

義政科技股份有限公司

品名 : RF Cable I0509
 Start : 100.0000MHz
 Mark1 : -99.1936 @ 900.0000MHz
 Mark3 : -90.0112 @ 2400.0000MHz

料號 : EC-RG316-A52-65-01A-01A
 Stop : 3000.0000MHz
 Mark2 : -97.1075 @ 1800.0000MHz
 Mark4 : -89.2335 @ 2800.0000MHz

SN : I0509-150731031
 Date : 2015/08/06
 Ref : 0.00dB
 Scale : 10.00dB
 Test By K-Lin

Channel 1 - Insertion Loss

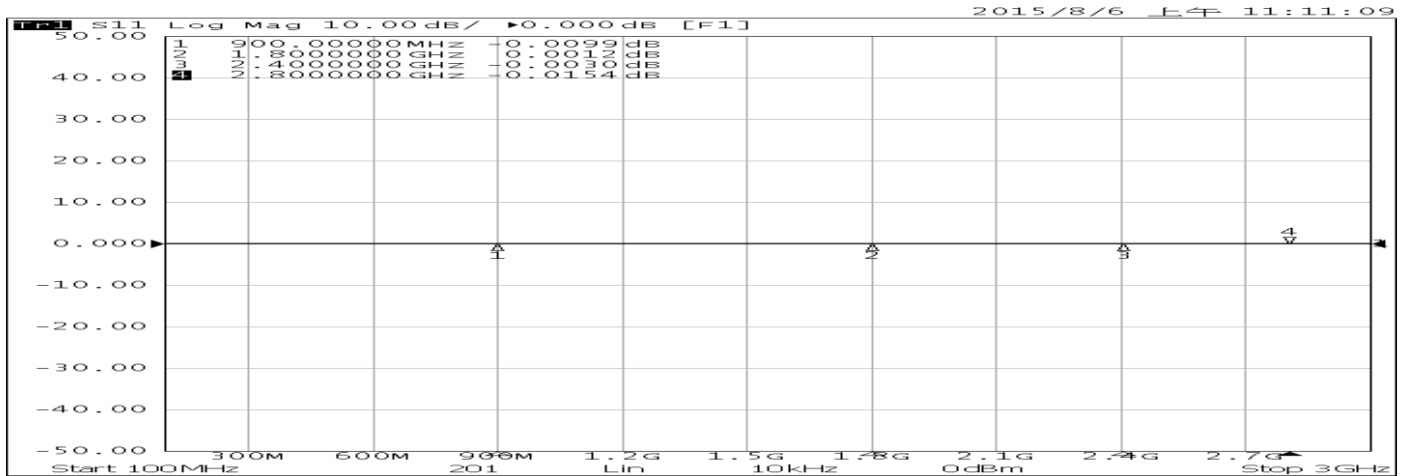


Mark1 : -0.0097 @ 900.0000MHz
 Mark3 : -0.0036 @ 2400.0000MHz

Mark2 : 0.0007 @ 1800.0000MHz
 Mark4 : -0.0144 @ 2800.0000MHz

Ref : 0.00dB
 Scale : 10.00dB

Channel 2 - Return Loss

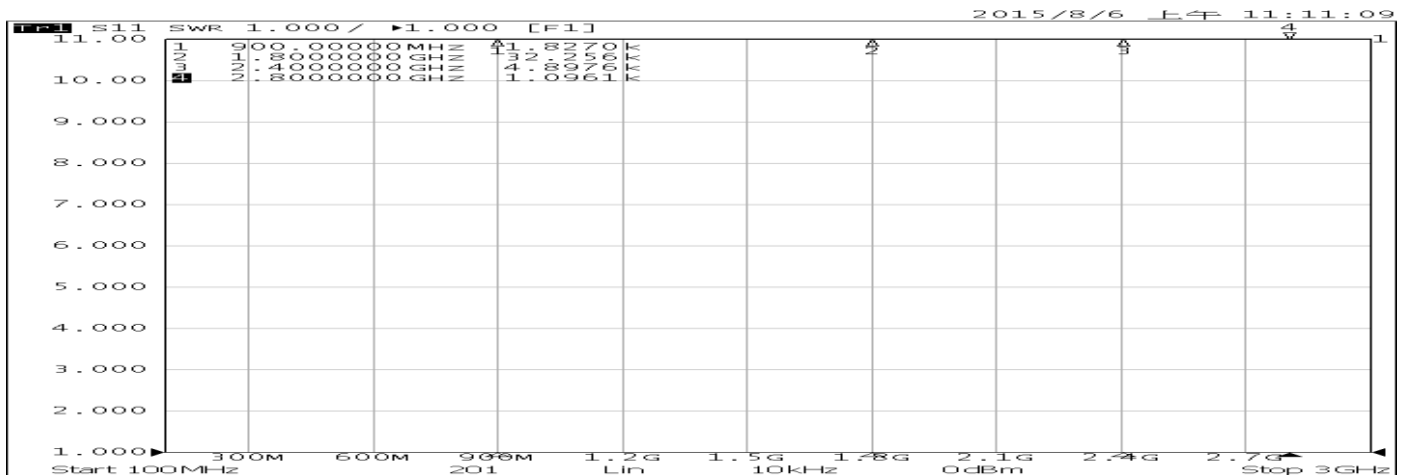


Mark1 : 1804.2690 @ 900.0000MHz
 Mark3 : 5908.5581 @ 2400.0000MHz

Mark2 : 22317.2222 @ 1800.0000MHz
 Mark4 : 1091.1505 @ 2800.0000MHz

Ref : 1.00dB
 Scale : 1.00dB

Channel 2 - VSWR



| Freq(Mhz) | I.L | R.L | SWR | Freq(Mhz) | I.L | R.L | SWR | Freq(Mhz) | I.L | R.L | SWR |
|-----------|----------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|
| 100 | -94.9233 | -0.00098 | 10250.61 | 1071.5 | -97.0024 | -0.00596 | 2983.483 | 2043 | -94.7223 | 0.003591 | 3825.985 |
| 114.5 | -93.6599 | 0.003023 | 6423.795 | 1086 | -100.097 | -0.00505 | 3216.367 | 2057.5 | -97.786 | 0.004029 | 4017.709 |
| 129 | -102.65 | 0.001946 | 8397.083 | 1100.5 | -93.8607 | -0.00577 | 3558.185 | 2072 | -95.9418 | 0.003747 | 4331.969 |
| 143.5 | -101.511 | 0.005525 | 3202.383 | 1115 | -94.3343 | -0.005 | 3632.445 | 2086.5 | -90.4052 | 0.002842 | 5729.78 |
| 158 | -98.2782 | 0.010683 | 1606.981 | 1129.5 | -98.7792 | -0.00445 | 3560.505 | 2101 | -102.321 | 0.003069 | 6498.377 |
| 172.5 | -100.551 | 0.006356 | 2660.486 | 1144 | -107.489 | -0.00424 | 3970.753 | 2115.5 | -110.901 | 0.003244 | 5213.5 |
| 187 | -95.3206 | 0.00571 | 2878.142 | 1158.5 | -96.167 | -0.0044 | 3787.55 | 2130 | -104.538 | 0.000884 | 7661.343 |
