CHAN	CALL	CITY AND STATE	CL/TYP	MILES	KM.	AZIMUTH	ERP	HAAT(M)	RELEVANT CONTOURS AND DISTANCES
213A	WSNC	Winston-SalemNC	A LI	94.422	151.95	199.38	.12	28	PC1mv/m=3.7132mi. INTF.5mv/m=5.3398mi.
213C3	WSNC	Winston-SalemNC	C3CP	94.473	152.03	199.04	10	59	PC1mv/m=16.088mi. INTF.5mv/m=24.412mi.
213A	WAHD	Wilson NC	A AP	133.16	214.30	145.08	3.8	50	PC1mv/m=11.308mi. INTF.5mv/m=17.143mi.
213A	WAHD	Wilson NC	A LI	133.16	214.30	145.08	3.8	30	PC1mv/m=9.0837mi. INTF.5mv/m=13.724mi.
213B	WJYJ	FredericksburVA	B LI	128.16	206.25	63.392	18.5	171	PC1mv/m=28.382mi. INTF.5mv/m=42.084mi.
213B	WJYJ	FredericksburVA	B AP	128.16	206.25	63.392	21	164	PC1mv/m=28.536mi. INTF.5mv/m=42.478mi.
213C3	NEW	Martinsville VA	C3AP	47.87	77.039	191.02	4.3	116	PC1mv/m=17.801mi. INTF.5mv/m=26.815mi.
213B	NEW	Summersville WV	B AP	71.366	114.85	314.93	11	289	PC1mv/m=31.206mi. INTF.5mv/m=46.11mi.
214D	W4AF	Durham NC	D LI	103.86	167.14	156.92	0	0	
214C2	NEW	Durham NC	C2AP	99.594	160.28	156.39	50	139	PC1mv/m=31.358mi. INTF10mv/m=12.048mi.
214C2	NEW	Durham NC	C2AP	99.754	160.53	156.4	45	144	PC1mv/m=31.152mi. INTF10mv/m=11.91mi.
214A	WUVT	Blacksburg VA	A LI	42.199	67.912	254.87	3	46	PC1mv/m=9.9276mi. INTF10mv/m=3.1344mi.
214A	NEW	Emory VA	A AP	126.77	204.01	251.08	.1	29	PC1mv/m=3.5516mi. INTF10mv/m=1.1628mi.
214B	WMRA	Harrisonburg VA	B AP	90.245	145.23	25.486	7.5	319	PC1mv/m=30.217mi. INTF10mv/m=11.236mi.
214B	WMRA	Harrisonburg VA	B LI	90.099	145.00	25.574	24.5	216	PC1mv/m=32.425mi. INTF10mv/m=12.826mi.
214D	WMRA	Luray VA	D CP	101.14	162.76	33.602	.13	0	PC1mv/m=3.7842mi. INTF10mv/m=1.2555mi.
215A	WQFS	Greensboro NC	A LI	89.896	144.67	187.83	1.9	61	PC1mv/m=10.633mi. INTF100mv/m=1.0652mi.
215C3	WPIR	Bluefield WV	C3CP	83.592	134.52	264.34	.74	336	PC1mv/m=19.312mi. INTF100mv/m=1.1079mi.
215A	NEW	Charleston WV	A AP	118.5	190.70	301.78	.8	190	PC1mv/m=15.495mi. INTF100mv/m=1.0721mi.
265A	WIQO	Covington VA	A LI	31.453	50.618	326.83	3	-64	REQUIRED SEPARATION 21.9km/13.639mi
265A	WKMY	Princeton WV	A LI	80.333	129.28	266.47	.63	195	REQUIRED SEPARATION 21.9km/13.639mi

Exhibit E-6 - Page 4
Vision Communications, Inc.
Roanoke, Virginia
Identification Of Facilities
On Allocation Study Map

WPVA WANESBORO VA BMPED890523IC 041392
TABULATION OF TV/FM CONTOUR CALCULATIONS ON CHANNEL 211

AZIMUTH	ERP, KW.	HAAT (M)	60/50%	54/10%
0	2.1856	319.74	38.578	57.545
45	2.5	121.31	26.29	38.814
90	2.5	482.2	47.69	72.279
135	2.5	408.74	44.197	66.447
180	2.5	354.18	41.502	61.985
225	2.5	151.79	28.588	42.541
270	1.0563	281.33	30.977	46.43
315	.75625	302.97	30.016	44.766
160	2.5	425.2	44.959	67.753
170	2.5	426.73	45.029	67.876
190	2.5	151.18	28.543	42.471
200	2.5	-22.251	13.399	19.344
210	2.5	-56.693	13.399	19.344
220	2.5	144.78	28.069	41.714
230	2.4108	183.49	30.714	45.808
240	1.2709	204.22	28.271	41.753
250	1.8276	250.85	33.027	49.685
260	2.2658	278.59	36.476	54.447
280	.82369	282.86	29.639	44.138

AREAS, Sq. Km. : 4243.9 9530.4

OVERALL HEIGHT ABOVE AVERAGE TERRAIN = 302.79 (M)

ALL HEIGHTS IN METERS. ALL CONTOUR DISTANCES IN KILOMETERS.

