

## APPENDIX A5: FREQUENCY STABILITY

### GSM 850& PCS 1900:

| Voltage   |         |               |                  |                |                 |             |         |
|-----------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band      | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850    | 190     | VN            | NT               | -3.71          | -0.004435       | ±2.5        | PASS    |
| GSM850    | 190     | VL            | NT               | -2.13          | -0.002546       | ±2.5        | PASS    |
| GSM850    | 190     | VH            | NT               | -2.71          | -0.003239       | ±2.5        | PASS    |
| EGPRS850  | 190     | VN            | NT               | -4.04          | -0.004829       | ±2.5        | PASS    |
| EGPRS850  | 190     | VL            | NT               | -2.23          | -0.002666       | ±2.5        | PASS    |
| EGPRS850  | 190     | VH            | NT               | -4.13          | -0.004937       | ±2.5        | PASS    |
| GSM1900   | 661     | VN            | NT               | -3.81          | -0.002027       | ±2.5        | PASS    |
| GSM1900   | 661     | VL            | NT               | -5.62          | -0.002989       | ±2.5        | PASS    |
| GSM1900   | 661     | VH            | NT               | -7.78          | -0.004138       | ±2.5        | PASS    |
| EGPRS1900 | 661     | VN            | NT               | -7.49          | -0.003984       | ±2.5        | PASS    |
| EGPRS1900 | 661     | VL            | NT               | -10.69         | -0.005686       | ±2.5        | PASS    |
| EGPRS1900 | 661     | VH            | NT               | -10.59         | -0.005633       | ±2.5        | PASS    |
| CDMA BC0  | 384     | VN            | NT               | -4.74          | -0.005666       | ±2.5        | PASS    |
| CDMA BC0  | 384     | VL            | NT               | -3.89          | -0.004650       | ±2.5        | PASS    |
| CDMA BC0  | 384     | VH            | NT               | -5.41          | -0.006467       | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850      | 190     | NV            | -30              | -4.49          | -0.005367       | ±2.5        | PASS    |
| GSM850      | 190     | NV            | -20              | -5.23          | -0.006251       | ±2.5        | PASS    |
| GSM850      | 190     | NV            | -10              | -2.03          | -0.002426       | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 0                | -2.62          | -0.003132       | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 10               | 0.00           | 0.000000        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 20               | 1.07           | 0.001279        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 30               | 1.65           | 0.001972        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 40               | 2.39           | 0.002857        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 50               | 1.36           | 0.001626        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | -30              | -5.84          | -0.006981       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | -20              | 0.36           | 0.000430        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | -10              | -2.49          | -0.002976       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 0                | -2.81          | -0.003359       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 10               | -2.16          | -0.002582       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 20               | -5.52          | -0.006598       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 30               | -1.42          | -0.001697       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 40               | -1.74          | -0.002080       | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 50               | 1.68           | 0.002008        | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | -30              | -4.16          | -0.002213       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | -20              | -4.91          | -0.002612       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | -10              | -3.97          | -0.002112       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | 0                | -4.29          | -0.002282       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | 10               | -10.04         | -0.005340       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | 20               | -11.14         | -0.005926       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | 30               | -3.33          | -0.001771       | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | 40               | 1.97           | 0.001048        | ±2.5        | PASS    |
| GSM1900     | 661     | NV            | 50               | -6.07          | -0.003229       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | -30              | -11.69         | -0.006218       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | -20              | -5.88          | -0.003128       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | -10              | -9.59          | -0.005101       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | 0                | -10.46         | -0.005564       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | 10               | -7.65          | -0.004069       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | 20               | -9.36          | -0.004979       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | 30               | -11.66         | -0.006202       | ±2.5        | PASS    |
| EGPRS1900   | 661     | NV            | 40               | -6.20          | -0.003298       | ±2.5        | PASS    |

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| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| EGPRS1900   | 661     | NV            | 50               | -3.97          | -0.002112       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | -30              | -5.27          | -0.006300       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | -20              | -8.15          | -0.009743       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | -10              | -6.25          | -0.007472       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | 0                | -8.17          | -0.009767       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | 10               | -4.89          | -0.005846       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | 20               | -3.58          | -0.004280       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | 30               | -4.57          | -0.005463       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | 40               | -7.58          | -0.009062       | ±2.5        | PASS    |
| CDMA BC0    | 384     | NV            | 50               | -5.61          | -0.006707       | ±2.5        | PASS    |

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## APPENDIX B: WCDMA

### APPENDIX B1: PEAK-TO-AVERAGE RATIO

#### Test Result(WCDMA)

| Band  | Channel | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
|-------|---------|----------------------------|------------|---------|
| Band2 | 9262    | 2.96                       | 13         | PASS    |
| Band2 | 9400    | 3.1                        | 13         | PASS    |
| Band2 | 9538    | 2.97                       | 13         | PASS    |
| Band5 | 4132    | 3.17                       | 13         | PASS    |
| Band5 | 4182    | 3.18                       | 13         | PASS    |
| Band5 | 4233    | 3.17                       | 13         | PASS    |

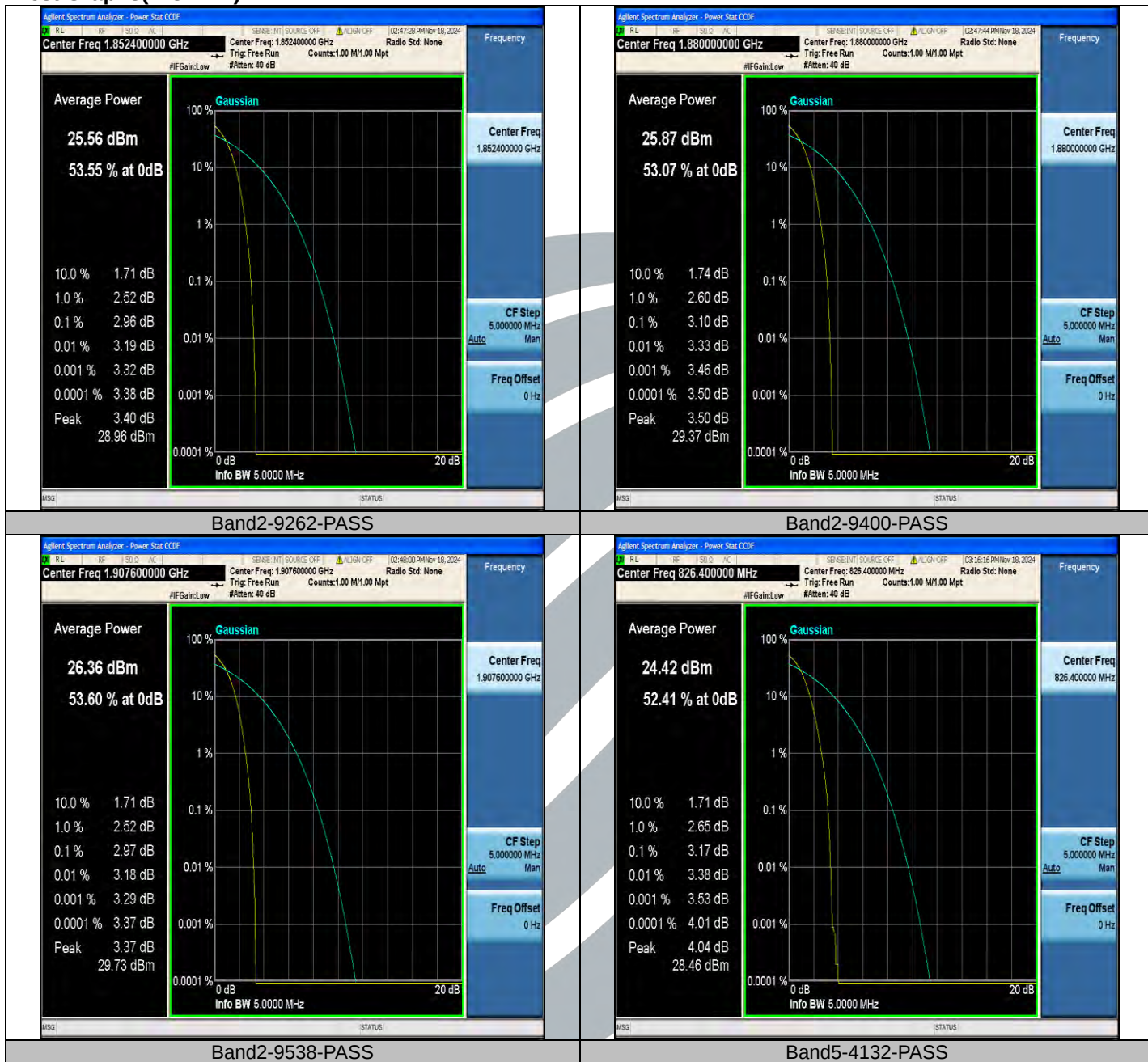
#### Test Result(HSDPA)

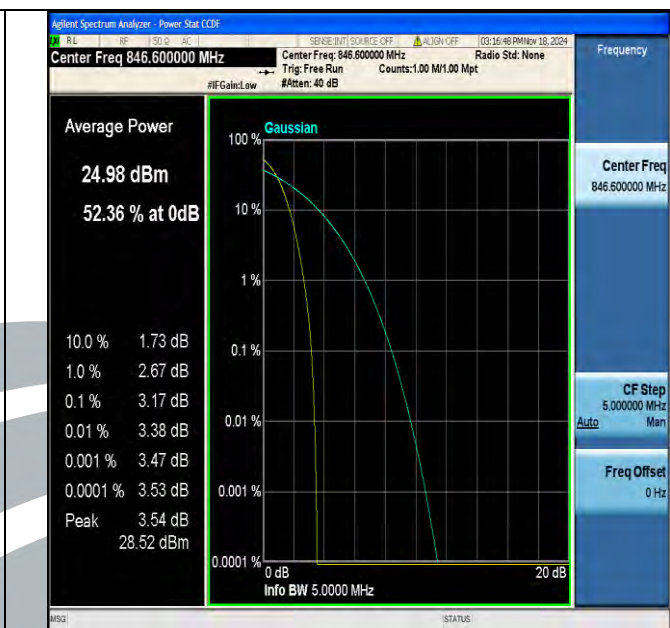
| Band  | Channel | Sub Test | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
|-------|---------|----------|----------------------------|------------|---------|
| Band2 | 9262    | 1        | 3.1                        | 13         | PASS    |
| Band2 | 9400    | 1        | 3.18                       | 13         | PASS    |
| Band2 | 9538    | 1        | 3.11                       | 13         | PASS    |
| Band5 | 4132    | 1        | 3.18                       | 13         | PASS    |
| Band5 | 4182    | 1        | 3.19                       | 13         | PASS    |
| Band5 | 4233    | 1        | 3.19                       | 13         | PASS    |

#### Test Result(HSUPA)

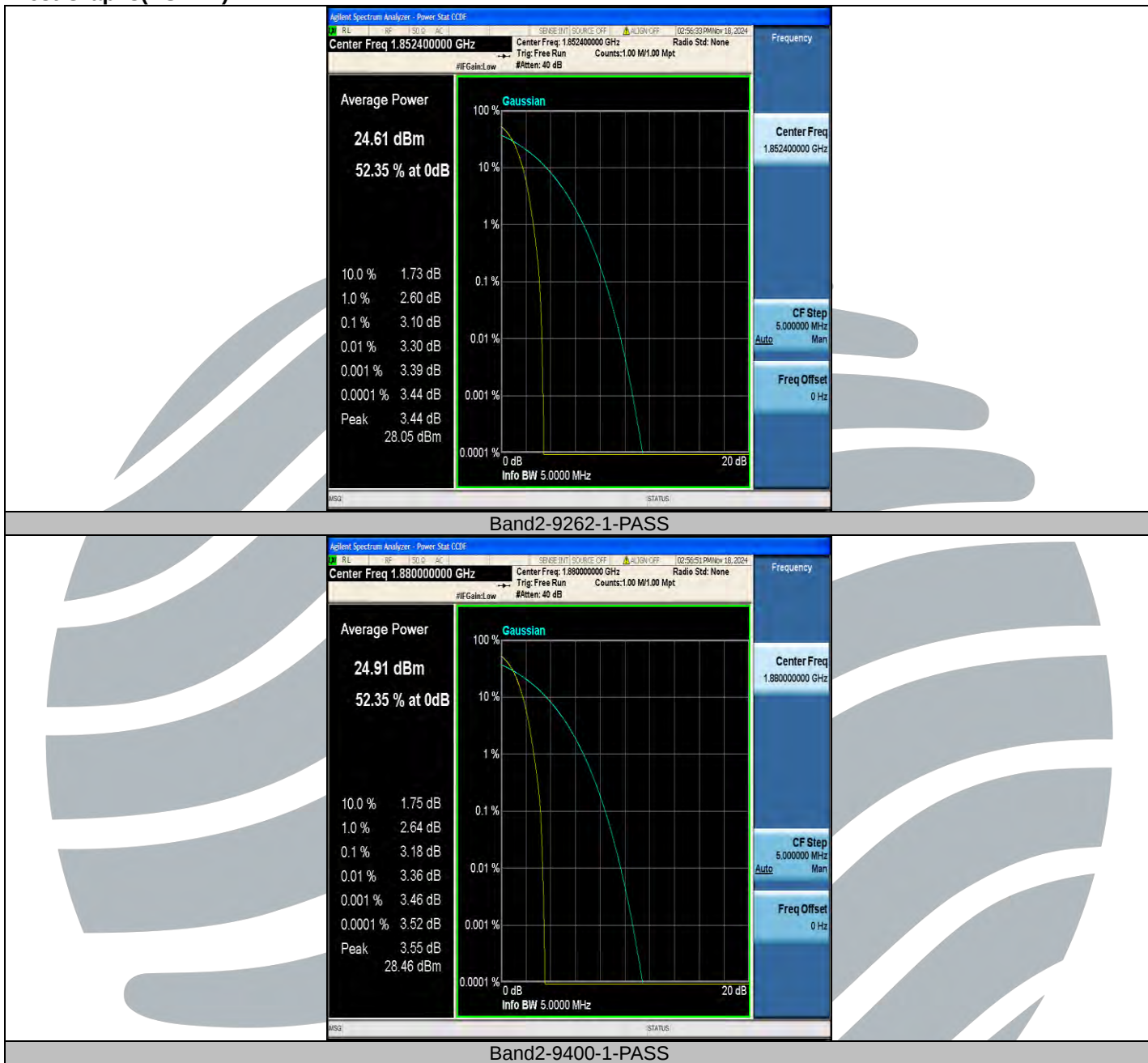
| Band  | Channel | Sub Test | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
|-------|---------|----------|----------------------------|------------|---------|
| Band2 | 9262    | 1        | 4.5                        | 13         | PASS    |
| Band2 | 9400    | 1        | 4.63                       | 13         | PASS    |
| Band2 | 9538    | 1        | 4.58                       | 13         | PASS    |
| Band5 | 4132    | 1        | 4.55                       | 13         | PASS    |
| Band5 | 4182    | 1        | 4.6                        | 13         | PASS    |
| Band5 | 4233    | 1        | 4.58                       | 13         | PASS    |

