

**FM Translator K298AQ  
Othello, WA Channel 298D  
Minor Modification Allocation Study  
June 2007**

The instant application proposes modification of the K298AQ authorization, while maintaining overlap between the authorized and proposed 60 dBu contours. Therefore, this application qualifies as a minor change.

The attached spacing study shows the spacing between the proposed 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 proposed facility complies with the Commission's Rules for protection of FM broadcast stations and FM translators as outlined in §74.1204.

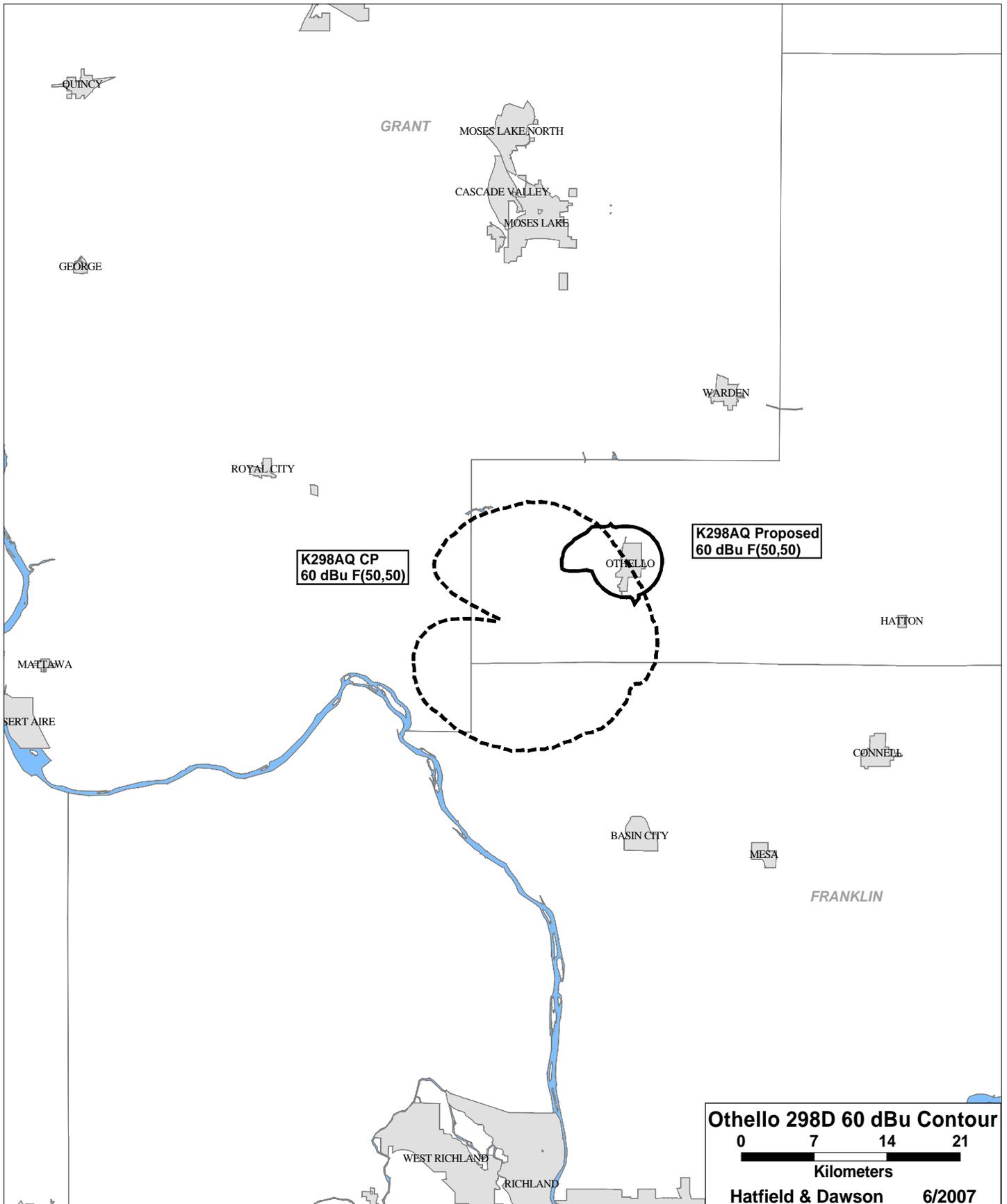
The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

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SEARCH PARAMETERS FM Database Date: 070612  
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 Channel: 298A 107.5 MHz  
 Latitude: 46 49 29  
 Longitude: 119 10 23  
 Safety Zone: 32 km  
 Job Title: OTHELLO 298D

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K295AU CP	MOSES LAKE WA	BNPFT-030829BBY	295D 106.9	0.250 69.0	47-05-15 119-15-25	347.7	29.90 0.00	0 TRANS
K296BP LIC	EPHRATA, ETC. WA	BLFT-840904MK	296D 107.1	0.041 234.0	47-18-56 119-35-08	330.4	62.92 0.00	0 TRANS
KFFM LIC	YAKIMA WA	BLH-990915AVQ	297C 107.3	100.000 461.0	46-38-26 120-23-45	258.1	95.68 -69.32	165 SHORT
KFFMaux LIC	YAKIMA WA	BXLH-991001ABU	297C 107.3	0.300 419.0	46-38-26 120-23-45	258.1	95.68 0.00	0 AUX
K298AQ CP	OTHELLO WA	BNPFT-030829BDV	298D 107.5	0.030 291.0	46-45-55 119-16-49	231.0	10.52 0.00	0 TRANS
KUMA-FM LIC	PENDLETON OR	BLH-050711ABV	299C1 107.7	75.000 340.0	45-35-27 118-34-47	161.4	144.59 11.59	133 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 298 44444



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Minor Modification NIER Study  
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**Facilities Proposed**

The proposed operation will be on Channel 298D (107.5 MHz) with an effective radiated power of 13 Watts. Operation is proposed with an antenna to be mounted on a pole atop a building in Othello.

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 26 Watts (13 Watts H + 13 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.