

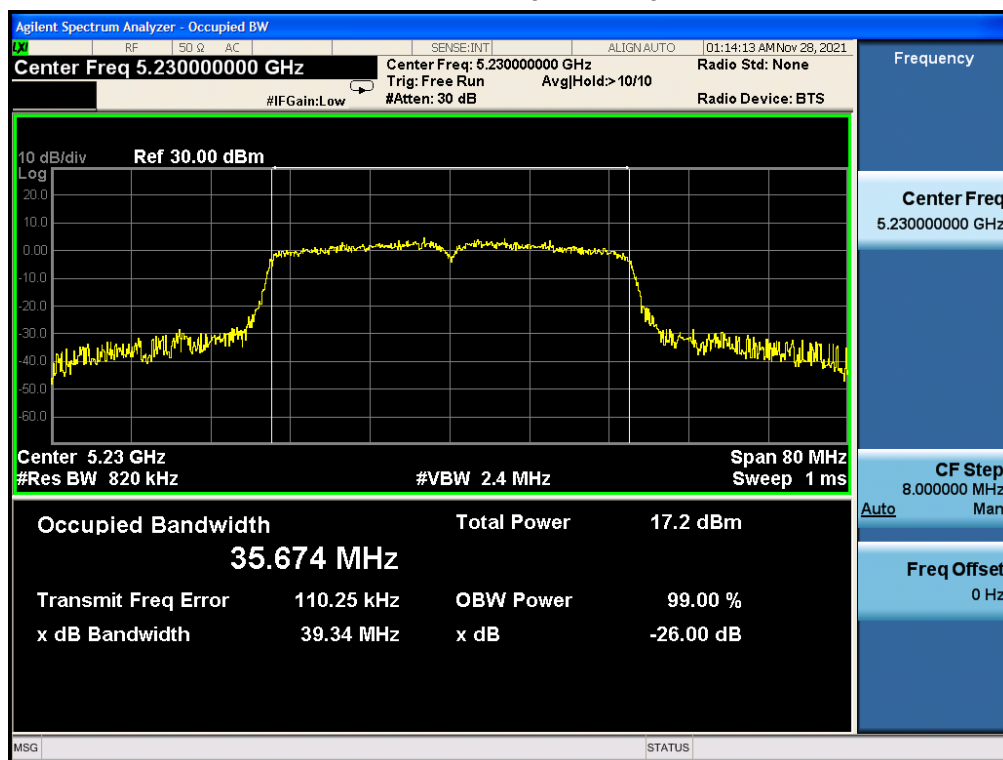
#### 4.3.4 Test Data

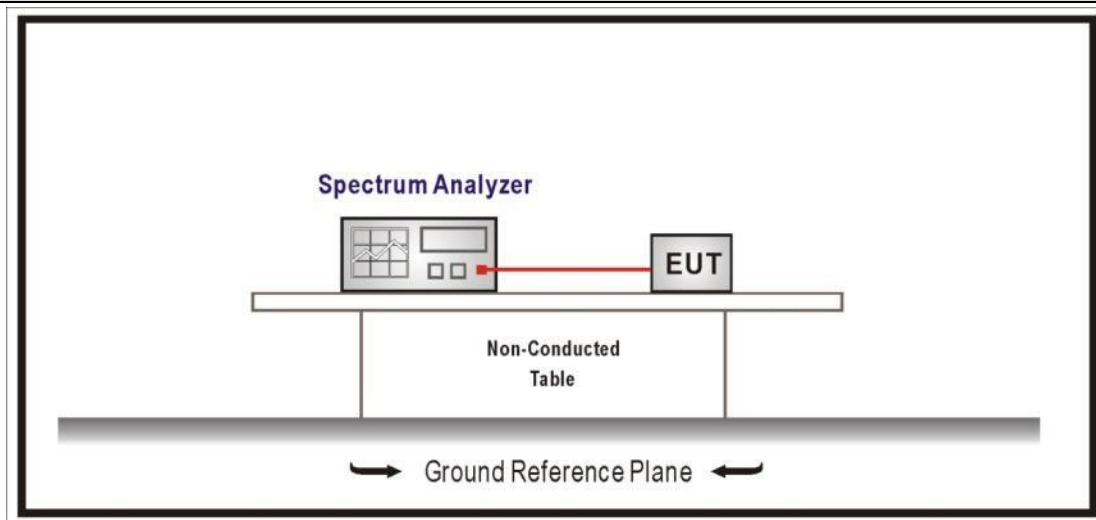
| Mode | CH. | Test Freq.<br>(MHz) | 26dB Emission<br>Bandwidth<br>(MHz) | 99%<br>Occupied Bandwidth<br>(MHz) | Lower/Higher Frequency<br>(MHz) | Result |
|------|-----|---------------------|-------------------------------------|------------------------------------|---------------------------------|--------|
| 1    | 36  | 5180                | 19.16                               | 17.427                             | 5171.2865                       | Pass   |
|      | 44  | 5220                | 19.35                               | 17.400                             | N/A                             | Pass   |
|      | 48  | 5240                | 19.40                               | 17.458                             | 5248.729                        | Pass   |
| 2    | 38  | 5190                | 39.35                               | 35.701                             | 5172.1495                       | Pass   |
|      | 46  | 5230                | 39.34                               | 35.674                             | 5247.837                        | Pass   |
| 3    | 42  | 5210                | 81.25                               | 74.098                             | 5172.951/5247.049               | Pass   |

Note 1 : The worst case of Emission Bandwidth as below:

Note 2: We have evaluated each operating mode and SISO/MIMO mode, SISO mode is worse ,shown in the report is the worst SISO data.

#### Mode 2 CH46(5230MHz)



**4.4 6dB bandwidth****VERDICT: PASS****4.4.1 Limit**6dB Bandwidth  $\geq 500\text{kHz}$ **4.4.2 Test Setup****4.4.3 Test Procedure**

## Test Method

|                                     | References Rule          | Chapter | Description                                                  |
|-------------------------------------|--------------------------|---------|--------------------------------------------------------------|
| <input type="checkbox"/>            | ANSI C63.10              | 12.4    | Emission bandwidth and occupied bandwidth                    |
| <input type="checkbox"/>            | ANSI C63.10              | 12.4.1  | Emission bandwidth (26dB)                                    |
| <input type="checkbox"/>            | ANSI C63.10              | 12.4.2  | Occupied bandwidth (99%)                                     |
| <input checked="" type="checkbox"/> | FCC KDB 789033 D02v02r01 | C       | Bandwidth Measurement                                        |
| <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | C.1     | Emission Bandwidth (26dB)                                    |
| <input checked="" type="checkbox"/> | FCC KDB 789033 D02v02r01 | C.2     | Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB) |
| <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | D       | 99 Percent Occupied Bandwidth                                |

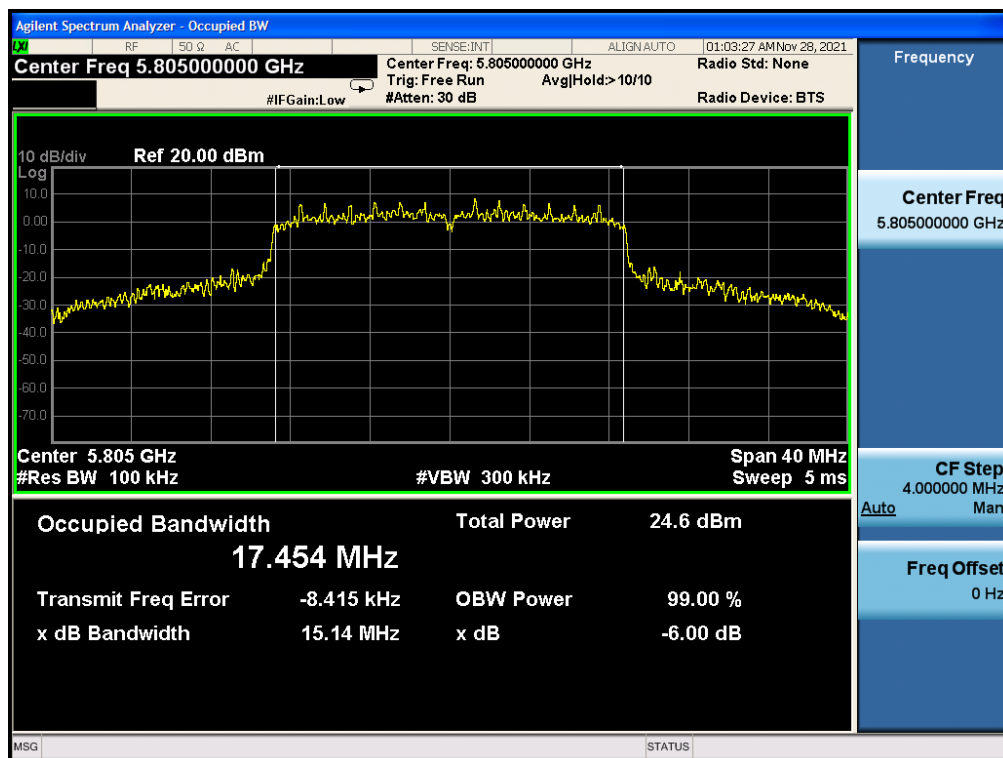
#### 4.4.4 Test Data

| Mode | CH. | Test Freq.<br>(MHz) | 6dB Occupied Bandwidth<br>(MHz) | Limit<br>(kHz) | Result |
|------|-----|---------------------|---------------------------------|----------------|--------|
| 1    | 149 | 5745                | 15.15                           | >500           | Pass   |
|      | 157 | 5785                | 15.17                           | >500           | Pass   |
|      | 161 | 5805                | 15.14                           | >500           | Pass   |
| 2    | 151 | 5755                | 35.09                           | >500           | Pass   |
|      | 159 | 5795                | 35.09                           | >500           | Pass   |
| 3    | 155 | 5775                | 71.41                           | >500           | Pass   |

Note 1 : The worst case of Occupied Bandwidth as below:

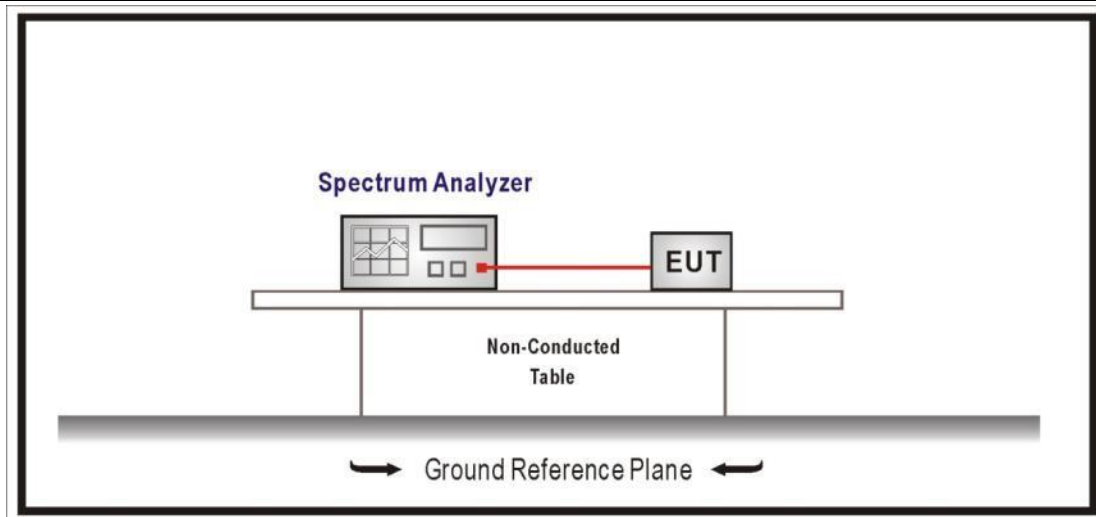
Note 2: We have evaluated each operating mode and SISO/MIMO mode, SISO mode is worse ,shown in the report is the worst SISO data.

#### Mode 1 CH161(5805MHz)



**4.5 Duty cycle****VERDICT: PASS****4.5.1 Limit**

N/A

**4.5.2 Test Setup****4.5.3 Test Procedure**

| References Rule                     |             | Chapter | Description                                                                |
|-------------------------------------|-------------|---------|----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | ANSI C63.10 | 11.6    | Duty cycle (D), transmission duration (T), and maximum power control level |

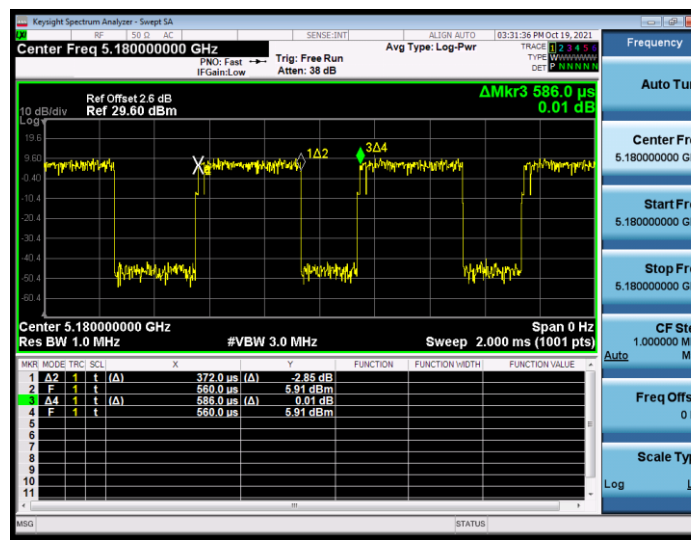
#### 4.5.4 Test Data

| Test Mode | Tx On (ms) | VBW (kHz) | Tx On + Tx Off (ms) | Duty Cycle |
|-----------|------------|-----------|---------------------|------------|
| 1         | 0.372      | 3         | 0.586               | 63.48%     |
| 2         | 0.204      | 5         | 0.448               | 45.54%     |
| 3         | 0.115      | 10        | 0.342               | 33.63%     |

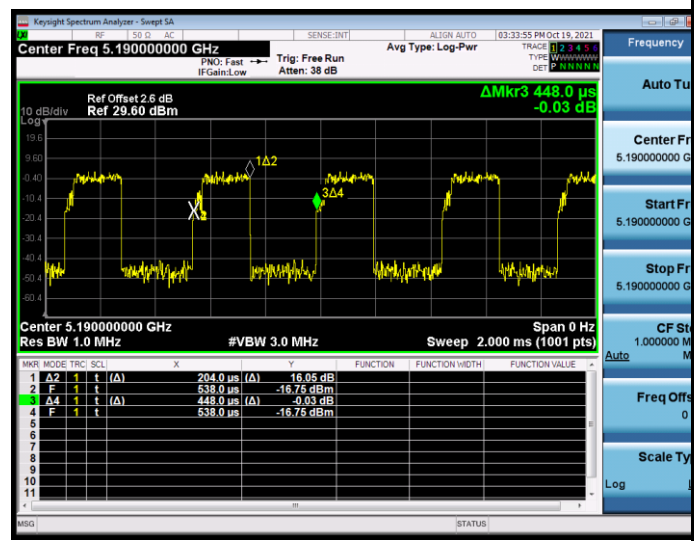
Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Note 2: According to KDB 789033, when test for Radiated Emission Band Edge and Radiated Emission, for average detector set:  $VBW \geq 1/T$  will be used.

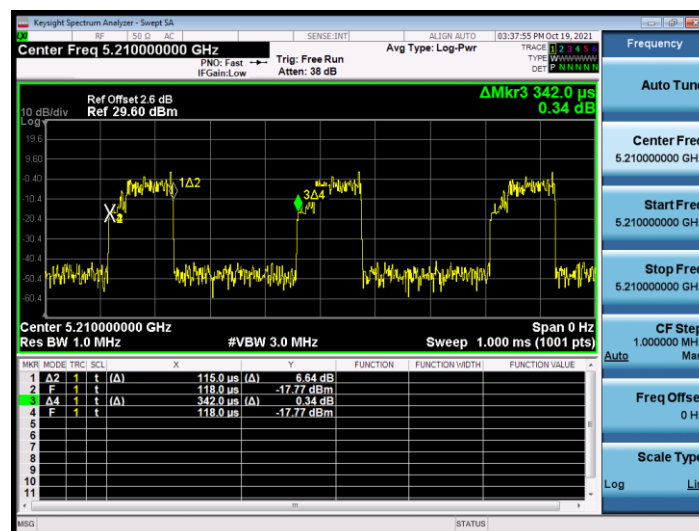
Mode 1



Mode 2



Mode 3



**4.6 Power Output****VERDICT: PASS****4.6.1 Limit**

Fundamental emission output power Limit

For the band 5.15-5.25 GHz

☒ The maximum e.i.r.p. shall not exceed 200 mW or  $10 + 10 \log_{10} B$ , dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

For the band 5.25-5.35 GHz:

☐ The maximum conducted output power shall not exceed 250mW or  $11\text{dBm} + 10 \log B$ , whichever is less, the maximum e.i.r.p. shall not exceed 1.0 W or  $17\text{dBm} + 10 \log B$ , whichever is less, where B is the 99% bandwidth in MHz.

For the band 5.47-5.725 GHz:

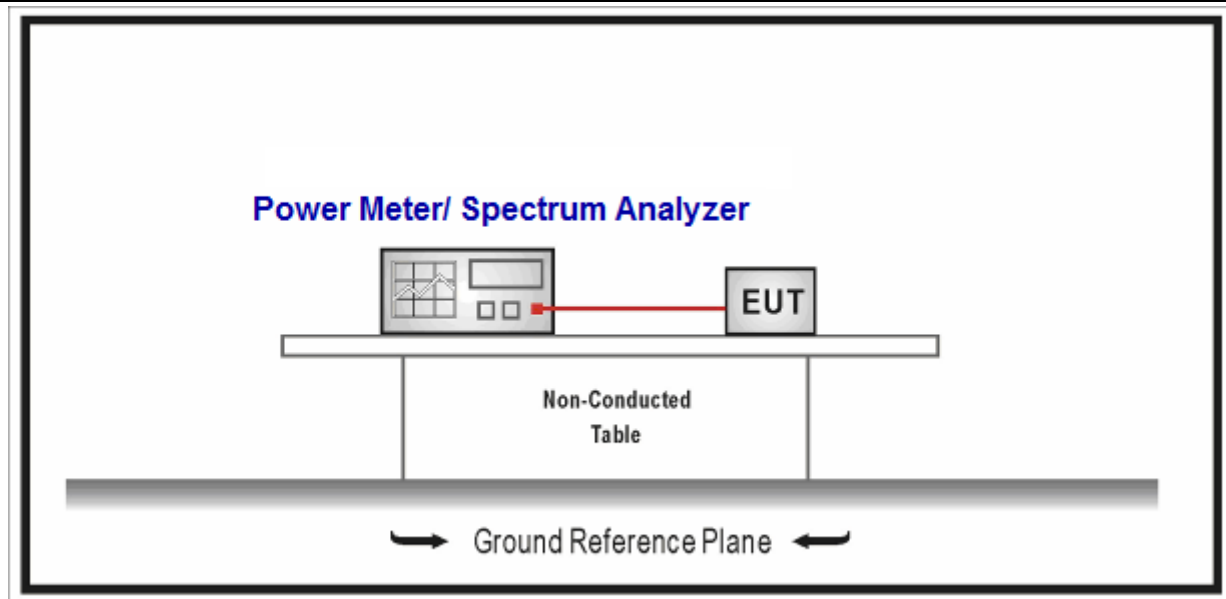
☐ The maximum conducted output power shall not exceed 250mW or  $11\text{dBm} + 10 \log B$ , whichever is less, the maximum e.i.r.p. shall not exceed 1.0 W or  $17\text{dBm} + 10 \log B$ , whichever is less, where B is the 99% bandwidth in MHz.

For the band 5.725-5.85 GHz:

☒ The maximum conducted output power ( $P_{\text{Out}}$ ) shall not exceed 1 W. If  $G_{\text{TX}} > 6 \text{ dBi}$ , then  $P_{\text{Out}} = 30 - (G_{\text{TX}} - 6)$

Note 1 :  $G_{\text{TX}}$  directional gain of transmitting antennas.Note 2 :  $P_{\text{Out}}$  is maximum conducted output power .

