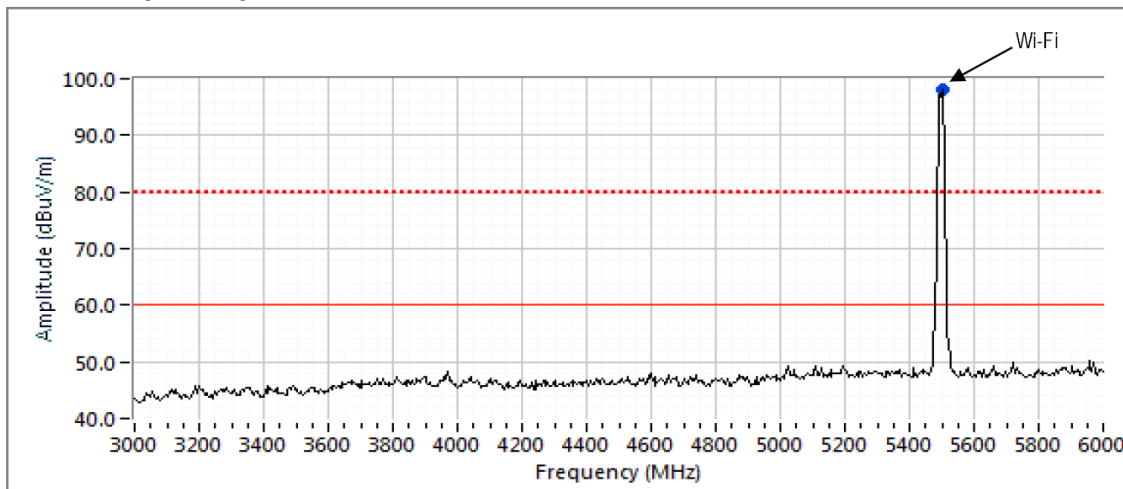


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 3, Figure 43b, Class A device)
Frequency span: 3,000 MHz to 6,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -0.00 dB
No. of sample points: 3,000
Cumulative S level: 3.845×10^{-7} W/m²
Device radiated power: 0.0265 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

