

50G12-0.85050MHz Corrected Gain

Gain-Phi	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
0.479052	4.966156	4.959772	4.953173	4.946598	4.939822	4.932207	4.925066	4.919102	4.912619	4.906564	4.900944	4.895764	4.890981	4.886199	4.881318	4.876338	4.871258	4.866078	4.860798	4.855418	4.849938	4.844358	4.838668	4.832868	4.826958	4.820938	4.814818	4.808598	4.802278	4.795858	4.789338	4.782718	4.775998	4.769178	4.762258	4.755238	4.748118	4.740998	4.733778	4.726558	4.719238	4.711918	4.704498	4.697078	4.689558	4.682038	4.674518	4.666998	4.659478	4.651958	4.644438	4.636918	4.629398	4.621878	4.614358	4.606838	4.599318	4.591798	4.584278	4.576758	4.569238	4.561718	4.554198	4.546678	4.539158	4.531638	4.524118	4.516598	4.509078	4.501558	4.494038	4.486518	4.478998	4.471478	4.463958	4.456438	4.448918	4.441398	4.433878	4.426358	4.418838	4.411318	4.403798	4.396278	4.388758	4.381238	4.373718	4.366198	4.358678	4.351158	4.343638	4.336118	4.328598	4.321078	4.313558	4.306038	4.298518	4.290998	4.283478	4.275958	4.268438	4.260918	4.253398	4.245878	4.238358	4.230838	4.223318	4.215798	4.208278	4.199998	4.191718	4.183438	4.175158	4.166878	4.158598	4.150318	4.142038	4.133758	4.125478	4.117198	4.108918	4.100638	4.092358	4.084078	4.075798	4.067518	4.059238	4.050958	4.042678	4.034398	4.026118	4.017838	4.009558	4.001278	3.992998	3.984718	3.976438	3.968158	3.959878	3.951598	3.943318	3.935038	3.926758	3.918478	3.910198	3.901918	3.893638	3.885358	3.877078	3.868798	3.860518	3.852238	3.843958	3.835678	3.827398	3.819118	3.810838	3.802558	3.794278	3.785998	3.777718	3.769438	3.761158	3.752878	3.744598	3.736318	3.728038	3.719758	3.711478	3.703198	3.694918	3.686638	3.678358	3.670078	3.661798	3.653518	3.645238	3.636958	3.628678	3.620398	3.612118	3.603838	3.595558	3.587278	3.578998	3.570718	3.562438	3.554158	3.545878	3.537598	3.529318	3.521038	3.512758	3.504478	3.496198	3.487918	3.479638	3.471358	3.463078	3.454798	3.446518	3.438238	3.429958	3.421678	3.413398	3.405118	3.396838	3.388558	3.380278	3.371998	3.363718	3.355438	3.347158	3.338878	3.330598	3.322318	3.314038	3.305758	3.297478	3.289198	3.280918	3.272638	3.264358	3.256078	3.247798	3.239518	3.231238	3.222958	3.214678	3.206398	3.198118	3.189838	3.181558	3.173278	3.164998	3.156718	3.148438	3.140158	3.131878	3.123598	3.115318	3.107038	3.098758	3.090478	3.082198	3.073918	3.065638	3.057358	3.049078	3.040798	3.032518	3.024238	3.015958	3.007678	2.999398	2.991118	2.982838	2.974558	2.966278	2.957998	2.949718	2.941438	2.933158	2.924878	2.916598	2.908318	2.899998	2.891718	2.883438	2.875158	2.866878	2.858598	2.850318	2.842038	2.833758	2.825478	2.817198	2.808918	2.800638	2.792358	2.784078	2.775798	2.767518	2.759238	2.750958	2.742678	2.734398	2.726118	2.717838	2.709558	2.701278	2.692998	2.684718	2.676438	2.668158	2.659878	2.651598	2.643318	2.635038	2.626758	2.618478	2.610198	2.601918	2.593638	2.585358	2.577078	2.568798	2.560518	2.552238	2.543958	2.535678	2.527398	2.519118	2.510838	2.502558	2.494278	2.485998	2.477718	2.469438	2.461158	2.452878	2.444598	2.436318	2.428038	2.419758	2.411478	2.403198	2.394918	2.386638	2.378358	2.370078	2.361798	2.353518	2.345238	2.336958	2.328678	2.320398	2.312118	2.303838	2.295558	2.287278	2.278998	2.270718	2.262438	2.254158	2.245878	2.237598	2.229318	2.221038	2.212758	2.204478	2.196198	2.187918	2.179638	2.171358	2.163078	2.154798	2.146518	2.138238	2.129958	2.121678	2.113398	2.105118	2.096838	2.088558	2.080278	2.071998	2.063718	2.055438	2.047158	2.038878	2.030598	2.022318	2.014038	2.005758	1.997478	1.989198	1.980918	1.972638	1.964358	1.956078	1.947798	1.939518	1.931238	1.922958	1.914678	1.906398	1.898118	1.889838	1.881558	1.873278	1.864998	1.856718	1.848438	1.840158	1.831878	1.823598	1.815318	1.807038	1.798758	1.790478	1.782198	1.773918	1.765638	1.757358	1.749078	1.740798	1.732518	1.724238	1.715958	1.707678	1.699398	1.691118	1.682838	1.674558	1.666278	1.657998	1.649718	1.641438	1.633158	1.624878	1.616598	1.608318	1.599998	1.591718	1.583438	1.575158	1.566878	1.558598	1.550318	1.542038	1.533758	1.525478	1.517198	1.508918	1.500638	1.492358	1.484078	1.475798	1.467518	1.459238	1.450958	1.442678	1.434398	1.426118	1.417838	1.409558	1.401278	1.392998	1.384718	1.376438	1.368158	1.359878	1.351598	1.343318	1.335038	1.326758	1.318478	1.310198	1.301918	1.293638	1.285358	1.277078	1.268798	1.260518	1.252238	1.243958	1.235678	1.227398	1.219118	1.210838	1.202558	1.194278	1.185998	1.177718	1.169438	1.161158	1.152878	1.144598	1.136318	1.128038	1.119758	1.111478	1.103198	1.094918	1.086638	1.078358	1.070078	1.061798	1.053518	1.045238	1.036958	1.028678	1.020398	1.012118	1.003838	0.995558	0.987278	0.978998	0.970718	0.962438	0.954158	0.945878	0.937598	0.929318	0.921038	0.912758	0.904478	0.896198	0.887918	0.879638	0.871358	0.863078	0.854798	0.846518	0.838238	0.829958	0.821678	0.813398	0.805118	0.796838	0.788558	0.780278	0.771998	0.763718	0.755438	0.747158	0.738878	0.730598	0.722318	0.714038	0.705758	0.697478	0.689198	0.680918	0.672638	0.664358	0.656078	0.647798	0.639518	0.631238	0.622958	0.614678	0.606398	0.598118	0.589838	0.581558	0.573278	0.564998	0.556718	0.548438	0.540158	0.531878	0.523598	0.515318	0.507038	0.498758	0.490478	0.482198	0.473918	0.465638	0.457358	0.449078	0.440798	0.432518	0.424238	0.415958	0.407678	0.399398	0.391118	0.382838	0.374558	0.366278	0.357998	0.349718	0.341438	0.333158	0.324878	0.316598	0.308318	0.299998	0.291718	0.283438	0.275158	0.266878	0.258598	0.250318	0.242038	0.233758	0.225478	0.217198	0.208918	0.200638	0.192358	0.184078	0.175798	0.167518	0.159238	0.150958	0.142678	0.134398	0.126118	0.117838	0.109558	0.101278	0.092998	0.084718	0.076438	0.068158	0.059878	0.051598	0.043318	0.035038	0.026758	0.018478	0.010198	0.001918	-0.006398	-0.014678	-0.022958	-0.031238	-0.039558	-0.047838	-0.056118	-0.064398	-0.072678	-0.080958	-0.089238	-0.097518	-0.105798	-0.114078	-0.122358	-0.130638	-0.138918	-0.147198	-0.155478	-0.163758	-0.172038	-0.180318	-0.188598	-0.196878	-0.205158	-0.213438	-0.221718	-0.229998	-0.238278	-0.246558	-0.254838	-0.263118	-0.271398	-0.279678	-0.287958	-0.296238	-0.304518	-0.312798	-0.321078	-0.329358	-0.337638	-0.345918	-0.354198	-0.362478	-0.370758	-0.379038	-0.387318	-0.395598	-0.403878	-0.412158	-0.420438	-0.428718	-0.436998	-0.445278	-0.453558	-0.461838	-0.470118	-0.478398	-0.486678	-0.494958	-0.503238	-0.511518	-0.519798	-0.528078	-0.536358	-0.544638	-0.552918	-0.561198	-0.569478	-0.577758	-0.586038	-0.594318	-0.602598	-0.610878	-0.619158	-0.627438	-0.635718	-0.643998	-0.652278	-0.660558	-0.668838	-0.677118	-0.685398	-0.693678	-0.701958	-0.710238	-0.718518	-0.726798	-0.735078	-0.743358	-0.751638	-0.759918	-0.768198	-0.776478	-0.784758	-0.793038	-0.801318	-0.809598	-0.817878	-0.826158	-0.834438	-0.842718	-0.850998	-0.859278	-0.867558	-0.875838	-0.884118	-0.892398	-0.900678	-0.908958	-0.917238	-0.925518	-0.933798	-0.942078	-0.950358	-0.958638	-0.966918	-0.975198	-0.983478	-0.991758	-0.999998	-1.008278	-1.016558	-1.024838	-1.033118	-1.041398	-1.049678	-1.057958	-1.066238	-1.074518	-1.082798	-1.091078	-1.099358	-1.107638	-1.115918	-1.124198	-1.132478	-1.140758	-1.149038	-1.157318	-1.165598	-1.173878	-1.182158	-1.190438	-1.198718	-1.206998	-1.215278	-1.223558	-1.231838	-1.240118	-1.248398	-1.256678	-1.264958	-1.273238	-1.281518	-1.289798	-1.298078	-1.306358	-1.314638	-1.322918	-1.331198	-1.339478	-1.347758	-1.356038	-1.364318	-1.372598	-1.380878	-1.389158	-1.397438	-1.405718	-1.413998	-1.422278	-1.430558	-1.438838	-1.447118	-1.455398	-1.463678	-1.471958	-1.480238	-1.488518	-1.496798	-1.505078	-1.513358	-1.521638	-1.529918	-1.538198	-1.546478	-1.554758	-1.563038	-1.571318	-1.579598	-1.587878	-1.596158	-1.604438	-1.612718	-1.620998	-1.629278	-1.637558	-1.645838	-1.654118	-1.662398	-1.670678	-1.678958	-1.687238	-1.695518	-1.703798	-1.712078	-1.720358	-1.728638	-1.736918	-1.745198	-1.753478	-1.761758	-1.769998	-1.778278	-1.786558	-1.794838	-1.803118	-1.811398	-1.819678	-1.827958	-1.836238	-1.844518	-1.852798	-1.861078	-1.869358	-1.877638	-1.885918	-1.894198	-1.902478	-1.910758	-1.919038	-1.927318	-1.935598	-1.943878	-1.952158	-1.960438	-1.968718	-1.976998	-1.985278	-1.993558	-2.001838	-2.010118	-2.018398	-2.026678	-2.034958	-2.043238	-2.051518	-2.059798	-2.068078	-2.076358	-2.084638	-2.092918	-2.101198	-2.109478	-2.117758	-2.126038	-2.134318	-2.142598	-2.150878	-2.159158	-2.167438	-2.175718	-2.183998	-2.192278	-2.200558	-2.208838	-2.217118	-2.225398	-2.233678	-2.241958	-2.250238	-2.258518	-2.266798	-2.275078	-2.283358	-2.291638	-2.300000

70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140																																																																																																																																																																															
498964	498965	498966	498967	498968	498969	498970	498971	498972	498973	498974	498975	498976	498977	498978	498979	498980	498981	498982	498983	498984	498985	498986	498987	498988	498989	498990	498991	498992	498993	498994	498995	498996	498997	498998	498999	499000	499001	499002	499003	499004	499005	499006	499007	499008	499009	499010	499011	499012	499013	499014	499015	499016	499017	499018	499019	499020	499021	499022	499023	499024	499025	499026	499027	499028	499029	499030	499031	499032	499033	499034	499035	499036	499037	499038	499039	499040																																																																																																																																																																									
499399	499401	499412	499424	499436	499449	499462	499475	499488	499501	499514	499527	499540	499553	499566	499579	499592	499605	499618	499631	499644	499657	499670	499683	499696	499709	499722	499735	499748	499761	499774	499787	499800	499813	499826	499839	499852	499865	499878	499891	499904	499917	499930	499943	499956	499969	499982	499995	500008	500021	500034	500047	500060	500073	500086	500099	500112	500125	500138	500151	500164	500177	500190	500203	500216	500229	500242	500255	500268	500281	500294	500307	500320	500333	500346	500359	500372	500385	500398	500411	500424	500437	500450	500463	500476	500489	500502	500515	500528	500541	500554	500567	500580	500593	500606	500619	500632	500645	500658	500671	500684	500697	500710	500723	500736	500749	500762	500775	500788	500801	500814	500827	500839	500852	500865	500878	500891	500904	500917	500930	500943	500956	500969	500982	500995	501008	501021	501034	501047	501060	501073	501086	501099	501112	501125	501138	501151	501164	501177	501190	501203	501216	501229	501242	501255	501268	501281	501294	501307	501320	501333	501346	501359	501372	501385	501398	501411	501424	501437	501450	501463	501476	501489	501502	501515	501528	501541	501554	501567	501580	501593	501606	501619	501632	501645	501658	501671	501684	501697	501710	501723	501736	501749	501762	501775	501788	501801	501814	501827	501839	501852	501865	501878	501891	501904	501917	501930	501943	501956	501969	501982	501995	502008	502021	502034	502047	502060	502073	502086	502099	502112	502125	502138	502151	502164	502177	502190	502203	502216	502229	502242	502255	502268	502281	502294	502307	502320	502333	502346	502359	502372	502385	502398	502411	502424	502437	502450	502463	502476	502489	502502	502515	502528	502541	502554	50

