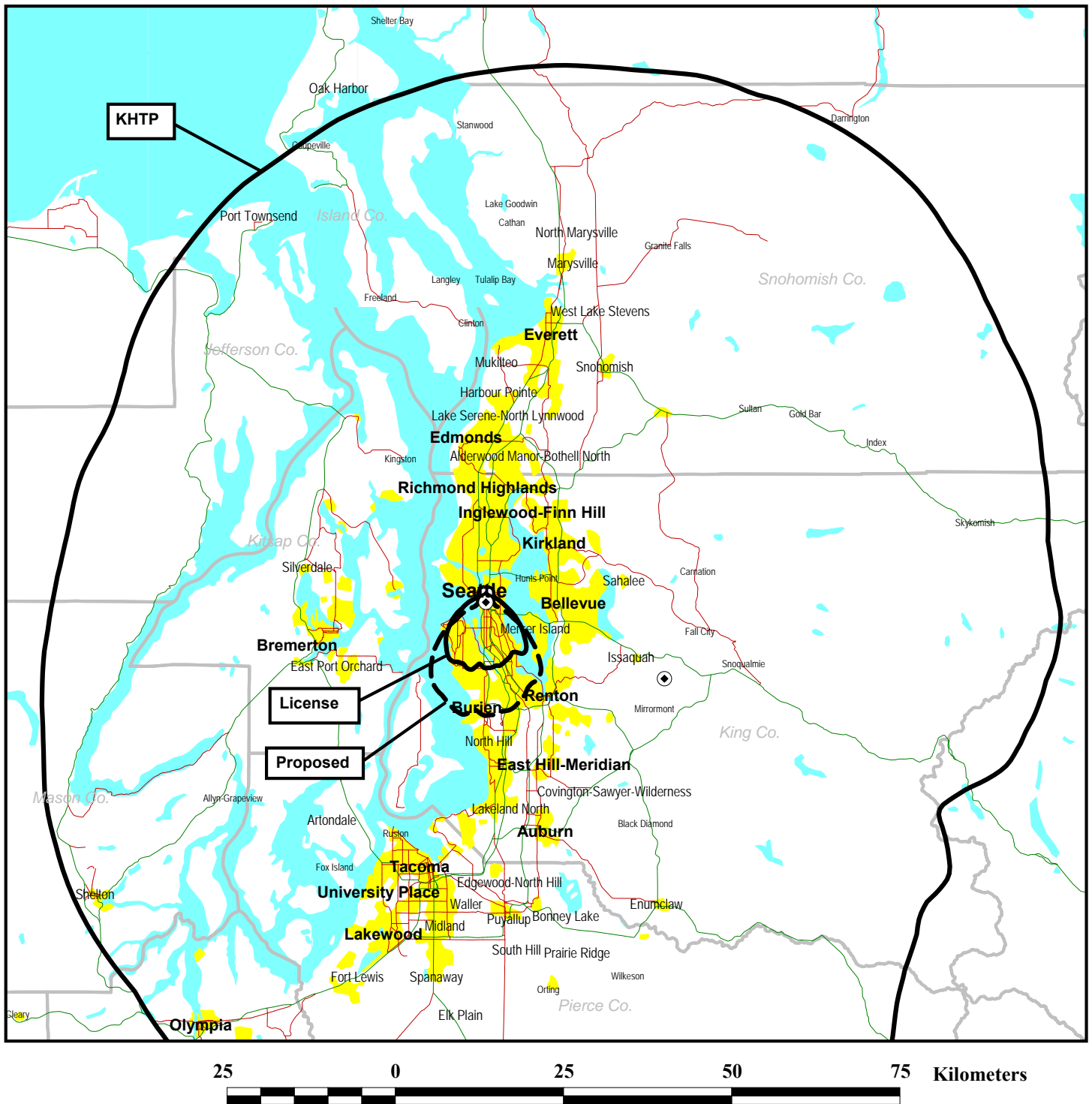


Figure 1



FCC PREDICTED 60 DBU CONTOURS

FM TRANSLATOR STATION K277AE
SEATTLE, WASHINGTON
CH 277 (103.3 MHz) 0.25 kW (DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