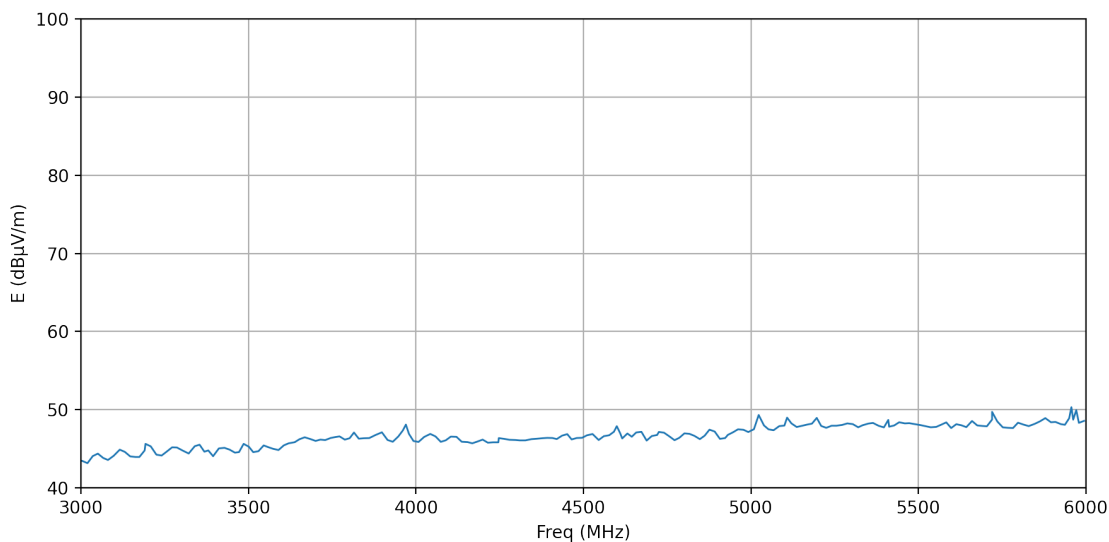


Table of extracted data from EMC test spectral plot

| Freq (MHz) | E (dBμV/m) | E (V/m rms) | S (W/m²) |
|------------|------------|-------------|-----------|
| 3003 | 43.43 | 4.343E+01 | 5.840E-11 |
| 3019 | 43.14 | 4.314E+01 | 5.470E-11 |
| 3035 | 44.05 | 4.405E+01 | 6.743E-11 |
| 3050 | 44.36 | 4.436E+01 | 7.244E-11 |
| 3066 | 43.81 | 4.381E+01 | 6.378E-11 |
| 3080 | 43.55 | 4.355E+01 | 6.005E-11 |
| 3097 | 44.08 | 4.408E+01 | 6.790E-11 |
| 3115 | 44.87 | 4.487E+01 | 8.144E-11 |
| 3130 | 44.59 | 4.459E+01 | 7.632E-11 |
| 3146 | 44.01 | 4.401E+01 | 6.675E-11 |
| 3162 | 43.93 | 4.393E+01 | 6.562E-11 |
| 3174 | 43.93 | 4.393E+01 | 6.562E-11 |
| 3189 | 44.76 | 4.476E+01 | 7.943E-11 |
| 3192 | 45.61 | 4.561E+01 | 9.659E-11 |
| 3208 | 45.30 | 4.530E+01 | 8.981E-11 |
| 3225 | 44.23 | 4.423E+01 | 7.025E-11 |
| 3240 | 44.12 | 4.412E+01 | 6.848E-11 |
| 3256 | 44.64 | 4.464E+01 | 7.716E-11 |
| 3271 | 45.17 | 4.517E+01 | 8.719E-11 |
| 3286 | 45.15 | 4.515E+01 | 8.680E-11 |
| 3303 | 44.76 | 4.476E+01 | 7.939E-11 |
| 3321 | 44.38 | 4.438E+01 | 7.269E-11 |
| 3339 | 45.32 | 4.532E+01 | 9.022E-11 |
| 3354 | 45.50 | 4.550E+01 | 9.420E-11 |
| 3368 | 44.61 | 4.461E+01 | 7.672E-11 |
| 3380 | 44.77 | 4.477E+01 | 7.961E-11 |
| 3394 | 44.03 | 4.403E+01 | 6.713E-11 |
| 3411 | 45.03 | 4.503E+01 | 8.446E-11 |
| 3428 | 45.11 | 4.511E+01 | 8.596E-11 |
| 3443 | 44.87 | 4.487E+01 | 8.138E-11 |
| 3459 | 44.49 | 4.449E+01 | 7.457E-11 |
| 3471 | 44.56 | 4.456E+01 | 7.573E-11 |
| 3485 | 45.61 | 4.561E+01 | 9.659E-11 |
| 3501 | 45.25 | 4.525E+01 | 8.882E-11 |
| 3514 | 44.55 | 4.455E+01 | 7.564E-11 |
| 3529 | 44.67 | 4.467E+01 | 7.782E-11 |
| 3545 | 45.42 | 4.542E+01 | 9.229E-11 |
| 3559 | 45.18 | 4.518E+01 | 8.739E-11 |
| 3574 | 44.97 | 4.497E+01 | 8.332E-11 |
| 3589 | 44.82 | 4.482E+01 | 8.052E-11 |
| 3605 | 45.42 | 4.542E+01 | 9.229E-11 |
| 3619 | 45.68 | 4.568E+01 | 9.814E-11 |
| 3637 | 45.82 | 4.582E+01 | 1.014E-10 |
| 3652 | 46.21 | 4.621E+01 | 1.107E-10 |
| 3667 | 46.45 | 4.645E+01 | 1.172E-10 |
| 3683 | 46.24 | 4.624E+01 | 1.117E-10 |