| 201.5 | -94.0047 | 0.005877 | 2983.739 | 1173 | -106.087 | -0.00441 | 4338.241 | 2144.5 | -96.8392 | 0.000398 | 274159.5 |
| 216 | -89.2213 | 0.004643 | 3725.279 | 1187.5 | -104.005 | -0.00441 | 4462.562 | 2159 | -96.7747 | -0.00106 | 53950.76 |
| 230.5 | -102.673 | 0.004231 | 3632.871 | 1202 | -97.217 | -0.00375 | 4869.741 | 2173.5 | -95.5517 | -0.0022 | 7684.951 |
| 245 | -102.212 | 0.00485 | 3809.767 | 1216.5 | -89.8043 | -0.00334 | 3909.886 | 2188 | -102.26 | -0.00321 | 5074.805 |
| 259.5 | -94.4321 | 0.007069 | 2783.163 | 1231 | -103.427 | -0.00333 | 4460.318 | 2202.5 | -104.932 | -0.00393 | 4221.684 |
| 274 | -106.093 | 0.009023 | 2017.337 | 1245.5 | -101.36 | -0.00417 | 3844.656 | 2217 | -107.043 | -0.00526 | 3651.427 |
| 288.5 | -95.7035 | 0.00782 | 2119.465 | 1260 | -105.514 | -0.00433 | 4952.821 | 2231.5 | -97.8745 | -0.00575 | 3068.805 |
| 303 | -109.468 | 0.007048 | 2552.437 | 1274.5 | -105.816 | -0.00375 | 4512.93 | 2246 | -97.8491 | -0.00546 | 3585.75 |
| 317.5 | -103.63 | 0.00755 | 2176.861 | 1289 | -104.316 | -0.00401 | 3907.712 | 2260.5 | -112.506 | -0.0051 | 3189.504 |
| 332 | -92.2049 | 0.008233 | 2165.139 | 1303.5 | -106.864 | -0.00436 | 3922.169 | 2275 | -109.02 | -0.0052 | 2827.663 |
| 346.5 | -101.561 | 0.007862 | 2197.447 | 1318 | -106.687 | -0.00593 | 3231.999 | 2289.5 | -105.597 | -0.00522 | 3611.12 |
| 361 | -98.1103 | 0.00777 | 2283.879 | 1332.5 | -103.47 | -0.00566 | 3005.518 | 2304 | -100.884 | -0.00519 | 4364.594 |
| 375.5 | -102.347 | 0.007409 | 2231.692 | 1347 | -96.751 | -0.00629 | 2608.436 | 2318.5 | -100.18 | -0.00509 | 3368.306 |
| 390 | -103.057 | 0.007338 | 2238.298 | 1361.5 | -103.825 | -0.00675 | 2656.287 | 2333 | -98.7158 | -0.00498 | 3785.728 |
| 404.5 | -92.6134 | 0.0075 | 2450.943 | 1376 | -104.016 | -0.00753 | 2360.553 | 2347.5 | -97.6499 | -0.00453 | 3623.552 |
