

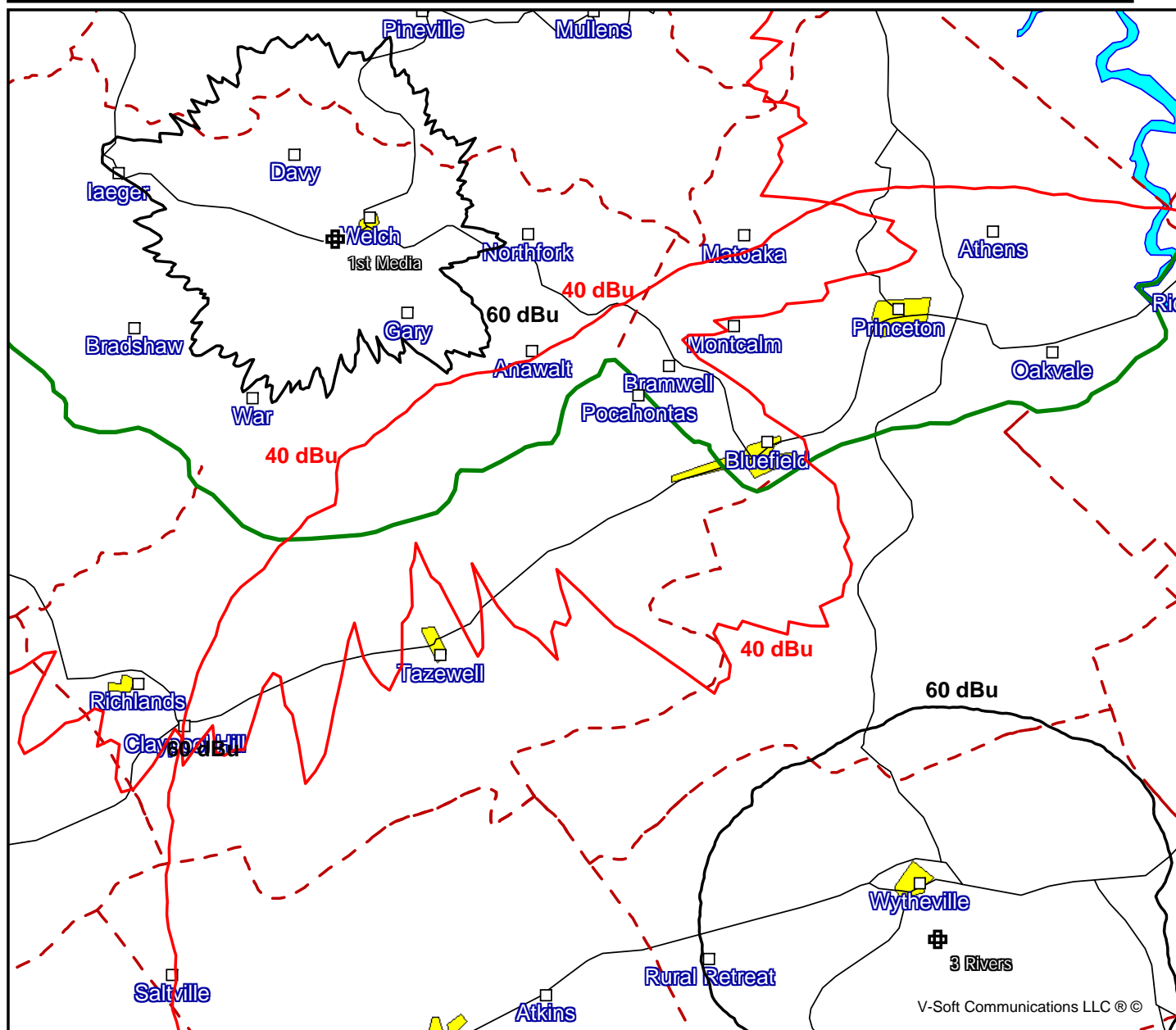
### 3 Rivers

Rural Retreat, VA  
BNPFT-20170726ATU  
Latitude: 36-54-26.80 N  
Longitude: 081-04-07.90 W  
ERP: 0.075 kW  
Channel: 227  
Frequency: 93.3 MHz  
AMSL Height: 1123.8 m  
Elevation: 1113.1 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: FCC 73.333 Figs 1/1a

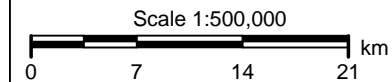
### 1st Media

Welch, WV  
BNPFT-20170728AAZ  
Latitude: 37-25-01 N  
Longitude: 081-36-58 W  
ERP: 0.25 kW  
Channel: 227  
Frequency: 93.3 MHz  
AMSL Height: 681.0 m  
Elevation: 616.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: FCC 73.333 Figs 1/1a

## Contour Overlap Study - Amended BNPFT-20170726ATU vs. BNPFT-20170728AAZ



The National Elevation Dataset 3-arc second Terrain Data was used for this Contour Protection Study.