Calculate device radiated power from EMC test data

| | | | |
|------|-------|-----------|-----------|
| 3700 | 45.99 | 4.599E+01 | 1.053E-10 |
| 3714 | 46.16 | 4.616E+01 | 1.095E-10 |
| 3729 | 46.10 | 4.610E+01 | 1.080E-10 |
| 3745 | 46.36 | 4.636E+01 | 1.148E-10 |
| 3757 | 46.47 | 4.647E+01 | 1.177E-10 |
| 3771 | 46.57 | 4.657E+01 | 1.204E-10 |
| 3787 | 46.16 | 4.616E+01 | 1.095E-10 |
| 3802 | 46.33 | 4.633E+01 | 1.140E-10 |
| 3815 | 47.06 | 4.706E+01 | 1.349E-10 |
| 3829 | 46.28 | 4.628E+01 | 1.126E-10 |
| 3844 | 46.33 | 4.633E+01 | 1.140E-10 |
| 3860 | 46.35 | 4.635E+01 | 1.146E-10 |
| 3878 | 46.74 | 4.674E+01 | 1.251E-10 |
| 3898 | 47.09 | 4.709E+01 | 1.358E-10 |
| 3915 | 46.11 | 4.611E+01 | 1.082E-10 |
| 3931 | 45.88 | 4.588E+01 | 1.028E-10 |
| 3947 | 46.56 | 4.656E+01 | 1.200E-10 |
| 3961 | 47.33 | 4.733E+01 | 1.433E-10 |
| 3970 | 48.08 | 4.808E+01 | 1.705E-10 |
| 3979 | 46.90 | 4.690E+01 | 1.298E-10 |
| 3992 | 45.98 | 4.598E+01 | 1.051E-10 |
| 4007 | 45.86 | 4.586E+01 | 1.022E-10 |
| 4024 | 46.50 | 4.650E+01 | 1.185E-10 |
| 4043 | 46.88 | 4.688E+01 | 1.294E-10 |
| 4058 | 46.56 | 4.656E+01 | 1.202E-10 |
| 4074 | 45.87 | 4.587E+01 | 1.025E-10 |
| 4089 | 46.07 | 4.607E+01 | 1.072E-10 |
| 4104 | 46.54 | 4.654E+01 | 1.196E-10 |
| 4121 | 46.51 | 4.651E+01 | 1.189E-10 |
| 4136 | 45.88 | 4.588E+01 | 1.028E-10 |
| 4154 | 45.84 | 4.584E+01 | 1.017E-10 |
| 4168 | 45.68 | 4.568E+01 | 9.814E-11 |
| 4183 | 45.91 | 4.591E+01 | 1.034E-10 |
| 4199 | 46.16 | 4.616E+01 | 1.095E-10 |
| 4215 | 45.76 | 4.576E+01 | 9.994E-11 |
| 4230 | 45.81 | 4.581E+01 | 1.011E-10 |
| 4246 | 45.81 | 4.581E+01 | 1.011E-10 |
| 4247 | 46.35 | 4.635E+01 | 1.146E-10 |
| 4265 | 46.24 | 4.624E+01 | 1.116E-10 |
| 4279 | 46.13 | 4.613E+01 | 1.089E-10 |
| 4297 | 46.11 | 4.611E+01 | 1.082E-10 |
| 4310 | 46.06 | 4.606E+01 | 1.070E-10 |
| 4327 | 46.06 | 4.606E+01 | 1.070E-10 |
| 4345 | 46.22 | 4.622E+01 | 1.110E-10 |
| 4360 | 46.27 | 4.627E+01 | 1.123E-10 |
| 4377 | 46.33 | 4.633E+01 | 1.140E-10 |
| 4392 | 46.38 | 4.638E+01 | 1.152E-10 |
| 4407 | 46.36 | 4.636E+01 | 1.148E-10 |
| 4420 | 46.23 | 4.623E+01 | 1.113E-10 |

