D(km)	90 (m)	110 (m)	130 (m)	150 (m)	170 (m)	180 (m)	190 (m)	210 (m)	230 (m)	250 (m)	270 (m)
0	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859
1	1512.7	1419.9	1362.5	1429.9	1433.2	1471.5	1494.1	1527.8	1528.7	1530.8	1534.4
2	1820.2	1709.4	1257.9	1155.6	995.5	981.4	1012.8	1066.5	1128.7	1189.8	1477.4
3	1927.9	1726.2	1010.8	956.5	916.3	914.5	904.9	933.3	948.1	1012	1284.6
4	2098.8	1619.5	946.5	901.2	888.4	885	877.4	879.3	898.1	953.3	1159.2
5	2064.7	1702.4	897.9	866.8	870	875.6	902.1	912.5	888.9	974.3	1162.7
6	1611.5	1468.4	872.2	845.5	884.2	1038.6	1001.2	877.5	892.3	942.5	1283.6
7	1881.7	1552.8	869.4	905.3	887.9	943.6	1094.2	922.8	903	971.3	1049.5
8	2223.1	1775.1	863.4	908.5	924.4	934.2	1040.4	995.6	983.5	1028.1	882.3
9	2224.7	1692.1	842.5	934.3	1070.4	942.4	973	906.9	1014.3	1001.4	967.4
10	2047.1	1677.6	842.4	989.9	975.7	1021.9	1045.4	907.4	968.7	1047.4	881.5
11	2214.2	1710.8	928.7	1082.4	984.8	996.2	1130.7	916.7	980	1258.6	721.4
12	1983	1482.7	930.2	1211.5	1200	1103.2	1305.9	928	1192.1	1153.4	658.2
13	1517.8	1338	789.2	1309.3	1413.7	1247.5	1382.1	1057.7	1295.1	1284.4	625.6
14	1445.7	1301.9	857	1161.5	1137.7	1146	1376.2	1062.8	1334.9	1389.1	625.8
15	1523.1	1256.3	946.2	1100.9	1127.3	875.9	1161.4	1102.4	1163.1	1501.6	594.3
16	1428.4	986	798.4	984.2	1139.7	925.3	1283.1	1352.5	990.3	1468.6	581.9

17	1584.5	954.3	773	809.1	873.9	1026.3	1301.4	1498.1	1058.5	1567.2	690.2
18	1889.5	902.9	848.3	1059.6	875.8	1154.2	1247.6	1433.4	1114.7	1554	772.9
19	1736.3	682.1	992.7	961.8	735.1	899.5	1218.7	1425.7	1050.2	1676.5	936.7
20	1909	636	857.3	803.1	674	981.1	1245.3	1392.6	1091	1744.9	791.5
21	1779.9	648.4	619	1091.9	978.1	1201.3	1004.2	1431.2	1154.8	1837.3	647.6
22	1735.2	890.7	671.4	796.9	721	885.6	952.9	1472.2	1254.2	1833.2	594.2
23	1819.1	757.9	382.8	476.9	682.6	992.7	1043.7	1336.2	1274.7	1922.1	484.2
24	1716.9	852	366.2	678.2	686.1	819.8	870.5	1271.7	1455.9	1843.2	359.1
25	1604.1	747.2	470.3	472.1	643	668.6	899.2	1061.2	1624.2	1806.9	508.2
26	1684.5	460.3	579.4	554.2	550	727.7	706.4	948.9	1397.2	1890.4	671.9
27	1656.7	396	974.1	445.8	578.3	617.3	713.6	770.3	1380.1	2014.7	854.6
28	1520.1	683.3	1011.3	358.9	423.3	453.3	609.2	765.1	1283.4	1722.8	857.7
29	1649.2	673	695.1	264.9	380.4	487.6	557.5	746.9	1262.2	1633.9	800.2
30	1727.8	570.3	481.9	236.2	376.6	539.9	603.9	772.4	1330.6	1582.1	597.7
31	1313.8	424	498.6	246.5	337.1	499.6	653.1	858.6	1352.8	1634.3	479.4
32	1427.9	391.7	364.9	239.4	372.2	493.7	714.8	639.5	1404.1	1656	484.2
33	1213.3	385.9	235.7	213.8	305.9	399.4	849.6	683.4	1349.2	1972.5	279.2
34	925.8	358	197	197.6	318.7	399.2	645.5	608	1327.8	1870.4	609.2
35	1319.8	320.1	213.4	212.7	310.7	336.5	741.8	424.9	1106.7	1859.1	545.1
36	1388.6	312.7	209.2	194.2	266.9	326.3	542.1	611.2	1117.4	1912.3	439.8
37	1413.7	321	235.4	183.4	242.7	320.9	450.3	631	1381.9	2018.2	604.2
38	1499.8	306.2	424.7	164.3	265.6	290.8	473	472.1	1067.4	1958.2	828.1
39	1166	343.2	436.3	141.1	240.4	275.7	305.2	422.6	920.5	2087.8	683.3
40	1205.1	392.4	521.4	133.1	218.6	252.9	289.8	645.9	763.4	2287.8	269.4
41	1492.1	454.3	518.5	209.3	243.6	243	306.6	785.2	756.7	2039.1	403.8
42	1521.4	443	491.2	196.7	225.3	226.4	294.3	526.6	822.2	1580.1	633.6
43	1392.6	460.2	510.9	246.7	224.3	210.2	445.5	642.7	630.8	1381.8	711.7

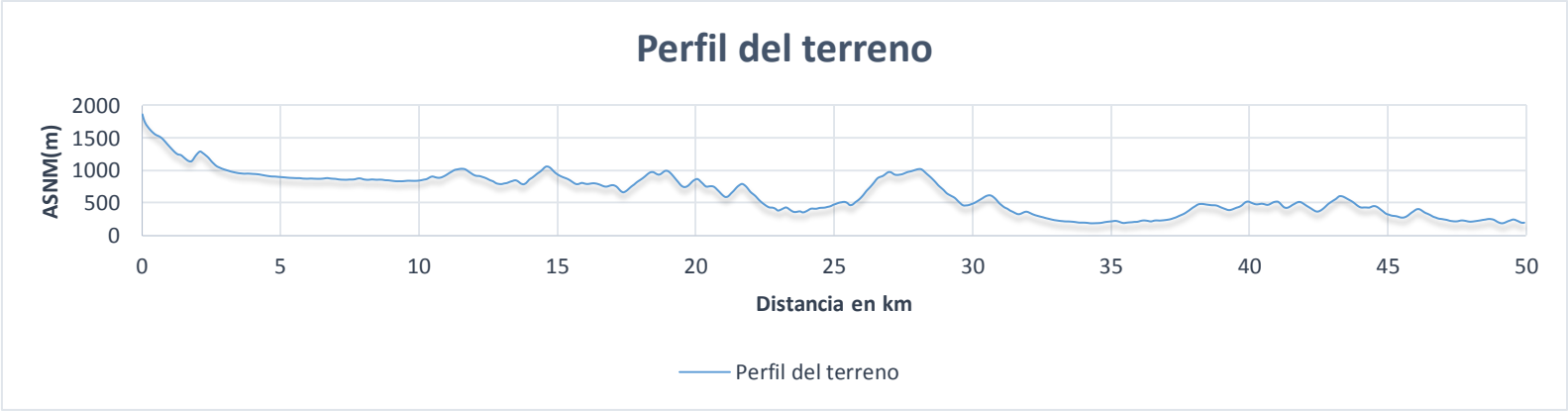
44	1505.5	427.9	448.2	282.7	199	220.2	602.4	828.3	852	1533.6	593.8
45	1497.9	395.4	333.3	332.4	191.8	383.1	451.5	856.8	906	1239.2	475.1
46	1245.9	554.8	372.3	377.3	195.9	440.7	452.7	798.5	700.5	1578.2	480.2
47	1792.1	567.5	253	551.7	243.1	443.8	619.8	704.9	746.5	1682	465.2
48	1641.1	589.2	212.4	363.7	232.5	558.3	707.9	809.3	598.7	1615.2	192.2
49	1480.5	561	215.6	379.4	311	594.4	677.2	1020.6	508.5	1737.6	455.3
50	1384.5	591.1	196	632.9	559.3	476.9	741.9	849.4	616.3	1687.5	436.6

