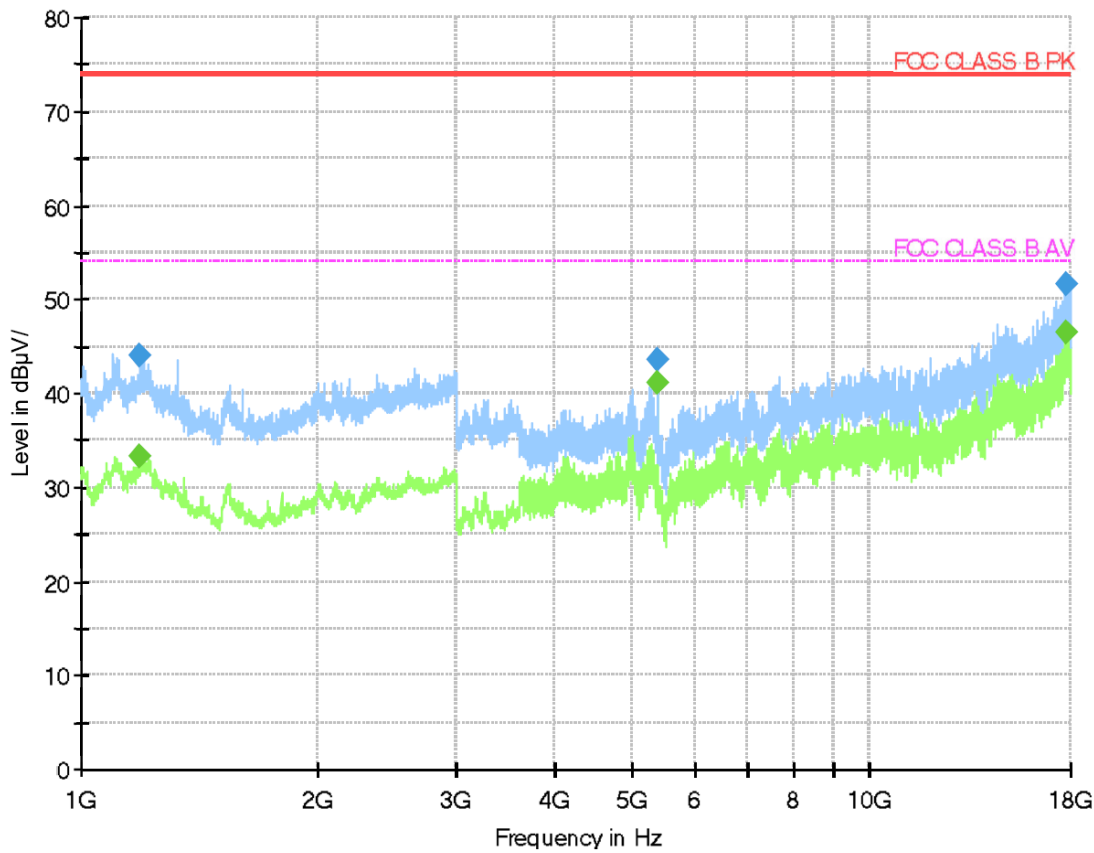


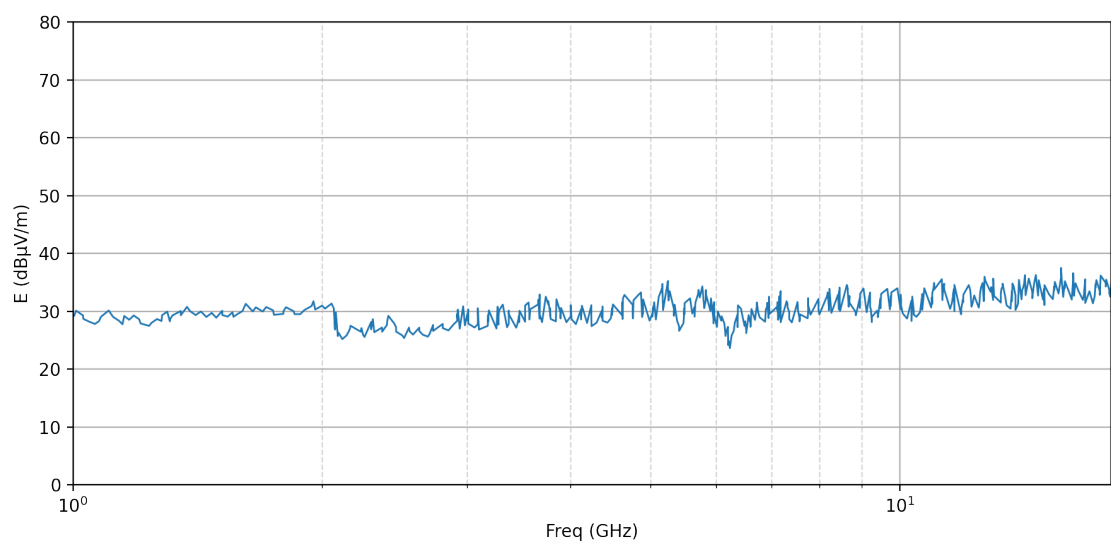
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 14 June 2022

FCC ID: A3LSMT978U (Configuration 4, Figure 25, Class B device)  
Frequency span: 1 GHz to 18 GHz  
RBW: 0.001 GHz, distance: 3 m  
Peak-to-average correction: N/A  
No. of sample points: 17,000  
Cumulative S level:  $7.006\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0483 mW

### EMC test spectral plot



### Plot of extracted data from EMC test spectral plot



*Table of extracted data from EMC test spectral plot*

Freq (GHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
0.292	31.73	3.173E+01	3.953E-12
0.292	31.06	3.106E+01	3.387E-12
0.298	30.53	3.053E+01	2.999E-12
0.299	31.39	3.139E+01	3.654E-12
0.302	29.51	2.951E+01	2.371E-12
0.306	28.97	2.897E+01	2.094E-12
0.309	28.27	2.827E+01	1.780E-12
0.313	29.65	2.965E+01	2.447E-12
0.315	28.81	2.881E+01	2.019E-12
0.322	29.53	2.953E+01	2.380E-12
0.322	30.20	3.020E+01	2.780E-12
0.33	30.46	3.046E+01	2.949E-12
0.331	32.33	3.233E+01	4.535E-12
0.332	31.21	3.121E+01	3.507E-12
0.338	30.36	3.036E+01	2.884E-12
0.34	30.05	3.005E+01	2.682E-12
0.34	31.26	3.126E+01	3.546E-12
0.346	32.08	3.208E+01	4.279E-12
0.348	32.87	3.287E+01	5.140E-12
0.355	32.01	3.201E+01	4.217E-12
0.357	31.34	3.134E+01	3.613E-12
0.362	30.66	3.066E+01	3.087E-12
0.365	29.82	2.982E+01	2.547E-12
0.371	29.54	2.954E+01	2.385E-12
0.371	30.37	3.037E+01	2.889E-12
0.372	31.04	3.104E+01	3.374E-12
0.381	30.60	3.060E+01	3.045E-12
0.383	31.42	3.142E+01	3.676E-12
0.39	31.94	3.194E+01	4.147E-12
0.392	31.26	3.126E+01	3.546E-12
0.397	32.63	3.263E+01	4.860E-12
0.402	31.97	3.197E+01	4.173E-12
0.407	32.83	3.283E+01	5.095E-12
0.412	31.68	3.168E+01	3.909E-12
0.413	32.40	3.240E+01	4.609E-12
0.424	31.32	3.132E+01	3.596E-12
0.425	30.52	3.052E+01	2.991E-12
0.427	30.14	3.014E+01	2.737E-12
0.431	31.21	3.121E+01	3.507E-12
0.438	30.41	3.041E+01	2.913E-12
0.439	29.85	2.985E+01	2.564E-12
0.444	29.11	2.911E+01	2.163E-12
0.453	29.86	2.986E+01	2.570E-12
0.453	30.42	3.042E+01	2.922E-12
0.465	29.43	2.943E+01	2.328E-12
0.467	28.79	2.879E+01	2.005E-12

