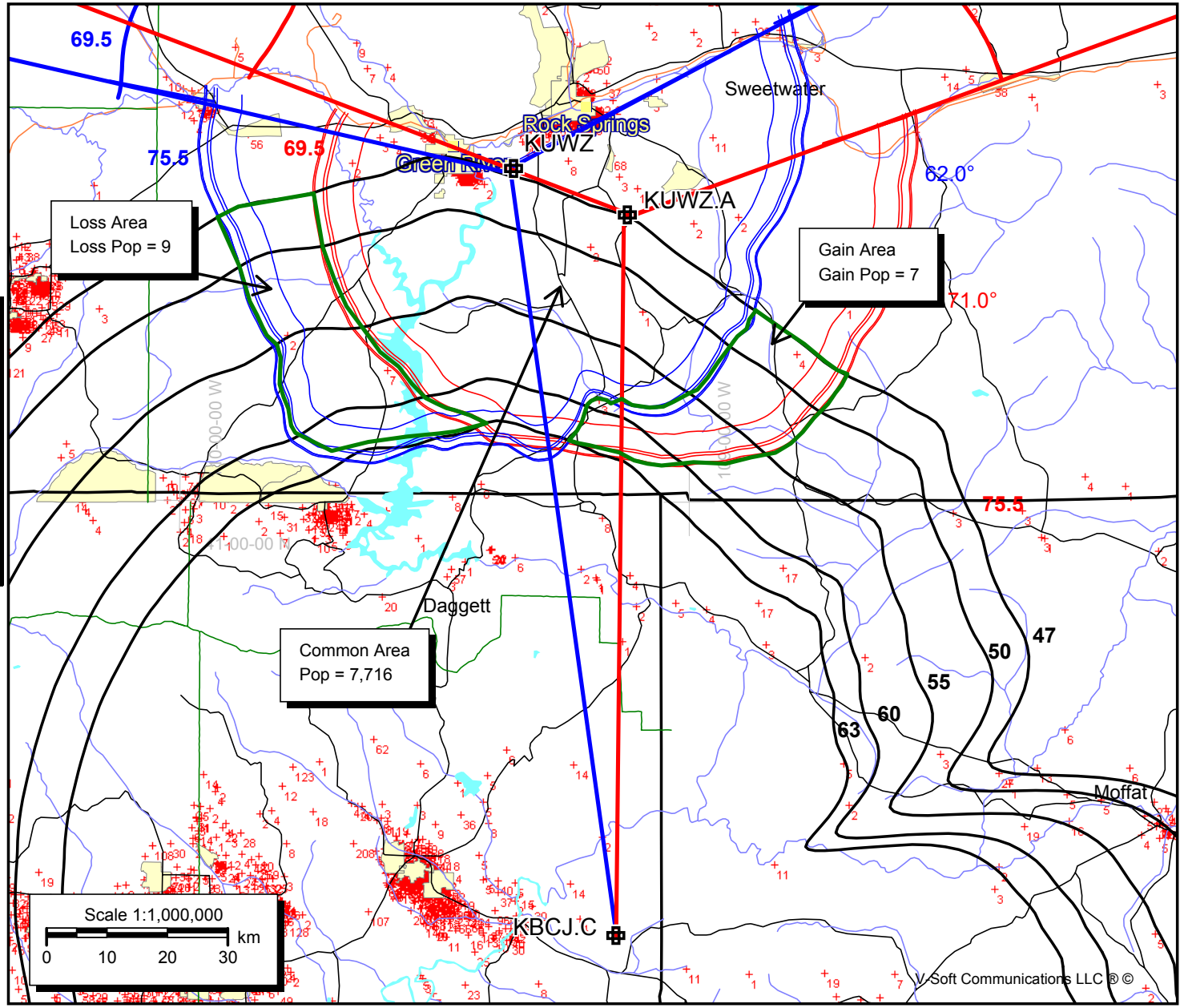
Exhibit #18, Television Channel 6 Protection