Alturas de los Radiales 90-270 Grados.

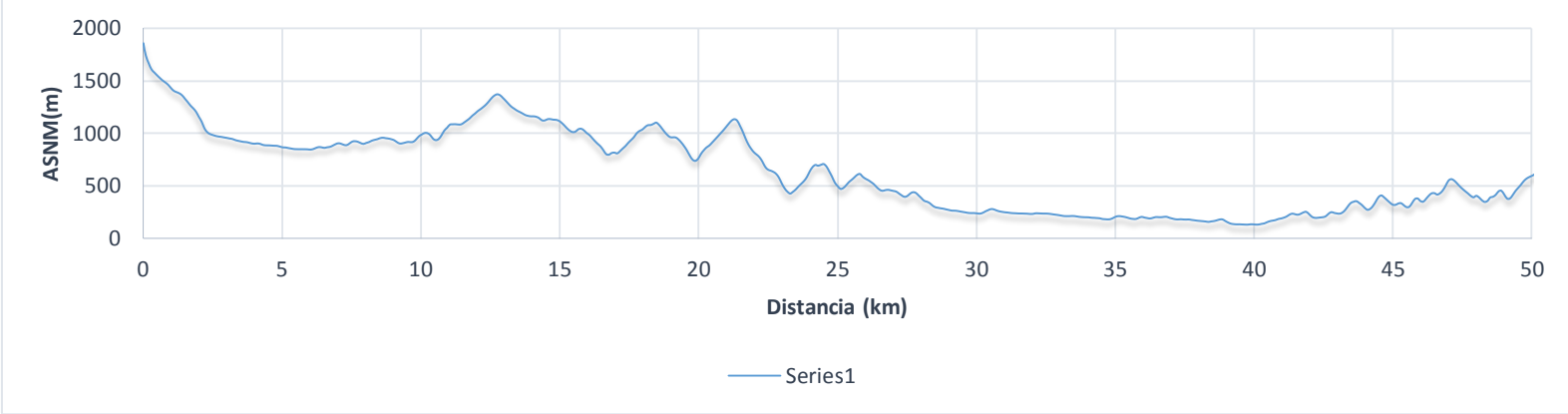
Perfiles de terreno para los radiales 90-270

Grafica 1. Perfil del terreno en el radial 90

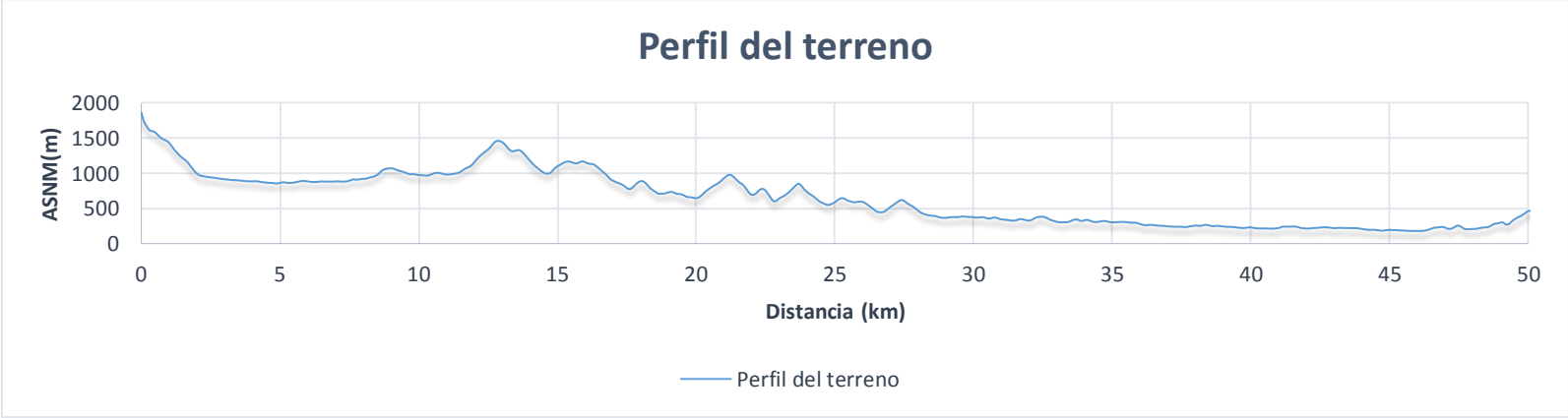
Grafica 2. Perfil del terreno del radial 110