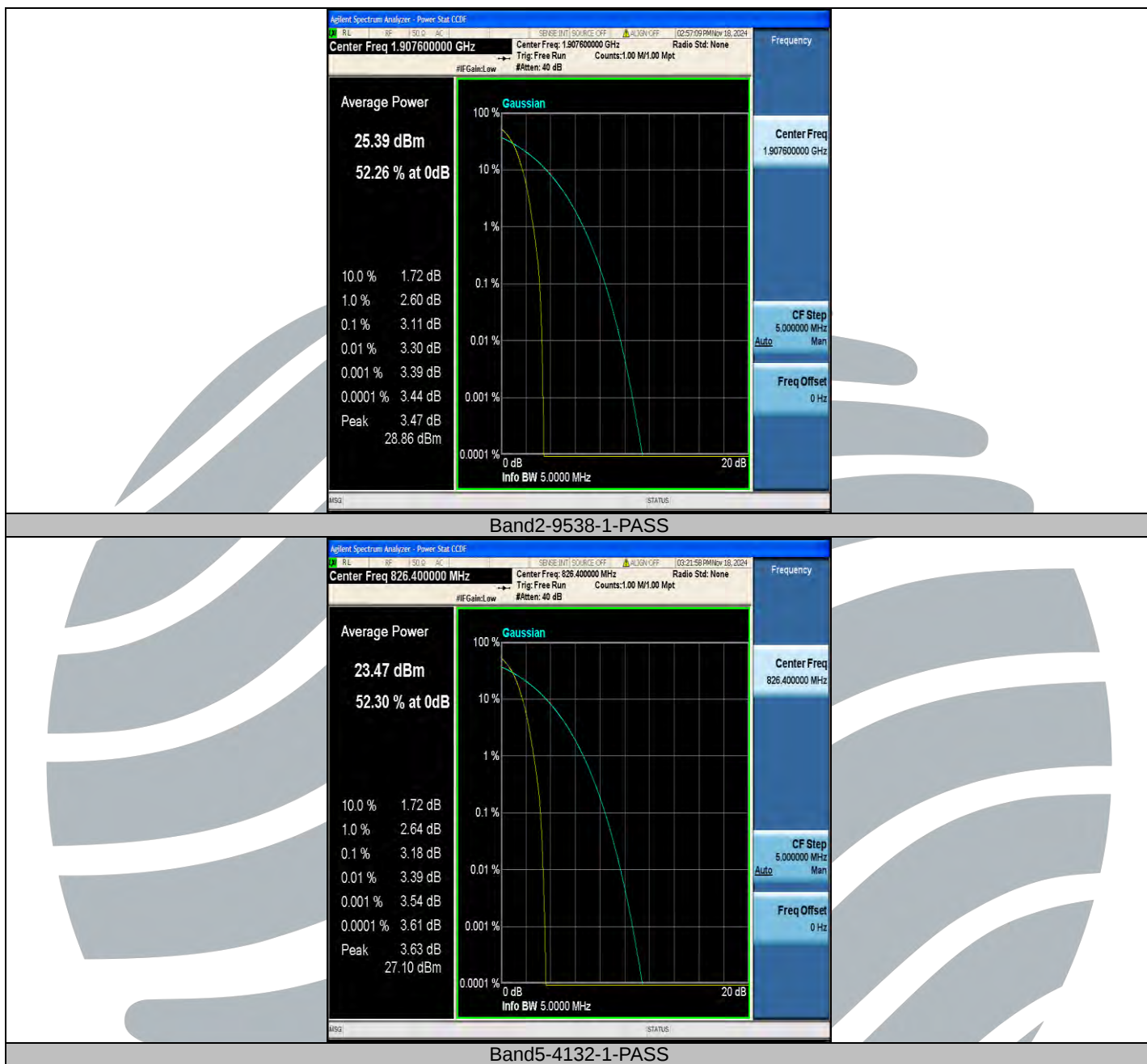
# Test Graphs(WCDMA)

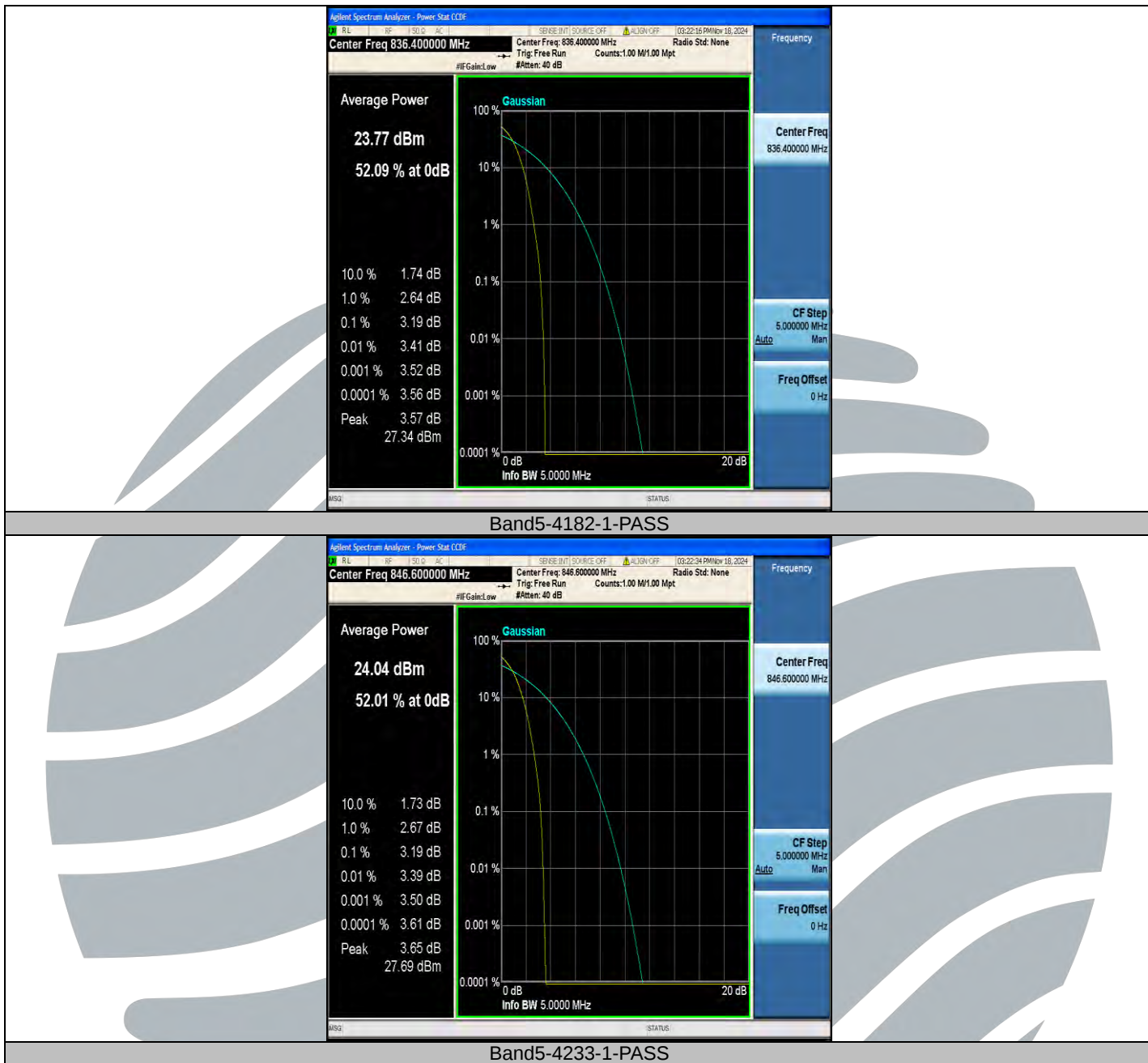




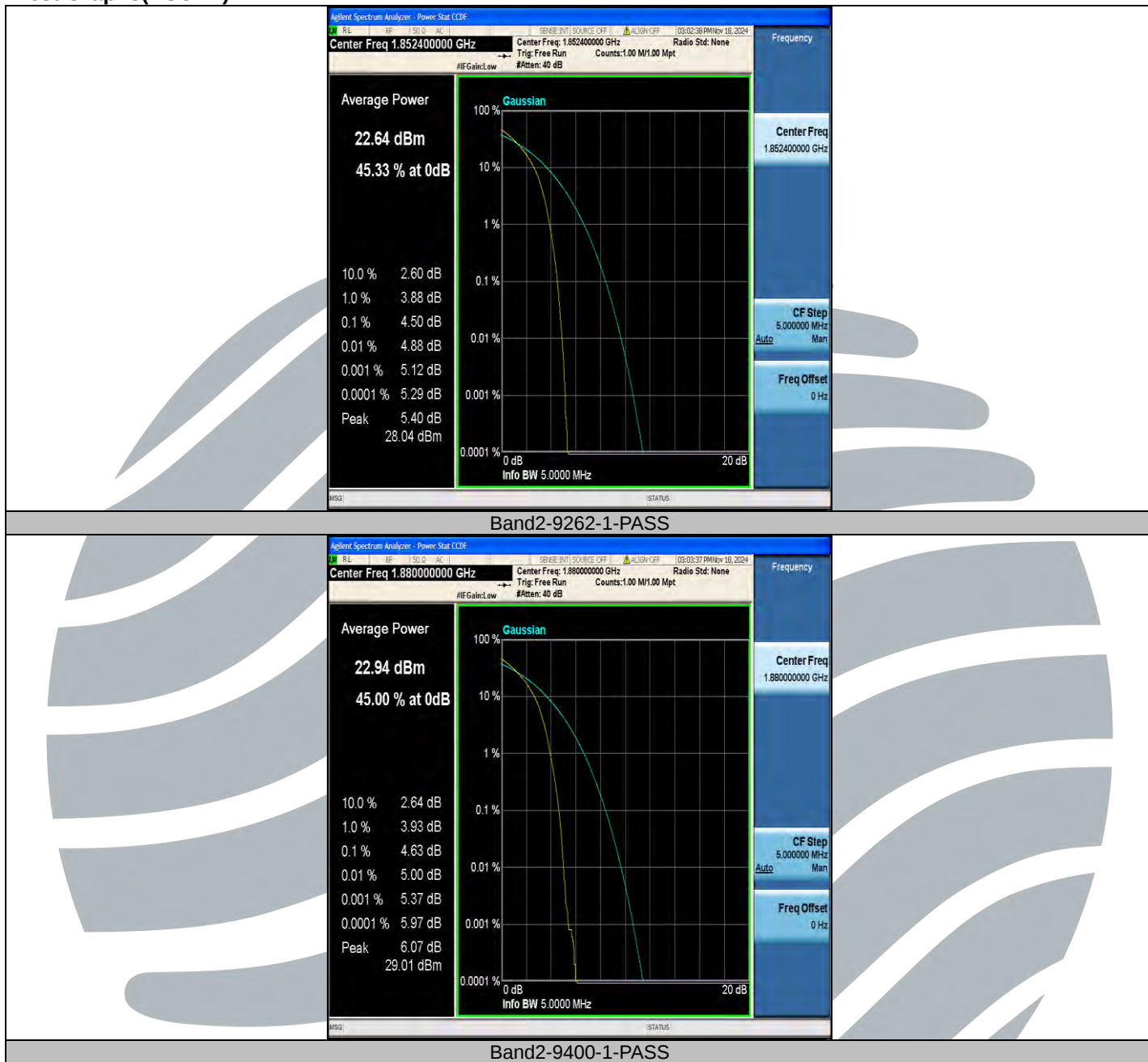
# Test Graphs(HSDPA)

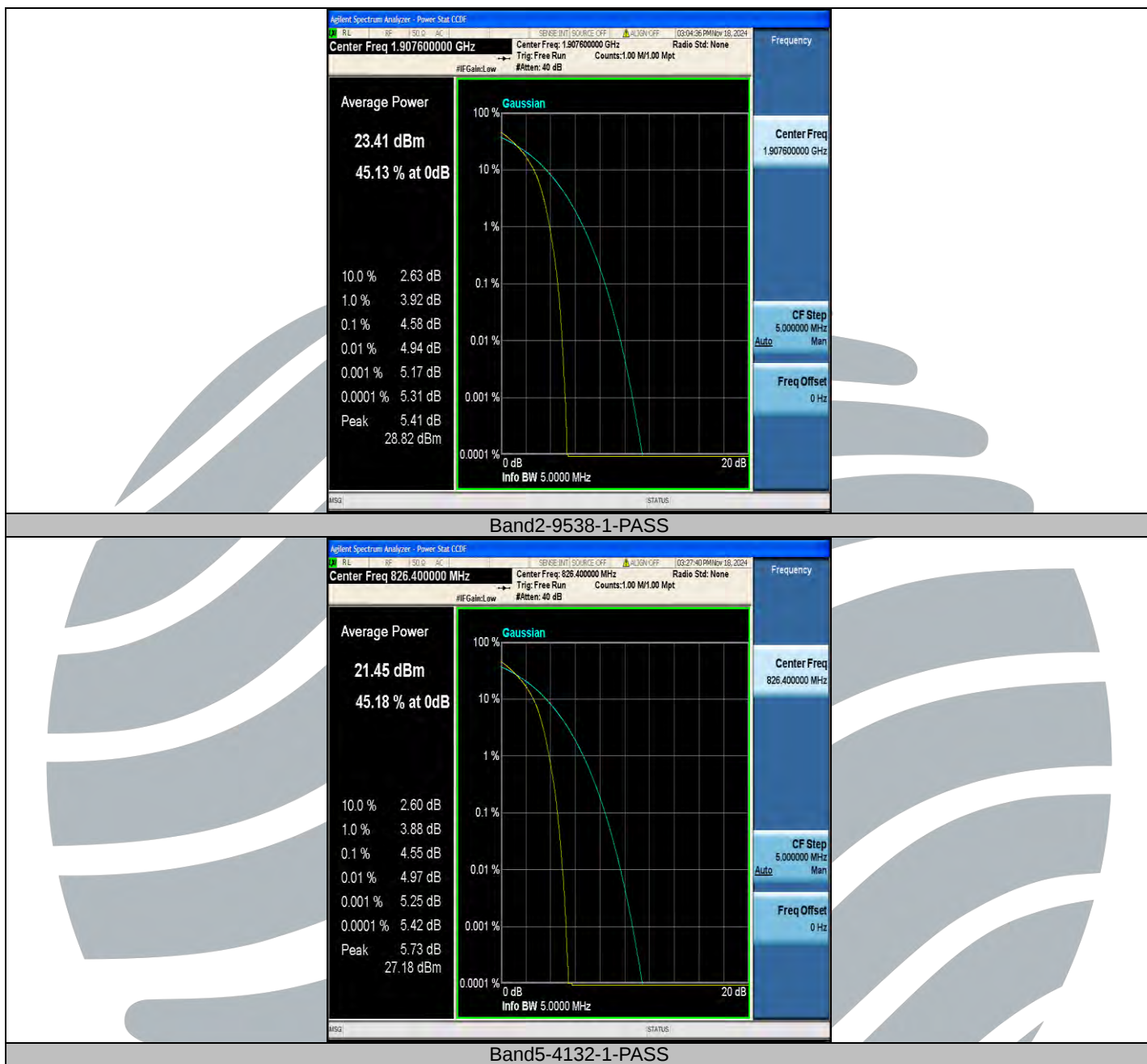


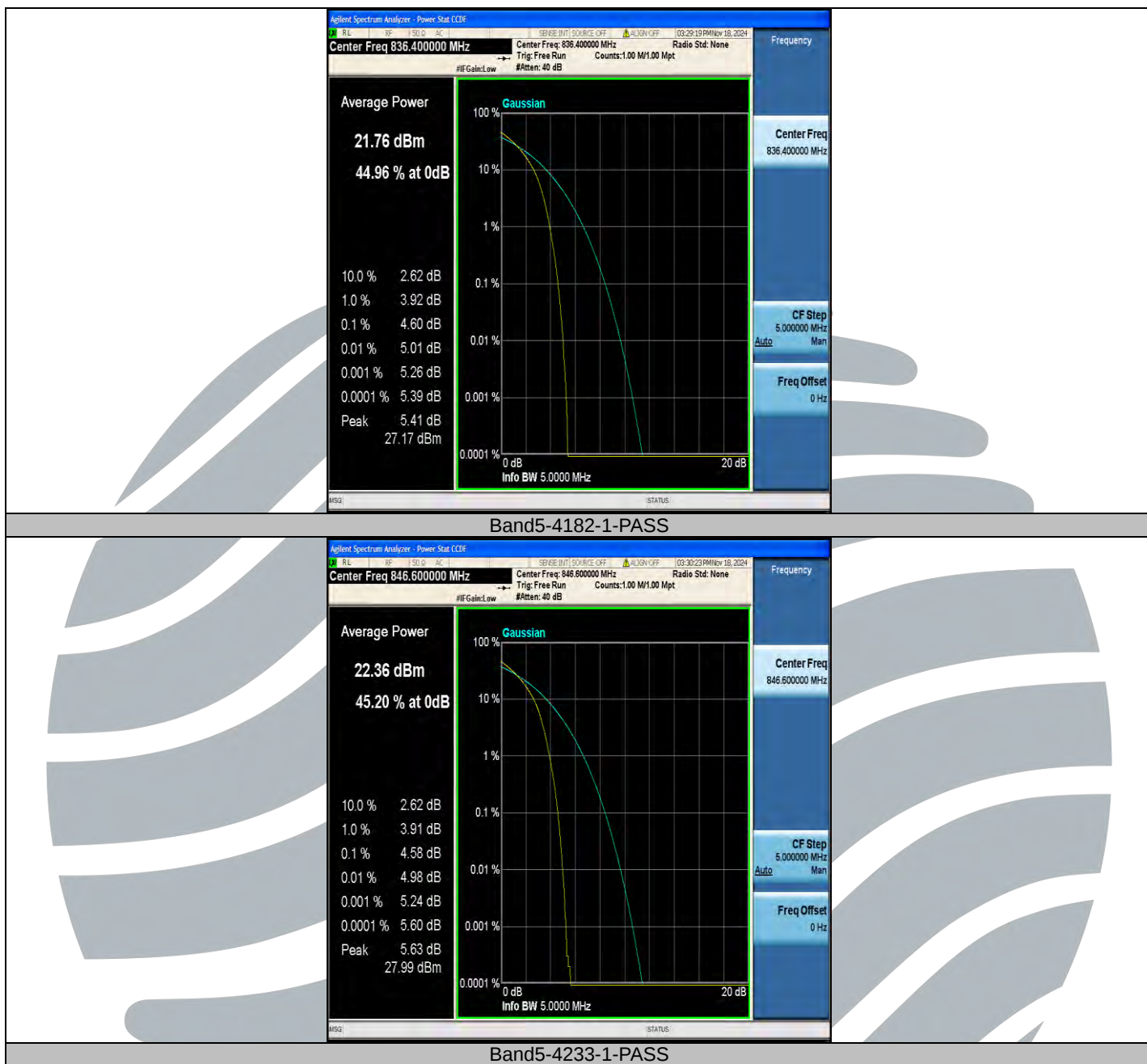




## Test Graphs(HSUPA)







## APPENDIX B2: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result(WCDMA)

| Band  | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|--------------------------|----------------------|------------|---------|
| Band2 | 9262    | 4.1546                   | 4.707                | ---        | PASS    |
| Band2 | 9400    | 4.1590                   | 4.687                | ---        | PASS    |
| Band2 | 9538    | 4.1501                   | 4.698                | ---        | PASS    |
| Band5 | 4132    | 4.1439                   | 4.673                | ---        | PASS    |
| Band5 | 4182    | 4.1515                   | 4.687                | ---        | PASS    |
| Band5 | 4233    | 4.1476                   | 4.680                | ---        | PASS    |

