

MINOR CHANGE LONG FORM APPLICATION
MILLER COMMUNICATIONS, INC.
NEW FM TRANSLATOR STATION
CH 254D - 98.7 MHZ - 0.25 KW DA
ORANGEBURG, SOUTH CAROLINA
August 2013

EXHIBIT C

As indicated on Exhibit D1, the proposed new FM translator will operate with an effective radiated power of 0.25 kilowatt at 105.2 meters (345.1 feet) above ground level and will not cause interference to any existing, applied for, or proposed facility.

Based on the foregoing, it is believed that the proposed new FM translator is in compliance with §74.1204(d) of the Commission's rules.

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EXHIBIT C1

Interference Study for New FM Translator
Using Proposed Site as Reference

Miller Communications, Inc.											
REFERENCE		CH# 254D - 98.7 MHz, Pwr= 0.25 kW DA, HAAT= 0.0 M, COR= 157 M								DISPLAY DATES	
33 26 35.0 N.		Average Protected F(50-50)= 7.1 km								DATA 08-15-13	
80 48 16.0 W.		Standard Directional								SEARCH 08-15-13	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
254C1 Beaufort	WYKZ	LIC SC	C	185.8 5.7	124.53 BLH19990201KB	32 19 43.0 80 56 17.0	100.000 218	163.9 219	65.5 Capstar Tx Llc	-44.9*<	40.9
254D Orangenburg	1564385	APP SC	DC	0.0 0.0	0.00 BNPFT20030317CCV	33 26 35.0 80 48 16.0	0.250	26.2 157	7.8 Miller Communications, Inc	-34.0*	-34.0*
251D Orangenburg	1564503	APP SC	C	0.0 134.0	0.00 BNPFT20030317IXT	33 26 35.4 80 48 16.5	0.019	0.3 156	7.2 Radio Training Network, In	-8.1*<	-7.6*<
256C3 Barnwell	WHBJ	CP SC	CX	266.3 86.0	46.34 BNPED20100219ABC	33 24 55.0 81 18 10.0	25.000 99	4.4 177	41.8 Barnwell Community Radio	32.7	4.0
254D Holly Hill	W254BK	LIC SC	C	104.9 285.1	36.45 BLFT20050629ACC	33 21 30.0 80 25 30.0	0.019 95	21.9 121	6.6 Roger D. Blume	9.4	13.1
253A Lexington	WOMG	LIC SC	CX	322.6 142.4	63.95 BLH20051110AAA	33 53 58.5 81 13 29.6	6.000 99	41.4 212	26.8 Radio License Holding Cbc,	10.5	19.4
252C3 Summerton	WLJI	LIC SC	NCX	54.3 234.6	52.23 BLH20081118ALH	33 42 58.0 80 20 44.0	16.000 100	3.6 142	35.9 Glory Communications, Inc.	42.4	16.1
256C3 Barnwell	WBAW-FM	LIC SC	CN	244.8 64.5	57.05 BLH19911211KF	33 13 25.0 81 21 35.0	25.000 100	4.0 161	38.7 Bullie Broadcasting Corpor	47.0	18.1
255C2 McClellanville	WWIK	LIC SC	CN	103.4 284.1	119.18 BLH19941005KA	33 11 15.0 79 33 31.0	50.000 150	77.7 157	51.8 98.9, Inc.	36.4	60.2
201C Sumter	WRJA-FM	LIC SC	C	45.3 225.6	69.37 BMLED20110825AAJ	33 52 52.0 80 16 14.0	100.000 305	23.8 347	7.1 South Carolina Educational	29.0R	40.4M
254C3 Lincolnton	WLCZ	CP GA	NCX	276.0 95.1	162.13 BPH20130415ABQ	33 35 04.0 82 32 43.0	25.000 76	110.1 209	35.5 Glory Communications, Inc.	41.7	91.7

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 ""affixed to 'IN' or 'OUT' values = site inside protected contour.
 < = Station meets FCC minimum distance spacing for its class.
 < = Contour Overlap

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EXHIBIT C2

Predicted contour:

N. Lat. = 33 26 35 - Tabulated Protected and Interfering Contour Data
W. Lng. = 80 48 16 - New FM Translator - Orangeburg, South Carolina

