

**NEW FM TRANSLATOR APPLICATION**  
**MILLER COMMUNICATIONS, INC.**  
**NEW FM FILL-IN TRANSLATOR STATION**  
**CH 278D - 103.5 MHZ - 0.25 KW**  
**SUMTER, SOUTH CAROLINA**  
**March 2003**

**EXHIBIT B**

Interference analysis for new FM translator Sumter, South Carolina  
using proposed site as reference

REFERENCE	CH# 278D - 103.5 MHz, Pwr= 0.25 kW, HAAT=74.7M, COR= 110 M	DISPLAY DATES
33 54 52 N	Average Protected F(50-50)= 11.2 km	DATA 03-05-03
80 17 39 W	Ave. F(50-10) 40 dBu= 38.3 54 dBu= 16.1 80 dBu= 3.5 100 dBu= 1.1	SEARCH 03-11-03

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CH CITY	CALL STATE	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT* (Overlap in km)
278C1	* WEZL	LIC CY	160.6	128.90	32 49 04	100.000	206	64.1	-44.18	27.99
Charleston	SC		340.6	BLH19811208AA	79 50 08	204	162.2	Citicasters Licenses, L.p.		
> Reference HAAT at 160.6°= 69.1 M, Pwr= 000.25 kW, Pro. Dist. = 10.83 km, Int Dist. = 36.77 km										
277C2	* WJMXFM«	LIC CN	28.5	74.68	34 30 18	50.000	197	51.9	-13.82	7.58
Cheraw	SC		208.5	BLH19921118KA	79 54 18	147	77.7	Root Communications Licens		
> Reference HAAT at 28.5°= 68.2 M, Pwr= 000.25 kW, Pro. Dist. = 10.77 km, Int Dist. = 15.24 km										
280C3	* WHXT	LIC CN	243.3	60.11	33 40 13	9.200	240	39.8	45.66	19.24
Orangeburg	SC		63.3	BLH19990304KB	80 52 25	170	3.9	Rainbow Radio, Llc		
> Reference HAAT at 243.3°= 65.0 M, Pwr= 000.25 kW, Pro. Dist. = 10.54 km, Int Dist. = 1.11 km										
275A	* WSQN	LIC CN	77.6	50.82	34 00 39	2.900	168	28.0	37.17	21.75
Scranton	SC		257.6	BLH19910711KE	79 45 24	142	2.5	Root Communications Licens		
> Reference HAAT at 77.6°= 73.4 M, Pwr= 000.25 kW, Pro. Dist. = 11.13 km, Int Dist. = 1.11 km										
276A	* WOMG	LIC CN	283.3	67.14	34 03 05	6.000	174	25.8	54.42	40.22
Columbia	SC		103.3	BMLH19990224KF	81 00 07	82	2.5	Citadel Broadcasting Compa		
> Reference HAAT at 283.3°= 60.1 M, Pwr= 000.25 kW, Pro. Dist. = 10.19 km, Int Dist. = 1.11 km										
281C1	* WYAV	LIC CN	107.0	120.86	33 35 27	100.000	301	72.3	99.39	47.48
Myrtle Beach	SC		287.0	BLH19980731KA	79 02 55	299	10.1	Nm Licensing, Llc		
> Reference HAAT at 107.0°= 77.0 M, Pwr= 000.25 kW, Pro. Dist. = 11.37 km, Int Dist. = 1.11 km										
279C	* WSOCFM	LIC NC	346.5	152.65	35 15 06	100.000	613	80.3	23.01	57.74
Charlotte	NC		166.5	BLH19990830AAS	80 41 12	407	119.1	Infinity Radio Subsidiary		
> Reference HAAT at 346.5°= 64.8 M, Pwr= 000.25 kW, Pro. Dist. = 10.53 km, Int Dist. = 14.64 km										

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\* = ERP and HAAT on direct line to and from reference station.