KUWZ.A
Latitude: 41-25-39 N
Longitude: 109-07-17 W
Study ERP: 35.875 kW
35 kW H + 35 kW V/40
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 2680.0 m
Horiz. Pattern: Omni
Gain = 7

KUWZ
BLED19941109KG
Latitude: 41-29-47 N
Longitude: 109-20-47 W
Study ERP: 102.50 kW
100 kW H + 100 kW V/40
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 2364.0 m
Horiz. Pattern: Omni
Loss = 9

KBCJ.C
BPCT19960919KG
Latitude: 40-21-22 N
Longitude: 109-08-41 W
ERP: 83.20 kW
Channel: 06Z
Frequency: 85.0 MHz
AMSL Height: 2541.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.0

Gain/Loss Ratio
1:1.2



KBCJ CP 06Z 2C Dom 83.200 kW 676 M HAAT V HN
Vernal UT 2541M COR AMSL
N. Lat= 40 21 22, W. Lng= 109 08 41
Vernal Broadcasting, Inc. BPCT19960919KG
Fac ID# 808530480, Cutoff Date=
Dist.=118.9944 km, Azi=181.0°, Rev Azi=1.0°

Direct line HAAT Grade B, 47 dBu= 118.34 km & Grade A= 65.3 km

Distance from reference to Grade B = 0.65 km
Cutoff Dist from Full Service= 193
Maximum Co-located power= 38 kW
KBCJ Signal Contour at Reference location = 46.8 dBu
CH. 213, U/D ratio = 22.5 dB, Maximum FM signal = 69.5 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	69.5	55.0	68.7	63.0	70.2	71.0	74.9	79.0	81.2	87.0	87.9
48.0	69.3	56.0	68.8	64.0	70.7	72.0	75.6	80.0	82.0	88.0	88.7
49.0	69.0	57.0	68.8	65.0	71.1	73.0	76.4	81.0	82.8	89.0	89.6
50.0	68.8	58.0	68.9	66.0	71.7	74.0	77.2	82.0	83.7	90.0	90.5
51.0	68.8	59.0	69.0	67.0	72.2	75.0	78.0	83.0	84.5	91.0	90.5
52.0	68.7	60.0	69.3	68.0	72.8	76.0	78.8	84.0	85.3	92.0	90.5
53.0	68.7	61.0	69.5	69.0	73.5	77.0	79.6	85.0	86.2	93.0	90.5
54.0	68.7	62.0	69.8	70.0	74.2	78.0	80.4	86.0	87.0	94.0	90.5

Doug Vernier Telecommunications Consultants
N. Lat. 41-25-39 W. Lng. 109-07-17
HAAT and Distance to Contour - FCC Method - 30 Arc. Sec.

