

Channel Study

REFERENCE		CH# 215A - 90.9 MHz, Pwr= 3.8 kW DA, HAAT= 77.4 M, COR= 1123 M								DISPLAY DATES	
43 35 44.2 N.		Average Protected F(50-50)= 22.6 km								DATA 12-12-16	
116 08 40.3 W.		Standard Directional								SEARCH 12-16-16	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
215C0 Jordan Valley	KGCL!	LIC OR	DVX	215.0 34.6	79.69 BLED20050613AFL	43 00 26.0 116 42 23.0	21.500 659	187.2 2463	88.7 Educational Media Foundati	-143.0	-103.1
212C Boise	KBSU-FM	LIC ID	CY	11.8 191.8	18.18 BLED20010917AAP	43 45 21.0 116 05 54.0	17.500 827	8.0 2215	82.6 Idaho State Board Of Educa	6.4	-64.8*<
218C1 Boise	KBSX	LIC ID	C	11.8 191.8	18.18 BLED20010917AAO	43 45 21.0 116 05 54.0	3.800 827	4.0 2215	66.1 Idaho State Board Of Educa	10.4	-48.3*<
268D Boise	K268CU«!	CP ID	C	12.0 192.1	18.10 BFPT20161011AAZ	43 45 17.8 116 05 51.2	0.250	78.0 2177	65.0 Fm Idaho Co., Llc	10.0R	8.1M
268D Boise	K268CU«!	APP ID	C	12.0 192.1	18.10 BMPFT20161206AAQ	43 45 17.8 116 05 51.2	0.250	78.0 2182	65.0 Fm Idaho Co., Llc	10.0R	8.1M
268D Boise	K268CU«!	LIC ID	C	12.0 192.1	18.10 BLFT20160915AAU	43 45 17.8 116 05 51.2	0.250	78.0 2179	65.0 Fm Idaho Co., Llc	10.0R	8.1M

Terrain database is GLOBE 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone= - Zone 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"-"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.
< = Contour Overlap

KGCL Main and Aux Contours

- KGCL (215)
- KGCL Aux (215)

KGCL
BLED20050613AFL
Latitude: 43-00-26 N
Longitude: 116-42-23 W
ERP: 21.50 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 2463.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

KGCL Aux
3.8kw DA
Latitude: 43-35-43.80 N
Longitude: 116-08-43.70 W
ERP: 3.80 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 1123.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

