

Ganancia antena tx	5
Campo minimo Servicio	42,395757
Campo minimo proteccion	30,375157
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	2056,9	45	5	0	0	171,32266	42,3169	0
0,0594	2082,5	30	1,5	59,81148547	73,744158	94,078498	-34,92726	0,0594
0,1189	2091,5	30	5	65,83939367	84,360768	86,961889	-42,04387	0,1189
0,1783	2090,5	30	5	69,35878344	90,559268	80,763389	-48,24237	0,1783
0,2377	2087	30	5	71,85634021	94,958072	76,364585	-52,64117	0,2377
0,2971	2058,1	43,8	5	73,79380961	96,666496	74,656161	-54,3496	0,2971
0,3566	2025	76,9	3,5	75,37938335	96,712432	73,110225	-55,89553	0,3566
0,416	1996,1	105,8	3	76,71762319	97,321036	72,001621	-57,00414	0,416
0,4754	1974,9	127	3	77,87694012	98,226656	71,096001	-57,90976	0,4754
0,5349	1952,6	149,3	2,5	78,90120853	98,974526	69,848131	-59,15763	0,5349
0,5943	1929	172,9	2,5	79,81587118	99,590224	69,232433	-59,77332	0,5943
0,6537	1912,2	189,7	2,5	80,64332627	100,33357	68,489083	-60,51667	0,6537
0,7132	1895,3	200	2,5	81,39998326	101,17249	67,650171	-61,35559	0,7132
0,7726	1877,9	200	2,5	82,09485065	102,20882	66,613837	-62,39192	0,7726
0,832	1858,3	200	2,5	82,7382231	103,16835	65,654303	-63,35145	0,832
0,8914	1836,9	200	1,5	83,33720917	104,06169	63,760968	-65,24479	0,8914
0,9509	1814,1	200	1,5	83,89845352	104,89874	62,923921	-66,08184	0,9509
1,0103	1786,1	173,07857	1,5	84,42476363	106,55322	61,269433	-67,73632	1,0103
1,0697	1762,5	184,16667	1,5	84,92099649	106,92565	60,897004	-68,10875	1,0697
1,1292	1740,4	195,25	1,5	85,39117396	107,27287	60,549784	-68,45597	1,1292
1,1886	1720,5	200	1,5	85,83647109	107,78912	60,033537	-68,97222	1,1886
1,248	1702,2	200	1,5	86,26004828	108,42085	59,401809	-69,60395	1,248
1,3075	1687,6	200	1,5	86,66459052	109,02419	58,798469	-70,20729	1,3075
1,3669	1674,9	200	1,5	87,05049144	109,59973	58,222932	-70,78282	1,3669
1,4263	1663,6	200	1,5	87,41997422	110,15078	57,67188	-71,33388	1,4263
1,4857	1655,1	200	1,5	87,77437904	110,67934	57,143316	-71,86244	1,4857
1,5452	1650,3	200	2,5	88,11545056	111,18802	57,634638	-71,37112	1,5452

1,6046	1646,1	200	2,5	88,44309233	111,67667	57,145989	-71,85977	1,6046
1,664	1642	200	3	88,75882301	112,14755	57,175104	-71,83065	1,664
1,7235	1636,4	200	3	89,06398233	112,60267	56,719986	-72,28577	1,7235
1,7829	1624,5	200	3	89,35829627	113,04161	56,281042	-72,72471	1,7829
1,8423	1613,6	200	3	89,64296361	113,46617	55,856486	-73,14927	1,8423
1,9018	1604	200	3	89,91905343	113,87793	55,444722	-73,56103	1,9018
1,9612	1595,2	200	3	90,18619426	114,27635	55,046305	-73,95945	1,9612
2,0206	1592,4	200	3	90,44536355	114,66288	54,659776	-74,34598	2,0206
2,08	1588,6	200	3	90,69702327	115,03821	54,284448	-74,72131	2,08
2,1395	1582,9	200	3	90,94200239	115,40357	53,919083	-75,08667	2,1395
2,1989	1575,3	200	3,5	91,17986616	115,75833	54,06433	-74,94143	2,1989
