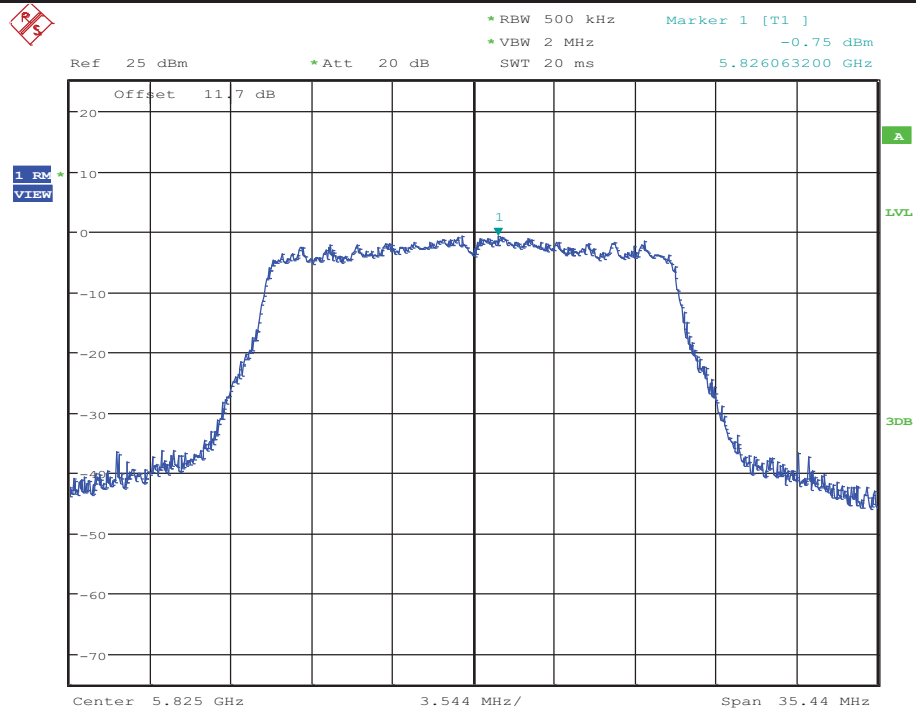
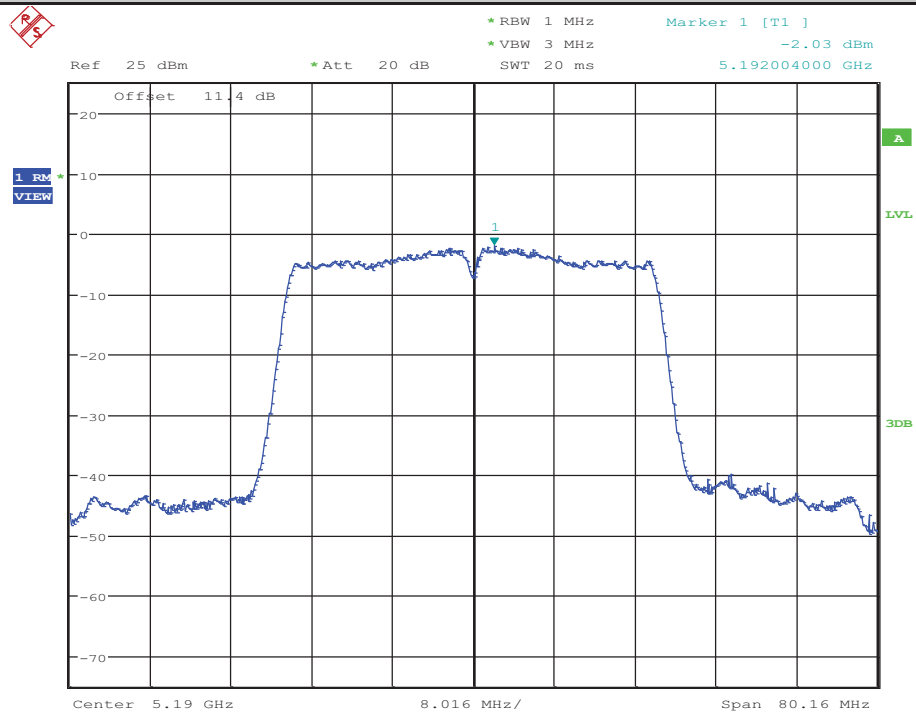


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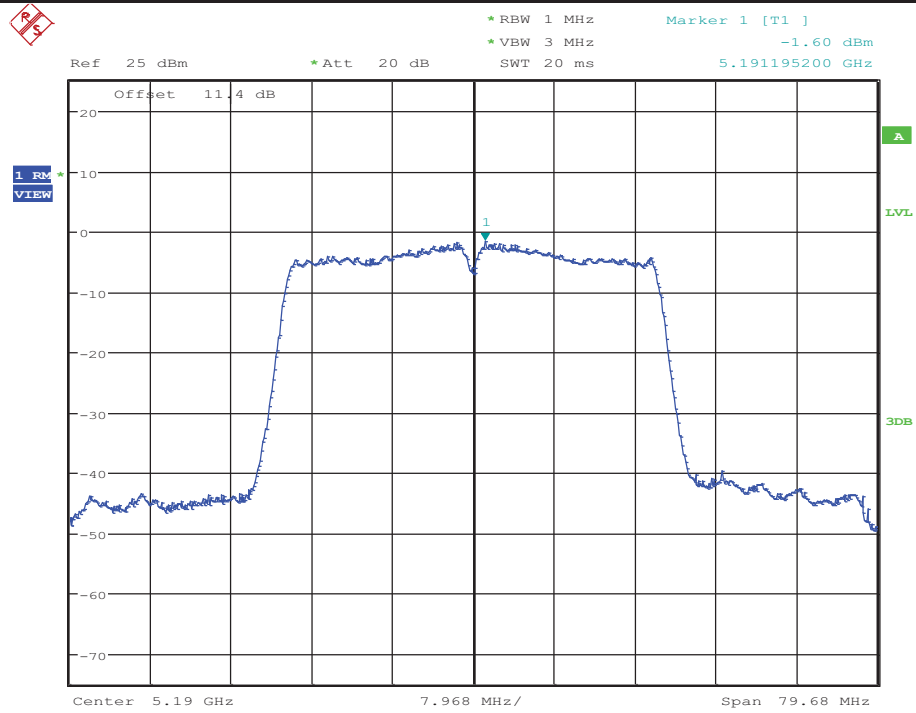
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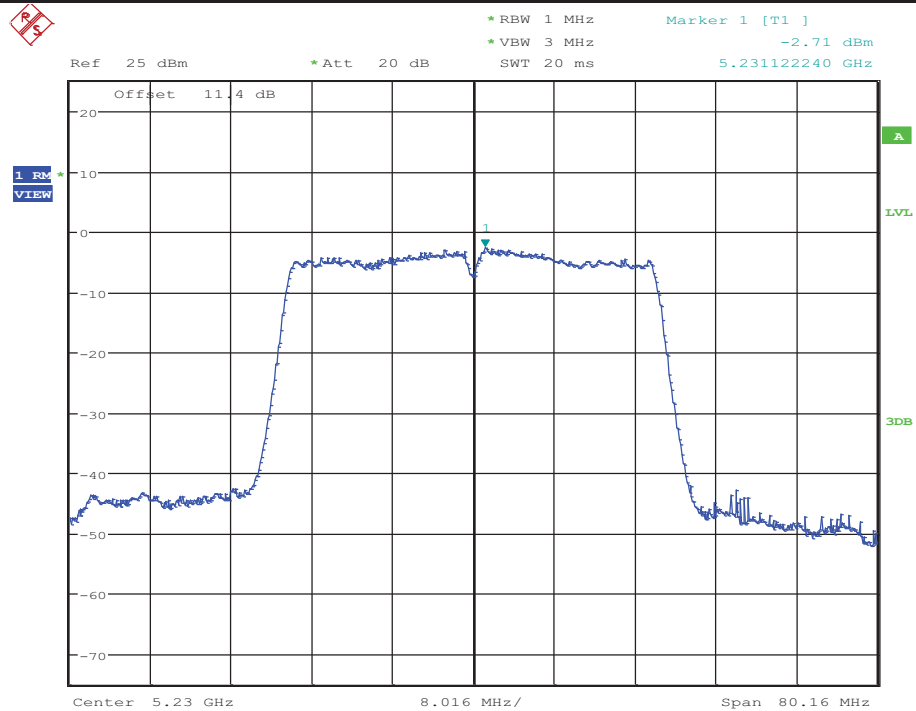
Date: 5.SEP.2017 09:46:52

## Maximum Power Spectral Density\_TNVN\_11AC40\_5190\_Ant2



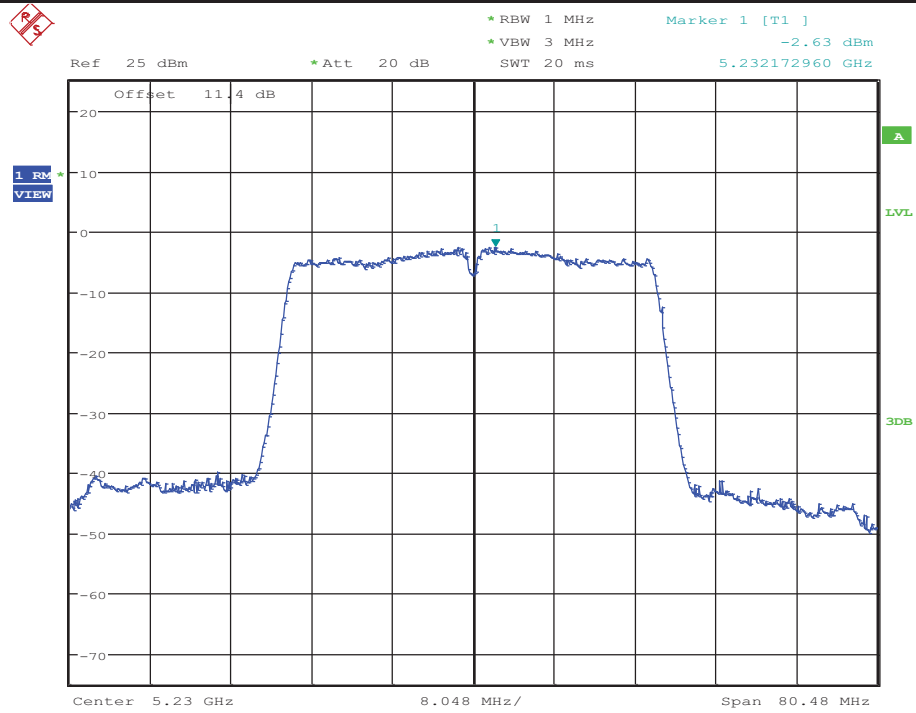
Date: 5.SEP.2017 20:58:08

## Maximum Power Spectral Density\_TNVN\_11AC40\_5230\_Ant1



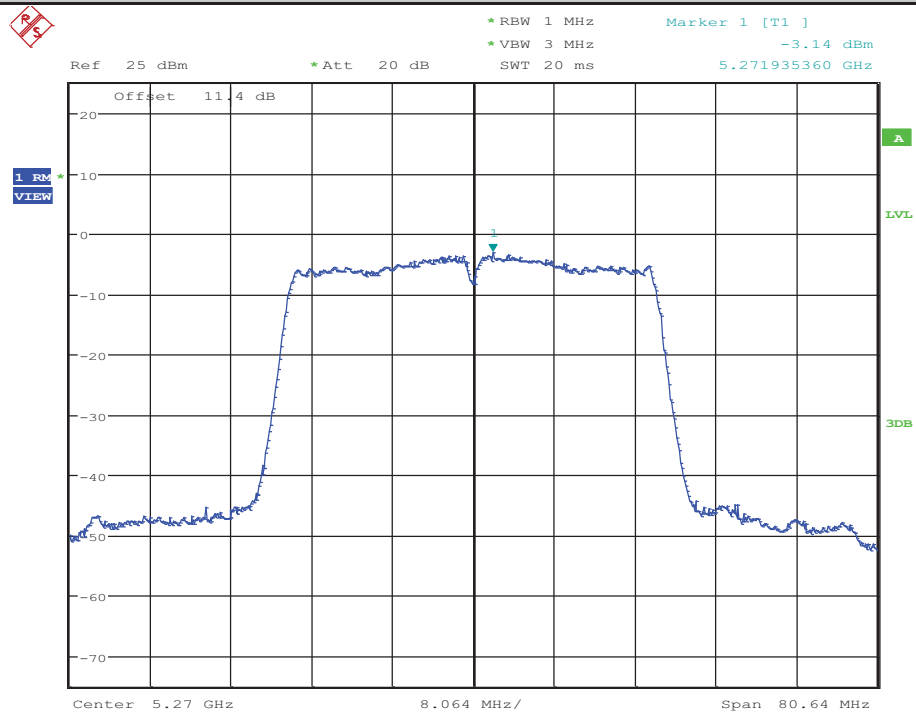
Date: 5.SEP.2017 09:51:22

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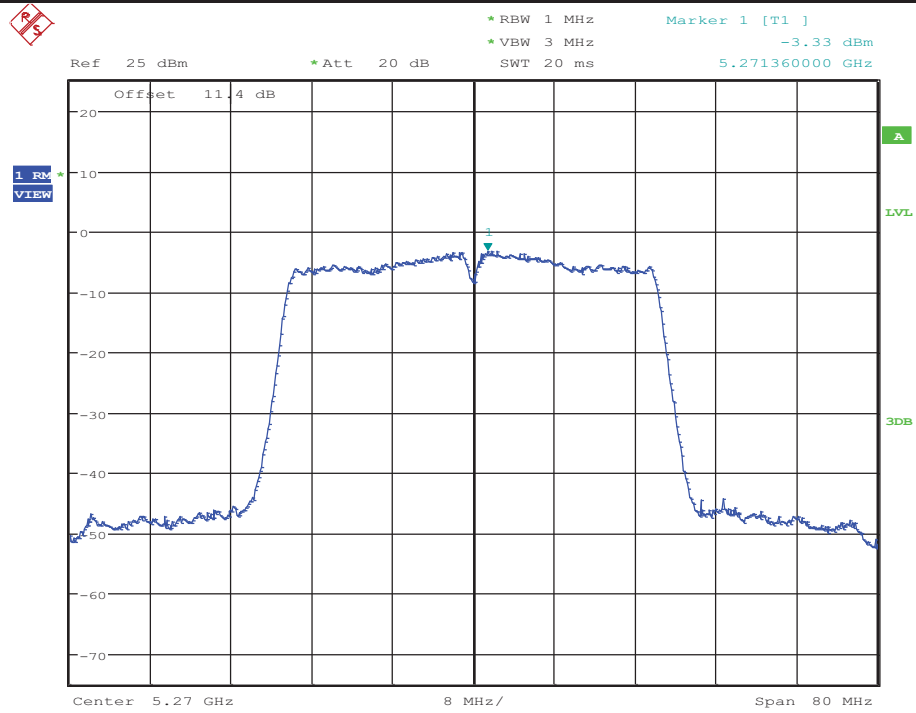
Date: 5.SEP.2017 21:02:34

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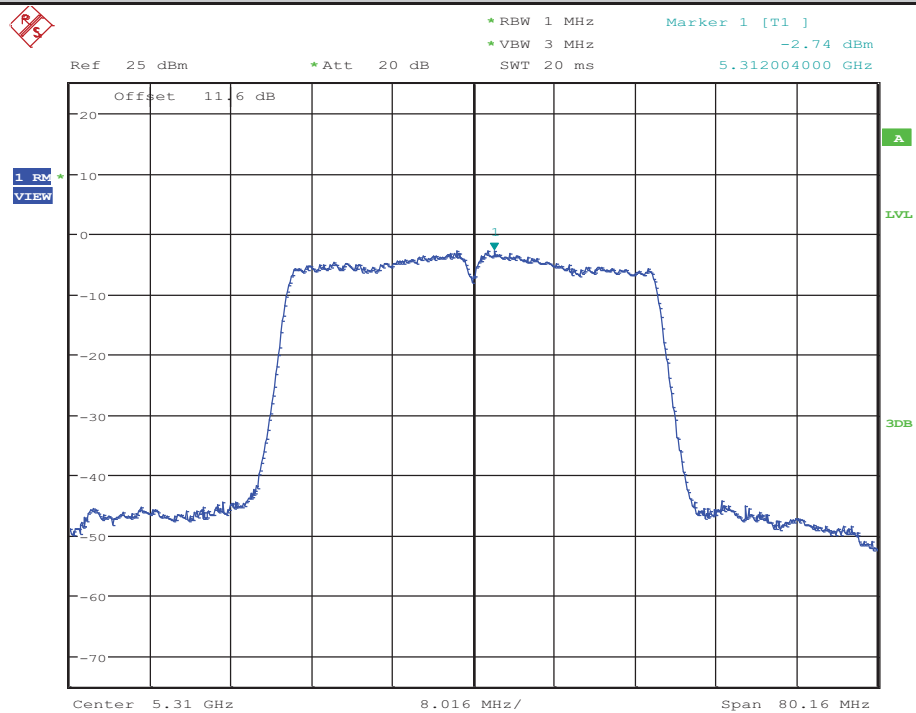
Date: 5.SEP.2017 09:58:14

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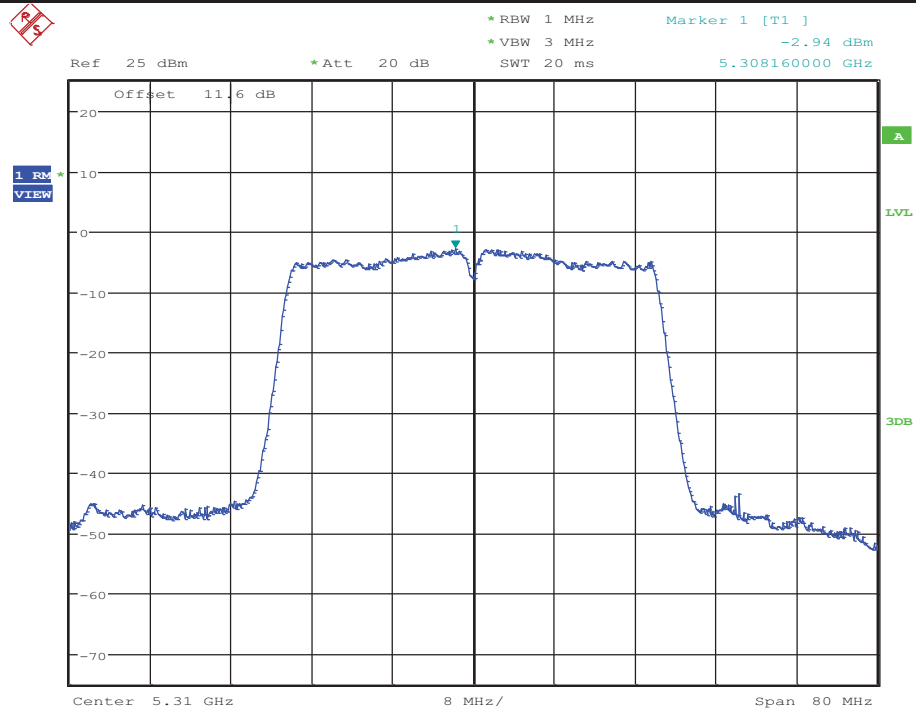
Date: 5.SEP.2017 21:07:01

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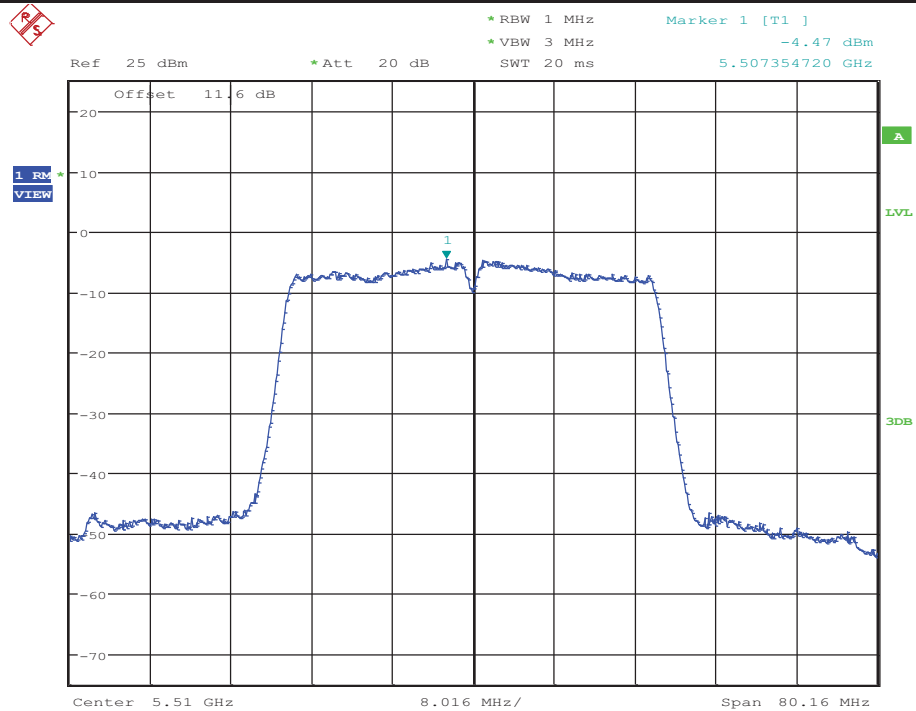
Date: 5.SEP.2017 10:02:41

## Maximum Power Spectral Density\_TNVN\_11AC40\_5310\_Ant2



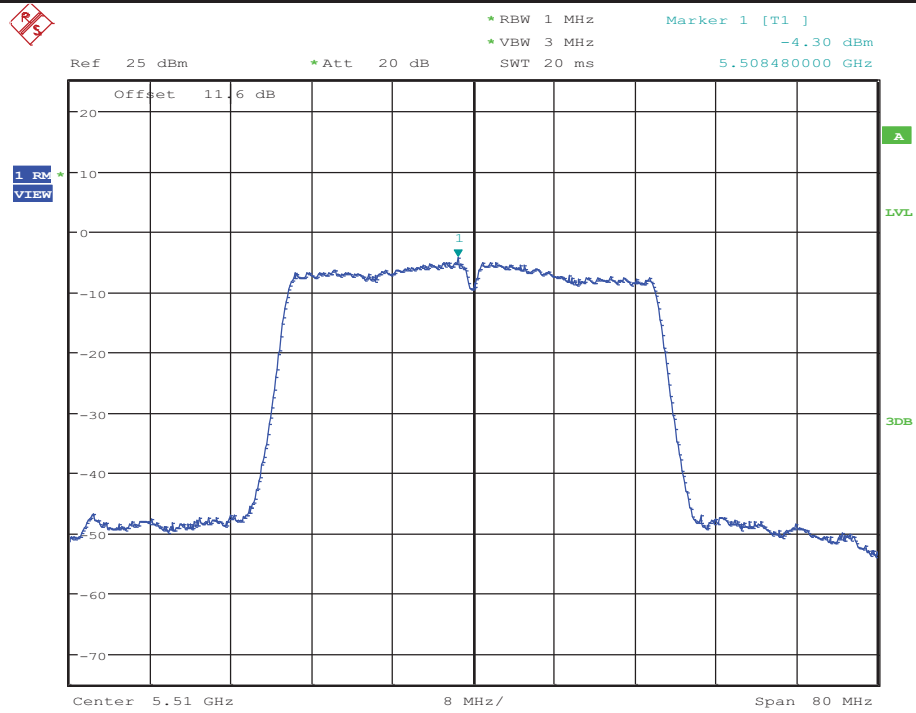
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## Maximum Power Spectral Density\_TNVN\_11AC40\_5510\_Ant1



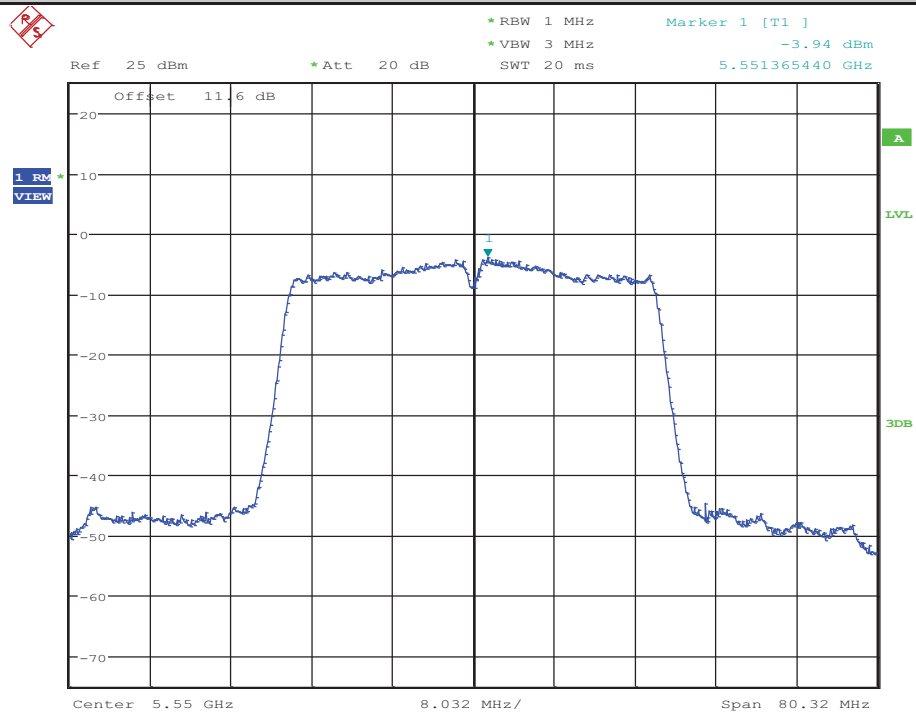
Date: 5.SEP.2017 10:07:35

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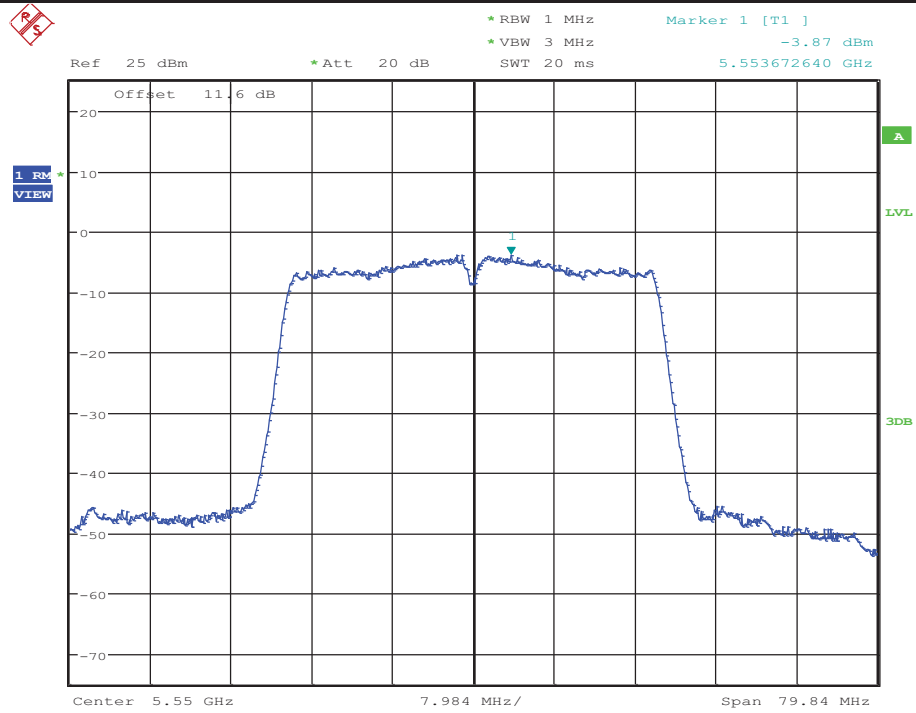
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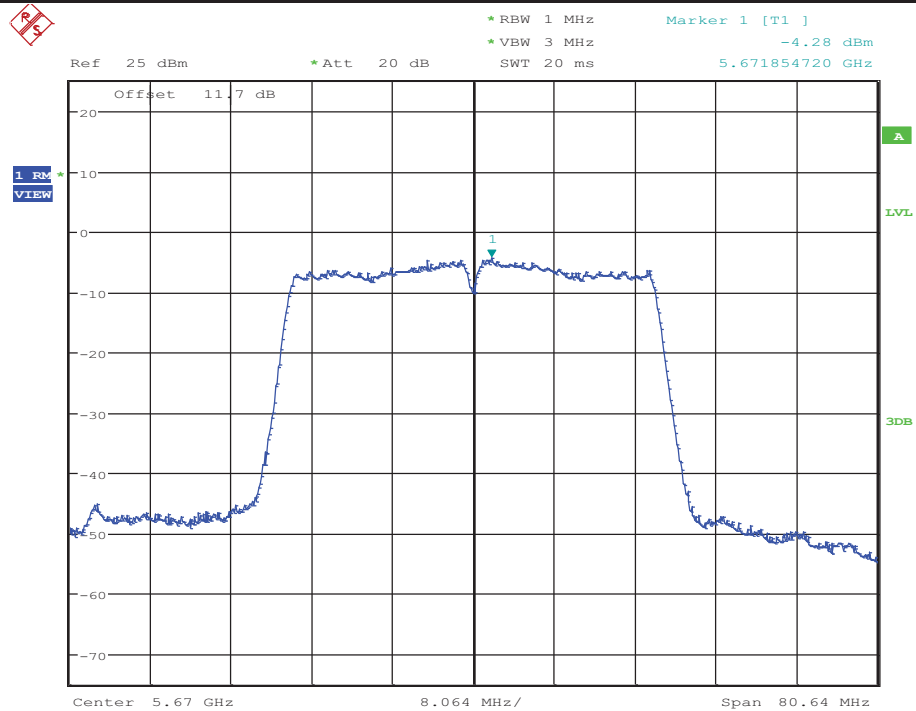
Date: 5.SEP.2017 10:12:43

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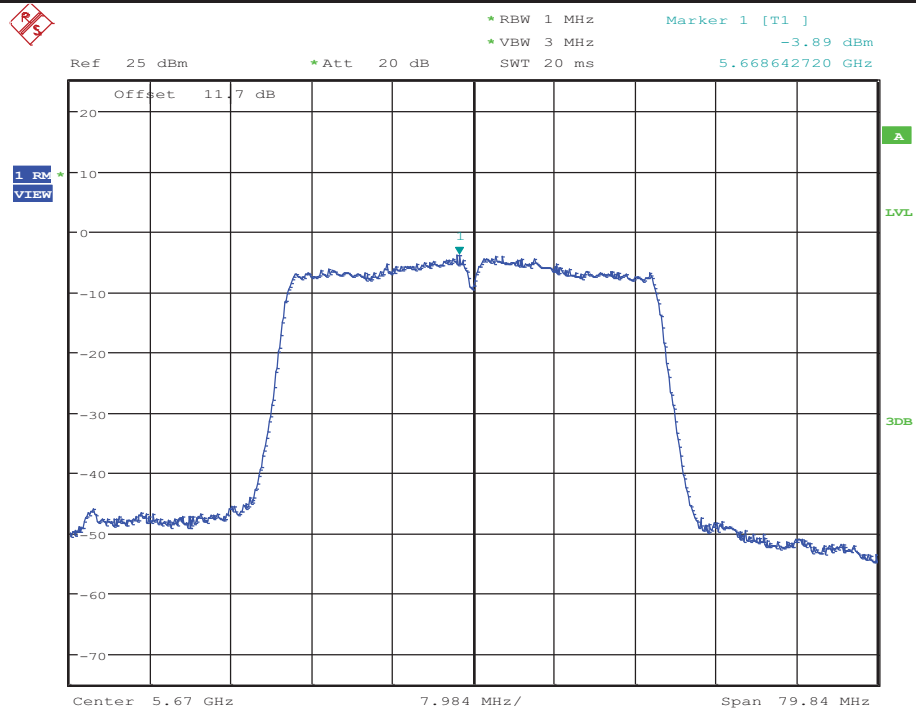
Date: 5.SEP.2017 21:21:43

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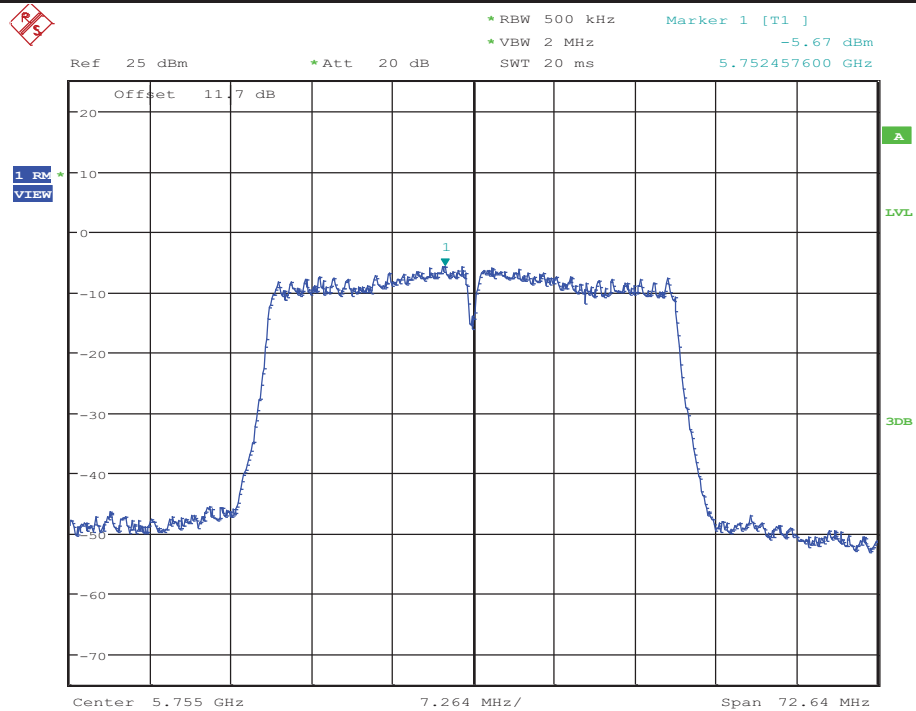
Date: 5.SEP.2017 10:16:58

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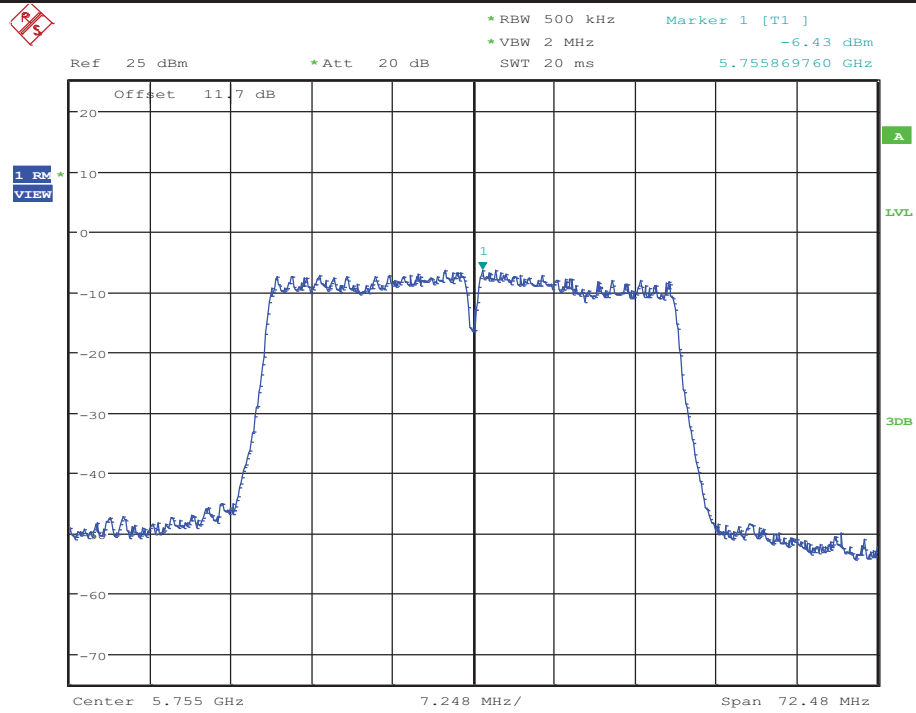
Date: 5.SEP.2017 21:26:20

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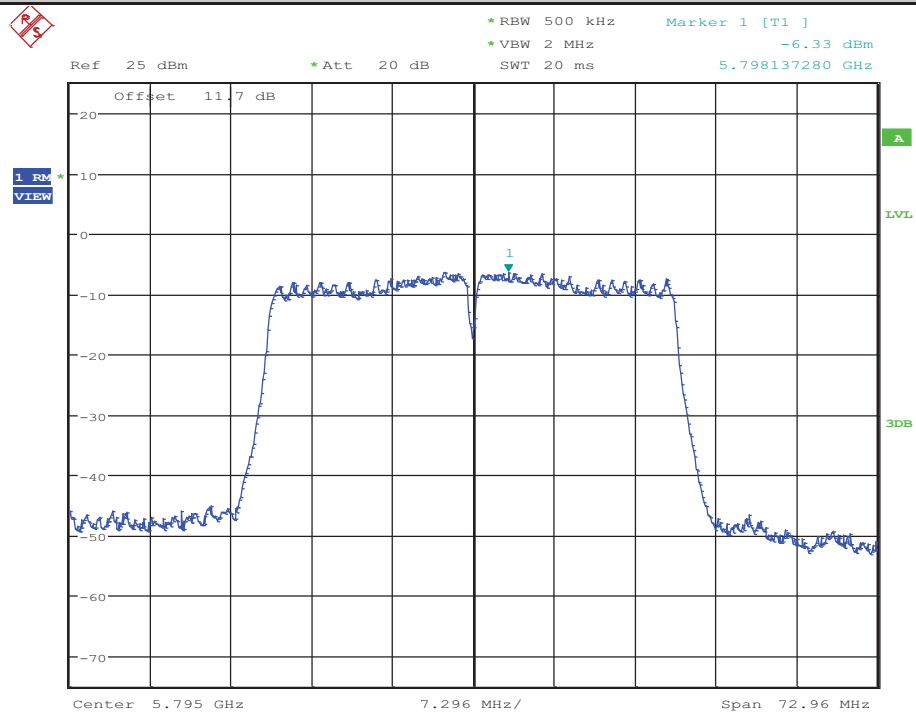
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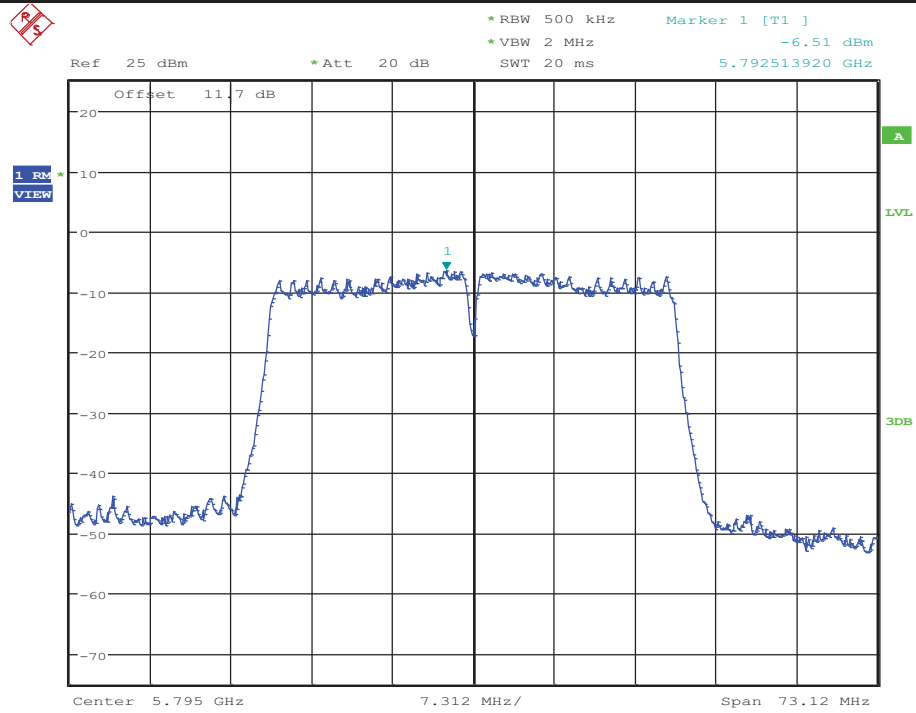
Date: 5.SEP.2017 21:30:47