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492904	492905	492906	492907	492908	492909	492910	492911	492912	492913	492914	492915	492916	492917	492918	492919	492920	492921	492922	492923	492924	492925	492926	492927	492928	492929	492930	492931	492932	492933	492934	492935	492936	492937	492938	492939	492940	492941	492942	492943	492944	492945	492946	492947	492948	492949	492950	492951	492952	492953	492954	492955	492956	492957	492958	492959	492960	492961	492962	492963	492964	492965	492966	492967	492968	492969	492970	492971	492972	492973	492974	492975	492976	492977	492978	492979	492980	492981	492982	492983	492984	492985	492986	492987	492988	492989	492990	492991	492992	492993	492994	492995	492996	492997	492998	492999	493000				
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515815	515816	515817	515818	515819	515820	515821	515822	515823	515824	515825	515826	515827	515828	515829	515830	515831	515832	515833	515834	515835	515836	515837	515838	515839	515840	515841	515842	515843	515844	515845	515846	515847	515848	515849	515850	515851	515852	515853	515854	515855	515856	515857	515858	515859	515860	515861	515862	515863	515864	515865	515866	515867	515868	515869	515870	515871	515872	515873	515874	515875	515876	515877	515878	515879	515880	515881	515882	515883	515884	515885	515886	515887	515888	515889	515890	515891	515892	515893	515894	515895	515896	515897	515898	515899	515900															
526202	526203	526204	526205	526206	526207	526208	526209	526210	526211	526212	526213	526214	526215	526216	526217	526218	526219	526220	526221	526222	526223	526224	526225	526226	526227	526228	526229	526230	526231	526232	526233	526234	526235	526236																																																																		

[illegible]

286	285	284	283	282	281	280	279	278	277	276	275	274	273	272	271	270	269	268	267	266	265	264	263	262	261	260	259	258	257	256	255	254	253	252	251	250	249	248	247	246	245	244	243	242	241	240	239	238	237	236	235	234	233	232	231	230	229	228	227	226	225	224	223	222	221	220	219	218	217	216	215	214	213	212	211	210	209	208	207	206	205	204	203	202	201	200	199	198	197	196	195	194	193	192	191	190	189	188	187	186	185	184	183	182	181	180	179	178	177	176	175	174	173	172	171	170	169	168	167	166	165	164	163	162	161	160	159	158	157	156	155	154	153	152	151	150	149	148	147	146	145	144	143	142	141	140	139	138	137	136	135	134	133	132	131	130	129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
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354	355	356	357	358	359	360	Max Per Line	5850MHz Max Gain-T	7.296096
4.957883	4.96111	4.964312	4.967499	4.970642	4.97377	4.976873	4.979704		
5.002179	5.00678	5.011367	5.015941	5.0205	5.025045	5.029577	5.033957		
5.044027	5.0499	5.055764	5.061618	5.067461	5.073295	5.079119	5.079119		
5.063468	5.069522	5.07563	5.104593	5.11161	5.118615	5.125609	5.132521		
5.129335	5.129683	5.130812	5.144822	5.152012	5.161083	5.169134	5.207719		
5.155245	5.164409	5.173542	5.182643	5.191714	5.200753	5.209762	5.274541		
5.187601	5.197708	5.207708	5.217761	5.227746	5.237868	5.247939	5.333028		
5.217893	5.228575	5.23949	5.250339	5.261121	5.271838	5.282491	5.393869		
5.245196	5.256988	5.268692	5.280305	5.291831	5.30327	5.314623	5.44666		
5.270366	5.282088	5.293836	5.305649	5.31885	5.331389	5.343918	5.469529		
5.293041	5.306276	5.319367	5.332317	5.345127	5.357799	5.370334	5.541643		
5.313136	5.327008	5.340705	5.354232	5.367589	5.380778	5.393803	5.584026		
5.330539	5.344904	5.359242	5.373267	5.38713	5.400776	5.414227	5.623263		
5.34511	5.360093	5.374836	5.389341	5.403613	5.417654	5.431467	5.659505		
5.359663	5.372121	5.387303	5.402212	5.416852	5.431227	5.445341	5.692877		
5.364866	5.380845	5.396408	5.411662	5.426611	5.441238	5.455608	5.723478		
5.425157	5.438314	5.45381	5.469011	5.483922	5.498549	5.512895	5.684937		
5.476251	5.493886	5.509231	5.524292	5.539074	5.553584	5.567826	5.713139		
5.532265	5.547665	5.562782	5.577621	5.592189	5.606492	5.620536	5.744169		
5.584652	5.599748	5.614562	5.629103	5.643376	5.657389	5.671147	5.772141		
5.634945	5.650222	5.664663	5.678833	5.692738	5.706378	5.719769	5.797185		
5.684869	5.699161	5.713169	5.726899	5.740359	5.753556	5.766497	5.819333		
5.732845	5.746646	5.760154	5.773379	5.786327	5.799006	5.811424	5.838584		
5.779486	5.792739	5.805496	5.818346	5.830718	5.842807	5.854628	5.864902		
5.824852	5.837504	5.849639	5.861866	5.873594	5.88503	5.896182	5.954472		
5.868988	5.880996	5.892661	5.904001	5.915024	5.925739	5.936153	5.954243		
5.911975	5.923559	5.93421	5.944605	5.954584	5.964093	5.974001	6.032457		
5.953829	5.964371	5.974536	5.984331	5.993765	6.002846	6.01158	6.107797		
5.99405	6.004348	6.013885	6.022625	6.031176	6.039346	6.047138	6.18077		
6.034344	6.04324	6.051	6.059132	6.067342	6.074537	6.081323	6.253131		
6.073082	6.081087	6.088621	6.095691	6.102202	6.108461	6.114173	6.319744		
6.092167	6.099005	6.105515	6.109703	6.113572	6.118125	6.122367	6.398911		
6.110763	6.11447	6.117963	6.121245	6.12432	6.127189	6.129833	6.256969		
6.128893	6.130503	6.131985	6.133338	6.134565	6.135668	6.136646	6.223551		
6.146576	6.146125	6.145598	6.144988	6.144325	6.143578	6.142755	6.303773		
6.16383	6.161351	6.158822	6.156243	6.153613	6.150933	6.148202	6.414187		
6.180673	6.1782	6.174762	6.170787	6.165444	6.157744	6.152986	6.520628		
6.197119	6.196867	6.194162	6.177544	6.17083	6.164022	6.157119	6.621977		
6.213181	6.204824	6.196306	6.187626	6.178783	6.169777	6.160606	6.718507		
6.228875	6.218627	6.208117	6.197346	6.186332	6.175014	6.163544	6.811017		
6.244212	6.232106	6.219607	6.206714	6.193426	6.179744	6.165664	6.899801		
6.259204	6.245274	6.230786	6.21574	6.200136	6.183969	6.16724	6.985198		
6.273863	6.259141	6.244663	6.229434	6.203446	6.187097	6.169182	7.087494		
6.288197	6.270718	6.252254	6.233805	6.212365	6.190929	6.16849	7.146937		
6.302217	6.283013	6.262561	6.240859	6.217899	6.193671	6.16816	7.223743		
6.315931	6.295236	6.272736	6.248604	6.223523	6.196922	6.167192	7.289896		
6.278053	6.264595	6.24973	6.233465	6.215802	6.196735	6.176257	7.208271		
6.239332	6.223411	6.206191	6.217689	6.207915	6.196876	6.184673	7.116334		
6.199747	6.201469	6.20197	6.201273	6.199388	6.196359	6.192188	7.022217		
6.159827	6.168754	6.177706	6.184218	6.190257	6.195199	6.199002	6.925681		
6.117875	6.125246	6.131449	6.136521	6.140497	6.143946	6.146527	6.826716		
6.075531	6.100927	6.125126	6.148177	6.17012	6.190993	6.21083	6.725143		
6.03221	6.065775	6.098081	6.129182	6.159129	6.187967	6.215737	6.620806		
5.987878	6.029788	6.070297	6.10953	6.147529	6.184537	6.220015	6.529743		
5.942493	5.99288	6.04176	6.089212	6.135307	6.180108	6.223676	6.494188		
5.896023	5.950586	6.012455	6.068223	6.122475	6.175288	6.226732	6.475972		
5.848423	5.916357	5.985261	6.046551	6.109208	6.168739	6.225196	6.458223		
5.799649	5.876661	5.951461	6.024185	6.094957	6.163886	6.231075	6.434861		
5.749652	5.835966	5.919733	6.001115	6.080264	6.157311	6.23238	6.411788		
5.698579	5.794236	5.887152	5.977327	6.064941	6.150156	6.233117	6.386894		
5.645771	5.751432	5.853694	5.952805	6.048982	6.14242	6.233293	6.360054		
5.592216	5.692401	5.789502	5.873885	5.955145	6.034058	6.110451	6.308971		
5.537364	5.612064	5.70387	5.792979	5.879567	5.963791	6.045795	6.240102		
5.451334	5.540367	5.626737	5.710618	5.79217	5.871532	5.948836	6.177356		
5.364018	5.467251	5.548036	5.635529	5.700871	5.77719	5.848601	6.112646		
5.315354	5.392652	5.467698	5.540632	5.611583	5.680663	5.747978	6.058628		
5.245287	5.316503	5.385466	5.452844	5.518209	5.581845	5.643846	6.026148		
5.171746	5.23873	5.3018	5.363072	5.422847	5.480262	5.537719	5.998981		
5.100667	5.159256	5.216073	5.271219	5.324788	5.376863	5.427522	5.963948		
5.029867	5.077995	5.126388	5.177179	5.22651	5.27444	5.320366	5.930222		
4.949565	4.994856	5.038585	5.080336	5.121686	5.161304	5.199453	5.895399		
4.871369	4.909738	4.944612	4.982067	5.016174	5.048995	5.080587	5.859467		
4.791283	4.822333	4.851326	4.880734	4.908528	4.935839	4.962444	5.82241		
4.709193	4.73312	4.755597	4.77669	4.796456	4.814946	4.832204	5.785		
4.624865	4.641368	4.656277	4.669771	4.6819	4.692708	4.702231	5.747346		
4.538524	4.547134	4.554208	4.559799	4.563940	4.566683	4.568061	5.70911		
4.402022	4.407691	4.411919	4.414746	4.416308	4.416332	4.41514	5.597478		
4.267715	4.263297	4.264527	4.264438	4.263056	4.2604	4.256485	5.483459		
4.114225	4.113562	4.111832	4.10846	4.104963	4.098453	4.091838	5.368862		
3.962121	3.958043	3.952778	3.946341	3.938743	3.929988	3.920078	5.247694		
3.803914	3.796238	3.787488	3.777549	3.766545	3.754436	3.741213	5.125126		
3.639043	3.62757	3.615046	3.60147	3.586838	3.571142	3.55437	5.001834		
3.466857	3.451373	3.434889	3.4174	3.398893	3.379355	3.358768	4.875546		
3.286586	3.268866	3.246177	3.224516	3.203863	3.1782	3.155502	4.747024		
3.097359	3.073132	3.047969	3.021852	2.994754	2.966651	2.937512	4.616346		
2.89807	2.869071	2.839143	2.808257	2.776384	2.74349	2.70954	4.484002		
2.681742	2.653355	2.615341	2.582345	2.543533	2.507336	2.4648079	4.348465		
2.46379	2.42434	2.383894	2.342413	2.298951	2.256161	2.211289	4.210542		
2.225128	2.179955	2.133706	2.086331	2.037777	1.987985	1.936894	4.06627		
1.967759	1.917519	1.865074	1.811369	1.756398	1.699907	1.642007	3.916124		
1.69109	1.633437	1.574402	1.51391	1.451883	1.388235	1.322871	3.759492		
1.570535	1.515854	1.458961	1.400389	1.340664	1.283359	1.221335	3.603897		
1.446429	1.394925	1.342172	1.288108	1.232666	1.175772	1.117347	3.514415		
1.31855	1.270454	1.221158	1.170607	1.11874	1.06549	1.010784	3.385745		
1.188655	1.142219	1.096862	1.049808	1.001727	0.952318	0.901516	3.252548		
1.050475	1.009983	0.968346	0.925519	0.881455	0.8361	0.789398	3.114433		
0.909712	0.873482	0.83861	0.797531	0.757734	0.716666	0.674279	2.970947		
0.764038	0.732424	0.699824	0.666613	0.63308	0.598333	0.56269	2.821554		
0.613085	0.586487	0.558635	0.529516	0.49911	0.467398	0.434352	2.66562		
0.45644	0.435313	0.4141819	0.389961	0.363739	0.337144	0.309166	2.502369		
0.29564	0.2785	0.261828	0.243644	0.223975	0.202831	0.180217	2.333839		
0.124159	0.115598	0.105268	0.093227	0.079524	0.064195	0.047268	2.148905		
-0.0526	-0.0539	-0.05729	-0.06267	-0.06994	-0.07955	-0.08994	1.957636		
-0.23732	-0.23057	-0.22633	-0.22446	-0.22479	-0.22724	-0.23169	1.752061		
-0.4308	-0.41506	-0.40242	-0.39261	-0.38543	-0.38071	-0.37829	1.529481		
-0.63395	-0.60814	-0.58617	-0.56767	-0.55231	-0.53986	-0.53011	1.294641		
-0.75225	-0.72692	-0.70503	-0.68626	-0.67035	-0.65709	-0.64631	1.14		

