

## Appendix B: Test Results

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### Appendix B.1: Test Results of Conducted Power Spectral Density

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | 6.34                 | ≤8.00           | PASS    |
|           | Ant2    | 2412    | 6.22                 | ≤8.00           | PASS    |
|           | total   | ----    | ----                 | ----            | ----    |
|           | Ant1    | 2437    | 2.6                  | ≤8.00           | PASS    |
|           | Ant2    | 2437    | 3.9                  | ≤8.00           | PASS    |
|           | total   | ----    | ----                 | ----            | ----    |
|           | Ant1    | 2462    | 6.01                 | ≤8.00           | PASS    |
|           | Ant2    | 2462    | 6.44                 | ≤8.00           | PASS    |
|           | total   | ----    | ----                 | ----            | ----    |
| 11G       | Ant1    | 2412    | -11.46               | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -10.92               | ≤8.00           | PASS    |
|           | total   | ----    | ----                 | ----            | ----    |
|           | Ant1    | 2437    | -12.38               | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -11.85               | ≤8.00           | PASS    |
|           | total   | ----    | ----                 | ----            | ----    |
|           | Ant1    | 2462    | -10.96               | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -11.06               | ≤8.00           | PASS    |
|           | total   | ----    | ----                 | ----            | ----    |
| 11N20MIMO | Ant1    | 2412    | -9.71                | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -9.45                | ≤8.00           | PASS    |
|           | total   | 2412    | -6.57                | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -12.16               | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -10.11               | ≤8.00           | PASS    |
|           | total   | 2437    | -8.00                | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -9.85                | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -8.93                | ≤8.00           | PASS    |
|           | total   | 2462    | -6.36                | ≤8.00           | PASS    |
| 11N40MIMO | Ant1    | 2422    | -12.51               | ≤8.00           | PASS    |
|           | Ant2    | 2422    | -12.79               | ≤8.00           | PASS    |
|           | total   | 2422    | -9.64                | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -13.61               | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -12.4                | ≤8.00           | PASS    |
|           | total   | 2437    | -9.95                | ≤8.00           | PASS    |
|           | Ant1    | 2452    | -12.73               | ≤8.00           | PASS    |
|           | Ant2    | 2452    | -13.84               | ≤8.00           | PASS    |
|           | total   | 2452    | -10.24               | ≤8.00           | PASS    |

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11B\_Ant2\_2412



11B\_Ant1\_2437



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11B\_Ant2\_2437



11B\_Ant1\_2462



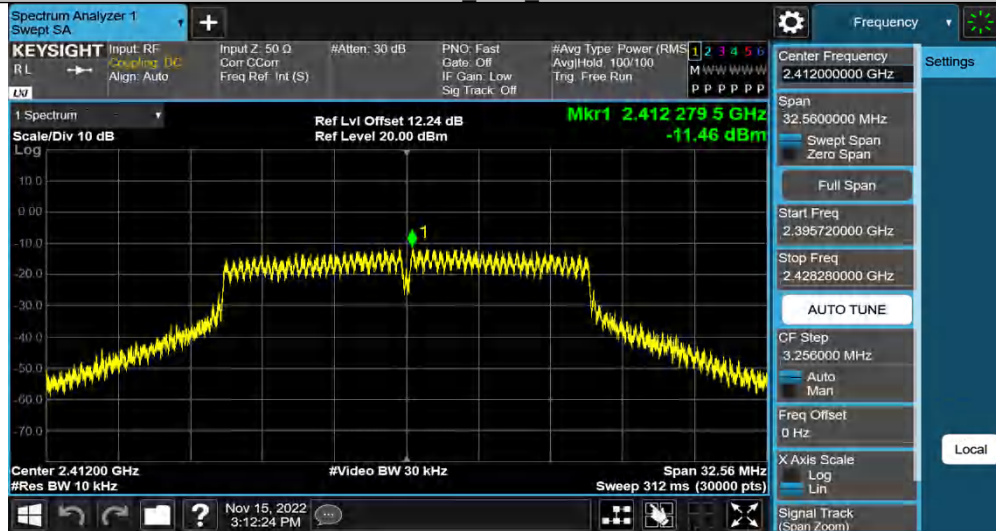
11B\_Ant2\_2462



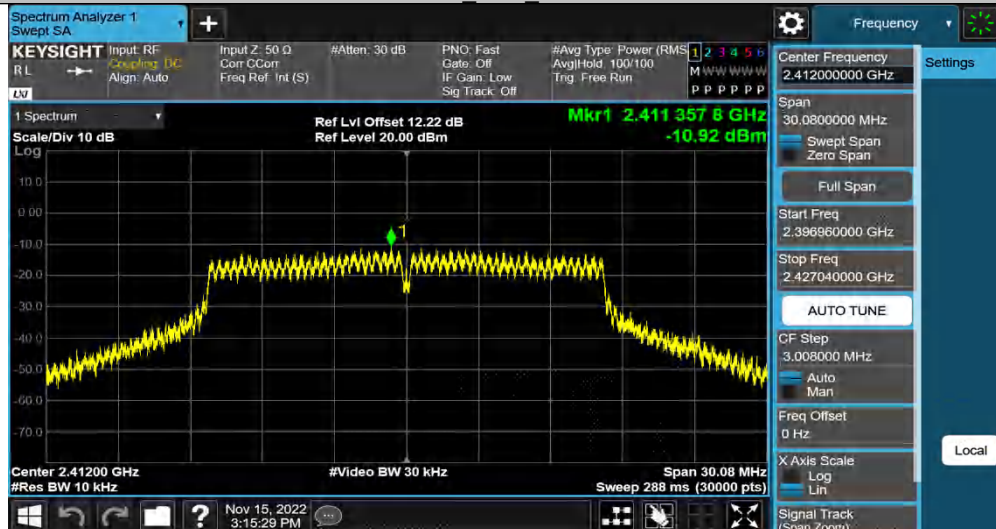
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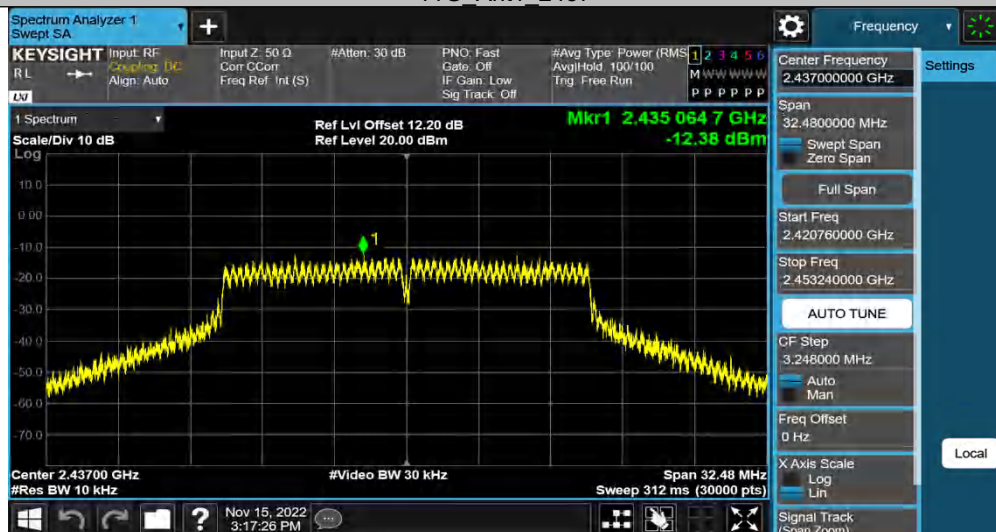
11G\_Ant1\_2412



11G\_Ant2\_2412



11G\_Ant1\_2437



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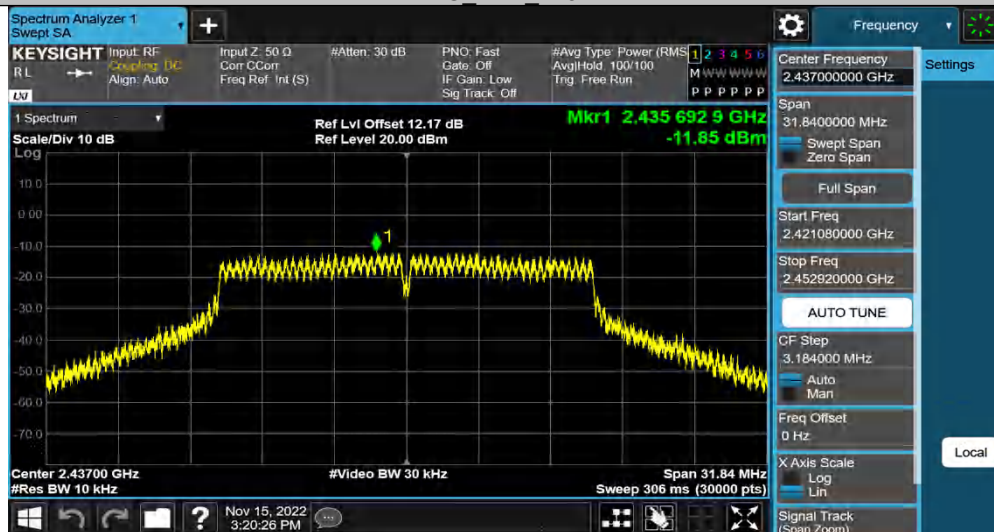


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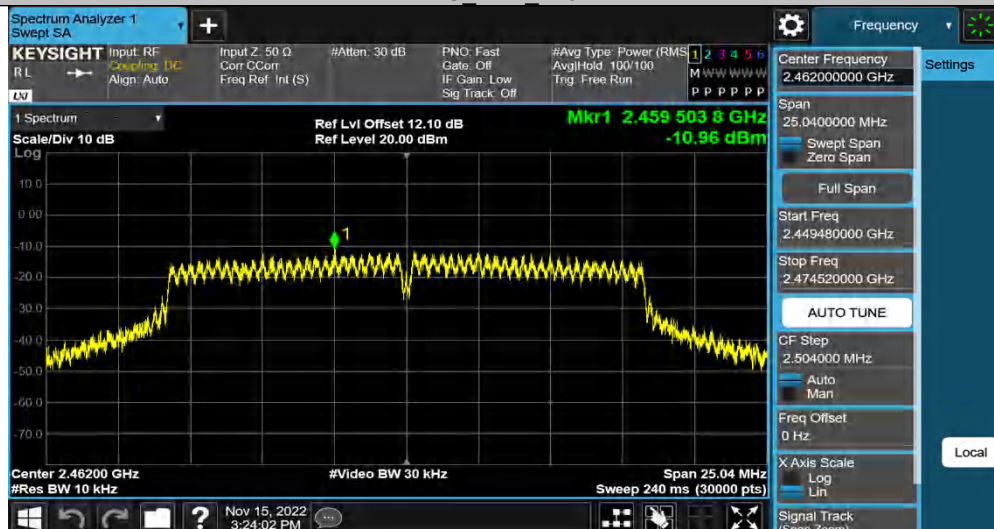
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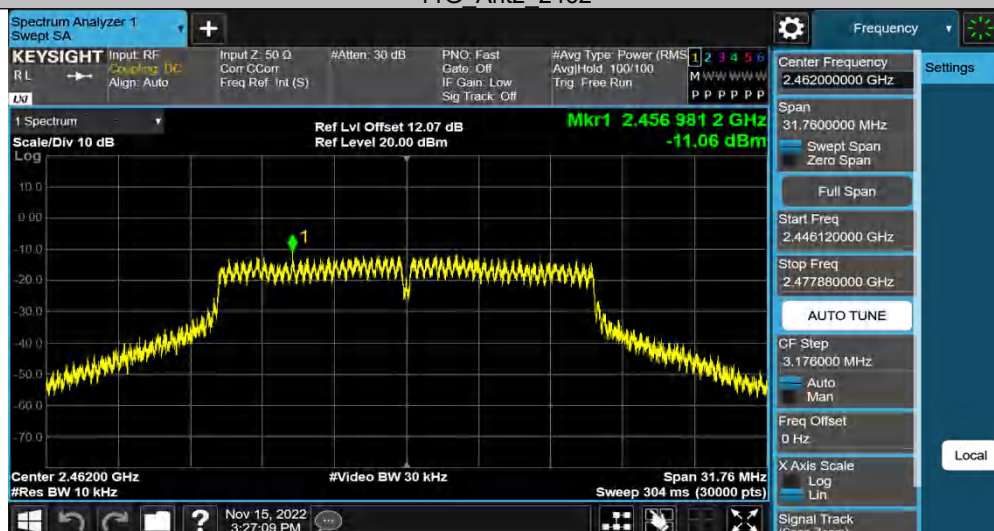
11G\_Ant2\_2437



11G\_Ant1\_2462



11G\_Ant2\_2462



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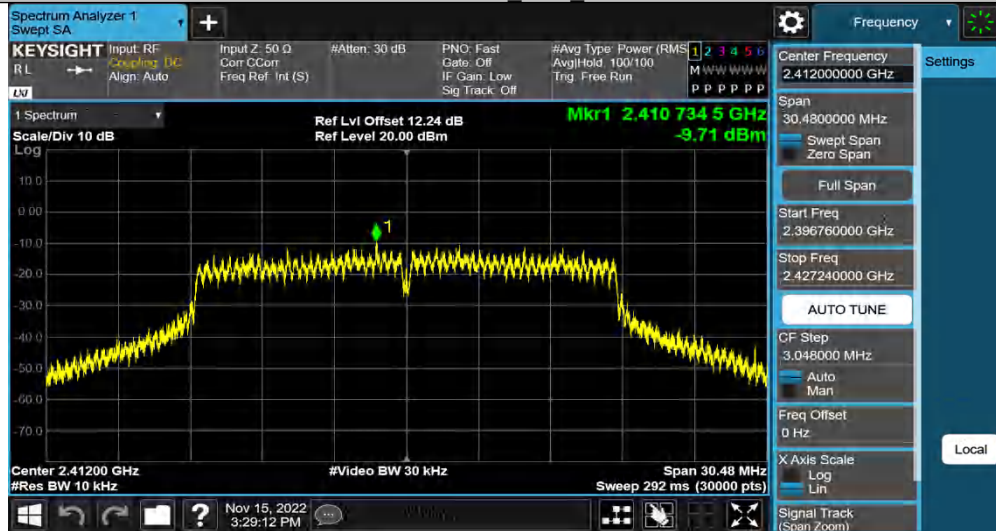


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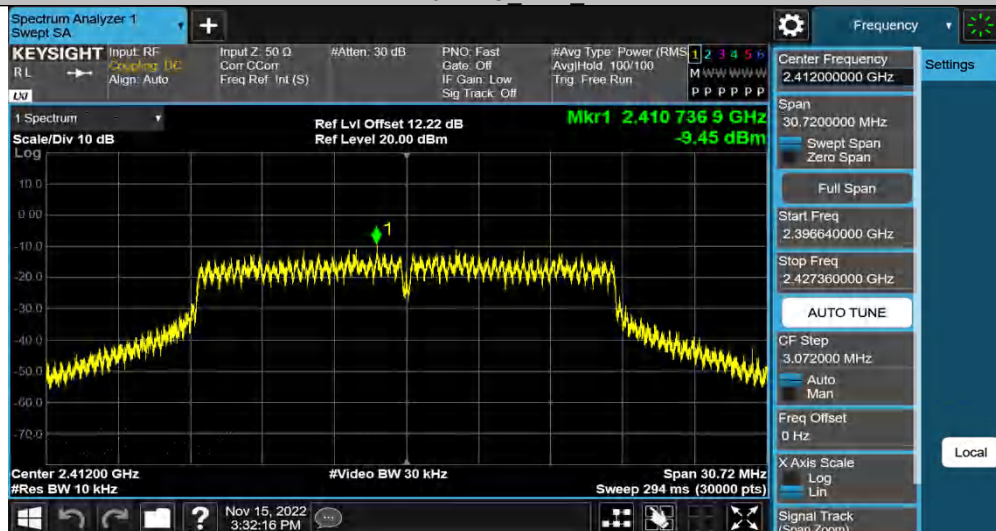
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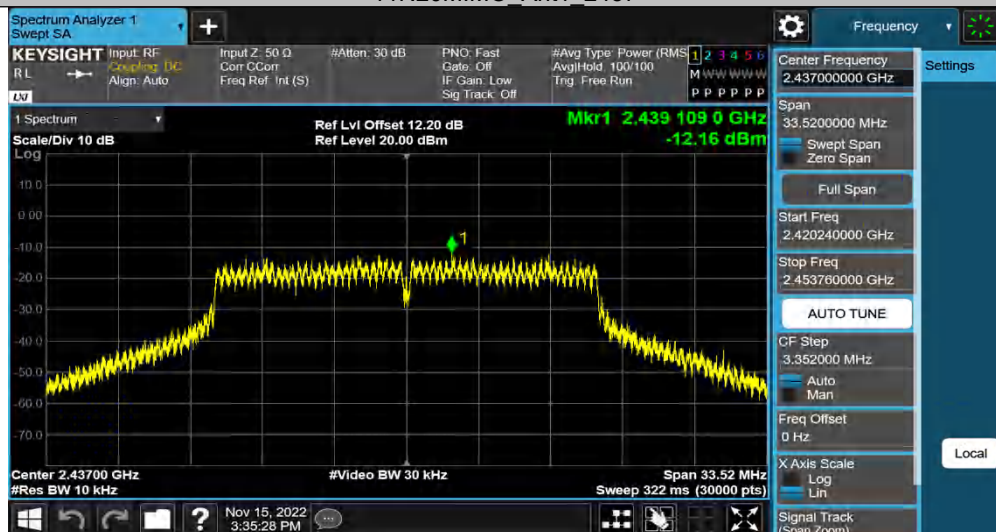
11N20MIMO Ant1 2412



11N20MIMO Ant2 2412



11N20MIMO Ant1 2437



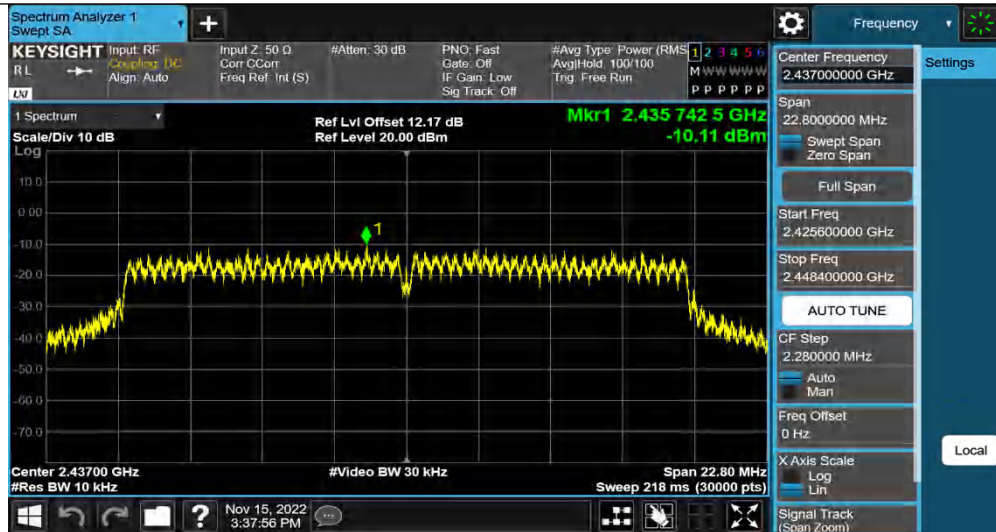
11N20MIMO Ant2 2437

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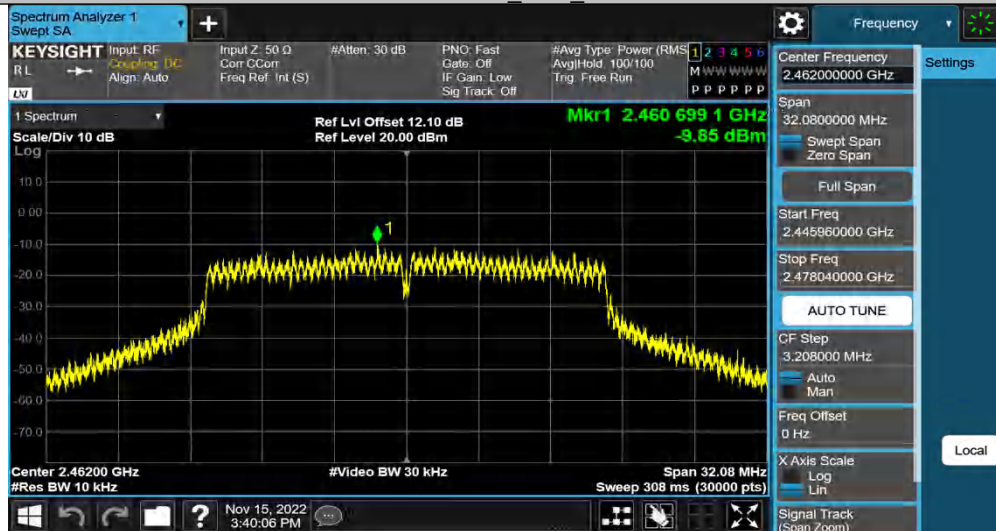


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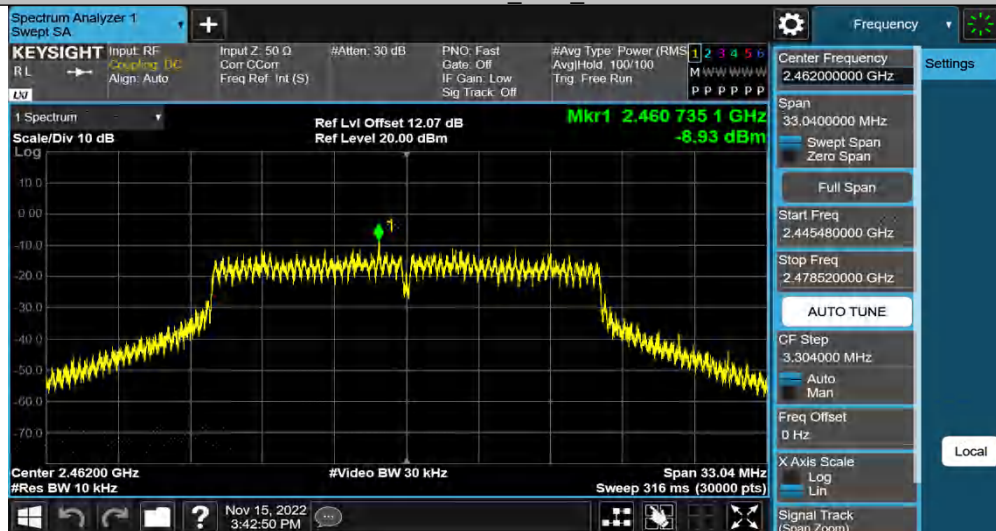
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11N20MIMO Ant2 2462

