

# APPENDIX REPORT

|                 |                 |                     |              |
|-----------------|-----------------|---------------------|--------------|
| Project No.     | SHT2210112901EW | Radio Specification | WCDMA        |
| Test sample No. | YPHT22101129001 | Model No.           | Stark 8      |
| Start test date | 2022/11/15      | Finish date         | 2022/11/17   |
| Temperature     | 24.8℃           | 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    | 22.17      | 33         | PASS    |
| Band II | 9400    | 22.48      | 33         | PASS    |
| Band II | 9538    | 22.36      | 33         | PASS    |
| Band IV | 1312    | 21.67      | 30         | PASS    |
| Band IV | 1413    | 21.35      | 30         | PASS    |
| Band IV | 1513    | 21.96      | 30         | PASS    |
| Band V  | 4132    | 23.22      | 38.5       | PASS    |
| Band V  | 4182    | 23.25      | 38.5       | PASS    |
| Band V  | 4233    | 22.92      | 38.5       | PASS    |

| Band    | Channel | SubTest    | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262    | HSDPA_Sub1 | 19.52      | 33         | PASS    |
| Band II | 9262    | HSDPA_Sub2 | 18.98      | 33         | PASS    |
| Band II | 9262    | HSDPA_Sub3 | 19.06      | 33         | PASS    |
| Band II | 9262    | HSDPA_Sub4 | 19.05      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub1 | 20.07      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub2 | 19.43      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub3 | 19.71      | 33         | PASS    |
| Band II | 9400    | HSDPA_Sub4 | 19.63      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub1 | 20.75      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub2 | 20.19      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub3 | 20.28      | 33         | PASS    |
| Band II | 9538    | HSDPA_Sub4 | 20.24      | 33         | PASS    |
| Band IV | 1312    | HSDPA_Sub1 | 19.50      | 30         | PASS    |
| Band IV | 1312    | HSDPA_Sub2 | 18.83      | 30         | PASS    |
| Band IV | 1312    | HSDPA_Sub3 | 19.11      | 30         | PASS    |
| Band IV | 1312    | HSDPA_Sub4 | 19.17      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub1 | 19.63      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub2 | 19.09      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub3 | 19.10      | 30         | PASS    |
| Band IV | 1413    | HSDPA_Sub4 | 19.09      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub1 | 19.91      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub2 | 19.38      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub3 | 19.39      | 30         | PASS    |
| Band IV | 1513    | HSDPA_Sub4 | 19.38      | 30         | PASS    |
| Band V  | 4132    | HSDPA_Sub1 | 23.69      | 38.5       | PASS    |
| Band V  | 4132    | HSDPA_Sub2 | 23.13      | 38.5       | PASS    |
| Band V  | 4132    | HSDPA_Sub3 | 23.10      | 38.5       | PASS    |

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|        |      |            |       |      |      |
|--------|------|------------|-------|------|------|
| Band V | 4132 | HSDPA_Sub4 | 23.10 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub1 | 23.51 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub2 | 22.95 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub3 | 22.96 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub4 | 22.95 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub1 | 23.08 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub2 | 22.52 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub3 | 22.53 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub4 | 22.50 | 38.5 | PASS |

| Band    | Channel | SubTest    | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262    | HSUPA_Sub1 | 18.17      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub2 | 18.71      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub3 | 19.27      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub4 | 18.28      | 33         | PASS    |
| Band II | 9262    | HSUPA_Sub5 | 20.27      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub1 | 18.77      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub2 | 19.21      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub3 | 19.74      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub4 | 18.81      | 33         | PASS    |
| Band II | 9400    | HSUPA_Sub5 | 20.90      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub1 | 19.19      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub2 | 19.54      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub3 | 20.16      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub4 | 19.18      | 33         | PASS    |
| Band II | 9538    | HSUPA_Sub5 | 21.24      | 33         | PASS    |
| Band IV | 1312    | HSUPA_Sub1 | 17.44      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub2 | 18.17      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub3 | 18.67      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub4 | 17.69      | 30         | PASS    |
| Band IV | 1312    | HSUPA_Sub5 | 19.66      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub1 | 17.67      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub2 | 18.14      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub3 | 18.67      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub4 | 17.69      | 30         | PASS    |
| Band IV | 1413    | HSUPA_Sub5 | 19.68      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub1 | 17.89      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub2 | 18.40      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub3 | 18.51      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub4 | 17.58      | 30         | PASS    |
| Band IV | 1513    | HSUPA_Sub5 | 19.56      | 30         | PASS    |
| Band V  | 4132    | HSUPA_Sub1 | 19.99      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub2 | 21.76      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub3 | 22.23      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub4 | 16.95      | 38.5       | PASS    |
| Band V  | 4132    | HSUPA_Sub5 | 19.03      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub1 | 17.02      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub2 | 16.34      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub3 | 16.90      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub4 | 15.98      | 38.5       | PASS    |
| Band V  | 4182    | HSUPA_Sub5 | 17.92      | 38.5       | PASS    |
| Band V  | 4233    | HSUPA_Sub1 | 16.04      | 38.5       | PASS    |

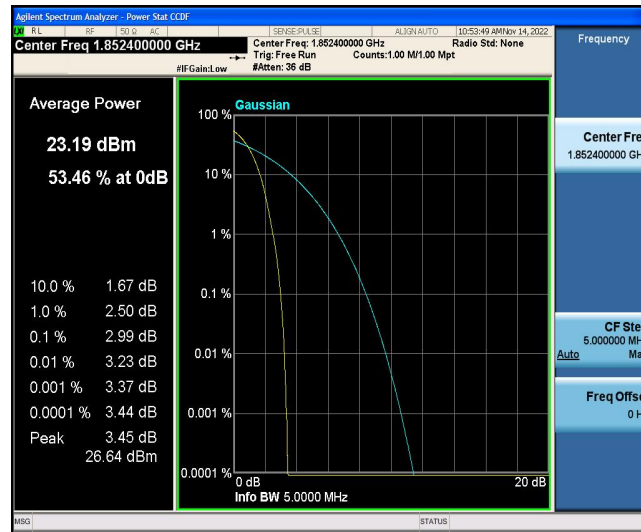
|        |      |            |       |      |      |
|--------|------|------------|-------|------|------|
| Band V | 4233 | HSUPA_Sub2 | 16.47 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub3 | 17.05 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub4 | 16.13 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub5 | 17.95 | 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    | 2.99                      | 13        | PASS    |
| Band II | 9400    | 3.01                      | 13        | PASS    |
| Band II | 9538    | 2.99                      | 13        | PASS    |
| Band IV | 1312    | 2.54                      | 13        | PASS    |
| Band IV | 1413    | 2.94                      | 13        | PASS    |
| Band IV | 1513    | 2.38                      | 13        | PASS    |
| Band V  | 4132    | 3.08                      | 13        | PASS    |
| Band V  | 4182    | 3.03                      | 13        | PASS    |
| Band V  | 4233    | 3.00                      | 13        | PASS    |

