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FCC ID: 2AFYJ-OASLV204 (Configuration 2, Figure 35a, Class A device)
Frequency span: 1,000 MHz to 6,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -0.00 dB
No. of sample points: 5,000
Cumulative S level: 4.666E-07 W/m²
Device radiated power: 0.0322 mW

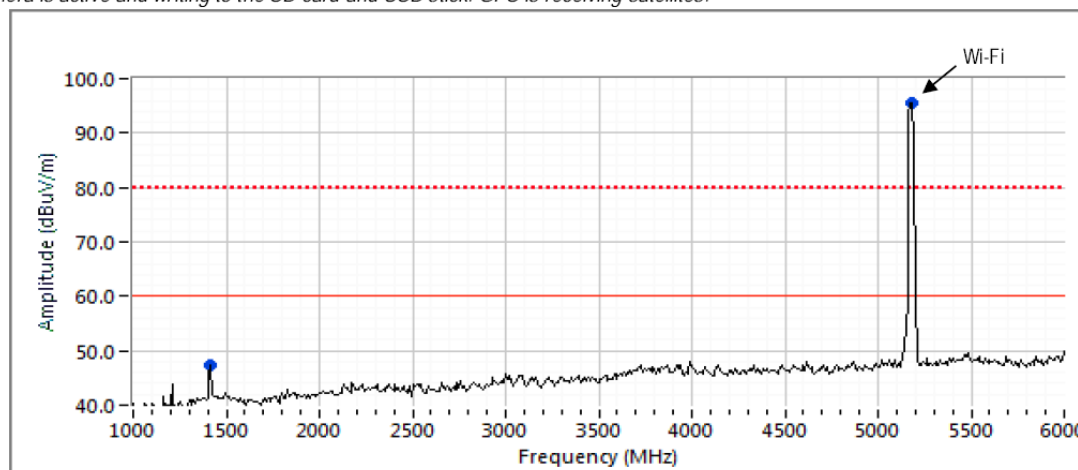
EMC test spectral plot

Run #3: Maximized Readings, 1000 - 40000 MHz

Test Parameters for Preliminary Scan(s)			
Frequency Range (MHz)	Prescan Distance (meters)	Limit Distance (meters)	Extrapolation Factor (dB, applied to data)
1000 - 40000	3	3	0.0

EUT and Test Configuration Details

LTE modem (R202) is transmitting at 707.5 MHz (Ch# 23095) with max power, 802.11n20 Ch#36 transmitting with max RF power, Camera is active and writing to the SD card and USB stick. GPS is receiving satellites.



