

MARKET STUDY  
CACHE AND LAWTON, OK  
FOR  
PERRY BROADCASTING OF LAWTON, INC.  
MINOR MOD OF KMJZ

APRIL 2010

BY:  
BEEM CO.  
ARCADIA, CA  
(626) 446-3468

## ENGINEERING STATEMENT OF JOEL T. SAXBERG

This market study was prepared for Perry Broadcasting of Lawton, INC., licensee of FM station KJMZ, CH250A, Cache, OK by Joel T. Saxberg of Arcadia, CA.

Perry is proposing to relocate its Cache, OK transmitter site following a destructive ice storm which felled the KJMZ main antenna support structure. This market study was is for the application for minor modification.

There are two local stations owned by Perry Broadcasting of Lawton, Inc., one is KKRX, 1050 kHz, Lawton and the other is KJMZ, CH 250A, Cache, OK. The 5 mV/m daytime contour of KKRX is completely encompassed by the proposed 70 dBu of KJMZ. Circle within a circle. Therefore the composite contour used for this market study is simply the 70 dBu contour of KJMZ. Since KKRX is not part of the composite pattern it was deleted from the market count.

The market study shows a total of 16 commercial and noncommercial stations. There are fifteen FM and one AM stations in the market count. In accordance with 47 C.F.R. §73.5555(a) In a radio market between 15 and 29 (inclusive) commercial and noncommercial educational full-power radio stations, a party may have a cognizable interest in up to 6 commercial radio stations, not more than 4 of which are in the same service (AM or FM).

Perry Broadcasting of Lawton, Inc., with its two local facilities fully complies with the rules of Multiple Ownership.

## ENGINEERING CERTIFICATION

**JOEL T. SAXBERG** deposes and says:

1. That he is President of Broadcast Engineering and Equipment Maintenance Company, "**BEEM CO.**", radio engineering consultants. **BEEM CO.** maintains offices at: 2322 S. Second Avenue, Arcadia, CA 91006. Telephone (626) 446-3468
2. That he was graduated from California State University at Los Angeles, February 1966, with a Bachelor of Science degree in Electronic Engineering. He received a MS degree in Electronic Engineering Technology in August 1996.
3. That he has submitted many applications to the Federal Communications Commission for broadcast and auxiliary broadcast construction permits and licenses.
4. That his experience in broadcast engineering is a matter of record and he has spent over forty years working in the field of radio engineering.
5. That the attached report was prepared by him or under his direction and supervision. That he believes the facts stated therein to be both true and accurate. Statements that are based on information supplied by others are also believed to be true and accurate.
6. That he has performed field work on AM and FM broadcast transmitting systems throughout this country and continues to provide technical consulting services on a daily basis to broadcasters.
7. That he declares under penalty of perjury the foregoing is true and correct.