ALL CONTOURS IN DBU AS DETERMINED BY BIVARIATE INTERPOLATION
USING VALUES FROM APPROPRIATE FCC F(50,50) AND F(50,10) CURVES.

FM BLANKETING CONTOUR 115 dBu = .39 MILES, .62 KM.
CALCULATED PURSUANT TO R&R 73.318(a) FOR MAXIMUM ERP.

ED-26 2104

Exhibit E-6 - Page 6
Vision Communications, Inc.
Roanoke, Virginia
NEW FM 210A Lynchburg, VA
Tabulation Of Contours

TABULATION OF TV/FM CONTOUR CALCULATIONS ON CHANNEL 210

AZIMUTH	ERP, KW.	HAAT (M)	60/50%	80/10%
0	.1	211	15.226	4.3935
45	.1	219	15.438	4.4523
90	.1	193	14.751	4.2654
135	.1	168	13.895	4.0068
180	.1	149	13.142	3.7791
225	.1	166	13.816	3.9822
270	.1	179	14.33	4.1455
315	.1	184	14.514	4.2034
185	.1	149	13.142	3.7791
190	.1	150	13.182	3.7906
195	.1	159	13.538	3.8972
200	.1	178	14.291	4.1326
205	.1	180	14.37	4.1584
210	.1	183	14.487	4.1965
215	.1	190	14.672	4.2446
220	.1	170	13.974	4.0316
225	.1	166	13.816	3.9822
230	.1	179	14.33	4.1455
235	.1	177	14.251	4.1199
240	.1	171	14.014	4.0441
245	.1	170	13.974	4.0316
250	.1	172	14.053	4.0567
255	.1	168	13.895	4.0068
260	.1	169	13.935	4.0192
265	.1	173	14.093	4.0692
275	.1	180	14.37	4.1584
280	.1	184	14.514	4.2034
285	.1	184	14.514	4.2034
290	.1	188	14.619	4.2308
300	.1	188	14.619	4.2308
305	.1	186	14.566	4.2171
310	.1	189	14.646	4.2377
315	.1	184	14.514	4.2034
320	.1	184	14.514	4.2034
325	.1	194	14.778	4.2725
330	.1	196	14.83	4.2865
335	.1	199	14.91	4.3076
340	.1	200	14.936	4.3147
355	.1	210	15.2	4.3863

AREAS, Sq. Km. : 652.08 54.338

OVERALL HEIGHT ABOVE AVERAGE TERRAIN = 183.63 (M)

ALL HEIGHTS IN METERS. ALL CONTOUR DISTANCES IN KILOMETERS.

ALL CONTOURS IN DBU AS DETERMINED BY BIVARIATE INTERPOLATION
USING VALUES FROM APPROPRIATE FCC F(50,50) AND F(50,10) CURVES.

FM BLANKETING CONTOUR 115 dBu = .08 MILES, .12 KM.
CALCULATED PURSUANT TO R&R 73.318(a) FOR MAXIMUM ERP.

NEW FM213A MARTINSVILLE VA BPED860130MG 041392
TABULATION OF TV/FM CONTOUR CALCULATIONS ON CHANNEL 213

AZIMUTH	ERP, KW.	HAAT (M)	60/50%	54/10%
0	4.3	56.084	20.432	29.964
45	3.9629	94.184	25.428	37.636
90	4.3	136.25	30.462	45.961
135	1.4968	152.1	25.754	37.665
180	.24768	156.97	16.105	25.069
225	.15523	110.03	12.566	17.6
270	.55728	124.06	18.136	27.323
315	3.1068	103.02	25.188	37.076

AREAS, Sq. Km. : 1584.9 3496.9

OVERALL HEIGHT ABOVE AVERAGE TERRAIN = 116.59 (M)

ALL HEIGHTS IN METERS. ALL CONTOUR DISTANCES IN KILOMETERS.