KUWZ - Amendment to BPED-20031217AAI - Protection for Channel 6 TV

Azi.	AV EL	HAAT	ERP kW	Field	69.5-F1	75.5-F1	74.8-F1	74.7-F1	75.3-F1	76.2-F1
0	2056.7	623.3	35.875	1.0	68.77	51.41	53.33	53.61	51.96	49.49
10	2052.8	627.2	35.875	1.0	68.94	51.56	53.48	53.75	52.11	49.64
20	2074.9	605.1	35.875	1.0	68.00	50.72	52.65	52.93	51.27	48.79
30	2123.2	556.8	35.875	1.0	65.98	48.57	50.58	50.86	49.15	46.61
40	2191.0	489.0	35.875	1.0	61.14	44.79	46.62	46.89	45.31	43.02
50	2168.3	511.7	35.875	1.0	62.86	46.05	47.97	48.25	46.59	44.21
60	2127.9	552.1	35.875	1.0	65.73	48.32	50.33	50.62	48.90	46.36
70	2127.4	552.6	35.875	1.0	65.75	48.35	50.36	50.65	48.92	46.39
80	2167.4	512.6	35.875	1.0	62.92	46.10	48.02	48.30	46.64	44.26
90	2189.5	490.5	35.875	1.0	61.25	44.87	46.71	46.98	45.39	43.10
100	2222.2	457.8	35.875	1.0	58.87	43.09	44.82	45.07	43.58	41.41
110	2219.8	460.2	35.875	1.0	59.03	43.22	44.96	45.21	43.71	41.53
120	2240.3	439.7	35.875	1.0	57.62	42.11	43.79	44.03	42.58	40.47
130	2218.7	461.3	35.875	1.0	59.11	43.28	45.02	45.27	43.77	41.59
140	2207.2	472.8	35.875	1.0	59.94	43.91	45.68	45.94	44.41	42.18
150	2212.3	467.7	35.875	1.0	59.56	43.63	45.38	45.64	44.12	41.92
160	2248.0	432.0	35.875	1.0	57.11	41.68	43.35	43.59	42.15	40.06
170	2272.2	407.8	35.875	1.0	55.52	40.31	41.93	42.17	40.77	38.72
180	2300.6	379.4	35.875	1.0	53.57	38.63	40.21	40.44	39.08	37.08
190	2302.7	377.3	35.875	1.0	53.41	38.50	40.08	40.31	38.95	36.96
200	2291.5	388.5	35.875	1.0	54.21	39.17	40.77	41.00	39.62	37.61
210	2247.0	433.0	35.875	1.0	57.18	41.74	43.41	43.65	42.21	40.11
220	2236.7	443.3	35.875	1.0	57.87	42.30	43.99	44.24	42.78	40.66
230	2202.4	477.6	35.875	1.0	60.29	44.17	45.96	46.22	44.67	42.43
240	2183.9	496.1	35.875	1.0	61.67	45.18	47.03	47.31	45.70	43.39
250	2149.2	530.8	35.875	1.0	64.32	47.14	49.12	49.41	47.70	45.23
260	2128.2	551.8	35.875	1.0	65.71	48.31	50.31	50.60	48.88	46.35
270	2108.9	571.1	35.875	1.0	66.64	49.28	51.27	51.55	49.85	47.31
280	2100.3	579.7	35.875	1.0	67.00	49.68	51.64	51.93	50.24	47.71
290	2114.1	565.9	35.875	1.0	66.41	49.03	51.02	51.31	49.60	47.06
300	2142.2	537.8	35.875	1.0	64.83	47.53	49.53	49.82	48.10	45.61
310	2107.8	572.2	35.875	1.0	66.69	49.33	51.32	51.60	49.90	47.36
320	2107.5	572.5	35.875	1.0	66.70	49.35	51.33	51.61	49.91	47.38
330	2076.1	603.9	35.875	1.0	67.96	50.68	52.61	52.88	51.23	48.74
340	2074.2	605.8	35.875	1.0	68.03	50.75	52.68	52.95	51.30	48.82
350	2064.9	615.1	35.875	1.0	68.42	51.10	53.02	53.30	51.65	49.18

Ave El = 2168.28 m HAAT - 511.72 m AMSL = 2680 m

Doug Vernier Telecommunications Consultants
N. Lat. = 41 29 47 W. Lng. = 109 20 47
HAAT and Distance to Contour - FCC Method - 30 Arc Sec.

