

# APPENDIX REPORT

|                 |                 |                     |              |
|-----------------|-----------------|---------------------|--------------|
| Project No.     | SHT2202018603EW | Radio Specification | WCDMA        |
| Test sample No. | YPHT22020186003 | Model No.           | EyeOn-12WC   |
| Start test date | 2022/2/24       | Finish date         | 2022/2/24    |
| Temperature     | 21.2℃           | Humidity            | 35%          |
| Test Engineer   | Tiancheng.Huang | Auditor             | Xiaodong Zhe |

| Appendix clause | Test item                              | Result |
|-----------------|----------------------------------------|--------|
| A               | Conducted Output Power                 | PASS   |
| B               | Peak-to-Average Ratio                  | PASS   |
| C               | 26 dB Bandwidth and Occupied Bandwidth | PASS   |
| D               | Band edge                              | PASS   |
| E               | Conducted Spurious Emission            | PASS   |
| F               | Frequency Stability                    | PASS   |
| G               | ERP and EIRP                           | PASS   |

## 8.1 Appendix A: Conducted Output Power

### Test Result

| Band    | Channel | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262    | 22.12      | 33         | PASS    |
| Band II | 9400    | 22.43      | 33         | PASS    |
| Band II | 9538    | 22.39      | 33         | PASS    |
| Band IV | 1312    | 22.58      | 30         | PASS    |
| Band IV | 1413    | 22.62      | 30         | PASS    |
| Band IV | 1513    | 22.74      | 30         | PASS    |
| Band V  | 4132    | 23.80      | 38.5       | PASS    |
| Band V  | 4182    | 23.78      | 38.5       | PASS    |
| Band V  | 4233    | 23.48      | 38.5       | PASS    |

| Band    | Channel | SubTest    | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262    | HSDPA_Sub1 | 18.94      | 33         | PASS    |
| Band II | 9262    | HSDPA_Sub2 | 18.44      | 33         | PASS    |
| Band II | 9262    | HSDPA_Sub3 | 18.47      | 33         | PASS    |
| Band II | 9262    | HSDPA_Sub4 | 18.46      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub1 | 19.40      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub2 | 18.88      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub3 | 18.87      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub4 | 18.91      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub1 | 19.49      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub2 | 19.05      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub3 | 19.09      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub4 | 19.08      | 33         | PASS    |
| Band IV | 1312    | HSDPA_Sub1 | 21.25      | 30         | PASS    |
| Band IV | 1312    | HSDPA_Sub2 | 20.67      | 30         | PASS    |
| Band IV | 1312    | HSDPA_Sub3 | 20.68      | 30         | PASS    |
| Band IV | 1312    | HSDPA_Sub4 | 20.73      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub1 | 21.28      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub2 | 20.75      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub3 | 20.81      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub4 | 20.80      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub1 | 21.31      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub2 | 20.81      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub3 | 20.83      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub4 | 20.83      | 30         | PASS    |
| Band V  | 4132    | HSDPA_Sub1 | 20.56      | 38.5       | PASS    |
| Band V  | 4132    | HSDPA_Sub2 | 19.99      | 38.5       | PASS    |
| Band V  | 4132    | HSDPA_Sub3 | 19.80      | 38.5       | PASS    |

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|        |      |            |       |      |      |
|--------|------|------------|-------|------|------|
| Band V | 4132 | HSDPA_Sub4 | 19.91 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub1 | 20.52 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub2 | 20.02 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub3 | 20.06 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub4 | 20.01 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub1 | 20.23 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub2 | 19.72 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub3 | 19.78 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub4 | 14.98 | 38.5 | PASS |

| Band    | Channel | SubTest    | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262    | HSUPA_Sub1 | 19.26      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub2 | 19.68      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub3 | 18.45      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub4 | 19.32      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub5 | 21.23      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub1 | 18.01      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub2 | 18.25      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub3 | 18.76      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub4 | 17.87      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub5 | 21.58      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub1 | 17.91      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub2 | 18.25      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub3 | 18.76      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub4 | 17.84      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub5 | 21.48      | 33         | PASS    |
| Band IV | 1312    | HSUPA_Sub1 | 19.36      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub2 | 19.81      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub3 | 19.68      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub4 | 19.40      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub5 | 21.40      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub1 | 19.41      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub2 | 19.93      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub3 | 20.46      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub4 | 19.43      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub5 | 21.47      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub1 | 19.50      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub2 | 19.99      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub3 | 20.52      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub4 | 19.50      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub5 | 21.52      | 30         | PASS    |
| Band V  | 4132    | HSUPA_Sub1 | 19.77      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub2 | 20.25      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub3 | 20.77      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub4 | 19.82      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub5 | 22.33      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub1 | 19.85      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub2 | 20.36      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub3 | 20.90      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub4 | 19.87      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub5 | 22.35      | 38.5       | PASS    |
| Band V  | 4233    | HSUPA_Sub1 | 20.00      | 38.5       | PASS    |

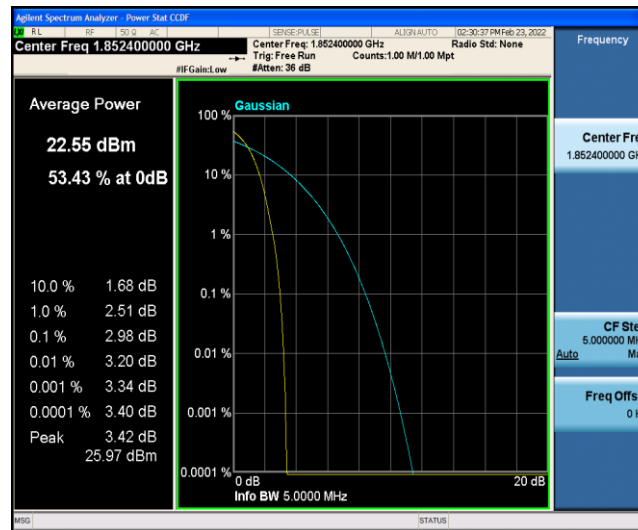
|        |      |            |       |      |      |
|--------|------|------------|-------|------|------|
| Band V | 4233 | HSUPA_Sub2 | 19.84 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub3 | 20.55 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub4 | 20.06 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub5 | 22.07 | 38.5 | PASS |

**8.2 Appendix B: Peak-to-Average Ratio**

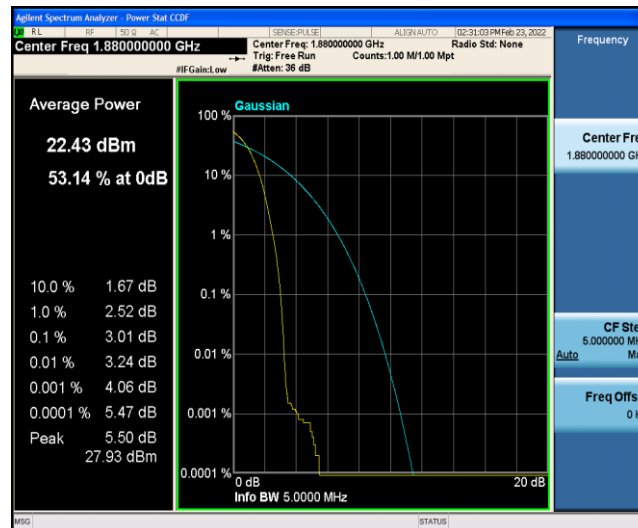
## Test Result

| Band    | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|---------|---------|---------------------------|-----------|---------|
| Band II | 9262    | 2.98                      | 13        | PASS    |
| Band II | 9400    | 3.01                      | 13        | PASS    |
| Band II | 9538    | 2.89                      | 13        | PASS    |
| Band IV | 1312    | 2.98                      | 13        | PASS    |
| Band IV | 1413    | 2.99                      | 13        | PASS    |
| Band IV | 1513    | 2.98                      | 13        | PASS    |
| Band V  | 4132    | 3.10                      | 13        | PASS    |
| Band V  | 4182    | 3.03                      | 13        | PASS    |
| Band V  | 4233    | 3.02                      | 13        | PASS    |