## Maximum Power Spectral Density\_TNVN\_11AC40\_5795\_Ant1



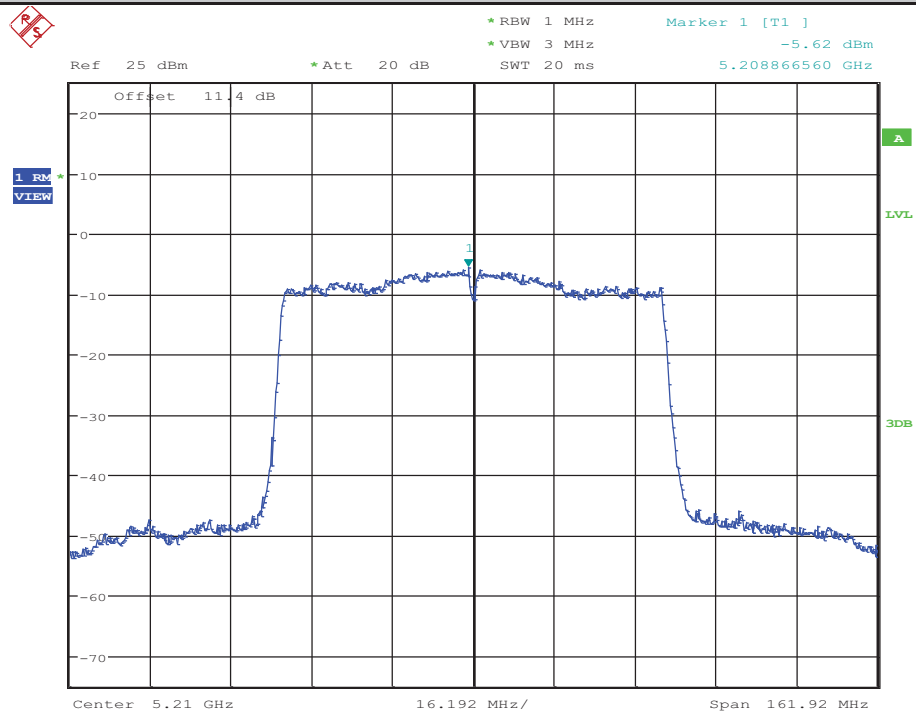
Date: 5.SEP.2017 10:25:57

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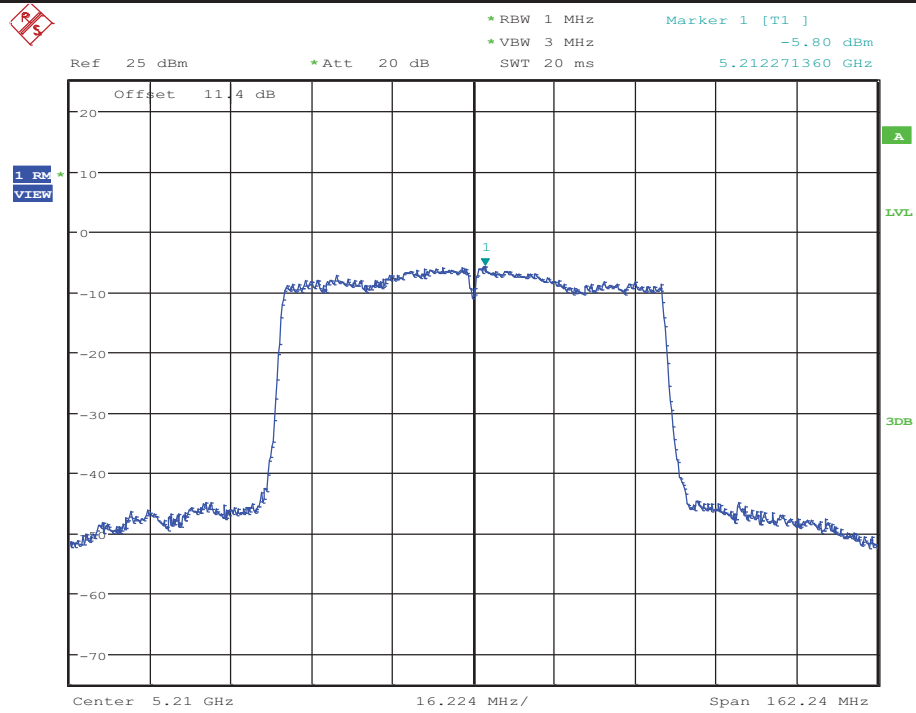
Date: 5.SEP.2017 21:35:13

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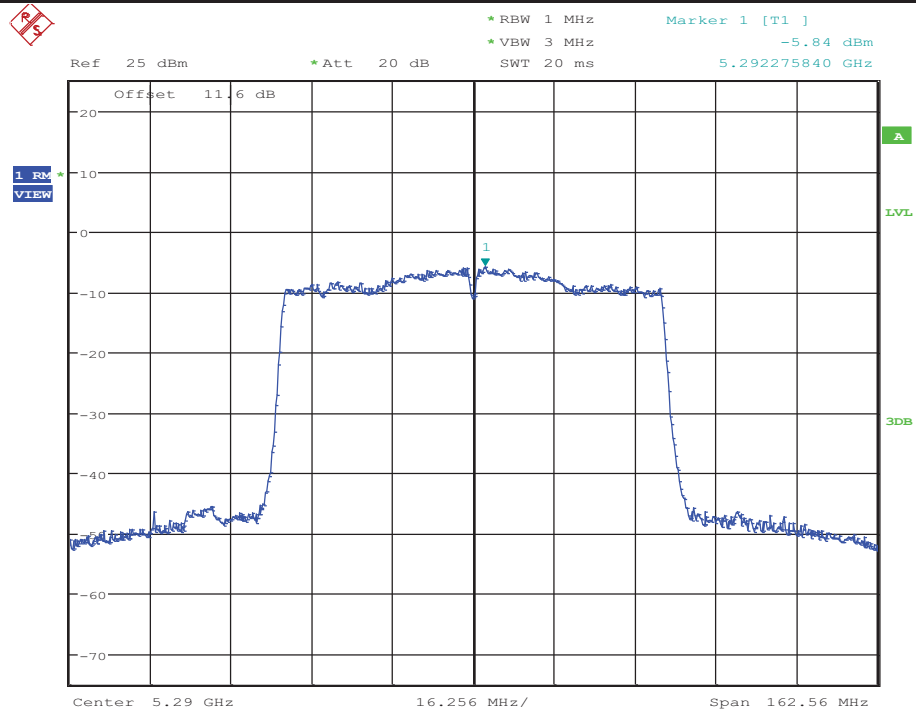
Date: 5.SEP.2017 10:39:45

## Maximum Power Spectral Density\_TNVN\_11AC80\_5210\_Ant2



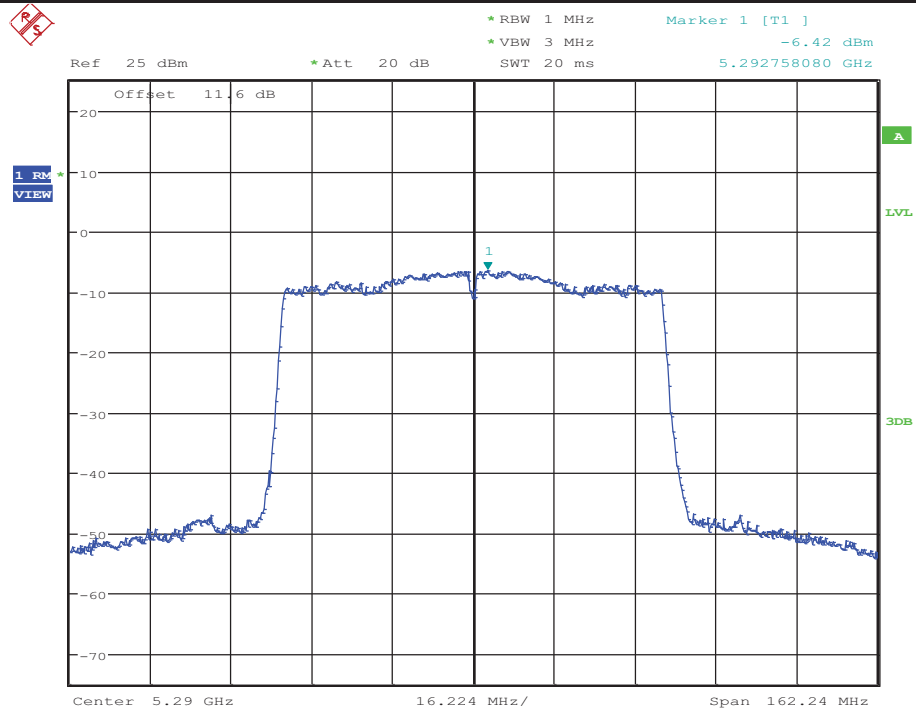
Date: 5.SEP.2017 21:40:15

## Maximum Power Spectral Density\_TNVN\_11AC80\_5290\_Ant1



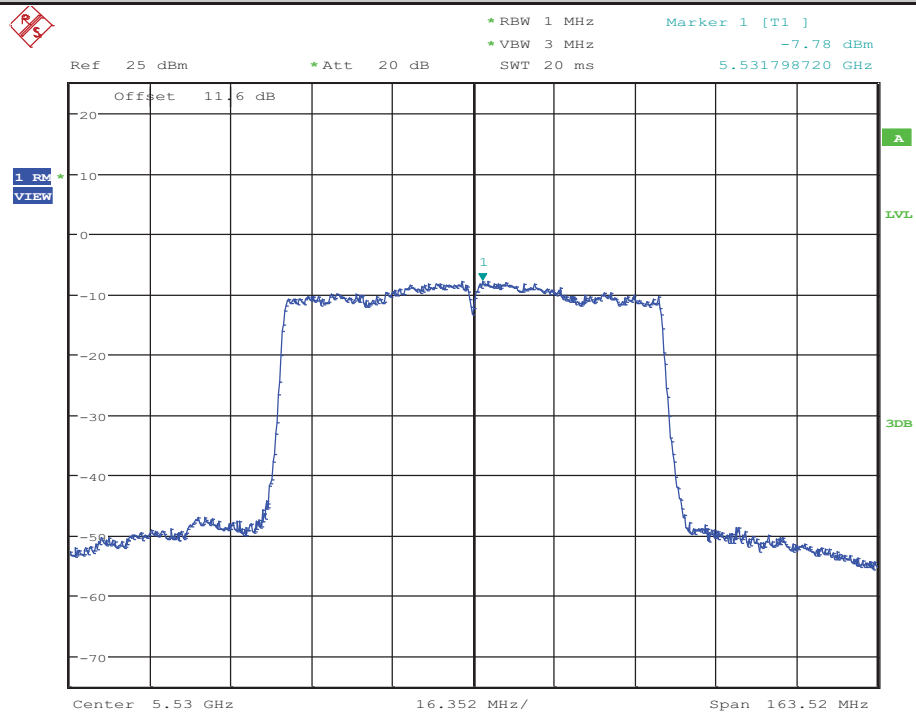
Date: 5.SEP.2017 11:07:46

## Maximum Power Spectral Density\_TNVN\_11AC80\_5290\_Ant2



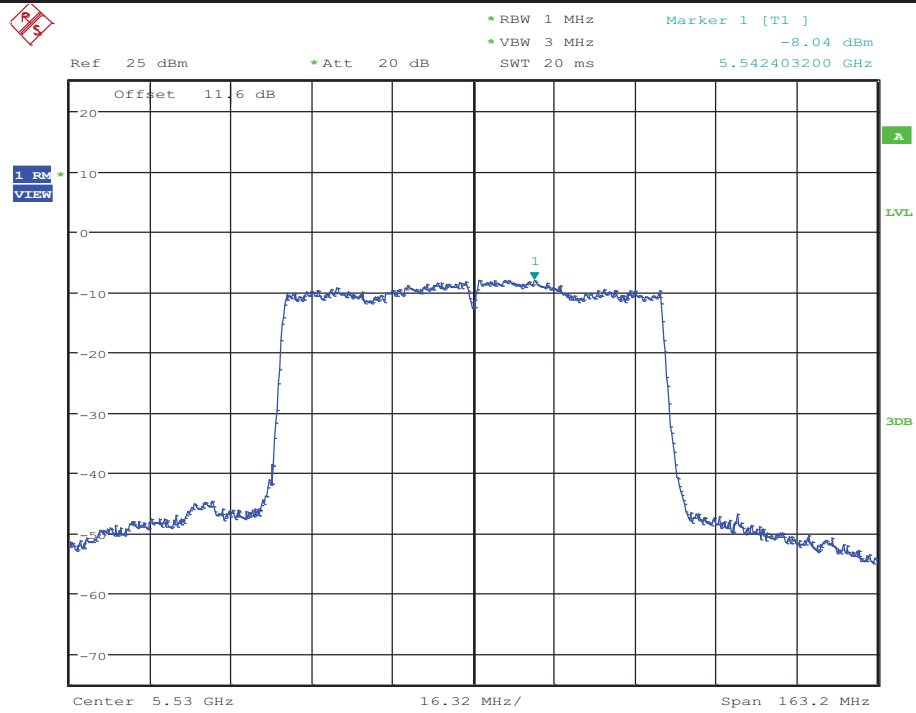
Date: 5.SEP.2017 21:44:57

## Maximum Power Spectral Density\_TNVN\_11AC80\_5530\_Ant1



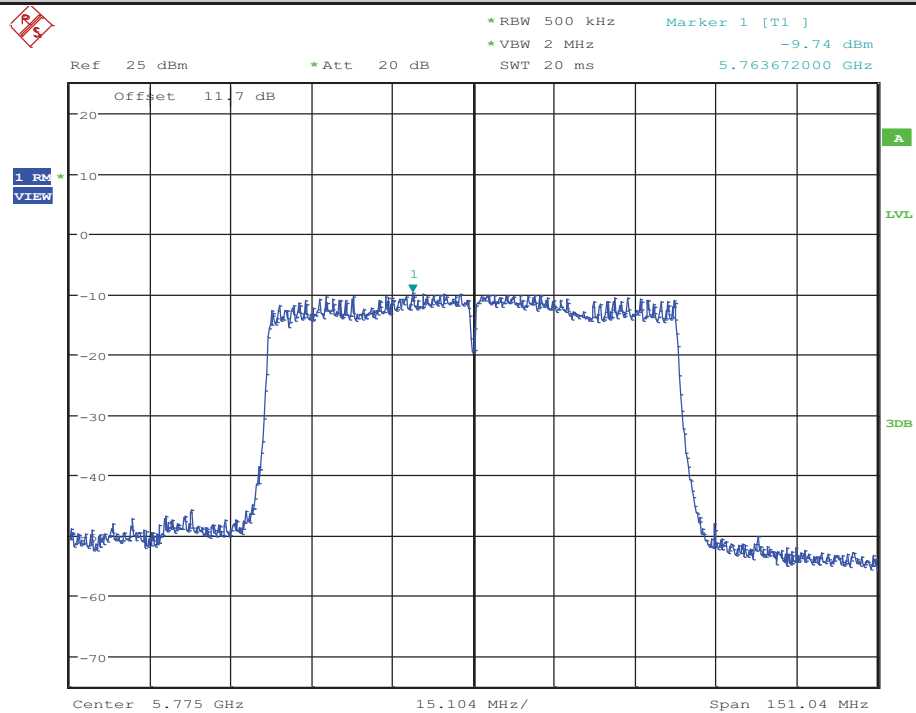
Date: 5.SEP.2017 11:12:14

## Maximum Power Spectral Density\_TNVN\_11AC80\_5530\_Ant2

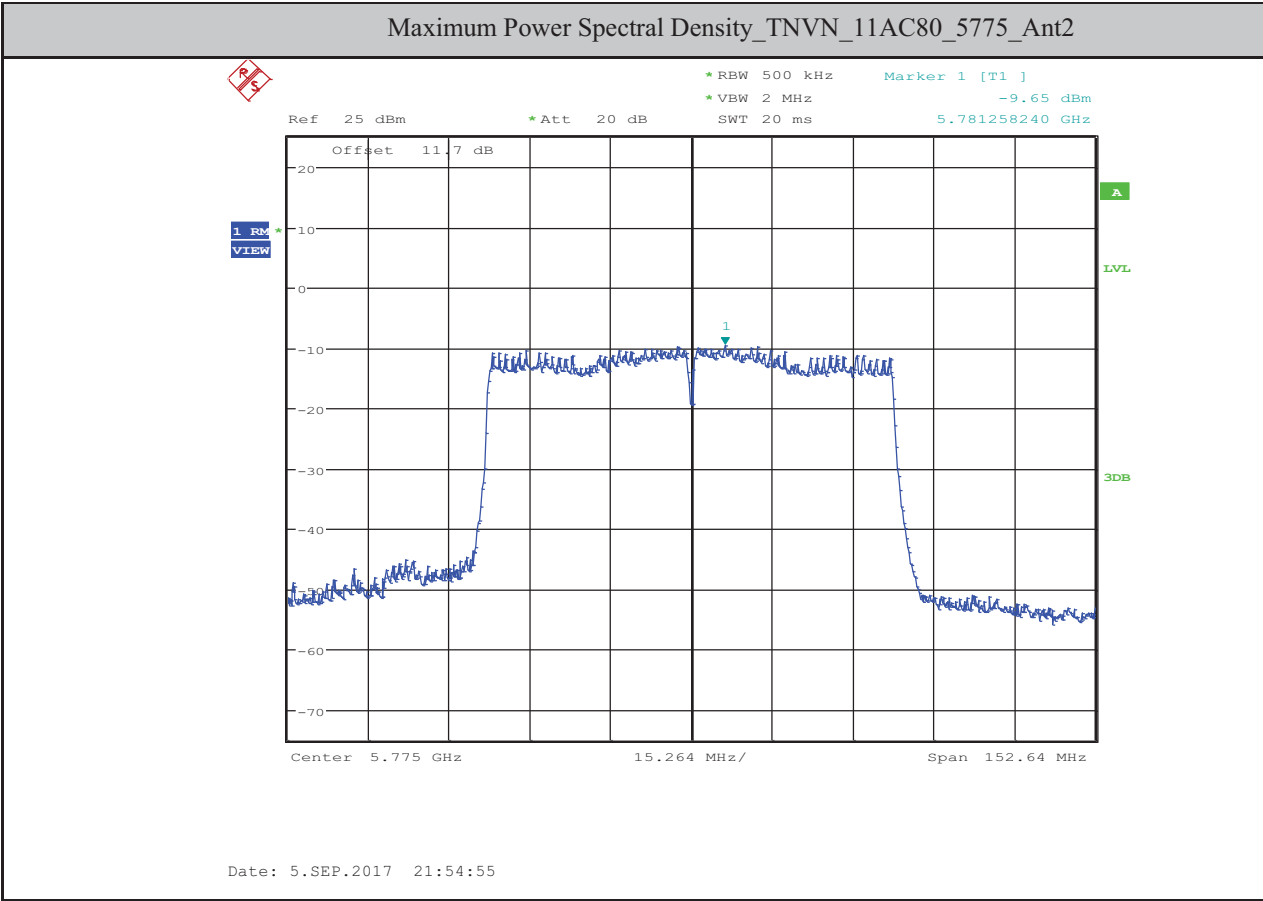


Date: 5.SEP.2017 21:50:26

## Maximum Power Spectral Density\_TNVN\_11AC80\_5775\_Ant1



Date: 5.SEP.2017 11:16:41



## 8. Frequency Stability Measurement

### 8.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

### 8.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

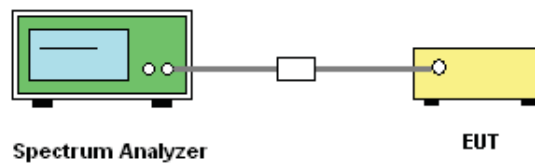
### 8.3. Test Procedures

(1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.

(2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.

(3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

### 8.4. Test Setup



### 8.5. Test Result

| Temperature vs. Frequency Stability |              |      |       |       |                 |                 |             |         |
|-------------------------------------|--------------|------|-------|-------|-----------------|-----------------|-------------|---------|
| Test Mode                           | Test Channel | Ant  | Volt. | Temp. | Deviation [MHz] | Deviation [ppm] | Limit [ppm] | Verdict |
| 11A                                 | 5180         | Ant1 | VN    | 50    | 5179.94         | -11.58301       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | -30   | 5179.93         | -14.47876       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | 40    | 5179.96         | -8.68726        | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | 30    | 5179.94         | -11.58301       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | 20    | 5179.93         | -14.47876       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | 10    | 5179.94         | -11.58301       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | 0     | 5179.93         | -14.47876       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | -10   | 5179.94         | -11.58301       | 20          | PASS    |
| 11A                                 | 5180         | Ant1 | VN    | -20   | 5179.91         | -17.37452       | 20          | PASS    |
| 11A                                 | 5180         | Ant2 | VN    | 50    | 5179.94         | -11.58301       | 20          | PASS    |
| 11A                                 | 5180         | Ant2 | VN    | -30   | 5179.94         | -11.58301       | 20          | PASS    |
| 11A                                 | 5180         | Ant2 | VN    | -10   | 5179.94         | -11.58301       | 20          | PASS    |

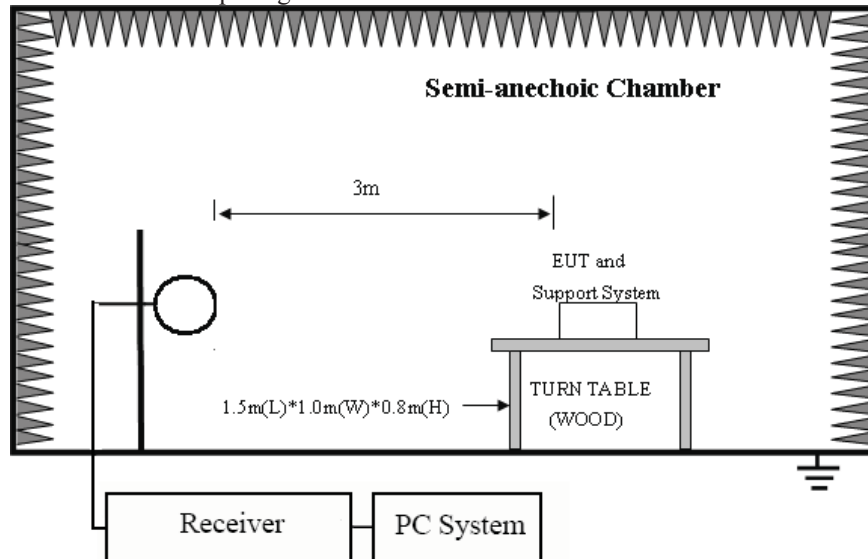
|     |      |      |    |     |         |           |    |      |
|-----|------|------|----|-----|---------|-----------|----|------|
| 11A | 5180 | Ant2 | VN | 0   | 5179.94 | -11.58301 | 20 | PASS |
| 11A | 5180 | Ant2 | VN | 10  | 5179.94 | -11.58301 | 20 | PASS |
| 11A | 5180 | Ant2 | VN | 20  | 5179.93 | -14.47876 | 20 | PASS |
| 11A | 5180 | Ant2 | VN | 30  | 5179.94 | -11.58301 | 20 | PASS |
| 11A | 5180 | Ant2 | VN | 40  | 5179.93 | -14.47876 | 20 | PASS |
| 11A | 5180 | Ant2 | VN | -20 | 5179.94 | -11.58301 | 20 | PASS |

Note: All the modes had been tested, but only the worst data were recorded in the report.

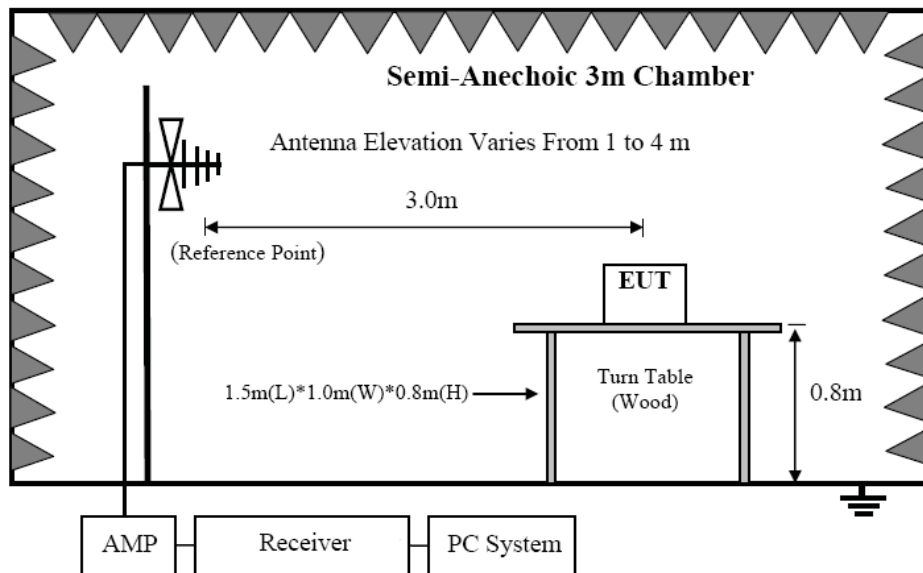
## 9. Emissions in restricted frequency bands

### 9.1. Block diagram of test setup

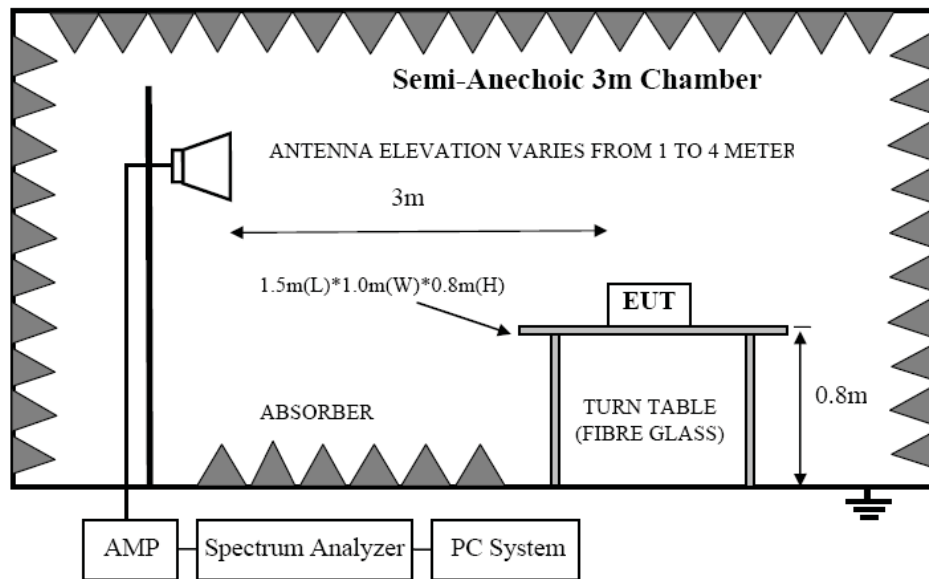
In 3m Anechoic Chamber Test Setup Diagram for 9KHz-30MHz



In 3m Anechoic Chamber Test Setup Diagram for 30MHz-1GHz



In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz



Note: For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP.

## 9.2. Limit

### 8.3.1 FCC 15.205 Restricted frequency band

| MHz                        | MHz                   | MHz             | GHz              |
|----------------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110              | 16.42 - 16.423        | 399.9 - 410     | 4.5 - 5.15       |
| <sup>1</sup> 0.495 - 0.505 | 16.69475 - 16.69525   | 608 - 614       | 5.35 - 5.46      |
| 2.1735 - 2.1905            | 16.80425 - 16.80475   | 960 - 1240      | 7.25 - 7.75      |
| 4.125 - 4.128              | 25.5 - 25.67          | 1300 - 1427     | 8.025 - 8.5      |
| 4.17725 - 4.17775          | 37.5 - 38.25          | 1435 - 1626.5   | 9.0 - 9.2        |
| 4.20725 - 4.20775          | 73 - 74.6             | 1645.5 - 1646.5 | 9.3 - 9.5        |
| 6.215 - 6.218              | 74.8 - 75.2           | 1660 - 1710     | 10.6 - 12.7      |
| 6.26775 - 6.26825          | 108 - 121.94          | 1718.8 - 1722.2 | 13.25 - 13.4     |
| 6.31175 - 6.31225          | 123 - 138             | 2200 - 2300     | 14.47 - 14.5     |
| 8.291 - 8.294              | 149.9 - 150.05        | 2310 - 2390     | 15.35 - 16.2     |
| 8.362 - 8.366              | 156.52475 - 156.52525 | 2483.5 - 2500   | 17.7 - 21.4      |
| 8.37625 - 8.38675          | 156.7 - 156.9         | 2690 - 2900     | 22.01 - 23.12    |
| 8.41425 - 8.41475          | 162.0125 - 167.17     | 3260 - 3267     | 23.6 - 24.0      |
| 12.29 - 12.293             | 167.72 - 173.2        | 3332 - 3339     | 31.2 - 31.8      |
| 12.51975 - 12.52025        | 240 - 285             | 3345.8 - 3358   | 36.43 - 36.5     |
| 12.57675 - 12.57725        | 322 - 335.4           | 3600 - 4400     | ( <sup>2</sup> ) |

### 8.3.2 FCC 15.209 Limit.

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT                           |               |
|------------------|--------------------|-------------------------------------------------|---------------|
|                  |                    | μV/m                                            | dB(μV)/m      |
| 0.009 ~ 0.490    | 300                | 2400/F(KHz)                                     | 67.6-20log(F) |
| 0.490 ~ 1.705    | 30                 | 24000/F(KHz)                                    | 87.6-20log(F) |
| 1.705 ~ 30.0     | 30                 | 30                                              | 29.54         |
| 30 ~ 88          | 3                  | 100                                             | 40.0          |
| 88 ~ 216         | 3                  | 150                                             | 43.5          |
| 216 ~ 960        | 3                  | 200                                             | 46.0          |
| 960 ~ 1000       | 3                  | 500                                             | 54.0          |
| Above 1000       | 3                  | 74.0 dB(μV)/m (Peak)<br>54.0 dB(μV)/m (Average) |               |

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9-90KHz, 110-490KHz and above 1000MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m)$$

### 8.3.3 Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

## 9.3. Test Procedure

(1) EUT height should be 0.8m for below 1GHz at a semi-anechoic chamber while EUT height should be 1.5m for above 1GHz at full chamber or semi-anechoic chamber ground with absorbers

(2) Setup EUT and assistant system according clause 2.3 and 8.2

(3) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

| Test frequency range | Test antenna used                      | Test distance |
|----------------------|----------------------------------------|---------------|
| 9KHz-30MHz           | Active Loop antenna                    | 3m            |
| 30MHz-1GHz           | Trilog Broadband Antenna               | 3m            |
| 1GHz-18GHz           | Double Ridged Horn Antenna(1GHz-18GHz) | 3m            |
| 18GHz-40GHz          | Horn Antenna(18GHz-40GHz)              | 1m            |

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30MHz, the Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of

Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9KHz to 25GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1m to 4m(Except loop antenna, it's fixed 1m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9KHz to 25GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9KHz to 30MHz and 18GHz to 25GHz, so below final test was performed with frequency range from 30MHz to 18GHz.

- (5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 2013 on Radiated Emission test.
- (6) The emissions from 9KHz to 1GHz were measured based on CISPR QP detector except for the frequency bands 9-90KHz, 110-490KHz, for emissions from 9KHz-90KHz, 110KHz-490KHz and above 1GHz were measured based on average detector, for emissions above 1GHz, peak emissions also be measured and need comply with Peak limit.
- (7) The emissions from 9KHz to 1GHz, QP or average values were measured with EMI receiver with below RBW

| Frequency band | RBW    |
|----------------|--------|
| 9KHz-150KHz    | 200Hz  |
| 150KHz-30MHz   | 9KHz   |
| 30MHz-1GHz     | 120KHz |

- (8) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz, Peak detector for Peak measure, RMS detector for AV value

#### 9.4. Test result

##### **PASS. (See below detailed test result)**

All the emissions except fundamental emission from 9KHz to 40GHz were comply with 15.209 limit.

Note1: According exploratory test no any obvious emission were detected from 9KHz to 30MHz and 18GHz to 40GHz, so the final test was performed with frequency range from 30MHz to 18GHz and recorded in below.

Note2: For emissions below 1GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1GHz, the final test was only performed with EUT working in 11a mode.

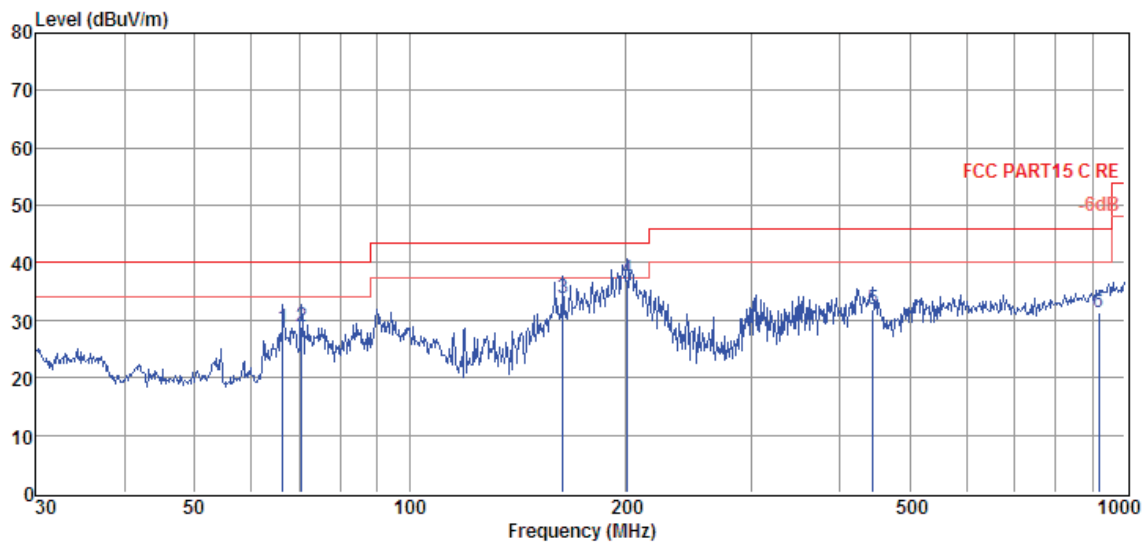
Note3: For below test data, when the limit tabular marked “/” means this frequency point is the fundamental emission and no need comply with this limit.

