

**September 2010
FM Translator K222AF
Azalea, OR Channel 223D
Allocation Study**

The attached spacing study shows the spacing between the proposed fill-in translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules. The attached allocation study map demonstrates compliance with the Commission's Rules for protection of FM broadcast stations and FM translators as outlined in §74.1204.

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SEARCH PARAMETERS FM Database Date: 100902

Channel: 223A 92.5 MHz Page 1

Latitude: 42 41 49

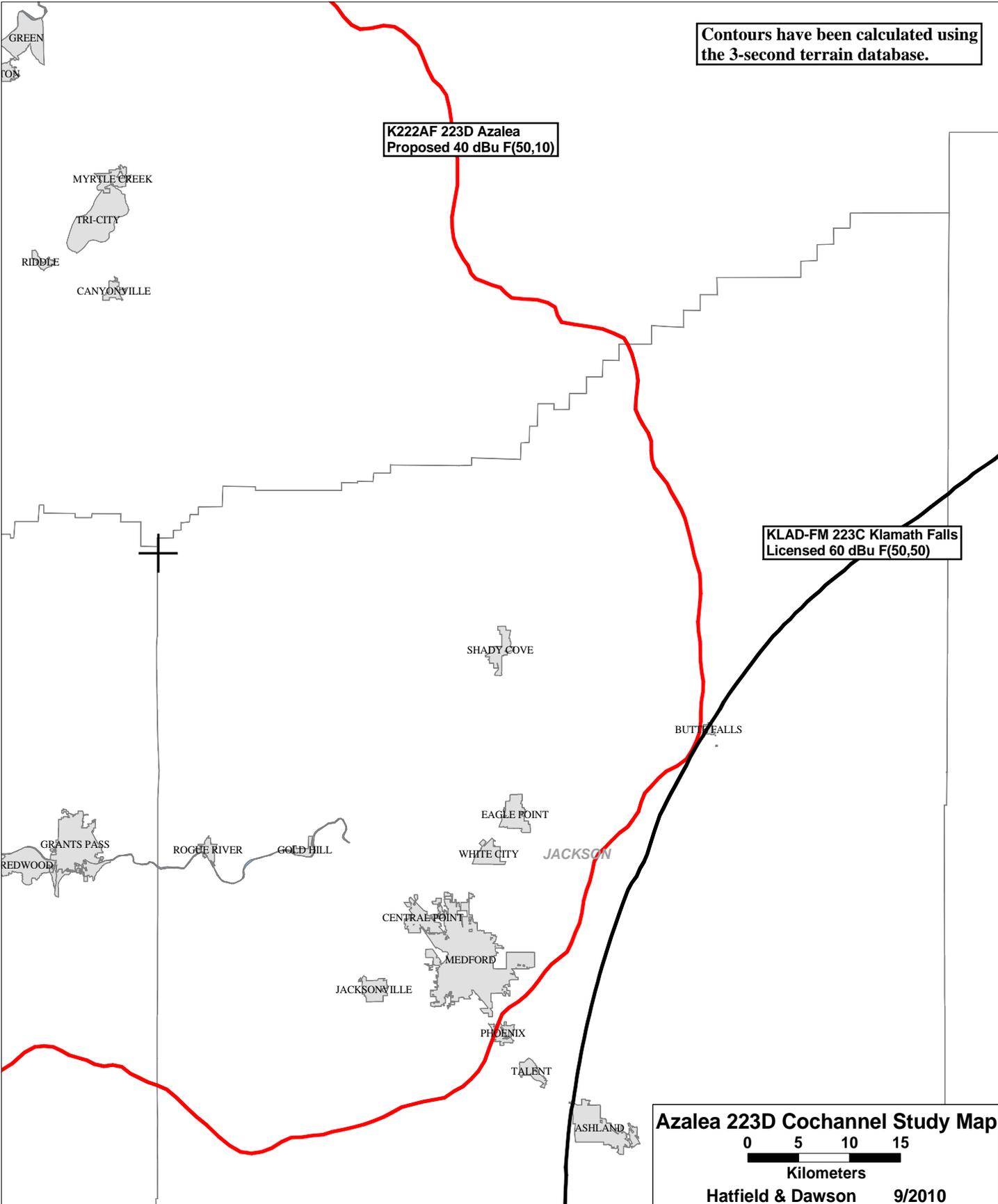
Longitude: 123 13 39

Safety Zone: 32 km

Job Title: AZALEA 223D

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K220AC LIC	RIDDLE, ETC. OR	BLFT-810602IF	220D 91.9	0.140 744.0	DA 42-54-06 123-17-07	348.3	23.23 0.00	0 TRANS
K220DQ LIC	ROSEBURG OR	BLFT-940216TC	220D 91.9	0.050 225.0	DA 43-12-24 123-21-47	349.0	57.70 0.00	0 TRANS
KMKR LIC	CANYONVILLE OR	BLED-90805ABV	221A 92.1	6.000 -209.0	42-55-42 123-17-05	349.7 SS	26.13 -4.87	31 SHORT
K221CP LIC	GRANTS PASS OR	BLFT-80129AAI	221D 92.1	0.200 670.0	DA 42-29-20 123-18-21	195.5	23.99 0.00	0 TRANS
K221ED LIC	MEDFORD AND CENTRAL OR	BLFT-40617AFU	221D 92.1	0.065 493.0	DA 42-21-25 122-58-35	151.4	43.04 0.00	0 TRANS
K222AF LIC	AZALEA OR	BLFT-60725ACJ	222D 92.3	0.008 952.0	42-41-53 123-13-41	339.8	0.13 0.00	0 TRANS
KLBG-LP LIC	GLIDE OR	BLL-90707ACF	223L1 92.5	0.093 30.9	43-19-07 123-10-42	3.3	69.18 2.18	67 CLOSE
KLAD-FM LIC	KLAMATH FALLS OR	BLH-891205KA	223C 92.5	63.000 653.0	42-05-50 121-37-59	116.5	147.22 -78.78	226 SHORT
KGBR LIC	GOLD BEACH OR	BLH-860716KF	224A 92.7	0.265 314.0	42-23-50 124-21-50	250.7	99.10 27.10	72 CLEAR
K224CN LIC	ROSEBURG-GREEN OR	BLFT-970721TI	224D 92.7	0.082 293.0	DA 43-12-08 123-22-54	347.5	57.52 0.00	0 TRANS
DKEPO LIC	EAGLE POINT OR	BLED-970611KC	225D 92.9	0.014 -124.0	42-28-21 122-47-48	125.1	43.27 0.00	0 CLS=D
K225AC LIC	GRANTS PASS, ETC. OR	BLFT-90608ACM	225D 92.9	0.200 464.0	DA 42-28-18 123-18-17	194.2	25.82 0.00	0 TRANS
