

Delta Lamba for B

Ordnung	Feld [T]	r sigma - [px]	delta r sigma - [px]	r sigma + [px]	delta r sigma + [px]	Delta Lambda [pm]
1	0.49	507.033973065	23.7751330464	544.6851603	19.3350675653	9.569745983
2	0.49	617.12206326	17.2780317343	642.532920704	18.1245332607	9.3672969611
3	0.49	697.134596958	17.0783246504	718.762183488	13.3687742952	9.8328110689
4	0.49	764.192041899	15.1230275407	782.646958041	13.0897194183	9.720638842
5	0.49	822.956719285	14.6702361693	839.158512645	11.9991969496	9.5619929292
6	0.49	875.277549563	13.9441731714	890.406058039	11.6427579208	9.7910763914
7	0.49	923.500749934	14.0531079792	937.372493204	11.4097353992	9.7045888801
8	0.49	968.554285769	14.3111963642	981.633862672	9.7045373011	9.7934688273
9	0.49	1010.29926734	14.7001391142	1023.05275904	11.300697261	10.1331677743
1	0.57	503.810124588	23.5071429915	547.218128664	19.6766728068	11.0164386819
2	0.57	614.990260812	18.1134408361	644.351232071	17.578268324	10.8183749419
3	0.57	694.994453683	17.7122508271	720.193924978	14.1009849315	11.4469133478
4	0.57	762.902214684	14.3773745559	784.336135455	12.8757592157	11.294462655
5	0.57	821.525158659	14.2429457874	840.244147128	12.6792038769	11.0440294263
6	0.57	874.204741327	13.1624411573	891.567863794	12.2564192989	11.2381552857
7	0.57	922.49587568	13.4971314071	938.550623014	11.3671587148	11.233336716
8	0.57	967.05810444	13.1805935315	982.566749573	11.7607436194	11.6074498691
9	0.57	1009.27011966	13.6367093755	1023.02623889	10.187258185	10.9218020645
1	0.67	499.960294712	23.7877920705	550.371080713	19.712116465	12.7743234617
2	0.67	612.274597469	19.1035158836	646.917706574	17.5370717702	12.7617920176
3	0.67	692.507956269	17.7365085922	722.160315694	13.9478837437	13.4611574738
4	0.67	761.163238193	14.0728899745	785.681536774	12.602543259	12.9144430763
5	0.67	819.598674993	13.6096778319	841.599020013	12.4754631927	12.9730766581
6	0.67	872.807577648	12.1941176465	892.717325104	11.8657772772	12.8837250569
7	0.67	920.923130054	14.2462985718	939.576387224	11.294310553	13.0458699651
8	0.67	965.730372716	12.0648841529	983.516682691	11.6711286332	13.3084697202
9	0.67	1008.18072481	13.4392861864	1025.05042597	10.3088143269	13.4025410661
1	0.75	497.572863091	23.0444921794	552.381988688	19.8445566978	13.8775225291
2	0.75	610.082148833	19.3291704038	648.414254814	16.987152281	14.1060564858
3	0.75	690.770047342	18.4824216728	723.241810413	13.750441855	14.7293368406
4	0.75	759.63149282	13.7487906968	787.021597005	12.9806072211	14.4242096451
5	0.75	818.530987473	14.0563886624	842.734729766	12.2423962556	14.2732735804
6	0.75	871.485195264	11.9231550172	893.851612845	12.3265730876	14.4711361408
7	0.75	919.911616721	13.4408931259	940.299306165	10.9969325691	14.2556727014
8	0.75	964.800167576	12.266071454	984.225296829	11.5779415755	14.5323341304
9	0.75	1007.46518161	13.573195737	1023.15157829	6.6981222623	12.4398607646
1	0.82	494.905729537	24.0816679663	554.549350453	20.688846763	15.085194778
2	0.82	607.840723046	21.0946737915	650.088431961	16.8206361808	15.5337898741
3	0.82	688.718360733	20.3659482515	724.736681288	14.2888819606	16.3270309166
4	0.82	758.295611729	14.1627111928	788.269052238	13.7520063536	15.7831903156
5	0.82	817.391365404	14.2486322809	843.945714162	12.4405406008	15.6605011002
6	0.82	870.523399837	13.1755511887	894.98195213	13.3042408484	15.82702256
7	0.82	918.883246546	12.5651726834	941.322202344	11.8223958999	15.6899109121
8	0.82	963.822231046	12.5315699522	985.094344632	11.1493193506	15.9128255814
9	0.82	1006.11439118	14.8736880592	1024.8670095	8.9460723831	14.8752458668
1	0.89	493.737671266	24.8136539916	555.797554889	22.0245934669	15.6990592415
2	0.89	606.46672166	22.4291490396	650.666820466	17.0433903637	16.2322932502
3	0.89	687.225344515	22.2404631435	725.565917366	14.9755113866	17.3656934931
4	0.89	757.427015707	15.7590326058	789.018814994	15.0352183146	16.6333069879
5	0.89	816.746305052	14.8959762931	844.349254023	13.3650099204	16.2752461025
6	0.89	869.759614381	13.6670568991	895.481398455	13.9754708621	16.6407114539
7	0.89	918.467858092	14.2718003242	942.167052394	12.2877834596	16.5767057366
8	0.89	963.469771456	13.6682776462	985.426655755	12.1197527756	16.4248318956
9	0.89	1005.83726141	15.0482865172	1025.3616938	9.7624516114	15.4898145693

Avg Delta Lambda and Calc

Feld [T]	Avg Delta Lambda [pm]	3*Stddev Delta Lambda	Nu [GHz]	Delta Nu [GHz]	Nu/c [cm ⁻¹]	Delta Nu/c [cm ⁻¹]
0.49	9.7194208508	0.6417303453	9.77137854	0.6451608816	0.3259386021	0.0215202834
0.57	11.1801069987	0.7618787228	11.2398731652	0.7659515435	0.374922385	0.0255494324
0.67	13.0583776106	0.801152582	13.1281845607	0.8054353513	0.4379097695	0.0268664725
0.75	14.1232669798	2.0349235535	14.1987665726	2.0458017661	0.473620596	0.0682407058
0.82	15.6327457672	1.3026281339	15.716314671	1.309591671	0.5242406292	0.0436833428
0.89	16.3708514145	1.6542821972	16.4583660538	1.6631255924	0.5489928368	0.0554759831