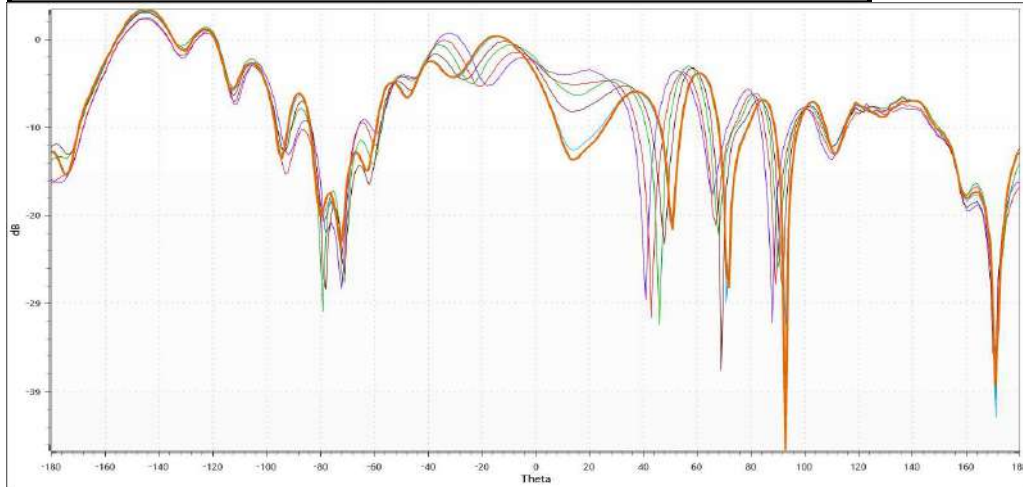


Test Report



Num	Freq.	Data	Pol	Fixed Angle	BP.Value	BP.Pos	BW.Value	BW.Left	BW.Right	Gain	Gain Pos	Avg Gain	AR.Peak	AR.Center	Select Marker
1	2.4	Amp	Horizontal	Phi	2.433	-145	20.179	-155.222	-135.043	2.433	-145, 90	-5.701	-27.881	-	-
2	2.42	Amp	Horizontal	Phi	2.282	-145	20.632	-155.637	-135.005	2.282	-145, 90	-5.846	-26.114	-	-
3	2.44	Amp	Horizontal	Phi	3.07	-145	20.741	-155.536	-134.795	3.07	-145, 90	-5.23	-18.104	-	-
4	2.46	Amp	Horizontal	Phi	3.025	-145	20.584	-155.379	-134.795	3.025	-145, 90	-5.377	-17.848	-	-
5	2.48	Amp	Horizontal	Phi	3.177	-146	19.893	-154.894	-135.001	3.177	-146, 90	-5.374	-16.077	-	-
6	2.484	Amp	Horizontal	Phi	3.301	-145	19.802	-154.874	-135.073	3.301	-145, 90	-5.337	-15.397	-	-

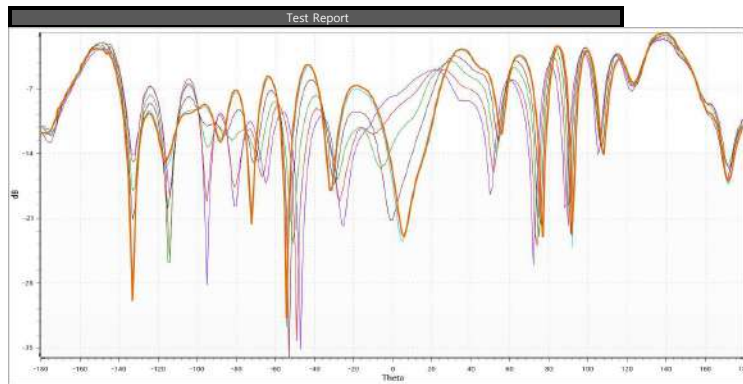
Num	1	Num	2	Num	3	Num	4	Num	5	Num	6
Freq	2.4	Freq	2.42	Freq	2.44	Freq	2.46	Freq	2.48	Freq	2.484
Data	Amp	Data	Amp	Data	Amp	Data	Amp	Data	Amp	Data	Amp
Pol	Horizontal	Pol	Horizontal	Pol	Horizontal	Pol	Horizontal	Pol	Horizontal	Pol	Horizontal
Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi
Val	90	Val	90	Val	90	Val	90	Val	90	Val	90

Pos	Value	Pos	Value	Pos	Value	Pos	Value	Pos	Value	Pos	Value
-180	-15.59831	-180	-16.03763	-180	-13.54434	-180	-11.97332	-180	-12.38738	-180	-12.56513
-179	-15.79783	-179	-15.90355	-179	-13.26593	-179	-11.74051	-179	-12.49765	-179	-12.66026
-178	-15.89509	-178	-15.67505	-178	-13.06578	-178	-11.57768	-178	-12.7245	-178	-12.91865
-177	-15.98594	-177	-15.50591	-177	-13.06209	-177	-11.83276	-177	-13.35818	-177	-13.57871
-176	-15.89294	-176	-15.33333	-176	-13.10889	-176	-12.1111	-176	-14.10045	-176	-14.28735
-175	-15.74081	-175	-15.14488	-175	-13.23663	-175	-12.56286	-175	-14.94168	-175	-15.08515
-174	-15.33931	-174	-15.01868	-174	-13.23836	-174	-12.88531	-174	-15.23982	-174	-15.21776
-173	-14.76232	-173	-14.54899	-173	-12.90536	-173	-12.78153	-173	-14.69375	-173	-14.60572
-172	-13.92844	-172	-13.85012	-172	-12.33477	-172	-12.32159	-172	-13.44483	-172	-13.30841
-171	-13.07657	-171	-13.01889	-171	-11.47683	-171	-11.3891	-171	-11.9676	-171	-11.7543
-170	-12.03023	-170	-11.9477	-170	-10.47888	-170	-10.39298	-170	-10.50954	-170	-10.44396
-169	-10.87814	-169	-10.8643	-169	-9.42333	-169	-9.28694	-169	-9.26439	-169	-9.17451
-168	-9.86851	-168	-9.76492	-168	-8.53145	-168	-8.31895	-168	-8.21369	-168	-8.15607
-167	-8.80971	-167	-8.72482	-167	-7.59231	-167	-7.45078	-167	-7.35894	-167	-7.27844
-166	-7.84557	-166	-7.87453	-166	-6.89415	-166	-6.70823	-166	-6.59942	-166	-6.51544
-165	-7.06352	-165	-7.11037	-165	-6.25672	-165	-6.07857	-165	-5.95435	-165	-5.88009
-164	-6.2619	-164	-6.29717	-164	-5.54735	-164	-5.36497	-164	-5.25266	-164	-5.15874
-163	-5.5148	-163	-5.64287	-163	-4.91701	-163	-4.68574	-163	-4.59	-163	-4.45326
-162	-4.90167	-162	-4.98675	-162	-4.27086	-162	-4.05637	-162	-3.99056	-162	-3.84806
-161	-4.18928	-161	-4.27389	-161	-3.49097	-161	-3.36039	-161	-3.38053	-161	-3.21116
-160	-3.55976	-160	-3.60129	-160	-2.81567	-160	-2.6589	-160	-2.69471	-160	-2.5658
-159	-2.92071	-159	-2.91615	-159	-2.0984	-159	-2.01308	-159	-2.05061	-159	-1.98753
-158	-2.24244	-158	-2.14085	-158	-1.35583	-158	-1.40115	-158	-1.50823	-158	-1.39811
-157	-1.60526	-157	-1.50936	-157	-0.73005	-157	-0.85891	-157	-0.9794	-157	-0.88176
-156	-0.98304	-156	-0.91262	-156	-0.16503	-156	-0.23482	-156	-0.3772	-156	-0.29426
-155	-0.4479	-155	-0.37461	-155	0.3421	-155	0.18366	-155	0.12896	-155	0.24556
-154	0.00699	-154	0.03134	-154	0.76192	-154	0.60155	-154	0.58785	-154	0.68904
-153	0.51768	-153	0.50688	-153	1.21897	-153	1.09113	-153	1.16802	-153	1.28331
-152	0.90001	-152	0.82796	-152	1.62586	-152	1.52937	-152	1.60878	-152	1.77979
-151	1.25513	-151	1.18173	-151	1.9636	-151	1.88114	-151	2.07645	-151	2.21016
-150	1.51022	-150	1.45111	-150	2.30999	-150	2.22324	-150	2.43836	-150	2.55339
-149	1.76337	-149	1.68785	-149	2.54672	-149	2.48518	-149	2.66729	-149	2.8065
-148	2.03454	-148	1.94142	-148	2.80496	-148	2.72563	-148	2.96564	-148	3.03657
-147	2.29492	-147	2.17826	-147	2.99756	-147	2.94881	-147	3.16453	-147	3.29151
-146	2.34329	-146	2.23708	-146	3.04778	-146	2.98579	-146	3.17748	-146	3.24287
-145	2.43317	-145	2.28246	-145	3.07029	-145	3.02486	-145	3.16268	-145	3.30129
-144	2.40163	-144	2.25406	-144	3.05781	-144	2.97879	-144	3.17278	-144	3.27975
-143	2.34318	-143	2.156	-143	2.92786	-143	2.94362	-143	3.10978	-143	3.24798
-142	2.13474	-142	1.95884	-142	2.73796	-142	2.77657	-142	2.98219	-142	3.12979
-141	1.87442	-141	1.74275	-141	2.56667	-141	2.67305	-141	2.8772	-141	3.00749
-140	1.58209	-140	1.44954	-140	2.28481	-140	2.39745	-140	2.60849	-140	2.64973
-139	1.20741	-139	1.07804	-139	1.91046	-139	2.0169	-139	2.22662	-139	2.30876
-138	0.87697	-138	0.74355	-138	1.57742	-138	1.67722	-138	1.81004	-138	1.84561