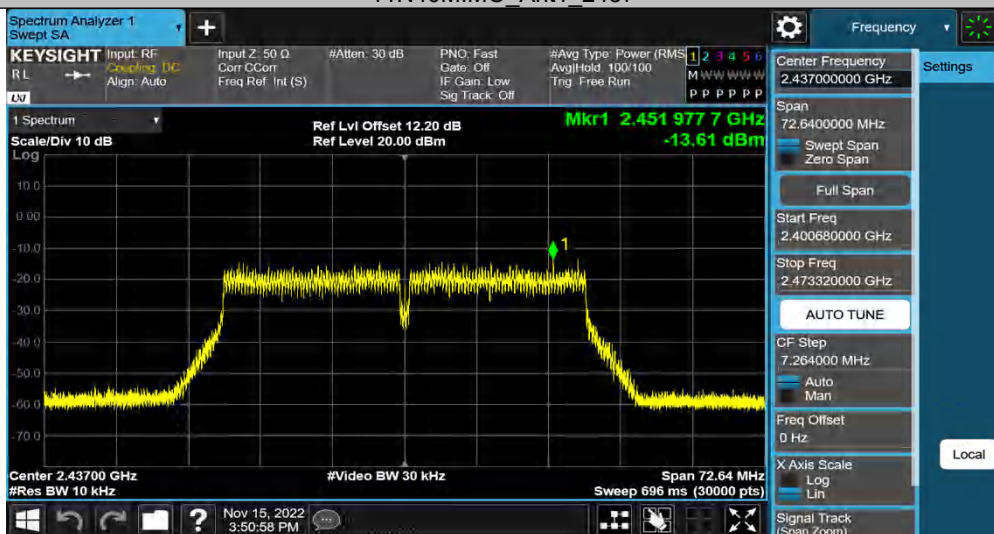
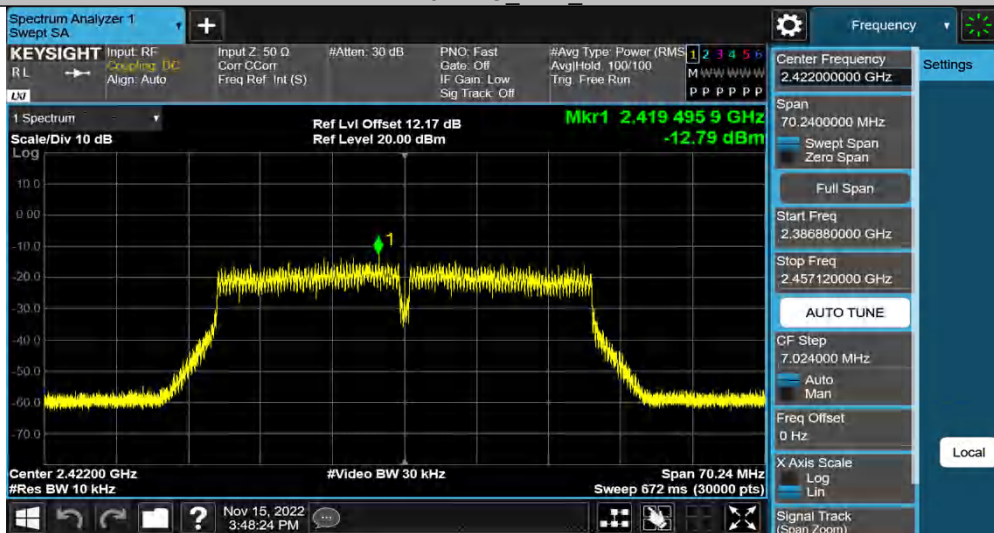
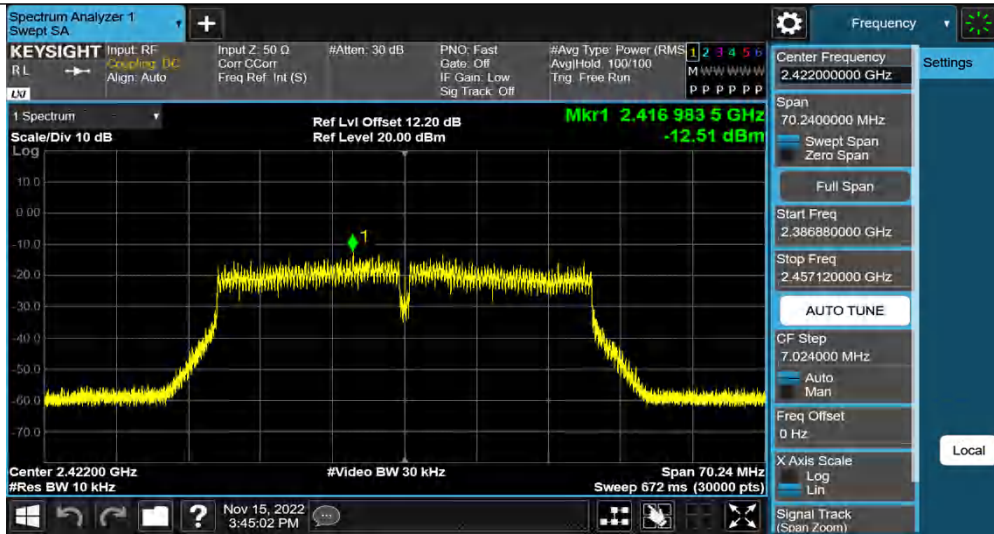


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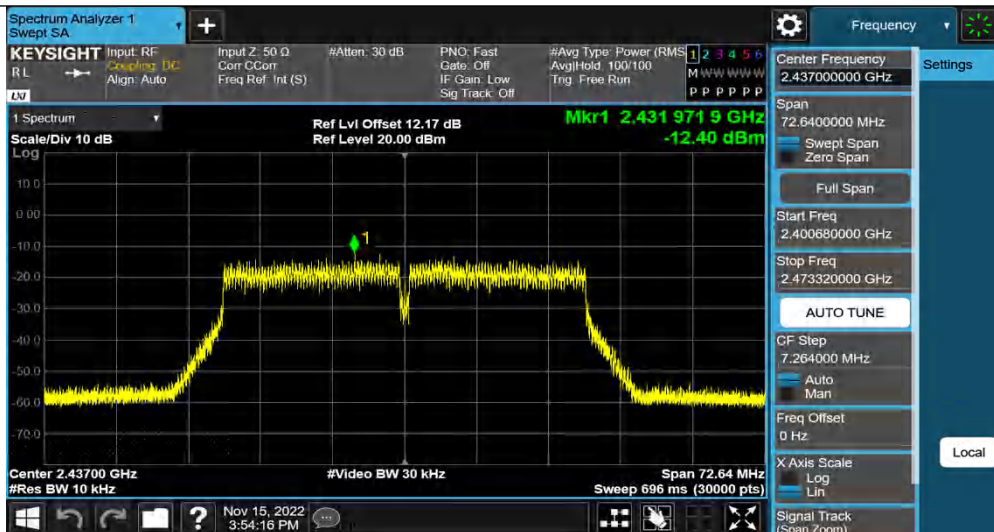
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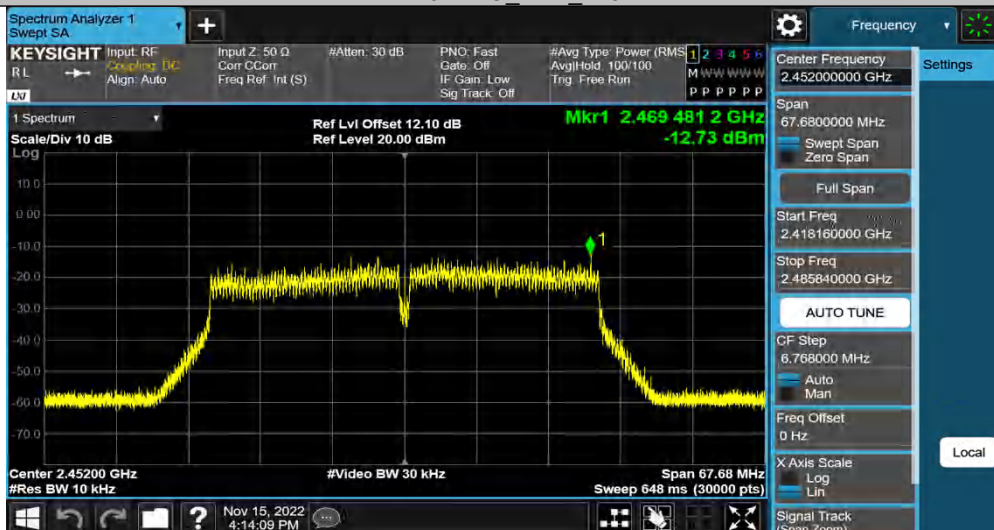
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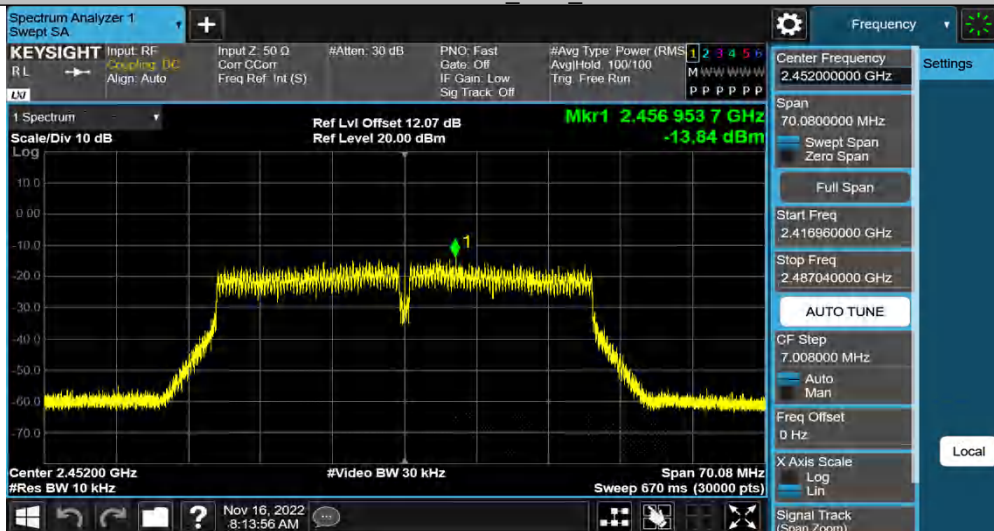
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#### Appendix B.2: Test Results of 6dB Bandwidth

| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 7.600        | 2407.960 | 2415.560 | 0.5        | PASS    |
|           | Ant2    | 2412    | 8.480        | 2408.040 | 2416.520 | 0.5        | PASS    |
|           | Ant1    | 2437    | 8.080        | 2432.960 | 2441.040 | 0.5        | PASS    |
|           | Ant2    | 2437    | 9.080        | 2432.440 | 2441.520 | 0.5        | PASS    |
|           | Ant1    | 2462    | 8.080        | 2457.960 | 2466.040 | 0.5        | PASS    |
|           | Ant2    | 2462    | 8.080        | 2457.960 | 2466.040 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 16.280       | 2403.840 | 2420.120 | 0.5        | PASS    |
|           | Ant2    | 2412    | 15.040       | 2404.480 | 2419.520 | 0.5        | PASS    |
|           | Ant1    | 2437    | 16.240       | 2428.880 | 2445.120 | 0.5        | PASS    |
|           | Ant2    | 2437    | 15.920       | 2428.880 | 2444.800 | 0.5        | PASS    |
|           | Ant1    | 2462    | 16.360       | 2453.800 | 2470.160 | 0.5        | PASS    |
|           | Ant2    | 2462    | 15.040       | 2454.400 | 2469.440 | 0.5        | PASS    |
| 11N20MIMO | Ant1    | 2412    | 15.240       | 2404.480 | 2419.720 | 0.5        | PASS    |
|           | Ant2    | 2412    | 15.360       | 2404.120 | 2419.480 | 0.5        | PASS    |
|           | Ant1    | 2437    | 15.960       | 2429.400 | 2445.360 | 0.5        | PASS    |
|           | Ant2    | 2437    | 16.920       | 2428.480 | 2445.400 | 0.5        | PASS    |
|           | Ant1    | 2462    | 16.040       | 2454.080 | 2470.120 | 0.5        | PASS    |
|           | Ant2    | 2462    | 16.520       | 2453.600 | 2470.120 | 0.5        | PASS    |
| 11N40MIMO | Ant1    | 2422    | 35.120       | 2404.400 | 2439.520 | 0.5        | PASS    |
|           | Ant2    | 2422    | 35.120       | 2404.400 | 2439.520 | 0.5        | PASS    |
|           | Ant1    | 2437    | 36.320       | 2418.840 | 2455.160 | 0.5        | PASS    |
|           | Ant2    | 2437    | 36.320       | 2418.840 | 2455.160 | 0.5        | PASS    |
|           | Ant1    | 2452    | 35.040       | 2434.480 | 2469.520 | 0.5        | PASS    |
|           | Ant2    | 2452    | 35.040       | 2434.480 | 2469.520 | 0.5        | PASS    |

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## 11B\_Ant1\_2412



## 11B\_Ant2\_2412



## 11B\_Ant1\_2437

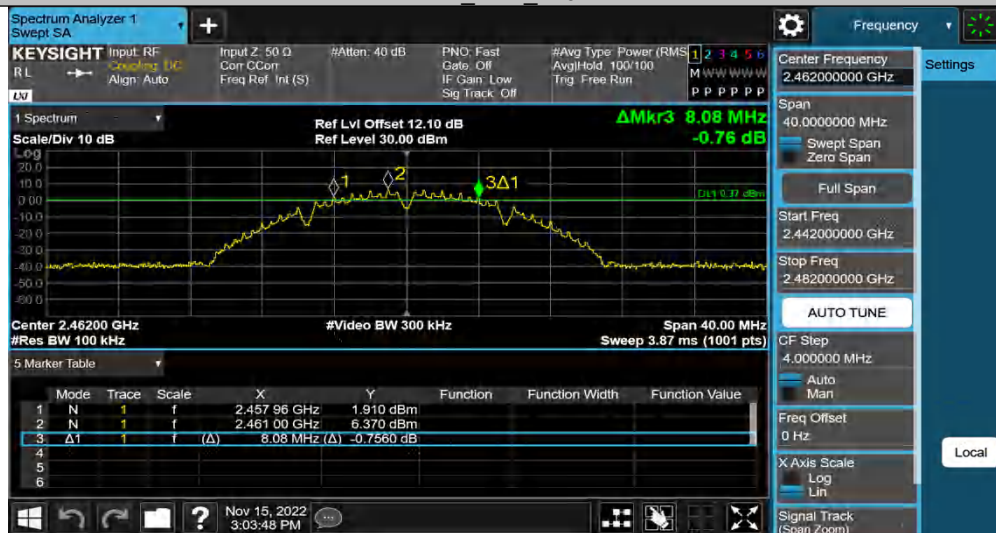
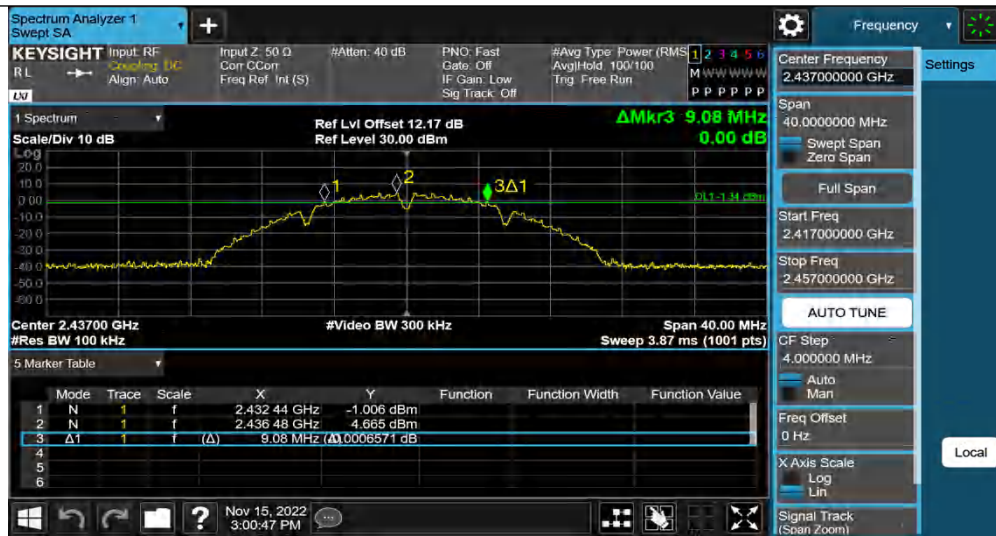


## 11B\_Ant2\_2437

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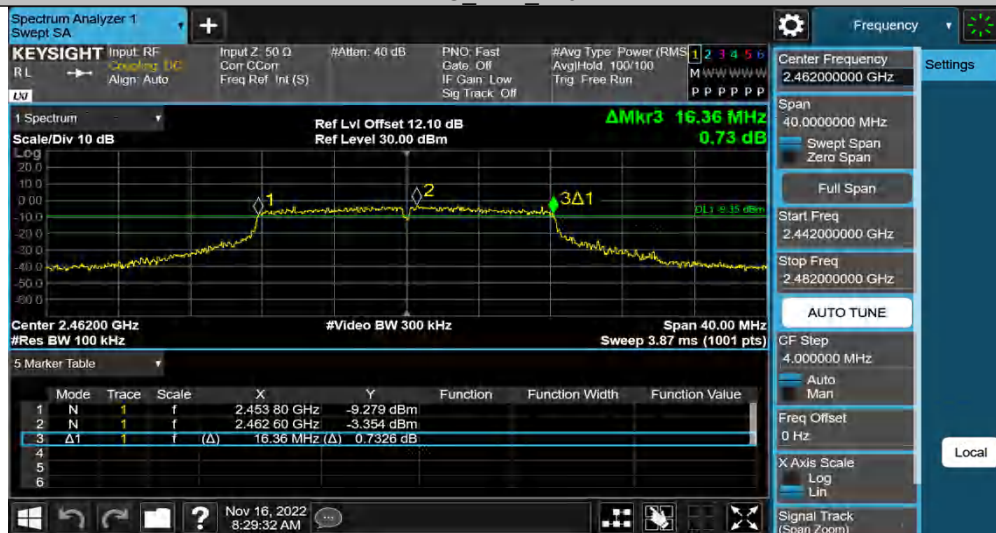


11G\_Ant1\_2437



11G\_Ant2\_2437

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11N20MIMO Ant2 2462



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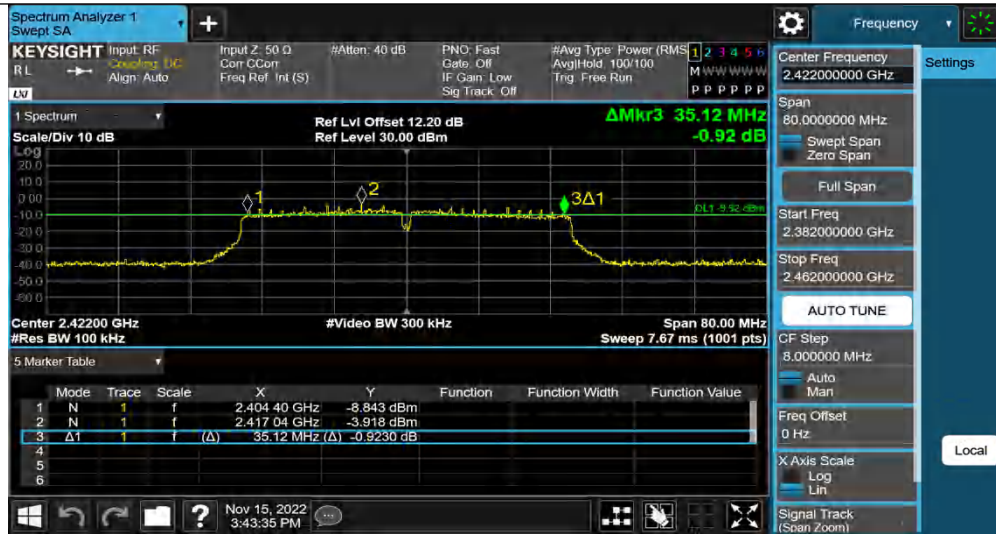
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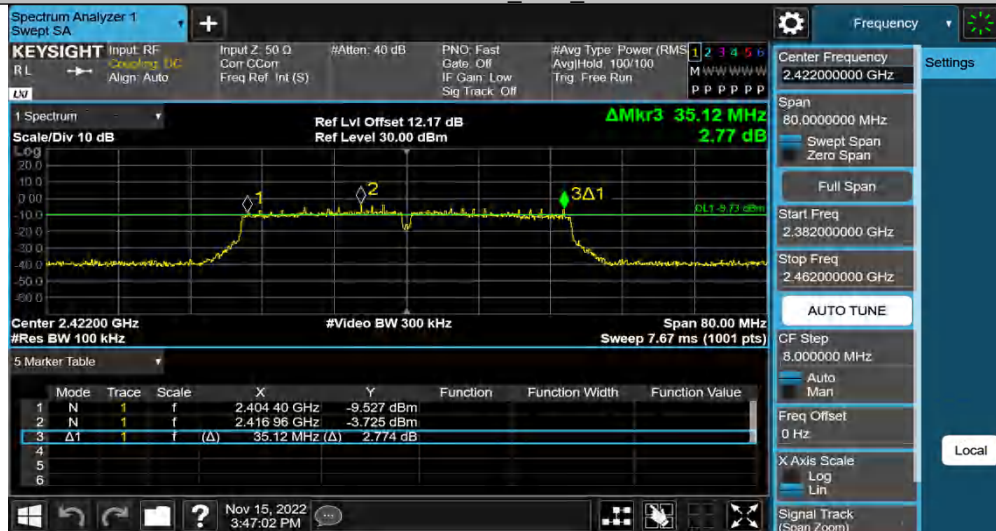
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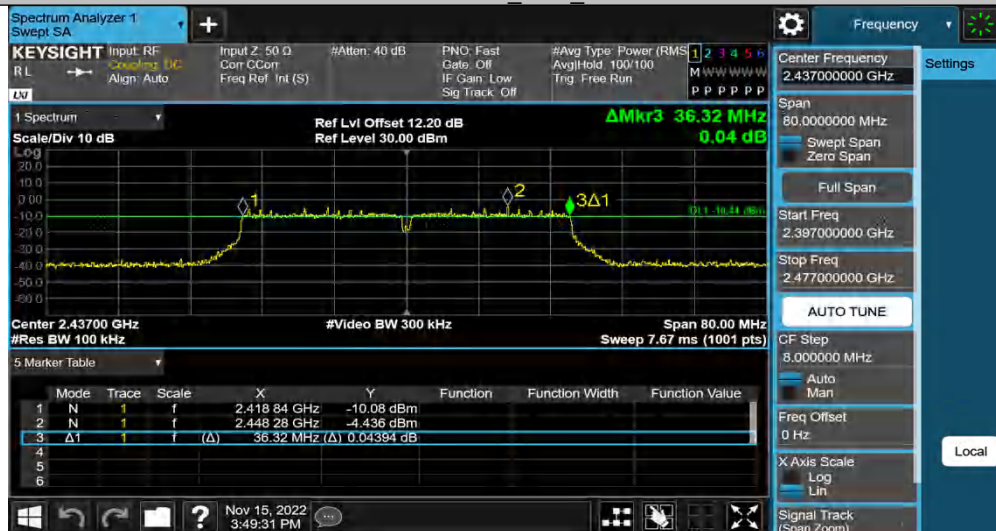
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11N40MIMO Ant1 2437