0.469	30.14	3.014E+01	2.736E-12
0.476	30.14	3.014E+01	2.742E-12
0.479	29.43	2.943E+01	2.326E-12
0.487	28.59	2.859E+01	1.918E-12
0.495	29.25	2.925E+01	2.234E-12
0.496	28.13	2.813E+01	1.723E-12
0.497	30.78	3.078E+01	3.171E-12
0.497	30.19	3.019E+01	2.773E-12
0.502	29.42	2.942E+01	2.319E-12
0.505	28.59	2.859E+01	1.918E-12
0.509	27.95	2.795E+01	1.653E-12
0.512	27.25	2.725E+01	1.408E-12
0.524	27.64	2.764E+01	1.539E-12
0.528	27.13	2.713E+01	1.371E-12
0.537	26.98	2.698E+01	1.324E-12
0.544	27.72	2.772E+01	1.568E-12
0.546	28.72	2.872E+01	1.974E-12
0.557	27.19	2.719E+01	1.389E-12
0.558	27.77	2.777E+01	1.586E-12
0.567	26.70	2.670E+01	1.240E-12
0.568	27.86	2.786E+01	1.622E-12
0.576	27.01	2.701E+01	1.333E-12
0.583	26.21	2.621E+01	1.108E-12
0.597	25.63	2.563E+01	9.697E-13
0.6	26.29	2.629E+01	1.130E-12
0.605	27.09	2.709E+01	1.356E-12
0.61	27.81	2.781E+01	1.604E-12
0.617	28.30	2.830E+01	1.793E-12
0.617	28.88	2.888E+01	2.048E-12
0.627	29.80	2.980E+01	2.536E-12
0.631	29.01	2.901E+01	2.113E-12
0.637	29.95	2.995E+01	2.622E-12
0.639	28.26	2.826E+01	1.779E-12
0.646	27.69	2.769E+01	1.557E-12
0.658	28.29	2.829E+01	1.789E-12
0.661	27.05	2.705E+01	1.345E-12
0.668	27.78	2.778E+01	1.590E-12
0.678	28.06	2.806E+01	1.696E-12
0.681	26.91	2.691E+01	1.302E-12
0.687	27.15	2.715E+01	1.376E-12
0.69	26.21	2.621E+01	1.107E-12
0.702	27.28	2.728E+01	1.418E-12
0.705	26.68	2.668E+01	1.234E-12
0.713	26.06	2.606E+01	1.071E-12
0.726	26.55	2.655E+01	1.199E-12
0.734	25.96	2.596E+01	1.047E-12
0.75	25.78	2.578E+01	1.003E-12
0.756	26.59	2.659E+01	1.210E-12
0.771	28.15	2.815E+01	1.734E-12

0.775	27.57	2.757E+01	1.516E-12
0.775	26.90	2.690E+01	1.299E-12
0.789	26.50	2.650E+01	1.185E-12
0.803	26.05	2.605E+01	1.067E-12
0.811	26.75	2.675E+01	1.254E-12
0.826	26.35	2.635E+01	1.145E-12
0.831	28.43	2.843E+01	1.846E-12
0.831	27.53	2.753E+01	1.503E-12
0.833	29.16	2.916E+01	2.185E-12
0.839	26.80	2.680E+01	1.270E-12
0.856	27.76	2.776E+01	1.583E-12
0.863	27.01	2.701E+01	1.331E-12
0.881	27.60	2.760E+01	1.527E-12
0.898	26.95	2.695E+01	1.313E-12
0.908	27.75	2.775E+01	1.581E-12
0.916	27.09	2.709E+01	1.356E-12
0.931	28.39	2.839E+01	1.832E-12
0.932	27.73	2.773E+01	1.574E-12
0.957	27.85	2.785E+01	1.617E-12
0.959	28.45	2.845E+01	1.854E-12
0.975	27.96	2.796E+01	1.658E-12
0.979	27.38	2.738E+01	1.450E-12
0.988	28.45	2.845E+01	1.854E-12
1.004	29.27	2.927E+01	2.243E-12
1.008	30.11	3.011E+01	2.723E-12
1.028	29.30	2.930E+01	2.258E-12
1.029	28.69	2.869E+01	1.964E-12
1.047	28.18	2.818E+01	1.744E-12
1.063	27.81	2.781E+01	1.604E-12
1.075	28.31	2.831E+01	1.795E-12
1.081	29.06	2.906E+01	2.137E-12
1.093	29.60	2.960E+01	2.417E-12
1.105	30.14	3.014E+01	2.737E-12
1.118	29.04	2.904E+01	2.129E-12
1.137	28.36	2.836E+01	1.818E-12
1.148	27.77	2.777E+01	1.586E-12
1.153	29.20	2.920E+01	2.205E-12
1.169	28.54	2.854E+01	1.894E-12
1.184	29.29	2.929E+01	2.251E-12
1.202	28.63	2.863E+01	1.933E-12
1.207	27.90	2.790E+01	1.637E-12
1.236	27.47	2.747E+01	1.483E-12
1.244	28.02	2.802E+01	1.680E-12
1.264	28.67	2.867E+01	1.953E-12
1.279	28.32	2.832E+01	1.803E-12
1.281	29.32	2.932E+01	2.268E-12
1.3	29.95	2.995E+01	2.622E-12
1.309	28.28	2.828E+01	1.783E-12
1.31	28.64	2.864E+01	1.939E-12

1.319	29.28	2.928E+01	2.249E-12
1.35	30.05	3.005E+01	2.686E-12
1.35	29.33	2.933E+01	2.273E-12
1.374	30.78	3.078E+01	3.171E-12
1.385	30.04	3.004E+01	2.674E-12
1.407	29.36	2.936E+01	2.287E-12
1.428	29.97	2.997E+01	2.635E-12
1.449	29.02	2.902E+01	2.118E-12
1.471	29.72	2.972E+01	2.488E-12
1.49	28.90	2.890E+01	2.058E-12
1.515	30.10	3.010E+01	2.712E-12
1.515	29.36	2.936E+01	2.287E-12
1.538	29.08	2.908E+01	2.148E-12
1.559	29.83	2.983E+01	2.550E-12
1.563	29.05	2.905E+01	2.133E-12
1.582	29.56	2.956E+01	2.398E-12
1.603	30.03	3.003E+01	2.674E-12
1.612	30.80	3.080E+01	3.192E-12
1.618	31.29	3.129E+01	3.573E-12
1.65	29.98	2.998E+01	2.639E-12
1.664	30.69	3.069E+01	3.113E-12
1.696	29.96	2.996E+01	2.627E-12
1.712	30.74	3.074E+01	3.148E-12
1.745	30.17	3.017E+01	2.758E-12
1.75	29.40	2.940E+01	2.309E-12
1.796	29.56	2.956E+01	2.398E-12
1.796	30.00	3.000E+01	2.652E-12
1.809	30.71	3.071E+01	3.124E-12
1.849	30.01	3.001E+01	2.658E-12
1.853	29.51	2.951E+01	2.371E-12
1.883	29.51	2.951E+01	2.371E-12
1.904	30.22	3.022E+01	2.788E-12
1.943	30.92	3.092E+01	3.276E-12
1.953	31.75	3.175E+01	3.966E-12
1.963	30.31	3.031E+01	2.849E-12
2.001	30.98	3.098E+01	3.325E-12
2.017	30.46	3.046E+01	2.951E-12
2.054	31.35	3.135E+01	3.617E-12
2.067	30.50	3.050E+01	2.979E-12
2.074	26.84	2.684E+01	1.282E-12
2.074	27.43	2.743E+01	1.466E-12
2.074	29.17	2.917E+01	2.193E-12
2.074	28.59	2.859E+01	1.918E-12
2.074	28.01	2.801E+01	1.677E-12
2.079	29.82	2.982E+01	2.545E-12
2.09	25.72	2.572E+01	9.900E-13
2.094	26.33	2.633E+01	1.138E-12
2.117	25.20	2.520E+01	8.781E-13
2.142	25.84	2.584E+01	1.017E-12

