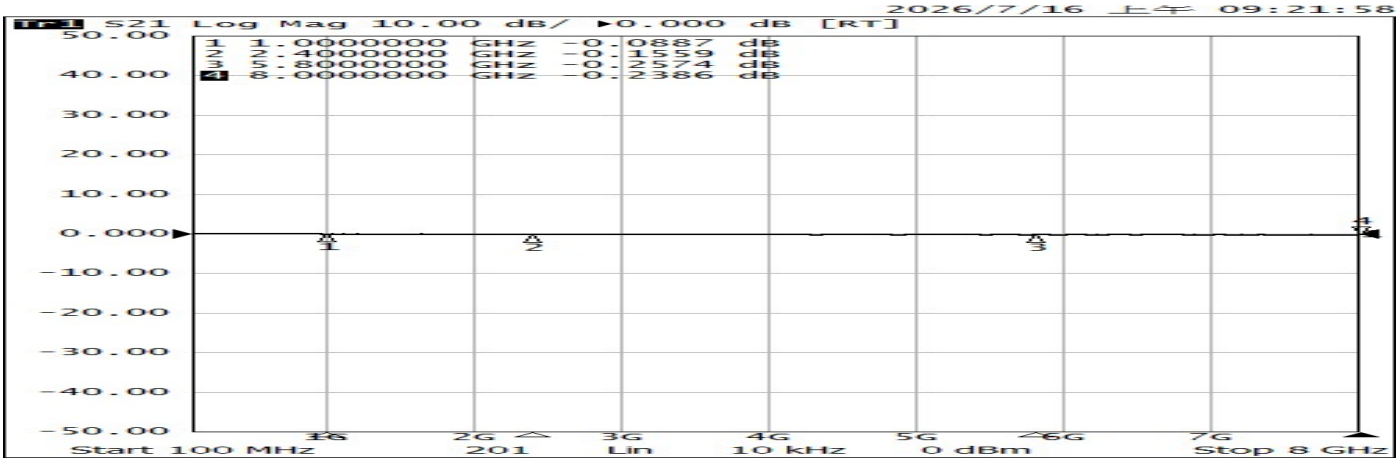
# 義政科技股份有限公司

品名 :RF Cable I1138
Start : 100.0000MHz
Mark1 : -0.0886 @ 1000.0000MHz
Mark3 : -0.2581 @ 5800.0000MHz

料號 : EC-A5-A67-30-01C-01C
Stop : 8000.0000MHz
Mark2 : -0.1555 @ 2400.0000MHz
Mark4 : -0.2375 @ 8000.0000MHz

SN : I1138-260715002
Date : 2026/07/16
Ref : 0.00dB
Scale : 10.00dB
Test By K-Lin

