

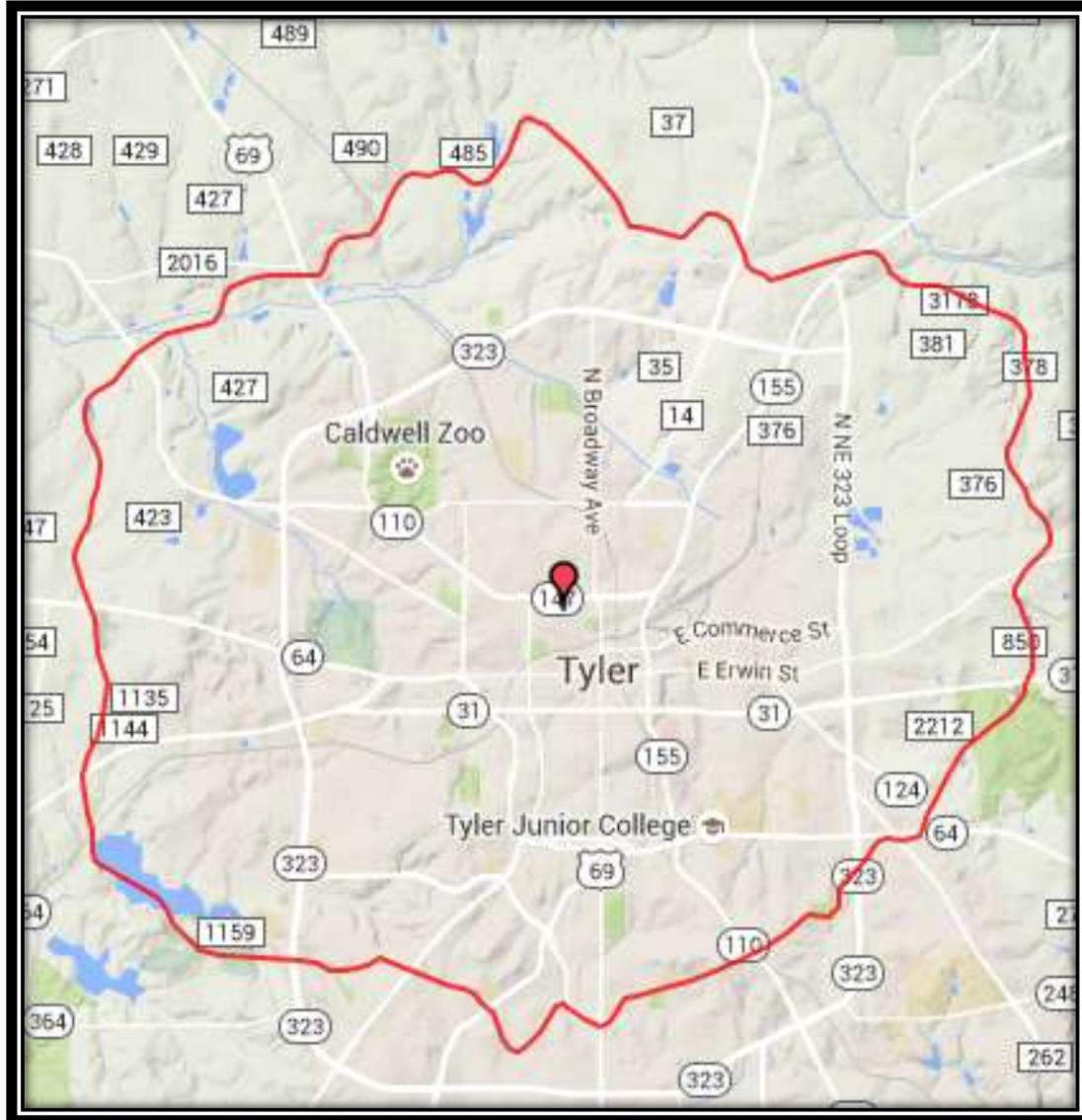


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CP Modify for KJID-LP  
TYLER, TX

**Iglesia de Dios Jesucristo Manantiales de Vida**  
BNPL-20131018AGU

**PROPOSED 60dBu F(50,50) SERVICE CONTOUR**



TYLER, TX – Channel 223L1 (92.5 MHz) ~ ERP 0.049 kW  
Elev: 170 meters ~ RCAGL: 16 meters ~ RCAMSL: 186 meters ~ HAAT: 43 meters  
Overall tower height: 16 meters  
NAD83 Latitude: 32° 21' 28.6" NL – Longitude: 95° 18' 20.8" WL  
NAD27 Latitude: 32° 21' 28.0" NL – Longitude: 95° 18' 20.0" WL