11N40MIMO Ant2 2437

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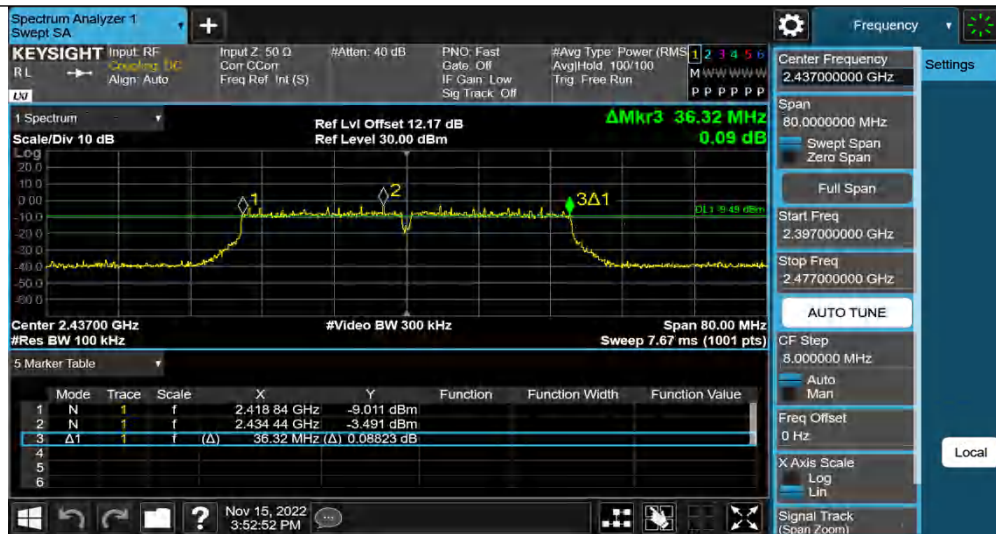
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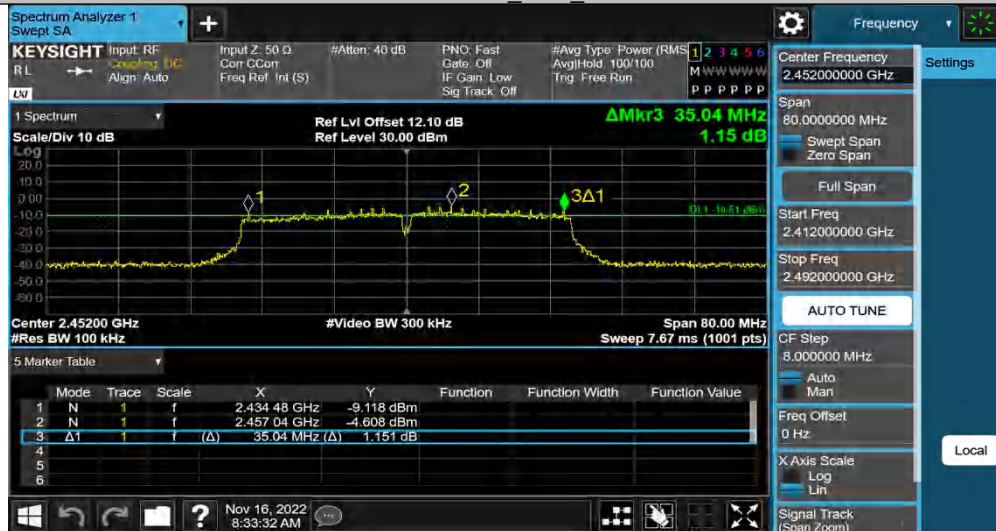
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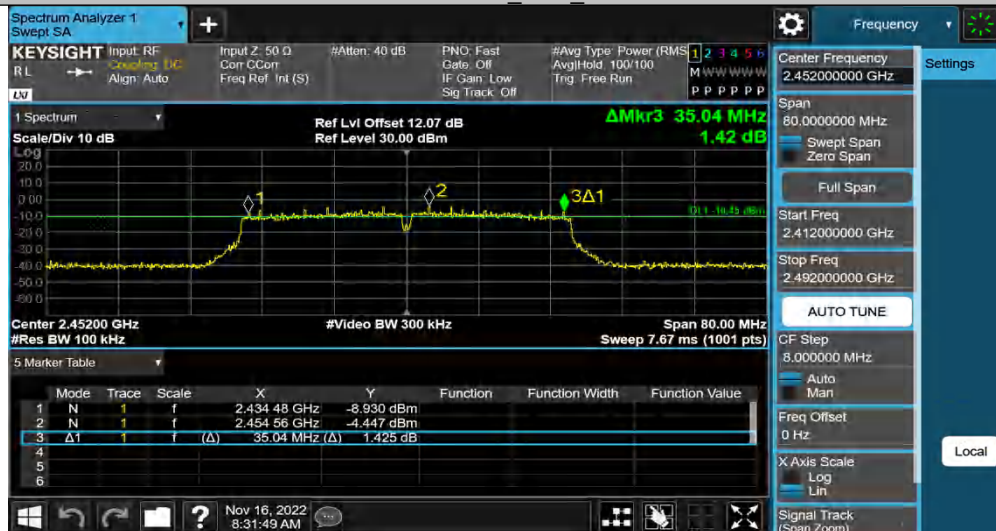
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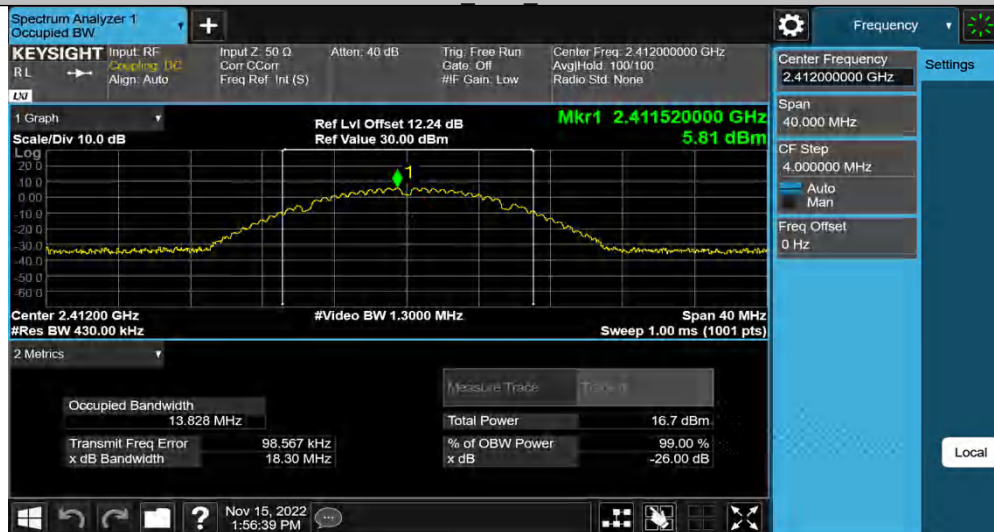
11N40MIMO Ant2 2452



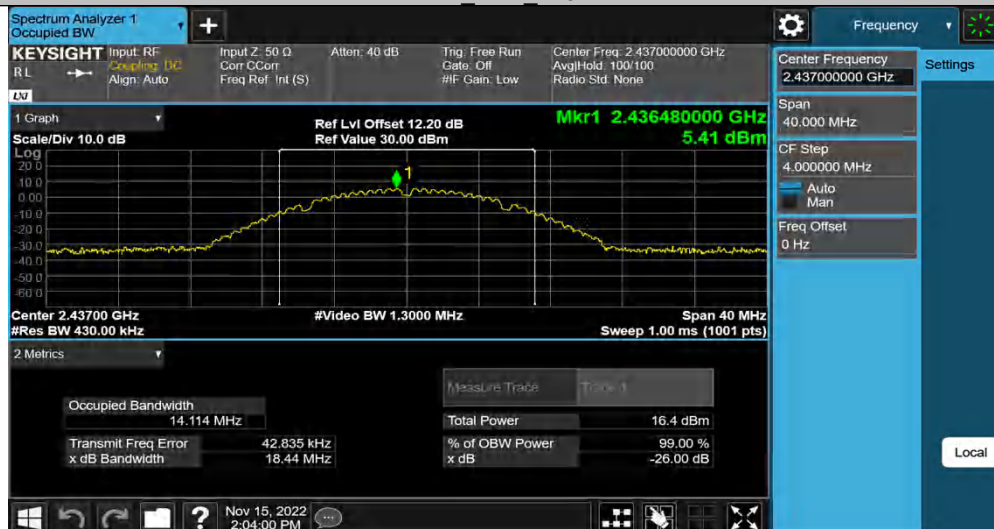
### Appendix B.3: Test Results of 99% Bandwidth

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412    | 13.828    | 2405.1846 | 2419.0126 | ---        | PASS    |
|           |         | 2437    | 14.114    | 2429.9858 | 2444.0998 | ---        | PASS    |
|           |         | 2462    | 13.798    | 2455.1421 | 2468.9401 | ---        | PASS    |
| 11G       | Ant1    | 2412    | 16.761    | 2403.7020 | 2420.4630 | ---        | PASS    |
|           |         | 2437    | 17.070    | 2428.5290 | 2445.5990 | ---        | PASS    |
|           |         | 2462    | 16.764    | 2453.6265 | 2470.3905 | ---        | PASS    |
| 11N20MIMO | Ant1    | 2412    | 17.945    | 2403.0690 | 2421.0140 | ---        | PASS    |
|           |         | 2437    | 18.142    | 2427.9696 | 2446.1116 | ---        | PASS    |
|           |         | 2462    | 17.907    | 2453.0612 | 2470.9682 | ---        | PASS    |
| 11N40MIMO | Ant1    | 2422    | 36.255    | 2403.8897 | 2440.1447 | ---        | PASS    |
|           |         | 2437    | 36.694    | 2418.7250 | 2455.4190 | ---        | PASS    |
|           |         | 2452    | 36.377    | 2433.9658 | 2470.3428 | ---        | PASS    |

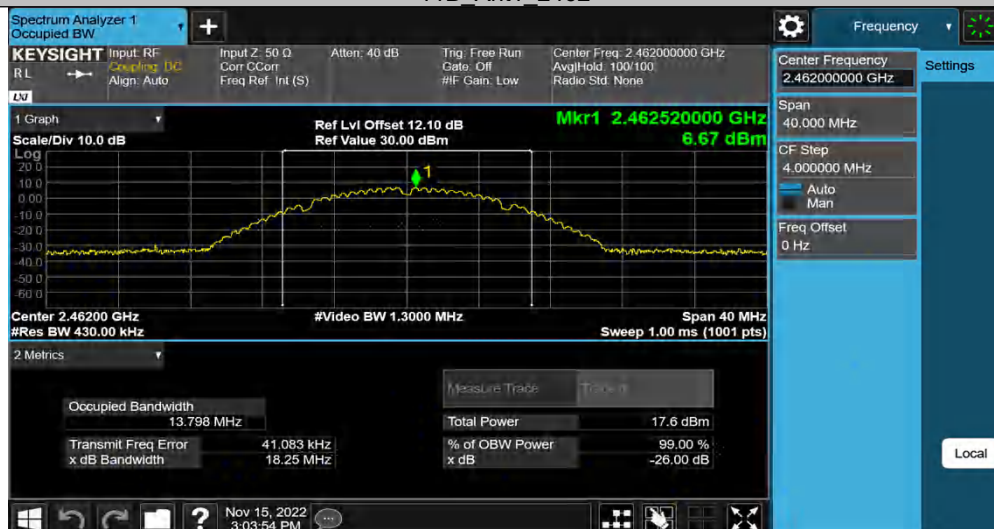
11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462



11G\_Ant1\_2412



11G\_Ant1\_2437



11G\_Ant1\_2462



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## Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

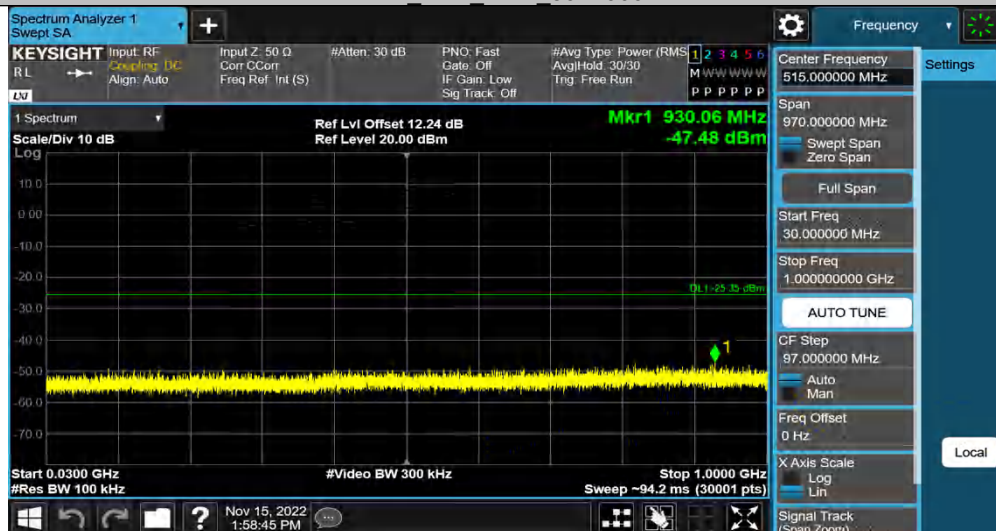
### Conducted Spurious Emission

| TestMode  | Antenna | Channel | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412    | Reference       | 4.65           | 4.65         | ---         | PASS    |
|           |         |         | 30~1000         | 4.65           | -47.48       | ≤-25.35     | PASS    |
|           |         |         | 1000~26500      | 4.65           | -38.75       | ≤-25.35     | PASS    |
|           |         | 2437    | Reference       | 3.44           | 3.44         | ---         | PASS    |
|           |         |         | 30~1000         | 3.44           | -47.81       | ≤-26.56     | PASS    |
|           |         |         | 1000~26500      | 3.44           | -38.55       | ≤-26.56     | PASS    |
|           |         | 2462    | Reference       | 4.17           | 4.17         | ---         | PASS    |
|           |         |         | 30~1000         | 4.17           | -47.85       | ≤-25.83     | PASS    |
|           |         |         | 1000~26500      | 4.17           | -38.83       | ≤-25.83     | PASS    |
| 11G       | Ant1    | 2412    | Reference       | -4.28          | -4.28        | ---         | PASS    |
|           |         |         | 30~1000         | -4.28          | -47.82       | ≤-34.28     | PASS    |
|           |         |         | 1000~26500      | -4.28          | -38.6        | ≤-34.28     | PASS    |
|           |         | 2437    | Reference       | -5.94          | -5.94        | ---         | PASS    |
|           |         |         | 30~1000         | -5.94          | -47.62       | ≤-35.94     | PASS    |
|           |         |         | 1000~26500      | -5.94          | -39.31       | ≤-35.94     | PASS    |
|           |         | 2462    | Reference       | -4.93          | -4.93        | ---         | PASS    |
|           |         |         | 30~1000         | -4.93          | -48.05       | ≤-34.93     | PASS    |
|           |         |         | 1000~26500      | -4.93          | -39.1        | ≤-34.93     | PASS    |
| 11N20MIMO | Ant1    | 2412    | Reference       | -4.23          | -4.23        | ---         | PASS    |
|           |         |         | 30~1000         | -4.23          | -47.18       | ≤-34.23     | PASS    |
|           |         |         | 1000~26500      | -4.23          | -38.22       | ≤-34.23     | PASS    |
|           |         | 2437    | Reference       | -5.10          | -5.10        | ---         | PASS    |
|           |         |         | 30~1000         | -5.10          | -47.75       | ≤-35.1      | PASS    |
|           |         |         | 1000~26500      | -5.10          | -38.76       | ≤-35.1      | PASS    |
|           |         | 2462    | Reference       | -3.29          | -3.29        | ---         | PASS    |
|           |         |         | 30~1000         | -3.29          | -47.56       | ≤-33.29     | PASS    |
|           |         |         | 1000~26500      | -3.29          | -39.49       | ≤-33.29     | PASS    |
| 11N40MIMO | Ant1    | 2422    | Reference       | -6.04          | -6.04        | ---         | PASS    |
|           |         |         | 30~1000         | -6.04          | -47.44       | ≤-36.04     | PASS    |
|           |         |         | 1000~26500      | -6.04          | -38.68       | ≤-36.04     | PASS    |
|           |         | 2437    | Reference       | -5.50          | -5.50        | ---         | PASS    |
|           |         |         | 30~1000         | -5.50          | -47.9        | ≤-35.5      | PASS    |
|           |         |         | 1000~26500      | -5.50          | -38.91       | ≤-35.5      | PASS    |
|           |         | 2452    | Reference       | -5.59          | -5.59        | ---         | PASS    |
|           |         |         | 30~1000         | -5.59          | -48.1        | ≤-35.59     | PASS    |
|           |         |         | 1000~26500      | -5.59          | -40.19       | ≤-35.59     | PASS    |

## 11B\_Ant1\_2412\_0~Reference



## 11B\_Ant1\_2412\_30~1000



## 11B\_Ant1\_2412\_1000~26500



## 11B\_Ant1\_2437\_0~Reference

# Appendix B

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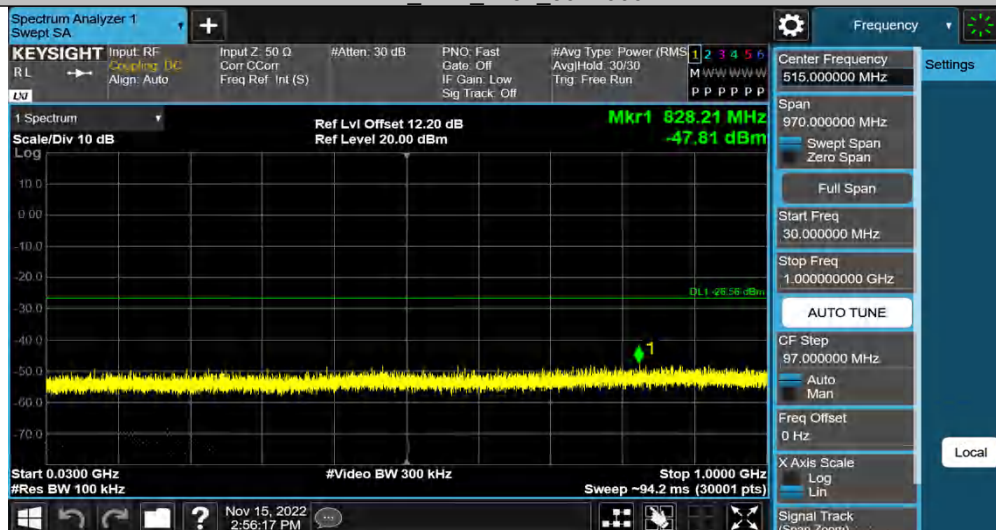
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11B\_Ant1\_2437\_30~1000



11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_0~Reference

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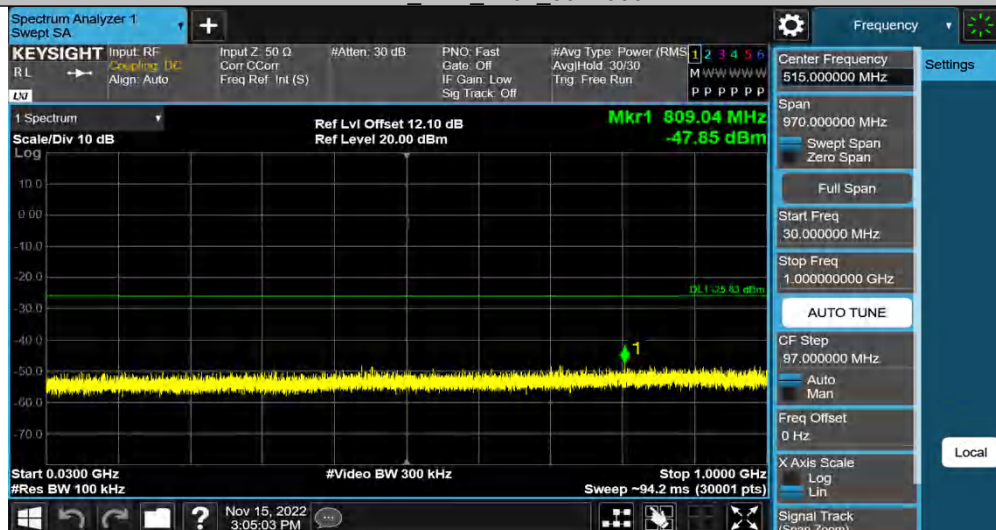
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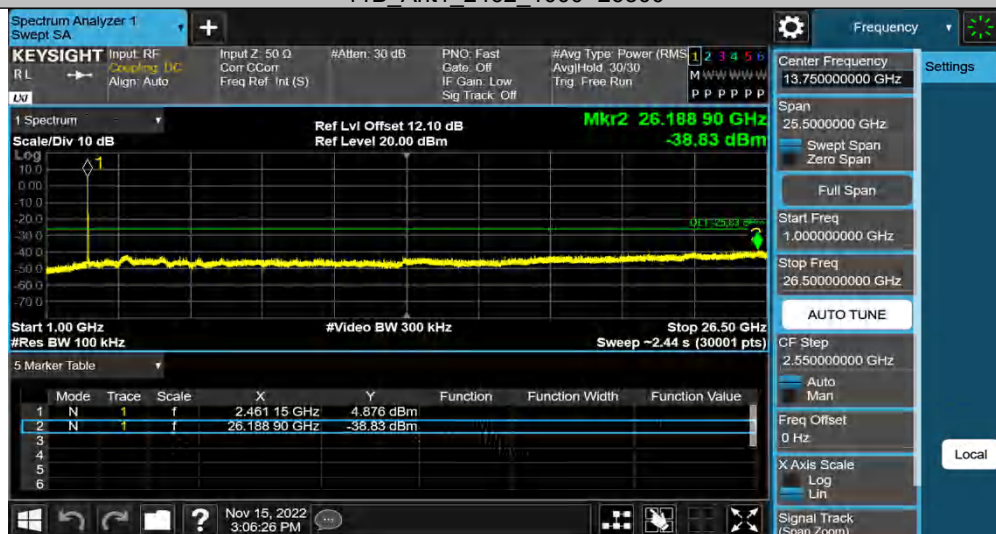
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11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference

# Appendix B

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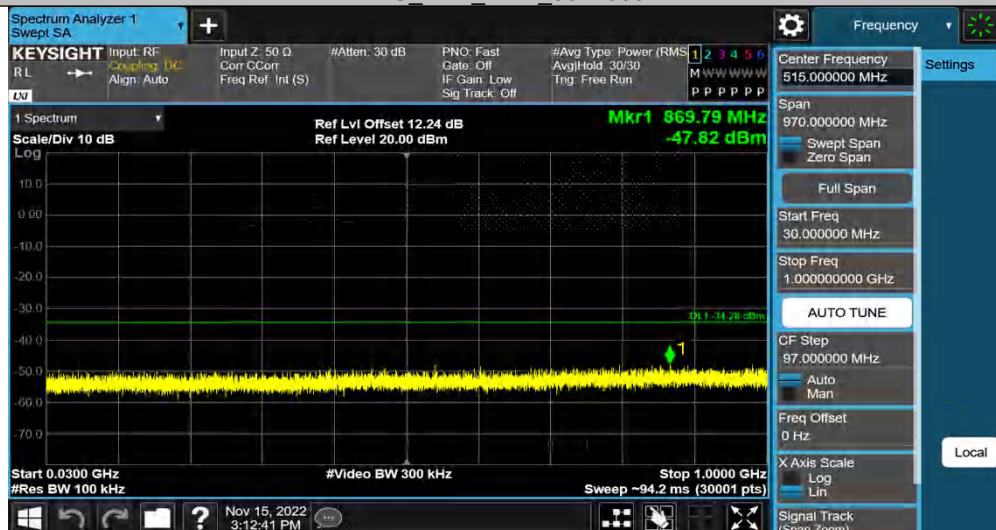
Prüfbericht - Produkte

