

Television Channel 6 Protection - WFPB-FM (New) v. WLNE-TV

WFPBFM

Modify BLED-19980917KA

Latitude: 41-36-50 N

Longitude: 070-35-56 W

Study ERP: 0.45 kW

0.3 kW H + 6 kW V/40

Channel: 220

Frequency: 91.9 MHz

AMSL Height: 83.9 m

HAAT: 76.11 m

Horiz. Pattern: Directional

Vert. Pattern: No

WLNETV

BLCT19920604KF

Latitude: 41-35-48 N

Longitude: 071-11-24 W

ERP: 100.00 kW

Channel: 06+

Frequency: 85.5 MHz

AMSL Height: 308.0 m

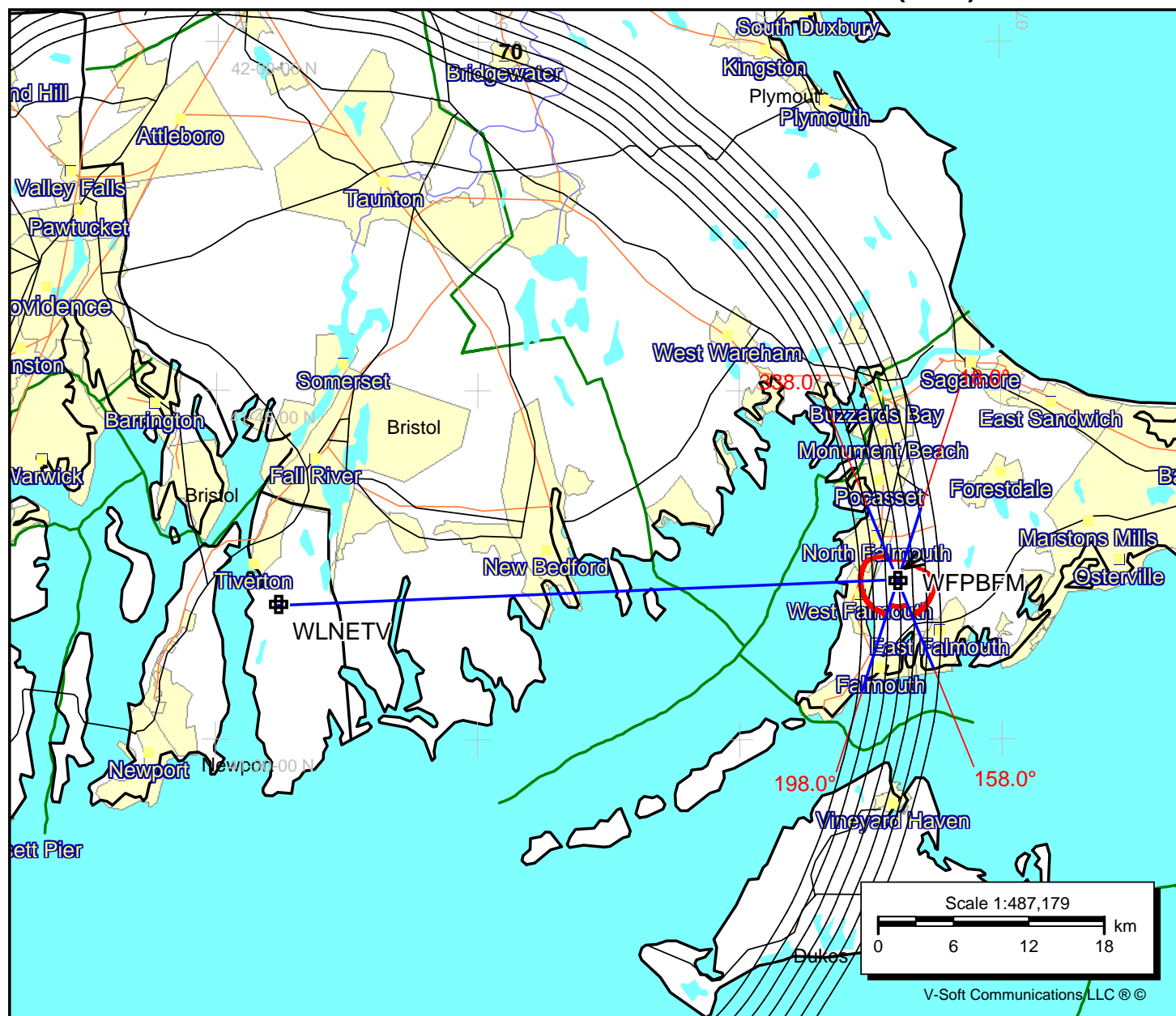
HAAT: 283.0 m

Horiz. Pattern: Omni

Vert. Pattern: Yes

Elec Tilt: 0.7

June 24, 2005



V-Soft Communications LLC ©

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BLCT19920604KF

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Channel: 06+

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AMSL Height: 308.0 m

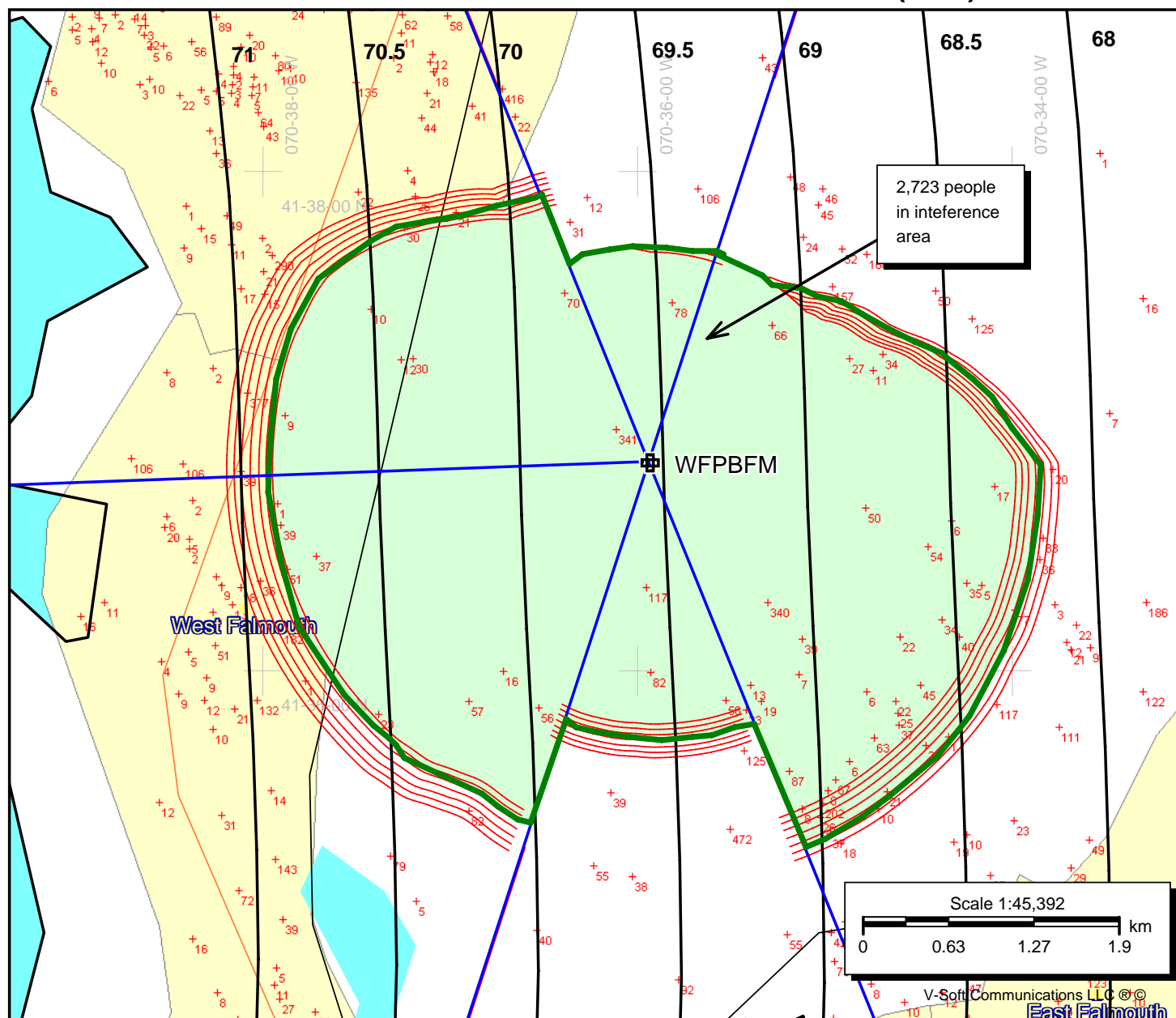
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Ex #18, Pg #3