#### 4.6.2 Test Setup



#### 4.6.3 Test Procedure

##### Fundamental emission output power Test Method

|                                     | References Rule                     |                                                 | Chapter  | Description                                                                               |
|-------------------------------------|-------------------------------------|-------------------------------------------------|----------|-------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | ANSI C63.10                         |                                                 | 12.3     | Maximum conducted output power                                                            |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10                                     | 12.3.2   | Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver |
|                                     |                                     | <input type="checkbox"/> ANSI C63.10            | 12.3.2.2 | Method SA-1                                                                               |
|                                     |                                     | <input type="checkbox"/> ANSI C63.10            | 12.3.2.3 | Method SA-1A (alternative)                                                                |
|                                     |                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 12.3.2.4 | Method SA-2                                                                               |
|                                     |                                     | <input type="checkbox"/> ANSI C63.10            | 12.3.2.5 | Method SA-2A (alternative)                                                                |
|                                     |                                     | <input type="checkbox"/> ANSI C63.10            | 12.3.2.6 | Method SA-3                                                                               |
|                                     |                                     | <input type="checkbox"/> ANSI C63.10            | 12.3.2.7 | Method SA-3A (alternative)                                                                |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10                                     | 12.3.3   | Maximum conducted output power using a power meter                                        |
|                                     |                                     | <input type="checkbox"/> ANSI C63.10            | 12.3.3.1 | Method PM                                                                                 |
|                                     |                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 12.3.3.2 | Method PM-G                                                                               |

| Directional Gain Calculations for In-Band test method |                                     |             |             |                                                                   |
|-------------------------------------------------------|-------------------------------------|-------------|-------------|-------------------------------------------------------------------|
|                                                       | References Rule                     |             | Chapter     | Description                                                       |
| <input type="checkbox"/>                              | KDB 662911                          |             | F2)a)       | Basic methodology                                                 |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)a) (i)   | transmit signals are correlated                                   |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)a) (ii)  | transmit signals are uncorrelated                                 |
| <input type="checkbox"/>                              | KDB 662911                          |             | F2)b)       | Sectorized antenna systems.                                       |
| <input type="checkbox"/>                              | KDB 662911                          |             | F2)c)       | Cross-polarized antennas                                          |
|                                                       | <input type="checkbox"/>            | ANSI C63.10 | F2)c) (i)   | Cross-polarized antennas                                          |
|                                                       | <input type="checkbox"/>            | ANSI C63.10 | F2)c) (ii)  | Multiple antennas                                                 |
| <input checked="" type="checkbox"/>                   | KDB 662911                          |             | F2)e)       | Spatial stream                                                    |
|                                                       | <input checked="" type="checkbox"/> | KDB 662911  | F2)e) (i)   | Antennas have the same gain                                       |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)e) (ii)  | Antenna have the different gain with one spatial stream           |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)e) (iii) | Antenna have the different gain with more than one spatial stream |
| <input checked="" type="checkbox"/>                   | KDB 662911                          |             | F2)f)       | Cyclic Delay Diversity (CDD)                                      |
|                                                       | <input checked="" type="checkbox"/> | KDB 662911  | F2)f) (i)   | Antennas have the same gain                                       |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)f) (ii)  | Antenna have the different gain with one spatial stream           |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)f) (iii) | Antenna have the different gain with more than one spatial stream |

**4.6.4 Test Data****SISO(Ant 2)**

| Mode | Channel | Test Frequency (MHz) | Power Output (dBm) | EIRP Power (dBm) | Limit (dBm) | EIRP Limit (dBm) | Result |
|------|---------|----------------------|--------------------|------------------|-------------|------------------|--------|
| 1    | 36      | 5180                 | 14.87              | 19.97            | N/A         | ≤23              | Pass   |
|      | 44      | 5220                 | 14.85              | 19.95            | N/A         | ≤23              | Pass   |
|      | 48      | 5240                 | 14.82              | 19.92            | N/A         | ≤23              | Pass   |
|      | 149     | 5745                 | 17.61              | 22.71            | ≤30         | N/A              | Pass   |
|      | 157     | 5785                 | 17.81              | 22.91            | ≤30         | N/A              | Pass   |
|      | 161     | 5805                 | 17.68              | 22.78            | ≤30         | N/A              | Pass   |
| 2    | 38      | 5190                 | 15.73              | 20.83            | N/A         | ≤23              | Pass   |
|      | 46      | 5230                 | 16.79              | 21.89            | N/A         | ≤23              | Pass   |
|      | 151     | 5755                 | 17.88              | 22.98            | ≤30         | N/A              | Pass   |
|      | 159     | 5795                 | 17.71              | 22.81            | ≤30         | N/A              | Pass   |
| 3    | 42      | 5210                 | 14.78              | 19.88            | N/A         | ≤23              | Pass   |
|      | 155     | 5775                 | 17.62              | 22.72            | ≤30         | N/A              | Pass   |

**MIMO (Ant 1+2)**

| Mode | Channel | Test Frequency (MHz) | Power Output (dBm) | EIRP Power (dBm) | Limit (dBm) | EIRP Limit (dBm) | Result |
|------|---------|----------------------|--------------------|------------------|-------------|------------------|--------|
| 1    | 36      | 5180                 | 12.58              | 17.68            | N/A         | ≤23              | Pass   |
|      | 44      | 5220                 | 12.55              | 17.65            | N/A         | ≤23              | Pass   |
|      | 48      | 5240                 | 12.62              | 17.72            | N/A         | ≤23              | Pass   |
|      | 149     | 5745                 | 20.68              | 25.78            | ≤30         | N/A              | Pass   |
|      | 157     | 5785                 | 20.71              | 25.81            | ≤30         | N/A              | Pass   |
|      | 161     | 5805                 | 20.79              | 25.89            | ≤30         | N/A              | Pass   |
| 2    | 38      | 5190                 | 15.70              | 20.80            | N/A         | ≤23              | Pass   |
|      | 46      | 5230                 | 15.65              | 20.75            | N/A         | ≤23              | Pass   |
|      | 151     | 5755                 | 20.62              | 25.72            | ≤30         | N/A              | Pass   |
|      | 159     | 5795                 | 20.63              | 25.73            | ≤30         | N/A              | Pass   |
| 3    | 42      | 5210                 | 14.67              | 19.77            | N/A         | ≤23              | Pass   |
|      | 155     | 5775                 | 20.74              | 25.84            | ≤30         | N/A              | Pass   |

| Power setting parameter |                |               |              |
|-------------------------|----------------|---------------|--------------|
| Test Mode               | Frequency(MHz) | Power Setting |              |
|                         |                | SISO(Ant2)    | MIMO(Ant1+2) |
| Mode 1                  | 5180           | 15.00         | 13.00        |
|                         | 5220           | 15.00         | 13.00        |
|                         | 5240           | 15.00         | 13.00        |
|                         | 5745           | 18.00         | 21.00        |
|                         | 5785           | 18.00         | 21.00        |
|                         | 5805           | 18.00         | 21.00        |
| Mode 2                  | 5190           | 16.00         | 16.00        |
|                         | 5230           | 17.00         | 16.00        |
|                         | 5755           | 18.00         | 21.00        |
|                         | 5795           | 18.00         | 21.00        |
| Mode 3                  | 5210           | 15.00         | 15.00        |
|                         | 5775           | 18.00         | 21.00        |

4.7 Maximum Power Spectral Density

VERDICT: PASS

**4.7.1 Limit:**

Maximum Power Spectral Density Limit

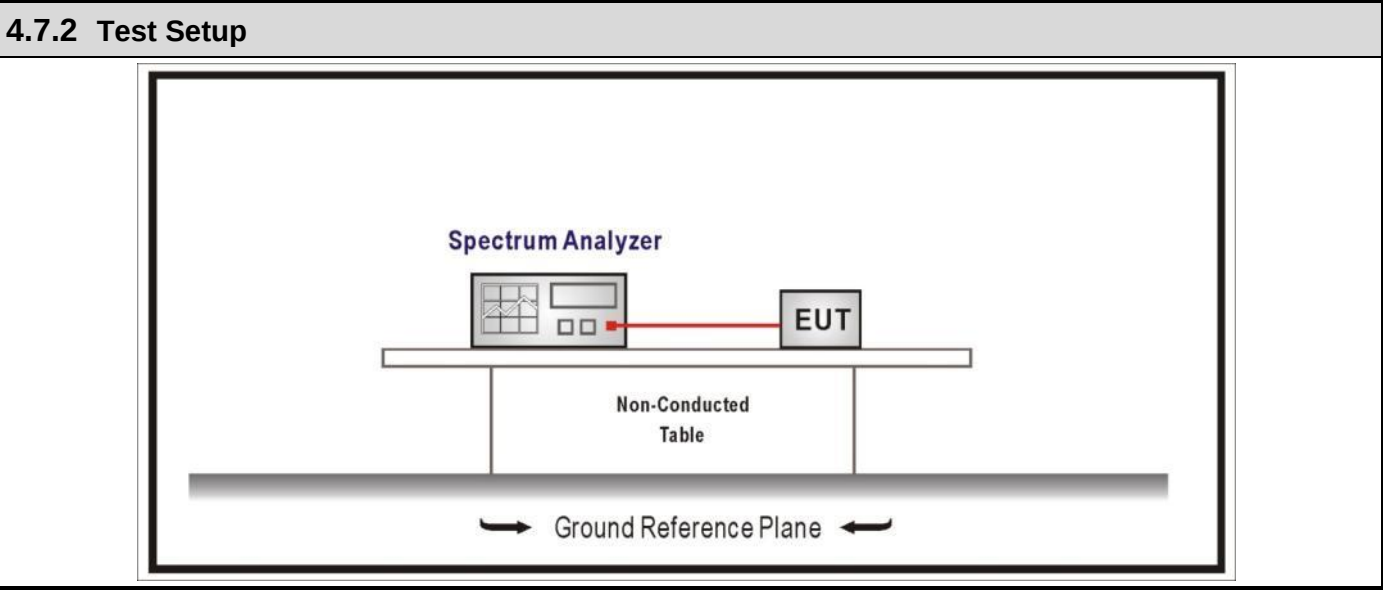
For the band 5.15-5.25 GHz: The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

For the band 5.725-5.85 GHz: The power spectral density shall not exceed 30 dBm in any 500 kHz band.

If GTX > 6dBi, then  $P_{out} \leq 30 - (GTX - 6)$

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum power spectral density.



| 4.7.3 Test Procedure                |                          |         |                                      |
|-------------------------------------|--------------------------|---------|--------------------------------------|
|                                     | References Rule          | Chapter | Description                          |
| <input checked="" type="checkbox"/> | ANSI C63.10              | 12.5    | Peak power spectral density          |
| <input checked="" type="checkbox"/> | FCC KDB 789033 D02v02r01 | F       | Maximum Power Spectral Density (PSD) |

#### 4.7.4 Directional Gain Calculations for In-Band test method

|                                     | References Rule                                | Chapter     | Description                                                       |
|-------------------------------------|------------------------------------------------|-------------|-------------------------------------------------------------------|
| <input type="checkbox"/>            | KDB 662911                                     | F2)a)       | Basic methodology                                                 |
|                                     | <input type="checkbox"/> KDB 662911            | F2)a) (i)   | transmit signals are correlated                                   |
|                                     | <input type="checkbox"/> KDB 662911            | F2)a) (ii)  | transmit signals are uncorrelated                                 |
| <input type="checkbox"/>            | KDB 662911                                     | F2)b)       | Sectorized antenna systems.                                       |
| <input type="checkbox"/>            | KDB 662911                                     | F2)c)       | Cross-polarized antennas                                          |
|                                     | <input type="checkbox"/> ANSI C63.10           | F2)c) (i)   | Cross-polarized antennas                                          |
|                                     | <input type="checkbox"/> ANSI C63.10           | F2)c) (ii)  | Multiple antennas                                                 |
| <input checked="" type="checkbox"/> | KDB 662911                                     | F2)e)       | Spatial stream                                                    |
|                                     | <input checked="" type="checkbox"/> KDB 662911 | F2)e) (i)   | Antennas have the same gain                                       |
|                                     | <input type="checkbox"/> KDB 662911            | F2)e) (ii)  | Antenna have the different gain with one spatial stream           |
|                                     | <input type="checkbox"/> KDB 662911            | F2)e) (iii) | Antenna have the different gain with more than one spatial stream |
| <input checked="" type="checkbox"/> | KDB 662911                                     | F2)f)       | Cyclic Delay Diversity (CDD)                                      |
|                                     | <input checked="" type="checkbox"/> KDB 662911 | F2)f) (i)   | Antennas have the same gain                                       |
|                                     | <input type="checkbox"/> KDB 662911            | F2)f) (ii)  | Antenna have the different gain with one spatial stream           |
|                                     | <input type="checkbox"/> KDB 662911            | F2)f) (iii) | Antenna have the different gain with more than one spatial stream |

**4.7.5 Test Data****SISO(Ant 2)**

| Mode | Channel | Test Frequency (MHz) | Measurement Power Spectral Density (dBm/MHz)    | Duty facto  | Total Measurement EIRP PSD (dBm/MHz) | Limit (dBm/MHz)    | Result |
|------|---------|----------------------|-------------------------------------------------|-------------|--------------------------------------|--------------------|--------|
| 1    | 36      | 5180                 | 2.074                                           | 1.97        | 9.144                                | ≤10                | Pass   |
|      | 44      | 5220                 | 2.661                                           | 1.97        | 9.731                                | ≤10                | Pass   |
|      | 48      | 5240                 | 2.692                                           | 1.97        | 9.762                                | ≤10                | Pass   |
|      | Channe  | Test Frequency (MHz) | Measurement Power Spectral Density (dBm/500KHz) | Duty factor | Total Measurement PSD (dBm/500KHz)   | Limit (dBm/500KHz) | Result |
|      | 149     | 5745                 | 2.275                                           | 1.97        | 4.245                                | ≤30                | Pass   |
|      | 157     | 5785                 | 2.054                                           | 1.97        | 4.024                                | ≤30                | Pass   |
|      | 165     | 5825                 | 4.346                                           | 1.97        | 6.316                                | ≤30                | Pass   |
| Mode | Channel | Test Frequency (MHz) | Measurement Power Spectral Density (dBm/MHz)    | Duty facto  | Total Measurement EIRP PSD (dBm/MHz) | Limit (dBm/MHz)    | Result |
| 2    | 38      | 5190                 | -0.729                                          | 3.42        | 7.791                                | ≤10                | Pass   |
|      | 46      | 5230                 | 0.099                                           | 3.42        | 8.619                                | ≤10                | Pass   |
|      | Channe  | Test Frequency (MHz) | Measurement Power Spectral Density (dBm/500KHz) | Duty factor | Total Measurement PSD (dBm/500KHz)   | Limit (dBm/500KHz) | Result |
|      | 151     | 5755                 | -1.071                                          | 3.42        | 2.349                                | ≤30                | Pass   |
|      | 159     | 5795                 | -1.495                                          | 3.42        | 1.925                                | ≤30                | Pass   |
| Mode | Channel | Test Frequency (MHz) | Measurement Power Spectral Density (dBm/MHz)    | Duty facto  | Total Measurement EIRP PSD (dBm/MHz) | Limit (dBm/MHz)    | Result |
| 3    | 42      | 5210                 | -6.188                                          | 4.73        | 3.642                                | ≤10                | Pass   |
|      | Channe  | Test                 | Measurement                                     | Duty        | Total Measurement PSD                | Limit              |        |

|                      |         | Frequency<br>(MHz)         | Power<br>Spectral<br>Density<br>(dBm/500KHz)                | factor         | (dBm/500KHz)                            | (dBm/500KHz)          | Result |
|----------------------|---------|----------------------------|-------------------------------------------------------------|----------------|-----------------------------------------|-----------------------|--------|
|                      | 155     | 5775                       | -6.027                                                      | 4.73           | -1.297                                  | ≤30                   | Pass   |
| <b>MIMO(Ant 1+2)</b> |         |                            |                                                             |                |                                         |                       |        |
| Mode                 | Channel | Test<br>Frequency<br>(MHz) | Measurement<br>Power<br>Spectral<br>Density<br>(dBm/MHz)    | Duty<br>facto  | Total Measurement EIRP PSD<br>(dBm/MHz) | Limit<br>(dBm/MHz)    | Result |
| 1                    | 36      | 5180                       | -3.773                                                      | 1.97           | 9.317                                   | ≤10                   | Pass   |
|                      | 44      | 5220                       | -3.318                                                      | 1.97           | 9.772                                   | ≤10                   | Pass   |
|                      | 48      | 5240                       | -3.271                                                      | 1.97           | 9.819                                   | ≤10                   | Pass   |
|                      | Channe  | Test<br>Frequency<br>(MHz) | Measurement<br>Power<br>Spectral<br>Density<br>(dBm/500KHz) | Duty<br>factor | Total Measurement PSD<br>(dBm/500KHz)   | Limit<br>(dBm/500KHz) | Result |
|                      | 149     | 5745                       | 1.214                                                       | 1.97           | 6.194                                   | ≤30                   | Pass   |
|                      | 157     | 5785                       | 0.928                                                       | 1.97           | 5.908                                   | ≤30                   | Pass   |
|                      | 165     | 5825                       | 1.632                                                       | 1.97           | 6.612                                   | ≤30                   | Pass   |
|                      |         |                            |                                                             |                |                                         |                       |        |
| Mode                 | Channel | Test<br>Frequency<br>(MHz) | Measurement<br>Power<br>Spectral<br>Density<br>(dBm/MHz)    | Duty<br>facto  | Total Measurement EIRP PSD<br>(dBm/MHz) | Limit<br>(dBm/MHz)    | Result |
| 2                    | 38      | 5190                       | -5.250                                                      | 3.42           | 9.290                                   | ≤10                   | Pass   |
|                      | 46      | 5230                       | -4.812                                                      | 3.42           | 9.728                                   | ≤10                   | Pass   |
|                      | Channe  | Test<br>Frequency<br>(MHz) | Measurement<br>Power<br>Spectral<br>Density<br>(dBm/500KHz) | Duty<br>factor | Total Measurement PSD<br>(dBm/500KHz)   | Limit<br>(dBm/500KHz) | Result |
|                      | 151     | 5755                       | -2.513                                                      | 3.42           | 3.917                                   | ≤30                   | Pass   |
|                      | 159     | 5795                       | -2.003                                                      | 3.42           | 4.427                                   | ≤30                   | Pass   |
| Mode                 | Channel | Test<br>Frequency          | Measurement<br>Power                                        | Duty<br>facto  | Total Measurement EIRP PSD<br>(dBm/MHz) | Limit<br>(dBm/MHz)    | Result |

|   |        | (MHz)                      | Spectral<br>Density<br>(dBm/MHz)                            |                |                                       |                       |        |
|---|--------|----------------------------|-------------------------------------------------------------|----------------|---------------------------------------|-----------------------|--------|
| 3 | 42     | 5210                       | -9.716                                                      | 4.73           | 6.134                                 | $\leq 10$             | Pass   |
|   | Channe | Test<br>Frequency<br>(MHz) | Measurement<br>Power<br>Spectral<br>Density<br>(dBm/500KHz) | Duty<br>factor | Total Measurement PSD<br>(dBm/500KHz) | Limit<br>(dBm/500KHz) | Result |
|   | 155    | 5775                       | -8.152                                                      | 4.73           | -0.412                                | $\leq 30$             | Pass   |

**4.8 Radiated Emission Band Edge****VERDICT: PASS****4.8.1 Limit****Radiated Emissions Limit**

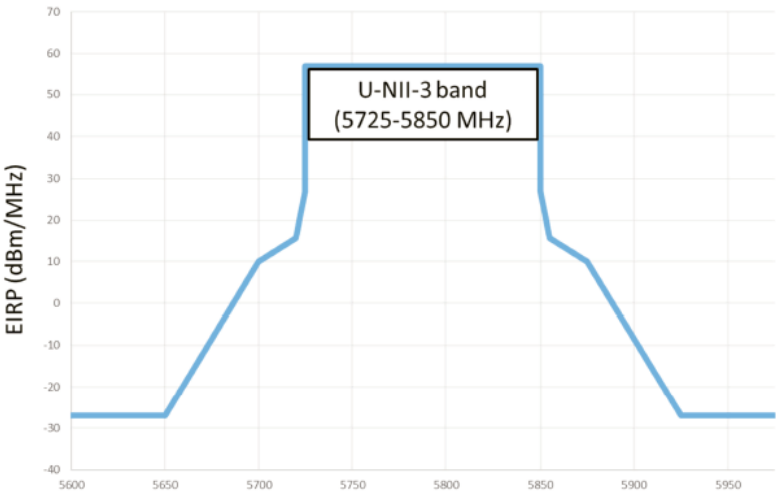
| Frequency (MHz) | Field strength (μV/m) | Field strength (dBμV/m) | Measurement distance (m) |
|-----------------|-----------------------|-------------------------|--------------------------|
| 0.009 - 0.49    | 2400/F(kHz)           | 48.5 – 13.8             | 300 <sub>(Note 1)</sub>  |
| 0.49 - 1.705    | 24000/F(kHz)          | 33.8 - 23               | 30 <sub>(Note 1)</sub>   |
| 1.705 - 30      | 30                    | 29.5                    | 30 <sub>(Note 1)</sub>   |
| 30 - 88         | 100                   | 40                      | 3 <sub>(Note 2)</sub>    |
| 88 - 216        | 150                   | 43.5                    | 3 <sub>(Note 2)</sub>    |
| 216 - 960       | 200                   | 46                      | 3 <sub>(Note 2)</sub>    |
| Above 960       | 500                   | 54                      | 3 <sub>(Note 2)</sub>    |

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

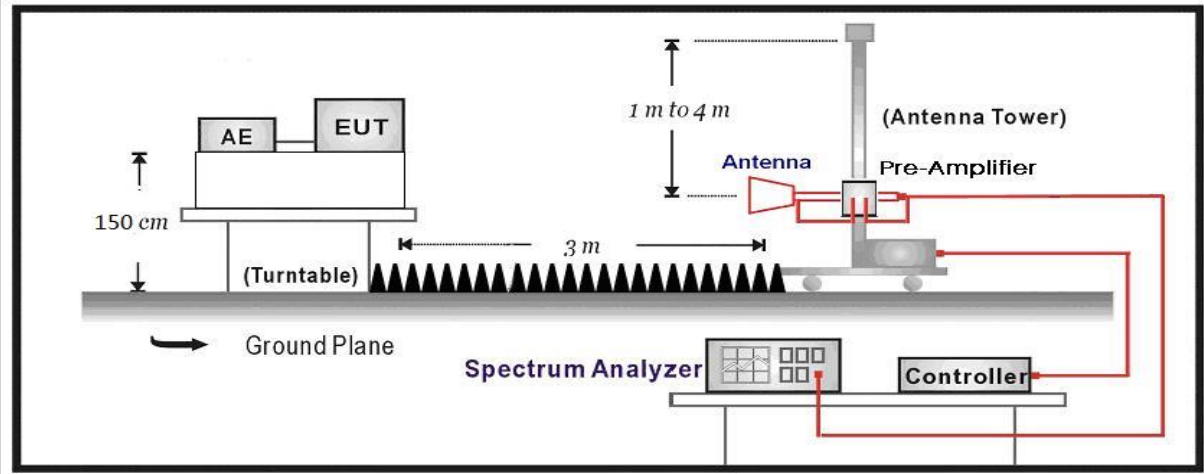
## Restricted Bands of operation

| Frequency (MHz)   | Frequency (MHz)     | Frequency (MHz) | Frequency (GHz) |
|-------------------|---------------------|-----------------|-----------------|
| 0.090-0.110       | 13.36-13.41         | 1645.5-1646.5   | 13.25-13.4      |
| 2.1735-2.1905     | 16.42-16.423        | 1660-1710       | 14.47-14.5      |
| 3.020-3.026       | 16.69475-16.69525   | 1718.8-1722.2   | 15.35-16.2      |
| 4.125-4.128       | 16.80425-16.80475   | 2200-2300       | 17.7-21.4       |
| 4.17725-4.17775   | 25.5-25.67          | 2310-2390       | 22.01-23.12     |
| 4.20725-4.20775   | 37.5-38.25          | 2655-2900       | 23.6-24.0       |
| 5.677-5.683       | 73-74.6             | 3260-3267       | 31.2-31.8       |
| 6.215-6.218       | 74.8-75.2           | 3332-3339       | 36.43-36.5      |
| 6.26775-6.26825   | 108-138             | 3345.8-3358     | Above 38.6      |
| 6.31175-6.31225   | 156.52475-156.52525 | 3500-4400       |                 |
| 8.291-8.294       | 156.7-156.9         | 4500-5150       |                 |
| 8.362-8.366       | 240-285             | 5350-5460       |                 |
| 8.37625-8.38675   | 322-335.4           | 7250-7750       |                 |
| 8.41425-8.41475   | 399.9-410           | 8025-8500       |                 |
| 12.29-12.293      | 608-614             | 9.0-9.2         |                 |
| 12.51975-12.52025 | 960-1427            | 9.3-9.5         |                 |
| 12.57675-12.57725 | 1435-1626.5         | 10.6-12.7       |                 |

| Radiated Emissions Limit       |                                                                                     |                                          |
|--------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|
| Operating Frequency Band (MHz) | EIRP Limit (dBm/MHz)                                                                | Equivalent Field Strength at 3m (dBμV/m) |
| 5150 - 5250                    | -27                                                                                 | 68.3                                     |
| 5250 - 5350                    | -27                                                                                 | 68.3                                     |
| 5470 - 5600<br>5650 - 5725     | -27                                                                                 | 68.3                                     |
| Operating Frequency Band (MHz) | EIRP Limit (dBm/MHz)                                                                |                                          |
| 5725 - 5850                    |  |                                          |

