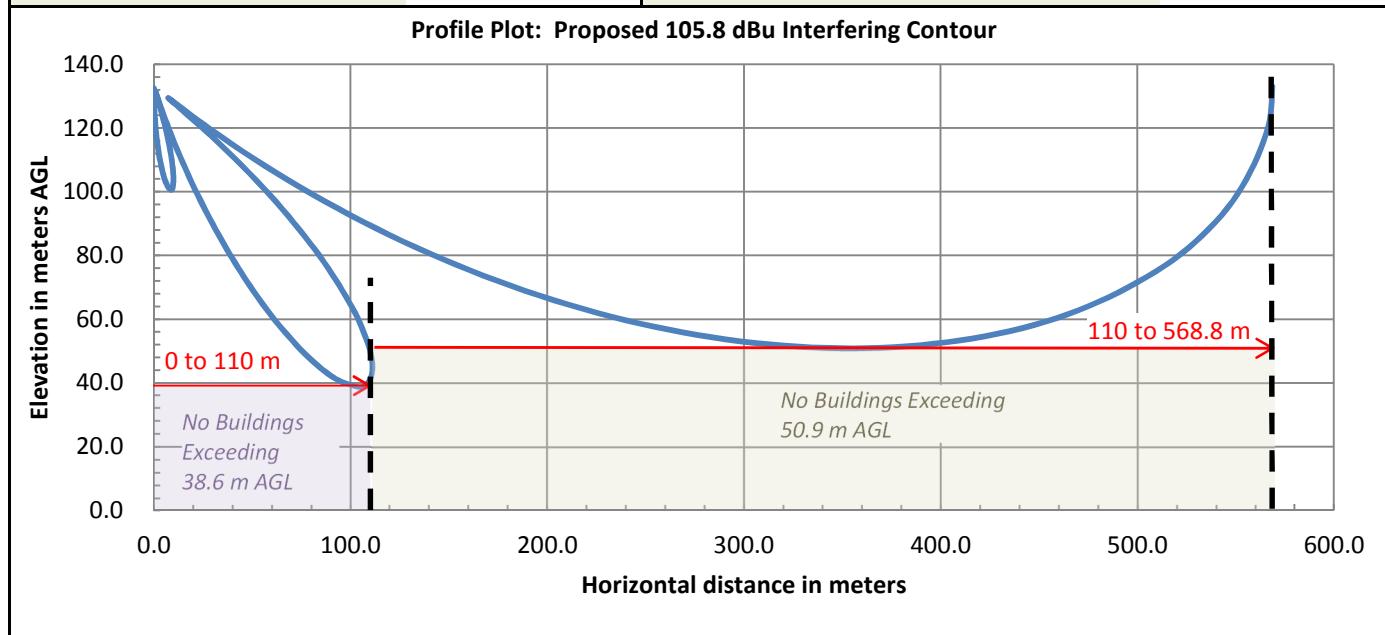


### CONTOUR OVERLAP ANALYSIS TO A SECOND/THIRD ADJACENT-CHANNEL STATION

<b>Proposed facility:</b>	K284CM	<b>Affected station:</b>	KXSE
Channel:	284	Channel:	282A
Tower Ground Elevation:	6 m	FCC file number:	BLH-20030218AAQ
Latitude(DD-MM-SS.S):	38-35-16	Latitude(DD-MM-SS.S):	38-39-26.0
Longitude(DDD-MM-SS.S):	121-29-22	Longitude(DDD-MM-SS.S):	121-43-12.0
ERP:	0.250 kW	Distance to K284CM:	21.507 km
RCAGL:	133 m	Predicted field strength at 111°:	65.8 dBu
Antenna Elevation Pattern:	PSI FML-3A-75WS	Undesired-to-desired ratio:	40 dB



Depression Angle $\theta$ (°)	Relative Field	ERP (Watts)	105.8 dBu (m) Free Space Equation	Horizontal DX from Tower(m)	Vertical Clearance AGL (m)
90	0.001	0.000	0.6	0.0	132.4
85	0.028	0.196	15.9	1.4	117.1
80	0.050	0.625	28.4	4.9	105.0
75	0.059	0.870	33.6	8.7	100.6
70	0.050	0.625	28.4	9.7	106.3
65	0.021	0.110	11.9	5.0	122.2
60	0.030	0.225	17.1	8.5	118.2
55	0.096	2.304	54.6	31.3	88.3
50	0.168	7.056	95.6	61.4	59.8
45	0.227	12.882	129.1	91.3	41.7
42	0.248	15.376	141.1	104.8	38.6
40	0.252	15.876	143.3	109.8	40.9
35	0.222	12.321	126.3	103.4	60.6
30	0.120	3.600	68.3	59.1	98.9
25	0.055	0.756	31.3	28.4	119.8
20	0.287	20.592	163.2	153.4	77.2
15	0.543	73.712	308.9	298.3	53.1
10	0.777	150.932	442.0	435.2	56.3
5	0.941	221.370	535.2	533.2	86.4
0	1.000	250.000	568.8	568.8	133.0