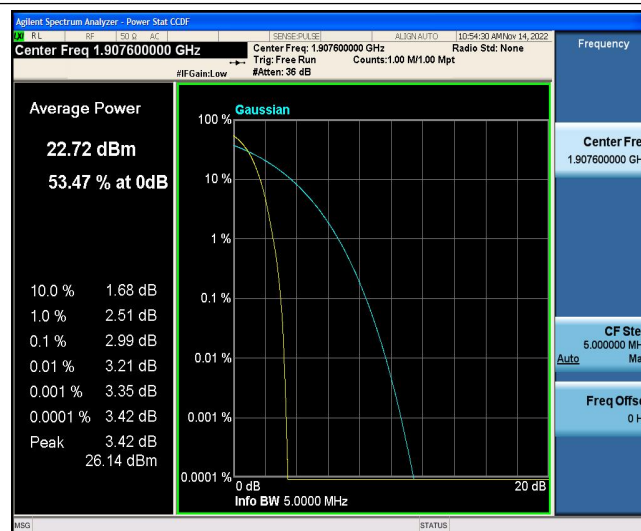
## Test Graphs



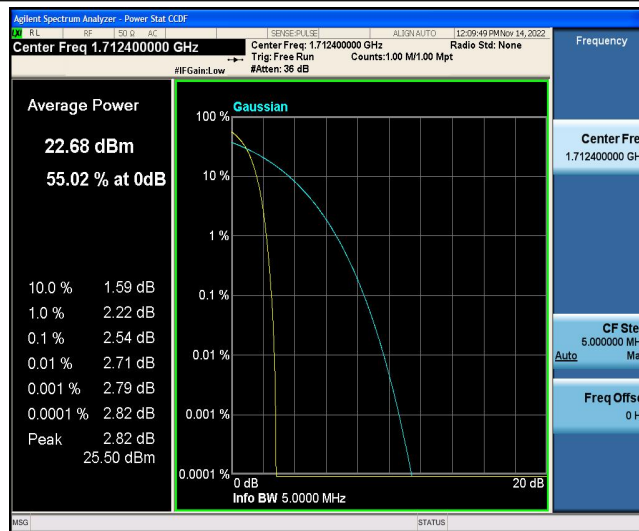
Band II\_9262



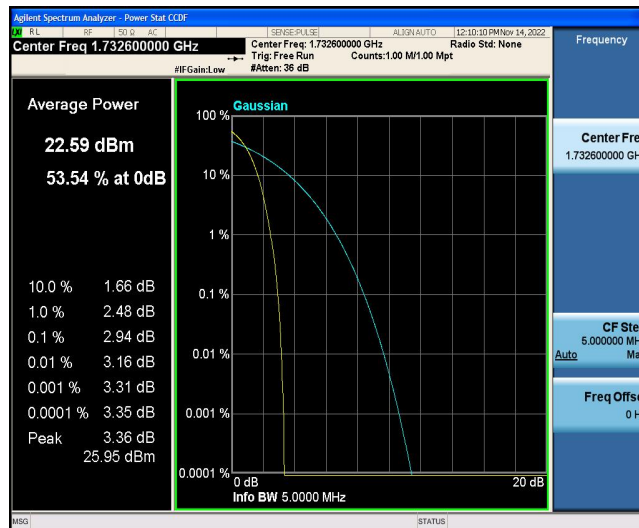
Band II\_9400



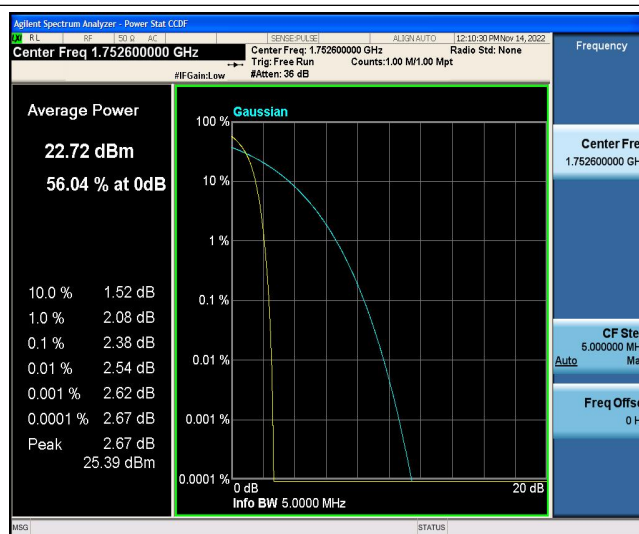
Band II\_9538



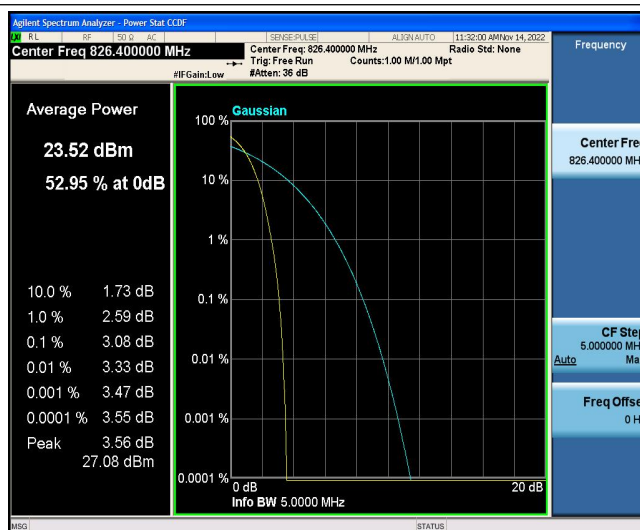
Band IV\_1312



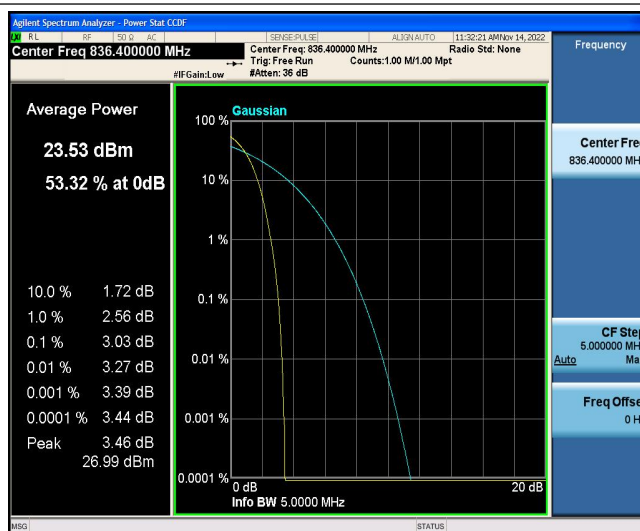
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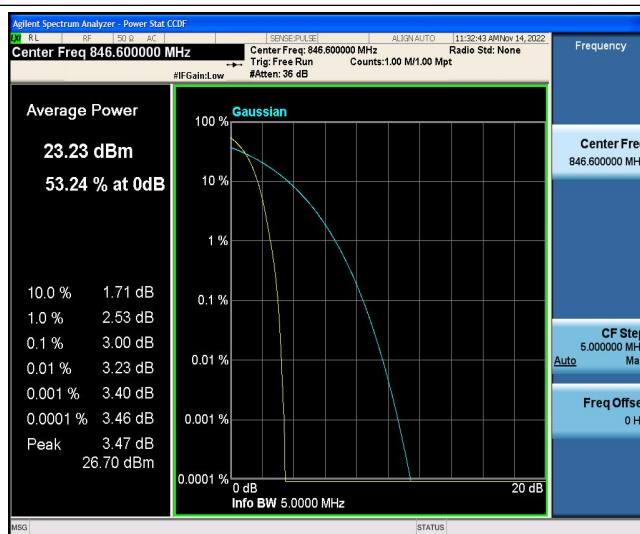
Band IV\_1513