| | | | |
|------|-------|-----------|-----------|
| 4436 | 46.66 | 4.666E+01 | 1.230E-10 |
| 4452 | 46.86 | 4.686E+01 | 1.287E-10 |
| 4465 | 46.18 | 4.618E+01 | 1.101E-10 |
| 4480 | 46.36 | 4.636E+01 | 1.148E-10 |
| 4496 | 46.39 | 4.639E+01 | 1.155E-10 |
| 4510 | 46.70 | 4.670E+01 | 1.242E-10 |
| 4527 | 46.87 | 4.687E+01 | 1.291E-10 |
| 4545 | 46.11 | 4.611E+01 | 1.082E-10 |
| 4561 | 46.60 | 4.660E+01 | 1.213E-10 |
| 4577 | 46.71 | 4.671E+01 | 1.244E-10 |
| 4591 | 47.16 | 4.716E+01 | 1.380E-10 |
| 4599 | 47.88 | 4.788E+01 | 1.627E-10 |
| 4610 | 46.97 | 4.697E+01 | 1.321E-10 |
| 4616 | 46.30 | 4.630E+01 | 1.133E-10 |
| 4631 | 46.94 | 4.694E+01 | 1.312E-10 |
| 4644 | 46.53 | 4.653E+01 | 1.192E-10 |
| 4657 | 47.07 | 4.707E+01 | 1.351E-10 |
| 4673 | 47.16 | 4.716E+01 | 1.378E-10 |
| 4689 | 46.03 | 4.603E+01 | 1.064E-10 |
| 4704 | 46.62 | 4.662E+01 | 1.217E-10 |
| 4720 | 46.75 | 4.675E+01 | 1.255E-10 |
| 4725 | 47.14 | 4.714E+01 | 1.372E-10 |
| 4740 | 47.04 | 4.704E+01 | 1.343E-10 |
| 4756 | 46.58 | 4.658E+01 | 1.206E-10 |
| 4772 | 46.08 | 4.608E+01 | 1.076E-10 |
| 4786 | 46.39 | 4.639E+01 | 1.156E-10 |
| 4801 | 46.96 | 4.696E+01 | 1.316E-10 |
| 4817 | 46.90 | 4.690E+01 | 1.298E-10 |
| 4832 | 46.63 | 4.663E+01 | 1.221E-10 |
| 4848 | 46.22 | 4.622E+01 | 1.110E-10 |
| 4862 | 46.66 | 4.666E+01 | 1.229E-10 |
| 4876 | 47.43 | 4.743E+01 | 1.467E-10 |
| 4892 | 47.19 | 4.719E+01 | 1.390E-10 |
| 4907 | 46.25 | 4.625E+01 | 1.120E-10 |
| 4923 | 46.35 | 4.635E+01 | 1.146E-10 |
| 4931 | 46.76 | 4.676E+01 | 1.259E-10 |
| 4947 | 47.09 | 4.709E+01 | 1.359E-10 |
| 4961 | 47.47 | 4.747E+01 | 1.483E-10 |
| 4978 | 47.42 | 4.742E+01 | 1.463E-10 |
| 4992 | 47.13 | 4.713E+01 | 1.369E-10 |
| 5009 | 47.49 | 4.749E+01 | 1.488E-10 |
| 5023 | 49.31 | 4.931E+01 | 2.263E-10 |
| 5039 | 47.97 | 4.797E+01 | 1.662E-10 |
| 5053 | 47.47 | 4.747E+01 | 1.483E-10 |
| 5068 | 47.36 | 4.736E+01 | 1.443E-10 |
| 5085 | 47.88 | 4.788E+01 | 1.630E-10 |
| 5100 | 47.95 | 4.795E+01 | 1.656E-10 |
| 5108 | 48.97 | 4.897E+01 | 2.093E-10 |
| 5121 | 48.23 | 4.823E+01 | 1.765E-10 |

