

EXHIBIT E-6

- Mims Community Radio, Inc. at Oak Hill, FL
 CFR 73.525 - Protection to tv 6
 Tabulation of interference area November 1989

Interference
 ---Site-----
 Lat 28-44-21
 Lon 80-53-01

- - - WCPX Channel 6 - - - - -
 center radiation: 445 m AAT
 Latitude: 28-36-08
 Longitude: 81-05-37

- - - Proposed Ch. 202 - - - -
 center radiation: 61 m AAT
 Latitude: 28-44-21
 Longitude: 80-53-01

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)
180.0	4.3	61.9	23.2	452	100	89.0	-5.0	180.0	4.31	61.0	2.00	84.0
181.0	4.3	61.8	23.2	452	100	89.0	-5.0	181.0	4.30	61.0	2.00	84.0
182.0	4.3	61.7	23.1	452	100	89.1	-5.0	182.0	4.29	61.1	2.00	84.0
183.0	4.3	61.5	23.1	452	100	89.1	-5.0	183.0	4.28	61.1	2.00	84.1
184.0	4.3	61.4	23	452	100	89.2	-5.0	184.0	4.27	61.1	2.00	84.1
185.0	4.3	61.3	22.9	452	100	89.2	-5.0	185.0	4.26	61.1	2.00	84.2
186.0	4.2	61.2	22.9	452	100	89.2	-5.0	186.0	4.25	61.1	2.00	84.2
187.0	4.2	61.0	22.8	452	100	89.3	-5.0	187.0	4.24	61.2	2.00	84.3
188.0	4.2	60.9	22.8	452	100	89.3	-5.0	188.0	4.23	61.2	2.00	84.3
189.0	4.2	60.8	22.7	452	100	89.4	-5.0	189.0	4.22	61.2	2.00	84.3
190.0	4.2	60.6	22.7	452	100	89.4	-5.0	190.0	4.21	61.2	2.00	84.4
191.0	4.2	60.5	22.6	452	100	89.4	-5.0	191.0	4.21	61.2	2.00	84.4
192.0	4.2	60.4	22.6	452	100	89.5	-5.0	192.0	4.20	61.2	2.00	84.4
193.0	4.2	60.2	22.5	452	100	89.5	-5.0	193.0	4.19	61.3	2.00	84.5
194.0	4.2	60.1	22.5	452	100	89.6	-5.0	194.0	4.18	61.3	2.00	84.5
195.0	4.2	59.9	22.4	452	100	89.6	-5.0	195.0	4.17	61.3	2.00	84.6
196.0	4.2	59.8	22.4	452	100	89.6	-5.0	196.0	4.16	61.3	2.00	84.6
197.0	4.2	59.7	22.3	452	100	89.7	-5.0	197.0	4.16	61.3	2.00	84.6
198.0	4.2	59.5	22.3	452	100	89.7	-5.0	198.0	4.15	61.4	2.00	84.6
199.0	4.1	59.4	22.3	452	100	89.7	-5.0	199.0	4.14	61.4	2.00	84.7
200.0	4.1	59.2	22.2	452	100	89.8	-5.0	200.0	4.13	61.4	2.00	84.7
201.0	4.1	59.0	22.2	452	100	89.8	-5.0	201.0	4.13	61.4	2.00	84.7
202.0	4.1	58.9	22.1	452	100	89.8	-5.0	202.0	4.12	61.4	2.00	84.8
203.0	4.1	58.7	22.1	452	100	89.9	-5.0	203.0	4.11	61.5	2.00	84.8
204.0	4.1	58.6	22.1	452	100	89.9	-5.0	204.0	4.11	61.5	2.00	84.8
205.0	4.1	58.4	22.0	452	100	89.9	-5.0	205.0	4.10	61.5	2.00	84.9
206.0	4.1	58.2	22.0	452	100	90.0	-5.0	206.0	4.10	61.5	2.00	84.9
207.0	4.1	58.1	22.0	452	100	90.0	-5.0	207.0	4.09	61.5	2.00	84.9
208.0	4.1	57.9	21.9	452	100	90.0	-5.1	208.0	4.10	61.6	2.00	84.9
209.0	4.1	57.8	21.9	452	100	90.0	-5.1	209.0	4.10	61.6	2.00	84.9
210.0	4.1	57.6	21.8	452	100	90.0	-5.1	210.0	4.10	61.6	2.00	84.9
211.0	4.1	57.4	21.8	452	100	90.0	-5.1	211.0	4.10	61.6	2.00	84.9
212.0	4.1	57.3	21.8	452	100	90.0	-5.1	212.0	4.10	61.6	2.00	84.9
213.0	4.1	57.1	21.7	452	100	90.0	-5.1	213.0	4.10	61.6	2.00	84.9
214.0	4.1	56.9	21.7	452	100	90.0	-5.1	214.0	4.10	61.7	2.00	84.9
215.0	4.1	56.7	21.7	452	100	90.0	-5.1	215.0	4.10	61.7	2.00	84.9
216.0	4.1	56.5	21.7	452	100	90.0	-5.1	216.0	4.10	61.7	2.00	84.9
217.0	4.1	56.4	21.6	452	100	90.0	-5.1	217.0	4.10	61.7	2.00	84.9
218.0	4.1	56.2	21.6	452	100	90.0	-5.1	218.0	4.10	61.7	2.00	84.9
219.0	4.1	56.0	21.6	452	100	90.0	-5.1	219.0	4.10	61.8	2.00	84.9
220.0	4.1	55.8	21.6	452	100	90.0	-5.1	220.0	4.11	61.8	2.00	84.9
221.0	4.1	55.7	21.5	452	100	90.0	-5.1	221.0	4.11	61.8	2.00	84.9
222.0	4.1	55.5	21.5	452	100	90.0	-5.1	222.0	4.11	61.8	2.00	84.9
223.0	4.1	55.3	21.5	452	100	90.0	-5.1	223.0	4.11	61.8	2.00	84.9
224.0	4.1	55.1	21.5	452	100	90.0	-5.1	224.0	4.11	61.9	2.00	84.9