Grafica 3 perfil del terreno del radial 130

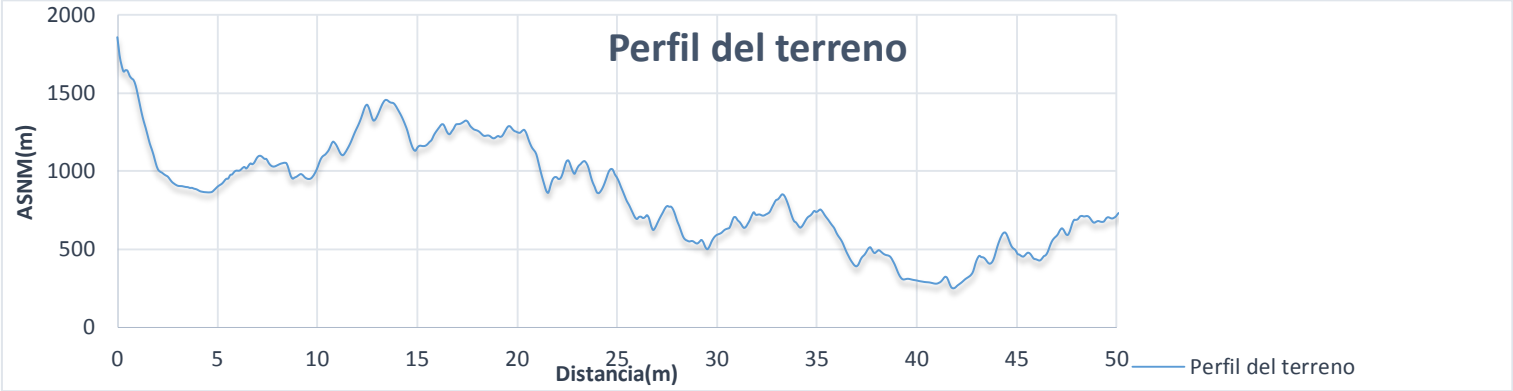


Grafica 4. Perfil de terreno del radial 150



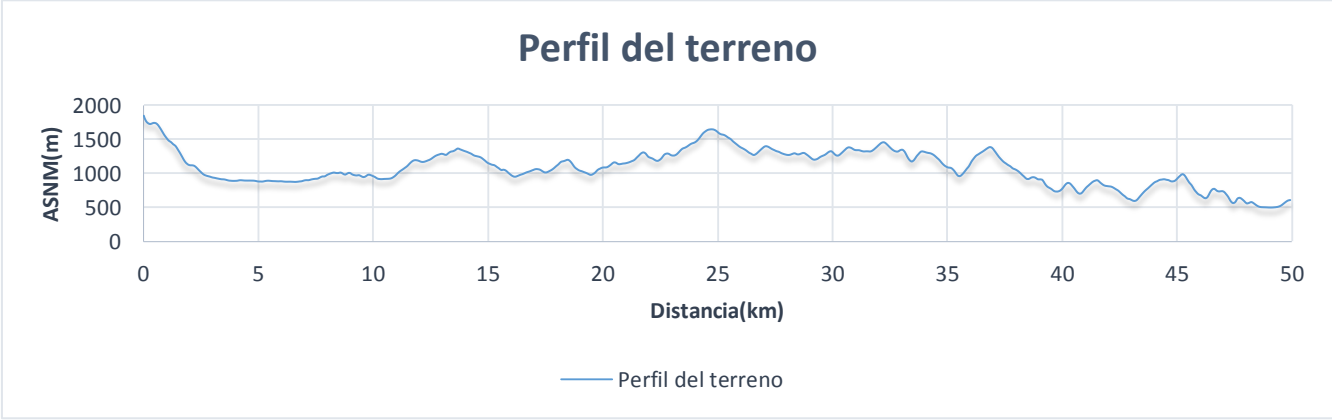
Grafica5. Perfil del terreno del radial 170

Grafica 6. Perfil del terreno para el radial 180

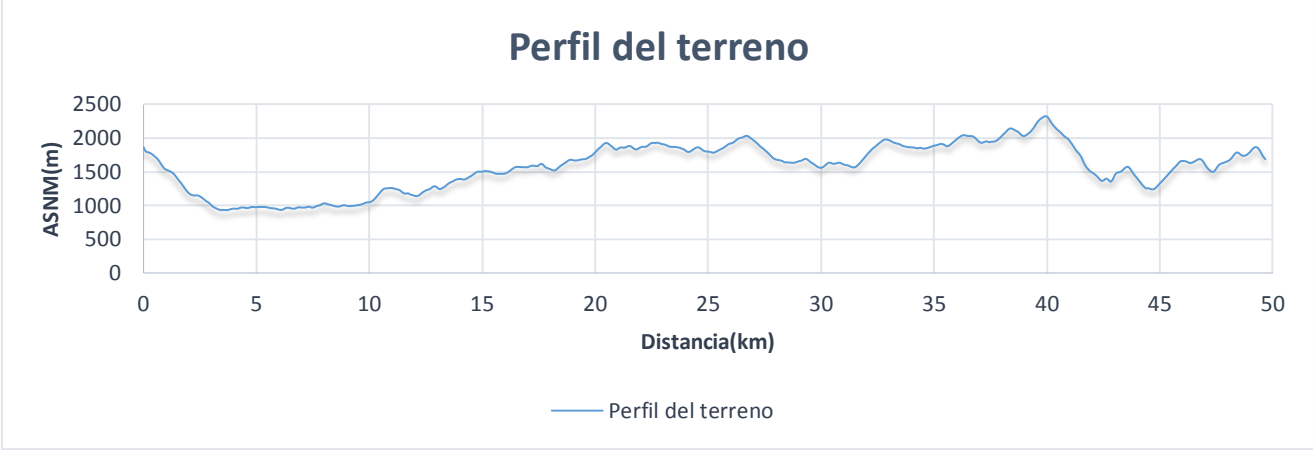


Grafica 7. Perfil del terreno para el radial 190

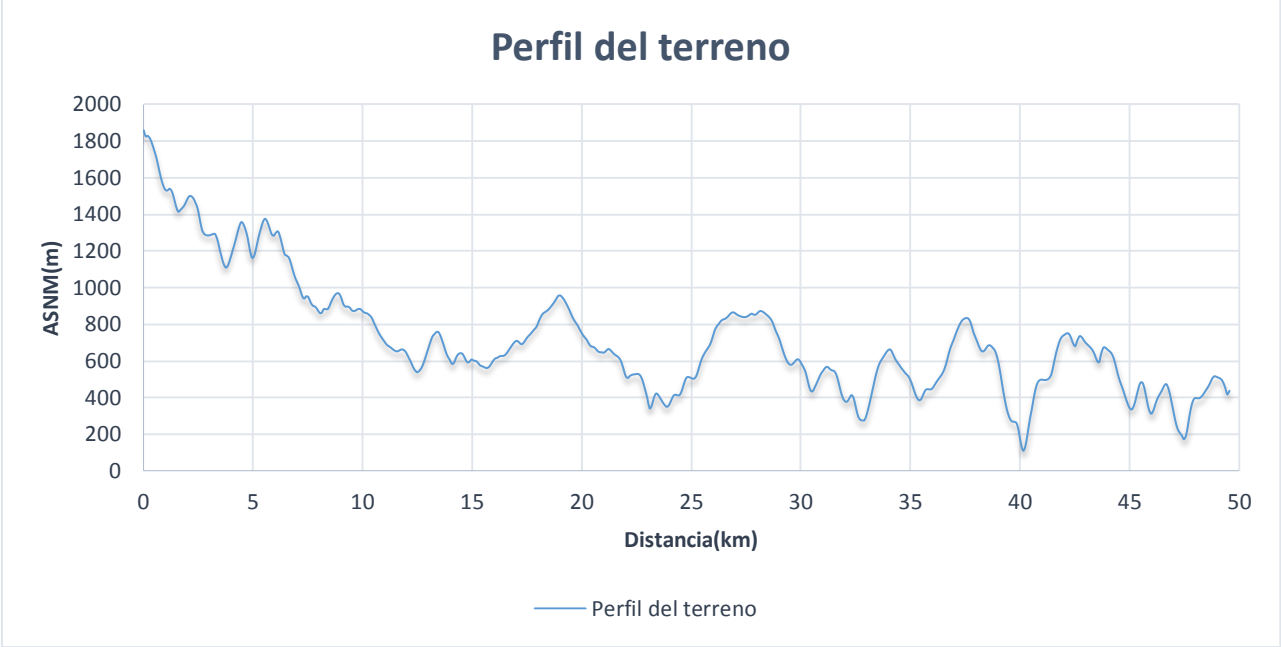
Grafica8. Perfil del terreno para el radial 210



Grafica 9. Perfil del terreno para el radial 230



Grafica del perfil del terreno del radial 250º



Grafica del radial 270º.