FM Contour Study

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



Channel: 277 **Coordinates:** 047-36-21 122-19-46 (NAD 27) **ERP:** 0.25 kW **Max. HAAT:** 233 m **Considering Only Interference Caused**

Comment: Proposed K277AE

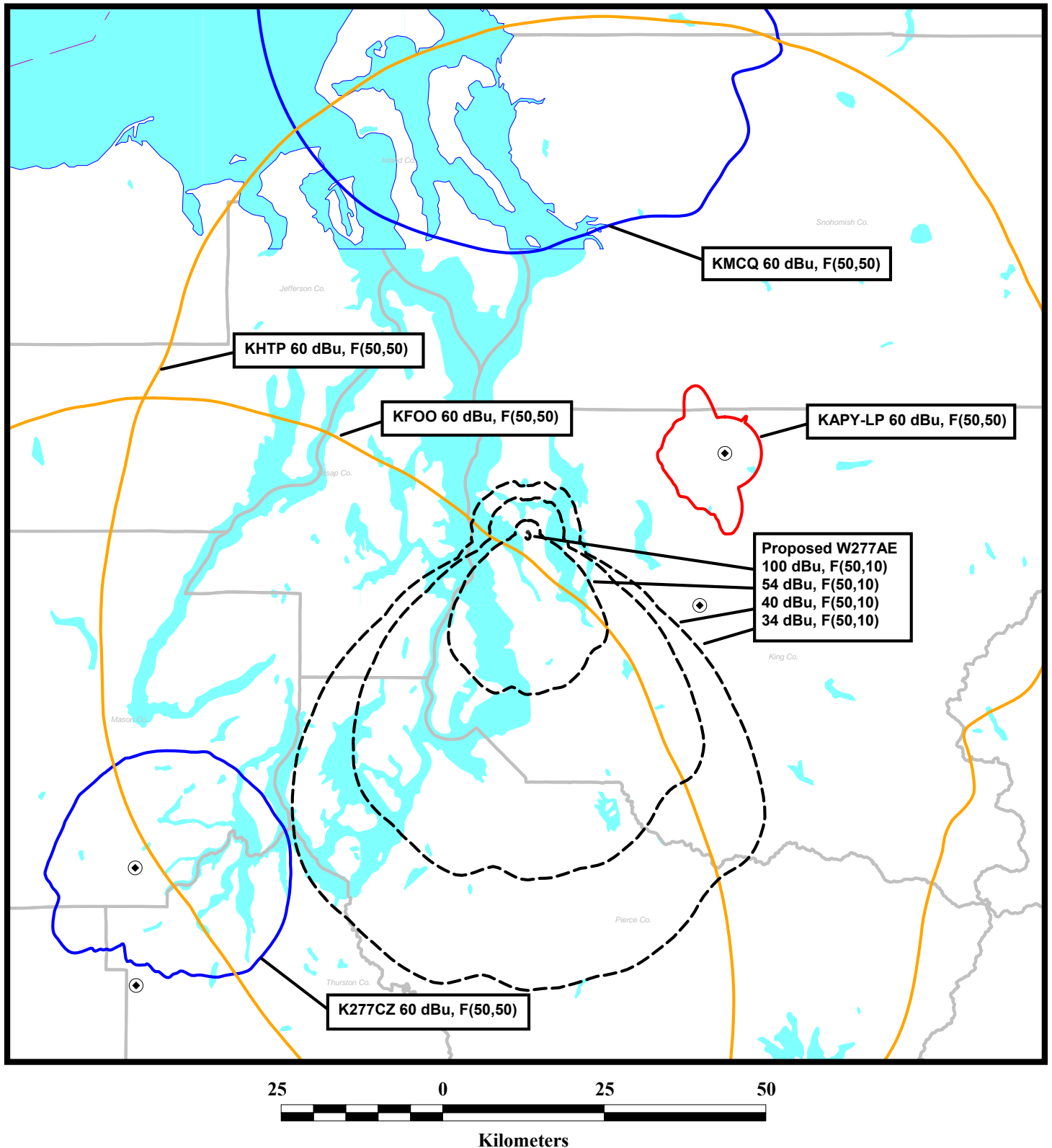
Callsign	Chan.	Service	Status	Freq.	City	State	Co.	Rec.	Latitude	Dist. (km)	Sep. (km)	Spac. (km)
Facility ID	ARN			Class	DA 73.215	ERP (kW)	HAAT (m)		Longitude	Bear. (deg)	Comment	
KQMV	223	FM	LIC	92.5	BELLEVUE	WA	US	C	47-30-17.3	29.46	29	0.46
4630	BLH	20060824AEA	C	N	Y	60	698		121-58-03.4	112.34	CLOSE	
KFOO	275	FM	LIC	102.9	CENTRALIA	WA	US	C	46-58-31	93.02	95.79	-2.77
33829	BLH	20050126ABD	C	N	N	70	668		123-08-16	221.3	SHORT	/1
KFOO 60.0 dBu desired distance: 94.7 km						Proposed 100.0 dBu undesired distance: 1.1 km						
KAPY-LP	276	FL	LIC	103.1	DUVALL	WA	US	C	47-42-55.8	32.9	35.28	-2.38
196829	BLL	20170410AAJ	L1	N	N	0.1	16		121-55-21.6	68.03	SHORT	/1
