

FMOver Analysis

WPTI VS W251BZ on Channel 235

07-26-2016
WPTI BLH20150227ABY

Terrain Data: FCC 30 meter
W251BZ on Ch 235

Channel = 233C1
Max ERP = 100 kW
RCAMSL = 519 m
N. Lat. 36 20 42.0
W. Lng. 79 54 24.0
Protected
60 dBu

Channel = 235D
Max ERP = 0.25 kW
RCAMSL = 378 m
N. Lat. 35 43 24.5
W. Lng. 79 48 21.9
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
113.0	017.9606	0272.6	053.6	040.0	000.2500	0165.5	062.8	36.73	
114.0	018.1817	0272.6	053.7	040.3	000.2500	0165.3	061.9	37.02	
115.0	018.4041	0272.2	053.8	040.6	000.2500	0165.7	061.0	37.35	
116.0	018.6279	0271.5	053.9	040.9	000.2500	0166.4	060.1	37.71	
117.0	018.8530	0270.7	053.9	041.2	000.2500	0167.0	059.2	38.06	
118.0	019.0794	0270.1	054.0	041.5	000.2500	0167.8	058.3	38.43	
119.0	019.3072	0269.6	054.1	041.7	000.2500	0168.1	057.4	38.78	
120.0	019.5364	0271.0	054.3	042.2	000.2500	0167.4	056.6	39.07	
121.0	020.4394	0270.0	054.6	042.7	000.2500	0167.3	055.7	39.39	
122.0	021.3629	0271.6	055.1	043.4	000.2500	0169.9	054.9	39.83	
123.0	022.3067	0271.9	055.6	044.1	000.2500	0171.4	054.0	40.23	
124.0	023.2710	0272.8	056.0	044.8	000.2500	0170.5	053.1	40.52	
125.0	024.2556	0271.1	056.3	045.2	000.2500	0169.5	052.2	40.82	
126.0	025.2607	0270.7	056.6	045.8	000.2500	0169.2	051.3	41.16	
127.0	026.2861	0270.4	057.0	046.4	000.2500	0170.0	050.4	41.55	
128.0	027.3320	0268.9	057.2	046.8	000.2500	0170.4	049.5	41.93	
129.0	028.3982	0269.7	057.7	047.5	000.2500	0172.0	048.5	42.37	
130.0	029.4849	0270.1	058.0	048.1	000.2500	0174.5	047.6	42.86	
131.0	030.8580	0269.7	058.4	048.8	000.2500	0176.3	046.6	43.32	
132.0	032.2624	0269.8	058.9	049.5	000.2500	0176.4	045.7	43.72	
133.0	033.6980	0272.7	059.5	050.4	000.2500	0176.0	044.7	44.09	
134.0	035.1649	0273.9	060.0	051.2	000.2500	0173.9	043.8	44.41	
135.0	036.6630	0274.8	060.4	052.0	000.2500	0173.1	042.8	44.81	
136.0	038.1924	0275.0	060.9	052.7	000.2500	0173.4	041.8	45.27	
137.0	039.7530	0275.8	061.3	053.5	000.2500	0170.6	040.8	45.60	
138.0	041.3449	0275.5	061.6	054.2	000.2500	0168.6	039.7	45.98	
139.0	042.9680	0274.3	061.9	054.7	000.2500	0168.5	038.7	46.48	
140.0	044.6224	0274.5	062.3	055.5	000.2500	0169.4	037.7	47.03	
141.0	046.0769	0273.6	062.6	056.0	000.2500	0169.7	036.6	47.57	
142.0	047.5548	0275.4	063.0	056.8	000.2500	0172.0	035.5	48.21	
143.0	049.0560	0275.0	063.3	057.4	000.2500	0174.6	034.5	48.89	
144.0	050.5805	0275.1	063.6	058.1	000.2500	0176.8	033.4	49.56	
145.0	052.1284	0274.9	063.9	058.7	000.2500	0177.9	032.3	50.19	
146.0	053.6996	0275.2	064.2	059.4	000.2500	0180.7	031.2	50.92	
147.0	055.2941	0277.8	064.7	060.4	000.2500	0185.0	030.1	51.74	
148.0	056.9119	0276.9	064.9	061.0	000.2500	0185.2	029.0	52.43	
149.0	058.5531	0276.6	065.1	061.6	000.2500	0185.7	027.9	53.17	