Band V\_4132



Band V\_4182



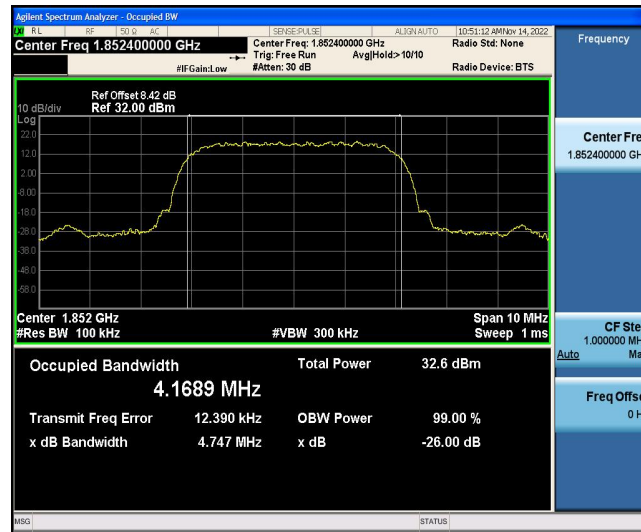
Band V\_4233

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

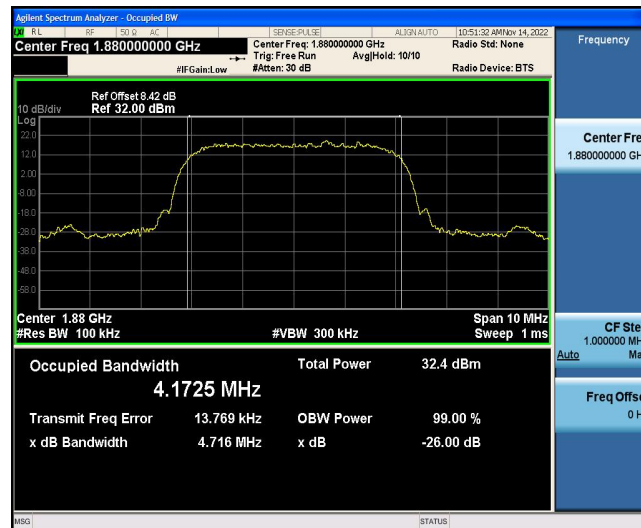
#### Test Result

| Band    | Channel | Occupied Bandwidth<br>(kHz) | 26dB Bandwidth<br>(kHz) | Limit(kHz) | Verdict |
|---------|---------|-----------------------------|-------------------------|------------|---------|
| Band II | 9262    | 4168.9                      | 4747                    | ---        | PASS    |
| Band II | 9400    | 4172.5                      | 4716                    | ---        | PASS    |
| Band II | 9538    | 4176.2                      | 4722                    | ---        | PASS    |
| Band IV | 1312    | 4195.0                      | 4774                    | ---        | PASS    |
| Band IV | 1413    | 4163.4                      | 4730                    | ---        | PASS    |
| Band IV | 1513    | 4205.0                      | 4783                    | ---        | PASS    |
| Band V  | 4132    | 4184.7                      | 4856                    | ---        | PASS    |
| Band V  | 4182    | 4180.3                      | 4712                    | ---        | PASS    |
| Band V  | 4233    | 4184.6                      | 4718                    | ---        | PASS    |