## Radiated Emission test (below 1GHz)

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# **D:\2017 RE1# Report Data\Q17080805-03E\RE.EM6**  
**Test Date** : 2017-09-06 **Tested By** : Aaron  
**EUT** : Wireless Speaker **Model Number** : ALLURE  
**Power Supply** : AC 120V/60Hz **Test Mode** : TX mode  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa **Antenna/Distance** : 2016 VULB9163 1#/3m/VERTICAL  
**Memo** :

Data: 15



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 66.50          | 15.73                   | 8.88                        | 4.03                | 28.64                       | 40.00                     | -11.36                | QP       | VERTICAL     |
| 2              | 70.58          | 17.33                   | 7.38                        | 4.07                | 28.78                       | 40.00                     | -11.22                | QP       | VERTICAL     |
| 3              | 163.76         | 20.83                   | 8.18                        | 4.68                | 33.69                       | 43.50                     | -9.81                 | QP       | VERTICAL     |
| 4              | 201.39         | 21.91                   | 10.38                       | 4.90                | 37.19                       | 43.50                     | -6.31                 | QP       | VERTICAL     |
| 5              | 444.85         | 9.45                    | 16.40                       | 5.97                | 31.82                       | 46.00                     | -14.18                | QP       | VERTICAL     |
| 6              | 919.29         | 1.16                    | 22.69                       | 7.47                | 31.32                       | 46.00                     | -14.68                | QP       | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

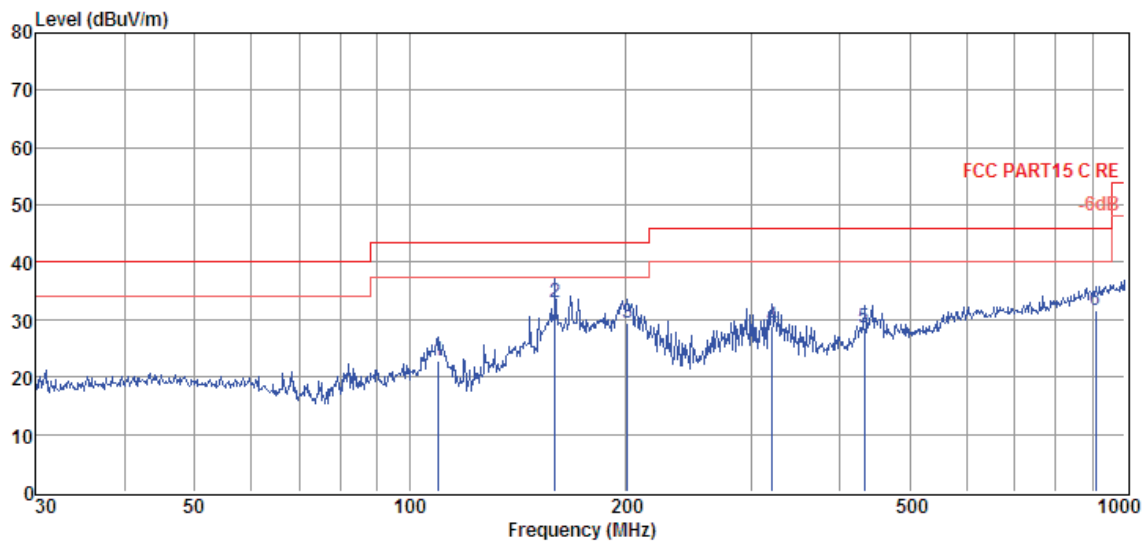
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# **D:\2017 RE1# Report Data\Q17080805-03E\RE.EM6**  
**Test Date** : 2017-09-06 **Tested By** : Aaron  
**EUT** : Wireless Speaker **Model Number** : ALLURE  
**Power Supply** : AC 120V/60Hz **Test Mode** : TX mode  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa **Antenna/Distance** : 2016 VULB9163 1#/3m/HORIZONTAL  
**Memo** :

Data: 16



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 109.80         | 7.45                    | 11.02                       | 4.36                | 22.83                       | 43.50                     | -20.67                | QP       | HORIZONTAL   |
| 2              | 159.78         | 20.28                   | 8.09                        | 4.66                | 33.03                       | 43.50                     | -10.47                | QP       | HORIZONTAL   |
| 3              | 201.39         | 14.15                   | 10.38                       | 4.90                | 29.43                       | 43.50                     | -14.07                | QP       | HORIZONTAL   |
| 4              | 321.06         | 9.61                    | 13.72                       | 5.47                | 28.80                       | 46.00                     | -17.20                | QP       | HORIZONTAL   |
| 5              | 432.55         | 6.36                    | 16.28                       | 5.92                | 28.56                       | 46.00                     | -17.44                | QP       | HORIZONTAL   |
| 6              | 909.67         | 1.79                    | 22.49                       | 7.45                | 31.73                       | 46.00                     | -14.27                | QP       | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

**Radiated Emission test (above 1GHz)**

| Freq<br>(MHz)                                                                                                                                                                                                                                                                                                        | Read<br>level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector<br>type | Polarization |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|-----------------------|-----------------------|-----------------------------|-------------------|----------------|------------------|--------------|
| <b>11a CH36</b>                                                                                                                                                                                                                                                                                                      |                         |                             |                       |                       |                             |                   |                |                  |              |
| 6916.00                                                                                                                                                                                                                                                                                                              | 34.58                   | 36.13                       | 30.33                 | 10.37                 | 50.75                       | 74.00             | -23.25         | Peak             | VERTICAL     |
| 7834.00                                                                                                                                                                                                                                                                                                              | 34.62                   | 36.67                       | 31.07                 | 11.05                 | 51.27                       | 74.00             | -22.73         | Peak             | VERTICAL     |
| 9211.00                                                                                                                                                                                                                                                                                                              | 34.36                   | 37.03                       | 32.42                 | 12.05                 | 51.02                       | 74.00             | -22.98         | Peak             | VERTICAL     |
| 10350.00                                                                                                                                                                                                                                                                                                             | 33.58                   | 36.55                       | 33.15                 | 12.62                 | 49.60                       | 74.00             | -24.40         | Peak             | VERTICAL     |
| 12067.00                                                                                                                                                                                                                                                                                                             | 33.03                   | 37.70                       | 34.85                 | 14.29                 | 50.17                       | 74.00             | -23.83         | Peak             | VERTICAL     |
| 13495.00                                                                                                                                                                                                                                                                                                             | 35.10                   | 39.30                       | 35.22                 | 14.80                 | <b>53.98</b>                | 74.00             | -20.02         | Peak             | VERTICAL     |
| 6950.00                                                                                                                                                                                                                                                                                                              | 34.70                   | 36.16                       | 30.34                 | 10.39                 | 50.91                       | 74.00             | -23.09         | Peak             | HORIZONTAL   |
| 8055.00                                                                                                                                                                                                                                                                                                              | 34.42                   | 36.54                       | 31.18                 | 11.18                 | 50.96                       | 74.00             | -23.04         | Peak             | HORIZONTAL   |
| 9024.00                                                                                                                                                                                                                                                                                                              | 33.73                   | 37.45                       | 32.33                 | 11.83                 | 50.68                       | 74.00             | -23.32         | Peak             | HORIZONTAL   |
| 11234.00                                                                                                                                                                                                                                                                                                             | 33.84                   | 37.28                       | 34.25                 | 13.53                 | 50.40                       | 74.00             | -23.60         | Peak             | HORIZONTAL   |
| 12050.00                                                                                                                                                                                                                                                                                                             | 34.18                   | 37.67                       | 34.82                 | 14.26                 | 51.29                       | 74.00             | -22.71         | Peak             | HORIZONTAL   |
| 13444.00                                                                                                                                                                                                                                                                                                             | 34.69                   | 39.24                       | 35.28                 | 14.78                 | 53.43                       | 74.00             | -20.57         | Peak             | HORIZONTAL   |
| <b>11a CH40</b>                                                                                                                                                                                                                                                                                                      |                         |                             |                       |                       |                             |                   |                |                  |              |
| 6984.00                                                                                                                                                                                                                                                                                                              | 34.70                   | 36.19                       | 30.38                 | 10.40                 | 50.91                       | 74.00             | -23.09         | Peak             | VERTICAL     |
| 8956.00                                                                                                                                                                                                                                                                                                              | 34.59                   | 37.31                       | 32.28                 | 11.79                 | 51.41                       | 74.00             | -22.59         | Peak             | VERTICAL     |
| 10146.00                                                                                                                                                                                                                                                                                                             | 32.99                   | 36.75                       | 33.01                 | 12.52                 | 49.25                       | 74.00             | -24.75         | Peak             | VERTICAL     |
| 11115.00                                                                                                                                                                                                                                                                                                             | 32.97                   | 37.54                       | 34.13                 | 13.50                 | 49.88                       | 74.00             | -24.12         | Peak             | VERTICAL     |
| 12050.00                                                                                                                                                                                                                                                                                                             | 34.49                   | 37.67                       | 34.82                 | 14.26                 | 51.60                       | 74.00             | -22.40         | Peak             | VERTICAL     |
| 13410.00                                                                                                                                                                                                                                                                                                             | 34.30                   | 39.21                       | 35.38                 | 14.78                 | 52.91                       | 74.00             | -21.09         | Peak             | VERTICAL     |
| 7205.00                                                                                                                                                                                                                                                                                                              | 35.59                   | 36.37                       | 30.49                 | 10.60                 | 52.07                       | 74.00             | -21.93         | Peak             | HORIZONTAL   |
| 7970.00                                                                                                                                                                                                                                                                                                              | 34.79                   | 36.69                       | 31.12                 | 11.12                 | 51.48                       | 74.00             | -22.52         | Peak             | HORIZONTAL   |
| 9449.00                                                                                                                                                                                                                                                                                                              | 33.98                   | 36.51                       | 32.59                 | 12.30                 | 50.20                       | 74.00             | -23.80         | Peak             | HORIZONTAL   |
| 11251.00                                                                                                                                                                                                                                                                                                             | 32.94                   | 37.24                       | 34.28                 | 13.53                 | 49.43                       | 74.00             | -24.57         | Peak             | HORIZONTAL   |
| 12815.00                                                                                                                                                                                                                                                                                                             | 33.29                   | 38.62                       | 35.58                 | 14.66                 | 50.99                       | 74.00             | -23.01         | Peak             | HORIZONTAL   |
| 13461.00                                                                                                                                                                                                                                                                                                             | 34.87                   | 39.26                       | 35.22                 | 14.79                 | 53.70                       | 74.00             | -20.30         | Peak             | HORIZONTAL   |
| <b>11a CH48</b>                                                                                                                                                                                                                                                                                                      |                         |                             |                       |                       |                             |                   |                |                  |              |
| 6576.00                                                                                                                                                                                                                                                                                                              | 35.30                   | 35.86                       | 29.97                 | 10.01                 | 51.20                       | 74.00             | -22.80         | Peak             | VERTICAL     |
| 7970.00                                                                                                                                                                                                                                                                                                              | 34.36                   | 36.69                       | 31.12                 | 11.12                 | 51.05                       | 74.00             | -22.95         | Peak             | VERTICAL     |
| 8905.00                                                                                                                                                                                                                                                                                                              | 34.38                   | 37.09                       | 32.24                 | 11.77                 | 51.00                       | 74.00             | -23.00         | Peak             | VERTICAL     |
| 10146.00                                                                                                                                                                                                                                                                                                             | 33.99                   | 36.75                       | 33.01                 | 12.52                 | 50.25                       | 74.00             | -23.75         | Peak             | VERTICAL     |
| 11251.00                                                                                                                                                                                                                                                                                                             | 33.83                   | 37.24                       | 34.28                 | 13.53                 | 50.32                       | 74.00             | -23.68         | Peak             | VERTICAL     |
| 12815.00                                                                                                                                                                                                                                                                                                             | 34.47                   | 38.62                       | 35.58                 | 14.66                 | 52.17                       | 74.00             | -21.83         | Peak             | VERTICAL     |
| 6865.00                                                                                                                                                                                                                                                                                                              | 33.96                   | 36.09                       | 30.28                 | 10.31                 | 50.08                       | 74.00             | -23.92         | Peak             | HORIZONTAL   |
| 8004.00                                                                                                                                                                                                                                                                                                              | 35.29                   | 36.69                       | 31.13                 | 11.13                 | 51.98                       | 74.00             | -22.02         | Peak             | HORIZONTAL   |
| 9636.00                                                                                                                                                                                                                                                                                                              | 34.31                   | 36.54                       | 32.75                 | 12.38                 | 50.48                       | 74.00             | -23.52         | Peak             | HORIZONTAL   |
| 11234.00                                                                                                                                                                                                                                                                                                             | 32.76                   | 37.28                       | 34.25                 | 13.53                 | 49.32                       | 74.00             | -24.68         | Peak             | HORIZONTAL   |
| 12101.00                                                                                                                                                                                                                                                                                                             | 33.54                   | 37.74                       | 34.87                 | 14.30                 | 50.71                       | 74.00             | -23.29         | Peak             | HORIZONTAL   |
| 13172.00                                                                                                                                                                                                                                                                                                             | 33.74                   | 38.97                       | 35.57                 | 14.71                 | 51.85                       | 74.00             | -22.15         | Peak             | HORIZONTAL   |
| <b>Conclusion: Pass</b>                                                                                                                                                                                                                                                                                              |                         |                             |                       |                       |                             |                   |                |                  |              |
| Note: $-27 \text{ dBm/MHz Limit} = 95.2 + \text{EIRP}[\text{dBm}] = 95.2 - 27 = 68.2 \text{ dB}\mu\text{V/m}$<br>For transmitters operating in the 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz-5850MHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. |                         |                             |                       |                       |                             |                   |                |                  |              |

Note: 1.30MHz~40GHz: (11a, 11n20, n40, 11ac20, 11ac40, 11ac80 mode ANT 1 ANT 2 mode all have been tested, only ANT 2 mode is worse case and reported, the worst case is 11a Mode.)

2. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

| Freq<br>(MHz)                                                                                                                                                                                                                                                        | Read<br>level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>(dBμ<br>V/m) | Margin<br>(dB) | Detector<br>type | Polarization |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|-----------------------|-----------------------|-----------------------------|-----------------------|----------------|------------------|--------------|
| <b>11a CH52</b>                                                                                                                                                                                                                                                      |                         |                             |                       |                       |                             |                       |                |                  |              |
| 7154.00                                                                                                                                                                                                                                                              | 34.31                   | 36.33                       | 30.45                 | 10.56                 | 50.75                       | 74.00                 | -23.25         | Peak             | VERTICAL     |
| 7936.00                                                                                                                                                                                                                                                              | 34.50                   | 36.69                       | 31.11                 | 11.10                 | 51.18                       | 74.00                 | -22.82         | Peak             | VERTICAL     |
| 9364.00                                                                                                                                                                                                                                                              | 34.83                   | 36.69                       | 32.52                 | 12.22                 | 51.22                       | 74.00                 | -22.78         | Peak             | VERTICAL     |
| 11030.00                                                                                                                                                                                                                                                             | 32.86                   | 37.73                       | 34.03                 | 13.49                 | 50.05                       | 74.00                 | -23.95         | Peak             | VERTICAL     |
| 12815.00                                                                                                                                                                                                                                                             | 34.01                   | 38.62                       | 35.58                 | 14.66                 | 51.71                       | 74.00                 | -22.29         | Peak             | VERTICAL     |
| 13291.00                                                                                                                                                                                                                                                             | 35.36                   | 39.09                       | 35.47                 | 14.74                 | 53.72                       | 74.00                 | -20.28         | Peak             | VERTICAL     |
| 6440.00                                                                                                                                                                                                                                                              | 34.73                   | 35.71                       | 29.74                 | 9.91                  | 50.61                       | 74.00                 | -23.39         | Peak             | HORIZONTAL   |
| 7834.00                                                                                                                                                                                                                                                              | 34.85                   | 36.67                       | 31.07                 | 11.05                 | 51.50                       | 74.00                 | -22.50         | Peak             | HORIZONTAL   |
| 8990.00                                                                                                                                                                                                                                                              | 33.57                   | 37.46                       | 32.32                 | 11.81                 | 50.52                       | 74.00                 | -23.48         | Peak             | HORIZONTAL   |
| 10214.00                                                                                                                                                                                                                                                             | 33.35                   | 36.68                       | 33.04                 | 12.56                 | 49.55                       | 74.00                 | -24.45         | Peak             | HORIZONTAL   |
| 11285.00                                                                                                                                                                                                                                                             | 33.23                   | 37.17                       | 34.35                 | 13.54                 | 49.59                       | 74.00                 | -24.41         | Peak             | HORIZONTAL   |
| 12815.00                                                                                                                                                                                                                                                             | 35.16                   | 38.62                       | 35.58                 | 14.66                 | 52.86                       | 74.00                 | -21.14         | Peak             | HORIZONTAL   |
| <b>11a CH56</b>                                                                                                                                                                                                                                                      |                         |                             |                       |                       |                             |                       |                |                  |              |
| 6899.00                                                                                                                                                                                                                                                              | 34.34                   | 36.12                       | 30.31                 | 10.33                 | 50.48                       | 74.00                 | -23.52         | Peak             | VERTICAL     |
| 7970.00                                                                                                                                                                                                                                                              | 34.63                   | 36.69                       | 31.12                 | 11.12                 | 51.32                       | 74.00                 | -22.68         | Peak             | VERTICAL     |
| 9160.00                                                                                                                                                                                                                                                              | 33.53                   | 37.14                       | 32.39                 | 12.01                 | 50.29                       | 74.00                 | -23.71         | Peak             | VERTICAL     |
| 10775.00                                                                                                                                                                                                                                                             | 33.19                   | 37.18                       | 33.59                 | 13.14                 | 49.92                       | 74.00                 | -24.08         | Peak             | VERTICAL     |
| 12050.00                                                                                                                                                                                                                                                             | 33.38                   | 37.67                       | 34.82                 | 14.26                 | 50.49                       | 74.00                 | -23.51         | Peak             | VERTICAL     |
| 13325.00                                                                                                                                                                                                                                                             | 34.28                   | 39.13                       | 35.42                 | 14.75                 | 52.74                       | 74.00                 | -21.26         | Peak             | VERTICAL     |
| 6984.00                                                                                                                                                                                                                                                              | 34.99                   | 36.19                       | 30.38                 | 10.40                 | 51.20                       | 74.00                 | -22.80         | Peak             | HORIZONTAL   |
| 7409.00                                                                                                                                                                                                                                                              | 35.51                   | 36.53                       | 30.67                 | 10.78                 | 52.15                       | 74.00                 | -21.85         | Peak             | HORIZONTAL   |
| 9024.00                                                                                                                                                                                                                                                              | 34.39                   | 37.45                       | 32.33                 | 11.83                 | 51.34                       | 74.00                 | -22.66         | Peak             | HORIZONTAL   |
| 10214.00                                                                                                                                                                                                                                                             | 33.65                   | 36.68                       | 33.04                 | 12.56                 | 49.85                       | 74.00                 | -24.15         | Peak             | HORIZONTAL   |
| 11965.00                                                                                                                                                                                                                                                             | 33.52                   | 37.54                       | 34.78                 | 14.18                 | 50.46                       | 74.00                 | -23.54         | Peak             | HORIZONTAL   |
| 13070.00                                                                                                                                                                                                                                                             | 34.09                   | 38.87                       | 35.64                 | 14.68                 | 52.00                       | 74.00                 | -22.00         | Peak             | HORIZONTAL   |
| <b>11a CH64</b>                                                                                                                                                                                                                                                      |                         |                             |                       |                       |                             |                       |                |                  |              |
| 6831.00                                                                                                                                                                                                                                                              | 35.00                   | 36.07                       | 30.27                 | 10.26                 | 51.06                       | 74.00                 | -22.94         | Peak             | VERTICAL     |
| 7936.00                                                                                                                                                                                                                                                              | 34.29                   | 36.69                       | 31.11                 | 11.10                 | 50.97                       | 74.00                 | -23.03         | Peak             | VERTICAL     |
| 9041.00                                                                                                                                                                                                                                                              | 34.27                   | 37.41                       | 32.34                 | 11.87                 | 51.21                       | 74.00                 | -22.79         | Peak             | VERTICAL     |
| 10299.00                                                                                                                                                                                                                                                             | 33.57                   | 36.60                       | 33.09                 | 12.59                 | 49.67                       | 74.00                 | -24.33         | Peak             | VERTICAL     |
| 12016.00                                                                                                                                                                                                                                                             | 33.33                   | 37.62                       | 34.80                 | 14.24                 | 50.39                       | 74.00                 | -23.61         | Peak             | VERTICAL     |
| 12866.00                                                                                                                                                                                                                                                             | 34.69                   | 38.67                       | 35.64                 | 14.66                 | 52.38                       | 74.00                 | -21.62         | Peak             | VERTICAL     |
| 6474.00                                                                                                                                                                                                                                                              | 33.63                   | 35.76                       | 29.78                 | 9.93                  | 49.54                       | 74.00                 | -24.46         | Peak             | HORIZONTAL   |
| 7749.00                                                                                                                                                                                                                                                              | 34.36                   | 36.65                       | 31.00                 | 10.99                 | 51.00                       | 74.00                 | -23.00         | Peak             | HORIZONTAL   |
| 9160.00                                                                                                                                                                                                                                                              | 34.05                   | 37.14                       | 32.39                 | 12.01                 | 50.81                       | 74.00                 | -23.19         | Peak             | HORIZONTAL   |
| 10180.00                                                                                                                                                                                                                                                             | 34.63                   | 36.72                       | 33.03                 | 12.53                 | 50.85                       | 74.00                 | -23.15         | Peak             | HORIZONTAL   |
| 12050.00                                                                                                                                                                                                                                                             | 33.39                   | 37.67                       | 34.82                 | 14.26                 | 50.50                       | 74.00                 | -23.50         | Peak             | HORIZONTAL   |
| 13070.00                                                                                                                                                                                                                                                             | 35.01                   | 38.87                       | 35.64                 | 14.68                 | 52.92                       | 74.00                 | -21.08         | Peak             | HORIZONTAL   |
| Conclusion: Pass                                                                                                                                                                                                                                                     |                         |                             |                       |                       |                             |                       |                |                  |              |
| Note: -27 dBm/MHz Limit=95.2+EIRP[dBm]=95.2-27=68.2 dBμV/m<br>For transmitters operating in the 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz-5850MHz<br>band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. |                         |                             |                       |                       |                             |                       |                |                  |              |

Note: 1.30MHz~40GHz: (11a, 11n20, n40, 11ac20, 11ac40, 11ac80 mode ANT 1 ANT 2 mode all have been tested, only ANT 2 mode is worse case and reported, the worst case is 11a Mode.)

2. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

| Freq (MHz)                                                                                                                                                                                                                                                        | Read level (dBμV) | Antenna Factor (dB/m) | PRM Factor (dB) | Cable Loss (dB) | Result Level (dBμV/m) | Limit (dBμ V/m) | Margin (dB) | Detector type | Polarization |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-------------|---------------|--------------|
| <b>11a CH100</b>                                                                                                                                                                                                                                                  |                   |                       |                 |                 |                       |                 |             |               |              |
| 7341.00                                                                                                                                                                                                                                                           | 35.10             | 36.48                 | 30.59           | 10.72           | 51.71                 | 74.00           | -22.29      | Peak          | VERTICAL     |
| 8259.00                                                                                                                                                                                                                                                           | 35.15             | 35.96                 | 31.39           | 11.42           | 51.14                 | 74.00           | -22.86      | Peak          | VERTICAL     |
| 9160.00                                                                                                                                                                                                                                                           | 35.19             | 37.14                 | 32.39           | 12.01           | 51.95                 | 74.00           | -22.05      | Peak          | VERTICAL     |
| 10384.00                                                                                                                                                                                                                                                          | 34.22             | 36.51                 | 33.17           | 12.65           | 50.21                 | 74.00           | -23.79      | Peak          | VERTICAL     |
| 12050.00                                                                                                                                                                                                                                                          | 34.80             | 37.67                 | 34.82           | 14.26           | 51.91                 | 74.00           | -22.09      | Peak          | VERTICAL     |
| 13240.00                                                                                                                                                                                                                                                          | 34.78             | 39.04                 | 35.50           | 14.73           | <b>53.05</b>          | 74.00           | -20.95      | Peak          | VERTICAL     |
| 7239.00                                                                                                                                                                                                                                                           | 34.56             | 36.39                 | 30.52           | 10.65           | 51.08                 | 74.00           | -22.92      | Peak          | HORIZONTAL   |
| 7681.00                                                                                                                                                                                                                                                           | 34.55             | 36.64                 | 30.96           | 10.95           | 51.18                 | 74.00           | -22.82      | Peak          | HORIZONTAL   |
| 8956.00                                                                                                                                                                                                                                                           | 33.79             | 37.31                 | 32.28           | 11.79           | 50.61                 | 74.00           | -23.39      | Peak          | HORIZONTAL   |
| 11030.00                                                                                                                                                                                                                                                          | 33.33             | 37.73                 | 34.03           | 13.49           | 50.52                 | 74.00           | -23.48      | Peak          | HORIZONTAL   |
| 12220.00                                                                                                                                                                                                                                                          | 33.29             | 37.91                 | 34.95           | 14.41           | 50.66                 | 74.00           | -23.34      | Peak          | HORIZONTAL   |
| 13206.00                                                                                                                                                                                                                                                          | 34.01             | 39.01                 | 35.54           | 14.73           | 52.21                 | 74.00           | -21.79      | Peak          | HORIZONTAL   |
| <b>11a CH116</b>                                                                                                                                                                                                                                                  |                   |                       |                 |                 |                       |                 |             |               |              |
| 6865.00                                                                                                                                                                                                                                                           | 34.15             | 36.09                 | 30.28           | 10.31           | 50.27                 | 74.00           | -23.73      | Peak          | VERTICAL     |
| 8004.00                                                                                                                                                                                                                                                           | 34.99             | 36.69                 | 31.13           | 11.13           | 51.68                 | 74.00           | -22.32      | Peak          | VERTICAL     |
| 8990.00                                                                                                                                                                                                                                                           | 34.14             | 37.46                 | 32.32           | 11.81           | 51.09                 | 74.00           | -22.91      | Peak          | VERTICAL     |
| 10316.00                                                                                                                                                                                                                                                          | 34.15             | 36.58                 | 33.11           | 12.60           | 50.22                 | 74.00           | -23.78      | Peak          | VERTICAL     |
| 12084.00                                                                                                                                                                                                                                                          | 34.16             | 37.72                 | 34.85           | 14.30           | 51.33                 | 74.00           | -22.67      | Peak          | VERTICAL     |
| 13036.00                                                                                                                                                                                                                                                          | 33.84             | 38.84                 | 35.67           | 14.68           | 51.69                 | 74.00           | -22.31      | Peak          | VERTICAL     |
| 6916.00                                                                                                                                                                                                                                                           | 35.00             | 36.13                 | 30.33           | 10.37           | 51.17                 | 74.00           | -22.83      | Peak          | HORIZONTAL   |
| 8939.00                                                                                                                                                                                                                                                           | 34.05             | 37.24                 | 32.26           | 11.79           | 50.82                 | 74.00           | -23.18      | Peak          | HORIZONTAL   |
| 9925.00                                                                                                                                                                                                                                                           | 34.54             | 36.83                 | 32.89           | 12.43           | 50.91                 | 74.00           | -23.09      | Peak          | HORIZONTAL   |
| 11319.00                                                                                                                                                                                                                                                          | 33.65             | 37.09                 | 34.38           | 13.54           | 49.90                 | 74.00           | -24.10      | Peak          | HORIZONTAL   |
| 12084.00                                                                                                                                                                                                                                                          | 33.69             | 37.72                 | 34.85           | 14.30           | 50.86                 | 74.00           | -23.14      | Peak          | HORIZONTAL   |
| 12866.00                                                                                                                                                                                                                                                          | 34.53             | 38.67                 | 35.64           | 14.66           | 52.22                 | 74.00           | -21.78      | Peak          | HORIZONTAL   |
| <b>11a CH140</b>                                                                                                                                                                                                                                                  |                   |                       |                 |                 |                       |                 |             |               |              |
| 7086.00                                                                                                                                                                                                                                                           | 34.14             | 36.27                 | 30.42           | 10.51           | 50.50                 | 74.00           | -23.50      | Peak          | VERTICAL     |
| 8106.00                                                                                                                                                                                                                                                           | 34.34             | 36.40                 | 31.22           | 11.23           | 50.75                 | 74.00           | -23.25      | Peak          | VERTICAL     |
| 8905.00                                                                                                                                                                                                                                                           | 34.54             | 37.09                 | 32.24           | 11.77           | 51.16                 | 74.00           | -22.84      | Peak          | VERTICAL     |
| 10146.00                                                                                                                                                                                                                                                          | 34.28             | 36.75                 | 33.01           | 12.52           | 50.54                 | 74.00           | -23.46      | Peak          | VERTICAL     |
| 12135.00                                                                                                                                                                                                                                                          | 33.23             | 37.79                 | 34.87           | 14.35           | 50.50                 | 74.00           | -23.50      | Peak          | VERTICAL     |
| 13104.00                                                                                                                                                                                                                                                          | 34.87             | 38.91                 | 35.64           | 14.70           | 52.84                 | 74.00           | -21.16      | Peak          | VERTICAL     |
| 6916.00                                                                                                                                                                                                                                                           | 36.46             | 36.13                 | 30.33           | 10.37           | 52.63                 | 74.00           | -21.37      | Peak          | HORIZONTAL   |
| 8769.00                                                                                                                                                                                                                                                           | 34.24             | 36.50                 | 32.15           | 11.73           | 50.32                 | 74.00           | -23.68      | Peak          | HORIZONTAL   |
| 9874.00                                                                                                                                                                                                                                                           | 33.25             | 36.78                 | 32.87           | 12.42           | 49.58                 | 74.00           | -24.42      | Peak          | HORIZONTAL   |
| 11166.00                                                                                                                                                                                                                                                          | 33.21             | 37.43                 | 34.21           | 13.52           | 49.95                 | 74.00           | -24.05      | Peak          | HORIZONTAL   |
| 12220.00                                                                                                                                                                                                                                                          | 33.72             | 37.91                 | 34.95           | 14.41           | 51.09                 | 74.00           | -22.91      | Peak          | HORIZONTAL   |
| 13359.00                                                                                                                                                                                                                                                          | 34.76             | 39.16                 | 35.42           | 14.76           | <b>53.26</b>          | 74.00           | -20.74      | Peak          | HORIZONTAL   |
| Conclusion: Pass                                                                                                                                                                                                                                                  |                   |                       |                 |                 |                       |                 |             |               |              |
| Note: -27 dBm/MHz Limit=95.2+EIRP[dBm]=95.2-27=68.2 dBμV/m<br>For transmitters operating in the 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz-5850MHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. |                   |                       |                 |                 |                       |                 |             |               |              |

Note: 1.30MHz~40GHz:(11a, 11n20, n40, 11ac20, 11ac40, 11ac80 mode ANT 1 ANT 2 mode all have been tested, only ANT 2 mode is worse case and reported, the worst case is 11a Mode.)

2. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

| Freq<br>(MHz)                                                                                                                                                                                                                                                                                                                   | Read<br>level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Result<br>Level<br>(dBμV/m) | Limit<br>(dBμ<br>V/m) | Margin<br>(dB) | Detector<br>type | Polarization |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|-----------------------|-----------------------|-----------------------------|-----------------------|----------------|------------------|--------------|
| <b>11a CH149</b>                                                                                                                                                                                                                                                                                                                |                         |                             |                       |                       |                             |                       |                |                  |              |
| 6916.00                                                                                                                                                                                                                                                                                                                         | 35.36                   | 36.13                       | 30.33                 | 10.37                 | 51.53                       | 74.00                 | -22.47         | Peak             | VERTICAL     |
| 8004.00                                                                                                                                                                                                                                                                                                                         | 34.58                   | 36.69                       | 31.13                 | 11.13                 | 51.27                       | 74.00                 | -22.73         | Peak             | VERTICAL     |
| 9075.00                                                                                                                                                                                                                                                                                                                         | 34.89                   | 37.33                       | 32.35                 | 11.89                 | 51.76                       | 74.00                 | -22.24         | Peak             | VERTICAL     |
| 11030.00                                                                                                                                                                                                                                                                                                                        | 32.66                   | 37.73                       | 34.03                 | 13.49                 | 49.85                       | 74.00                 | -24.15         | Peak             | VERTICAL     |
| 12934.00                                                                                                                                                                                                                                                                                                                        | 34.01                   | 38.74                       | 35.67                 | 14.67                 | 51.75                       | 74.00                 | -22.25         | Peak             | VERTICAL     |
| 13580.00                                                                                                                                                                                                                                                                                                                        | 34.61                   | 39.38                       | 35.12                 | 14.83                 | <b>53.70</b>                | 74.00                 | -20.30         | Peak             | VERTICAL     |
| 6865.00                                                                                                                                                                                                                                                                                                                         | 34.24                   | 36.09                       | 30.28                 | 10.31                 | 50.36                       | 74.00                 | -23.64         | Peak             | HORIZONTAL   |
| 8276.00                                                                                                                                                                                                                                                                                                                         | 34.00                   | 35.92                       | 31.42                 | 11.42                 | 49.92                       | 74.00                 | -24.08         | Peak             | HORIZONTAL   |
| 9534.00                                                                                                                                                                                                                                                                                                                         | 34.39                   | 36.43                       | 32.69                 | 12.37                 | 50.50                       | 74.00                 | -23.50         | Peak             | HORIZONTAL   |
| 10979.00                                                                                                                                                                                                                                                                                                                        | 32.97                   | 37.74                       | 33.92                 | 13.45                 | 50.24                       | 74.00                 | -23.76         | Peak             | HORIZONTAL   |
| 12339.00                                                                                                                                                                                                                                                                                                                        | 33.84                   | 38.08                       | 35.08                 | 14.51                 | 51.35                       | 74.00                 | -22.65         | Peak             | HORIZONTAL   |
| 12866.00                                                                                                                                                                                                                                                                                                                        | 34.55                   | 38.67                       | 35.64                 | 14.66                 | 52.24                       | 74.00                 | -21.76         | Peak             | HORIZONTAL   |
| <b>11a CH157</b>                                                                                                                                                                                                                                                                                                                |                         |                             |                       |                       |                             |                       |                |                  |              |
| 6950.00                                                                                                                                                                                                                                                                                                                         | 34.22                   | 36.16                       | 30.34                 | 10.39                 | 50.43                       | 74.00                 | -23.57         | Peak             | VERTICAL     |
| 7766.00                                                                                                                                                                                                                                                                                                                         | 34.33                   | 36.65                       | 31.02                 | 11.01                 | 50.97                       | 74.00                 | -23.03         | Peak             | VERTICAL     |
| 8956.00                                                                                                                                                                                                                                                                                                                         | 34.89                   | 37.31                       | 32.28                 | 11.79                 | 51.71                       | 74.00                 | -22.29         | Peak             | VERTICAL     |
| 9891.00                                                                                                                                                                                                                                                                                                                         | 33.52                   | 36.79                       | 32.88                 | 12.42                 | 49.85                       | 74.00                 | -24.15         | Peak             | VERTICAL     |
| 11115.00                                                                                                                                                                                                                                                                                                                        | 33.51                   | 37.54                       | 34.13                 | 13.50                 | 50.42                       | 74.00                 | -23.58         | Peak             | VERTICAL     |
| 12441.00                                                                                                                                                                                                                                                                                                                        | 33.25                   | 38.22                       | 35.16                 | 14.60                 | 50.91                       | 74.00                 | -23.09         | Peak             | VERTICAL     |
| 7239.00                                                                                                                                                                                                                                                                                                                         | 35.31                   | 36.39                       | 30.52                 | 10.65                 | 51.83                       | 74.00                 | -22.17         | Peak             | HORIZONTAL   |
| 9041.00                                                                                                                                                                                                                                                                                                                         | 34.03                   | 37.41                       | 32.34                 | 11.87                 | 50.97                       | 74.00                 | -23.03         | Peak             | HORIZONTAL   |
| 9874.00                                                                                                                                                                                                                                                                                                                         | 33.75                   | 36.78                       | 32.87                 | 12.42                 | 50.08                       | 74.00                 | -23.92         | Peak             | HORIZONTAL   |
| 11081.00                                                                                                                                                                                                                                                                                                                        | 32.87                   | 37.62                       | 34.08                 | 13.50                 | 49.91                       | 74.00                 | -24.09         | Peak             | HORIZONTAL   |
| 12339.00                                                                                                                                                                                                                                                                                                                        | 32.99                   | 38.08                       | 35.08                 | 14.51                 | 50.50                       | 74.00                 | -23.50         | Peak             | HORIZONTAL   |
| 13223.00                                                                                                                                                                                                                                                                                                                        | 33.89                   | 39.03                       | 35.54                 | 14.73                 | 52.11                       | 74.00                 | -21.89         | Peak             | HORIZONTAL   |
| <b>11a CH165</b>                                                                                                                                                                                                                                                                                                                |                         |                             |                       |                       |                             |                       |                |                  |              |
| 6984.00                                                                                                                                                                                                                                                                                                                         | 34.70                   | 36.19                       | 30.38                 | 10.40                 | 50.91                       | 74.00                 | -23.09         | Peak             | VERTICAL     |
| 8939.00                                                                                                                                                                                                                                                                                                                         | 33.79                   | 37.24                       | 32.26                 | 11.79                 | 50.56                       | 74.00                 | -23.44         | Peak             | VERTICAL     |
| 9330.00                                                                                                                                                                                                                                                                                                                         | 33.70                   | 36.77                       | 32.50                 | 12.16                 | 50.13                       | 74.00                 | -23.87         | Peak             | VERTICAL     |
| 10724.00                                                                                                                                                                                                                                                                                                                        | 33.18                   | 37.04                       | 33.51                 | 13.05                 | 49.76                       | 74.00                 | -24.24         | Peak             | VERTICAL     |
| 12050.00                                                                                                                                                                                                                                                                                                                        | 33.59                   | 37.67                       | 34.82                 | 14.26                 | 50.70                       | 74.00                 | -23.30         | Peak             | VERTICAL     |
| 12815.00                                                                                                                                                                                                                                                                                                                        | 33.79                   | 38.62                       | 35.58                 | 14.66                 | 51.49                       | 74.00                 | -22.51         | Peak             | VERTICAL     |
| 6916.00                                                                                                                                                                                                                                                                                                                         | 34.93                   | 36.13                       | 30.33                 | 10.37                 | 51.10                       | 74.00                 | -22.90         | Peak             | HORIZONTAL   |
| 7715.00                                                                                                                                                                                                                                                                                                                         | 34.15                   | 36.64                       | 30.99                 | 10.98                 | 50.78                       | 74.00                 | -23.22         | Peak             | HORIZONTAL   |
| 8990.00                                                                                                                                                                                                                                                                                                                         | 33.93                   | 37.46                       | 32.32                 | 11.81                 | 50.88                       | 74.00                 | -23.12         | Peak             | HORIZONTAL   |
| 9789.00                                                                                                                                                                                                                                                                                                                         | 33.81                   | 36.69                       | 32.84                 | 12.41                 | 50.07                       | 74.00                 | -23.93         | Peak             | HORIZONTAL   |
| 10979.00                                                                                                                                                                                                                                                                                                                        | 32.70                   | 37.74                       | 33.92                 | 13.45                 | 49.97                       | 74.00                 | -24.03         | Peak             | HORIZONTAL   |
| 12849.00                                                                                                                                                                                                                                                                                                                        | 33.80                   | 38.65                       | 35.61                 | 14.66                 | 51.50                       | 74.00                 | -22.50         | Peak             | HORIZONTAL   |
| <b>Conclusion: Pass</b>                                                                                                                                                                                                                                                                                                         |                         |                             |                       |                       |                             |                       |                |                  |              |
| Note: $-27 \text{ dBm/MHz Limit} = 95.2 + \text{EIRP}[\text{dBm}] = 95.2 - 27 = 68.2 \text{ dB}\mu\text{V/m}$<br>For transmitters operating in the 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz-5725MHz, 5725MHz-5850MHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of $-27 \text{ dBm/MHz}$ . |                         |                             |                       |                       |                             |                       |                |                  |              |

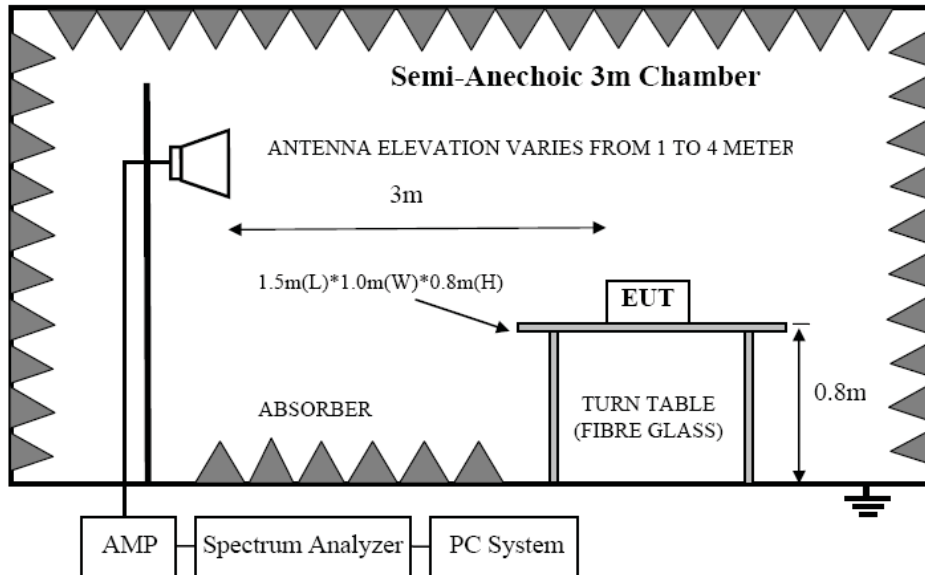
Note: 1.30MHz~40GHz: (11a, 11n20, n40, 11ac20, 11ac40, 11ac80 mode ANT 1 ANT 2 mode all have been tested, only ANT2 mode is worse case and reported, the worst case is 11a Mode.)

2. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 10. Band Edge Compliance

### 10.1. Block diagram of test setup



### 10.2. Limit

For transmitters operating in the 5.15-5.25 GHz and 5.725-5.85G band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

$$-27 \text{ dBm/MHz Limit} = 95.2 + \text{EIRP}[\text{dBm}] = 95.2 - 27 = 68.2 \text{ dB}\mu\text{V/m}$$

### 10.3. Test Procedure

Same with clause 8.3 except change investigated frequency range from 5.15-5.25 GHz, 5250-5350GHz, 5470-5725GHz, 5.725-5.85G.

Remark: All restriction band have been tested, and only the worse case is shown in report.