Channel 1 - Insertion Loss

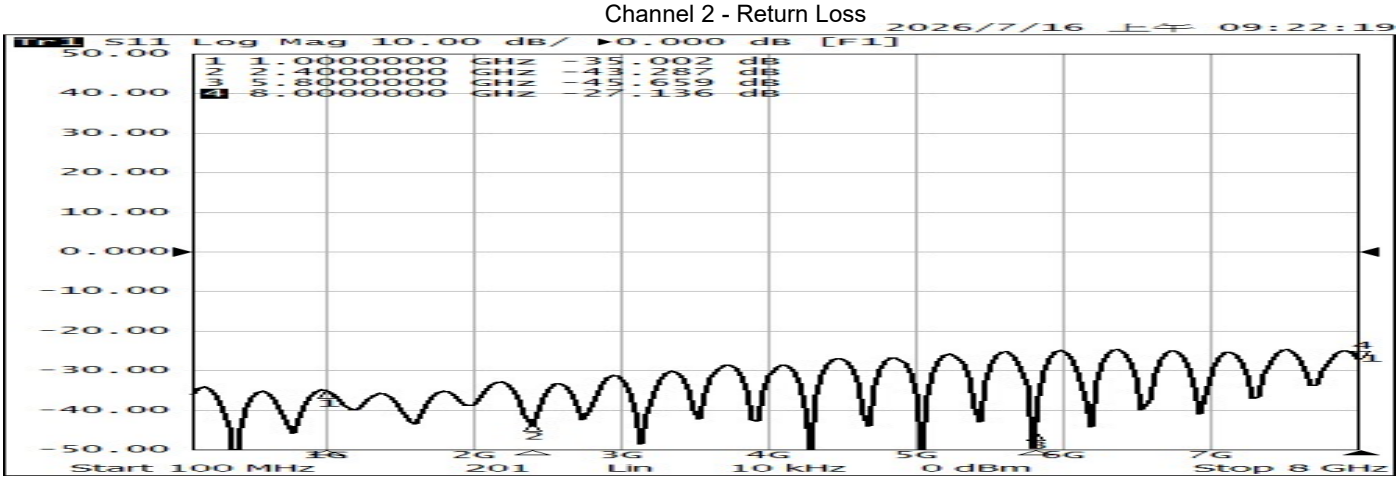



Mark1 : -35.0046 @ 1000.0000MHz
Mark3 : -45.6731 @ 5800.0000MHz

Mark2 : -43.2955 @ 2400.0000MHz
Mark4 : -27.1329 @ 8000.0000MHz

Ref : 0.00dB
Scale : 10.00dB

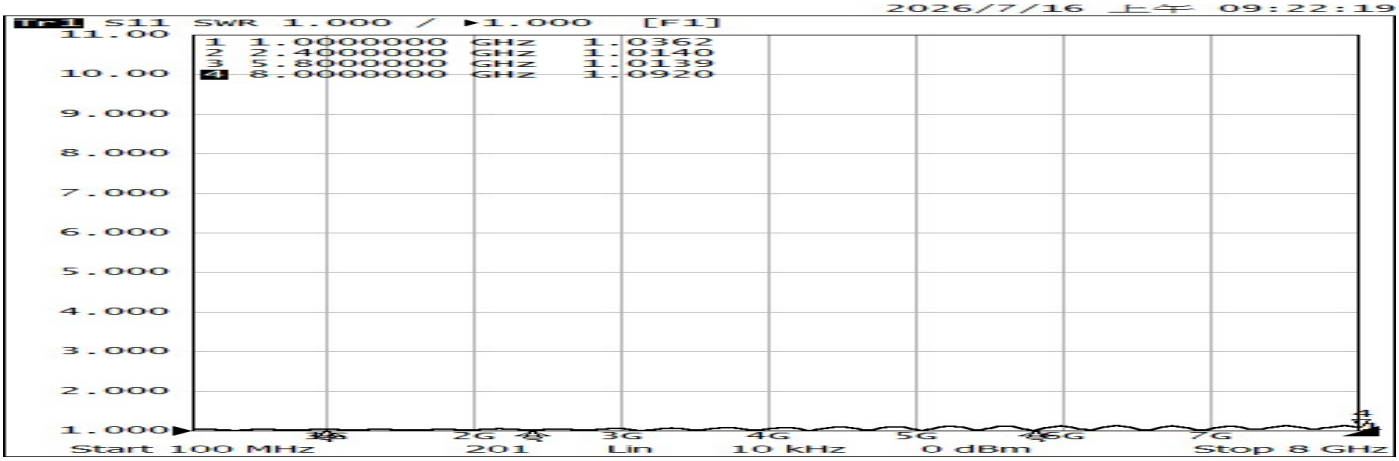
Channel 2 - Return Loss




Mark1 : 1.0362 @ 1000.0000MHz
Mark3 : 1.0138 @ 5800.0000MHz

Mark2 : 1.0140 @ 2400.0000MHz
Mark4 : 1.0920 @ 8000.0000MHz

Ref : 1.00dB
Scale : 1.00dB



| Freq(Mhz) | I.L | R.L | SWR | Freq(Mhz) | I.L | R.L | SWR | Freq(Mhz) | I.L | R.L | SWR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | -0.01674 | -35.9451 | 1.032378 | 2746.5 | -0.16119 | -42.4303 | 1.015188 | 5393 | -0.21475 | -39.5889 | 1.021244 |
| 139.5 | -0.03028 | -34.5014 | 1.038393 | 2786 | -0.14775 | -40.5275 | 1.018985 | 5432.5 | -0.23513 | -42.9003 | 1.014492 |
| 179 | -0.01871 | -34.0944 | 1.040263 | 2825.5 | -0.1498 | -36.3628 | 1.030846 | 5472 | -0.27633 | -32.4167 | 1.04898 |
| 218.5 | -0.03312 | -34.572 | 1.038067 | 2865 | -0.16132 | -33.5171 | 1.043061 | 5511.5 | -0.19573 | -28.2625 | 1.080217 |
| 258 | -0.03046 | -36.0349 | 1.032083 | 2904.5 | -0.17306 | -31.8306 | 1.052644 | 5551 | -0.25696 | -26.1617 | 1.103521 |
| 297.5 | -0.0287 | -38.8524 | 1.023116 | 2944 | -0.17149 | -31.1716 | 1.056782 | 5590.5 | -0.24643 | -25.2521 | 1.115652 |
| 337 | -0.04082 | -44.2283 | 1.012406 | 2983.5 | -0.14061 | -31.4304 | 1.055091 | 5630 | -0.24843 | -25.3099 | 1.114716 |
| 376.5 | -0.04357 | -54.4345 | 1.003778 | 3023 | -0.13718 | -32.7905 | 1.046912 | 5669.5 | -0.25653 | -26.3694 | 1.10092 |
| 416 | -0.04123 | -44.529 | 1.011978 | 3062.5 | -0.15576 | -35.4788 | 1.034207 | 5709 | -0.23442 | -28.7262 | 1.076028 |
| 455.5 | -0.06033 | -39.3386 | 1.021824 | 3102 | -0.21341 | -40.3998 | 1.019187 | 5748.5 | -0.27834 | -33.503 | 1.043223 |
| 495 | -0.03703 | -36.756 | 1.029532 | 3141.5 | -0.22733 | -48.6016 | 1.007488 | 5788 | -0.26544 | -49.8391 | 1.006549 |
| 534.5 | -0.0653 | -35.5202 | 1.034093 | 3181 | -0.21403 | -40.8347 | 1.018367 | 5827.5 | -0.24115 | -36.3781 | 1.030683 |
| 574 | -0.04928 | -35.1947 | 1.035436 | 3220.5 | -0.21369 | -35.2788 | 1.035 | 5867 | -0.24502 | -29.9187 | 1.066039 |