4.8.2 Test Setup

Above 1GHz Test Setup:



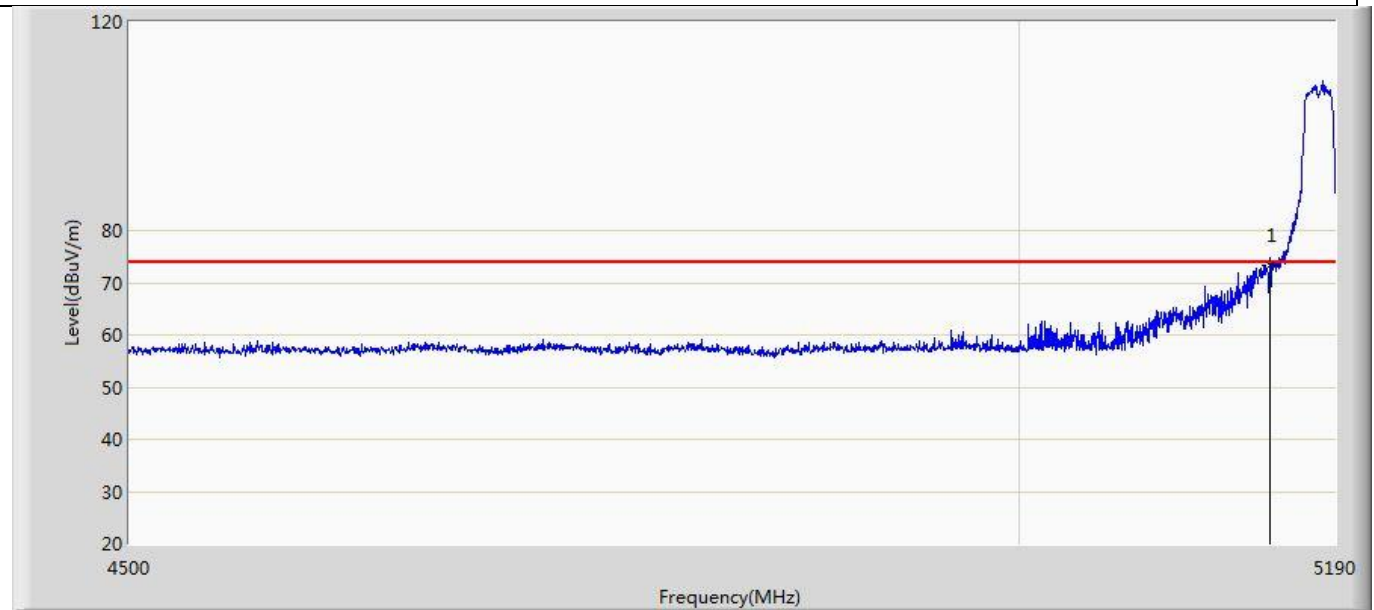
### 4.8.3 Test Procedure

|                                     | References Rule                     | Chapter                  | Description                                                                                      |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------|
| <input type="checkbox"/>            | ANSI C63.10                         | 12.7.3                   | Emissions in non-restricted frequency bands                                                      |
| <input checked="" type="checkbox"/> | ANSI C63.10                         | 12.7.2                   | Emissions in restricted frequency bands                                                          |
|                                     | <input type="checkbox"/>            | ANSI C63.10              | Radiated emission measurements                                                                   |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10              | Procedure for peak unwanted emissions measurements above 1000 MHz                                |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10              | Procedures for average unwanted emissions measurements above 1000 MHz                            |
|                                     | <input type="checkbox"/>            | ANSI C63.10              | Method AD (average detection)—primary method                                                     |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10              | Method VB-A (Alternative)                                                                        |
|                                     | <input type="checkbox"/>            | ANSI C63.10              | Radiated emissions from unlicensed wireless devices below 30 MHz                                 |
|                                     | <input type="checkbox"/>            | ANSI C63.10              | Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz |
|                                     | <input type="checkbox"/>            | ANSI C63.10              | Radiated emissions from unlicensed wireless devices above 1 GHz                                  |
| <input type="checkbox"/>            | FCC KDB 789033 D02v02r01            | G.2                      | Unwanted Emissions that fall Outside of the Restricted Bands                                     |
| <input type="checkbox"/>            | FCC KDB 789033 D02v02r01            | G.1                      | Unwanted Emissions in the Restricted Bands                                                       |
|                                     | <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | Procedure for Unwanted Emissions Measurements below 1000 MHz                                     |
|                                     | <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz                             |
|                                     | <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | Procedures for Average Unwanted Emissions Measurements above 1000 MHz                            |
|                                     | <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | Method AD (Average detection)—primary method                                                     |
|                                     | <input type="checkbox"/>            | FCC KDB 789033 D02v02r01 | Method VB (Averaging using reduced video bandwidth): Alternative method.                         |

#### 4.8.4 Test Data

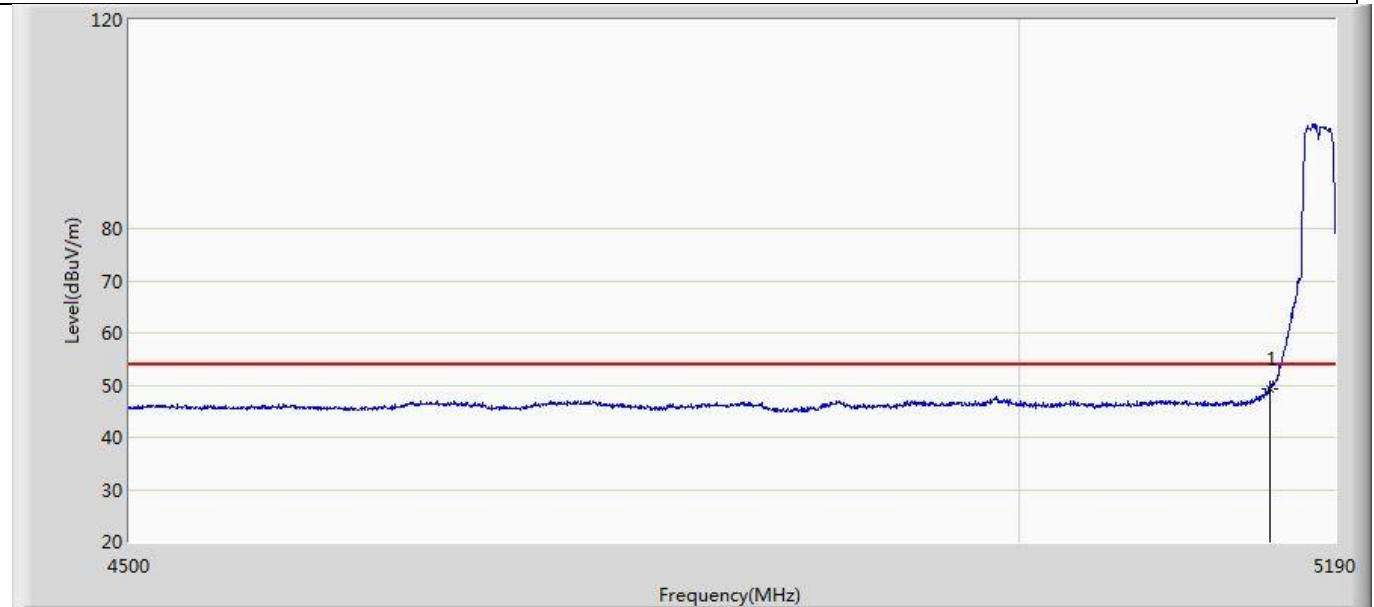
##### LPS5G-Antenna :SISO-Ant2

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 1              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/02 - 20:46 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 |                          |



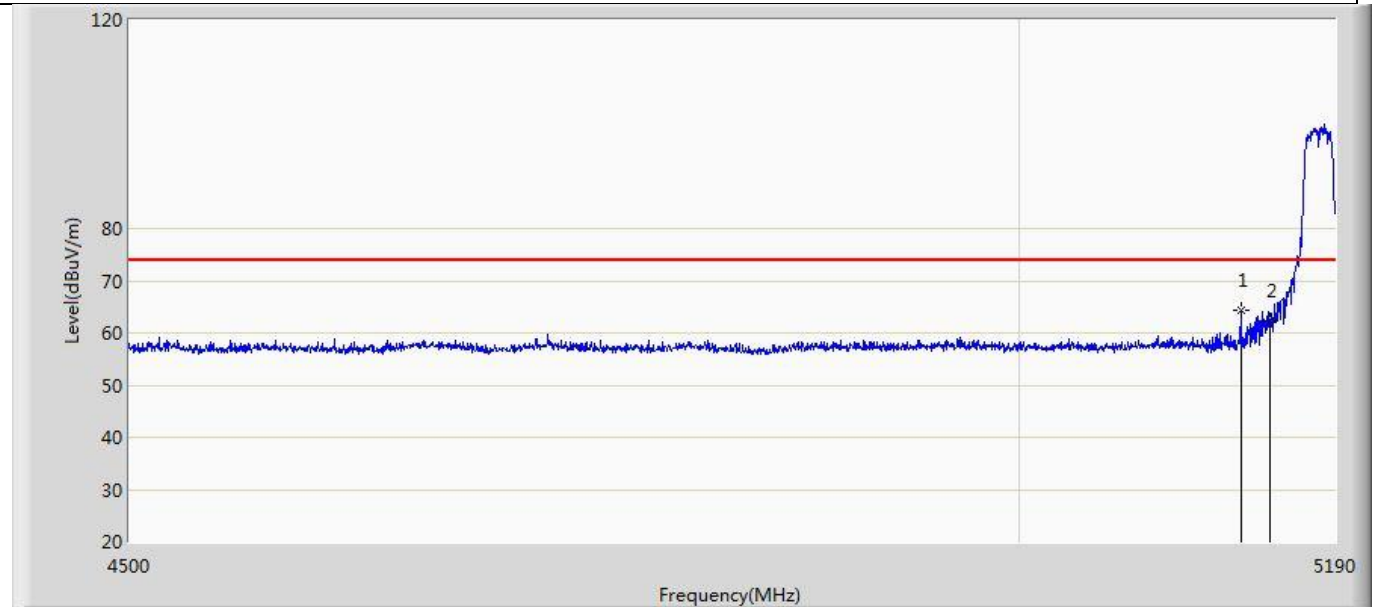
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 73.200                 | 31.992               | -0.800          | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 2              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/16 - 19:15 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 |                          |



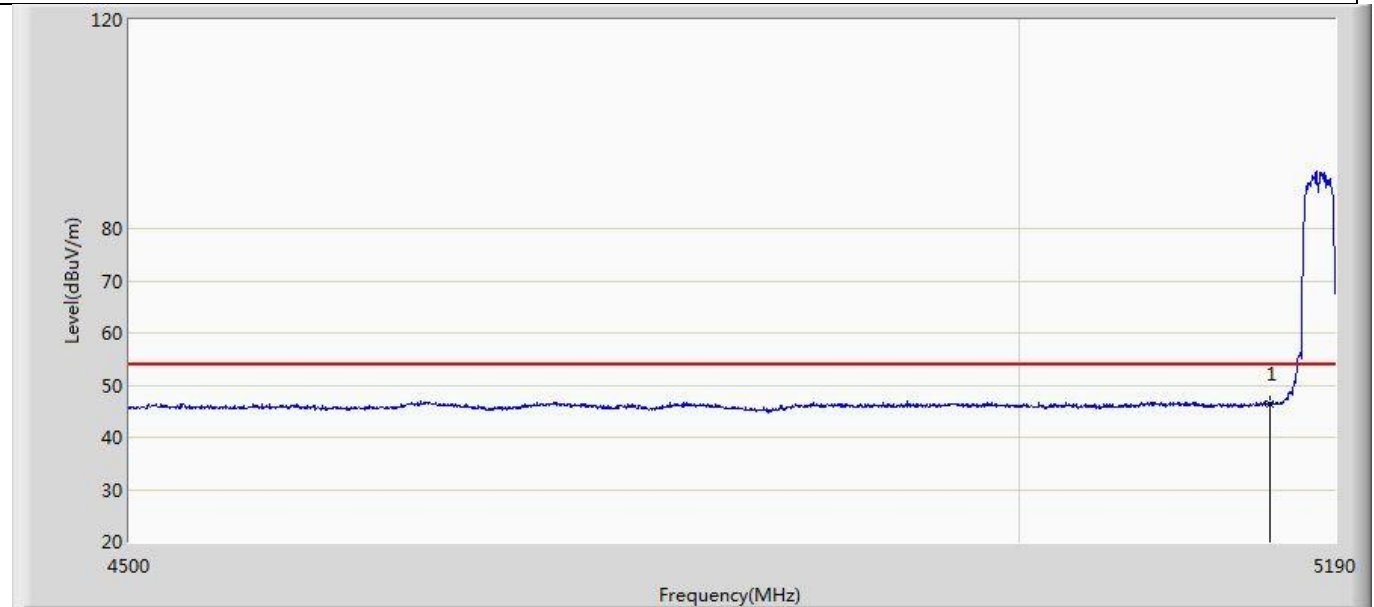
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 49.210                 | 8.002                | -4.790          | 54.000         | 41.208      | AV   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 3              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:22 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 |                          |



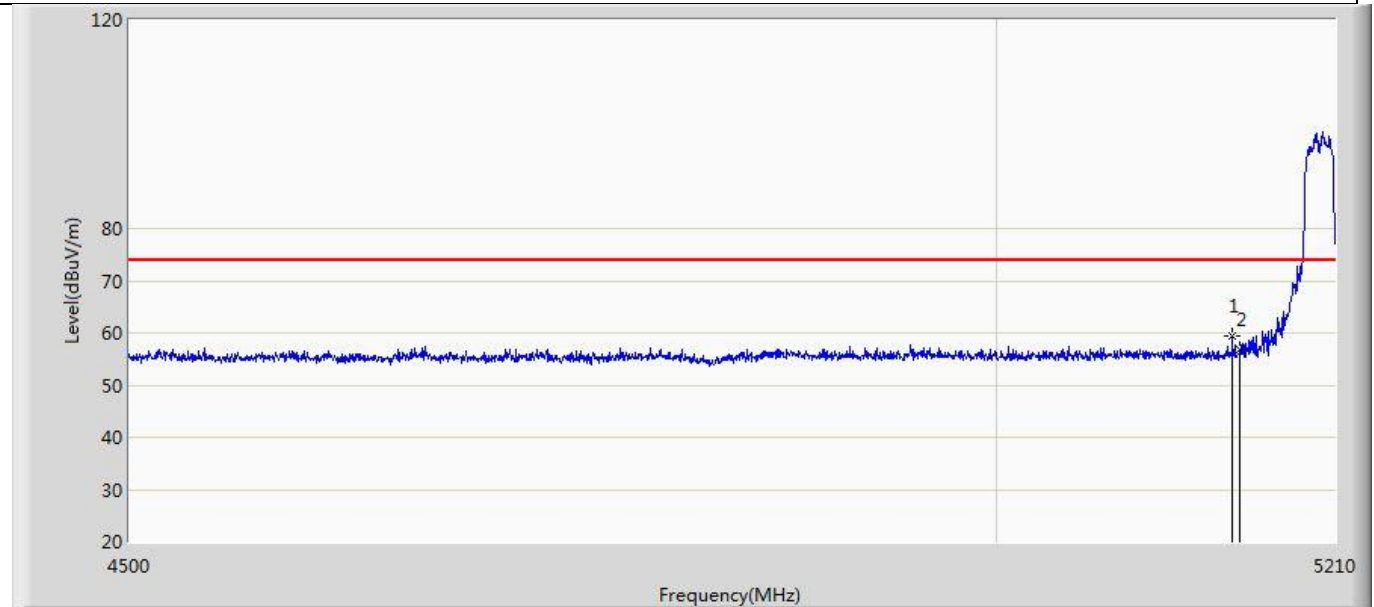
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5132.385        | 64.410                 | 23.514               | -9.590          | 74.000         | 40.896      | PK   |
| 2  |      | 5150.000        | 62.441                 | 21.233               | -11.559         | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 4              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:22 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 |                          |



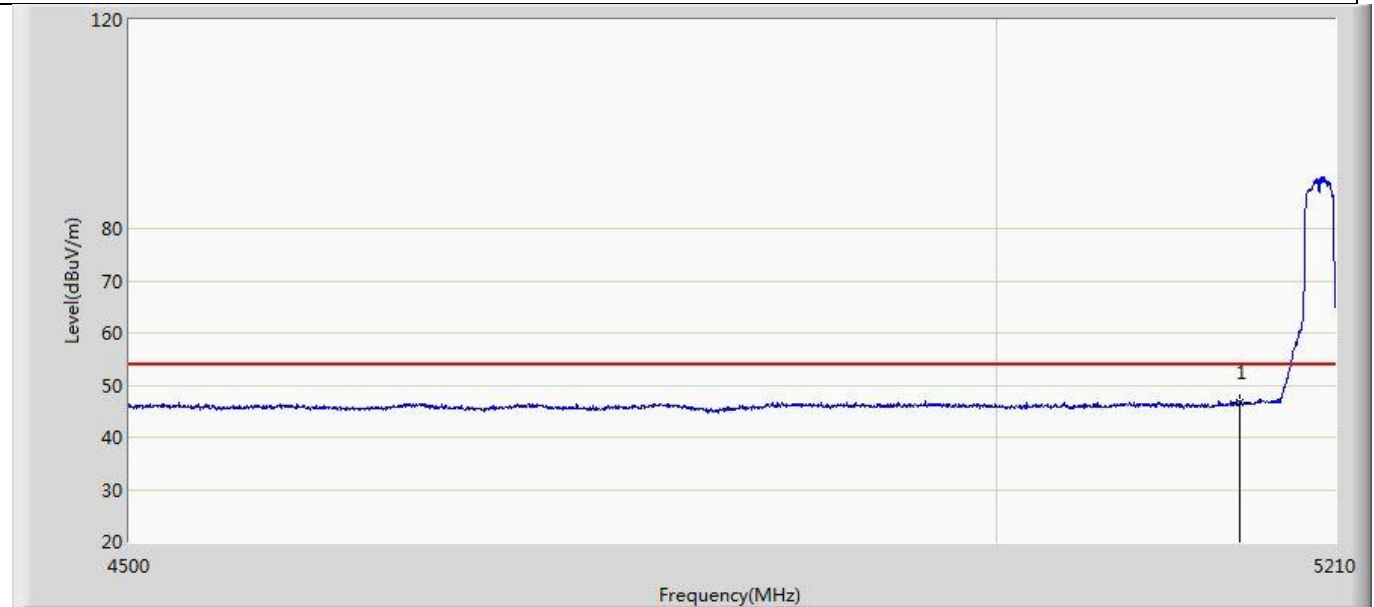
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.363                 | 5.155                | -7.637          | 54.000         | 41.208      | AV   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 5              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:23 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 |                          |



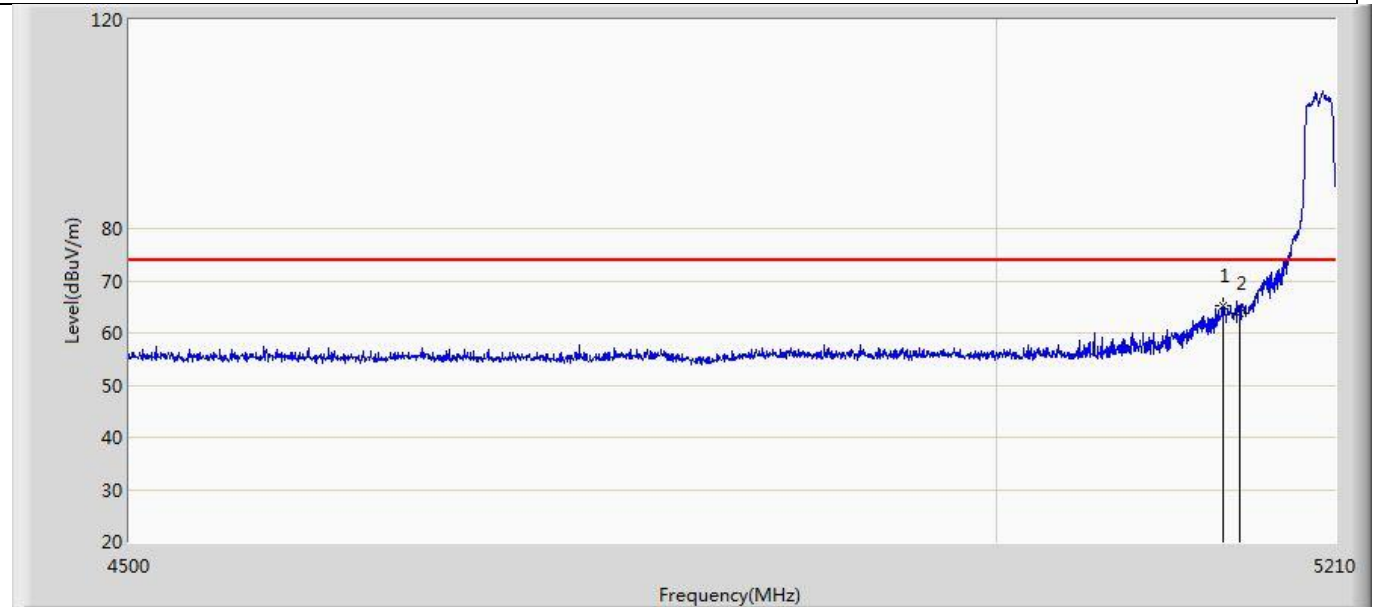
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5145.390        | 59.427                 | 18.315               | -14.573         | 74.000         | 41.112      | PK   |
| 2  |      | 5150.000        | 56.729                 | 15.521               | -17.271         | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 6              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/16 - 19:15 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 |                          |