D(km)	ht90 (m)	ht110 (m)	ht130 (m)	ht150 (m)	ht170 (m)	ht180 (m)	ht190 (m)	ht210 (m)	ht230 (m)	ht250 (m)	ht270 (m)
1	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00
2	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00
3	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00
4	35.92	100.29	112.32	100.99	99.97	102.43	93.54	106.18	98.93	92.05	112.14
5	40.83	169.57	193.64	170.98	168.94	173.86	156.08	181.37	166.86	153.09	193.28
6	45.75	238.86	274.97	240.98	237.91	245.29	218.63	256.55	234.79	214.14	274.43
7	50.67	308.15	356.29	310.97	306.88	316.72	281.17	331.73	302.72	275.18	355.57
8	55.58	377.43	437.61	380.96	375.84	388.15	343.71	406.92	370.65	336.23	436.71
9	60.50	446.72	518.93	450.95	444.81	459.58	406.25	482.10	438.58	397.28	517.85
10	65.42	516.01	600.26	520.95	513.78	531.01	468.79	557.28	506.51	458.32	599.00
11	70.33	585.29	681.58	590.94	582.75	602.44	531.33	632.47	574.44	519.37	680.14
12	75.25	654.58	762.90	660.93	651.72	673.87	593.88	707.65	642.38	580.41	761.28
13	80.17	723.87	844.22	730.92	720.69	745.30	656.42	782.83	710.31	641.46	842.42
14	85.08	793.15	925.54	800.92	789.66	816.73	718.96	858.02	778.24	702.50	923.57
15	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
16	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
17	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
18	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
19	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
20	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
21	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
22	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
23	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
24	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
25	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71

26	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
27	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
28	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
29	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
30	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
31	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
32	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
33	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
34	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
35	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
36	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
37	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
38	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
39	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
40	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
41	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
42	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
43	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
44	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
45	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
46	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
47	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
48	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
49	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71
50	90.00	862.44	1006.87	870.91	858.63	888.16	781.50	933.20	846.17	763.55	1004.71

Alturas de las antenas transmisoras de la recomendación P.1546.

d(km)	E(ht90)	E(ht110)	E(ht130)	E(ht150)	E(ht170)	E(ht180)	E(ht190)	E(ht210)	E(ht230)	E(ht250)	E(ht270)
1.00	95.99	95.99	95.99	95.99	95.99	95.99	95.99	95.99	94.12	95.99	95.99
2.00	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	84.02	85.99	85.99
3.00	80.10	80.10	80.10	80.10	80.10	80.10	80.10	80.10	77.00	80.10	80.10
4.00	77.47	82.39	75.92	75.24	75.17	75.33	76.15	75.56	72.91	74.64	75.91
5.00	72.49	83.01	83.86	83.06	82.98	83.17	83.15	83.44	82.08	82.35	83.84
6.00	71.75	82.99	84.23	83.07	82.95	83.22	82.21	83.62	76.76	82.02	84.07
7.00	70.96	77.94	79.98	78.23	78.06	78.47	84.43	79.06	75.52	81.39	78.27
8.00	69.35	77.02	78.58	77.47	77.36	77.62	76.64	78.00	74.05	75.54	78.05
9.00	64.52	76.99	82.35	80.32	80.12	80.59	78.81	81.28	78.28	81.13	83.26
10.00	62.67	81.25	82.22	81.31	81.22	81.44	80.64	81.75	77.08	80.49	82.21
11.00	62.11	80.99	82.92	81.89	81.79	82.23	81.12	82.39	76.02	80.96	82.62
12.00	61.59	80.73	81.71	70.66	72.04	68.75	84.94	63.94	81.36	84.81	81.70
13.00	61.13	80.48	81.46	60.40	61.75	58.54	70.68	53.84	82.19	79.70	81.45
14.00	60.70	80.23	81.22	51.59	52.91	49.77	61.63	45.19	82.90	79.45	81.21
15.00	60.31	79.99	80.99	43.98	45.27	42.21	53.77	37.73	83.51	79.21	80.97
17.00	59.11	78.59	79.58	44.18	45.43	42.46	53.71	38.11	82.73	78.49	80.25
18.00	58.56	77.95	78.94	44.41	45.62	42.73	53.67	38.50	81.98	77.81	79.57
19.00	58.04	77.34	78.33	44.65	45.83	43.02	53.65	38.90	81.27	77.17	78.92
20.00	57.54	76.76	77.76	44.90	46.05	43.32	53.66	39.32	80.59	76.56	78.32
21.00	56.47	76.24	77.29	45.18	46.29	43.63	53.68	39.75	79.94	75.98	77.74
22.00	55.45	75.73	76.84	45.40	46.48	43.91	53.65	40.14	79.18	75.41	77.27
23.00	54.48	75.25	76.41	75.80	75.70	75.94	53.64	40.55	78.45	74.86	76.83
24.00	53.55	74.79	76.01	75.32	75.22	75.47	53.64	40.97	77.74	74.33	76.40
25.00	52.65	74.35	75.61	74.87	74.75	75.02	53.66	41.39	77.06	73.83	75.99
26.00	51.79	73.92	75.24	74.43	74.31	74.59	53.70	41.83	76.40	73.35	75.60

