



V001

Y-YB-CR-115

密级: 绝密 /confidentiality

Antenna Coding: ANT-BPNCNC20005

Antenna Type: PCB Onboard Antenna, Patch Antenna

Antenna Manufacturer: Shenzhen Minew Technologies Co., Ltd.

1、Technical Specification

| | . 7 |
|----------------------------|----------------------|
| Electrical Spe | ecifications |
| Frequency Range (MHz) | 2402-2480 |
| Input Impedance (Ω) | 50 |
| Return Loss (dB) | <-7 |
| VSWR | <3 |
| | ANT1: -4.89 |
| | ANT2: -4.54 |
| | ANT3: -3.65 |
| | ANT4: -3.48 |
| | ANT5: -2.69 |
| Peak Gain (dBi) | ANT6: -2.78 |
| Peak Gain (dBi) | ANT7: -2.89 |
| | ANT8: -3.53 |
| | ANT9: -2.62 |
| | ANT10: -3.49 |
| | ANT11: -3.63 |
| | ANT12: -3.36 |
| Polarization Type | circularly polarized |
| | antenna |
| Mechanical Sp | ecifications |
| Antenna Size (mm) | 29*29 |
| Radiator | Cuprum |
| | |

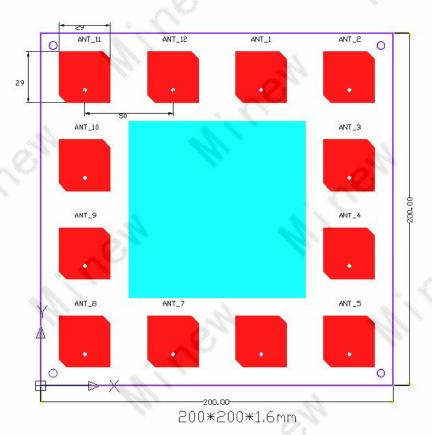




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2. The shape and size of the antenna



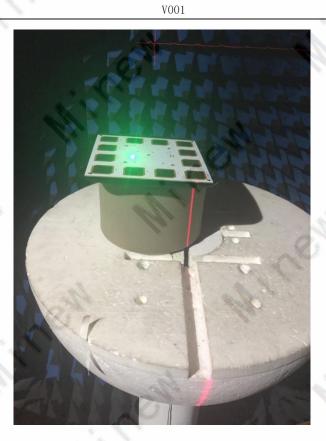
- 3. The result of the test
- 3.1 Test Environment



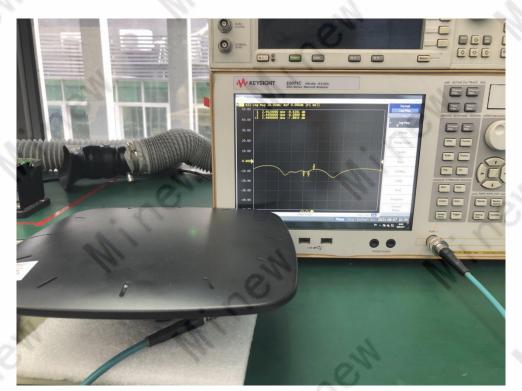


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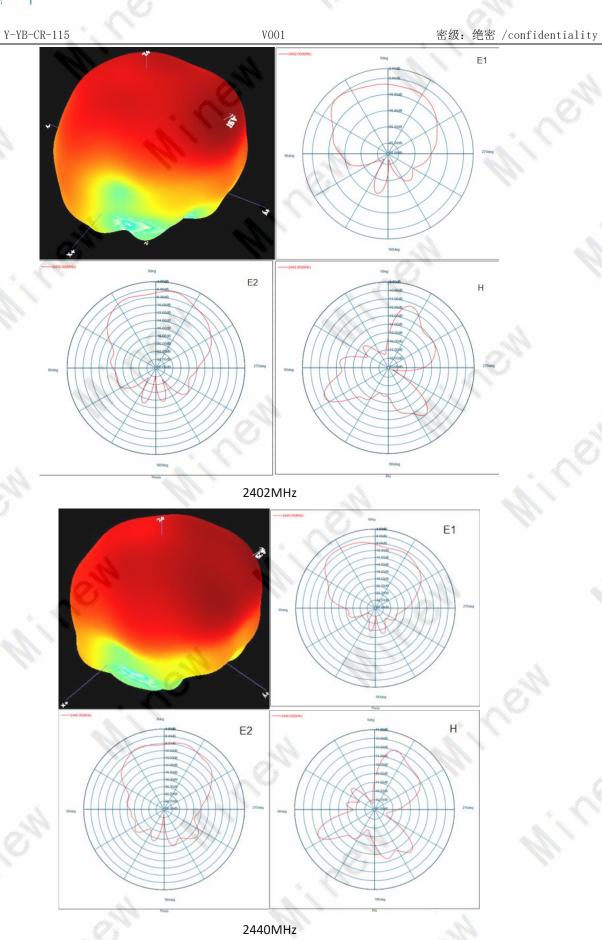
3.2 ANT 1 3. 2. 1 S11



3.2.2 Gain

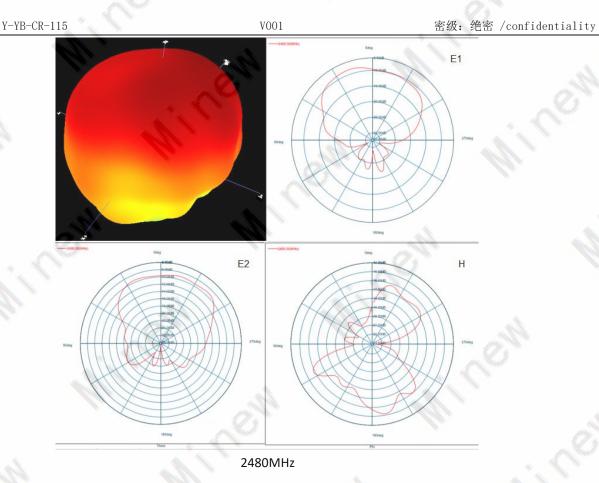
















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密级: 绝密 /confidentiality

| Frequency | Gain . dB | |
|------------|--|-------------|
| 2400000000 | -5.03852 | -4.89753965 |
| 2402000000 | | |
| 2404000000 | 7/2/15/1000 | |
| 2406000000 | The state of the s | |
| 2408000000 | -5.02561 | |
| 2410000000 | -4.95366 | |
| 2412000000 | -4.89754 | (/3 |
| 2414000000 | 400 T A 1500 | |
| 2416000000 | | |
| 2418000000 | | |
| 2420000000 | -5.06754 | |
| 2422000000 | -5.08699 | |
| 2424000000 | -5.2331 | |
| 2426000000 | -5.336 | |
| 2428000000 | -5.40204 | |
| 2430000000 | -5.39744 | |
| 2432000000 | -5.38112 | |
| 2434000000 | -5.49929 | |
| 2436000000 | -5.67096 | |
| 2438000000 | -5.81185 | |
| 2440000000 | -5.95439 | |
| 2442000000 | -6.11043 | |
| 2444000000 | -6,16318 | |
| 2446000000 | -6.36857 | |
| 2448000000 | -6.62206 | |
| 2450000000 | -6.68798 | |
| 2452000000 | -6.65056 | - 23 |
| 2454000000 | -6.69699 | |
| 2456000000 | -6.90359 | |
| 2458000000 | -7.13954 | |
| 2460000000 | -7.19356 | |
| 2462000000 | -7.12768 | |
| 2464000000 | -7.17381 | |
| 2466000000 | -7.29338 | |
| 2468000000 | -7.4502 | |
| 2470000000 | -7.48652 | |
| 2472000000 | -7.39935 | |
| 2474000000 | -7.44741 | |
| 2476000000 | -7.62883 | |
| 2478000000 | -7.80383 | |
| 2480000000 | -7.81001 | |