### 10.4. Test result

#### **PASS. (See below detailed test result)**

Note1: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit

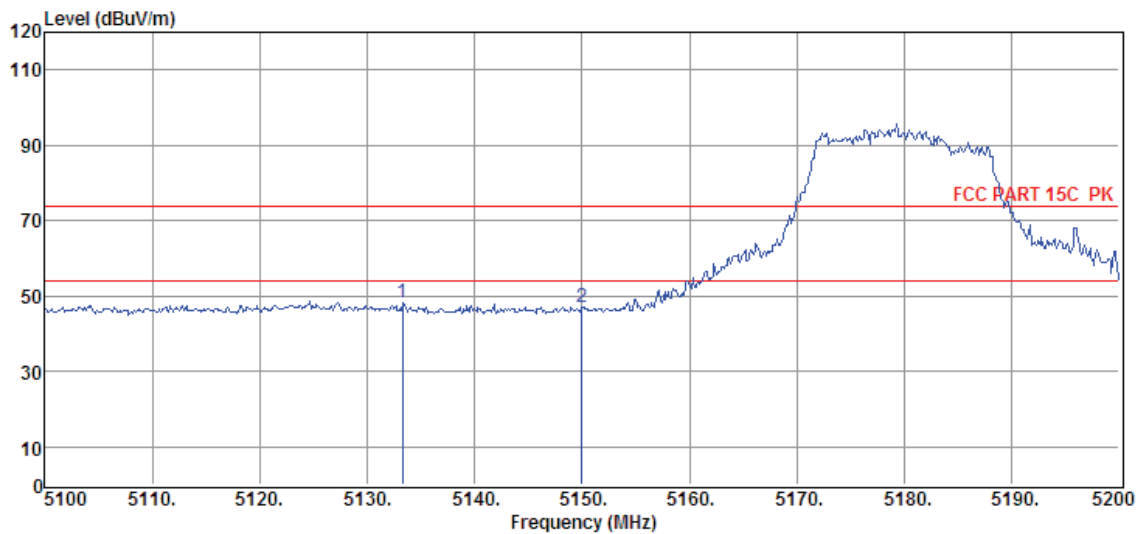
Note2: 11a, 11n20, n40, 11ac20, 11ac40, 11ac80 mode ANT 1 ANT 2 mode all have been tested, only ANT 2 mode is worse case and reported, the worst case is 11a Mode.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5180MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 7



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5133.30        | 34.60                   | 33.98                       | 29.34               | 8.80                | 48.04                       | 74.00                     | -25.96                | Peak     | VERTICAL     |
| 2              | 5150.00        | 33.46                   | 34.01                       | 29.33               | 8.84                | 46.98                       | 74.00                     | -27.02                | Peak     | VERTICAL     |

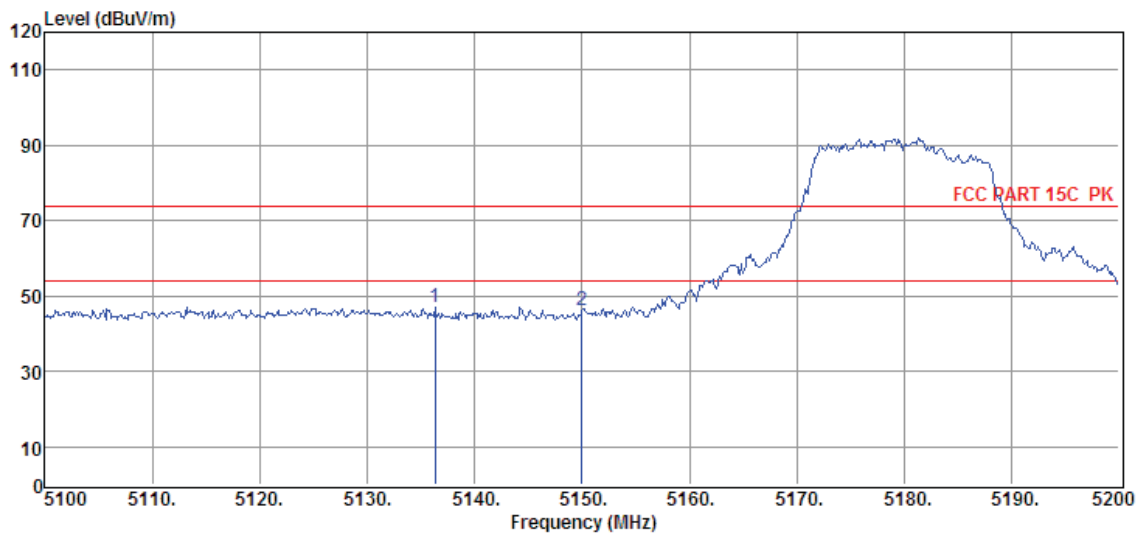
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5180MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 8



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5136.30        | 33.37                   | 33.98                       | 29.34               | 8.80                | 46.81                       | 74.00                     | -27.19                | Peak     | HORIZONTAL   |
| 2              | 5150.00        | 32.67                   | 34.01                       | 29.33               | 8.84                | 46.19                       | 74.00                     | -27.81                | Peak     | HORIZONTAL   |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#

D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI  
1G-18G.EM6

**Test Date** : 2017-09-03

**Tested By** : Sunny

**EUT** : Wireless Speaker

**Model Number** : ALLURE

**Power Supply** : AC 120V/60Hz

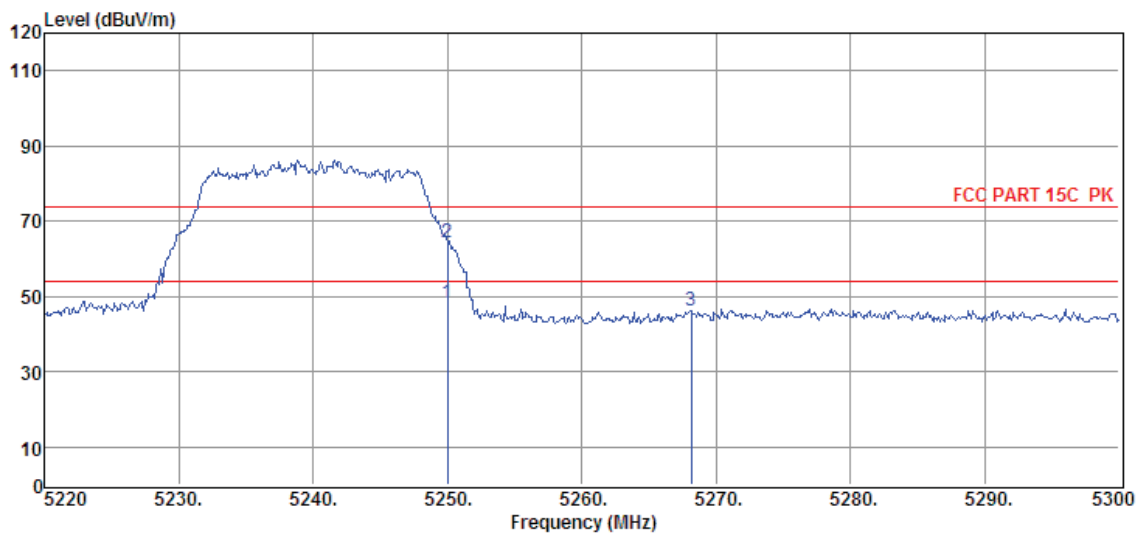
**Test Mode** : TX mode

**Condition** : Temp:24.5°C,Humi:55%,  
Press:100.1kPa

**Antenna/Distance** : 2016 HF907/3m/VERTICAL

**Memo** : 11a 5240MHz

Data: 15



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 34.47                   | 34.21                       | 29.32               | 8.93                | 48.29                       | 54.00                     | -5.71                 | Average  | VERTICAL     |
| 2              | 5250.00        | 50.58                   | 34.21                       | 29.32               | 8.93                | 64.40                       | 74.00                     | -9.60                 | Peak     | VERTICAL     |
| 3              | 5268.16        | 32.42                   | 34.25                       | 29.32               | 8.96                | 46.31                       | 74.00                     | -27.69                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

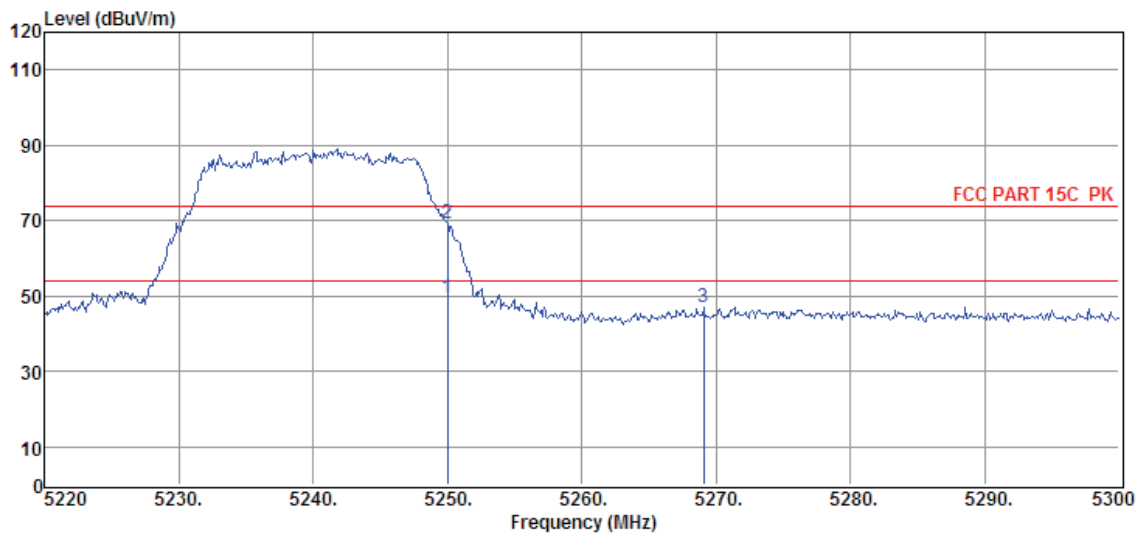
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5240MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 16



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 35.74                   | 34.21                       | 29.32               | 8.93                | 49.56                       | 54.00                     | -4.44                 | Average  | HORIZONTAL   |
| 2              | 5250.00        | 55.27                   | 34.21                       | 29.32               | 8.93                | 69.09                       | 74.00                     | -4.91                 | Peak     | HORIZONTAL   |
| 3              | 5269.04        | 33.17                   | 34.25                       | 29.32               | 8.96                | 47.06                       | 74.00                     | -26.94                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

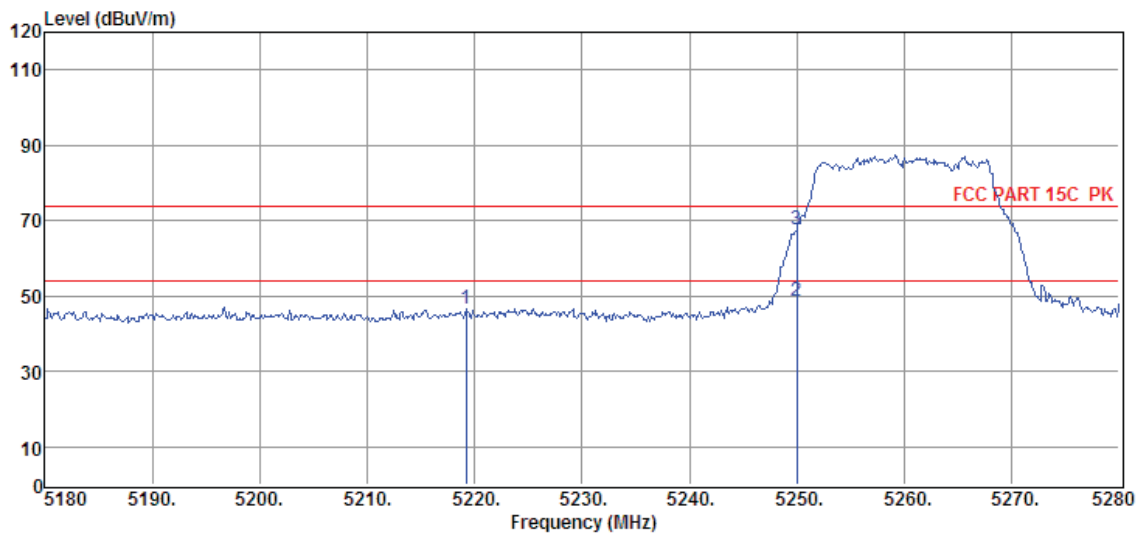
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5260MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 17



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5219.20        | 33.03                   | 34.15                       | 29.33               | 8.91                | 46.76                       | 74.00                     | -27.24                | Peak     | HORIZONTAL   |
| 2              | 5250.00        | 34.78                   | 34.21                       | 29.32               | 8.93                | 48.60                       | 54.00                     | -5.40                 | Average  | HORIZONTAL   |
| 3              | 5250.00        | 53.78                   | 34.21                       | 29.32               | 8.93                | 67.60                       | 74.00                     | -6.40                 | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

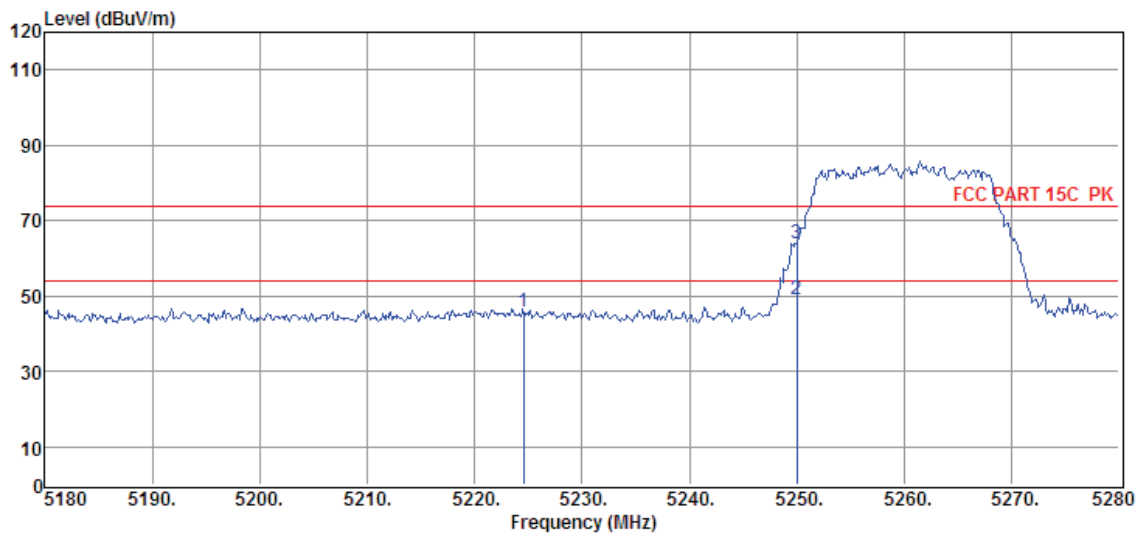
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5260MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 18



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5224.60        | 31.84                   | 34.16                       | 29.32               | 8.91                | 45.59                       | 74.00                     | -28.41                | Peak     | VERTICAL     |
| 2              | 5250.00        | 35.17                   | 34.21                       | 29.32               | 8.93                | 48.99                       | 54.00                     | -5.01                 | Average  | VERTICAL     |
| 3              | 5250.00        | 50.17                   | 34.21                       | 29.32               | 8.93                | 63.99                       | 74.00                     | -10.01                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#

D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI  
1G-18G.EM6

**Test Date** : 2017-09-03

**Tested By** : Sunny

**EUT** : Wireless Speaker

**Model Number** : ALLURE

**Power Supply** : AC 120V/60Hz

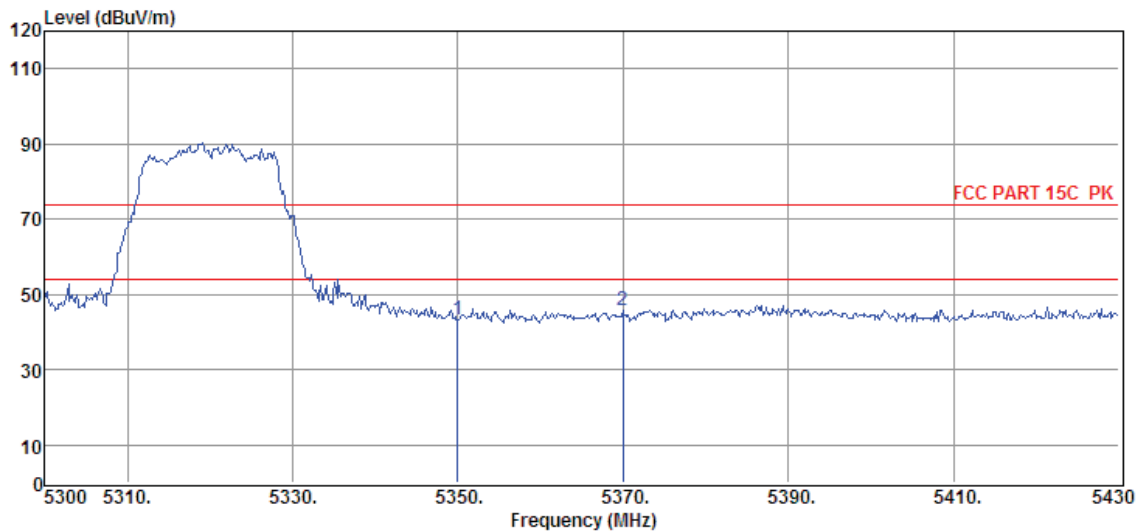
**Test Mode** : TX mode

**Condition** : Temp:24.5°C,Humi:55%,  
Press:100.1kPa

**Antenna/Distance** : 2016 HF907/3m/VERTICAL

**Memo** : 11a 5320MHz

Data: 27



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 29.10                   | 34.41                       | 29.30               | 9.03                | 43.24                       | 74.00                     | -30.76                | Peak     | VERTICAL     |
| 2              | 5369.94        | 31.73                   | 34.45                       | 29.30               | 9.05                | 45.93                       | 74.00                     | -28.07                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

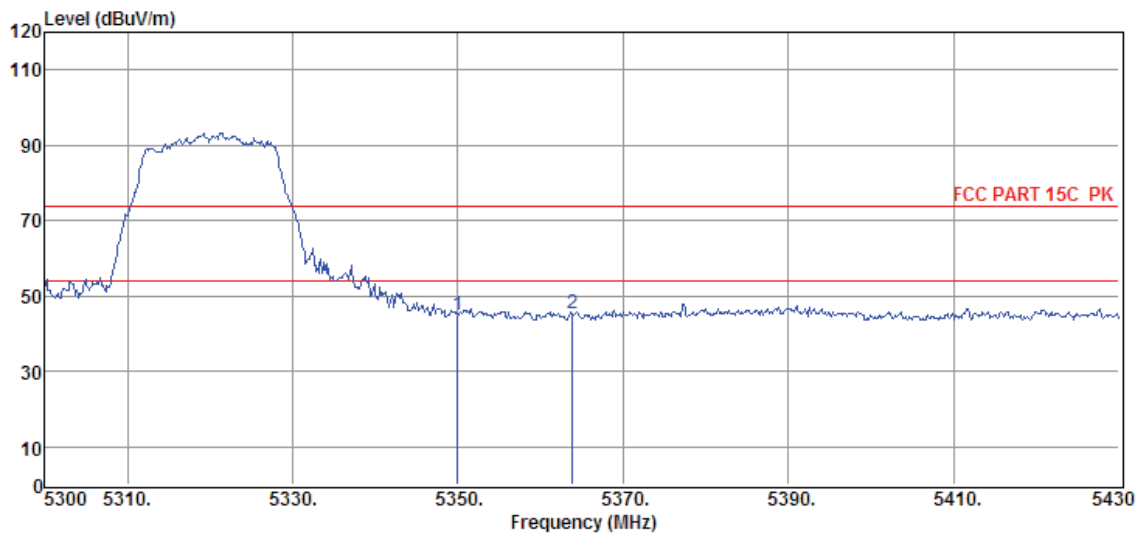
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5320MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 28



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 30.95                   | 34.41                       | 29.30               | 9.03                | 45.09                       | 74.00                     | -28.91                | Peak     | HORIZONTAL   |
| 2              | 5363.83        | 31.31                   | 34.44                       | 29.30               | 9.05                | 45.50                       | 74.00                     | -28.50                | Peak     | HORIZONTAL   |

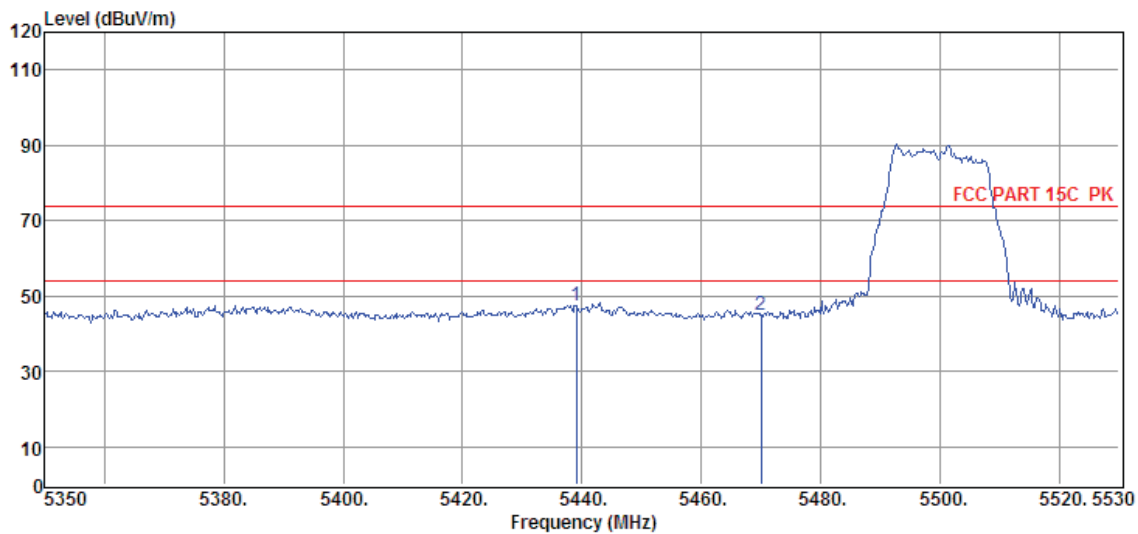
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5500MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 29



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5439.10        | 33.18                   | 34.58                       | 29.28               | 9.14                | 47.62                       | 74.00                     | -26.38                | Peak     | VERTICAL     |
| 2              | 5470.00        | 30.32                   | 34.64                       | 29.27               | 9.16                | 44.85                       | 74.00                     | -29.15                | Peak     | VERTICAL     |

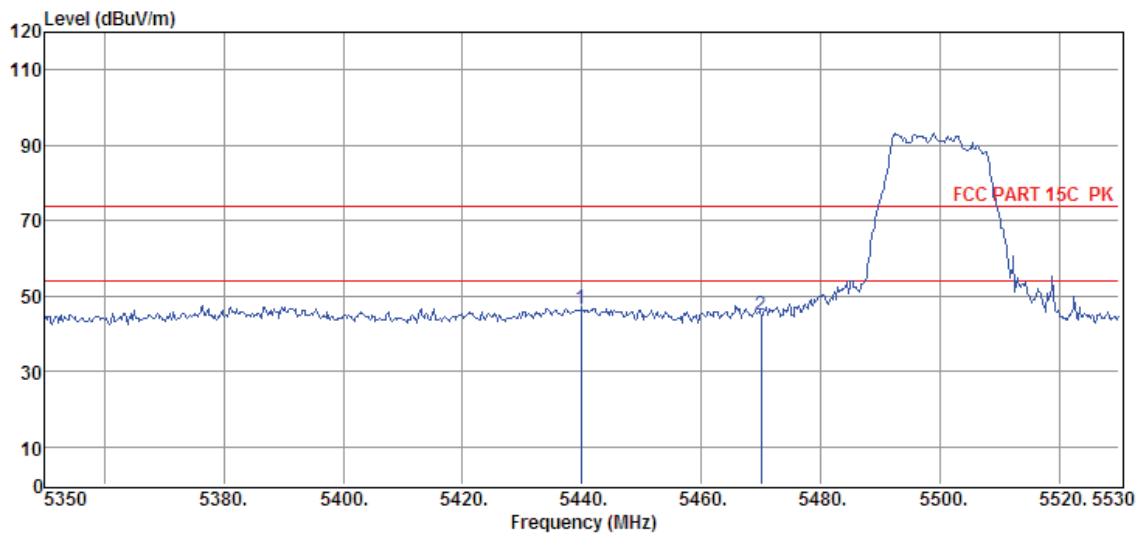
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5500MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 30



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5439.82        | 32.21                   | 34.58                       | 29.28               | 9.14                | 46.65                       | 74.00                     | -27.35                | Peak     | VERTICAL     |
| 2              | 5470.00        | 30.62                   | 34.64                       | 29.27               | 9.16                | 45.15                       | 74.00                     | -28.85                | Peak     | VERTICAL     |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#

D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI  
1G-18G.EM6

**Test Date** : 2017-09-03

**Tested By** : Sunny

**EUT** : Wireless Speaker

**Model Number** : ALLURE

**Power Supply** : AC 120V/60Hz

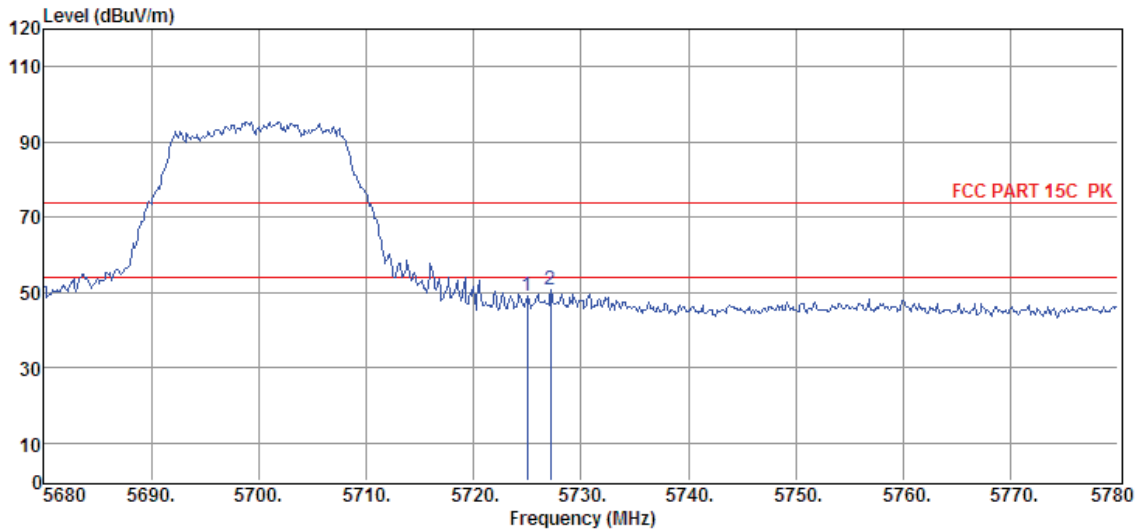
**Test Mode** : TX mode

**Condition** : Temp:24.5°C,Humi:55%,  
Press:100.1kPa

**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

**Memo** : 11a 5700MHz

Data: 37



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 34.23                   | 34.84                       | 29.22               | 9.41                | 49.26                       | 74.00                     | -24.74                | Peak     | HORIZONTAL   |
| 2              | 5727.20        | 35.66                   | 34.84                       | 29.22               | 9.41                | 50.69                       | 74.00                     | -23.31                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

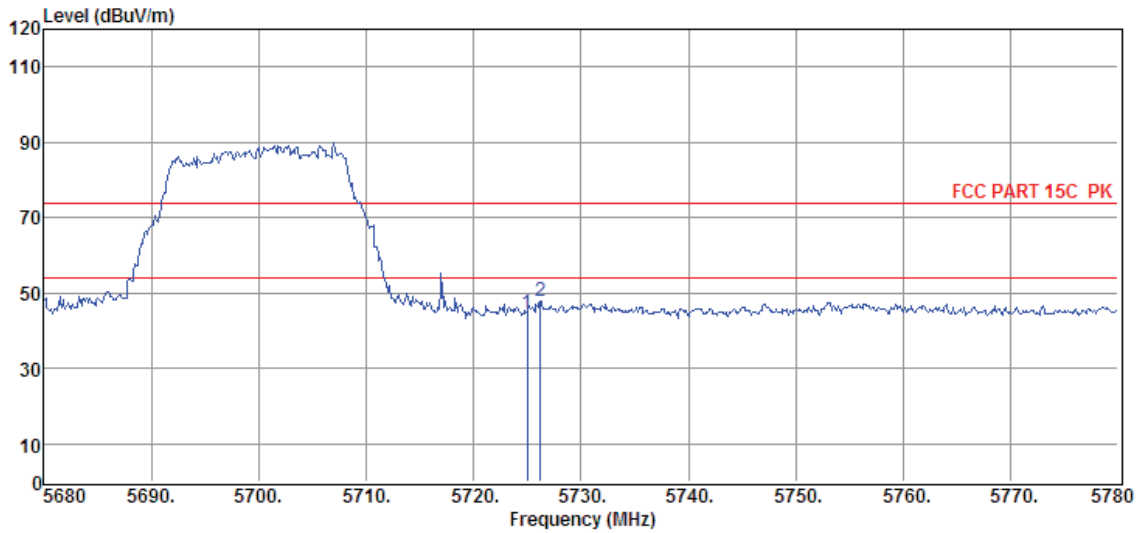
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5700MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 38



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 29.56                   | 34.84                       | 29.22               | 9.41                | 44.59                       | 74.00                     | -29.41                | Peak     | VERTICAL     |
| 2              | 5726.20        | 32.85                   | 34.84                       | 29.22               | 9.41                | 47.88                       | 74.00                     | -26.12                | Peak     | VERTICAL     |

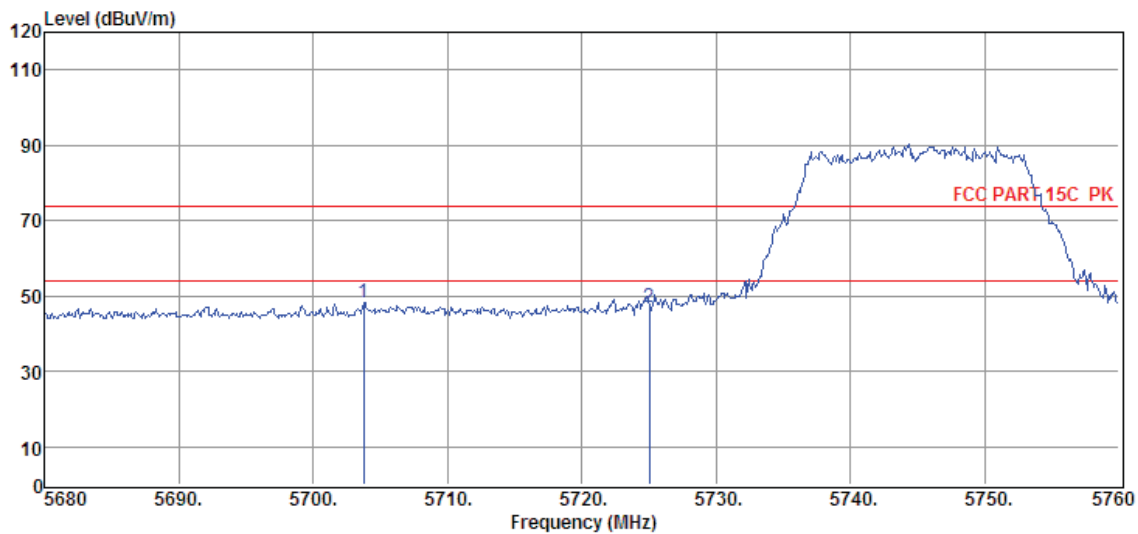
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5745MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 39



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5703.76        | 33.28                   | 34.83                       | 29.22               | 9.38                | 48.27                       | 74.00                     | -25.73                | Peak     | VERTICAL     |
| 2              | 5725.00        | 32.12                   | 34.84                       | 29.22               | 9.41                | 47.15                       | 74.00                     | -26.85                | Peak     | VERTICAL     |

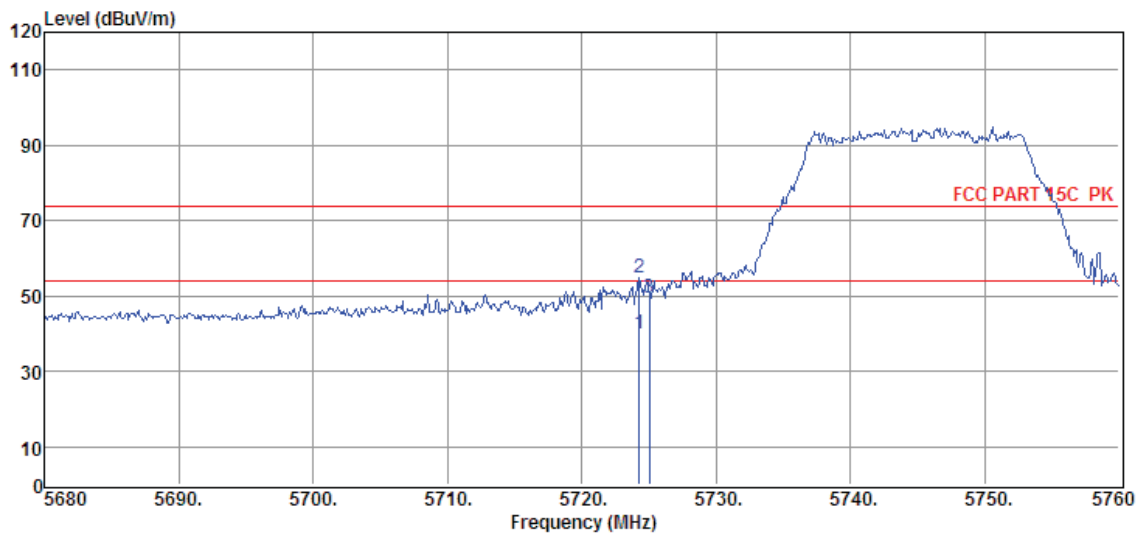
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5745MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 40



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5724.24        | 24.88                   | 34.84                       | 29.22               | 9.41                | 39.91                       | 54.00                     | -14.09                | Average  | HORIZONTAL   |
| 2              | 5724.24        | 39.88                   | 34.84                       | 29.22               | 9.41                | 54.91                       | 74.00                     | -19.09                | Peak     | HORIZONTAL   |
| 3              | 5725.00        | 34.47                   | 34.84                       | 29.22               | 9.41                | 49.50                       | 74.00                     | -24.50                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#

D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI  
1G-18G.EM6

**Test Date** : 2017-09-03

**Tested By** : Sunny

**EUT** : Wireless Speaker

**Model Number** : ALLURE

**Power Supply** : AC 120V/60Hz

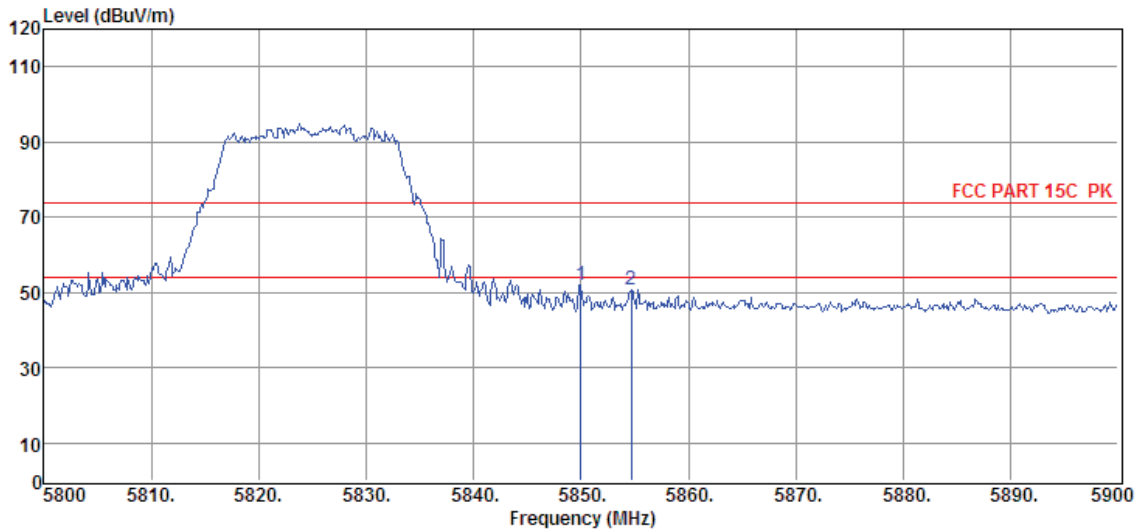
**Test Mode** : TX mode

**Condition** : Temp:24.5°C,Humi:55%,  
Press:100.1kPa

**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

**Memo** : 11a 5825MHz

Data: 47



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 36.91                   | 34.91                       | 29.20               | 9.54                | 52.16                       | 74.00                     | -21.84                | Peak     | HORIZONTAL   |
| 2              | 5854.70        | 35.43                   | 34.92                       | 29.20               | 9.54                | 50.69                       | 74.00                     | -23.31                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

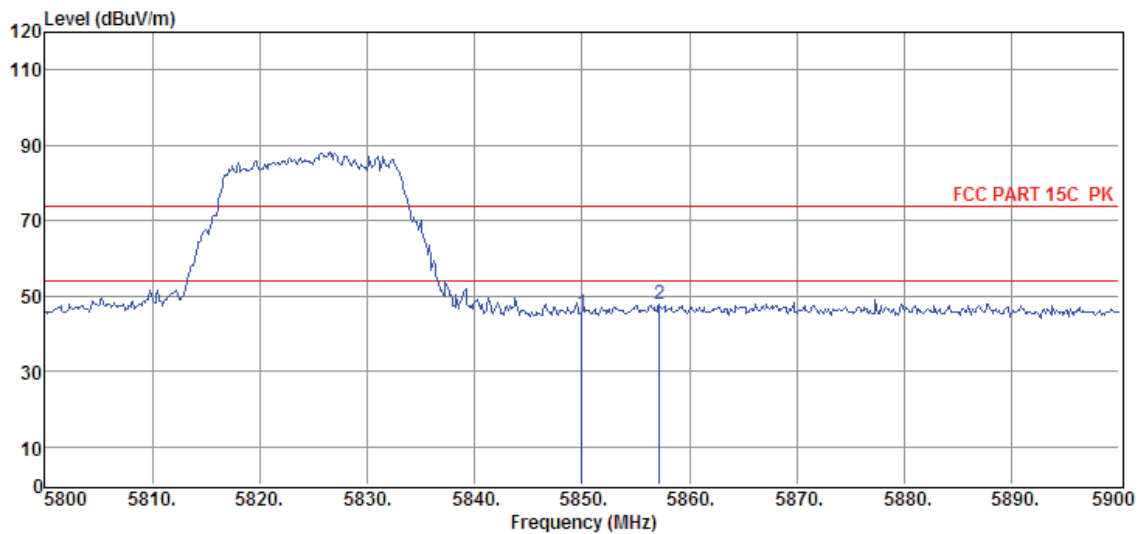
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11a 5825MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 48



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 30.20                   | 34.91                       | 29.20               | 9.54                | 45.45                       | 74.00                     | -28.55                | Peak     | VERTICAL     |
| 2              | 5857.20        | 32.53                   | 34.92                       | 29.20               | 9.54                | 47.79                       | 74.00                     | -26.21                | Peak     | VERTICAL     |

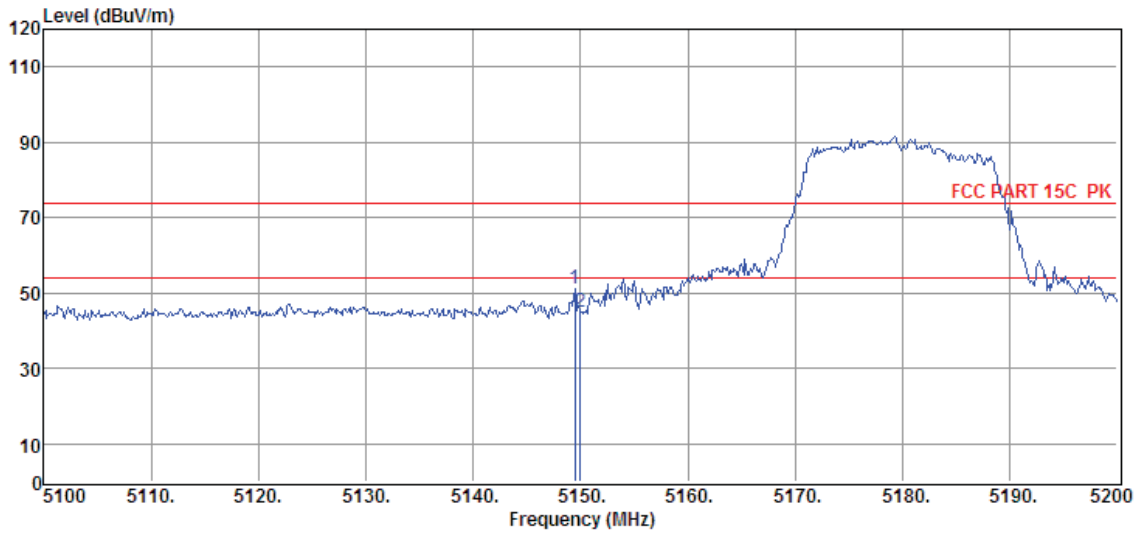
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5180MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 49



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5149.50        | 37.53                   | 34.01                       | 29.33               | 8.84                | 51.05                       | 74.00                     | -22.95                | Peak     | VERTICAL     |
| 2              | 5150.00        | 31.38                   | 34.01                       | 29.33               | 8.84                | 44.90                       | 74.00                     | -29.10                | Peak     | VERTICAL     |