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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)
225.0	4.1	54.9	21.5	452	100	90.0	-5.1	225.0	4.11	61.9	2.00	84.9
226.0	4.1	54.7	21.5	452	100	90.0	-5.1	226.0	4.11	61.9	2.00	84.9
227.0	4.1	54.5	21.5	452	100	90.0	-5.1	227.0	4.11	61.9	2.00	84.9
228.0	4.1	54.3	21.4	452	100	90.0	-5.1	228.0	4.11	61.8	2.00	84.9
229.0	4.1	54.2	21.4	452	100	90.0	-5.1	229.0	4.11	61.8	2.00	84.9
230.0	4.1	54.0	21.4	452	100	90.0	-5.1	230.0	4.11	61.8	2.00	84.9
231.0	4.1	53.8	21.4	452	100	90.0	-5.1	231.0	4.11	61.8	2.00	84.9
232.0	4.1	53.6	21.4	452	100	90.0	-5.1	232.0	4.11	61.8	2.00	84.9
233.0	4.1	53.4	21.4	452	100	90.0	-5.1	233.0	4.11	61.8	2.00	84.9
234.0	4.1	53.2	21.4	452	100	90.0	-5.1	234.0	4.11	61.8	2.00	84.9
235.0	4.1	53.0	21.4	452	100	90.0	-5.1	235.0	4.10	61.8	2.00	84.9
236.0	4.1	52.8	21.4	452	100	90.0	-5.1	236.0	4.10	61.8	2.00	84.9
237.0	4.1	52.6	21.4	452	100	90.0	-5.1	237.0	4.10	61.7	2.00	84.9
238.0	4.1	52.4	21.4	452	100	90.0	-5.1	238.0	4.10	61.7	2.00	84.9
239.0	4.1	52.2	21.5	452	100	90.0	-5.1	239.0	4.10	61.7	2.00	84.9
240.0	4.1	52.1	21.5	452	100	90.0	-5.1	240.0	4.10	61.7	2.00	84.9
241.0	4.1	51.9	21.5	452	100	90.0	-5.1	241.0	4.10	61.7	2.00	84.9
242.0	4.1	51.7	21.5	452	100	90.0	-5.1	242.0	4.10	61.7	2.00	84.9
243.0	4.1	51.5	21.5	452	100	90.0	-5.1	243.0	4.10	61.7	2.00	84.9
244.0	4.1	51.3	21.5	452	100	90.0	-5.1	244.0	4.10	61.7	2.00	84.9
245.0	4.1	51.1	21.5	452	100	90.0	-5.1	245.0	4.10	61.6	2.00	84.9
246.0	4.1	50.9	21.5	452	100	90.0	-5.1	246.0	4.10	61.6	2.00	84.9
247.0	4.1	50.8	21.6	452	100	90.0	-5.1	247.0	4.10	61.6	2.00	84.9
248.0	4.1	50.6	21.6	452	100	90.0	-5.1	248.0	4.10	61.6	2.00	84.9
249.0	4.1	50.4	21.6	452	100	90.0	-5.1	249.0	4.10	61.6	2.00	84.9
250.0	4.1	50.2	21.6	452	100	90.0	-5.1	250.0	4.10	61.6	2.00	84.9
251.0	4.1	50.0	21.7	452	100	90.0	-5.1	251.0	4.10	61.6	2.00	84.9
252.0	4.1	49.9	21.7	452	100	90.0	-5.1	252.0	4.10	61.6	2.00	84.9
253.0	4.1	49.7	21.7	452	100	90.0	-5.1	253.0	4.10	61.6	2.00	84.9
254.0	4.1	49.5	21.7	452	100	90.0	-5.1	254.0	4.10	61.5	2.00	84.9
255.0	4.1	49.3	21.8	452	100	90.0	-5.1	255.0	4.10	61.5	2.00	84.9
256.0	4.1	49.2	21.8	452	100	90.0	-5.1	256.0	4.10	61.5	2.00	84.9
257.0	4.1	49.0	21.8	452	100	90.0	-5.1	257.0	4.10	61.5	2.00	84.9
258.0	4.1	48.8	21.9	452	100	90.0	-5.1	258.0	4.10	61.5	2.00	84.9
259.0	4.1	48.7	21.9	452	100	90.0	-5.1	259.0	4.10	61.5	2.00	84.9
260.0	4.1	48.5	21.9	452	100	90.0	-5.0	260.0	4.09	61.5	2.00	84.9
261.0	4.1	48.4	22.0	452	100	90.0	-5.0	261.0	4.09	61.5	2.00	84.9
262.0	4.1	48.2	22.0	452	100	89.9	-5.0	262.0	4.10	61.5	2.00	84.9
263.0	4.1	48.0	22.0	452	100	89.9	-5.0	263.0	4.11	61.4	2.00	84.8
264.0	4.1	47.9	22.1	452	100	89.9	-5.0	264.0	4.11	61.4	2.00	84.8
265.0	4.1	47.7	22.1	452	100	89.9	-5.0	265.0	4.12	61.4	2.00	84.8
266.0	4.1	47.6	22.2	452	100	89.8	-5.0	266.0	4.12	61.4	2.00	84.8
267.0	4.1	47.4	22.2	452	100	89.8	-5.0	267.0	4.13	61.4	2.00	84.7
268.0	4.1	47.2	22.2	452	100	89.8	-5.0	268.0	4.14	61.4	2.00	84.7
269.0	4.2	47.1	22.3	452	100	89.7	-5.0	269.0	4.15	61.4	2.00	84.6