R E C NETWORKS  
CHANNEL REPORT

NAD27 LATITUDE: 32 - 21' 28.0" - LONGITUDE: 95 - 18' 20.0"  
CHANNEL: 223 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
220	91.9	KALD : HOUSTON CHRISTIAN BROADCASTERS, INC.	CALDWELL	TX C2	232.7	0.0	232.7	213.2
220	91.9	KZRF-FM : TEMPLO DE DIOS INC 1	SULPHUR SPRINGS	TX A	92.3	0.0	92.3	342.5
220	91.9	KQPA-FM : IGLESIA CRISTIANA EBENEZER	PARIS	TX A	142.2	0.0	142.2	350.2
220	91.9	KZRF-FM : TEMPLO DE DIOS INC 1	SULPHUR SPRINGS	TX A	89.3	0.0	89.3	341.8
220	91.9	KAVX : LUFKIN EDUCATIONAL BROADCASTING FOUNDATION	LUFKIN	TX C2	125.8	0.0	125.8	150.3
220	91.9	KAVX : LUFKIN EDUCATIONAL BROADCASTING FOUNDATION	LUFKIN	TX C2	126.2	0.0	126.2	150.3
220	91.9	KHCJ : HOUSTON CHRISTIAN BROADCASTERS, INC.	JEFFERSON	TX A	93.8	0.0	93.8	55.2
221	92.1	KRWR : GLEISER COMMUNICATIONS, LLC	TYLER	TX C3	3.6	40.0	-36.4	59.4
222	92.3	KCUL-FM : COSECHA COMMUNICATIONS LLC, AS TRUSTEE	MARSHALL	TX A	87.4	56.0	31.4	76.3
223	92.5	KHTA : HOUSTON CHRISTIAN BROADCASTERS, INC.	WAKE VILLAGE	TX C3	171.3	78.0	93.3	46.3
223	92.5	KZPS : AMFM TEXAS LICENSES LLC	DALLAS	TX C	158.4	130.0	28.4	279.7
223	92.5	KXXE : CENTER BROADCASTING COMPANY, INC.	SAN AUGUSTINE	TX A	145.4	67.0	78.4	128.0
224	92.7	KIVY-FM : LEON HUNT	CROCKETT	TX C2	117.4	80.0	37.4	186.6
224	92.7	KISY : TRACY MCCUTCHEN	BLOSSOM	TX C2	144.4	80.0	64.4	351.8
226	93.1	KQID-FM : CENLA BROADCASTING LICENSING COMPANY, LLC	ALEXANDRIA	LA C	303.6	0.0	303.6	104.5
226	93.1	KMKT : NM LICENSE, LLC	BELLS	TX C3	182.2	0.0	182.2	324.7
226	93.1	KTYL-FM : TOWNSQUARE MEDIA TYLER LICENSE, LLC	TYLER	TX C1	35.1	0.0	35.1	108.0

\* Does not meet third adjacent channel spacing under LCRA Sect 7.

## **LPFM SECOND ADJACENT CHANNEL WAIVER STUDY**

KJID-LP  
Tyler, TX  
Channel 223L1 (92.5 MHz)

The proposed location is second adjacent channel short-spaced to KRWR, Tyler, Texas.

Based on a study performed by Michelle Bradley of REC Networks, it has been determined that this proposed site qualifies for a second adjacent waiver as specified in Section 73.807(e) of the Commission's Rules.

KRWR operates on Channel 221C3 with 9.6 kW effective radiated power ("ERP") at 135 meters height above average terrain ("HAAT") into a non-directional antenna with an effective HAAT of 140 meters towards the proposed LPFM site and is located 3.6 km from the proposed LPFM site. KRWR places a 100.0 dBu service contour at the proposed LPFM site.

Using the U/D method<sup>1</sup>, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to KRWR to the proposed LPFM station's 140.0 dBu interference contour ("overlap zone"). At 45 watts ERP, the overlap zone extends to 5 meters from the radiation center.

The antenna structure is mounted on the roof of a 2-story structure. The height above ground level (HAGL) to the roofline is 6 meters. The radiation center of the antenna is at 16 meters HAGL. Since the interference contour only extends 5 meters, it will only extend no closer than 5 meters from any occupied structure. There are no taller adjacent structures.

Based on the information presented, REC submits that the proposed station will not create any interference to existing or potential listeners of second adjacent channel station KRWR.

The applicant requests a waiver of §73.807 of the Commission's Rules in respect to KRWR.

Report completed by  
Michelle Bradley  
Founder, REC Networks  
July 23, 2015

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<sup>1</sup> - See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).





**APPLICATION OF §73.870(a) REQUESTED**

KJID-LP  
Tyler, TX  
Channel 223L1 (92.5 MHz)

§73.870(a) of the Commission's Rules permits a station to change to a first-, second- or third-adjacent channel as well as an intermediate frequency (+/- 53 or 54 channels) as a minor change. In addition, the rules permit a change to "any channel" upon a showing of reduced interference.

KJID-LP is currently authorized to operate on Channel 285L1 (104.9 MHz).

Due to an issue raised by the Federal Aviation Administration (FAA), operation on Channel 285L1 may cause harmful interference to air traffic control operations at East Texas Regional Airport in nearby Longview, Texas (GGG).

The change to Channel 223L1 would address these concerns.

Due to the potential of interference to safety of life related communications, we feel that it is in the public interest to permit this change as it will reduce the risk of interference with operations at GGG and therefore the applicant wishes to change to a non-adjacent channel as permitted under §73.870(a) of the Commission's Rules.

Report completed by  
Michelle Bradley  
Founder, REC Networks  
July 23, 2015