## Calculate device radiated power from EMC test data

2.155	26.53	2.653E+01	1.192E-12
2.162	27.00	2.700E+01	1.329E-12
2.165	27.51	2.751E+01	1.494E-12
2.228	26.48	2.648E+01	1.179E-12
2.232	27.10	2.710E+01	1.360E-12
2.243	25.93	2.593E+01	1.039E-12
2.252	25.56	2.556E+01	9.553E-13
2.293	28.15	2.815E+01	1.734E-12
2.293	26.89	2.689E+01	1.297E-12
2.298	27.51	2.751E+01	1.496E-12
2.304	28.64	2.864E+01	1.939E-12
2.314	26.39	2.639E+01	1.155E-12
2.364	27.20	2.720E+01	1.393E-12
2.365	26.47	2.647E+01	1.177E-12
2.396	27.60	2.760E+01	1.527E-12
2.399	28.35	2.835E+01	1.813E-12
2.406	29.22	2.922E+01	2.218E-12
2.447	27.86	2.786E+01	1.622E-12
2.458	27.24	2.724E+01	1.405E-12
2.458	26.50	2.650E+01	1.184E-12
2.5	25.85	2.585E+01	1.020E-12
2.514	25.39	2.539E+01	9.169E-13
2.548	27.18	2.718E+01	1.387E-12
2.553	26.54	2.654E+01	1.195E-12
2.577	25.98	2.598E+01	1.051E-12
2.623	27.18	2.718E+01	1.387E-12
2.623	26.60	2.660E+01	1.213E-12
2.648	25.95	2.595E+01	1.045E-12
2.686	25.63	2.563E+01	9.697E-13
2.699	26.12	2.612E+01	1.084E-12
2.725	27.64	2.764E+01	1.539E-12
2.725	27.05	2.705E+01	1.346E-12
2.725	26.61	2.661E+01	1.215E-12
2.8	27.82	2.782E+01	1.606E-12
2.8	27.10	2.710E+01	1.360E-12
2.844	26.69	2.669E+01	1.238E-12
2.886	27.77	2.777E+01	1.586E-12
2.914	28.35	2.835E+01	1.813E-12
2.914	29.51	2.951E+01	2.371E-12
2.914	28.93	2.893E+01	2.074E-12
2.92	30.29	3.029E+01	2.836E-12
2.935	27.00	2.700E+01	1.330E-12
2.963	30.87	3.087E+01	3.243E-12
2.978	27.58	2.758E+01	1.518E-12
2.999	29.61	2.961E+01	2.425E-12
2.999	29.03	2.903E+01	2.121E-12
2.999	28.45	2.845E+01	1.854E-12
3.006	30.31	3.031E+01	2.852E-12
3.006	27.86	2.786E+01	1.622E-12

## Calculate device radiated power from EMC test data

3.059	27.20	2.720E+01	1.393E-12
3.087	27.74	2.774E+01	1.577E-12
3.087	28.20	2.820E+01	1.754E-12
3.087	28.79	2.879E+01	2.005E-12
3.087	29.37	2.937E+01	2.293E-12
3.087	29.95	2.995E+01	2.622E-12
3.087	30.53	3.053E+01	2.999E-12
3.096	26.84	2.684E+01	1.282E-12
3.174	27.49	2.749E+01	1.490E-12
3.177	29.37	2.937E+01	2.293E-12
3.177	28.79	2.879E+01	2.005E-12
3.177	28.20	2.820E+01	1.754E-12
3.183	30.15	3.015E+01	2.749E-12
3.251	27.03	2.703E+01	1.339E-12
3.261	30.80	3.080E+01	3.189E-12
3.269	28.30	2.830E+01	1.793E-12
3.269	27.72	2.772E+01	1.568E-12
3.269	29.47	2.947E+01	2.345E-12
3.269	28.88	2.888E+01	2.051E-12
3.275	30.12	3.012E+01	2.729E-12
3.309	31.16	3.116E+01	3.468E-12
3.348	27.24	2.724E+01	1.405E-12
3.365	27.86	2.786E+01	1.622E-12
3.365	28.93	2.893E+01	2.074E-12
3.365	28.35	2.835E+01	1.813E-12
3.365	30.10	3.010E+01	2.712E-12
3.365	29.51	2.951E+01	2.371E-12
3.435	27.18	2.718E+01	1.384E-12
3.446	27.79	2.779E+01	1.595E-12
3.463	29.27	2.927E+01	2.243E-12
3.463	28.69	2.869E+01	1.961E-12
3.463	28.11	2.811E+01	1.718E-12
3.466	30.10	3.010E+01	2.712E-12
3.521	28.20	2.820E+01	1.754E-12
3.521	31.01	3.101E+01	3.344E-12
3.555	31.53	3.153E+01	3.776E-12
3.564	29.59	2.959E+01	2.416E-12
3.564	29.01	2.901E+01	2.113E-12
3.564	28.58	2.858E+01	1.914E-12
3.572	30.36	3.036E+01	2.879E-12
3.65	31.18	3.118E+01	3.481E-12
3.654	32.01	3.201E+01	4.215E-12
3.665	28.74	2.874E+01	1.983E-12
3.668	32.91	3.291E+01	5.186E-12
3.668	30.58	3.058E+01	3.033E-12
3.668	30.00	3.000E+01	2.652E-12
3.668	29.42	2.942E+01	2.319E-12
3.692	28.14	2.814E+01	1.729E-12
3.73	32.52	3.252E+01	4.743E-12