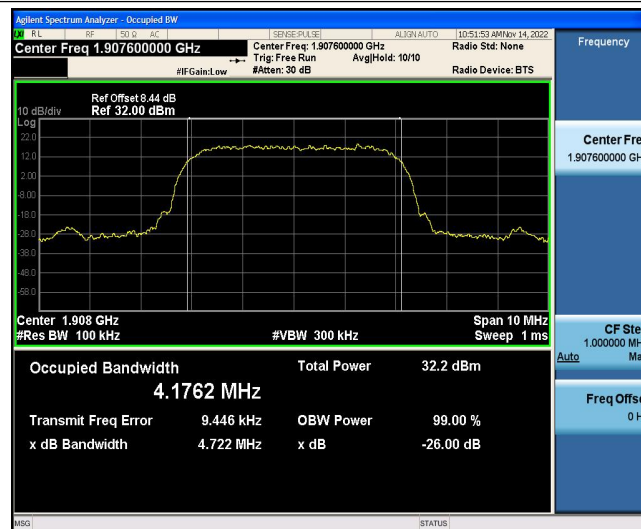
## Test Graphs



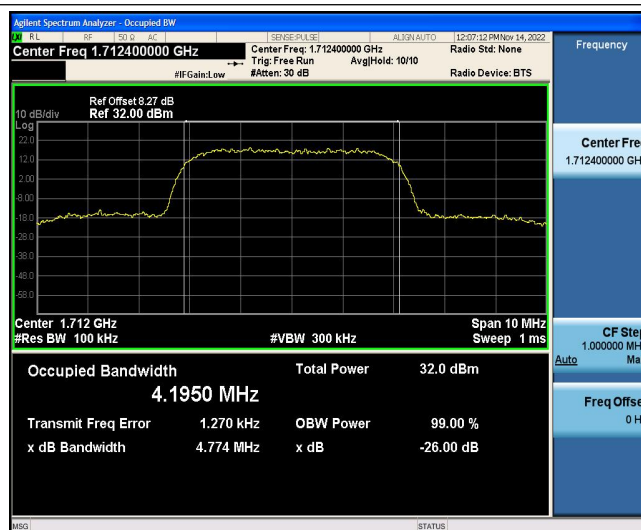
Band II\_9262



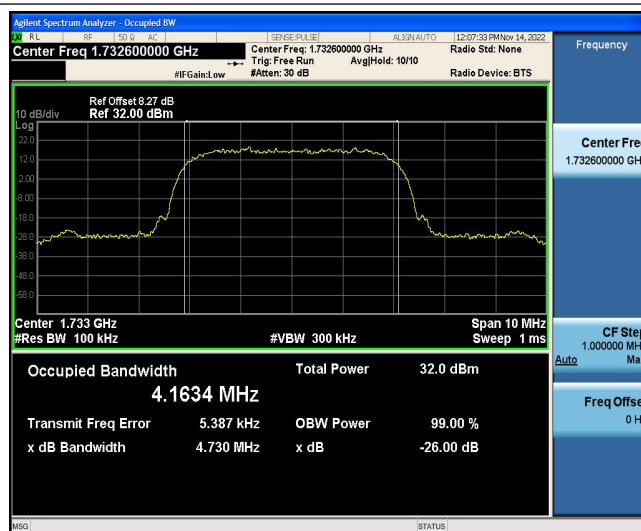
Band II\_9400



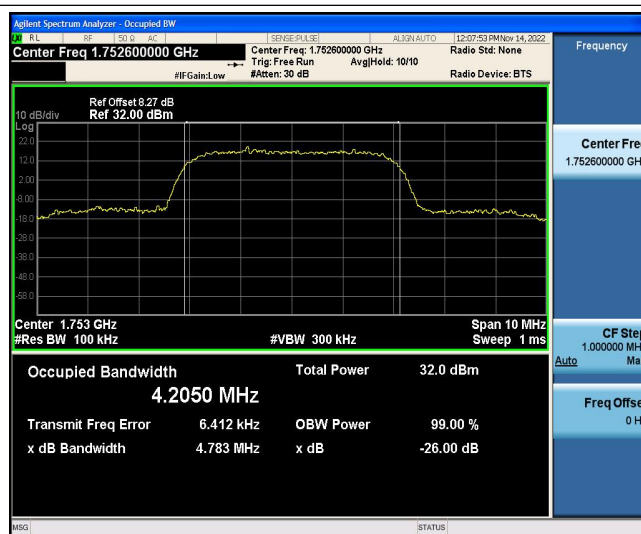
Band II\_9538



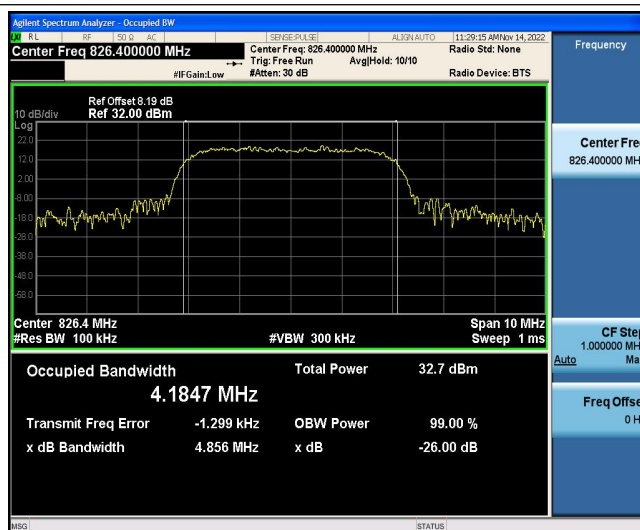
Band IV\_1312



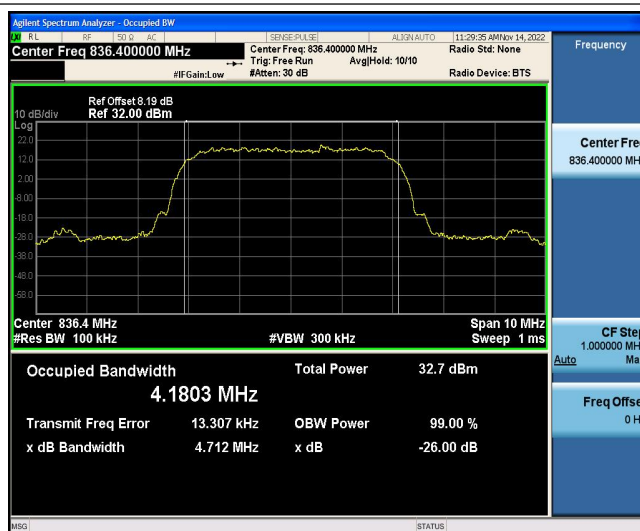
Band IV\_1413



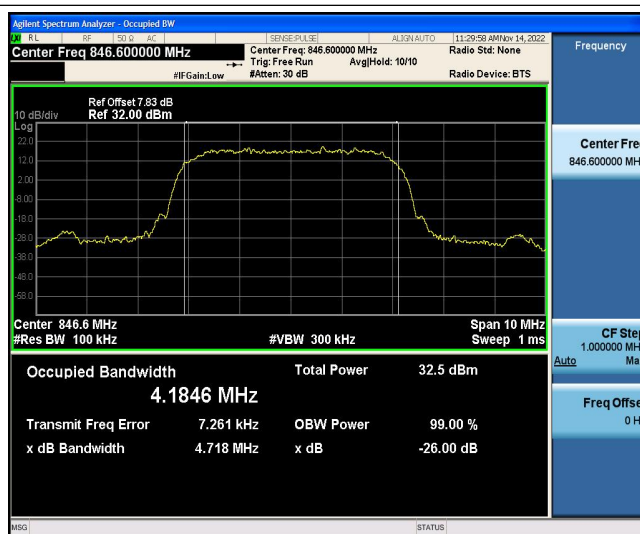
Band IV\_1513



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    | -22.32     | -13        | PASS    |
| Band II | 9538    | -23.05     | -13        | PASS    |
| Band IV | 1312    | -18.08     | -13        | PASS    |
| Band IV | 1513    | -16.96     | -13        | PASS    |
| Band V  | 4132    | -21.63     | -13        | PASS    |
| Band V  | 4233    | -22.27     | -13        | PASS    |