| 419 | -93.0903 | 0.0073 | 2619.38 | 1390.5 | -99.4221 | -0.00758 | 2125.597 | 2362 | -97.763 | -0.00506 | 4138.62 |
| 433.5 | -95.969 | 0.006857 | 2661.259 | 1405 | -96.0021 | -0.00797 | 2130.124 | 2376.5 | -97.0669 | -0.0039 | 4797.361 |
| 448 | -106.876 | 0.005829 | 2549.297 | 1419.5 | -98.9211 | -0.00853 | 2071.048 | 2391 | -91.2438 | -0.00361 | 6286.988 |
| 462.5 | -93.2517 | 0.005966 | 3221.066 | 1434 | -95.2559 | -0.00872 | 2088.947 | 2405.5 | -89.258 | -0.00357 | 5677.295 |
| 477 | -100.087 | 0.005132 | 3029.233 | 1448.5 | -108.838 | -0.00936 | 2034.101 | 2420 | -94.5137 | -0.0028 | 6556.502 |
| 491.5 | -95.7393 | 0.004745 | 3713.863 | 1463 | -93.3717 | -0.00882 | 2088.82 | 2434.5 | -99.0123 | -0.00266 | 6539.983 |
| 506 | -99.9107 | 0.00365 | 4329.317 | 1477.5 | -92.3772 | -0.00867 | 2010.261 | 2449 | -98.7157 | -0.00277 | 5926.402 |
| 520.5 | -94.3614 | 0.002857 | 5723.259 | 1492 | -111.576 | -0.00852 | 2018.076 | 2463.5 | -105.315 | -0.00303 | 7710.642 |
| 535 | -100.395 | 0.003844 | 4976.549 | 1506.5 | -106.433 | -0.00995 | 2024.602 | 2478 | -101.94 | -0.01754 | 970.0158 |
| 549.5 | -104.393 | 0.003486 | 5030.938 | 1521 | -95.5721 | -0.00961 | 1759.997 | 2492.5 | -100.216 | -0.04425 | 391.9182 |
| 564 | -108.819 | 0.002163 | 10311.48 | 1535.5 | -98.4117 | -0.00984 | 1799.101 | 2507 | -90.6909 | -0.00505 | 3747.666 |
| 578.5 | -95.6694 | 0.001097 | 15147.66 | 1550 | -94.5839 | -0.00913 | 1881.746 | 2521.5 | -89.494 | -0.01388 | 1310.078 |
| 593 | -100.173 | 0.000329 | 56385.88 | 1564.5 | -93.6357 | -0.00957 | 1891.981 | 2536 | -96.4683 | -0.01223 | 1475.851 |
| 607.5 | -92.8744 | -0.00092 | 18357.33 | 1579 | -91.4965 | -0.00829 | 2090.764 | 2550.5 | -86.2564 | -0.00766 | 1648.251 |
| 622 | -103.308 | -0.00161 | 7786.292 | 1593.5 | -100.982 | -0.00715 | 2520.289 | 2565 | -88.8512 | -0.00682 | 2011.956 |