Azi.	AV EL	HAAT	ERP kW	dBk	Field	140-F1	100-F1	60-F5	54-F1	40-F1
000	66.7	93.4	0.0414	-13.83	0.407	0.00	0.45	7.97	11.27	26.66
010	56.3	103.8	0.0138	-18.60	0.235	0.00	0.26	6.45	9.06	21.41
020	51.6	108.5	0.0062	-22.10	0.157	0.00	0.17	5.40	7.56	17.55
030	49.2	110.9	0.0068	-21.67	0.165	0.00	0.18	5.60	7.84	18.31
040	47.5	112.6	0.0079	-21.01	0.178	0.00	0.20	5.86	8.21	19.29
050	45.1	115.0	0.0100	-20.00	0.200	0.00	0.22	6.27	8.80	20.80
060	43.6	116.5	0.0100	-20.00	0.200	0.00	0.22	6.31	8.85	20.94
070	44.9	115.2	0.0078	-21.06	0.177	0.00	0.20	5.91	8.28	19.48
080	45.4	114.7	0.0048	-23.22	0.138	0.00	0.15	5.19	7.30	16.78
090	46.8	113.3	0.0033	-24.81	0.115	0.00	0.13	4.67	6.66	14.70
100	48.5	111.6	0.0042	-23.74	0.130	0.00	0.14	4.95	7.01	15.88
110	45.5	114.6	0.0064	-21.94	0.160	0.00	0.18	5.60	7.84	18.33
120	43.7	116.4	0.0078	-21.06	0.177	0.00	0.20	5.94	8.32	19.58
130	44.4	115.7	0.0095	-20.22	0.195	0.00	0.22	6.21	8.71	20.58
140	44.7	115.4	0.0078	-21.06	0.177	0.00	0.20	5.91	8.28	19.49
150	44.9	115.2	0.0064	-21.94	0.160	0.00	0.18	5.62	7.86	18.39
160	45.0	115.1	0.0042	-23.74	0.130	0.00	0.14	5.03	7.11	16.19
170	45.3	114.8	0.0033	-24.81	0.115	0.00	0.13	4.70	6.70	14.81
180	45.5	114.6	0.0048	-23.22	0.138	0.00	0.15	5.19	7.30	16.77
190	45.3	114.8	0.0078	-21.06	0.177	0.00	0.20	5.90	8.26	19.44
200	42.8	117.3	0.0100	-20.00	0.200	0.00	0.22	6.33	8.88	21.02
210	43.1	117.0	0.0100	-20.00	0.200	0.00	0.22	6.32	8.87	20.99
220	42.3	117.8	0.0079	-21.01	0.178	0.00	0.20	5.99	8.39	19.78
230	44.9	115.2	0.0068	-21.67	0.165	0.00	0.18	5.71	7.98	18.72
240	47.9	112.2	0.0062	-22.10	0.157	0.00	0.17	5.49	7.69	17.90
250	48.8	111.3	0.0138	-18.60	0.235	0.00	0.26	6.68	9.38	22.24
260	57.2	102.9	0.0414	-13.83	0.407	0.00	0.45	8.40	11.79	28.07
270	64.5	95.6	0.0894	-10.49	0.598	0.01	0.66	9.82	13.72	33.01
280	67.3	92.8	0.1494	-8.26	0.773	0.01	0.86	10.97	15.70	37.35
290	60.1	100.0	0.2016	-6.96	0.898	0.01	1.00	12.21	18.05	41.91
300	53.3	106.8	0.2304	-6.38	0.960	0.01	1.06	13.02	19.49	44.65
310	50.8	109.3	0.2500	-6.02	1.000	0.01	1.11	13.44	20.21	46.00
320	62.2	97.9	0.2304	-6.38	0.960	0.01	1.06	12.48	18.52	42.91
330	64.5	95.6	0.2016	-6.96	0.898	0.01	1.00	11.95	17.56	41.01
340	67.2	92.9	0.1494	-8.26	0.773	0.01	0.86	10.97	15.71	37.37
350	74.1	86.0	0.0894	-10.49	0.598	0.01	0.66	9.32	13.02	31.03

Ave El= 51.14 M HAAT= 108.96 M AMSL= 160.1 M