

scenarios UTD and Geometrical optic models have to be used together. If the receiver is away from the transmitter, electric field decreases. As the receiving point move in x, y or diagonal, electric fields decreases greatly. As a conclusion, in order to increase QoS in broadcasting system or reducing base station number coverage mapping have to be made firstly.

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TABLE I. HEIGHT OF BUILDING

1	9	1	15	0	20	15	19	10	5	5	15	20	7	15	2	12	9	15	5	1
9	13	2	9	13	17	6	8	18	14	5	15	6	5	0	7	9	6	6	5	19
18	8	10	11	10	5	20	3	18	0	6	15	13	3	19	11	5	12	19	18	10
9	6	1	15	2	7	8	18	0	17	6	5	10	15	4	4	20	12	6	20	18
3	0	14	18	2	0	12	12	10	0	14	19	18	2	7	5	11	12	6	16	16
16	7	1	14	20	3	2	19	10	17	17	3	5	1	12	16	10	0	20	10	6
3	13	12	15	3	7	3	17	7	5	0	16	10	11	18	15	14	3	11	20	12
16	20	18	4	0	9	0	9	19	5	8	9	17	17	9	7	19	15	15	19	10
16	9	17	8	15	20	10	9	4	6	2	7	6	7	17	11	10	16	2	13	7
7	12	18	4	14	18	4	6	10	18	10	5	11	12	8	0	14	10	8	1	7
4	4	17	8	1	7	16	3	19	6	6	4	16	1	19	3	6	14	2	10	15
19	15	15	8	5	10	4	17	13	17	16	9	6	14	20	16	17	14	12	15	10
18	1	20	2	11	8	2	15	12	16	11	17	12	19	18	10	16	9	17	6	20
5	1	15	17	19	6	16	11	9	17	19	1	14	4	8	5	17	20	13	14	19
14	11	7	13	7	8	7	9	10	19	4	7	12	10	5	12	18	1	9	1	11
11	16	4	12	9	18	13	7	7	5	20	6	3	7	15	14	14	0	7	18	6
12	6	2	8	17	20	18	1	7	4	6	20	11	15	17	3	18	2	15	15	15
2	9	10	11	18	14	16	11	20	1	11	5	10	14	4	12	6	18	2	2	20
3	3	3	1	9	14	17	16	14	9	14	20	10	6	16	4	4	9	13	12	2
2	5	15	8	17	19	8	1	11	15	6	10	4	19	10	11	4	2	1	17	16
4	18	14	13	20	0	8	10	12	1	13	1	11	14	10	12	4	13	7	2	7