27.00	50.96	73.51	74.87	74.00	73.88	74.17	53.74	42.27	75.75	72.89	75.22
28.00	50.17	73.12	74.52	73.60	73.47	73.77	53.81	42.72	75.13	72.44	74.85
29.00	49.40	72.74	74.19	73.21	73.08	73.39	53.88	43.17	74.52	72.01	74.50
30.00	48.65	72.37	73.86	72.83	72.70	73.01	53.96	43.64	73.92	71.60	74.17
31.00	47.97	71.81	73.39	72.47	72.33	72.65	54.06	44.10	73.34	71.20	73.84
32.00	47.31	71.07	72.64	71.91	71.77	72.11	53.97	44.47	72.43	70.57	73.36
33.00	46.68	70.15	71.64	71.17	71.02	71.37	53.89	44.84	71.54	69.83	72.62
34.00	46.06	69.07	70.38	70.25	70.11	70.43	53.83	45.22	70.66	68.98	71.62
35.00	45.45	67.81	68.88	69.15	69.03	69.31	53.79	45.60	69.81	68.03	70.36
36.00	44.87	66.40	67.14	67.88	67.78	68.01	53.75	46.00	68.98	66.97	68.86
37.00	44.30	64.82	65.16	66.44	66.37	66.54	53.73	46.40	68.16	65.81	67.13
38.00	43.75	63.10	62.96	64.84	64.81	64.89	53.72	46.80	67.36	64.55	65.16
39.00	43.21	61.22	60.54	63.09	63.10	63.07	53.72	47.22	66.57	63.20	62.97
40.00	42.68	67.46	69.69	61.18	61.24	61.09	53.73	47.64	65.80	61.75	60.55
41.00	41.79	66.85	69.13	67.60	67.39	67.88	53.75	48.06	65.04	65.70	69.66
42.00	40.92	66.25	68.59	66.99	66.78	67.28	53.67	48.43	64.11	65.04	69.10
43.00	40.07	65.67	68.06	66.40	66.18	66.69	53.61	48.81	63.19	64.41	68.56
44.00	39.24	65.10	67.55	65.82	65.60	66.12	53.55	49.19	62.28	63.79	68.03
45.00	38.42	64.55	67.04	65.26	65.03	65.57	53.51	49.58	61.39	63.18	67.51
46.00	37.63	64.01	66.55	64.70	64.48	65.02	53.48	49.97	60.52	62.58	67.01
47.00	36.85	63.47	66.07	64.17	63.93	64.49	53.45	50.37	59.65	62.00	66.51
48.00	36.09	62.95	65.59	63.64	63.40	63.97	53.43	50.77	58.80	61.44	66.03
49.00	35.35	62.45	65.13	63.12	62.88	63.46	53.43	51.18	57.96	60.88	65.56
50.00	34.62	61.95	64.68	62.61	62.37	62.95	53.43	51.60	57.14	60.33	65.09

Estimación de Intensidad de campo eléctrico de la recomendación P. 1546-a

d(km)	E(ht90)	E(ht110)	E(ht130)	E(ht150)	E(ht170)	E(ht180)	E(ht190)	E(ht210)	E(ht230)	E(ht250)	E(ht270)
1	96.66	97.77	104.44	97.77	97.77	97.77	100	97.77	97.77	100	104.44
2	87.55	96.37	99.09	96.37	96.37	96.37	96.32	96.37	96.37	75.77	99.09
3	81.92	94.06	95.96	94.06	94.06	94.06	94.16	94.06	94.06	75.89	95.96
4	86.87	92.42	93.74	92.42	92.42	92.42	92.64	92.42	92.42	75.99	93.74
5	81.88	90.38	92.01	90.38	90.38	90.38	91.45	90.38	90.38	76.07	92.01
6	86.57	88.79	90.6	88.79	88.79	88.79	90.48	88.79	88.79	76.14	90.6
7	87.1	87.69	89.41	87.69	87.69	87.69	89.66	87.69	87.69	76.2	89.41
8	88.82	86.59	88.38	86.59	86.59	86.59	88.96	86.59	86.59	76.25	88.38
9	87.18	86.07	87.47	86.07	86.07	86.07	88.33	86.07	86.07	76.32	87.47
10	86.08	81.64	86.4	81.64	81.64	81.64	87.77	81.64	81.64	76.38	86.4
11	84.97	84.87	85.44	84.87	84.87	84.87	86.09	84.87	84.87	68.23	85.44
12	83.86	83.21	84.32	83.21	83.21	83.21	84.56	83.21	83.21	50.4	84.32
13	82.75	82.19	83.3	82.19	82.19	82.19	83.14	82.19	82.19	50.6	83.3
14	81.65	81.23	82.34	81.23	81.23	81.23	81.84	81.23	81.23	50.79	82.34
15	67.2	80.35	81.46	80.35	80.35	80.35	80.62	80.35	80.35	50.97	81.46
16	66.09	79.52	80.63	79.52	79.52	79.52	79.48	79.52	79.52	51.14	80.63
17	64.98	78.74	79.85	78.74	78.74	78.74	78.42	78.74	78.74	51.31	79.85
18	63.87	78.01	79.12	78.01	78.01	78.01	77.41	78.01	78.01	51.46	79.12
19	57.63	77.32	78.43	77.32	77.32	77.32	76.45	77.32	77.32	51.82	78.43
20	60.57	76.74	77.85	76.74	76.74	76.74	75.49	76.74	76.74	55.28	77.85
21	51.42	76.13	77.24	76.13	76.13	76.13	74.61	76.13	76.13	74.61	77.24
22	50.65	75.62	76.73	75.62	75.62	75.62	73.72	75.62	75.62	73.72	76.73
23	49.92	75.13	76.24	75.13	75.13	75.13	72.87	75.13	75.13	72.87	76.24
24	49.22	74.66	75.77	74.66	74.66	74.66	72.05	74.66	74.66	72.05	75.77
25	48.55	74.4	75.33	74.4	74.4	74.4	71.27	74.4	74.4	71.27	75.33
26	47.9	73.86	74.9	73.86	73.86	73.86	70.52	73.86	73.86	70.52	74.9

27	47.28	73.51	74.48	73.51	73.51	73.51	69.79	73.51	73.51	69.79	74.48
28	46.68	73.18	74.09	73.18	73.18	73.18	69.09	73.18	73.18	69.09	74.09
29	46.11	72.86	73.7	72.86	72.86	72.86	68.42	72.86	72.86	68.42	73.7
30	44.67	71.52	73.28	71.52	71.52	71.52	69.37	71.52	71.52	69.37	73.28
31	44.66	71.59	72.95	71.59	71.59	71.59	67.14	71.59	71.59	67.14	72.95
32	43.8	70.97	72.58	70.97	70.97	70.97	66.52	70.97	70.97	66.52	72.58
33	42.97	70.38	72.23	70.38	70.38	70.38	65.93	70.38	70.38	65.93	72.23
34	42.17	69.8	71.88	69.8	69.8	69.8	65.36	69.8	69.8	65.36	71.88
35	41.38	69.24	71.55	69.24	69.24	69.24	66.18	69.24	69.24	66.18	71.55
36	39.09	67.61	70.57	67.61	67.61	67.61	63.16	67.61	67.61	63.16	70.57
37	38.75	67.36	70.42	67.36	67.36	67.36	62.92	67.36	67.36	62.92	70.42
38	38.41	67.12	70.28	67.12	67.12	67.12	62.68	67.12	67.12	62.68	70.28
39	38.09	66.89	70.14	66.89	66.89	66.89	62.45	66.89	66.89	62.45	70.14
40	36.28	65.75	68.88	65.75	65.75	65.75	62.97	65.75	65.75	62.97	68.88
41	37.02	66.17	69.54	66.17	66.17	66.17	61.6	66.17	66.17	61.6	69.54
42	36.29	65.69	69.09	65.69	65.69	65.69	61	65.69	65.69	61	69.09
43	35.58	65.22	68.65	65.22	65.22	65.22	60.42	65.22	65.22	60.42	68.65
44	34.88	64.76	68.22	64.76	64.76	64.76	59.85	64.76	64.76	59.85	68.22
45	32.31	64.32	67.07	64.32	64.32	64.32	60.67	64.32	64.32	60.67	67.07
46	32.78	63.88	67.1	63.88	63.88	63.88	61.06	63.88	63.88	61.06	67.1
47	31.4	63.45	66.41	63.45	63.45	63.45	58.2	63.45	63.45	58.2	66.41
48	30.05	63.03	65.74	63.03	63.03	63.03	57.68	63.03	63.03	57.68	65.74
49	28.72	62.62	65.08	62.62	62.62	62.62	57.16	62.62	62.62	57.16	65.08
50	29.89	60.88	64.87	60.88	60.88	60.88	56.51	60.88	60.88	56.51	64.87