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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)
270.0	4.2	47.0	22.3	452	100	89.7	-5.0	270.0	4.15	61.4	2.00	84.6
271.0	4.2	46.8	22.4	452	100	89.7	-5.0	271.0	4.16	61.2	2.00	84.6
272.0	4.2	46.7	22.4	452	100	89.6	-5.0	272.0	4.16	61.1	2.00	84.6
273.0	4.2	46.5	22.5	452	100	89.6	-5.0	273.0	4.17	61.0	2.00	84.5
274.0	4.2	46.4	22.5	452	100	89.5	-5.0	274.0	4.18	60.9	2.00	84.5
275.0	4.2	46.2	22.6	452	100	89.5	-5.0	275.0	4.18	60.7	2.00	84.4
276.0	4.2	46.1	22.6	452	100	89.5	-5.0	276.0	4.19	60.6	2.00	84.4
277.0	4.2	46.0	22.7	452	100	89.4	-5.0	277.0	4.19	60.5	2.00	84.4
278.0	4.2	45.9	22.7	452	100	89.4	-5.0	278.0	4.20	60.4	2.00	84.3
279.0	4.2	45.7	22.8	452	100	89.3	-5.0	279.0	4.20	60.2	2.00	84.3
280.0	4.2	45.6	22.8	452	100	89.3	-5.0	280.0	4.21	60.1	2.00	84.2
281.0	4.2	45.5	22.9	452	100	89.2	-5.0	281.0	4.22	60	2.00	84.2
282.0	4.2	45.4	22.9	452	100	89.2	-5.0	282.0	4.22	59.9	2.00	84.2
283.0	4.2	45.3	23	452	100	89.2	-5.0	283.0	4.23	59.8	2.00	84.1
284.0	4.2	45.2	23.1	452	100	89.1	-5.0	284.0	4.24	59.6	2.00	84.1
285.0	4.2	45.1	23.1	452	100	89.1	-5.0	285.0	4.24	59.5	2.00	84.0
286.0	4.2	44.9	23.2	452	100	89.0	-5.0	286.0	4.25	59.4	2.00	84.0
287.0	4.3	44.8	23.2	452	100	89.0	-5.0	287.0	4.26	59.3	2.00	83.9
288.0	4.3	44.8	23.3	452	100	88.9	-5.0	288.0	4.26	59.1	2.00	83.9
289.0	4.3	44.7	23.4	452	100	88.9	-5.0	289.0	4.27	59	2.00	83.9
290.0	4.3	44.6	23.4	452	100	88.8	-5.0	290.0	4.28	58.9	2.00	83.8
291.0	4.3	44.5	23.5	452	100	88.8	-5.0	291.0	4.29	58.8	2.00	83.7
292.0	4.3	44.4	23.6	452	100	88.7	-5.0	292.0	4.29	58.6	2.00	83.7
293.0	4.3	44.3	23.6	452	100	88.7	-5.0	293.0	4.30	58.5	2.00	83.7
294.0	4.3	44.2	23.7	452	100	88.6	-5.0	294.0	4.31	58.4	2.00	83.6
295.0	4.3	44.1	23.8	452	100	88.6	-5.0	295.0	4.32	58.3	2.00	83.6
296.0	4.3	44.1	23.8	452	100	88.5	-5.0	296.0	4.32	58.1	2.00	83.5
297.0	4.3	44.0	23.9	452	100	88.5	-5.0	297.0	4.33	58.0	2.00	83.5
298.0	4.3	43.9	24.0	452	100	88.4	-5.0	298.0	4.34	57.9	2.00	83.4
299.0	4.3	43.8	24.0	452	100	88.4	-5.0	299.0	4.35	57.8	2.00	83.4
300.0	4.4	43.8	24.1	452	100	88.3	-5.0	300.0	4.36	57.6	2.00	83.3
301.0	4.4	43.7	24.2	452	100	88.3	-5.0	301.0	4.37	57.5	2.00	83.2
302.0	4.4	43.7	24.3	452	100	88.2	-5.0	302.0	4.38	57.4	2.00	83.2
303.0	4.4	43.6	24.3	452	100	88.1	-5.0	303.0	4.38	57.3	2.00	83.2
304.0	4.4	43.6	24.4	452	100	88.1	-5.0	304.0	4.38	57.1	2.00	83.1
305.0	4.4	43.5	24.5	452	100	88.0	-5.0	305.0	4.39	57.0	2.00	83.1
306.0	4.4	43.5	24.6	452	100	88.0	-5.0	306.0	4.40	56.9	2.00	83.0
307.0	4.4	43.4	24.6	452	100	87.9	-5.0	307.0	4.41	56.8	2.00	82.9
308.0	4.4	43.4	24.7	452	100	87.9	-5.0	308.0	4.42	56.6	2.00	82.9
309.0	4.4	43.3	24.8	452	100	87.8	-4.9	309.0	4.43	56.5	2.00	82.8
310.0	4.4	43.3	24.9	452	100	87.8	-4.9	310.0	4.43	56.4	2.00	82.8
311.0	4.4	43.3	24.9	452	100	87.7	-4.9	311.0	4.44	56.3	2.00	82.8
312.0	4.5	43.3	25.0	452	100	87.6	-4.9	312.0	4.45	56.2	2.00	82.7
313.0	4.5	43.2	25.1	452	100	87.6	-4.9	313.0	4.46	56.0	2.00	82.6
314.0	4.5	43.2	25.2	452	100	87.5	-4.9	314.0	4.47	55.9	2.00	82.6

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315.0	4.5	43.2	25.2	452	100	87.5	-4.9	315.0	4.48	55.8	2.00	82.5
316.0	4.5	43.2	25.3	452	100	87.4	-4.9	316.0	4.49	55.9	2.00	82.5
317.0	4.5	43.2	25.4	452	100	87.4	-4.9	317.0	4.51	55.9	2.00	82.4
318.0	4.5	43.1	25.5	452	100	87.3	-4.9	318.0	4.53	56	2.00	82.4
319.0	4.6	43.1	25.6	452	100	87.3	-4.9	319.0	4.55	56.1	2.00	82.3
320.0	4.6	43.1	25.6	452	100	87.2	-4.9	320.0	4.56	56.1	2.00	82.3
321.0	4.6	43.1	25.7	452	100	87.1	-4.9	321.0	4.58	56.2	2.00	82.2
322.0	4.6	43.1	25.8	452	100	87.1	-4.9	322.0	4.60	56.3	2.00	82.2
323.0	4.6	43.0	25.9	452	100	87.0	-4.9	323.0	4.62	56.4	2.00	82.1
324.0	4.6	43.0	26.0	452	100	87.0	-4.9	324.0	4.64	56.4	2.00	82.0
325.0	4.6	43.0	26.1	452	100	86.9	-4.9	325.0	4.65	56.5	2.00	82.0
326.0	4.7	43.0	26.1	452	100	86.9	-4.9	326.0	4.67	56.6	2.00	82.0
327.0	4.7	43.0	26.2	452	100	86.8	-4.9	327.0	4.69	56.7	2.00	81.9
328.0	4.7	43.0	26.3	452	100	86.7	-4.9	328.0	4.71	56.7	2.00	81.8
329.0	4.7	43.0	26.4	452	100	86.7	-4.9	329.0	4.73	56.8	2.00	81.8
330.0	4.7	43.1	26.5	452	100	86.6	-4.9	330.0	4.74	56.9	2.00	81.8
331.0	4.8	43.1	26.6	452	100	86.6	-4.9	331.0	4.76	57.0	2.00	81.7
332.0	4.8	43.1	26.6	452	100	86.5	-4.9	332.0	4.78	57.0	2.00	81.6
333.0	4.8	43.1	26.7	452	100	86.5	-4.9	333.0	4.79	57.1	2.00	81.6
334.0	4.8	43.2	26.8	452	100	86.4	-4.8	334.0	4.81	57.2	2.00	81.5
335.0	4.8	43.2	26.9	452	100	86.3	-4.8	335.0	4.82	57.3	2.00	81.5
336.0	4.8	43.2	27.0	452	100	86.3	-4.8	336.0	4.84	57.3	2.00	81.4
337.0	4.9	43.3	27.1	452	100	86.2	-4.8	337.0	4.86	57.4	2.00	81.4
338.0	4.9	43.3	27.2	452	100	86.2	-4.8	338.0	4.88	57.5	2.00	81.3
339.0	4.9	43.3	27.2	452	100	86.1	-4.8	339.0	4.90	57.5	2.00	81.3
340.0	4.9	43.4	27.3	452	100	86.1	-4.8	340.0	4.91	57.6	2.00	81.3
341.0	4.9	43.4	27.4	452	100	86.0	-4.8	341.0	4.93	57.7	2.00	81.2
342.0	5.0	43.5	27.5	452	100	86.0	-4.8	342.0	4.95	57.8	2.00	81.1
343.0	5.0	43.5	27.6	452	100	85.9	-4.8	343.0	4.97	57.8	2.00	81.1
344.0	5.0	43.6	27.7	452	100	85.9	-4.8	344.0	4.98	57.9	2.00	81.1
345.0	5.0	43.7	27.7	452	100	85.8	-4.8	345.0	5	58.0	2.00	81.0
346.0	5.0	43.7	27.8	452	100	85.7	-4.8	346.0	5.02	58.1	2.00	81.0
347.0	5.0	43.8	27.9	452	100	85.7	-4.8	347.0	5.04	58.1	2.00	80.9
348.0	5.0	43.9	28.0	452	100	85.6	-4.8	348.0	5.05	58.2	2.00	80.9
349.0	5.1	43.9	28.1	452	100	85.6	-4.8	349.0	5.07	58.3	2.00	80.8
350.0	5.1	44.0	28.2	452	100	85.5	-4.8	350.0	5.09	58.4	2.00	80.8
351.0	5.1	44.1	28.2	452	100	85.5	-4.8	351.0	5.10	58.4	2.00	80.7
352.0	5.1	44.2	28.3	452	100	85.4	-4.7	352.0	5.12	58.5	2.00	80.7
353.0	5.1	44.3	28.4	452	100	85.4	-4.7	353.0	5.14	58.6	2.00	80.6
354.0	5.1	44.4	28.5	452	100	85.3	-4.7	354.0	5.15	58.7	2.00	80.6
355.0	5.2	44.5	28.6	452	100	85.3	-4.7	355.0	5.17	58.7	2.00	80.5
356.0	5.2	44.5	28.6	452	100	85.2	-4.7	356.0	5.19	58.8	2.00	80.5
357.0	5.2	44.6	28.7	452	100	85.2	-4.7	357.0	5.20	58.9	2.00	80.5
358.0	5.2	44.7	28.8	452	100	85.1	-4.7	358.0	5.21	58.9	2.00	80.4
359.0	5.2	44.9	28.9	452	100	85.1	-4.7	359.0	5.22	59.0	2.00	80.4