-137	0.45422	-137	0.30003	-137	1.16498	-137	1.14446	-137	1.30128	-137	1.37236
-136	-0.06002	-136	-0.16634	-136	0.67268	-136	0.67733	-136	0.80352	-136	0.85923
-135	-0.58958	-135	-0.72026	-135	0.15943	-135	0.12276	-135	0.1767	-135	0.2575
-134	-1.17605	-134	-1.21315	-134	-0.2762	-134	-0.35583	-134	-0.28074	-134	-0.2679
-133	-1.64805	-133	-1.57373	-133	-0.58017	-133	-0.65801	-133	-0.71247	-133	-0.76202
-132	-2.00039	-132	-1.79227	-132	-0.7258	-132	-0.94486	-132	-1.10303	-132	-1.08572
-131	-2.05532	-131	-1.72286	-131	-0.65114	-131	-0.94066	-131	-1.20091	-131	-1.19007
-130	-1.95252	-130	-1.63403	-130	-0.59892	-130	-1.03677	-130	-1.29022	-130	-1.29935
-129	-1.49103	-129	-1.2285	-129	-0.26092	-129	-0.77751	-129	-0.98416	-129	-0.9839
-128	-0.9775	-128	-0.84684	-128	0.08897	-128	-0.40214	-128	-0.50755	-128	-0.46569
-127	-0.47887	-127	-0.42759	-127	0.4195	-127	-0.02862	-127	-0.04862	-127	0.01802
-126	-0.06866	-126	-0.08659	-126	0.74221	-126	0.34856	-126	0.39359	-126	0.48102
-125	0.29533	-125	0.25339	-125	1.03338	-125	0.68322	-125	0.77271	-125	0.85087
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-123	0.85227	-123	0.70506	-123	1.4317	-123	1.06536	-123	1.13086	-123	1.15825
-122	0.97072	-122	0.72025	-122	1.40869	-122	0.99544	-122	1.03721	-122	1.13113
-121	0.96178	-121	0.62078	-121	1.22938	-121	0.85761	-121	0.89426	-121	1.00338
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-119	0.2848	-119	-0.31271	-119	0.31925	-119	-0.02935	-119	-0.08012	-119	0.00313
-118	-0.37462	-118	-1.10561	-118	-0.44855	-118	-0.76134	-118	-0.87301	-118	-0.78974
-117	-1.24753	-117	-1.98896	-117	-1.28555	-117	-1.63612	-117	-1.77316	-117	-1.69773
-116	-2.37129	-116	-3.16309	-116	-2.37704	-116	-2.76863	-116	-2.92478	-116	-2.80268
-115	-3.65212	-115	-4.3713	-115	-3.48514	-115	-3.89848	-115	-4.1171	-115	-4.03978
-114	-5.17687	-114	-5.71218	-114	-4.59487	-114	-5.22075	-114	-5.2347	-114	-5.10093

-113	-6.39081	-113	-6.61329	-113	-5.28873	-113	-6.02734	-113	-5.74577	-113	-5.60383
-112	-7.20621	-112	-6.94572	-112	-5.47629	-112	-6.19825	-112	-5.67004	-112	-5.53968
-111	-7.18327	-111	-6.58422	-111	-5.04602	-111	-5.68336	-111	-5.1873	-111	-5.04297
-110	-6.42653	-110	-5.68533	-110	-4.18838	-110	-4.84239	-110	-4.388	-110	-4.27677
-109	-5.42118	-109	-4.76101	-109	-3.433	-109	-4.01482	-109	-3.76012	-109	-3.63429
-108	-4.41628	-108	-3.96609	-108	-2.77572	-108	-3.36914	-108	-3.24685	-108	-3.1947
-107	-3.6246	-107	-3.38443	-107	-2.37685	-107	-2.96607	-107	-2.90644	-107	-2.85653
-106	-3.02746	-106	-3.00002	-106	-2.16832	-106	-2.74128	-106	-2.77759	-106	-2.67707
-105	-2.6803	-105	-2.95192	-105	-2.19658	-105	-2.75993	-105	-2.73738	-105	-2.6465
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-102	-2.97547	-102	-3.77182	-102	-3.29198	-102	-3.63785	-102	-3.60076	-102	-3.50927
-101	-3.47263	-101	-4.41636	-101	-3.9496	-101	-4.24944	-101	-4.27282	-101	-4.17473
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-99	-4.94859	-99	-6.30031	-99	-5.83463	-99	-5.87875	-99	-6.0303	-99	-6.05239
-98	-5.80678	-98	-7.43661	-98	-6.94453	-98	-6.88657	-98	-7.25135	-98	-7.32468
-97	-6.91443	-97	-8.96319	-97	-8.27067	-97	-8.21576	-97	-8.88057	-97	-9.00733
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-88	-9.99142	-88	-10.55978	-88	-7.83008	-88	-7.15121	-88	-6.21211	-88	-5.97368
-87	-9.3508	-87	-10.14872	-87	-7.73317	-87	-6.90063	-87	-6.24395	-87	-6.03798
-86	-9.08996	-86	-10.09689	-86	-7.9757	-86	-7.01304	-86	-6.71974	-86	-6.58403
-85	-9.07566	-85	-10.39866	-85	-8.71268	-85	-7.57906	-85	-7.61767	-85	-7.52427
-84	-9.42708	-84	-11.14811	-84	-9.91272	-84	-8.68723	-84	-9.1107	-84	-9.11383
-83	-10.13646	-83	-12.1678	-83	-11.70111	-83	-10.28715	-83	-11.22568	-83	-11.38677
-82	-11.67664	-82	-14.04049	-82	-14.70796	-82	-12.52513	-82	-14.13714	-82	-14.44965
-81	-13.33643	-81	-15.86596	-81	-18.17461	-81	-15.23713	-81	-16.99875	-81	-17.63447
-80	-16.01783	-80	-18.36195	-80	-24.75034	-80	-19.4742	-80	-19.47001	-80	-19.77207
-79	-19.25403	-79	-20.30796	-79	-30.3815	-79	-26.07097	-79	-19.86498	-79	-19.35891
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-74	-22.3756	-74	-19.89558	-74	-17.83245	-74	-18.91116	-74	-20.3232	-74	-19.61821
-73	-25.97782	-73	-22.78014	-73	-20.68115	-73	-20.78427	-73	-22.55883	-73	-21.98243
-72	-27.82461	-72	-24.37577	-72	-25.98002	-72	-24.30893	-72	-22.63301	-72	-22.71855
-71	-23.34913	-71	-21.12639	-71	-27.08521	-71	-26.22199	-71	-19.63312	-71	-19.71108
-70	-18.36521	-70	-17.02275	-70	-20.54844	-70	-21.98816	-70	-16.53037	-70	-16.37977
-69	-14.8798	-69	-14.18994	-69	-16.63049	-69	-18.41784	-69	-14.56294	-69	-14.42788
-68	-12.70409	-68	-12.14061	-68	-14.12212	-68	-16.24402	-68	-13.4678	-68	-13.28695
-67	-10.87419	-67	-10.6271	-67	-12.46496	-67	-14.79359	-67	-12.82738	-67	-12.66344