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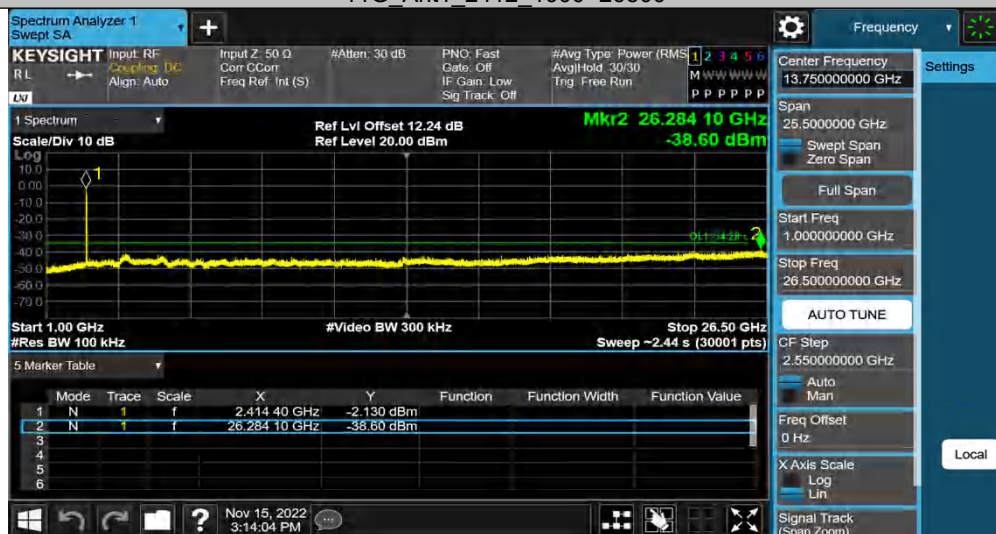
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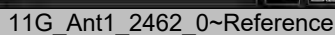
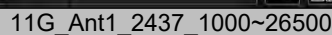
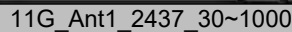
11G\_Ant1\_2412\_30~1000



11G\_Ant1\_2412\_1000~26500



11G\_Ant1\_2437\_0~Reference



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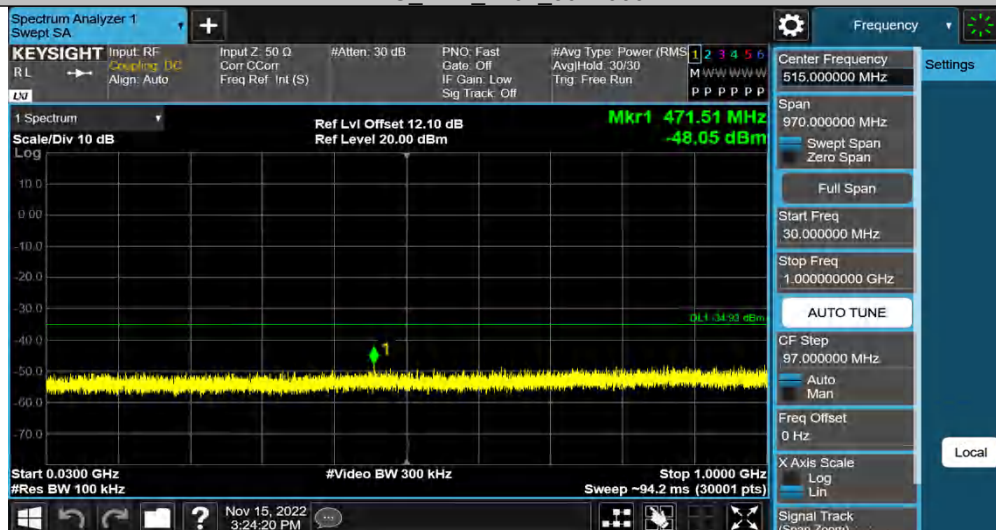
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11G\_Ant1\_2462\_30~1000



11G\_Ant1\_2462\_1000~26500



11N20MIMO\_Ant1\_2412\_0~Reference

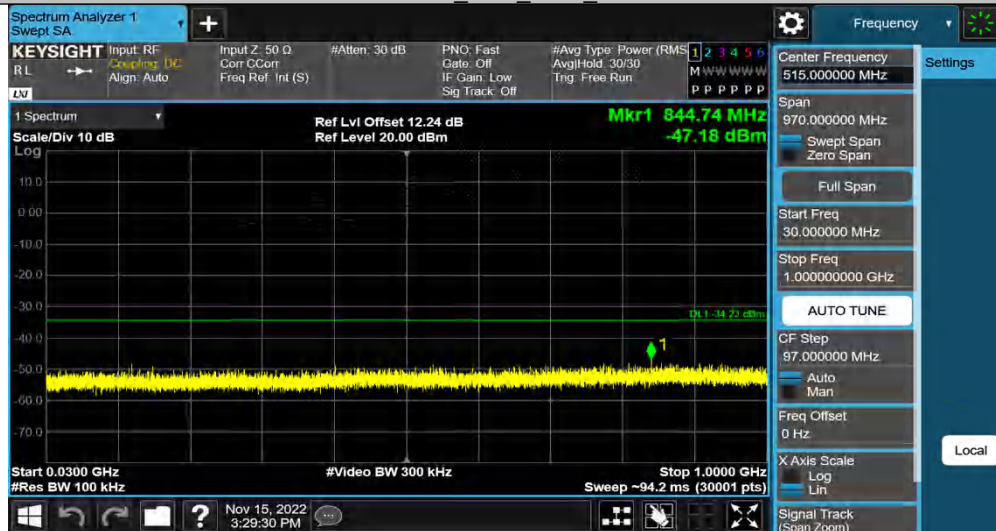
# Appendix B CN22OSX9 002

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11N20MIMO\_Ant1\_2412\_30~1000



11N20MIMO\_Ant1\_2412\_1000~26500



11N20MIMO\_Ant1\_2437\_0~Reference

# Appendix B

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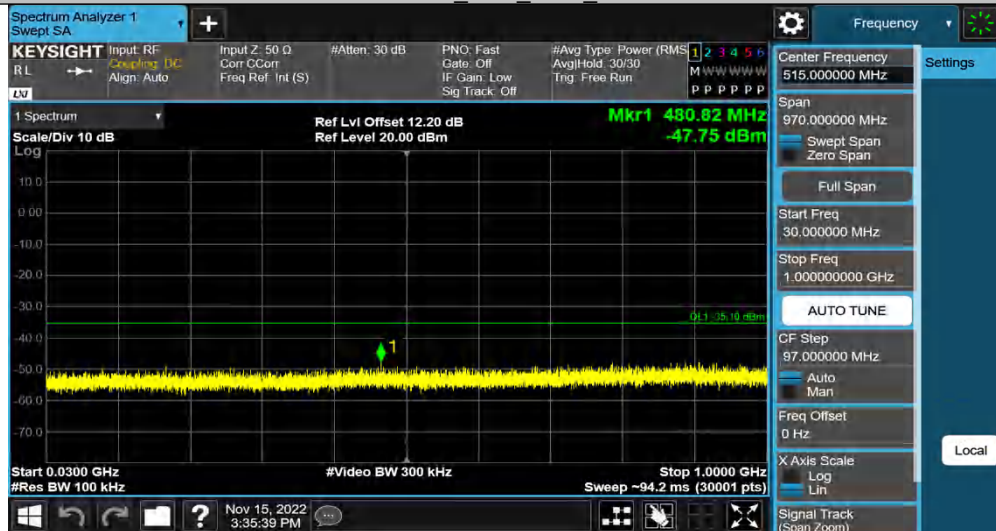
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11N20MIMO\_Ant1\_2437\_30~1000



11N20MIMO\_Ant1\_2437\_1000~26500

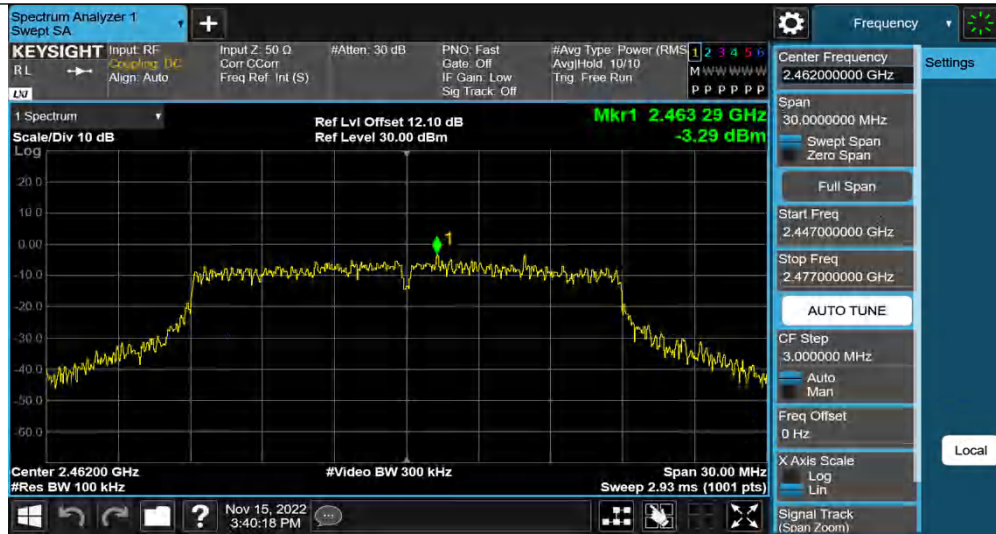


11N20MIMO\_Ant1\_2462\_0~Reference

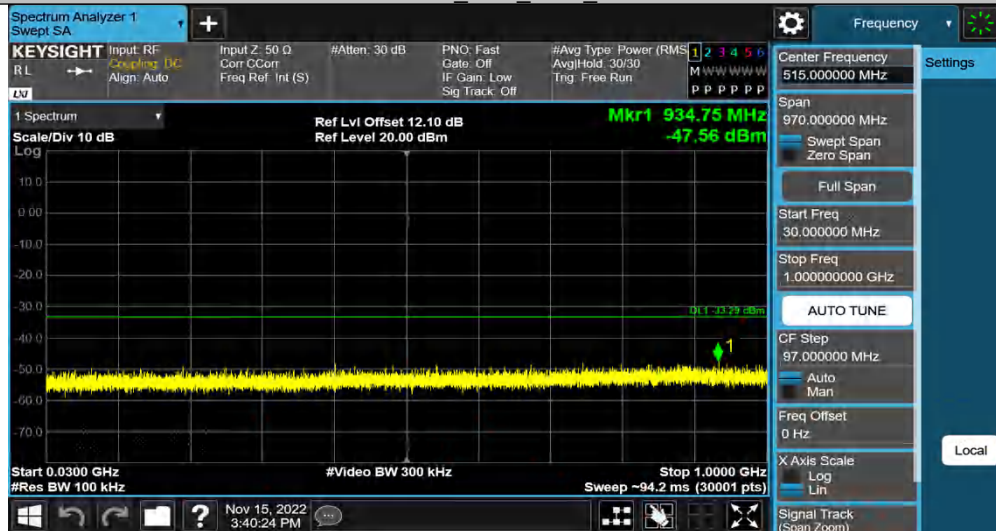
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11N20MIMO\_Ant1\_2462\_30~1000



11N20MIMO\_Ant1\_2462\_1000~26500



11N40MIMO\_Ant1\_2422\_0~Reference

# Appendix B

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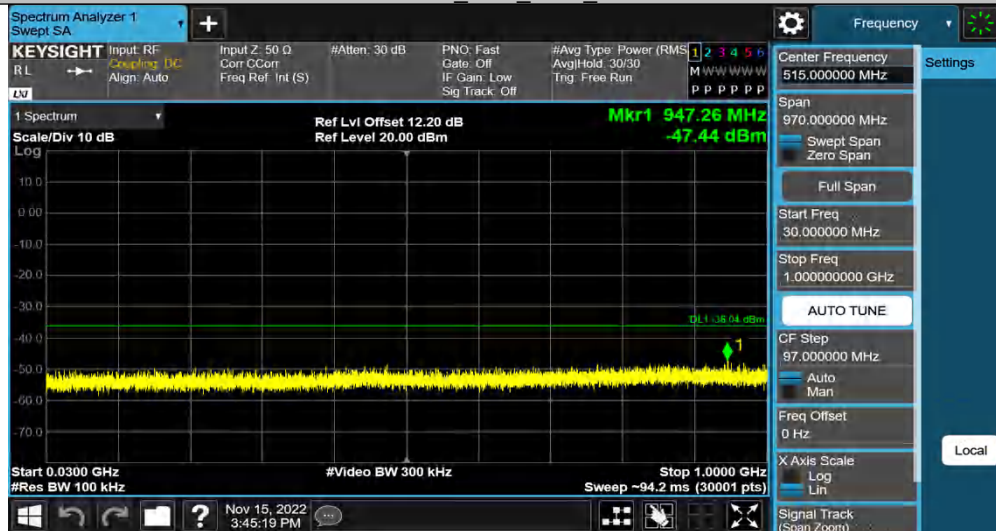
Prüfbericht - Produkte

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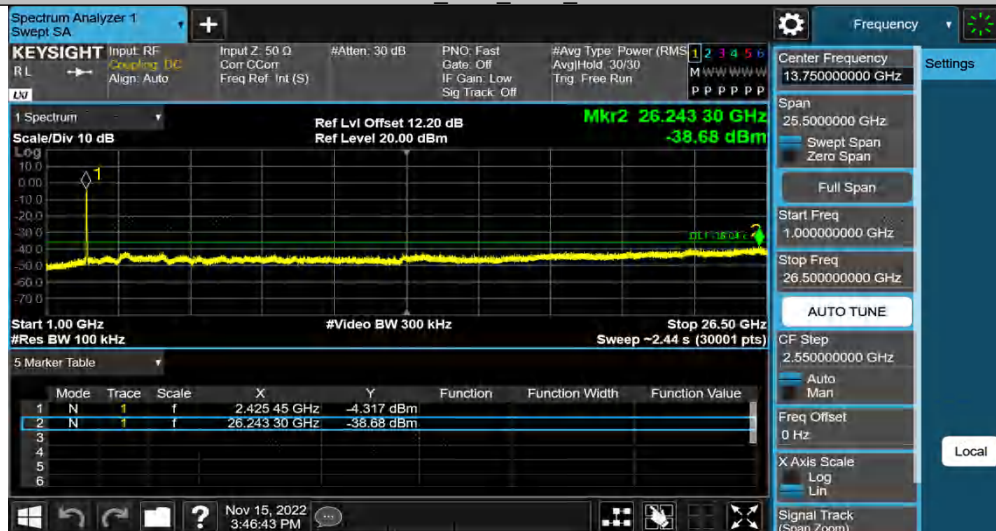
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11N40MIMO\_Ant1\_2422\_30~1000



11N40MIMO\_Ant1\_2422\_1000~26500



11N40MIMO\_Ant1\_2437\_0~Reference

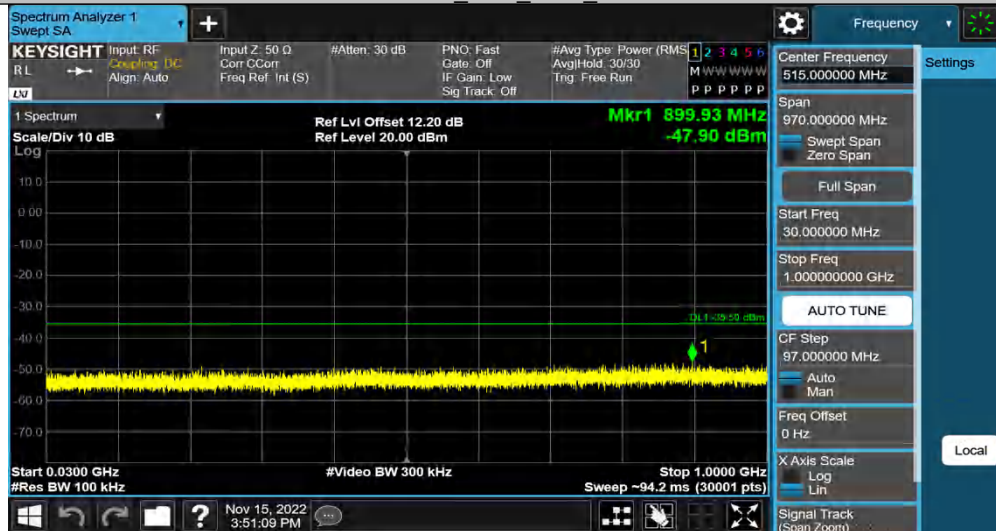
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11N40MIMO\_Ant1\_2437\_30~1000



11N40MIMO\_Ant1\_2437\_1000~26500



11N40MIMO\_Ant1\_2452\_0~Reference

# Appendix B

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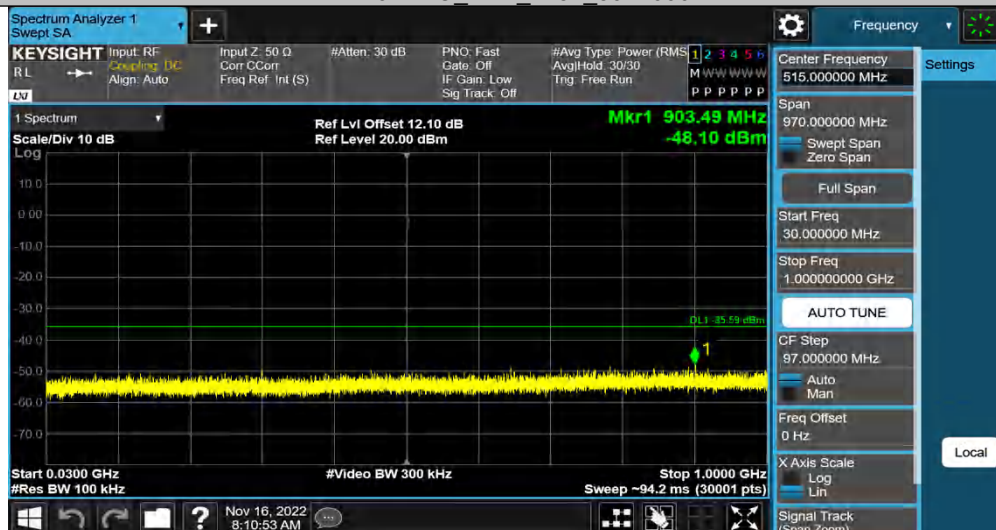
Prüfbericht - Produkte

Test Report - Products

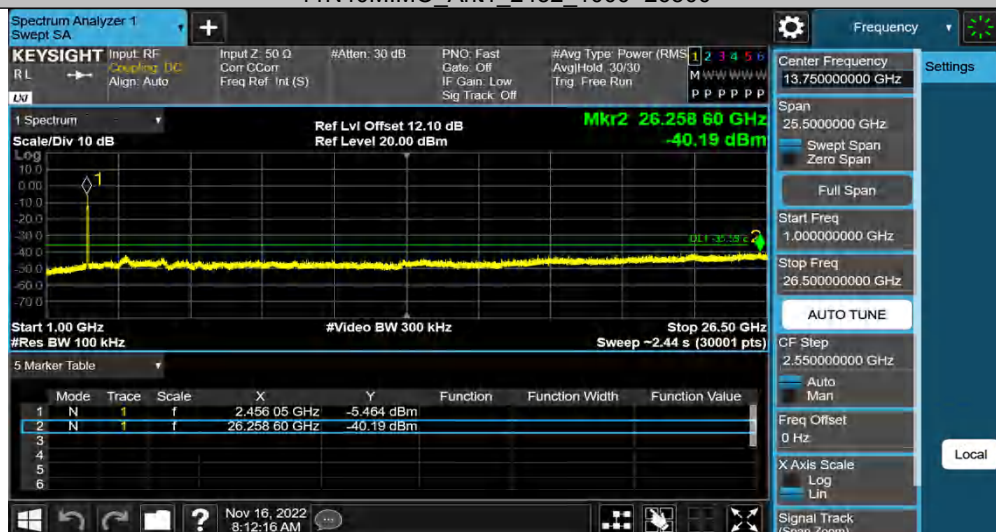
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11N40MIMO\_Ant1\_2452\_30~1000



11N40MIMO\_Ant1\_2452\_1000~26500



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### Band Edge

| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low    | 2412    | 6.28          | -42.32      | ≤-13.72    | PASS    |
|           |         | High   | 2462    | 5.99          | -46.64      | ≤-14.01    | PASS    |
| 11G       | Ant1    | Low    | 2412    | -0.58         | -34.06      | ≤-20.58    | PASS    |
|           |         | High   | 2462    | -0.36         | -46.95      | ≤-20.36    | PASS    |
| 11N20MIMO | Ant1    | Low    | 2412    | -1.17         | -31.68      | ≤-21.17    | PASS    |
|           |         | High   | 2462    | -0.65         | -46.42      | ≤-20.65    | PASS    |
| 11N40MIMO | Ant1    | Low    | 2422    | -3.44         | -41.75      | ≤-23.44    | PASS    |
|           |         | High   | 2452    | -4.94         | -46.89      | ≤-24.94    | PASS    |

### 11B Ant1 Low 2412



### 11B Ant1 High 2462



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## 11G Ant1 Low 2412



## 11G Ant1 High 2462



## 11N20MIMO Ant1 Low 2412



## 11N20MIMO Ant1 High 2462

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11N40MIMO\_Ant1\_Low\_2422



11N40MIMO\_Ant1\_High\_2452



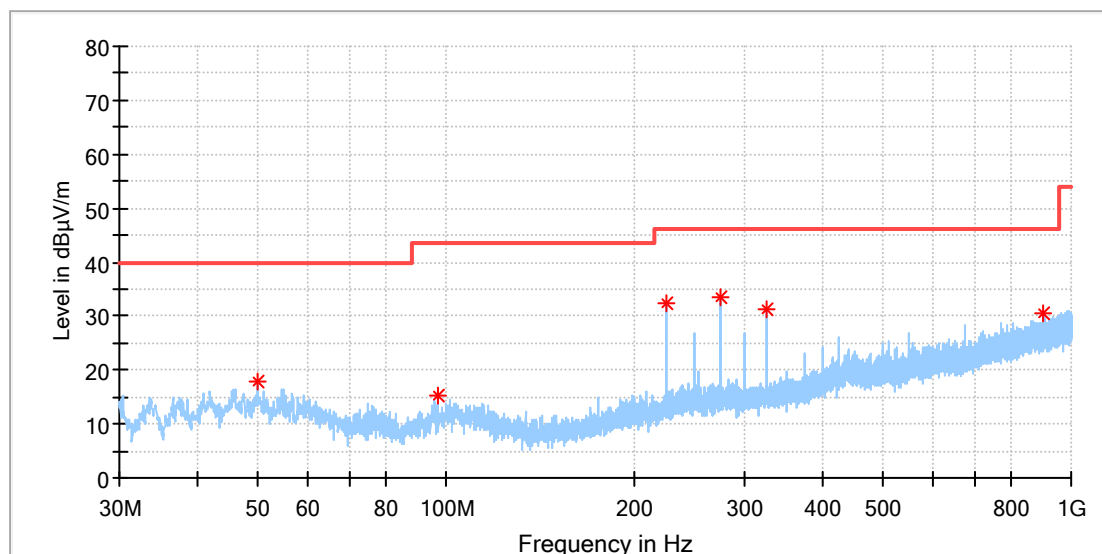
## Appendix B.5: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. 2. This testing was carried out on different modulations, but only the worst case was presented in this report.