Total interference area: 73.9007 sq km (28.5332 sq mi)

WCPX-TV 68 dBu

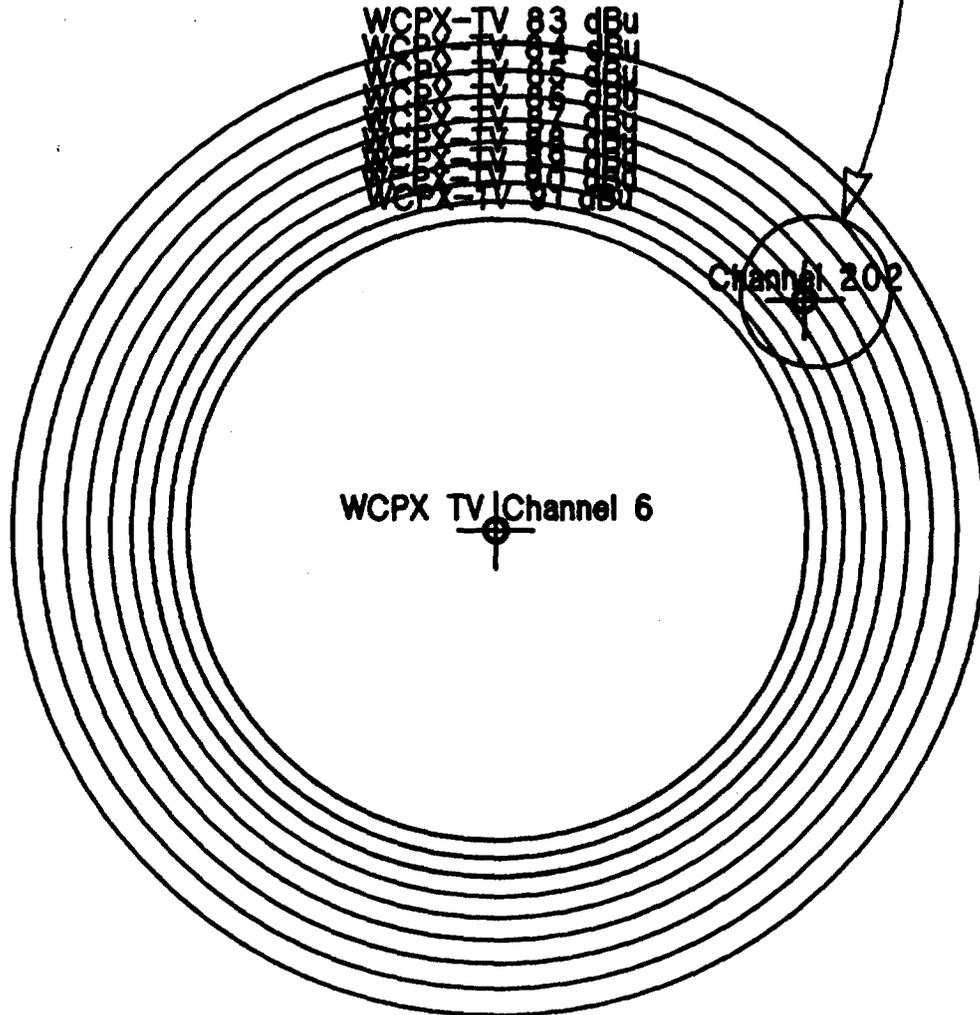
EXHIBIT E-6 INTERFERENCE AREA
TO WCPX

Mims Community Radio, Inc.

11/89



Scale: 1:500,000



Sectional
Aero Chart

1:500,000 scale

Exhibit E-6
Mims Community Radio, Inc.
November 1989

- WCPX TV
- 83dBu
 - 84dBu
 - 85dBu
 - 86dBu
 - 87dBu
 - 88dBu
 - 89dBu
 - 90dBu
 - 91dBu

WCPX TV
SIX

ORLANDO
SEE TWR FREQUENCIES

R-2921 SHILO MOA
R-2928
R-2922
R-2926

152
ROCKLEDGE AIRPARK
25-20 122.7

SATELLITE
251 SQT

MIAMI
FLIGHT WATCH

KILOMETERS	10	0	10	20	30
NAUTICAL MILES	10	0	10	10	20
STATUTE MILES	10	0	10	10	20



R.34E R.35E R.36E R.37E R.38E

EXHIBIT E-6

NORTH

BREVARD COUNTY FLORIDA 1990 CENSUS TRACTS

INTERFERENCE AREA TO TV
SIX (WCPX) PLOTTED ON
CENSUS MAP.