2,2583	1573,2	200	3,5	91,41138926	116,10362	53,719033	-75,28672	2,2583
2,3178	1571,3	200	3,5	91,63727574	116,44051	53,382143	-75,62361	2,3178
2,3772	1570	200	3,5	91,857071	116,76832	53,054338	-75,95142	2,3772
2,4366	1562,4	200	3,5	92,07144137	117,08803	52,734623	-76,27113	2,4366
2,496	1546,7	200	3,5	92,28064819	117,40005	52,42261	-76,58315	2,496
2,5555	1530,1	200	3,5	92,48527428	117,70523	52,117428	-76,88833	2,5555
2,6149	1513,8	200	3,5	92,68485827	118,00289	51,819765	-77,18599	2,6149
2,6743	1498,6	200	3,5	92,87995906	118,29387	51,52879	-77,47697	2,6743
2,7338	1485,9	200	3,5	93,07109136	118,57892	51,243733	-77,76202	2,7338
2,7932	1476,9	200	3,5	93,25779724	118,85738	50,965277	-78,04048	2,7932
2,8526	1471,8	200	3,5	93,44057413	119,12998	50,692681	-78,31308	2,8526
2,9121	1470,6	200	3,5	93,61988226	119,3974	50,425259	-78,5805	2,9121
2,9715	1467,7	200	3,5	93,79527126	119,65898	50,163681	-78,84208	2,9715
3,0309	1462,9	200	3,5	93,96718873	119,91538	49,907282	-79,09847	3,0309
3,0903	1454,5	200	3,5	94,13576941	120,1668	49,655858	-79,3499	3,0903
3,1498	1437,9	200	3,5	94,30141615	120,41385	49,408811	-79,59695	3,1498
3,2092	1421,5	200	3,5	94,46369224	120,65587	49,16679	-79,83897	3,2092
3,2686	1408,3	200	3,5	94,6229921	120,89345	48,929208	-80,07655	3,2686
3,3281	1398,3	200	3,5	94,77968392	121,12714	48,695516	-80,31024	3,3281
3,3875	1377,6	200	3,5	94,93334265	121,35631	48,466347	-80,53941	3,3875
3,4469	1351,2	200	3,5	95,08433025	121,58149	48,241163	-80,76459	3,4469
3,5064	1326,7	200	3,5	95,23298573	121,8032	48,019456	-80,9863	3,5064
3,5658	1303,2	200	3,5	95,37889619	122,02081	47,801843	-81,20391	3,5658
3,6252	1271,5	200	3,5	95,522396	122,23483	47,587826	-81,41793	3,6252
3,6846	1236,6	200	3,5	95,66356353	122,44537	47,377287	-81,62847	3,6846
3,7441	1201,6	200	3	95,80270537	122,65289	46,669769	-82,33599	3,7441
3,8035	1169,1	200	3	95,93942498	122,85679	46,465863	-82,53989	3,8035
3,8629	1077,4	200	3	96,07402588	123,05754	46,265118	-82,74064	3,8629
3,9224	1094,5	200	3	96,20679418	123,25555	46,067106	-82,93865	3,9224
3,9818	1066,4	200	3	96,33734542	123,45026	45,8724	-83,13336	3,9818
4,0412	1044,2	200	3	96,46596346	123,64208	45,680577	-83,32518	4,0412
4,1006	1032,2	200	3	96,59270472	123,8311	45,491554	-83,5142	4,1006
4,1601	1015,8	200	3	96,71783198	124,01772	45,304937	-83,70082	4,1601
4,2195	1000,1	200	3	96,8409764	124,20138	45,121278	-83,88448	4,2195
4,2789	988,7	200	3	96,96239931	124,38247	44,940187	-84,06557	4,2789
4,3384	993,9	200	3	97,0823484	124,56136	44,761293	-84,24446	4,3384
4,3978	998,6	200	3	97,20046607	124,73753	44,585131	-84,42063	4,3978

4,4572	1004	200	3	97,31699901	124,91132	44,411332	-84,59442	4,4572
4,5167	1006,3	200	3	97,43218148	125,08311	44,239547	-84,76621	4,5167
4,5761	1003,5	200	3,5	97,5456667	125,25236	44,570294	-84,43546	4,5761