Gain data(Ant1)





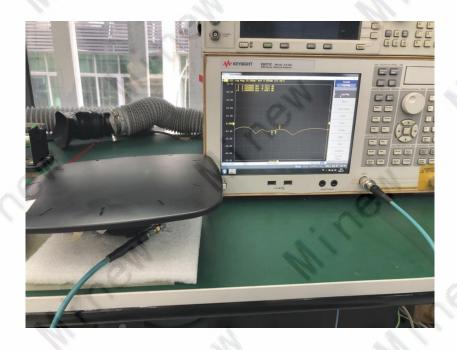
Y-YB-CR-115

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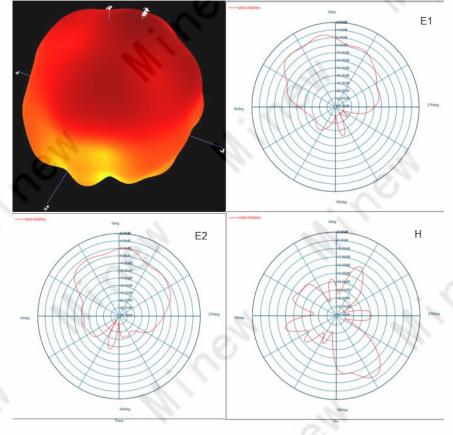
密级: 绝密 /confidentiality

3.3 ANT2

3.3.1 S11



3.3.2 Gain

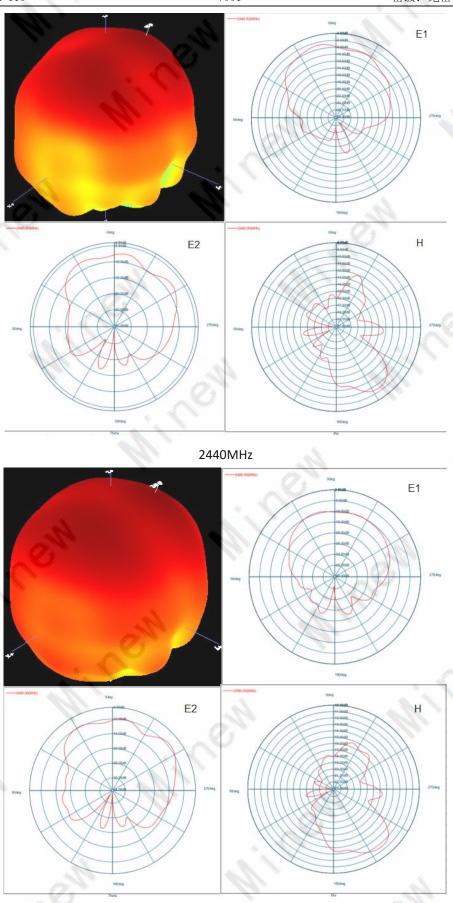


2402MHz





Y-YB-CR-115 Y001 密级: 绝密 /confidentiality



2480MHz





Y-YB-CR-115 V001 密级: 绝密 /confidentiality

| Frequency | Gain dB | Peak Gain |
|------------|--|--------------|
| 2400000000 | -4.821936329 | -4.548006261 |
| 2402000000 | AND RESIDENCE OF THE PARTY OF T | |
| 2404000000 | -4.606236338 | |
| 2406000000 | -4.548006261 | |
| 2408000000 | -4.740759346 | |
| 2410000000 | -4.917693304 | |
| 2412000000 | -4.84185253 | 24 |
| 2414000000 | -4.636533928 | |
| 2416000000 | -4.657564964 | |
| 2418000000 | -4.948950103 | |
| 2420000000 | -5.176736516 | |
| 2422000000 | -5.147423009 | |
| 2424000000 | -5.037672148 | |
| 2426000000 | -5.139172872 | |
| 2428000000 | -5.386858699 | |
| 2430000000 | -5.586845963 | |
| 2432000000 | -5.56685262 | |
| 2434000000 | -5.514192888 | |
| 2436000000 | -5.683161238 | |
| 2438000000 | -5.990941781 | |
| 2440000000 | -6.212129414 | |
| 2442000000 | -6.233238561 | |
| 2444000000 | -6.269473533 | |
| 2446000000 | -6.497278323 | |
| 2448000000 | -6.805551807 | |
| 2450000000 | -6.994799114 | |
| 2452000000 | -6.987738778 | 03 |
| 2454000000 | -7.018118374 | |
| 2456000000 | -7.255990638 | \ |
| 2458000000 | -7.570895693 | |
| 2460000000 | -7.701900062 | |
| 2462000000 | -7.595216134 | |
| 2464000000 | -7.594851472 | |
| 2466000000 | -7.755228259 | |
| 2468000000 | -7.998167643 | |
| 2470000000 | -8.101006529 | |
| 2472000000 | -8.017438848 | |
| 2474000000 | -8.010380794 | |
| 2476000000 | -8.194926388 | |
| 2478000000 | -8.446608803 | |
| 2480000000 | -8.522905354 | |

Gain data(Ant2)





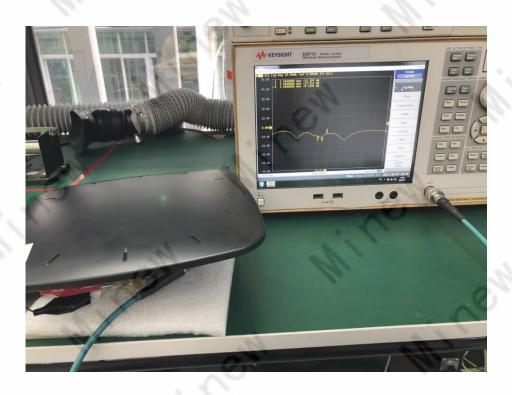
Y-YB-CR-115

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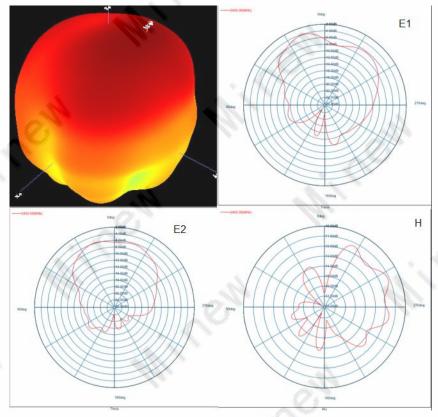
密级: 绝密 /confidentiality