5G-Ant5-8-5850MHz Uncorrected Gain

0	-0.9999	-0.9909	-0.9879	-0.9939	-1.0004	-1.0077	-1.0139	-1.0207	-1.0274	-1.0341	-1.0407	-1.0475	-1.0542	-1.0612	-1.0686	-1.0749	-1.0803	-1.0867	-1.0934	-1.0991	-1.1058	-1.1116	-1.1175	-1.1238	-1.1307	-1.1369	-1.1425	-1.1487	-1.1551	-1.1612	-1.1675	-1.1735	-1.1798	-1.1861	-1.1924	-1.1987	-1.2049	-1.2112	-1.2174	-1.2237	-1.2300	-1.2362	-1.2425	-1.2487	-1.2550	-1.2612	-1.2675	-1.2737	-1.2800	-1.2862	-1.2925	-1.2987	-1.3050	-1.3112	-1.3175	-1.3237	-1.3300	-1.3362	-1.3425	-1.3487	-1.3550	-1.3612	-1.3675	-1.3737	-1.3800	-1.3862	-1.3925	-1.3987	-1.4050	-1.4112	-1.4175	-1.4237	-1.4300	-1.4362	-1.4425	-1.4487	-1.4550	-1.4612	-1.4675	-1.4737	-1.4800	-1.4862	-1.4925	-1.4987	-1.5050	-1.5112	-1.5175	-1.5237	-1.5300	-1.5362	-1.5425	-1.5487	-1.5550	-1.5612	-1.5675	-1.5737	-1.5800	-1.5862	-1.5925	-1.5987	-1.6050	-1.6112	-1.6175	-1.6237	-1.6300	-1.6362	-1.6425	-1.6487	-1.6550	-1.6612	-1.6675	-1.6737	-1.6800	-1.6862	-1.6925	-1.6987	-1.7050	-1.7112	-1.7175	-1.7237	-1.7300	-1.7362	-1.7425	-1.7487	-1.7550	-1.7612	-1.7675	-1.7737	-1.7800	-1.7862	-1.7925	-1.7987	-1.8050	-1.8112	-1.8175	-1.8237	-1.8300	-1.8362	-1.8425	-1.8487	-1.8550	-1.8612	-1.8675	-1.8737	-1.8800	-1.8862	-1.8925	-1.8987	-1.9050	-1.9112	-1.9175	-1.9237	-1.9300	-1.9362	-1.9425	-1.9487	-1.9550	-1.9612	-1.9675	-1.9737	-1.9800	-1.9862	-1.9925	-1.9987	-2.0050	-2.0112	-2.0175	-2.0237	-2.0300	-2.0362	-2.0425	-2.0487	-2.0550	-2.0612	-2.0675	-2.0737	-2.0800	-2.0862	-2.0925	-2.0987	-2.1050	-2.1112	-2.1175	-2.1237	-2.1300	-2.1362	-2.1425	-2.1487	-2.1550	-2.1612	-2.1675	-2.1737	-2.1800	-2.1862	-2.1925	-2.1987	-2.2050	-2.2112	-2.2175	-2.2237	-2.2300	-2.2362	-2.2425	-2.2487	-2.2550	-2.2612	-2.2675	-2.2737	-2.2800	-2.2862	-2.2925	-2.2987	-2.3050	-2.3112	-2.3175	-2.3237	-2.3300	-2.3362	-2.3425	-2.3487	-2.3550	-2.3612	-2.3675	-2.3737	-2.3800	-2.3862	-2.3925	-2.3987	-2.4050	-2.4112	-2.4175	-2.4237	-2.4300	-2.4362	-2.4425	-2.4487	-2.4550	-2.4612	-2.4675	-2.4737	-2.4800	-2.4862	-2.4925	-2.4987	-2.5050	-2.5112	-2.5175	-2.5237	-2.5300	-2.5362	-2.5425	-2.5487	-2.5550	-2.5612	-2.5675	-2.5737	-2.5800	-2.5862	-2.5925	-2.5987	-2.6050	-2.6112	-2.6175	-2.6237	-2.6300	-2.6362	-2.6425	-2.6487	-2.6550	-2.6612	-2.6675	-2.6737	-2.6800	-2.6862	-2.6925	-2.6987	-2.7050	-2.7112	-2.7175	-2.7237	-2.7300	-2.7362	-2.7425	-2.7487	-2.7550	-2.7612	-2.7675	-2.7737	-2.7800	-2.7862	-2.7925	-2.7987	-2.8050	-2.8112	-2.8175	-2.8237	-2.8300	-2.8362	-2.8425	-2.8487	-2.8550	-2.8612	-2.8675	-2.8737	-2.8800	-2.8862	-2.8925	-2.8987	-2.9050	-2.9112	-2.9175	-2.9237	-2.9300	-2.9362	-2.9425	-2.9487	-2.9550	-2.9612	-2.9675	-2.9737	-2.9800	-2.9862	-2.9925	-2.9987	-3.0050	-3.0112	-3.0175	-3.0237	-3.0300	-3.0362	-3.0425	-3.0487	-3.0550	-3.0612	-3.0675	-3.0737	-3.0800	-3.0862	-3.0925	-3.0987	-3.1050	-3.1112	-3.1175	-3.1237	-3.1300	-3.1362	-3.1425	-3.1487	-3.1550	-3.1612	-3.1675	-3.1737	-3.1800	-3.1862	-3.1925	-3.1987	-3.2050	-3.2112	-3.2175	-3.2237	-3.2300	-3.2362	-3.2425	-3.2487	-3.2550	-3.2612	-3.2675	-3.2737	-3.2800	-3.2862	-3.2925	-3.2987	-3.3050	-3.3112	-3.3175	-3.3237	-3.3300	-3.3362	-3.3425	-3.3487	-3.3550	-3.3612	-3.3675	-3.3737	-3.3800	-3.3862	-3.3925	-3.3987	-3.4050	-3.4112	-3.4175	-3.4237	-3.4300	-3.4362	-3.4425	-3.4487	-3.4550	-3.4612	-3.4675	-3.4737	-3.4800	-3.4862	-3.4925	-3.4987	-3.5050	-3.5112	-3.5175	-3.5237	-3.5300	-3.5362	-3.5425	-3.5487	-3.5550	-3.5612	-3.5675	-3.5737	-3.5800	-3.5862	-3.5925	-3.5987	-3.6050	-3.6112	-3.6175	-3.6237	-3.6300	-3.6362	-3.6425	-3.6487	-3.6550	-3.6612	-3.6675	-3.6737	-3.6800	-3.6862	-3.6925	-3.6987	-3.7050	-3.7112	-3.7175	-3.7237	-3.7300	-3.7362	-3.7425	-3.7487	-3.7550	-3.7612	-3.7675	-3.7737	-3.7800	-3.7862	-3.7925	-3.7987	-3.8050	-3.8112	-3.8175	-3.8237	-3.8300	-3.8362	-3.8425	-3.8487	-3.8550	-3.8612	-3.8675	-3.8737	-3.8800	-3.8862	-3.8925	-3.8987	-3.9050	-3.9112	-3.9175	-3.9237	-3.9300	-3.9362	-3.9425	-3.9487	-3.9550	-3.9612	-3.9675	-3.9737	-3.9800	-3.9862	-3.9925	-3.9987	-4.0050	-4.0112	-4.0175	-4.0237	-4.0300	-4.0362	-4.0425	-4.0487	-4.0550	-4.0612	-4.0675	-4.0737	-4.0800	-4.0862	-4.0925	-4.0987	-4.1050	-4.1112	-4.1175	-4.1237	-4.1300	-4.1362	-4.1425	-4.1487	-4.1550	-4.1612	-4.1675	-4.1737	-4.1800	-4.1862	-4.1925	-4.1987	-4.2050	-4.2112	-4.2175	-4.2237	-4.2300	-4.2362	-4.2425	-4.2487	-4.2550	-4.2612	-4.2675	-4.2737	-4.2800	-4.2862	-4.2925	-4.2987	-4.3050	-4.3112	-4.3175	-4.3237	-4.3300	-4.3362	-4.3425	-4.3487	-4.3550	-4.3612	-4.3675	-4.3737	-4.3800	-4.3862	-4.3925	-4.3987	-4.4050	-4.4112	-4.4175	-4.4237	-4.4300	-4.4362	-4.4425	-4.4487	-4.4550	-4.4612	-4.4675	-4.4737	-4.4800	-4.4862	-4.4925	-4.4987	-4.5050	-4.5112	-4.5175	-4.5237	-4.5300	-4.5362	-4.5425	-4.5487	-4.5550	-4.5612	-4.5675	-4.5737	-4.5800	-4.5862	-4.5925	-4.5987	-4.6050	-4.6112	-4.6175	-4.6237	-4.6300	-4.6362	-4.6425	-4.6487	-4.6550	-4.6612	-4.6675	-4.6737	-4.6800	-4.6862	-4.6925	-4.6987	-4.7050	-4.7112	-4.7175	-4.7237	-4.7300	-4.7362	-4.7425	-4.7487	-4.7550	-4.7612	-4.7675	-4.7737	-4.7800	-4.7862	-4.7925	-4.7987	-4.8050	-4.8112	-4.8175	-4.8237	-4.8300	-4.8362	-4.8425	-4.8487	-4.8550	-4.8612	-4.8675	-4.8737	-4.8800	-4.8862	-4.8925	-4.8987	-4.9050	-4.9112	-4.9175	-4.9237	-4.9300	-4.9362	-4.9425	-4.9487	-4.9550	-4.9612	-4.9675	-4.9737	-4.9800	-4.9862	-4.9925	-4.9987	-5.0050	-5.0112	-5.0175	-5.0237	-5.0300	-5.0362	-5.0425	-5.0487	-5.0550	-5.0612	-5.0675	-5.0737	-5.0800	-5.0862	-5.0925	-5.0987	-5.1050	-5.1112	-5.1175	-5.1237	-5.1300	-5.1362	-5.1425	-5.1487	-5.1550	-5.1612	-5.1675	-5.1737	-5.1800	-5.1862	-5.1925	-5.1987	-5.2050	-5.2112	-5.2175	-5.2237	-5.2300	-5.2362	-5.2425	-5.2487	-5.2550	-5.2612	-5.2675	-5.2737	-5.2800	-5.2862	-5.2925	-5.2987	-5.3050	-5.3112	-5.3175	-5.3237	-5.3300	-5.3362	-5.3425	-5.3487	-5.3550	-5.3612	-5.3675	-5.3737	-5.3800	-5.3862	-5.3925	-5.3987	-5.4050	-5.4112	-5.4175	-5.4237	-5.4300	-5.4362	-5.4425	-5.4487	-5.4550	-5.4612	-5.4675	-5.4737	-5.4800	-5.4862	-5.4925	-5.4987	-5.5050	-5.5112	-5.5175	-5.5237	-5.5300	-5.5362	-5.5425	-5.5487	-5.5550	-5.5612	-5.5675	-5.5737	-5.5800	-5.5862	-5.5925	-5.5987	-5.6050	-5.6112	-5.6175	-5.6237	-5.6300	-5.6362	-5.6425	-5.6487	-5.6550	-5.6612	-5.6675	-5.6737	-5.6800	-5.6862	-5.6925	-5.6987	-5.7050	-5.7112	-5.7175	-5.7237	-5.7300	-5.7362	-5.7425	-5.7487	-5.7550	-5.7612	-5.7675	-5.7737	-5.7800	-5.7862	-5.7925	-5.7987	-5.8050	-5.8112	-5.8175	-5.8237	-5.8300	-5.8362	-5.8425	-5.8487	-5.8550	-5.8612	-5.8675	-5.8737	-5.8800	-5.8862	-5.8925	-5.8987	-5.9050	-5.9112	-5.9175	-5.9237	-5.9300	-5.9362	-5.9425	-5.9487	-5.9550	-5.9612	-5.9675	-5.9737	-5.9800	-5.9862	-5.9925	-5.9987	-6.0050	-6.0112	-6.0175	-6.0237	-6.0300	-6.0362	-6.0425	-6.0487	-6.0550	-6.0612	-6.0675	-6.0737	-6.0800	-6.0862	-6.0925	-6.0987	-6.1050	-6.1112	-6.1175	-6.1237	-6.1300	-6.1362	-6.1425	-6.1487	-6.1550	-6.1612	-6.1675	-6.1737	-6.1800	-6.1862	-6.1925	-6.1987	-6.2050	-6.2112	-6.2175	-6.2237	-6.2300	-6.2362	-6.2425	-6.2487	-6.2550	-6.2612	-6.2675	-6.2737	-6.2800	-6.2862	-6.2925	-6.2987	-6.3050	-6.3112	-6.3175	-6.3237	-6.3300	-6.3362	-6.3425	-6.3487	-6.3550	-6.3612	-6.3675	-6.3737	-6.3800	-6.3862	-6.3925	-6.3987	-6.4050	-6.4112	-6.4175	-6.4237	-6.4300	-6.4362	-6.4425	-6.4487	-6.4550	-6.4612	-6.4675	-6.4737	-6.4800	-6.4862	-6.4925	-6.4987	-6.5050	-6.5112	-6.5175	-6.5237	-6.5300	-6.5362	-6.5425	-6.5487	-6.5550	-6.5612	-6.5675	-6.5737	-6.5800	-6.5862	-6.5925	-6.5987	-6.6050	-6.6112	-6.6175	-6.6237	-6.6300	-6.6362	-6.6425	-6.6487	-6.6550	-6.6612	-6.6675	-6.6737	-6.6800	-6.6862	-6.6925	-6.6987	-6.7050	-6.7112	-6.7175	-6.7237	-6.7300	-6.7362	-6.7425	-6.7487	-6.7550	-6.7612	-6.7675	-6.7737	-6.7800	-6.7862	-6.7925	-6.7987	-6.8050	-6.8112	-6.8175	-6.8237	-6.8300	-6.8362	-6.8425	-6.8487	-6.8550	-6.8612	-6.8675	-6.8737	-6.8800	-6.8862	-6.8925	-6.8987	-6.9050	-6.9112	-6.9175	-6.9237	-6.9300	-6.9362	-6.9425	-6.9487	-6.9550	-6.9612	-6.9675	-6.9737	-6.9800	-6.9862	-6.9925	-6.9987	-7.0050	-7.0112	-7.0175	-7.0237	-7.0300	-7.0362	-7.0425	-7.0487	-7.0550	-7.0612	-7.0675	-7.0737	-7.0800	-7.0862	-7.0925	-7.0987	-7.1050	-7.1112	-7.1175	-7.1237	-7.1300	-7.1362	-7.1425	-7.1487	-7.1550	-7.1612	-7.1675	-7.1737	-7.1800	-7.1862	-7.1925	-7.1987	-7.2050	-7.2112	-7.2175	-7.2237	-7.2300	-7.2362	-7.2425	-7.2487	-7.2550	-7.2612	-7.2675	-7.2737	-7.2800	-7.2862	-7.2925	-7.2987	-7.3050	-7.3112	-7.3175	-7.3237	-7.3300	-7.3362	-7.3425	-7.3487	-7.3550	-7.3612	-7.3675	-7.3737	-7.3800	-7.3862	-7.3925	-7.3987	-7.4050	-7.4112	-7.4175	-7.4237	-7.4300	-7.4362	-7.4425	-7.4487	-7.4550	-7.4612	-7.4675	-7.4737	-7.4800	-7.4862	-7.4925	-7.4987	-7.5050	-7.5112	-7.5175	-7.5237	-7.5300	-7.5362	-7.5425	-7.5487	-7.5550	-7.5612	-7.5675	-7.5737	-7.5800	-7.5862	-7.5925	-7.5987	-7.6050	-7.6112	-7.6175	-7.6237	-7.6300	-7.6362	-7.6425	-7.6487	-7.6550	-7.6612	-7.6675	-7.6737	-7.6800	-7.6862	-7.6925	-7.6987	-7.7050	-7.7112	-7.7175	-7.7237	-7.7300	-7.7362	-7.7425	-7.7487	-7.7550	-7.7612	-7.7675	-7.7737	-7.7800	-7.7862	-7.7925	-7.7987	-7.8050	-7.8112	-7.8175	-7.8237	-7.8300	-7.8362	-7.8425	-7.8487	-7.8550	-7.8612	-7.8675	-7.8737	-7.8800	-7.8862	-7.8925	-7.8987	-7.9050	-7.9112	-7.9175	-7.9237	-7.9300	-7.9362	-7.9425	-7.9487	-7.9550	-7.9612	-7.9675	-7.9737	-7.9800	-7.9862	-7.9925	-7.9987	-8.0050