4,6355	1001,3	200	3,5	97,65768828	125,41943	44,403224	-84,60253	4,6355
4,6949	1001,5	200	3,5	97,7682835	125,58438	44,238281	-84,76748	4,6949
4,7544	1005,4	200	3,5	97,87767092	125,74752	44,075139	-84,93062	4,7544
4,8138	1020,9	200	3,5	97,98551742	125,90836	43,914295	-85,09146	4,8138
4,8732	1036,6	200	3,5	98,09204128	126,06723	43,755424	-85,25033	4,8732
4,9327	1050,3	200	3,5	98,19745063	126,22444	43,598215	-85,40754	4,9327
4,9921	1043,4	200	3,5	98,3014221	126,37951	43,443151	-85,56261	4,9921
5,0515	1022,3	200	3,5	98,40416372	126,53274	43,289921	-85,71584	5,0515
5,111	992,4	200	3,5	98,50587419	126,68443	43,138229	-85,86753	5,111
5,1704	962	200	3,5	98,60623943	126,83411	42,988543	-86,01721	5,1704
5,2298	928,1	200	3,5	98,70545819	126,98209	42,840566	-86,16519	5,2298
5,2892	889,6	200	3,5	98,80355636	127,1284	42,694262	-86,31149	5,2892
5,3487	842,1	200	3,5	98,90072137	127,27331	42,549348	-86,45641	5,3487
5,4081	795,7	200	3	98,99665084	127,41638	41,906278	-87,09948	5,4081
5,4675	754,1	200	3	99,09153241	127,55789	41,76477	-87,24099	5,4675
5,527	716,7	200	3	99,18554586	127,6981	41,624558	-87,3812	5,527
5,5864	679,2	200	3	99,27839715	127,83658	41,486078	-87,51968	5,5864
5,6458	646,7	200	3	99,37026636	127,97359	41,349063	-87,65669	5,6458
5,7053	633,9	200	3	99,46132629	128,1094	41,213255	-87,7925	5,7053
5,7647	612,5	200	3	99,5512908	128,24358	41,079081	-87,92668	5,7647
5,8241	571,1	200	3	99,64033304	128,37637	40,946282	-88,05947	5,8241
5,8835	574,1	200	3	99,72847173	128,50783	40,814831	-88,19093	5,8835
5,943	562	200	3	99,81587118	128,63817	40,684482	-88,32127	5,943
6,0024	536	200	3	99,90225524	128,76701	40,555648	-88,45011	6,0024
6,0618	498,3	200	3	99,98778864	128,89457	40,428083	-88,57767	6,0618
6,1213	465,4	200	3	100,0726299	129,02111	40,301549	-88,70421	6,1213
6,1807	455,1	200	3	100,1565099	129,14621	40,17645	-88,82931	6,1807
6,2401	446,8	200	3	100,2395876	129,27011	40,052546	-88,95321	6,2401
6,2995	437,6	200	3	100,3218782	129,39284	39,929817	-89,07594	6,2995
6,359	427,7	200	3	100,4035331	129,51462	39,808036	-89,19772	6,359
6,4184	424	200	3	100,4842922	129,63507	39,687591	-89,31817	6,4184
6,4778	420,1	200	3	100,5643073	129,7544	39,568255	-89,4375	6,4778
6,5373	415,2	200	3	100,6437249	129,87285	39,449811	-89,55595	6,5373
6,5967	409,6	200	3	100,7222913	129,99002	39,332636	-89,67312	6,5967
6,6561	406,9	200	3	100,8001533	130,10615	39,216512	-89,78925	6,6561
6,7156	410,2	200	3	100,877453	130,22143	39,101226	-89,90453	6,7156
6,775	418,2	200	3	100,9539426	130,33551	38,987148	-90,01861	6,775
6,8344	426,3	200	3	101,0297644	130,44859	38,874067	-90,13169	6,8344
6,8938	425,3	200	3	101,1049302	130,56069	38,761964	-90,24379	6,8938
6,9533	420,9	200	3	101,1795759	130,67202	38,650636	-90,35512	6,9533
