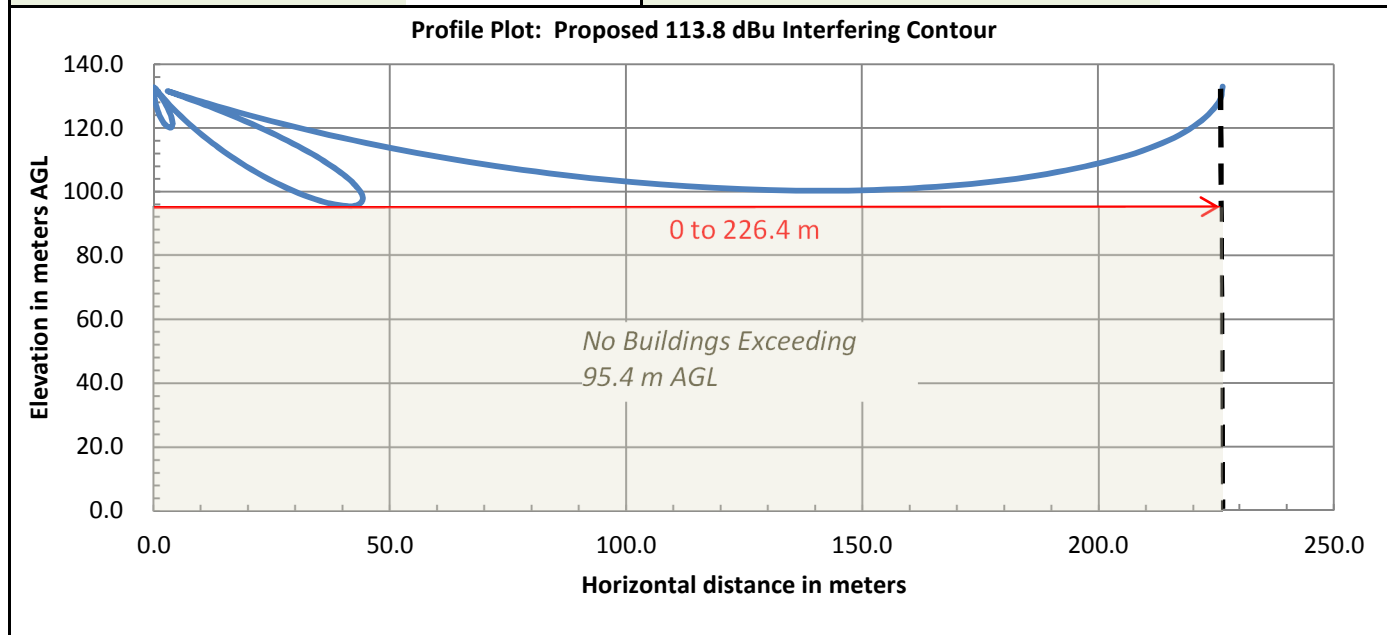


CONTOUR OVERLAP ANALYSIS TO A SECOND/THIRD ADJACENT-CHANNEL STATION

Proposed facility:	K284CM	Affected station:	KNCI
Channel:	284	Channel:	286B
Tower Ground Elevation:	6 m	FCC file number:	BLH-19840815CB
Latitude(DD-MM-SS.S):	38-35-16	Latitude(DD-MM-SS.S):	38-38-31.0
Longitude(DDD-MM-SS.S):	121-29-22	Longitude(DDD-MM-SS.S):	121-05-25.0
ERP:	0.250 kW	Distance to K284CM:	35.282 km
RCAGL:	133 m	Predicted field strength at 260.3°:	73.8 dBu
Antenna Elevation Pattern:	PSI FML-3A-75WS	Undesired-to-desired ratio:	40 dB



Depression Angle θ (°)	Relative Field	ERP (Watts)	113.8 dBu (m) Free Space Equation	Horizontal DX from Tower(m)	Vertical Clearance AGL (m)
90	0.001	0.000	0.2	0.0	132.8
85	0.028	0.196	6.3	0.6	126.7
80	0.050	0.625	11.3	2.0	121.9
75	0.059	0.870	13.4	3.5	120.1
70	0.050	0.625	11.3	3.9	122.4
65	0.021	0.110	4.8	2.0	128.7
60	0.030	0.225	6.8	3.4	127.1
55	0.096	2.304	21.7	12.5	115.2
50	0.168	7.056	38.0	24.5	103.9
45	0.227	12.882	51.4	36.3	96.7
42	0.248	15.376	56.2	41.7	95.4
40	0.252	15.876	57.1	43.7	96.3
35	0.222	12.321	50.3	41.2	104.2
30	0.120	3.600	27.2	23.5	119.4
25	0.055	0.756	12.5	11.3	127.7
20	0.287	20.592	65.0	61.1	110.8
15	0.543	73.712	123.0	118.8	101.2
10	0.777	150.932	175.9	173.3	102.4
5	0.941	221.370	213.1	212.3	114.4
0	1.000	250.000	226.4	226.4	133.0