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70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.05442	-1.05818	-1.06114	-1.06571	-1.06948	-1.06823	-1.06219	-1.04588	-1.03628	-1.02718	-1.00968	-1.00074	-0.99923	-0.98873	-0.97525	-0.96178	-0.94833	-0.94091	-0.94148	-0.94148	-0.94824	-0.95501	-0.96178	-0.96858	-0.97539	-0.98219	-0.98900	-0.99585	-1.00266	-1.00954	-1.01644	-1.02329	-1.03017	-1.03707	-1.04400	-1.05087	-1.05771	-1.06458	-1.07145	-1.07831	-1.08518	-1.09204	-1.09890	-1.10576	-1.11262	-1.11948	-1.12634	-1.13320	-1.14006	-1.14692	-1.15378	-1.16064	-1.16750	-1.17436	-1.18122	-1.18808	-1.19494	-1.20180	-1.20866	-1.21552	-1.22238	-1.22924	-1.23610	-1.24296	-1.24982	-1.25668	-1.26354	-1.27040	-1.27726	-1.28412	-1.29098	-1.29784	-1.30470	-1.31156	-1.31842	-1.32528	-1.33214	-1.33900	-1.34586	-1.35272	-1.35958	-1.36644	-1.37330	-1.38016	-1.38702	-1.39388	-1.40074	-1.40760	-1.41446	-1.42132	-1.42818	-1.43504	-1.44190	-1.44876	-1.45562	-1.46248	-1.46934	-1.47620	-1.48306	-1.48992	-1.49678	-1.50364	-1.51050	-1.51736	-1.52422	-1.53108	-1.53794	-1.54480	-1.55166	-1.55852	-1.56538	-1.57224	-1.57910	-1.58596	-1.59282	-1.59968	-1.60654	-1.61340	-1.62026	-1.62712	-1.63398	-1.64084	-1.64770	-1.65456	-1.66142	-1.66828	-1.67514	-1.68200	-1.68886	-1.69572	-1.70258	-1.70944	-1.71630	-1.72316	-1.73002	-1.73688	-1.74374	-1.75060	-1.75746	-1.76432	-1.77118	-1.77804	-1.78490	-1.79176	-1.79862	-1.80548	-1.81234	-1.81920	-1.82606	-1.83292	-1.83978	-1.84664	-1.85350	-1.86036	-1.86722	-1.87408	-1.88094	-1.88780	-1.89466	-1.90152	-1.90838	-1.91524	-1.92210	-1.92896	-1.93582	-1.94268	-1.94954	-1.95640	-1.96326	-1.97012	-1.97698	-1.98384	-1.99070	-1.99756	-2.00442	-2.01128	-2.01814	-2.02500	-2.03186	-2.03872	-2.04558	-2.05244	-2.05930	-2.06616	-2.07302	-2.07988	-2.08674	-2.09360	-2.10046	-2.10732	-2.11418	-2.12104	-2.12790	-2.13476	-2.14162	-2.14848	-2.15534	-2.16220	-2.16906	-2.17592	-2.18278	-2.18964	-2.19650	-2.20336	-2.21022	-2.21708	-2.22394	-2.23080	-2.23766	-2.24452	-2.25138	-2.25824	-2.26510	-2.27196	-2.27882	-2.28568	-2.29254	-2.30000	-2.30686	-2.31372	-2.32058	-2.32744	-2.33430	-2.34116	-2.34802	-2.35488	-2.36174	-2.36860	-2.37546	-2.38232	-2.38918	-2.39604	-2.40290	-2.40976	-2.41662	-2.42348	-2.43034	-2.43720	-2.44406	-2.45092	-2.45778	-2.46464	-2.47150	-2.47836	-2.48522	-2.49208	-2.49894	-2.50580	-2.51266	-2.51952	-2.52638	-2.53324	-2.54010	-2.54696	-2.55382	-2.56068	-2.56754	-2.57440	-2.58126	-2.58812	-2.59498	-2.60184	-2.60870	-2.61556	-2.62242	-2.62928	-2.63614	-2.64300	-2.64986	-2.65672	-2.66358	-2.67044	-2.67730	-2.68416	-2.69102	-2.69788	-2.70474	-2.71160	-2.71846	-2.72532	-2.73218	-2.73904	-2.74590	-2.75276	-2.75962	-2.76648	-2.77334	-2.78020	-2.78706	-2.79392	-2.80078	-2.80764	-2.81450	-2.82136	-2.82822	-2.83508	-2.84194	-2.84880	-2.85566	-2.86252	-2.86938	-2.87624	-2.88310	-2.88996	-2.89682	-2.90368	-2.91054	-2.91740	-2.92426	-2.93112	-2.93798	-2.94484	-2.95170	-2.95856	-2.96542	-2.97228	-2.97914	-2.98600	-2.99286	-2.99972	-3.00658	-3.01344	-3.02030	-3.02716	-3.03402	-3.04088	-3.04774	-3.05460	-3.06146	-3.06832	-3.07518	-3.08204	-3.08890	-3.09576	-3.10262	-3.10948	-3.11634	-3.12320	-3.13006	-3.13692	-3.14378	-3.15064	-3.15750	-3.16436	-3.17122	-3.17808	-3.18494	-3.19180	-3.19866	-3.20552	-3.21238	-3.21924	-3.22610	-3.23296	-3.23982	-3.24668	-3.25354	-3.26040	-3.26726	-3.27412	-3.28098	-3.28784	-3.29470	-3.30156	-3.30842	-3.31528	-3.32214	-3.32900	-3.33586	-3.34272	-3.34958	-3.35644	-3.36330	-3.37016	-3.37702	-3.38388	-3.39074	-3.39760	-3.40446	-3.41132	-3.41818	-3.42504	-3.43190	-3.43876	-3.44562	-3.45248	-3.45934	-3.46620	-3.47306	-3.47992	-3.48678	-3.49364	-3.50050	-3.50736	-3.51422	-3.52108	-3.52794	-3.53480	-3.54166	-3.54852	-3.55538	-3.56224	-3.56910	-3.57596	-3.58282	-3.58968	-3.59654	-3.60340	-3.61026	-3.61712	-3.62398	-3.63084	-3.63770	-3.64456	-3.65142	-3.65828	-3.66514	-3.67200	-3.67886	-3.68572	-3.69258	-3.69944	-3.70630	-3.71316	-3.72002	-3.72688	-3.73374	-3.74060	-3.74746	-3.75432	-3.76118	-3.76804	-3.77490	-3.78176	-3.78862	-3.79548	-3.80234	-3.80920	-3.81606	-3.82292	-3.82978	-3.83664	-3.84350	-3.85036	-3.85722	-3.86408	-3.87094	-3.87780	-3.88466	-3.89152	-3.89838	-3.90524	-3.91210	-3.91896	-3.92582	-3.93268	-3.93954	-3.94640	-3.95326	-3.96012	-3.96698	-3.97384	-3.98070	-3.98756	-3.99442	-4.00128	-4.00814	-4.01500	-4.02186	-4.02872	-4.03558	-4.04244	-4.04930	-4.05616	-4.06302	-4.06988	-4.07674	-4.08360	-4.09046	-4.09732	-4.10418	-4.11104	-4.11790	-4.12476	-4.13162	-4.13848	-4.14534	-4.15220	-4.15906	-4.16592	-4.17278	-4.17964	-4.18650	-4.19336	-4.20022	-4.20708	-4.21394	-4.22080	-4.22766	-4.23452	-4.24138	-4.24824	-4.25510	-4.26196	-4.26882	-4.27568	-4.28254	-4.28940	-4.29626	-4.30312	-4.30998	-4.31684	-4.32370	-4.33056	-4.33742	-4.34428	-4.35114	-4.35800	-4.36486	-4.37172	-4.37858	-4.38544	-4.39230	-4.39916	-4.40602	-4.41288	-4.41974	-4.42660	-4.43346	-4.44032	-4.44718	-4.45404	-4.46090	-4.46776	-4.47462	-4.48148	-4.48834	-4.49520	-4.50206	-4.50892	-4.51578	-4.52264	-4.52950	-4.53636	-4.54322	-4.55008	-4.55694	-4.56380	-4.57066	-4.57752	-4.58438	-4.59124	-4.59810	-4.60496	-4.61182	-4.61868	-4.62554	-4.63240	-4.63926	-4.64612	-4.65298	-4.65984	-4.66670	-4.67356	-4.68042	-4.68728	-4.69414	-4.70100	-4.70786	-4.71472	-4.72158	-4.72844	-4.73530	-4.74216	-4.74902	-4.75588	-4.76274	-4.76960	-4.77646	-4.78332	-4.79018	-4.79704	-4.80390	-4.81076	-4.81762	-4.82448	-4.83134	-4.83820	-4.84506	-4.85192	-4.85878	-4.86564	-4.87250	-4.87936	-4.88622	-4.89308	-4.89994	-4.90680	-4.91366	-4.92052	-4.92738	-4.93424	-4.94110	-4.94796	-4.95482	-4.96168	-4.96854	-4.97540	-4.98226	-4.98912	-4.99598	-5.00284	-5.00970	-5.01656	-5.02342	-5.03028	-5.03714	-5.04400	-5.05086	-5.05772	-5.06458	-5.07144	-5.07830	-5.08516	-5.09202	-5.09888	-5.10574	-5.11260	-5.11946	-5.12632	-5.13318	-5.14004	-5.14690	-5.15376	-5.16062	-5.16748	-5.17434	-5.18120	-5.18806	-5.19492	-5.20178	-5.20864	-5.21550	-5.22236	-5.22922	-5.23608	-5.24294	-5.24980	-5.25666	-5.26352	-5.27038	-5.27724	-5.28410	-5.29096	-5.29782	-5.30468	-5.31154	-5.31840	-5.32526	-5.33212	-5.33898	-5.34584	-5.35270	-5.35956	-5.36642	-5.37328	-5.38014	-5.38700	-5.39386	-5.40072	-5.40758	-5.41444	-5.42130	-5.42816	-5.43502	-5.44188	-5.44874	-5.45560	-5.46246	-5.46932	-5.47618	-5.48304	-5.48990	-5.50000	-5.50500	-5.51000	-5.51500	-5.52000	-5.52500	-5.53000	-5.53500	-5.54000	-5.54500	-5.55000	-5.55500	-5.56000	-5.56500	-5.57000	-5.57500	-5.58000	-5.58500	-5.59000	-5.59500	-5.60000	-5.60500	-5.61000	-5.61500	-5.62000	-5.62500	-5.63000	-5.63500	-5.64000	-5.64500	-5.65000	-5.65500	-5.66000	-5.66500	-5.67000	-5.67500	-5.68000	-5.68500	-5.69000	-5.69500	-5.70000	-5.70500	-5.71000	-5.71500	-5.72000	-5.72500	-5.73000	-5.73500	-5.74000	-5.74500	-5.75000	-5.75500	-5.76000	-5.76500	-5.77000	-5.77500	-5.78000	-5.78500	-5.79000	-5.79500	-5.80000	-5.80500	-5.81000	-5.81500	-5.82000	-5.82500	-5.83000	-5.83500	-5.84000	-5.84500	-5.85000	-5.85500	-5.86000	-5.86500	-5.87000	-5.87500	-5.88000	-5.88500	-5.89000	-5.89500	-5.90000	-5.90500	-5.91000	-5.91500	-5.92000	-5.92500	-5.93000	-5.93500	-5.94000	-5.94500	-5.95000	-5.95500	-5.96000	-5.96500	-5.97000	-5.97500	-5.98000	-5.98500	-5.99000	-5.99500	-6.00000	-6.00500	-6.01000	-6.01500	-6.02000	-6.02500	-6.03000	-6.03500	-6.04000	-6.04500	-6.05000	-6.05500	-6.06000	-6.06500	-6.07000	-6.07500	-6.08000	-6.08500	-6.09000	-6.09500	-6.10000	-6.10500	-6.11000	-6.11500	-6.12000	-6.12500	-6.13000	-6.13500	-6.14000	-6.14500	-6.15000	-6.15500	-6.16000	-6.16500	-6.17000	-6.17500	-6.18000	-6.18500	-6.19000	-6.19500	-6.20000	-6.20500	-6.21000	-6.21500	-6.22000	-6.22500	-6.23000	-6.23500	-6.24000	-6.24500	-6.25000	-6.25500	-6.26000	-6.26500	-6.27000	-6.27500	-6.28000	-6.28500	-6.29000	-6.29500	-6.30000	-6.30500	-6.31000	-6.31500	-6.32000	-6.32500	-6.33000	-6.33500	-6.34000	-6.34500	-6.35000	-6.35500	-6.36000	-6.36500	-6.37000	-6.37500	-6.38000	-6.38500	-6.39000	-6.39500	-6.40000	-6.40500	-6.41000	-6.41500	-6.42000	-6.42500	-6.43000	-6.43500	-6.44000	-6.44500	-6.45000	-6.45500	-6.46000	-6.46500	-6.47000	-6.47500	-6.48000	-6.48500	-6.49000	-6.49500	-6.50000	-6.50500	-6.51000	-6.51500	-6.52000	-6.52500	-6.53000	-6.53500	-6.54000	-6.54500	-6.55000	-6.55500	-6.56000	-6.56500	-6.57000	-6.57500	-6.58000	-6.58500	-6.59000	-6.59500	-6.60000	-6.60500	-6.61000	-6.61500	-6.62000	-6.62500	-6.63000	-6.63500	-6.64000	-6.64500	-6.65000	-6.65500	-6.66000	-6.66500	-6.67000	-6.67500	-6.68000	-6.68500	-6.69000	-6.69500	-6.70000	-6.70500	-6.71000	-6.71500	-6.72000	-6.72500	-6.73000	-6.73500	-6.74000	-6.74500	-6.75000	-6.75500	-6.76000	-6.76500	-6.77000	-6.77500	-6.78000	-6.78500	-6.79000	-6.79500	-6.80000	-6.80500	-6.81000	-6.81500	-6.82000	-6.82500	-6.83000	-6.83500	-6.84000	-6.84500	-6.85000	-6.85500	-6.86000	-6.86500	-6.87000	-6.87500	-6.88000	-6.88500	-6.89000	-6.89500	-6.90000	-6.90500	-6.91000	-6.91500	-6.92000	-6.92500	-6.93000	-6.93500	-6.94000	-6.94500	-6.95000	-6.95500	-6.96000	-6.96500	-6.97000	-6.97500	-6.98000	-6.98500	-6.99000	-6.99500	-7.00000	-7.00

