

KRYI-LP YUBA CIY, CA Existing Channel 258L1 (99.5 MHz)  
RHYTHM FOUNDATION, INC. - INTERFERENCE EXHIBIT

0 5 10 20 Kilometers

Figure 1

KRYI-LP on channel 258 currently receives incoming interference from co-channel KLVB throughout the KRYI-LP primary service contour. KRYI-LP requests a channel to change to 295.

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**Table 1 - 74.807 Channel Study****KRYI-LP YUBA CIY, CA - RHYTHM FOUNDATION, INC.****MINOR CHANGE January 2022 (Ch.295L1 proposed)**

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Bearing TO (deg)	Distance (km)	Req. Dist. (km)	Clearance (km)	Field Strength (dBu)
293	B	KUDL	FM	L-L2C	SACRAMENTO	CA	US	AUDACY LICENSE, LLC	139.4	70.7	67.0	3.7	53.3
294	B	KRQR	FM	L-L2C	ORLAND	CA	US	RESULTS RADIO OF CH	314.8	121.1	97.0	24.1	44.2
295	C	KRNO	FM	L-MOD	INCLINE VILLAGE	NV	US	AMERICOM LIMITED P	81.6	151.4	130.0	21.4	31.7
295	B	KFRC-FM	FM	L-MOD	SAN FRANCISCO	CA	US	AUDACY LICENSE, LLC	208.6	160.8	112.0	48.8	31.7
296	L1	KOYO-LP	FL	L-L2C	OROVILLE	CA	US	AFRICAN AMERICAN &	8.7	41.9	14.0	27.9	26.0

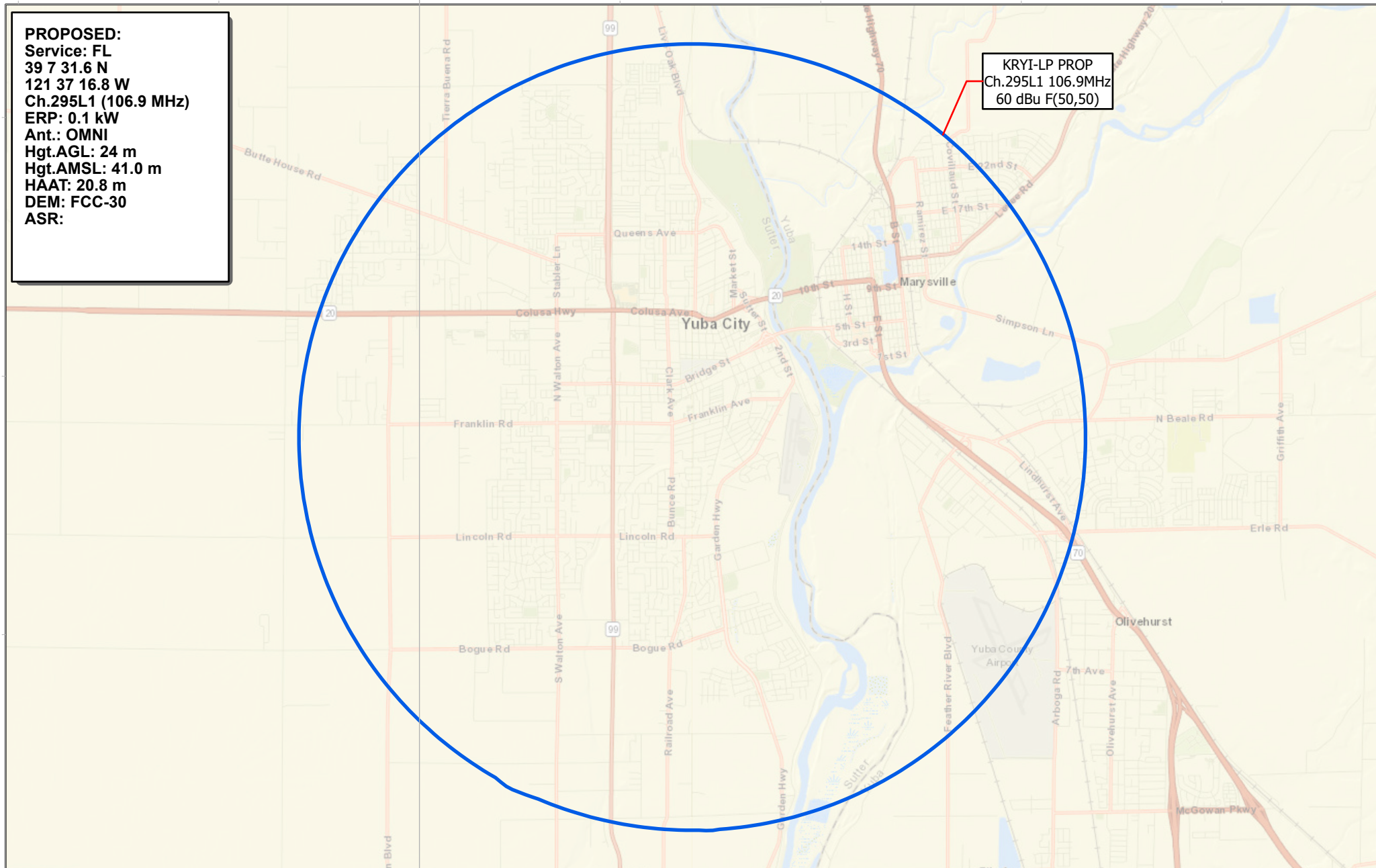
Terrain data DEM: FCC-30



-121°40'

**PROPOSED:**  
**Service:** FL  
**39 7 31.6 N**  
**121 37 16.8 W**  
**Ch.295L1 (106.9 MHz)**  
**ERP: 0.1 kW**  
**Ant.: OMNI**  
**Hgt.AGL: 24 m**  
**Hgt.AMSL: 41.0 m**  
**HAAT: 20.8 m**  
**DEM: FCC-30**  
**ASR:**

KRYI-LP PROP  
Ch.295L1 106.9MHz  
60 dBu F(50,50)



KRYI-LP YUBA CITY, CA Proposed Channel 295L1 (106.9 MHz)  
RHYTHM FOUNDATION, INC. - MINOR CHANGE

0 0.75 1.5 3 Kilometers

Figure 4

Community of license showing.

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## Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	<b>Power Density <math>\mu\text{W}/\text{cm}^2</math> at 2 meters AGL</b>				
						within 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$ )	Max. PD	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$ )	Distance to maximum PD (m)
<b>KRYI-LP (Proposed)</b>	24	<b>(EPA Type 1)</b>	1	0.1	0.1	8.2	0.82%	8.3	4.15%	6.0
<b>KRYC-LP</b>	15	<b>(EPA Type 1)</b>	1	0.1	0.1	23.8	2.38%	23.8	11.90%	3.6
						32.0	3.20%	39.3	19.65%	6.0

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FMModel (Revised version)