-66	-9.86083	-66	-9.77416	-66	-11.64423	-66	-14.14521	-66	-12.85904	-66	-12.68925
-65	-9.18245	-65	-9.29545	-65	-11.26977	-65	-14.10576	-65	-13.3209	-65	-13.21112
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-63	-8.95089	-63	-9.55693	-63	-11.9084	-63	-15.29522	-63	-14.65782	-63	-14.69016
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-61	-9.76781	-61	-10.98254	-61	-13.67015	-61	-15.69569	-61	-13.32183	-61	-13.29142
-60	-10.26563	-60	-11.83339	-60	-13.99123	-60	-14.07461	-60	-11.70041	-60	-11.56933
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-57	-9.35112	-57	-9.41699	-57	-9.44868	-57	-8.48292	-57	-6.95156	-57	-6.83731
-56	-8.09473	-56	-8.16186	-56	-7.89786	-56	-7.15878	-56	-5.89795	-56	-5.80457
-55	-7.03139	-55	-6.81443	-55	-6.45108	-55	-6.12428	-55	-5.26801	-55	-5.21381
-54	-6.025	-54	-5.87031	-54	-5.45051	-54	-5.44825	-54	-4.94071	-54	-4.93617
-53	-5.23093	-53	-5.14761	-53	-4.74644	-53	-4.98166	-53	-4.77133	-53	-4.80017
-52	-4.62924	-52	-4.57638	-52	-4.27859	-52	-4.7526	-52	-4.84726	-52	-4.92019
-51	-4.24938	-51	-4.31786	-51	-4.04296	-51	-4.67647	-51	-5.07237	-51	-5.19988
-50	-4.01542	-50	-4.1355	-50	-3.96203	-50	-4.82756	-50	-5.48308	-50	-5.67954
-49	-3.95049	-49	-4.12555	-49	-4.12292	-49	-5.06242	-49	-5.92995	-49	-6.16081
-48	-3.97186	-48	-4.16278	-48	-4.30324	-48	-5.36417	-48	-6.34868	-48	-6.52265
-47	-4.10662	-47	-4.3082	-47	-4.55912	-47	-5.59695	-47	-6.39428	-47	-6.48584
-46	-4.21591	-46	-4.37975	-46	-4.61294	-46	-5.6124	-46	-6.08425	-46	-6.09189
-45	-4.25778	-45	-4.37616	-45	-4.46506	-45	-5.31924	-45	-5.41447	-45	-5.39865
-44	-4.15719	-44	-4.1385	-44	-4.11732	-44	-4.7484	-44	-4.65764	-44	-4.62738
-43	-3.8586	-43	-3.72301	-43	-3.55115	-43	-4.02916	-43	-3.91557	-43	-3.9115
-42	-3.37915	-42	-3.16405	-42	-2.90312	-42	-3.29461	-42	-3.26492	-42	-3.28463
-41	-2.78755	-41	-2.57765	-41	-2.2722	-41	-2.66739	-41	-2.79711	-41	-2.8395
-40	-2.12215	-40	-1.99514	-40	-1.70661	-40	-2.15794	-40	-2.46852	-40	-2.53789
-39	-1.49023	-39	-1.44321	-39	-1.25678	-39	-1.83515	-39	-2.36049	-39	-2.47113

-38	-0.89288	-38	-0.95314	-38	-0.91057	-38	-1.65058	-38	-2.35094	-38	-2.50815
-37	-0.37242	-37	-0.58218	-37	-0.7135	-37	-1.59928	-37	-2.5358	-37	-2.68999
-36	0.02182	-36	-0.33147	-36	-0.65707	-36	-1.69689	-36	-2.82347	-36	-2.998
-35	0.35275	-35	-0.17039	-35	-0.66928	-35	-1.87603	-35	-3.12464	-35	-3.29347
-34	0.56351	-34	-0.12567	-34	-0.78665	-34	-2.17352	-34	-3.48197	-34	-3.62142
-33	0.67436	-33	-0.14634	-33	-0.99875	-33	-2.5269	-33	-3.88235	-33	-3.94397
-32	0.71386	-32	-0.31765	-32	-1.3636	-32	-2.92701	-32	-4.11352	-32	-4.16268
-31	0.65965	-31	-0.49491	-31	-1.76076	-31	-3.24085	-31	-4.26942	-31	-4.25433
-30	0.47898	-30	-0.83337	-30	-2.19407	-30	-3.71218	-30	-4.322	-30	-4.16532
-29	0.40099	-29	-1.24584	-29	-2.80638	-29	-4.04532	-29	-4.23804	-29	-4.11916
-28	-0.01301	-28	-1.74837	-28	-3.37069	-28	-4.36312	-28	-4.06525	-28	-3.88241
-27	-0.4315	-27	-2.29145	-27	-3.99508	-27	-4.47487	-27	-3.73637	-27	-3.53691
-26	-0.84209	-26	-2.89156	-26	-4.42506	-26	-4.42349	-26	-3.36201	-26	-3.11335
-25	-1.25479	-25	-3.51498	-25	-4.84324	-25	-4.31912	-25	-2.98589	-25	-2.74499
-24	-1.92238	-24	-4.05162	-24	-4.92255	-24	-4.06861	-24	-2.51574	-24	-2.31365
-23	-2.58137	-23	-4.64613	-23	-4.87145	-23	-3.64252	-23	-2.00197	-23	-1.78518
-22	-3.30566	-22	-5.08979	-22	-4.64085	-22	-3.22871	-22	-1.57949	-22	-1.34229
-21	-3.93189	-21	-5.26612	-21	-4.10322	-21	-2.71573	-21	-1.17076	-21	-0.87999
-20	-4.49163	-20	-5.27598	-20	-3.75505	-20	-2.28198	-20	-0.85667	-20	-0.61127
-19	-4.87751	-19	-4.90428	-19	-3.02188	-19	-1.78262	-19	-0.42841	-19	-0.26078
-18	-5.1738	-18	-4.54479	-18	-2.52329	-18	-1.39903	-18	-0.18941	-18	-0.0491
-17	-5.14727	-17	-4.04738	-17	-2.15699	-17	-1.13166	-17	0.03441	-17	0.21929
-16	-5.11756	-16	-3.72331	-16	-1.7726	-16	-0.84489	-16	0.17276	-16	0.28076
-15	-4.75696	-15	-3.19647	-15	-1.41605	-15	-0.59699	-15	0.29174	-15	0.38425
-14	-4.42923	-14	-2.81689	-14	-1.17218	-14	-0.40661	-14	0.32235	-14	0.38575
-13	-3.97995	-13	-2.43005	-13	-0.96572	-13	-0.33274	-13	0.25539	-13	0.30064
-12	-3.58464	-12	-2.12077	-12	-0.79829	-12	-0.27389	-12	0.18262	-12	0.20693
-11	-3.17324	-11	-1.86561	-11	-0.6953	-11	-0.26719	-11	0.02788	-11	0.03891
-10	-2.87163	-10	-1.67162	-10	-0.64284	-10	-0.31097	-10	-0.17523	-10	-0.18216
-9	-2.53326	-9	-1.50242	-9	-0.6167	-9	-0.37958	-9	-0.36079	-9	-0.38974
-8	-2.36925	-8	-1.45842	-8	-0.68018	-8	-0.53568	-8	-0.65075	-8	-0.67241
-7	-2.17305	-7	-1.41094	-7	-0.72059	-7	-0.68138	-7	-0.90698	-7	-0.94455
-6	-2.10212	-6	-1.42689	-6	-0.83266	-6	-0.91378	-6	-1.2367	-6	-1.26003
-5	-2.04164	-5	-1.48965	-5	-0.97322	-5	-1.15858	-5	-1.55322	-5	-1.60273
-4	-2.07064	-4	-1.61055	-4	-1.13777	-4	-1.45367	-4	-1.93654	-4	-1.99674
-3	-2.15453	-3	-1.77402	-3	-1.33993	-3	-1.78077	-3	-2.31358	-3	-2.3646