| 613.5 | -0.06179 | -35.7516 | 1.033236 | 3260 | -0.20302 | -32.2705 | 1.04993 | 5906.5 | -0.25015 | -26.8469 | 1.095204 |
| 653 | -0.06181 | -37.1872 | 1.028002 | 3299.5 | -0.21497 | -30.6856 | 1.06019 | 5946 | -0.28171 | -25.3495 | 1.11414 |
| 692.5 | -0.06676 | -39.7645 | 1.020769 | 3339 | -0.17917 | -30.0763 | 1.064825 | 5985.5 | -0.29815 | -24.9178 | 1.120387 |
| 732 | -0.06925 | -43.6793 | 1.013195 | 3378.5 | -0.20059 | -30.43 | 1.062061 | 6025 | -0.25253 | -25.4416 | 1.112928 |
| 771.5 | -0.07377 | -45.8318 | 1.010283 | 3418 | -0.18722 | -31.8028 | 1.052669 | 6064.5 | -0.24848 | -27.0775 | 1.092716 |
| 811 | -0.06688 | -42.1519 | 1.015765 | 3457.5 | -0.19895 | -34.6462 | 1.037731 | 6104 | -0.24733 | -30.3293 | 1.062868 |
| 850.5 | -0.07718 | -38.7318 | 1.023468 | 3497 | -0.1806 | -40.0478 | 1.020132 | 6143.5 | -0.27079 | -37.4985 | 1.027045 |
| 890 | -0.07067 | -36.5712 | 1.030114 | 3536.5 | -0.1664 | -42.2424 | 1.015518 | 6183 | -0.27067 | -44.2105 | 1.012368 |
| 929.5 | -0.08009 | -35.3968 | 1.03461 | 3576 | -0.19206 | -35.7582 | 1.033191 | 6222.5 | -0.25127 | -32.4073 | 1.049036 |
| 969 | -0.07765 | -34.8988 | 1.036619 | 3615.5 | -0.16403 | -31.8426 | 1.052471 | 6262 | -0.2777 | -28.0381 | 1.082522 |
| 1008.5 | -0.09212 | -35.0297 | 1.036106 | 3655 | -0.16602 | -29.6793 | 1.06788 | 6301.5 | -0.26557 | -25.8151 | 1.107901 |
| 1048 | -0.07863 | -35.7962 | 1.033002 | 3694.5 | -0.15869 | -28.6342 | 1.076799 | 6341 | -0.23056 | -24.8115 | 1.121962 |
| 1087.5 | -0.09713 | -37.1133 | 1.028326 | 3734 | -0.16771 | -28.5235 | 1.077893 | 6380.5 | -0.21223 | -24.7744 | 1.12251 |
| 1127 | -0.07988 | -38.7077 | 1.023486 | 3773.5 | -0.17431 | -29.3093 | 1.070945 | 6420 | -0.26107 | -25.6637 | 1.109908 |
| 1166.5 | -0.09533 | -39.9775 | 1.020286 | 3813 | -0.16015 | -31.1863 | 1.056712 | 6459.5 | -0.26141 | -27.7173 | 1.085677 |
| 1206 | -0.08164 | -39.8891 | 1.020448 | 3852.5 | -0.16967 | -34.8015 | 1.036917 | 6499 | -0.28397 | -31.6489 | 1.053644 |
| 1245.5 | -0.10055 | -38.6311 | 1.023658 | 3892 | -0.16666 | -42.5141 | 1.015153 | 6538.5 | -0.2457 | -39.8762 | 1.020523 |
| 1285 | -0.10364 | -37.2485 | 1.027873 | 3931.5 | -0.15622 | -42.7794 | 1.014648 | 6578 | -0.25824 | -37.6256 | 1.026651 |
