

K215EB is Fill-IN for KRFA

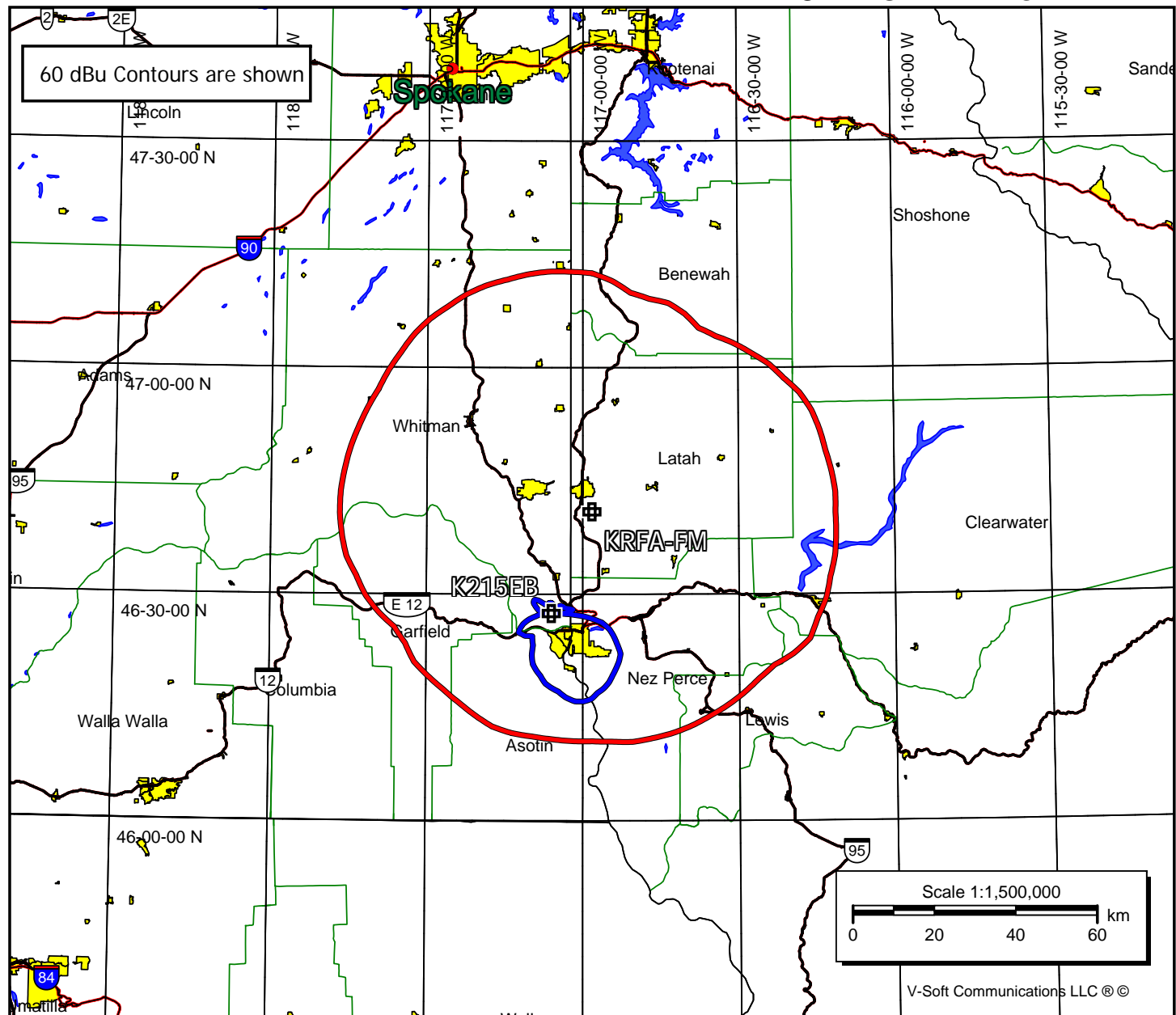
KRFA-FM

BLED20090312ABT
 Latitude: 46-40-54 N
 Longitude: 116-58-13 W
 ERP: 28.00 kW
 Channel: 219
 Frequency: 91.7 MHz
 AMSL Height: 1128.0 m
 Elevation: 1097.0 m
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