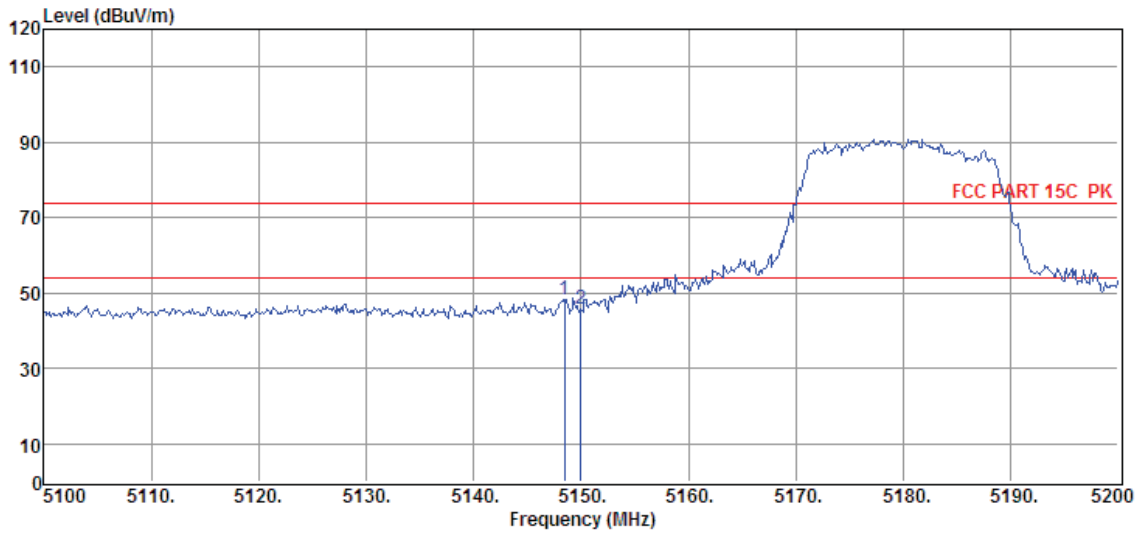
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5180MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 50



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5148.50        | 34.88                   | 34.01                       | 29.33               | 8.84                | 48.40                       | 74.00                     | -25.60                | Peak     | HORIZONTAL   |
| 2              | 5150.00        | 32.17                   | 34.01                       | 29.33               | 8.84                | 45.69                       | 74.00                     | -28.31                | Peak     | HORIZONTAL   |

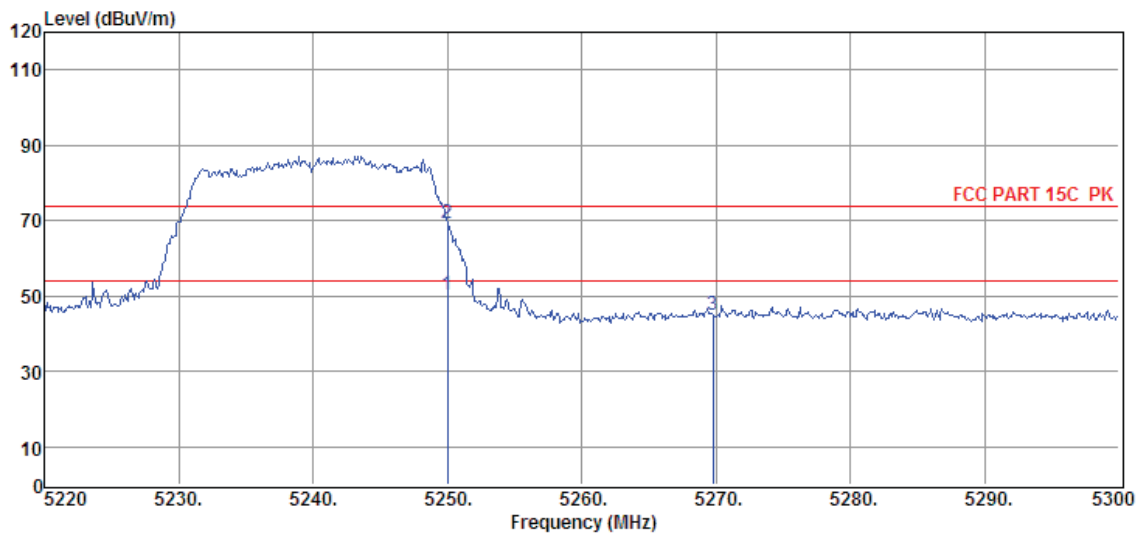
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5240MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 53



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 36.50                   | 34.21                       | 29.32               | 8.93                | 50.32                       | 54.00                     | -3.68                 | Average  | HORIZONTAL   |
| 2              | 5250.00        | 55.50                   | 34.21                       | 29.32               | 8.93                | 69.32                       | 74.00                     | -4.68                 | Peak     | HORIZONTAL   |
| 3              | 5269.76        | 31.05                   | 34.25                       | 29.32               | 8.96                | 44.94                       | 74.00                     | -29.06                | Peak     | HORIZONTAL   |

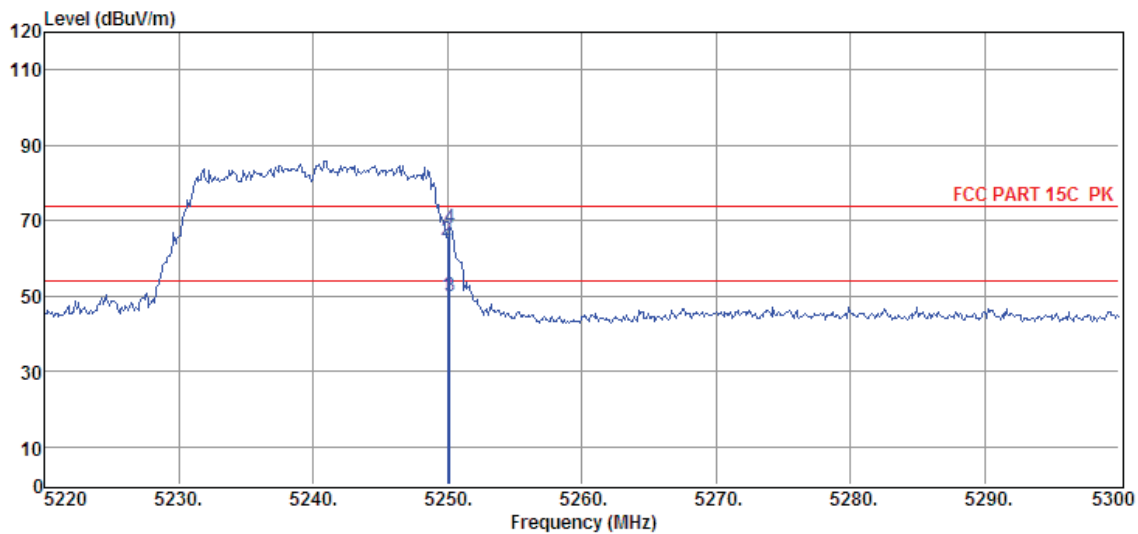
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5240MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 54



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 36.11                   | 34.21                       | 29.32               | 8.93                | 49.93                       | 54.00                     | -4.07                 | Average  | VERTICAL     |
| 2              | 5250.00        | 51.11                   | 34.21                       | 29.32               | 8.93                | 64.93                       | 74.00                     | -9.07                 | Peak     | VERTICAL     |
| 3              | 5250.16        | 36.28                   | 34.21                       | 29.32               | 8.93                | 50.10                       | 54.00                     | -3.90                 | Average  | VERTICAL     |
| 4              | 5250.16        | 54.28                   | 34.21                       | 29.32               | 8.93                | 68.10                       | 74.00                     | -5.90                 | Peak     | VERTICAL     |

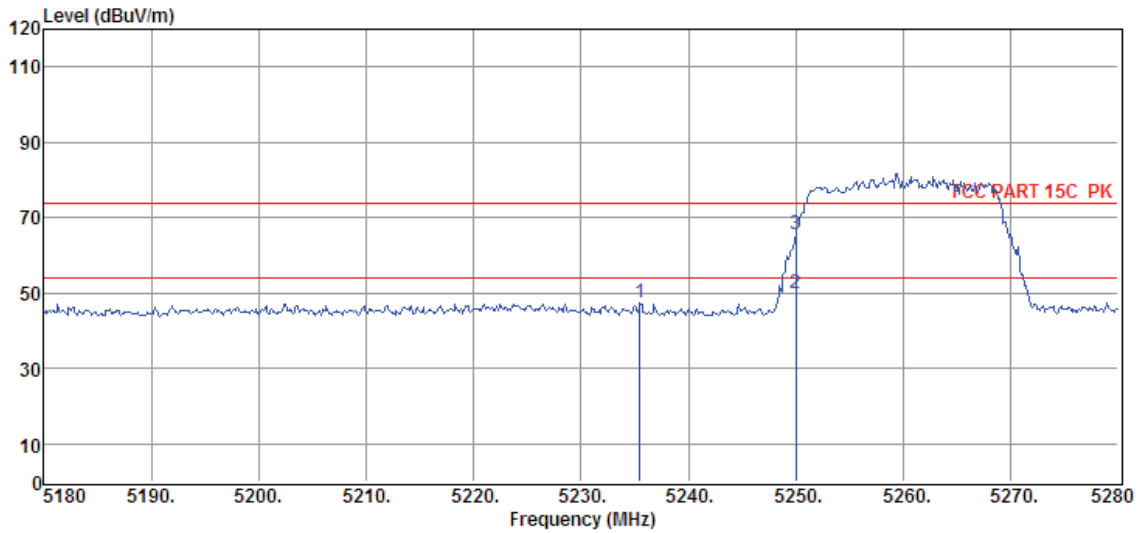
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5260MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 55



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5235.50        | 33.59                   | 34.18                       | 29.32               | 8.91                | 47.36                       | 74.00                     | -26.64                | Peak     | VERTICAL     |
| 2              | 5250.00        | 35.90                   | 34.21                       | 29.32               | 8.93                | 49.72                       | 54.00                     | -4.28                 | Average  | VERTICAL     |
| 3              | 5250.00        | 51.90                   | 34.21                       | 29.32               | 8.93                | 65.72                       | 74.00                     | -8.28                 | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

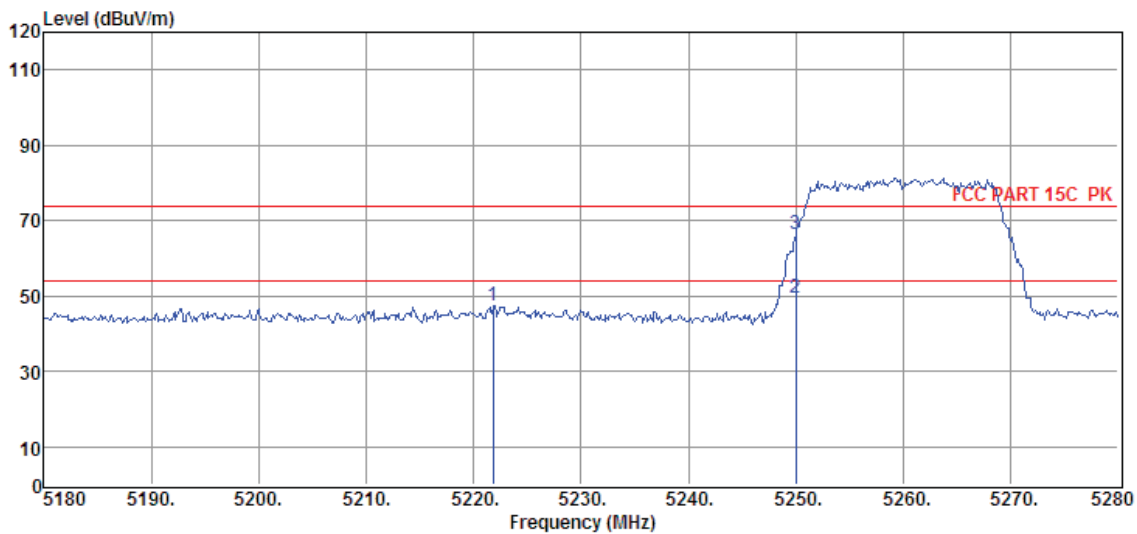
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5260MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 56



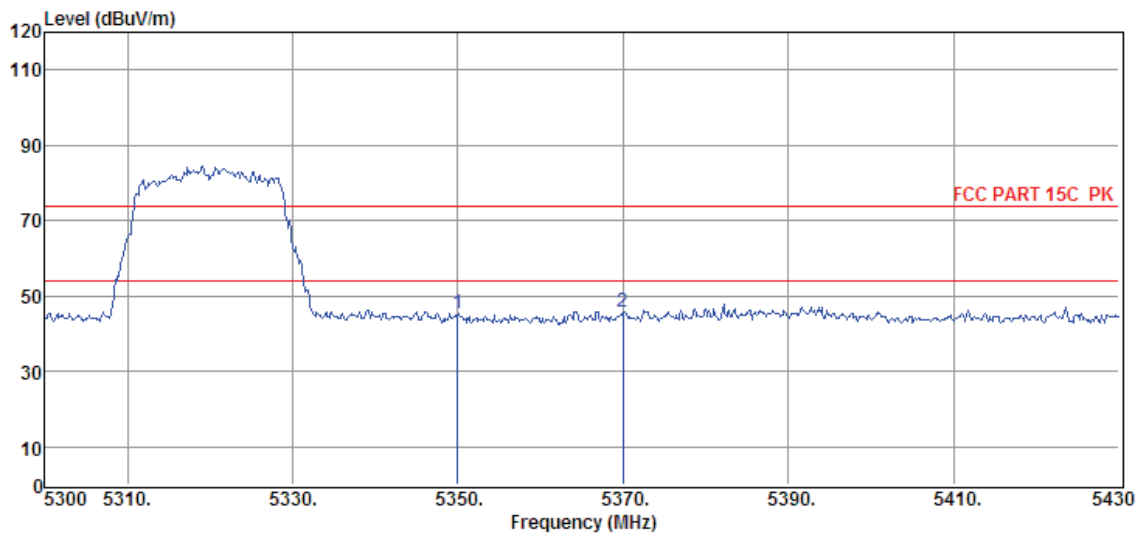
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5221.80        | 33.71                   | 34.16                       | 29.33               | 8.91                | 47.45                       | 74.00                     | -26.55                | Peak     | HORIZONTAL   |
| 2              | 5250.00        | 35.60                   | 34.21                       | 29.32               | 8.93                | 49.42                       | 54.00                     | -4.58                 | Average  | HORIZONTAL   |
| 3              | 5250.00        | 52.60                   | 34.21                       | 29.32               | 8.93                | 66.42                       | 74.00                     | -7.58                 | Peak     | HORIZONTAL   |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                            |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|----------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                            |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                    |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                   |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                  |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/HORIZONTAL |
| <b>Memo</b>         | : 11n20 5320MHz                           |                                                                     |                            |

Data: 57



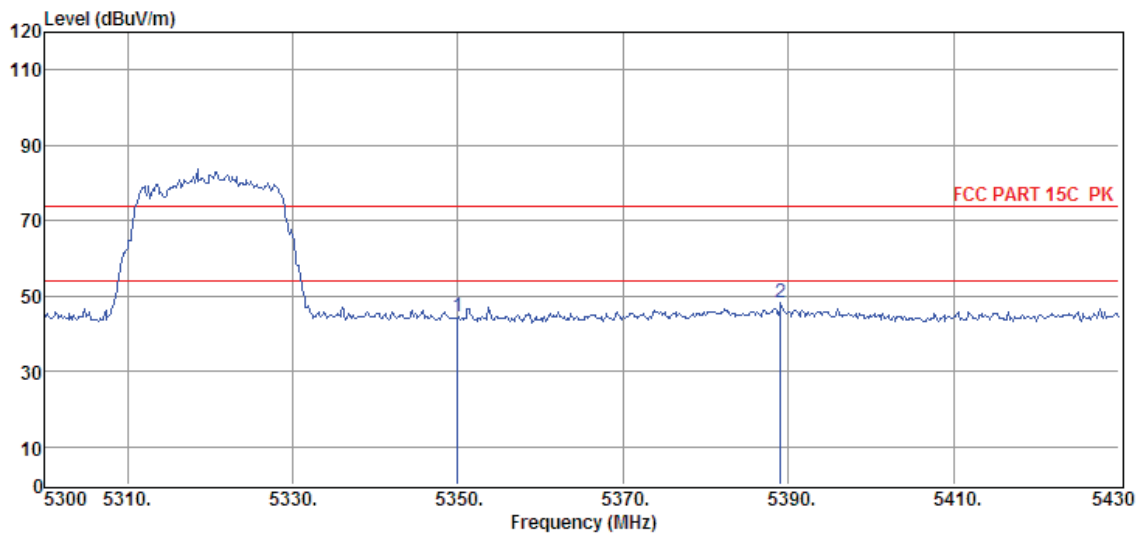
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 31.02                   | 34.41                       | 29.30               | 9.03                | 45.16                       | 74.00                     | -28.84                | Peak     | HORIZONTAL   |
| 2              | 5369.94        | 31.57                   | 34.45                       | 29.30               | 9.05                | 45.77                       | 74.00                     | -28.23                | Peak     | HORIZONTAL   |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                          |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                          |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                  |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                 |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/VERTICAL |
| <b>Memo</b>         | : 11n20 5320MHz                           |                                                                     |                          |

Data: 58



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 30.31                   | 34.41                       | 29.30               | 9.03                | 44.45                       | 74.00                     | -29.55                | Peak     | VERTICAL     |
| 2              | 5389.05        | 34.08                   | 34.49                       | 29.30               | 9.09                | 48.36                       | 74.00                     | -25.64                | Peak     | VERTICAL     |

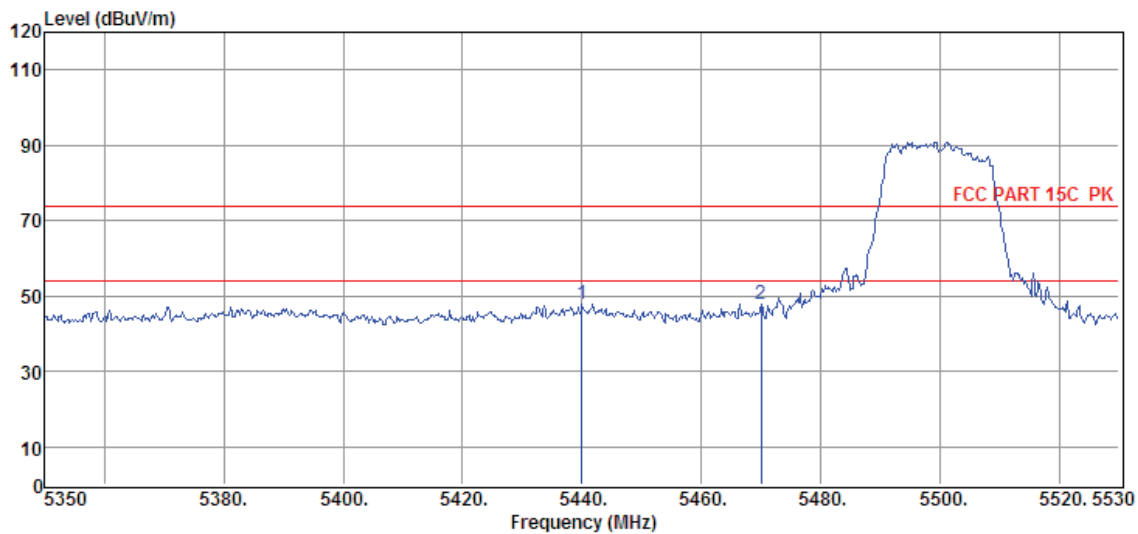
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5500MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 59



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5440.00        | 33.37                   | 34.58                       | 29.28               | 9.14                | 47.81                       | 74.00                     | -26.19                | Peak     | VERTICAL     |
| 2              | 5470.00        | 33.17                   | 34.64                       | 29.27               | 9.16                | 47.70                       | 74.00                     | -26.30                | Peak     | VERTICAL     |

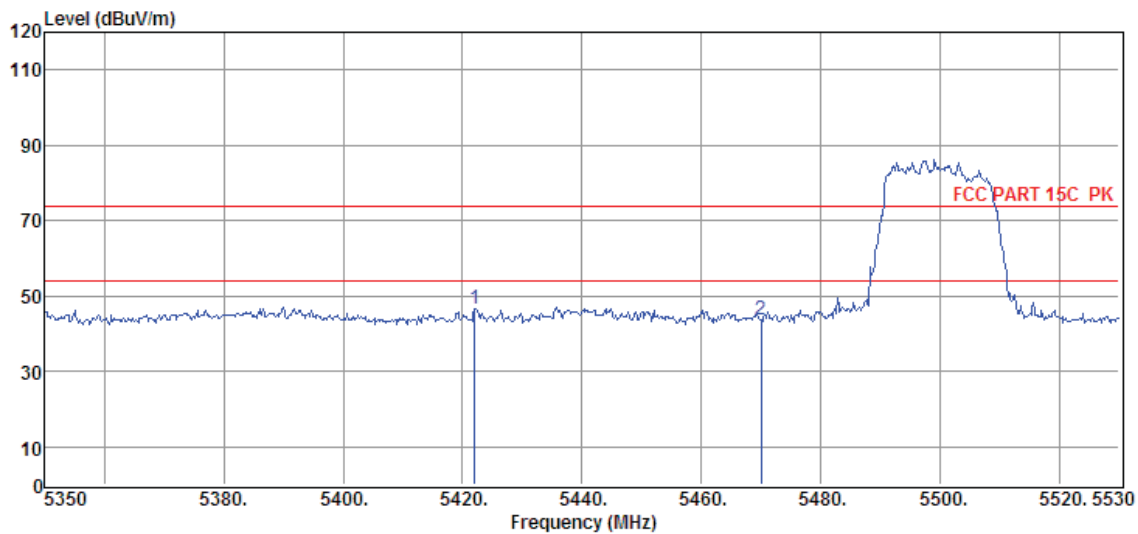
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5500MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 60



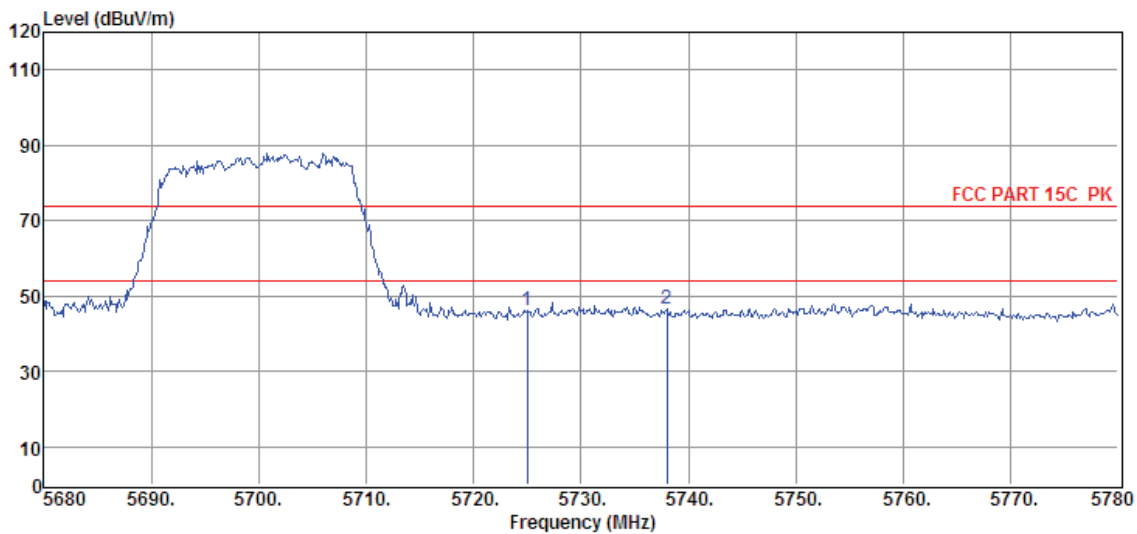
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5422.00        | 32.25                   | 34.55                       | 29.28               | 9.11                | 46.63                       | 74.00                     | -27.37                | Peak     | HORIZONTAL   |
| 2              | 5470.00        | 29.09                   | 34.64                       | 29.27               | 9.16                | 43.62                       | 74.00                     | -30.38                | Peak     | HORIZONTAL   |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                          |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                          |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                  |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                 |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/VERTICAL |
| <b>Memo</b>         | : 11n20 5700MHz                           |                                                                     |                          |

Data: 61



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 31.00                   | 34.84                       | 29.22               | 9.41                | 46.03                       | 74.00                     | -27.97                | Peak     | VERTICAL     |
| 2              | 5738.00        | 31.71                   | 34.85                       | 29.21               | 9.43                | 46.78                       | 74.00                     | -27.22                | Peak     | VERTICAL     |

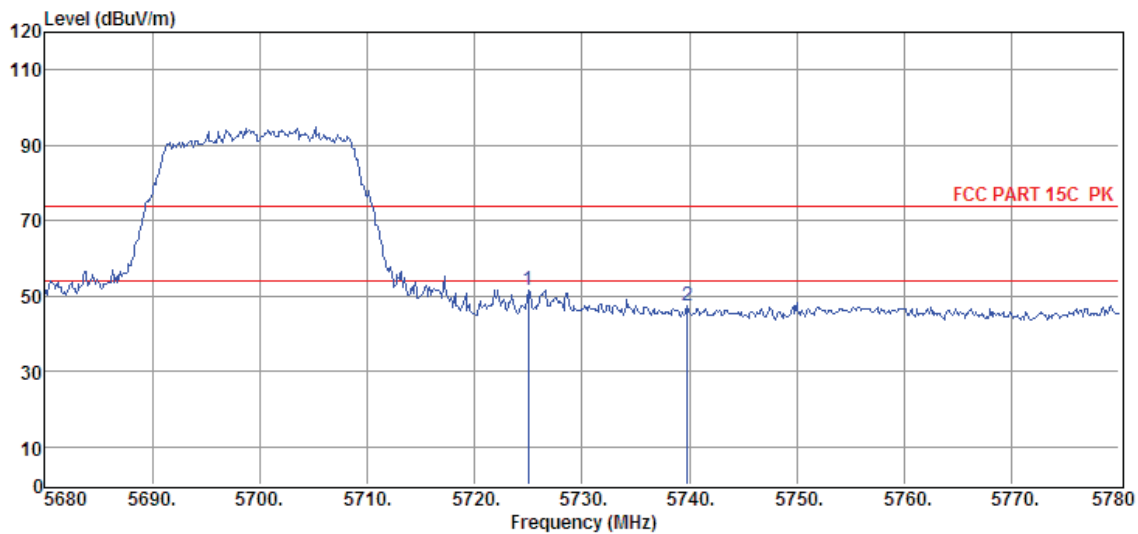
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5700MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 62



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 36.35                   | 34.84                       | 29.22               | 9.41                | 51.38                       | 74.00                     | -22.62                | Peak     | HORIZONTAL   |
| 2              | 5739.80        | 32.19                   | 34.85                       | 29.21               | 9.43                | 47.26                       | 74.00                     | -26.74                | Peak     | HORIZONTAL   |

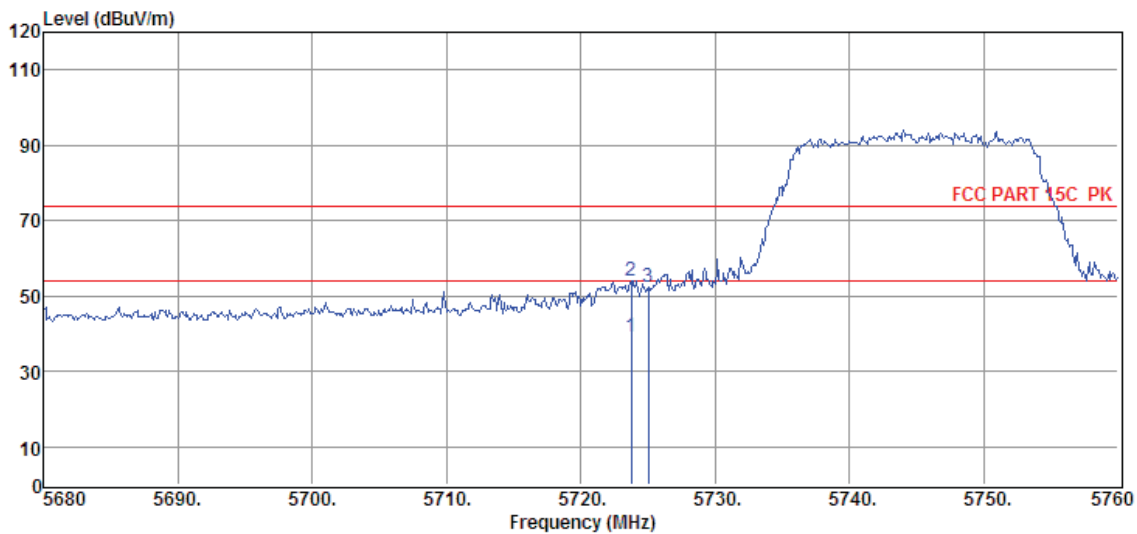
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5745MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 63



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5723.76        | 24.12                   | 34.84                       | 29.22               | 9.41                | 39.15                       | 54.00                     | -14.85                | Average  | HORIZONTAL   |
| 2              | 5723.76        | 39.12                   | 34.84                       | 29.22               | 9.41                | 54.15                       | 74.00                     | -19.85                | Peak     | HORIZONTAL   |
| 3              | 5725.00        | 37.20                   | 34.84                       | 29.22               | 9.41                | 52.23                       | 74.00                     | -21.77                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

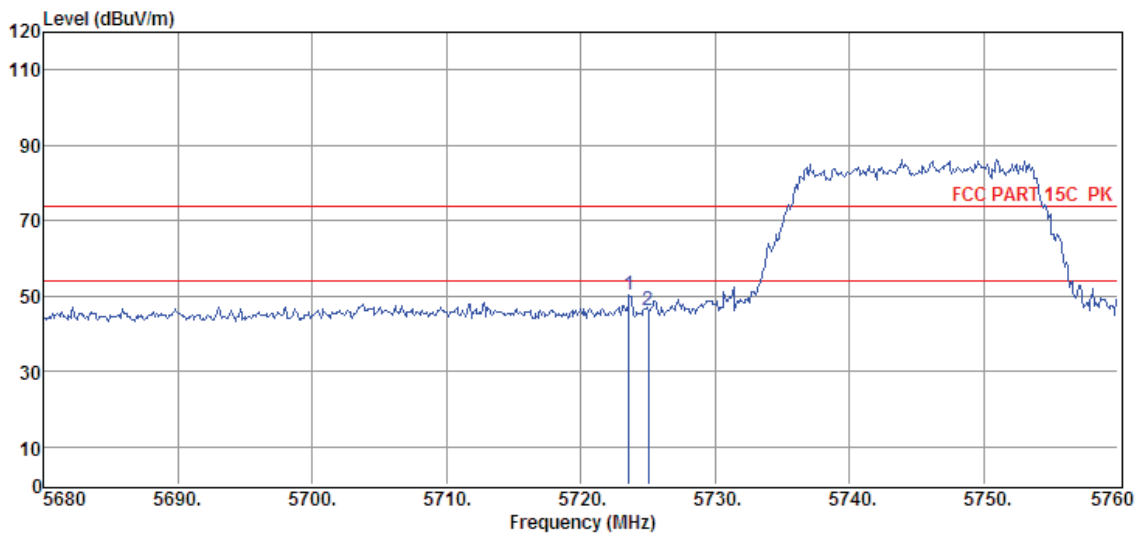
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5745MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 64



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5723.60        | 35.31                   | 34.84                       | 29.22               | 9.41                | 50.34                       | 74.00                     | -23.66                | Peak     | VERTICAL     |
| 2              | 5725.00        | 31.18                   | 34.84                       | 29.22               | 9.41                | 46.21                       | 74.00                     | -27.79                | Peak     | VERTICAL     |

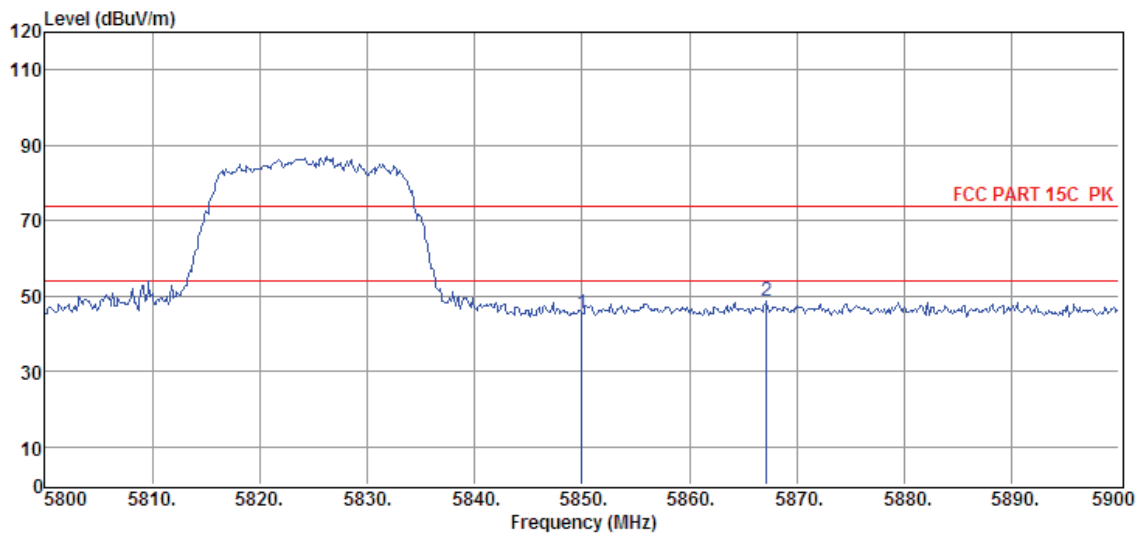
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n20 5825MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 65



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 30.15                   | 34.91                       | 29.20               | 9.54                | 45.40                       | 74.00                     | -28.60                | Peak     | VERTICAL     |
| 2              | 5867.20        | 33.37                   | 34.92                       | 29.20               | 9.56                | 48.65                       | 74.00                     | -25.35                | Peak     | VERTICAL     |

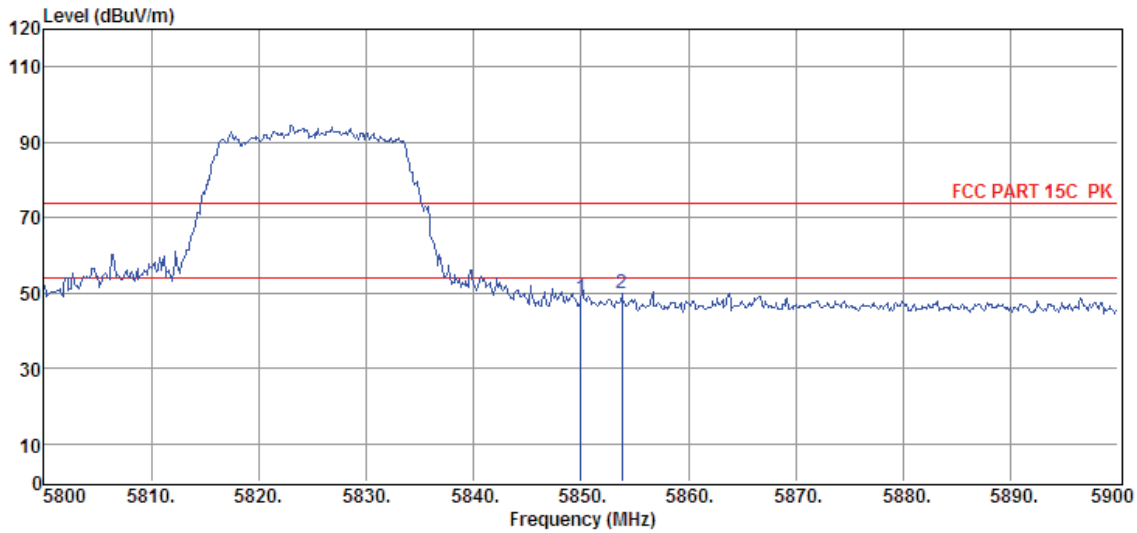
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
Press:100.1kPa  
**Memo** : 11n20 5825MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 66



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 33.37                   | 34.91                       | 29.20               | 9.54                | 48.62                       | 74.00                     | -25.38                | Peak     | HORIZONTAL   |
| 2              | 5853.80        | 34.76                   | 34.91                       | 29.20               | 9.54                | 50.01                       | 74.00                     | -23.99                | Peak     | HORIZONTAL   |

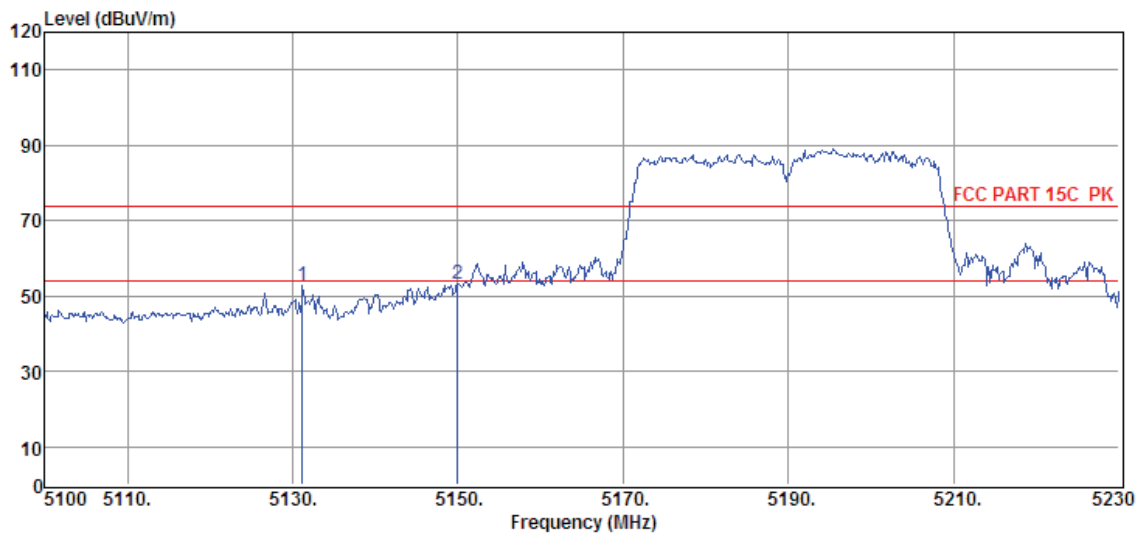
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
Press:100.1kPa  
**Memo** : 11n40 5190MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 67



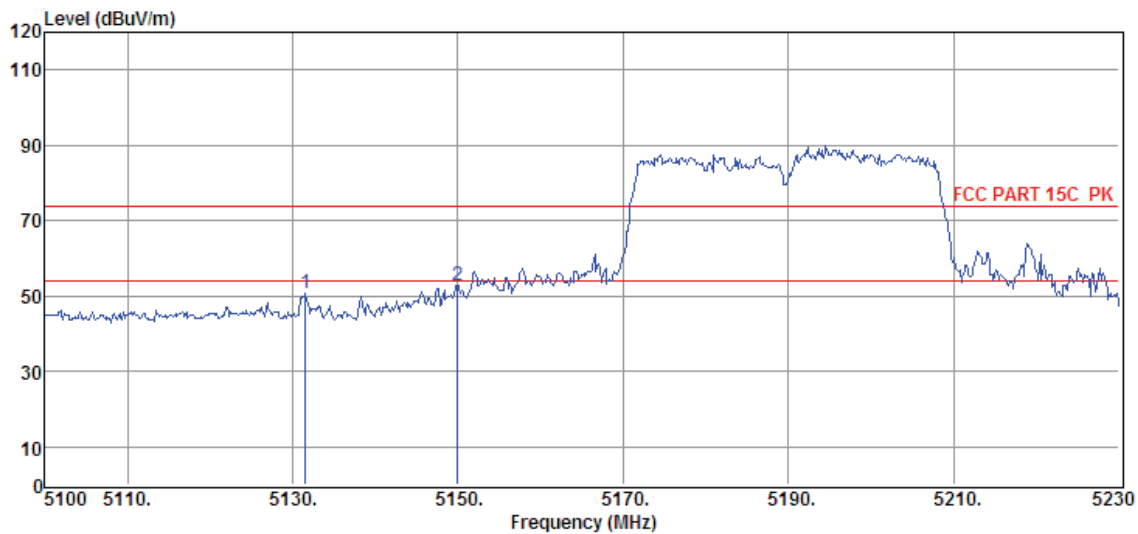
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5131.20        | 39.18                   | 33.97                       | 29.34               | 8.80                | 52.61                       | 74.00                     | -21.39                | Peak     | HORIZONTAL   |
| 2              | 5150.00        | 39.80                   | 34.01                       | 29.33               | 8.84                | 53.32                       | 74.00                     | -20.68                | Peak     | HORIZONTAL   |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                          |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                          |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                  |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                 |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/VERTICAL |
| <b>Memo</b>         | : 11n40 5190MHz                           |                                                                     |                          |