| | | | |
|------|-------|-----------|-----------|
| 5137 | 47.77 | 4.777E+01 | 1.588E-10 |
| 5154 | 47.93 | 4.793E+01 | 1.648E-10 |
| 5168 | 48.08 | 4.808E+01 | 1.705E-10 |
| 5182 | 48.20 | 4.820E+01 | 1.753E-10 |
| 5197 | 48.93 | 4.893E+01 | 2.075E-10 |
| 5210 | 47.90 | 4.790E+01 | 1.637E-10 |
| 5225 | 47.67 | 4.767E+01 | 1.550E-10 |
| 5241 | 47.93 | 4.793E+01 | 1.648E-10 |
| 5255 | 47.93 | 4.793E+01 | 1.648E-10 |
| 5272 | 48.03 | 4.803E+01 | 1.686E-10 |
| 5288 | 48.23 | 4.823E+01 | 1.765E-10 |
| 5304 | 48.14 | 4.814E+01 | 1.729E-10 |
| 5320 | 47.74 | 4.774E+01 | 1.575E-10 |
| 5334 | 48.00 | 4.800E+01 | 1.673E-10 |
| 5350 | 48.21 | 4.821E+01 | 1.755E-10 |
| 5365 | 48.29 | 4.829E+01 | 1.789E-10 |
| 5382 | 47.92 | 4.792E+01 | 1.644E-10 |
| 5397 | 47.72 | 4.772E+01 | 1.571E-10 |
| 5410 | 48.67 | 4.867E+01 | 1.955E-10 |
| 5413 | 47.81 | 4.781E+01 | 1.602E-10 |
| 5428 | 47.96 | 4.796E+01 | 1.660E-10 |
| 5443 | 48.38 | 4.838E+01 | 1.826E-10 |
| 5460 | 48.23 | 4.823E+01 | 1.765E-10 |
| 5473 | 48.26 | 4.826E+01 | 1.777E-10 |
| 5505 | 48.03 | 4.803E+01 | 1.683E-10 |
| 5537 | 47.73 | 4.773E+01 | 1.575E-10 |
| 5554 | 47.79 | 4.779E+01 | 1.593E-10 |
| 5569 | 48.08 | 4.808E+01 | 1.705E-10 |
| 5583 | 48.36 | 4.836E+01 | 1.820E-10 |
| 5598 | 47.64 | 4.764E+01 | 1.540E-10 |
| 5613 | 48.13 | 4.813E+01 | 1.725E-10 |
| 5628 | 47.99 | 4.799E+01 | 1.671E-10 |
| 5643 | 47.76 | 4.776E+01 | 1.582E-10 |
| 5660 | 48.54 | 4.854E+01 | 1.895E-10 |
| 5676 | 47.97 | 4.797E+01 | 1.662E-10 |
| 5691 | 47.90 | 4.790E+01 | 1.637E-10 |
| 5705 | 47.86 | 4.786E+01 | 1.620E-10 |
| 5720 | 48.72 | 4.872E+01 | 1.977E-10 |
| 5720 | 49.71 | 4.971E+01 | 2.482E-10 |
| 5736 | 48.48 | 4.848E+01 | 1.868E-10 |
| 5752 | 47.73 | 4.773E+01 | 1.571E-10 |
| 5767 | 47.67 | 4.767E+01 | 1.550E-10 |
| 5783 | 47.64 | 4.764E+01 | 1.540E-10 |
| 5798 | 48.32 | 4.832E+01 | 1.801E-10 |
| 5814 | 48.08 | 4.808E+01 | 1.705E-10 |
| 5830 | 47.88 | 4.788E+01 | 1.630E-10 |
| 5848 | 48.18 | 4.818E+01 | 1.745E-10 |
| 5864 | 48.50 | 4.850E+01 | 1.879E-10 |
| 5879 | 48.91 | 4.891E+01 | 2.063E-10 |

Calculate device radiated power from EMC test data

| | | | |
|------|-------|-----------|-----------|
| 5896 | 48.38 | 4.838E+01 | 1.826E-10 |
| 5910 | 48.42 | 4.842E+01 | 1.844E-10 |
| 5926 | 48.13 | 4.813E+01 | 1.725E-10 |
| 5938 | 48.06 | 4.806E+01 | 1.696E-10 |
| 5950 | 48.89 | 4.889E+01 | 2.052E-10 |
| 5957 | 50.31 | 5.031E+01 | 2.848E-10 |
| 5963 | 48.71 | 4.871E+01 | 1.972E-10 |
| 5972 | 49.93 | 4.993E+01 | 2.612E-10 |
| 5979 | 48.30 | 4.830E+01 | 1.795E-10 |
| 5995 | 48.56 | 4.856E+01 | 1.902E-10 |