3.757	31.18	3.118E+01	3.481E-12
3.757	31.76	3.176E+01	3.981E-12
3.775	29.79	2.979E+01	2.527E-12
3.775	29.21	2.921E+01	2.209E-12
3.776	30.52	3.052E+01	2.988E-12
3.78	28.69	2.869E+01	1.961E-12
3.836	28.26	2.826E+01	1.776E-12
3.842	32.08	3.208E+01	4.279E-12
3.857	31.28	3.128E+01	3.562E-12
3.885	29.85	2.985E+01	2.564E-12
3.885	29.27	2.927E+01	2.243E-12
3.886	28.76	2.876E+01	1.992E-12
3.892	30.58	3.058E+01	3.033E-12
3.95	28.11	2.811E+01	1.717E-12
3.998	29.13	2.913E+01	2.169E-12
3.998	29.71	2.971E+01	2.480E-12
3.998	30.29	3.029E+01	2.836E-12
3.998	31.07	3.107E+01	3.391E-12
4.007	28.64	2.864E+01	1.939E-12
4.056	27.79	2.779E+01	1.593E-12
4.114	30.34	3.034E+01	2.868E-12
4.114	29.76	2.976E+01	2.508E-12
4.114	29.17	2.917E+01	2.193E-12
4.114	28.59	2.859E+01	1.918E-12
4.124	30.97	3.097E+01	3.316E-12
4.184	27.99	2.799E+01	1.671E-12
4.234	31.07	3.107E+01	3.391E-12
4.234	30.48	3.048E+01	2.966E-12
4.234	29.90	2.990E+01	2.593E-12
4.234	29.32	2.932E+01	2.268E-12
4.234	28.74	2.874E+01	1.983E-12
4.237	27.44	2.744E+01	1.470E-12
4.297	28.04	2.804E+01	1.690E-12
4.358	30.08	3.008E+01	2.702E-12
4.358	29.50	2.950E+01	2.363E-12
4.358	28.91	2.891E+01	2.066E-12
4.368	30.84	3.084E+01	3.219E-12
4.368	28.37	2.837E+01	1.824E-12
4.428	28.05	2.805E+01	1.693E-12
4.471	28.79	2.879E+01	2.005E-12
4.485	30.53	3.053E+01	2.999E-12
4.485	29.95	2.995E+01	2.622E-12
4.485	29.37	2.937E+01	2.293E-12
4.496	31.20	3.120E+01	3.497E-12
4.616	29.27	2.927E+01	2.243E-12
4.616	29.85	2.985E+01	2.564E-12
4.616	30.44	3.044E+01	2.933E-12
4.616	31.02	3.102E+01	3.354E-12
4.616	31.60	3.160E+01	3.835E-12

4.619	28.66	2.866E+01	1.950E-12
4.624	32.26	3.226E+01	4.460E-12
4.644	32.84	3.284E+01	5.100E-12
4.75	31.12	3.112E+01	3.429E-12
4.75	30.53	3.053E+01	2.999E-12
4.75	29.95	2.995E+01	2.622E-12
4.75	29.37	2.937E+01	2.293E-12
4.754	28.77	2.877E+01	1.998E-12
4.762	31.92	3.192E+01	4.127E-12
4.827	32.84	3.284E+01	5.104E-12
4.862	33.27	3.327E+01	5.629E-12
4.877	29.02	2.902E+01	2.115E-12
4.889	29.66	2.966E+01	2.452E-12
4.889	30.24	3.024E+01	2.804E-12
4.889	31.41	3.141E+01	3.667E-12
4.889	30.82	3.082E+01	3.207E-12
4.891	32.05	3.205E+01	4.255E-12
4.98	28.39	2.839E+01	1.829E-12
5.02	29.67	2.967E+01	2.458E-12
5.02	29.09	2.909E+01	2.149E-12
5.032	30.81	3.081E+01	3.195E-12
5.032	30.24	3.024E+01	2.804E-12
5.044	31.56	3.156E+01	3.802E-12
5.068	28.59	2.859E+01	1.918E-12
5.108	32.50	3.250E+01	4.719E-12
5.154	33.92	3.392E+01	6.534E-12
5.154	33.33	3.333E+01	5.714E-12
5.159	34.74	3.474E+01	7.899E-12
5.17	30.23	3.023E+01	2.794E-12
5.178	30.82	3.082E+01	3.201E-12
5.188	31.52	3.152E+01	3.764E-12
5.241	35.24	3.524E+01	8.870E-12
5.241	34.66	3.466E+01	7.756E-12
5.241	34.08	3.408E+01	6.782E-12
5.246	32.63	3.263E+01	4.862E-12
5.249	31.88	3.188E+01	4.086E-12
5.266	33.49	3.349E+01	5.931E-12
5.329	30.39	3.039E+01	2.900E-12
5.329	29.80	2.980E+01	2.536E-12
5.329	29.22	2.922E+01	2.218E-12
5.34	31.16	3.116E+01	3.468E-12
5.375	28.40	2.840E+01	1.834E-12
5.406	27.38	2.738E+01	1.450E-12
5.406	26.62	2.662E+01	1.219E-12
5.472	27.94	2.794E+01	1.650E-12
5.478	28.88	2.888E+01	2.051E-12
5.485	30.60	3.060E+01	3.044E-12
5.485	30.02	3.002E+01	2.662E-12
5.485	29.45	2.945E+01	2.336E-12

5.491	31.42	3.142E+01	3.679E-12
5.574	32.25	3.225E+01	4.449E-12
5.609	29.61	2.961E+01	2.425E-12
5.645	30.79	3.079E+01	3.183E-12
5.645	30.28	3.028E+01	2.831E-12
5.645	29.08	2.908E+01	2.144E-12
5.658	31.53	3.153E+01	3.774E-12
5.699	32.98	3.298E+01	5.264E-12
5.707	33.71	3.371E+01	6.233E-12
5.726	32.39	3.239E+01	4.603E-12
5.768	34.30	3.430E+01	7.146E-12
5.799	30.56	3.056E+01	3.016E-12
5.809	31.20	3.120E+01	3.494E-12
5.823	31.90	3.190E+01	4.113E-12
5.823	33.66	3.366E+01	6.156E-12
5.823	33.07	3.307E+01	5.383E-12
5.899	30.05	3.005E+01	2.685E-12
5.908	32.23	3.223E+01	4.435E-12
5.95	28.53	2.853E+01	1.889E-12
5.95	27.94	2.794E+01	1.652E-12
5.95	30.92	3.092E+01	3.280E-12
5.959	31.59	3.159E+01	3.827E-12
5.964	29.20	2.920E+01	2.205E-12
6.007	27.31	2.731E+01	1.428E-12
6.022	29.97	2.997E+01	2.632E-12
6.08	28.38	2.838E+01	1.827E-12
6.086	29.14	2.914E+01	2.178E-12
6.132	27.90	2.790E+01	1.636E-12
6.153	25.74	2.574E+01	9.953E-13
6.165	26.50	2.650E+01	1.186E-12
6.193	27.31	2.731E+01	1.427E-12
6.197	24.17	2.417E+01	6.934E-13
6.209	24.90	2.490E+01	8.200E-13
6.227	23.64	2.364E+01	6.131E-13
6.257	25.82	2.582E+01	1.014E-12
6.295	26.60	2.660E+01	1.213E-12
6.314	28.02	2.802E+01	1.683E-12
6.359	29.39	2.939E+01	2.306E-12
6.36	28.80	2.880E+01	2.010E-12
6.363	27.26	2.726E+01	1.410E-12
6.368	31.03	3.103E+01	3.366E-12
6.424	30.44	3.044E+01	2.933E-12
6.433	29.92	2.992E+01	2.605E-12
6.486	27.50	2.750E+01	1.491E-12
6.498	28.27	2.827E+01	1.781E-12
6.517	26.79	2.679E+01	1.268E-12
6.517	26.24	2.624E+01	1.115E-12
6.561	29.34	2.934E+01	2.278E-12
6.596	27.86	2.786E+01	1.622E-12