Data: 68



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5131.59        | 37.09                   | 33.97                       | 29.34               | 8.80                | 50.52                       | 74.00                     | -23.48                | Peak     | VERTICAL     |
| 2              | 5150.00        | 39.30                   | 34.01                       | 29.33               | 8.84                | 52.82                       | 74.00                     | -21.18                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

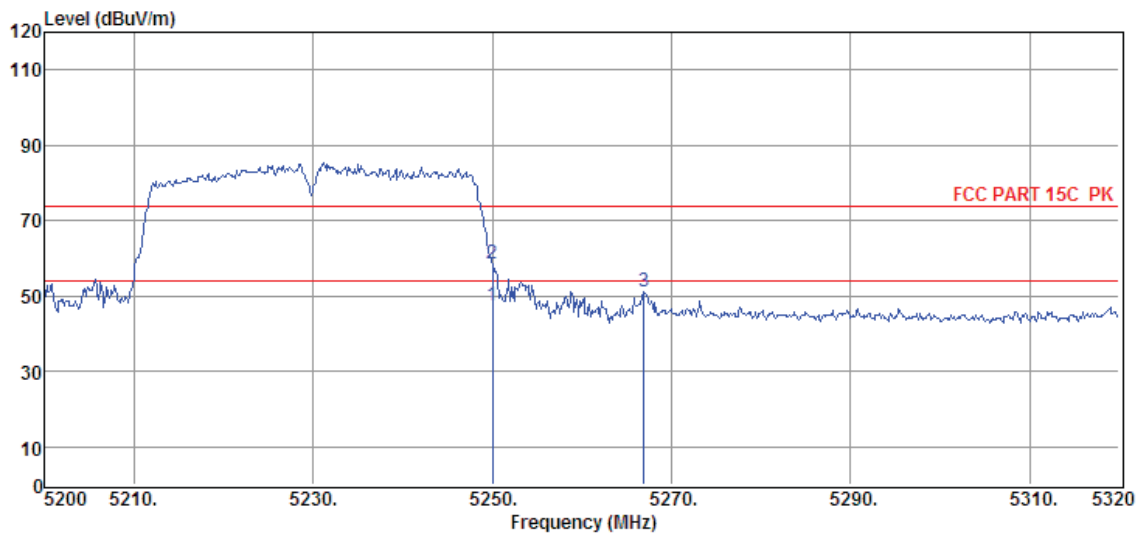
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5230MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 69



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 33.75                   | 34.21                       | 29.32               | 8.93                | 47.57                       | 54.00                     | -6.43                 | Average  | HORIZONTAL   |
| 2              | 5250.00        | 44.75                   | 34.21                       | 29.32               | 8.93                | 58.57                       | 74.00                     | -15.43                | Peak     | HORIZONTAL   |
| 3              | 5266.96        | 37.33                   | 34.25                       | 29.32               | 8.96                | 51.22                       | 74.00                     | -22.78                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

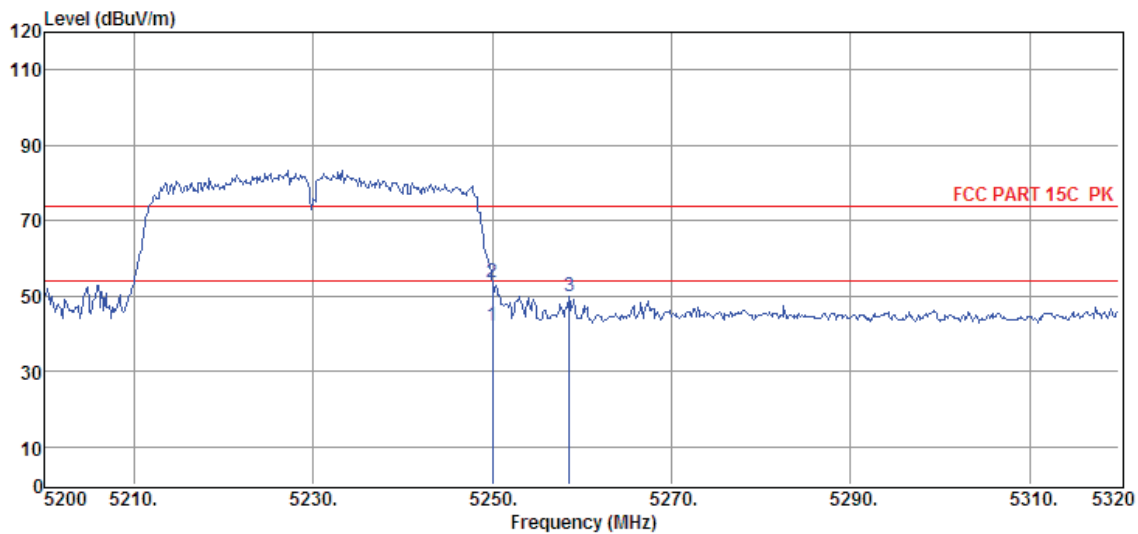
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5230MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 70



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 28.36                   | 34.21                       | 29.32               | 8.93                | 42.18                       | 54.00                     | -11.82                | Average  | VERTICAL     |
| 2              | 5250.00        | 39.74                   | 34.21                       | 29.32               | 8.93                | 53.56                       | 74.00                     | -20.44                | Peak     | VERTICAL     |
| 3              | 5258.56        | 36.23                   | 34.23                       | 29.32               | 8.93                | 50.07                       | 74.00                     | -23.93                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

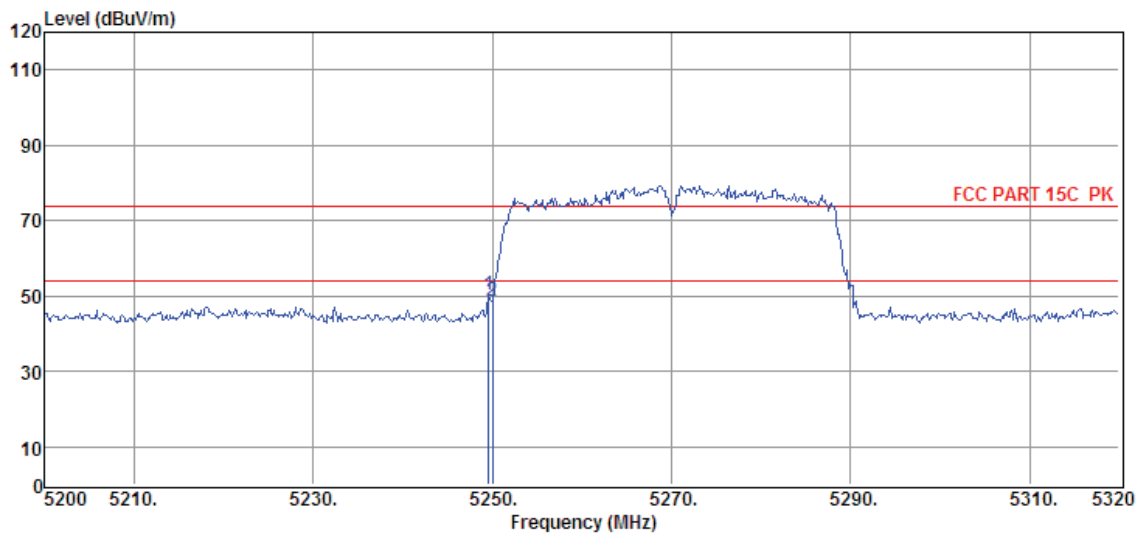
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5270MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 71



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5249.56        | 36.34                   | 34.21                       | 29.32               | 8.93                | 50.16                       | 74.00                     | -23.84                | Peak     | VERTICAL     |
| 2              | 5250.00        | 35.02                   | 34.21                       | 29.32               | 8.93                | 48.84                       | 74.00                     | -25.16                | Peak     | VERTICAL     |

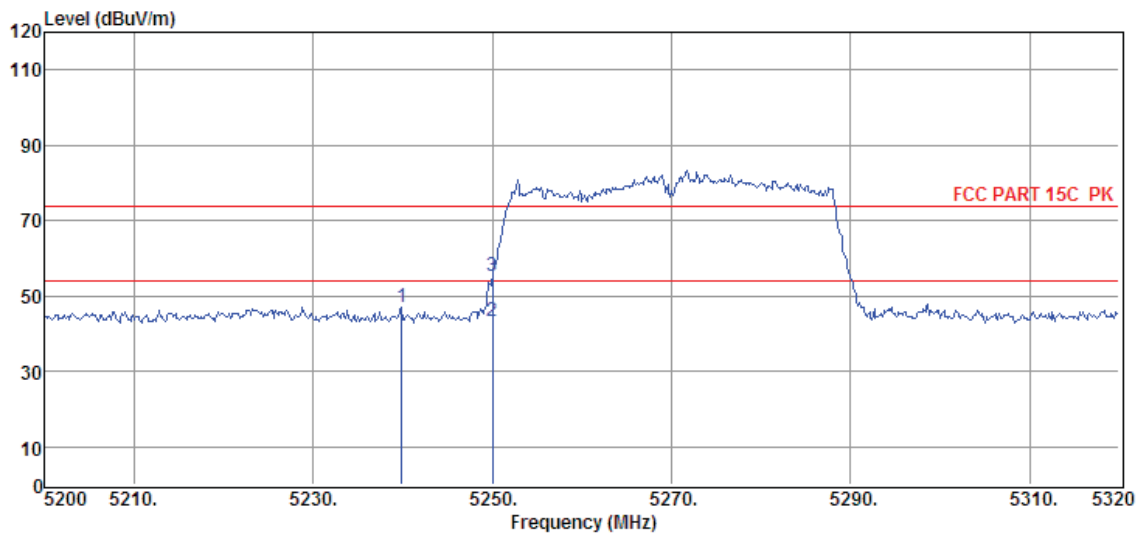
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5270MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 72



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5239.84        | 33.09                   | 34.19                       | 29.32               | 8.93                | 46.89                       | 74.00                     | -27.11                | Peak     | HORIZONTAL   |
| 2              | 5250.00        | 29.28                   | 34.21                       | 29.32               | 8.93                | 43.10                       | 54.00                     | -10.90                | Average  | HORIZONTAL   |
| 3              | 5250.00        | 41.28                   | 34.21                       | 29.32               | 8.93                | 55.10                       | 74.00                     | -18.90                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

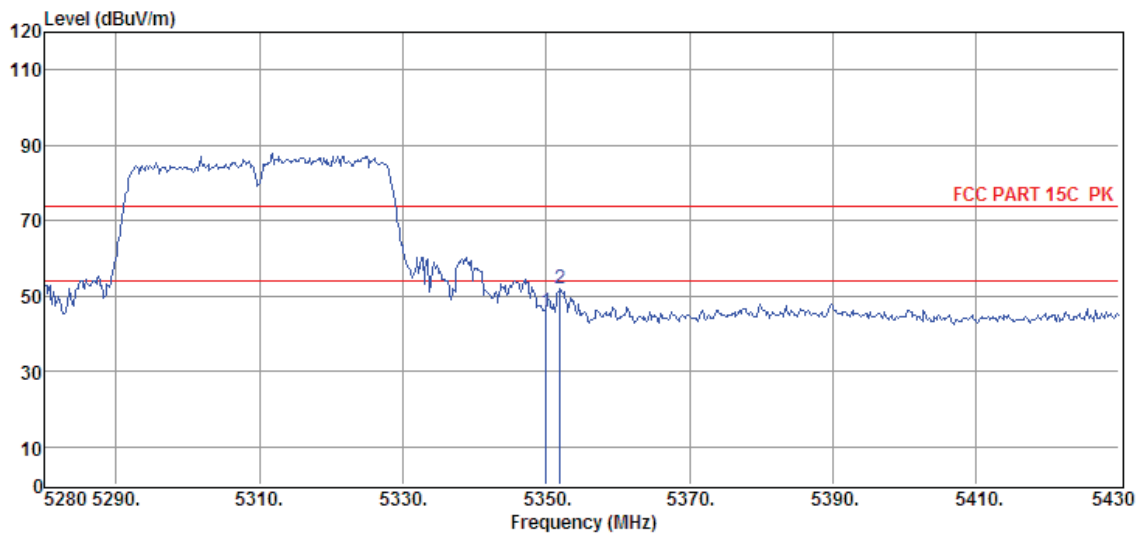
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                            |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|----------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                            |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                    |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                   |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                  |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/HORIZONTAL |
| <b>Memo</b>         | : 11n40 5310MHz                           |                                                                     |                            |

Data: 73



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 31.54                   | 34.41                       | 29.30               | 9.03                | 45.68                       | 74.00                     | -28.32                | Peak     | HORIZONTAL   |
| 2              | 5352.00        | 37.91                   | 34.41                       | 29.30               | 9.03                | 52.05                       | 74.00                     | -21.95                | Peak     | HORIZONTAL   |

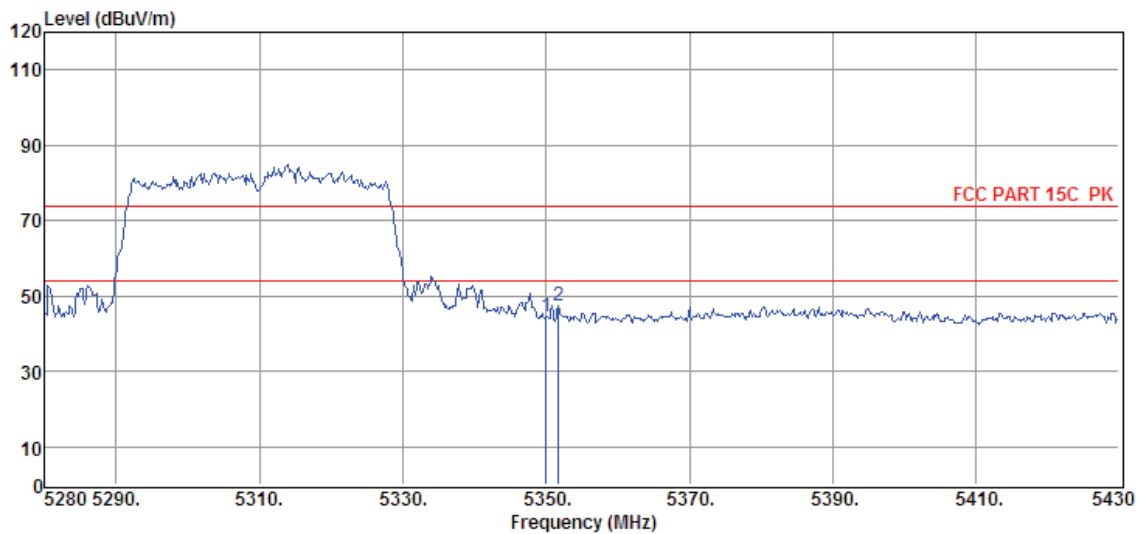
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5310MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 74



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 30.51                   | 34.41                       | 29.30               | 9.03                | 44.65                       | 74.00                     | -29.35                | Peak     | VERTICAL     |
| 2              | 5351.70        | 33.43                   | 34.41                       | 29.30               | 9.03                | 47.57                       | 74.00                     | -26.43                | Peak     | VERTICAL     |

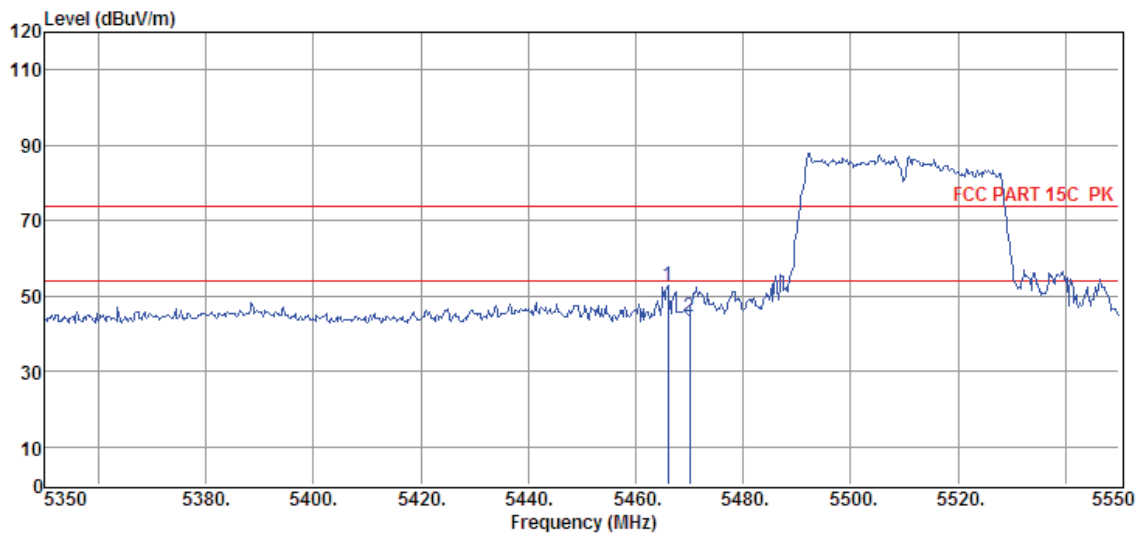
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5510MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 75



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5466.00        | 38.34                   | 34.63                       | 29.27               | 9.16                | 52.86                       | 74.00                     | -21.14                | Peak     | HORIZONTAL   |
| 2              | 5470.00        | 30.10                   | 34.64                       | 29.27               | 9.16                | 44.63                       | 74.00                     | -29.37                | Peak     | HORIZONTAL   |

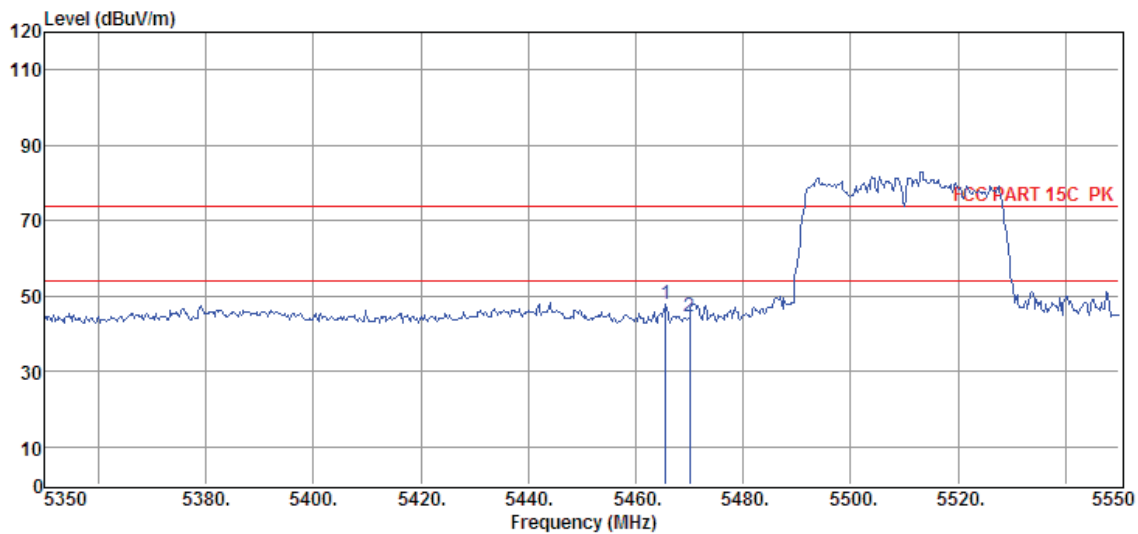
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
Press:100.1kPa  
**Memo** : 11n40 5510MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 76



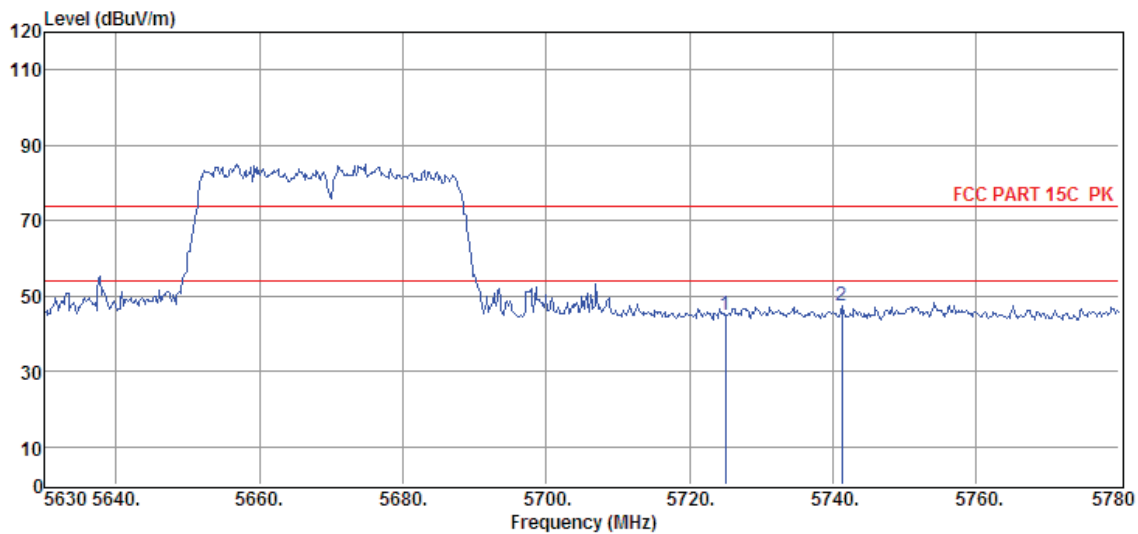
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5465.60        | 33.19                   | 34.63                       | 29.27               | 9.16                | 47.71                       | 74.00                     | -26.29                | Peak     | VERTICAL     |
| 2              | 5470.00        | 29.87                   | 34.64                       | 29.27               | 9.16                | 44.40                       | 74.00                     | -29.60                | Peak     | VERTICAL     |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                          |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                          |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                  |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                 |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/VERTICAL |
| <b>Memo</b>         | : 11n40 5670MHz                           |                                                                     |                          |

Data: 77



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 30.02                   | 34.84                       | 29.22               | 9.41                | 45.05                       | 74.00                     | -28.95                | Peak     | VERTICAL     |
| 2              | 5741.30        | 32.25                   | 34.85                       | 29.21               | 9.43                | 47.32                       | 74.00                     | -26.68                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

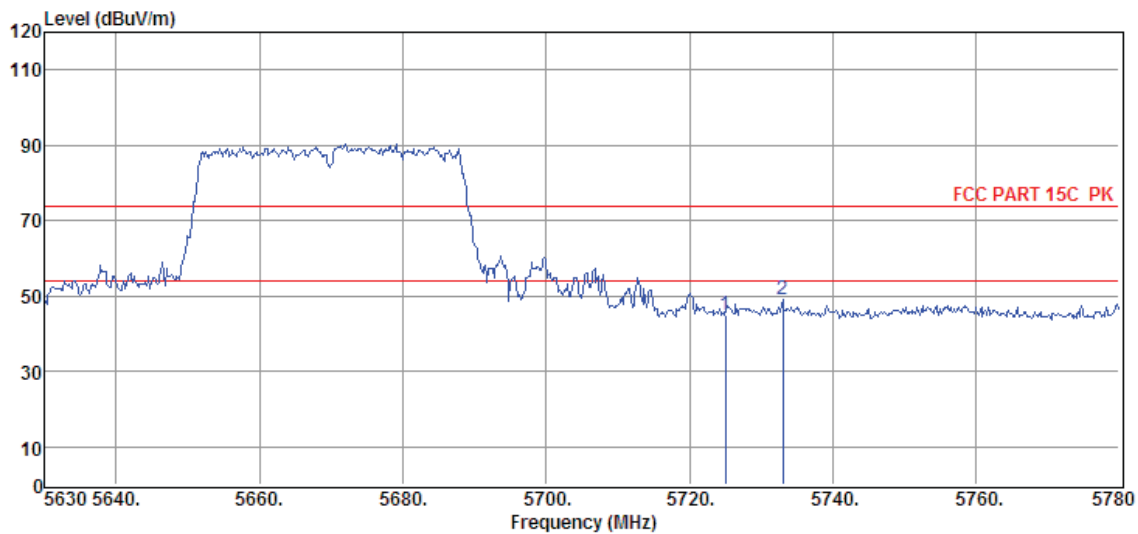
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                            |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|----------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                            |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                    |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                   |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                  |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/HORIZONTAL |
| <b>Memo</b>         | : 11n40 5670MHz                           |                                                                     |                            |

Data: 78



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 29.78                   | 34.84                       | 29.22               | 9.41                | 44.81                       | 74.00                     | -29.19                | Peak     | HORIZONTAL   |
| 2              | 5733.05        | 34.02                   | 34.84                       | 29.21               | 9.41                | 49.06                       | 74.00                     | -24.94                | Peak     | HORIZONTAL   |

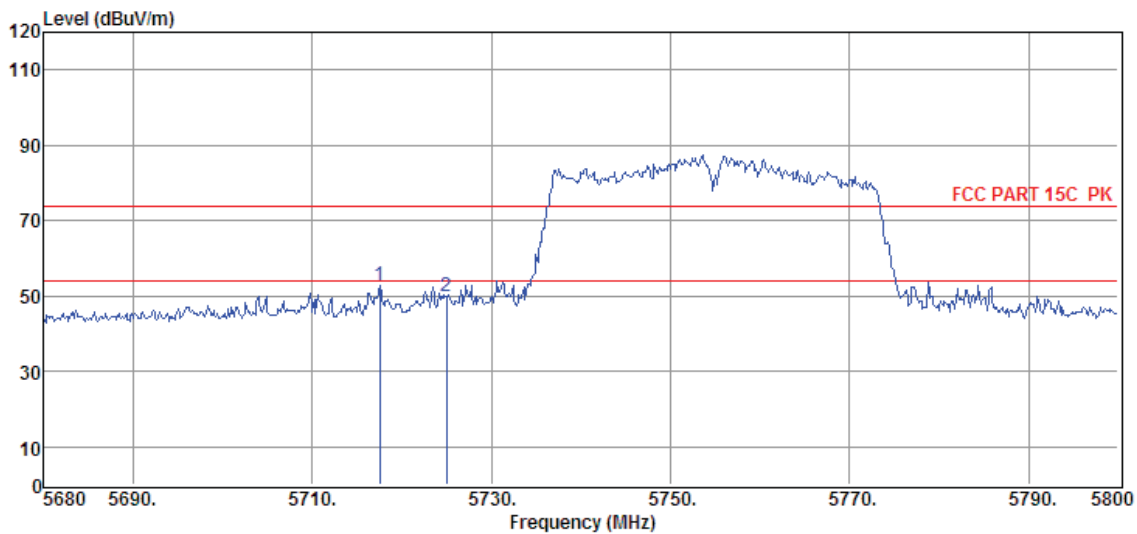
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5755MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 79



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5717.56        | 37.66                   | 34.83                       | 29.22               | 9.41                | 52.68                       | 74.00                     | -21.32                | Peak     | VERTICAL     |
| 2              | 5725.00        | 35.01                   | 34.84                       | 29.22               | 9.41                | 50.04                       | 74.00                     | -23.96                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

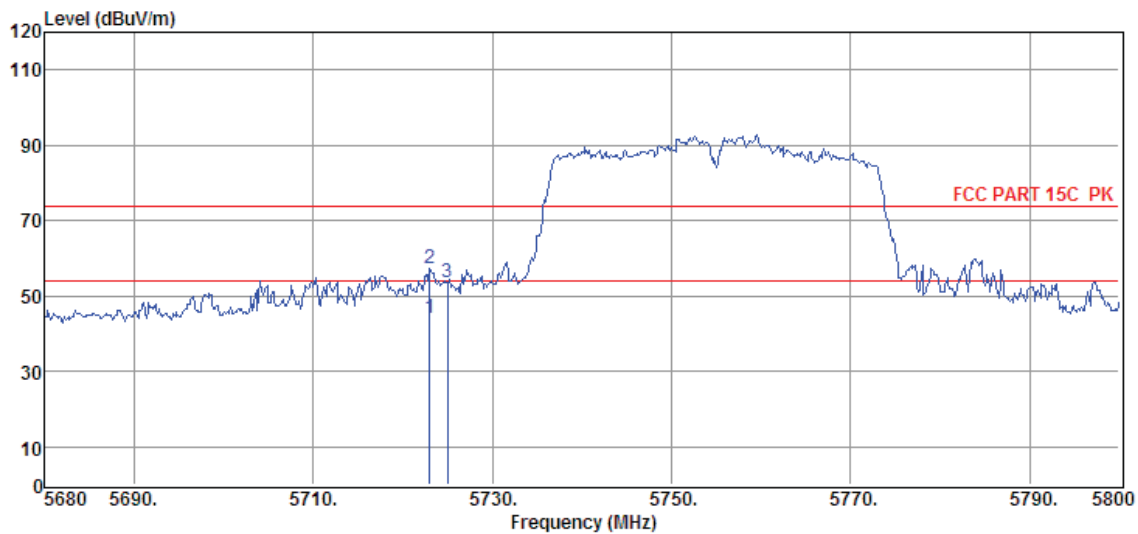
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5755MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 80



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5722.96        | 29.29                   | 34.84                       | 29.22               | 9.41                | 44.32                       | 54.00                     | -9.68                 | Average  | HORIZONTAL   |
| 2              | 5722.96        | 42.29                   | 34.84                       | 29.22               | 9.41                | 57.32                       | 74.00                     | -16.68                | Peak     | HORIZONTAL   |
| 3              | 5725.00        | 38.61                   | 34.84                       | 29.22               | 9.41                | 53.64                       | 74.00                     | -20.36                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

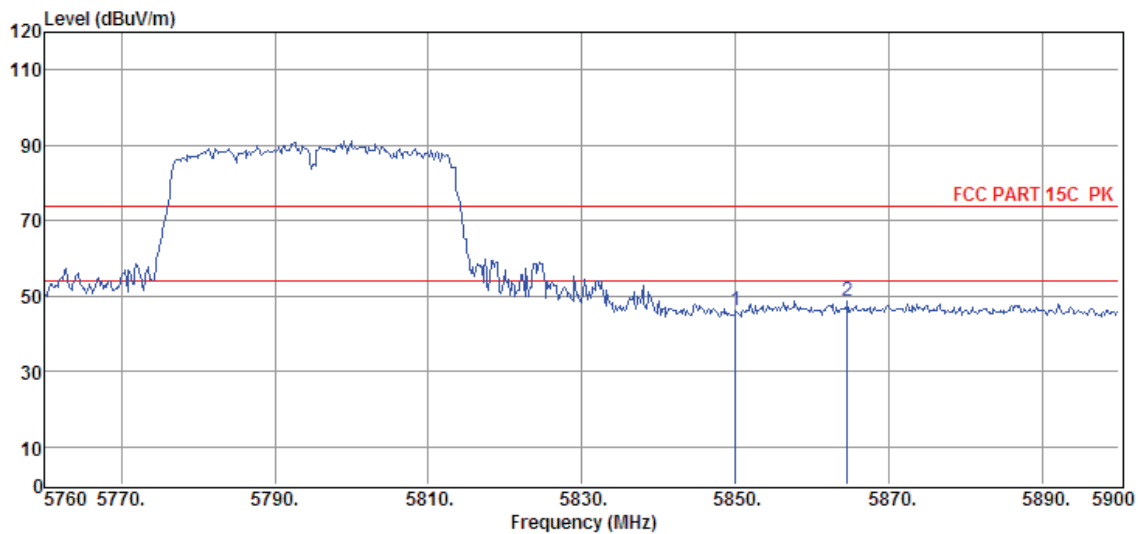
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5795MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 81



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 30.75                   | 34.91                       | 29.20               | 9.54                | 46.00                       | 74.00                     | -28.00                | Peak     | HORIZONTAL   |
| 2              | 5864.58        | 33.33                   | 34.92                       | 29.20               | 9.56                | 48.61                       | 74.00                     | -25.39                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

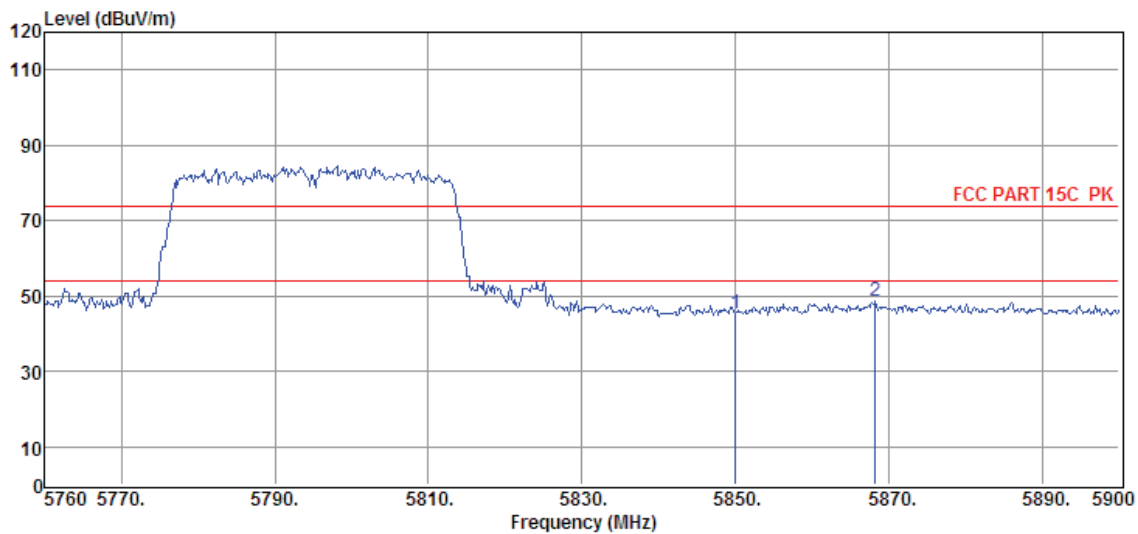
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11n40 5795MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 82



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 30.12                   | 34.91                       | 29.20               | 9.54                | 45.37                       | 74.00                     | -28.63                | Peak     | VERTICAL     |
| 2              | 5868.22        | 33.47                   | 34.92                       | 29.20               | 9.56                | 48.75                       | 74.00                     | -25.25                | Peak     | VERTICAL     |

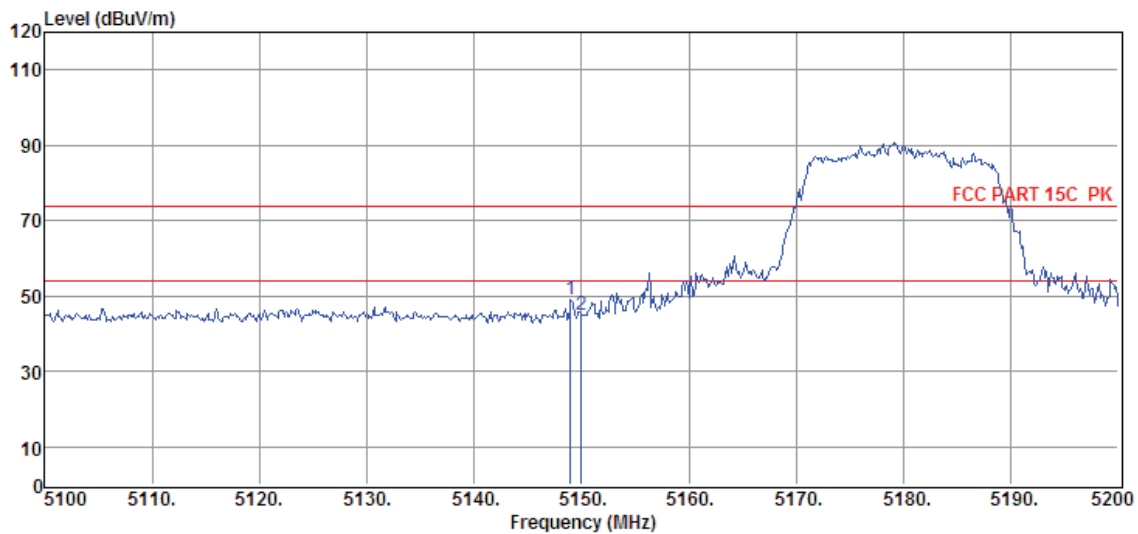
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5180MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 83



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5149.00        | 35.39                   | 34.01                       | 29.33               | 8.84                | 48.91                       | 74.00                     | -25.09                | Peak     | VERTICAL     |
| 2              | 5150.00        | 31.49                   | 34.01                       | 29.33               | 8.84                | 45.01                       | 74.00                     | -28.99                | Peak     | VERTICAL     |

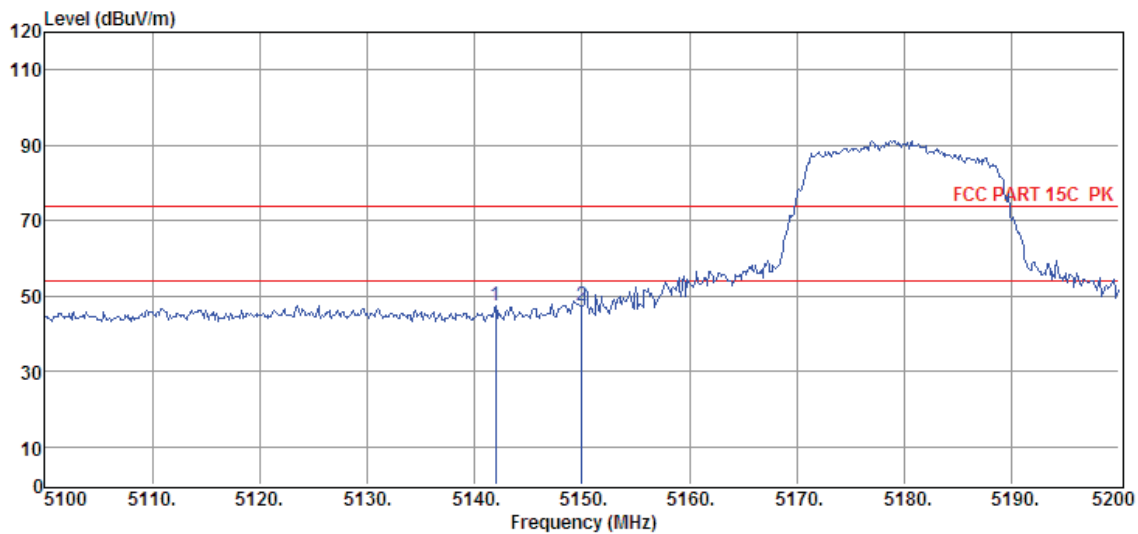
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
Press:100.1kPa  
**Memo** : 11ac20 5180MH

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 84



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5142.00        | 34.11                   | 33.99                       | 29.33               | 8.84                | 47.61                       | 74.00                     | -26.39                | Peak     | HORIZONTAL   |
| 2              | 5150.00        | 33.81                   | 34.01                       | 29.33               | 8.84                | 47.33                       | 74.00                     | -26.67                | Peak     | HORIZONTAL   |