KAPY-LP 60.0 dBu desired distance: 5.6 km						Proposed 54.0 dBu undesired distance: 29.6 km						
K277AE	277	FX	LIC	103.3	SEATTLE	WA	US	C	47-36-59	1.17	76.38	-75.21
18522	BLFT	20170307AMN	D	C	N	0.25			122-19-45	1.02	SHORT	/2
K277AE 60.0 dBu desired distance: 14.8 km						Proposed 40.0 dBu undesired distance: 61.6 km						
KMCQ	277	FM	LIC	103.3	OAK HARBOR	WA	US	C	48-21-55	84.57	107.33	-22.76
191491	BLH	20160511ABF	C3	D	N	1.4	414		122-16-03	3.1	SHORT	/1
KMCQ 60.0 dBu desired distance: 45.8 km						Proposed 40.0 dBu undesired distance: 61.6 km						
K277CZ	277	FX	LIC	103.3	SHELTON	WA	US	C	47-08-20	80.25	86.98	-6.73
154893	BLFT	20151002ADI	D	D	N	0.25			123-08-23	229.9	SHORT	/1
K277CZ 60.0 dBu desired distance: 25.4 km						Proposed 40.0 dBu undesired distance: 61.6 km						
KHTP	279	FM	LIC	103.7	TACOMA	WA	US	C	47-30-14	29.01	98.4	-69.39
18513	BLH	20080730AKI	C	D	N	68	707		121-58-29	112.94	SHORT	/3
KHTP 60.0 dBu desired distance: 97.3 km						Proposed 100.0 dBu undesired distance: 1.1 km						