-0.0001	-0.0002	-0.0003	-0.0004	-0.0005	-0.0006	-0.0007	-0.0008	-0.0009	-0.0010	-0.0011	-0.0012	-0.0013	-0.0014	-0.0015	-0.0016	-0.0017	-0.0018	-0.0019	-0.0020	-0.0021	-0.0022	-0.0023	-0.0024	-0.0025	-0.0026	-0.0027	-0.0028	-0.0029	-0.0030	-0.0031	-0.0032	-0.0033	-0.0034	-0.0035	-0.0036	-0.0037	-0.0038	-0.0039	-0.0040	-0.0041	-0.0042	-0.0043	-0.0044	-0.0045	-0.0046	-0.0047	-0.0048	-0.0049	-0.0050	-0.0051	-0.0052	-0.0053	-0.0054	-0.0055	-0.0056	-0.0057	-0.0058	-0.0059	-0.0060	-0.0061	-0.0062	-0.0063	-0.0064	-0.0065	-0.0066	-0.0067	-0.0068	-0.0069	-0.0070	-0.0071	-0.0072	-0.0073	-0.0074	-0.0075	-0.0076	-0.0077	-0.0078	-0.0079	-0.0080	-0.0081	-0.0082	-0.0083	-0.0084	-0.0085	-0.0086	-0.0087	-0.0088	-0.0089	-0.0090	-0.0091	-0.0092	-0.0093	-0.0094	-0.0095	-0.0096	-0.0097	-0.0098	-0.0099	-0.0100	-0.0101	-0.0102	-0.0103	-0.0104	-0.0105	-0.0106	-0.0107	-0.0108	-0.0109	-0.0110	-0.0111	-0.0112	-0.0113	-0.0114	-0.0115	-0.0116	-0.0117	-0.0118	-0.0119	-0.0120	-0.0121	-0.0122	-0.0123	-0.0124	-0.0125	-0.0126	-0.0127	-0.0128	-0.0129	-0.0130	-0.0131	-0.0132	-0.0133	-0.0134	-0.0135	-0.0136	-0.0137	-0.0138	-0.0139	-0.0140	-0.0141	-0.0142	-0.0143	-0.0144	-0.0145	-0.0146	-0.0147	-0.0148	-0.0149	-0.0150	-0.0151	-0.0152	-0.0153	-0.0154	-0.0155	-0.0156	-0.0157	-0.0158	-0.0159	-0.0160	-0.0161	-0.0162	-0.0163	-0.0164	-0.0165	-0.0166	-0.0167	-0.0168	-0.0169	-0.0170	-0.0171	-0.0172	-0.0173	-0.0174	-0.0175	-0.0176	-0.0177	-0.0178	-0.0179	-0.0180	-0.0181	-0.0182	-0.0183	-0.0184	-0.0185	-0.0186	-0.0187	-0.0188	-0.0189	-0.0190	-0.0191	-0.0192	-0.0193	-0.0194	-0.0195	-0.0196	-0.0197	-0.0198	-0.0199	-0.0200	-0.0201	-0.0202	-0.0203	-0.0204	-0.0205	-0.0206	-0.0207	-0.0208	-0.0209	-0.0210	-0.0211	-0.0212	-0.0213	-0.0214	-0.0215	-0.0216	-0.0217	-0.0218	-0.0219	-0.0220	-0.0221	-0.0222	-0.0223	-0.0224	-0.0225	-0.0226	-0.0227	-0.0228	-0.0229	-0.0230	-0.0231	-0.0232	-0.0233	-0.0234	-0.0235	-0.0236	-0.0237	-0.0238	-0.0239	-0.0240	-0.0241	-0.0242	-0.0243	-0.0244	-0.0245	-0.0246	-0.0247	-0.0248	-0.0249	-0.0250	-0.0251	-0.0252	-0.0253	-0.0254	-0.0255	-0.0256	-0.0257	-0.0258	-0.0259	-0.0260	-0.0261	-0.0262	-0.0263	-0.0264	-0.0265	-0.0266	-0.0267	-0.0268	-0.0269	-0.0270	-0.0271	-0.0272	-0.0273	-0.0274	-0.0275	-0.0276	-0.0277	-0.0278	-0.0279	-0.0280	-0.0281	-0.0282	-0.0283	-0.0284	-0.0285	-0.0286	-0.0287	-0.0288	-0.0289	-0.0290	-0.0291	-0.0292	-0.0293	-0.0294	-0.0295	-0.0296	-0.0297	-0.0298	-0.0299	-0.0300	-0.0301	-0.0302	-0.0303	-0.0304	-0.0305	-0.0306	-0.0307	-0.0308	-0.0309	-0.0310	-0.0311	-0.0312	-0.0313	-0.0314	-0.0315	-0.0316	-0.0317	-0.0318	-0.0319	-0.0320	-0.0321	-0.0322	-0.0323	-0.0324	-0.0325	-0.0326	-0.0327	-0.0328	-0.0329	-0.0330	-0.0331	-0.0332	-0.0333	-0.0334	-0.0335	-0.0336	-0.0337	-0.0338	-0.0339	-0.0340	-0.0341	-0.0342	-0.0343	-0.0344	-0.0345	-0.0346	-0.0347	-0.0348	-0.0349	-0.0350	-0.0351	-0.0352	-0.0353	-0.0354	-0.0355	-0.0356	-0.0357	-0.0358	-0.0359	-0.0360	-0.0361	-0.0362	-0.0363	-0.0364	-0.0365	-0.0366	-0.0367	-0.0368	-0.0369	-0.0370	-0.0371	-0.0372
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-1.1181	-1.1207	-1.1233	-1.1259	-1.1285	-1.1311	-1.1337	-1.1363	-1.1389	-1.1415	-1.1441	-1.1467	-1.1493	-1.1519	-1.1545	-1.1571	-1.1597	-1.1623	-1.1649	-1.1675	-1.1701	-1.1727	-1.1753	-1.1779	-1.1805	-1.1831	-1.1857	-1.1883	-1.1909	-1.1935	-1.1961	-1.1987	-1.2013	-1.2039	-1.2065	-1.2091	-1.2117	-1.2143	-1.2169	-1.2195	-1.2221	-1.2247	-1.2273	-1.2299	-1.2325	-1.2351	-1.2377	-1.2403	-1.2429	-1.2455	-1.2481	-1.2507	-1.2533	-1.2559	-1.2585	-1.2611	-1.2637	-1.2663	-1.2689	-1.2715	-1.2741	-1.2767	-1.2793	-1.2819	-1.2845	-1.2871	-1.2897	-1.2923	-1.2949	-1.2975	-1.3001	-1.3027	-1.3053	-1.3079	-1.3105	-1.3131	-1.3157	-1.3183	-1.3209	-1.3235	-1.3261	-1.3287	-1.3313	-1.3339	-1.3365	-1.3391	-1.3417	-1.3443	-1.3469	-1.3495	-1.3521	-1.3547	-1.3573	-1.3599	-1.3625	-1.3651	-1.3677	-1.3703	-1.3729	-1.3755	-1.3781	-1.3807	-1.3833	-1.3859	-1.3885	-1.3911	-1.3937	-1.3963	-1.3989	-1.4015	-1.4041	-1.4067	-1.4093	-1.4119	-1.4145	-1.4171	-1.4197	-1.4223	-1.4249	-1.4275	-1.4301	-1.4327	-1.4353	-1.4379	-1.4405	-1.4431	-1.4457	-1.4483	-1.4509	-1.4535	-1.4561	-1.4587	-1.4613	-1.4639	-1.4665	-1.4691	-1.4717	-1.4743	-1.4769	-1.4795	-1.4821	-1.4847	-1.4873	-1.4899	-1.4925	-1.4951	-1.4977	-1.5003	-1.5029	-1.5055	-1.5081	-1.5107	-1.5133	-1.5159	-1.5185	-1.5211	-1.5237	-1.5263	-1.5289	-1.5315	-1.5341	-1.5367	-1.5393	-1.5419	-1.5445	-1.5471	-1.5497	-1.5523	-1.5549	-1.5575	-1.5601	-1.5627	-1.5653	-1.5679	-1.5705	-1.5731	-1.5757	-1.5783	-1.5809	-1.5835	-1.5861	-1.5887	-1.5913	-1.5939	-1.5965	-1.5991	-1.6017	-1.6043	-1.6069	-1.6095	-1.6121	-1.6147	-1.6173	-1.6199	-1.6225	-1.6251	-1.6277	-1.6303	-1.6329	-1.6355	-1.6381	-1.6407	-1.6433	-1.6459	-1.6485	-1.6511	-1.6537	-1.6563	-1.6589	-1.6615	-1.6641	-1.6667	-1.6693	-1.6719	-1.6745	-1.6771	-1.6797	-1.6823	-1.6849	-1.6875	-1.6901	-1.6927	-1.6953	-1.6979	-1.7005	-1.7031	-1.7057	-1.7083	-1.7109	-1.7135	-1.7161	-1.7187	-1.7213	-1.7239	-1.7265	-1.7291	-1.7317	-1.7343	-1.7369	-1.7395	-1.7421	-1.7447	-1.7473	-1.7499	-1.7525	-1.7551	-1.7577	-1.7603	-1.7629	-1.7655	-1.7681	-1.7707	-1.7733	-1.7759	-1.7785	-1.7811	-1.7837	-1.7863	-1.7889	-1.7915	-1.7941	-1.7967	-1.7993	-1.8019	-1.8045	-1.8071	-1.8097	-1.8123	-1.8149	-1.8175	-1.8201	-1.8227	-1.8253	-1.8279	-1.8305	-1.8331	-1.8357	-1.8383	-1.8409	-1.8435	-1.8461	-1.8487	-1.8513	-1.8539	-1.8565	-1.8591	-1.8617	-1.8643	-1.8669	-1.8695	-1.8721	-1.8747	-1.8773	-1.8799	-1.8825	-1.8851	-1.8877	-1.8903	-1.8929	-1.8955	-1.8981	-1.9007	-1.9033	-1.9059	-1.9085	-1.9111	-1.9137	-1.9163	-1.9189	-1.9215	-1.9241	-1.9267	-1.9293	-1.9319	-1.9345	-1.9371	-1.9397	-1.9423	-1.9449	-1.9475	-1.9501	-1.9527	-1.9553	-1.9579	-1.9605	-1.9631	-1.9657	-1.9683	-1.9709	-1.9735	-1.9761	-1.9787	-1.9813	-1.9839	-1.9865	-1.9891	-1.9917	-1.9943	-1.9969	-1.9995	-2.0021	-2.0047	-2.0073	-2.0099	-2.0125	-2.0151	-2.0177	-2.0203	-2.0229	-2.0255	-2.0281	-2.0307	-2.0333	-2.0359	-2.0385	-2.0411	-2.0437	-2.0463	-2.0489	-2.0515	-2.0541	-2.0567	-2.0593	-2.0619	-2.0645	-2.0671	-2.0697	-2.0723	-2.0749	-2.0775	-2.0801	-2.0827
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283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1.03017	-1.03707	-1.04038	-1.04101	-1.03884	-1.03507	-1.0321	-1.02914	-1.02618	-1.02322	-1.02026	-1.01731	-1.01435	-1.0114	-1.00845	-1.0055	-1.00255	-9.99961	-1.0038	-1.00799	-1.01218	-1.01638	-1.02058	-1.02478	-1.02897	-1.03317	-1.03736	-1.04155	-1.04574	-1.04993	-1.05412	-1.05831	-1.06250	-1.06669	-1.07088	-1.07507	-1.07926	-1.08345	-1.08764	-1.09183	-1.09599	-1.09999	-1.10400	-1.10800	-1.11200	-1.11600	-1.12000	-1.12400	-1.12800	-1.13200	-1.13600	-1.14000	-1.14400	-1.14800	-1.15200	-1.15600	-1.16000	-1.16400	-1.16800	-1.17200	-1.17600	-1.18000	-1.18400	-1.18800	-1.19200	-1.19600	-1.20000	-1.20400	-1.20800	-1.21200	-1.21600	-1.22000	-1.22400	-1.22800	-1.23200	-1.23600	-1.24000	-1.24400	-1.24800	-1.25200	-1.25600	-1.26000	-1.26400	-1.26800	-1.27200	-1.27600	-1.28000	-1.28400	-1.28800	-1.29200	-1.29600	-1.30000	-1.30400	-1.30800	-1.31200	-1.31600	-1.32000	-1.32400	-1.32800	-1.33200	-1.33600	-1.34000	-1.34400	-1.34800	-1.35200	-1.35600	-1.36000	-1.36400	-1.36800	-1.37200	-1.37600	-1.38000	-1.38400	-1.38800	-1.39200	-1.39600	-1.40000	-1.40400	-1.40800	-1.41200	-1.41600	-1.42000	-1.42400	-1.42800	-1.43200	-1.43600	-1.44000	-1.44400	-1.44800	-1.45200	-1.45600	-1.46000	-1.46400	-1.46800	-1.47200	-1.47600	-1.48000	-1.48400	-1.48800	-1.49200	-1.49600	-1.50000	-1.50400	-1.50800	-1.51200	-1.51600	-1.52000	-1.52400	-1.52800	-1.53200	-1.53600	-1.54000	-1.54400	-1.54800	-1.55200	-1.55600	-1.56000	-1.56400	-1.56800	-1.57200	-1.57600	-1.58000	-1.58400	-1.58800	-1.59200	-1.59600	-1.60000	-1.60400	-1.60800	-1.61200	-1.61600	-1.62000	-1.62400	-1.62800	-1.63200	-1.63600	-1.64000	-1.64400	-1.64800	-1.65200	-1.65600	-1.66000	-1.66400	-1.66800	-1.67200	-1.67600	-1.68000	-1.68400	-1.68800	-1.69200	-1.69600	-1.70000	-1.70400	-1.70800	-1.71200	-1.71600	-1.72000	-1.72400	-1.72800	-1.73200	-1.73600	-1.74000	-1.74400	-1.74800	-1.75200	-1.75600	-1.76000	-1.76400	-1.76800	-1.77200	-1.77600	-1.78000	-1.78400	-1.78800	-1.79200	-1.79600	-1.80000	-1.80400	-1.80800	-1.81200	-1.81600	-1.82000	-1.82400	-1.82800	-1.83200	-1.83600	-1.84000	-1.84400	-1.84800	-1.85200	-1.85600	-1.86000	-1.86400	-1.86800	-1.87200	-1.87600	-1.88000	-1.88400	-1.88800	-1.89200	-1.89600	-1.90000	-1.90400	-1.90800	-1.91200	-1.91600	-1.92000	-1.92400	-1.92800	-1.93200	-1.93600	-1.94000	-1.94400	-1.94800	-1.95200	-1.95600	-1.96000	-1.96400	-1.96800	-1.97200	-1.97600	-1.98000	-1.98400	-1.98800	-1.99200	-1.99600	-2.00000	-2.00400	-2.00800	-2.01200	-2.01600	-2.02000	-2.02400	-2.02800	-2.03200	-2.03600	-2.04000	-2.04400	-2.04800	-2.05200	-2.05600	-2.06000	-2.06400	-2.06800	-2.07200	-2.07600	-2.08000	-2.08400	-2.08800	-2.09200	-2.09600	-2.10000	-2.10400	-2.10800	-2.11200	-2.11600	-2.12000	-2.12400	-2.12800	-2.13200	-2.13600	-2.14000	-2.14400	-2.14800	-2.15200	-2.15600	-2.16000	-2.16400	