| 636.5 | -94.3628 | -0.00253 | 6698.268 | 1608 | -103.694 | -0.00753 | 2316.5 | 2579.5 | -89.5576 | -0.0079 | 2111.794 |
| 651 | -107.278 | -0.00296 | 5239.46 | 1622.5 | -96.789 | -0.00708 | 2180.023 | 2594 | -86.9305 | -0.00898 | 1735.393 |
| 665.5 | -94.8946 | -0.00348 | 5114.652 | 1637 | -99.2484 | -0.00698 | 2481.715 | 2608.5 | -89.931 | -0.00995 | 1619.34 |
| 680 | -96.206 | -0.00472 | 4210.056 | 1651.5 | -109.175 | -0.0062 | 2693.714 | 2623 | -89.9499 | -0.00976 | 1776.692 |
| 694.5 | -99.8493 | -0.0045 | 3260.77 | 1666 | -101.708 | -0.00579 | 2737.093 | 2637.5 | -89.4513 | -0.01019 | 1856.778 |
| 709 | -97.1255 | -0.00542 | 3292.685 | 1680.5 | -98.2456 | -0.00477 | 3278.877 | 2652 | -88.689 | -0.0086 | 1761.651 |
| 723.5 | -99.6487 | -0.00613 | 2741.226 | 1695 | -98.0131 | -0.00516 | 4231.112 | 2666.5 | -93.3409 | -0.01014 | 1905.2 |
| 738 | -110.581 | -0.0068 | 2790.422 | 1709.5 | -110.386 | -0.00404 | 3887.875 | 2681 | -92.3384 | -0.01161 | 1673.175 |
| 752.5 | -113.237 | -0.00729 | 2262.223 | 1724 | -102.581 | -0.0036 | 4633.212 | 2695.5 | -100.485 | -0.00949 | 1555.607 |
| 767 | -97.3737 | -0.00767 | 2059.427 | 1738.5 | -94.6921 | -0.00238 | 5929.246 | 2710 | -88.8385 | -0.01162 | 1619.015 |
| 781.5 | -98.3549 | -0.00898 | 2052.772 | 1753 | -102.029 | -0.00089 | 17666.3 | 2724.5 | -94.1889 | -0.01287 | 1498.557 |
| 796 | -93.973 | -0.00948 | 1907.229 | 1767.5 | -98.3001 | -0.00088 | 17278.94 | 2739 | -90.4011 | -0.01239 | 1195.681 |
| 810.5 | -107.735 | -0.0098 | 1852.812 | 1782 | -102.573 | -0.0006 | 30639.83 | 2753.5 | -88.8004 | -0.01375 | 1203.019 |
| 825 | -101.026 | -0.00966 | 1757.544 | 1796.5 | -94.8718 | 0.000629 | 26131.48 | 2768 | -88.8783 | -0.01411 | 1205.491 |
| 839.5 | -100.203 | -0.00945 | 1764.938 | 1811 | -104.134 | 0.001028 | 10329.57 | 2782.5 | -98.6729 | -0.01539 | 1257.064 |