| 1324.5 | -0.09338 | -36.243 | 1.031304 | 3971 | -0.19387 | -34.9339 | 1.036435 | 6617.5 | -0.23977 | -30.6821 | 1.060208 |
| 1364 | -0.11781 | -35.7733 | 1.033145 | 4010.5 | -0.17252 | -31.2201 | 1.056419 | 6657 | -0.23133 | -27.3028 | 1.090215 |
| 1403.5 | -0.09976 | -35.8789 | 1.032704 | 4050 | -0.19383 | -29.3303 | 1.07074 | 6696.5 | -0.25249 | -25.5987 | 1.110978 |
| 1443 | -0.10062 | -36.5969 | 1.029994 | 4089.5 | -0.18177 | -28.5922 | 1.07711 | 6736 | -0.25781 | -24.9696 | 1.119534 |
| 1482.5 | -0.11192 | -38.0407 | 1.025439 | 4129 | -0.19847 | -28.819 | 1.075023 | 6775.5 | -0.251 | -25.2802 | 1.115221 |
| 1522 | -0.09461 | -40.2305 | 1.019625 | 4168.5 | -0.18298 | -30.1406 | 1.064362 | 6815 | -0.26194 | -26.5887 | 1.098191 |
| 1561.5 | -0.1264 | -42.8014 | 1.014553 | 4208 | -0.19288 | -33.0119 | 1.045685 | 6854.5 | -0.30655 | -29.2385 | 1.071549 |
| 1601 | -0.13703 | -43.4006 | 1.013615 | 4247.5 | -0.20246 | -39.2955 | 1.02198 | 6894 | -0.24109 | -34.208 | 1.03975 |
| 1640.5 | -0.08828 | -40.9573 | 1.018095 | 4287 | -0.18527 | -52.0348 | 1.005071 | 6933.5 | -0.29307 | -40.9395 | 1.018104 |
| 1680 | -0.14519 | -38.3569 | 1.02443 | 4326.5 | -0.30734 | -36.0812 | 1.031969 | 6973 | -0.29424 | -33.8663 | 1.041389 |
| 1719.5 | -0.11063 | -36.5585 | 1.030192 | 4366 | -0.14493 | -31.0878 | 1.057389 | 7012.5 | -0.25384 | -29.126 | 1.072301 |
| 1759 | -0.12239 | -35.5259 | 1.034029 | 4405.5 | -0.20476 | -28.5509 | 1.077679 | 7052 | -0.26029 | -26.6365 | 1.097832 |
| 1798.5 | -0.13104 | -35.18 | 1.035433 | 4445 | -0.22203 | -27.2776 | 1.090484 | 7091.5 | -0.2686 | -25.4408 | 1.112891 |
| 1838 | -0.11502 | -35.445 | 1.034358 | 4484.5 | -0.19011 | -26.9959 | 1.093702 | 7131 | -0.31711 | -25.2431 | 1.11588 |
| 1877.5 | -0.1343 | -36.3244 | 1.031005 | 4524 | -0.19396 | -27.6343 | 1.086643 | 7170.5 | -0.38451 | -25.9522 | 1.106196 |
| 1917 | -0.15672 | -37.6837 | 1.026454 | 4563.5 | -0.25458 | -29.4186 | 1.070096 | 7210 | -0.24184 | -27.7736 | 1.085172 |
| 1956.5 | -0.09621 | -38.8296 | 1.02312 | 4603 | -0.2134 | -32.9159 | 1.046417 | 7249.5 | -0.36704 | -31.1038 | 1.057271 |
| 1996 | -0.1438 | -38.5964 | 1.023781 | 4642.5 | -0.26789 | -41.0836 | 1.017678 | 7289 | -0.29362 | -36.9705 | 1.028935 |