## Test Graphs



Band II\_9262



Band II\_9538



Band IV\_1312



Band IV\_1513



Band V\_4132



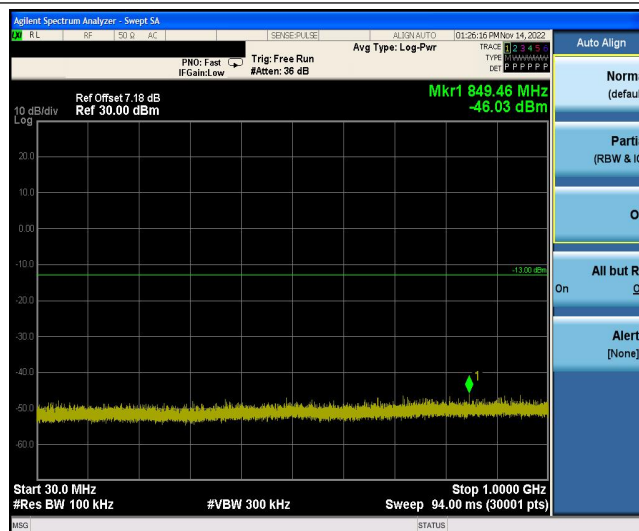
Band V\_4233

## 8.5 Appendix E: Conducted Spurious Emission

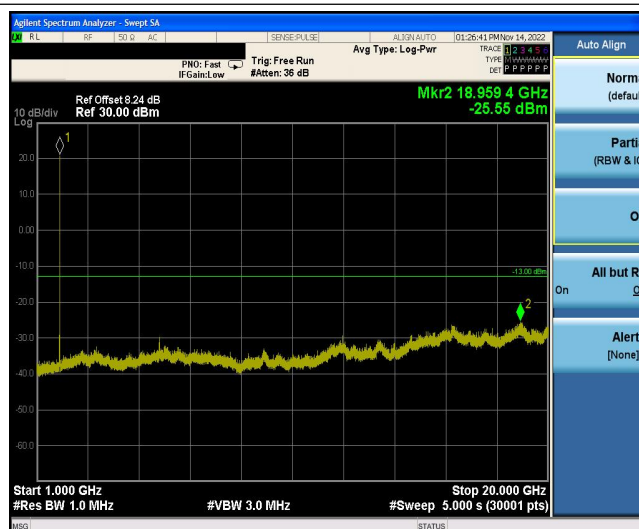
### Test Result

| Band    | Channel | Frequency Rang(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|---------------------|------------|------------|---------|
| Band II | 9262    | 30~1000             | -46.03     | -13        | PASS    |
| Band II | 9262    | 1000~20000          | -25.55     | -13        | PASS    |
| Band II | 9400    | 30~1000             | -46.27     | -13        | PASS    |
| Band II | 9400    | 1000~20000          | -25.89     | -13        | PASS    |
| Band II | 9538    | 30~1000             | -46.63     | -13        | PASS    |
| Band II | 9538    | 1000~20000          | -19.20     | -13        | PASS    |
| Band IV | 1312    | 30~1000             | -46.66     | -13        | PASS    |
| Band IV | 1312    | 1000~20000          | -25.79     | -13        | PASS    |
| Band IV | 1413    | 30~1000             | -46.39     | -13        | PASS    |
| Band IV | 1413    | 1000~20000          | -25.63     | -13        | PASS    |
| Band IV | 1513    | 30~1000             | -46.34     | -13        | PASS    |
| Band IV | 1513    | 1000~20000          | -25.38     | -13        | PASS    |
| Band V  | 4132    | 30~1000             | -46.95     | -13        | PASS    |
| Band V  | 4132    | 1000~10000          | -32.03     | -13        | PASS    |
| Band V  | 4182    | 30~1000             | -46.34     | -13        | PASS    |
| Band V  | 4182    | 1000~10000          | -30.69     | -13        | PASS    |
| Band V  | 4233    | 30~1000             | -46.99     | -13        | PASS    |
| Band V  | 4233    | 1000~10000          | -32.11     | -13        | PASS    |