7,0127	415,8	200	3	101,2534618	130,78222	38,540442	-90,46531	7,0127
7,0721	401,2	200	3	101,3267244	130,89148	38,431177	-90,57458	7,0721
7,1316	386,2	200	3	101,3994961	131,00001	38,322644	-90,68311	7,1316
7,191	376,7	200	3,5	101,4715423	131,10746	38,715193	-90,29056	7,191
7,2504	367,1	200	3,5	101,5429959	131,21403	38,608627	-90,39713	7,2504

7,3099	345,2	200	3	101,6139853	131,3199	38,002752	-91,003	7,3099
7,3693	322,7	200	3	101,6842813	131,42474	37,897912	-91,10784	7,3693
7,4287	306,4	200	3	101,754013	131,52874	37,793913	-91,21184	7,4287
7,4881	291	200	3	101,8231893	131,63191	37,690743	-91,31501	7,4881
7,5476	265	200	3	101,8919341	131,73444	37,588216	-91,41754	7,5476
7,607	244,6	200	3	101,9600249	131,83599	37,486664	-91,51909	7,607
7,6664	224,8	200	3	102,0275861	131,93675	37,385903	-91,61985	7,6664
7,7259	205,6	200	3	102,0947382	132,03691	37,285751	-91,72001	7,7259
7,7853	190,9	200	3	102,1612636	132,13612	37,186534	-91,81922	7,7853
7,8447	174,9	200	3	102,2272834	132,23458	37,088072	-91,91768	7,8447
7,9041	156,9	200	3	102,2928051	132,3323	36,990352	-92,0154	7,9041
7,9636	139,2	200	3	102,3579453	132,42946	36,893201	-92,11256	7,9636
8,023	133,8	200	3	102,4224924	132,52572	36,796934	-92,20882	8,023
8,0824	127,6	200	3	102,4865634	132,62128	36,701378	-92,30438	8,0824
8,1419	120,1	200	3	102,5502719	132,71629	36,606363	-92,39939	8,1419
8,2013	112,7	200	3	102,6134105	132,81046	36,512197	-92,49356	8,2013
8,2607	116,5	200	3	102,6760936	132,90395	36,41871	-92,58705	8,2607
8,3202	116,4	200	3,5	102,7384319	132,99692	36,825738	-92,18002	8,3202
8,3796	112,9	200	3,5	102,8002223	133,08907	36,733583	-92,27217	8,3796
8,439	103,9	200	3,5	102,8615763	133,18058	36,642079	-92,36368	8,439
8,4984	86,4	200	3,5	102,9224999	133,27144	36,551217	-92,45454	8,4984
8,5579	64,4	200	3,5	102,9831007	133,36182	36,460836	-92,54492	8,5579
8,6173	44,6	200	3,5	103,0431808	133,45142	36,371232	-92,63452	8,6173
8,6767	29,6	200	3,5	103,1028482	133,54041	36,282243	-92,72351	8,6767
8,7362	15,8	200	3,5	103,1622079	133,62894	36,193713	-92,81204	8,7362
8,7956	8,1	200	3,5	103,221066	133,71672	36,105932	-92,89982	8,7956
8,855	4	200	3,5	103,2795279	133,80392	36,018741	-92,98702	8,855
8,9145	0,7	200	3,5	103,3376964	133,89067	35,931988	-93,07377	8,9145
8,9739	0	200	3,5	103,3953811	133,9767	35,845956	-93,1598	8,9739
9,0333	0	200	3,5	103,4526852	134,06216	35,760492	-93,24526	9,0333
9,0927	0	200	3,5	103,5096138	134,14707	35,675588	-93,33017	9,0927
9,1522	0	200	3,5	103,5662666	134,23156	35,591095	-93,41466	9,1522
9,2116	0	200	3,5	103,622458	134,31537	35,507291	-93,49847	9,2116
9,271	0	200	3,5	103,6782882	134,39863	35,424025	-93,58173	9,271
9,3305	0	200	3,5	103,7338549	134,4815	35,341152	-93,6646	9,3305
9,3899	0	200	3,5	103,7889759	134,56371	35,258944	-93,74681	9,3899
9,4493	0	200	3,5	103,8437493	134,6454	35,177254	-93,8285	9,4493