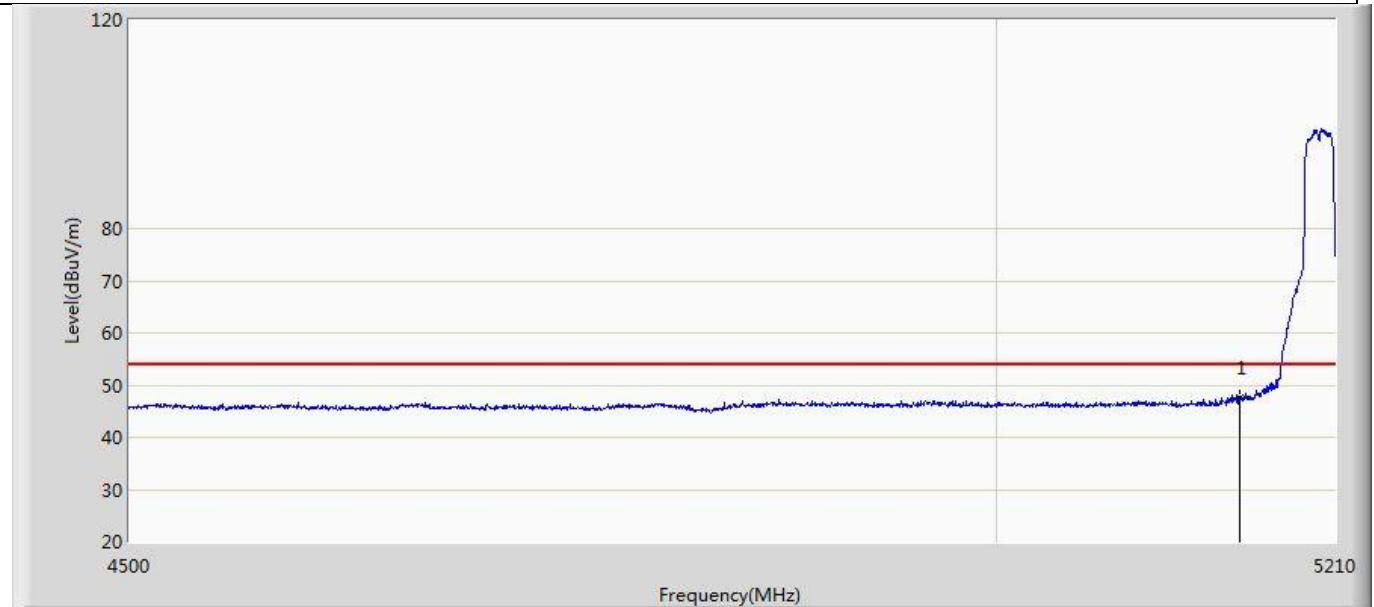
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.564                 | 5.356                | -7.436          | 54.000         | 41.208      | AV   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 7              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:26 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 |                          |



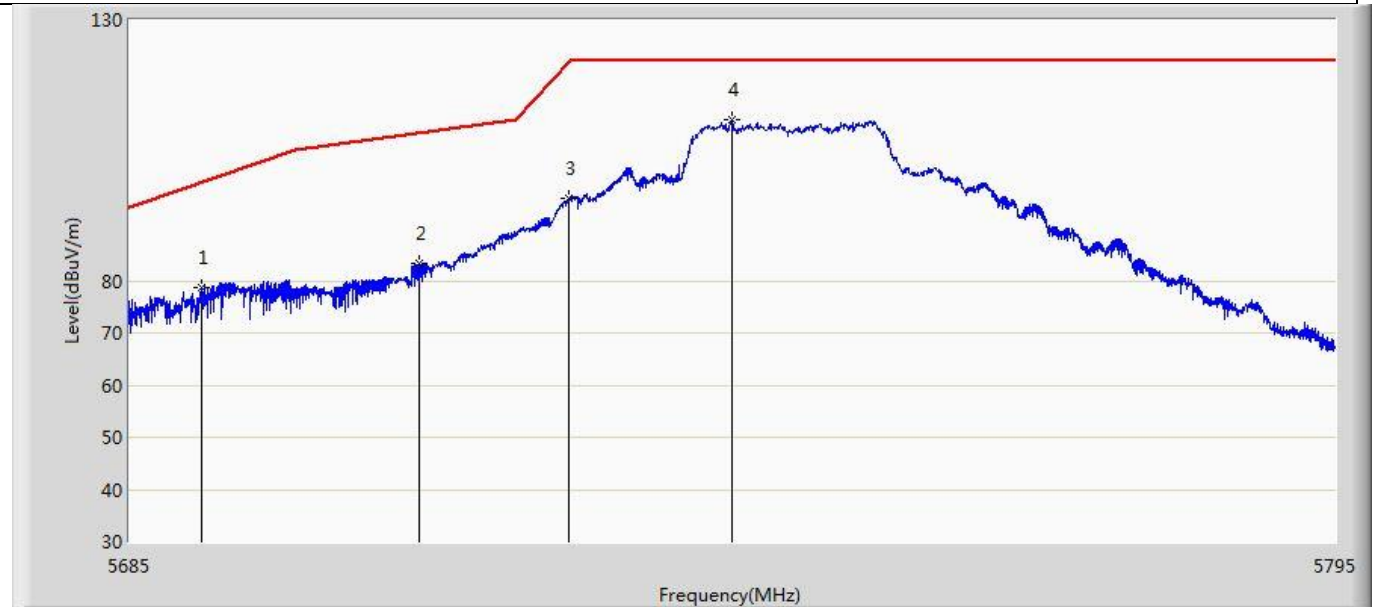
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5140.065        | 65.264                 | 24.241               | -8.736          | 74.000         | 41.023      | PK   |
| 2  |      | 5150.000        | 63.789                 | 22.581               | -10.211         | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 8              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:25 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 47.404                 | 6.196                | -6.596          | 54.000         | 41.208      | AV   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 1              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/16 - 19:15 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5745MHz by 11ac20 |                          |



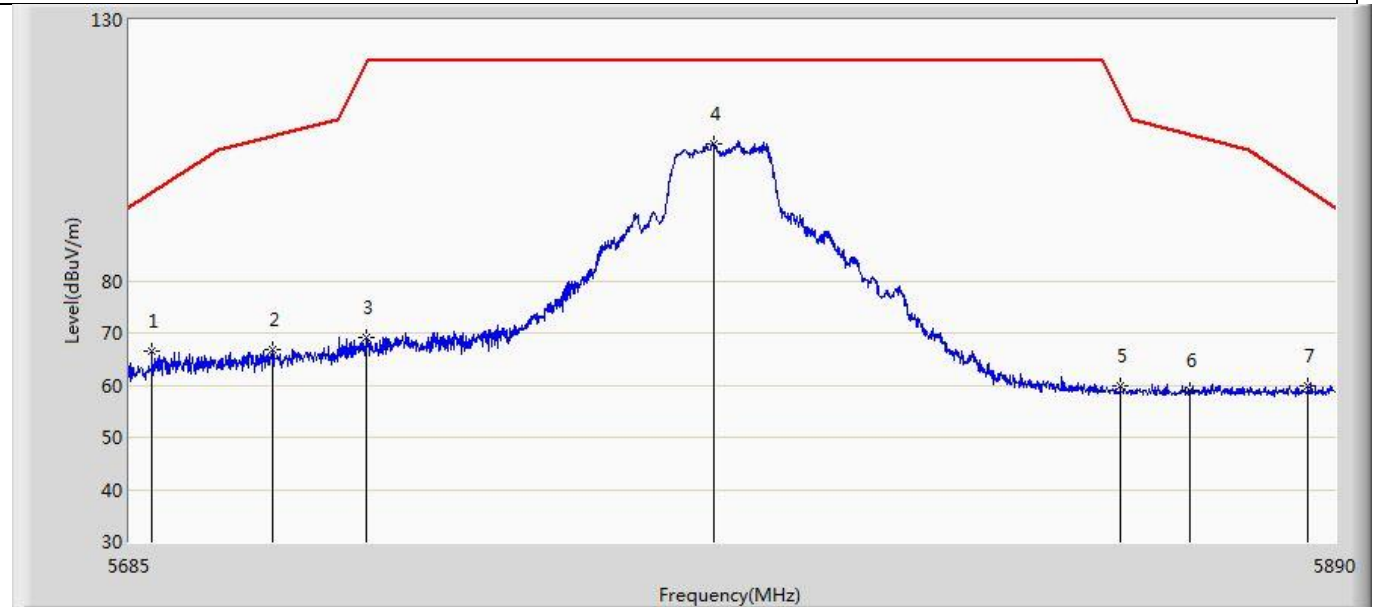
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5691.600        | 78.787                 | 36.758               | -20.220         | 99.007         | 42.029      | PK   |
| 2  |      | 5711.290        | 83.271                 | 41.227               | -25.093         | 108.364        | 42.044      | PK   |
| 3  |      | 5724.930        | 95.742                 | 53.785               | -26.299         | 122.040        | 41.957      | PK   |
| 4  | *    | 5739.725        | 110.742                | 68.926               | -11.458         | 122.200        | 41.815      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 2              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:15 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5745MHz by 11ac20 |                          |



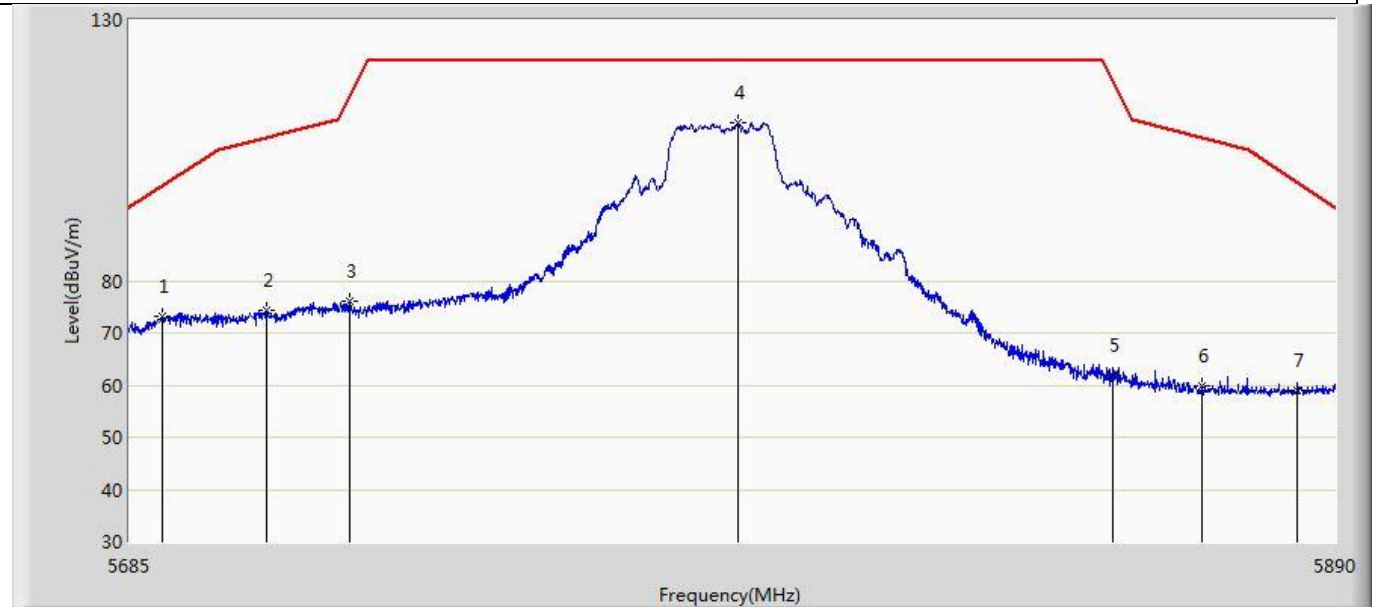
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5693.250        | 69.002                 | 26.975               | -31.222         | 100.224        | 42.027      | PK   |
| 2  |      | 5704.525        | 71.468                 | 29.418               | -35.001         | 106.469        | 42.050      | PK   |
| 3  |      | 5724.985        | 88.061                 | 46.105               | -34.104         | 122.166        | 41.956      | PK   |
| 4  | *    | 5743.190        | 107.587                | 65.799               | -14.613         | 122.200        | 41.788      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 3              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:17 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5785MHz by 11ac20 |                          |



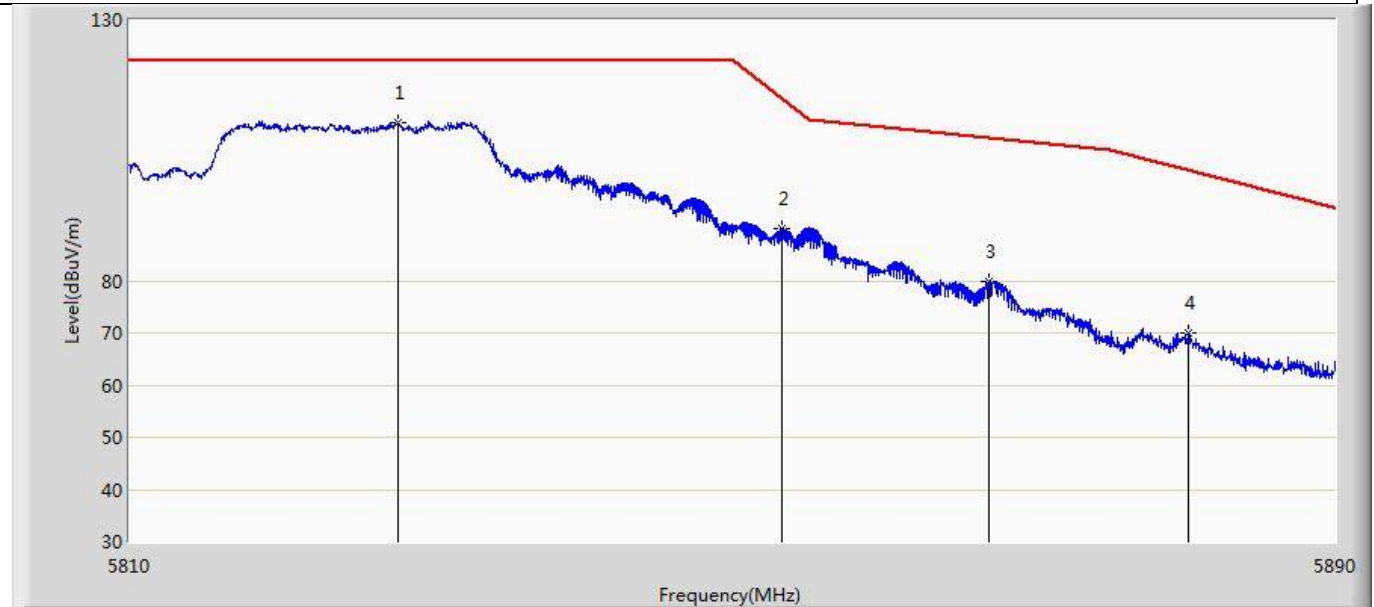
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5694.225        | 75.806                 | 33.777               | -25.137         | 100.943        | 42.029      | PK   |
| 2  |      | 5714.007        | 75.879                 | 33.853               | -33.245         | 109.124        | 42.026      | PK   |
| 3  |      | 5724.155        | 77.102                 | 35.140               | -43.172         | 120.274        | 41.961      | PK   |
| 4  |      | 5742.502        | 102.002                | 60.214               | -20.198         | 122.200        | 41.789      | PK   |
| 5  | *    | 5792.728        | 110.788                | 68.694               | -11.412         | 122.200        | 42.094      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 4              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:20 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5785MHz by 11ac20 |                          |



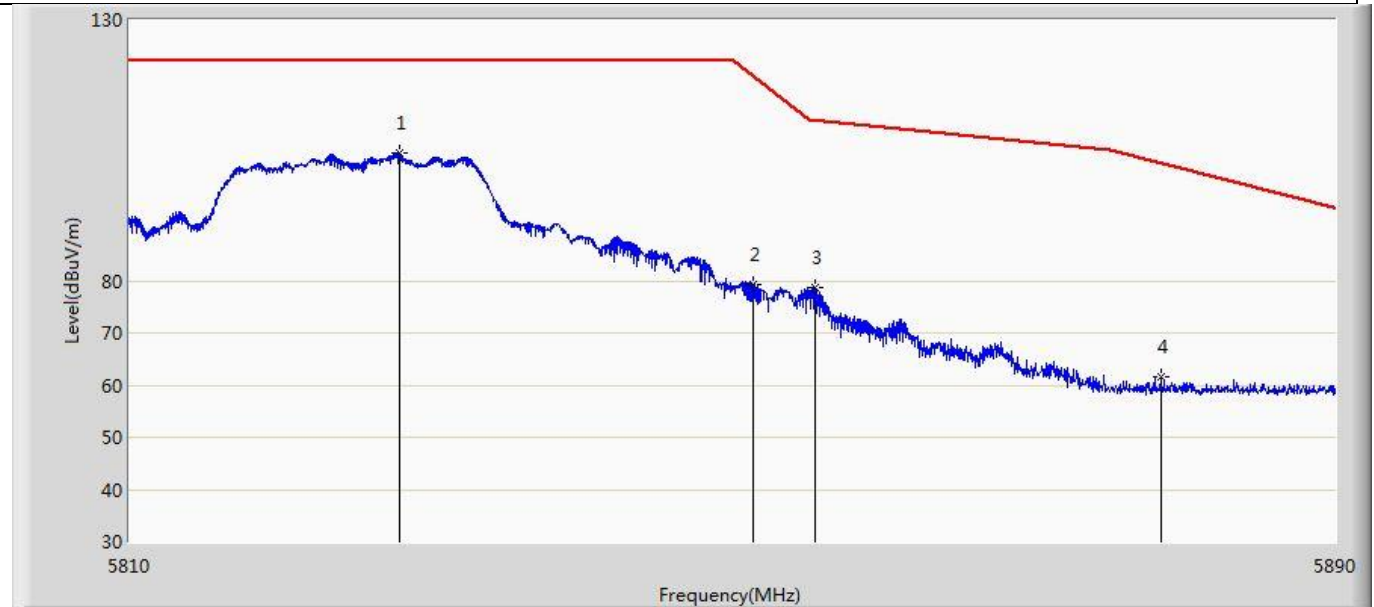
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5693.917        | 66.918                 | 24.889               | -33.798         | 100.716        | 42.028      | PK   |
| 2  |      | 5709.498        | 67.745                 | 25.690               | -40.117         | 107.862        | 42.055      | PK   |
| 3  |      | 5723.232        | 65.875                 | 23.907               | -52.296         | 118.170        | 41.968      | PK   |
| 4  |      | 5747.935        | 99.189                 | 57.290               | -23.011         | 122.200        | 41.899      | PK   |
| 5  | *    | 5792.112        | 105.969                | 63.879               | -16.231         | 122.200        | 42.090      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 5              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:21 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5805MHz by 11ac20 |                          |



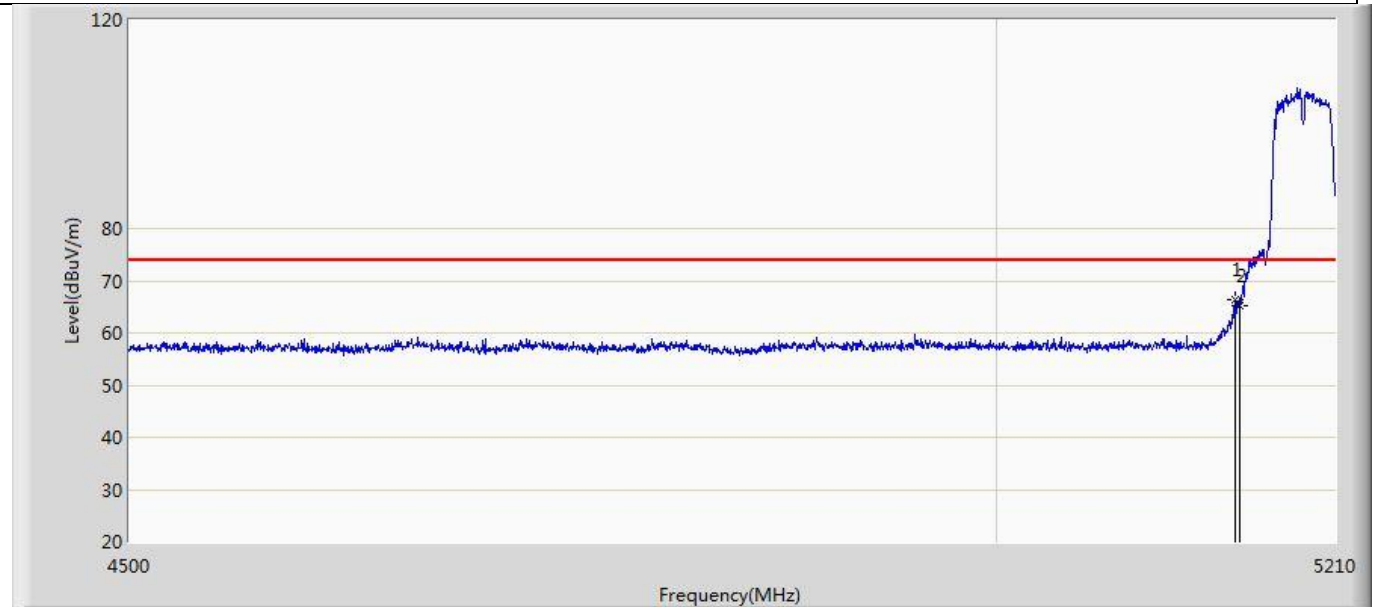
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5827.760        | 110.284                | 68.289               | -11.916         | 122.200        | 41.996      | PK   |
| 2  |      | 5853.160        | 89.865                 | 47.898               | -25.129         | 114.994        | 41.967      | PK   |
| 3  |      | 5866.960        | 79.881                 | 37.858               | -27.568         | 107.449        | 42.024      | PK   |
| 4  |      | 5880.200        | 69.994                 | 27.890               | -31.343         | 101.337        | 42.104      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 6              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:24 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5805MHz by 11ac20 |                          |