ALL CONTOURS IN DBU AS DETERMINED BY BIVARIATE INTERPOLATION
USING VALUES FROM APPROPRIATE FCC F(50,50) AND F(50,10) CURVES.

FM BLANKETING CONTOUR 115 dBu = .51 MILES, .82 KM.
CALCULATED PURSUANT TO R&R 73.318(a) FOR MAXIMUM ERP.

WVRU RADFORD VA BLED800922AM 041392
TABULATION OF TV/FM CONTOUR CALCULATIONS ON CHANNEL 210

AZIMUTH	ERP, KW.	HAAT (M)	60/50%	80/10%
0	.5	3.3528	8.7115	2.7858
45	.5	10.668	8.7115	2.7858
90	.5	5.4865	8.7115	2.7858
135	.5	-10.668	8.7115	2.7858
180	.5	27.128	8.7115	2.7858
225	.5	40.844	10.078	3.0605
270	.5	16.155	8.7115	2.7858
315	.5	21.641	8.7115	2.7858

AREAS, Sq. Km. : 248.5 25.012

OVERALL HEIGHT ABOVE AVERAGE TERRAIN = 14.326 (M)

ALL HEIGHTS IN METERS. ALL CONTOUR DISTANCES IN KILOMETERS.

ALL CONTOURS IN DBU AS DETERMINED BY BIVARIATE INTERPOLATION
USING VALUES FROM APPROPRIATE FCC F(50,50) AND F(50,10) CURVES.

FM BLANKETING CONTOUR 115 dBu = .17 MILES, .28 KM.
CALCULATED PURSUANT TO R&R 73.318(a) FOR MAXIMUM ERP.

TABULATION OF TV/FM CONTOUR CALCULATIONS ON CHANNEL 214

AZIMUTH	ERP, KW.	HAAT (M)	60/50%	80/10%
0	3	-38.405	13.93	4.2471
45	3	30.785	13.969	4.2611
90	3	141.43	28.836	9.3363
135	3	121.31	27.309	8.5236
180	3	33.528	14.331	4.3909
225	3	58.522	19.042	5.8438
270	3	58.522	19.042	5.8438
315	3	5.7913	13.93	4.2471

AREAS, Sq. Km. : 1213.9 118.45

OVERALL HEIGHT ABOVE AVERAGE TERRAIN = 51.435 (M)

ALL HEIGHTS IN METERS. ALL CONTOUR DISTANCES IN KILOMETERS.

ALL CONTOURS IN DBU AS DETERMINED BY BIVARIATE INTERPOLATION
USING VALUES FROM APPROPRIATE FCC F(50,50) AND F(50,10) CURVES.

FM BLANKETING CONTOUR 115 dBu = .42 MILES, .68 KM.
CALCULATED PURSUANT TO R&R 73.318(a) FOR MAXIMUM ERP.

1003-190 NEW SUMMERSVILLE WV ¦ N380641 W803555 ¦ ED-23 1003T 1003C ¦ 031091 ¦
TABULATION OF TV/FM CONTOUR CALCULATIONS ON CHANNEL 213