CH 20201 Mims Comm. Radio

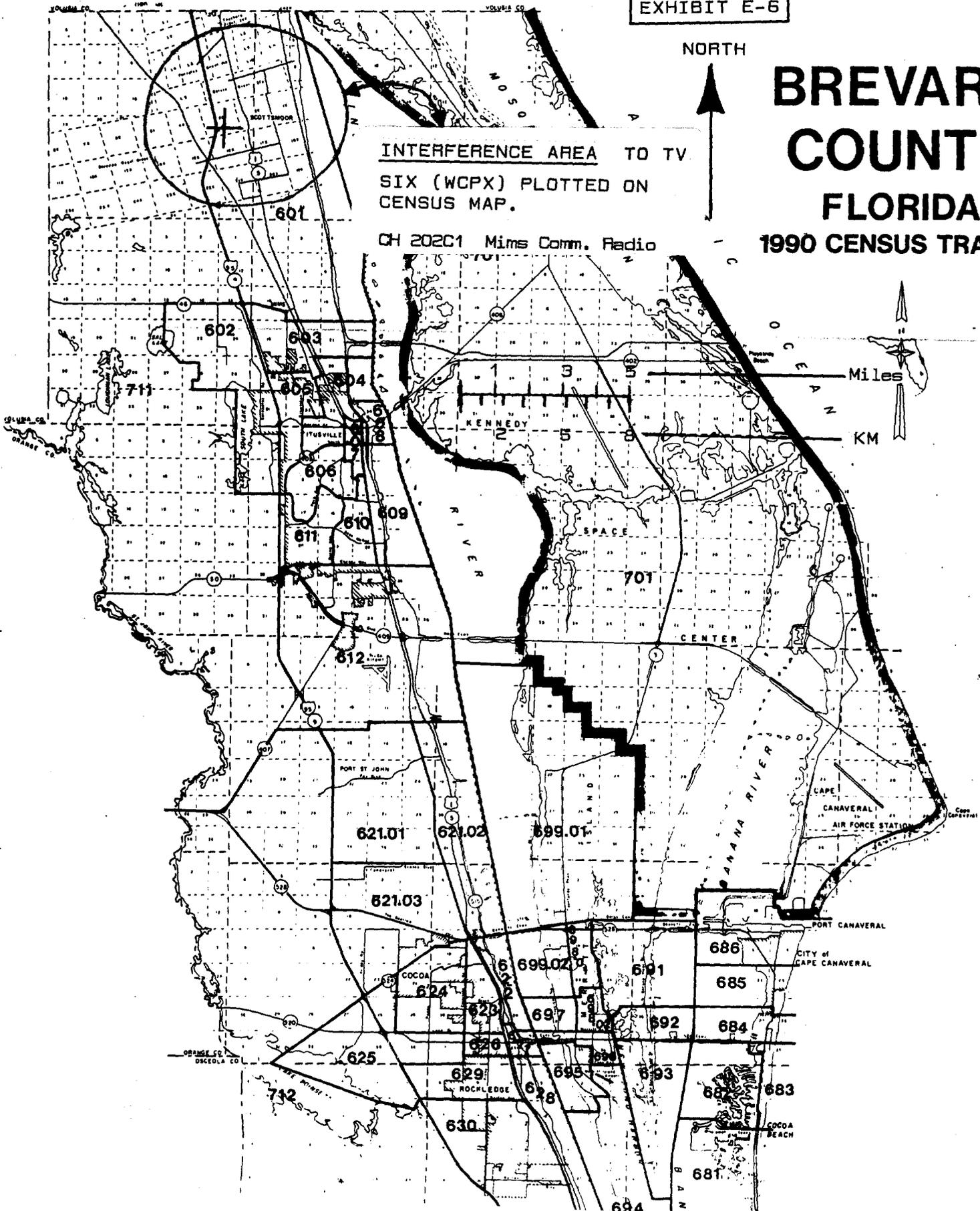


EXHIBIT E-6

PROTECTION TO TV SIX (CFR 73.525)

Mims Community Radio, Inc.
 Channel 202C1 at Oak Hill, Florida
 November, 1989

It can be seen on the census tract map on the preceding page, that the interference area lies completely within census tract No. 601. Using a polar planimeter, it is found that the interference area occupies 30 per cent of the tract (601).

From the table below, using the 1985 census figure for tract 601, it is found that 6,120 persons reside in the tract. There are 7,367 predicted to reside in the tract at the 1990 census counting. The number of residents receiving interference in either case, is less than 3000. CFR 73.525 allows that up to 3000 persons may be predicted to receive interference.

30% of 6,120 = 1,836

30% of 7,367 = 2,210

NORTH MAINLAND
 POPULATION PROJECTIONS
 BY CENSUS TRACT AND TRAFFIC ZONES

Tract	Taz	1970	1980	1985	1990	1995	2000	2005	2010
CT 601		5,256	5,536	6,120	7,367	8,559	9,846	11,429	12,861
601	1	624	1,022	1,280	1,651	2,140	2,677	3,484	4,240
601	2	1,604	1,845	2,168	2,657	3,095	3,499	3,704	4,012
601	3	1,200	1,381	1,567	2,008	2,309	2,693	3,284	3,675
601	4	1,507	967	778	734	703	667	647	624
601	5	321	321	327	317	312	310	310	310
CT 602		2,999	3,671	4,675	5,527	6,353	7,168	7,927	8,708
602	6	362	405	469	555	636	753	850	954
602	7	1,220	1,357	1,986	2,361	2,759	3,173	3,500	3,866
602	8	1,297	1,387	1,448	1,624	1,796	1,857	2,033	2,191
602	9	120	522	772	987	1,162	1,385	1,544	1,697
CT 603		2,863	2,869	3,613	4,162	4,655	5,207	5,705	6,199
603	10	310	451	696	941	1,119	1,347	1,513	1,673
603	11	0	30	124	191	244	324	380	438
603	12	39	116	450	665	902	1,071	1,278	1,491
603	13	2,514	2,272	2,343	2,365	2,390	2,465	2,534	2,597
CT 604		3,565	3,670	4,112	4,656	4,758	5,183	5,554	5,937
604	14	306	525	819	1,164	1,242	1,434	1,597	1,772
604	15	1,176	1,191	1,332	1,440	1,414	1,478	1,533	1,581
604	16	814	835	850	874	828	835	850	865
604	17	1,269	1,119	1,111	1,178	1,274	1,436	1,574	1,719
CT 605		4,656	4,408	4,722	4,957	5,255	5,569	5,866	6,121
605	18	2,158	1,965	2,122	2,187	2,239	2,344	2,431	2,513
605	19	1,537	1,596	1,461	1,420	1,391	1,390	1,385	1,380
605	20	75	0	0	0	0	0	0	0
605	21	886	847	1,139	1,350	1,625	1,835	2,050	2,228
CT 606		3,302	3,540	4,850	5,480	6,925	7,568	8,364	9,125
606	22	1,510	1,777	2,454	2,810	3,609	3,704	4,007	4,309
606	23	1,195	1,480	2,058	2,243	2,542	2,852	3,152	3,412
606	24	597	283	338	427	774	1,012	1,205	1,404