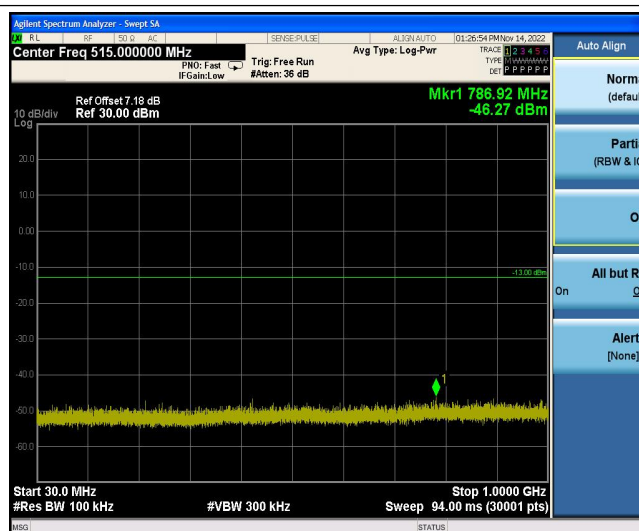
## Test Graphs



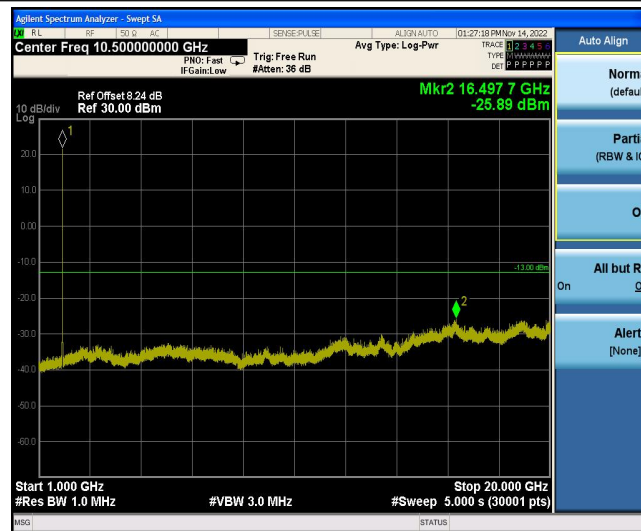
Band II\_9262



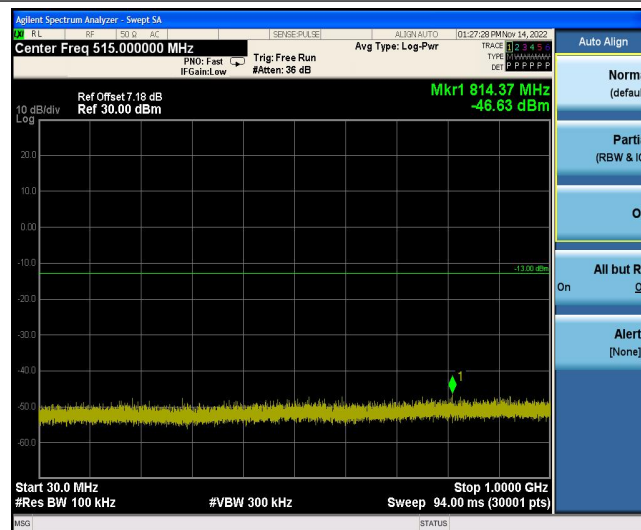
Band II\_9262



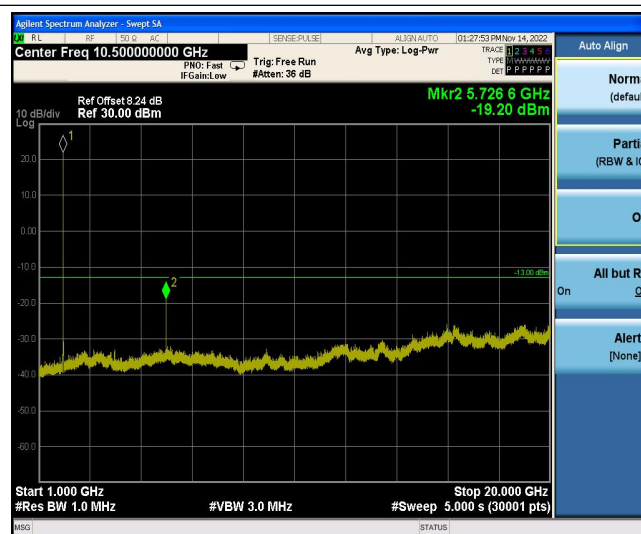
Band II\_9400



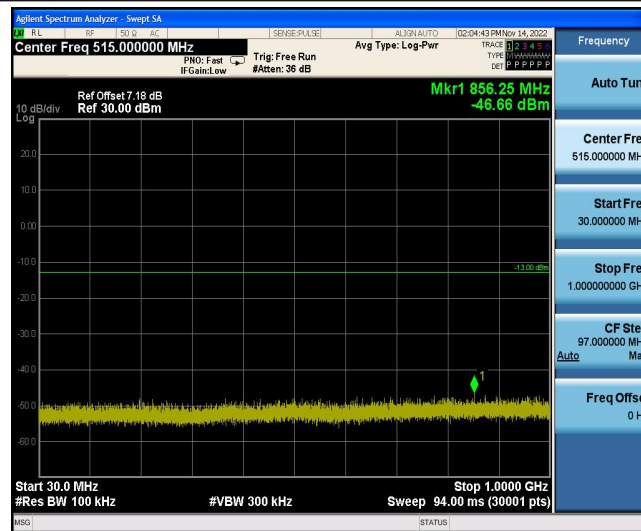
Band II\_9400



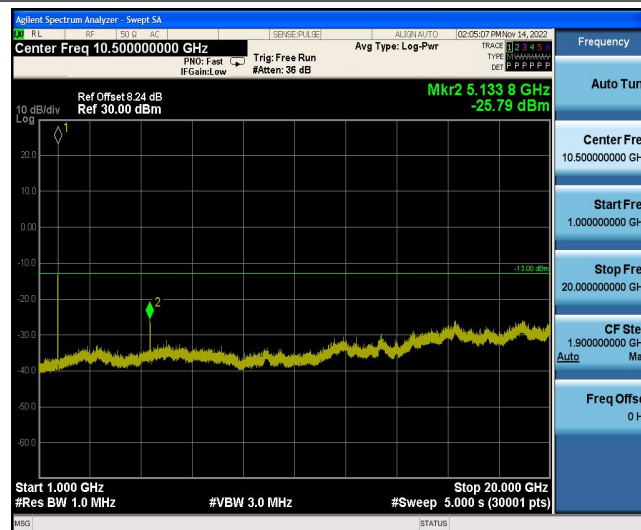
Band II\_9538



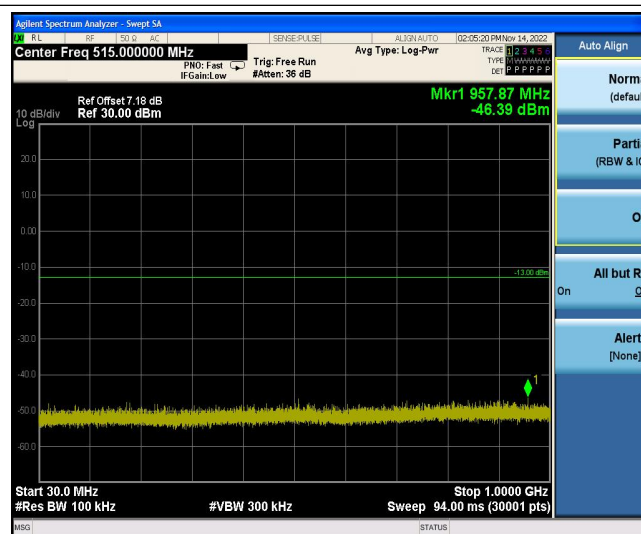
Band II\_9538



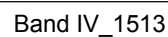
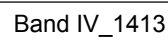
Band IV\_1312