K215EB

Latitude: 46-27-26 N
 Longitude: 117-06-00 W
 ERP: 0.0645 kW
 Channel: 217
 Frequency: 91.3 MHz
 AMSL Height: 898.0 m
 Elevation: 851.33 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

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N. Lat. = 462726.0 W. Lng. = 1170600.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

Translator's 60 dBu service contour distances

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	833.2	64.8	0.0009	-30.32	0.120	2.58
030	847.3	50.7	0.0001	-42.36	0.030	1.61
060	840.0	58.0	0.0034	-24.67	0.230	3.39
090	590.5	307.5	0.0001	-42.36	0.030	1.54
120	334.5	563.5	0.0382	-14.17	0.770	19.61
150	329.3	568.7	0.0645	-11.90	1.000	22.54
180	398.6	499.4	0.0382	-14.17	0.770	18.21
210	486.2	411.8	0.0040	-23.95	0.250	9.00
240	342.0	556.0	0.0034	-24.67	0.230	9.32
270	524.6	373.4	0.0001	-42.36	0.030	1.55
300	575.8	322.2	0.0009	-30.32	0.120	4.95
330	853.6	44.4	0.0015	-28.38	0.150	2.43

Ave EI = 579.64 M HAAT= 318.36 M AMSL= 898

N. Lat. = 464054.0 W. Lng. = 1165813.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

KRFA-FM, Washington State University, BLED20090312ABT

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	844.1	283.9	28.0000	14.47	1.000	58.55
010	898.0	230.0	28.0000	14.47	1.000	54.58
020	898.4	229.6	28.0000	14.47	1.000	54.54
030	927.3	200.7	28.0000	14.47	1.000	52.18
040	904.5	223.5	28.0000	14.47	1.000	54.06
050	871.5	256.5	28.0000	14.47	1.000	56.56
060	841.6	286.4	28.0000	14.47	1.000	58.72
070	832.5	295.5	28.0000	14.47	1.000	59.37
080	829.6	298.4	28.0000	14.47	1.000	59.58
090	827.6	300.4	28.0000	14.47	1.000	59.71
100	815.5	312.5	28.0000	14.47	1.000	60.55
110	806.3	321.7	28.0000	14.47	1.000	61.20
120	797.4	330.6	28.0000	14.47	1.000	61.83
130	846.7	281.3	28.0000	14.47	1.000	58.36
140	852.6	275.4	28.0000	14.47	1.000	57.93
150	854.4	273.6	28.0000	14.47	1.000	57.81
160	855.3	272.7	28.0000	14.47	1.000	57.74
170	861.5	266.5	28.0000	14.47	1.000	57.29
180	875.5	252.5	28.0000	14.47	1.000	56.26
190	870.4	257.6	28.0000	14.47	1.000	56.64
200	855.2	272.8	28.0000	14.47	1.000	57.74
210	857.7	270.3	28.0000	14.47	1.000	57.56
220	868.0	260.0	28.0000	14.47	1.000	56.81
230	864.7	263.3	28.0000	14.47	1.000	57.06
240	877.8	250.2	28.0000	14.47	1.000	56.10
250	834.8	293.2	28.0000	14.47	1.000	59.21
260	805.9	322.1	28.0000	14.47	1.000	61.23
270	796.8	331.2	28.0000	14.47	1.000	61.87
280	800.9	327.1	28.0000	14.47	1.000	61.58
290	809.6	318.4	28.0000	14.47	1.000	60.97
300	817.3	310.7	28.0000	14.47	1.000	60.43
310	807.7	320.3	28.0000	14.47	1.000	61.10
320	797.5	330.5	28.0000	14.47	1.000	61.82
330	800.2	327.8	28.0000	14.47	1.000	61.63
340	814.0	314.0	28.0000	14.47	1.000	60.66
350	825.2	302.8	28.0000	14.47	1.000	59.88

Ave EI = 842.89 M HAAT= 285.11 M AMSL= 1128 M