-2	-2.23377	-2	-1.97643	-2	-1.5635	-2	-2.09878	-2	-2.72284	-2	-2.80966
-1	-2.42847	-1	-2.22638	-1	-1.8184	-1	-2.51291	-1	-3.2317	-1	-3.31611
0	-2.61034	0	-2.51199	0	-2.16069	0	-2.91788	0	-3.73365	0	-3.82021
1	-2.83227	1	-2.82487	1	-2.51864	1	-3.37511	1	-4.27749	1	-4.39205
2	-3.03604	2	-3.17103	2	-2.89237	2	-3.86787	2	-4.91414	2	-4.99713
3	-3.20046	3	-3.46964	3	-3.22871	3	-4.36502	3	-5.5189	3	-5.61383
4	-3.3882	4	-3.75363	4	-3.62699	4	-4.90021	4	-6.23213	4	-6.3065
5	-3.53335	5	-4.05071	5	-3.9619	5	-5.43276	5	-6.94704	5	-7.05732
6	-3.63668	6	-4.30823	6	-4.29878	6	-5.92359	6	-7.69344	6	-7.81892
7	-3.74174	7	-4.49888	7	-4.6122	7	-6.42151	7	-8.46222	7	-8.65957
8	-3.82947	8	-4.68395	8	-4.94333	8	-6.88543	8	-9.31692	8	-9.61982
9	-3.88159	9	-4.82671	9	-5.2505	9	-7.27463	9	-10.09395	9	-10.51311
10	-3.9225	10	-4.88636	10	-5.50184	10	-7.561	10	-10.83088	10	-11.41635
11	-3.92602	11	-4.97354	11	-5.71005	11	-7.75959	11	-11.4638	11	-12.20037
12	-3.89179	12	-4.99031	12	-5.85403	12	-7.943	12	-11.94287	12	-12.81475
13	-3.87504	13	-5.0059	13	-6.03353	13	-8.03628	13	-12.24394	13	-13.31353
14	-3.78798	14	-5.04581	14	-6.13923	14	-8.10287	14	-12.32992	14	-13.45593
15	-3.67704	15	-5.01396	15	-6.14498	15	-7.99867	15	-12.24114	15	-13.31782
16	-3.64346	16	-5.04995	16	-6.19567	16	-7.99751	16	-12.11825	16	-13.23433
17	-3.51758	17	-4.99809	17	-6.15049	17	-7.82246	17	-11.80818	17	-12.89852
18	-3.46155	18	-4.99453	18	-6.04638	18	-7.75671	18	-11.57907	18	-12.5809
19	-3.43667	19	-4.94515	19	-5.95373	19	-7.57114	19	-11.29773	19	-12.29208
20	-3.32528	20	-4.80621	20	-5.715	20	-7.42068	20	-11.0722	20	-11.96069
21	-3.46193	21	-4.82203	21	-5.54694	21	-7.17371	21	-10.69094	21	-11.62738
22	-3.56966	22	-4.81023	22	-5.41135	22	-7.06083	22	-10.51952	22	-11.35547
23	-3.71108	23	-4.75143	23	-5.1903	23	-6.90343	23	-10.24038	23	-11.05447
24	-3.8545	24	-4.70051	24	-5.00632	24	-6.67673	24	-9.90792	24	-10.64624
25	-4.01214	25	-4.64397	25	-4.82129	25	-6.45296	25	-9.48395	25	-10.19129
26	-4.23403	26	-4.61911	26	-4.67543	26	-6.23215	26	-9.10748	26	-9.73949
27	-4.4811	27	-4.62737	27	-4.58206	27	-6.01757	27	-8.68716	27	-9.2512
28	-4.77559	28	-4.66805	28	-4.52408	28	-5.82483	28	-8.2409	28	-8.69921
29	-5.12593	29	-4.76481	29	-4.53034	29	-5.6557	29	-7.81549	29	-8.21607
30	-5.47112	30	-4.90796	30	-4.5356	30	-5.50424	30	-7.35818	30	-7.70144
31	-5.93483	31	-5.17427	31	-4.63092	31	-5.38079	31	-6.97641	31	-7.2569
32	-6.43029	32	-5.49254	32	-4.75078	32	-5.28039	32	-6.61877	32	-6.85837
33	-7.01428	33	-5.8944	33	-4.88465	33	-5.25174	33	-6.32366	33	-6.51811
34	-7.71502	34	-6.37463	34	-5.07311	34	-5.21081	34	-6.05082	34	-6.2133
35	-8.69424	35	-7.05022	35	-5.369	35	-5.28029	35	-5.86399	35	-6.02533
36	-9.95315	36	-7.8621	36	-5.7894	36	-5.42484	36	-5.80413	36	-5.90252

37	-11.66411	37	-8.86474	37	-6.25714	37	-5.6986	37	-5.81746	37	-5.88298
38	-14.04265	38	-10.14836	38	-6.85645	38	-6.03029	38	-5.87489	38	-5.85379
39	-17.78014	39	-11.84586	39	-7.64059	39	-6.50765	39	-5.9812	39	-5.93692
40	-24.3198	40	-14.02534	40	-8.51923	40	-7.09045	40	-6.22258	40	-6.10172
41	-29.0461	41	-17.34369	41	-9.72929	41	-7.84274	41	-6.49697	41	-6.32084
42	-19.61798	42	-22.50208	42	-11.25976	42	-8.79805	42	-6.89367	42	-6.62483
43	-14.88896	43	-30.918	43	-13.23598	43	-9.96437	43	-7.35746	43	-6.99742
44	-11.91606	44	-23.80144	44	-16.13958	44	-11.58898	44	-8.03219	44	-7.5648
45	-9.65897	45	-17.5692	45	-21.37464	45	-13.7306	45	-8.82266	45	-8.28405
46	-7.99789	46	-13.88365	46	-31.83687	46	-16.74043	46	-9.80244	46	-9.23552
47	-6.72146	47	-11.2906	47	-22.08876	47	-21.09976	47	-11.22647	47	-10.48738
48	-5.5848	48	-9.18875	48	-15.36313	48	-22.83694	48	-13.28618	48	-12.30938
49	-4.78939	49	-7.61506	49	-11.68433	49	-18.30777	49	-16.20312	49	-14.88005
50	-4.038	50	-6.23445	50	-8.9396	50	-14.07604	50	-20.29206	50	-18.72436
51	-3.68443	51	-5.29458	51	-7.12827	51	-11.06835	51	-20.45696	51	-21.30758
52	-3.48322	52	-4.59382	52	-5.70569	52	-8.72795	52	-15.81458	52	-17.327
53	-3.45659	53	-4.09664	53	-4.7017	53	-6.97449	53	-12.06334	53	-13.26648
54	-3.60976	54	-3.74469	54	-3.88884	54	-5.50404	54	-9.25637	54	-10.15753
55	-3.91091	55	-3.64696	55	-3.35374	55	-4.51918	55	-7.3999	55	-8.07184
56	-4.39309	56	-3.75318	56	-3.08693	56	-3.78485	56	-5.99787	56	-6.50235
57	-4.95549	57	-4.00048	57	-2.97621	57	-3.34511	57	-5.00316	57	-5.41169
58	-5.65627	58	-4.48867	58	-3.11799	58	-3.16944	58	-4.34238	58	-4.62874
59	-6.48284	59	-5.14754	59	-3.44526	59	-3.21396	59	-3.91606	59	-4.10283
60	-7.52878	60	-6.07324	60	-3.99592	60	-3.49697	60	-3.73979	60	-3.83139
61	-8.78282	61	-7.1696	61	-4.76064	61	-4.00106	61	-3.73527	61	-3.73862
62	-10.31152	62	-8.58206	62	-5.82806	62	-4.70776	62	-3.92231	62	-3.83961
63	-12.42983	63	-10.47408	63	-7.23047	63	-5.63469	63	-4.29503	63	-4.08803