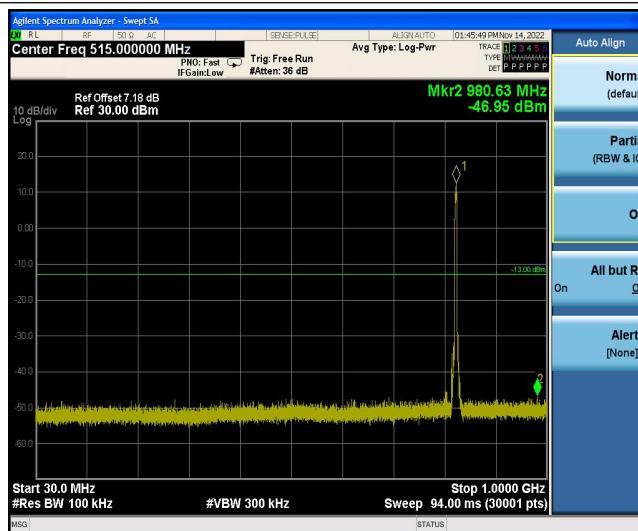


Band IV\_1312

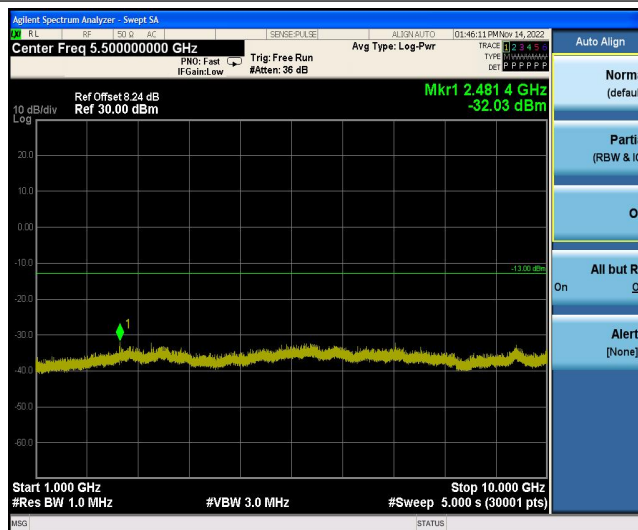


Band IV\_1413

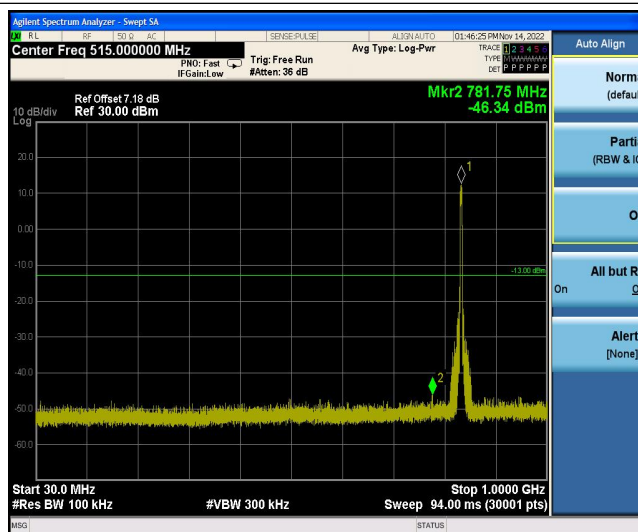




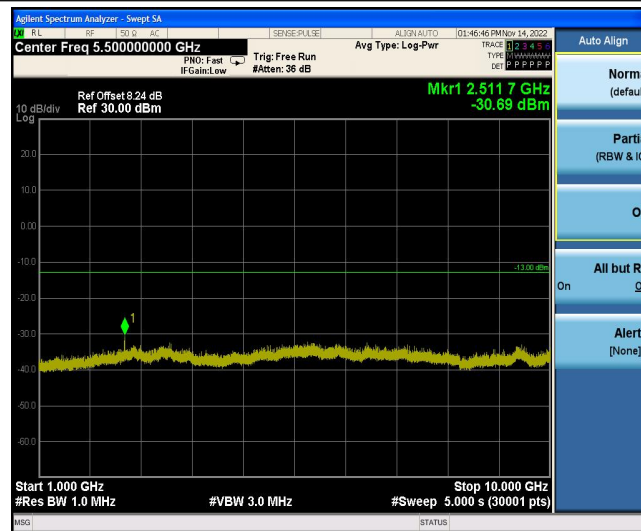
Band V\_4132



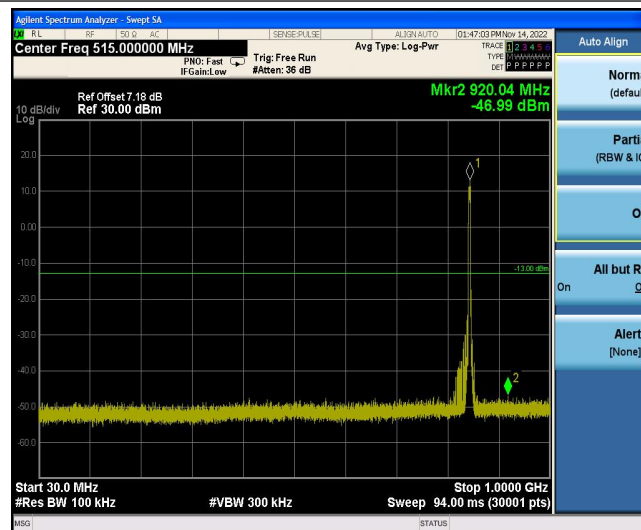
Band V\_4132



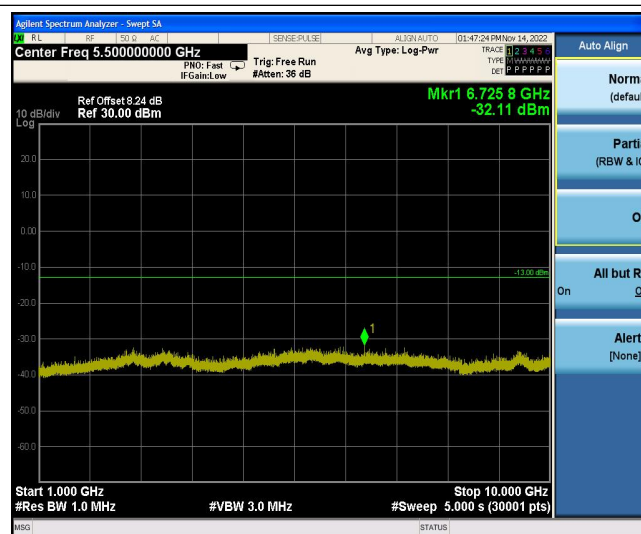
Band V\_4182



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               | -16.29         | -0.008794       | 2.5         | PASS    |
| Band II | 9262    | VN            | TN               | -20.70         | -0.011175       | 2.5         | PASS    |
| Band II | 9262    | VH            | TN               | -15.04         | -0.008119       | 2.5         | PASS    |
| Band II | 9400    | VL            | TN               | -13.29         | -0.007069       | 2.5         | PASS    |
| Band II | 9400    | VN            | TN               | -17.93         | -0.009537       | 2.5         | PASS    |
| Band II | 9400    | VH            | TN               | -9.69          | -0.005154       | 2.5         | PASS    |
| Band II | 9538    | VL            | TN               | -10.91         | -0.005719       | 2.5         | PASS    |
| Band II | 9538    | VN            | TN               | -13.96         | -0.007318       | 2.5         | PASS    |
| Band II | 9538    | VH            | TN               | -10.37         | -0.005436       | 2.5         | PASS    |
| Band IV | 1312    | VL            | TN               | -11.19         | -0.006535       | 2.5         | PASS    |
| Band IV | 1312    | VN            | TN               | -9.38          | -0.005478       | 2.5         | PASS    |
| Band IV | 1312    | VH            | TN               | -10.38         | -0.006062       | 2.5         | PASS    |
| Band IV | 1413    | VL            | TN               | -6.82          | -0.003936       | 2.5         | PASS    |
| Band IV | 1413    | VN            | TN               | -5.08          | -0.002932       | 2.5         | PASS    |
| Band IV | 1413    | VH            | TN               | -7.90          | -0.004560       | 2.5         | PASS    |
| Band IV | 1513    | VL            | TN               | -11.06         | -0.006311       | 2.5         | PASS    |
| Band IV | 1513    | VN            | TN               | -12.56         | -0.007166       | 2.5         | PASS    |
| Band IV | 1513    | VH            | TN               | -10.59         | -0.006042       | 2.5         | PASS    |
| Band V  | 4132    | VL            | TN               | -11.20         | -0.013553       | 2.5         | PASS    |
| Band V  | 4132    | VN            | TN               | -10.51         | -0.012718       | 2.5         | PASS    |
| Band V  | 4132    | VH            | TN               | -13.51         | -0.016348       | 2.5         | PASS    |
| Band V  | 4182    | VL            | TN               | -8.43          | -0.010079       | 2.5         | PASS    |
| Band V  | 4182    | VN            | TN               | -11.13         | -0.013307       | 2.5         | PASS    |
| Band V  | 4182    | VH            | TN               | -10.69         | -0.012781       | 2.5         | PASS    |
| Band V  | 4233    | VL            | TN               | -9.09          | -0.010737       | 2.5         | PASS    |
| Band V  | 4233    | VN            | TN               | -12.02         | -0.014198       | 2.5         | PASS    |
| Band V  | 4233    | VH            | TN               | -11.31         | -0.013359       | 2.5         | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II     | 9262    | VN            | -30              | -16.01         | -0.008643       | 2.5         | PASS    |
| Band II     | 9262    | VN            | -20              | -18.37         | -0.009917       | 2.5         | PASS    |
| Band II     | 9262    | VN            | -10              | -15.18         | -0.008195       | 2.5         | PASS    |
| Band II     | 9262    | VN            | 0                | -19.71         | -0.010640       | 2.5         | PASS    |
| Band II     | 9262    | VN            | 10               | -11.74         | -0.006338       | 2.5         | PASS    |
| Band II     | 9262    | VN            | 20               | -12.73         | -0.006872       | 2.5         | PASS    |
| Band II     | 9262    | VN            | 30               | -17.89         | -0.009658       | 2.5         | PASS    |
| Band II     | 9262    | VN            | 40               | -10.40         | -0.005614       | 2.5         | PASS    |
| Band II     | 9262    | VN            | 50               | -10.22         | -0.005517       | 2.5         | PASS    |
| Band II     | 9400    | VN            | -30              | -12.27         | -0.006527       | 2.5         | PASS    |
| Band II     | 9400    | VN            | -20              | -12.97         | -0.006899       | 2.5         | PASS    |
| Band II     | 9400    | VN            | -10              | -6.57          | -0.003495       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 0                | -20.61         | -0.010963       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 10               | -17.83         | -0.009484       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 20               | -12.40         | -0.006596       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 30               | -16.84         | -0.008957       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 40               | -15.14         | -0.008053       | 2.5         | PASS    |
| Band II     | 9400    | VN            | 50               | -9.22          | -0.004904       | 2.5         | PASS    |
| Band II     | 9538    | VN            | -30              | -9.06          | -0.004749       | 2.5         | PASS    |
| Band II     | 9538    | VN            | -20              | -12.62         | -0.006616       | 2.5         | PASS    |
| Band II     | 9538    | VN            | -10              | -14.23         | -0.007460       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 0                | -9.55          | -0.005006       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 10               | -12.72         | -0.006668       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 20               | -9.04          | -0.004739       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 30               | -16.59         | -0.008697       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 40               | -5.41          | -0.002836       | 2.5         | PASS    |
| Band II     | 9538    | VN            | 50               | -9.89          | -0.005185       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | -30              | -9.34          | -0.005454       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | -20              | -12.40         | -0.007241       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | -10              | -7.60          | -0.004438       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 0                | -9.85          | -0.005752       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 10               | -9.91          | -0.005787       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 20               | -11.02         | -0.006435       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 30               | -15.69         | -0.009163       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 40               | -9.80          | -0.005723       | 2.5         | PASS    |
| Band IV     | 1312    | VN            | 50               | -10.31         | -0.006021       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | -30              | -8.70          | -0.005021       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | -20              | -10.86         | -0.006268       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | -10              | -6.91          | -0.003988       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 0                | -5.79          | -0.003342       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 10               | -8.13          | -0.004692       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 20               | -15.26         | -0.008808       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 30               | -8.81          | -0.005085       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 40               | -10.28         | -0.005933       | 2.5         | PASS    |
| Band IV     | 1413    | VN            | 50               | -10.56         | -0.006095       | 2.5         | PASS    |
| Band IV     | 1513    | VN            | -30              | -12.42         | -0.007087       | 2.5         | PASS    |