6.596	27.33	2.733E+01	1.434E-12
6.613	30.40	3.040E+01	2.907E-12
6.678	28.53	2.853E+01	1.890E-12
6.71	30.81	3.081E+01	3.200E-12
6.713	31.54	3.154E+01	3.783E-12
6.739	29.76	2.976E+01	2.508E-12
6.766	28.95	2.895E+01	2.081E-12
6.87	28.20	2.820E+01	1.754E-12
6.883	30.33	3.033E+01	2.861E-12
6.903	30.68	3.068E+01	3.101E-12
6.91	31.47	3.147E+01	3.724E-12
6.936	28.83	2.883E+01	2.028E-12
6.944	32.52	3.252E+01	4.743E-12
6.953	29.54	2.954E+01	2.385E-12
7.104	30.79	3.079E+01	3.183E-12
7.104	30.21	3.021E+01	2.784E-12
7.112	31.61	3.161E+01	3.847E-12
7.121	28.54	2.854E+01	1.894E-12
7.138	29.03	2.903E+01	2.121E-12
7.147	32.61	3.261E+01	4.836E-12
7.15	29.69	2.969E+01	2.472E-12
7.173	33.49	3.349E+01	5.931E-12
7.173	28.12	2.812E+01	1.720E-12
7.294	31.75	3.175E+01	3.966E-12
7.311	31.26	3.126E+01	3.546E-12
7.311	30.68	3.068E+01	3.101E-12
7.346	29.95	2.995E+01	2.622E-12
7.346	29.25	2.925E+01	2.234E-12
7.346	28.67	2.867E+01	1.954E-12
7.399	28.08	2.808E+01	1.704E-12
7.519	31.61	3.161E+01	3.840E-12
7.525	30.89	3.089E+01	3.255E-12
7.525	30.31	3.031E+01	2.847E-12
7.561	28.73	2.873E+01	1.979E-12
7.561	28.26	2.826E+01	1.778E-12
7.572	29.47	2.947E+01	2.350E-12
7.733	28.80	2.880E+01	2.010E-12
7.744	29.92	2.992E+01	2.603E-12
7.744	30.50	3.050E+01	2.977E-12
7.744	32.25	3.225E+01	4.452E-12
7.744	31.67	3.167E+01	3.893E-12
7.744	31.08	3.108E+01	3.404E-12
7.794	29.40	2.940E+01	2.312E-12
7.97	32.14	3.214E+01	4.337E-12
7.97	31.36	3.136E+01	3.627E-12
7.97	30.78	3.078E+01	3.171E-12
7.97	30.19	3.019E+01	2.773E-12
7.989	29.45	2.945E+01	2.339E-12
8.163	32.65	3.265E+01	4.886E-12

8.177	33.27	3.327E+01	5.635E-12
8.202	30.84	3.084E+01	3.219E-12
8.202	31.42	3.142E+01	3.681E-12
8.202	30.18	3.018E+01	2.765E-12
8.216	32.05	3.205E+01	4.255E-12
8.216	33.88	3.388E+01	6.486E-12
8.261	29.73	2.973E+01	2.494E-12
8.417	32.91	3.291E+01	5.186E-12
8.435	30.34	3.034E+01	2.868E-12
8.441	33.45	3.345E+01	5.865E-12
8.441	31.54	3.154E+01	3.778E-12
8.451	34.11	3.411E+01	6.838E-12
8.456	32.22	3.222E+01	4.421E-12
8.456	30.92	3.092E+01	3.280E-12
8.462	30.05	3.005E+01	2.682E-12
8.625	34.56	3.456E+01	7.585E-12
8.646	33.98	3.398E+01	6.632E-12
8.646	33.40	3.340E+01	5.800E-12
8.671	30.80	3.080E+01	3.186E-12
8.688	32.65	3.265E+01	4.886E-12
8.688	32.07	3.207E+01	4.273E-12
8.688	31.49	3.149E+01	3.736E-12
8.834	29.93	2.993E+01	2.609E-12
8.843	29.32	2.932E+01	2.268E-12
8.941	32.28	3.228E+01	4.485E-12
8.941	31.70	3.170E+01	3.922E-12
8.941	31.12	3.112E+01	3.429E-12
8.945	30.58	3.058E+01	3.033E-12
8.948	33.01	3.301E+01	5.304E-12
9.034	33.95	3.395E+01	6.583E-12
9.114	29.85	2.985E+01	2.564E-12
9.18	32.60	3.260E+01	4.823E-12
9.202	33.25	3.325E+01	5.609E-12
9.202	31.96	3.196E+01	4.163E-12
9.202	31.37	3.137E+01	3.640E-12
9.202	30.79	3.079E+01	3.183E-12
9.224	30.26	3.026E+01	2.815E-12
9.246	28.13	2.813E+01	1.724E-12
9.248	29.05	2.905E+01	2.129E-12
9.38	30.10	3.010E+01	2.712E-12
9.402	29.51	2.951E+01	2.371E-12
9.402	28.98	2.898E+01	2.097E-12
9.47	32.23	3.223E+01	4.435E-12
9.47	31.65	3.165E+01	3.878E-12
9.47	31.07	3.107E+01	3.391E-12
9.47	30.52	3.052E+01	2.988E-12
9.488	33.01	3.301E+01	5.304E-12
9.653	33.88	3.388E+01	6.486E-12
9.723	30.32	3.032E+01	2.857E-12

9.746	32.65	3.265E+01	4.886E-12
9.746	32.07	3.207E+01	4.273E-12
9.746	31.49	3.149E+01	3.736E-12
9.746	30.91	3.091E+01	3.267E-12
9.763	33.27	3.327E+01	5.635E-12
9.929	33.98	3.398E+01	6.632E-12
10.013	30.38	3.038E+01	2.895E-12
10.018	32.86	3.286E+01	5.129E-12
10.03	32.17	3.217E+01	4.369E-12
10.03	31.59	3.159E+01	3.821E-12
10.03	31.00	3.100E+01	3.341E-12
10.079	29.62	2.962E+01	2.430E-12
10.2	28.75	2.875E+01	1.990E-12
10.323	31.83	3.183E+01	4.041E-12
10.323	31.25	3.125E+01	3.533E-12
10.323	30.66	3.066E+01	3.090E-12
10.328	28.33	2.833E+01	1.805E-12
10.348	32.55	3.255E+01	4.769E-12
10.39	30.15	3.015E+01	2.747E-12
10.39	29.44	2.944E+01	2.330E-12
10.467	29.05	2.905E+01	2.130E-12
10.573	29.80	2.980E+01	2.536E-12
10.624	32.17	3.217E+01	4.369E-12
10.624	31.59	3.159E+01	3.821E-12
10.624	31.03	3.103E+01	3.360E-12
10.636	32.99	3.299E+01	5.282E-12
10.641	30.27	3.027E+01	2.825E-12
10.701	33.98	3.398E+01	6.632E-12
10.908	30.67	3.067E+01	3.094E-12
10.934	32.46	3.246E+01	4.673E-12
10.934	31.88	3.188E+01	4.086E-12
10.934	31.26	3.126E+01	3.546E-12
10.94	33.11	3.311E+01	5.424E-12
10.986	34.19	3.419E+01	6.962E-12
10.995	34.91	3.491E+01	8.212E-12
10.999	33.76	3.376E+01	6.307E-12
11.236	35.55	3.555E+01	9.527E-12
11.253	32.46	3.246E+01	4.673E-12
11.253	31.94	3.194E+01	4.147E-12
11.268	33.21	3.321E+01	5.560E-12
11.307	34.77	3.477E+01	7.961E-12
11.307	34.19	3.419E+01	6.962E-12
11.316	33.66	3.366E+01	6.156E-12
11.498	30.44	3.044E+01	2.933E-12
11.548	31.30	3.130E+01	3.578E-12
11.581	32.25	3.225E+01	4.452E-12
11.581	31.80	3.180E+01	4.011E-12
11.593	33.08	3.308E+01	5.391E-12
11.62	33.84	3.384E+01	6.428E-12

