

**NEW FM TRANSLATOR APPLICATION**  
**FRIENDS OF ST. SIMONS RADIO**  
**CH 248D - 97.5 MHZ - 0.12 KW**  
**BRUNSWICK, GEORGIA**  
**March 2003**

**EXHIBIT A**

Interference analysis for new FM translator  
using proposed site as reference

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REFERENCE                CH# 248D - 97.5 MHz, Pwr= 0.12 kW, HAAT=45.0M, COR= 45 M          DISPLAY DATES
31 11 39 N                Average Protected F(50-50)= 7.2 km                        DATA 03-05-03
81 29 30 W                Ave. F(50-10) 40 dBu= 24.1 54 dBu= 10.3 80 dBu= 2.3 100 dBu= .8    SEARCH 03-13-03
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CH      CALL              TYPE  AZI.  DIST      LAT.      Pwr (kW)  COR (M)  PRO (km)  *IN*    *OUT*
CITY    STATE             <--  FILE #    LNG.      HAAT (M)  INT (km)  LICENSEE (Overlap in km)
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247C0  * WAEV             LIC  CX   8.5    95.51      32 02 45   100.000   402      79.9      -29.79    5.92
Savannah GA            188.5 BLH20020604AAW  81 20 27   402      118.5   Capstar Tx Limited Partner
> Reference HAAT at 8.5°= 40.1 M, Pwr= 000.12 kW, Pro. Dist. = 6.76 km, Int Dist. = 9.7 km

245C   * WKQL             LIC  CY 183.9  102.02     30 16 34   100.000   315      73.0      84.58    28.21
Jacksonville FL         3.9   BLH19900420KA  81 33 53   309      10.3   Cox Radio, Inc.
> Reference HAAT at 183.9°= 45.0 M, Pwr= 000.12 kW, Pro. Dist. = 7.17 km, Int Dist. = 0.77 km

249A   * WWUF             LIC  CX 269.4  72.92     31 11 05    6.000    132      28.8      21.36    34.02
Waycross GA            89.4 BLH20020723AAX  82 15 24   104      44.6   Mattox Broadcasting, Inc.
> Reference HAAT at 269.4°= 42.9 M, Pwr= 000.12 kW, Pro. Dist. = 7.0 km, Int Dist. = 10.05 km

250C2  * WFKS.C           CP   CX 184.2  101.53     30 16 51   12.500    308      52.3      88.95    48.44
Neptune Beach FL        4.2   BPH20020110AAN  81 34 12   303      5.4   Clear Channel Broadcasting
> Reference HAAT at 184.2°= 45.0 M, Pwr= 000.12 kW, Pro. Dist. = 7.17 km, Int Dist. = 0.77 km

248A   * WHLJ             LIC  C  251.1  140.22     30 46 47    6.000    144      29.1      45.64    87.93
Statenville GA          71.1 BLH19980626KB  82 52 43   106      87.7   Lataurus Productions Incor
> Reference HAAT at 251.1°= 42.1 M, Pwr= 000.12 kW, Pro. Dist. = 6.92 km, Int Dist. = 23.22 km

248A   * WHLJ.A           APP  CX 253.7  150.88     30 48 22    4.300    169      28.8      58.65    98.88
Statenville GA          73.7 BPH20011023ABA  83 00 21   123      85.3   Lataurus Productions Incor
> Reference HAAT at 253.7°= 42.0 M, Pwr= 000.12 kW, Pro. Dist. = 6.92 km, Int Dist. = 23.2 km

250C2  * WFKS             LIC  NC 179.0  120.89     30 06 14   50.000    152      51.6     107.84    68.55
Neptune Beach FL        359.0 BLH20010612ADP  81 28 11   145      5.9   Clear Channel Broadcasting
> Reference HAAT at 179.0°= 45.0 M, Pwr= 000.12 kW, Pro. Dist. = 7.17 km, Int Dist. = 0.77 km

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

**GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

**WAEV**

Latitude: 32-02-45 N  
Longitude: 081-20-27 W  
ERP: 100.00 kW  
Channel: 247  
Frequency: 97.3 MHz  
AMSL Height: 402.0 m  
60 dBu - 50/50

**Proposed Translator**

Latitude: 31-11-39 N  
Longitude: 081-29-30 W  
ERP: 0.12 kW  
Channel: 248  
Frequency: 97.5 MHz  
AMSL Height: 45.0 m  
54 dBu - 50/10

**EXHIBIT A1**  
**NEW FM TRANSLATOR APPLICATION**  
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**CHANNEL 248D - 97.5 MHz - 0.12 kW**  
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Scale 1:500,000

0 7 14 21 km