

Doug Vernier Telecommunications Consultants

N. Lat. = 38 46 16 W. Lng. = 98 44 16

HAAT and Distance to Contour - FCC Method - 03 Arc Sec.

KOOD-D, Smoky Hills Public Tv Corp. , BPEDT20000427ACP

Azi. AV EL HAAT kW dBk Field 41 .9

000	542.6	311.0	486.1296	26.87	.990	91.64
010	547.6	306.0	485.6387	26.86	.990	91.04
020	540.9	312.7	449.0547	26.52	.952	91.16
030	537.9	315.7	388.9187	25.90	.886	90.28
040	538.0	315.6	324.6226	25.11	.809	88.76
050	525.2	328.4	273.8163	24.37	.743	88.83
060	518.0	335.6	246.1749	23.91	.705	88.75
070	518.6	335.0	246.1749	23.91	.705	88.69
080	523.5	330.1	273.8163	24.37	.743	89.01
090	550.1	303.5	324.6226	25.11	.809	87.31
100	555.4	298.2	388.9187	25.90	.886	88.15
110	558.4	295.2	449.5268	26.53	.952	89.00
120	565.1	288.5	486.1296	26.87	.990	88.79
130	567.3	286.3	486.1296	26.87	.990	88.48
140	567.8	285.8	449.5268	26.53	.952	87.73
150	572.1	281.5	388.9187	25.90	.886	85.88
160	571.5	282.1	324.6226	25.11	.809	84.48
170	576.1	277.5	273.8163	24.37	.743	82.55
180	570.0	283.6	246.1749	23.91	.705	82.54
190	576.8	276.8	246.1749	23.91	.705	81.68
200	581.5	272.1	273.8163	24.37	.743	81.86
210	575.5	278.1	324.6226	25.11	.809	83.94
220	565.1	288.5	388.9187	25.90	.886	86.85
230	565.5	288.1	449.0547	26.52	.952	88.03
240	566.4	287.2	485.6387	26.86	.990	88.59
250	561.5	292.1	486.1296	26.87	.990	89.28
260	554.8	298.8	449.5268	26.53	.952	89.47
270	542.1	311.5	388.9187	25.90	.886	89.79
280	526.1	327.5	324.6226	25.11	.809	90.11
290	537.1	316.5	273.8163	24.37	.743	87.47
300	541.8	311.8	246.1749	23.91	.705	86.06
310	538.9	314.7	246.1749	23.91	.705	86.41
320	542.5	311.1	273.8163	24.37	.743	86.83
330	552.5	301.1	324.6226	25.11	.809	87.00
340	550.7	302.9	388.9187	25.90	.886	88.74
350	543.3	310.3	449.5268	26.53	.952	90.88

Additional Radials (Not Considered in Average):

005	545.5	308.1	496.0000	26.95	1.000	91.48
065	519.0	334.6	238.8915	23.78	.694	88.41
125	564.3	289.3	496.0000	26.95	1.000	89.08
185	572.8	280.8	238.8915	23.78	.694	81.96
245	566.1	287.5	496.0000	26.95	1.000	88.82
305	539.7	313.9	238.8915	23.78	.694	86.08

283.4 531.1 322.5 304.2164 24.83 .783 69.09 (Principal City)

Ave El= 551.89 M HAAT= 301.71 M AMSL= 853.6 M