## Distance to Contour Report

Type of contour: FCC

Location Variability: 50.0 %

Time Variability: 50.0 %

Field Strength: 60.00 dBuV/m

Primary Terrain: NED 3 Second US Terrain

### Transmitter Information:

Call Letters: 1st Media

FCC File No.: BNPFT-20170728AAZ

Latitude: 37-25-01 N

Longitude: 081-36-58 W

ERP: 0.25 kW

Channel: 227

Frequency: 93.3 MHz

AMSL Height: 681.0 m

Horiz. Antenna Pattern: Omni

Vert. Elevation Pattern: No

Azimuth (deg)	Distance (km)	HAAT (m)	Azimuth (deg)	Distance (km)	HAAT (m)
105.0	8.93	46.8	126.0	14.85	133.3
106.0	8.79	45.5	127.0	14.65	130.0
107.0	9.06	48.0	128.0	15.31	140.9
108.0	9.31	50.4	129.0	14.80	132.5
109.0	9.95	57.2	130.0	14.15	121.3
110.0	10.51	64.6	131.0	14.38	125.5
111.0	10.89	70.0	132.0	13.71	113.8
112.0	11.00	71.5	133.0	13.13	104.2
113.0	11.98	86.1	134.0	13.18	105.0
114.0	12.14	88.5	135.0	12.73	97.9
115.0	12.18	89.3	136.0	12.81	99.2
116.0	13.08	103.4	137.0	13.76	114.6
117.0	13.31	107.2	138.0	14.03	119.2
118.0	13.45	109.4	139.0	13.94	117.6
119.0	13.71	113.8	140.0	14.09	120.4
120.0	14.16	121.6	141.0	13.00	102.2
121.0	14.19	122.2	142.0	12.25	90.3
122.0	14.70	130.9	143.0	11.68	81.5
123.0	14.88	133.8	144.0	11.28	75.6
124.0	14.89	134.0	145.0	10.34	62.2
125.0	15.08	137.1	146.0	9.64	53.7

Distance to Contour Report – Page 2  
1st Media F(50,50) 60.0 dBuV/m

Azimuth (deg)	Distance (km)	HAAT (m)	Azimuth (deg)	Distance (km)	HAAT (m)
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147.0	10.03	58.1	188.0	10.48	64.2
148.0	10.62	66.2	189.0	10.81	68.8
149.0	10.71	67.4	190.0	12.17	89.1
150.0	10.54	64.9	191.0	12.21	89.7
151.0	10.68	67.0	192.0	12.39	92.5
152.0	11.24	75.1	193.0	12.36	92.0
153.0	10.67	66.8	194.0	11.79	83.3
154.0	10.40	63.1	195.0	12.24	90.1
155.0	10.25	60.9			
156.0	9.72	54.6			
157.0	8.55	43.3			
158.0	9.47	51.9			
159.0	9.96	57.3			
160.0	10.40	63.1			
161.0	10.53	64.9			
162.0	9.63	53.6			
163.0	8.76	45.2			
164.0	8.52	43.1			
165.0	7.57	34.6			
166.0	7.96	38.2			
167.0	8.19	40.2			
168.0	9.13	48.7			
169.0	9.36	50.9			
170.0	9.47	52.0			
171.0	10.35	62.3			
172.0	10.56	65.2			
173.0	10.81	68.7			
174.0	10.67	66.7			
175.0	10.43	63.5			
176.0	10.10	59.0			
177.0	9.35	50.7			
178.0	9.73	54.7			
179.0	10.43	63.4			
180.0	11.13	73.3			
181.0	12.09	87.9			
182.0	12.49	94.0			
183.0	12.79	98.9			
184.0	11.91	85.0			
185.0	11.29	75.7			
186.0	11.11	73.1			
187.0	10.54	65.0			

## Distance to Contour Report

Type of contour: FCC

Location Variability: 50.0 %

Time Variability: 10.0 %

Field Strength: 40.00 dBuV/m

Primary Terrain: NED 3 Second US Terrain

### Transmitter Information:

Call Letters: 3 Rivers

FCC File No.: BNPFT-20170726ATU (Amended)

Latitude: 36-54-26.80 N

Longitude: 081-04-07.90 W

ERP: 0.075 kW

Channel: 227

Frequency: 93.3 MHz

AMSL Height: 1124.0 m

Horiz. Antenna Pattern: Omni

Vert. Elevation Pattern: No

Azimuth (deg)	Distance (km)	HAAT (m)	Azimuth (deg)	Distance (km)	HAAT (m)
305.0	60.60	376.6	326.0	57.10	335.1
306.0	59.99	368.8	327.0	57.10	335.0
307.0	60.55	376.0	328.0	56.97	333.7
308.0	61.45	388.6	329.0	56.84	332.1
309.0	62.01	396.4	330.0	57.06	334.7
310.0	61.78	393.3			
311.0	61.10	383.6			
312.0	61.05	382.9			
313.0	60.77	379.0			
314.0	60.68	377.8			
315.0	60.46	374.9			
316.0	60.53	375.7			
317.0	60.40	374.0			
318.0	60.39	373.9			
319.0	59.72	365.5			
320.0	59.51	362.9			
321.0	58.98	356.6			
322.0	58.31	348.9			
323.0	57.85	343.6			
324.0	57.69	341.8			
325.0	57.17	335.9			