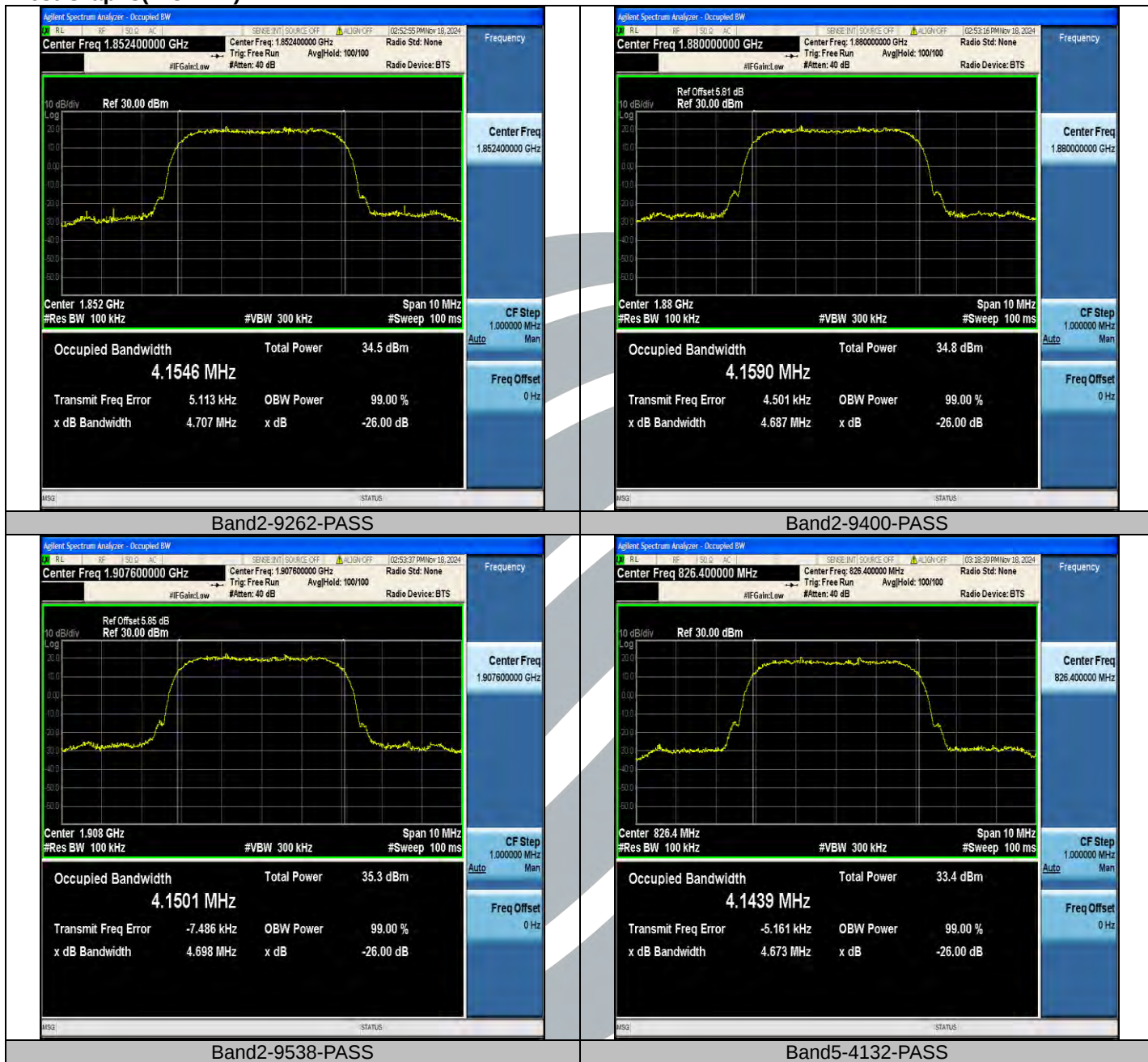
### Test Result(HSDPA)

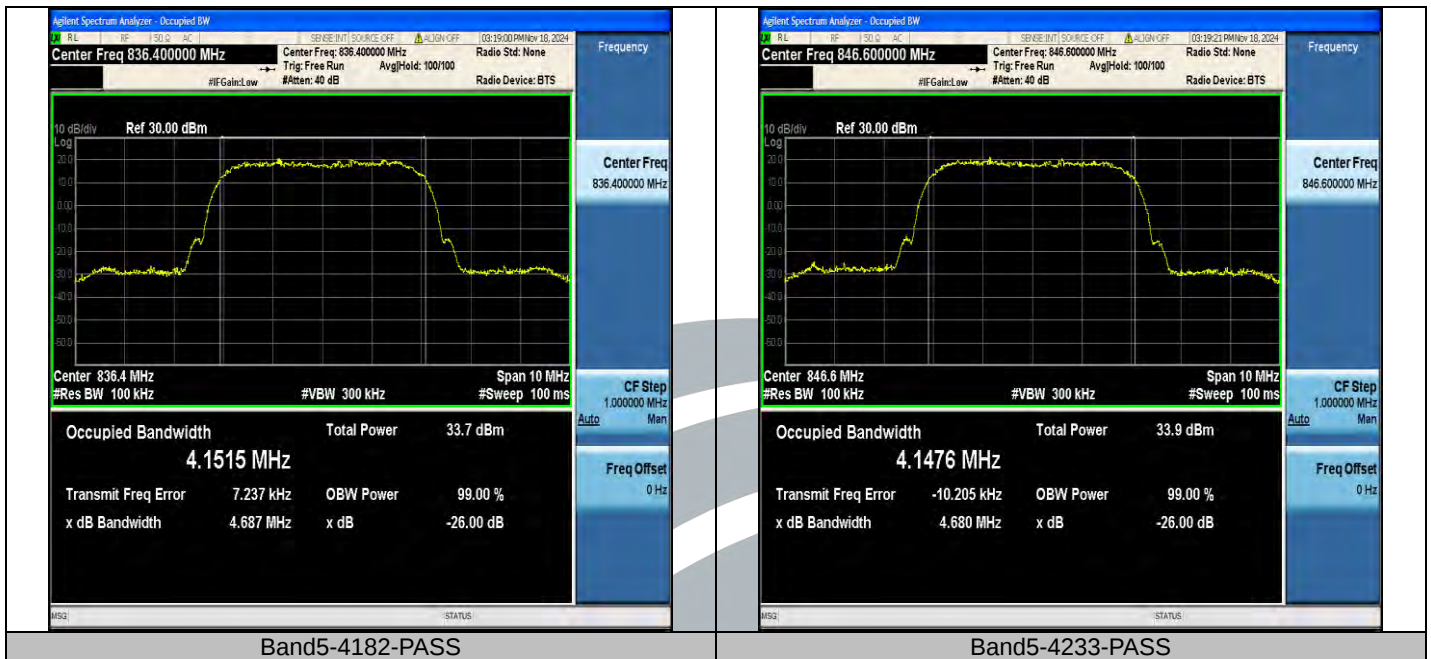
| Band  | Channel | Sub Test | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|----------|--------------------------|----------------------|------------|---------|
| Band2 | 9262    | 1        | 4.1568                   | 4.689                | ---        | PASS    |
| Band2 | 9400    | 1        | 4.1594                   | 4.702                | ---        | PASS    |
| Band2 | 9538    | 1        | 4.1539                   | 4.702                | ---        | PASS    |
| Band5 | 4132    | 1        | 4.1488                   | 4.687                | ---        | PASS    |
| Band5 | 4182    | 1        | 4.1643                   | 4.707                | ---        | PASS    |
| Band5 | 4233    | 1        | 4.1474                   | 4.683                | ---        | PASS    |

### Test Result(HSUPA)

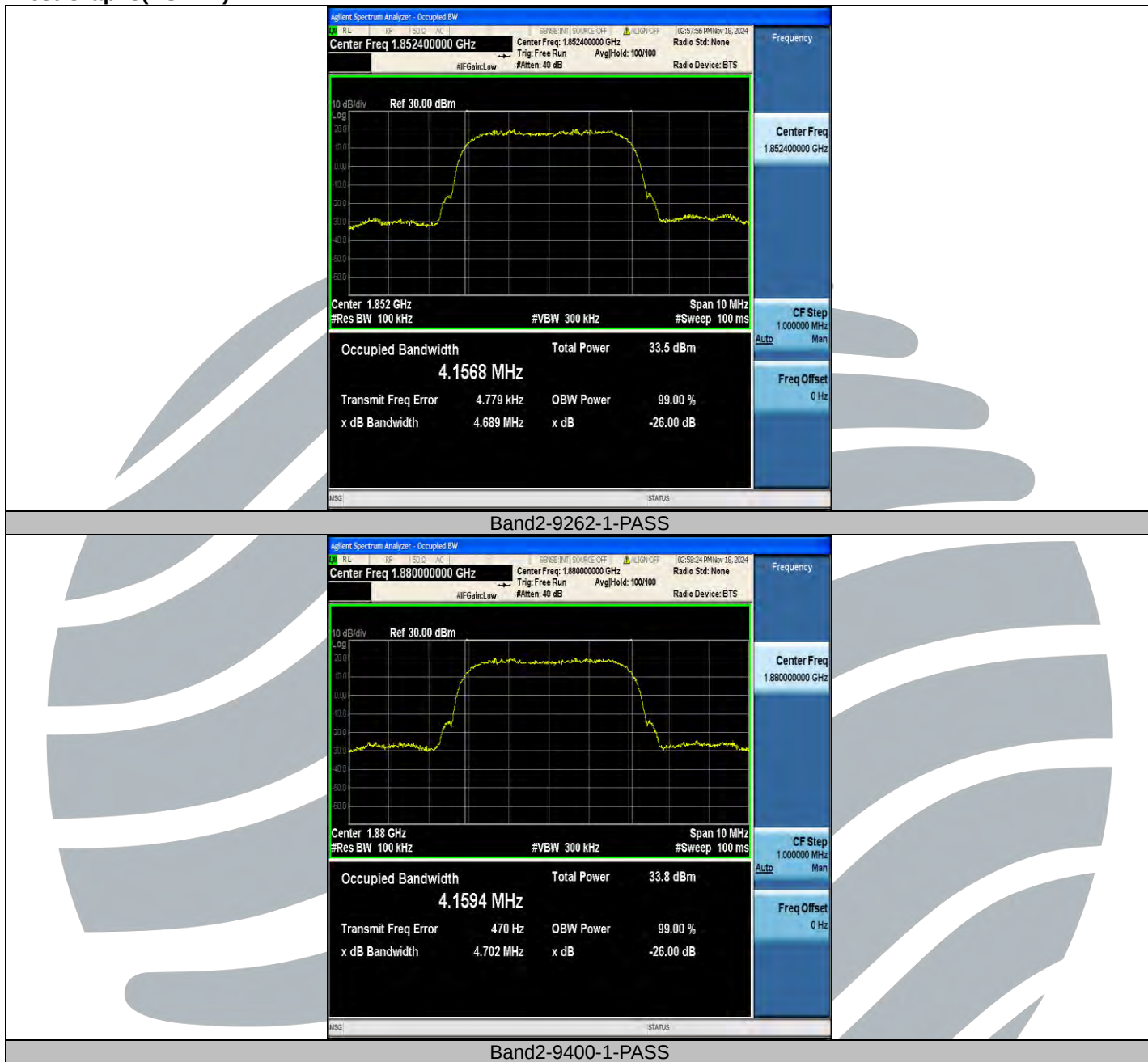
| Band  | Channel | Sub Test | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|----------|--------------------------|----------------------|------------|---------|
| Band2 | 9262    | 1        | 4.1837                   | 4.712                | ---        | PASS    |
| Band2 | 9400    | 1        | 4.1740                   | 4.703                | ---        | PASS    |
| Band2 | 9538    | 1        | 4.1809                   | 4.707                | ---        | PASS    |
| Band5 | 4132    | 1        | 4.1761                   | 4.704                | ---        | PASS    |
| Band5 | 4182    | 1        | 4.1808                   | 4.707                | ---        | PASS    |
| Band5 | 4233    | 1        | 4.1658                   | 4.698                | ---        | PASS    |