|         |      |    |     |        |           |     |      |
|---------|------|----|-----|--------|-----------|-----|------|
| Band IV | 1513 | VN | -20 | -12.77 | -0.007286 | 2.5 | PASS |
| Band IV | 1513 | VN | -10 | -6.86  | -0.003914 | 2.5 | PASS |
| Band IV | 1513 | VN | 0   | -12.10 | -0.006904 | 2.5 | PASS |
| Band IV | 1513 | VN | 10  | -6.29  | -0.003589 | 2.5 | PASS |
| Band IV | 1513 | VN | 20  | -8.45  | -0.004821 | 2.5 | PASS |
| Band IV | 1513 | VN | 30  | -12.43 | -0.007092 | 2.5 | PASS |
| Band IV | 1513 | VN | 40  | -8.31  | -0.004742 | 2.5 | PASS |
| Band IV | 1513 | VN | 50  | -7.65  | -0.004365 | 2.5 | PASS |
| Band V  | 4132 | VN | -30 | -6.82  | -0.008253 | 2.5 | PASS |
| Band V  | 4132 | VN | -20 | -8.65  | -0.010467 | 2.5 | PASS |
| Band V  | 4132 | VN | -10 | -12.72 | -0.015392 | 2.5 | PASS |
| Band V  | 4132 | VN | 0   | -9.32  | -0.011278 | 2.5 | PASS |
| Band V  | 4132 | VN | 10  | -5.61  | -0.006788 | 2.5 | PASS |
| Band V  | 4132 | VN | 20  | -7.07  | -0.008555 | 2.5 | PASS |
| Band V  | 4132 | VN | 30  | -6.45  | -0.007805 | 2.5 | PASS |
| Band V  | 4132 | VN | 40  | -9.97  | -0.012064 | 2.5 | PASS |
| Band V  | 4132 | VN | 50  | -10.71 | -0.012960 | 2.5 | PASS |
| Band V  | 4182 | VN | -30 | -12.76 | -0.015256 | 2.5 | PASS |
| Band V  | 4182 | VN | -20 | -11.52 | -0.013773 | 2.5 | PASS |
| Band V  | 4182 | VN | -10 | -11.40 | -0.013630 | 2.5 | PASS |
| Band V  | 4182 | VN | 0   | -7.79  | -0.009314 | 2.5 | PASS |
| Band V  | 4182 | VN | 10  | -2.89  | -0.003455 | 2.5 | PASS |
| Band V  | 4182 | VN | 20  | -7.75  | -0.009266 | 2.5 | PASS |
| Band V  | 4182 | VN | 30  | -10.94 | -0.013080 | 2.5 | PASS |
| Band V  | 4182 | VN | 40  | -8.31  | -0.009935 | 2.5 | PASS |
| Band V  | 4182 | VN | 50  | -8.90  | -0.010641 | 2.5 | PASS |
| Band V  | 4233 | VN | -30 | -9.57  | -0.011304 | 2.5 | PASS |
| Band V  | 4233 | VN | -20 | -9.36  | -0.011056 | 2.5 | PASS |
| Band V  | 4233 | VN | -10 | -12.71 | -0.015013 | 2.5 | PASS |
| Band V  | 4233 | VN | 0   | -10.21 | -0.012060 | 2.5 | PASS |
| Band V  | 4233 | VN | 10  | -11.59 | -0.013690 | 2.5 | PASS |
| Band V  | 4233 | VN | 20  | -9.78  | -0.011552 | 2.5 | PASS |
| Band V  | 4233 | VN | 30  | -7.38  | -0.008717 | 2.5 | PASS |
| Band V  | 4233 | VN | 40  | -6.36  | -0.007512 | 2.5 | PASS |
| Band V  | 4233 | VN | 50  | -8.75  | -0.010335 | 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 | WCDMA | 22.48                 | -1.50              | 20.98 | 0.1253 | 2         | PASS    |
|         | HSDPA | 20.75                 | -1.50              | 19.25 | 0.0841 | 2         | PASS    |
|         | HSUPA | 21.24                 | -1.50              | 19.74 | 0.0942 | 2         | PASS    |
| Band IV | WCDMA | 21.96                 | -1.80              | 20.16 | 0.1038 | 1         | PASS    |
|         | HSDPA | 19.91                 | -1.80              | 18.11 | 0.0647 | 1         | PASS    |
|         | HSUPA | 19.68                 | -1.80              | 17.88 | 0.0614 | 1         | PASS    |

| Band   | Mode  | Conducted Power (dBm) | Antenna Gain (dBi) | ERP   |        | Limit (W) | Verdict |
|--------|-------|-----------------------|--------------------|-------|--------|-----------|---------|
|        |       |                       |                    | (dBm) | (W)    |           |         |
| Band V | WCDMA | 23.25                 | -2.50              | 18.60 | 0.0724 | 7         | PASS    |
|        | HSDPA | 23.69                 | -2.50              | 19.04 | 0.0802 | 7         | PASS    |
|        | HSUPA | 22.23                 | -2.50              | 17.58 | 0.0573 | 7         | PASS    |

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