

MINOR CHANGE APPLICATION TO MODIFY TRANSLATOR

W284AM (BLFT19981202TE)

CH284D, Middletown, KY.

Facility ID 86302

December 2012

TECHNICAL STATEMENT

This technical statement and attached exhibits were prepared on behalf of Anchor Radio of Louisville. LLC. ("Anchor"), licensee of FM translator station W284AM, channel 284D. The applicant wishes to change frequency from 284D to 285D and institute an off-the-shelf directional antenna (Scala CL-FM-H). This application was designed to allow for the modifications as filed in BPFT-20121030ABI. If BPFT-20121030ABI is approved, it is understood that the operation of co-owned W284AD will not commence with the proposed facilities in BPFT-20121030ABI until this application for W284AM is approved and the facility is modified as proposed herein or an STA is filed to take W284AM temporarily dark.

Facilities Proposed:

Location- 38° 14' 32" N Latitude, 85° 32' 31" W Longitude (NAD 27, rounded to nearest second).

Tower- Not registered, existing tower

Tower AGL (with appurtenances) 30m

Antenna COR AGL Height – 24m

Site AMSL- 222m

COR AMSL- 246m

HAAT- 55m

ERP (Max)- 150w

Because the proposed translator will be at the same location as the currently licensed translator, this application will be compliant with 74.1233(a)(1) of the Commission's rules requiring any minor change of a translator's facilities to continue to provide 1mV/m service to some portion of its previously authorized service area.

Exhibit A shows the results of an interference study done for W284AM on 285D at the current location with the proposed operating parameters. Note that the proposed operation of W284AM on 285 will be 3rd adjacent to a new application by Clear Channel on 288D. Because the antennas are so close together (0.37km) and the translators are of similar power and height, there is no location where either facility will be 40dBu greater than the other within the service contour.

Exhibit B demonstrates that the proposed operation for W284AM with the proposed frequency and antenna will not cause interference to WFKY (285A co-channel) or to WLRS (286A, 1st adjacent).

Exhibit C shows the contour relationships between WLUE (282A 3rd adjacent) and also shows the community of coverage contour to Middletown, KY. This exhibit also shows that the proposed 60dBu contour will be entirely inside the 2mV/m Contour of WLOU (AM) and no more than 25 miles from the WLOU transmitter.

The antenna used will be a Scala CL-FM-H. The program "FM Model for Windows" produced by the OET was used to predict the maximum RF Radiation at ground level. Using the worst case "dipole" setting It was determined that the maximum RFR would be $2.9\mu\text{W}/\text{cm}^2$. This level is well below the $200\mu\text{W}/\text{cm}^2$ maximum allowable exposure level. There are no other sources of RF on this tower therefore; the proposed W284AM facility will be in compliance with FCC standards for radiofrequency electronic exposure guidelines.

Respectfully Submitted



Bertram Goldman
Goldman Engineering Mgmt. LLC
7219 Highland Heather Ln.
Dallas, TX. 75248

EXHIBIT A

Interference Study for W284AM TO 285D

ComStudy 2.2 search of channel 285 (104.9 MHz Class D) at 38-14-32.0 N,85-32-31.0 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
NEW	WOODLAND HILLS	KY 288 D	0.37	0.00	3.8	-58.54 dB*
WLRS	SHEPHERDSVILLE	KY 286 A	27.75	0.00	230.1	0.43 dB Please see Exh.C
WLUE-FM	CHARLESTOWN	IN 282 A	27.60	0.00	344.7	1.69 dB Please see Exh B
W284AD	NEW ALBANY	IN 284 D	24.61	0.00	267.1	5.79 dB PROP See Exh B
WFKY	FRANKFORT	KY 285 A	54.94	0.00	92.2	5.67 dB Please see Exh B
WMPI	SCOTTSBURG	IN 287 A	53.68	0.00	346.5	13.81 dB
WLVK	FORT KNOX	KY 288 A	60.43	0.00	212.4	14.04 dB
W284AD	NEW ALBANY	IN 284 D	33.46	0.00	256.9	16.93 dB
WITZ-FM	JASPER	IN 284 B	122.94	0.00	276.1	22.06 dB
WUBE-FM	CINCINNATI	OH 286 B	133.57	0.00	42.4	22.54 dB
WLKT	LEXINGTON-FAYETTE	KY 283 C2	109.48	0.00	99.8	23.76 dB
W232BB	LAGRANGE	KY 232 D	23.54	0.00	37.2	23.5
NEW	SELLERSBURG	IN 288 D	25.21	0.00	311.8	25.07 dB
WUBE-FM	CINCINNATI	OH 286 B	132.68	0.00	42.6	27.41 dB

*Due to the close proximity of the proposed translator BNPFT20030317MQN on 288D, and relatively similar power levels, an analysis determined that there is no location where either proposed translator will be more than 40dBu more than the other (inside the 60dBu 50/50 contour).