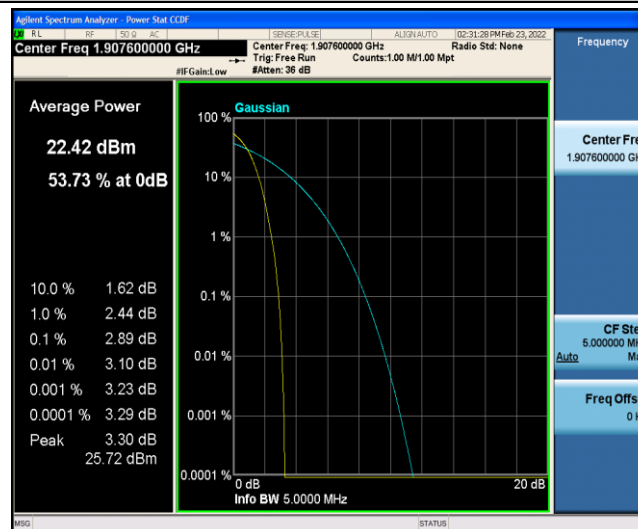
## Test Graphs



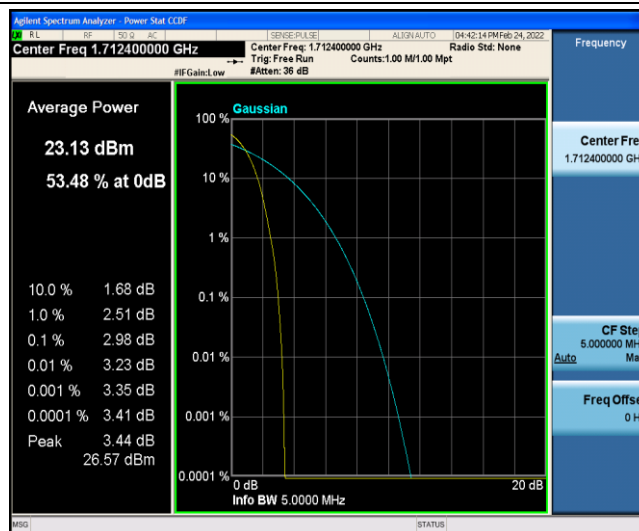
Band II\_9262



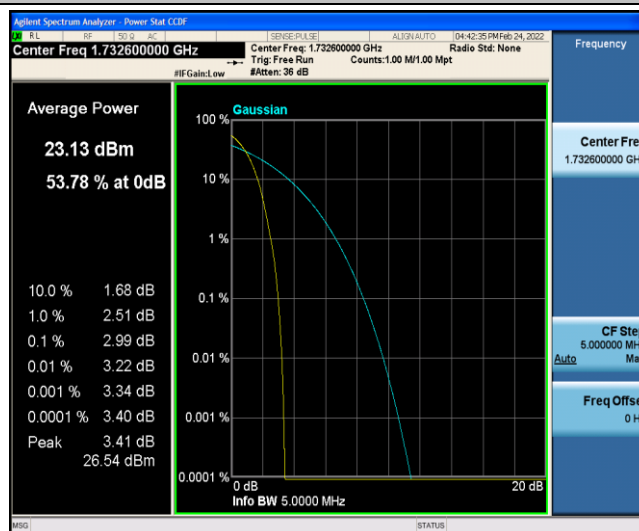
Band II\_9400



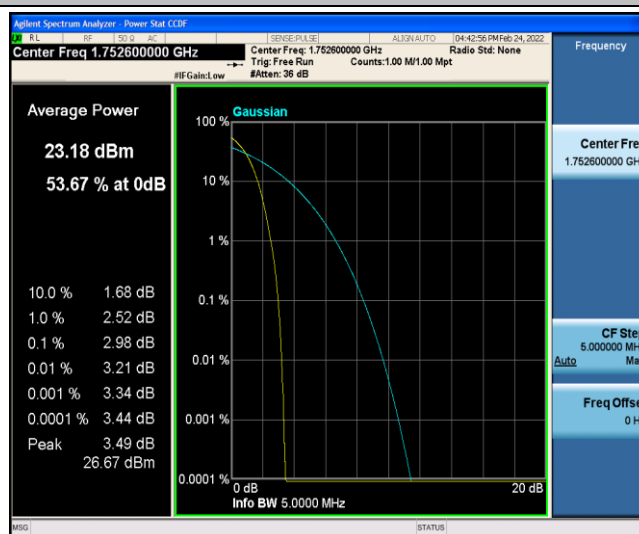
Band II\_9538



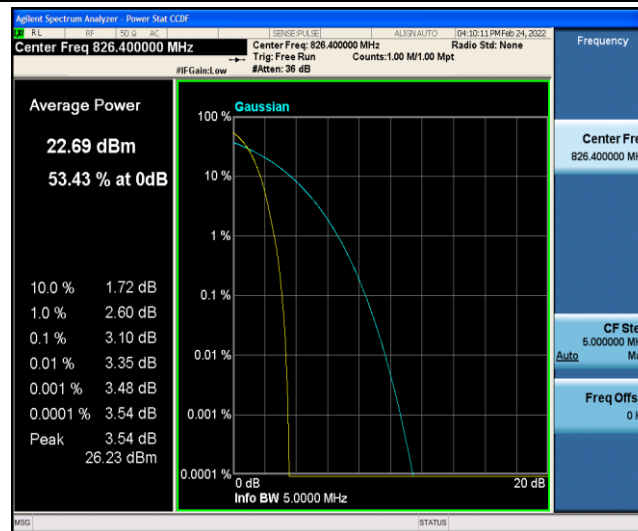
Band IV\_1312



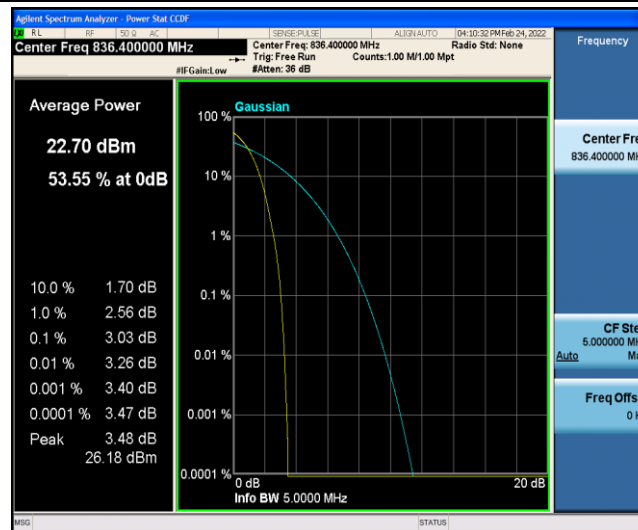
Band IV\_1413



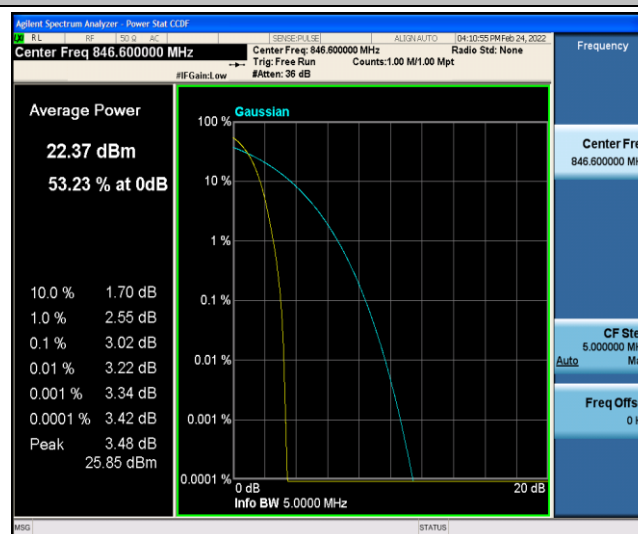
Band IV\_1513



Band V\_4132



Band V\_4182



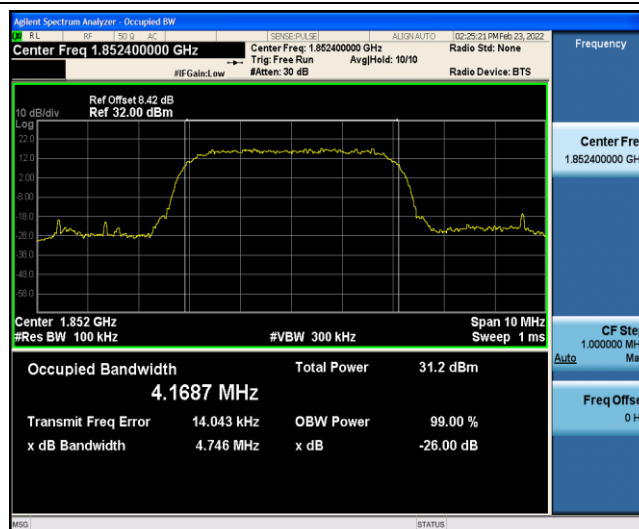
Band V\_4233

### 8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

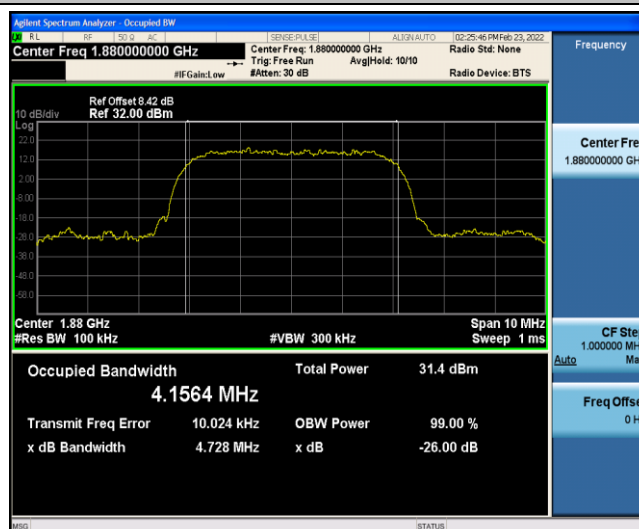
#### Test Result

| Band    | Channel | Occupied Bandwidth<br>(kHz) | 26dB Bandwidth<br>(kHz) | Limit(kHz) | Verdict |
|---------|---------|-----------------------------|-------------------------|------------|---------|
| Band II | 9262    | 4168.7                      | 4746                    | ---        | PASS    |
| Band II | 9400    | 4156.4                      | 4728                    | ---        | PASS    |
| Band II | 9538    | 4172.0                      | 4722                    | ---        | PASS    |
| Band IV | 1312    | 4181.9                      | 4710                    | ---        | PASS    |
| Band IV | 1413    | 4164.7                      | 4721                    | ---        | PASS    |
| Band IV | 1513    | 4169.2                      | 4723                    | ---        | PASS    |
| Band V  | 4132    | 4168.0                      | 4727                    | ---        | PASS    |
| Band V  | 4182    | 4165.9                      | 4715                    | ---        | PASS    |
| Band V  | 4233    | 4183.1                      | 4706                    | ---        | PASS    |