-2.16800	-2.17200	-2.17600	-2.18000	-2.18400	-2.18800	-2.19200	-2.19600	-2.20000	-2.20400	-2.20800	-2.21200	-2.21600	-2.22000	-2.22400	-2.22800	-2.23200	-2.23600	-2.24000	-2.24400	-2.24800	-2.25200	-2.25600	-2.26000	-2.26400	-2.26800	-2.27200	-2.27600	-2.28000	-2.28400	-2.28800	-2.29200	-2.29600	-2.30000	-2.30400	-2.30800	-2.31200	-2.31600	-2.32000	-2.32400	-2.32800	-2.33200	-2.33600	-2.34000	-2.34400	-2.34800	-2.35200	-2.35600	-2.36000	-2.36400	-2.36800	-2.37200	-2.37600	-2.38000	-2.38400	-2.38800	-2.39200	-2.39600	-2.40000	-2.40400	-2.40800	-2.41200	-2.41600	-2.42000	-2.42400	-2.42800	-2.43200	-2.43600	-2.44000	-2.44400	-2.44800	-2.45200	-2.45600	-2.46000	-2.46400	-2.46800	-2.47200	-2.47600	-2.48000	-2.48400	-2.48800	-2.49200	-2.49600	-2.50000	-2.50400	-2.50800	-2.51200	-2.51600	-2.52000	-2.52400	-2.52800	-2.53200	-2.53600	-2.54000	-2.54400	-2.54800	-2.55200	-2.55600	-2.56000	-2.56400	-2.56800	-2.57200	-2.57600	-2.58000	-2.58400	-2.58800	-2.59200	-2.59600	-2.60000	-2.60400	-2.60800	-2.61200	-2.61600	-2.62000	-2.62400	-2.62800	-2.63200	-2.63600	-2.64000	-2.64400	-2.64800	-2.65200	-2.65600	-2.66000	-2.66400	-2.66800	-2.67200	-2.67600	-2.68000	-2.68400	-2.68800	-2.69200	-2.69600	-2.70000	-2.70400	-2.70800	-2.71200	-2.71600	-2.72000	-2.72400	-2.72800	-2.73200	-2.73600	-2.74000	-2.74400	-2.74800	-2.75200	-2.75600	-2.76000	-2.76400	-2.76800	-2.77200	-2.77600	-2.78000	-2.78400	-2.78800	-2.79200	-2.79600	-2.80000	-2.80400	-2.80800	-2.81200	-2.81600	-2.82000	-2.82400	-2.82800	-2.83200	-2.83600	-2.84000	-2.84400	-2.84800	-2.85200	-2.85600	-2.86000	-2.86400	-2.86800	-2.87200	-2.87600	-2.88000	-2.88400	-2.88800	-2.89200	-2.89600	-2.90000	-2.90400	-2.90800	-2.91200	-2.91600	-2.92000	-2.92400	-2.92800	-2.93200	-2.93600	-2.94000	-2.94400	-2.94800	-2.95200	-2.95600	-2.96000	-2.96400	-2.96800	-2.97200	-2.97600	-2.98000	-2.98400	-2.98800	-2.99200	-2.99600	-3.00000	-3.00400	-3.00800	-3.01200	-3.01600	-3.02000	-3.02400	-3.02800	-3.03200	-3.03600	-3.04000	-3.04400	-3.04800	-3.05200	-3.05600	-3.06000	-3.06400	-3.06800	-3.07200	-3.07600	-3.08000	-3.08400	-3.08800	-3.09200	-3.09600	-3.10000	-3.10400	-3.10800	-3.11200	-3.11600	-3.12000	-3.12400	-3.12800	-3.13200	-3.13600	-3.14000	-3.14400	-3.14800	-3.15200	-3.15600	-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354	355	356	357	358	359	360	Max Per Line	5850MHz Max
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-0.0512	-0.03269	-0.01425	0.00413	0.022396	0.040601	0.058731	0.058731	
-0.00494	0.013071	0.031002	0.048861	0.066645	0.084358	0.101999	0.101999	
0.046842	0.068349	0.079785	0.093152	0.11045	0.127878	0.14484	0.14484	
0.086143	0.10316	0.120111	0.136996	0.153816	0.170571	0.187261	0.187261	
0.130976	0.1474514	0.163989	0.180402	0.196754	0.213044	0.229273	0.229273	
0.17538	0.191419	0.207428	0.223378	0.239272	0.255106	0.270883	0.270883	
0.219776	0.234885	0.250438	0.265934	0.281377	0.296764	0.312097	0.312097	
0.262762	0.27792	0.293035	0.308077	0.323078	0.338027	0.352934	0.375	
0.305817	0.320533	0.335198	0.349815	0.364382	0.378901	0.393371	0.45755	
0.34845	0.362732	0.376967	0.391155	0.405297	0.419394	0.433445	0.538176	
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0.362899	0.37201	0.381101	0.390172	0.399225	0.40826	0.417275	0.470901	
0.370107	0.376641	0.383166	0.389681	0.396186	0.402682	0.409167	0.456572	
0.377302	0.381268	0.385231	0.38919	0.393145	0.397097	0.401045	0.474708	
0.384485	0.38859	0.387294	0.388698	0.390102	0.391504	0.392907	0.505838	
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0.405964	0.399726	0.393479	0.387224	0.380959	0.374685	0.368402	0.791383	
0.4131	0.404329	0.395539	0.386732	0.377907	0.369063	0.360203	0.881316	
0.420224	0.408926	0.397598	0.38624	0.374853	0.363436	0.351988	0.969425	
0.427337	0.413518	0.399656	0.385748	0.371796	0.357799	0.343758	1.055782	
0.434438	0.418106	0.401712	0.385257	0.368738	0.352157	0.335512	1.144565	
0.441528	0.422689	0.403768	0.384765	0.365676	0.346506	0.32725	1.223508	
0.448606	0.427267	0.405823	0.384273	0.362615	0.340849	0.318973	1.305004	
0.455672	0.43184	0.407877	0.383781	0.359595	0.335183	0.310865	1.384987	
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0.37098	0.36102	0.351037	0.341031	0.331002	0.32095	0.310874	1.196606	
0.329006	0.325172	0.322235	0.319487	0.316651	0.313815	0.310972	1.09254	
0.284603	0.289025	0.293443	0.297856	0.302265	0.306669	0.311069	0.99967	
0.240762	0.255176	0.264557	0.2716107	0.280295	0.299511	0.311166	0.891749	
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0.151729	0.178745	0.205594	0.232278	0.2588	0.28516	0.311361	0.696438	
0.106519	0.141354	0.177912	0.210187	0.244234	0.277966	0.311458	0.576786	
0.060833	0.103638	0.146025	0.188003	0.229579	0.270761	0.311556	0.559092	
0.014661	0.065592	0.115932	0.165895	0.214895	0.263943	0.311653	0.57729	
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3.03076 5.39083 5.331476 5.33215 5.332746 5.326545 5.345854 5.311385 5.340228 5.297052 5.326958 5.282641 5.275407 5.268133 5.260868 5.253587 5.246275 5.238943 5.231439 5.224818 5.224218 5.223977 5.225285 5.240764 5.242606 5.251612 5.256983 5.262331 5.267616 5.273008 5.278109 5.283804 5.288644 5.293959 5.298682 5.303741 5.309708 5.314564 5.285853 5.279494 5.273864 5.267599 5.261114 5.254949 5.248576 5.242562 5.236393 5.230097 5.223526 5.217555 5.211254 5.210126 5.203149 5.212346 5.213894 5.214533 5.215164 5.215786 5.2164 5.217006 5.217604 5.218193 5.218774 5.219354 5.219911 5.220467 5.225103 5.229779 5.233434 5.238993 5.245338 5.252716 5.260143 5.267624 5.275247 5.282943 5.290729 5.298697 5.306849 5.315179 5.323693 5.332345 5.341345 5.350849 5.360349 5.370349 5.380849 5.391349 5.401849 5.412349 5.422849 5.433349 5.443849 5.454349 5.464849 5.475349 5.485849 5.496349 5.506849 5.517349 5.527849 5.538349 5.548849 5.559349 5.569849 5.580349 5.590849 5.601349 5.611849 5.622349 5.632849 5.643349 5.653849 5.664349 5.674849 5.685349 5.695849 5.706349 5.716849 5.727349 5.737849 5.748349 5.758849 5.769349 5.779849 5.790349 5.800849 5.811349 5.821849 5.832349 5.842849 5.853349 5.863849 5.874349 5.884849 5.895349 5.905849 5.916349 5.926849 5.937349 5.947849 5.958349 5.968849 5.979349 5.989849 5.999849 6.009849 6.019849 6.029849 6.039849 6.049849 6.059849 6.069849 6.079849 6.089849 6.099849 6.109849 6.119849 6.129849 6.139849 6.149849 6.159849 6.169849 6.179849 6.189849 6.199849 6.209849 6.219849 6.229849 6.239849 6.249849 6.259849 6.269849 6.279849 6.289849 6.299849 6.309849 6.319849 6.329849 6.339849 6.349849 6.359849 6.369849 6.379849 6.389849 6.399849 6.409849 6.419849 6.429849 6.439849 6.449849 6.459849 6.469849 6.479849 6.489849 6.499849 6.509849 6.519849 6.529849 6.539849 6.549849 6.559849 6.569849 6.579849 6.589849 6.599849 6.609849 6.619849 6.629849 6.639849 6.649849 6.659849 6.669849 6.679849 6.689849 6.699849 6.709849 6.719849 6.729849 6.739849 6.749849 6.759849 6.769849 6.779849 6.789849 6.799849 6.809849 6.819849 6.829849 6.839849 6.849849 6.859849 6.869849 6.879849 6.889849 6.899849 6.909849 6.919849 6.929849 6.939849 6.949849 6.959849 6.969849 6.979849 6.989849 6.999849 7.009849 7.019849 7.029849 7.039849 7.049849 7.059849 7.069849 7.079849 7.089849 7.099849 7.109849 7.119849 7.129849 7.139849 7.149849 7.159849 7.169849 7.179849 7.189849 7.199849 7.209849 7.219849 7.229849 7.239849 7.249849 7.259849 7.269849 7.279849 7.289849 7.299849 7.309849 7.319849 7.329849 7.339849 7.349849 7.359849 7.369849 7.379849 7.389849 7.399849 7.409849 7.419849 7.429849 7.439849 7.449849 7.459849 7.469849 7.479849 7.489849 7.499849 7.509849 7.519849 7.529849 7.539849 7.549849 7.559849 7.569849 7.579849 7.589849 7.599849 7.609849 7.619849 7.629849 7.639849 7.649849 7.659849 7.669849 7.679849 7.689849 7.699849 7.709849 7.719849 7.729849 7.739849 7.749849 7.759849 7.769849 7.779849 7.789849 7.799849 7.809849 7.819849 7.829849 7.839849 7.849849 7.859849 7.869849 7.879849 7.889849 7.899849 7.909849 7.919849 7.929849 7.939849 7.949849 7.959849 7.969849 7.979849 7.989849 7.999849 8.009849 8.019849 8.029849 8.039849 8.049849 8.059849 8.069849 8.079849 8.089849 8.099849 8.109849 8.119849 8.129849 8.139849 8.149849 8.159849 8.169849 8.179849 8.189849 8.199849 8.209849 8.219849 8.229849 8.239849 8.249849 8.259849 8.269849 8.279849 8.289849 8.299849 8.309849 8.319849 8.329849 8.339849 8.349849 8.359849 8.369849 8.379849 8.389849 8.399849 8.409849 8.419849 8.429849 8.439849 8.449849 8.459849 8.469849 8.479849 8.489849 8.499849 8.509849 8.519849 8.529849 8.539849 8.549849 8.559849 8.569849 8.579849 8.589849 8.599849 8.609849 8.619849 8.629849 8.639849 8.649849 8.659849 8.669849 8.679849 8.689849 8.699849 8.709849 8.719849 8.729849 8.739849 8.749849 8.759849 8.769849 8.779849 8.789849 8.799849 8.809849 8.819849 8.829849 8.839849 8.849849 8.859849 8.869849 8.879849 8.889849 8.899849 8.909849 8.919849 8.929849 8.939849 8.949849 8.959849 8.969849 8.979849 8.989849 8.999849 9.009849 9.019849 9.029849 9.039849 9.049849 9.059849 9.06984