11.636	30.04	3.004E+01	2.677E-12
11.636	34.56	3.456E+01	7.585E-12
11.854	29.48	2.948E+01	2.352E-12
11.862	30.42	3.042E+01	2.922E-12
11.884	31.16	3.116E+01	3.468E-12
11.918	32.07	3.207E+01	4.273E-12
11.918	31.55	3.155E+01	3.792E-12
11.931	32.89	3.289E+01	5.165E-12
12.11	34.53	3.453E+01	7.528E-12
12.149	33.92	3.392E+01	6.534E-12
12.167	33.38	3.338E+01	5.774E-12
12.205	30.80	3.080E+01	3.188E-12
12.248	31.51	3.151E+01	3.759E-12
12.266	32.05	3.205E+01	4.257E-12
12.295	32.73	3.273E+01	4.973E-12
12.454	30.65	3.065E+01	3.078E-12
12.473	31.36	3.136E+01	3.627E-12
12.503	33.30	3.330E+01	5.672E-12
12.527	34.06	3.406E+01	6.752E-12
12.585	34.90	3.490E+01	8.189E-12
12.628	31.76	3.176E+01	3.979E-12
12.636	32.48	3.248E+01	4.700E-12
12.654	35.97	3.597E+01	1.049E-11
12.678	35.36	3.536E+01	9.111E-12
12.868	33.38	3.338E+01	5.778E-12
12.893	34.17	3.417E+01	6.936E-12
12.961	31.95	3.195E+01	4.152E-12
12.961	35.66	3.566E+01	9.772E-12
12.971	34.90	3.490E+01	8.202E-12
12.996	32.66	3.266E+01	4.897E-12
13.241	31.50	3.150E+01	3.750E-12
13.243	33.17	3.317E+01	5.505E-12
13.269	33.96	3.396E+01	6.603E-12
13.307	34.22	3.422E+01	7.014E-12
13.307	34.78	3.478E+01	7.976E-12
13.403	32.60	3.260E+01	4.823E-12
13.456	31.03	3.103E+01	3.366E-12
13.604	30.46	3.046E+01	2.951E-12
13.656	33.50	3.350E+01	5.944E-12
13.656	31.76	3.176E+01	3.975E-12
13.679	34.81	3.481E+01	8.021E-12
13.728	34.27	3.427E+01	7.093E-12
13.794	32.72	3.272E+01	4.960E-12
13.794	30.24	3.024E+01	2.804E-12
13.86	30.91	3.091E+01	3.267E-12
13.893	31.36	3.136E+01	3.627E-12
13.926	35.44	3.544E+01	9.275E-12
14.027	32.06	3.206E+01	4.265E-12
14.054	33.69	3.369E+01	6.202E-12

14.094	34.13	3.413E+01	6.859E-12
14.128	34.79	3.479E+01	7.991E-12
14.162	36.25	3.625E+01	1.117E-11
14.186	32.79	3.279E+01	5.039E-12
14.313	35.64	3.564E+01	9.730E-12
14.453	33.37	3.337E+01	5.767E-12
14.453	32.26	3.226E+01	4.460E-12
14.505	34.03	3.403E+01	6.707E-12
14.525	34.76	3.476E+01	7.931E-12
14.598	36.28	3.628E+01	1.126E-11
14.689	32.72	3.272E+01	4.960E-12
14.715	35.37	3.537E+01	9.138E-12
14.893	32.03	3.203E+01	4.231E-12
14.928	33.87	3.387E+01	6.462E-12
14.928	33.28	3.328E+01	5.650E-12
14.948	31.08	3.108E+01	3.400E-12
14.954	34.52	3.452E+01	7.512E-12
15.144	32.93	3.293E+01	5.206E-12
15.307	32.11	3.211E+01	4.311E-12
15.364	34.30	3.430E+01	7.146E-12
15.364	33.72	3.372E+01	6.249E-12
15.393	35.09	3.509E+01	8.558E-12
15.549	33.08	3.308E+01	5.393E-12
15.661	35.92	3.592E+01	1.037E-11
15.661	37.48	3.748E+01	1.483E-11
15.661	36.89	3.689E+01	1.297E-11
15.751	32.48	3.248E+01	4.695E-12
15.812	34.55	3.455E+01	7.556E-12
15.812	33.96	3.396E+01	6.608E-12
15.828	35.20	3.520E+01	8.785E-12
16.002	33.43	3.343E+01	5.849E-12
16.134	32.03	3.203E+01	4.234E-12
16.195	35.59	3.559E+01	9.618E-12
16.195	36.60	3.660E+01	1.213E-11
16.234	32.69	3.269E+01	4.923E-12
16.273	34.21	3.421E+01	6.988E-12
16.301	34.85	3.485E+01	8.111E-12
16.429	33.59	3.359E+01	6.065E-12
16.639	31.98	3.198E+01	4.181E-12
16.685	32.79	3.279E+01	5.041E-12
16.747	35.53	3.553E+01	9.485E-12
16.747	34.82	3.482E+01	8.051E-12
16.747	34.24	3.424E+01	7.040E-12
16.747	31.45	3.145E+01	3.702E-12
16.949	33.47	3.347E+01	5.902E-12
17.071	31.94	3.194E+01	4.147E-12
17.112	31.39	3.139E+01	3.654E-12
17.195	32.56	3.256E+01	4.783E-12
17.236	34.68	3.468E+01	7.785E-12



17.236	34.09	3.409E+01	6.808E-12
17.277	35.39	3.539E+01	9.183E-12
17.443	33.46	3.346E+01	5.881E-12
17.443	32.84	3.284E+01	5.100E-12
17.485	36.18	3.618E+01	1.101E-11
17.738	34.87	3.487E+01	8.141E-12
17.738	34.29	3.429E+01	7.119E-12
17.757	35.48	3.548E+01	9.364E-12
17.909	33.71	3.371E+01	6.225E-12
17.909	33.12	3.312E+01	5.444E-12
17.964	32.54	3.254E+01	4.758E-12
18.026	36.10	3.610E+01	1.081E-11
18.256	34.16	3.416E+01	6.910E-12
18.256	34.74	3.474E+01	7.902E-12
18.278	35.41	3.541E+01	9.223E-12
18.431	32.70	3.270E+01	4.941E-12
18.431	32.14	3.214E+01	4.337E-12
18.476	33.45	3.345E+01	5.872E-12
18.52	36.16	3.616E+01	1.097E-11
18.779	31.82	3.182E+01	4.037E-12
18.788	34.81	3.481E+01	8.021E-12
18.788	34.22	3.422E+01	7.014E-12
18.82	35.45	3.545E+01	9.305E-12
18.969	32.90	3.290E+01	5.167E-12
18.969	32.39	3.239E+01	4.603E-12
19.014	33.58	3.358E+01	6.048E-12
19.244	36.52	3.652E+01	1.191E-11
19.336	34.17	3.417E+01	6.936E-12
19.336	34.76	3.476E+01	7.931E-12
19.373	35.51	3.551E+01	9.443E-12
19.522	37.17	3.717E+01	1.382E-11
19.543	33.27	3.327E+01	5.637E-12
19.569	32.67	3.267E+01	4.904E-12
19.833	36.37	3.637E+01	1.150E-11
19.852	37.09	3.709E+01	1.356E-11
19.9	34.58	3.458E+01	7.613E-12
19.9	34.00	3.400E+01	6.657E-12
19.928	35.36	3.536E+01	9.111E-12
20.057	32.79	3.279E+01	5.039E-12
20.14	33.45	3.345E+01	5.865E-12
20.382	31.96	3.196E+01	4.167E-12
20.431	35.98	3.598E+01	1.052E-11
20.48	34.64	3.464E+01	7.727E-12
20.51	34.10	3.410E+01	6.813E-12
20.515	35.31	3.531E+01	9.012E-12
20.707	33.40	3.340E+01	5.800E-12
20.707	32.68	3.268E+01	4.915E-12
20.876	30.97	3.097E+01	3.316E-12
20.982	31.94	3.194E+01	4.142E-12