3.4 ANT3

3.4.1 S11



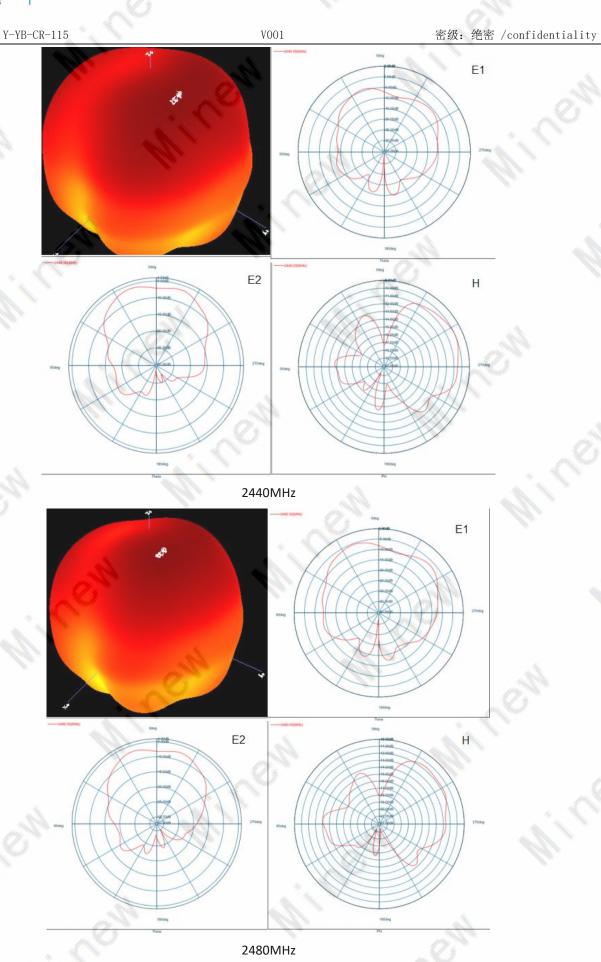
3.4.2 Gain



2402MHz







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YB-CR-115 V

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|-------------|--|--------------|
| 2400000000 | -4.18572 | -3.650712624 |
| 2402000000 | -4.10723 | 4 |
| 2404000000 | -3.9416 | |
| 2406000000 | -3.85998 | |
| 2408000000 | -3.97094 | |
| 2410000000 | -3.99438 | |
| 2412000000 | -3.90185 | |
| 2414000000 | -3.6984 | |
| 2416000000 | -3.78536 | |
| 2418000000 | -3.96134 | 0 |
| 2420000000 | -4.08586 | |
| 2422000000 | -3.766 | |
| 2424000000 | -3.67377 | |
| 2426000000 | -3.73564 | |
| 2428000000 | -3.80244 | |
| 2430000000 | -3.79834 | |
| 2432000000 | -3.65071 | |
| 2434000000 | -3.73408 | |
| 2436000000 | -4.02972 | |
| 2438000000 | -4.1585 | |
| 2440000000 | -4.36607 | 21 |
| 2442000000 | -4.32426 | |
| 2444000000 | -4.34749 | |
| 2446000000 | -4.44038 | |
| 2448000000 | -4.60278 | |
| 24500000000 | -4.63823 | |
| 2452000000 | -4.61165 | 04 |
| 2454000000 | -4.71556 | |
| 2456000000 | -4.87823 | |
| 2458000000 | -5.08642 | |
| 2460000000 | -5.17881 | |
| 2462000000 | -4.81019 | |
| 2464000000 | . // / / / / / / / / / / / / / / / / / | |
| 2466000000 | | |
| 2468000000 | -5.05261 | |
| 2470000000 | -4.94459 | |
| 2472000000 | -4.92135 | |
| 2474000000 | -4.90681 | |
| 2476000000 | -5.12103 | |
| 2478000000 | -5.27619 | |
| 2480000000 | -5.32618 | |

Gain data(Ant3)



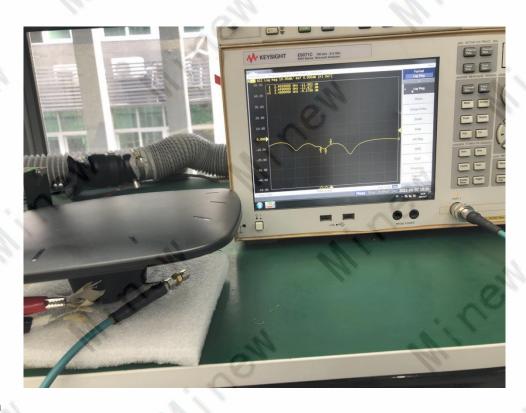


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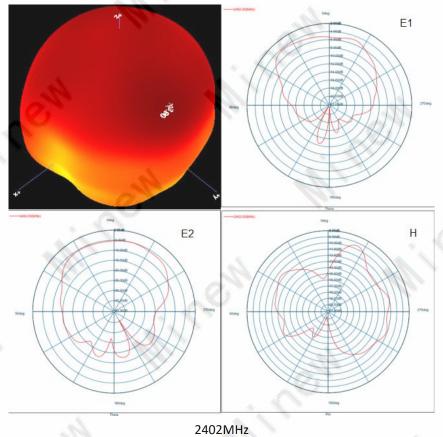
V001

密级: 绝密 /confidentiality

3. 5 ANT4 3. 5. 1 S11



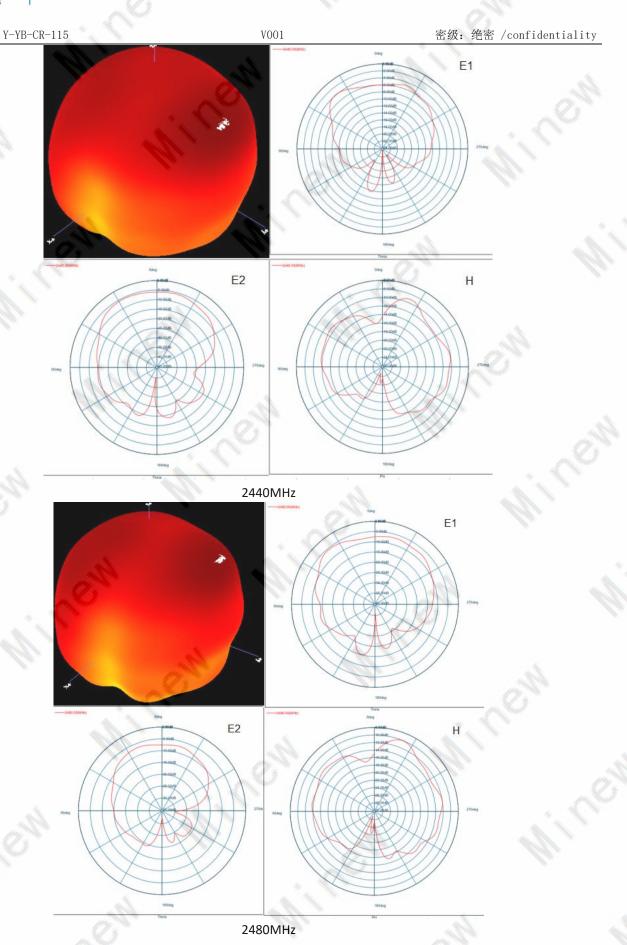
3.5.2 Gain



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密级: 绝密 /confidentiality

| Frequency | Gain dB | Peak Gain |
|------------|--|---|
| 2400000000 | -3.86693 | -3.487774106 |
| 2402000000 | P. Control of the Con | 100000000000000000000000000000000000000 |
| 2404000000 | -3.84987 | |
| 2406000000 | -3.80262 | |
| 2408000000 | -3.82039 | |
| 2410000000 | -3.83905 | |
| 2412000000 | -3.78384 | 0. |
| 2414000000 | -3.64953 | |
| 2416000000 | -3.62893 | |
| 2418000000 | -3.68692 | |
| 2420000000 | -3.75892 | |
| 2422000000 | -3.71031 | |
| 2424000000 | -3.61187 | |
| 2426000000 | -3.60106 | |
| 2428000000 | -3.66477 | |
| 2430000000 | -3.70274 | |
| 2432000000 | -3.5849 | |
| 2434000000 | -3.48777 | |
| 2436000000 | -3.54891 | |
| 2438000000 | -3.72112 | 5 |
| 2440000000 | -3.83739 | |
| 2442000000 | -3.81101 | |
| 2444000000 | -3.83075 | |
| 2446000000 | -3.9816 | S |
| 2448000000 | -4.18316 | |
| 2450000000 | -4.23445 | |
| 2452000000 | -4.17 | -04 |
| 2454000000 | -4.21544 | |
| 2456000000 | -4.41333 | |
| 2458000000 | -4.65504 | |
| 2460000000 | -4.73493 | |
| 2462000000 | -4.72634 | |
| 2464000000 | -4.75808 | |
| 2466000000 | -4.9249 | |
| 2468000000 | -5.10147 | |
| 2470000000 | -5.16979 | |
| 2472000000 | -5.12983 | |
| 2474000000 | -5.20386 | |
| 2476000000 | -5.41794 | |
| 2478000000 | -5.59027 | |
| 2480000000 | -5.61954 | |

Gain data(Ant4)





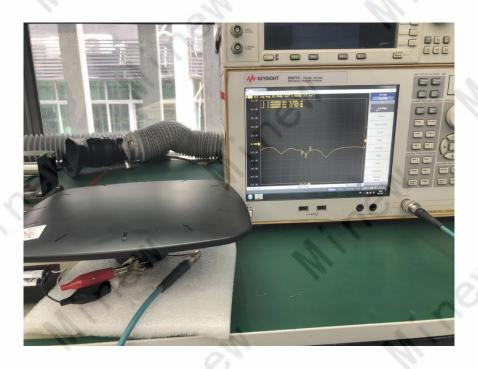
Y-YB-CR-115

V001

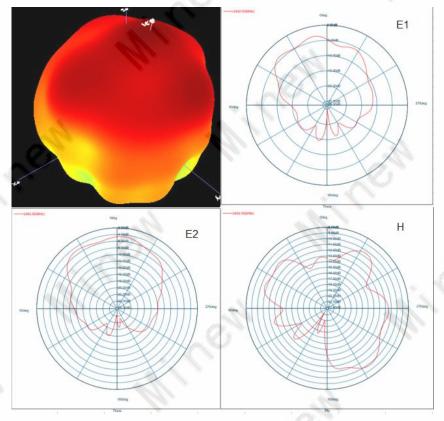
密级: 绝密 /confidentiality

3.6 ANT5

3.6.1 S11



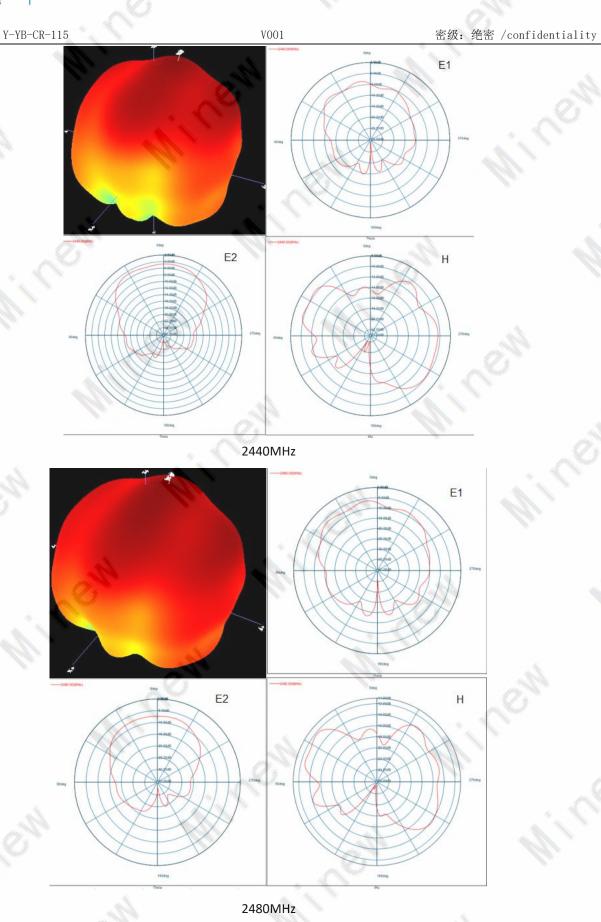
3.6.2 Gain



2402MHz











Y-YB-CR-115 V001

| 密级: | 绝密 | /confidentiality |
|-----|----|------------------|
| | | |

| Frequency | Gain dB | Peak Gain |
|------------|----------|--------------|
| 2400000000 | -3.37731 | -2.697004595 |
| 2402000000 | -3.30506 | |
| 2404000000 | -2.99272 | |
| 2406000000 | -2.90399 | |
| 2408000000 | -3.11499 | |
| 2410000000 | -3.24982 | |
| 2412000000 | -3.03267 | 0. |
| 2414000000 | -2.697 | |
| 2416000000 | -2.7302 | |
| 2418000000 | -3.02283 | |
| 2420000000 | -3.15602 | |
| 2422000000 | -2.89302 | |
| 2424000000 | -2.70409 | |
| 2426000000 | -2.86601 | |
| 2428000000 | -3.15707 | |
| 2430000000 | -3.19488 | |
| 2432000000 | -2.88469 | |
| 2434000000 | -2.74539 | |
| 2436000000 | -3.01403 | |
| 2438000000 | -3.3274 | |
| 2440000000 | -3.31093 | |
| 2442000000 | -3.06719 | |
| 2444000000 | -3.13623 | |
| 2446000000 | -3.5115 | |
| 2448000000 | -3.79664 | |
| 2450000000 | -3.64643 | |
| 2452000000 | -3.40409 | -04 |
| 2454000000 | -3.53766 | |
| 2456000000 | -3.91693 | |
| 2458000000 | -4.1368 | |
| 2460000000 | -3.99164 | |
| 2462000000 | -3.85732 | |
| 2464000000 | -4.02157 | |
| 2466000000 | | |
| 2468000000 | -4.43319 | |
| 2470000000 | -4.27411 | |
| 2472000000 | -4.13398 | |
| 2474000000 | -4.28947 | |
| 2476000000 | -4.53623 | |
| 2478000000 | -4.69913 | |

Gain data (Ant5)





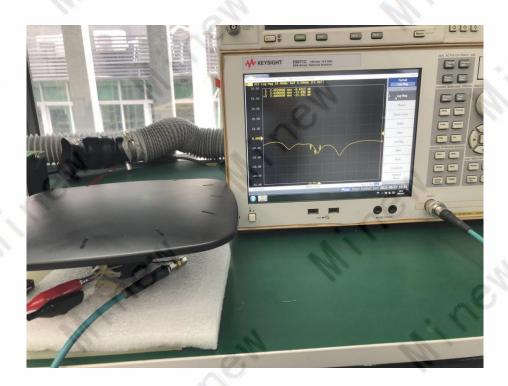
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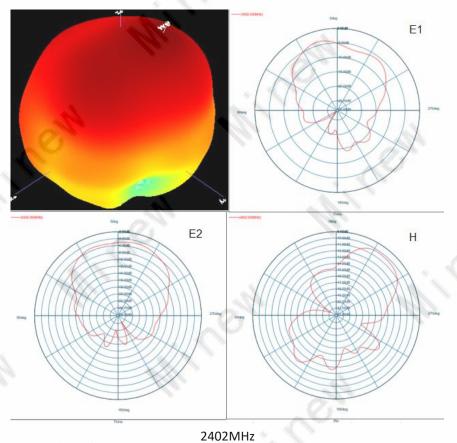
密级: 绝密 /confidentiality

3.7 ANT6

3.7.1 S11



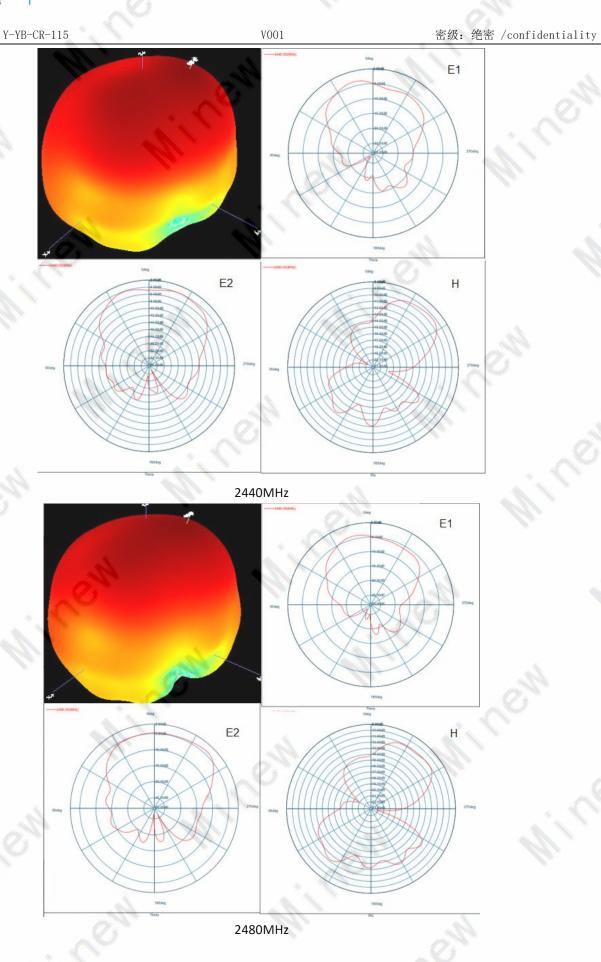
3.7.2 Gain



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YB-CR-115 V

密级: 绝密 /confidentiality

| Frequency | Gain dB | Peak Gain |
|------------|----------|--------------|
| 2400000000 | -3.48637 | -2.789008851 |
| 2402000000 | -3.44142 | |
| 2404000000 | -3.24374 | |
| 2406000000 | -3.19113 | 2 |
| 2408000000 | -3.29175 | |
| 2410000000 | -3.32507 | |
| 2412000000 | -3.18749 | |
| 2414000000 | -2.95476 | |
| 2416000000 | -2.95372 | |
| 2418000000 | -3.07325 | |
| 2420000000 | -3.09819 | |
| 2422000000 | -2.973 | |
| 2424000000 | -2.88643 | |
| 2426000000 | -2.94777 | 1 |
| 2428000000 | -3.03626 | |
| 2430000000 | -3.02404 | |
| 2432000000 | -2.86177 | |
| 2434000000 | -2.78901 | |
| 2436000000 | -2.89127 | |
| 2438000000 | -3.01325 | a 1 |
| 2440000000 | -3.03293 | |
| 2442000000 | -2.9304 | |
| 2444000000 | -2.9645 | |
| 2446000000 | -3.14502 | |
| 2448000000 | -3.281 | |
| 2450000000 | -3.22779 | |
| 2452000000 | -3.12129 | 03 |
| 2454000000 | -3.16689 | |
| 2456000000 | -3.37596 | |
| 2458000000 | -3.50469 | |
| 2460000000 | -3.4631 | Y : |
| 2462000000 | -3.36614 | |
| 2464000000 | -3.46079 | |
| 2466000000 | -3.64353 | |
| 2468000000 | -3.7368 | |
| 2470000000 | -3.6281 | |
| 2472000000 | -3.49767 | |
| 2474000000 | -3.59844 | |
| 2476000000 | -3.81282 | |
| 2478000000 | -3.90561 | |
| 2480000000 | -3.80351 | |

Gain data(Ant6)



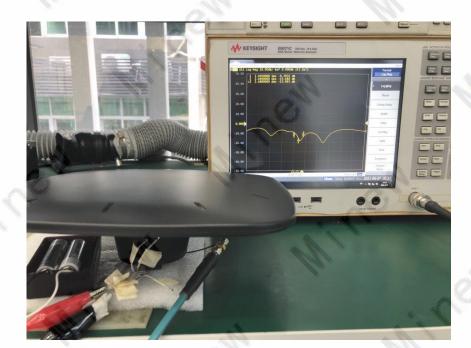


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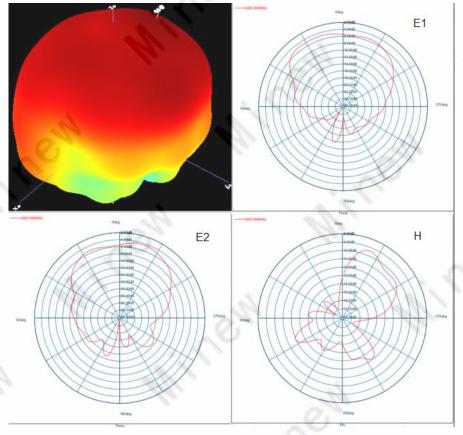
V001

密级: 绝密 /confidentiality

3.8 ANT7 3.8.1 S11



3.8.2 Gain

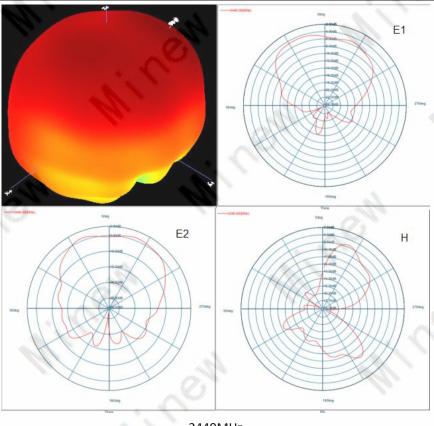


2402MHz

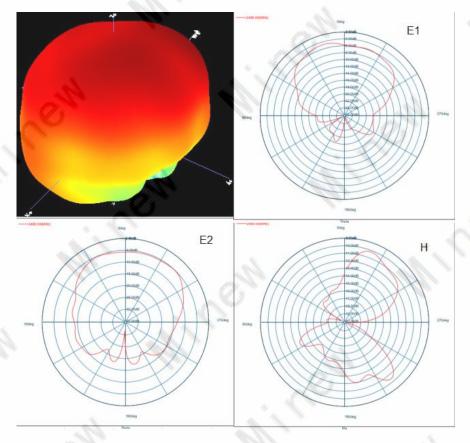




Y-YB-CR-115 V001 密级: 绝密 /confidentiality



2440MHz



2480MHz





YB-CR-115 V(

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|------------|-----------|--------------|
| 2400000000 | -3.99073 | -2.891172414 |
| 2402000000 | -3.98623 | |
| 2404000000 | -3.85542 | |
| 2406000000 | -3.77649 | |
| 2408000000 | -3.772 | |
| 2410000000 | -3.7384 | |
| 2412000000 | -3.67614 | |
| 2414000000 | -3.53077 | |
| 2416000000 | -3.46494 | |
| 2418000000 | -3.42826 | |
| 2420000000 | -3.42903 | |
| 2422000000 | -3.4034 | |
| 2424000000 | -3.32673 | |
| 2426000000 | -3.2479 | |
| 2428000000 | -3.16404 | |
| 2430000000 | -3.17789 | |
| 2432000000 | -3.13857 | |
| 2434000000 | -2.99769 | |
| 2436000000 | -2.9073 | |
| 2438000000 | -2.94838 | |
| 2440000000 | -3.06384 | |
| 2442000000 | -3.02746 | |
| 2444000000 | -2.89117 | 5 |
| 2446000000 | -2.89991 | |
| 2448000000 | -3.03619 | |
| 2450000000 | -3.10038 | |
| 2452000000 | -2.99022 | |
| 2454000000 | -2.90421 | |
| 2456000000 | -3.00558 | |
| 2458000000 | -3.1791 | |
| 2460000000 | -3.21156 | F/ |
| 2462000000 | -3.09367 | |
| 2464000000 | -3.04746 | |
| 2466000000 | -3.13513 | |
| 2468000000 | -3.26779 | |
| 2470000000 | -3.27303 | |
| 2472000000 | -3.16623 | |
| 2474000000 | -3.16443 | |
| 2476000000 | -3.29824 | 57 |
| 2478000000 | -3.45793 | |
| 2480000000 | -3,44017 | |

Gain data(Ant7)



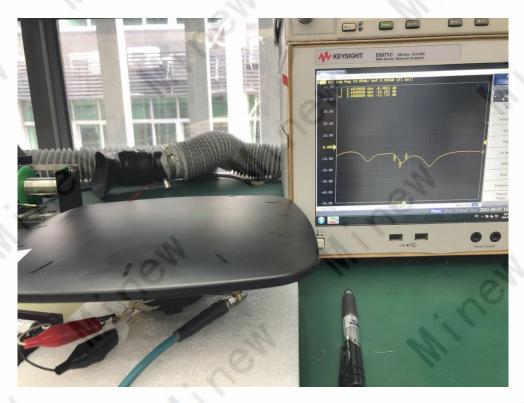


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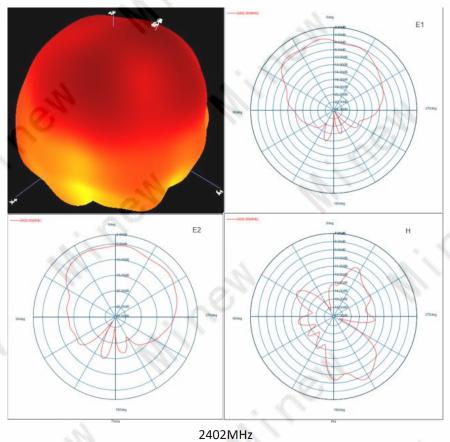
V001

密级: 绝密 /confidentiality

3. 9 ANT8 3. 9. 1 S11



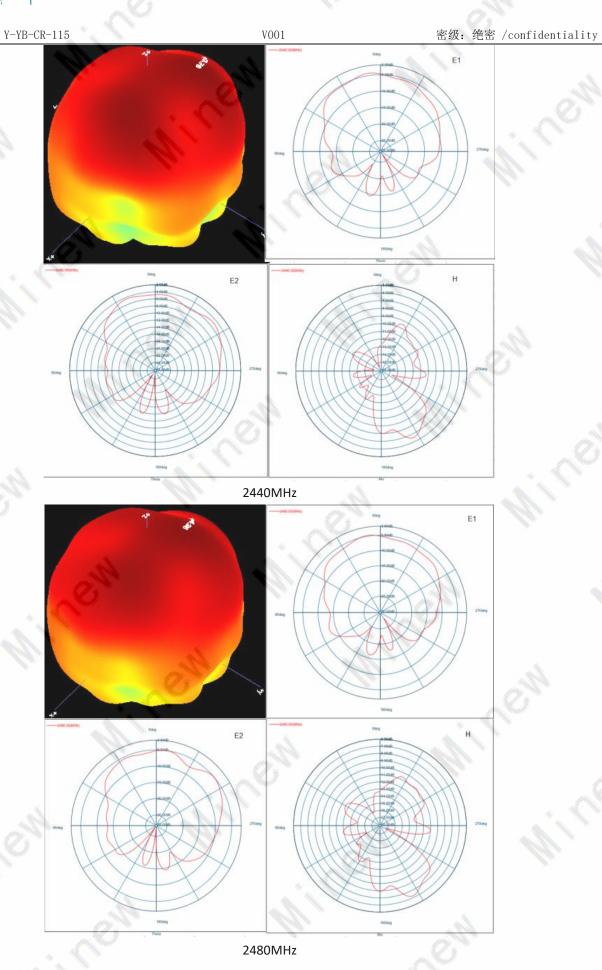
3.9.2 Gain



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Y-YB-CR-115

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|------------|-----------------------|--------------|
| 2400000000 | -4.32522 | -3.535947895 |
| 2402000000 | -4.29461 | |
| 2404000000 | -4.10379 | |
| 2406000000 | -4.0061 | |
| 2408000000 | -4.0607 | |
| 2410000000 | -4.06986 | |
| 2412000000 | -3.96451 | 0 |
| 2414000000 | -3.76096 | |
| 2416000000 | -3.71512 | |
| 2418000000 | -3.79206 | |
| 2420000000 | -3.83308 | |
| 2422000000 | -3.74017 | |
| 2424000000 | -3.62946 | |
| 2426000000 | -3.66751 | 1 |
| 2428000000 | -3.73098 | |
| 2430000000 | -3.74497 | |
| 2432000000 | -3.62307 | |
| 2434000000 | -3.53595 | |
| 2436000000 | -3.61343 | |
| 2438000000 | -3.72523 | |
| 2440000000 | -3.76223 | |
| 2442000000 | -3.67736 | 8 |
| 2444000000 | -3.69046 | |
| 2446000000 | -3.8037 | |
| 2448000000 | -3.94712 | |
| 2450000000 | -3.93759 | |
| 2452000000 | -3.82181 | 0,1 |
| 2454000000 | -3.85568 | |
| 2456000000 | -4.02125 | |
| 2458000000 | -4.14858 | |
| 2460000000 | -4.12806 | |
| 2462000000 | -4.02435 | |
| 2464000000 | -4.08754 | |
| 2466000000 | 1 0 0 0 1 0 1 0 1 0 1 | |
| 2468000000 | -4.30834 | |
| 2470000000 | -4.2264 | |
| 2472000000 | -4.10967 | |
| 2474000000 | -4.21621 | 3 |
| 2476000000 | -4.39226 | |
| 2478000000 | -4.4869 | |
| 2480000000 | -4.38362 | |

Gain data(Ant8)



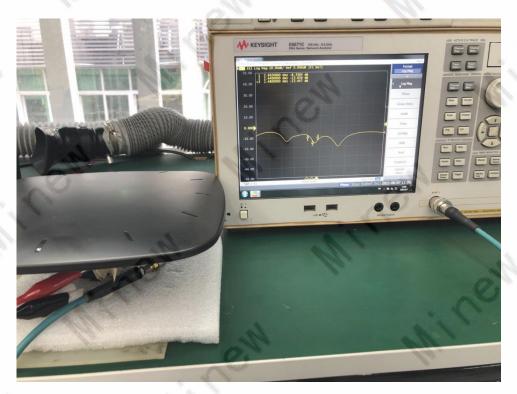


Y-YB-CR-115

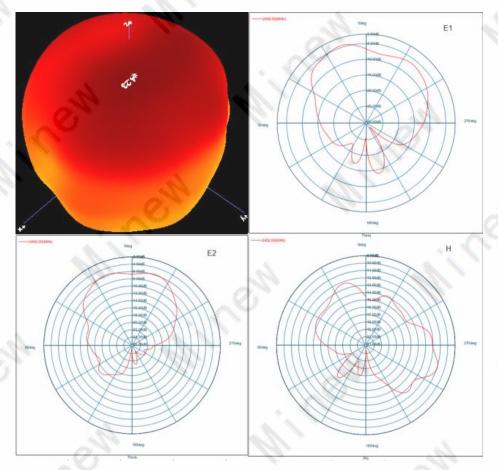
V001

密级: 绝密 /confidentiality

- 3.10 ANT9
- 3.10.1 S11



3.10.2 Gain



2402MHz

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密级: 绝密 /confidentiality Y-YB-CR-115 V001 Н E2 2440MHz 2480MHz





Y-YB-CR-115 V001

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|------------|---|--|
| 2400000000 | -4.273 | -2.619842906 |
| 2402000000 | -4.22793 | -11/200000000000000000000000000000000000 |
| 2404000000 | -4.03084 | |
| 2406000000 | -3.89428 | 8 |
| 2408000000 | -3.83937 | |
| 2410000000 | -3.79514 | |
| 2412000000 | -3.66305 | ()4 |
| 2414000000 | -3.43083 | |
| 2416000000 | -3.31363 | |
| 2418000000 | -3.29811 | |
| 2420000000 | -3.28358 | |
| 2422000000 | -3.13244 | |
| 2424000000 | -2.99099 | |
| 2426000000 | -2.95415 | 1 |
| 2428000000 | -2.93413 | |
| 2430000000 | -2.88741 | |
| 2432000000 | -2.72546 | |
| 2434000000 | -2.61984 | |
| 2436000000 | -2.64083 | |
| 2438000000 | | - 0 |
| 2440000000 | -2.71092 | P) |
| 2442000000 | -2.63517 | |
| 2444000000 | -2.6368 | |
| 2446000000 | -2.70301 | |
| 2448000000 | -2.78624 | |
| 2450000000 | -2.74856 | |
| 2452000000 | -2.68392 | 04 |
| 2454000000 | 100000000000000000000000000000000000000 | |
| 2456000000 | -2.77761 | |
| 2458000000 | -2.87569 | |
| 2460000000 | -2.87722 | |
| 2462000000 | C 10 / 10 / 10 / 10 / 10 / 10 / 10 / 10 | |
| 2464000000 | -2.80461 | |
| 2466000000 | - | |
| 2468000000 | -2.92105 | |
| 2470000000 | -2.90102 | |
| 2472000000 | -2.83039 | |
| 2474000000 | -2.84362 | |
| 2476000000 | -2.92905 | |
| 2478000000 | -3.01973 | |

Gain data (Ant9)





Y-YB-CR-115

V001

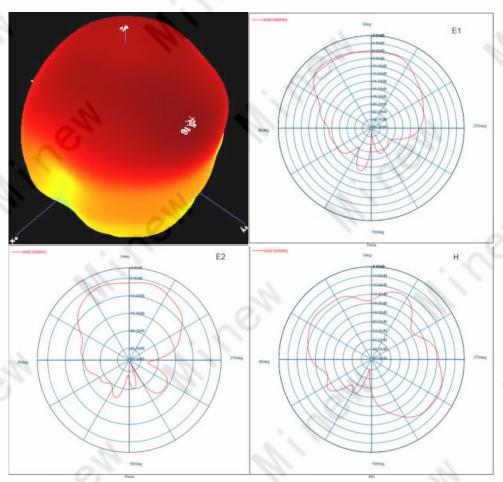
密级: 绝密 /confidentiality

3.11 ANT10

3.11.1 S11



3.11.2 Gain



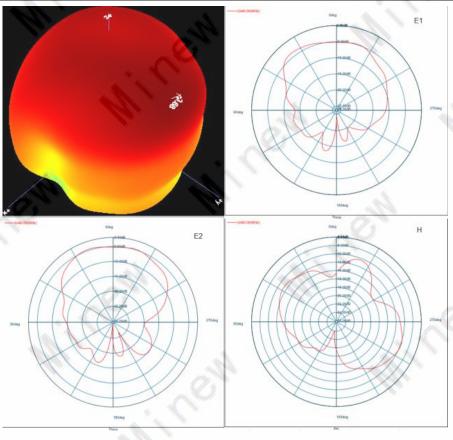
2402MHz

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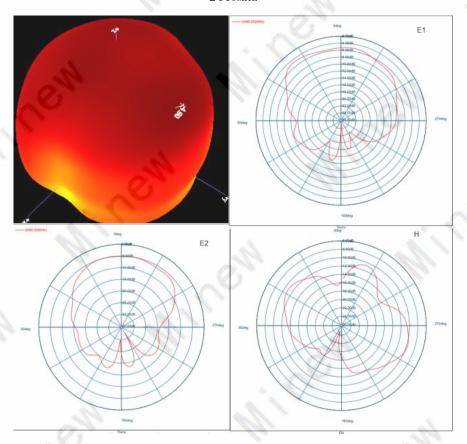




Y-YB-CR-115 V001 密级: 绝密 /confidentiality



2440MHz



2480MHz





YB-CR-115 V

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|------------|-----------|--------------|
| 2400000000 | -5.1345 | -3.495534335 |
| 2402000000 | -5.15772 | |
| 2404000000 | -4.96713 | 3 |
| 2406000000 | -4.79173 | |
| 2408000000 | -4.71197 | |
| 2410000000 | -4.67624 | |
| 2412000000 | -4.58349 | 04 |
| 2414000000 | -4.29981 | |
| 2416000000 | -4.15649 | |
| 2418000000 | -4.14077 | |
| 2420000000 | -4.19226 | |
| 2422000000 | -4.11343 | |
| 2424000000 | -3.92049 | |
| 2426000000 | -3.82096 | |
| 2428000000 | -3.81232 | |
| 2430000000 | -3.84452 | |
| 2432000000 | -3.70942 | |
| 2434000000 | -3.52226 | |
| 2436000000 | -3.49553 | |
| 2438000000 | -3.5828 | |
| 2440000000 | -3.67758 | |
| 2442000000 | -3.61741 | 3 |
| 2444000000 | -3.53716 | 3 |
| 2446000000 | -3,60253 | |
| 2448000000 | -3.74964 | |
| 2450000000 | -3.7923 | |
| 2452000000 | -3.69371 | 04 |
| 2454000000 | -3.65746 | |
| 2456000000 | -3.76978 | |
| 2458000000 | -3.95881 | |
| 2460000000 | -4.04827 | 3 |
| 2462000000 | -4.00569 | |
| 2464000000 | -3.9919 | |
| 2466000000 | -4.08277 | * |
| 2468000000 | -4.21845 | |
| 2470000000 | -4.2865 | |
| 2472000000 | -4.23063 | |
| 2474000000 | -4.25315 | |
| 2476000000 | -4.37965 | |
| 2478000000 | -4.55946 | |
| 2480000000 | -4.60251 | |

Gain data (Ant10)



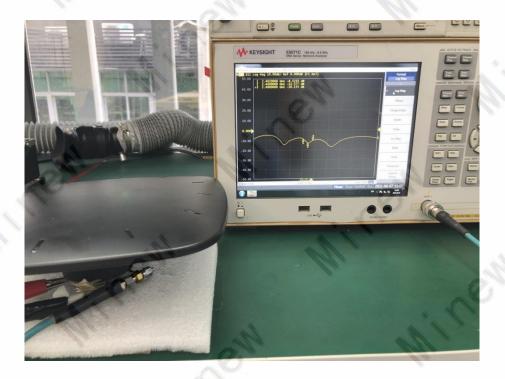


Y-YB-CR-115

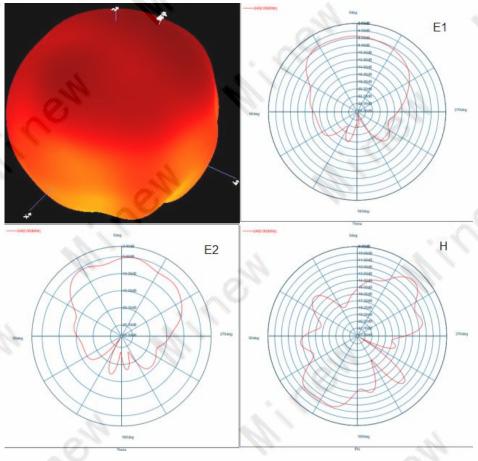
V001

密级: 绝密 /confidentiality

- 3.12 ANT11
- 3.12.1 S11



3.12.2 Gain



2402MHz

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Y-YB-CR-115 V001 密级: 绝密 /confidentiality E1 2440MHz E1 E2

2480MHz





YB-CR-115 V001

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|------------|-----------|---|
| 2400000000 | -4.92731 | -3.636841649 |
| 2402000000 | 9-4.88523 | 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - |
| 2404000000 | -4.59831 | |
| 2406000000 | -4.45471 | |
| 2408000000 | -4.46015 | |
| 2410000000 | -4.43759 | |
| 2412000000 | -4.34921 | 04 |
| 2414000000 | -4.09318 | |
| 2416000000 | -3.99887 | |
| 2418000000 | -4.04388 | |
| 2420000000 | -4.10459 | |
| 2422000000 | -3.98617 | |
| 2424000000 | -3.81476 | |
| 2426000000 | -3.79824 | |
| 2428000000 | -3.83307 | |
| 2430000000 | -3.86304 | |
| 2432000000 | -3.75647 | |
| 2434000000 | -3.63684 | |
| 2436000000 | -3.66988 | |
| 2438000000 | -3.77627 | |
| 2440000000 | -3.88458 | |
| 2442000000 | -3.83676 | |
| 2444000000 | -3.8158 | |
| 2446000000 | -3.89195 | |
| 2448000000 | -4.00848 | |
| 2450000000 | -4.10486 | |
| 2452000000 | -4.07786 | 04 |
| 2454000000 | -4.05487 | |
| 2456000000 | -4.10346 | |
| 2458000000 | -4.2456 | |
| 2460000000 | -4.35696 | 1 |
| 2462000000 | -4.28499 | |
| 2464000000 | -4.19788 | |
| 2466000000 | -4.20828 | * . |
| 2468000000 | -4.3363 | |
| 2470000000 | -4.4377 | |
| 2472000000 | -4.38849 | |
| 2474000000 | -4.3243 | |
| 2476000000 | -4.37812 | Ŷ. |
| 2478000000 | 4 52001 | 1 |
| 24/0000000 | -4.53801 | |

Gain data(Ant11)





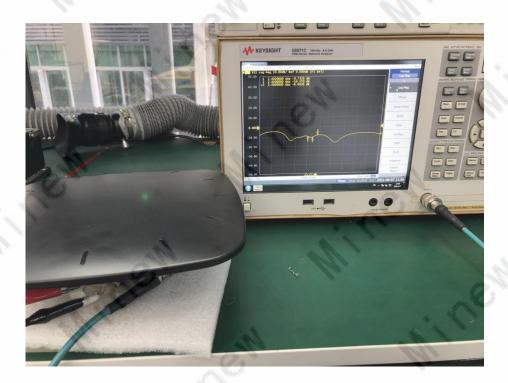
Y-YB-CR-115

V001

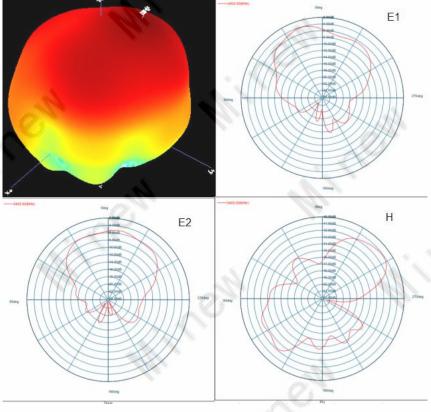
密级: 绝密 /confidentiality

3.13 ANT12

3.13.1 S11



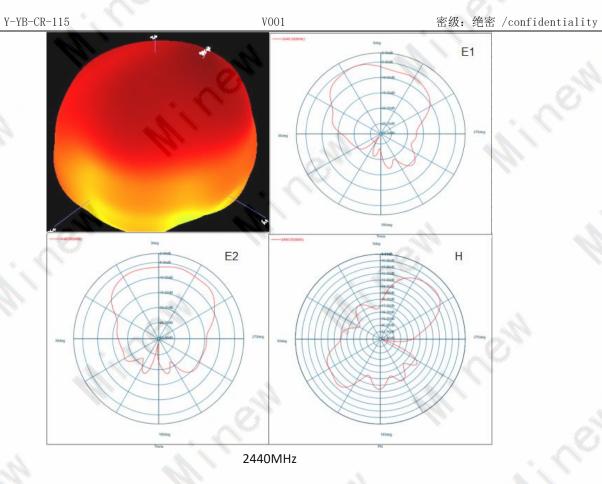
3.13.2 Gain

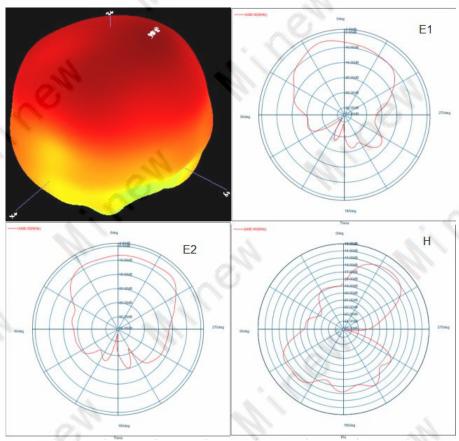


2402MHz









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2480MHz





YB-CR-115 V

密级: 绝密 /confidentiality

| Frequency | Gain . dB | Peak Gain |
|------------|-----------|--------------|
| 2400000000 | -3.72088 | -3.368665146 |
| 2402000000 | -3.66788 | |
| 2404000000 | -3.50148 | |
| 2406000000 | -3.4435 | } |
| 2408000000 | -3.5483 | |
| 2410000000 | -3.6056 | |
| 2412000000 | -3.53255 | 04 |
| 2414000000 | -3.36867 | |
| 2416000000 | -3.38106 | |
| 2418000000 | -3.53256 | |
| 2420000000 | -3.64331 | |
| 2422000000 | -3.59815 | } |
| 2424000000 | -3.54374 | |
| 2426000000 | -3.65471 | |
| 2428000000 | -3.81255 | |
| 2430000000 | -3.91009 | |
| 2432000000 | -3.87464 | |
| 2434000000 | -3.89116 | |
| 2436000000 | -4.06426 | |
| 2438000000 | -4.32199 | |
| 2440000000 | -4.47989 | |
| 2442000000 | -4.52744 | 3 |
| 2444000000 | -4.63909 | |
| 2446000000 | -4.91111 | |
| 2448000000 | -5.18178 | |
| 2450000000 | -5.29654 | |
| 2452000000 | -5.31665 | 04 |
| 2454000000 | -5.44218 | |
| 2456000000 | -5.70516 | |
| 2458000000 | -5.95555 | |
| 2460000000 | -6.06507 | |
| 2462000000 | -6.01962 | |
| 2464000000 | -6.12001 | |
| 2466000000 | -6.30684 | |
| 2468000000 | -6.50284 | |
| 2470000000 | -6.54923 | |
| 2472000000 | -6.49356 | |
| 2474000000 | -6.57821 | |
| 2476000000 | -6.77486 | |
| 2478000000 | -7.00155 | |
| 2480000000 | -7.03745 | |

Gain data (Ant12)