

Exhibit #4-A—Parameters and Calculation of the 113 dBu signal contour at the Proposed Facility location.

Proposed Station WHB NEW
Protected Station: KZPT/KQRC

dBu @ proposed
location: 113
Proposed RCAGL (m) 300
Proposed ERP (W) 75

Depression Angle	Distance to contour (m)	E (v/m)	dBu	Distance from Tower (m)	Contour Height (m)
0	136	0.447	113.0	136.0	300.0
5	132	0.446	113.0	131.5	288.5
10	129	0.447	113.0	127.0	277.6
15	125	0.447	113.0	120.7	267.6
20	118	0.448	113.0	110.9	259.6
30	96.5	0.447	113.0	83.6	251.8
40	71	0.445	113.0	54.4	254.4
50	60	0.354	111.0	38.6	254.0
60	27.3	0.445	113.0	13.7	276.4
70	20.5	0.444	113.0	7.0	280.7
80	21.8	0.446	113.0	3.8	278.5
90	24.6	0.444	113.0	0.0	275.4

Calculated EIRP 123