21.007	36.29	3.629E+01	1.129E-11
21.077	34.81	3.481E+01	8.021E-12
21.077	34.22	3.422E+01	7.014E-12
21.128	35.47	3.547E+01	9.353E-12
21.28	32.78	3.278E+01	5.034E-12
21.309	33.53	3.353E+01	5.975E-12
21.331	32.31	3.231E+01	4.510E-12
21.588	36.80	3.680E+01	1.268E-11
21.658	31.75	3.175E+01	3.973E-12
21.692	34.43	3.443E+01	7.362E-12
21.692	35.02	3.502E+01	8.419E-12
21.716	35.85	3.585E+01	1.020E-11
21.864	32.61	3.261E+01	4.834E-12
21.901	33.24	3.324E+01	5.588E-12
21.923	33.90	3.390E+01	6.507E-12
21.999	31.29	3.129E+01	3.569E-12
22.229	31.98	3.198E+01	4.185E-12
22.241	35.95	3.595E+01	1.044E-11
22.325	35.13	3.513E+01	8.641E-12
22.325	34.55	3.455E+01	7.556E-12
22.325	36.80	3.680E+01	1.268E-11
22.54	33.24	3.324E+01	5.588E-12
22.54	32.65	3.265E+01	4.886E-12
22.594	33.93	3.393E+01	6.559E-12
22.713	31.00	3.100E+01	3.342E-12
22.866	31.38	3.138E+01	3.647E-12
22.921	32.03	3.203E+01	4.231E-12
22.976	35.31	3.531E+01	9.003E-12
22.976	34.72	3.472E+01	7.873E-12
23.141	33.49	3.349E+01	5.931E-12
23.141	32.91	3.291E+01	5.186E-12
23.237	34.02	3.402E+01	6.696E-12
23.308	31.58	3.158E+01	3.814E-12
23.533	32.44	3.244E+01	4.651E-12
23.533	37.67	3.767E+01	1.551E-11
23.617	35.15	3.515E+01	8.673E-12
23.68	34.56	3.456E+01	7.585E-12
23.702	37.03	3.703E+01	1.338E-11
23.702	36.45	3.645E+01	1.170E-11
23.759	35.87	3.587E+01	1.026E-11
23.854	33.72	3.372E+01	6.249E-12
24.034	32.78	3.278E+01	5.027E-12
24.335	34.53	3.453E+01	7.528E-12
24.335	33.95	3.395E+01	6.583E-12
24.382	35.30	3.530E+01	8.989E-12
24.394	32.12	3.212E+01	4.321E-12
24.394	35.90	3.590E+01	1.031E-11
24.599	36.55	3.655E+01	1.199E-11
24.715	33.05	3.305E+01	5.358E-12

25.045	34.34	3.434E+01	7.199E-12
25.045	33.75	3.375E+01	6.295E-12
25.075	32.26	3.226E+01	4.460E-12
25.105	35.07	3.507E+01	8.524E-12
25.165	31.60	3.160E+01	3.835E-12
25.208	35.74	3.574E+01	9.950E-12
25.278	36.69	3.669E+01	1.236E-11
25.286	36.16	3.616E+01	1.097E-11
25.469	33.02	3.302E+01	5.317E-12
25.775	33.88	3.388E+01	6.486E-12
25.775	36.12	3.612E+01	1.085E-11
25.803	34.71	3.471E+01	7.851E-12
25.837	32.39	3.239E+01	4.598E-12
25.899	35.57	3.557E+01	9.556E-12
26.19	31.64	3.164E+01	3.871E-12
26.211	33.34	3.334E+01	5.728E-12
26.4	32.56	3.256E+01	4.783E-12
26.527	34.19	3.419E+01	6.962E-12
26.559	34.88	3.488E+01	8.156E-12
26.7	35.51	3.551E+01	9.424E-12
26.812	36.43	3.643E+01	1.167E-11
26.95	33.56	3.356E+01	6.018E-12
26.976	32.85	3.285E+01	5.110E-12
27.333	34.44	3.444E+01	7.376E-12
27.432	35.61	3.561E+01	9.645E-12
27.432	35.05	3.505E+01	8.482E-12
27.531	36.77	3.677E+01	1.261E-11
27.63	36.21	3.621E+01	1.109E-11
27.714	33.57	3.357E+01	6.040E-12
27.877	32.94	3.294E+01	5.220E-12
28.097	32.52	3.252E+01	4.743E-12
28.164	34.55	3.455E+01	7.566E-12
28.232	35.67	3.567E+01	9.786E-12
28.232	35.05	3.505E+01	8.482E-12
28.367	36.29	3.629E+01	1.128E-11
28.422	37.01	3.701E+01	1.332E-11
28.623	33.70	3.370E+01	6.220E-12
28.887	34.58	3.458E+01	7.621E-12
28.951	37.90	3.790E+01	1.636E-11
29.087	35.43	3.543E+01	9.256E-12
29.195	36.65	3.665E+01	1.227E-11
29.245	37.32	3.732E+01	1.432E-11
29.265	36.19	3.619E+01	1.103E-11
29.546	33.22	3.322E+01	5.562E-12
29.674	34.04	3.404E+01	6.722E-12
29.802	37.88	3.788E+01	1.629E-11
29.81	34.80	3.480E+01	8.008E-12
29.954	35.51	3.551E+01	9.424E-12
30.003	36.04	3.604E+01	1.065E-11