Mims Community Radio, Inc.
Channel 202C1 at Oak Hill, Florida

To be included with FCC form 340, Application to Construct or Make
Changes in an Existing Commercial Broadcast Station.

CERTIFICATION OF SITE AVAILABILITY

1. The applicant certifies that it has reasonable assurance in good faith that the site or structure proposed in Section V-B, Form 340, as the location of its transmitting antenna, will be available to the applicant for applicant's intended purpose.

YES X NO

If no, explain fully:

2. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

 Randy Henry (407) 267 3000
Name of person contacted Telephone Number

Person contacted (check one):

Owner Owner's Agent Other X see note below

 Mary Jo Loney (Sec.)
Applicant's Signature

 11/24/89
Date

Note: The proposed structure is owned by Florida Public Radio, Inc., which has granted permission for two mutually exclusive applicants, the other of which is yet to be filed. Randy Henry is president of the nonprofit corporation that owns the tower, who also has prepared the engineering section of this application.

LD

900327MA

SOUTHMAYD SIMPSON & MILLER

A Professional Corporation

1233 Twentieth Street, N.W.
Second Floor
Washington, D.C. 20036
Telephone: (202) 331-4100
Telecopier: (202) 331-4123

MAR 28 2 54 PM '90

March 27, 1990
AUDIO SERVICES

**ORIGINAL
RECEIVED**

MAR 27 1990

Federal Communications Commission
Office of the Secretary

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
Room 222
1919 M Street, N.W.
Washington, D.C. 20554

RECEIVED
MAR 29 1990
FM EXAMINERS

Re: 8920-CMJ
BPED-891127MD
Oak Hill, FL

Dear Ms. Searcy:

Transmitted herewith, in triplicate, on behalf of Mims Community Radio, Inc. ("Mims") is a minor amendment to the above-referenced application. This amendment is submitted in response to FCC Correspondence 8920-CMJ.

In FCC Correspondence 8920-CMJ, Mims was directed to submit information pertaining RF radiation compliance and to explain the discrepancy in the coordinates listed in its FM application and those listed for the AM station tower on which Mims proposed to sidemount its antenna (i.e., the WPGS site).

Exhibit #900307-4 hereto consists of an engineering analysis which demonstrates that Mim's proposed facility would not exceed the ANSI limits expressed in OST bulletin No. 65.

Moreover, as delineated herein, the coordinates proposed in Mim's application are correct. Apparently, the coordinates listed with respect to the AM facility are slightly incorrect and corrective action is concurrently being initiated by that facility.

Should you have any questions concerning this matter, please contact the undersigned.

Very truly yours,

Stephen C. Simpson
Stephen C. Simpson

Attachment A

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

JAN 19 1990

IN REPLY REFER TO:

8920-CMJ

Central Florida Educational
Foundation, Inc.
2607 S Woodland Blvd
Suite 101
DeLand, Florida 32720

Bible Broadcasting Network, Inc.
P.O. Box 1818
Chesapeake, Virginia 23320-1818

Robert D. Augsburg, President
Southwest Florida Community Radio, Inc.
P.O. Box 061275
Fort Myers, Florida 33906

Hispanic Broadcast System, Inc.
Box 980
Quebradillas, Puerto Rico 00742

Palm Bay Public Radio, Inc.
P.O. Box 1020
Palm Bay, Florida 32936

Mims Community Radio, Inc.
2320 Railroad Avenue
Mims, Florida 32754

In re: NEW(FM), Union Park, Florida
Central Florida Educational
Foundation, Inc.
BPED-881207MA

NEW(FM), Conway, Florida
Bible Broadcasting Network, Inc.
BPED-890412MJ

NEW(FM), Conway, Florida
Southwest Florida Community
Radio, Inc.
BPED-891127MC

RECEIVED

MAR 27 1990

Federal Communications Commission
Office of the Secretary

NEW(FM), Lake Mary, Florida
Hispanic Broadcast System, Inc.
BPED-891128ME

NEW(FM), Mims, Florida
Palm Bay Public Radio, Inc.
BPED-891127MB

NEW(FM), Oak Hill, Florida
Mims Community Radio, Inc.
BPED-891127MD

MAR 28 2 54 PM '90
FEDERAL COMMUNICATIONS COMMISSION
AUDIO SERVICES

Dear Applicants:

This refers to the above-captioned applications for new noncommercial educational FM broadcast stations on Channel 202C2 in Union Park, Florida; on Channel 202C2 in Conway, Florida; on Channel 202C3 in Conway, Florida; on Channel 202C3 in Lake Mary, Florida; on Channel 203A in Mims, Florida; and on Channel 202C1 in Oak Hill, Florida.

An engineering study of the applications reveals that the proposed facilities would be mutually exclusive. The subsequent grant of any of these applications would normally occur only after a comparative hearing. However, the policy of the Commission is to avoid sending educational applicants to hearing, if at all possible, so that the substantial delays and expenses involved in the hearing process can be avoided. This policy finds its underpinnings in the inability of many educational applicants to bear the costs (such as legal fees) that they would incur in prosecuting mutually exclusive applications through the hearing process.

Accordingly, we are taking this opportunity to make you aware of your application's mutual exclusivity. We will withhold further action with respect to the subject applications for a period of sixty (60) days so that you have an opportunity to evaluate the situation and hopefully take such steps as would remove the mutual exclusivity. Possible alternatives include the use of directional antennas for mutual protection, decreases in operating power or antenna heights, and frequency changes to increase the spectral separation of the proposed facilities. Share-time agreements between mutually exclusive educational applicants have also been employed to avoid designating their applications for hearing.

In sum, we urge you to communicate with each other concerning the mutual exclusivity issue and, if possible, to amend your applications so as to remove the present conflict between them. Please note that any amendment should be submitted in triplicate to the Secretary of the Commission and signed in the same manner as the original application.