# Test Graphs(WCDMA)



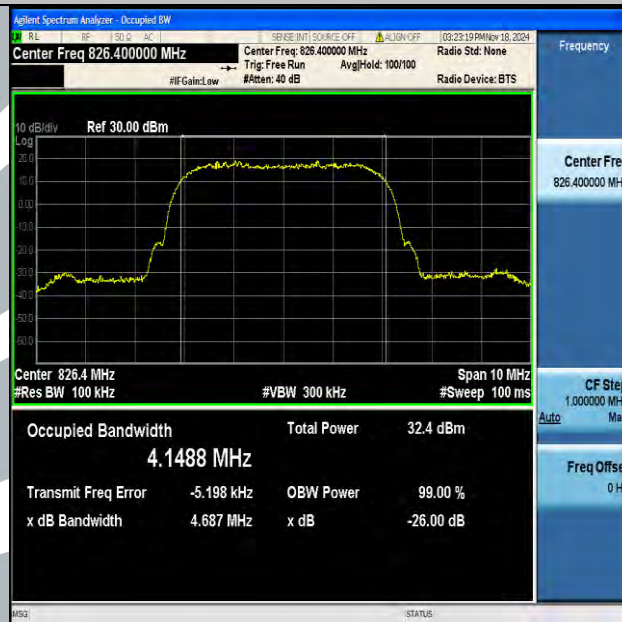


## Test Graphs(HSDPA)

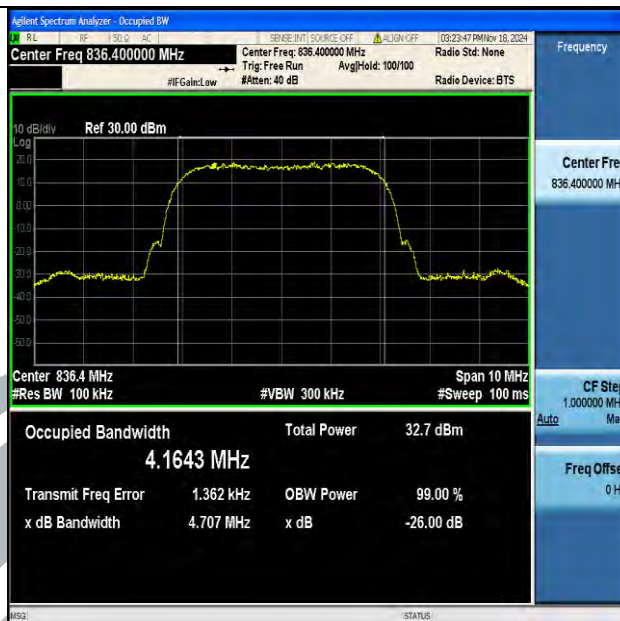




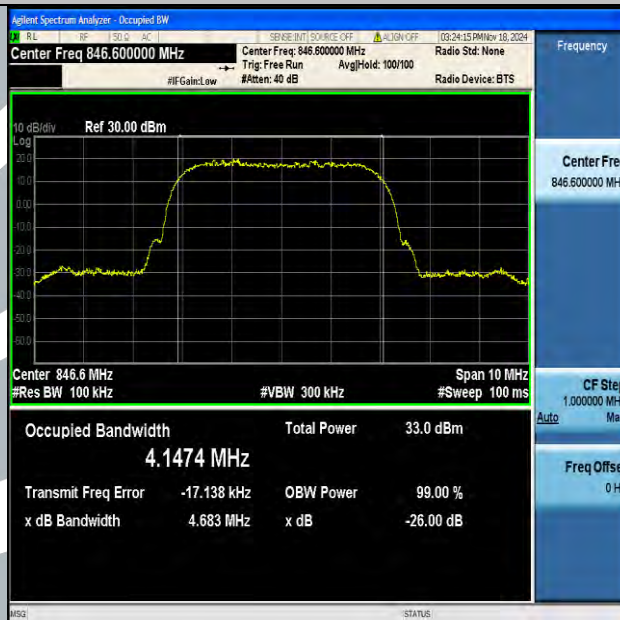
Band2-9538-1-PASS



Band5-4132-1-PASS

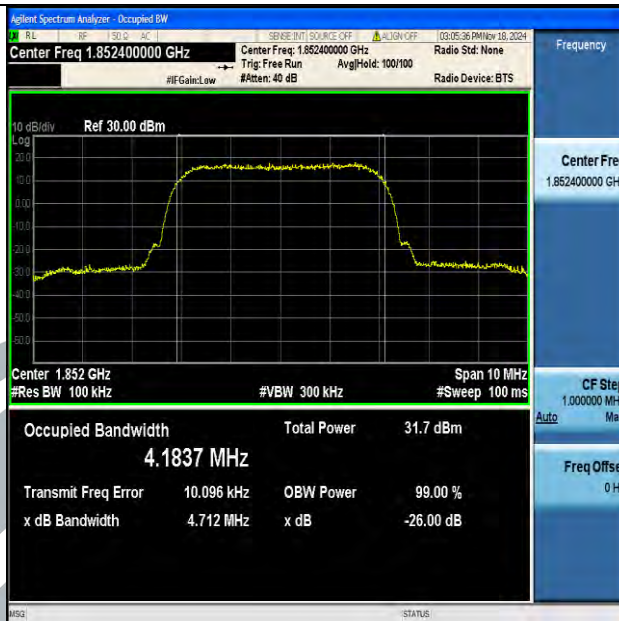


Band5-4182-1-PASS

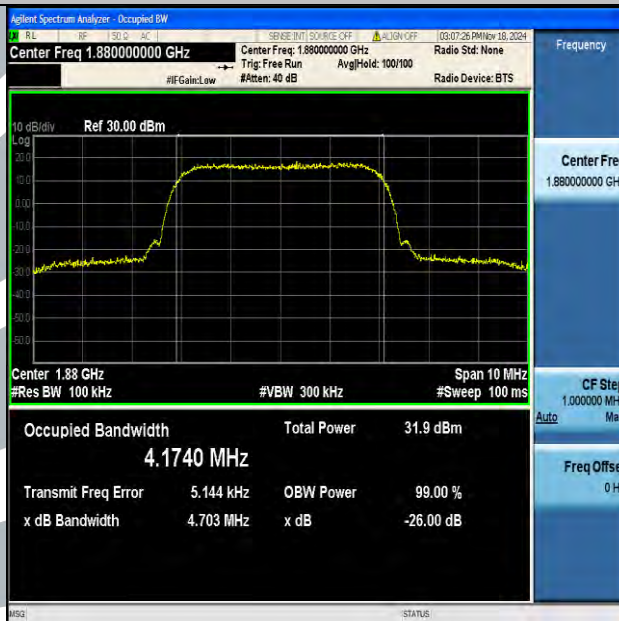


Band5-4233-1-PASS

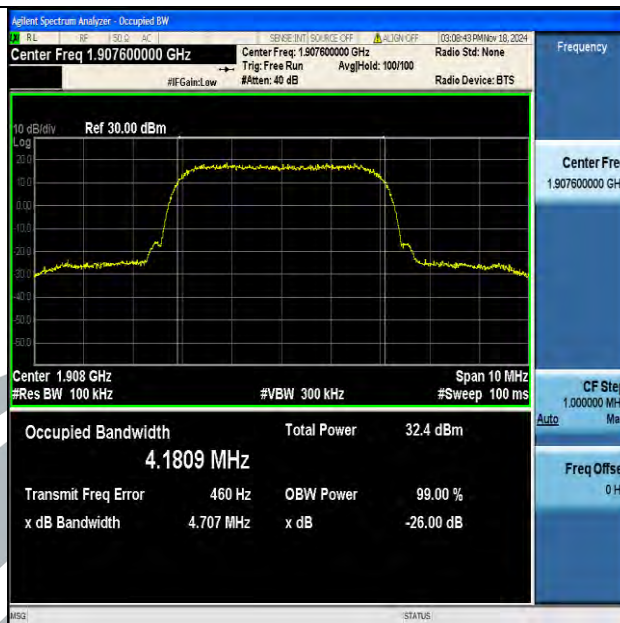
# Test Graphs(HSUPA)



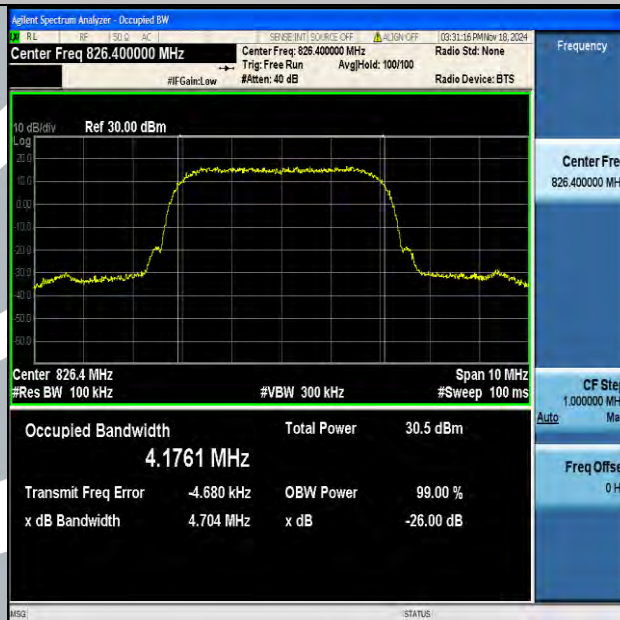
Band2-9262-1-PASS



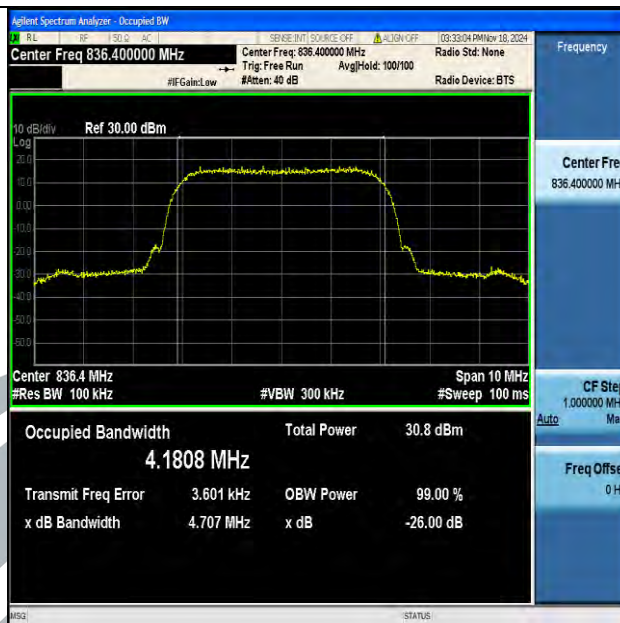
Band2-9400-1-PASS



Band2-9538-1-PASS



Band5-4132-1-PASS



Band5-4182-1-PASS



Band5-4233-1-PASS

## APPENDIX B3: BAND EDGE

## Test Result(WCDMA)

| Band  | Channel | Frequency (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 1849.86         | -27.70       | -13         | PASS    |
| Band2 | 9538    | 1910.12         | -26.60       | -13         | PASS    |
| Band5 | 4132    | 823.88          | -26.41       | -13         | PASS    |
| Band5 | 4233    | 849.12          | -25.89       | -13         | PASS    |

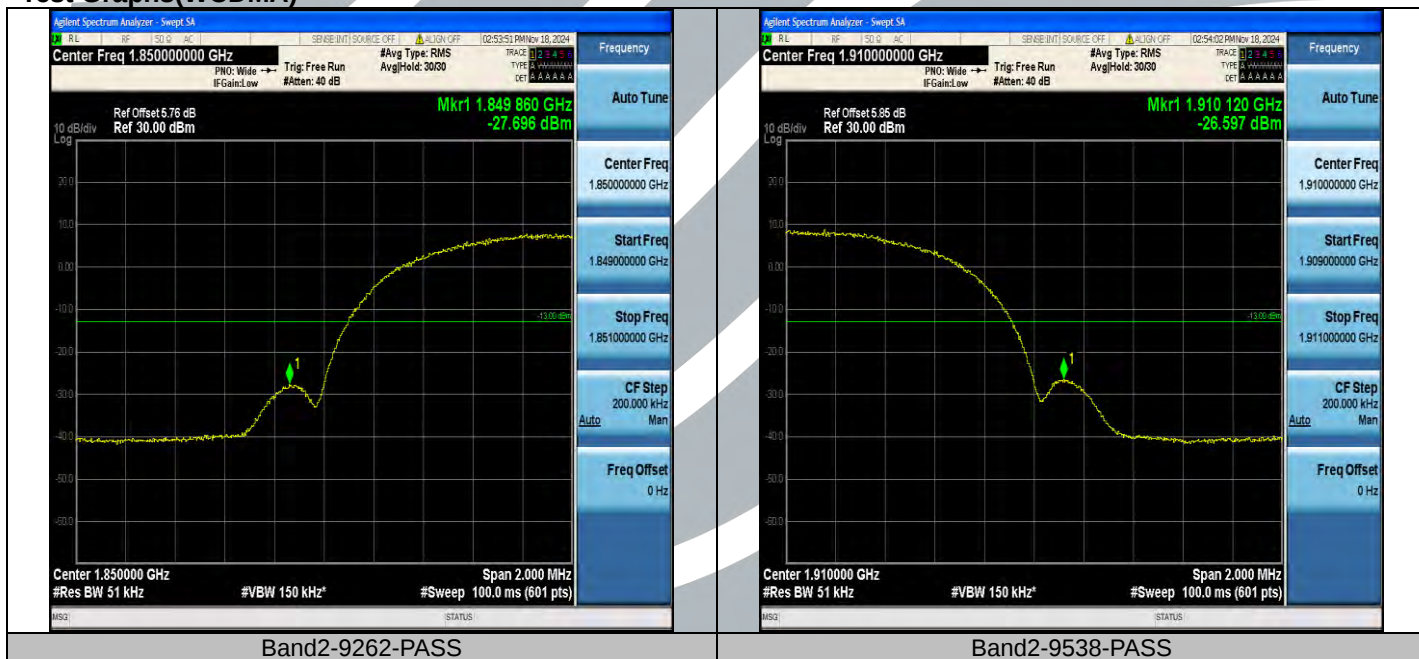
## Test Result(HSDPA)

| Band  | Channel | Sub Test | Frequency (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|----------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 1        | 1849.88         | -27.33       | -13         | PASS    |
| Band2 | 9538    | 1        | 1910.10         | -26.21       | -13         | PASS    |
| Band5 | 4132    | 1        | 823.87          | -27.44       | -13         | PASS    |
| Band5 | 4233    | 1        | 849.12          | -26.95       | -13         | PASS    |

## Test Result(HSUPA)

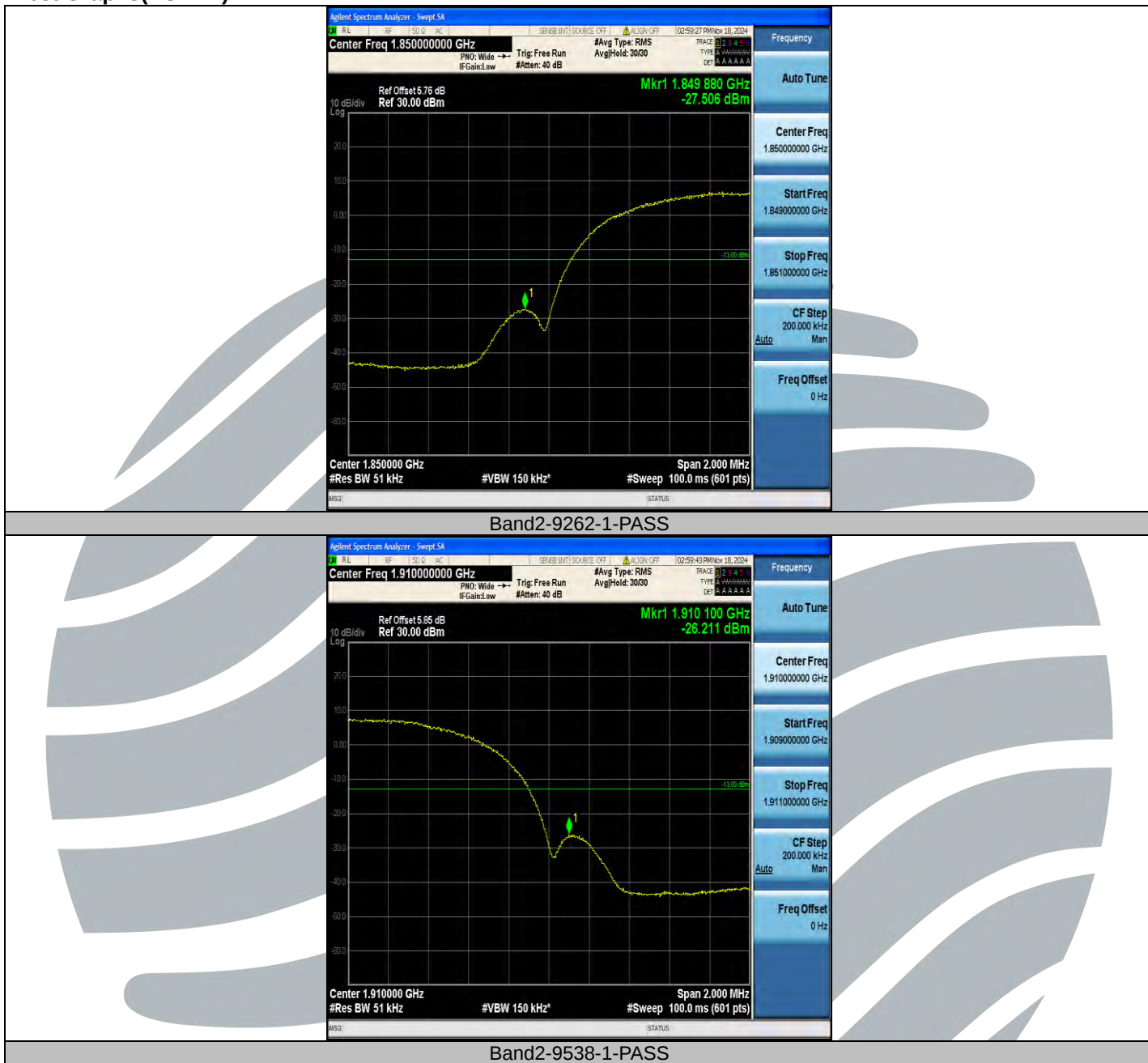
| Band  | Channel | Sub Test | Frequency (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|----------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 1        | 1849.88         | -28.97       | -13         | PASS    |
| Band2 | 9538    | 1        | 1910.12         | -27.53       | -13         | PASS    |
| Band5 | 4132    | 1        | 823.88          | -30.28       | -13         | PASS    |
| Band5 | 4233    | 1        | 849.13          | -30.01       | -13         | PASS    |

## Test Graphs(WCDMA)





# Test Graphs(HSDPA)



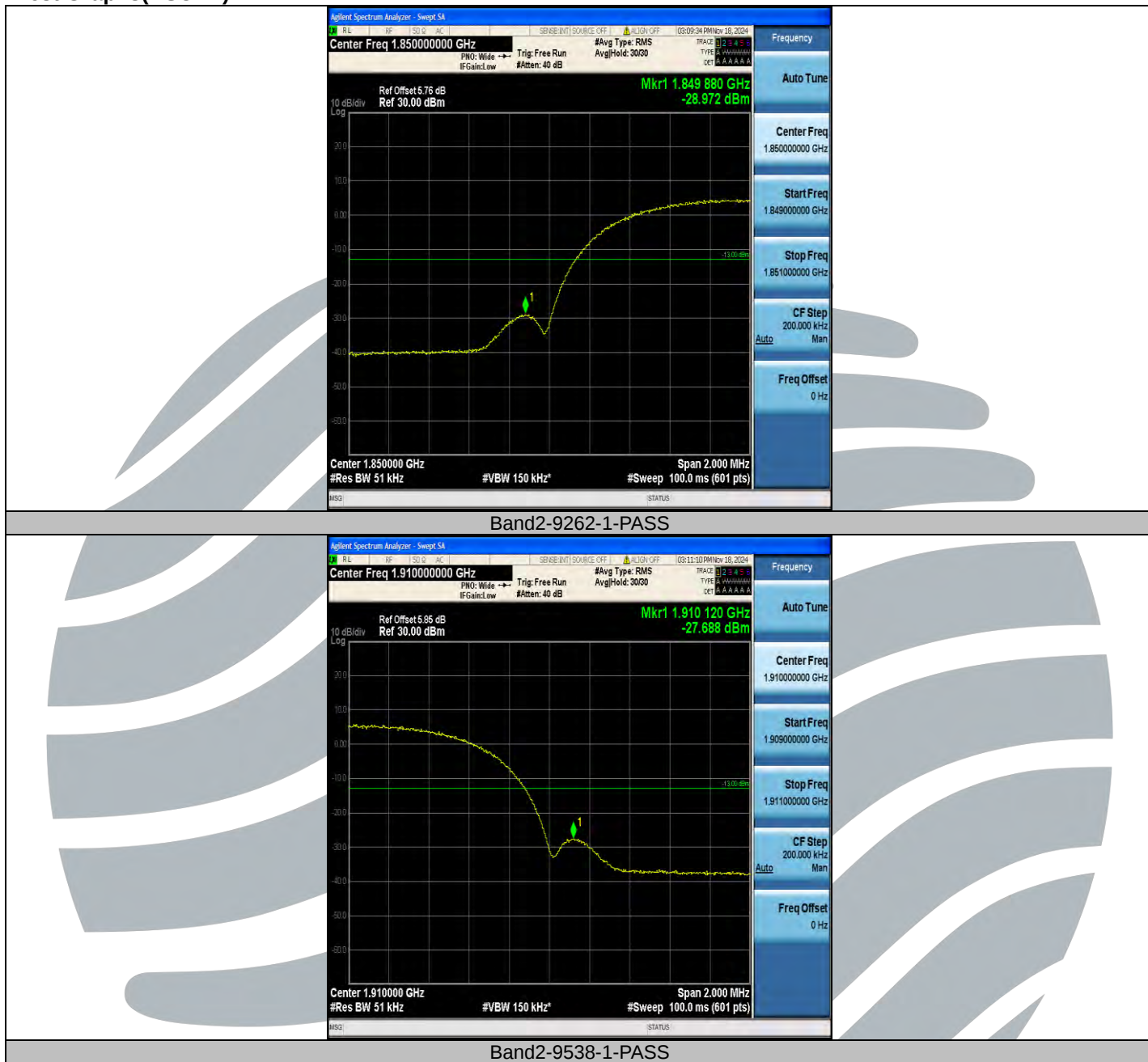


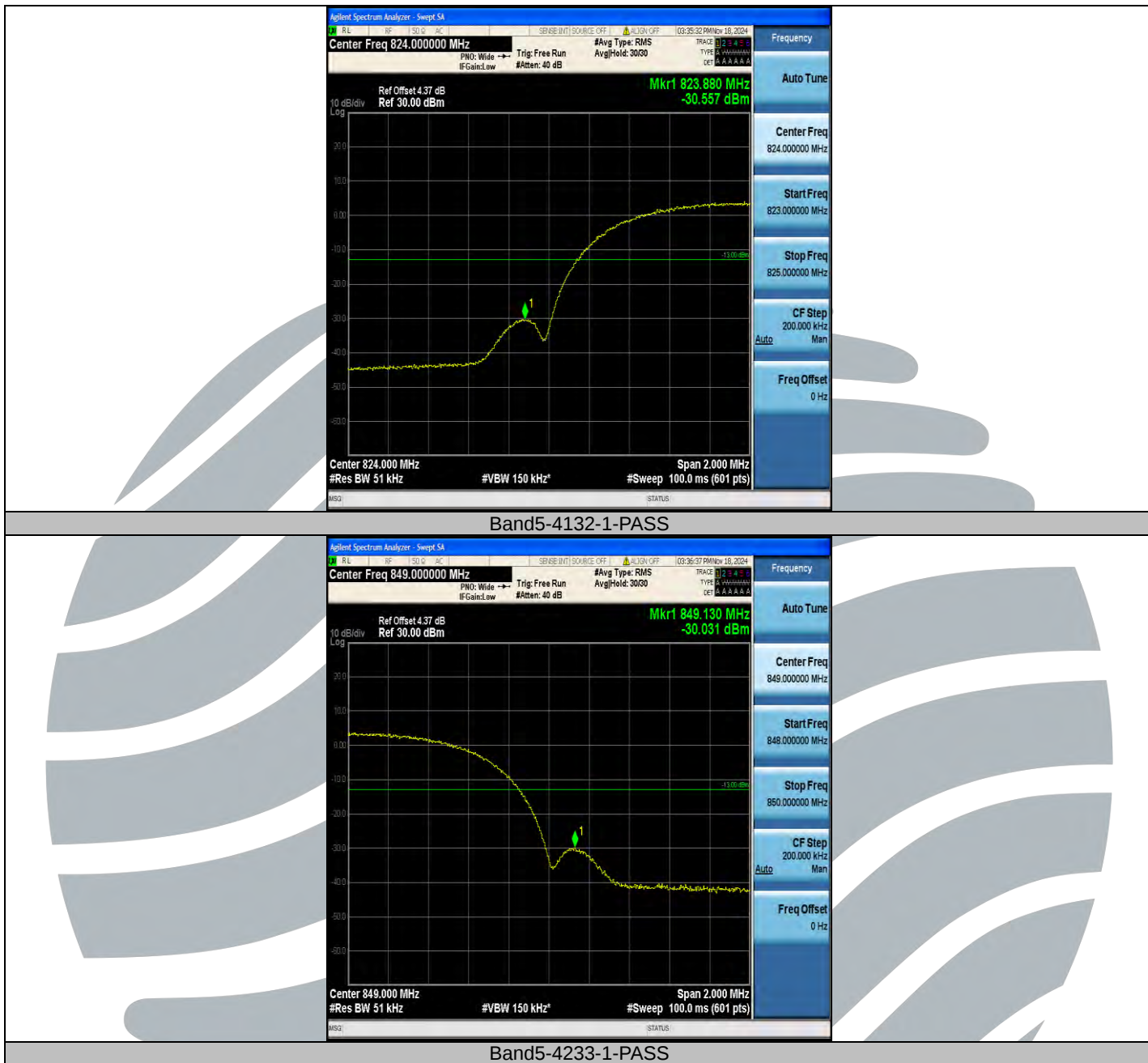
Band5-4132-1-PASS



Band5-4233-1-PASS

## Test Graphs(HSUPA)





## APPENDIX B4: CONDUCTED SPURIOUS EMISSION

### Test Result(WCDMA)

| Band  | Channel | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 30~1000MHz            | 709.49          | -45.92       | -13         | PASS    |
| Band2 | 9262    | 1000~20000MHz         | 18829.6         | -32.91       | -13         | PASS    |
| Band2 | 9400    | 30~1000MHz            | 857.41          | -45.47       | -13         | PASS    |
| Band2 | 9400    | 1000~20000MHz         | 18938.38        | -33.06       | -13         | PASS    |
| Band2 | 9538    | 30~1000MHz            | 952.47          | -45.86       | -13         | PASS    |
| Band2 | 9538    | 1000~20000MHz         | 16289.3         | -33.28       | -13         | PASS    |
| Band5 | 4132    | 30~1000MHz            | 453.41          | -51.14       | -13         | PASS    |
| Band5 | 4132    | 1000~10000MHz         | 3309.4          | -34.79       | -13         | PASS    |
| Band5 | 4182    | 30~1000MHz            | 954.9           | -50.36       | -13         | PASS    |
| Band5 | 4182    | 1000~10000MHz         | 3341.8          | -35.08       | -13         | PASS    |
| Band5 | 4233    | 30~1000MHz            | 955.38          | -51.42       | -13         | PASS    |
| Band5 | 4233    | 1000~10000MHz         | 3382.75         | -36.96       | -13         | PASS    |

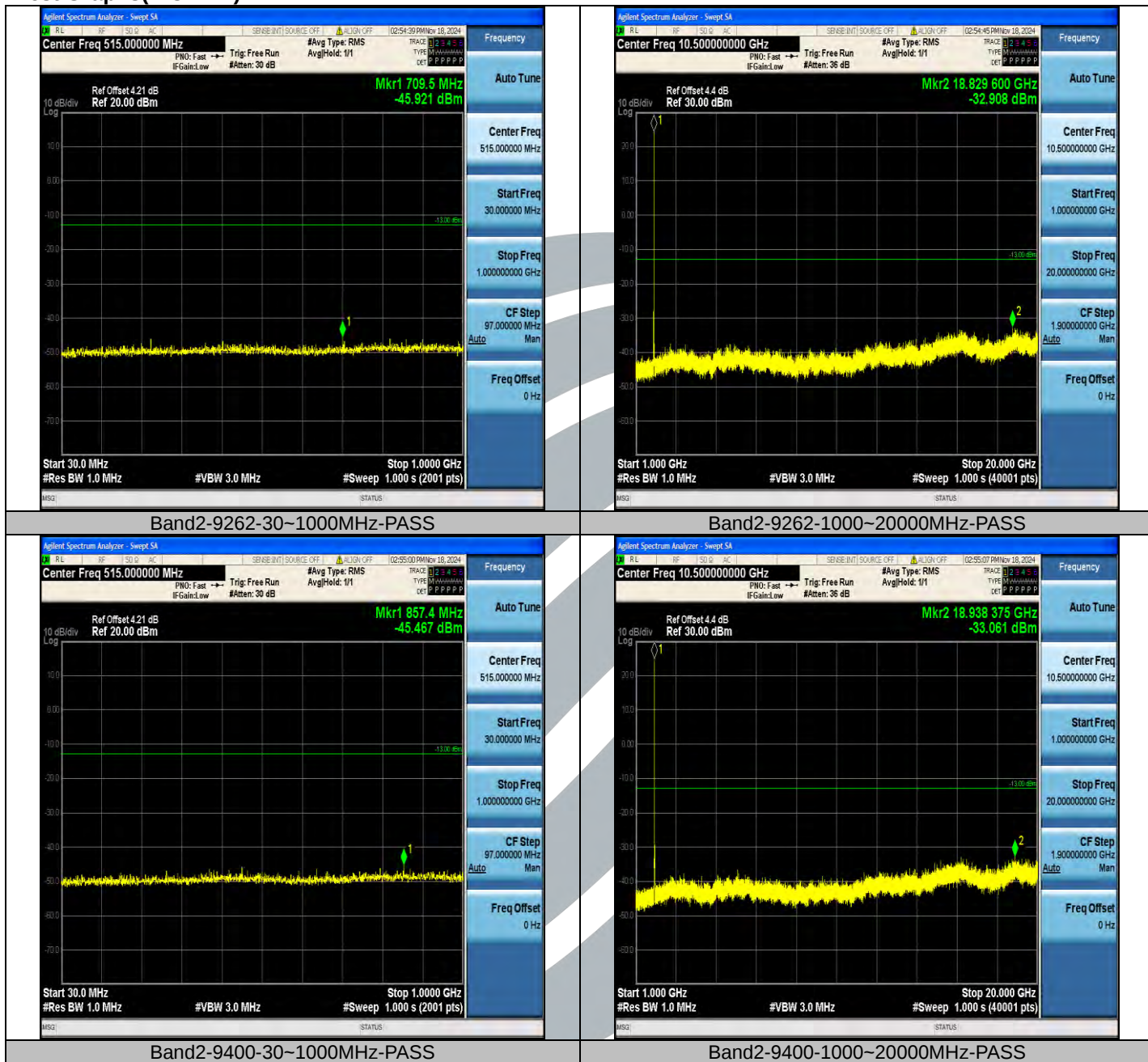
### Test Result(HSDPA)

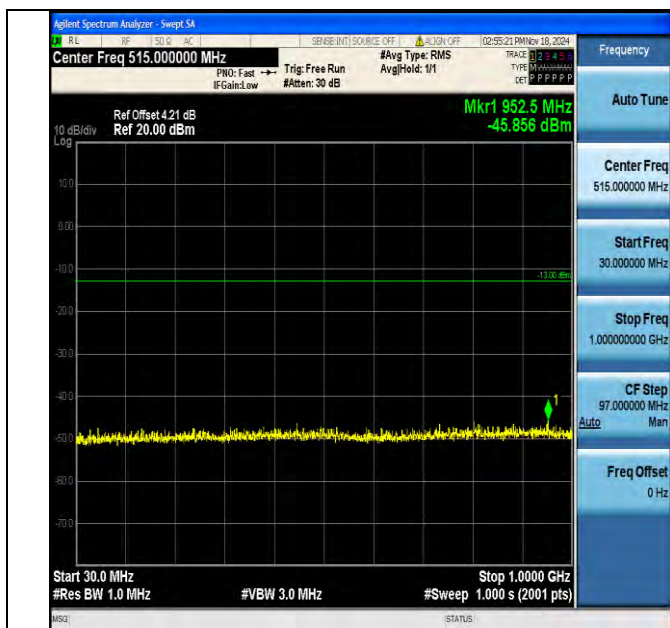
| Band  | Channel | Sub Test | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|----------|-----------------------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 1        | 30~1000MHz            | 896.7           | -45.94       | -13         | PASS    |
| Band2 | 9262    | 1        | 1000~20000MHz         | 19012.95        | -32.61       | -13         | PASS    |
| Band2 | 9400    | 1        | 30~1000MHz            | 780.78          | -46.43       | -13         | PASS    |
| Band2 | 9400    | 1        | 1000~20000MHz         | 19068.05        | -31.42       | -13         | PASS    |
| Band2 | 9538    | 1        | 30~1000MHz            | 827.83          | -46.45       | -13         | PASS    |
| Band2 | 9538    | 1        | 1000~20000MHz         | 19041.93        | -32.43       | -13         | PASS    |
| Band5 | 4132    | 1        | 30~1000MHz            | 190.05          | -51.62       | -13         | PASS    |
| Band5 | 4132    | 1        | 1000~10000MHz         | 3309.4          | -34.32       | -13         | PASS    |
| Band5 | 4182    | 1        | 30~1000MHz            | 954.9           | -50.99       | -13         | PASS    |
| Band5 | 4182    | 1        | 1000~10000MHz         | 3341.8          | -35.99       | -13         | PASS    |
| Band5 | 4233    | 1        | 30~1000MHz            | 729.37          | -50.75       | -13         | PASS    |
| Band5 | 4233    | 1        | 1000~10000MHz         | 3382.3          | -36.64       | -13         | PASS    |

### Test Result(HSUPA)

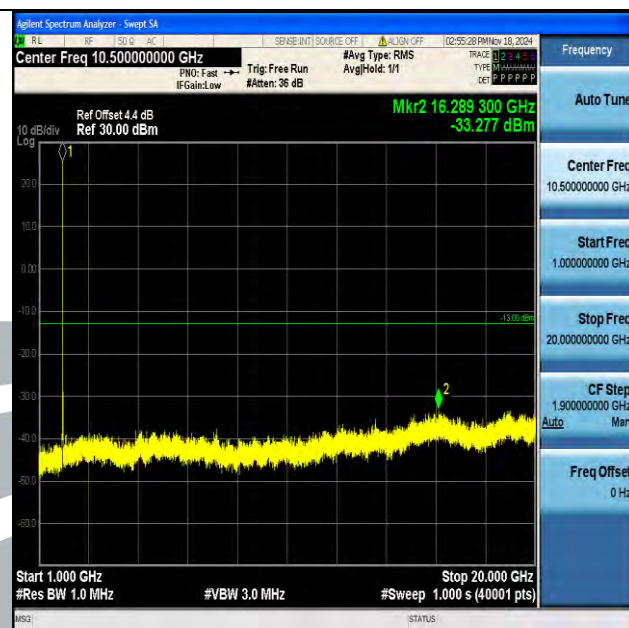
| Band  | Channel | Sub Test | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|----------|-----------------------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 1        | 30~1000MHz            | 990.3           | -46.13       | -13         | PASS    |
| Band2 | 9262    | 1        | 1000~20000MHz         | 16307.35        | -32.61       | -13         | PASS    |
| Band2 | 9400    | 1        | 30~1000MHz            | 799.21          | -45.58       | -13         | PASS    |
| Band2 | 9400    | 1        | 1000~20000MHz         | 19012           | -33.38       | -13         | PASS    |
| Band2 | 9538    | 1        | 30~1000MHz            | 975.27          | -45.88       | -13         | PASS    |
| Band2 | 9538    | 1        | 1000~20000MHz         | 16168.18        | -33.03       | -13         | PASS    |
| Band5 | 4132    | 1        | 30~1000MHz            | 545.07          | -51.77       | -13         | PASS    |
| Band5 | 4132    | 1        | 1000~10000MHz         | 3302.2          | -37.02       | -13         | PASS    |
| Band5 | 4182    | 1        | 30~1000MHz            | 959.75          | -51.57       | -13         | PASS    |
| Band5 | 4182    | 1        | 1000~10000MHz         | 3349.9          | -36.8        | -13         | PASS    |
| Band5 | 4233    | 1        | 30~1000MHz            | 367.08          | -50.69       | -13         | PASS    |
| Band5 | 4233    | 1        | 1000~10000MHz         | 5931.55         | -37.33       | -13         | PASS    |