30.046	36.57	3.657E+01	1.204E-11
30.118	37.23	3.723E+01	1.403E-11
30.408	33.79	3.379E+01	6.342E-12
30.701	34.64	3.464E+01	7.713E-12
30.827	35.26	3.526E+01	8.898E-12
30.922	36.96	3.696E+01	1.317E-11
30.922	36.38	3.638E+01	1.151E-11
30.937	35.84	3.584E+01	1.019E-11
30.959	37.62	3.762E+01	1.534E-11
31.228	38.47	3.847E+01	1.864E-11
31.566	39.03	3.903E+01	2.121E-11
31.647	34.22	3.422E+01	7.014E-12
31.714	35.19	3.519E+01	8.771E-12
31.824	37.12	3.712E+01	1.367E-11
31.824	36.54	3.654E+01	1.195E-11
31.824	35.95	3.595E+01	1.045E-11
31.843	37.83	3.783E+01	1.609E-11
31.9	38.45	3.845E+01	1.855E-11
32.44	34.27	3.427E+01	7.093E-12
32.595	34.61	3.461E+01	7.670E-12
32.631	35.47	3.547E+01	9.351E-12
32.752	36.89	3.689E+01	1.297E-11
32.752	36.31	3.631E+01	1.134E-11
32.752	33.44	3.344E+01	5.852E-12
32.831	37.57	3.757E+01	1.517E-11
33.546	39.95	3.995E+01	2.623E-11
33.586	35.51	3.551E+01	9.432E-12
33.626	34.76	3.476E+01	7.931E-12
33.626	34.34	3.434E+01	7.199E-12
33.707	37.10	3.710E+01	1.361E-11
33.707	36.52	3.652E+01	1.191E-11
33.707	36.07	3.607E+01	1.073E-11
33.744	37.93	3.793E+01	1.645E-11
33.869	38.98	3.898E+01	2.098E-11
33.869	38.50	3.850E+01	1.876E-11
34.195	34.55	3.455E+01	7.563E-12
34.607	35.37	3.537E+01	9.131E-12
34.649	36.32	3.632E+01	1.136E-11
34.69	36.97	3.697E+01	1.321E-11
34.69	35.83	3.583E+01	1.014E-11
34.74	37.77	3.777E+01	1.586E-11
34.857	38.53	3.853E+01	1.890E-11
34.895	39.36	3.936E+01	2.287E-11
35.024	40.49	4.049E+01	2.966E-11
35.108	40.00	4.000E+01	2.653E-11
35.108	35.29	3.529E+01	8.969E-12
35.361	41.75	4.175E+01	3.967E-11
35.702	41.00	4.100E+01	3.342E-11
35.702	36.93	3.693E+01	1.307E-11

35.702	36.30	3.630E+01	1.131E-11
35.77	37.71	3.771E+01	1.565E-11
35.873	38.61	3.861E+01	1.925E-11
35.873	38.06	3.806E+01	1.696E-11
35.912	39.44	3.944E+01	2.329E-11
36.083	40.40	4.040E+01	2.910E-11
36.436	36.50	3.650E+01	1.186E-11
36.783	37.20	3.720E+01	1.391E-11
36.919	40.96	4.096E+01	3.305E-11
36.919	39.21	3.921E+01	2.210E-11
36.919	38.62	3.862E+01	1.933E-11
36.919	38.04	3.804E+01	1.690E-11
36.949	39.95	3.995E+01	2.620E-11
37.186	40.49	4.049E+01	2.966E-11
37.814	37.48	3.748E+01	1.486E-11
37.996	38.16	3.816E+01	1.735E-11
37.996	38.53	3.853E+01	1.890E-11
37.996	39.11	3.911E+01	2.161E-11
37.996	39.88	3.988E+01	2.582E-11
37.996	41.05	4.105E+01	3.377E-11
38.178	41.75	4.175E+01	3.967E-11
38.301	36.80	3.680E+01	1.268E-11
38.638	41.07	4.107E+01	3.392E-11
38.948	40.31	4.031E+01	2.851E-11
38.992	37.44	3.744E+01	1.470E-11
39.104	38.95	3.895E+01	2.082E-11
39.104	38.37	3.837E+01	1.821E-11
39.104	37.96	3.796E+01	1.659E-11
39.171	39.61	3.961E+01	2.426E-11
39.292	35.44	3.544E+01	9.292E-12
39.386	36.40	3.640E+01	1.157E-11
39.528	35.87	3.587E+01	1.026E-11
40.148	37.72	3.772E+01	1.569E-11
40.148	37.24	3.724E+01	1.404E-11
40.244	39.45	3.945E+01	2.337E-11
40.244	38.87	3.887E+01	2.044E-11
40.244	38.28	3.828E+01	1.787E-11
40.293	40.17	4.017E+01	2.759E-11
40.507	35.71	3.571E+01	9.871E-12
40.535	36.47	3.647E+01	1.176E-11
41.418	38.80	3.880E+01	2.013E-11
41.418	38.22	3.822E+01	1.761E-11
41.418	37.64	3.764E+01	1.540E-11
41.418	37.05	3.705E+01	1.346E-11
41.463	39.62	3.962E+01	2.431E-11
41.617	40.47	4.047E+01	2.955E-11
41.688	36.37	3.637E+01	1.149E-11
42.321	40.94	4.094E+01	3.293E-11
42.473	36.12	3.612E+01	1.085E-11

42.524	36.83	3.683E+01	1.277E-11
42.626	39.08	3.908E+01	2.145E-11
42.626	38.50	3.850E+01	1.876E-11
42.626	37.91	3.791E+01	1.640E-11
42.626	37.33	3.733E+01	1.434E-11
42.683	39.81	3.981E+01	2.537E-11
42.933	40.41	4.041E+01	2.917E-11
43.503	40.89	4.089E+01	3.253E-11
43.555	41.65	4.165E+01	3.879E-11
43.869	38.98	3.898E+01	2.098E-11
43.869	38.40	3.840E+01	1.834E-11
43.869	37.89	3.789E+01	1.631E-11
43.917	39.81	3.981E+01	2.537E-11
44.504	36.50	3.650E+01	1.186E-11
44.504	37.25	3.725E+01	1.409E-11
44.825	40.78	4.078E+01	3.172E-11
45.148	40.05	4.005E+01	2.683E-11
45.148	39.47	3.947E+01	2.346E-11
45.148	38.88	3.888E+01	2.051E-11
45.148	38.30	3.830E+01	1.794E-11
45.257	37.79	3.779E+01	1.595E-11
45.912	37.55	3.755E+01	1.508E-11
46.022	41.17	4.117E+01	3.469E-11
46.022	40.58	4.058E+01	3.034E-11
46.11	41.94	4.194E+01	4.148E-11
46.354	37.91	3.791E+01	1.640E-11
46.465	39.03	3.903E+01	2.121E-11
46.465	38.45	3.845E+01	1.855E-11
46.554	39.81	3.981E+01	2.537E-11
46.576	37.43	3.743E+01	1.467E-11
47.251	38.50	3.850E+01	1.876E-11
47.364	41.49	4.149E+01	3.737E-11
47.364	40.91	4.091E+01	3.268E-11
47.416	42.30	4.230E+01	4.509E-11
47.432	40.33	4.033E+01	2.862E-11
47.706	38.75	3.875E+01	1.989E-11
47.872	39.44	3.944E+01	2.329E-11
48.512	42.90	4.290E+01	5.169E-11
48.603	43.60	4.360E+01	6.082E-11
48.745	41.68	4.168E+01	3.908E-11
48.745	41.10	4.110E+01	3.418E-11
48.745	40.52	4.052E+01	2.989E-11
48.815	39.98	3.998E+01	2.641E-11
48.829	42.34	4.234E+01	4.551E-11
48.909	38.81	3.881E+01	2.015E-11
49.333	39.42	3.942E+01	2.320E-11
49.688	40.87	4.087E+01	3.244E-11
49.688	40.29	4.029E+01	2.837E-11
49.927	43.24	4.324E+01	5.589E-11

## Calculate device radiated power from EMC test data

49.981	44.07	4.407E+01	6.771E-11
50.15	42.55	4.255E+01	4.774E-11
50.15	41.26	4.126E+01	3.547E-11
50.253	41.90	4.190E+01	4.109E-11
51.015	44.88	4.488E+01	8.153E-11
51.383	44.18	4.418E+01	6.938E-11
51.383	43.59	4.359E+01	6.067E-11
51.383	43.01	4.301E+01	5.305E-11
51.506	42.13	4.213E+01	4.328E-11
51.878	41.46	4.146E+01	3.710E-11
51.878	40.87	4.087E+01	3.244E-11
51.878	40.09	4.009E+01	2.705E-11