020.9	282.9	000.0117	0186.5	028.2	39.72
137.0	000.2500	0255.9	020.9	282.2	000.0119	0188.2	028.4	39.74
138.0	000.2500	0256.1	020.9	281.6	000.0121	0190.2	028.6	39.76
139.0	000.2500	0256.6	020.9	281.0	000.0122	0191.7	028.8	39.74
140.0	000.2500	0256.5	020.9	280.5	000.0124	0193.0	029.0	39.71
141.0	000.2500	0256.7	020.9	279.9	000.0126	0193.8	029.2	39.69
142.0	000.2500	0257.8	021.0	279.3	000.0131	0194.4	029.5	39.74
143.0	000.2500	0258.5	021.0	278.8	000.0135	0194.9	029.7	39.76
144.0	000.2500	0259.7	021.1	278.2	000.0140	0195.5	029.9	39.80
145.0	000.2500	0260.6	021.1	277.7	000.0145	0196.0	030.2	39.82
146.0	000.2500	0261.3	021.1	277.2	000.0150	0196.8	030.4	39.85
147.0	000.2500	0261.3	021.1	276.7	000.0154	0197.8	030.7	39.85
148.0	000.2500	0260.9	021.1	276.3	000.0157	0198.8	031.0	39.82
149.0	000.2500	0259.3	021.0	276.0	000.0160	0199.5	031.3	39.74
150.0	000.2500	0258.4	021.0	275.7	000.0163	0200.4	031.6	39.69
151.0	000.2500	0258.3	021.0	275.3	000.0166	0201.6	032.0	39.67
152.0	000.2500	0257.9	021.0	275.0	000.0169	0202.7	032.3	39.62
153.0	000.2500	0256.3	020.9	274.7	000.0172	0203.6	032.6	39.54

154.0	000.2500	0254.9	020.9	274.5	000.0174	0204.2	033.0	39.45
155.0	000.2500	0254.0	020.8	274.2	000.0176	0204.8	033.3	39.36
156.0	000.2500	0253.7	020.8	273.9	000.0179	0205.3	033.6	39.27
157.0	000.2500	0253.9	020.8	273.6	000.0182	0205.8	033.9	39.20
158.0	000.2500	0253.6	020.8	273.4	000.0184	0206.2	034.3	39.10
159.0	000.2500	0253.2	020.8	273.2	000.0186	0206.5	034.6	38.99
160.0	000.2500	0253.4	020.8	272.9	000.0189	0206.7	034.9	38.90
161.0	000.2209	0253.7	020.2	273.6	000.0182	0205.8	035.5	38.41
162.0	000.1936	0253.4	019.5	274.4	000.0175	0204.4	036.1	37.88
163.0	000.1681	0252.6	018.8	275.2	000.0167	0201.9	036.7	37.29
164.0	000.1444	0252.2	018.1	276.1	000.0159	0199.3	037.2	36.68
165.0	000.1225	0251.8	017.3	277.0	000.0151	0197.1	037.8	36.07
166.0	000.1024	0251.9	016.5	278.0	000.0142	0195.7	038.4	35.44
167.0	000.0841	0252.1	015.6	279.0	000.0133	0194.7	039.0	34.85
168.0	000.0676	0252.2	014.8	280.0	000.0125	0193.7	039.5	34.27
169.0	000.0529	0252.4	013.9	281.1	000.0122	0191.6	040.1	33.79
170.0	000.0400	0254.8	013.1	282.1	000.0120	0188.8	040.6	33.33
171.0	000.0376	0257.2	013.0	282.1	000.0120	0188.6	040.9	33.20
172.0	000.0353	0259.2	012.8	282.2	000.0119	0188.4	041.1	33.06
173.0	000.0331	0260.5	012.6	282.3	000.0119	0188.0	041.4	32.91
174.0	000.0310	0261.4	012.5	282.4	000.0118	0187.6	041.7	32.75
175.0	000.0289	0262.1	012.3	282.6	000.0118	0187.2	041.9	32.60
176.0	000.0269	0262.7	012.1	282.8	000.0117	0186.8	042.2	32.44
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At no point on the protected W260BG contour does W260CG deliver more than 40 dBu interfering.