

Engineer's Statement in support of
FCC FORM 349
APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN AN FM
TRANSLATOR OR FM BOOSTER STATION
(For a New FM Translator)

This is a long form application by The Sister Sherry Lynn Foundation (the Applicant) for a new FM Translator serving the community of Duncan, OK. The Applicant previously filed a short form, BNPFT-20030310BCB, facility ID 141870.

The proposed facility is in compliance with 47 C.F.R. Section 1.1306 with regards to radio-frequency electromagnetic exposure in that the contribution to the rf environment is less than 5% of the maximum public exposure.

This application was prepared using FCC 30-arc-second terrain data.

The maximum ERP is limited by the height-above-average-terrain bearing 180-degrees. The HAAT in this direction is 117.2 meters. The maximum ERP for this height is 0.205kW.

The proposal is sufficiently distant from all facilities mentioned in 73.1030(a), (b) & (c) so that notification under 73.1030 is not required.

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12 June 2008

RFEngineers, Inc.
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Section VII Engineering Data:

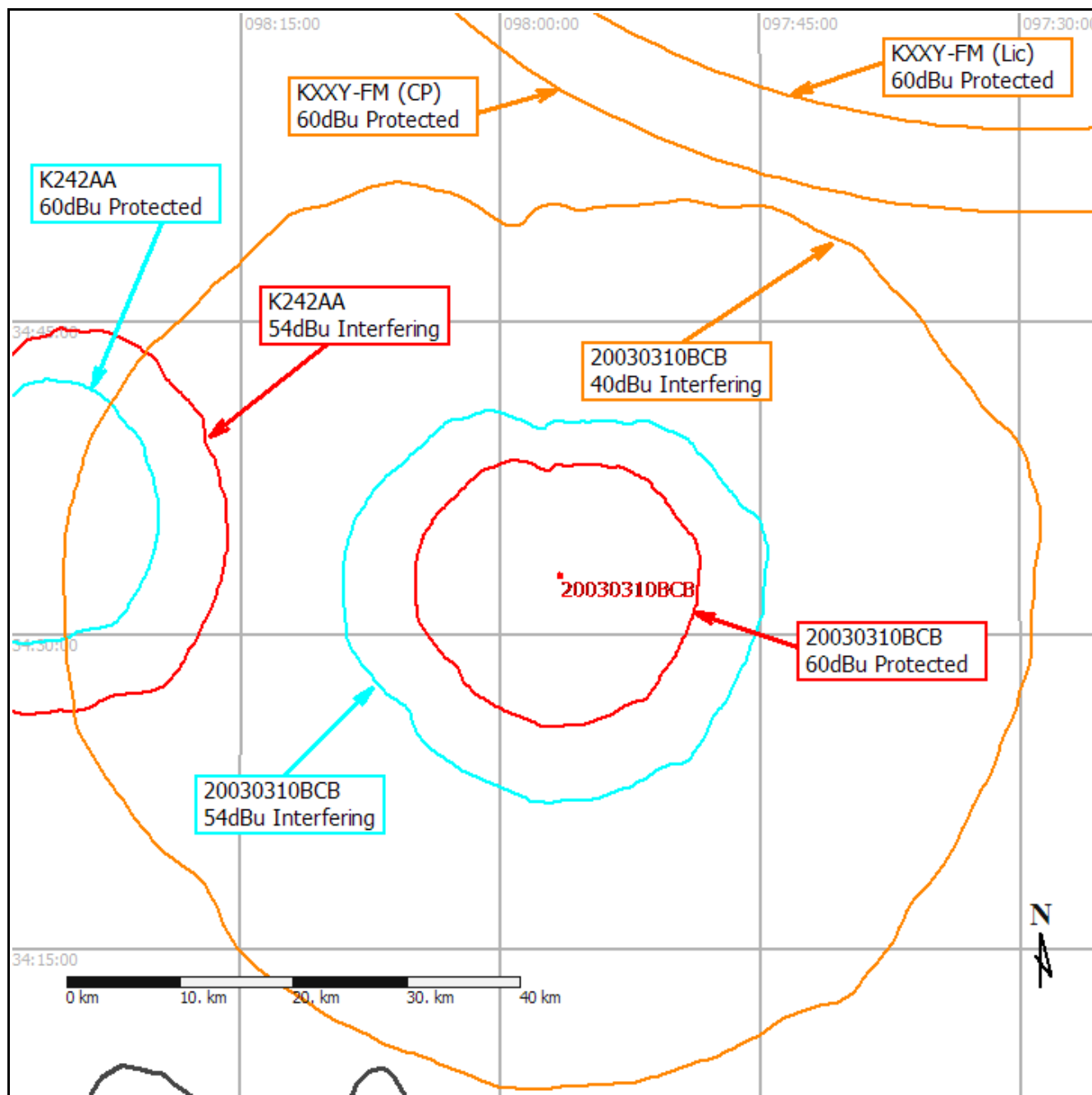
Tech Box Data:

1. Channel: **241**
2. Primary Station: **FID: 60510**
KFXT
Sulphur, OK
Channel 214
3. Delivery Method: **Off-air**
4. Antenna Location Coordinates: (NAD27):
34° 32' 48" N
97° 56' 30" W
5. Antenna Structure Registration: **1010738**
6. Antenna Location Site Elevation Above Mean Sea Level: **374 meters**
7. Overall Tower Height Above Ground Level: **128 meters**
8. Height of Radiation Center Above Ground Level: **78 meters (H) AGL**
78 meters (V) AGL
9. ERP:
0.205 kW (H)
0.205 kW (V)
10. Transmitting Antenna: **Nondirectional**
11. Fill-in Translator: **Not Applicable**
12. Interference: **Yes**
 - a) Section 74.1204, **Checked**. See Exhibit 12, Stations and Authorizations requiring investigation.
 - b) Section 74.1205, **Not Checked**.
13. Unattended operation: **Yes**
14. Multiple Translators: **Yes**
15. NEPA: **Yes**. This proposal is excluded from environmental processing: The modeled rf at the base of the tower is 1.2% of the maximum public exposure level.

Exhibit 12

ID	City	St	Chan	CL	Stat	Prefix	ARN	Dist
K242AA	LAWTON	OK	242	DX	LIC	BLFT	19920601TF	48.46
KXXY-FM	OKLAHOMA CITY	OK	241	C	CP	BPH	20080415ABI	123.69
KXXY-FM	OKLAHOMA CITY	OK	241	C	LIC	BLH	20000105AAO	123.69

Stations and Authorizations Requiring Investigation



Protected and Interfering Contours

Contours are color-coded so that prohibited overlap is indicated by LIKE color contours overlapping.