| 2035.5 | -0.12944 | -36.9619 | 1.028814 | 4682 | -0.12083 | -44.0161 | 1.012717 | 7328.5 | -0.23597 | -36.6973 | 1.029587 |
| 2075 | -0.13775 | -35.1341 | 1.035658 | 4721.5 | -0.21605 | -33.7464 | 1.042053 | 7368 | -0.25588 | -30.8577 | 1.058962 |
| 2114.5 | -0.12861 | -33.7521 | 1.041925 | 4761 | -0.20879 | -29.6745 | 1.067877 | 7407.5 | -0.29259 | -27.46 | 1.088275 |
| 2154 | -0.14158 | -32.9815 | 1.045916 | 4800.5 | -0.23456 | -27.5955 | 1.08702 | 7447 | -0.33387 | -25.6047 | 1.110591 |
| 2193.5 | -0.14036 | -32.8547 | 1.046581 | 4840 | -0.20604 | -26.7216 | 1.096723 | 7486.5 | -0.31406 | -24.7492 | 1.122898 |
| 2233 | -0.149 | -33.4234 | 1.04363 | 4879.5 | -0.27638 | -26.8289 | 1.09546 | 7526 | -0.27226 | -24.7559 | 1.123001 |
| 2272.5 | -0.1244 | -34.7862 | 1.037131 | 4919 | -0.23533 | -27.9654 | 1.083281 | 7565.5 | -0.32457 | -25.5554 | 1.1115 |
| 2312 | -0.13396 | -37.2421 | 1.027839 | 4958.5 | -0.21221 | -30.4964 | 1.061807 | 7605 | -0.31671 | -27.2798 | 1.090419 |
| 2351.5 | -0.13706 | -41.1996 | 1.01761 | 4998 | -0.22132 | -35.6736 | 1.033379 | 7644.5 | -0.29872 | -30.1239 | 1.064419 |
| 2391 | -0.15754 | -44.1346 | 1.012521 | 5037.5 | -0.23312 | -51.9331 | 1.005224 | 7684 | -0.26734 | -33.6644 | 1.042318 |
| 2430.5 | -0.1489 | -40.4699 | 1.019077 | 5077 | -0.24622 | -36.195 | 1.031501 | 7723.5 | -0.27205 | -33.6002 | 1.042616 |
| 2470 | -0.14251 | -36.8156 | 1.029267 | 5116.5 | -0.23671 | -30.4491 | 1.061888 | 7763 | -0.31768 | -30.1138 | 1.064561 |
| 2509.5 | -0.13807 | -34.5959 | 1.038013 | 5156 | -0.24617 | -27.5986 | 1.0869 | 7802.5 | -0.34196 | -27.4002 | 1.089186 |
| 2549 | -0.15737 | -33.4491 | 1.043486 | 5195.5 | -0.20763 | -26.1828 | 1.103197 | 7842 | -0.33422 | -25.7566 | 1.108714 |
| 2588.5 | -0.15213 | -33.253 | 1.044435 | 5235 | -0.25256 | -25.8 | 1.108151 | 7881.5 | -0.29897 | -25.0065 | 1.11913 |
| 2628 | -0.15183 | -33.9611 | 1.040892 | 5274.5 | -0.23787 | -26.3788 | 1.100843 | 7921 | -0.28627 | -24.9837 | 1.119344 |
| 2667.5 | -0.13968 | -35.6871 | 1.033433 | 5314 | -0.22956 | -28.0859 | 1.082126 | 7960.5 | -0.39536 | -25.6962 | 1.109614 |
| 2707 | -0.18361 | -38.7885 | 1.02339 | 5353.5 | -0.22563 | -31.5397 | 1.054343 | 8000 | -0.23609 | -27.1363 | 1.091884 |