150.0	060.2176	0276.7	065.4	062.3	000.2500	0187.2	026.7	53.98
151.0	061.5440	0275.7	065.6	062.7	000.2500	0188.0	025.6	54.80
152.0	062.8849	0277.0	065.9	063.5	000.2500	0189.4	024.5	55.67
153.0	064.2402	0275.2	065.9	063.7	000.2500	0190.4	023.3	56.56
154.0	065.6100	0274.5	066.1	064.1	000.2500	0192.1	022.2	57.50
155.0	066.9942	0274.2	066.3	064.6	000.2500	0193.7	021.0	58.47
156.0	068.3929	0272.7	066.4	064.8	000.2500	0194.8	019.8	59.44
157.0	069.8060	0272.5	066.6	065.2	000.2500	0197.1	018.7	60.48
158.0	071.2336	0272.7	066.8	065.8	000.2500	0198.4	017.5	61.50
159.0	072.6756	0272.2	066.9	066.1	000.2500	0198.5	016.3	62.49
160.0	074.1321	0271.3	067.1	066.3	000.2500	0198.7	015.2	63.49
161.0	075.2036	0269.8	067.1	066.1	000.2500	0198.4	014.0	64.58
162.0	076.2828	0268.7	067.1	065.8	000.2500	0198.4	012.8	66.15
163.0	077.3696	0266.4	067.1	064.8	000.2500	0195.1	011.7	67.74
164.0	078.4642	0266.3	067.2	064.6	000.2500	0193.8	010.5	69.61
165.0	079.5664	0266.6	067.4	064.3	000.2500	0192.7	009.3	71.65
166.0	080.6763	0266.5	067.5	063.6	000.2500	0189.9	008.1	73.76
167.0	081.7939	0266.0	067.6	062.2	000.2500	0186.7	006.9	76.18
168.0	082.9192	0266.3	067.7	060.6	000.2500	0185.1	005.8	79.18
169.0	084.0522	0265.9	067.8	057.2	000.2500	0173.5	004.6	82.13
170.0	085.1929	0264.1	067.8	049.7	000.2500	0176.9	003.5	85.94
171.0	085.7846	0264.3	067.9	037.6	000.2500	0161.2	002.5	89.90
172.0	086.3784	0264.7	068.0	012.6	000.2500	0170.9	001.8	94.33
173.0	086.9743	0262.8	067.9	334.5	000.2500	0161.5	001.9	93.76
174.0	087.5722	0262.2	067.9	307.6	000.2500	0182.6	002.5	90.64
175.0	088.1721	0263.4	068.1	291.6	000.2500	0177.6	003.4	86.59
176.0	088.7741	0264.0	068.2	283.5	000.2500	0195.5	004.5	83.31
177.0	089.3781	0263.1	068.2	280.0	000.2500	0206.3	005.6	80.32
178.0	089.9842	0263.0	068.3	277.4	000.2500	0207.9	006.8	77.42
179.0	090.5923	0264.9	068.5	274.4	000.2500	0215.7	007.9	75.20
180.0	091.2025	0263.8	068.5	273.9	000.2500	0216.3	009.1	72.96
181.0	091.2025	0263.8	068.5	273.5	000.2500	0217.1	010.3	70.86
182.0	091.2025	0264.3	068.5	273.1	000.2500	0217.3	011.5	68.90
183.0	091.2025	0264.6	068.6	273.0	000.2500	0217.1	012.7	67.08
184.0	091.2025	0264.2	068.5	273.2	000.2500	0217.3	013.9	65.45
185.0	091.2025	0263.8	068.5	273.4	000.2500	0217.1	015.1	64.33
186.0	091.2025	0264.4	068.5	273.4	000.2500	0217.1	016.3	63.31
187.0	091.2025	0265.2	068.6	273.4	000.2500	0217.1	017.5	62.31
188.0	091.2025	0266.1	068.7	273.4	000.2500	0217.1	018.7	61.31
189.0	091.2025	0264.1	068.5	274.2	000.2500	0216.1	019.9	60.31
190.0	091.2025	0263.2	068.4	274.7	000.2500	0214.6	021.1	59.31
191.0	090.5923	0265.1	068.5	274.8	000.2500	0214.5	022.3	58.37
192.0	089.9842	0267.0	068.6	274.9	000.2500	0214.4	023.5	57.45
193.0	089.3781	0265.9	068.5	275.6	000.2500	0211.8	024.7	56.49
194.0	088.7741	0263.8	068.2	276.5	000.2500	0209.0	025.8	55.55
195.0	088.1721	0263.3	068.1	277.1	000.2500	0207.8	027.0	54.71
196.0	087.5722	0263.6	068.1	277.6	000.2500	0208.1	028.1	53.95
197.0	086.9743	0262.4	067.9	278.3	000.2500	0207.6	029.3	53.21
198.0	086.3784	0261.8	067.8	278.8	000.2500	0208.0	030.4	52.54
199.0	085.7846	0259.9	067.6	279.6	000.2500	0207.0	031.6	51.87
200.0	085.1929	0258.2	067.3	280.3	000.2500	0205.2	032.7	51.19
201.0	084.4193	0255.1	067.0	281.3	000.2500	0203.1	033.8	50.53
202.0	083.6493	0253.2	066.8	282.0	000.2500	0201.6	034.9	49.90
203.0	082.8828	0252.8	066.6	282.5	000.2500	0200.6	036.0	49.28
204.0	082.1198	0252.8	066.5	283.0	000.2500	0198.7	037.2	48.64
205.0	081.3604	0253.7	066.5	283.4	000.2500	0196.4	038.3	47.98
206.0	080.6045	0251.7	066.3	284.1	000.2500	0190.2	039.4	47.17
207.0	079.8521	0250.8	066.1	284.7	000.2500	0185.7	040.5	46.44
208.0	079.1032	0251.1	066.0	285.1	000.2500	0183.9	041.6	45.85
209.0	078.3579	0250.8	065.9	285.6	000.2500	0183.4	042.7	45.33