9,5088	0	200	3,5	103,8982708	134,72672	35,09594	-93,90982	9,5088
9,5682	0	200	3,5	103,9523615	134,80739	35,015268	-93,99049	9,5682
9,6276	0	200	3,5	104,0061173	134,88756	34,935096	-94,07066	9,6276
9,687	0	200	3,5	104,0595426	134,96724	34,855417	-94,15034	9,687
9,7465	0	200	3,5	104,1127303	135,04656	34,776092	-94,22966	9,7465
9,8059	0	200	3,5	104,1655058	135,12527	34,697382	-94,30837	9,8059
9,8653	0	200	3,5	104,2179625	135,20351	34,619148	-94,38661	9,8653
9,9248	0	200	3,5	104,2701918	135,2814	34,541252	-94,4645	9,9248
9,9842	0	200	3,5	104,322022	135,3587	34,463952	-94,5418	9,9842
10,0436	0	200	3,5	104,3735447	135,43555	34,38711	-94,61865	10,0436
10,103	0	200	3,5	104,4247636	135,51193	34,310722	-94,69503	10,103

10,1625	0	200	3,5	104,4757677	135,588	34,234654	-94,7711	10,1625
10,2219	0	200	3,5	104,5263891	135,6635	34,159156	-94,8466	10,2219
10,2813	0	200	3,5	104,5767172	135,73856	34,084096	-94,92166	10,2813
10,3408	0	200	4	104,6268393	135,81331	34,509344	-94,49641	10,3408
10,4002	0	200	4	104,6765904	135,88751	34,435144	-94,57061	10,4002
10,4596	0	200	4	104,7260581	135,96129	34,361367	-94,64439	10,4596
10,5191	0	200	4	104,7753282	136,03477	34,287885	-94,71787	10,5191
10,5785	0	200	4	104,8242384	136,10772	34,21494	-94,79082	10,5785
10,6379	0	200	4	104,8728746	136,18025	34,142403	-94,86335	10,6379
10,6973	0	200	4	104,9212401	136,25239	34,070271	-94,93549	10,6973
10,7568	0	200	4	104,9694185	136,32424	33,998417	-95,00734	10,7568
10,8162	0	200	4	105,0172508	136,39558	33,927079	-95,07868	10,8162
10,8756	0	200	4	105,0648211	136,46652	33,856132	-95,14962	10,8756
10,9351	0	200	4	105,1122118	136,5372	33,785453	-95,2203	10,9351
10,9945	0	200	4	105,1592662	136,60738	33,715275	-95,29048	10,9945
11,0539	0	200	4	105,2060672	136,67718	33,645476	-95,36028	11,0539
11,1134	0	200	4	105,2526955	136,74672	33,575934	-95,42982	11,1134
11,1728	0	200	4	105,2989971	136,81578	33,506879	-95,49888	11,1728
11,2322	0	200	4	105,3450531	136,88447	33,43819	-95,56757	11,2322
11,2916	0	200	4	105,3908663	136,95279	33,369864	-95,63589	11,2916
11,3511	0	200	4	105,4365156	137,02087	33,301782	-95,70397	11,3511
11,4105	0	200	4	105,4818501	137,08849	33,23417	-95,77159	11,4105
11,4699	0	200	4	105,5269492	137,15575	33,166908	-95,83885	11,4699
11,5294	0	200	4	105,5718907	137,22277	33,099882	-95,90587	11,5294
11,5888	0	200	4	105,6165259	137,28934	33,033312	-95,97244	11,5888
11,6482	0	200	4	105,660933	137,35557	32,967083	-96,03867	11,6482
11,7076	0	200	4	105,7051141	137,42147	32,901191	-96,10457	11,7076
11,7671	0	200	4	105,7491455	137,48713	32,835522	-96,17023	11,7671
11,8265	0	200	4	105,7928813	137,55236	32,770294	-96,23546	11,8265
11,8859	0	200	4	105,836398	137,61726	32,705392	-96,30036	11,8859

Perfil Topográfico Estación Avila-5 330°