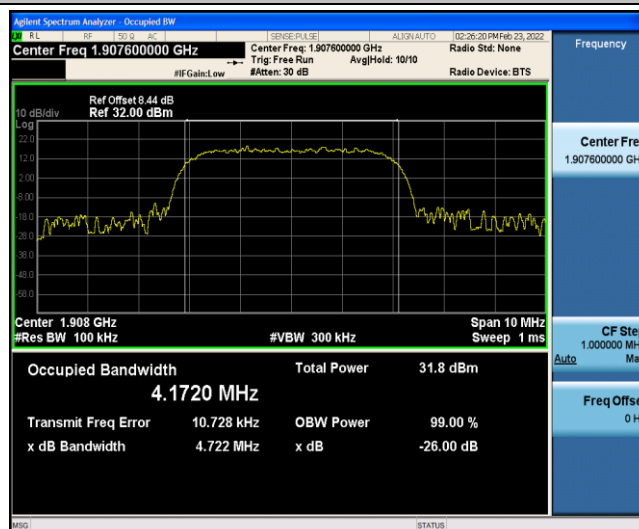
## Test Graphs



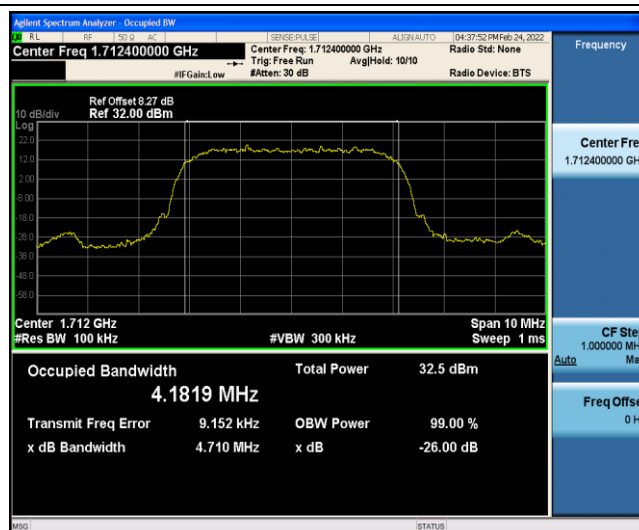
Band II\_9262



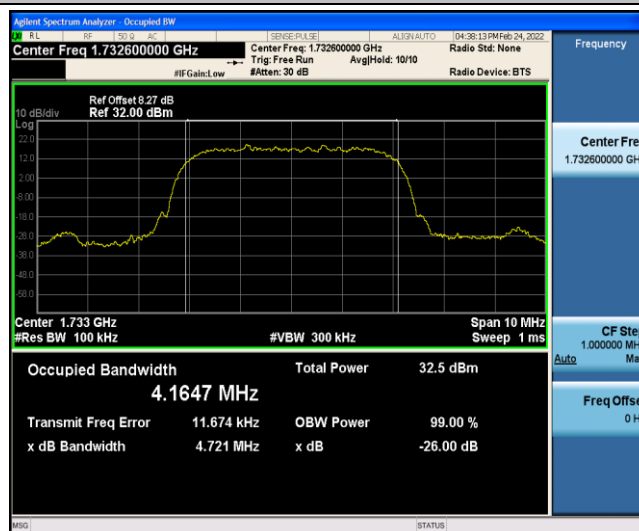
Band II\_9400



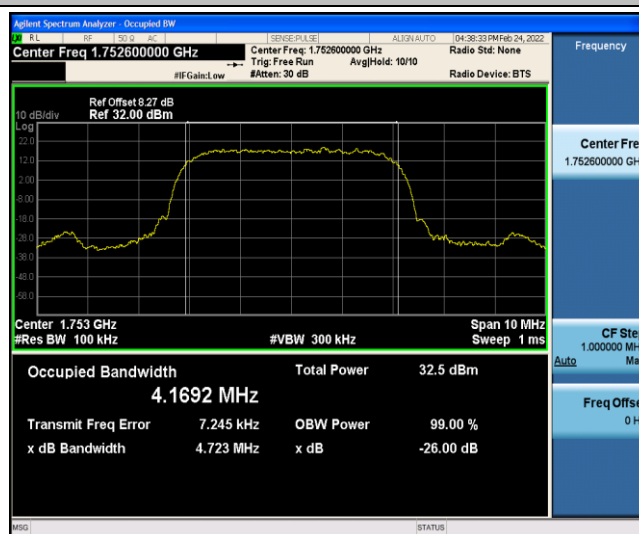
Band II\_9538



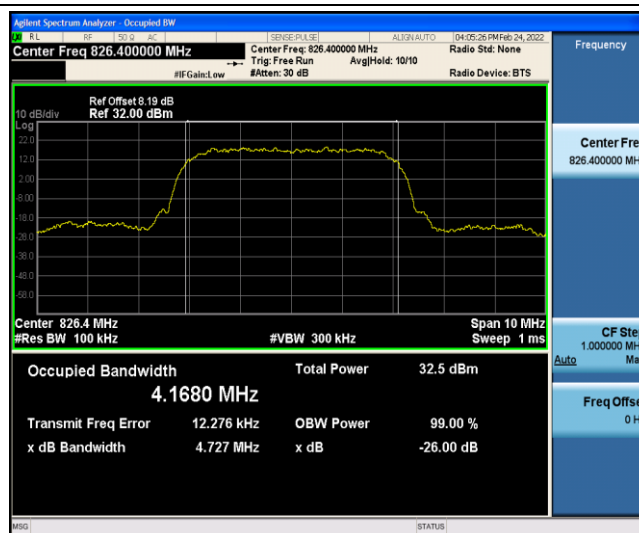
Band IV\_1312



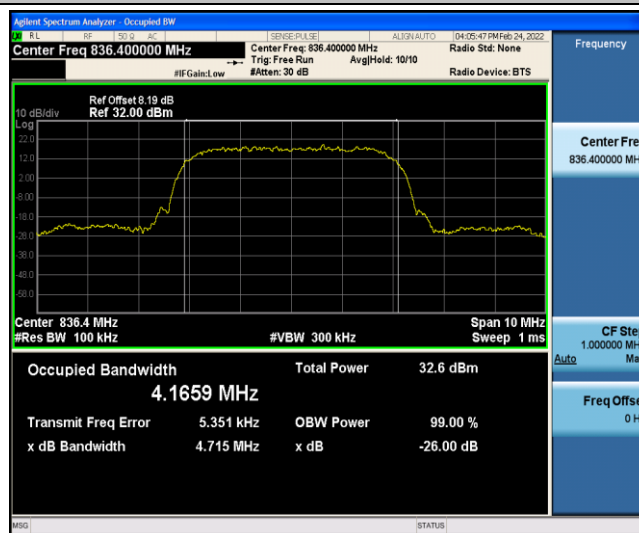
Band IV\_1413



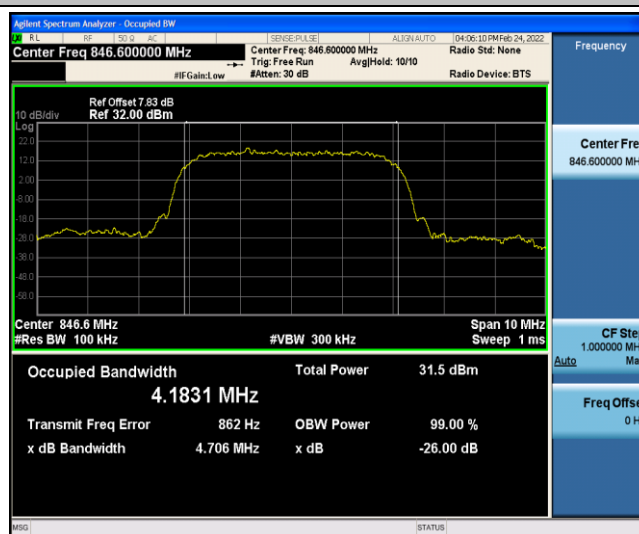
Band IV\_1513



Band V\_4132



Band V\_4182



Band V\_4233

#### 8.4 Appendix D: Band Edge

##### Test Result

| Band    | Channel | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262    | -22.98     | -13        | PASS    |
| Band II | 9538    | -22.09     | -13        | PASS    |
| Band IV | 1312    | -22.15     | -13        | PASS    |
| Band IV | 1513    | -21.96     | -13        | PASS    |
| Band V  | 4132    | -22.82     | -13        | PASS    |
| Band V  | 4233    | -23.87     | -13        | PASS    |

