

**July 2019
KXLB(FM) Channel 264C1
Churchill, Montana
Allocation Study**

Background

The instant application proposes modification of KXLB, on Channel 264C1 Churchill, to a new transmitter site.

Spacing Study

The attached spacing study shows that the proposed Channel 264C1 transmitter site meets the co-channel and adjacent channel spacing requirements for Class C1 stations as prescribed in §73.207 of the Commission's Rules.

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SEARCH PARAMETERS                      FM Database Date: 190722
Channel: 264C1 100.7 MHz                Page 1
Latitude: 45 38 16
Longitude: 111 16 5
Safety Zone: 32 km
Job Title: KXLB 264C1 HIGH FLAT

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KYPM LIC	LIVINGSTON MT	BLED-30513ADH	210C3 89.9	1.900 265.0	45-35-51 110-32-45	94.3	56.51 32.51	24 CLEAR
K262AZ LIC	BOZEMAN MT	BLFT-90605AAK	262D 100.3	0.205 0.0	45-41-54 111-01-41	70.1	19.88 0.00	0 TRANS
KEAJ-LP LIC	CELL SITE MT	BLL-50804ADG	262L1 100.3	0.100 -25.8	46-24-09 112-00-11	326.5	102.30 0.00	0 LPPM
K262AB LIC	WALKERVILLE MT	BLFT-10707ABH	262D 100.3	0.099 257.0	46-01-29 112-31-24	294.3	106.60 0.00	0 TRANS
KSNA LIC	IDAHO FALLS ID	BLH-10330ACH	264C1 100.7	100.000 193.0	43-21-06 112-00-29	193.3	260.76 15.76	245 CLEAR
K264CZ CP	BUTTE MT	BNPFT-80509ACK	264D 100.7	0.250 848.0	46-00-27 112-26-30	294.7	100.03 0.00	0 TRANS
KXLB LIC	CHURCHILL MT	BLH-90426AAA	264C1 100.7	100.000 248.0	45-40-24 110-52-02	82.6	31.49 -213.51	245 SHORT
KRUL-LP LIC	HELENA MT	BLL-70323AAN	264L1 100.7	0.100 -59.4	46-36-22 112-01-15	332.0	122.35 0.00	0 LPPM
KBOQ LIC	LIMA MT	BLH-81105AAL	265A 100.9	0.100 -207.0	44-38-01 112-35-28	223.4	152.60 19.60	133 CLEAR
K265AS LIC	LIVINGSTON MT	BLFT-820524JH	265D 100.9	0.021 175.0	45-40-26 110-34-01	85.5	54.79 0.00	0 TRANS
K267BE LIC	BIG SKY MT	BLFT-20910ADG	267D 101.3	0.010 634.0	45-16-28 111-23-35	193.6	41.55 0.00	0 TRANS

===== END OF FM SPACING STUDY FOR CHANNEL 264 =====



Mercator Projection
NAD27 Conus
USNG Zone 12TVR
CalTopo