### 30MHz - 1GHz (Worst case)

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

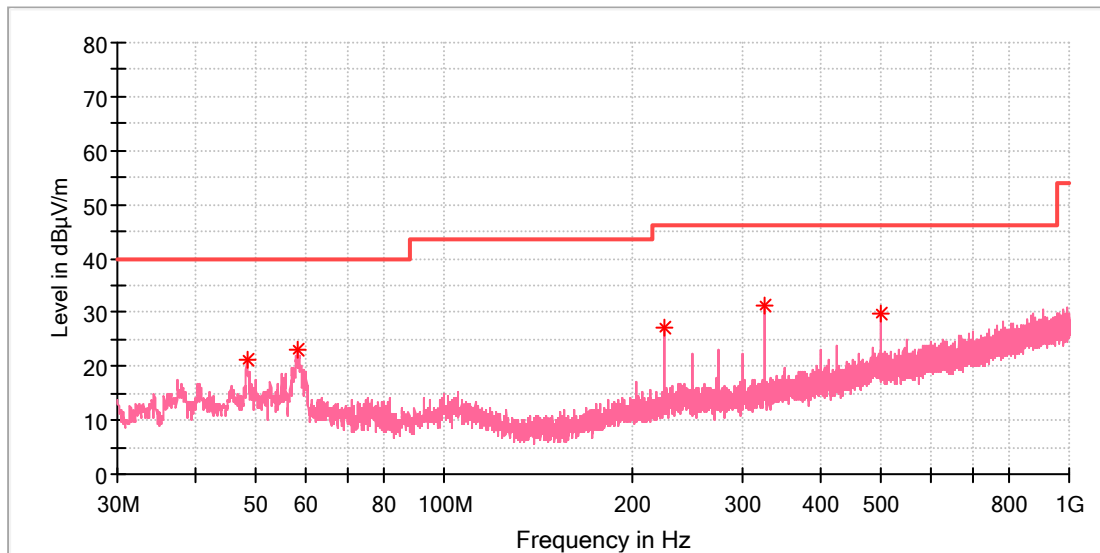
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 49.885000       | 17.80            | 40.00          | 22.20       | 100.0       | H   | 12.0          | -18.3        |
| 97.172500       | 15.09            | 43.50          | 28.41       | 100.0       | H   | 84.0          | -19.4        |
| 225.018500      | 32.55            | 46.00          | 13.45       | 100.0       | H   | 309.0         | -18.3        |
| 275.022000      | 33.49            | 46.00          | 12.51       | 100.0       | H   | 143.0         | -16.8        |
| 324.977000      | 31.28            | 46.00          | 14.72       | 100.0       | H   | 276.0         | -15.6        |
| 898.635000      | 30.70            | 46.00          | 15.30       | 100.0       | H   | 42.0          | -5.0         |

## Final\_Result

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         | --- | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 48.333000       | 21.39            | 40.00          | 18.61       | 100.0       | V   | 137.0         | -18.4        |
| 58.178500       | 22.92            | 40.00          | 17.08       | 100.0       | V   | 220.0         | -18.8        |
| 225.018500      | 27.31            | 46.00          | 18.69       | 100.0       | V   | 0.0           | -18.3        |
| 325.025500      | 31.28            | 46.00          | 14.72       | 100.0       | V   | 266.0         | -15.6        |
| 500.013500      | 29.78            | 46.00          | 16.22       | 100.0       | V   | 42.0          | -11.8        |

## Final Result

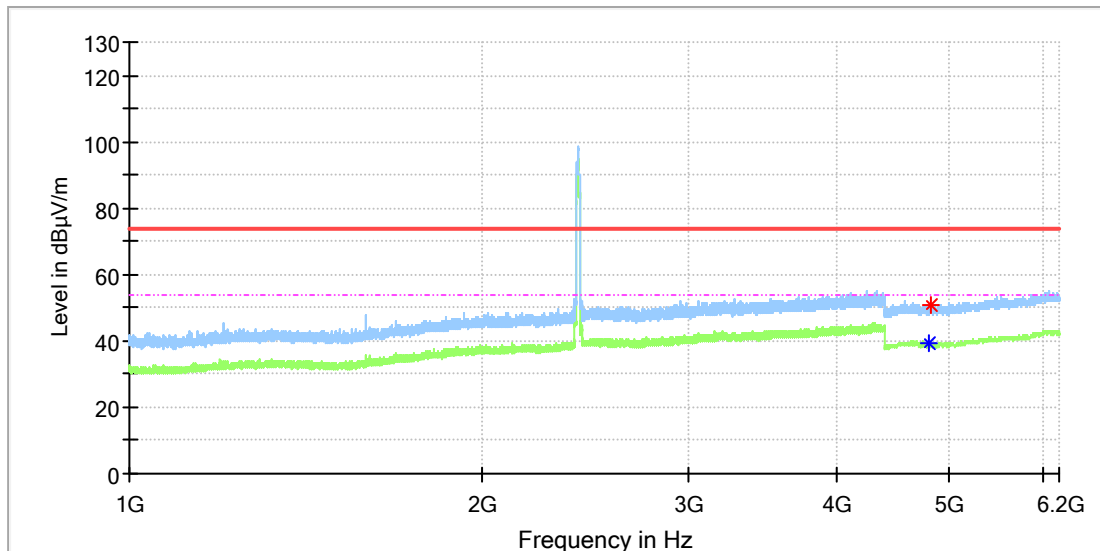
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         |     | ---           | ---          |

## 1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

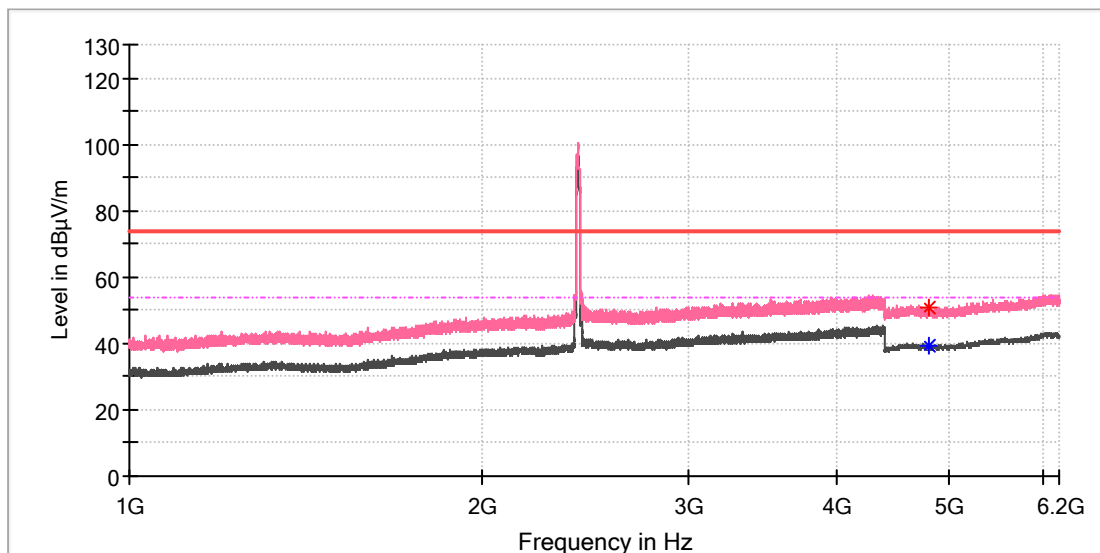
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4808.000000     | ---              | 39.35            | 54.00          | 14.65       | 100.0       | H   | 138.0         | 11.8         |
| 4824.000000     | 50.89            | ---              | 74.00          | 23.11       | 100.0       | H   | 62.0          | 11.8         |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         | --- | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

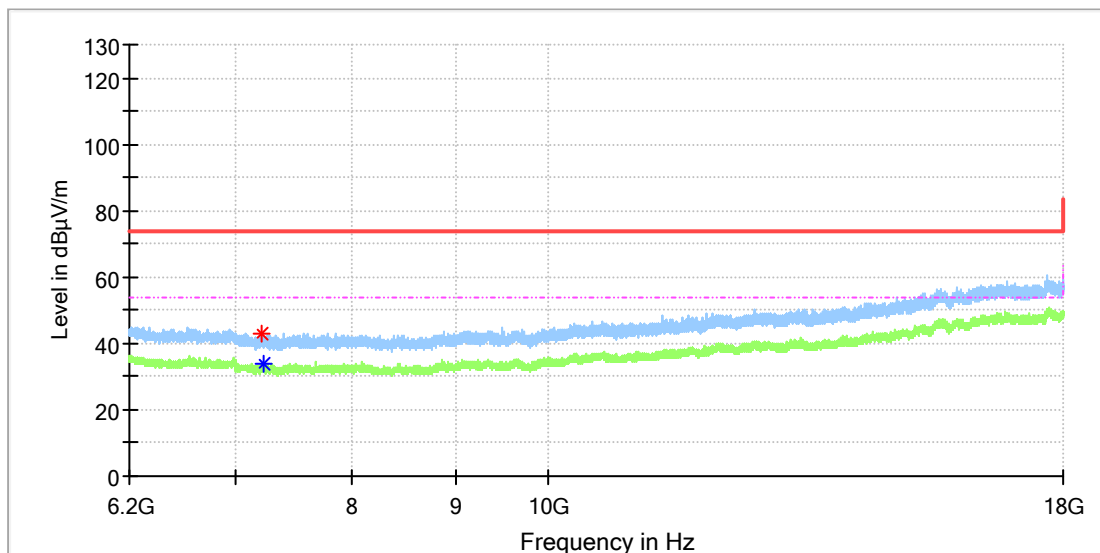
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4808.000000     | 50.60            | ---              | 74.00          | 23.40       | 100.0       | V   | 146.0         | 11.8         |
| 4809.500000     | ---              | 39.17            | 54.00          | 14.83       | 100.0       | V   | 69.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

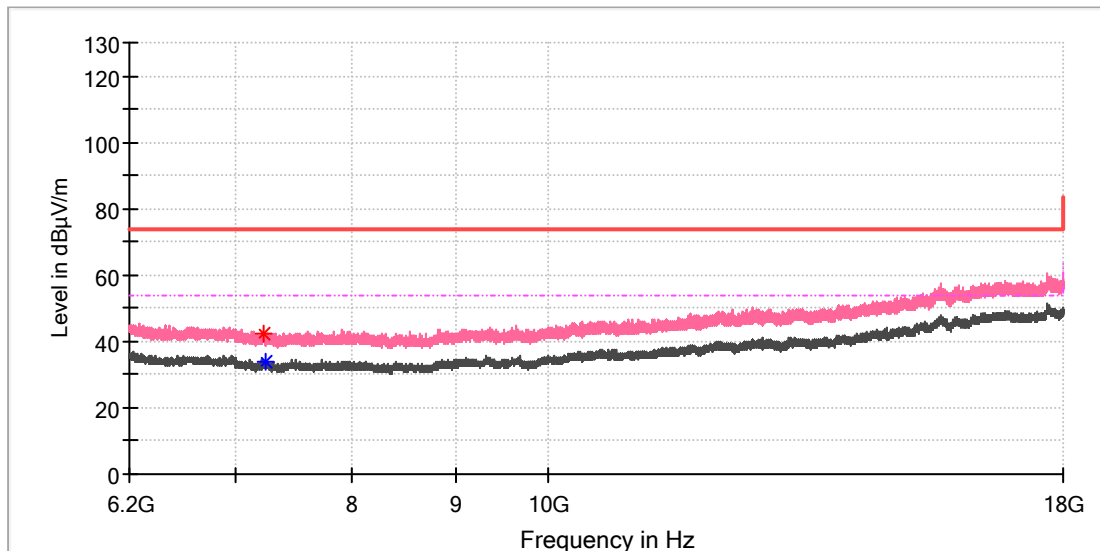
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7216.766667     | 42.73            | ---              | 74.00          | 31.27       | 100.0       | H   | 0.0           | 8.7          |
| 7221.683333     | ---              | 33.71            | 54.00          | 20.29       | 100.0       | H   | 15.0          | 8.7          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

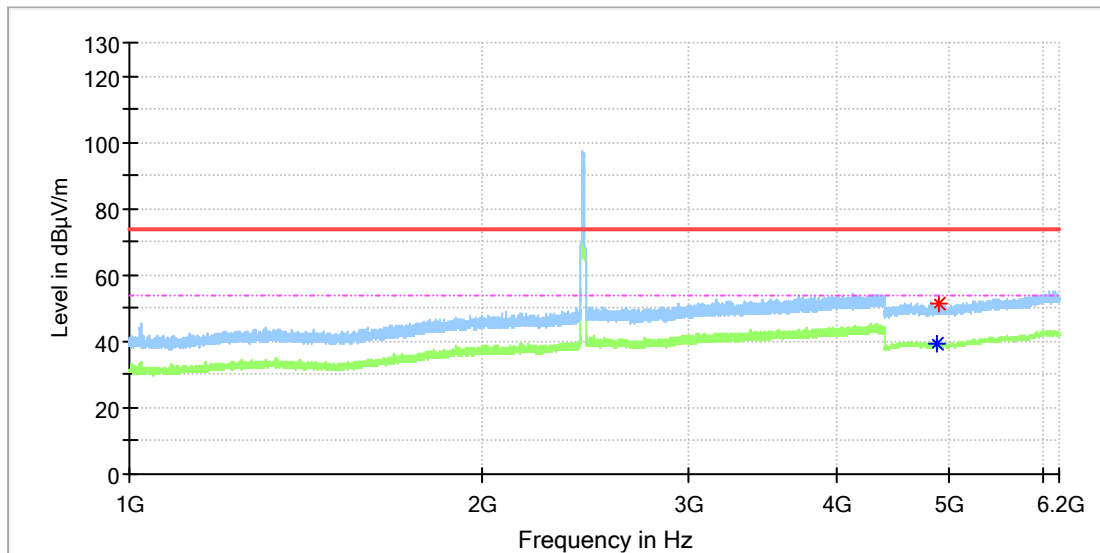
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7221.191667     | 42.51            | ---              | 74.00          | 31.49       | 100.0       | V   | 120.0         | 8.7          |
| 7241.350000     | ---              | 33.89            | 54.00          | 20.11       | 100.0       | V   | 73.0          | 8.6          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

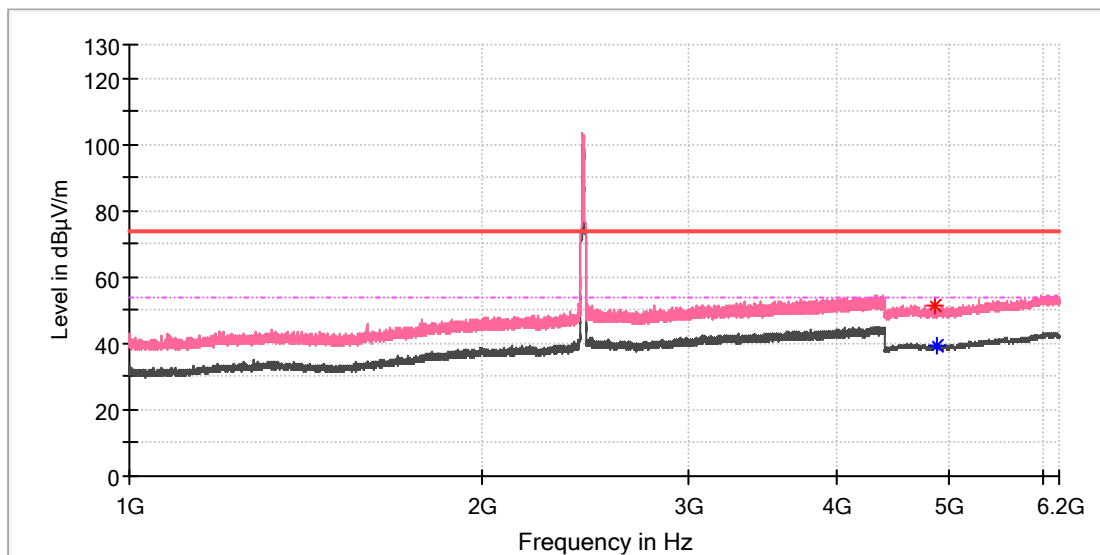
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4871.000000     | ---              | 39.38            | 54.00          | 14.62       | 100.0       | H   | 167.0         | 11.8         |
| 4892.000000     | 51.11            | ---              | 74.00          | 22.89       | 100.0       | H   | 77.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

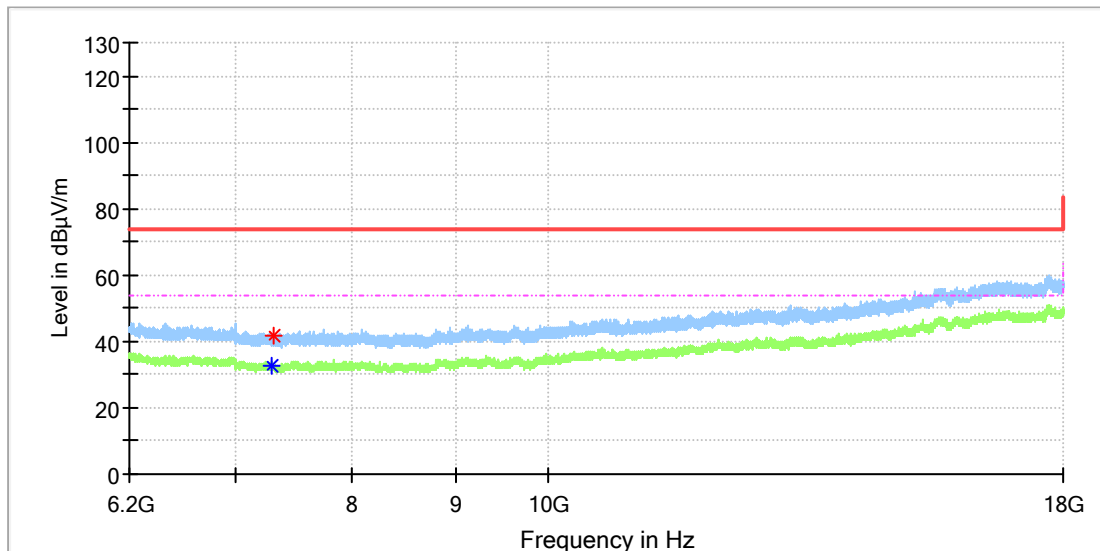
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4850.000000     | 51.36            | ---              | 74.00          | 22.64       | 100.0       | V   | 140.0         | 11.8         |
| 4872.000000     | ---              | 39.23            | 54.00          | 14.77       | 100.0       | V   | 133.0         | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

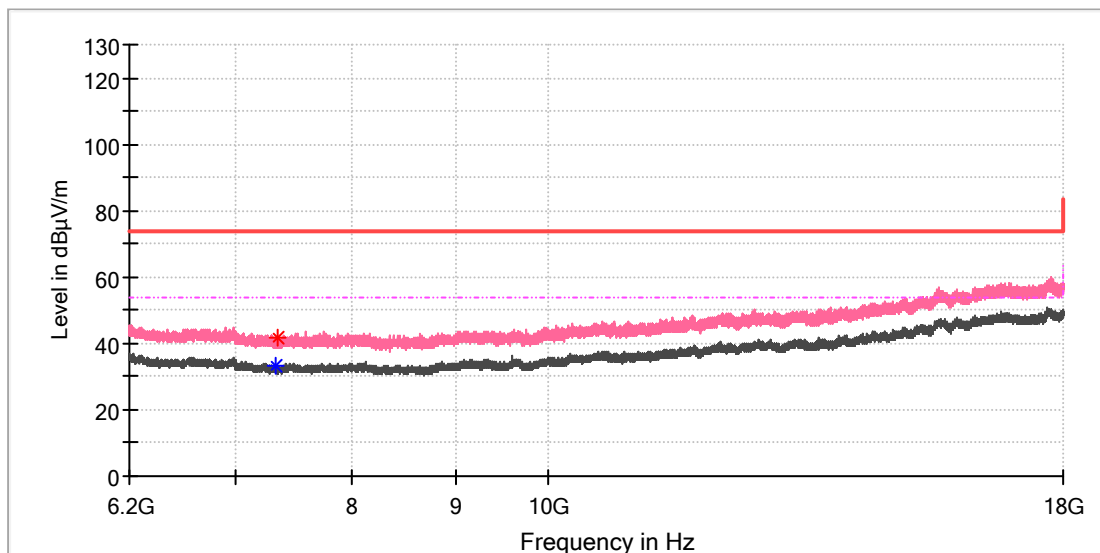
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7300.841667     | ---              | 32.93            | 54.00          | 21.07       | 100.0       | H   | 119.0         | 8.3          |
| 7314.608333     | 41.43            | ---              | 74.00          | 32.57       | 100.0       | H   | 350.0         | 8.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

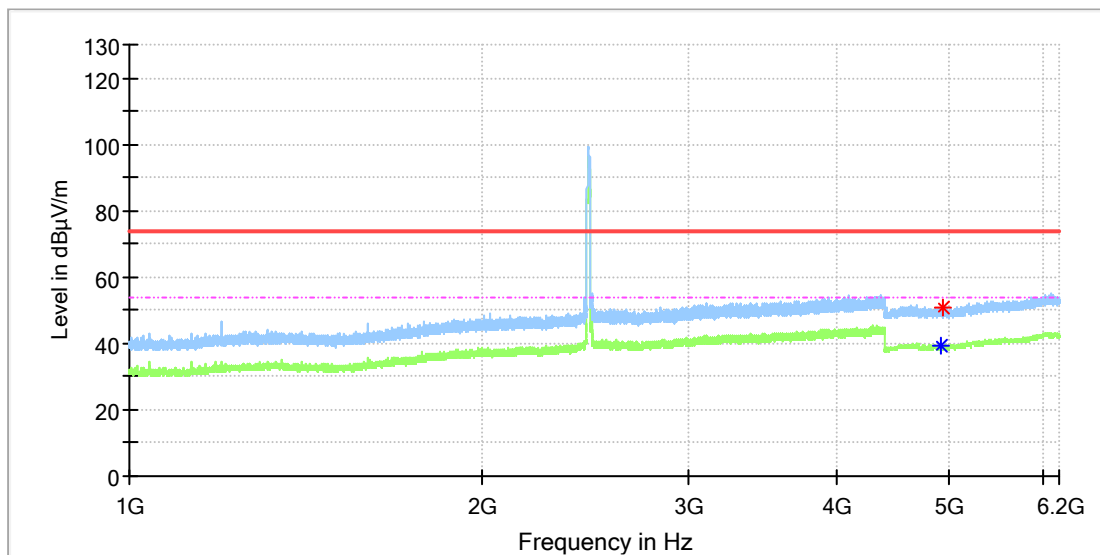
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7326.408333     | ---              | 33.23            | 54.00          | 20.77       | 100.0       | V   | 3.0           | 8.1          |
| 7339.683333     | 41.76            | ---              | 74.00          | 32.24       | 100.0       | V   | 241.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