In addition, our engineering study of the application for Central Florida Educational Foundation, Inc. (hereafter "Central") reveals that the values for the predicted distances along the standard radials to the 1 mV/m contour listed in Section V-B, Item 15 of FCC Form 340 are in error. We calculate that the distances given for the 1 mV/m contour are too small by approximately 9% each. These distances are important, since the area and the population contained within the 1 mV/m contour are determined by using them. These discrepancies require Central to file a corrective amendment, which must include a revised contour map.

Moreover, the values listed by Central in Section V-G, Item 5 of FCC Form 340 for the overall heights above ground and mean sea level (including obstruction lighting) do not agree with the values on file with our Antenna Survey Branch. Central lists the values as 470.3 meters and 490.1 meters, while our Antenna Survey Branch lists them as 490.4 meters and 510.2 meters, respectively. Therefore, Central must either amend its application to show the correct heights, along with a corrected tower sketch, or inform the Federal Aviation Administration (FAA) of the actual tower heights.

Also, Central states in its engineering exhibit that it is working closely with the director of engineering for TV Channel 6 station WCPX-TV, Orlando, Florida to insure that no interference problems will result in the event its application is granted. Therefore, a letter of agreement from the director of engineering of WCPX-TV should also be submitted with its amendment, or an engineering study to show compliance with the provisions of 47 C.F.R. § 73.525.

Furthermore, the applications for Mims Community Radio, Inc. (hereafter "Mims") and Palm Bay Public Radio, Inc. (hereafter "Palm") each note that its proposed site is located on the existing tower for AM Station WPGS. However, the coordinates listed in each application do not agree with those on record for WPGS. The Commission's records show WPGS as having been licensed at coordinates 28° 44' 17" NL, 80° 52' 52" WL in license BL-860425AG. Mims and Palm's proposals each list the coordinates of this tower as being 28° 44' 21" NL, 80° 53' 01" WL. Accordingly, Mims and Palm must separately submit amendments to their respective applications to correct or explain the coordinate discrepancy.

Finally, engineering studies on Palm's and Mims' applications based upon OST Bulletin No. 65, October 1985 entitled "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation" reveals that the ANSI limit may be significantly exceeded in the area immediately surrounding the tower base. Therefore, Palm and Mims must submit showings pursuant to the enclosed Public Notice dated January 28, 1986, Mimeo 2278. Note that your showings must include the total contribution of radiation from all FM, AM, and TV stations on and in the immediate vicinity of the tower. Your showings must also include a description of all steps taken to comply with the above-mentioned OST Bulletin. You must specify height and distance from the tower base of any fence that must be erected.

Further action on all applications will be withheld for a period of sixty days from the date of this letter to provide an opportunity to reply. Central, Palm, and Mims are required to submit the requested amendments within this 60 day time period. Failure to respond within this time period may result in the dismissal of the application pursuant to 47 C.F.R. § 73.3568(b). Please note that any amendment must be submitted in triplicate to the Secretary of the Commission and signed in the same manner as the original application.

Sincerely,



Dennis Williams
Chief, FM Branch
Audio Services Division
Mass Media Bureau

cc: Richard J. Hayes, Jr.
Smithwick & Belendiuk, P.C.
Gammon & Grange
James L. Oyster
Daniel McMurphy
Southmayd, Simpson & Miller

Attachment B

 MIMS COMMUNITY RADIO, INC.

2320 Railroad Ave, Mims, Florida 32754

March 7, 1990

Ms. Donna R. Searcy
Secretary, FCC
1919 M St NW
Washington, D.C. 20554

In re: 8920-CMJ
BPED-891127MD
NEW (FM) at Oak Hill, FL

Dear Ms. Searcy:

Transmitted herewith, in triplicate, is the response to the Commission's letter Dated January 19, 1990.

The letter requested a clarification of the coordinates of the proposed facility, and it asked for a determination of compliance with ANSI guidelines for human exposure to radio frequency.

Both are dealt with in this filing, which was required within 60 days of the date of the Commission's letter. The filing is therefore timely.

Sincerely,



Roberta Griffith

Enclosure

NEW (FM) at Oak Hill, FL
Mims Community Radio, Inc.
File # BPED891127MD
March 7, 1990

SUPPLEMENTAL ENGINEERING EXHIBITS
REQUESTED IN COMMISSION LETTER DATED JANUARY 19, 1990

TABLE OF CONTENTS

<u>Exhibit #</u>	<u>Exhibit Subject</u>
900307-1	Discussion of Issues
900307-2	FCC Authorization at Proposed Coordinates
900307-3	FAA Authorization at Proposed Coordinates
900307-4	Potential Environmental Significance

Prepared for
Mims Community Radio, Inc. by
Technical Director: Randy Henry

Randy Henry

March 7, 1990

Date

EXHIBIT # 900307-1

NEW (FM) at Oak Hill, FL
Mims Community Radio, Inc.
BPED 891127MD
March 7, 1990

DISCUSSION

In a letter from Mr. Dennis Williams, Chief, FM Branch, dated January 19, 1990, two issues were raised concerning the above-captioned application. They are

- 1) coordinates of proposed facility
- 2) ANSI limits, or environmental significance of proposal

The applicant's proposed facility is found not to exceed the ANSI limits of OST Bulletin No. 65. The details of that finding are expressed in Exhibit # 900307-4 of this filing.

The coordinates proposed in the application (28° 44' 21" 80° 53' 01") are true and correct in that they are:

- 1) the coordinates authorized by a modified CP (attached)
- 2) the coordinates authorized for construction of the tower by the FAA (authorization attached)

The license application for the AM station was submitted by Bromo Communications, an engineering consulting firm, which inadvertently submitted the original coordinates. This mixup caused the license to be issued showing the original coordinates and was never corrected.

The distance between the two sets of coordinates is about 800 feet. The AM facility is arranging for a correction of the coordinates to be filed. The coordinates shown on the Mims Community application may therefore stand.

United States of America
FEDERAL COMMUNICATIONS COMMISSION

FCC 351
June 1984

File No.: BMP-850423AE
Call Sign: WNUY

AM BROADCAST STATION CONSTRUCTION PERMIT

1. Permittee:

RANDY E. HENRY

2. Station location : Scottsmoor, FL
3. Transmitter location : 1.3 miles SW of Scottsmoor,
Florida

North Latitude..... : 28° 44' 21"
West Longitude : 80° 53' 01"

4. Main studio location :
*(Listed only if not at transmitter site or not within
boundaries of principal community.)*

5. Remote control location..... :

6. Transmitter..... : Type accepted
*(See Section 73.1660, 73.1665 and 73.1670 of the
Commission's Rules.)*

7. Antenna and ground system: Vertical, guyed, shunt-excited, uniform cross-section steel tower.
Ovl Hgt. - 223', Hgt of Rad - 223' (68.4°). Est Rad/Kw = 281.6 mV/m/Km
120 buried copper-wire radials 270' in length.