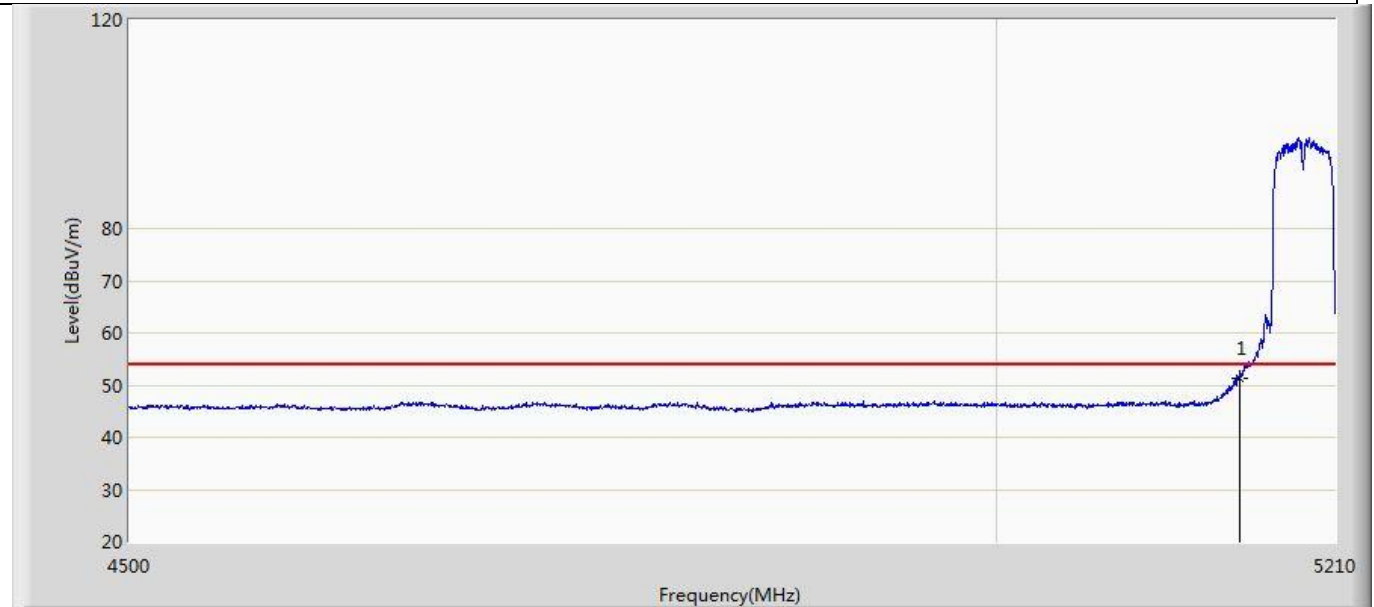
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5827.840        | 104.523                | 62.527               | -17.677         | 122.200        | 41.996      | PK   |
| 2  |      | 5851.280        | 79.279                 | 37.318               | -40.002         | 119.281        | 41.960      | PK   |
| 3  |      | 5855.360        | 78.663                 | 36.689               | -32.036         | 110.699        | 41.974      | PK   |
| 4  |      | 5878.360        | 61.537                 | 19.448               | -41.167         | 102.704        | 42.089      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 9              |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:27 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5190MHz by 11ac40 |                          |



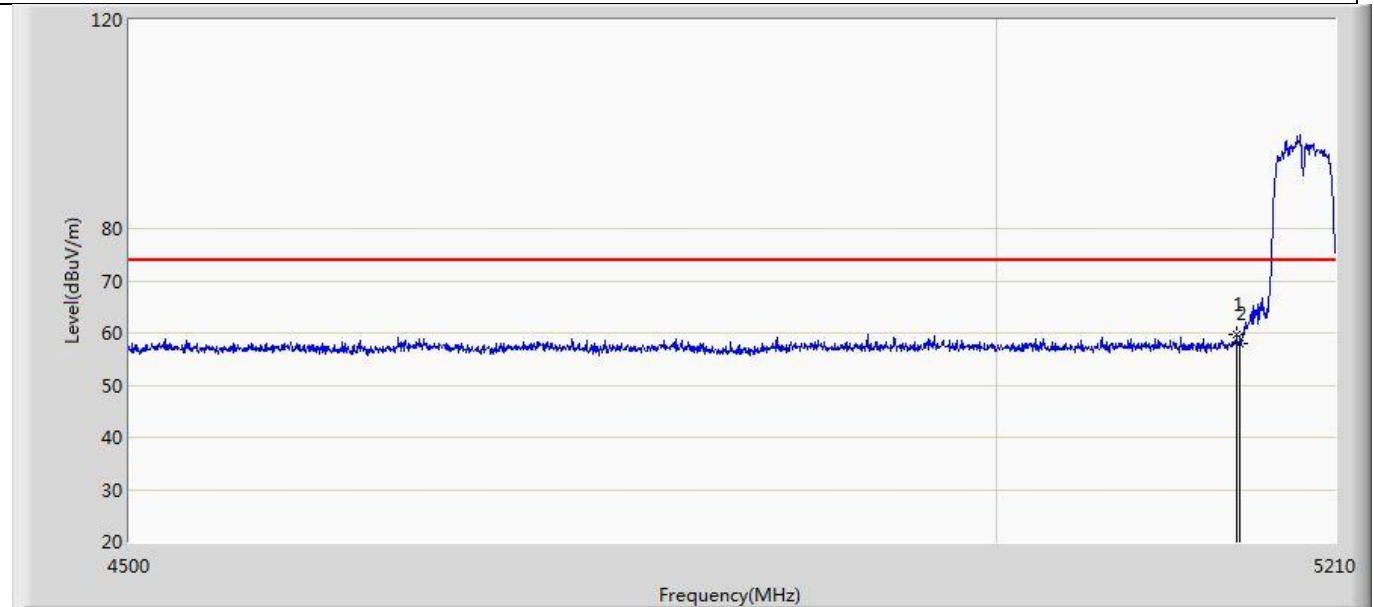
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5147.165        | 66.253                 | 25.112               | -7.747          | 74.000         | 41.141      | PK   |
| 2  |      | 5150.000        | 65.237                 | 24.029               | -8.763          | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 10             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:27 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5190MHz by 11ac40 |                          |



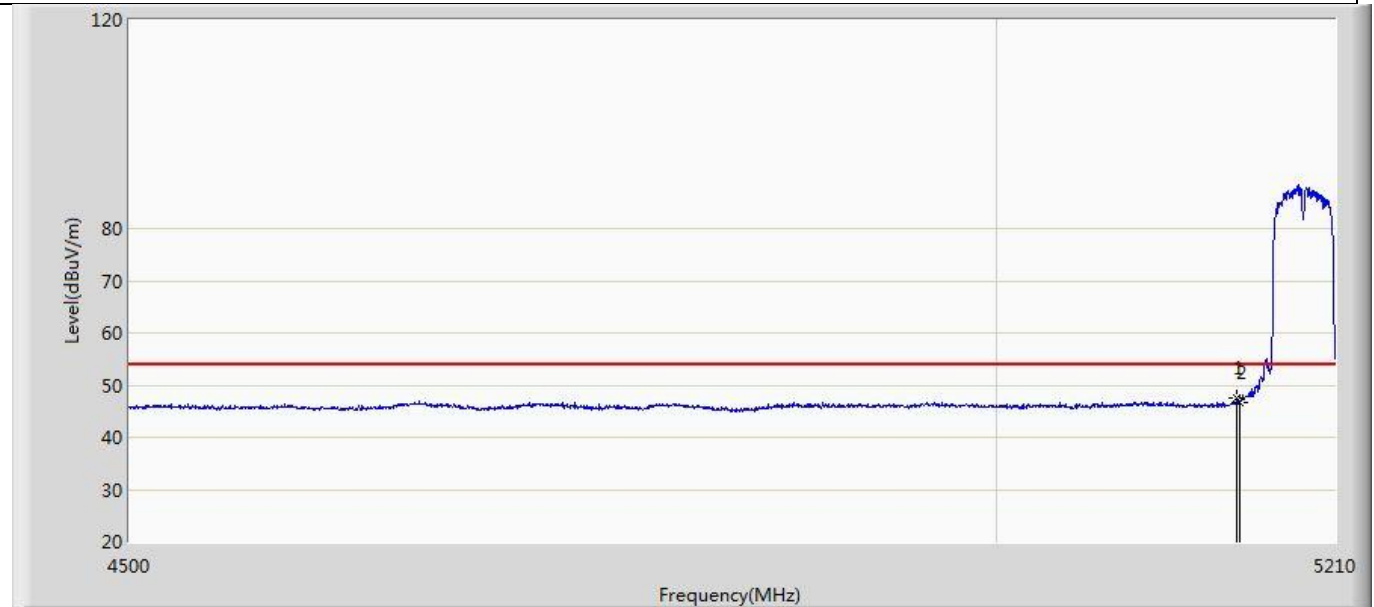
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 51.290                 | 10.082               | -2.710          | 54.000         | 41.208      | AV   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 11             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:27 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5190MHz by 11ac40 |                          |



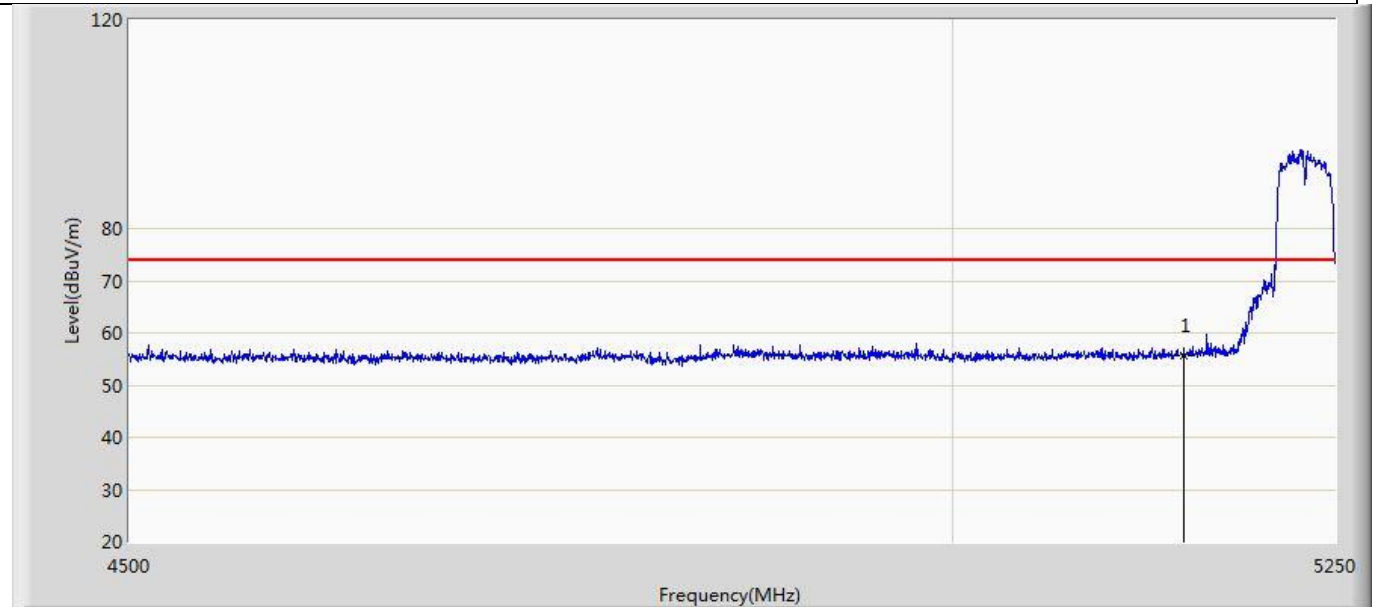
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5148.230        | 59.741                 | 18.580               | -14.259         | 74.000         | 41.161      | PK   |
| 2  |      | 5150.000        | 57.954                 | 16.746               | -16.046         | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 12             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:27 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5190MHz by 11ac40 |                          |



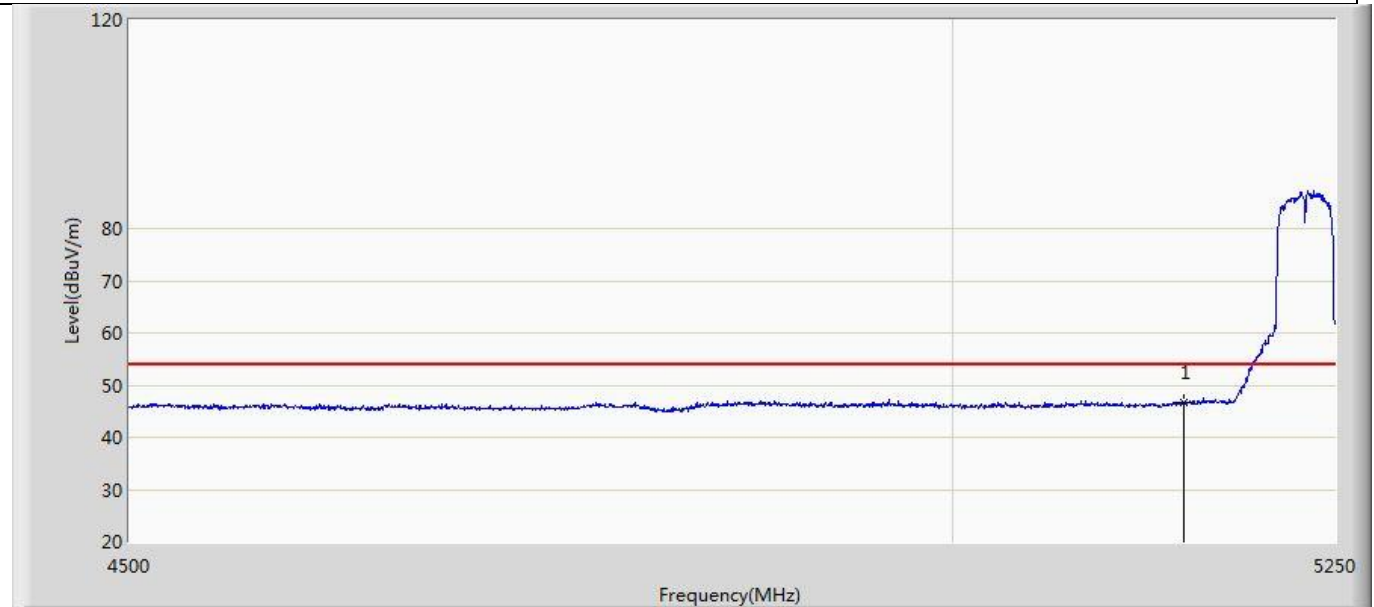
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5148.230        | 47.436                 | 6.275                | -6.564          | 54.000         | 41.161      | AV   |
| 2  |      | 5150.000        | 46.725                 | 5.517                | -7.275          | 54.000         | 41.208      | AV   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 13             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:42 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5230MHz by 11ac40 |                          |



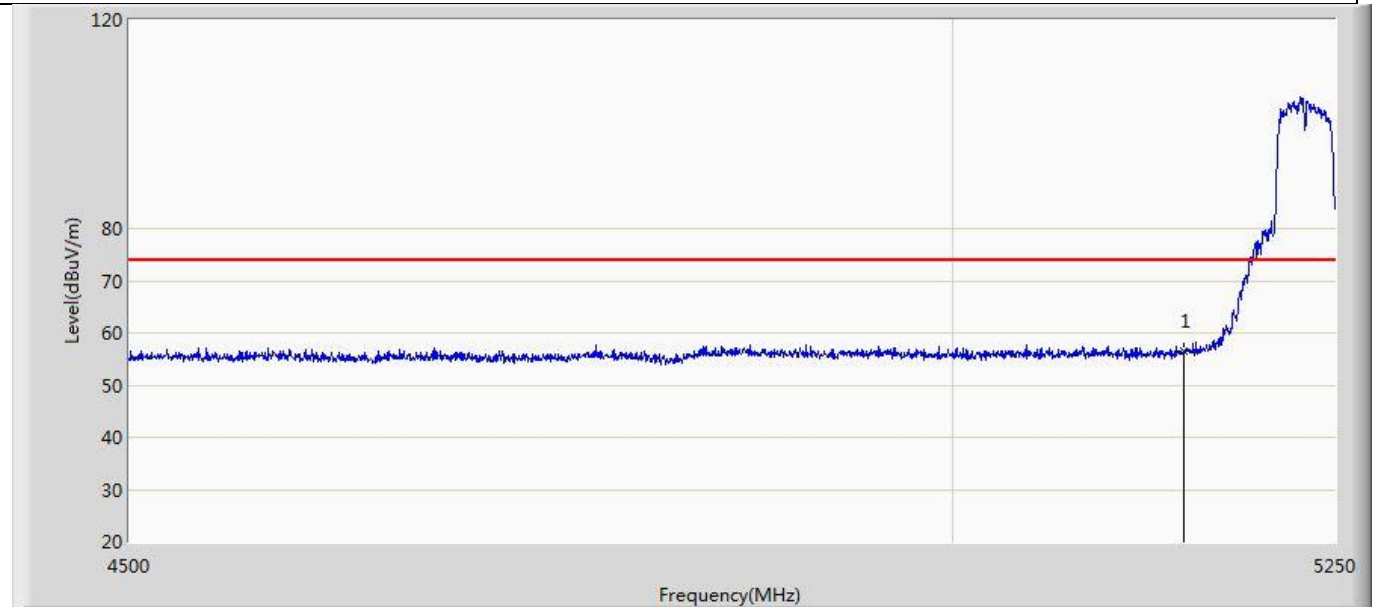
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 55.788                 | 14.580               | -18.212         | 74.000         | 41.208      | PK   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 14             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:39 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5230MHz by 11ac40 |                          |



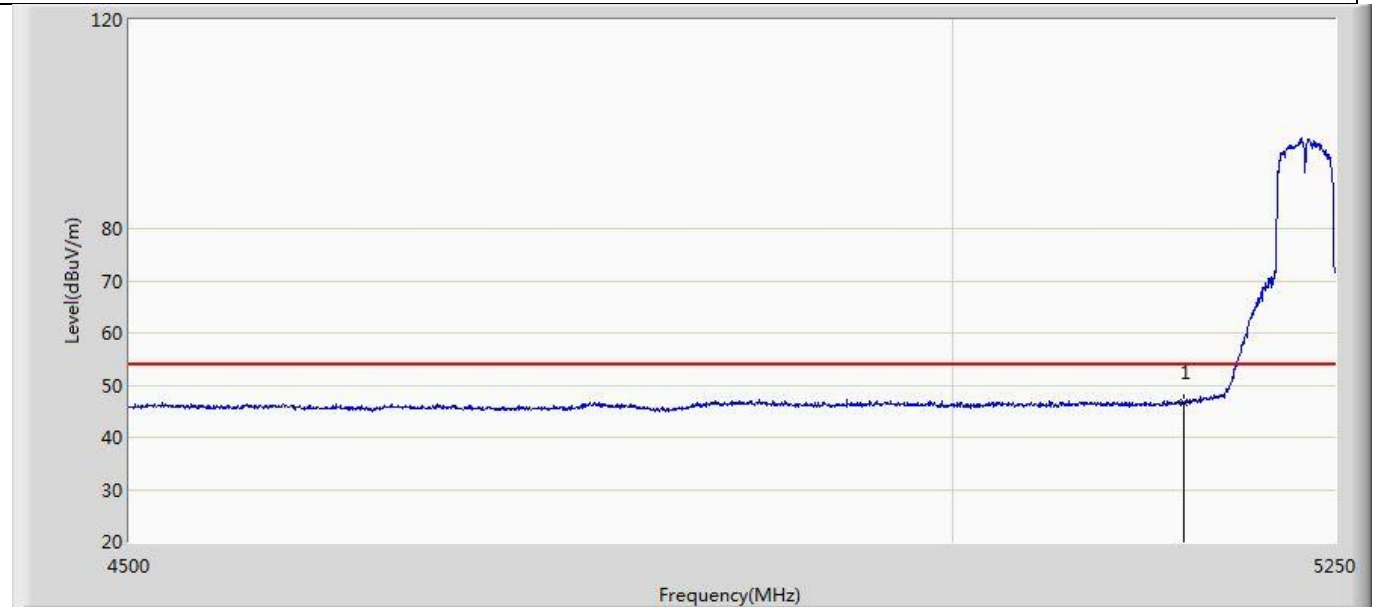
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.681                 | 5.473                | -7.319          | 54.000         | 41.208      | AV   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 15             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:49 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5230MHz by 11ac40 |                          |



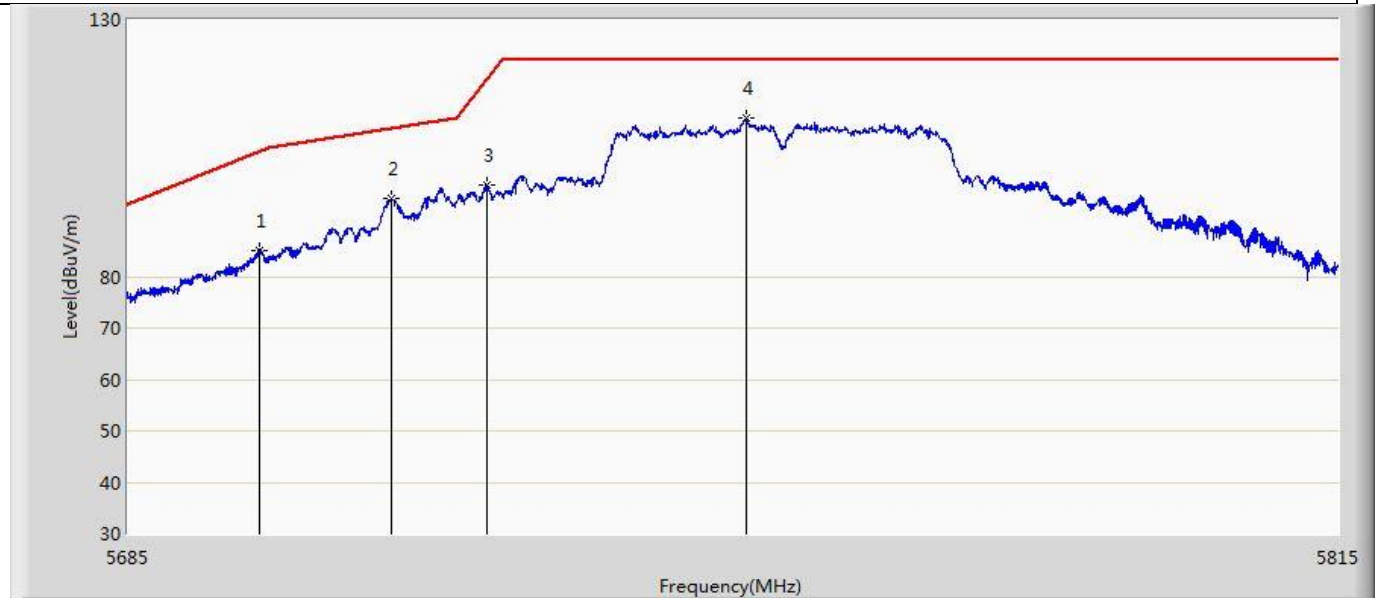
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 56.652                 | 15.444               | -17.348         | 74.000         | 41.208      | PK   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 16             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/12/03 - 20:43 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5230MHz by 11ac40 |                          |