64	-14.70211	64	-12.75519	64	-8.92145	64	-6.82453	64	-4.80956	64	-4.52016
65	-17.00014	65	-15.79137	65	-11.24961	65	-8.52194	65	-5.64118	65	-5.19634
66	-17.29162	66	-19.40587	66	-14.55766	66	-10.79932	66	-6.74892	66	-6.24654
67	-15.70988	67	-20.65524	67	-18.87901	67	-14.23319	67	-8.37153	67	-7.67835
68	-13.77834	68	-18.14892	68	-21.96912	68	-19.88892	68	-10.43328	68	-9.62222
69	-12.34838	69	-15.5354	69	-18.77676	69	-36.94139	69	-13.42905	69	-12.27549
70	-11.0651	70	-13.3697	70	-15.02491	70	-22.54989	70	-18.61432	70	-16.65694
71	-10.05511	71	-11.87113	71	-12.68528	71	-16.58238	71	-29.32783	71	-24.81307
72	-9.31589	72	-11.04275	72	-11.33898	72	-13.62771	72	-23.87034	72	-27.82904
73	-8.57329	73	-10.26062	73	-10.45191	73	-11.73297	73	-17.35688	73	-18.99051
74	-7.7341	74	-9.5458	74	-9.84053	74	-10.72463	74	-14.45314	74	-15.32123
75	-7.12361	75	-8.98277	75	-9.49417	75	-10.09021	75	-12.68354	75	-13.28115
76	-6.50568	76	-8.22186	76	-9.00861	76	-9.66903	76	-11.63623	76	-12.03834
77	-5.99793	77	-7.44244	77	-8.35548	77	-9.35215	77	-10.90113	77	-11.24418
78	-5.67616	78	-6.80572	78	-7.68538	78	-8.90784	78	-10.25745	78	-10.56161
79	-5.58139	79	-6.31611	79	-6.99215	79	-8.37916	79	-9.67489	79	-9.89806
80	-5.78343	80	-6.09516	80	-6.45218	80	-7.71973	80	-8.99047	80	-9.13562
81	-6.32945	81	-6.13298	81	-6.07895	81	-7.1805	81	-8.28901	81	-8.39553
82	-7.17188	82	-6.45125	82	-5.96388	82	-6.83609	82	-7.61519	82	-7.6971
83	-8.6137	83	-7.17084	83	-6.13264	83	-6.65817	83	-7.07403	83	-7.1396
84	-10.50607	84	-8.23453	84	-6.64541	84	-6.75983	84	-6.82036	84	-6.82257
85	-13.04726	85	-9.62741	85	-7.46336	85	-7.1538	85	-6.77837	85	-6.74874
86	-17.11283	86	-11.75709	86	-8.90261	86	-7.90855	86	-7.07926	86	-6.95396
87	-23.7943	87	-14.64758	87	-10.82171	87	-9.14088	87	-7.74058	87	-7.45492
88	-31.6246	88	-19.24524	88	-13.75416	88	-11.02384	88	-8.80041	88	-8.4063
89	-21.22005	89	-27.34667	89	-18.21982	89	-13.72549	89	-10.33789	89	-9.82491
90	-16.68352	90	-24.97723	90	-25.50467	90	-17.93563	90	-12.6678	90	-11.94115
91	-14.04798	91	-18.61221	91	-23.96756	91	-26.25735	91	-16.57991	91	-15.49726
92	-12.39321	92	-15.2269	92	-18.09269	92	-27.68666	92	-23.9432	92	-21.43722
93	-11.08337	93	-13.02916	93	-14.55997	93	-18.75216	93	-31.73206	93	-45.85631
94	-10.13649	94	-11.55475	94	-12.47265	94	-14.83834	94	-19.64005	94	-21.36096
95	-9.36474	95	-10.47326	95	-10.92741	95	-12.40013	95	-15.02077	95	-15.77296
96	-8.77184	96	-9.60325	96	-9.82555	96	-10.72792	96	-12.26133	96	-12.76744
97	-8.31676	97	-8.95207	97	-9.0241	97	-9.61428	97	-10.58465	97	-10.90204
98	-7.93957	98	-8.43066	98	-8.42984	98	-8.79307	98	-9.451	98	-9.65482
99	-7.69078	99	-8.10452	99	-7.99856	99	-8.24473	99	-8.61627	99	-8.71909
100	-7.585	100	-7.84308	100	-7.62682	100	-7.83696	100	-7.99056	100	-8.00624
101	-7.74676	101	-7.81137	101	-7.49168	101	-7.59329	101	-7.49784	101	-7.49617
102	-8.03422	102	-7.8907	102	-7.51231	102	-7.42513	102	-7.12797	102	-7.09402
103	-8.51861	103	-8.19036	103	-7.72623	103	-7.49582	103	-7.03605	103	-6.95361
104	-9.27933	104	-8.70475	104	-8.11738	104	-7.74692	104	-7.19281	104	-7.05226
105	-10.19704	105	-9.391	105	-8.683	105	-8.24006	105	-7.58876	105	-7.43536
106	-11.2032	106	-10.25454	106	-9.50197	106	-8.90848	106	-8.22625	106	-8.01923
107	-12.12311	107	-11.02535	107	-10.19958	107	-9.79154	107	-9.23927	107	-8.99987
108	-12.80105	108	-11.63982	108	-11.02785	108	-10.65294	108	-10.21115	108	-9.97226
109	-13.17702	109	-12.25467	109	-11.57492	109	-11.45684	109	-11.22992	109	-10.9986
110	-13.36559	110	-12.69418	110	-11.87159	110	-11.93197	110	-12.28526	110	-12.08963
111	-13.15228	111	-12.84298	111	-11.83541	111	-11.92321	111	-12.81529	111	-12.72083



Num	Freq.	Data	Pol	Fixed Angle	BP.Value	BP.Pos	BW.Value	BW.Left	BW.Right	Gain	Gain Pos	Avg Gain	AR.Peak	AR.Center	Select Marker
1	2.4	Amp	Vertical	Phi	-1.736	138	24.108	127.457	151.565	-1.616	-47, 0	-6.912	-12.928	-	-
2	2.42	Amp	Vertical	Phi	-1.592	137	23.963	127.242	151.206	-1.592	137, 90	-6.892	-14.339	-	-
3	2.44	Amp	Vertical	Phi	-1.433	137	23.475	127.801	151.277	-1.433	137, 90	-6.741	-15.904	-	-
4	2.46	Amp	Vertical	Phi	-1.197	140	22.178	128.838	151.016	-1.197	140, 90	-6.792	-21.604	-	-
5	2.48	Amp	Vertical	Phi	-1.009	140	21.533	129.118	150.652	-1.001	19, 0	-6.839	-14.17	-	-
6	2.484	Amp	Vertical	Phi	-0.991	140	21.616	129.043	150.659	-0.991	140, 90	-6.87	-24.391	-	-

Num	1	Num	2	Num	3	Num	4	Num	5	Num	6
Freq	2.4	Freq	2.42	Freq	2.44	Freq	2.46	Freq	2.48	Freq	2.484
Data	Amp	Data	Amp	Data	Amp	Data	Amp	Data	Amp	Data	Amp
Pol	Vertical	Pol	Vertical	Pol	Vertical	Pol	Vertical	Pol	Vertical	Pol	Vertical
Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi	Fixed Angle	Phi
Val	90	Val	90	Val	90	Val	90	Val	90	Val	90

Pos	Value	Pos	Value	Pos	Value	Pos	Value	Pos	Value	Pos	Value
-180	-11.17042	-180	-11.11002	-180	-11.25073	-180	-11.82792	-180	-11.92654	-180	-11.91757
-179	-11.39527	-179	-11.18909	-179	-11.37816	-179	-12.13922	-179	-11.97588	-179	-11.93744
-178	-11.53972	-178	-11.20313	-178	-11.51706	-178	-12.37003	-178	-11.9341	-178	-11.92476
-177	-11.95723	-177	-11.49034	-177	-11.85839	-177	-12.76669	-177	-12.09265	-177	-12.02738
-176	-12.0442	-176	-11.50973	-176	-11.98964	-176	-12.87478	-176	-11.96032	-176	-11.88139
-175	-12.269	-175	-11.63822	-175	-12.2038	-175	-12.99264	-175	-11.8551	-175	-11.7938
-174	-12.04186	-174	-11.3021	-174	-11.8832	-174	-12.65976	-174	-11.43482	-174	-11.38655
-173	-11.57727	-173	-10.83741	-173	-11.3798	-173	-11.85976	-173	-10.81085	-173	-10.84355
-172	-11.19706	-172	-10.45819	-172	-10.84665	-172	-11.11464	-172	-10.1429	-172	-10.17675
-171	-10.33231	-171	-9.70382	-171	-9.9326	-171	-10.19708	-171	-9.25036	-171	-9.34211
-170	-9.89677	-170	-9.14532	-170	-9.42027	-170	-9.63472	-170	-9.14299	-170	-9.06607
-169	-9.37194	-169	-8.52159	-169	-8.69984	-169	-8.98135	-169	-8.62335	-169	-8.60289
-168	-8.85042	-168	-8.08094	-168	-8.19425	-168	-8.47792	-168	-8.2748	-168	-8.33486
-167	-8.3666	-167	-7.60105	-167	-7.69687	-167	-8.03557	-167	-7.9066	-167	-7.93282
-166	-7.90011	-166	-7.18075	-166	-7.27764	-166	-7.55633	-166	-7.57697	-166	-7.60092
-165	-7.49839	-165	-6.82001	-165	-6.9351	-165	-7.19489	-165	-7.30578	-165	-7.31774
-164	-7.02556	-164	-6.42996	-164	-6.64525	-164	-6.71303	-164	-6.85455	-164	-6.89652
-163	-6.57834	-163	-6.09264	-163	-6.35408	-163	-6.33292	-163	-6.48069	-163	-6.42331
-162	-6.12611	-162	-5.74807	-162	-5.97623	-162	-5.90593	-162	-5.91712	-162	-5.89419
-161	-5.87392	-161	-5.40838	-161	-5.62287	-161	-5.54128	-161	-5.52087	-161	-5.50848
-160	-5.5552	-160	-5.21336	-160	-5.30215	-160	-5.10398	-160	-5.14145	-160	-5.18803
-159	-5.02741	-159	-4.69443	-159	-4.804	-159	-4.54279	-159	-4.55686	-159	-4.37127
-158	-4.72001	-158	-4.36383	-158	-4.33332	-158	-4.14536	-158	-4.09436	-158	-4.24488
-157	-4.24676	-157	-3.8876	-157	-3.79382	-157	-3.57177	-157	-3.60069	-157	-3.75608
-156	-4.0013	-156	-3.58283	-156	-3.45345	-156	-3.28336	-156	-3.38518	-156	-3.50778
-155	-3.64961	-155	-3.16128	-155	-3.03533	-155	-2.91796	-155	-3.03606	-155	-3.16126
-154	-3.32189	-154	-2.78605	-154	-2.67577	-154	-2.61185	-154	-2.79434	-154	-2.94208
-153	-3.14447	-153	-2.56902	-153	-2.49569	-153	-2.51694	-153	-2.72445	-153	-2.83106
-152	-2.94122	-152	-2.34377	-152	-2.26981	-152	-2.38563	-152	-2.60506	-152	-2.73396
-151	-2.8997	-151	-2.27199	-151	-2.23469	-151	-2.40484	-151	-2.65276	-151	-2.76294
-150	-2.78249	-150	-2.14207	-150	-2.11453	-150	-2.40508	-150	-2.66648	-150	-2.78072
-149	-2.80118	-149	-2.14417	-149	-2.14751	-149	-2.47315	-149	-2.73883	-149	-2.85351
-148	-2.64956	-148	-1.99187	-148	-2.03807	-148	-2.34622	-148	-2.68936	-148	-2.85768
-147	-2.84326	-147	-2.1767	-147	-2.23279	-147	-2.66475	-147	-3.01705	-147	-3.14072
-146	-2.93991	-146	-2.27186	-146	-2.39191	-146	-2.86445	-146	-3.19211	-146	-3.35522
-145	-2.49888	-145	-2.23139	-145	-2.54484	-145	-2.45736	-145	-2.87963	-145	-3.00843
-144	-3.22359	-144	-2.29328	-144	-2.57398	-144	-3.23648	-144	-3.6602	-144	-3.74571
-143	-3.23641	-143	-2.70198	-143	-2.91297	-143	-3.42172	-143	-3.79947	-143	-3.9393
-142	-3.80265	-142	-3.37489	-142	-3.4571	-142	-4.17565	-142	-4.68396	-142	-4.84413
-141	-4.51582	-141	-3.96954	-141	-4.3368	-141	-5.00845	-141	-5.45538	-141	-5.56688
-140	-5.22648	-140	-4.83039	-140	-4.99346	-140	-5.85245	-140	-6.51794	-140	-6.80823
-139	-6.20404	-139	-5.8499	-139	-6.01215	-139	-7.02223	-139	-7.66062	-139	-7.98925
-138	-7.3542	-138	-7.028	-138	-7.7159	-138	-8.54442	-138	-9.06879	-138	-9.27741
-137	-8.63732	-137	-8.24538	-137	-8.85517	-137	-10.1887	-137	-11.07675	-137	-11.48625
-136	-10.15346	-136	-9.7859	-136	-10.89184	-136	-12.37147	-136	-13.18029	-136	-13.68216
-135	-11.68149	-135	-11.75591	-135	-13.17893	-135	-15.11133	-135	-16.41041	-135	-16.99231
-134	-13.50411	-134	-14.07653	-134	-15.99858	-134	-18.30399	-134	-21.45724	-134	-22.32276
-133	-14.27297	-133	-14.99052	-133	-18.19128	-133	-21.35557	-133	-28.10566	-133	-30.30915
-132	-14.3444	-132	-14.90104	-132	-17.90043	-132	-20.09696	-132	-23.52837	-132	-23.67111
-131	-12.87968	-131	-13.38414	-131	-15.79961	-131	-16.66693	-131	-17.94032	-131	-17.99786
-130	-11.66582	-130	-11.59785	-130	-12.98491	-130	-13.65762	-130	-14.56828	-130	-14.63998
-129	-10.24699	-129	-10.2076	-129	-11.75338	-129	-12.09523	-129	-12.66881	-129	-12.70344
-128	-8.99279	-128	-8.97323	-128	-10.21594	-128	-10.72783	-128	-11.15387	-128	-11.37538
-127	-8.03858	-127	-7.66239	-127	-8.91291	-127	-9.65801	-127	-10.24609	-127	-10.48817
-126	-7.51291	-126	-7.48136	-126	-8.35339	-126	-9.26027	-126	-9.9527	-126	-10.18602
-125	-6.8919	-125	-6.87411	-125	-7.97986	-125	-8.78711	-125	-9.48799	-125	-9.74341