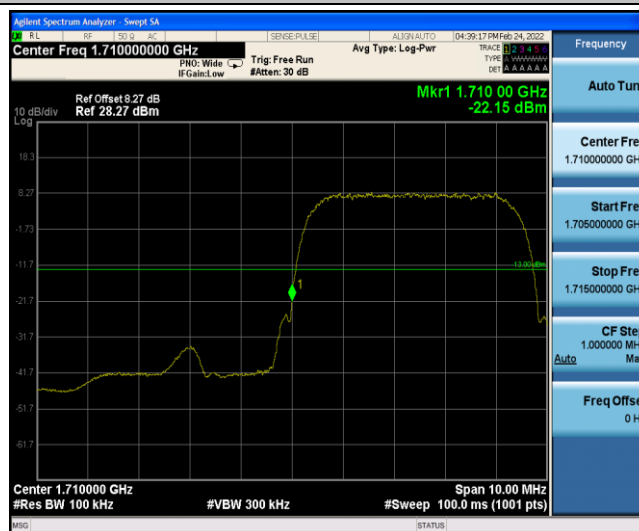
## Test Graphs



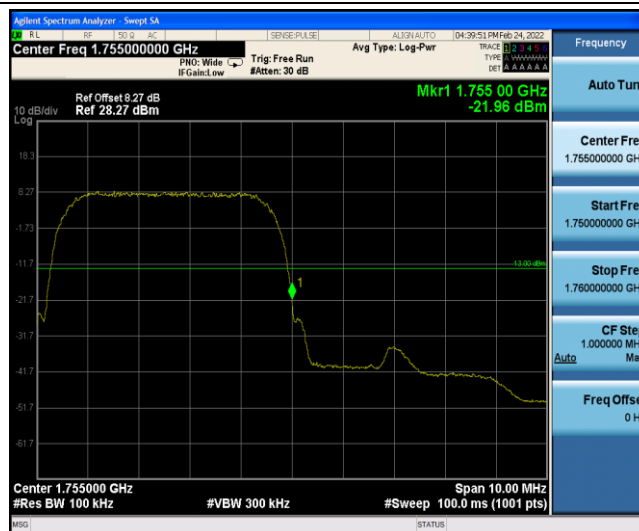
Band II\_9262



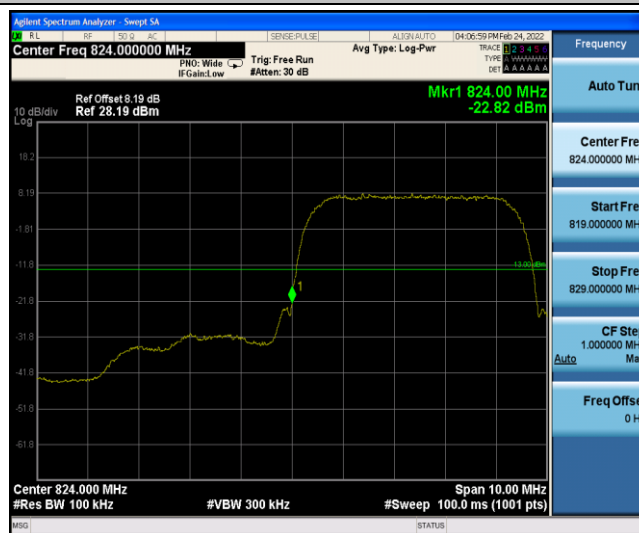
Band II\_9538



Band IV\_1312



Band IV\_1513



Band V\_4132



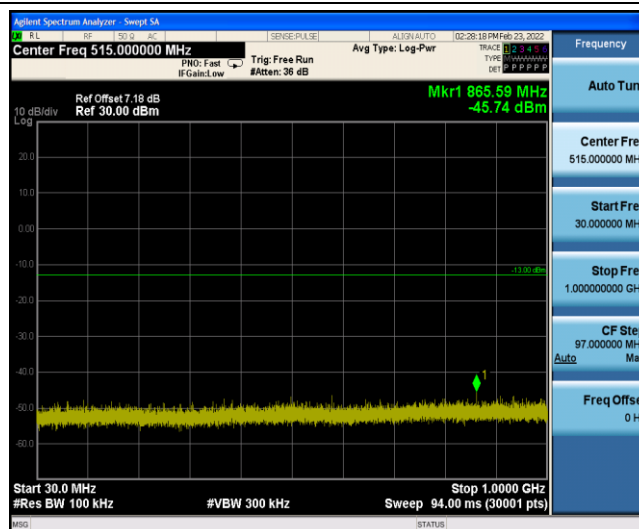
Band V\_4233

**8.5 Appendix E: Conducted Spurious Emission**

## Test Result

| Band    | Channel | Frequency Rang(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|---------------------|------------|------------|---------|
| Band II | 9262    | 30~1000             | -45.74     | -13        | PASS    |
| Band II | 9262    | 1000~20000          | -26.00     | -13        | PASS    |
| Band II | 9400    | 30~1000             | -46.66     | -13        | PASS    |
| Band II | 9400    | 1000~20000          | -25.41     | -13        | PASS    |
| Band II | 9538    | 30~1000             | -47.22     | -13        | PASS    |
| Band II | 9538    | 1000~20000          | -24.93     | -13        | PASS    |
| Band IV | 1312    | 30~1000             | -46.88     | -13        | PASS    |
| Band IV | 1312    | 1000~20000          | -25.71     | -13        | PASS    |
| Band IV | 1413    | 30~1000             | -46.93     | -13        | PASS    |
| Band IV | 1413    | 1000~20000          | -25.85     | -13        | PASS    |
| Band IV | 1513    | 30~1000             | -47.14     | -13        | PASS    |
| Band IV | 1513    | 1000~20000          | -24.90     | -13        | PASS    |
| Band V  | 4132    | 30~1000             | -46.80     | -13        | PASS    |
| Band V  | 4132    | 1000~10000          | -31.93     | -13        | PASS    |
| Band V  | 4182    | 30~1000             | -47.15     | -13        | PASS    |
| Band V  | 4182    | 1000~10000          | -32.02     | -13        | PASS    |
| Band V  | 4233    | 30~1000             | -46.52     | -13        | PASS    |
| Band V  | 4233    | 1000~10000          | -32.41     | -13        | PASS    |