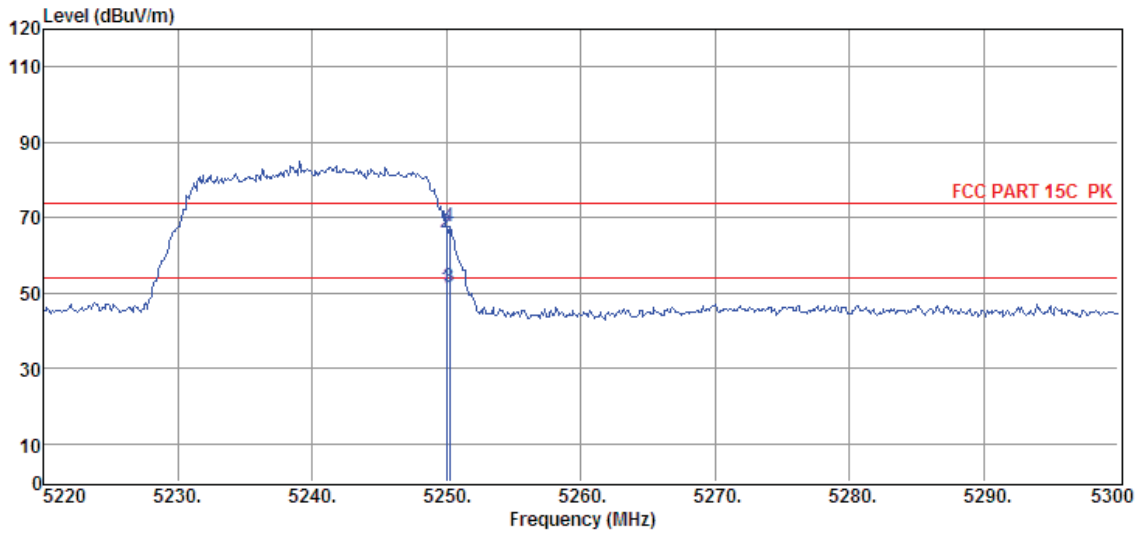
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5240MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode P12  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 87



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 37.12                   | 34.21                       | 29.32               | 8.93                | 50.94                       | 54.00                     | -3.06                 | Average  | HORIZONTAL   |
| 2              | 5250.00        | 52.12                   | 34.21                       | 29.32               | 8.93                | 65.94                       | 74.00                     | -8.06                 | Peak     | HORIZONTAL   |
| 3              | 5250.24        | 36.64                   | 34.21                       | 29.32               | 8.93                | 50.46                       | 54.00                     | -3.54                 | Average  | HORIZONTAL   |
| 4              | 5250.24        | 53.64                   | 34.21                       | 29.32               | 8.93                | 67.46                       | 74.00                     | -6.54                 | Peak     | HORIZONTAL   |

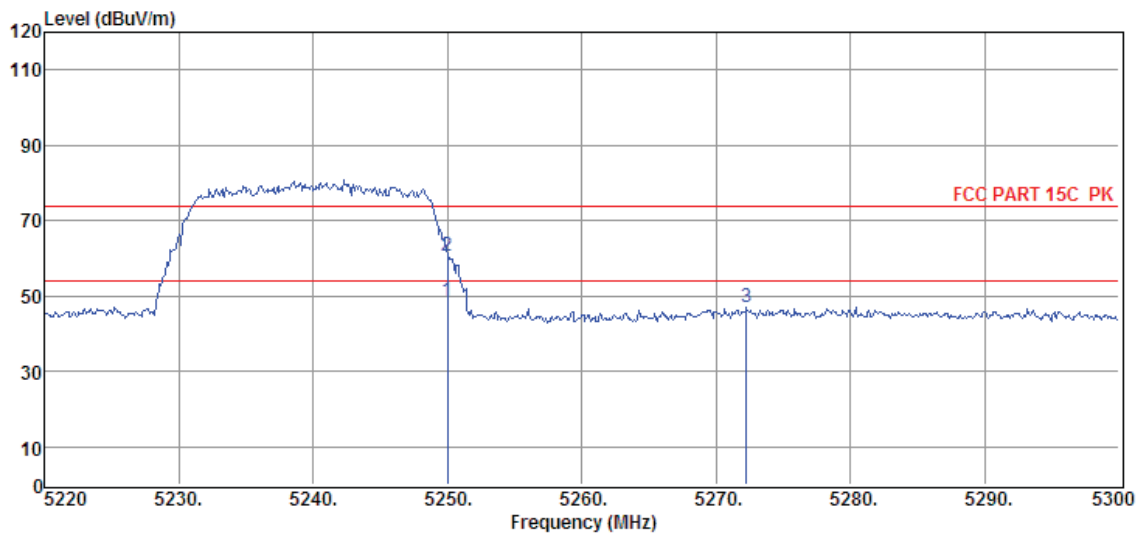
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5240MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode P12  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 88



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 34.97                   | 34.21                       | 29.32               | 8.93                | 48.79                       | 54.00                     | -5.21                 | Average  | VERTICAL     |
| 2              | 5250.00        | 46.97                   | 34.21                       | 29.32               | 8.93                | 60.79                       | 74.00                     | -13.21                | Peak     | VERTICAL     |
| 3              | 5272.24        | 33.28                   | 34.26                       | 29.32               | 8.96                | 47.18                       | 74.00                     | -26.82                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

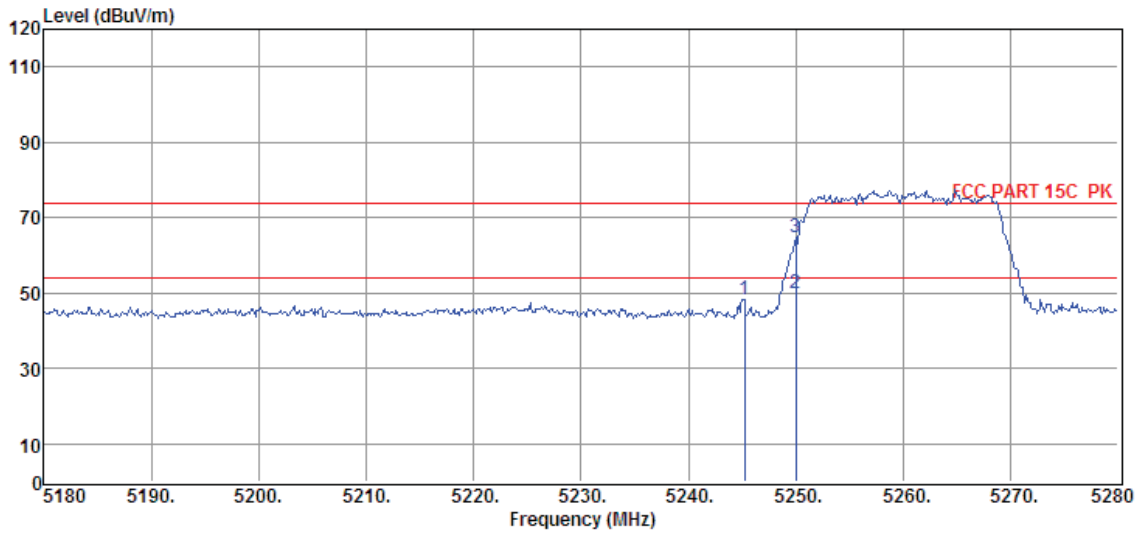
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                          |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                          |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                  |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                 |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode P12            |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/VERTICAL |
| <b>Memo</b>         | : 11ac20 5260MHz                          |                                                                     |                          |

Data: 89



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5245.20        | 34.51                   | 34.20                       | 29.32               | 8.93                | 48.32                       | 74.00                     | -25.68                | Peak     | VERTICAL     |
| 2              | 5250.00        | 36.11                   | 34.21                       | 29.32               | 8.93                | 49.93                       | 54.00                     | -4.07                 | Average  | VERTICAL     |
| 3              | 5250.00        | 51.11                   | 34.21                       | 29.32               | 8.93                | 64.93                       | 74.00                     | -9.07                 | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

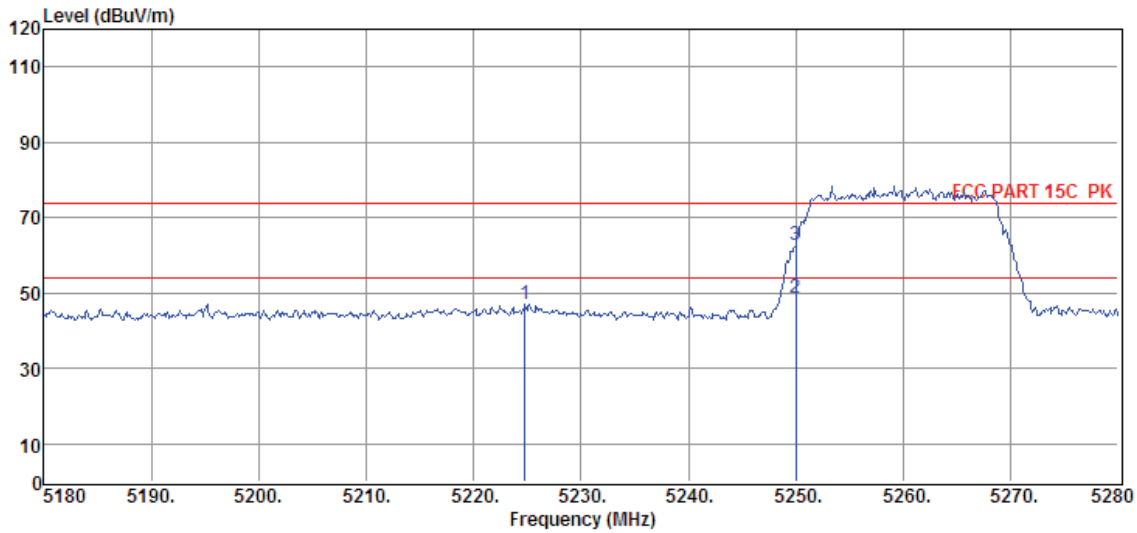
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5260MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode P12  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 90



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5224.80        | 33.11                   | 34.16                       | 29.32               | 8.91                | 46.86                       | 74.00                     | -27.14                | Peak     | HORIZONTAL   |
| 2              | 5250.00        | 34.97                   | 34.21                       | 29.32               | 8.93                | 48.79                       | 54.00                     | -5.21                 | Average  | HORIZONTAL   |
| 3              | 5250.00        | 48.97                   | 34.21                       | 29.32               | 8.93                | 62.79                       | 74.00                     | -11.21                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

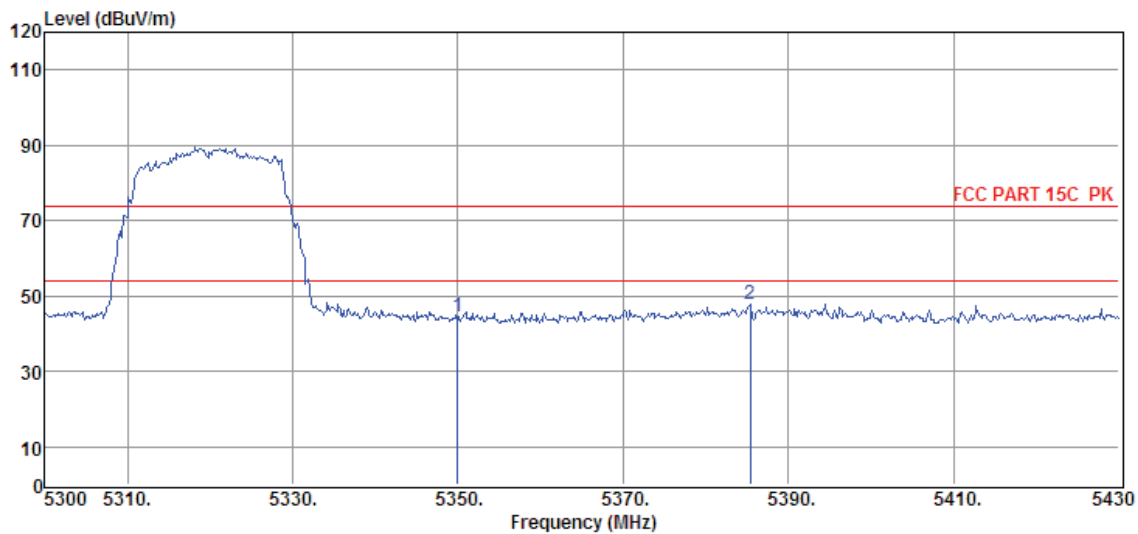
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
Press:100.1kPa  
**Memo** : 11ac20 5320MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 91



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 30.20                   | 34.41                       | 29.30               | 9.03                | 44.34                       | 74.00                     | -29.66                | Peak     | HORIZONTAL   |
| 2              | 5385.41        | 33.40                   | 34.48                       | 29.30               | 9.05                | 47.63                       | 74.00                     | -26.37                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

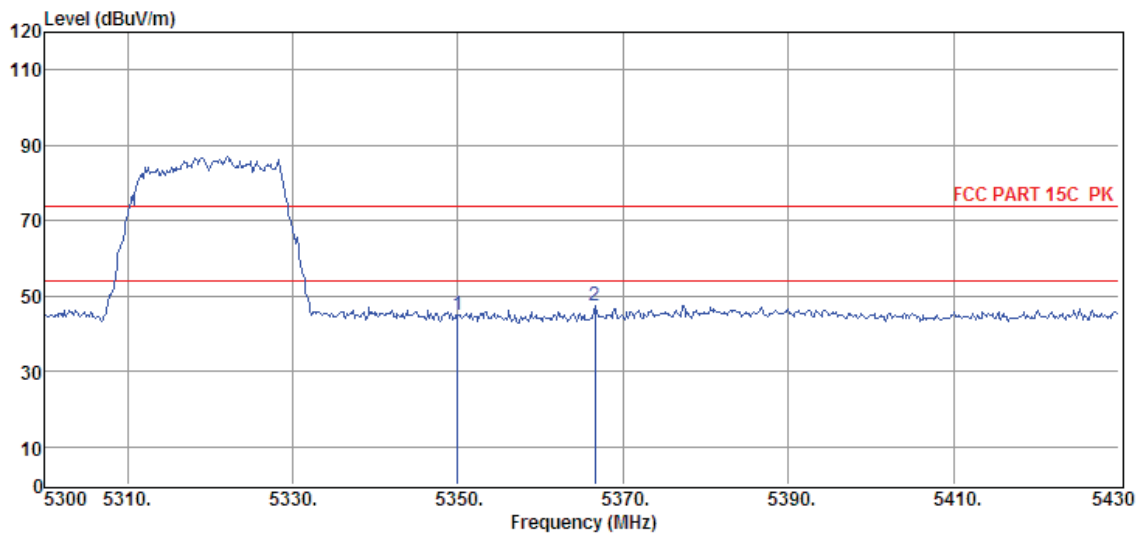
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5320MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 92



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 30.72                   | 34.41                       | 29.30               | 9.03                | 44.86                       | 74.00                     | -29.14                | Peak     | VERTICAL     |
| 2              | 5366.56        | 33.25                   | 34.44                       | 29.30               | 9.05                | 47.44                       | 74.00                     | -26.56                | Peak     | VERTICAL     |

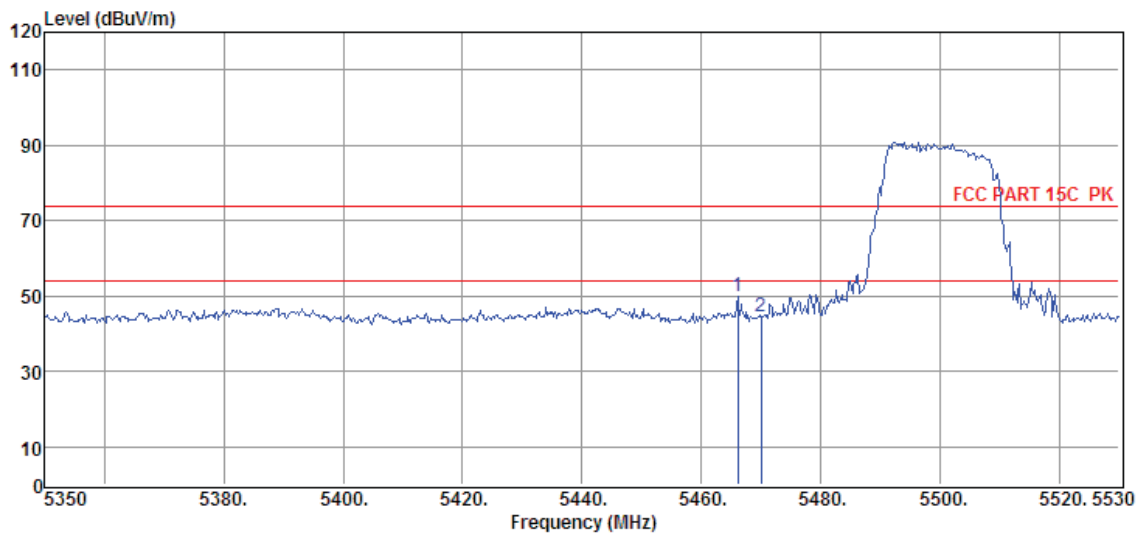
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5500MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 93



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5466.10        | 35.38                   | 34.64                       | 29.27               | 9.16                | 49.91                       | 74.00                     | -24.09                | Peak     | HORIZONTAL   |
| 2              | 5470.00        | 30.16                   | 34.64                       | 29.27               | 9.16                | 44.69                       | 74.00                     | -29.31                | Peak     | HORIZONTAL   |

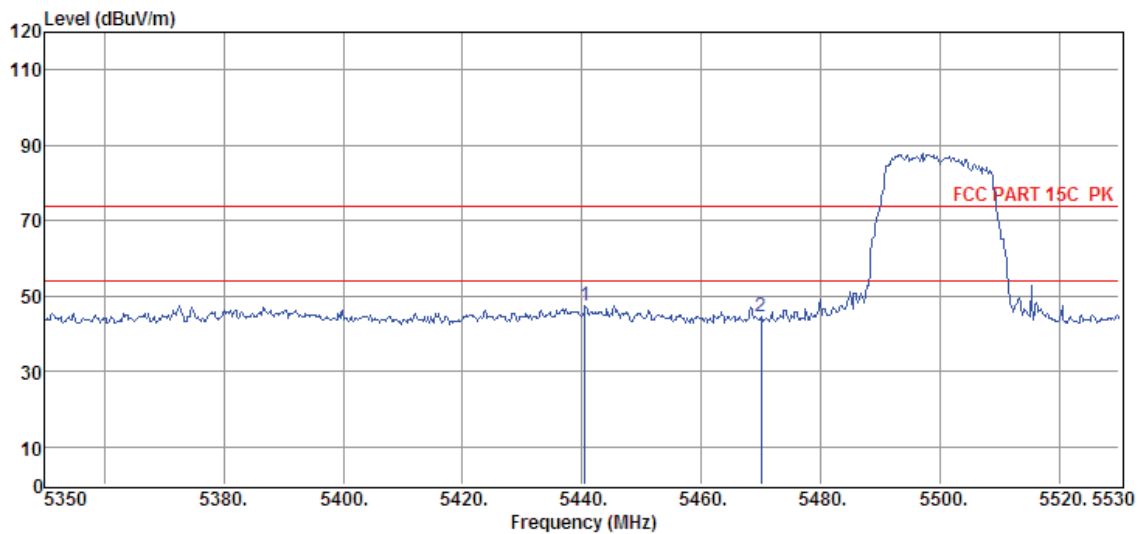
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5500MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 94



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5440.54        | 33.15                   | 34.59                       | 29.28               | 9.14                | 47.60                       | 74.00                     | -26.40                | Peak     | HORIZONTAL   |
| 2              | 5470.00        | 30.07                   | 34.64                       | 29.27               | 9.16                | 44.60                       | 74.00                     | -29.40                | Peak     | HORIZONTAL   |

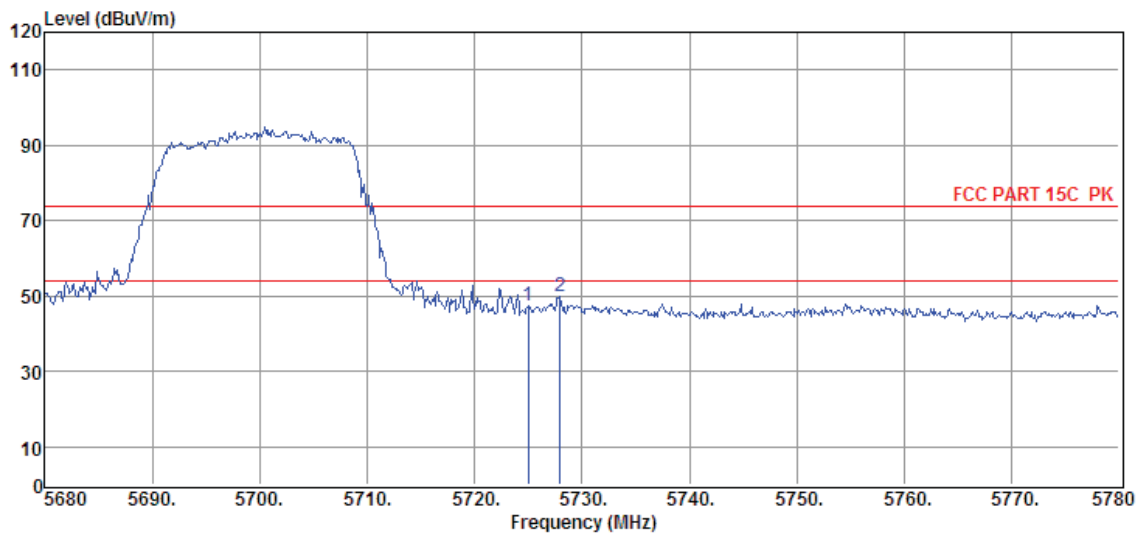
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5700MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 95



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 32.29                   | 34.84                       | 29.22               | 9.41                | 47.32                       | 74.00                     | -26.68                | Peak     | HORIZONTAL   |
| 2              | 5728.00        | 35.05                   | 34.84                       | 29.22               | 9.41                | 50.08                       | 74.00                     | -23.92                | Peak     | HORIZONTAL   |

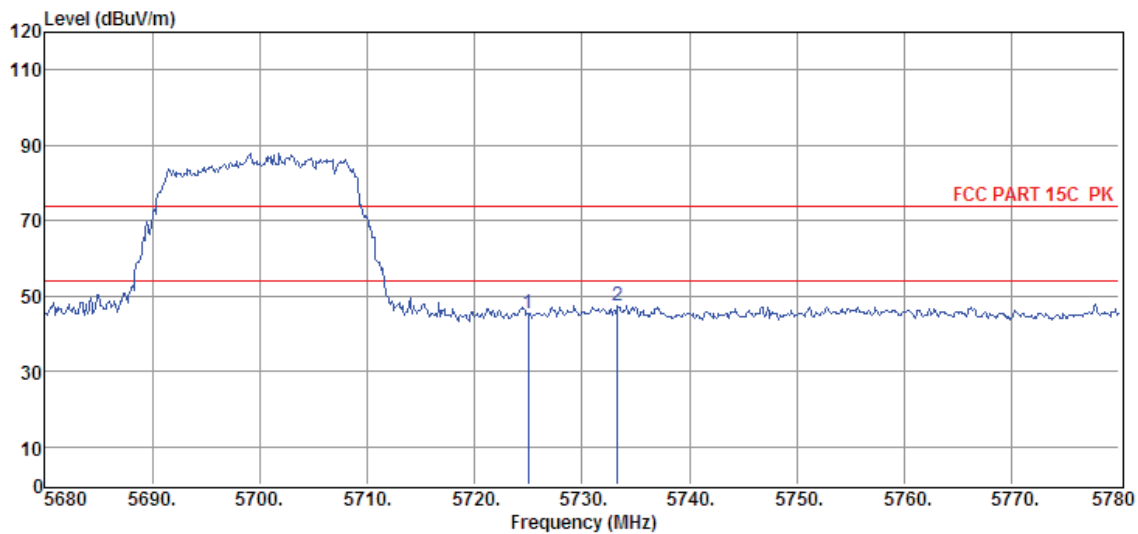
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5700MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 96



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 30.19                   | 34.84                       | 29.22               | 9.41                | 45.22                       | 74.00                     | -28.78                | Peak     | VERTICAL     |
| 2              | 5733.30        | 32.22                   | 34.84                       | 29.21               | 9.41                | 47.26                       | 74.00                     | -26.74                | Peak     | VERTICAL     |

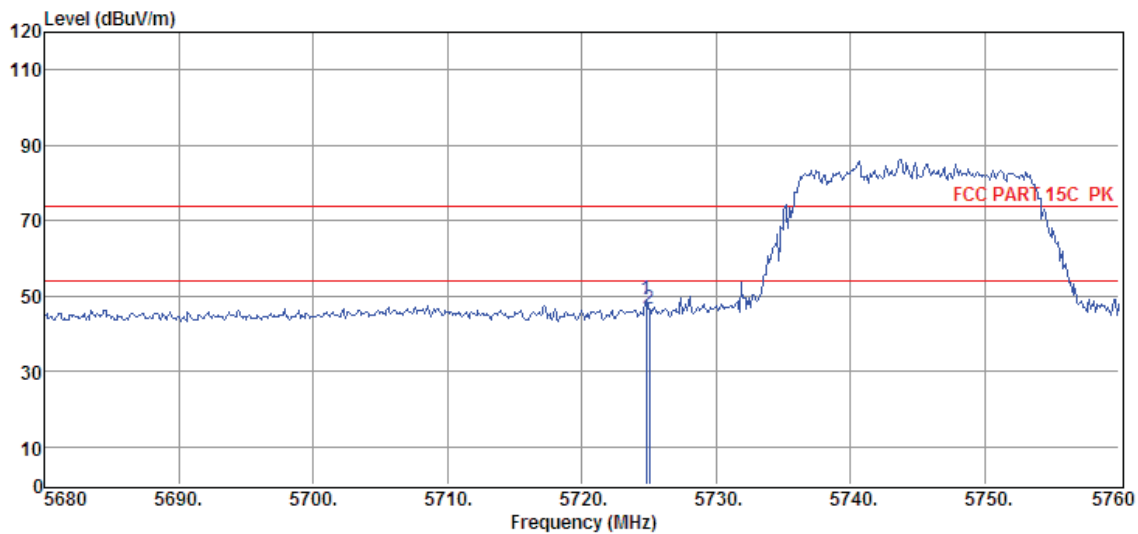
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-03  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5745MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 97



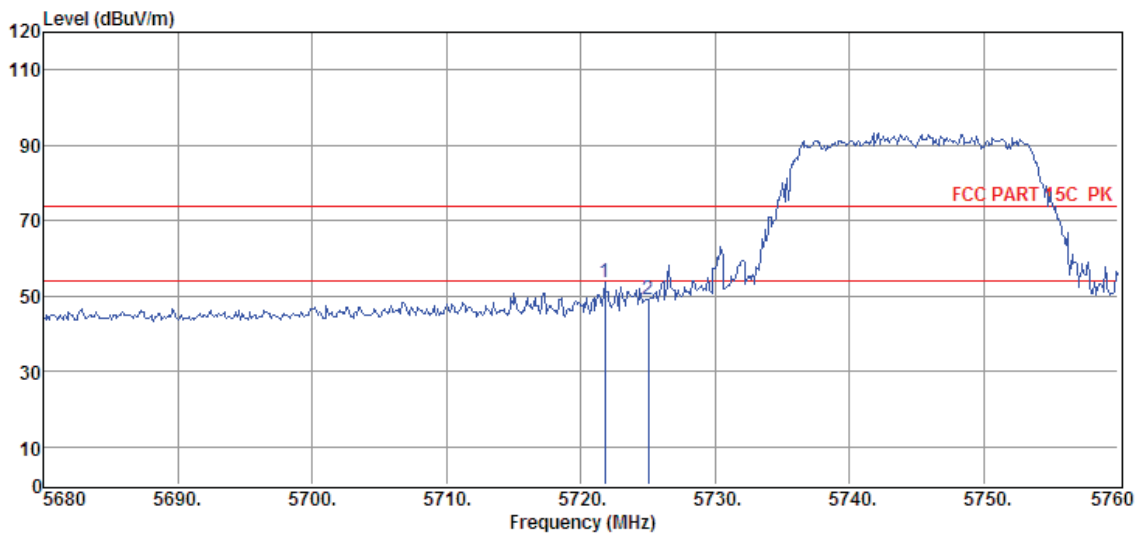
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5724.80        | 34.22                   | 34.84                       | 29.22               | 9.41                | 49.25                       | 74.00                     | -24.75                | Peak     | VERTICAL     |
| 2              | 5725.00        | 31.55                   | 34.84                       | 29.22               | 9.41                | 46.58                       | 74.00                     | -27.42                | Peak     | VERTICAL     |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                            |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|----------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                            |
| <b>Test Date</b>    | : 2017-09-03                              | <b>Tested By</b>                                                    | : Sunny                    |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                   |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                  |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/HORIZONTAL |
| <b>Memo</b>         | : 11ac20 5745MHz                          |                                                                     |                            |

Data: 98



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5721.76        | 38.74                   | 34.84                       | 29.22               | 9.41                | 53.77                       | 74.00                     | -20.23                | Peak     | HORIZONTAL   |
| 2              | 5725.00        | 34.20                   | 34.84                       | 29.22               | 9.41                | 49.23                       | 74.00                     | -24.77                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

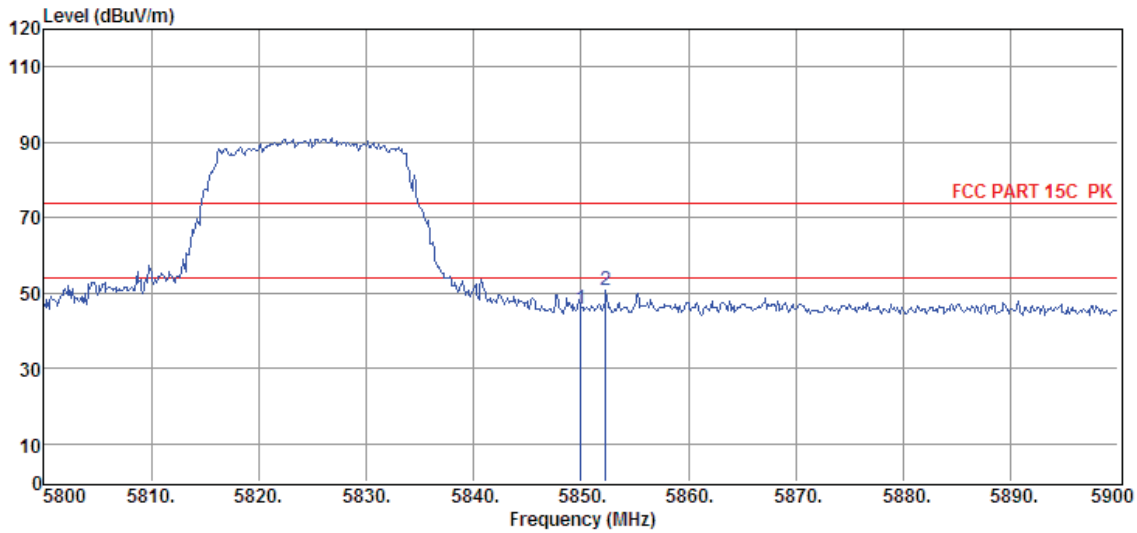
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5825MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 99



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 30.49                   | 34.91                       | 29.20               | 9.54                | 45.74                       | 74.00                     | -28.26                | Peak     | HORIZONTAL   |
| 2              | 5852.30        | 35.27                   | 34.91                       | 29.20               | 9.54                | 50.52                       | 74.00                     | -23.48                | Peak     | HORIZONTAL   |

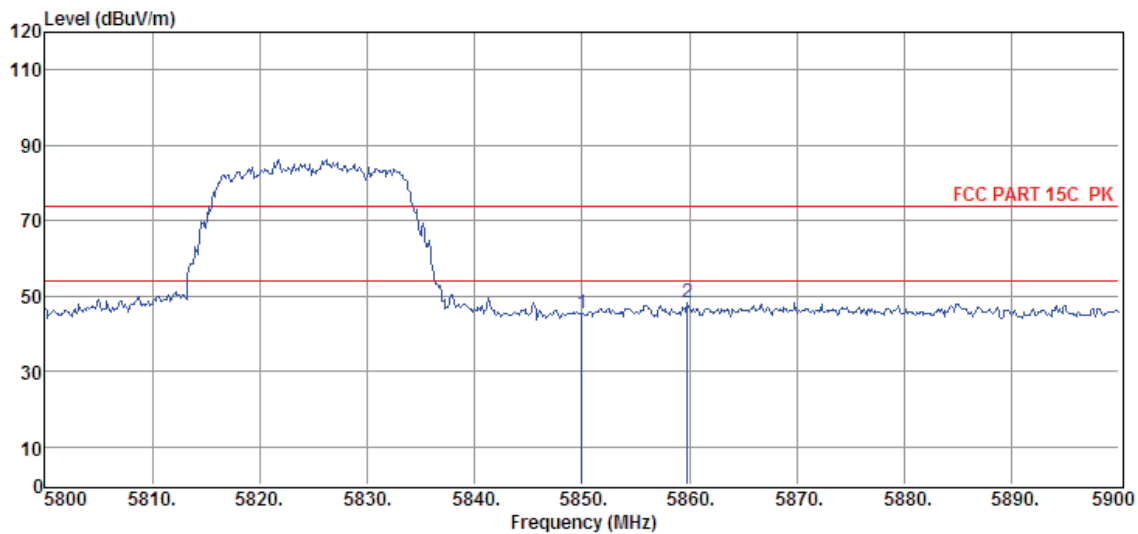
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac20 5825MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 100



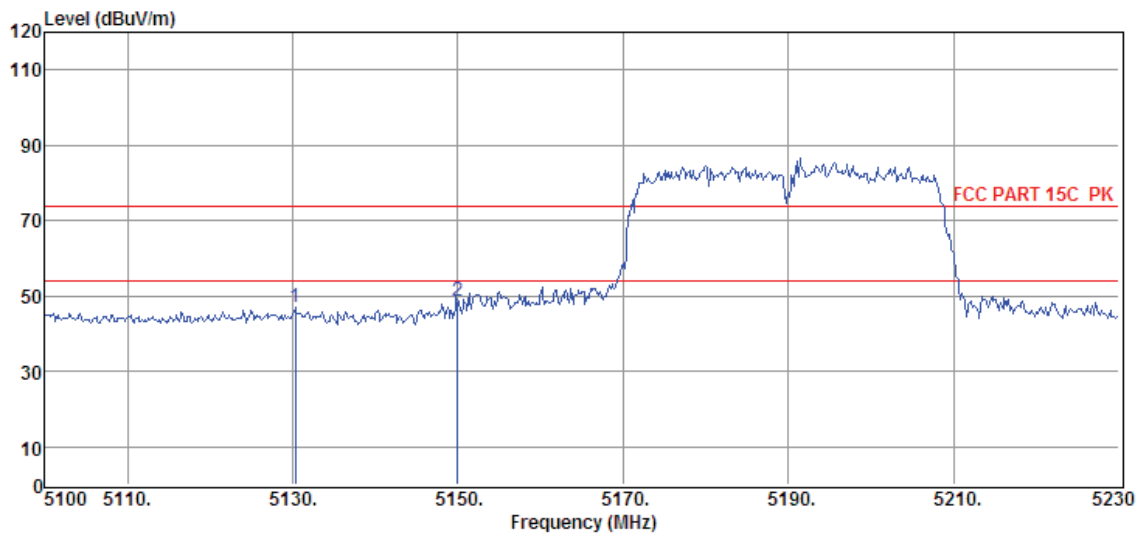
| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 30.19                   | 34.91                       | 29.20               | 9.54                | 45.44                       | 74.00                     | -28.56                | Peak     | VERTICAL     |
| 2              | 5859.80        | 32.96                   | 34.92                       | 29.20               | 9.54                | 48.22                       | 74.00                     | -25.78                | Peak     | VERTICAL     |

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                     |                                           |                                                                     |                          |
|---------------------|-------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <b>Test Site</b>    | : DDT 3m Chamber 1#                       | D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6 |                          |
| <b>Test Date</b>    | : 2017-09-06                              | <b>Tested By</b>                                                    | : Sunny                  |
| <b>EUT</b>          | : Wireless Speaker                        | <b>Model Number</b>                                                 | : ALLURE                 |
| <b>Power Supply</b> | : AC 120V/60Hz                            | <b>Test Mode</b>                                                    | : TX mode                |
| <b>Condition</b>    | : Temp:24.5'C,Humi:55%,<br>Press:100.1kPa | <b>Antenna/Distance</b>                                             | : 2016 HF907/3m/VERTICAL |
| <b>Memo</b>         | : 11ac40 5190MHz                          |                                                                     |                          |

Data: 101



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5130.29        | 33.68                   | 33.97                       | 29.34               | 8.80                | 47.11                       | 74.00                     | -26.89                | Peak     | VERTICAL     |
| 2              | 5150.00        | 35.04                   | 34.01                       | 29.33               | 8.84                | 48.56                       | 74.00                     | -25.44                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

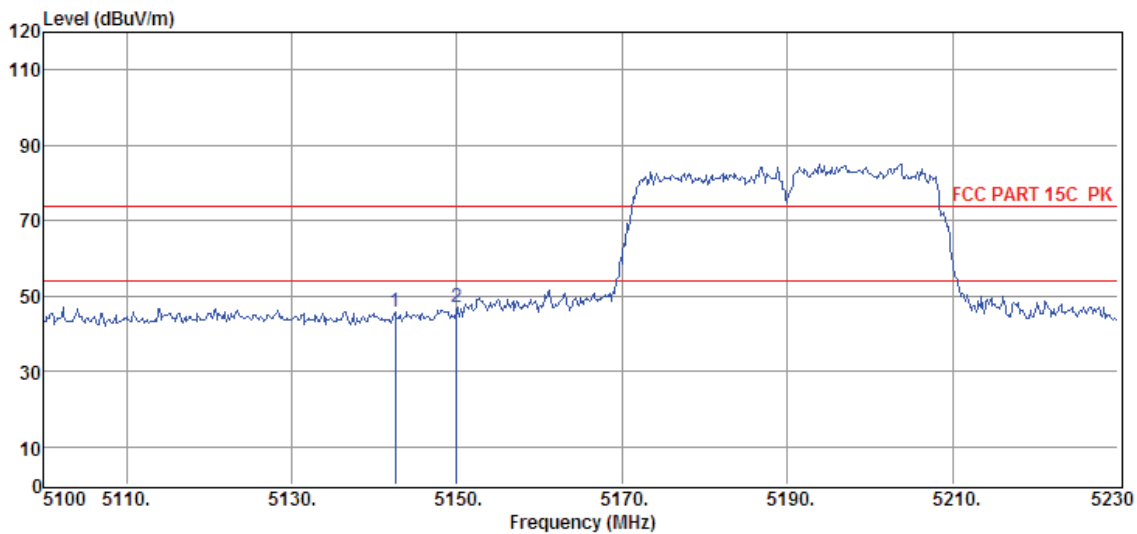
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5190MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 102



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5142.51        | 32.31                   | 33.99                       | 29.33               | 8.84                | 45.81                       | 74.00                     | -28.19                | Peak     | HORIZONTAL   |
| 2              | 5150.00        | 33.29                   | 34.01                       | 29.33               | 8.84                | 46.81                       | 74.00                     | -27.19                | Peak     | HORIZONTAL   |

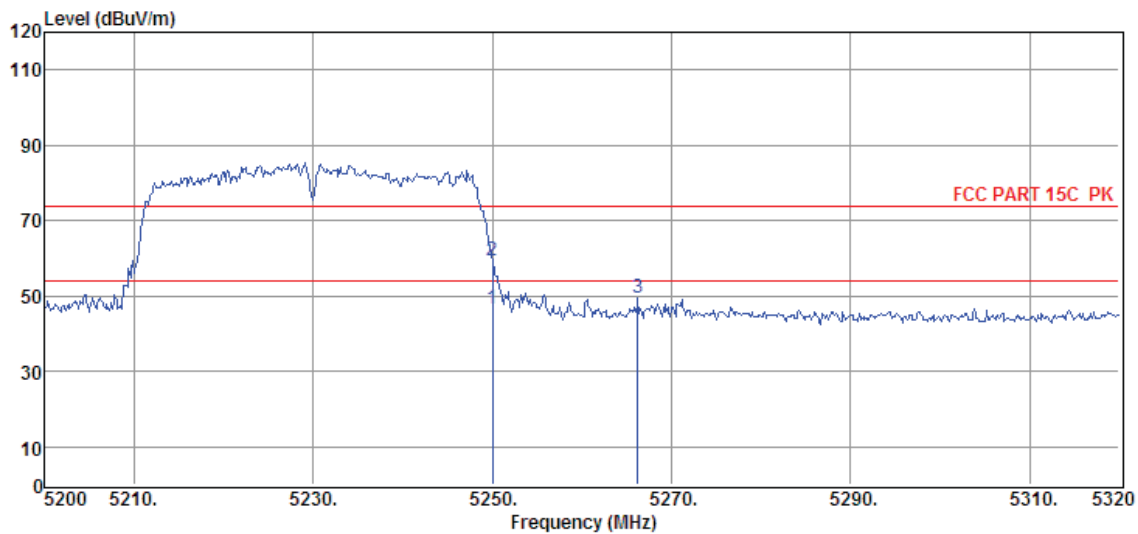
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5230MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 103