AZIMUTH	ERP, KW.	HAAT (M)	60/50%	40/10%	54/10%	80/10%	100/10%	69.5/10%
0	11	451.41	60.27	141.86	89.727	25.054	5.825	45.181
45	11	263.35	48.396	118.81	71.696	18.184	4.8837	33.342
90	11	163.07	40.414	106.82	60.099	13.977	4.0612	26.947
135	11	224.34	45.778	114.11	67.509	16.253	4.6172	30.948
180	11	191.72	43.357	110.46	63.74	14.995	4.3768	29.074
225	11	201.78	44.114	111.53	64.85	15.261	4.4489	29.652
270	11	392.28	56.885	135.22	84.05	23.094	5.611	41.819
315	11	424.59	58.725	138.91	87.131	24.161	5.728	43.645
10	11	409.63	57.87	137.22	85.698	23.665	5.6737	42.797
20	11	367.84	55.392	132.19	81.653	22.233	5.5033	40.311
30	11	326.05	52.706	126.52	77.625	20.695	5.2952	37.593
40	11	284.25	49.882	121.19	73.7	19.059	5.0335	34.797
50	11	252.21	47.698	117.51	70.607	17.72	4.8127	32.573
60	11	229.92	46.183	114.81	68.162	16.573	4.6603	31.268
70	11	207.64	44.55	112.13	65.545	15.415	4.4917	29.989
80	11	185.35	42.873	109.77	63.065	14.827	4.332	28.709
100	11	176.69	41.97	108.67	61.957	14.516	4.2335	28.062
110	11	190.3	43.25	110.31	63.59	14.958	4.3668	28.994
120	11	203.91	44.273	111.75	65.104	15.317	4.4645	29.774
130	11	217.53	45.281	113.25	66.711	15.676	4.5654	30.557
140	11	220.71	45.514	113.66	67.086	15.76	4.5895	30.738
150	11	213.46	44.981	112.73	66.233	15.569	4.535	30.323
160	11	206.21	44.444	111.99	65.376	15.378	4.4812	29.906
170	11	198.97	43.903	111.24	64.517	15.186	4.4286	29.491
190	11	193.96	43.526	110.71	63.975	15.054	4.3925	29.203
200	11	196.19	43.694	110.94	64.21	15.113	4.4086	29.332
210	11	198.43	43.863	111.18	64.453	15.172	4.4247	29.461
220	11	200.66	44.03	111.41	64.718	15.231	4.4408	29.588
230	11	222.95	45.676	113.94	67.346	16.174	4.6066	30.867
240	11	265.28	48.533	119.04	71.883	18.264	4.8971	33.476
250	11	307.61	51.533	123.86	75.885	20.027	5.2054	36.418
260	11	349.95	54.238	129.79	79.878	21.57	5.4134	39.136
280	11	399.48	57.293	136.05	84.732	23.331	5.637	42.223
290	11	406.64	57.7	136.88	85.413	23.567	5.663	42.628
300	11	413.83	58.11	137.7	86.1	23.805	5.689	43.035
310	11	420.99	58.519	138.51	86.785	24.042	5.7149	43.441
320	11	424.77	58.736	138.93	87.149	24.168	5.7286	43.657
330	11	425.17	58.759	138.98	87.186	24.18	5.7301	43.679
340	11	425.57	58.781	139.02	87.225	24.195	5.7315	43.702
350	11	425.96	58.804	139.07	87.263	24.208	5.733	43.724
136	11	223.61	45.726	114.02	67.425	16.211	4.6116	30.906
209	11	198.2	43.845	111.16	64.425	15.166	4.4231	29.448
	AREAS, Sq. Km. :		7938	47477	17391	1175.3	78.08	4011.4

OVERALL HEIGHT ABOVE AVERAGE TERRAIN = 289.08 (M)

ALL HEIGHTS IN METERS. ALL CONTOUR DISTANCES IN KILOMETERS.

ALL CONTOURS IN DBU AS DETERMINED BY BIVARIATE INTERPOLATION
USING VALUES FROM APPROPRIATE FCC F(50,50) AND F(50,10) CURVES.

FM BLANKETING CONTOUR 115 dBu = .81 MILES, 1.31 KM.
CALCULATED PURSUANT TO R&R 73.318(a) FOR MAXIMUM ERP.

Exhibit E-6 - Page 10
Vision Communications, Inc.
Roanoke, Virginia
NEW Summersville, WV
Tabulation Of Contours

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
1.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
2.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
3.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
4.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
5.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
6.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
7.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
8.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
9.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
10.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
11.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
12.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
13.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
14.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
15.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
16.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
17.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
18.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
19.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
20.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
21.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
22.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
23.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
24.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
25.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
26.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
27.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
28.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
29.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
30.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
31.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
32.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
33.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
34.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
35.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
36.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
37.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
38.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
39.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
40.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
41.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
42.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
43.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
44.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
45.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
46.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
47.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
48.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
49.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
50.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
51.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
52.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
53.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
54.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
55.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
56.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
57.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
58.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
59.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
60.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
61.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
62.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
63.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
64.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
65.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
66.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
67.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
68.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
69.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
70.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
71.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
72.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
73.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
74.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
75.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
76.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
77.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
78.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
79.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
80.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
81.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
82.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
83.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
84.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
85.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
86.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
87.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
88.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
89.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
90.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
91.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
92.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
93.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
94.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
95.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
96.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
97.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
98.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
99.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
100.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
101.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
102.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
103.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
104.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
105.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
106.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
107.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
108.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
109.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
110.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
111.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
112.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
113.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
114.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
115.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
116.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
117.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
118.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
119.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
120.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
121.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
122.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
123.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
124.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
125.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
126.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
127.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
128.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
129.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
130.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
131.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ---
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
132.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
133.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
134.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
135.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
136.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
137.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
138.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
139.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
140.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
141.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
142.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
143.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
144.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
145.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
146.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
147.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
148.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
149.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
150.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
151.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
152.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
153.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
154.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
155.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
156.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
157.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
158.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
159.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
160.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
161.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
162.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
163.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
164.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
165.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
166.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
167.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
168.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
169.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
170.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
171.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
172.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
173.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
174.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
175.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
176.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
177.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
178.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
179.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
180.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
181.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
182.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
183.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
184.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
185.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
186.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
187.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
188.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
189.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
190.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
191.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
192.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
193.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
194.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
195.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
196.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
197.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
198.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
199.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
200.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
201.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
202.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
203.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
204.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
205.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
206.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
207.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
208.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
209.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
210.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
211.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
212.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
213.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
214.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
215.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
216.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
217.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
218.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
219.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
220.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
221.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
222.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
223.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
224.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
225.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
226.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
227.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
228.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
229.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
230.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
231.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
232.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
233.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
234.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
235.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
236.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
237.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
238.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
239.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
240.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
241.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
242.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
243.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
244.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
245.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
246.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
247.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
248.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
249.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
250.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
251.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
252.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
253.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
254.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
255.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
256.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
257.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
258.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
259.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
260.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
261.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
262.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
263.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
264.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
265.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
266.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
267.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
268.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
269.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
270.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
271.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
272.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
273.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
274.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
275.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
276.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
277.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
278.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
279.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
280.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
281.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
282.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
283.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
284.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
285.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
286.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
287.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
288.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
289.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
290.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
291.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
292.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
293.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
294.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
295.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
296.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
297.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
298.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
299.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
300.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
301.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
302.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
303.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
304.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
305.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
306.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
307.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference
--- Site ----
Lat 37-21-45
Lon 79-57-35

