

EXHIBIT #17
Translator W268BK
Seeks Channel 266D – 101.1 MHz
0.250 kW ERP (DA) – 531 m COR AMSL
San Juan, Puerto Rico
September 2010

RADIOFREQUENCY RADIATION STUDY AND STATEMENT

This radiofrequency radiation study is being conducted to determine whether this proposal is in compliance with OET Bulletin Number 65, dated August 1997, regarding human exposure to radiofrequency radiation in the vicinity of broadcast towers. This study considers all nearby contributing stations and utilizes the appropriate formulas contained in the OET Bulletin.

The antenna system will be mounted with its center of radiation 30 meters above the ground and will operate with an effective radiated power of 0.250 kilowatts in the horizontal and vertical plane (circularly polarized). At two meters, the height of an average person, above the ground at the base of the tower, this proposal will contribute, worst case, 18.561 microwatts/sq. centimeter which is 9.2805% of the allowable ANSI limit.

The following tables show the worst case radiofrequency radiation contributions of all nearby broadcast stations.

Nearby FM Stations

<u>Call Sign</u>	<u>Power (kW)</u>	<u>Polarization</u>	<u>Height (AGL)</u>	<u>Distance Away</u>	<u>RFR Contribution</u>
* WCAD (Lic.)	50.0	Circular	43 meters	360 meters	1.6822%
@ WKAQ-FM (Lic.)	50.0	Circular	82 meters	110 meters	1.4653%
% WNVM (Lic.)	3.0	Circular	52.4 meters	0 meters	1.095%

Total Nearby FM Contribution = 4.2425%

Nearby TV Stations

<u>Call Sign</u>	<u>Channel</u>	<u>Power (kW)</u>	<u>Height (AGL)</u>	<u>Distance Away</u>	<u>RFR Contribution</u>
# WSTE-DT (CP.)	7	25.0	101 meters	740 meters	0.0074%
WLII-DT (Lic.)	11	38.0	64 meters	360 meters	0.0474%
W17DL-D LD (CP)	17	15.0	35 meters	70 meters	0.2007%
& WDWL-DT (CP mod)	30	100.0	33 meters	0 meters	8.0875%
New LD (App.)	35	1.0	40 meters	0 meters	0.0522%
\$ WWXY-LP TX (Lic.)	38 +	100	36 meters	0 meters	3.1000%

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<u>Call Sign</u>	<u>Channel</u>	<u>Power (kW)</u>	<u>Height (AGL)</u>	<u>Distance Away</u>	<u>RFR Contribution</u>
New LD (App.)	40	0.5	31 meters	70 meters	0.0248%
WUJA-DT (Lic.)	48	50.0	11 meters	80 meters	0.6314%

Total Nearby TV Contribution = 12.1514%

* WCAD (FM) utilizes a 6-bay ERI SHP-6AC full wave spaced "Rototiller" type antenna, which qualifies for "best case" RFR treatment. The RFR calculation was made "best case".

@ WKAQ-FM utilizes a 6-bay Jampro JHPC-6 full wave spaced "Double-V" type antenna, which qualifies for "best case" RFR treatment. The RFR calculation was made "best case".

% WNVM (FM) utilizes a 2-bay ERI LPX-2 one-half wave spaced "Rototiller" type antenna, which qualifies for "best case" RFR treatment. The RFR calculation was made "best case".

WSTE-DT has an STA (WSTE1) on Channel 7 Z (analog) with a power of 6 kW and a height of 42.7 meters AGL at a site 360 meters away. The STA has an RFR contribution of 0.0038%, which is lower than that of the CP facility, so the higher contribution was used in this study.

& WDWL-DT has a licensed facility on Channel 59 with a power of 0.55 kW and a height of 34 meters AGL at a site 290 meters away. The licensed facility has an RFR contribution of 0.0004%, which is lower than that of the CP modification facility, so the higher contribution was used in this study.

\$ WWXY-LP has a CP on Channel 38 with a power of 2.91 kW and a height of 36 meters AGL at the same site as the licensed facility. The RFR contribution of the CP facility is 0.1823%, which is lower than that of the licensed facility, so the higher contribution was used in this study. WWXY-LP also has an application for STA on Channel 62 Z (analog) with a power of 4.6 kW and a height of 20 meters AGL at a site 70 meters away. The STA application facility has an RFR contribution of 0.0285%, which is also lower than that of the licensed facility, so the higher contribution was used in this study.

Adding the radiofrequency radiation contribution of this proposal of 9.2805% to the contribution of 4.2425% of the nearby FM stations to the contribution of 12.1514% of the nearby TV stations produces a total of 25.6744% which is below the maximum contribution of 100%. Since this level is below the maximum contribution of 100% defined in the aforementioned bulletin, this proposal is believed to be in compliance with OET Bulletin Number 65 as is required by the Federal Communications Commission. All calculations were made in the uncontrolled mode.

Further, the applicant will post warning signs in the vicinity of the tower warning of potential radiofrequency radiation hazards at the site. In addition, the applicant will reduce the power of the proposed facility or cease operation, as necessary, to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.

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