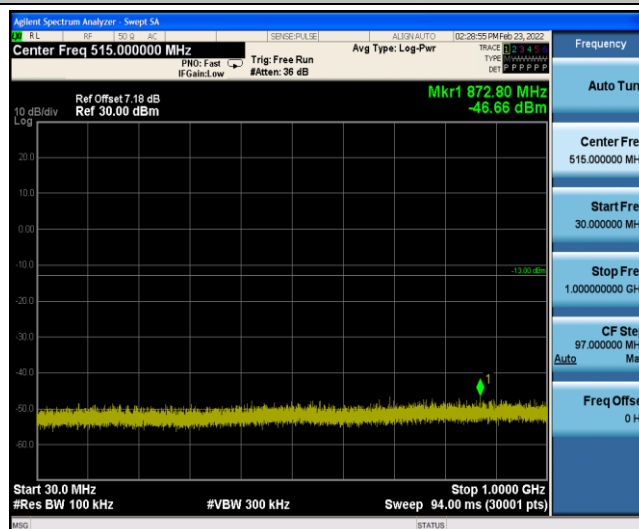
## Test Graphs



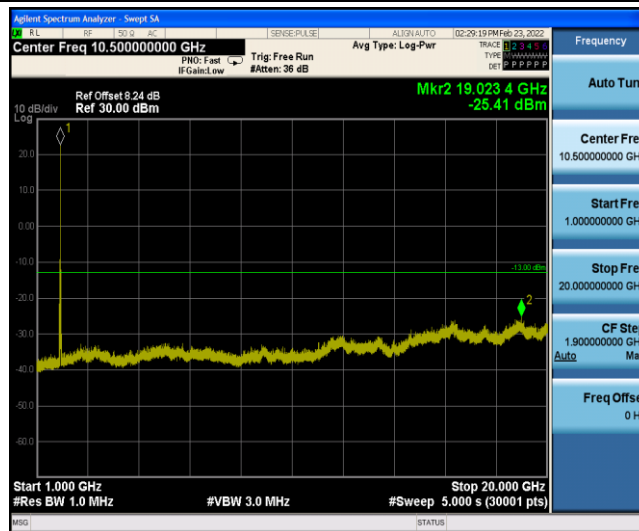
Band II\_9262



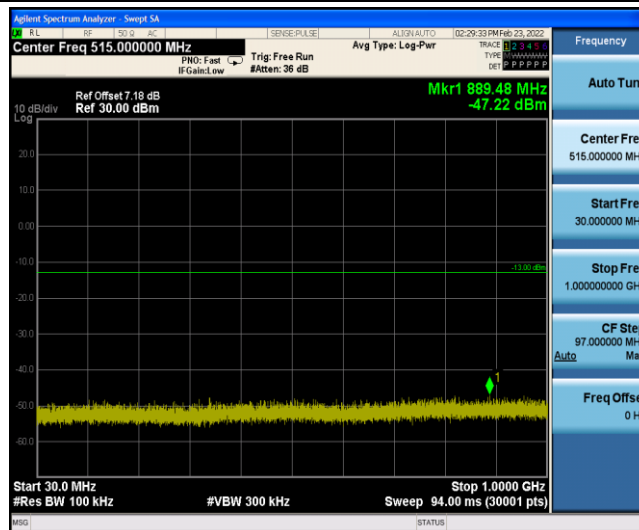
Band II\_9262



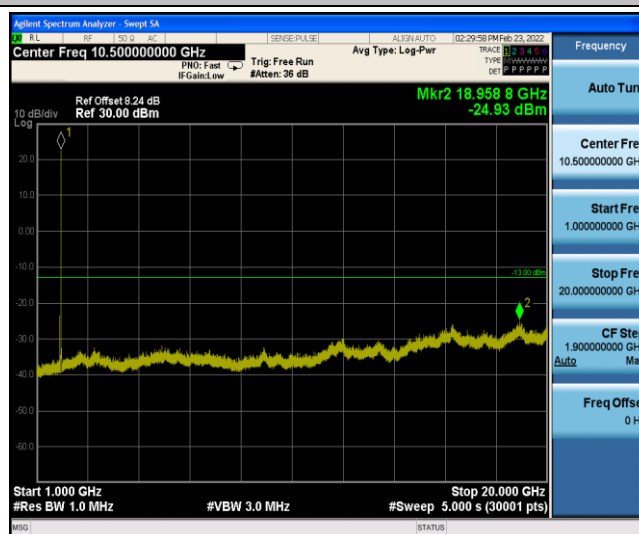
Band II\_9400



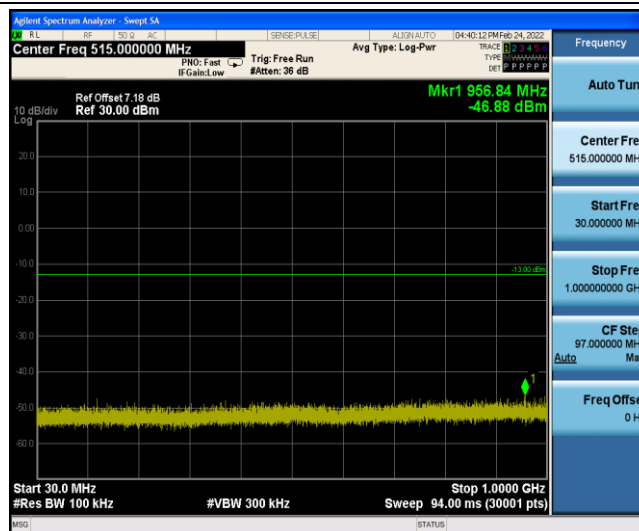
Band II\_9400



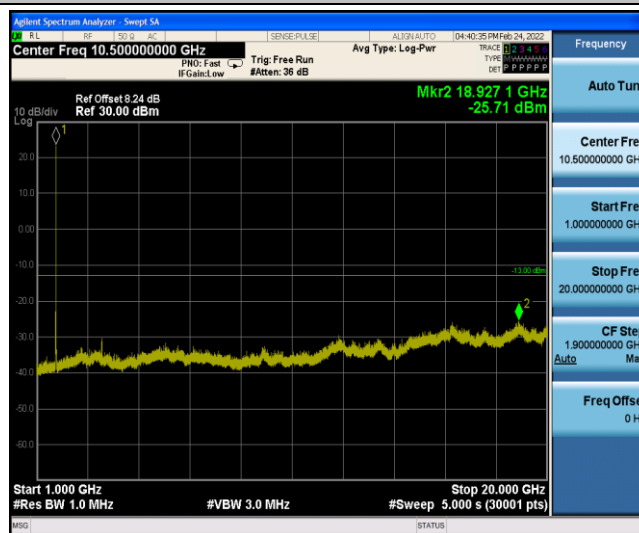