210.0	077.6161	0251.0	065.8	286.1	000.2500	0183.9	043.8	44.87
211.0	077.2641	0251.8	065.9	286.4	000.2500	0184.1	044.9	44.40
212.0	076.9129	0254.5	066.0	286.6	000.2500	0184.4	046.1	43.93
213.0	076.5625	0257.0	066.2	286.8	000.2500	0185.4	047.2	43.51
214.0	076.2129	0257.7	066.2	287.2	000.2500	0187.7	048.3	43.18
215.0	075.8641	0256.5	066.1	287.7	000.2500	0188.2	049.4	42.79
216.0	075.5161	0253.8	065.8	288.4	000.2500	0187.6	050.4	42.37
217.0	075.1689	0252.3	065.6	289.0	000.2500	0187.1	051.5	41.94
218.0	074.8225	0253.2	065.7	289.4	000.2500	0186.6	052.6	41.49
219.0	074.4769	0256.9	065.9	289.5	000.2500	0186.7	053.7	41.04
220.0	074.1321	0256.3	065.8	290.0	000.2500	0187.5	054.8	40.68
221.0	074.4424	0255.4	065.8	290.5	000.2500	0185.8	055.8	40.19
222.0	074.7533	0255.9	065.9	290.8	000.2500	0183.1	057.0	39.66
223.0	075.0649	0256.1	065.9	291.2	000.2500	0179.8	058.0	39.10
224.0	075.3771	0255.4	065.9	291.6	000.2500	0177.4	059.1	38.60
225.0	075.6900	0255.3	065.9	292.0	000.2500	0174.8	060.2	38.09
226.0	076.0035	0259.3	066.3	292.1	000.2500	0174.0	061.4	37.62
227.0	076.3177	0258.1	066.3	292.6	000.2500	0172.0	062.4	37.17
228.0	076.6325	0261.6	066.6	292.8	000.2500	0172.2	063.6	36.76
229.0	076.9480	0263.8	066.8	293.1	000.2500	0172.4	064.8	36.39
230.0	077.2641	0266.0	067.0	293.4	000.2500	0171.6	065.9	35.96
231.0	078.3756	0268.4	067.4	293.6	000.2500	0170.9	067.1	35.53
232.0	079.4951	0270.4	067.7	293.8	000.2500	0170.0	068.3	35.09

At no point on the WPTI protected contour does this translator deliver more than 100 dBu (interfering).

Bromo Communications, Inc.