NEW CP	TALENT OR	BNPH-60310ACD	225A 92.9	0.360 401.0	42-18-05 122-44-38	137.8	59.25 28.25	31 CLEAR
K276EO LIC	MERLIN OR	BLFT-60607ADP	276D 103.1	0.010 673.0	42-29-20 123-18-22	195.6	24.00 0.00	0 TRANS
K276EO APP	MERLIN OR	BPFT-00709AHI	276D 103.1	0.010 658.0	42-29-22 123-18-15	195.2	23.89 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 223 44444



Contours have been calculated using the 3-second terrain database.

K222AF 223D Azalea
Proposed 40 dBu F(50,10)

KLAD-FM 223C Klamath Falls
Licensed 60 dBu F(50,50)

Azalea 223D Cochannel Study Map

0 5 10 15

Kilometers

Hatfield & Dawson 9/2010

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FM Translator K222AF
Azalea, OR Channel 223D
NIER Study

Facilities Proposed

The proposed operation will be on Channel 223D (92.5 MHz) with an effective radiated power of 9 watts. Operation is proposed with an antenna to be mounted on an existing tower atop King Mountain.

The proposed antenna support structure will not exceed 60.96 meters (200 feet) above ground and does not require notification to the Federal Aviation Administration. Therefore, this structure does not require an Antenna Structure Registration Number.

NIER Calculations

Section 1.1307(b)(1) of the Commission's Rules exempts FM translators and boosters operating with an effective radiated power of 100 Watts or less from the requirement to submit an Environmental Assessment to determine compliance with FCC specified guidelines for human exposure to radiofrequency radiation. The applicant proposes operation with an effective radiated power of 18 Watts (9 Watts H + 9 Watts V) and therefore no calculations have been submitted. Nonetheless, public access to the site is restricted and all station personnel and contractors are required to follow appropriate safety procedures, including turning off the transmitter if necessary, prior to commencing work on the antenna tower.