# Test Graphs(WCDMA)

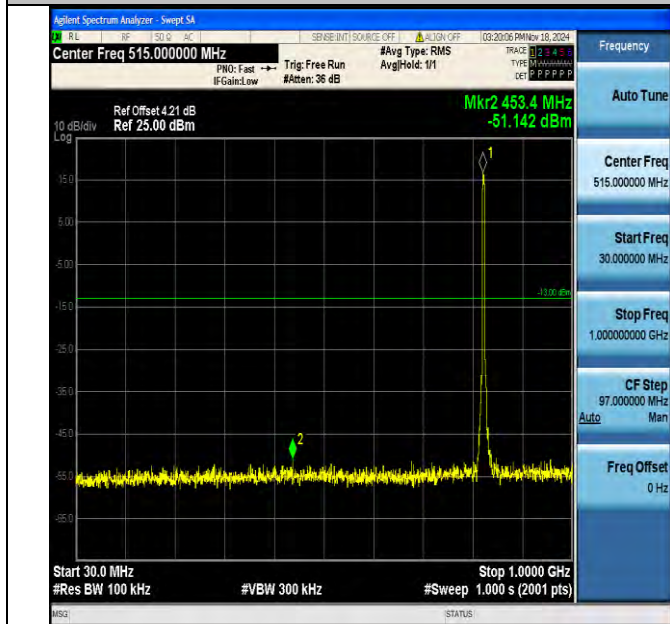




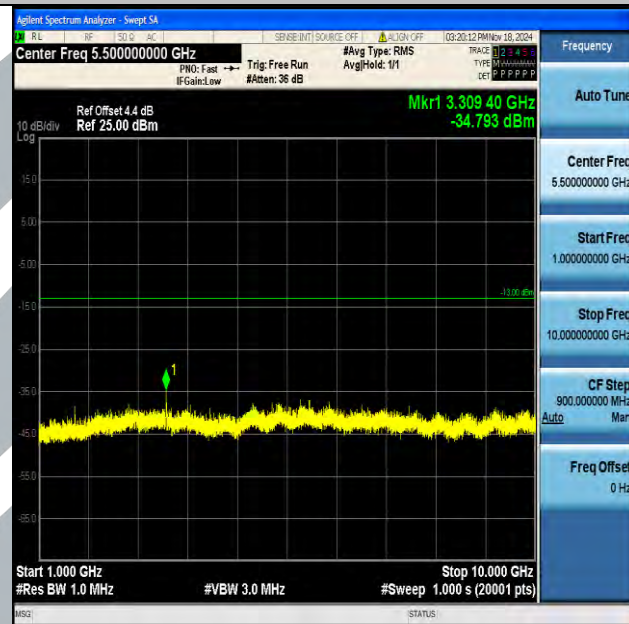
Band2-9538-30~1000MHz-PASS



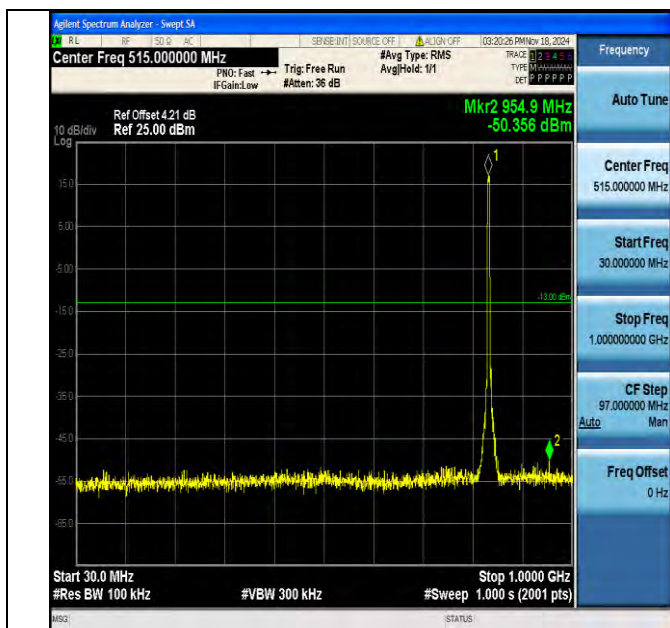
Band2-9538-1000~20000MHz-PASS



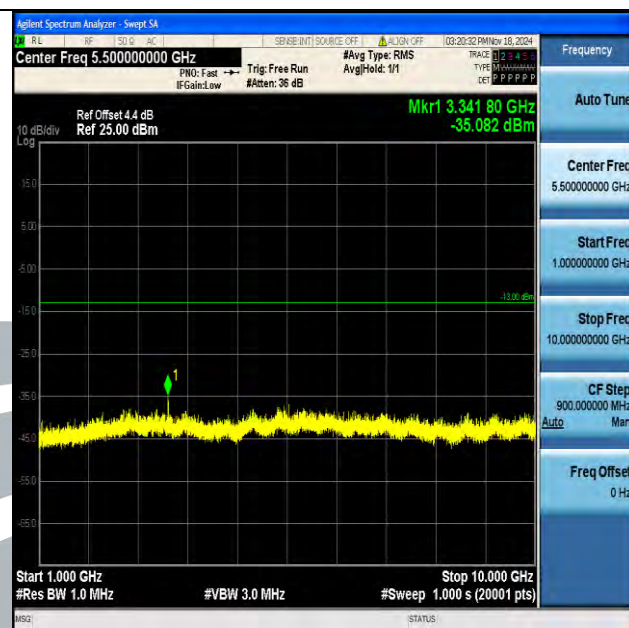
Band5-4132-30~1000MHz-PASS



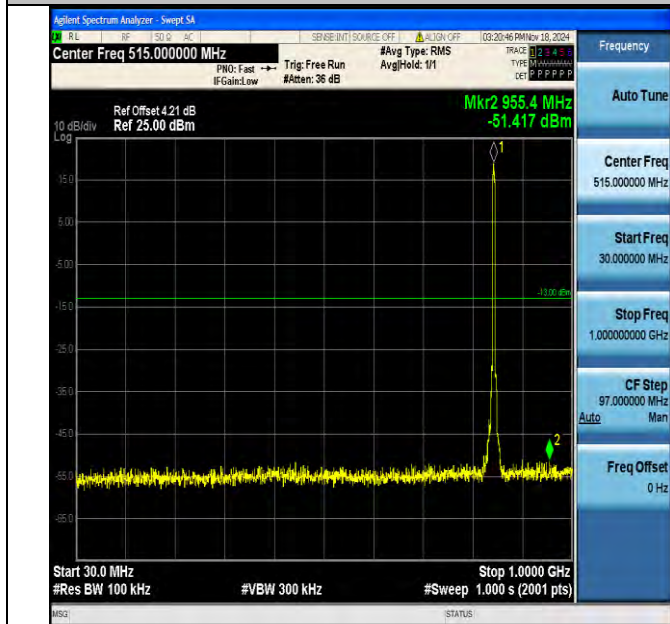
Band5-4132-1000~10000MHz-PASS



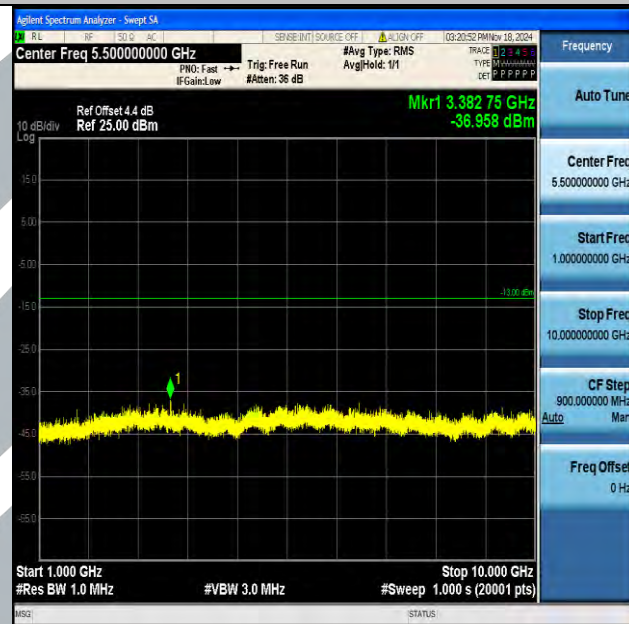
Band5-4182-30-1000MHz-PASS



Band5-4182-1000-10000MHz-PASS

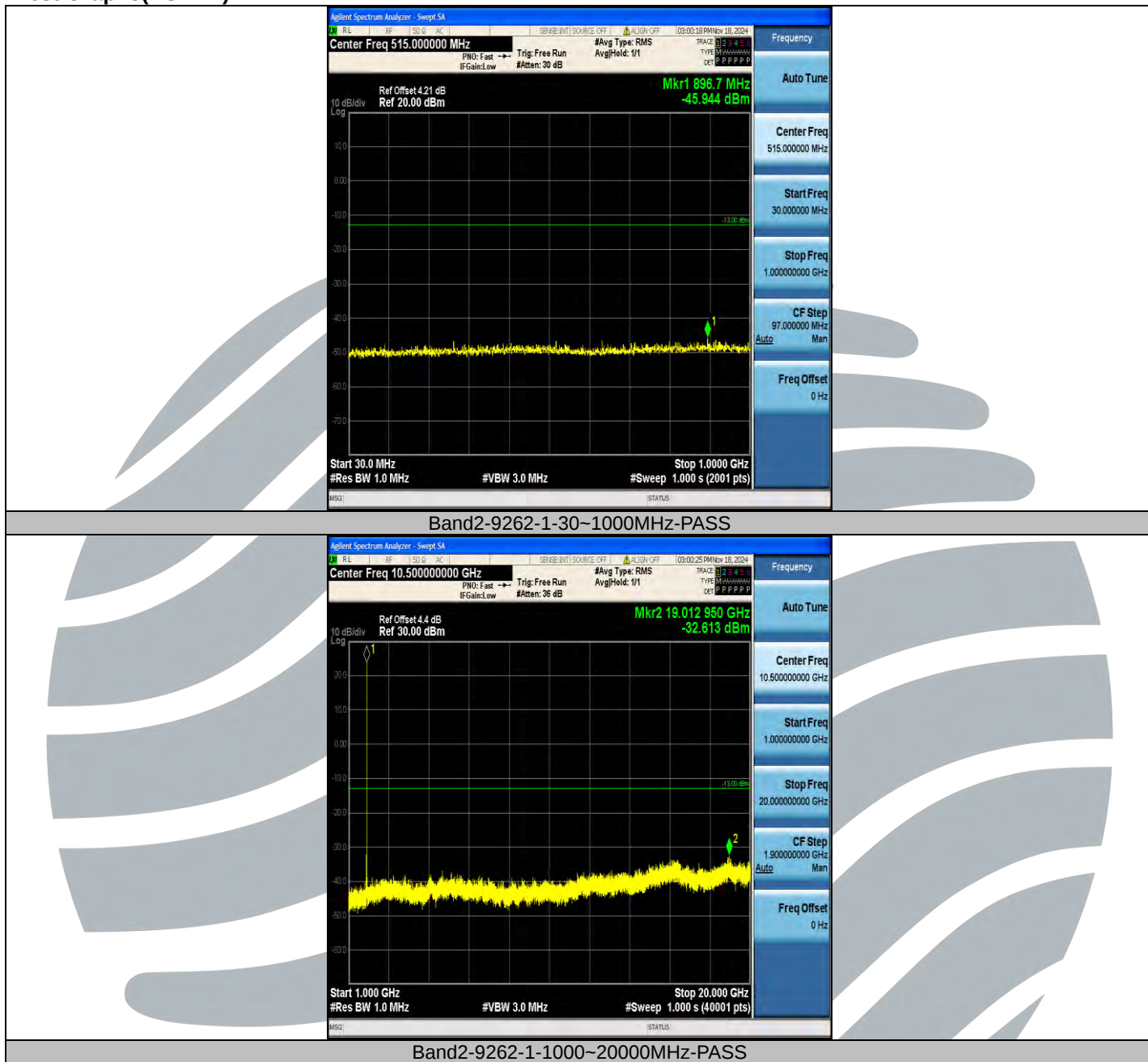


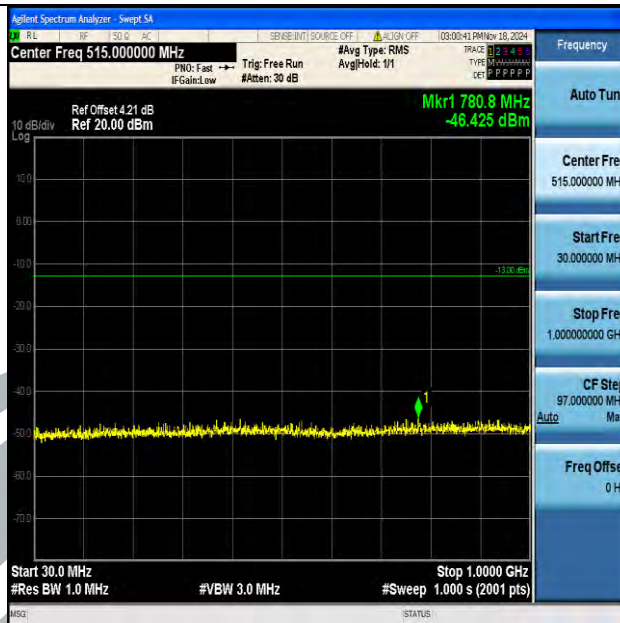
Band5-4233-30-1000MHz-PASS



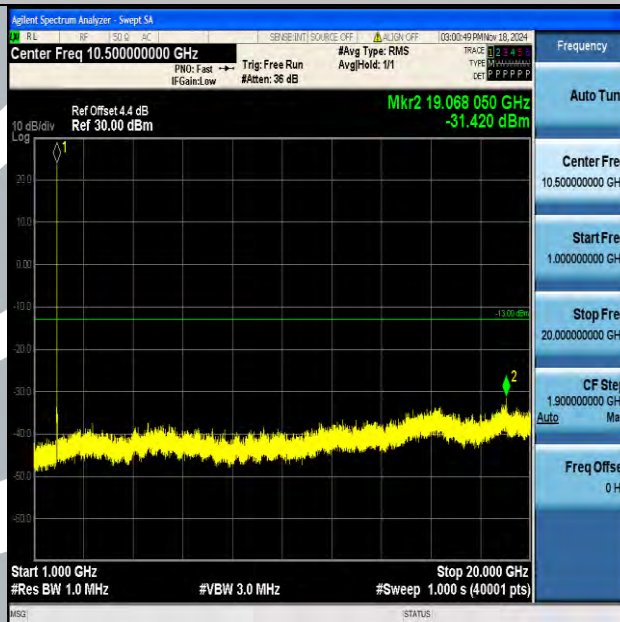
Band5-4233-1000-10000MHz-PASS

# Test Graphs(HSDPA)

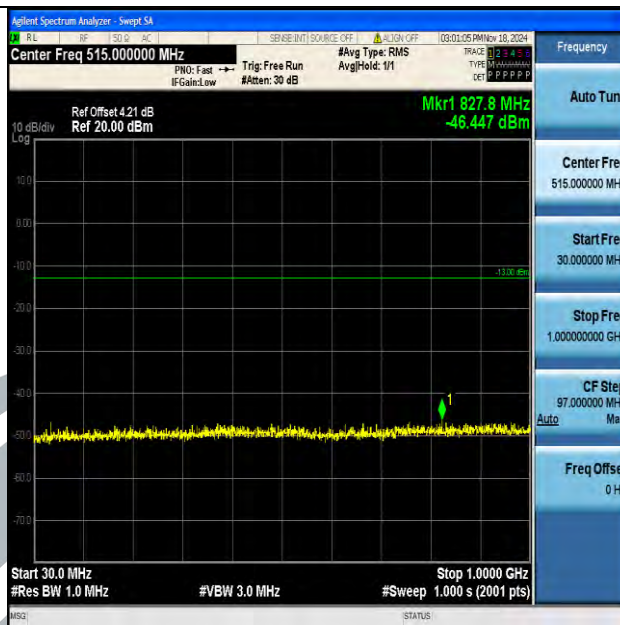




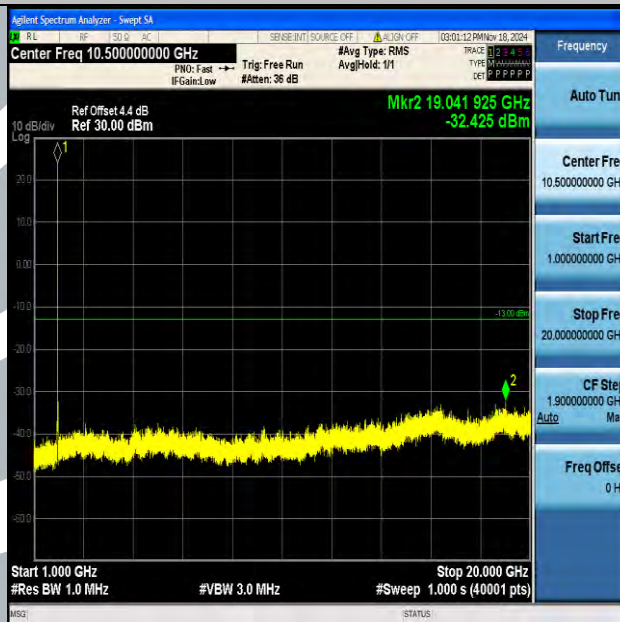
Band2-9400-1-30~1000MHz-PASS



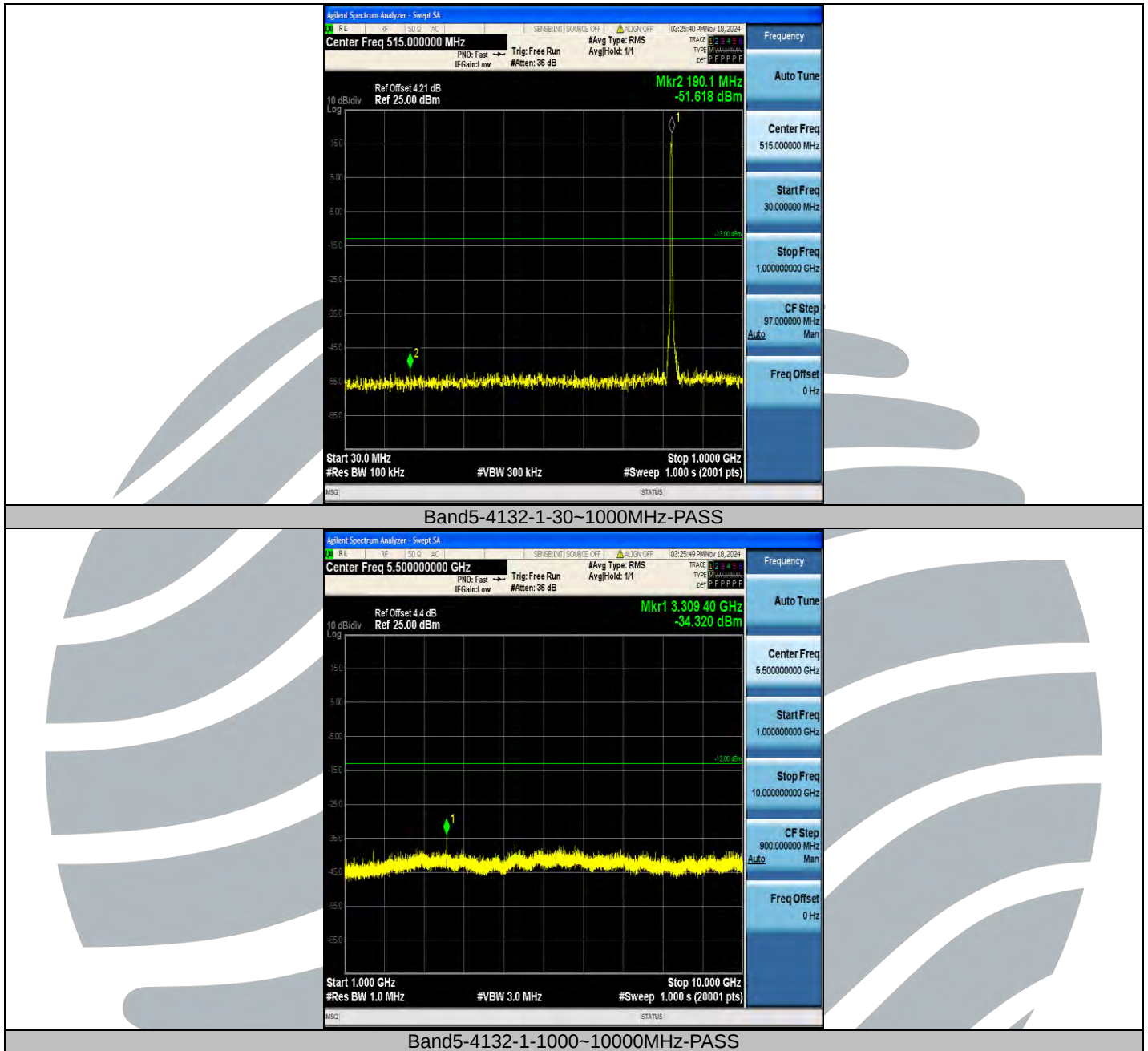
Band2-9400-1-1000~20000MHz-PASS

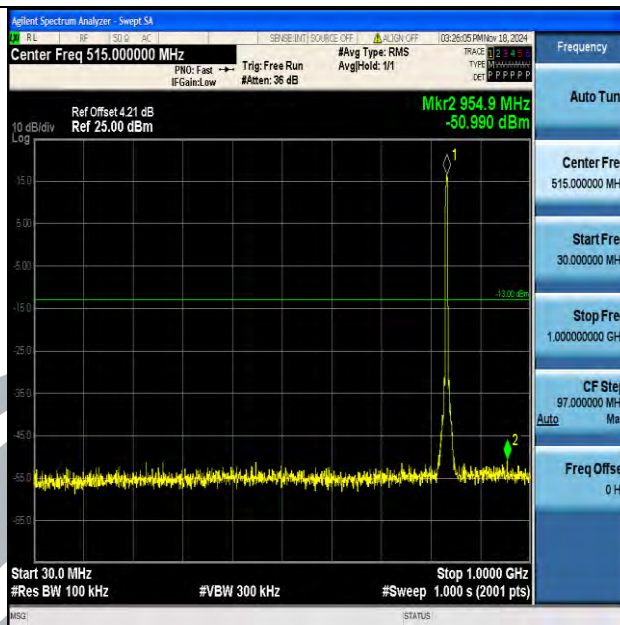


Band2-9538-1-30~1000MHz-PASS

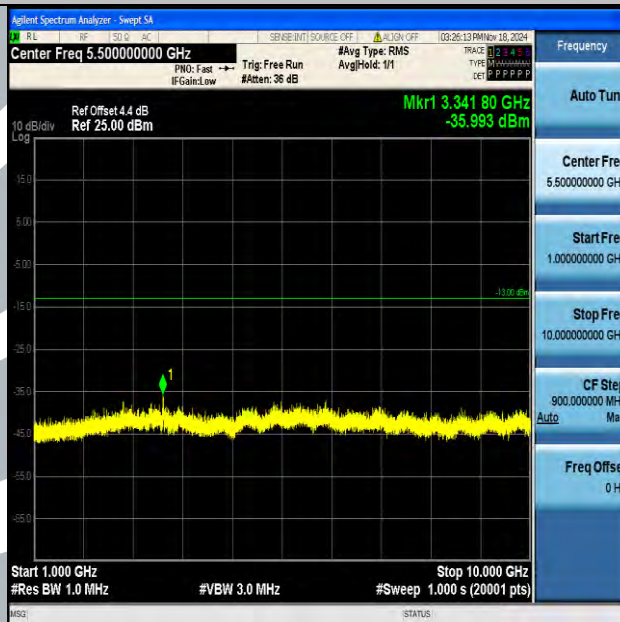


Band2-9538-1-1000~20000MHz-PASS

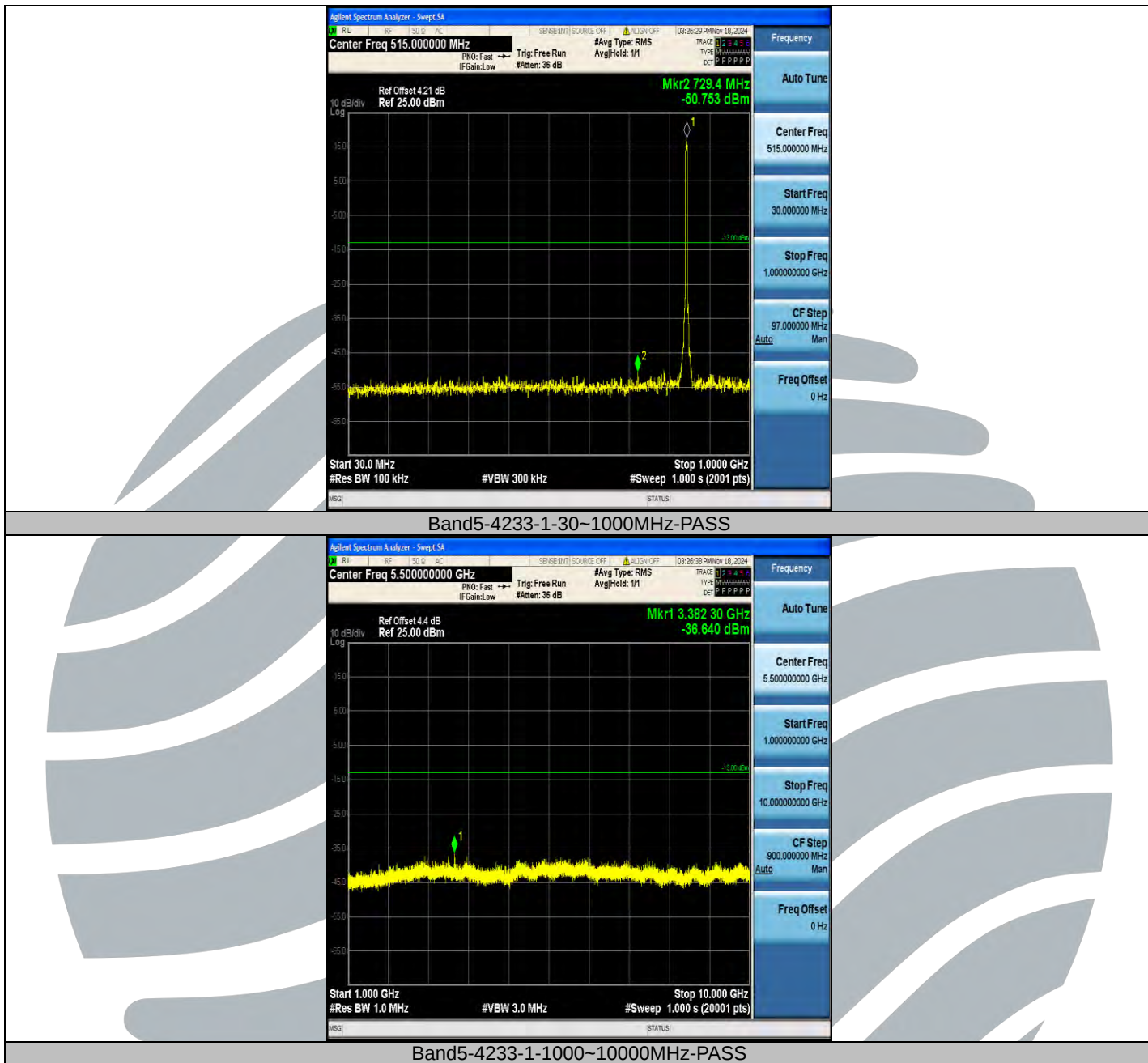




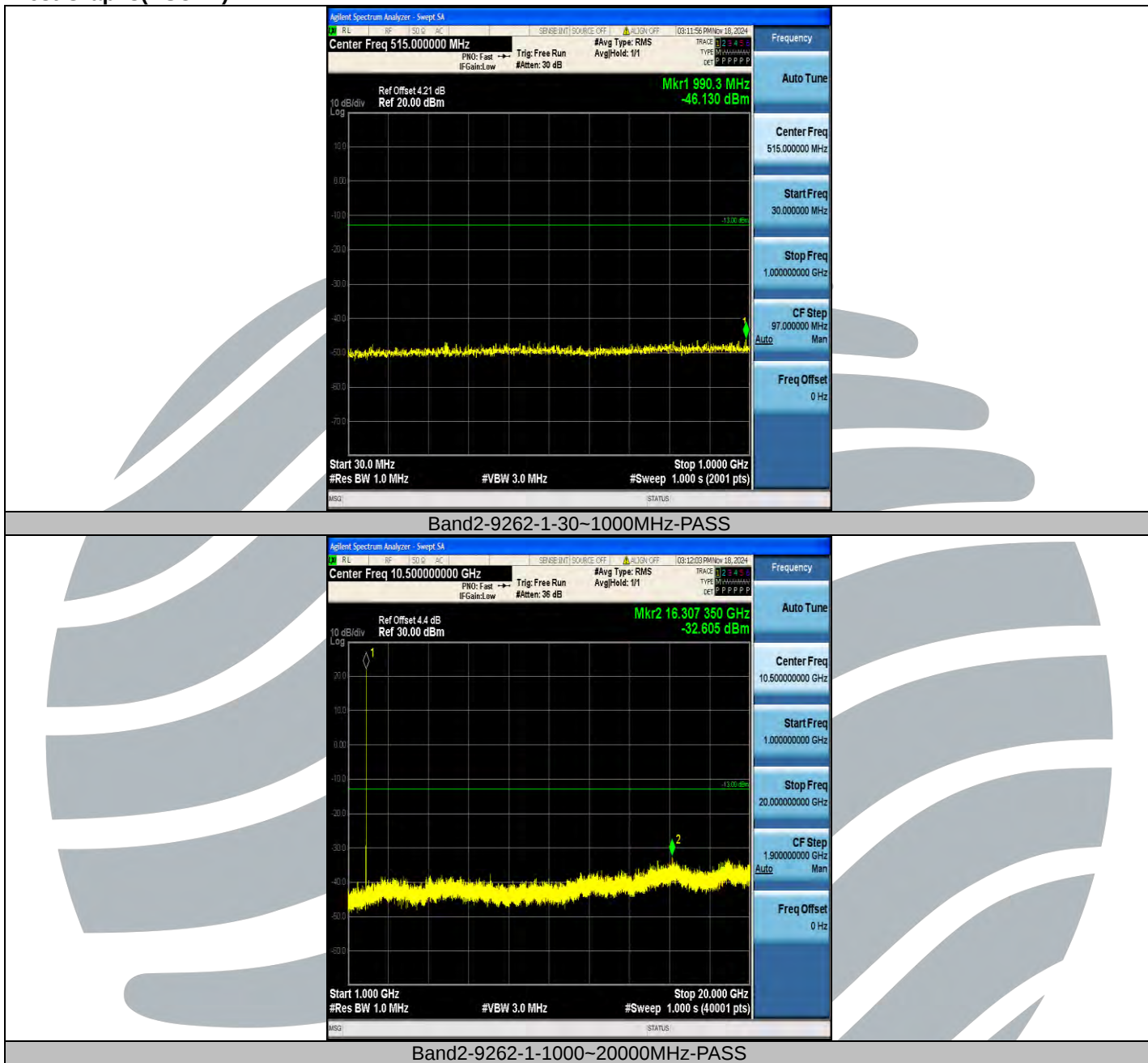
Band5-4182-1-30~1000MHz-PASS

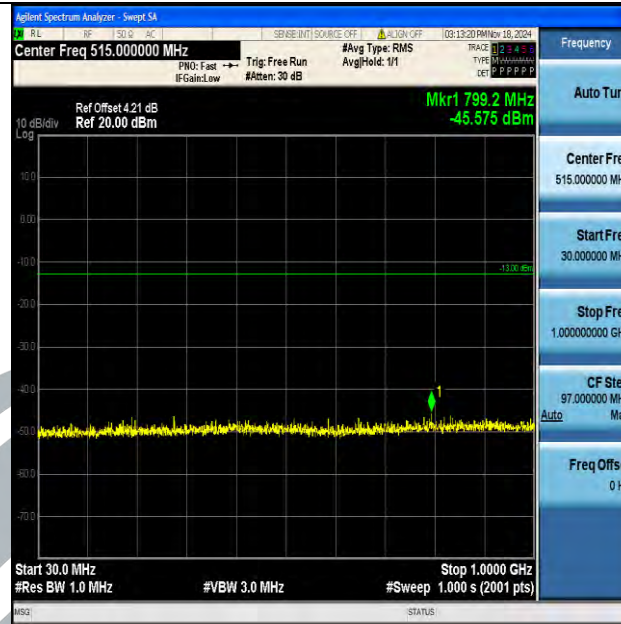


Band5-4182-1-1000~10000MHz-PASS

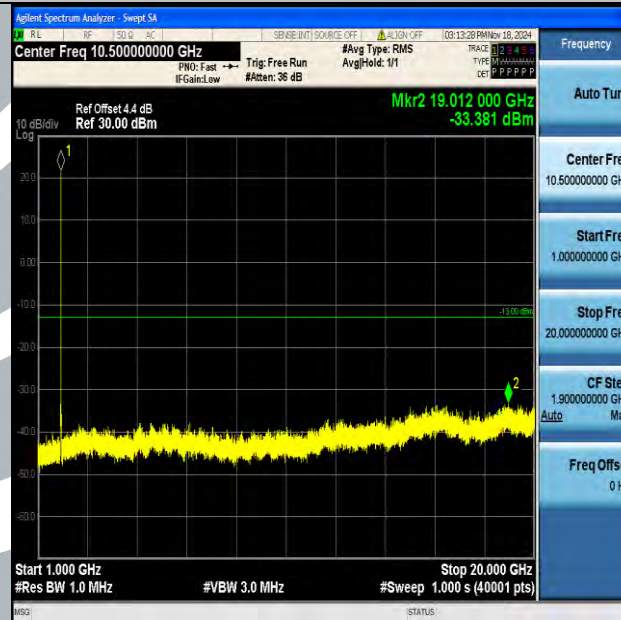


# Test Graphs(HSUPA)

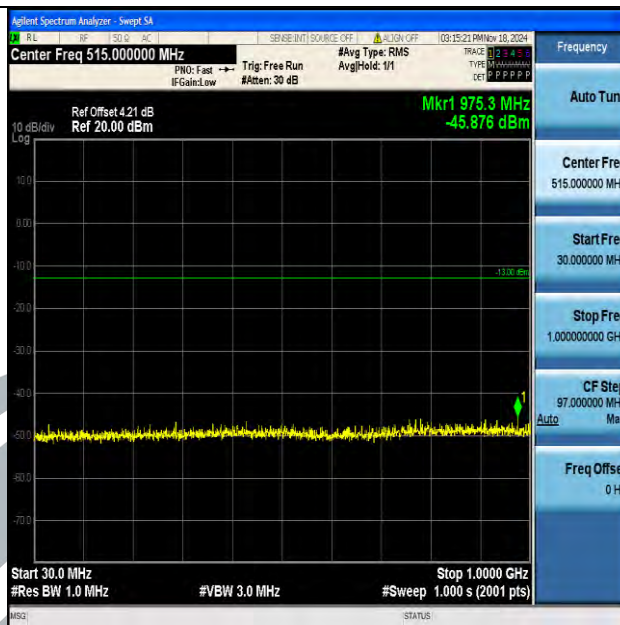




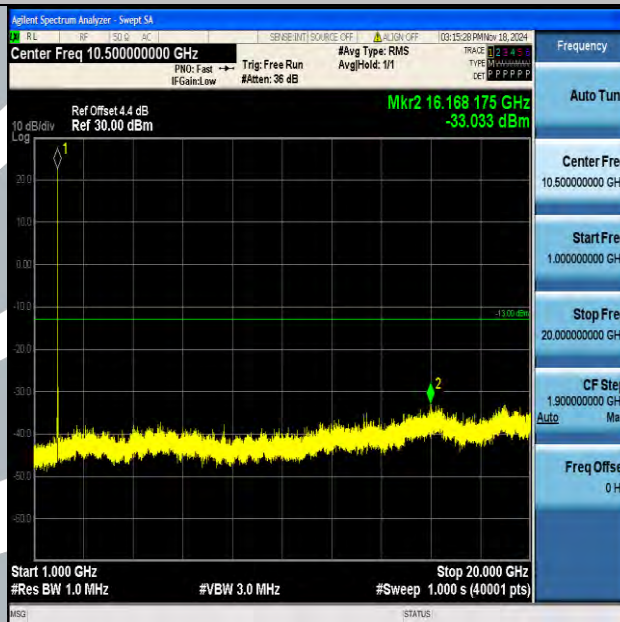
Band2-9400-1-30~1000MHz-PASS



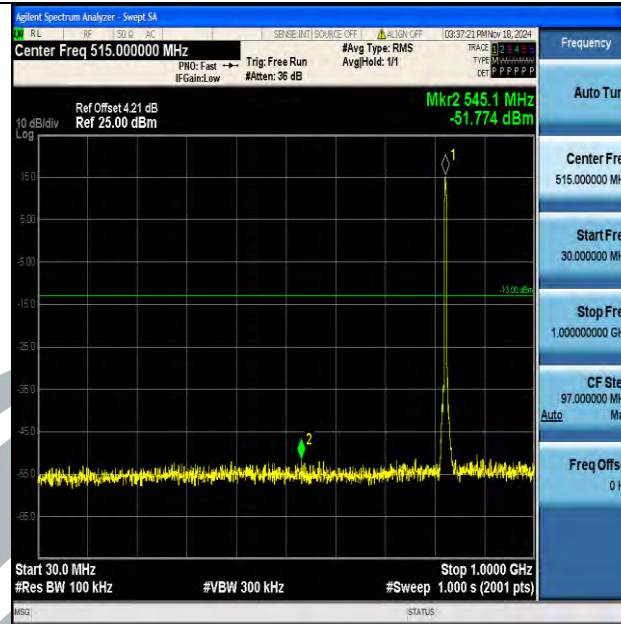
Band2-9400-1-1000~20000MHz-PASS



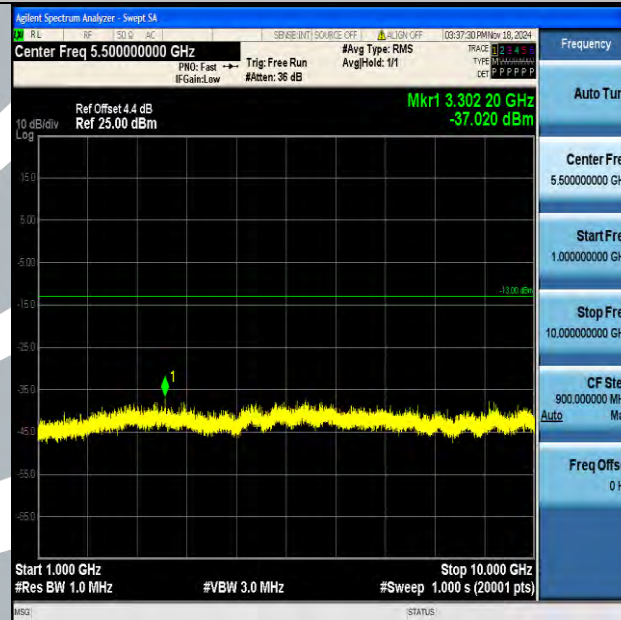
Band2-9538-1-30~1000MHz-PASS



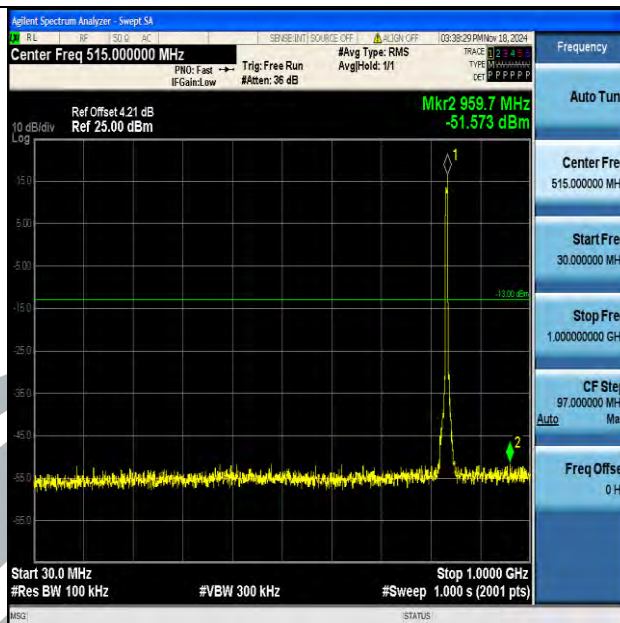
Band2-9538-1-1000~20000MHz-PASS



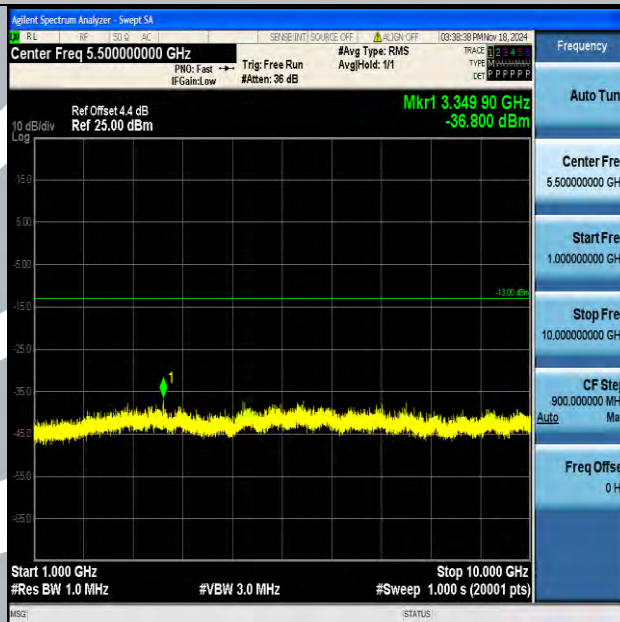
Band5-4132-1-30~1000MHz-PASS



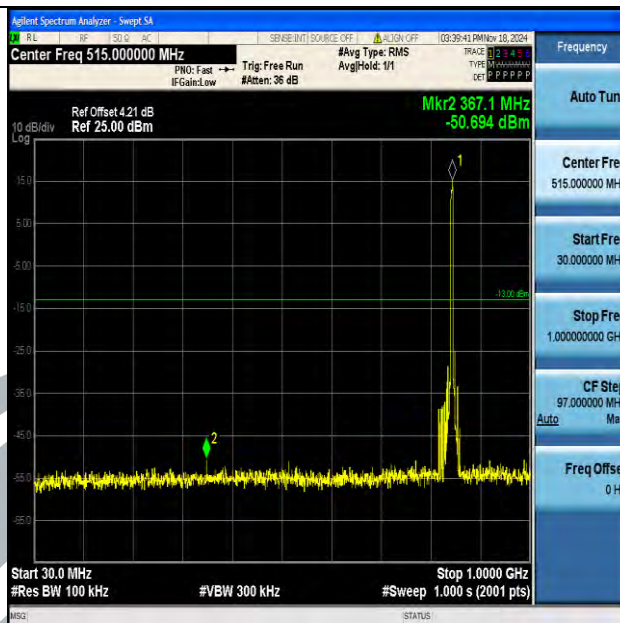
Band5-4132-1-1000~10000MHz-PASS



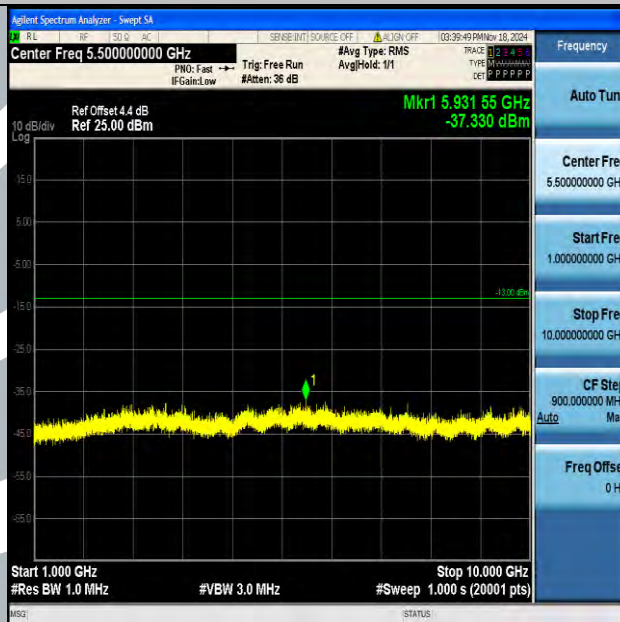
Band5-4182-1-30~1000MHz-PASS



Band5-4182-1-1000~10000MHz-PASS



Band5-4233-1-30~1000MHz-PASS



Band5-4233-1-1000~10000MHz-PASS

## APPENDIX B5: FREQUENCY STABILITY

### Test Result(WCDMA)

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2   | 9400    | VN            | NT               | -3.45          | -0.001835       | ±2.5        | PASS    |
| Band2   | 9400    | VL            | NT               | -2.18          | -0.001160       | ±2.5        | PASS    |
| Band2   | 9400    | VH            | NT               | -2.27          | -0.001207       | ±2.5        | PASS    |
| Band5   | 4182    | VN            | NT               | -3.58          | -0.004280       | ±2.5        | PASS    |
| Band5   | 4182    | VL            | NT               | -2.84          | -0.003396       | ±2.5        | PASS    |
| Band5   | 4182    | VH            | NT               | -3.55          | -0.004244       | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2       | 9400    | NV            | -30              | -2.80          | -0.001489       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | -20              | -1.09          | -0.000580       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | -10              | -1.99          | -0.001059       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | 0                | -0.38          | -0.000202       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | 10               | -0.53          | -0.000282       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | 20               | -2.25          | -0.001197       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | 30               | -3.03          | -0.001612       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | 40               | -2.16          | -0.001149       | ±2.5        | PASS    |
| Band2       | 9400    | NV            | 50               | -1.01          | -0.000537       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -30              | -3.01          | -0.003599       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -20              | -6.09          | -0.007281       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -10              | -6.07          | -0.007257       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 0                | -5.07          | -0.006062       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 10               | -4.00          | -0.004782       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 20               | -5.11          | -0.006110       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 30               | -3.76          | -0.004495       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 40               | -5.48          | -0.006552       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 50               | -6.82          | -0.008154       | ±2.5        | PASS    |