Estimación de la intensidad de campo eléctrico de la recomendación P.1546-b

d(km)	90 dB	110 dB	130 dB	150 dB	170 dB	180 dB	190 dB	210 dB	230 dB	250 dB	270dB
1.00	-23.70	-23.70	-23.70	-23.70	-23.70	-23.70	-23.70	-23.70	-23.70	-23.70	-23.70
2.00	-23.73	-23.73	-23.73	-23.73	-23.73	-23.73	-23.73	-23.73	-23.73	-23.73	-23.73
3.00	-23.74	-23.74	-23.74	-23.74	-23.74	-23.74	-23.74	-23.74	-23.74	-23.74	-23.74
4.00	-23.74	-23.64	-23.62	-23.64	-23.64	-23.64	-23.65	-23.63	-23.64	-23.65	-23.62
5.00	-23.74	-23.58	-23.54	-23.57	-23.58	-23.57	-23.59	-23.56	-23.58	-23.60	-23.54
6.00	-23.74	-23.53	-23.49	-23.53	-23.53	-23.53	-23.56	-23.51	-23.54	-23.56	-23.49
7.00	-23.74	-23.50	-23.46	-23.50	-23.50	-23.49	-23.53	-23.48	-23.51	-23.53	-23.46
8.00	-23.74	-23.48	-23.43	-23.48	-23.48	-23.47	-23.51	-23.46	-23.49	-23.51	-23.43
9.00	-23.74	-23.46	-23.41	-23.46	-23.46	-23.45	-23.49	-23.44	-23.47	-23.50	-23.41
10.00	-23.74	-23.45	-23.39	-23.44	-23.45	-23.44	-23.48	-23.42	-23.45	-23.49	-23.39
11.00	-23.74	-23.44	-23.38	-23.43	-23.44	-23.43	-23.47	-23.41	-23.44	-23.48	-23.38
12.00	-23.74	-23.43	-23.37	-23.42	-23.43	-23.42	-23.46	-23.40	-23.43	-23.47	-23.37
13.00	-23.74	-23.42	-23.36	-23.41	-23.42	-23.41	-23.45	-23.39	-23.42	-23.46	-23.36
14.00	-23.74	-23.41	-23.35	-23.41	-23.41	-23.40	-23.45	-23.38	-23.42	-23.45	-23.35
15.00	-23.74	-23.40	-23.34	-23.40	-23.41	-23.39	-23.44	-23.37	-23.41	-23.45	-23.34
16.00	-23.74	-23.43	-23.37	-23.42	-23.43	-23.42	-23.46	-23.40	-23.43	-23.47	-23.37
17.00	-23.74	-23.45	-23.39	-23.44	-23.45	-23.44	-23.48	-23.42	-23.45	-23.49	-23.39
18.00	-23.74	-23.47	-23.41	-23.46	-23.47	-23.46	-23.50	-23.44	-23.47	-23.50	-23.41
19.00	-23.74	-23.48	-23.43	-23.48	-23.48	-23.47	-23.51	-23.46	-23.49	-23.52	-23.43
20.00	-23.74	-23.50	-23.45	-23.49	-23.50	-23.49	-23.52	-23.47	-23.50	-23.53	-23.45
21.00	-23.75	-23.51	-23.46	-23.51	-23.51	-23.50	-23.54	-23.49	-23.51	-23.54	-23.47
22.00	-23.75	-23.52	-23.48	-23.52	-23.52	-23.51	-23.55	-23.50	-23.53	-23.55	-23.48
23.00	-23.75	-23.53	-23.49	-23.53	-23.53	-23.53	-23.56	-23.51	-23.54	-23.56	-23.49
24.00	-23.75	-23.54	-23.50	-23.54	-23.54	-23.54	-23.56	-23.52	-23.55	-23.57	-23.50
25.00	-23.75	-23.55	-23.51	-23.55	-23.55	-23.55	-23.57	-23.53	-23.56	-23.58	-23.51
26.00	-23.75	-23.56	-23.52	-23.56	-23.56	-23.55	-23.58	-23.54	-23.56	-23.58	-23.52