KUWZ, BLED19941109KG TV6 Protection

Azi.	AV EL	HAAT	ERP kW	dBk	Field	69.5-F1	75.5-F1	74.8-F1	74.7-F1	75.3-F1	76.2-F1
0	2135.6	228.4	102.5	20.11	1.0	52.49	38.42	39.92	40.14	38.84	35.09
10	2152.3	211.7	102.5	20.11	1.0	50.69	36.90	38.35	38.56	37.31	33.69
20	2018.3	345.7	102.5	20.11	1.0	63.06	47.19	49.00	49.26	47.70	43.26
30	1921.0	443.0	102.5	20.11	1.0	71.05	54.01	55.86	56.13	54.54	49.79
40	1920.6	443.4	102.5	20.11	1.0	71.09	54.04	55.89	56.16	54.57	49.82
50	1943.3	420.7	102.5	20.11	1.0	69.22	52.58	54.42	54.68	53.10	48.37
60	1975.1	388.9	102.5	20.11	1.0	66.69	50.45	52.29	52.56	50.98	46.26
70	1997.4	366.6	102.5	20.11	1.0	64.93	48.80	50.65	50.91	49.33	44.73
80	2018.2	345.8	102.5	20.11	1.0	63.06	47.19	49.00	49.26	47.71	43.26
90	2038.5	325.5	102.5	20.11	1.0	61.16	45.65	47.39	47.65	46.14	41.85
100	2071.2	292.8	102.5	20.11	1.0	58.24	43.27	44.92	45.16	43.74	39.65
110	2103.2	260.8	102.5	20.11	1.0	55.46	40.96	42.55	42.78	41.41	37.47
120	2057.0	307.0	102.5	20.11	1.0	59.48	44.29	45.98	46.22	44.77	40.60
130	2051.0	313.0	102.5	20.11	1.0	60.01	44.73	46.43	46.68	45.21	41.00
140	2027.9	336.1	102.5	20.11	1.0	62.16	46.46	48.23	48.49	46.96	42.59
150	2043.8	320.2	102.5	20.11	1.0	60.67	45.26	46.98	47.23	45.74	41.49
160	2131.0	233.0	102.5	20.11	1.0	52.95	38.82	40.33	40.55	39.25	35.46
170	2044.2	319.8	102.5	20.11	1.0	60.64	45.23	46.95	47.20	45.72	41.47
180	2055.1	308.9	102.5	20.11	1.0	59.64	44.42	46.12	46.36	44.90	40.72
190	2054.8	309.2	102.5	20.11	1.0	59.67	44.45	46.14	46.39	44.93	40.75
200	2013.7	350.3	102.5	20.11	1.0	63.48	47.54	49.36	49.62	48.06	43.58
210	1925.9	438.1	102.5	20.11	1.0	70.65	53.70	55.54	55.81	54.22	49.49
220	1894.8	469.2	102.5	20.11	1.0	73.18	55.74	57.63	57.91	56.28	51.46
230	1992.1	371.9	102.5	20.11	1.0	65.37	49.20	51.05	51.31	49.73	45.09
240	2017.1	346.9	102.5	20.11	1.0	63.17	47.29	49.10	49.36	47.80	43.35
250	2030.8	333.2	102.5	20.11	1.0	61.89	46.23	48.00	48.26	46.73	42.39
260	2017.8	346.2	102.5	20.11	1.0	63.11	47.23	49.04	49.30	47.74	43.30
270	1986.4	377.6	102.5	20.11	1.0	65.83	49.64	51.48	51.75	50.16	45.49
280	1980.1	383.9	102.5	20.11	1.0	66.31	50.10	51.94	52.20	50.62	45.92
290	1961.4	402.6	102.5	20.11	1.0	67.76	51.39	53.23	53.49	51.92	47.18
300	1998.2	365.8	102.5	20.11	1.0	64.86	48.74	50.58	50.85	49.27	44.67
310	2014.1	349.9	102.5	20.11	1.0	63.45	47.51	49.33	49.59	48.03	43.55
320	2031.8	332.2	102.5	20.11	1.0	61.79	46.15	47.92	48.17	46.65	42.31
330	2070.4	293.6	102.5	20.11	1.0	58.31	43.33	44.98	45.22	43.80	39.70
340	2105.5	258.5	102.5	20.11	1.0	55.25	40.79	42.37	42.60	41.24	37.30
350	2128.7	235.3	102.5	20.11	1.0	53.18	39.01	40.54	40.76	39.44	35.64

Ave El= 2025.78 M HAAT= 338.22 M AMSL= 2364 M

Doug Vernier Telecommunications Consultants
N. Lat. = 40 21 22 W. Lng. = 109 08 41
HAAT and Distance to Contour - FCC Method - 30 Arc Sec.

KBCJ , Vernal Broadcasting, Inc. , BPCT19960919KG

Azi.	AV EL	HAAT	ERP kW	dBk	Field	47-F5	50-F5	55-F5	60-F5	63-F5
0	2025.6	515.4	83.2	19.2	1.0	119.40	110.81	97.51	85.82	78.69
10	2152.9	388.1	83.2	19.2	1.0	108.04	100.02	88.45	76.99	69.81
20	2249.2	291.8	83.2	19.2	1.0	100.74	93.35	81.55	69.87	62.95
30	2260.2	280.8	83.2	19.2	1.0	99.77	92.38	80.59	68.98	62.13
40	2351.5	189.5	83.2	19.2	1.0	91.08	83.90	72.27	61.07	54.80
50	2409.0	132.1	83.2	19.2	1.0	84.37	77.26	65.29	54.31	48.06
60	2449.3	91.7	83.2	19.2	1.0	76.97	69.45	57.92	47.59	41.75
70	2448.2	92.8	83.2	19.2	1.0	77.22	69.71	58.15	47.81	41.95
80	2240.7	300.3	83.2	19.2	1.0	101.46	94.06	82.24	70.54	63.58
90	2132.0	409.0	83.2	19.2	1.0	109.85	101.69	89.91	78.53	71.23
100	2029.8	511.2	83.2	19.2	1.0	119.03	110.43	97.19	85.57	78.44
110	1914.6	626.4	83.2	19.2	1.0	127.31	118.26	103.72	90.93	83.96
120	1825.9	715.1	83.2	19.2	1.0	131.93	122.86	108.11	94.26	87.11
130	1787.5	753.5	83.2	19.2	1.0	133.51	124.53	109.98	95.70	88.41
140	1729.0	812.0	83.2	19.2	1.0	135.50	126.63	112.50	97.84	90.30
150	1708.1	832.9	83.2	19.2	1.0	136.11	127.26	113.28	98.59	90.95
160	1678.0	863.0	83.2	19.2	1.0	136.92	128.08	114.29	99.63	91.84
170	1712.2	828.8	83.2	19.2	1.0	135.99	127.14	113.13	98.44	90.82
180	1663.1	877.9	83.2	19.2	1.0	137.31	128.46	114.74	100.12	92.26
190	1645.7	895.3	83.2	19.2	1.0	137.75	128.88	115.22	100.66	92.73
200	1652.2	888.8	83.2	19.2	1.0	137.59	128.73	115.04	100.46	92.56
210	1626.2	914.8	83.2	19.2	1.0	138.25	129.33	115.69	101.24	93.23
220	1607.0	934.0	83.2	19.2	1.0	138.74	129.76	116.13	101.77	93.71
230	1591.0	950.0	83.2	19.2	1.0	139.15	130.12	116.49	102.21	94.10
240	1615.6	925.4	83.2	19.2	1.0	138.52	129.56	115.94	101.54	93.50
250	1697.0	844.0	83.2	19.2	1.0	136.42	127.57	113.67	98.98	91.28
260	1739.8	801.2	83.2	19.2	1.0	135.16	126.28	112.07	97.45	89.96
270	1702.1	838.9	83.2	19.2	1.0	136.28	127.43	113.50	98.80	91.13
280	1661.3	879.7	83.2	19.2	1.0	137.35	128.51	114.79	100.18	92.31
290	1636.2	904.8	83.2	19.2	1.0	137.99	129.10	115.46	100.95	92.98
300	1619.5	921.5	83.2	19.2	1.0	138.42	129.48	115.85	101.43	93.40
310	1616.3	924.7	83.2	19.2	1.0	138.50	129.55	115.92	101.52	93.48
320	1637.7	903.3	83.2	19.2	1.0	137.95	129.07	115.42	100.91	92.94
330	1728.9	812.1	83.2	19.2	1.0	135.50	126.63	112.51	97.85	90.31
340	1820.2	720.8	83.2	19.2	1.0	132.18	123.13	108.40	94.47	87.31
350	1880.2	660.8	83.2	19.2	1.0	129.26	120.13	105.40	92.21	85.21

Ave El= 1867.89 M HAAT= 673.11 M AMSL= 2541 M