Plot of extracted data from EMC test spectral plot

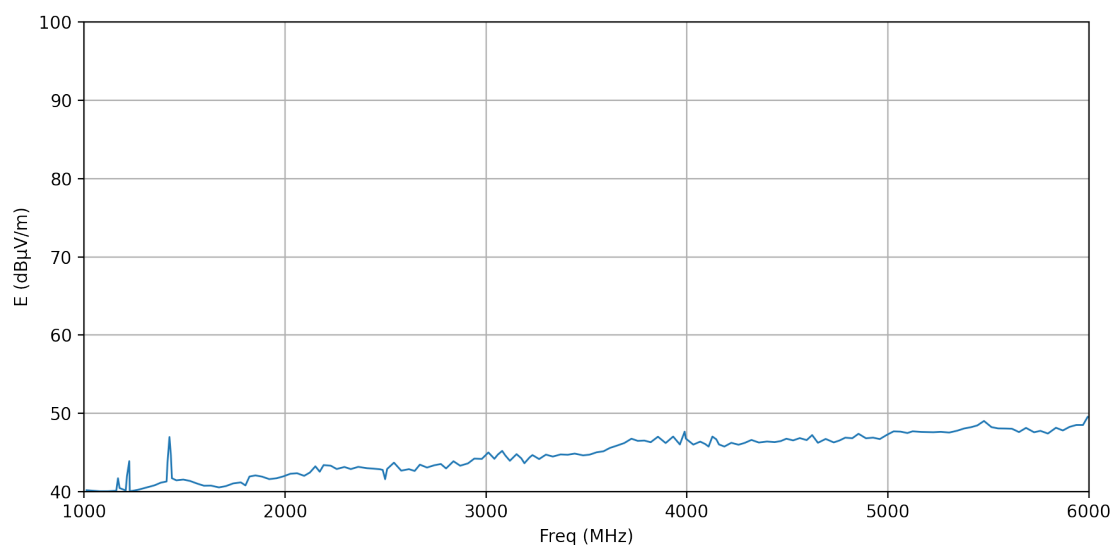


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
1012	40.17	4.017E+01	2.761E-11
1078	40.04	4.004E+01	2.679E-11
1118	40.04	4.004E+01	2.679E-11
1160	40.11	4.011E+01	2.720E-11
1168	41.71	4.171E+01	3.928E-11
1176	40.45	4.045E+01	2.944E-11
1207	40.14	4.014E+01	2.740E-11
1213	42.00	4.200E+01	4.205E-11
1224	43.89	4.389E+01	6.496E-11
1227	40.05	4.005E+01	2.683E-11
1241	40.10	4.010E+01	2.714E-11
1267	40.22	4.022E+01	2.792E-11
1350	40.80	4.080E+01	3.188E-11
1381	41.14	4.114E+01	3.448E-11
1410	41.29	4.129E+01	3.571E-11
1415	43.71	4.371E+01	6.236E-11
1420	45.42	4.542E+01	9.249E-11
1424	46.97	4.697E+01	1.321E-10
1431	44.66	4.466E+01	7.762E-11
1437	41.71	4.171E+01	3.928E-11
1459	41.44	4.144E+01	3.694E-11
1493	41.54	4.154E+01	3.779E-11
1527	41.36	4.136E+01	3.625E-11
1562	41.02	4.102E+01	3.356E-11
1596	40.75	4.075E+01	3.152E-11
1631	40.77	4.077E+01	3.164E-11
1671	40.54	4.054E+01	3.000E-11
1705	40.70	4.070E+01	3.116E-11
1741	41.04	4.104E+01	3.371E-11
1780	41.18	4.118E+01	3.477E-11
1803	40.79	4.079E+01	3.182E-11
1823	41.92	4.192E+01	4.130E-11
1852	42.07	4.207E+01	4.268E-11
1886	41.91	4.191E+01	4.116E-11
1921	41.59	4.159E+01	3.828E-11
1957	41.70	4.170E+01	3.925E-11
1992	41.95	4.195E+01	4.154E-11
2027	42.28	4.228E+01	4.487E-11
2060	42.34	4.234E+01	4.548E-11
2095	42.01	4.201E+01	4.217E-11
2123	42.44	4.244E+01	4.652E-11
2151	43.23	4.323E+01	5.578E-11
2172	42.54	4.254E+01	4.759E-11
2192	43.39	4.339E+01	5.785E-11
2227	43.31	4.331E+01	5.681E-11
2257	42.88	4.288E+01	5.153E-11

Calculate device radiated power from EMC test data

2295	43.15	4.315E+01	5.474E-11
2327	42.87	4.287E+01	5.141E-11
2364	43.16	4.316E+01	5.495E-11
2407	42.99	4.299E+01	5.279E-11
2439	42.93	4.293E+01	5.211E-11
2473	42.85	4.285E+01	5.114E-11
2486	42.77	4.277E+01	5.020E-11
2498	41.59	4.159E+01	3.823E-11
2508	42.89	4.289E+01	5.161E-11
2542	43.70	4.370E+01	6.213E-11
2578	42.68	4.268E+01	4.913E-11
2616	42.87	4.287E+01	5.133E-11
2645	42.64	4.264E+01	4.868E-11
2671	43.45	4.345E+01	5.864E-11
2706	43.07	4.307E+01	5.380E-11
2742	43.36	4.336E+01	5.755E-11
2775	43.52	4.352E+01	5.971E-11
2801	42.96	4.296E+01	5.241E-11
2838	43.88	4.388E+01	6.479E-11
2871	43.31	4.331E+01	5.681E-11
2910	43.60	4.360E+01	6.081E-11
2942	44.21	4.421E+01	6.999E-11
2979	44.17	4.417E+01	6.936E-11
3012	45.00	4.500E+01	8.392E-11
3042	44.19	4.419E+01	6.959E-11
3059	44.72	4.472E+01	7.868E-11
3080	45.20	4.520E+01	8.782E-11
3096	44.60	4.460E+01	7.657E-11
3119	43.94	4.394E+01	6.568E-11
3152	44.79	4.479E+01	7.983E-11
3176	44.25	4.425E+01	7.056E-11
3191	43.62	4.362E+01	6.108E-11
3217	44.37	4.437E+01	7.251E-11
3231	44.67	4.467E+01	7.769E-11
3264	44.15	4.415E+01	6.904E-11
3298	44.72	4.472E+01	7.870E-11
3333	44.48	4.448E+01	7.436E-11
3371	44.75	4.475E+01	7.911E-11
3407	44.71	4.471E+01	7.840E-11
3441	44.85	4.485E+01	8.111E-11
3483	44.63	4.463E+01	7.699E-11
3516	44.72	4.472E+01	7.870E-11
3550	45.02	4.502E+01	8.424E-11
3585	45.15	4.515E+01	8.683E-11
3616	45.57	4.557E+01	9.572E-11
3653	45.89	4.589E+01	1.029E-10
3688	46.20	4.620E+01	1.107E-10
3724	46.76	4.676E+01	1.257E-10
3755	46.48	4.648E+01	1.179E-10

3788	46.52	4.652E+01	1.190E-10
3820	46.31	4.631E+01	1.133E-10
3856	47.01	4.701E+01	1.333E-10
3894	46.20	4.620E+01	1.106E-10
3931	47.03	4.703E+01	1.339E-10
3965	46.02	4.602E+01	1.061E-10
3989	47.66	4.766E+01	1.548E-10
3994	46.78	4.678E+01	1.262E-10
4032	46.00	4.600E+01	1.057E-10
4066	46.38	4.638E+01	1.153E-10
4091	46.08	4.608E+01	1.076E-10
4108	45.75	4.575E+01	9.971E-11
4127	47.03	4.703E+01	1.338E-10
4146	46.68	4.668E+01	1.234E-10
4159	46.02	4.602E+01	1.062E-10
4186	45.76	4.576E+01	9.986E-11
4221	46.23	4.623E+01	1.114E-10
4257	45.99	4.599E+01	1.053E-10
4288	46.22	4.622E+01	1.112E-10
4321	46.60	4.660E+01	1.212E-10
4358	46.27	4.627E+01	1.123E-10
4398	46.40	4.640E+01	1.157E-10
4437	46.32	4.632E+01	1.137E-10
4467	46.46	4.646E+01	1.173E-10
4495	46.76	4.676E+01	1.257E-10
4528	46.54	4.654E+01	1.196E-10
4562	46.83	4.683E+01	1.280E-10
4596	46.58	4.658E+01	1.206E-10
4623	47.22	4.722E+01	1.398E-10
4652	46.23	4.623E+01	1.114E-10
4691	46.73	4.673E+01	1.248E-10
4731	46.28	4.628E+01	1.127E-10
4759	46.53	4.653E+01	1.193E-10
4788	46.89	4.689E+01	1.296E-10
4823	46.82	4.682E+01	1.274E-10
4854	47.39	4.739E+01	1.453E-10
4891	46.81	4.681E+01	1.272E-10
4926	46.89	4.689E+01	1.297E-10
4960	46.71	4.671E+01	1.244E-10
4994	47.24	4.724E+01	1.403E-10
5029	47.70	4.770E+01	1.560E-10
5063	47.66	4.766E+01	1.548E-10
5097	47.48	4.748E+01	1.485E-10
5123	47.70	4.770E+01	1.563E-10
5167	47.62	4.762E+01	1.534E-10
5226	47.58	4.758E+01	1.521E-10
5263	47.63	4.763E+01	1.538E-10
5306	47.54	4.754E+01	1.507E-10
5346	47.78	4.778E+01	1.591E-10

Calculate device radiated power from EMC test data

5379	48.06	4.806E+01	1.696E-10
5414	48.23	4.823E+01	1.764E-10
5445	48.45	4.845E+01	1.857E-10
5479	49.02	4.902E+01	2.118E-10
5516	48.24	4.824E+01	1.768E-10
5549	48.07	4.807E+01	1.701E-10
5586	48.06	4.806E+01	1.696E-10
5618	48.03	4.803E+01	1.686E-10
5653	47.60	4.760E+01	1.528E-10
5688	48.14	4.814E+01	1.728E-10
5728	47.58	4.758E+01	1.519E-10
5759	47.76	4.776E+01	1.584E-10
5797	47.42	4.742E+01	1.463E-10
5837	48.16	4.816E+01	1.734E-10
5871	47.81	4.781E+01	1.602E-10
5905	48.27	4.827E+01	1.782E-10
5938	48.51	4.851E+01	1.882E-10
5971	48.51	4.851E+01	1.882E-10
5994	49.53	4.953E+01	2.383E-10