-124	-6.81975	-124	-6.79115	-124	-7.71469	-124	-8.67335	-124	-9.49226	-124	-9.78823
-123	-6.99481	-123	-6.9745	-123	-7.93347	-123	-8.86275	-123	-9.79997	-123	-10.06352
-122	-7.28276	-122	-7.15628	-122	-8.09429	-122	-9.12698	-122	-10.22566	-122	-10.51095
-121	-7.89732	-121	-7.81893	-121	-8.83917	-121	-9.74013	-121	-10.92722	-121	-11.23087
-120	-8.60194	-120	-8.46636	-120	-9.52051	-120	-10.59173	-120	-11.69307	-120	-12.02589
-119	-9.64802	-119	-9.65432	-119	-10.89265	-119	-11.9128	-119	-12.75731	-119	-13.04373
-118	-10.87575	-118	-11.10008	-118	-12.71483	-118	-13.81645	-118	-13.96629	-118	-14.06524
-117	-12.53757	-117	-13.25371	-117	-15.22408	-117	-16.09381	-117	-15.02786	-117	-14.90501
-116	-14.76577	-116	-16.47841	-116	-19.20211	-116	-18.65611	-116	-15.67988	-116	-15.20866
-115	-16.97735	-115	-21.39479	-115	-25.94215	-115	-20.136	-115	-15.37466	-115	-14.71327

-114	-18.67182	-114	-25.56709	-114	-26.05433	-114	-18.86774	-114	-14.94656	-114	-14.25138
-113	-17.14093	-113	-19.49601	-113	-18.87227	-113	-16.44029	-113	-13.96169	-113	-13.4571
-112	-14.67911	-112	-15.2213	-112	-15.02201	-112	-14.19616	-112	-12.91001	-112	-12.60397
-111	-12.42547	-111	-12.31954	-111	-12.38017	-111	-12.42889	-111	-12.01763	-111	-11.81748
-110	-10.67701	-110	-10.35036	-110	-10.53874	-110	-10.94003	-110	-11.22035	-110	-11.12555
-109	-9.25708	-109	-8.83749	-109	-9.21009	-109	-9.91938	-109	-10.56079	-109	-10.58716
-108	-8.22951	-108	-7.72326	-108	-8.1153	-108	-9.12551	-108	-10.06447	-108	-10.22066
-107	-7.36137	-107	-6.88433	-107	-7.48177	-107	-8.6248	-107	-9.79793	-107	-9.9916
-106	-6.82954	-106	-6.33409	-106	-6.9706	-106	-8.2138	-106	-9.57762	-106	-9.88189
-105	-6.50543	-105	-6.0811	-105	-6.80055	-105	-8.02741	-105	-9.54551	-105	-9.85762
-104	-6.49528	-104	-6.05067	-104	-6.73852	-104	-7.96181	-104	-9.46504	-104	-9.81593
-103	-6.66623	-103	-6.18827	-103	-6.89297	-103	-8.09286	-103	-9.42229	-103	-9.73765
-102	-7.00331	-102	-6.64532	-102	-7.23767	-102	-8.30017	-102	-9.36876	-102	-9.62275
-101	-7.73281	-101	-7.42282	-101	-7.88667	-101	-8.77497	-101	-9.37515	-101	-9.51395
-100	-8.77864	-100	-8.54201	-100	-8.72118	-100	-9.23668	-100	-9.31686	-100	-9.37695
-99	-10.28003	-99	-10.04715	-99	-9.80929	-99	-9.83491	-99	-9.34121	-99	-9.26785
-98	-12.42809	-98	-12.05363	-98	-10.87309	-98	-10.38005	-98	-9.25708	-98	-9.05044
-97	-15.49756	-97	-14.58065	-97	-11.89035	-97	-10.74185	-97	-9.15605	-97	-8.90509
-96	-20.55421	-96	-17.68146	-96	-12.78636	-96	-10.95222	-96	-9.1029	-96	-8.79023
-95	-28.45845	-95	-19.41006	-95	-13.41917	-95	-11.11426	-95	-9.2524	-95	-8.95134
-94	-21.86024	-94	-17.42575	-94	-13.41707	-94	-11.09263	-94	-9.4844	-94	-9.11982
-93	-16.43771	-93	-14.70631	-93	-13.02768	-93	-11.01806	-93	-9.94893	-93	-9.67044
-92	-13.41862	-92	-12.61785	-92	-12.25206	-92	-10.91421	-92	-10.51895	-92	-10.32778
-91	-11.57421	-91	-11.17456	-91	-11.65746	-91	-10.79223	-91	-11.13638	-91	-11.138
-90	-10.53927	-90	-10.4104	-90	-11.35956	-90	-10.97968	-90	-11.81949	-90	-12.04702
-89	-9.90118	-89	-9.99746	-89	-11.24054	-89	-11.16148	-89	-12.27768	-89	-12.60441
-88	-9.68813	-88	-9.97325	-88	-11.40491	-88	-11.60938	-88	-12.63315	-88	-12.98955
-87	-9.93894	-87	-10.3299	-87	-11.59948	-87	-11.97352	-87	-12.57591	-87	-12.72753
-86	-10.49488	-86	-10.9137	-86	-11.84908	-86	-12.21576	-86	-11.94071	-86	-11.94904
-85	-11.53017	-85	-11.96397	-85	-12.10372	-85	-12.09197	-85	-10.89128	-85	-10.78006
-84	-12.98612	-84	-13.28874	-84	-12.30245	-84	-11.6305	-84	-9.81068	-84	-9.61653
-83	-15.10168	-83	-15.11088	-83	-12.52543	-83	-10.99037	-83	-8.81768	-83	-8.57487
-82	-17.88194	-82	-16.97551	-82	-12.73654	-82	-10.41492	-82	-8.07638	-82	-7.77297
-81	-19.94245	-81	-17.81025	-81	-12.49231	-81	-9.84346	-81	-7.62008	-81	-7.36519
-80	-19.90337	-80	-17.44673	-80	-12.22733	-80	-9.56992	-80	-7.55884	-80	-7.24976
-79	-17.81716	-79	-16.49409	-79	-11.89663	-79	-9.33804	-79	-7.64676	-79	-7.41816
-78	-15.65425	-78	-15.02641	-78	-11.75203	-78	-9.40775	-78	-8.00774	-78	-7.8939
-77	-13.79418	-77	-13.89324	-77	-11.67913	-77	-9.69177	-77	-8.75761	-77	-8.69595
-76	-12.3424	-76	-12.66933	-76	-11.51889	-76	-10.248	-76	-9.8649	-76	-9.86371
-75	-11.50349	-75	-12.18017	-75	-11.99059	-75	-11.30975	-75	-11.89825	-75	-12.02751
-74	-10.88361	-74	-11.58507	-74	-12.11035	-74	-12.31297	-74	-14.40558	-74	-14.7719
-73	-10.66733	-73	-11.51669	-73	-12.64936	-73	-13.64279	-73	-18.2805	-73	-19.29596
-72	-10.81229	-72	-11.75089	-72	-13.1025	-72	-14.79784	-72	-20.56362	-72	-21.90125
-71	-11.28079	-71	-12.44553	-71	-13.81125	-71	-15.29773	-71	-17.51865	-71	-17.72777
-70	-11.97988	-70	-13.39827	-70	-14.58439	-70	-15.00695	-70	-14.02903	-70	-13.89084
-69	-12.89315	-69	-14.65523	-69	-15.00186	-69	-13.70116	-69	-11.52514	-69	-11.28723
-68	-13.94085	-68	-15.96506	-68	-14.82715	-68	-12.04609	-68	-9.62672	-68	-9.41064