/1 Proposal complies with the contour overlap provisions of 74.1204(a). See Exhibit 17 and Figure 3.

/2 Licensed K277AE operation being modified by the instant proposal.

/3 There will be contour overlap normally prohibited by 74.1204. However, based on the undesired-to-desired (U/D) signal strength interference ratio methodology, which is permitted per Living Way Ministries, it has been determined that no actual interference will occur due to lack of population under 74.1204(d). See Exhibit 17 and Figures 3 and 4.

Figure 3



COMPLIANCE WITH SECTION 74.1204

FM TRANSLATOR STATION K277AE
SEATTLE, WASHINGTON
CH 277 (103.3 MHz) 0.25 kW (DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 4

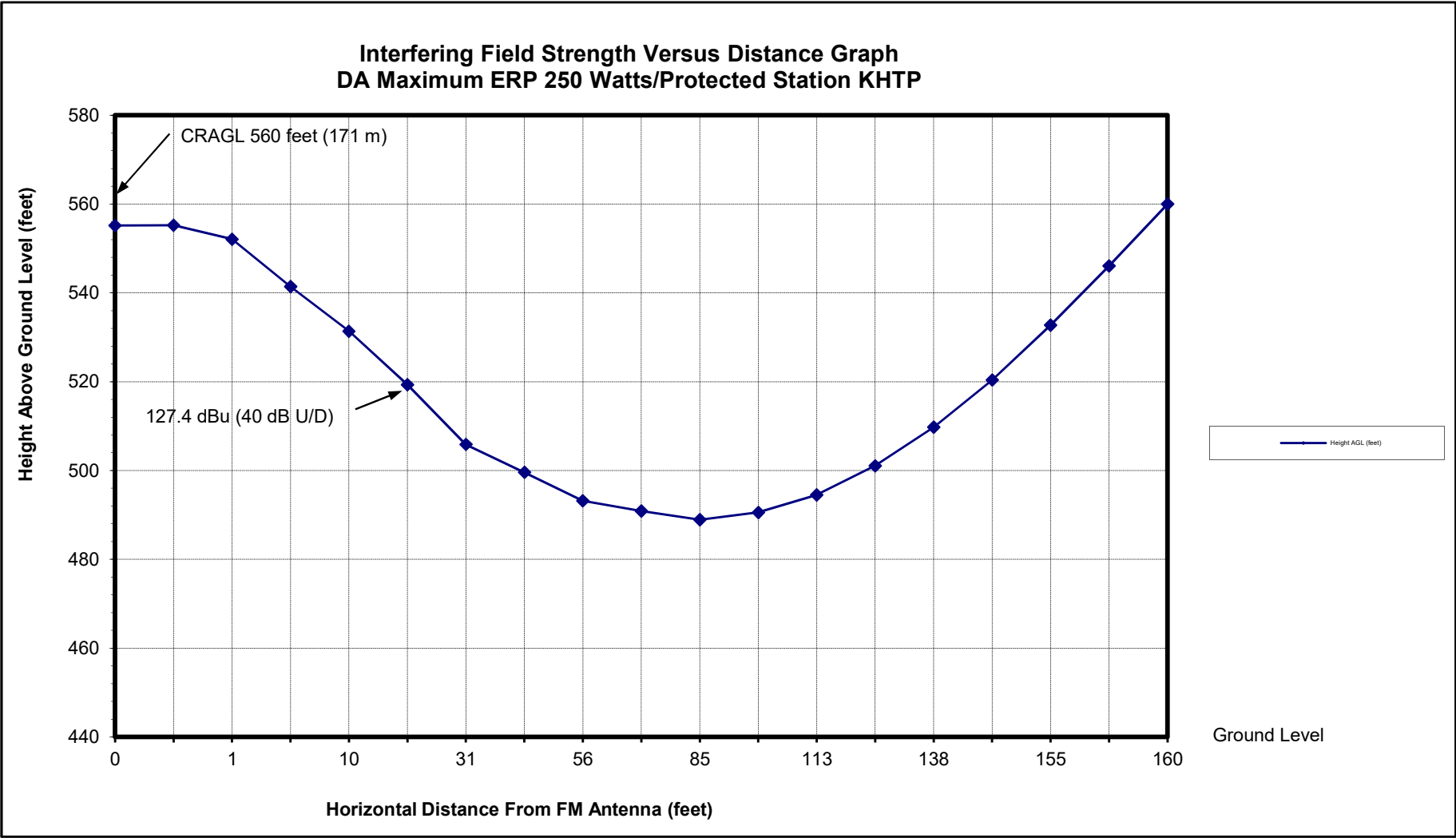


Figure 5