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[illegible]

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Max Per Line
Gain-T 1.3592

5925MHz Max
1.3592

60G18-6550MHz Corrected Gain

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141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211

397349 397349 398994 399224 399421 399587 400147 400624 401049 401936 402848 403685 404579 405035 405679 406177 406743 407327 407867 408461 409044 409577 410156 410748 411341 411926 412511 413096 413681 414266 414851 415436 416021 416606 417191 417776 418361 418946 419531 420116 420701 421286 421871 422456 423041 423626 424211 424796 425381 425966 426551 427136 427721 428306 428891 429476 430061 430646 431231 431816 432401 432986 433571 434156 434741 435326 435911 436496 437081 437666 438251 438836 439421 440006 440591 441176 441761 442346 442931 443516 444101 444686 445271 445861 446446 447031 447616 448201 448786 449371 449956 450541 451126 451711 452296 452881 453466 454051 454636 455221 455806 456391 456976 457561 458146 458731 459316 459901 460486 461071 461656 462241 462826 463411 463996 464581 465166 465751 466336 466921 467506 468091 468676 469261 469846 470431 471016 471601 472186 472771 473356 473941 474526 475111 475696 476281 476866 477451 478041 478626 479211 479796 480381 480966 481551 482136 482721 483306 483891 484476 485061 485646 486231 486816 487401 487986 488571 489156 489741 490326 490911 491496 492081 492666 493251 493836 494421 495006 495591 496176 496761 497346 497931 498516 499101 499686 500271 500866 501451 502041 502626 503211 503796 504381 504966 505551 506136 506721 507306 507891 508476 509061 509646 510231 510816 511396 511981 512566 513151 513736 514321 514906 515491 516076 516661 517246 517831 518416 518996 519581 520166 520751 521336 521921 522506 523091 523676 524261 524846 525431 526016 526601 527186 527771 528356 528941 529526 530111 530696 531281 531866 532451 533041 533626 534211 534796 535381 535966 536551 537136 537721 538306 538891 539476 540061 540646 541231 541816 542401 542986 543571 544156 544741 545326 545911 546496 547081 547666 548251 548836 549421 550006 550591 551176 551761 552346 552931 553516 554101 554686 555271 555856 556441 557026 557611 558196 558781 559366 559951 560541 561126 561711 562296 562881 563466 564051 564636 565221 565806 566391 566976 567561 568146 568731 569316 569901 570486 571071 571656 572241 572826 573406 573991 574576 575161 575746 576331 576916 577501 578086 578671 579256 579841 580426 581011 581596 582181 582766 583351 583936 584521 585106 585691 586276 586861 587446 588031 588616 589196 589781 590366 590951 591536 592121 592706 593291 593876 594461 595046 595631 596216 596801 597386 597971 598556 599141 599726 600311 600896 601481 602066 602651 603236 603821 604406 604991 605576 606161 606746 607331 607916 608496 609081 609666 610251 610836 611421 612006 612591 613176 613761 614346 614931 615516 616101 616686 617271 617856 618441 619026 619611 620196 620781 621366 621951 622536 623121 623706 624291 624876 625461 626046 626631 627216 627801 628386 628971 629556 630141 630726 631311 631896 632481 633066 633651 634236 634821 635406 635991 636576 637161 637746 638331 638916 639501 640086 640671 641256 641841 642426 643011 643596 644181 644766 645351 645936 646521 647106 647691 648276 648861 649446 650031 650616 651201 651786 652371 652956 653541 654126 654711 655296 655881 656466 657051 657636 658221 658806 659391 659976 660561 661146 661731 662316 662901 663486 664071 664656 665241 665826 666411 666996 667581 668166 668751 669336 669921 670506 671091 671676 672261 672846 673431 674016 674601 675186 675771 676356 676941 677526 678111 678696 679281 679866 680451 681036 681621 682206 682791 683376 683961 684546 685131 685716 686301 686886 687471 688056 688641 689226 689811 690396 690981 691566 692151 692736 693321 693906 694491 695076 695661 696246 696831 697416 697996 698581 699166 699751 700336 700921 701506 702091 702676 703261 703846 704431 705016 705601 706186 706771 707356 707941 708526 709111 709696 710281 710876 711461 712046 712631 713216 713801 714386 714971 715556 716141 716726 717311 717896 718481 719066 719651 720236 720821 721406 721991 722576 723161 723746 724331 724916 725496 726081 726666 727251 727836 728421 729006 729591 730176 730761 731346 731931 732516 733101 733686 734271 734856 735441 736026 736611 737196 737781 738366 738951 739536 740121 740706 741291 741876 742461 743046 743631 744216 744801 745386 745971 746556 747141 747726 748311 748896 749481 750066 750651 751236 751821 752406 752991 753576 754161 754746 755331 755916 756501 757086 757671 758256 758841 759426 760011 760596 761181 761766 762351 762936 763521 764106 764691 765276 765861 766446 767031 767616 768201 768786 769371 770006 770591 771176 771761 772346 772931 773516 774101 774686 775271 775856 776441 777026 777611 778196 778781 779366 779951 780536 781121 781706 782291 782876 783461 784046 784631 785216 785801 786386 786971 787556 788141 788726 789311 789896 790481 791076 791656 792241 792826 793406 793991 794576 795161 795746 796331 796916 797501 798086 798671 799256 799841 800426 801011 801596 802181 802766 803351 803936 804521 805106 805691 806276 806861 807446 808031 808616 809196 809781 810366 810951 811536 812121 812706 813291 813876 814461 815046 815631 816216 816801 817386 817971 818556 819141 819726 820311 820896 821481 822066 822651 823236 823821 824406 824991 825576 826161 826746 827331 827916 828496 829081 829666 830251 830836 831421 832006 832591 833176 833761 834346 834931 835516 836101 836686 837271 837856 838441 839026 839611 840196 840781 841366 841951 842536 843121 843706 844291 844876 845461 846046 846631 847216 847801 848386 848971 849566 850151 850736 851321 851906 852491 853076 853661 854246 854831 855416 855996 856581 857166 857751 858336 858921 859506 860091 860676 861261 861846 862431 863016 863601 864186 864771 865356 865941 866526 867111 867696 868281 868866 869451 870036 870621 871206 871791 872376 872961 873546 874131 874716 875296 875881 876466 877071 877656 878241 878826 879411 880006 880591 881176 881761 882346 882931 883516 884101 884686 885271 885866 886451 887041 887626 888211 888796 889381 889966 890551 891141 891726 892311 892896 893481 894066 894651 895236 895821 896406 896991 897576 898161 898746 899331 899916 900501 901086 901671 902256 902841 903426 904011 904596 905181 905766 906351 906936 907521 908106 908691 909276 909861 910446 911031 911616 912201 912786 913371 913956 914541 915126 915711 916296 916881 917466 918051 918636 919221 919806 920391 920976 921561 922146 922731 923316 923901 924486 925071 925656 926241 926826 927411 927996 928581 929166 929751 930336 930921 931506 932091 932676 933261 933846 934431 935016 935601 936186 936771 937356 937941 938526 939111 939696 940281 940876 941461 942046 942631 943216 943801 944386 944971 945556 946141 946726 947311 947896 948481 949066 949651 950236 950821 951406 951991 952576 953161 953746 954331 954916 955501 956086 956671 957256 957841 958426 959011 959596 960181 960776 961361 961946 962531 963126 963711 964296 964881 965466 966051 966636 967221 967806 968391 968976 969561 970146 970731 971316 971901 972486 973071 973656 974241 974826 975411 975996 976581 977166 977751 978336 978921 979506 980091 980676 981261 981846 982431 983016 983601 984186 984771 985356 985941 986526 987111 987696 988281 988866 989451 990041 990626 991211 991796 992381 992966 993551 994136 994721 995306 995891 996476 997061 997646 998231 998816 999401 999986 1000000