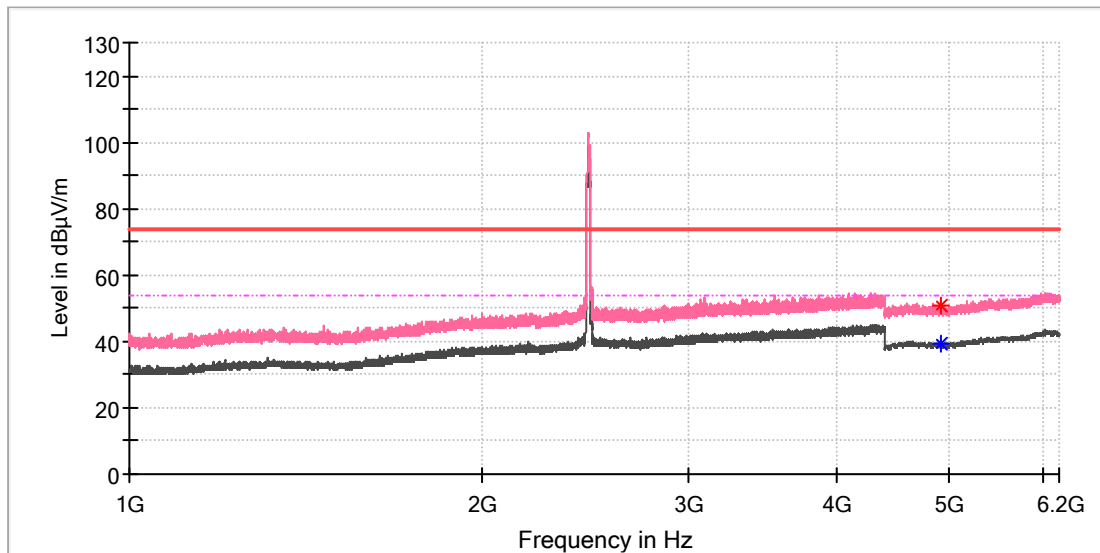
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4924.500000     | ---              | 39.31            | 54.00          | 14.69       | 100.0       | H   | 46.0          | 11.8         |
| 4926.000000     | 50.55            | ---              | 74.00          | 23.45       | 100.0       | H   | 59.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

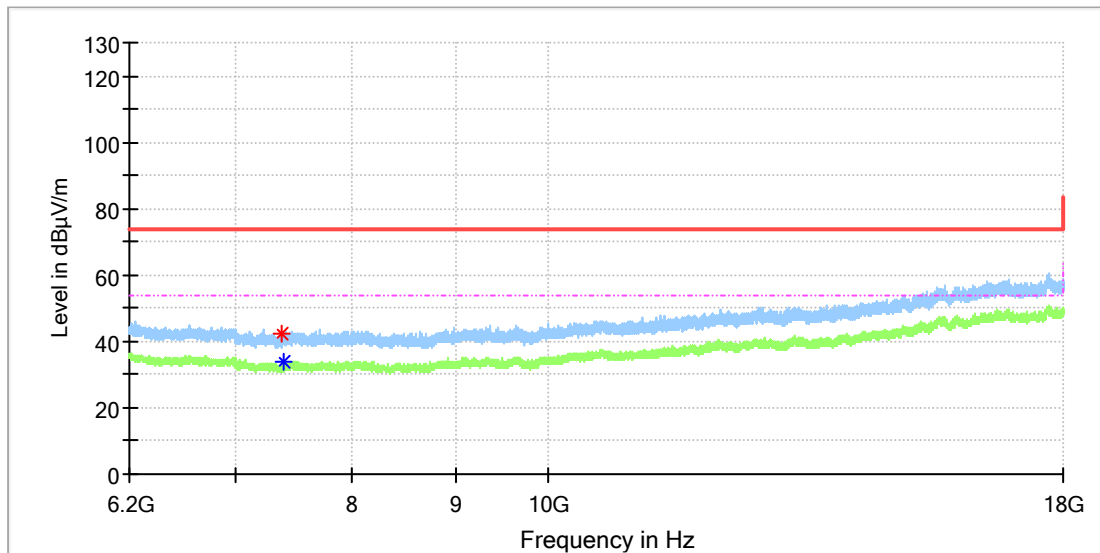
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4922.000000     | 50.99            | ---              | 74.00          | 23.01       | 100.0       | V   | 225.0         | 11.8         |
| 4923.500000     | ---              | 39.56            | 54.00          | 14.44       | 100.0       | V   | 41.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

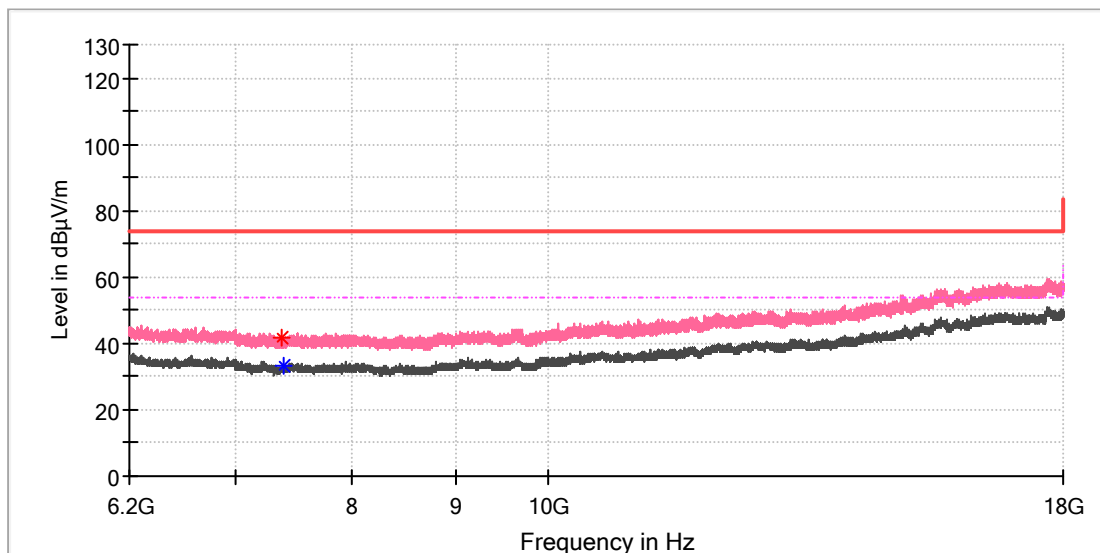
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7380.491667     | 42.41            | ---              | 74.00          | 31.59       | 100.0       | H   | 336.0         | 8.2          |
| 7399.175000     | ---              | 33.58            | 54.00          | 20.42       | 100.0       | H   | 261.0         | 8.3          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

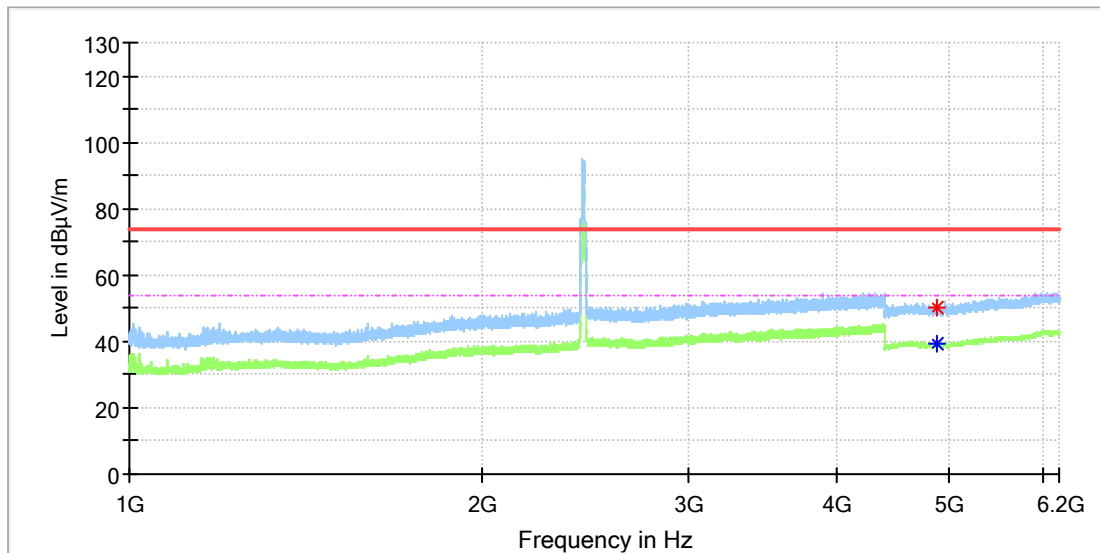
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7384.916667     | 41.65            | ---              | 74.00          | 32.35       | 100.0       | V   | 5.0           | 8.2          |
| 7398.683333     | ---              | 33.32            | 54.00          | 20.68       | 100.0       | V   | 254.0         | 8.3          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

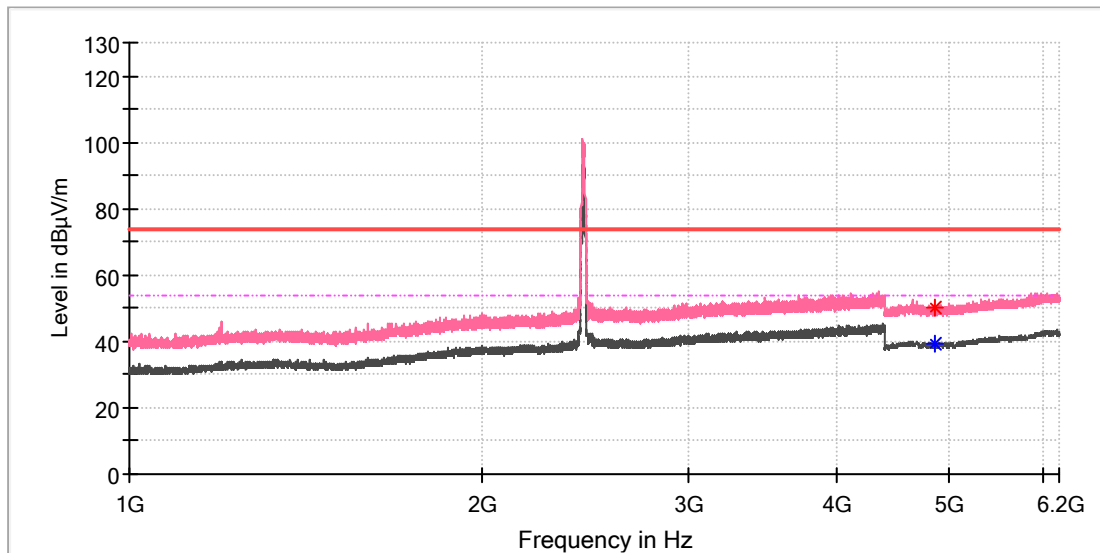
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4871.500000     | ---              | 39.28            | 54.00          | 14.72       | 100.0       | H   | 115.0         | 11.8         |
| 4875.500000     | 50.15            | ---              | 74.00          | 23.85       | 100.0       | H   | 36.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

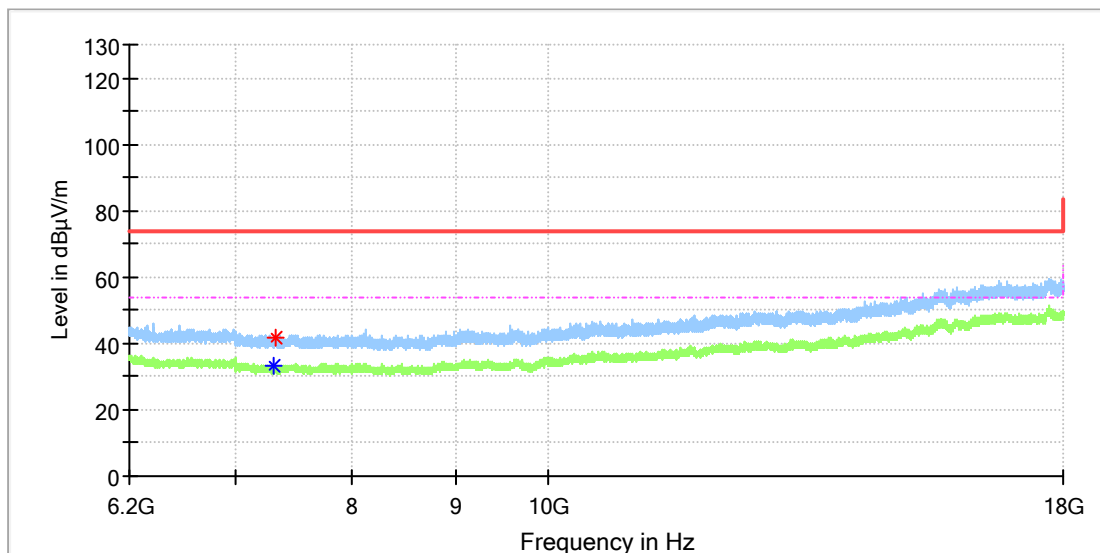
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4859.500000     | 50.24            | ---              | 74.00          | 23.76       | 100.0       | V   | 195.0         | 11.8         |
| 4864.000000     | ---              | 39.37            | 54.00          | 14.63       | 100.0       | V   | 82.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

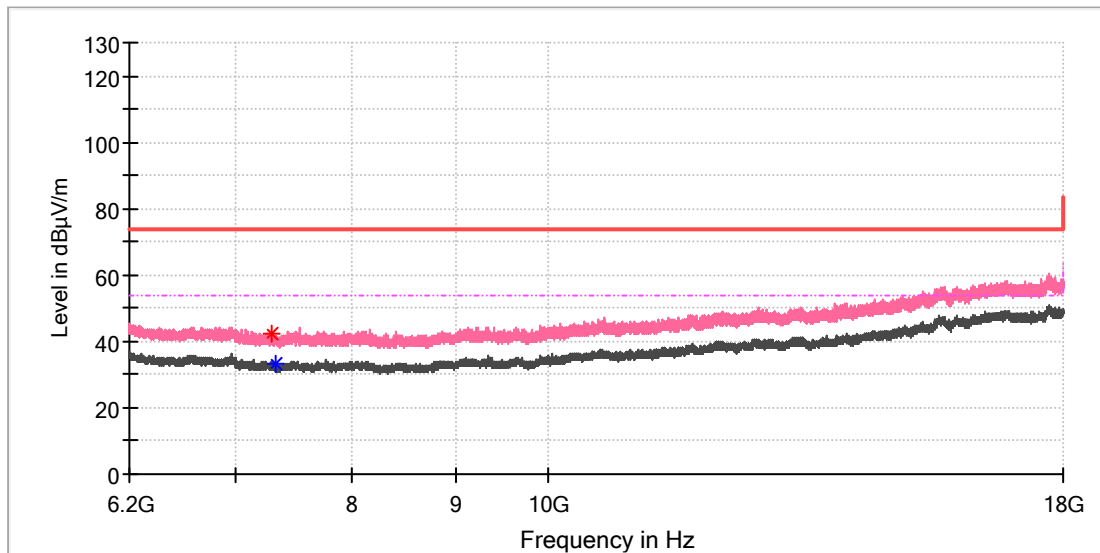
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7312.150000     | ---              | 33.30            | 54.00          | 20.70       | 100.0       | H   | 66.0          | 8.2          |
| 7329.850000     | 41.60            | ---              | 74.00          | 32.40       | 100.0       | H   | 237.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch6        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

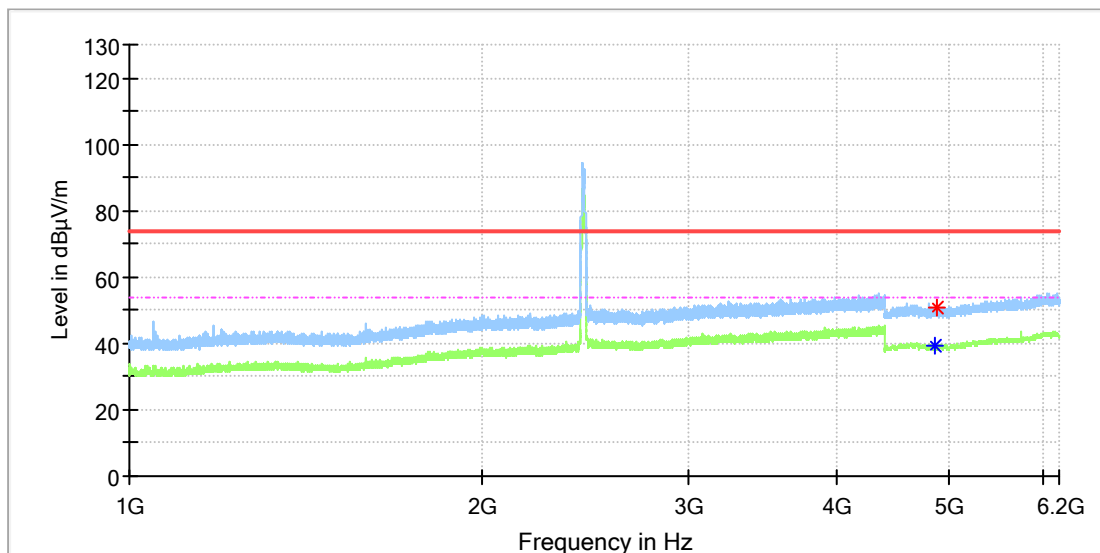
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7287.566667     | 42.62            | ---              | 74.00          | 31.38       | 100.0       | V   | 290.0         | 8.4          |
| 7323.950000     | ---              | 33.17            | 54.00          | 20.83       | 100.0       | V   | 112.0         | 8.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

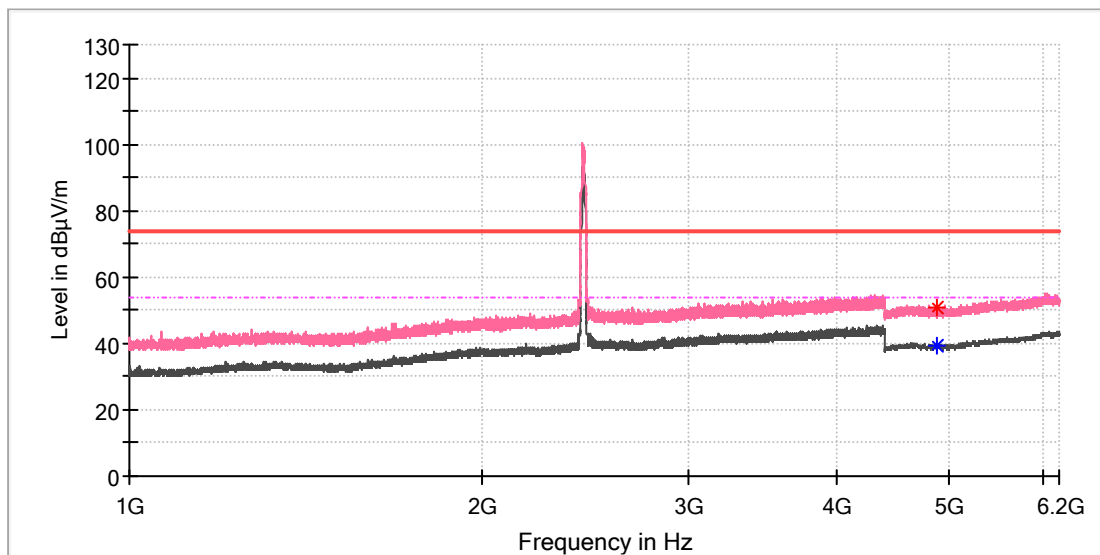
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4860.000000     | ---              | 39.51            | 54.00          | 14.49       | 100.0       | H   | 305.0         | 11.8         |
| 4868.500000     | 50.75            | ---              | 74.00          | 23.25       | 100.0       | H   | 87.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

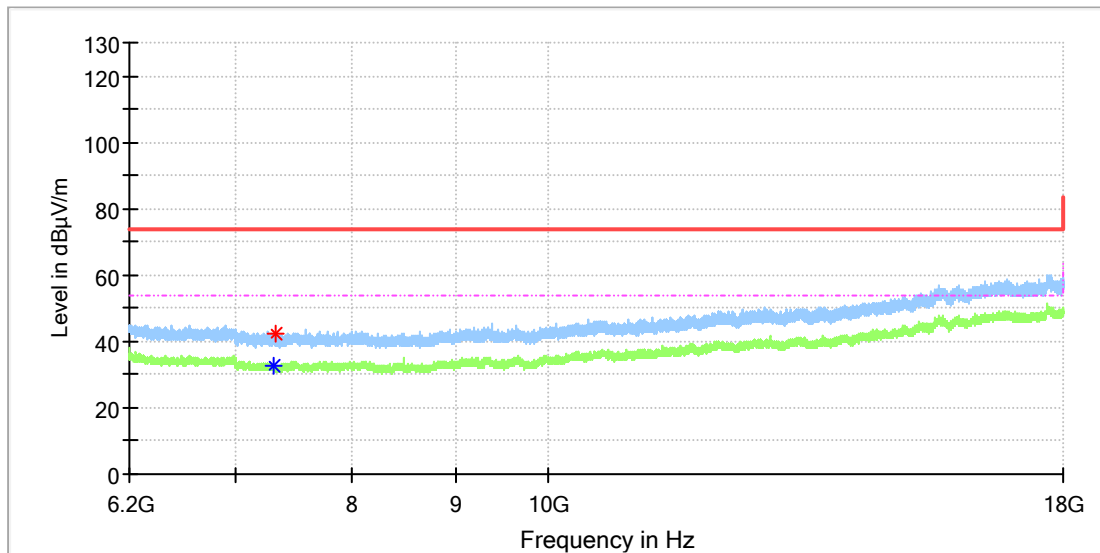
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4870.000000     | 50.65            | ---              | 74.00          | 23.35       | 100.0       | V   | 222.0         | 11.8         |
| 4870.500000     | ---              | 39.26            | 54.00          | 14.74       | 100.0       | V   | 20.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