| 854 | -92.0946 | -0.0102 | 1869.604 | 1825.5 | -99.4594 | 0.0022 | 8379.414 | 2797 | -90.645 | -0.01405 | 1103.601 |
| 868.5 | -93.1348 | -0.00997 | 1797.603 | 1840 | -103.962 | 0.003056 | 5097.873 | 2811.5 | -99.4803 | -0.01556 | 1043.425 |
| 883 | -92.276 | -0.0093 | 1854.081 | 1854.5 | -91.1013 | 0.004607 | 3870.678 | 2826 | -93.2479 | -0.01802 | 968.4326 |
| 897.5 | -98.7981 | -0.00909 | 1767.639 | 1869 | -96.8648 | 0.004567 | 3291.736 | 2840.5 | -99.5485 | -0.01801 | 888.8643 |
| 912 | -101.092 | -0.00952 | 1980.093 | 1883.5 | -101.973 | 0.004417 | 3972.088 | 2855 | -95.532 | -0.02019 | 919.4533 |
| 926.5 | -92.4092 | -0.00976 | 1886.085 | 1898 | -110.532 | 0.004125 | 4704.056 | 2869.5 | -93.3153 | -0.01836 | 881.0239 |
| 941 | -102.194 | -0.00948 | 1786.527 | 1912.5 | -102.972 | 0.003395 | 4561.028 | 2884 | -87.0169 | -0.02049 | 766.2648 |
| 955.5 | -94.6789 | -0.00877 | 1963.275 | 1927 | -97.3862 | 0.003399 | 4732.62 | 2898.5 | -94.3902 | -0.02335 | 743.6107 |
| 970 | -92.8638 | -0.00867 | 1988.992 | 1941.5 | -93.8031 | 0.003188 | 6063.484 | 2913 | -87.9423 | -0.02417 | 732.2215 |
| 984.5 | -105.529 | -0.00823 | 2090.516 | 1956 | -102.587 | 0.002963 | 5899.881 | 2927.5 | -93.1729 | -0.02534 | 658.4562 |
| 999 | -106.824 | -0.0079 | 2284.918 | 1970.5 | -101.095 | 0.002823 | 4685.287 | 2942 | -90.647 | -0.02876 | 610.9111 |
| 1013.5 | -102.661 | -0.0078 | 2400.534 | 1985 | -91.9066 | 0.003982 | 4866.415 | 2956.5 | -90.2996 | -0.02879 | 603.4505 |
| 1028 | -91.9201 | -0.00707 | 2396.359 | 1999.5 | -93.7654 | 0.003395 | 4072.581 | 2971 | -92.1064 | -0.02846 | 617.4235 |
| 1042.5 | -91.295 | -0.00621 | 2539.504 | 2014 | -99.162 | 0.004011 | 4176.543 | 2985.5 | -100.836 | -0.03212 | 561.0746 |
| 1057 | -105.724 | -0.00577 | 3145.055 | 2028.5 | -97.9061 | 0.004085 | 4001.657 | 3000 | -89.8328 | -0.03206 | 553.4294 |