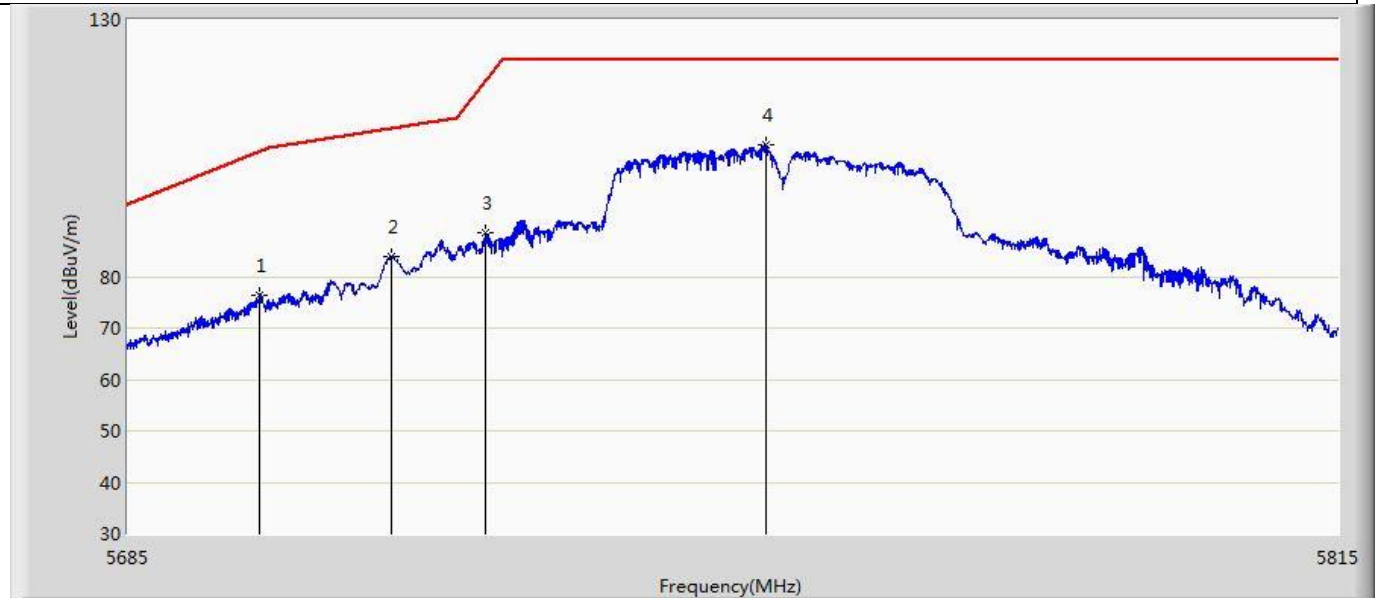
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.596                 | 5.388                | -7.404          | 54.000         | 41.208      | AV   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 7              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:27 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5755MHz by 11ac40 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5698.975        | 85.157                 | 43.118               | -19.288         | 104.445        | 42.038      | PK   |
| 2  |      | 5713.145        | 95.076                 | 53.044               | -13.807         | 108.883        | 42.032      | PK   |
| 3  |      | 5723.350        | 97.743                 | 55.776               | -20.696         | 118.439        | 41.967      | PK   |
| 4  | *    | 5751.105        | 110.743                | 68.769               | -11.457         | 122.200        | 41.974      | PK   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 8              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:29 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5755MHz by 11ac40 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5698.975        | 76.497                 | 34.458               | -27.948         | 104.445        | 42.038      | PK   |
| 2  |      | 5713.145        | 83.954                 | 41.922               | -24.929         | 108.883        | 42.032      | PK   |
| 3  |      | 5723.220        | 88.428                 | 46.460               | -29.715         | 118.143        | 41.968      | PK   |
| 4  | *    | 5753.185        | 105.536                | 63.513               | -16.664         | 122.200        | 42.022      | PK   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 9              |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:31 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5795MHz by 11ac40 |                          |



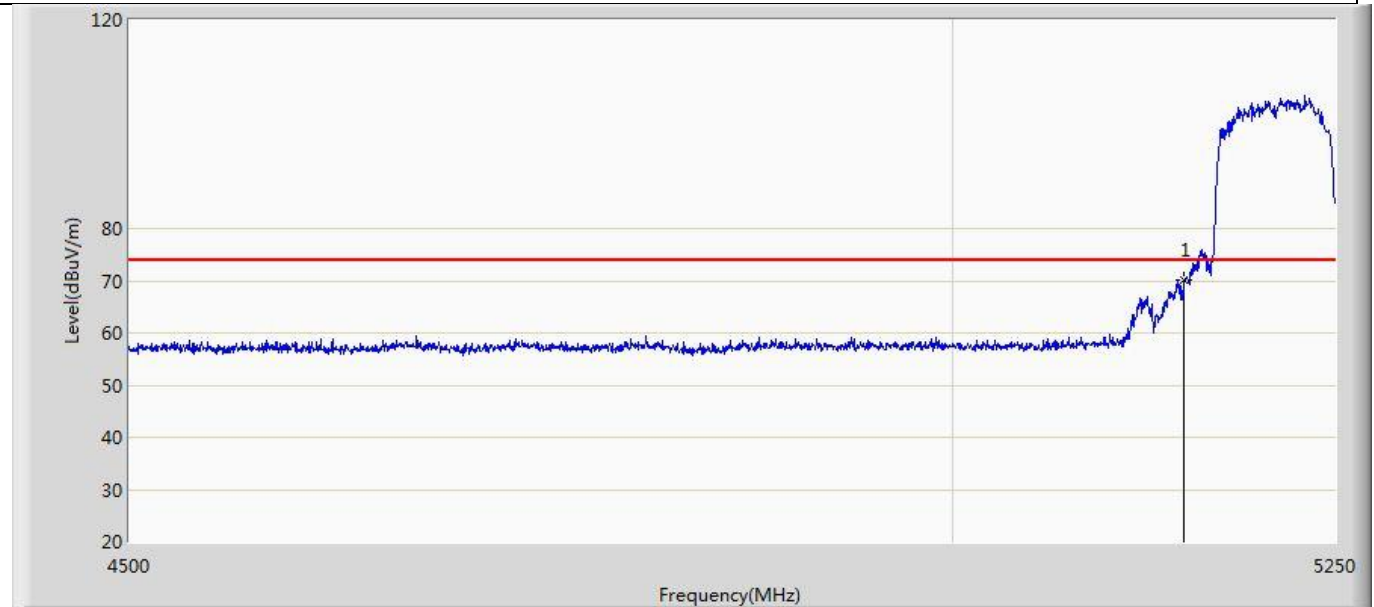
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5790.842        | 110.659                | 68.578               | -11.541         | 122.200        | 42.081      | PK   |
| 2  |      | 5851.390        | 84.161                 | 42.200               | -34.869         | 119.030        | 41.961      | PK   |
| 3  |      | 5868.265        | 78.306                 | 36.275               | -28.778         | 107.084        | 42.031      | PK   |
| 4  |      | 5882.777        | 72.255                 | 30.126               | -27.169         | 99.424         | 42.129      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 10             |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:33 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5795MHz by 11ac40 |                          |



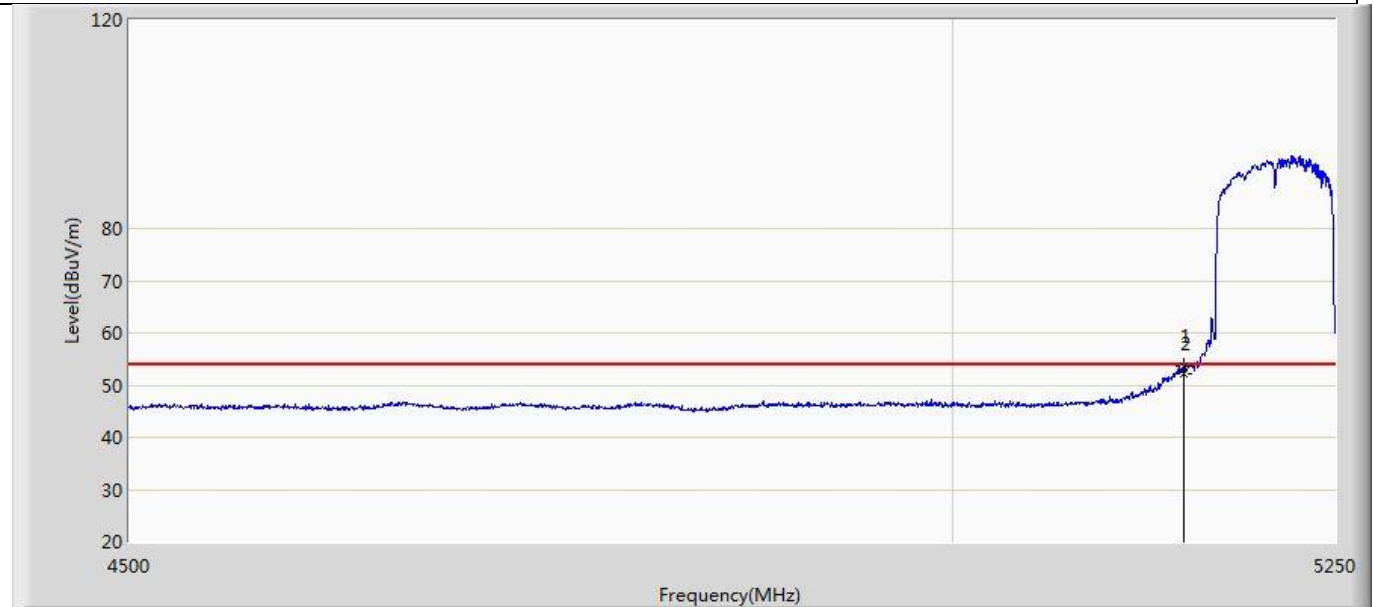
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5792.935        | 103.573                | 61.477               | -18.627         | 122.200        | 42.096      | PK   |
| 2  |      | 5850.783        | 71.323                 | 29.364               | -49.091         | 120.414        | 41.959      | PK   |
| 3  |      | 5856.925        | 69.208                 | 27.229               | -41.052         | 110.260        | 41.979      | PK   |
| 4  |      | 5880.415        | 62.682                 | 20.576               | -38.496         | 101.178        | 42.106      | PK   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 17             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:41 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 3:Transmit at 5210MHz by 11ac80 |                          |



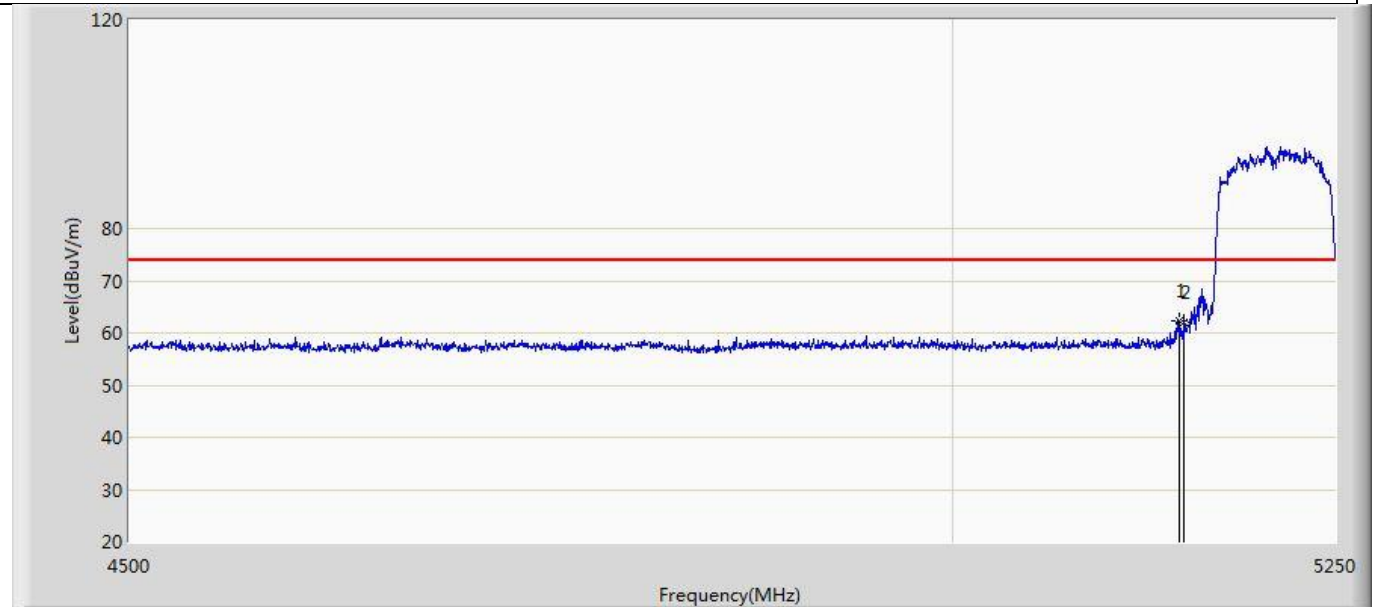
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 70.222                 | 29.014               | -3.778          | 74.000         | 41.208      | PK   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 18             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:41 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 3:Transmit at 5210MHz by 11ac80 |                          |



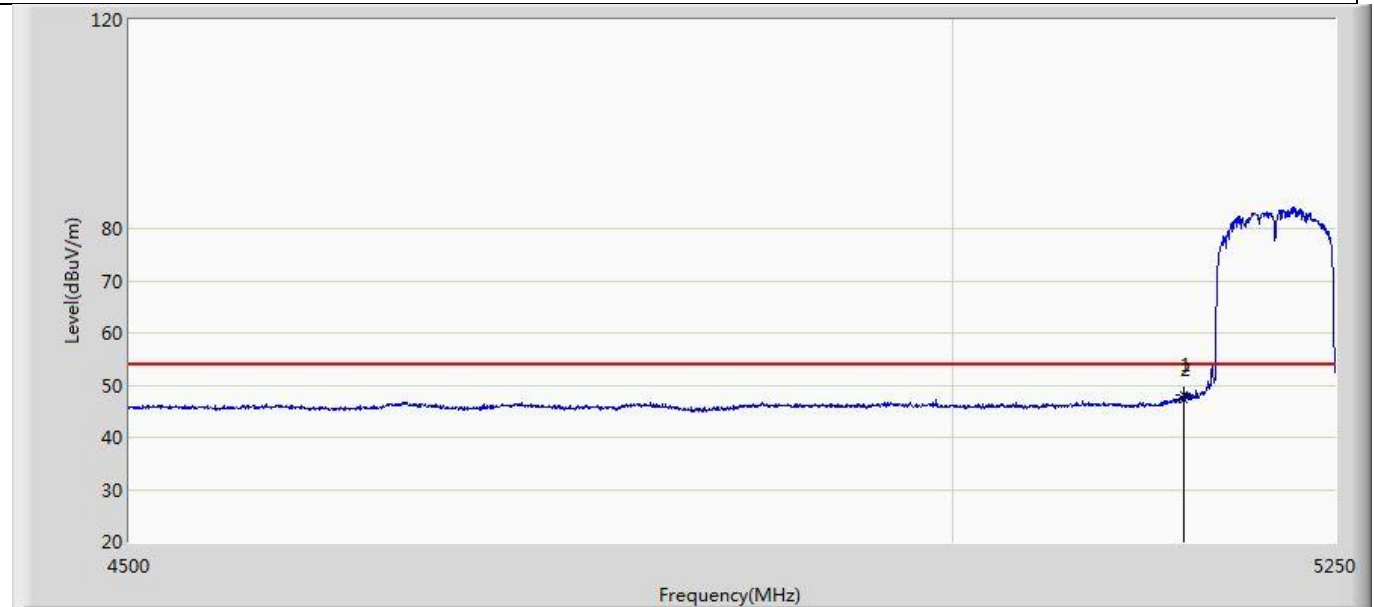
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5149.125        | 53.499                 | 12.314               | -0.501          | 54.000         | 41.185      | AV   |
| 2  |      | 5150.000        | 52.309                 | 11.101               | -1.691          | 54.000         | 41.208      | AV   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 19             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:41 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 3:Transmit at 5210MHz by 11ac80 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5146.125        | 62.431                 | 21.307               | -11.569         | 74.000         | 41.124      | PK   |
| 2  |      | 5150.000        | 62.100                 | 20.892               | -11.900         | 74.000         | 41.208      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 20             |
| Engineer: Nile                             |                          |
| Site: AC5                                  | Time: 2021/11/25 - 21:41 |
| Limit: FCC_Part15.209_RE(3m)               | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 3:Transmit at 5210MHz by 11ac80 |                          |



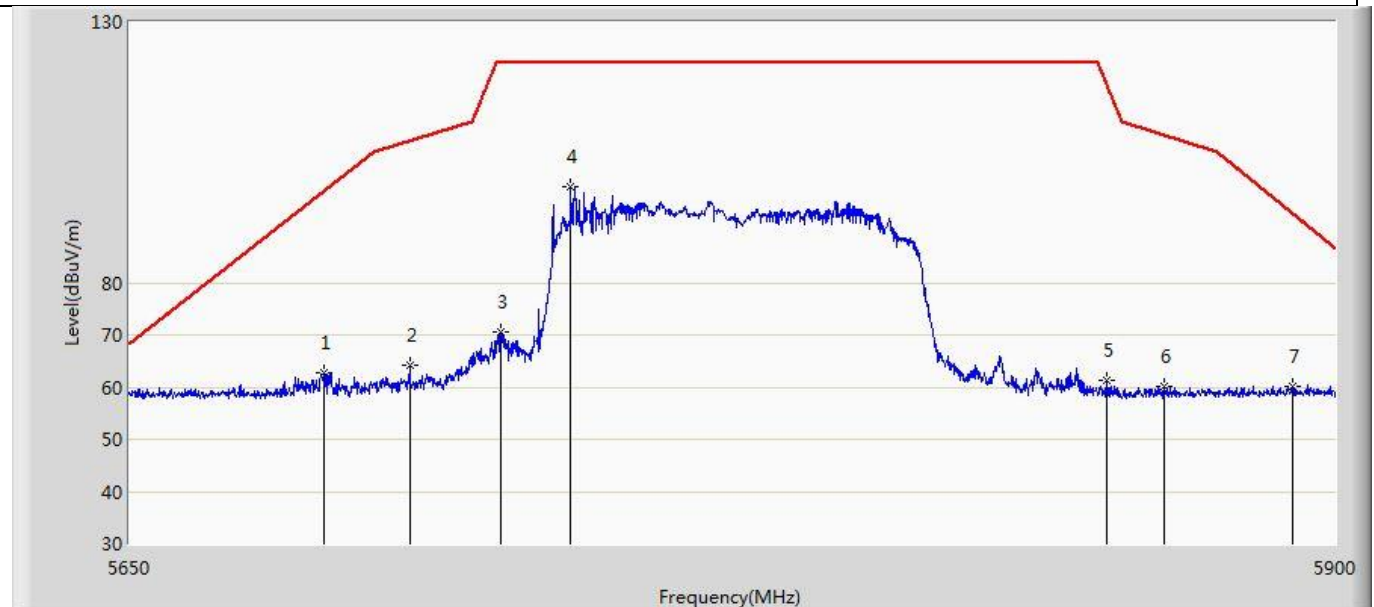
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5149.125        | 48.167                 | 6.982                | -5.833          | 54.000         | 41.185      | AV   |
| 2  |      | 5150.000        | 47.268                 | 6.060                | -6.732          | 54.000         | 41.208      | AV   |

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|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 11             |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:35 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 3:Transmit at 5775MHz by 11ac80 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5690.375        | 70.860                 | 28.819               | -27.243         | 98.103         | 42.041      | PK   |
| 2  |      | 5710.625        | 71.490                 | 29.442               | -36.687         | 108.177        | 42.048      | PK   |
| 3  |      | 5725.625        | 79.300                 | 37.348               | -42.900         | 122.200        | 41.953      | PK   |
| 4  | *    | 5758.875        | 105.753                | 63.596               | -16.447         | 122.200        | 42.156      | PK   |
| 5  |      | 5850.625        | 71.045                 | 29.087               | -49.729         | 120.774        | 41.959      | PK   |
| 6  |      | 5865.250        | 69.280                 | 27.266               | -38.648         | 107.928        | 42.013      | PK   |
| 7  |      | 5884.000        | 60.650                 | 18.509               | -37.867         | 98.517         | 42.141      | PK   |

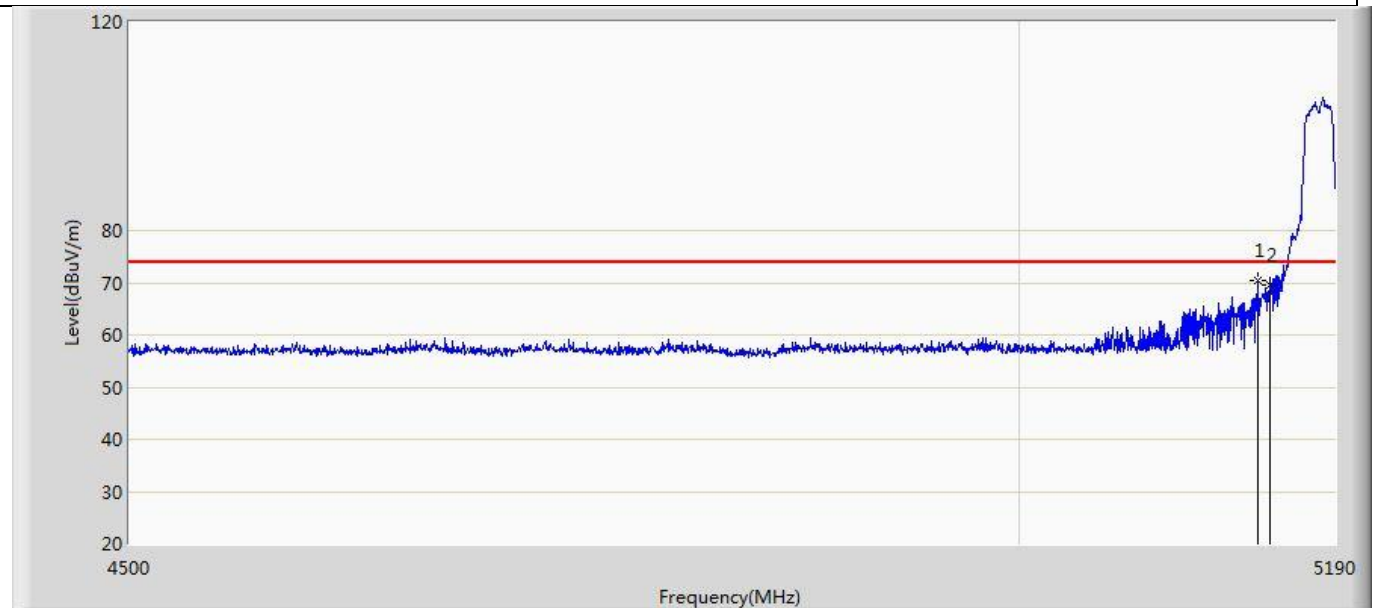
|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 12             |
| Engineer: Julius zhou                      |                          |
| Site: AC5                                  | Time: 2021/11/25 - 23:37 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( Local Positioning System )      | Power: DC3.3V            |
| Note: Mode 3:Transmit at 5775MHz by 11ac80 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5689.625        | 62.805                 | 20.757               | -34.744         | 97.549         | 42.048      | PK   |
| 2  |      | 5707.250        | 64.195                 | 22.140               | -43.037         | 107.232        | 42.055      | PK   |
| 3  |      | 5726.000        | 70.464                 | 28.514               | -51.736         | 122.200        | 41.950      | PK   |
| 4  | *    | 5740.375        | 98.393                 | 56.584               | -23.807         | 122.200        | 41.809      | PK   |
| 5  |      | 5852.000        | 61.366                 | 19.403               | -56.273         | 117.639        | 41.963      | PK   |
| 6  |      | 5864.000        | 60.088                 | 18.082               | -48.189         | 108.278        | 42.007      | PK   |
| 7  |      | 5891.125        | 60.087                 | 17.877               | -33.146         | 93.233         | 42.210      | PK   |