----- WVVA Channel 6 -----
C/R 372 m AAT
Latitude: 37-15-21
Longitude: 81-10-55

---- Proposed Ch. 212 ----
C/R 340 m AAT
Latitude: 37-23-09
Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
308.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
309.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
310.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
311.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
312.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
313.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
314.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
315.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
316.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
317.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
318.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
319.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
320.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
321.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
322.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
323.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
324.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
325.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
326.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
327.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
328.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
329.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
330.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
331.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
332.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
333.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
334.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
335.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
336.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
337.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
338.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
339.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
340.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
341.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
342.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
343.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
344.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
345.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
346.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
347.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
348.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
349.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
350.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
351.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Title: Roanoke, VA

Educational FM/TV Channel 6 Interference area

Interference --- Site ----	----- WVVA Channel 6 -----	---- Proposed Ch. 212 ----
Lat 37-21-45	C/R 372 m AAT	C/R 340 m AAT
Lon 79-57-35	Latitude: 37-15-21	Latitude: 37-23-09
	Longitude: 81-10-55	Longitude: 79-40-10

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
352.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
353.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
354.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
355.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
356.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
357.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
358.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8
359.0	.0	83.4	109	476	50.0	47.2	27.5*	264.3	25.8	344	2.02	68.8

Total interference area: .00030 sq km (.00012 sq mi)

Exhibit E-8
Vision Communications, Inc.
Roanoke, Virginia
Environmental Assessment
Power Density Calculation
Based On 'WORST CASE' Values From OST #65

The proposed antenna construction does not require any action covered by FCC R&R 1.1307(a). The following environmental accessment has been prepared as required by FCC R&R 1.1307(b).

The applicant proposes facilities of 2.4 kilowatts effective radiated power circular polarization with an antenna center of radiation ("C/R") 44 meters above ground level.

A point that is 44 meters from the center of radiation of a 2.4 kilowatt array at a vertical radiation angel of 0 degrees is 8.282404E-02 milliwatts per centimeter squared.
The maximum allowable ANSI/FCC limit is 1.0 milliwatts per centimeter squared. The expected power density at 44 meters will be less than the maximum allowable under the restriction mandated by ANSI C95.1-1982.

When visits to the site by authorized personnel require exposure to RF fields in excess of 1.0 mV/cM squared, workers will be instructed that their exposure must not exceed six-minutes. Whenever work must be carried out for a period of time lasting longer than six minutes, exposure will be reduced by spreading the work out over a longer period of time, thus reducing average exposure below the acceptable level. Should it occur that work cannot be performed so that either the individual worker's exposure does not exceed six-minutes, nor could exposure be reduced by spreading the work out over a longer period of time the facility will be shut down.

SECTION VI – EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees? ☐ Yes ☐ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII – CERTIFICATION

1. Has or will the applicant comply with the public notice requirements of 47 C.F.R. Section 73.3580? ☒ Yes ☐ No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. *(See Section 304 of the Communications Act of 1934, as amended.)*

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant	Title
Vision Communications, Inc.	President
Signature	Date
Worth McDonald Miller	April 13, 1992

Worth McDonald Miller

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.