Ex #18, Pg #3

WFPB-FM (Modified) Interference Contours for TV6

[illegible]

WLNETV, Freedom Broadcasting Of Sout , BLCT19920604KF

Ex #18, Pg #5

N. Lat. = 41 35 48 W. Lng. = 71 11 24 AMSL = 308m
 HAAT and Distance to Contour - FCC Method - 30 Arc Sec.

Azimuth	AV EL	HAAT	ERP kW	Field	68-F5	68.5-F5	69-F5	69.5-F5	70-F5	70.5-F5	71-F5
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0	28.5	279.5	100	1	52.94	51.88	50.82	49.75	48.69	47.64	46.61
10	37	271	100	1	52.34	51.27	50.21	49.15	48.09	47.05	46.04
20	52.7	255.3	100	1	51.21	50.15	49.09	48.04	47	45.98	44.99
30	45.2	262.8	100	1	51.75	50.69	49.63	48.57	47.52	46.49	45.49
40	48.9	259.1	100	1	51.49	50.43	49.37	48.31	47.26	46.24	45.25
50	42.5	265.5	100	1	51.94	50.88	49.82	48.76	47.71	46.68	45.67
60	34.8	273.2	100	1	52.49	51.43	50.37	49.31	48.25	47.2	46.18
70	32.3	275.7	100	1	52.67	51.61	50.55	49.49	48.43	47.38	46.35
80	33.8	274.2	100	1	52.56	51.5	50.44	49.38	48.32	47.27	46.25
90	32.5	275.5	100	1	52.66	51.6	50.54	49.48	48.41	47.36	46.34
100	28.2	279.8	100	1	52.96	51.9	50.84	49.78	48.71	47.66	46.63
110	26.6	281.4	100	1	53.07	52.01	50.95	49.88	48.82	47.76	46.73
120	18.8	289.2	100	1	53.61	52.55	51.48	50.42	49.36	48.3	47.25
130	10.8	297.2	100	1	54.16	53.09	52.03	50.97	49.91	48.85	47.78
140	19.2	288.8	100	1	53.58	52.52	51.46	50.4	49.34	48.27	47.22
150	14.4	293.6	100	1	53.91	52.85	51.79	50.72	49.66	48.6	47.54
160	15.4	292.6	100	1	53.85	52.78	51.72	50.66	49.6	48.54	47.48
170	15.3	292.7	100	1	53.85	52.79	51.73	50.67	49.61	48.54	47.49
180	12.2	295.8	100	1	54.06	53	51.94	50.88	49.81	48.75	47.69
190	3.2	304.8	100	1	54.67	53.6	52.54	51.47	50.41	49.35	48.28
200	0	308	100	1	54.88	53.81	52.74	51.68	50.62	49.55	48.49
210	10.3	297.7	100	1	54.19	53.13	52.07	51	49.94	48.88	47.82
220	25.5	282.5	100	1	53.15	52.09	51.03	49.96	48.9	47.84	46.81
230	25.7	282.3	100	1	53.13	52.07	51.01	49.95	48.89	47.83	46.79
240	21.7	286.3	100	1	53.41	52.35	51.29	50.22	49.16	48.1	47.06
250	15.7	292.3	100	1	53.83	52.76	51.7	50.64	49.58	48.51	47.46
260	11.7	296.3	100	1	54.09	53.03	51.97	50.91	49.84	48.78	47.72
270	9.6	298.4	100	1	54.24	53.18	52.11	51.05	49.99	48.93	47.86
280	7.4	300.6	100	1	54.39	53.32	52.26	51.2	50.13	49.07	48.01
290	3.9	304.1	100	1	54.62	53.55	52.49	51.42	50.36	49.3	48.23
300	2.3	305.7	100	1	54.72	53.66	52.59	51.53	50.47	49.4	48.34
310	1.4	306.6	100	1	54.79	53.72	52.66	51.59	50.53	49.47	48.4
320	2.1	305.9	100	1	54.74	53.67	52.61	51.54	50.48	49.42	48.35
330	13.4	294.6	100	1	53.98	52.91	51.85	50.79	49.73	48.67	47.61
340	5.9	302.1	100	1	54.48	53.42	52.35	51.29	50.23	49.17	48.1
350	15.3	292.7	100	1	53.85	52.79	51.72	50.66	49.6	48.54	47.48