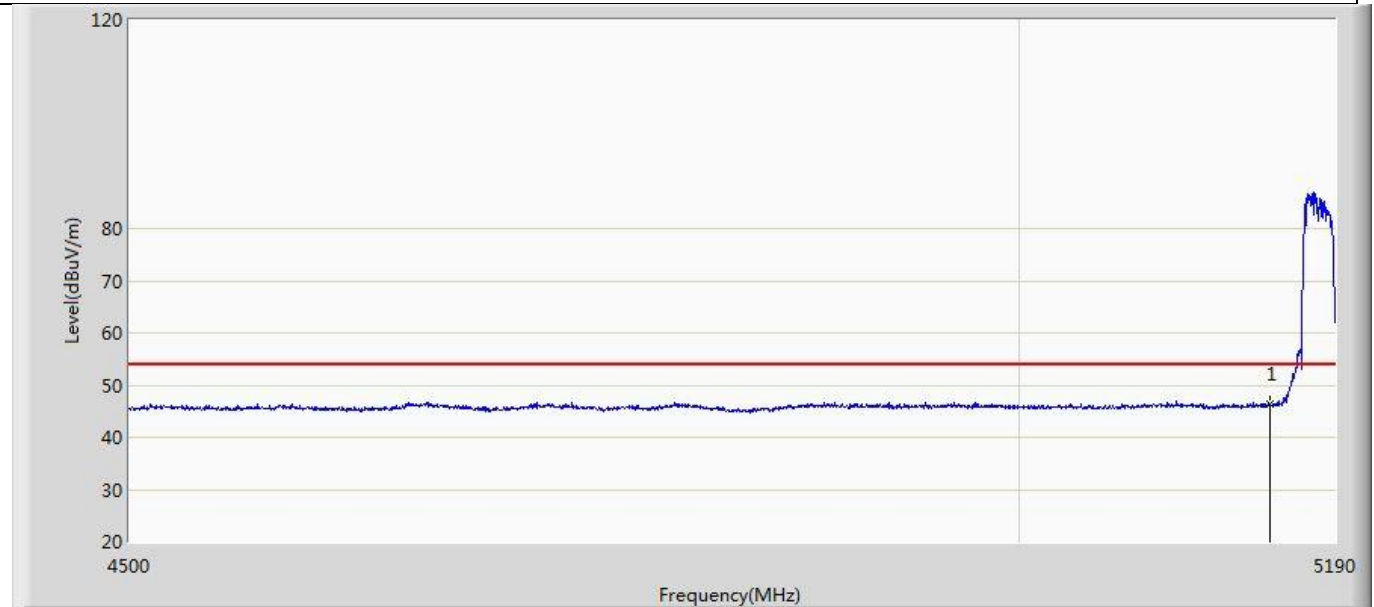
**ANT-DB1-RAF-RPS: SISO-Ant2**

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 1              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 21:21 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 SISO |                          |



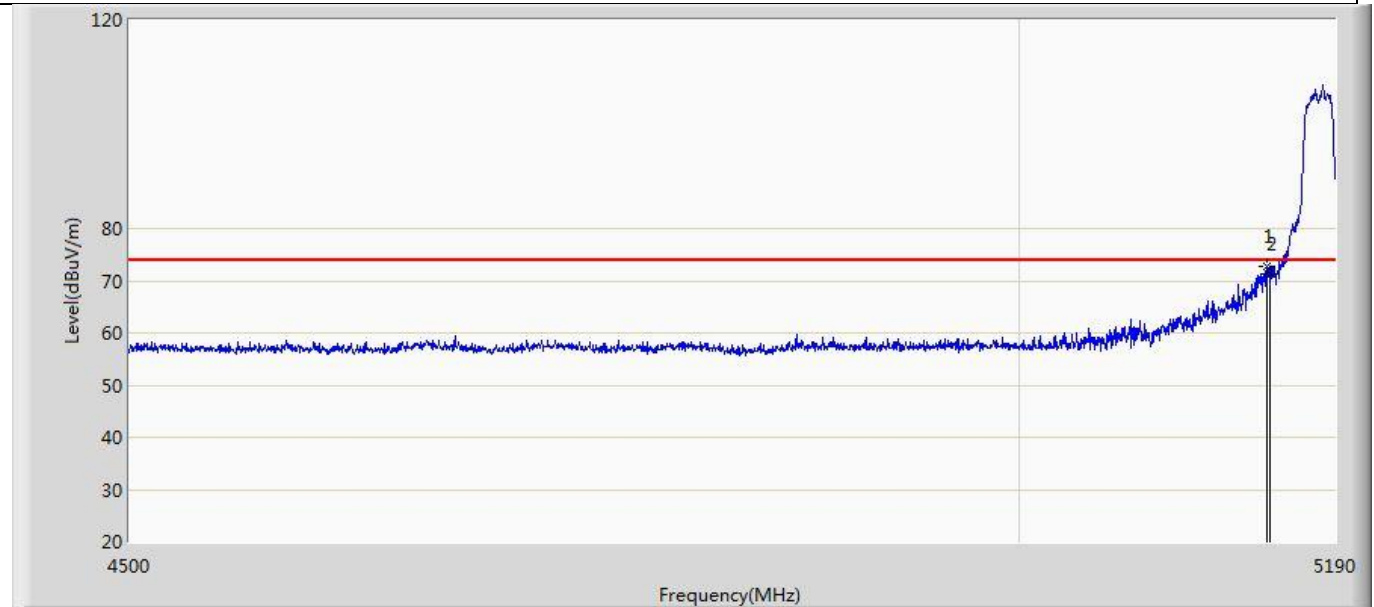
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5143.080        | 70.372                 | 29.299               | -3.628          | 74.000         | 41.073      | PK   |
| 2  |      | 5150.000        | 69.431                 | 28.223               | -4.569          | 74.000         | 41.208      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 2              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/16 - 19:15 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 SISO |                          |



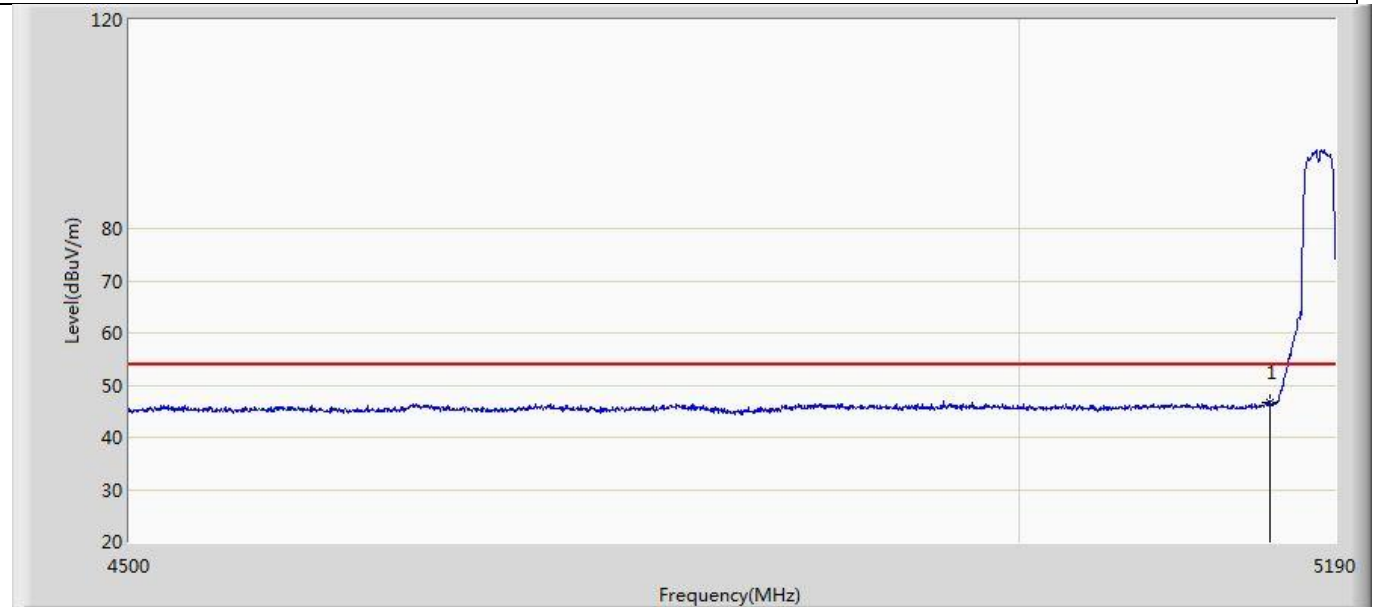
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.294                 | 5.086                | -7.706          | 54.000         | 41.208      | AV   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 3              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 21:22 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 SISO |                          |



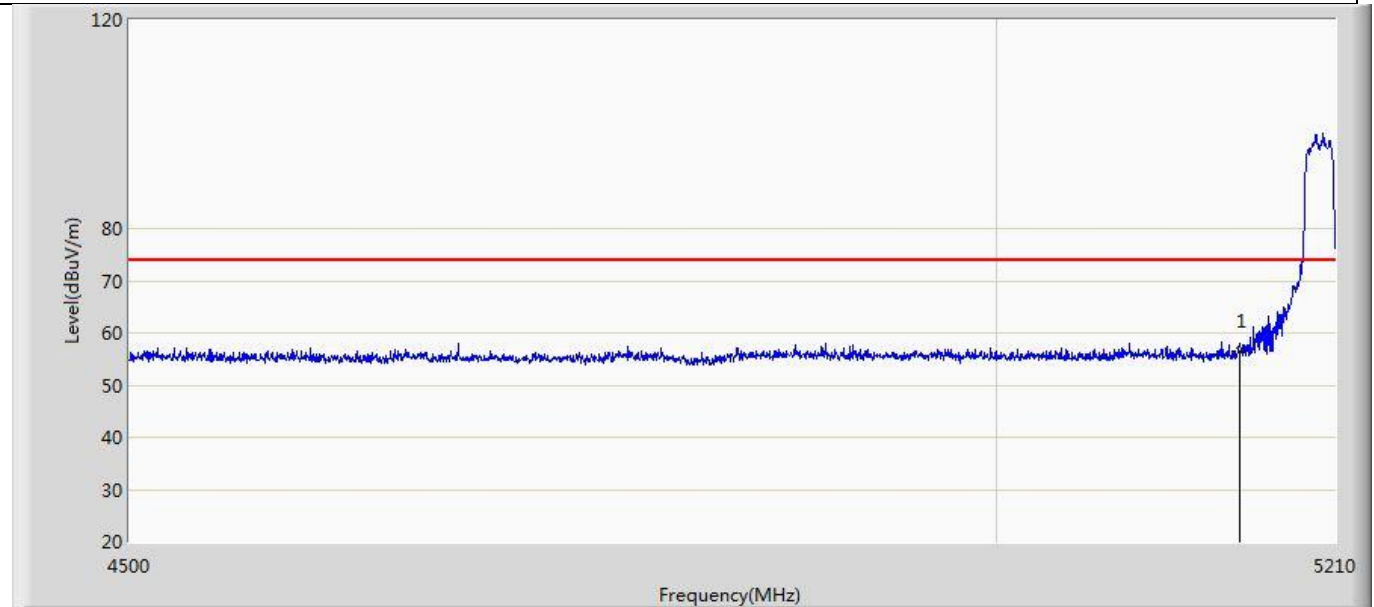
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5148.600        | 72.659                 | 31.488               | -1.341          | 74.000         | 41.171      | PK   |
| 2  |      | 5150.000        | 71.198                 | 29.990               | -2.802          | 74.000         | 41.208      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 4              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 21:22 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5180MHz by 11ac20 SISO |                          |



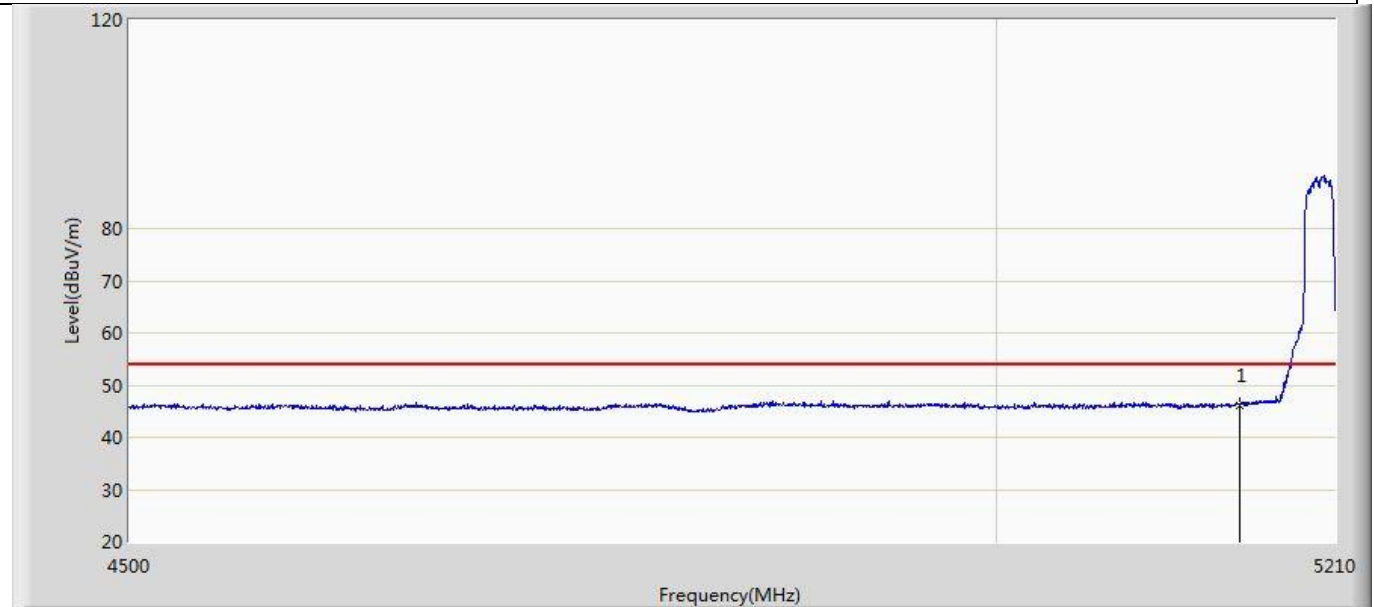
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.789                 | 5.581                | -7.211          | 54.000         | 41.208      | AV   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 5              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/12/03 - 20:29 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 SISO |                          |



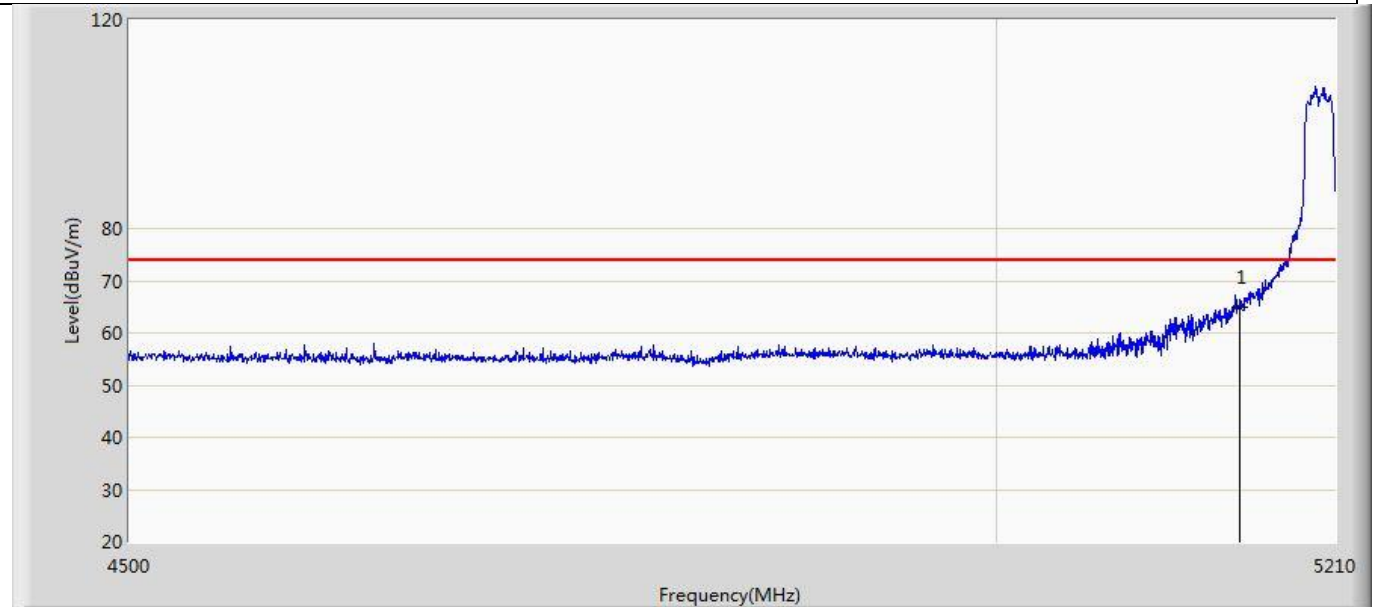
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 56.442                 | 15.234               | -17.558         | 74.000         | 41.208      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 6              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/12/03 - 20:28 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 SISO |                          |



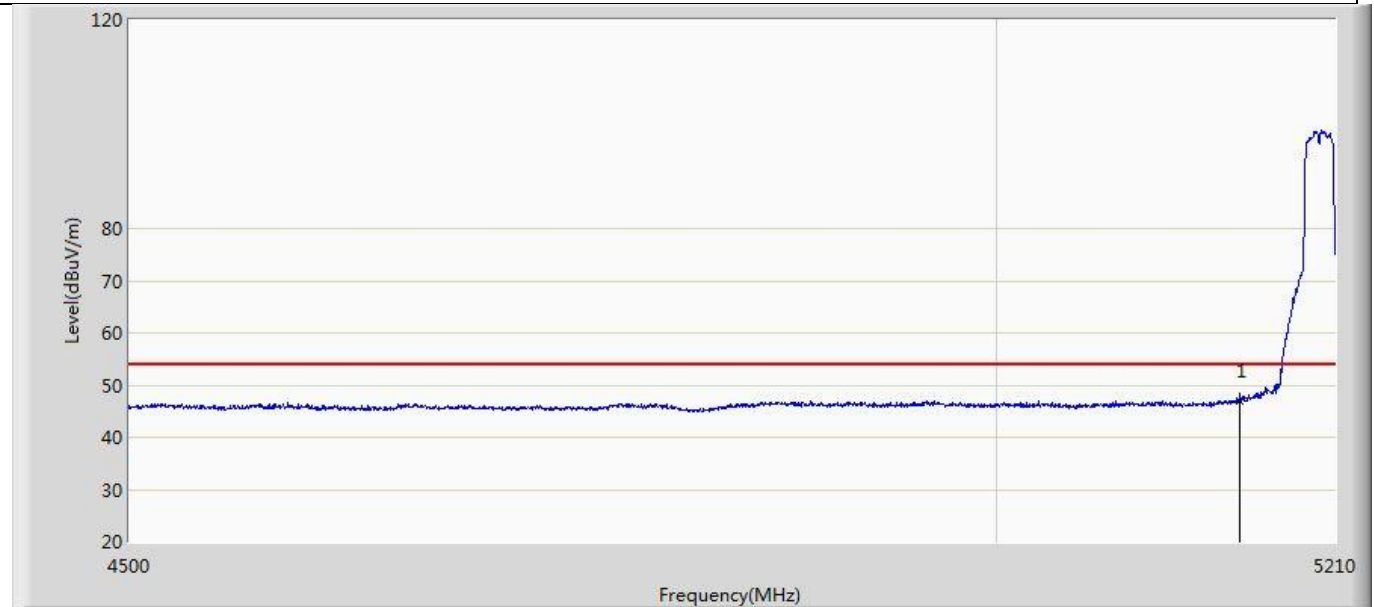
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.195                 | 4.987                | -7.805          | 54.000         | 41.208      | AV   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 7              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/12/03 - 20:31 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 SISO |                          |