Band II\_9538



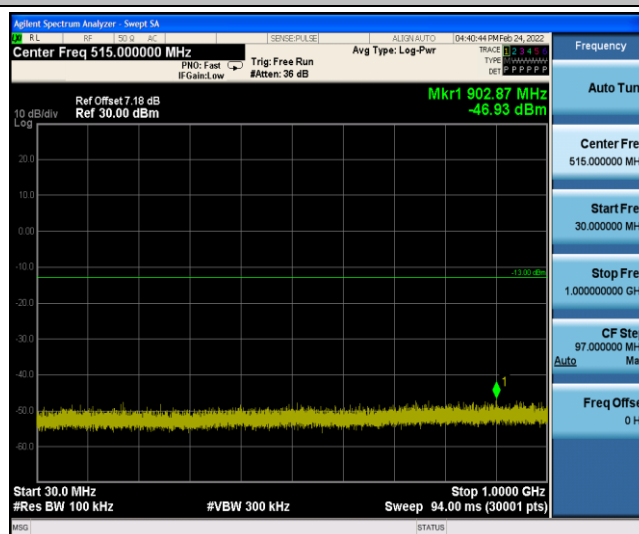
Band II\_9538



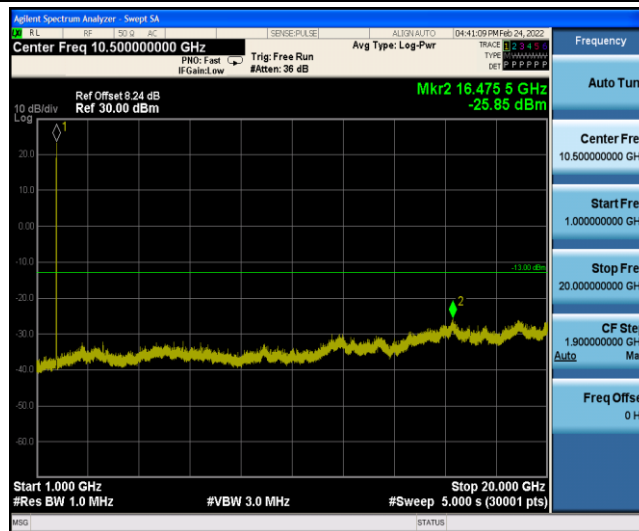
Band IV\_1312



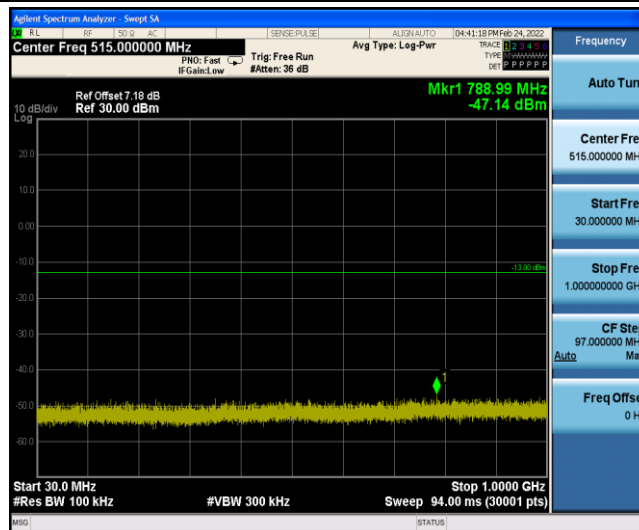
Band IV\_1312



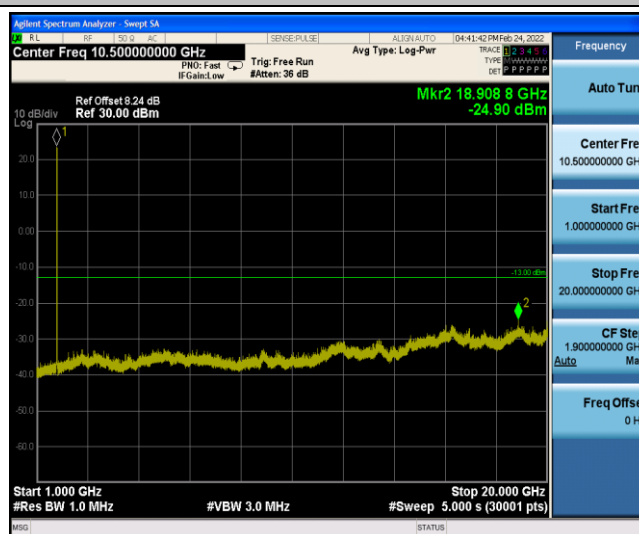
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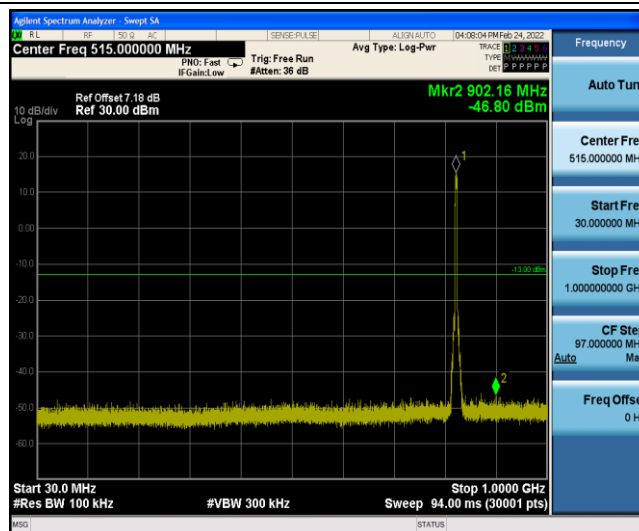
Band IV\_1413