Executed on Apr. 23, 2010



Joel T. Saxberg

04-23-2010

BEEM Company

FCC Database Date: 4/23/2010

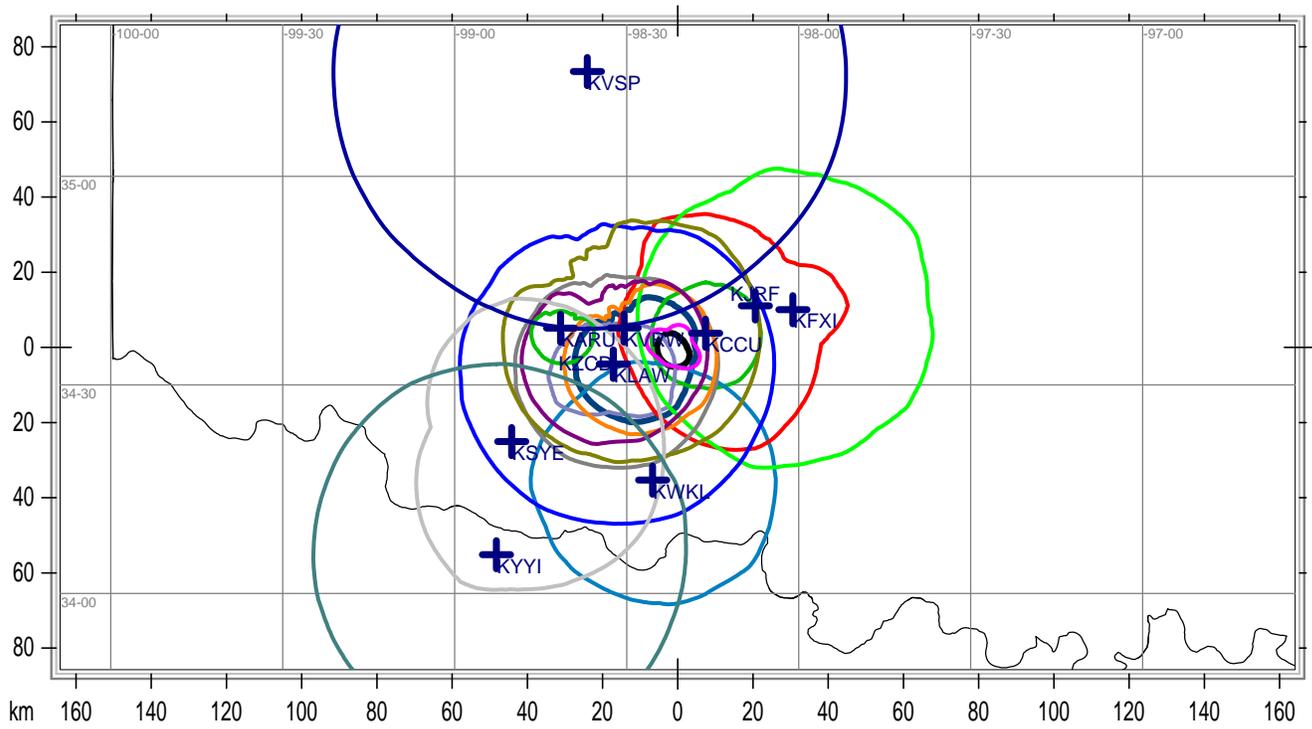
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#	CALL STATUS	LOCATION STATE	CHANNEL CLASS	POWER	LATITUDE LONGITUDE	DISTANCE BEARING	KJMZ	
	KJMZ PRO	CACHE OK	250 Class A	6.0 kW	34-34-24 98-28-40	Source Station		
1	KARU LIC	CACHE OK BLED-050721ABL	205 Class A	0.4 kW	34-38-10 98-41-32	21 km 290 dg	15 km 9 km	+6 km
2	KCCU LIC	LAWTON OK BLED-890731KB	207 Class A	2.0 kW	34-37-26 98-16-15	20 km 73 dg	17 km 15 km	+12 km
3	KWKL LIC	GRANDFIELD OK BLED-060629AFW	210 Class C2	45.0 kW	34-16-19 98-25-30	34 km 172 dg	18 km 32 km	+15 km
4	KVRS LIC	LAWTON OK BLED-091119AAM	212 Class C3	9.8 kW DA	34-31-51 98-33-10	8 km 236 dg	17 km 10 km	WITHIN
5	KJRF LIC	LAWTON OK BLED-091211AFN	216 Class C1	100.0 kW DA	34-41-22 98-07-34	35 km 68 dg	17 km 37 km	+20 km
6	KSYE LIC	FREDERICK OK BLED-920527KC	218 Class C1	100.0 kW	34-21-52 98-50-04	40 km 235 dg	17 km 40 km	+17 km
7	KFXI LIC	MARLOW OK BLH-080731AIK	221 Class C1	100.0 kW	34-40-50 98-01-02	44 km 74 dg	17 km 42 km	+15 km
8	KZCD LIC	LAWTON OK BLH-970501KC	231 Class C2	18.0 kW	34-33-00 98-32-20	6 km 245 dg	17 km 48 km	WITHIN
9	KMGZ LIC	LAWTON OK BLH-980320KD	237 Class C3	14.0 kW	34-34-36 98-28-30	0 km 35 dg	17 km 34 km	WITHIN
10	KJMZ LIC	CACHE OK BLH-060130AXC	250 Class A	6.0 kW	34-35-31 98-32-55	7 km 288 dg	15 km 17 km	WITHIN
11	KBZQ LIC	LAWTON OK BMLH-090701ACZ	258 Class C3	25.0 kW	34-35-31 98-32-55	7 km 288 dg	15 km 16 km	WITHIN
12	KLAW LIC	LAWTON OK BLH-010301ABH	267 Class C1	100.0 kW	34-32-59 98-32-21	6 km 245 dg	17 km 21 km	WITHIN
13	KVSP LIC	ANADARKO OK BLH-040723AAG	278 Class C	100.0 kW	35-15-04 98-36-53	76 km 351 dg	12 km 68 km	+10 km
14	KYYI LIC	BURKBURNETT TX BLH-990729KA	284 Class C1	92.0 kW	34-05-35 98-52-44	65 km 215 dg	17 km 51 km	+3 km
15	KVRW LIC	LAWTON OK BLH-020723AAZ	297 Class C2	50.0 kW	34-38-12 98-30-27	8 km 339 dg	11 km 30 km	WITHIN

# CALL	LOCATION	CHANNEL	POWER	LATITUDE	DISTANCE	KJMZ
STATUS	STATE	CLASS		LONGITUDE	BEARING	5 mV/m
16 KXCA	LAWTON	1380	1.0 kW	34-35-24	11 km	18 km
LIC	OK BL-	Class B	DA	98-21-44	80 dg	21 km WITHIN

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 FCC limit of 6 stations total with 4 in one service  
 Total of 16 stations comprise the market of:  
 KJMZ PRO CACHE,OK  
 KKRX LIC LAWTON,OK

LAWTON AND CACHE, OKLAHOMA



KKRX AND KJMZ

State Borders      Lat/Lon Grid