27.00	-23.75	-23.57	-23.53	-23.57	-23.57	-23.56	-23.59	-23.55	-23.57	-23.59	-23.53
28.00	-23.75	-23.58	-23.54	-23.57	-23.58	-23.57	-23.59	-23.56	-23.58	-23.60	-23.54
29.00	-23.75	-23.58	-23.55	-23.58	-23.58	-23.58	-23.60	-23.57	-23.59	-23.60	-23.55
30.00	-23.75	-23.59	-23.56	-23.59	-23.59	-23.58	-23.61	-23.57	-23.59	-23.61	-23.56
31.00	-23.75	-23.59	-23.56	-23.59	-23.59	-23.59	-23.61	-23.58	-23.60	-23.61	-23.56
32.00	-23.75	-23.60	-23.57	-23.60	-23.60	-23.59	-23.62	-23.59	-23.60	-23.62	-23.57
33.00	-23.75	-23.60	-23.58	-23.60	-23.61	-23.60	-23.62	-23.59	-23.61	-23.62	-23.58
34.00	-23.75	-23.61	-23.58	-23.61	-23.61	-23.60	-23.62	-23.60	-23.61	-23.63	-23.58
35.00	-23.75	-23.61	-23.59	-23.61	-23.61	-23.61	-23.63	-23.60	-23.62	-23.63	-23.59
36.00	-23.75	-23.62	-23.59	-23.62	-23.62	-23.61	-23.63	-23.61	-23.62	-23.64	-23.59
37.00	-23.76	-23.62	-23.60	-23.62	-23.62	-23.62	-23.64	-23.61	-23.63	-23.64	-23.60
38.00	-23.76	-23.63	-23.60	-23.62	-23.63	-23.62	-23.64	-23.61	-23.63	-23.64	-23.60
39.00	-23.76	-23.63	-23.61	-23.63	-23.63	-23.63	-23.64	-23.62	-23.63	-23.65	-23.61
40.00	-23.76	-23.63	-23.61	-23.63	-23.63	-23.63	-23.65	-23.62	-23.64	-23.65	-23.61
41.00	-23.76	-23.64	-23.61	-23.64	-23.64	-23.63	-23.65	-23.63	-23.64	-23.65	-23.61
42.00	-23.76	-23.64	-23.62	-23.64	-23.64	-23.64	-23.65	-23.63	-23.64	-23.65	-23.62
43.00	-23.76	-23.64	-23.62	-23.64	-23.64	-23.64	-23.65	-23.63	-23.65	-23.66	-23.62
44.00	-23.76	-23.65	-23.62	-23.64	-23.65	-23.64	-23.66	-23.64	-23.65	-23.66	-23.62
45.00	-23.76	-23.65	-23.63	-23.65	-23.65	-23.64	-23.66	-23.64	-23.65	-23.66	-23.63
46.00	-23.76	-23.65	-23.63	-23.65	-23.65	-23.65	-23.66	-23.64	-23.65	-23.66	-23.63
47.00	-23.76	-23.65	-23.63	-23.65	-23.65	-23.65	-23.66	-23.64	-23.66	-23.67	-23.63
48.00	-23.76	-23.66	-23.64	-23.65	-23.66	-23.65	-23.67	-23.65	-23.66	-23.67	-23.64
49.00	-23.76	-23.66	-23.64	-23.66	-23.66	-23.65	-23.67	-23.65	-23.66	-23.67	-23.64
50.00	-23.76	-23.66	-23.64	-23.66	-23.66	-23.66	-23.67	-23.65	-23.66	-23.67	-23.64

Corrección de las alturas de las antenas Receptoras para la recomendación P.1546

d(km)	90 dB	110 dB	130 dB	150 dB	170 dB	180 dB	190 dB	210 dB	230 dB	250 dB	270dB
1	-35.58	-35.98	-35.98	-35.98	-35.98	-35.98	-35.98	-35.22	-35.20	-35.15	-35.06
2	-10.79	-35.98	-34.43	-35.71	-35.98	-35.98	-35.98	-35.98	-35.98	-35.31	-30.62
3	0.62	-35.98	-33.92	-34.44	-34.79	-34.81	-34.89	-34.64	-34.51	-33.91	-30.65
4	0.62	-35.98	-32.13	-32.54	-32.65	-32.68	-32.74	-32.73	-32.57	-32.07	-29.88
5	0.62	-35.98	-30.68	-30.95	-30.92	-30.88	-30.64	-30.55	-30.76	-29.98	-27.92
6	-17.33	-35.98	-29.35	-29.58	-29.24	-27.76	-28.15	-29.30	-29.17	-28.71	-24.69
7	0.62	-35.98	-28.05	-27.73	-27.88	-27.38	-25.82	-27.57	-27.75	-27.11	-26.31
8	0.62	-35.98	-26.95	-26.54	-26.40	-26.31	-25.25	-25.71	-25.83	-25.38	-26.78
9	0.62	-35.98	-26.10	-25.28	-23.90	-25.21	-24.91	-25.54	-24.50	-24.63	-24.97
10	0.62	-35.98	-25.19	-23.82	-23.97	-23.50	-23.25	-24.61	-24.03	-23.23	-24.85
11	0.62	-35.98	-23.58	-22.01	-23.04	-22.93	-21.45	-23.70	-23.09	-19.76	-25.33
12	0.62	-35.98	-22.81	-19.65	-19.81	-21.01	-18.27	-22.83	-19.91	-20.40	-25.05
13	-13.30	-35.98	-23.34	-17.50	-15.65	-18.44	-16.25	-20.81	-17.73	-17.89	-24.58
14	-14.33	-35.98	-22.12	-18.94	-19.24	-19.13	-15.70	-20.10	-16.43	-15.46	-23.93
15	-11.88	-35.98	-20.69	-19.06	-18.75	-21.34	-18.33	-19.04	-18.31	-12.43	-23.55
16	-13.50	-35.98	-21.44	-19.75	-18.03	-20.32	-16.06	-14.93	-19.69	-12.63	-23.06
17	-8.98	-35.98	-21.11	-20.81	-20.25	-18.78	-15.24	-11.39	-18.43	-9.52	-21.75
18	0.62	-35.98	-19.97	-17.91	-19.73	-16.79	-15.54	-12.33	-17.28	-9.39	-20.60
19	-1.30	-35.98	-18.13	-18.44	-20.43	-19.03	-15.46	-12.00	-17.53	-4.47	-18.69
20	0.62	-35.98	-18.96	-19.42	-20.44	-17.79	-14.62	-12.19	-16.61	-0.36	-19.52
21	0.62	-35.98	-20.40	-16.16	-17.38	-14.79	-17.12	-10.97	-15.40	0.62	-20.20
22	-0.19	-35.98	-19.61	-18.62	-19.23	-17.85	-17.22	-9.65	-13.63	0.62	-20.16
23	0.62	-35.98	-21.13	-20.55	-19.13	-16.42	-15.88	-11.92	-12.91	0.62	-20.50
24	-0.48	-35.98	-20.85	-18.78	-18.72	-17.65	-17.20	-12.57	-9.22	0.62	-20.89
25	-4.82	-35.98	-19.84	-19.83	-18.67	-18.48	-16.57	-14.93	-4.12	0.62	-19.60
26	-1.36	-35.98	-18.77	-18.94	-18.97	-17.68	-17.84	-15.74	-9.68	0.62	-18.11