2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082																																																																																																																																																																																																		
412320	412321	412322	412323	412324	412325	412326	412327	412328	412329	412330	412331	412332	412333	412334	412335	412336	412337	412338	412339	412340	412341	412342	412343	412344	412345	412346	412347	412348	412349	412350	412351	412352	412353	412354	412355	412356	412357	412358	412359	412360	412361	412362	412363	412364	412365	412366	412367	412368	412369	412370	412371	412372	412373	412374	412375	412376	412377	412378	412379	412380	412381	412382																																																																																																																																																																																																		
412383	412384	412385	412386	412387	412388	412389	412390	412391	412392	412393	412394	412395	412396	412397	412398	412399	412400	412401	412402	412403	412404	412405	412406	412407	412408	412409	412410	412411	412412	412413	412414	412415	412416	412417	412418	412419	412420	412421	412422	412423	412424	412425	412426	412427	412428	412429	412430	412431	412432	412433	412434	412435	412436	412437	412438	412439	412440	412441	412442	412443	412444	412445	412446	412447	412448	412449	412450	412451	412452	412453	412454	412455	412456	412457	412458	412459	412460	412461	412462	412463	412464	412465	412466	412467	412468	412469	412470	412471	412472	412473	412474	412475	412476	412477	412478	412479	412480	412481	412482	412483	412484	412485	412486	412487	412488	412489	412490	412491	412492	412493	412494	412495	412496	412497	412498	412499	412500	412501	412502	412503	412504	412505	412506	412507	412508	412509	412510	412511	412512	412513	412514	412515	412516	412517	412518	412519	412520	412521	412522	412523	412524	412525	412526	412527	412528	412529	412530	412531	412532	412533	412534	412535	412536	412537	412538	412539	412540	412541	412542	412543	412544	412545	412546	412547	412548	412549	412550	412551	412552	412553	412554	412555	412556	412557	412558	412559	412560	412561	412562	412563	412564	412565	412566	412567	412568	412569	412570	412571	412572	412573	412574	412575	412576	412577	412578	412579	412580	412581	412582	412583	412584	412585	412586	412587	412588	412589	412590	412591	412592	412593	412594	412595	412596	412597	412598	412599	412600	412601	412602	412603	412604	412605	412606	412607	412608	412609	412610	412611	412612	412613	412614	412615	412616	412617	412618	412619	412620	412621	412622	412623	412624	412625	412626	412627	412628	412629	412630	412631	412632	412633	412634	412635	412636	412637	412638	412639

[illegible]

	354	355	356	357	358	359	360	Max Per Line	6550MHz Max Gain-T	7.829451
4.156326	4.157899	4.159468	4.161033	4.162595	4.164154	4.165709	4.167268	4.28878		
4.140777	4.142224	4.143666	4.145108	4.146551	4.148006	4.149453	4.282618			
4.121587	4.121037	4.120464	4.119868	4.119249	4.118606	4.11794	4.45859			
4.098742	4.09732	4.095855	4.094348	4.0928	4.09121	4.089578	4.513818			
4.072186	4.070839	4.069476	4.068054	4.066578	4.065037	4.063493	4.643198	129		
4.041814	4.038999	4.036087	4.033078	4.029972	4.02677	4.023471	4.75628			
4.007465	4.00413	4.000656	3.997056	3.993318	3.989448	3.985445	4.850828			
3.969321	3.965186	3.961171	3.957177	3.953206	3.949466	3.945838	4.945979			
3.928886	3.924877	3.921674	3.918316	3.914858	3.911331	3.908779	5.024503			
3.877989	3.873821	3.869576	3.865264	3.860816	3.856236	3.851519	5.092857			
3.824656	3.820517	3.816008	3.811137	3.80591	3.800332	3.794407	5.151221			
3.765258	3.761286	3.756882	3.752021	3.746724	3.740999	3.734854	5.199483			
3.698884	3.695256	3.691117	3.686457	3.681228	3.675503	3.669271	5.2372			
3.624087	3.621126	3.617149	3.6132	3.608274	3.602728	3.596577	5.2635			
3.539073	3.537055	3.534219	3.530594	3.526206	3.521077	3.515227	5.276885			
3.444078	3.440163	3.435546	3.430288	3.424385	3.417823	3.410591	5.274853			
3.391569	3.382045	3.371799	3.360853	3.349224	3.336925	3.323972	5.397602			
3.329993	3.317035	3.299524	3.277421	3.250748	3.219509	3.619709	5.508663			
3.25849	3.24341	3.811566	3.971191	3.762283	3.776657	3.710851	5.610052			
3.979555	3.950649	3.921214	3.89124	3.860716	3.829632	3.797974	5.703242			
4.093753	4.05987	4.025146	3.990374	3.954723	3.918454	3.881535	5.789347			
4.202262	4.163899	4.124892	4.085216	4.044844	4.003749	3.961902	5.869231			
4.305808	4.263381	4.220208	4.176257	4.131494	4.085882	4.039381	5.943575			
4.404964	4.358828	4.313183	4.268	4.223027	4.165152	4.114226	6.029277			
4.500198	4.450657	4.400099	4.348475	4.295732	4.241812	4.186552	6.077724			
4.59109	4.539214	4.485356	4.430259	4.373856	4.316078	4.256846	6.138333			
4.683361	4.624789	4.561954	4.504887	4.445808	4.385135	4.322989	6.195249			
4.768889	4.707631	4.643781	4.578362	4.512371	4.445812	4.39116	6.248114			
4.846702	4.779353	4.725439	4.661039	4.594702	4.526243	4.455544	6.293724			
4.925006	4.856341	4.80098	4.737333	4.66549	4.592561	4.51823	6.340206			
5.008976	4.941756	4.874317	4.80452	4.732208	4.657207	4.579318	6.387173			
5.081929	4.912777	4.841184	4.766977	4.689953	4.609882	4.526529	6.433989			
4.955465	4.882481	4.806789	4.728168	4.646361	4.561078	4.471974	6.476875			
4.92757	4.85265	4.771101	4.688848	4.601368	4.510683	4.415546	6.541062			
4.988227	4.871854	4.734882	4.646588	4.554908	4.459621	4.357126	6.60662			
4.847414	4.783461	4.695687	4.603669	4.506905	4.404791	4.29658	6.684397			
4.835102	4.747635	4.655867	4.559287	4.457278	4.349884	4.233758	6.985109			
4.801257	4.710333	4.614567	4.513349	4.405933	4.293378	4.168484	7.118372			
4.765842	4.671504	4.571724	4.465776	4.352761	4.233132	4.100595	7.247717			
4.72881	4.631204	4.527265	4.416475	4.297647	4.169382	4.029848	7.370607			
4.690113	4.589038	4.481112	4.365342	4.240456	4.104777	3.956005	7.488447			
4.64969	4.545266	4.433172	4.31226	4.181034	4.037484	3.878782	7.601594			
4.607476	4.498907	4.383344	4.257095	4.113037	3.967739	3.797947	7.710364			
4.563396	4.452239	4.331508	4.199694	4.054769	3.893886	3.712814	7.815036			
4.517369	4.40279	4.277533	4.139881	3.987488	3.816985	3.623221	7.927213			
4.469286	4.351232	4.221265	4.077452	3.917085	3.740196	3.528918	8.035263			
4.493413	4.393516	4.284033	4.163615	4.030435	3.881934	3.714332	7.742409			
4.516467	4.449151	4.344204	4.245707	4.137451	4.017806	3.884482	7.829451			
4.538489	4.472228	4.401954	4.324073	4.238805	4.145128	4.041688	7.732959			
4.559545	4.510826	4.457443	4.399014	4.335052	4.264936	4.187856	7.633079			
4.579641	4.547019	4.51081	4.470786	4.425659	4.364536	4.295819	7.529619			
4.598816	4.581871	4.56218	4.539616	4.514021	4.485191	4.452874	7.422311			
4.6171	4.615444	4.611665	4.605702	4.597476	4.586887	4.573806	7.418832			
4.634517	4.647792	4.659365	4.669218	4.677321	4.683632	4.688086	7.444177			
4.651093	4.678965	4.705371	4.730318	4.753807	4.775832	4.796381	7.468913			
4.66849	4.70901	4.749765	4.791411	4.827161	4.86384	4.899192	7.493057			
4.681806	4.737988	4.795922	4.845811	4.897577	4.947358	4.995085	7.518623			
4.695983	4.765879	4.834308	4.900438	4.965233	5.028451	5.090148	7.539641			
4.709395	4.792777	4.873984	4.95312	5.030281	5.105353	5.17903	7.562115			
4.722361	4.818896	4.913938	5.008949	5.09286	5.174867	5.25380	7.586046			
4.733994	4.843665	4.949829	5.053004	5.153099	5.250375	5.345016	7.605501			
4.671548	4.777842	4.888842	4.980761	5.073793	5.172115	5.262876	7.595844			
4.680801	4.710805	4.810426	4.907068	5.00099	5.092147	5.180903	7.41105			
4.543306	4.642504	4.738621	4.831857	4.922394	5.010393	5.095999	7.309889			
4.477418	4.572881	4.665363	4.755057	4.842135	4.926735	5.008859	7.208933			
4.410283	4.501879	4.590584	4.676586	4.760052	4.841133	4.919966	7.098761			
4.341848	4.429433	4.51421	4.596361	4.676047	4.753414	4.828935	6.989449			
4.272052	4.355473	4.435016	4.514287	4.590313	4.663476	4.734802	6.874873			
4.200833	4.279925	4.356347	4.430265	4.501832	4.571182	4.638436	6.757182			
4.12812	4.202708	4.274675	4.344182	4.411375	4.476383	4.539322	6.635984			
4.053838	4.123733	4.191041	4.255916	4.318499	4.378912	4.437264	6.509889			
3.977908	4.042904	4.105329	4.165331	4.222343	4.27858	4.332045	6.379409			
3.902537	3.960113	4.017412	4.072716	4.126429	4.175177	4.223414	6.243839			
3.820731	3.875244	3.92715	3.976583	4.023655	4.068462	4.111085	6.130643			
3.739283	3.788167	3.834387	3.878063	3.919324	3.958616	3.994728	6.019696			
3.655773	3.698737	3.739945	3.77765	3.811483	3.843953	3.875955	5.907893			
3.574127	3.615817	3.654859	3.691341	3.725335	3.75889	3.78604	5.79252			
3.490372	3.523067	3.55848	3.59338	3.626716	3.657287	3.695476	5.693832			
3.404366	3.443221	3.479943	3.513898	3.545424	3.574578	3.602046	5.593026			
3.319348	3.353213	3.388157	3.420831	3.451271	3.479494	3.505502	5.698726			
3.228494	3.260474	3.290805	3.319484	3.345974	3.369849	3.405557	5.548287			
3.131117	3.164775	3.196337	3.225825	3.253251	3.278808	3.301876	5.378841			
3.034255	3.06585	3.09546	3.123006	3.148756	3.17242	3.194057	5.208016			
2.934071	2.963388	2.990383	3.016402	3.040079	3.061634	3.081629	5.028928			
2.830234	2.857021	2.882045	2.905289	2.926725	2.94631	2.963989	4.84066			
2.722355	2.746305	2.768599	2.789205	2.808084	2.825181	2.840427	4.646852			
2.60961	2.630702	2.649884	2.667466	2.683395	2.697605	2.710115	4.471488			
2.492471	2.509537	2.525131	2.539199	2.551677	2.56249	2.571545	4.312893			
2.369154	2.383955	2.397346	2.409344	2.41938	2.428377	2.435384	4.168467			
2.248494	2.260828	2.271804	2.28149	2.289829	2.296929	2.302822	4.0281			
2.100964	2.10664	2.102867	2.101572	2.098866	2.094048	2.087597	3.895572			
2.022984	2.033035	2.041767	2.048908	2.054465	2.058319	2.060399	3.771177			
1.943025	1.961791	1.978046	1.994741	2.008816	2.0212	2.031806	3.642291			
1.86098	1.888612	1.914637	1.939902	1.961719	1.982678	2.00183	3.508532			
1.778731	1.813477	1.846461	1.861688	1.871918	1.874238	1.871078	3.369951			
1.690156	1.73626	1.780433	1.822679	1.862992	1.901358	1.937749	3.226329			
1.60107	1.658866	1.710461	1.761921	1.811266	1.858505	1.903634	3.076506			
1.50945	1.575157	1.638439	1.699334	1.75789	1.814143	1.868118	2.921103			
1.414948	1.490989	1.564251	1.634826	1.702796	1.768229	1.831179	2.75831			
1.317468	1.404201	1.481796	1.560296	1.645898	1.720709	1.792787	2.589415			
1.216765	1.314612	1.40838	1.499627	1.58734	1.671554	1.752906	2.409987			
1.112588	1.222014	1.327301	1.428688	1.526391	1.620602	1.711491	2.221804			
1.00465	1.126173	1.242964	1.355332	1.463549	1.567862	1.668488				