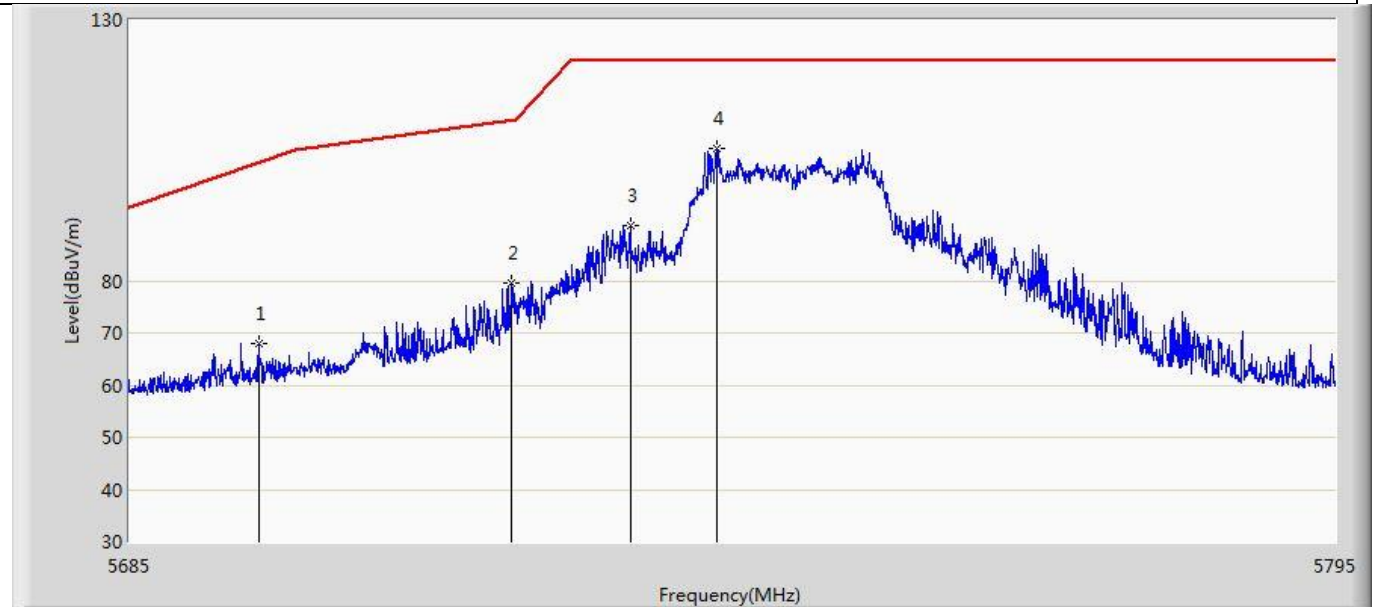
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 64.938                 | 23.730               | -9.062          | 74.000         | 41.208      | PK   |

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|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 8              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/12/03 - 20:30 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5200MHz by 11ac20 SISO |                          |



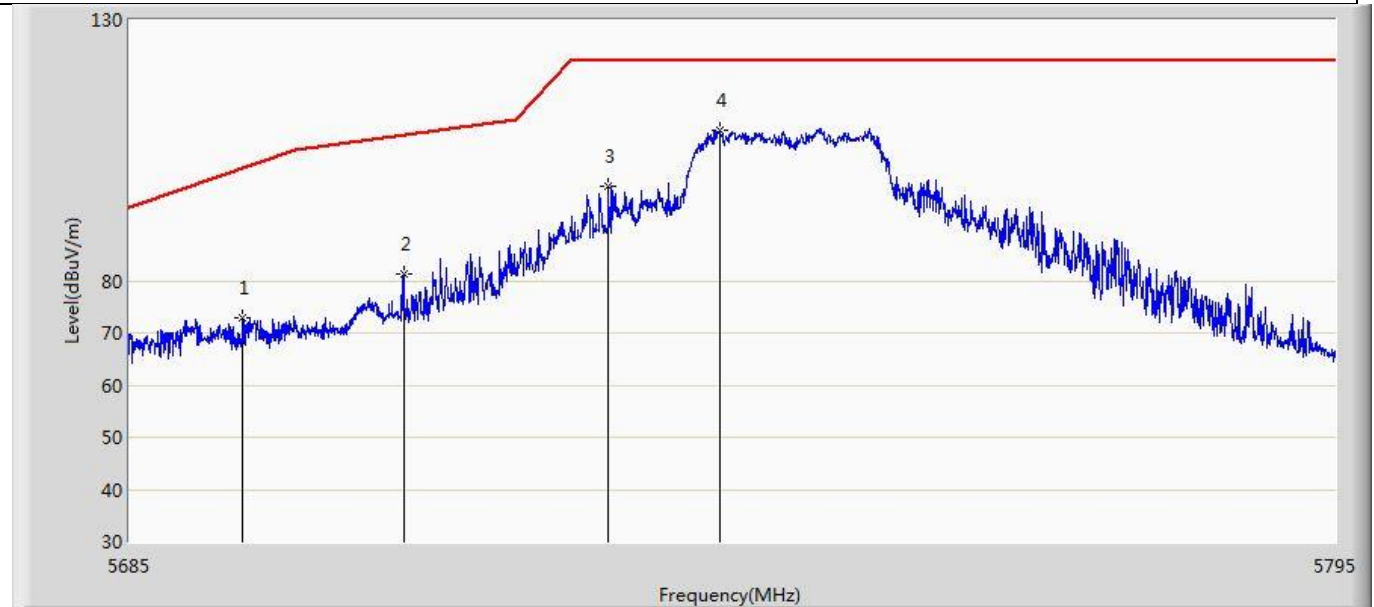
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 46.879                 | 5.671                | -7.121          | 54.000         | 41.208      | AV   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 1              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/16 - 19:15 |
| Limit: FCC-15.407 new                           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5745MHz by 11ac20 SISO |                          |



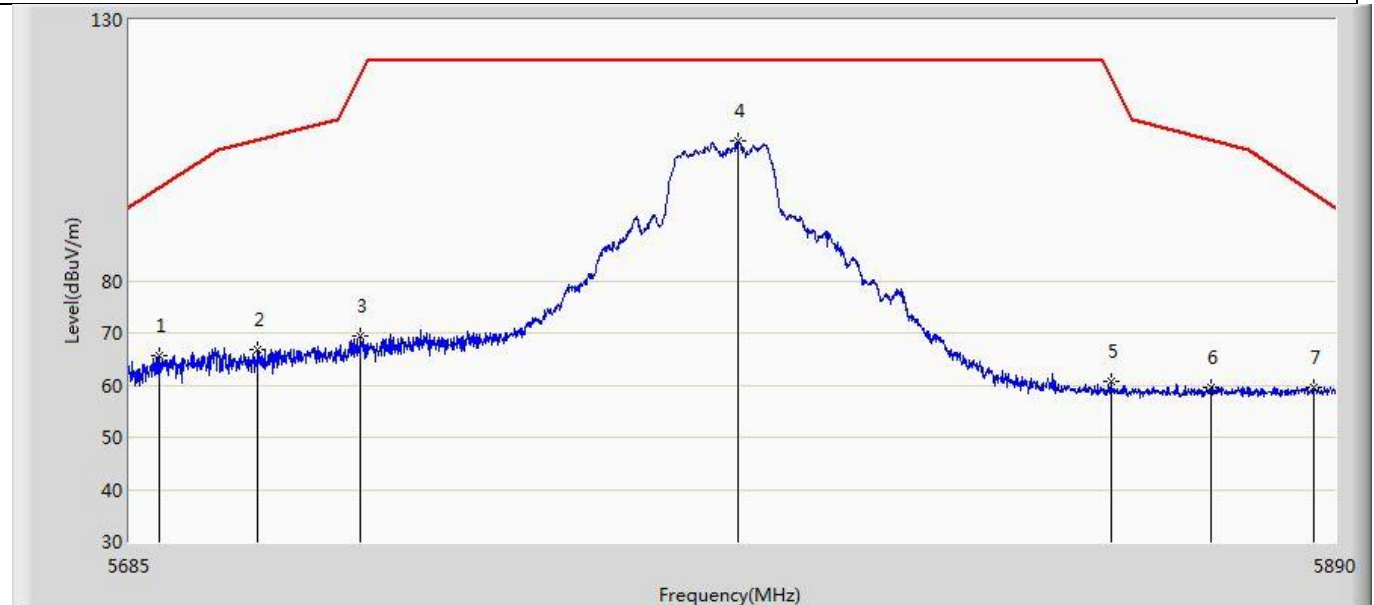
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5696.715        | 67.974                 | 25.940               | -34.805         | 102.779        | 42.034      | PK   |
| 2  |      | 5719.650        | 79.587                 | 37.597               | -31.115         | 110.702        | 41.991      | PK   |
| 3  |      | 5730.485        | 90.560                 | 48.654               | -31.640         | 122.200        | 41.906      | PK   |
| 4  | *    | 5738.295        | 105.354                | 63.524               | -16.846         | 122.200        | 41.829      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 2              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 23:15 |
| Limit: FCC-15.407 new                           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5745MHz by 11ac20 SISO |                          |



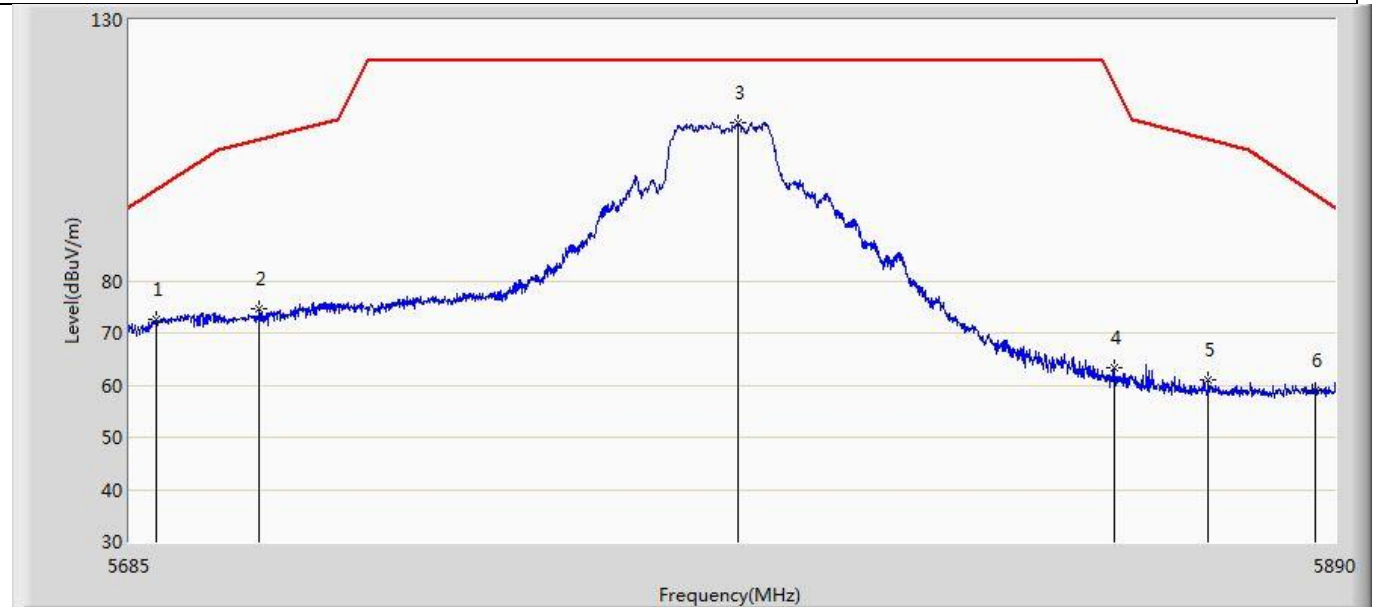
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5695.285        | 72.959                 | 30.928               | -28.766         | 101.725        | 42.032      | PK   |
| 2  |      | 5709.915        | 81.309                 | 39.256               | -26.670         | 107.979        | 42.053      | PK   |
| 3  |      | 5728.450        | 98.023                 | 56.097               | -24.177         | 122.200        | 41.926      | PK   |
| 4  | *    | 5738.625        | 108.879                | 67.053               | -13.321         | 122.200        | 41.827      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 208            |
| Engineer: Juliuszhou                       |                          |
| Site: AC5                                  | Time: 2021/11/29 - 21:02 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5785MHz by 11ac20 |                          |



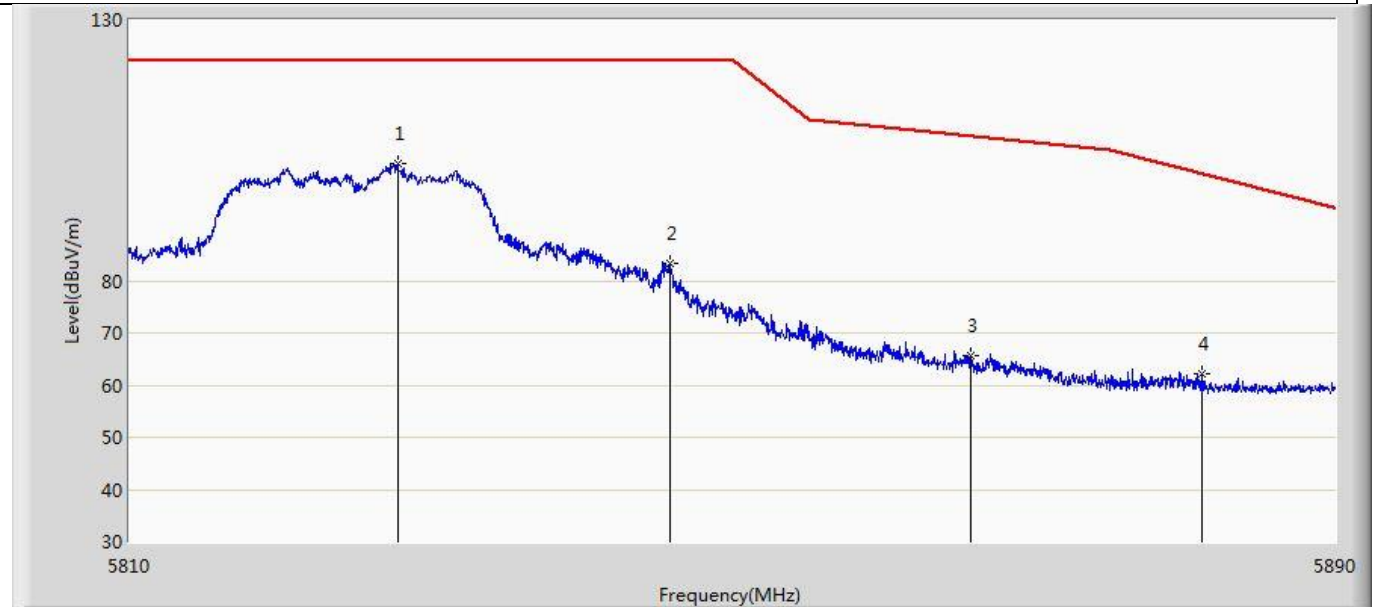
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5690.125        | 65.677                 | 23.634               | -32.241         | 97.918         | 42.043      | PK   |
| 2  |      | 5706.525        | 66.876                 | 24.823               | -40.153         | 107.029        | 42.053      | PK   |
| 3  |      | 5723.848        | 69.497                 | 27.533               | -50.078         | 119.574        | 41.963      | PK   |
| 4  | *    | 5787.705        | 106.866                | 64.807               | -15.334         | 122.200        | 42.059      | PK   |
| 5  |      | 5851.357        | 60.744                 | 18.783               | -58.361         | 119.105        | 41.961      | PK   |
| 6  |      | 5868.475        | 59.424                 | 17.392               | -47.601         | 107.025        | 42.032      | PK   |
| 7  |      | 5886.310        | 59.541                 | 17.378               | -37.262         | 96.803         | 42.163      | PK   |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Profile: 2180545R                          | Page No.: 209            |
| Engineer: Juliuszhou                       |                          |
| Site: AC5                                  | Time: 2021/11/29 - 21:04 |
| Limit: FCC-15.407 new                      | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)        | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )      | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5785MHz by 11ac20 |                          |



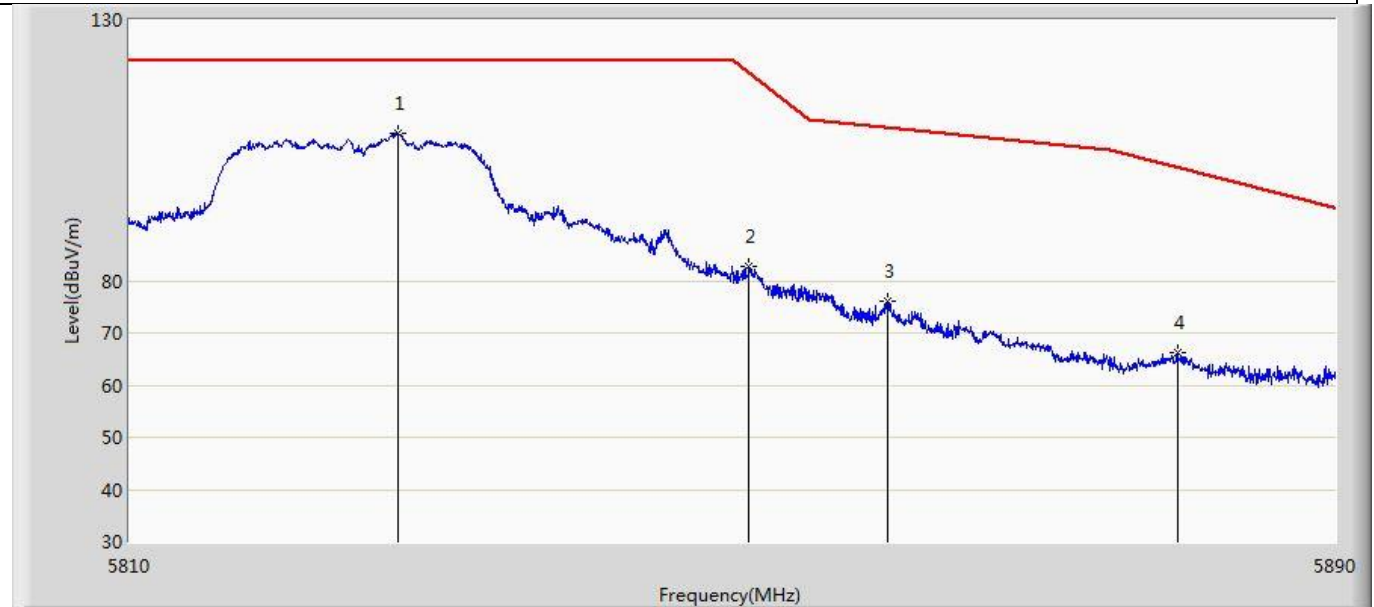
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 5689.612        | 72.546                 | 30.498               | -24.994         | 97.540         | 42.048      | PK   |
| 2  |      | 5706.730        | 74.568                 | 32.514               | -32.519         | 107.087        | 42.054      | PK   |
| 3  | *    | 5787.705        | 110.296                | 68.237               | -11.904         | 122.200        | 42.059      | PK   |
| 4  |      | 5851.973        | 63.301                 | 21.338               | -54.400         | 117.700        | 41.963      | PK   |
| 5  |      | 5868.167        | 60.957                 | 18.927               | -46.154         | 107.111        | 42.031      | PK   |
| 6  |      | 5886.618        | 58.871                 | 16.705               | -37.703         | 96.575         | 42.166      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 5              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 23:21 |
| Limit: FCC-15.407 new                           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5805MHz by 11ac20 SISO |                          |



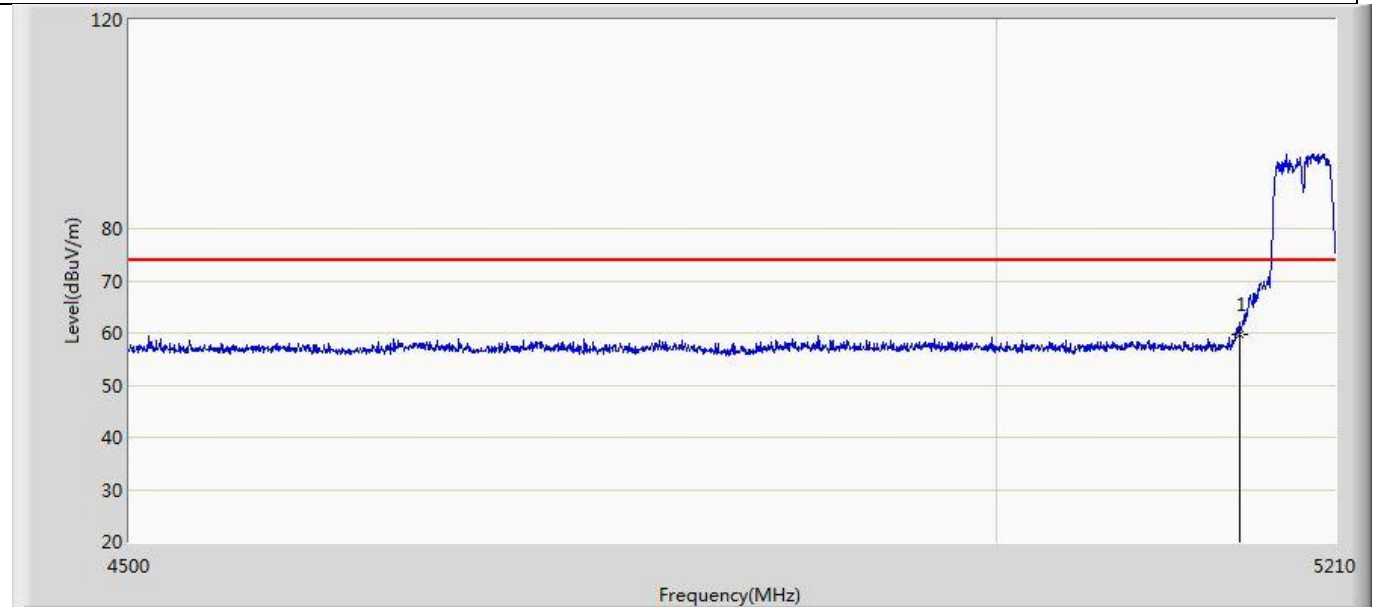
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5827.720        | 102.353                | 60.358               | -19.847         | 122.200        | 41.996      | PK   |
| 2  |      | 5845.800        | 83.331                 | 41.388               | -38.869         | 122.200        | 41.943      | PK   |
| 3  |      | 5865.680        | 65.637                 | 23.621               | -42.170         | 107.807        | 42.016      | PK   |
| 4  |      | 5881.160        | 62.167                 | 20.054               | -38.457         | 100.625        | 42.114      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 6              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 23:24 |
| Limit: FCC-15.407 new                           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Vertical       |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 1:Transmit at 5805MHz by 11ac20 SISO |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5827.760        | 108.350                | 66.355               | -13.850         | 122.200        | 41.996      | PK   |
| 2  |      | 5851.000        | 82.618                 | 40.658               | -37.302         | 119.919        | 41.960      | PK   |
| 3  |      | 5860.160        | 76.147                 | 34.158               | -33.206         | 109.353        | 41.989      | PK   |
| 4  |      | 5879.480        | 66.185                 | 24.088               | -35.687         | 101.872        | 42.097      | PK   |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Profile: 2180545R                               | Page No.: 9              |
| Engineer: Nile                                  |                          |
| Site: AC5                                       | Time: 2021/11/25 - 21:27 |
| Limit: FCC_Part15.209_RE(3m)                    | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)             | Polarity: Horizontal     |
| EUT: LPS ( LOCAL POSITIONING SYSTEM )           | Power: DC3.3V            |
| Note: Mode 2:Transmit at 5190MHz by 11ac40 SISO |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 5150.000        | 59.678                 | 18.470               | -14.322         | 74.000         | 41.208      | PK   |