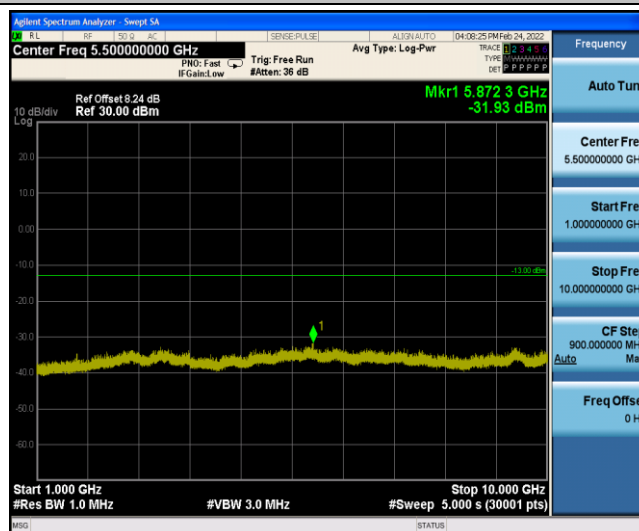
Band IV\_1513



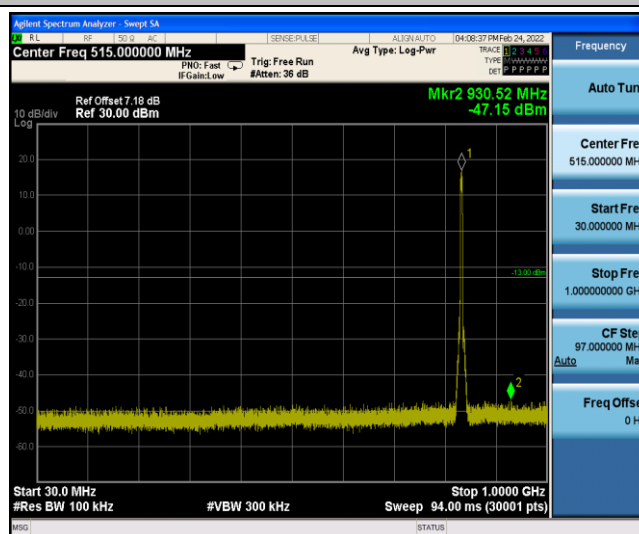
Band IV\_1513



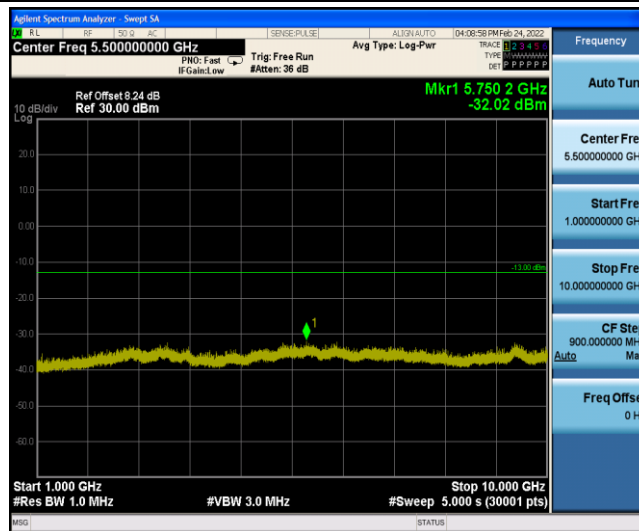
Band V\_4132



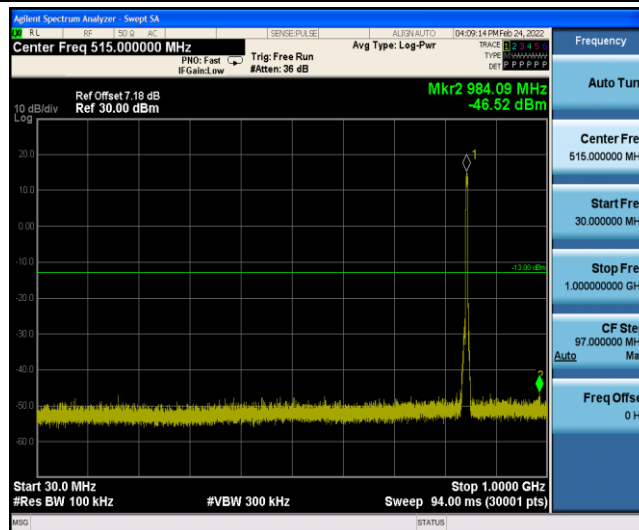
Band V\_4132



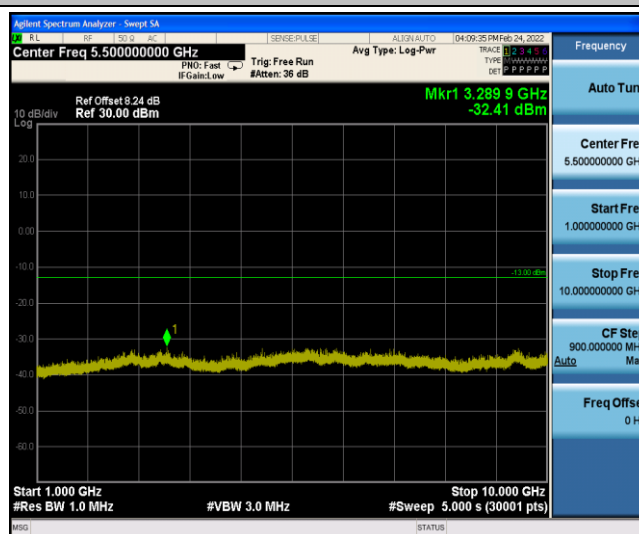
Band V\_4182



Band V\_4182



Band V\_4233



Band V\_4233

## 8.6 Appendix F: Frequency Stability

### Test Result

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II | 9262    | VL            | TN               | -9.32          | -0.005031       | 2.5         | PASS    |
| Band II | 9400    | VL            | TN               | -11.23         | -0.005973       | 2.5         | PASS    |
| Band II | 9400    | VN            | TN               | -10.91         | -0.005803       | 2.5         | PASS    |
| Band II | 9400    | VH            | TN               | -11.42         | -0.006074       | 2.5         | PASS    |
| Band II | 9538    | VL            | TN               | -10.25         | -0.005373       | 2.5         | PASS    |
| Band II | 9538    | VN            | TN               | -11.54         | -0.006049       | 2.5         | PASS    |
| Band II | 9538    | VH            | TN               | -12.76         | -0.006689       | 2.5         | PASS    |
| Band IV | 1312    | VL            | TN               | -10.64         | -0.006214       | 2.5         | PASS    |
| Band IV | 1312    | VN            | TN               | -11.81         | -0.006897       | 2.5         | PASS    |
| Band IV | 1312    | VH            | TN               | -12.58         | -0.007346       | 2.5         | PASS    |
| Band IV | 1413    | VL            | TN               | -11.09         | -0.006401       | 2.5         | PASS    |
| Band IV | 1413    | VN            | TN               | -11.74         | -0.006776       | 2.5         | PASS    |
| Band IV | 1413    | VH            | TN               | -7.70          | -0.004444       | 2.5         | PASS    |
| Band IV | 1513    | VL            | TN               | -10.52         | -0.006003       | 2.5         | PASS    |
| Band IV | 1513    | VN            | TN               | -6.06          | -0.003458       | 2.5         | PASS    |
| Band IV | 1513    | VH            | TN               | -7.92          | -0.004519       | 2.5         | PASS    |
| Band V  | 4132    | VL            | TN               | -11.46         | -0.013867       | 2.5         | PASS    |
| Band V  | 4132    | VN            | TN               | -8.34          | -0.010092       | 2.5         | PASS    |
| Band V  | 4132    | VH            | TN               | -6.81          | -0.008241       | 2.5         | PASS    |
| Band V  | 4182    | VL            | TN               | -7.07          | -0.008453       | 2.5         | PASS    |
| Band V  | 4182    | VN            | TN               | -13.92         | -0.016643       | 2.5         | PASS    |
| Band V  | 4182    | VH            | TN               | -9.88          | -0.011813       | 2.5         | PASS    |
| Band V  | 4233    | VL            | TN               | -6.26          | -0.007394       | 2.5         | PASS    |
| Band V  | 4233    | VN            | TN               | -9.26          | -0.010938       | 2.5         | PASS    |
| Band V  | 4233    | VH            | TN               | -4.93          | -0.005823       | 2.5         | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II     | 9400    | VN            | -30              | -9.06          | -0.004819       | 2.5         | PASS    |
| Band II     | 9400    | VN            | -20              | -11.83         | -0.006293       | 2.5         | PASS    |
| Band II     | 9400    | VN            | -10              | -10.50         | -0.005585       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 0                | -12.36         | -0.006574       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 10               | -8.33          | -0.004431       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 20               | -12.20         | -0.006489       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 30               | -9.71          | -0.005165       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 40               | -10.93         | -0.005814       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 50               | -13.15         | -0.006995       | 2.5         | PASS    |
| Band II     | 9538    | VN            | -30              | -8.28          | -0.004341       | 2.5         | PASS    |
| Band II     | 9538    | VN            | -20              | -8.52          | -0.004466       | 2.5         | PASS    |
| Band II     | 9538    | VN            | -10              | -9.38          | -0.004917       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 0                | -10.81         | -0.005667       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 10               | -10.92         | -0.005724       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 20               | -9.30          | -0.004875       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 30               | -7.92          | -0.004152       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 40               | -6.51          | -0.003413       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 50               | -8.87          | -0.004650       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | -30              | -8.64          | -0.005046       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | -20              | -6.31          | -0.003685       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | -10              | -9.63          | -0.005624       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 0                | -9.38          | -0.005478       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 10               | -9.51          | -0.005554       