EXHIBIT B

W284AM Proposed on 285D, co-channel and 1st Adjacent Channel Contours

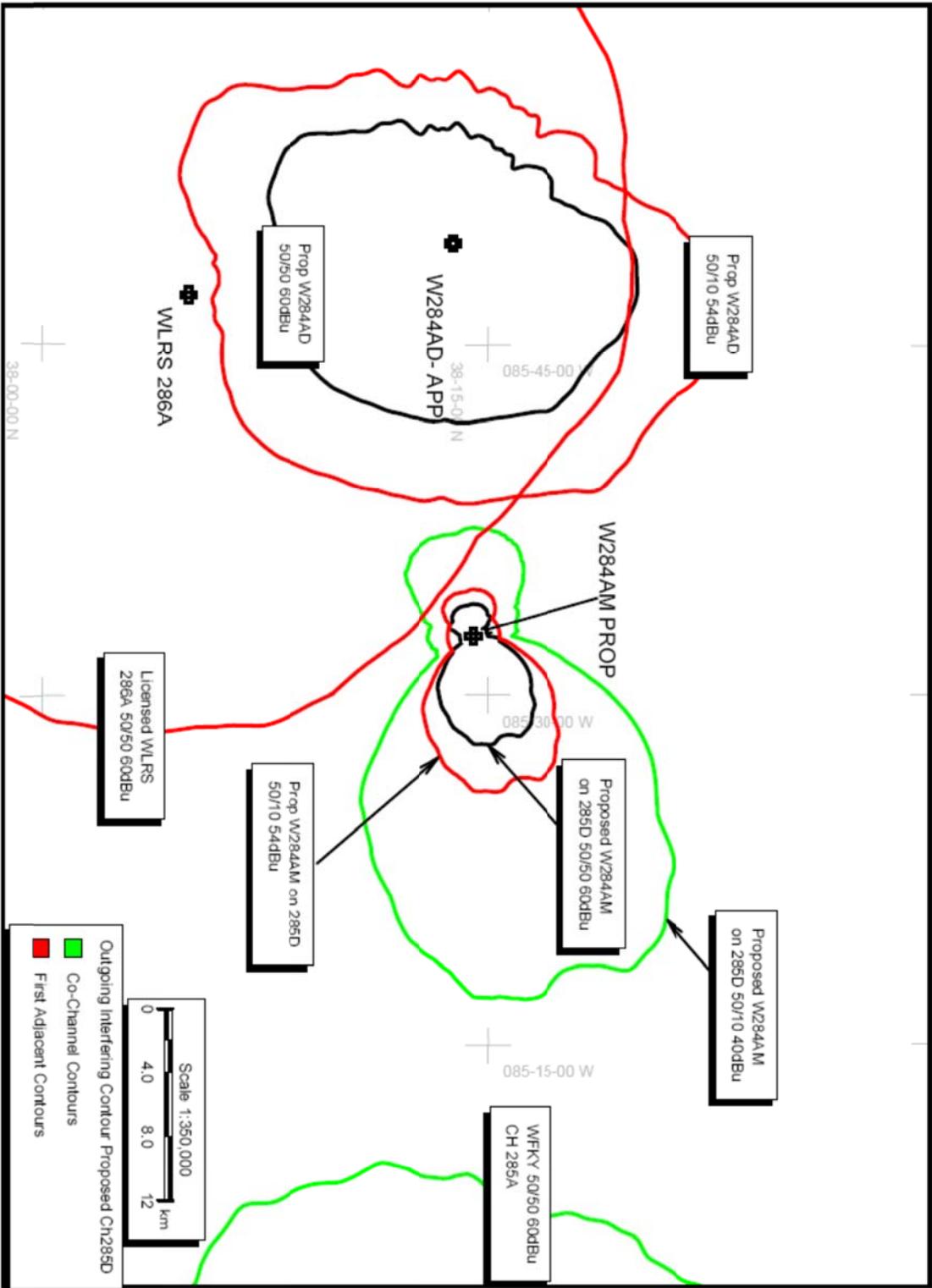


EXHIBIT C

**Proposed W284AM on 285D- 2nd and 3rd Adjacent Relationships
2mV/m and 25 miles From WLOU (AM) Transmitter**