-67	-15.28555	-67	-16.71647	-67	-13.68542	-67	-10.4873	-67	-8.1499	-67	-7.90861
-66	-16.55958	-66	-16.31423	-66	-12.23053	-66	-9.21547	-66	-7.07304	-66	-6.8125
-65	-17.41001	-65	-15.30435	-65	-11.15439	-65	-8.27943	-65	-6.36586	-65	-6.14964
-64	-16.90638	-64	-13.78567	-64	-10.24524	-64	-7.62097	-64	-5.96529	-64	-5.79106
-63	-15.24328	-63	-12.16445	-63	-9.41617	-63	-7.35768	-63	-5.93223	-63	-5.75453
-62	-13.55622	-62	-10.92262	-62	-8.84762	-62	-7.25839	-62	-6.12446	-62	-5.98288
-61	-12.22954	-61	-9.92931	-61	-8.5583	-61	-7.39627	-61	-6.63114	-61	-6.44817
-60	-11.24077	-60	-9.23765	-60	-8.51635	-60	-7.77278	-60	-7.33648	-60	-7.02525
-59	-10.47585	-59	-8.78414	-59	-8.64431	-59	-8.19311	-59	-8.14081	-59	-8.16181
-58	-10.00137	-58	-8.86494	-58	-9.32805	-58	-9.158	-58	-9.53768	-58	-9.58683
-57	-9.72969	-57	-9.27669	-57	-10.3482	-57	-10.82459	-57	-11.61967	-57	-11.76622
-56	-9.65714	-56	-9.96969	-56	-11.97864	-56	-12.96635	-56	-14.76433	-56	-15.09633
-55	-9.70653	-55	-10.64052	-55	-13.48165	-55	-16.24603	-55	-19.67015	-55	-20.35567
-54	-10.13552	-54	-11.67958	-54	-15.62604	-54	-22.26443	-54	-33.05004	-54	-32.24525
-53	-11.04323	-53	-13.15907	-53	-18.51293	-53	-36.36706	-53	-22.57832	-53	-20.76824
-52	-12.32703	-52	-15.31535	-52	-22.0087	-52	-23.96769	-52	-16.14731	-52	-15.17956
-51	-14.11875	-51	-18.6176	-51	-23.96258	-51	-17.34904	-51	-12.56867	-51	-11.8049
-50	-16.52311	-50	-24.5899	-50	-22.27749	-50	-14.49804	-50	-10.56691	-50	-9.89968
-49	-19.99124	-49	-34.61221	-49	-17.71146	-49	-11.81975	-49	-8.77417	-49	-8.18884
-48	-26.28771	-48	-24.78624	-48	-15.22018	-48	-10.08332	-48	-7.4183	-48	-6.93594
-47	-35.5247	-47	-19.60391	-47	-13.02886	-47	-8.78312	-47	-6.47478	-47	-6.04839
-46	-24.9557	-46	-16.39845	-46	-11.63606	-46	-7.73043	-46	-5.67723	-46	-5.28239
-45	-20.05242	-45	-14.45003	-45	-10.45052	-45	-7.0128	-45	-5.1192	-45	-4.78389
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-43	-14.74596	-43	-11.6277	-43	-8.87424	-43	-6.26725	-43	-4.67916	-43	-4.48401
-42	-13.13846	-42	-10.52923	-42	-8.40822	-42	-6.1651	-42	-4.77718	-42	-4.54612
-41	-12.01177	-41	-9.84831	-41	-8.02335	-41	-6.12373	-41	-5.03513	-41	-4.90172

-40	-11.30749	-40	-9.53052	-40	-7.92527	-40	-6.30973	-40	-5.45194	-40	-5.38623
-39	-10.74093	-39	-9.22499	-39	-7.84077	-39	-6.63124	-39	-6.04736	-39	-6.04624
-38	-10.45503	-38	-9.36827	-38	-8.02368	-38	-7.12017	-38	-6.87589	-38	-6.97996
-37	-10.09469	-37	-9.3592	-37	-8.35747	-37	-7.89425	-37	-7.82757	-37	-8.00014
-36	-10.12157	-36	-9.90265	-36	-9.10715	-36	-8.94002	-36	-9.26926	-36	-9.50177
-35	-10.17864	-35	-10.36307	-35	-9.86081	-35	-10.24552	-35	-11.0467	-35	-11.3373
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-33	-11.10377	-33	-11.86265	-33	-11.85929	-33	-13.27814	-33	-15.53312	-33	-16.22043
-32	-11.96215	-32	-13.01059	-32	-13.42152	-32	-15.20017	-32	-17.76925	-32	-18.269
-31	-13.12236	-31	-14.30683	-31	-14.77244	-31	-16.70931	-31	-18.28801	-31	-18.10095
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-29	-16.31774	-29	-17.63834	-29	-16.97929	-29	-16.94027	-29	-14.98818	-29	-14.32897
-28	-18.38763	-28	-18.81189	-28	-16.98842	-28	-15.60667	-28	-13.19064	-28	-12.53118
-27	-20.38354	-27	-19.31169	-27	-16.19757	-27	-13.95979	-27	-11.60136	-27	-11.03172
-26	-21.9348	-26	-18.41919	-26	-15.24301	-26	-12.58377	-26	-10.24902	-26	-9.7612
-25	-22.07567	-25	-17.6035	-25	-14.13413	-25	-11.46549	-25	-9.26698	-25	-8.83316
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-23	-18.77619	-23	-15.5003	-23	-12.86855	-23	-10.20682	-23	-7.95571	-23	-7.58467
-22	-17.0114	-22	-14.5259	-22	-12.39887	-22	-9.91752	-22	-7.55639	-22	-7.20318
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-19	-13.69745	-19	-12.30809	-19	-11.59584	-19	-9.59649	-19	-7.11479	-19	-6.76241
-18	-13.08941	-18	-11.72025	-18	-11.41689	-18	-9.58229	-18	-7.17286	-18	-6.78601
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-16	-12.30092	-16	-11.30431	-16	-11.36244	-16	-9.69986	-16	-7.33032	-16	-6.91534
-15	-12.0271	-15	-11.39026	-15	-11.46629	-15	-9.8074	-15	-7.44087	-15	-7.02501
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-11	-10.81638	-11	-11.95819	-11	-13.20865	-11	-10.96843	-11	-8.32057	-11	-7.83088
-10	-10.50565	-10	-12.17165	-10	-13.95463	-10	-11.49145	-10	-8.61811	-10	-8.17169
-9	-10.04484	-9	-11.94415	-9	-14.59243	-9	-12.38514	-9	-9.12581	-9	-8.62232
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-5	-8.73418	-5	-11.02257	-5	-15.43821	-5	-16.86508	-5	-11.82527	-5	-11.11213
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22	-4.9372	22	-4.99822	22	-5.25678	22	-6.39015	22	-8.58334	22	-9.24568
23	-5.08998	23	-5.03541	23	-5.11518	23	-5.90672	23	-7.86964	23	-8.42488
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TEST SETUP PHOTO