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 20               | -11.17         | -0.006523       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 30               | -15.57         | -0.009093       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 40               | -10.44         | -0.006097       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 50               | -4.43          | -0.002587       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | -30              | -12.32         | -0.007111       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | -20              | -9.59          | -0.005535       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | -10              | -8.90          | -0.005137       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 0                | -11.24         | -0.006487       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 10               | -9.85          | -0.005685       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 20               | -8.75          | -0.005050       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 30               | -11.45         | -0.006609       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 40               | -5.32          | -0.003071       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 50               | -10.21         | -0.005893       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | -30              | -11.02         | -0.006288       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | -20              | -9.23          | -0.005266       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | -10              | -3.25          | -0.001854       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | 0                | -7.17          | -0.004091       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | 10               | -9.01          | -0.005141       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | 20               | -5.31          | -0.003030       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | 30               | -5.29          | -0.003018       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | 40               | -4.84          | -0.002762       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | 50               | -12.57         | -0.007172       | 2.5         | PASS    |
| Band V      | 4132    | VN            | -30              | -6.42          | -0.007769       | 2.5         | PASS    |

|        |      |    |     |        |           |     |      |
|--------|------|----|-----|--------|-----------|-----|------|
| Band V | 4132 | VN | -20 | -13.39 | -0.016203 | 2.5 | PASS |
| Band V | 4132 | VN | -10 | -9.02  | -0.010915 | 2.5 | PASS |
| Band V | 4132 | VN | 0   | -5.92  | -0.007164 | 2.5 | PASS |
| Band V | 4132 | VN | 10  | -10.15 | -0.012282 | 2.5 | PASS |
| Band V | 4132 | VN | 20  | -14.27 | -0.017268 | 2.5 | PASS |
| Band V | 4132 | VN | 30  | -13.92 | -0.016844 | 2.5 | PASS |
| Band V | 4132 | VN | 40  | -5.16  | -0.006244 | 2.5 | PASS |
| Band V | 4132 | VN | 50  | -4.58  | -0.005542 | 2.5 | PASS |
| Band V | 4182 | VN | -30 | -12.47 | -0.014909 | 2.5 | PASS |
| Band V | 4182 | VN | -20 | -10.93 | -0.013068 | 2.5 | PASS |
| Band V | 4182 | VN | -10 | -1.21  | -0.001447 | 2.5 | PASS |
| Band V | 4182 | VN | 0   | -6.60  | -0.007891 | 2.5 | PASS |
| Band V | 4182 | VN | 10  | -11.60 | -0.013869 | 2.5 | PASS |
| Band V | 4182 | VN | 20  | -5.69  | -0.006803 | 2.5 | PASS |
| Band V | 4182 | VN | 30  | -11.30 | -0.013510 | 2.5 | PASS |
| Band V | 4182 | VN | 40  | -4.53  | -0.005416 | 2.5 | PASS |
| Band V | 4182 | VN | 50  | -5.60  | -0.006695 | 2.5 | PASS |
| Band V | 4233 | VN | -30 | -10.46 | -0.012355 | 2.5 | PASS |
| Band V | 4233 | VN | -20 | -6.92  | -0.008174 | 2.5 | PASS |
| Band V | 4233 | VN | -10 | -9.22  | -0.010891 | 2.5 | PASS |
| Band V | 4233 | VN | 0   | -2.32  | -0.002740 | 2.5 | PASS |
| Band V | 4233 | VN | 10  | -9.42  | -0.011127 | 2.5 | PASS |
| Band V | 4233 | VN | 20  | -10.78 | -0.012733 | 2.5 | PASS |
| Band V | 4233 | VN | 30  | -6.74  | -0.007961 | 2.5 | PASS |
| Band V | 4233 | VN | 40  | -13.65 | -0.016123 | 2.5 | PASS |
| Band V | 4233 | VN | 50  | -8.65  | -0.010217 | 2.5 | PASS |

## 8.7 Appendix G: ERP and EIRP

### Test Result

| Band    | Mode  | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP  |        | Limit (W) | Verdict |
|---------|-------|-----------------------|--------------------|-------|--------|-----------|---------|
|         |       |                       |                    | (dBm) | (W)    |           |         |
| Band II | WCMDA | 22.43                 | 0.31               | 22.74 | 0.1879 | 2         | PASS    |
|         | HSDPA | 19.49                 | 0.31               | 19.80 | 0.0955 | 2         | PASS    |
|         | HSUPA | 21.58                 | 0.31               | 21.89 | 0.1545 | 2         | PASS    |
| Band IV | WCMDA | 22.74                 | 0.91               | 23.65 | 0.2317 | 1         | PASS    |
|         | HSDPA | 21.31                 | 0.91               | 22.22 | 0.1667 | 1         | PASS    |
|         | HSUPA | 21.52                 | 0.91               | 22.43 | 0.1750 | 1         | PASS    |

| Band   | Mode  | Conducted Power (dBm) | Antenna Gain (dBi) | ERP   |        | Limit (W) | Verdict |
|--------|-------|-----------------------|--------------------|-------|--------|-----------|---------|
|        |       |                       |                    | (dBm) | (W)    |           |         |
| Band V | WCMDA | 23.80                 | -2.06              | 19.59 | 0.0910 | 7         | PASS    |
|        | HSDPA | 20.56                 | -2.06              | 16.35 | 0.0432 | 7         | PASS    |
|        | HSUPA | 22.35                 | -2.06              | 18.14 | 0.0652 | 7         | PASS    |

-----End of the Report -----