27	-2.20	-35.98	-15.15	-19.31	-18.44	-18.16	-17.45	-17.00	-9.66	0.62	-16.28
28	-6.24	-35.98	-14.43	-19.51	-19.12	-18.94	-17.89	-16.71	-10.96	0.62	-15.92
29	-1.85	-35.98	-16.94	-19.73	-19.07	-18.40	-17.94	-16.54	-10.96	-2.42	-16.10
30	0.62	-35.98	-18.13	-19.59	-18.78	-17.75	-17.30	-16.02	-9.55	-3.84	-17.35
31	-9.52	-35.98	-17.72	-19.23	-18.72	-17.72	-16.65	-14.98	-8.85	-1.80	-17.85
32	-7.11	-35.98	-18.27	-18.99	-18.23	-17.47	-15.89	-16.46	-7.59	-0.71	-17.53
33	-10.45	-35.98	-18.73	-18.85	-18.34	-17.78	-14.48	-15.85	-8.32	0.62	-18.49
34	-13.50	-35.98	-18.67	-18.66	-17.99	-17.51	-15.86	-16.13	-8.41	0.62	-16.12
35	-8.26	-35.98	-18.32	-18.32	-17.77	-17.62	-14.85	-17.09	-11.28	0.62	-16.30
36	-6.76	-35.98	-18.08	-18.16	-17.76	-17.42	-16.06	-15.58	-10.88	0.62	-16.74
37	-6.00	-35.98	-17.69	-17.97	-17.65	-17.20	-16.42	-15.18	-6.62	0.62	-15.38
38	-3.83	-35.98	-16.33	-17.83	-17.27	-17.13	-16.02	-16.03	-10.96	0.62	-13.35
39	-9.49	-35.98	-16.02	-17.71	-17.18	-16.98	-16.81	-16.10	-12.26	0.62	-14.30
40	-8.72	-35.98	-15.23	-17.52	-17.06	-16.87	-16.66	-14.34	-13.42	0.62	-16.78
41	-3.27	-35.98	-15.02	-16.89	-16.70	-16.70	-16.34	-13.00	-13.24	0.62	-15.76
42	-2.31	-35.98	-14.97	-16.73	-16.57	-16.57	-16.19	-14.73	-12.45	-0.71	-13.98
43	-4.92	-35.98	-14.62	-16.24	-16.36	-16.44	-15.05	-13.68	-13.77	-5.13	-13.15
44	-2.24	-35.98	-14.81	-15.82	-16.29	-16.17	-13.76	-11.95	-11.74	-1.53	-13.82
45	-2.20	-35.98	-15.31	-15.32	-16.11	-15.01	-14.58	-11.48	-11.02	-7.06	-14.43
46	-6.73	-35.98	-14.87	-14.84	-15.89	-14.44	-14.36	-11.78	-12.59	0.11	-14.18
47	0.62	-35.98	-15.37	-13.49	-15.42	-14.22	-13.00	-12.35	-12.01	0.62	-14.08
48	0.62	-35.98	-15.39	-14.52	-15.28	-13.24	-12.12	-11.27	-12.96	0.62	-15.51
49	-1.74	-35.98	-15.18	-14.22	-14.64	-12.79	-12.16	-8.99	-13.39	0.62	-13.74
50	-3.53	-35.98	-15.10	-12.31	-12.84	-13.41	-11.45	-10.51	-12.43	0.62	-13.67

Tabla de valores de factor de corrección de despejamiento del terreno. (Radiales 90-270)

Metodo multiobstaculos Deygout

Radial 130

ht	Hr	h1	h2	h3	h4	h5	m	b	h1'	h2'	h3'	h4'	h5'	d1	d2	d3	d4	d5	d6
1858	196.5	977	1025	512	508	603	-0.033	1662	14.88	99.43	14.1	43	185.5	26960	1100	12870	990	1430	6760

v1	v2	v3	v4	v5	L(v5prin)	m1v5izq	b1v3izq	ha	hb	hc	hd	v1izq	v2izq	v3izq	v4izq	L(v2izq)	m2v2izq
0.28	2.27	0.669	1.095	5.1	27.0123	-0.029	1661.5	-100.5	-20.7	-161	-136	-2.1	-0.438	-7.105	-7.735	2.42926	-0.048

b2v3der	ha1	v4der	m3v2der	b3v2der	he	hf	Lexe	cos1	cos2	L(v1)	L(v4)	c1	c4	Ltotal
1661.5	-56.7655025	-3.68204694	-0.03355134	828.5	-81	-52	29.44	0.80454304	0	20.063584	0	-0.8	0	30.205

Radial 180

ht	Hr	h1	h2	h3	m	b	h1'	h2'	h3'	d1	d2	d3	d4	v1	v2	v3	L(v3prin)	m1v3izq	b1v3izq
1858	495	1238	566	650	-0	1363	-37.75	11.3	128.3	21370	26440	1210	760	-0.721	0.5478	9.8884	32.76	-0.02	1363

ha	hb	v1izq	v2izq	L(v1izq)	Lexe	cos1	cos2	L(v1)	L(v4)	c1	c4	Ltotal
31.3	-114	0.6	-6.99	11	43.8405	0.10799	0	0.3952	0	-2.8	0	46.69

Radial 230

ht	hr	h1	h2	h3	h4	h5	m	b	h1'	h2'	h3'	h4'	h5'	d1	d2	d3	d4	d5	d6
1858	608	1314	1651	1455	1388	990	-0.025	1250	-2	412	403	454	264.6	21680	3080	7480	4709	8360	4780

v1	v2	v3	v4	v5	L(v4prin)	m1v4izq	b1v3izq	ha	hb	hc	v1izq	v2izq	v3izq	L(v3izq)	m2v4der	b2v4der	he
-0	7.76	7.928	9.718	8.5	31.4226	-0.0235	1250	-34.64	374.7	354	-0.69	7.457	7.7511	30.63	-0.059	780	98.156

v5der	L(v5der)	m2v2izq	b2v3der	ha1	hb2	v2izq'	L(v2izq')	cos1'	C1'(v2izq)	L(v2)
2.84	21.946	-0.0125	1250	-273	103	2.565	21.09	0.5447	3.376	30.647

LtotalIzq	Lexe	cos1	cos2	L(v3)	L(v5)	c1	c4	Ltotal
27.3	111	0.93	0.5447	30.83	31.423	3.375	8.43	99.451

Radial 250

ht	hr	h1	h2	h3	h4	h5	h6	h7	m	b	h1'	h2'	h3'	h4'	h5'	h6'	h7'	d1	d2
1858	1735	1924	1928	2030	1978	2034	2141.3	2322	-0.002	123.3	116.6	126	237.8	200.98	265.42	377.87	562	20500	2200

d3	d4	d5	d6	d7	d8	v1	v2	v3	v4	v5	v6	v7	L(v7prin)	m1v7izq	b1v3izq
3970	6170	3420	2090	1390	10110	2.23714	2.3892	4.5023	4.004	5.63	8.472	13.2	35.279	0.012	123.3

ha	hb	hc	hd	he	hf	v1izq	v2izq	v3izq	v4izq	v5izq	v6izq	Ltotal
-173.36	-195.04	-139	-263.44	-247.368	-164.471	-3.67	-4.2	-3.14	-7.357	-9.257	-9.47	35.279

Radial 270

ht	hr	h1	h2	h3	m	b	h1'	h2'	h3'	d1	d2	d3	d4	v1	v2	v3	L(v2prin)	m1v2izq	b1v2izq
1858	420	836	755.4	671	-0	1438	59.088	108	75	37590	4520	1760	6130	1.29	2.8063	2.1565	21.85	-0.03	1438

ha	v1izq	L(v1izq)	m2v3der	b2v3der	ha1	v4der	L(v4der)	Lexe	cos1	cos3	L(v1)	L(v3)	c1	c4	Ltotal
-38	-1.09	0	-0.04	335.4	-9.2833	-0.5294	1.7418	23.592	0	0.86	15.67	19.66	0	3.287	20.31

[ANEXO 3]

[Cálculos de intensidad de Campo Eléctrico]