8. Obstruction marking and lighting specifications: FCC Form 715, paragraphs: 1, 3, 11,21 & 22.

9. Operating Assignment

Frequency..... : 840 Khz
Power-Night : - - - -
Day : 0.25 Kw (Non-Directional antenna)
Hours of Operation : Daytime

10. Conditions : Attached

Average hours of sunrise and sunset:
Standard Time (Non-Advanced)

PROVIDED WITH PREVIOUS

AUTHORIZATION

Exhibit 900307-2
Mims Community Radio, Inc.
NEW FM at Oak Hill, FL
BPED891127MD

11. Deadline for completion of construction and filing FCC Form 302: August 14, 1985

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this permit,¹ authority is hereby granted to construct an AM broadcast station located and described as above.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission Rules.

This permit shall be forfeited if the station is not ready for operation within the time specified or within such further time as the Commission may allow unless completion of the station is prevented by causes not under the control of the permittee. See Section 1, 599 of the Commissions Rules.

¹ This construction permit consists of this page and page(s)

Dated: MAY 22 1985

ajs

FEDERAL
COMMUNICATIONS
COMMISSION





U.S. Department
of Transportation
**Federal Aviation
Administration**

SOUTHERN REGION
Attn: ASO-532
P. O. Box 20636
Atlanta, Georgia 30320
404-763-7646

IN REPLY REFER TO
AERONAUTICAL STUDY
NO. 85-ASO-712-OE

ACKNOWLEDGMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

SPONSOR	Florida Public Radio, Inc. Randy Henry 110 LaGrange Ave. Titusville, Florida 32796	CONSTRUCTION LOCATION	
		PLACE NAME	
		Scottsmoor, Florida	
		LATITUDE	LONGITUDE
		28°44'21"	80°53'01"
CONSTRUCTION PROPOSED	DESCRIPTION	HEIGHT (IN FEET)	
		ABOVE GROUND	ABOVE MSL
		223	250
	AM Broadcast Tower (840 kHz; 250W)		

The Federal Aviation Administration hereby acknowledges receipt of notice dated 4/16/85 concerning the proposed construction or alteration described above.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

- The proposed construction does not require a notice to FAA.
- The proposed construction is not identified as an obstruction under any standard of FAR, Part 77, Subpart C and would not be a hazard to air navigation.
- The proposed construction is identified as an obstruction under the standards of FAR, Part 77, Subpart C but would not be a hazard to air navigation.
- The structure should be obstruction marked and lighted per FAA Advisory Circular AC 70/7460-1, "Obstruction Marking and Lighting." Chapters 3, 4, 5 & 9
- Supplemental notice is required at least 48 hours before the start of construction and within five days after construction reaches its greatest height (use the enclosed FAA form).

This determination expires on _____ unless:
 (a) extended, revised or terminated by the issuing office;
 (b) the construction is subject to the licensing authority of the Federal construction permit is made to the FCC on or before the above expiration prescribed by the FCC for completion of construction, or on the date _____

Exhibit 900307-3
 Mims Community Radio, Inc.
 New FM at Oak Hill, FL
 BPED891127MD

NOTE: Any request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

- The proposed construction would exceed Part 77 obstruction standards and further aeronautical study is necessary to determine whether it would be a hazard to air navigation. Pending completion of any further study, it is presumed the construction would be a hazard to air navigation. Further study:
 - Has been initiated by the FAA.
 - May be requested by the sponsor within 30 days of date of this acknowledgement.
- If the proposed structure were reduced in height to not exceed _____ ft. above ground level (_____ ft. above sea level), it would not exceed Part 77 obstruction standards.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgment will be sent to that Agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED.

cc: FCC/ASO-902

SIGNED Carl F. Stokoe TITLE Airspace Specialist
 CARL F. STOKOE Airspace and Procedures Branch
 ISSUED IN East Point, Georgia ON May 1, 1985

EXHIBIT # 900307-4

NEW (FM) at Oak Hill, FL
Mims Community Radio, Inc.
BPED 891127MD
March 7, 1990

POTENTIAL ENVIRONMENTAL SIGNIFICANCE

For demonstrating compliance with ANSI guidelines, the proposal was given a worst case evaluation.

Section II of OST Bulletin No. 65 presents a worst case formula for determining power density (S). This proposal is for 80Kw Vertical Polarization only, with a center of radiation at 54 meters above ground. The formula, which assumes a worst case antenna (isotropic radiator) predicts the facility to create a power density of .917 mw/cm².

Appendix A, Table 1 shows that the maximum power density for public and occupational exposure is 1 mw/cm², leaving this proposed FM facility within ANSI limits.

In addition, it is certain that a multi-bay antenna will be used which will create a far lesser power density.

Appendix A, Table 1 for FM broadcast shows that an 80Kw facility using single polarization would be required to have its center of radiation a height of 51.6 meters above ground, to meet ANSI guidelines. Again, using the worst case antenna, the proposed facility is in compliance with its antenna at 54 meters above ground level.

The same table shows that if just two bays were used, the required height above ground, assuming a 100Kw facility (single polarization) would need just 27 meters in height.

Since a worst case antenna is found to be within ANSI limits, any other antenna arrangement for achieving ERP will only be better.

The AM facility will have been moved from the site to a location in excess of 10 kilometers from this site. The Commission has accepted the major change application which is on cut-off list A-157 (cut-off date: March 2, 1990). The file No. for that situation is BP-891103AF.

SOUTHMAYD SIMPSON & MILLER
A Professional Corporation

*Posted
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AUDIO SERVICES

March 20, 1990

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MAR 20 1990

Federal Communications Commission
Office of the Secretary

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
Room 222
1919 M Street, N.W.
Washington, D.C. 20554

Re: 8920-CMJ
BPED-891127MD
Oak Hill, FL

Dear Ms. Searcy:

Mims Community Radio, Inc., by its attorney, hereby respectfully requests an extension of time within which to respond to the above-referenced FCC Correspondence, i.e. from March 20, 1990 to and including March 30, 1990. The additional time is needed to ensure that the information requested in FCC Correspondence 8920-CMJ regarding the tower site proposed by Mims Community Radio, Inc. will be provided in the appropriate amendment.

Should you have any questions concerning this matter, please contact the undersigned.

Very truly yours,

Stephen C. Simpson
Stephen C. Simpson