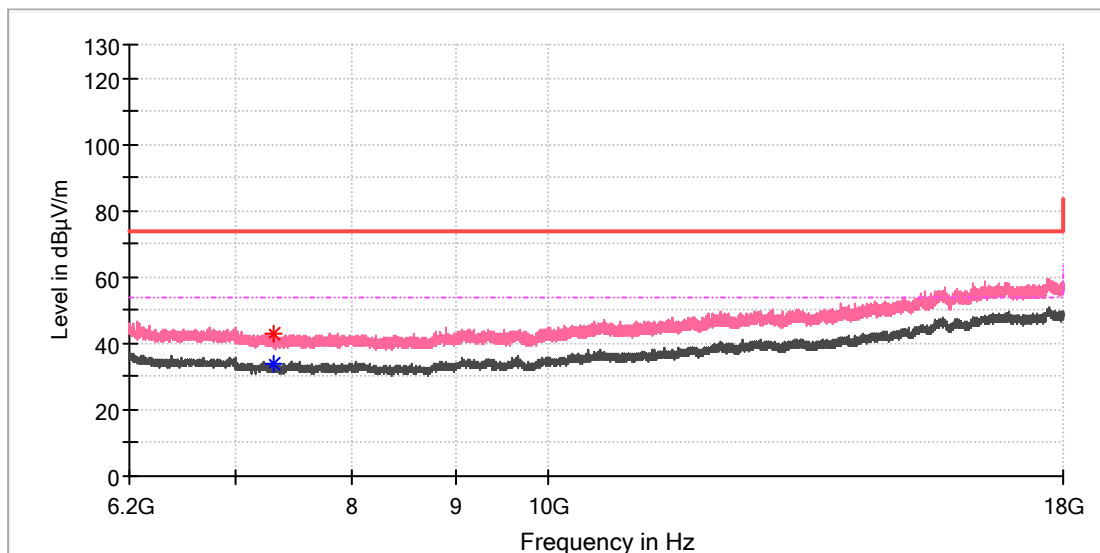
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7307.725000     | ---              | 32.89            | 54.00          | 21.11       | 100.0       | H   | 81.0          | 8.3          |
| 7333.783333     | 42.22            | ---              | 74.00          | 31.78       | 100.0       | H   | 7.0           | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

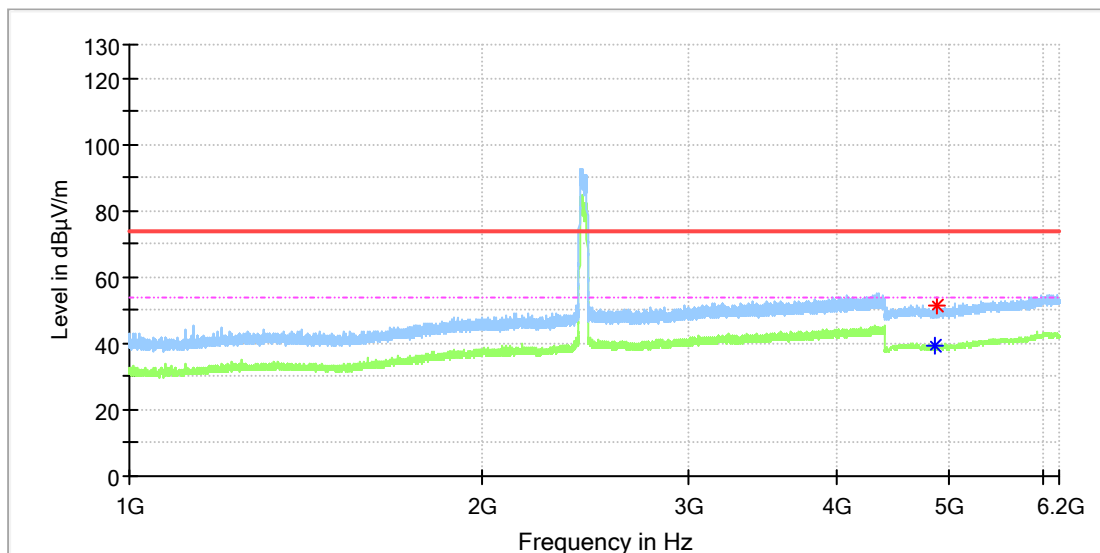
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7311.166667     | ---              | 33.79            | 54.00          | 20.21       | 100.0       | V   | 161.0         | 8.2          |
| 7318.050000     | 42.85            | ---              | 74.00          | 31.15       | 100.0       | V   | 291.0         | 8.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

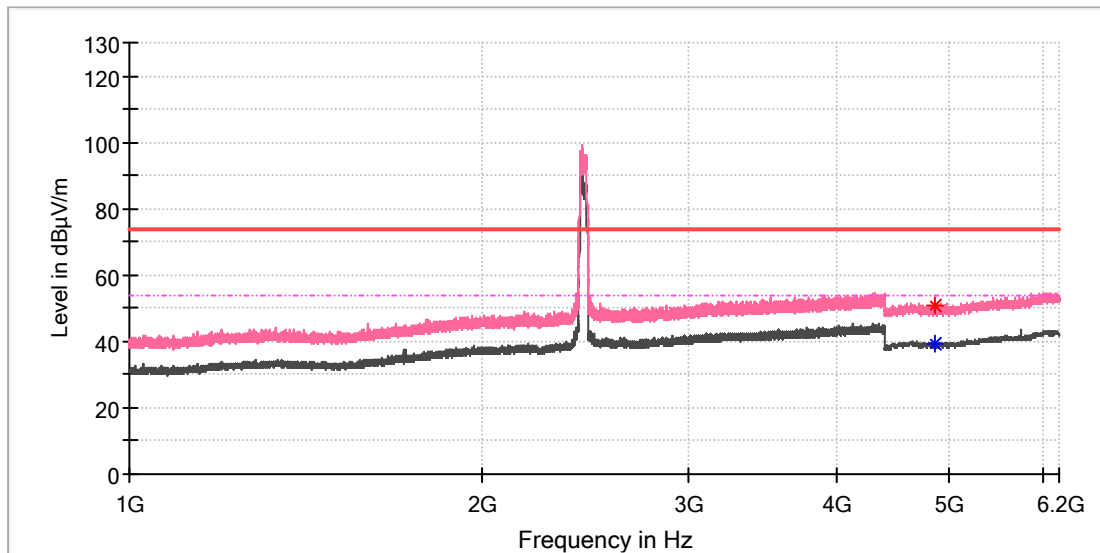
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4860.000000     | ---              | 39.28            | 54.00          | 14.72       | 100.0       | H   | 165.0         | 11.8         |
| 4871.500000     | 51.24            | ---              | 74.00          | 22.76       | 100.0       | H   | 62.0          | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

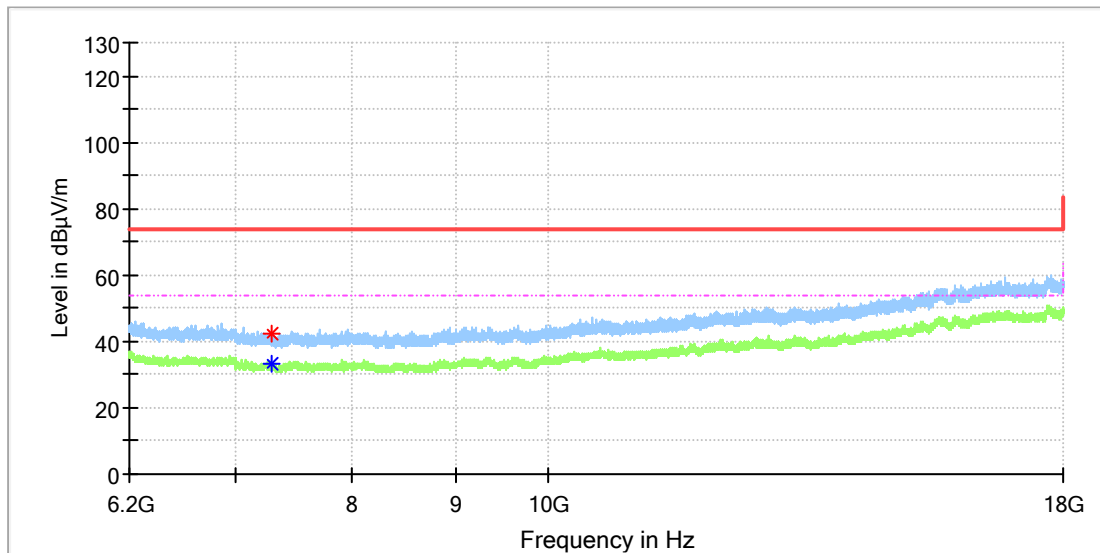
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4858.000000     | 50.71            | ---              | 74.00          | 23.29       | 100.0       | V   | 101.0         | 11.8         |
| 4861.000000     | ---              | 39.18            | 54.00          | 14.82       | 100.0       | V   | 128.0         | 11.8         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

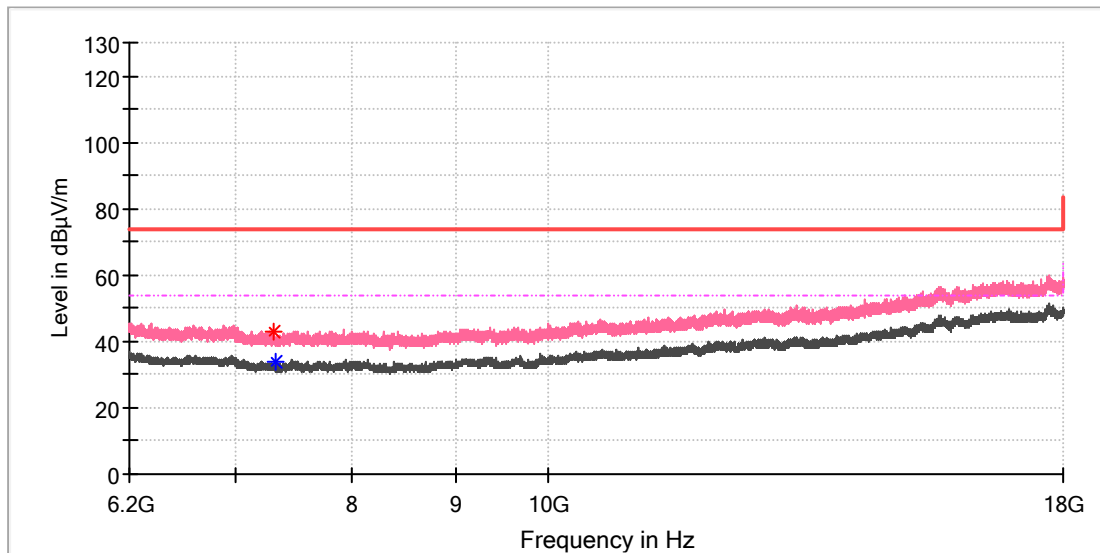
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7287.075000     | ---              | 33.46            | 54.00          | 20.54       | 100.0       | H   | 42.0          | 8.4          |
| 7291.991667     | 42.42            | ---              | 74.00          | 31.58       | 100.0       | H   | 0.0           | 8.3          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch6      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7309.200000     | 42.79            | ---              | 74.00          | 31.21       | 100.0       | V   | 228.0         | 8.2          |
| 7333.291667     | ---              | 33.64            | 54.00          | 20.36       | 100.0       | V   | 133.0         | 8.1          |

## Final Result

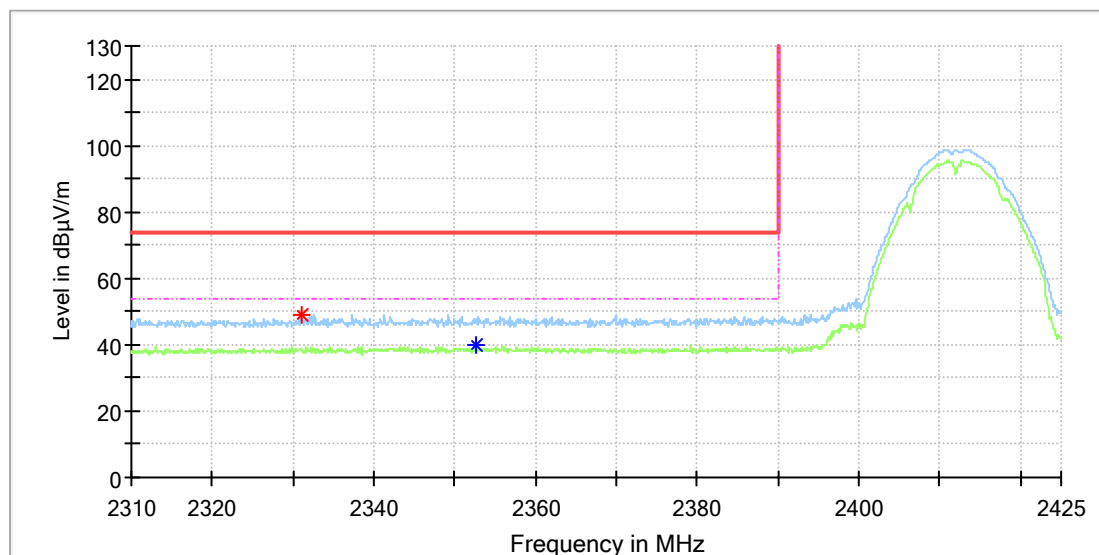
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode, 1 Mbps

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

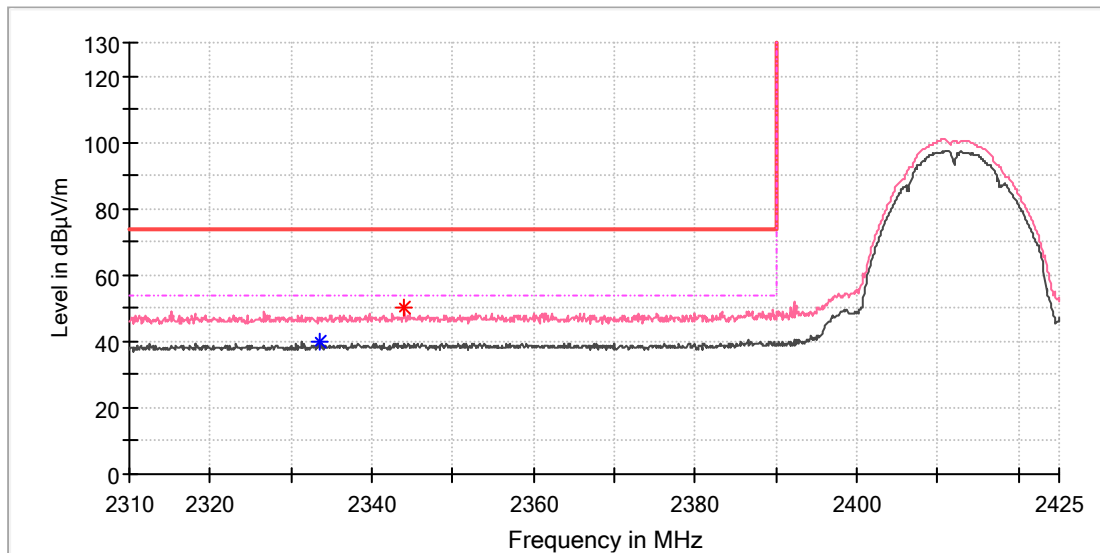
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2331.000000     | 49.27            | ---              | 74.00          | 24.73       | 100.0       | H   | 319.0         | 6.7          |
| 2352.600000     | ---              | 39.63            | 54.00          | 14.37       | 100.0       | H   | 186.0         | 6.9          |

### Final\_Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

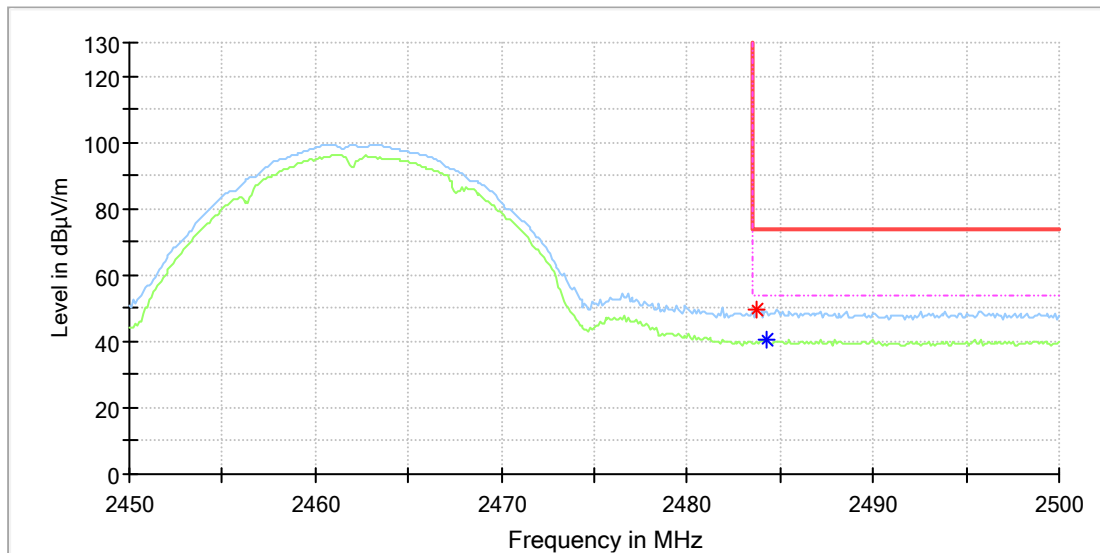
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2333.500000     | ---              | 40.01            | 54.00          | 13.99       | 100.0       | V   | 299.0         | 6.7          |
| 2344.000000     | 50.27            | ---              | 74.00          | 23.73       | 100.0       | V   | 129.0         | 6.9          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

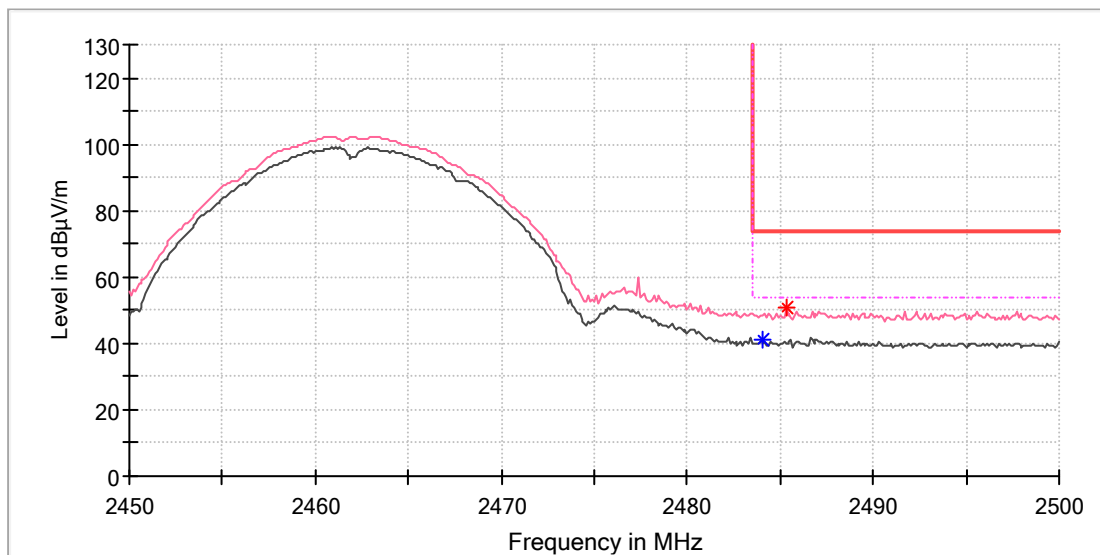
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.700000     | 49.57            | ---              | 74.00          | 24.43       | 100.0       | H   | 147.0         | 7.4          |
| 2484.300000     | ---              | 40.67            | 54.00          | 13.33       | 100.0       | H   | 167.0         | 7.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.000000     | ---              | 41.25            | 54.00          | 12.75       | 100.0       | V   | 74.0          | 7.4          |
| 2485.300000     | 50.49            | ---              | 74.00          | 23.51       | 100.0       | V   | 248.0         | 7.4          |

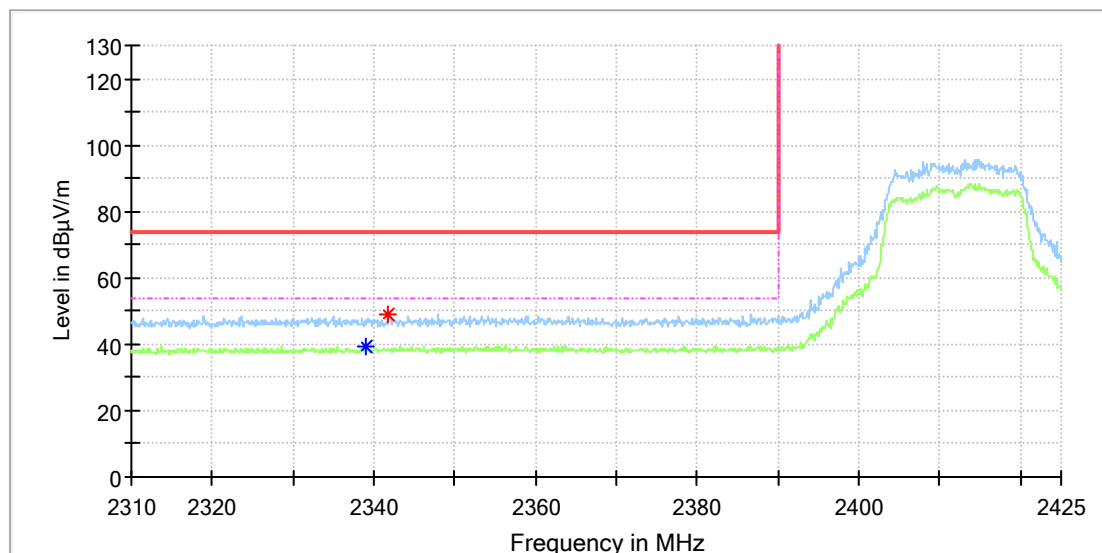
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## Wi-Fi 802.11 g mode, 6 Mbps

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

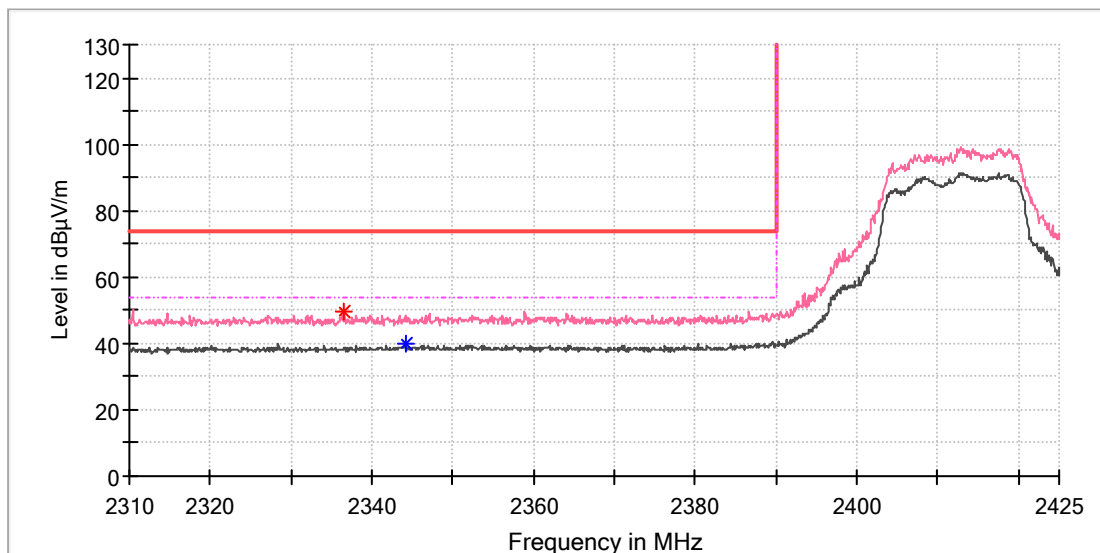
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2338.900000     | ---              | 39.27            | 54.00          | 14.73       | 100.0       | H   | 0.0           | 6.8          |
| 2341.800000     | 48.86            | ---              | 74.00          | 25.14       | 100.0       | H   | 141.0         | 6.8          |

### Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch1        |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

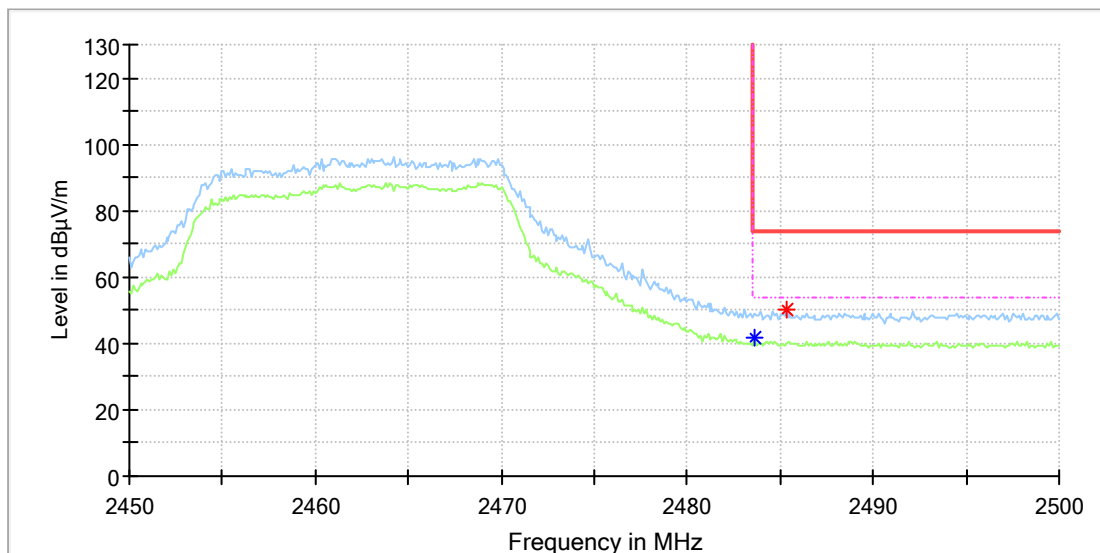
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2336.600000     | 49.46            | ---              | 74.00          | 24.54       | 100.0       | V   | 152.0         | 6.8          |
| 2344.100000     | ---              | 39.85            | 54.00          | 14.15       | 100.0       | V   | 274.0         | 6.9          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

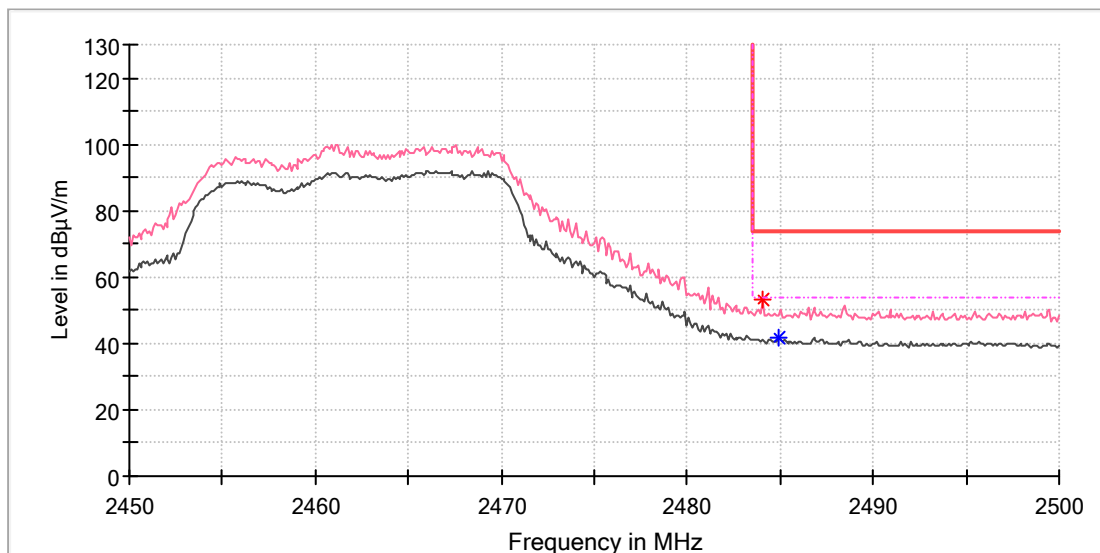
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.600000     | ---              | 41.50            | 54.00          | 12.50       | 100.0       | H   | 264.0         | 7.4          |
| 2485.300000     | 50.00            | ---              | 74.00          | 24.00       | 100.0       | H   | 164.0         | 7.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11g_Ch11       |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.100000     | 53.05            | ---              | 74.00          | 20.95       | 100.0       | V   | 208.0         | 7.4          |
| 2484.900000     | ---              | 41.70            | 54.00          | 12.30       | 100.0       | V   | 208.0         | 7.4          |

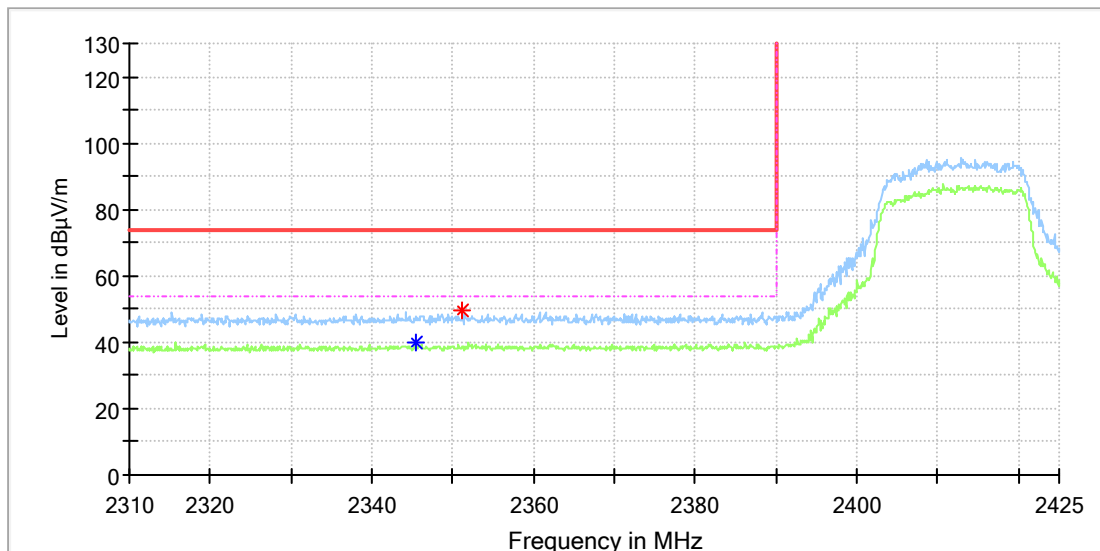
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

Wi-Fi 802.11 n(HT20) mode, MCS0

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch1      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

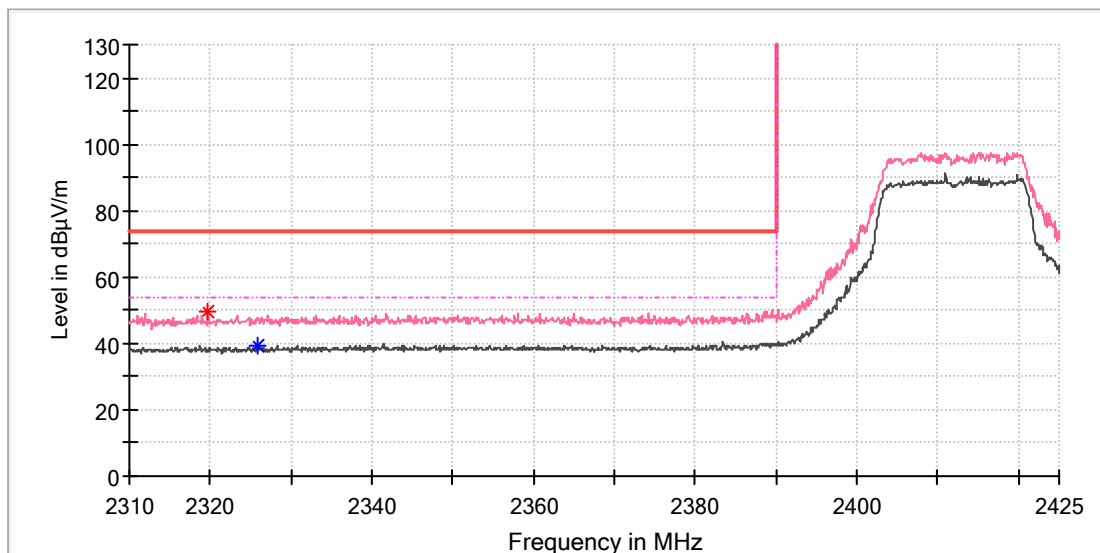
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2345.400000     | ---              | 39.97            | 54.00          | 14.03       | 100.0       | H   | 128.0         | 6.9          |
| 2351.200000     | 49.35            | ---              | 74.00          | 24.65       | 100.0       | H   | 45.0          | 6.9          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch1      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

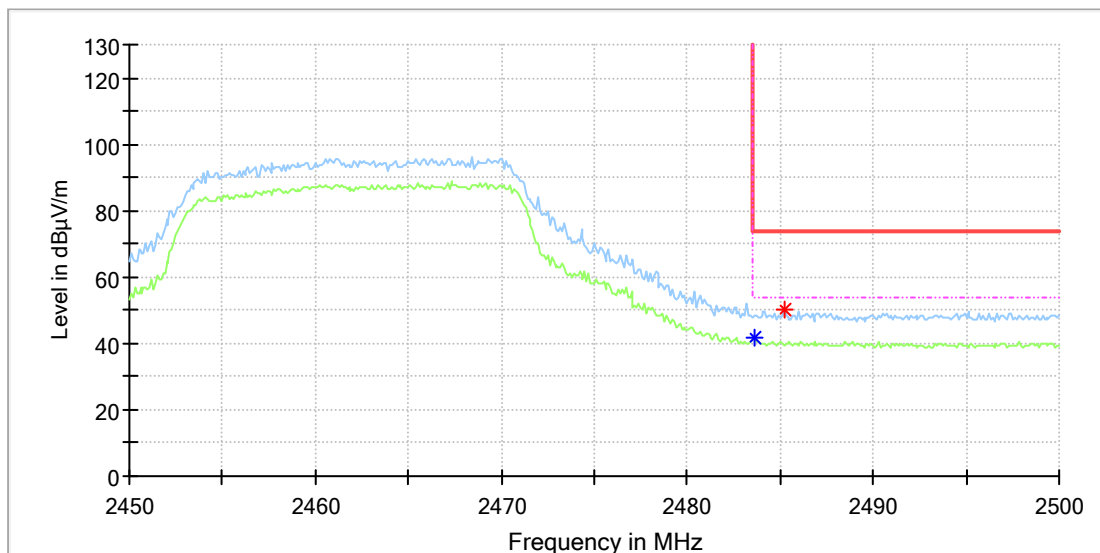
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2319.700000     | 49.40            | ---              | 74.00          | 24.60       | 100.0       | V   | 167.0         | 6.6          |
| 2325.800000     | ---              | 39.07            | 54.00          | 14.93       | 100.0       | V   | 32.0          | 6.7          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch11     |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

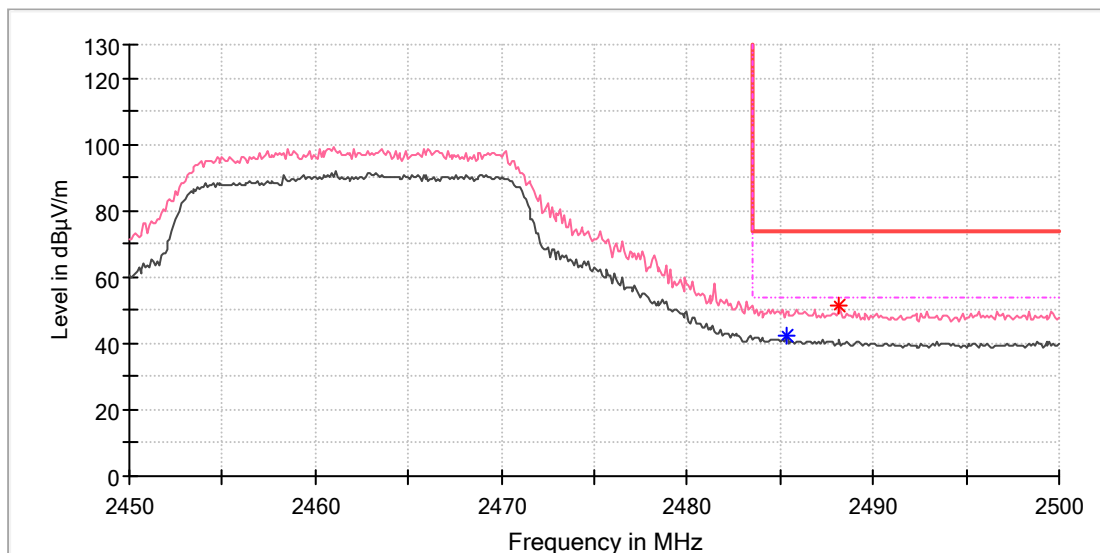
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.600000     | ---              | 41.86            | 54.00          | 12.14       | 100.0       | H   | 165.0         | 7.4          |
| 2485.200000     | 49.89            | ---              | 74.00          | 24.11       | 100.0       | H   | 175.0         | 7.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n20_Ch11     |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.300000     | ---              | 42.35            | 54.00          | 11.65       | 100.0       | V   | 210.0         | 7.4          |
| 2488.200000     | 51.30            | ---              | 74.00          | 22.70       | 100.0       | V   | 216.0         | 7.4          |

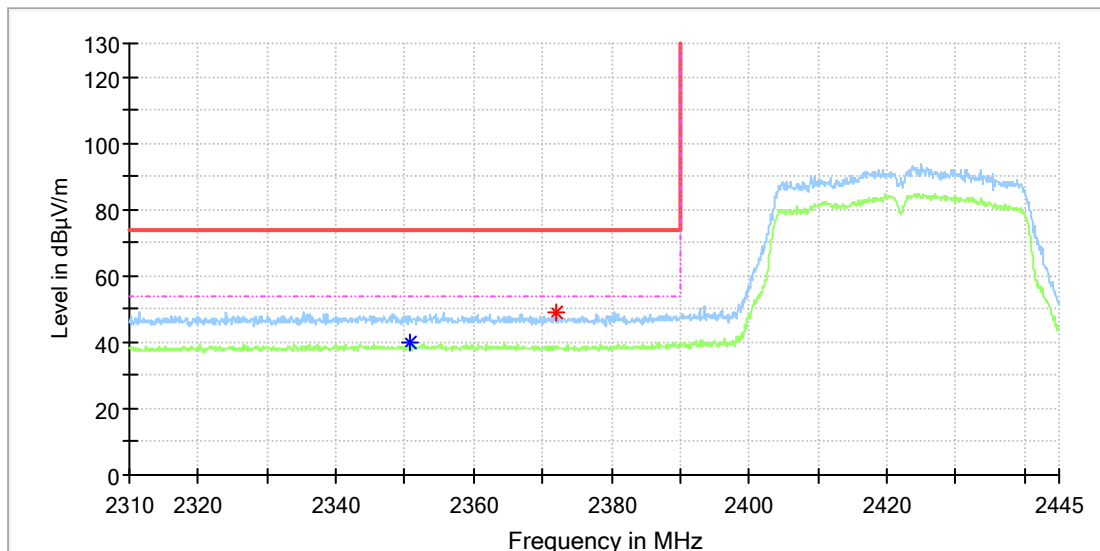
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

Wi-Fi 802.11 n(HT40) mode, MCS0

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch3      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

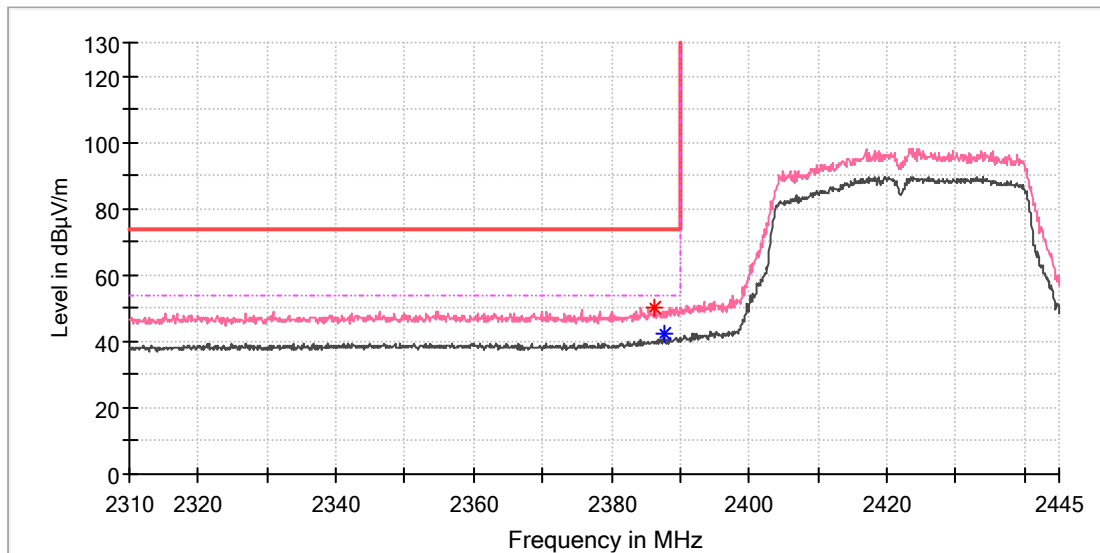
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2350.800000     | ---              | 40.00            | 54.00          | 14.00       | 100.0       | H   | 18.0          | 6.9          |
| 2371.900000     | 49.21            | ---              | 74.00          | 24.79       | 100.0       | H   | 325.0         | 6.9          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch3      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

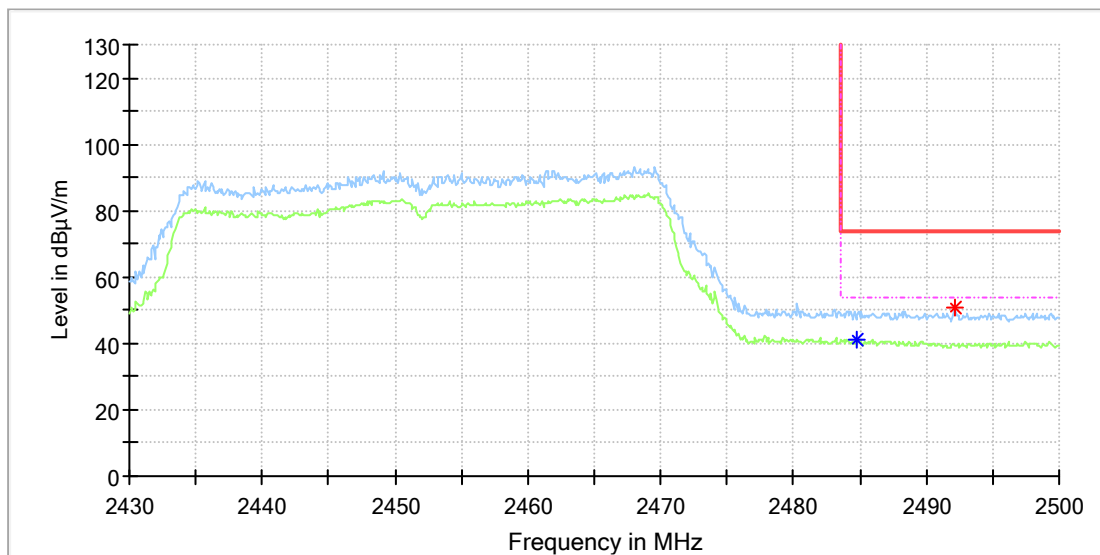
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2386.300000     | 50.17            | ---              | 74.00          | 23.83       | 100.0       | V   | 0.0           | 7.0          |
| 2387.600000     | ---              | 42.04            | 54.00          | 11.96       | 100.0       | V   | 205.0         | 7.0          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch9      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

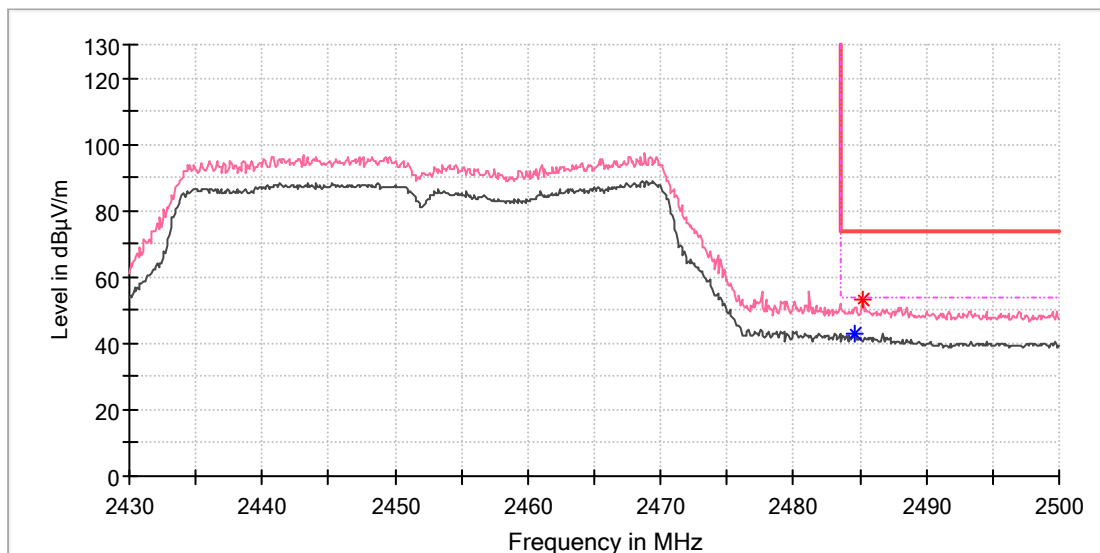
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.800000     | ---              | 41.08            | 54.00          | 12.92       | 100.0       | H   | 268.0         | 7.4          |
| 2492.100000     | 50.56            | ---              | 74.00          | 23.44       | 100.0       | H   | 85.0          | 7.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Portable Thermal Camera  |
| Model:              | Titan HD                 |
| Test Mode:          | WIFI 2.4G_11n40_Ch9      |
| Order No/Sample No: | 168392026/A003352666-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.600000     | ---              | 42.75            | 54.00          | 11.25       | 100.0       | V   | 220.0         | 7.4          |
| 2485.200000     | 53.34            | ---              | 74.00          | 20.66       | 100.0       | V   | 213.0         | 7.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |