

Ganancia antena tx	11
Campo minimo Servicio	42,39464
Campo minimo proteccion	30,37404
Limite de Perfil	15,00

Distancia (d)	Altura (h)	Altura de tx efectiva valida	Ganancia real (Gi)	Atenuación de Espacio Libre (Ael)	Lb Hata (LbH)	E (LbH)	Potencia Rx (LbH)	Distancia (d)
0,00	483,20	30,00	11	0	0	178,394	49,3894	0
0,0995	486	30,00	5	64,291106	81,63436	90,75968	-38,244962	0,0995
0,1989	504	30,00	8,5	70,30734	92,23041	83,66363	-45,341011	0,1989
0,2984	527,5	30,00	2	73,830621	98,43576	70,95828	-58,046364	0,2984
0,3979	555,9	30,00	-14	76,330124	102,838	50,55605	-78,448594	0,3979
0,4974	585,4	30,00	-5	78,26876	106,2524	56,14164	-72,863004	0,4974
0,5968	609,6	30,00	-3	79,851221	109,0395	55,35454	-73,650102	0,5968
0,6963	630	30,00	-3	81,190573	111,3984	52,99562	-76,009025	0,6963
0,7958	646,4	30,00	-3	82,350723	113,4417	50,95231	-78,052332	0,7958
0,8953	655,6	30,00	-5	83,374016	115,244	47,15004	-81,8546	0,8953
0,9947	677,8	30,00	-5	84,288487	116,8546	45,53944	-83,465205	0,9947
1,0942	712,6	30,00	-3	85,116579	118,3131	46,08097	-82,923676	1,0942
1,1937	763,2	30,00	1	85,872549	119,6445	48,74952	-80,255122	1,1937
1,2932	808,9	30,00	0,5	86,567959	120,8693	47,02474	-81,979908	1,2932
1,3926	849,6	30,00	0,5	87,211173	122,0022	45,89188	-83,112763	1,3926
1,4921	893,3	30,00	0	87,810603	123,0579	44,33614	-84,668507	1,4921
1,5916	930,3	30,00	0	88,371323	124,0455	43,34857	-85,656071	1,5916
1,691	971,8	30,00	-1	88,897517	124,9722	41,42182	-87,582825	1,691
1,7905	1014,2	30,00	-1	89,394131	125,8469	40,54716	-88,457484	1,7905
1,89	1047,4	30,00	-1	89,863881	126,6742	39,71982	-89,284827	1,89
1,9895	1062,8	30,00	-1	90,309524	127,4591	38,93493	-90,069712	1,9895
2,0889	1078,1	30,00	-1	90,732998	128,205	38,18909	-90,815553	2,0889
2,1884	1108,8	30,00	-1	91,137179	128,9168	37,47723	-91,527414	2,1884
2,2879	1152,5	30,00	-1	91,523386	129,597	36,79703	-92,207617	2,2879
2,3874	1177,2	30,00	-1	91,893149	130,2483	36,14578	-92,85886	2,3874

2,4868	1180,2	30,00	0	92,247462	130,8723	36,52175	-92,482892	2,4868
2,5863	1131,5	30,00	0,5	92,588223	131,4725	36,42159	-92,583054	2,5863
2,6858	1105,9	30,00	1	92,916118	132,05	36,34409	-92,660558	2,6858
2,7853	1100,4	30,00	-1	93,232084	132,6065	33,78759	-95,217051	2,7853
2,8847	1143,2	30,00	1	93,536658	133,1429	35,25117	-93,753479	2,8847
2,9842	1179,5	30,00	1	93,831203	133,6616	34,7324	-94,272245	2,9842
3,0837	1214,2	30,00	1	94,116087	134,1634	34,23065	-94,773994	3,0837
3,1832	1240,4	30,00	1	94,391923	134,6492	33,74484	-95,259809	3,1832
3,2826	1215,5	30,00	-1	94,659004	135,1196	31,27444	-97,730203	3,2826
3,3821	1171,2	30,00	-3	94,918374	135,5764	28,81763	-100,18702	3,3821
3,4816	1114,3	30,00	-5	95,170222	136,02	26,37406	-102,63058	3,4816
3,581	1060,8	30,00	-14	95,414731	136,4506	16,94342	-112,06122	3,581
3,6805	1015,1	30,00	-8	95,652781	136,8699	22,52416	-106,48049	3,6805
3,78	995,7	30,00	-8	95,884481	137,278	22,11608	-106,88856	3,78
3,8795	1002,6	30,00	-2	96,11016	137,6754	27,7186	-101,28604	3,8795
3,9789	993,3	30,00	-2	96,329905	138,0625	27,33158	-101,67307	3,9789
4,0784	985,6	30,00	-2	96,544441	138,4403	26,95373	-102,05092	4,0784
4,1779	985,4	30,00	-2	96,753806	138,8091	26,58499	-102,41966	4,1779
4,2774	998,9	30,00	-2	96,958242	139,1691	26,22493	-102,77972	4,2774
4,3768	1017,2	30,00	-2	97,157779	139,5206	25,87349	-103,13115	4,3768
4,4763	1028,5	30,00	-2	97,353028	139,8644	25,52961	-103,47503	4,4763
4,5758	1012,9	30,00	2	97,543985	140,2008	29,19329	-99,811356	4,5758
4,6753	1006,5	30,00	2	97,730834	140,5298	28,8642	-100,14044	4,6753
4,7747	1003,4	30,00	2	97,913567	140,8517	28,54237	-100,46228	4,7747
4,8742	1006,2	30,00	2	98,092712	141,1672	28,22685	-100,7778	4,8742
4,9737	1007,4	30,00	2	98,268237	141,4763	27,91771	-101,08694	4,9737
5,0731	1011,9	30,00	2	98,440113	141,7791	27,61499	-101,38965	5,0731
5,1726	1020,9	30,00	2	98,608823	142,0762	27,31785	-101,68679	5,1726
5,2721	1044,3	30,00	2	98,774318	142,3677	27,02638	-101,97827	5,2721
5,3716	1077,7	30,00	2	98,936718	142,6537	26,74035	-102,2643	5,3716
5,471	1103	30,00	2	99,095979	142,9342	26,45985	-102,54479	5,471
5,5705	1122,2	30,00	2	99,252528	143,2099	26,18413	-102,82051	5,5705
5,67	1148,7	30,00	-2	99,406306	143,4808	21,91329	-107,09135	5,67
5,7695	1180,9	30,00	-2	99,557408	143,7469	21,64716	-107,35748	5,7695
5,8689	1218	30,00	-2	99,705779	144,0082	21,38585	-107,6188	5,8689
5,9684	1247,7	30,00	-2	99,851803	144,2654	21,12866	-107,87598	5,9684
6,0679	1272,2	30,00	-2	99,995413	144,5183	20,87573	-108,12891	6,0679
6,1674	1307,3	30,00	-8	100,13669	144,7671	14,62691	-114,37773	6,1674
6,2668	1349,1	30,00	-8	100,27556	145,0117	14,38232	-114,62232	6,2668
6,3663	1373,3	30,00	-8	100,41239	145,2527	14,14134	-114,86331	6,3663
6,4658	1391,9	30,00	-8	100,54709	145,49	13,90409	-115,10055	6,4658
6,5653	1406,7	30,00	-8	100,67974	145,7236	13,67047	-115,33417	6,5653
6,6647	1424,3	30,00	-8	100,81026	145,9535	13,44059	-115,56405	6,6647
6,7642	1464,3	30,00	-8	100,93897	146,1802	13,21389	-115,79075	6,7642
6,8637	1508,2	30,00	-8	101,06581	146,4035	12,9905	-116,01414	6,8637
6,9631	1540,7	30,00	-14	101,1907	146,6235	6,770544	-122,2341	6,9631
7,0626	1568,7	30,00	-14	101,31394	146,8406	6,553489	-122,45116	7,0626
7,1621	1585,8	30,00	-14	101,43545	147,0546	6,339471	-122,66517	7,1621

7,2616	1593,4	30,00	-14	101,55529	147,2656	6,128406	-122,87624	7,2616
7,361	1606,6	30,00	-14	101,67338	147,4736	5,920421	-123,08422	7,361
7,4605	1632,1	30,00	-14	101,79	147,679	5,715021	-123,28962	7,4605
7,56	1652,9	30,00	-14	101,90508	147,8817	5,512342	-123,4923	7,56
7,6595	1646,4	30,00	-14	102,01865	148,0817	5,312313	-123,69233	7,6595
7,7589	1610,9	30,00	-8	102,13065	148,279	11,11506	-117,88958	7,7589
7,8584	1571,1	30,00	-8	102,24133	148,4739	10,92013	-118,08452	7,8584
7,9579	1537,3	30,00	-2	102,35061	148,6664	16,72765	-112,277	7,9579
8,0574	1497	30,00	-2	102,45854	148,8565	16,53756	-112,46709	8,0574
8,1568	1449,8	30,00	-2	102,56504	149,0441	16,34999	-112,65465	8,1568
8,2563	1398	30,00	2	102,67035	149,2295	20,16451	-108,84014	8,2563
8,3558	1349,3	30,00	2	102,77441	149,4128	19,98125	-109,0234	8,3558
8,4552	1302,7	30,00	5	102,87712	149,5937	22,80034	-106,2043	8,4552
8,5547	1260,4	30,00	5	102,97874	149,7727	22,62137	-106,38328	8,5547
8,6542	1223,7	30,00	5	103,07918	149,9496	22,44446	-106,56018	8,6542
8,7537	1187,6	30,00	5	103,17848	150,1245	22,26958	-106,73506	8,7537
8,8531	1153,3	30,00	8	103,27655	150,2972	25,09685	-103,9078	8,8531
8,9526	1119,5	30,00	8	103,37363	150,4682	24,92587	-104,07877	8,9526
9,0521	1098,6	30,00	8	103,46963	150,6373	24,75679	-104,24786	9,0521
9,1516	1078,8	30,00	8	103,56459	150,8045	24,58955	-104,41509	9,1516
9,251	1055,6	30,00	8,5	103,65842	150,9698	24,92429	-104,08036	9,251
9,3505	1019	30,00	8,5	103,75134	151,1334	24,76063	-104,24402	9,3505
9,45	1001,2	30,00	8,5	103,84328	151,2953	24,5987	-104,40594	9,45
9,5495	979,2	30,00	8,5	103,93426	151,4556	24,43847	-104,56618	9,5495
9,6489	955,3	30,00	8,5	104,0242	151,614	24,28006	-104,72459	9,6489
9,7484	921,8	30,00	8,5	104,11331	151,7709	24,12311	-104,88153	9,7484
9,8479	901,6	30,00	10	104,20152	151,9263	25,46776	-103,53689	9,8479
9,9473	893,8	30,00	10	104,28875	152,0799	25,31412	-103,69052	9,9473
10,0468	899,8	30,00	10	104,3752	152,2322	25,16186	-103,84278	10,0468
10,1463	896,8	30,00	10	104,4608	152,3829	25,0111	-103,99354	10,1463
10,2458	897	30,00	10	104,54556	152,5322	24,86181	-104,14283	10,2458
10,3452	913,6	30,00	10	104,62942	152,6799	24,71411	-104,29053	10,3452
10,4447	952	30,00	8,5	104,71256	152,8264	23,06768	-105,93696	10,4447
10,5442	984	30,00	8,5	104,79492	152,9714	22,92264	-106,08201	10,5442
10,6437	1006,3	30,00	8,5	104,8765	153,1151	22,77896	-106,22569	10,6437
10,7431	1010,7	30,00	8,5	104,95724	153,2573	22,63675	-106,36789	10,7431
10,8426	1016,8	30,00	8,5	105,03731	153,3983	22,49572	-106,50893	10,8426
10,9421	1021,5	30,00	8,5	105,11666	153,5381	22,35597	-106,64867	10,9421
11,0416	1015,6	30,00	8,5	105,19528	153,6766	22,21749	-106,78715	11,0416
11,141	999,7	30,00	8,5	105,27313	153,8137	22,08039	-106,92425	11,141
11,2405	992,8	30,00	8,5	105,35036	153,9497	21,94437	-107,06027	11,2405
11,34	999,5	30,00	8,5	105,42691	154,0845	21,80955	-107,19509	11,34
11,4395	1011	30,00	8,5	105,50279	154,2181	21,67591	-107,32873	11,4395
11,5389	995,2	30,00	10	105,57793	154,3505	23,04356	-105,96109	11,5389
11,6384	966,4	30,00	10	105,65251	154,4818	22,91221	-106,09244	11,6384
11,7379	932,9	30,00	10	105,72645	154,6121	22,78198	-106,22267	11,7379
11,8373	898,1	30,00	10	105,7997	154,7411	22,65298	-106,35167	11,8373
11,9368	861,4	30,00	10	105,8724	154,8691	22,52492	-106,47972	11,9368

12,0363	825	30,00	10	105,9445	154,9961	22,39794	-106,60671	12,0363
12,1358	799,2	30,00	10,5	106,01601	155,1221	22,77199	-106,23265	12,1358
12,2352	773,3	30,00	10,5	106,08687	155,2468	22,6472	-106,35744	12,2352
12,3347	754,9	30,00	10,5	106,15722	155,3707	22,5233	-106,48135	12,3347
12,4342	754,6	30,00	10,5	106,227	155,4937	22,40039	-106,60426	12,4342
12,5337	720,9	30,00	10,5	106,29623	155,6156	22,27846	-106,72618	12,5337
12,6331	679,3	30,00	10,5	106,36484	155,7364	22,15762	-106,84703	12,6331
12,7326	634,7	30,00	10,5	106,43299	155,8564	22,0376	-106,96704	12,7326
12,8321	619,5	30,00	10,5	106,5006	155,9755	21,91852	-107,08613	12,8321
12,9316	602,6	30,00	11	106,56769	156,0937	22,30035	-106,70429	12,9316
13,031	584,9	30,00	11	106,6342	156,2108	22,18321	-106,82143	13,031
13,1305	566,4	30,00	11	106,70027	156,3272	22,06685	-106,9378	13,1305
13,23	559,6	30,00	11	106,76584	156,4427	21,95136	-107,05328	13,23
13,3294	562,6	30,00	11	106,83086	156,5572	21,83685	-107,16779	13,3294
13,4289	580	30,00	11	106,89545	156,671	21,72308	-107,28156	13,4289
13,5284	570,3	30,00	11	106,95957	156,7839	21,61015	-107,39449	13,5284
13,6279	545,3	30,00	11	107,02322	156,896	21,49805	-107,5066	13,6279
13,7273	503,1	30,00	11	107,08635	157,0072	21,38687	-107,61777	13,7273
13,8268	465,8	30,00	11	107,14908	157,1177	21,27639	-107,72826	13,8268
13,9263	449,4	30,00	11	107,21136	157,2273	21,1667	-107,83795	13,9263
14,0258	443,3	30,00	11	107,2732	157,3363	21,05778	-107,94686	14,0258
14,1252	444,4	30,00	11	107,33454	157,4443	20,94975	-108,05489	14,1252
14,2247	454,3	30,00	11	107,39551	157,5517	20,84237	-108,16228	14,2247
14,3242	470,4	30,00	11	107,45605	157,6583	20,73573	-108,26891	14,3242
14,4237	485,7	30,00	11	107,51618	157,7642	20,62984	-108,37481	14,4237
14,5231	451,2	30,00	11	107,57583	157,8693	20,52477	-108,47987	14,5231
14,6226	355,6	30,00	10,5	107,63514	157,9737	19,92032	-109,08432	14,6226
14,7221	286,6	30,00	10,5	107,69404	158,0775	19,81658	-109,18807	14,7221
14,8215	343,6	30,00	10,5	107,75249	158,1804	19,71364	-109,29101	14,8215
14,921	339,1	30,00	10,5	107,8106	158,2828	19,61128	-109,39336	14,921
15,0205	328,7	30,00	10,5	107,86833	158,3844	19,50961	-109,49504	15,0205
15,12	350	30,00	10,5	107,92568	158,4854	19,4086	-109,59604	15,12
15,2194	366,6	30,00	11	107,9826	158,5857	19,80836	-109,19628	15,2194
15,3189	357	30,00	10,5	108,0392	158,6854	19,20867	-109,79597	15,3189
15,4184	329,7	30,00	10,5	108,09543	158,7844	19,10963	-109,89501	15,4184
15,5179	301,7	30,00	10,5	108,1513	158,8828	19,01123	-109,99342	15,5179
15,6173	267,7	30,00	10,5	108,20676	158,9805	18,91355	-110,0911	15,6173
15,7168	236,6	30,00	10,5	108,26193	159,0777	18,81639	-110,18825	15,7168
15,8163	219,2	30,00	10,5	108,31674	159,1742	18,71985	-110,2848	15,8163
15,9158	213	30,00	10,5	108,37121	159,2701	18,62391	-110,38073	15,9158
16,0152	192,4	30,00	10,5	108,42529	159,3654	18,52867	-110,47598	16,0152
16,1147	165	30,00	10,5	108,47909	159,4601	18,43392	-110,57073	16,1147
16,2142	157,9	30,00	10,5	108,53256	159,5543	18,33975	-110,66489	16,2142
16,3137	162,2	30,00	10,5	108,58569	159,6479	18,24616	-110,75849	16,3137
16,4131	162	30,00	10,5	108,63846	159,7408	18,15323	-110,85141	16,4131
16,5126	139,5	30,00	10,5	108,69095	159,8333	18,06077	-110,94387	16,5126
16,6121	150,1	30,00	10,5	108,74314	159,9252	17,96887	-111,03578	16,6121
16,7115	172,9	30,00	10,5	108,79495	160,0164	17,8776	-111,12704	16,7115

16,811	193,6	30,00	10,5	108,84652	160,1073	17,78679	-111,21786	16,811
16,9105	201,3	30,00	10,5	108,89777	160,1975	17,69651	-111,30813	16,9105
17,01	207,5	30,00	10,5	108,94873	160,2873	17,60676	-111,39788	17,01
17,1094	208,2	30,00	10,5	108,99934	160,3764	17,51763	-111,48702	17,1094
17,2089	205,2	30,00	10,5	109,04971	160,4651	17,42892	-111,57572	17,2089
17,3084	213,2	30,00	10,5	109,09978	160,5533	17,34072	-111,66392	17,3084
17,4079	214,7	30,00	10,5	109,14957	160,641	17,25303	-111,75161	17,4079
17,5073	200,2	30,00	10,5	109,19903	160,7281	17,16593	-111,83872	17,5073
17,6068	164,6	30,00	10,5	109,24825	160,8148	17,07923	-111,92541	17,6068
17,7063	136,8	30,00	10,5	109,2972	160,901	16,99302	-112,01162	17,7063
17,8058	114,4	30,00	10,5	109,34587	160,9867	16,9073	-112,09735	17,8058
17,9052	87,6	30,00	10,5	109,39423	161,0719	16,82213	-112,18251	17,9052
18,0047	62,2	30,00	10,5	109,44236	161,1567	16,73736	-112,26729	18,0047
18,1042	35,1	30,00	10,5	109,49023	161,241	16,65305	-112,3516	18,1042
18,2036	9,2	30,00	10	109,53779	161,3248	16,06929	-112,93536	18,2036
18,3031	2,2	30,00	10	109,58514	161,4081	15,9859	-113,01875	18,3031
18,4026	0	30,00	10	109,63223	161,4911	15,90296	-113,10169	18,4026
18,5021	0	30,00	10	109,67907	161,5736	15,82047	-113,18418	18,5021
18,6015	0	30,00	10	109,7256	161,6555	15,7385	-113,26614	18,6015
18,701	0	30,00	10	109,77194	161,7372	15,65689	-113,34775	18,701
18,8005	0	30,00	10	109,81803	161,8183	15,57571	-113,42893	18,8005
18,9	0	30,00	10	109,86388	161,8991	15,49496	-113,50968	18,9
18,9994	0	30,00	10,5	109,90944	161,9793	15,91472	-113,08993	18,9994
19,0989	0	30,00	10,5	109,95481	162,0592	15,83481	-113,16983	19,0989
19,1984	0	30,00	10,5	109,99995	162,1387	15,75532	-113,24933	19,1984
19,2979	0	30,00	10,5	110,04485	162,2178	15,67624	-113,32841	19,2979
19,3973	0	30,00	10,5	110,08947	162,2964	15,59764	-113,407	19,3973
19,4968	0	30,00	10,5	110,13391	162,3747	15,51937	-113,48527	19,4968
19,5963	0	30,00	10,5	110,17813	162,4525	15,4415	-113,56315	19,5963
19,6958	0	30,00	10,5	110,22212	162,53	15,36402	-113,64062	19,6958
19,7952	0	30,00	10,5	110,26584	162,607	15,28701	-113,71763	19,7952
19,8947	0	30,00	10,5	110,30939	162,6837	15,21031	-113,79434	19,8947

Perfil Topográfico Estación Bautismo 10°