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 32.73                   | 34.21                       | 29.32               | 8.93                | 46.55                       | 54.00                     | -7.45                 | Average  | HORIZONTAL   |
| 2              | 5250.00        | 45.73                   | 34.21                       | 29.32               | 8.93                | 59.55                       | 74.00                     | -14.45                | Peak     | HORIZONTAL   |
| 3              | 5266.24        | 35.79                   | 34.24                       | 29.32               | 8.96                | 49.67                       | 74.00                     | -24.33                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

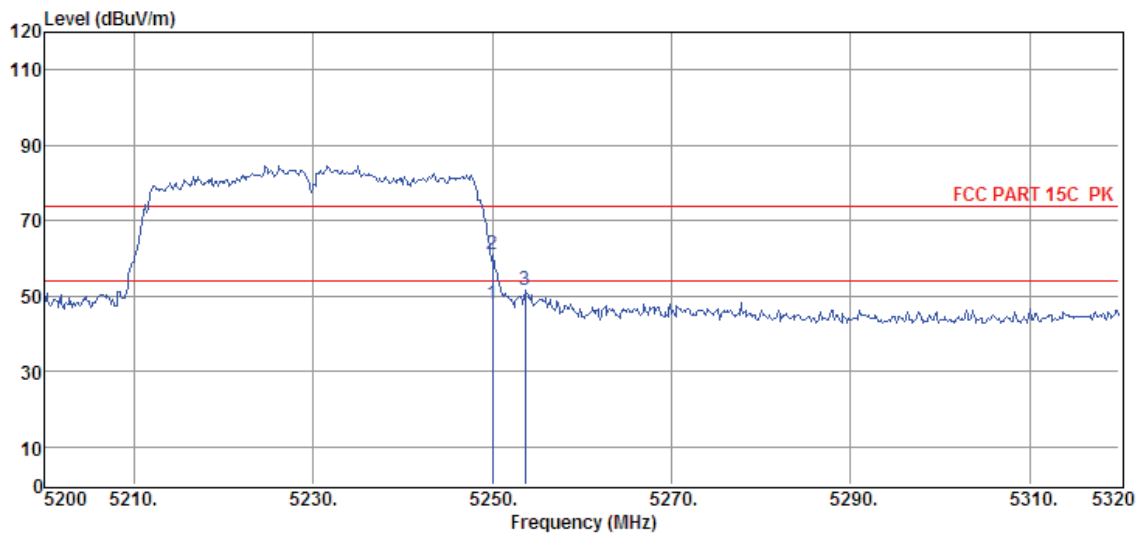
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5230MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 104



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5250.00        | 34.17                   | 34.21                       | 29.32               | 8.93                | 47.99                       | 54.00                     | -6.01                 | Average  | VERTICAL     |
| 2              | 5250.00        | 47.17                   | 34.21                       | 29.32               | 8.93                | 60.99                       | 74.00                     | -13.01                | Peak     | VERTICAL     |
| 3              | 5253.64        | 37.57                   | 34.22                       | 29.32               | 8.93                | 51.40                       | 74.00                     | -22.60                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

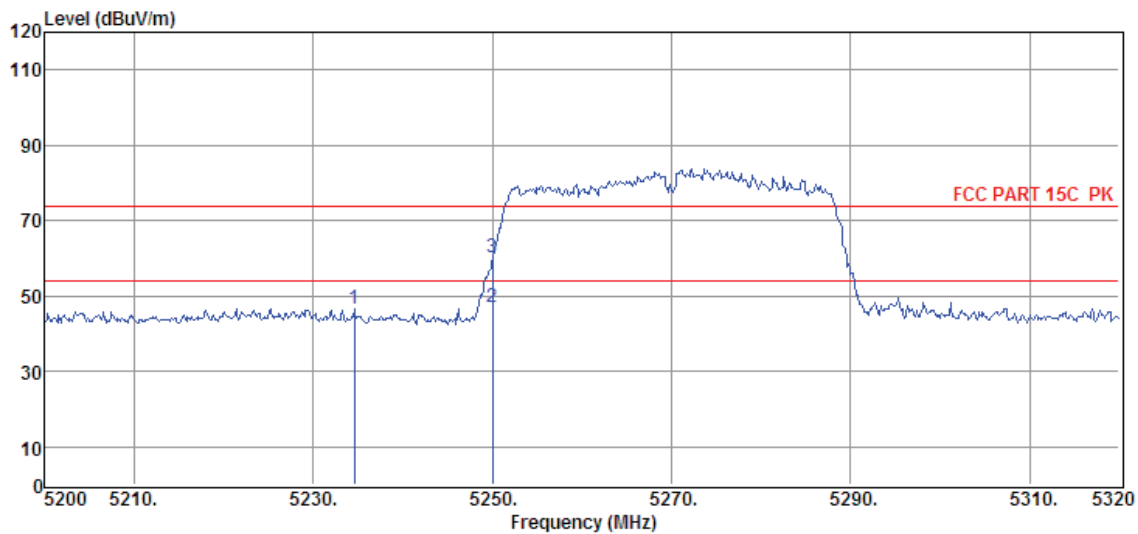
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5270MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 105



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5234.56        | 32.97                   | 34.18                       | 29.32               | 8.91                | 46.74                       | 74.00                     | -27.26                | Peak     | VERTICAL     |
| 2              | 5250.00        | 33.33                   | 34.21                       | 29.32               | 8.93                | 47.15                       | 54.00                     | -6.85                 | Average  | VERTICAL     |
| 3              | 5250.00        | 46.33                   | 34.21                       | 29.32               | 8.93                | 60.15                       | 74.00                     | -13.85                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

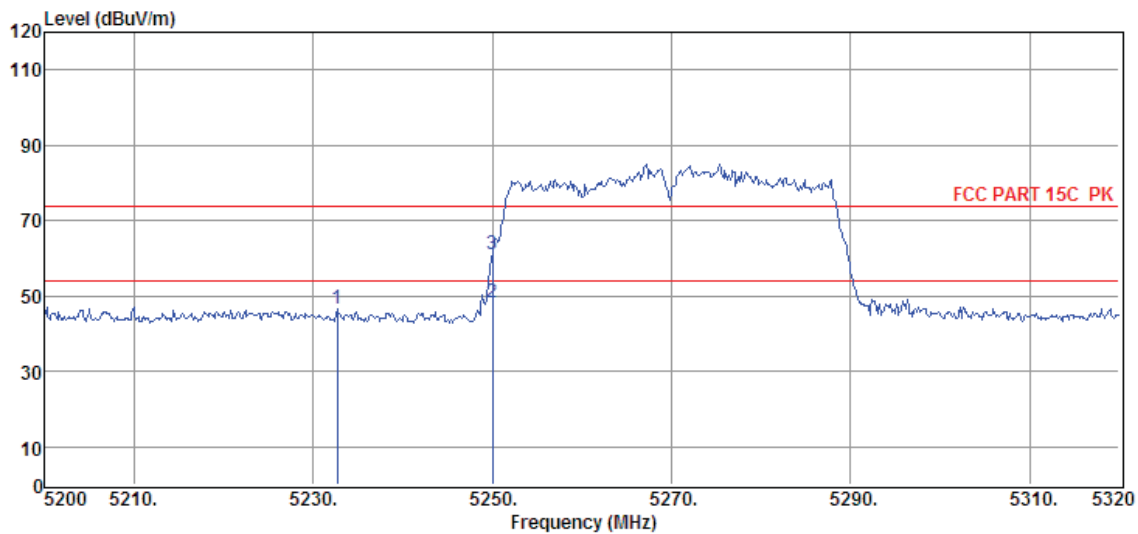
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5270MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 106



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5232.64        | 32.71                   | 34.18                       | 29.32               | 8.91                | 46.48                       | 74.00                     | -27.52                | Peak     | HORIZONTAL   |
| 2              | 5250.00        | 34.39                   | 34.21                       | 29.32               | 8.93                | 48.21                       | 54.00                     | -5.79                 | Average  | HORIZONTAL   |
| 3              | 5250.00        | 47.39                   | 34.21                       | 29.32               | 8.93                | 61.21                       | 74.00                     | -12.79                | Peak     | HORIZONTAL   |

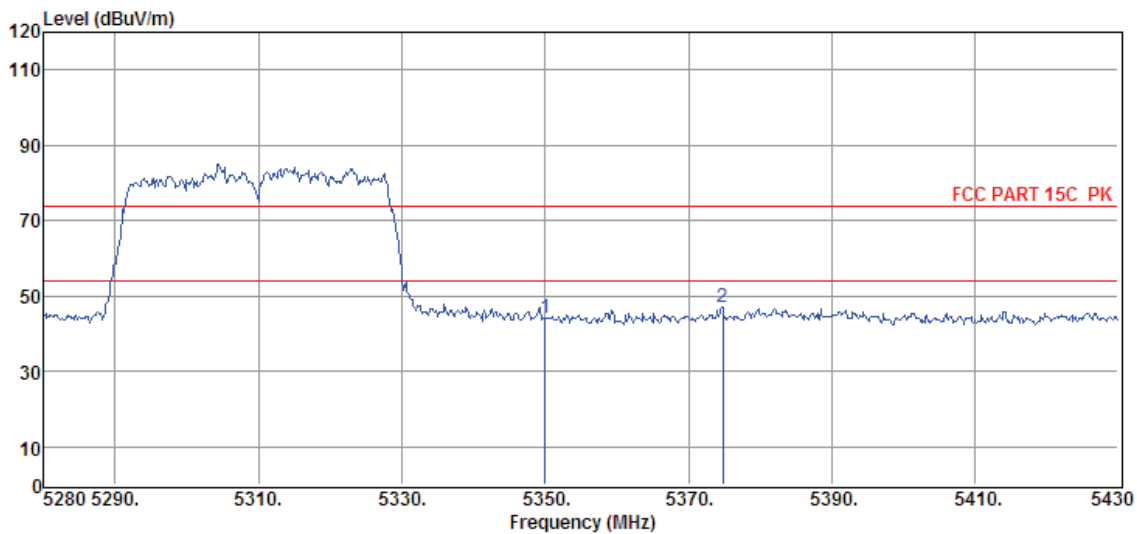
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5310MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 107



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 29.81                   | 34.41                       | 29.30               | 9.03                | 43.95                       | 74.00                     | -30.05                | Peak     | HORIZONTAL   |
| 2              | 5374.80        | 32.96                   | 34.46                       | 29.30               | 9.05                | 47.17                       | 74.00                     | -26.83                | Peak     | HORIZONTAL   |

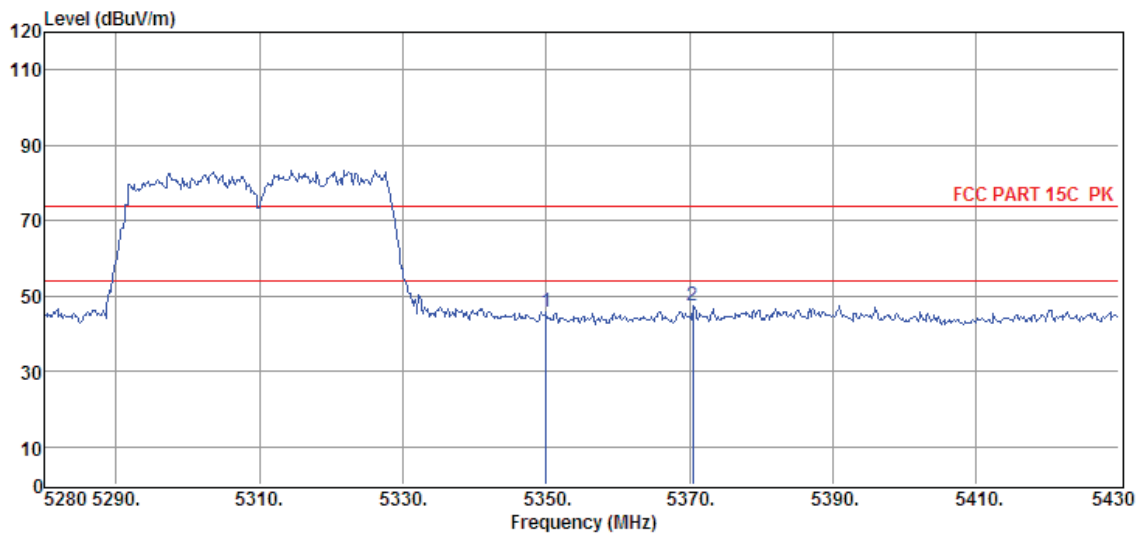
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5310MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 108



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5350.00        | 31.59                   | 34.41                       | 29.30               | 9.03                | 45.73                       | 74.00                     | -28.27                | Peak     | VERTICAL     |
| 2              | 5370.45        | 33.13                   | 34.45                       | 29.30               | 9.05                | 47.33                       | 74.00                     | -26.67                | Peak     | VERTICAL     |

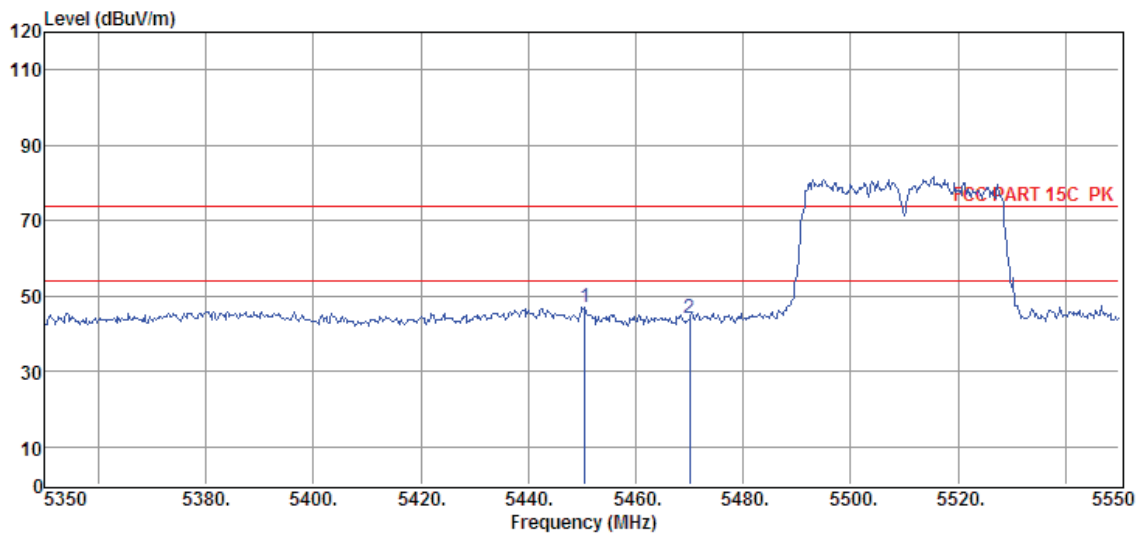
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5510MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 109



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5450.60        | 32.52                   | 34.61                       | 29.28               | 9.14                | 46.99                       | 74.00                     | -27.01                | Peak     | VERTICAL     |
| 2              | 5470.00        | 29.53                   | 34.64                       | 29.27               | 9.16                | 44.06                       | 74.00                     | -29.94                | Peak     | VERTICAL     |

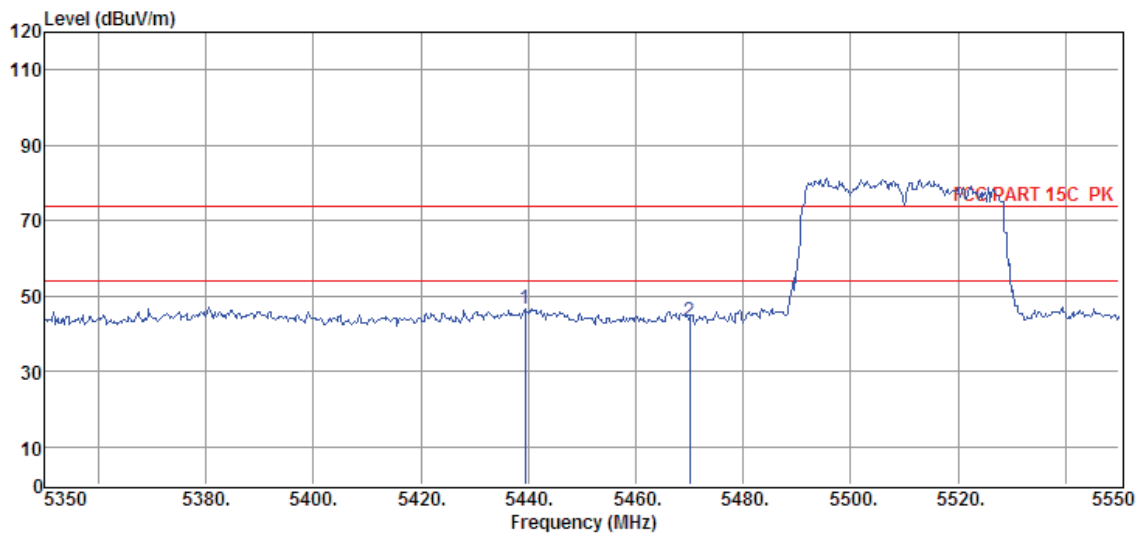
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5510MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 110



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5439.40        | 32.20                   | 34.58                       | 29.28               | 9.14                | 46.64                       | 74.00                     | -27.36                | Peak     | HORIZONTAL   |
| 2              | 5470.00        | 28.71                   | 34.64                       | 29.27               | 9.16                | 43.24                       | 74.00                     | -30.76                | Peak     | HORIZONTAL   |

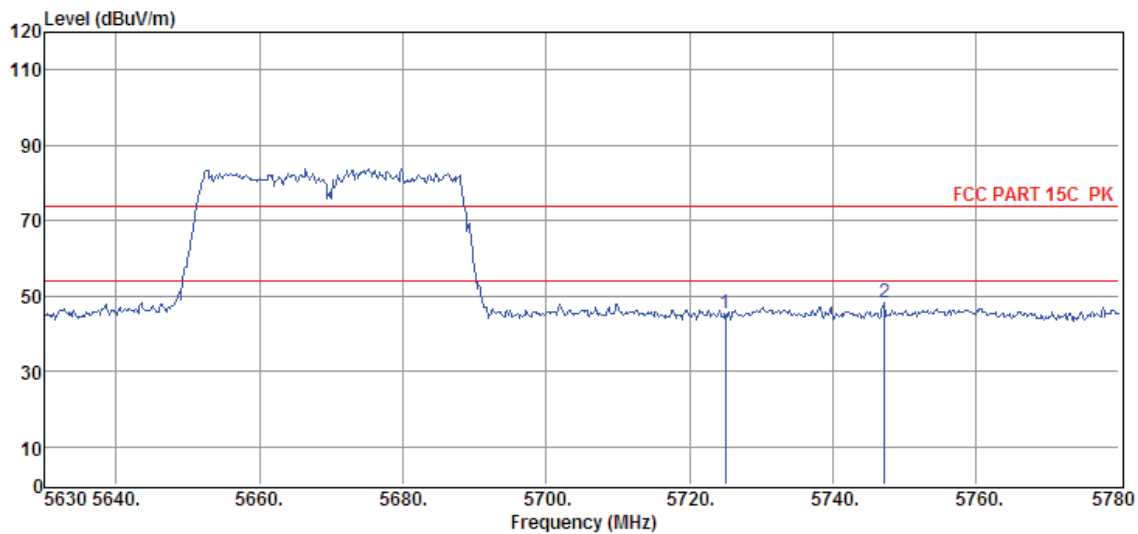
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5670MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 111



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 30.47                   | 34.84                       | 29.22               | 9.41                | 45.50                       | 74.00                     | -28.50                | Peak     | HORIZONTAL   |
| 2              | 5747.30        | 33.38                   | 34.85                       | 29.21               | 9.43                | 48.45                       | 74.00                     | -25.55                | Peak     | HORIZONTAL   |

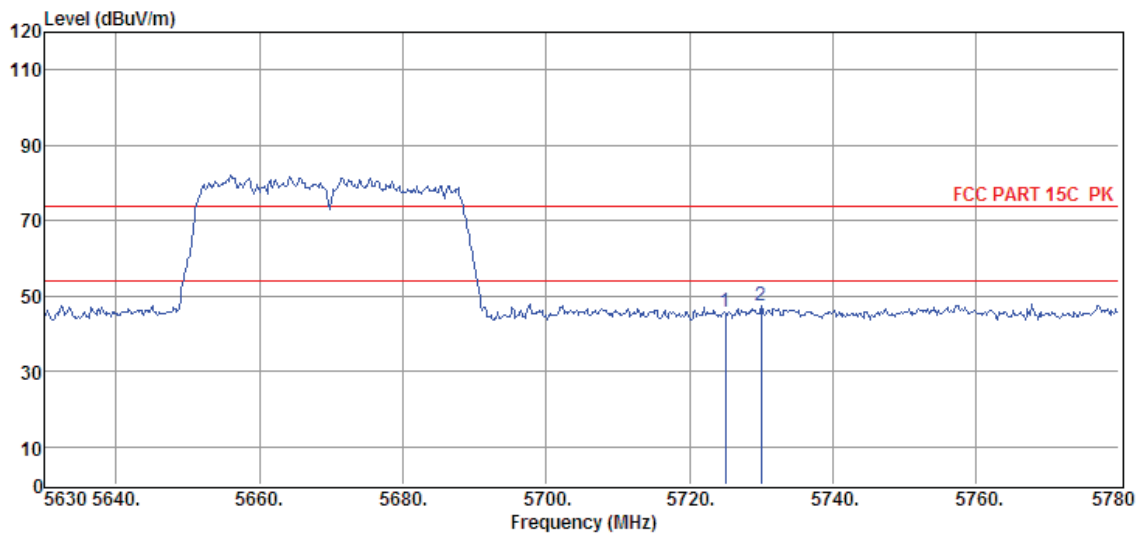
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5670MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 112



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5725.00        | 30.69                   | 34.84                       | 29.22               | 9.41                | 45.72                       | 74.00                     | -28.28                | Peak     | VERTICAL     |
| 2              | 5730.05        | 32.24                   | 34.84                       | 29.22               | 9.41                | 47.27                       | 74.00                     | -26.73                | Peak     | VERTICAL     |

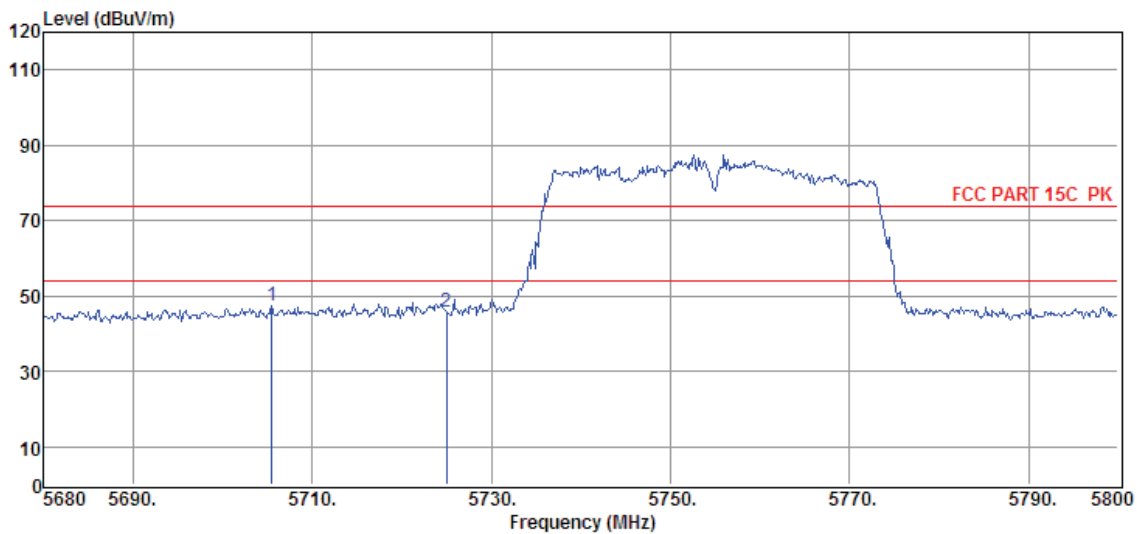
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5755MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 113



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5705.44        | 32.25                   | 34.83                       | 29.22               | 9.38                | 47.24                       | 74.00                     | -26.76                | Peak     | HORIZONTAL   |
| 2              | 5725.00        | 30.63                   | 34.84                       | 29.22               | 9.41                | 45.66                       | 74.00                     | -28.34                | Peak     | HORIZONTAL   |

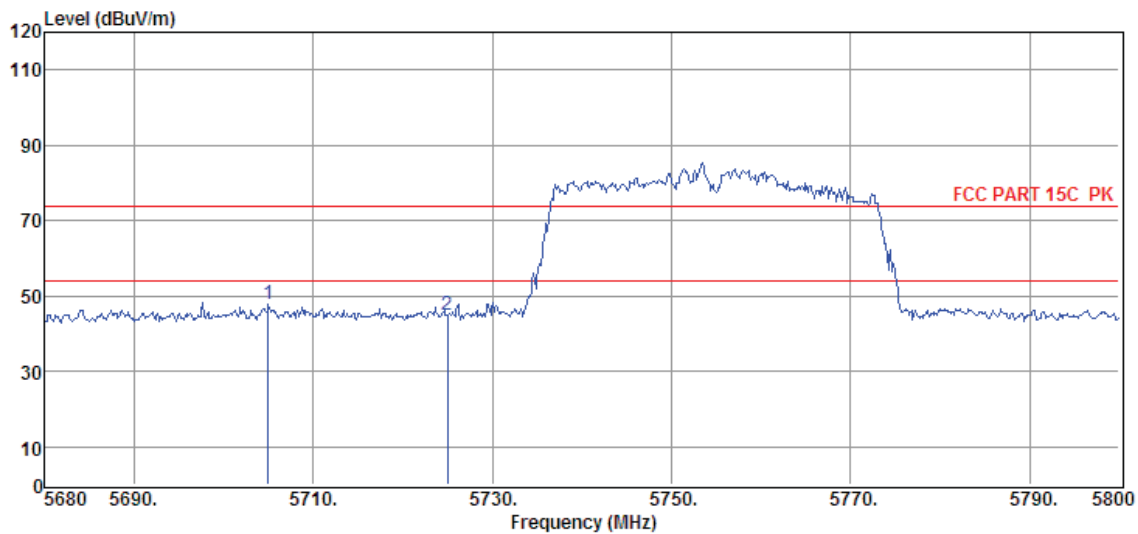
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5755MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 114



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5704.96        | 32.97                   | 34.83                       | 29.22               | 9.38                | 47.96                       | 74.00                     | -26.04                | Peak     | VERTICAL     |
| 2              | 5725.00        | 30.02                   | 34.84                       | 29.22               | 9.41                | 45.05                       | 74.00                     | -28.95                | Peak     | VERTICAL     |

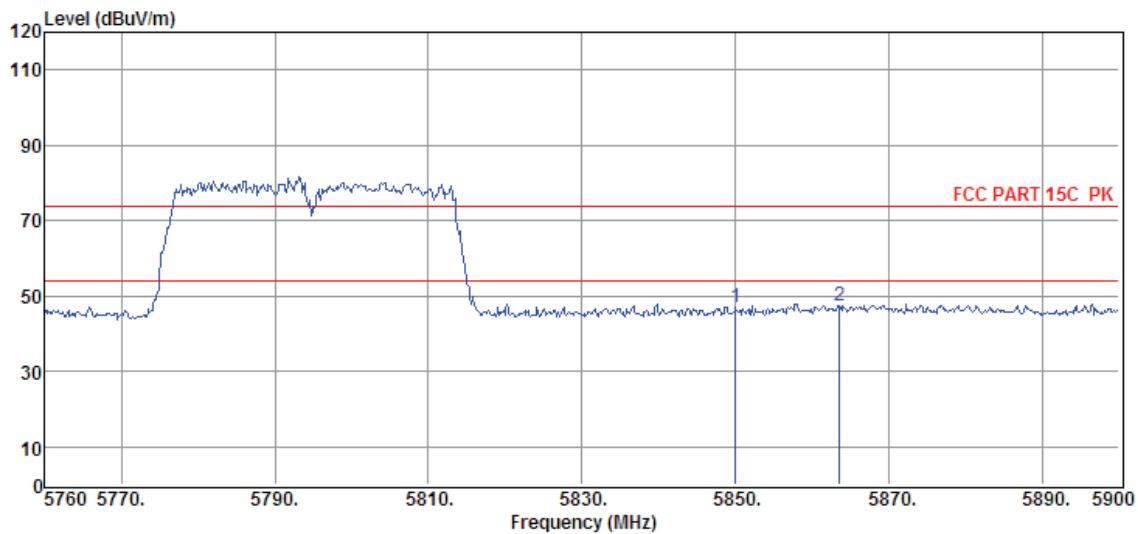
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5795MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 115



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 31.66                   | 34.91                       | 29.20               | 9.54                | 46.91                       | 74.00                     | -27.09                | Peak     | VERTICAL     |
| 2              | 5863.60        | 32.19                   | 34.92                       | 29.20               | 9.56                | 47.47                       | 74.00                     | -26.53                | Peak     | VERTICAL     |

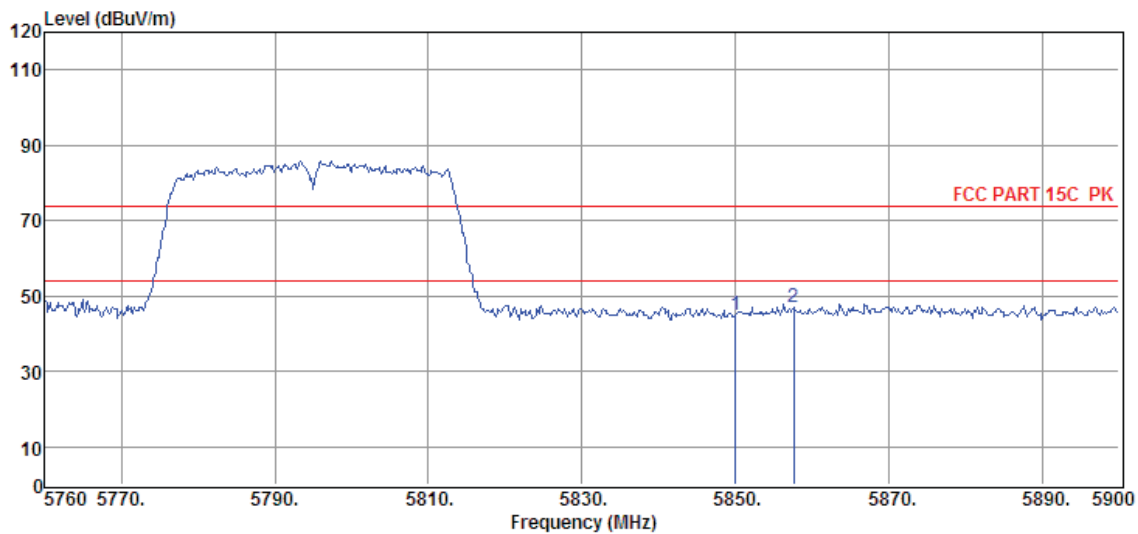
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5°C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac40 5795MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 116



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5850.00        | 29.79                   | 34.91                       | 29.20               | 9.54                | 45.04                       | 74.00                     | -28.96                | Peak     | HORIZONTAL   |
| 2              | 5857.58        | 31.91                   | 34.92                       | 29.20               | 9.54                | 47.17                       | 74.00                     | -26.83                | Peak     | HORIZONTAL   |

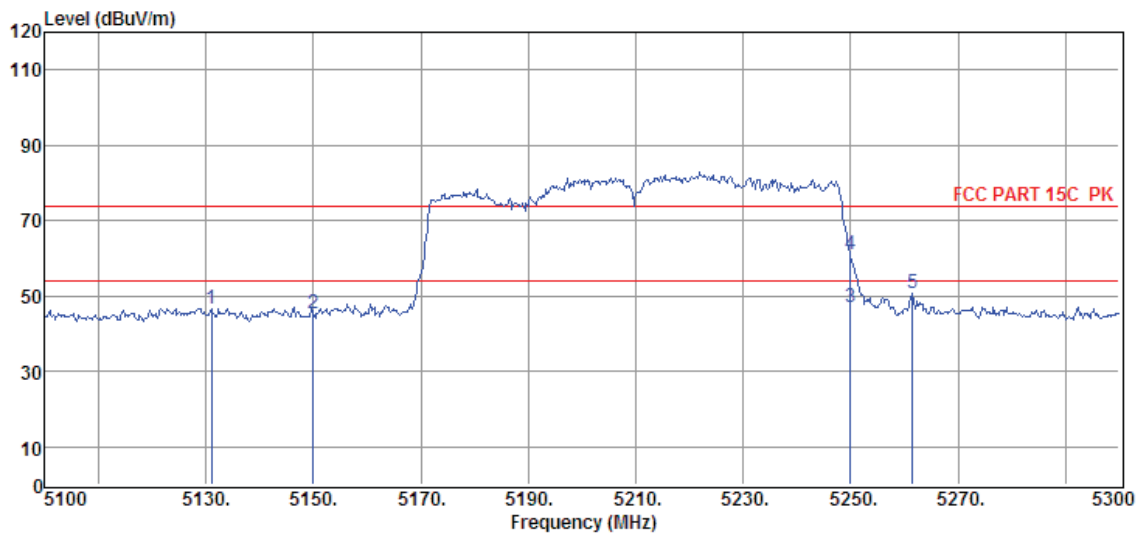
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5210MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 117



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5131.00        | 33.21                   | 33.97                       | 29.34               | 8.80                | 46.64                       | 74.00                     | -27.36                | Peak     | HORIZONTAL   |
| 2              | 5150.00        | 31.96                   | 34.01                       | 29.33               | 8.84                | 45.48                       | 74.00                     | -28.52                | Peak     | HORIZONTAL   |
| 3              | 5250.00        | 33.02                   | 34.21                       | 29.32               | 8.93                | 46.84                       | 54.00                     | -7.16                 | Average  | HORIZONTAL   |
| 4              | 5250.00        | 47.02                   | 34.21                       | 29.32               | 8.93                | 60.84                       | 74.00                     | -13.16                | Peak     | HORIZONTAL   |
| 5              | 5261.60        | 37.02                   | 34.24                       | 29.32               | 8.96                | 50.90                       | 74.00                     | -23.10                | Peak     | HORIZONTAL   |

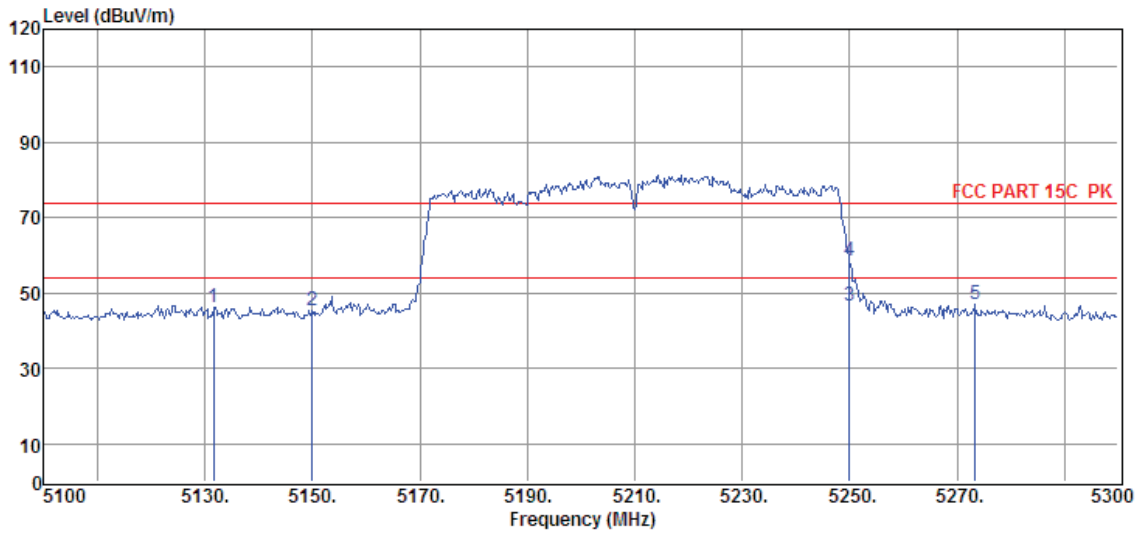
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5210MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 118



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5131.60        | 32.69                   | 33.97                       | 29.34               | 8.80                | 46.12                       | 74.00                     | -27.88                | Peak     | VERTICAL     |
| 2              | 5150.00        | 31.96                   | 34.01                       | 29.33               | 8.84                | 45.48                       | 74.00                     | -28.52                | Peak     | VERTICAL     |
| 3              | 5250.00        | 32.57                   | 34.21                       | 29.32               | 8.93                | 46.39                       | 54.00                     | -7.61                 | Average  | VERTICAL     |
| 4              | 5250.00        | 44.57                   | 34.21                       | 29.32               | 8.93                | 58.39                       | 74.00                     | -15.61                | Peak     | VERTICAL     |
| 5              | 5273.40        | 32.96                   | 34.26                       | 29.31               | 8.96                | 46.87                       | 74.00                     | -27.13                | Peak     | VERTICAL     |

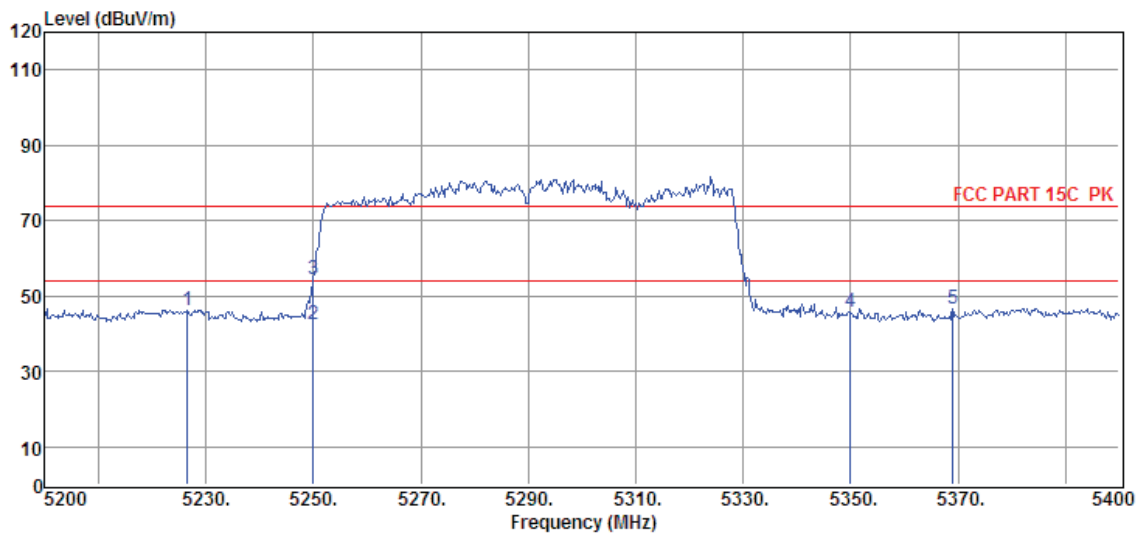
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5290MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 119



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5226.60        | 32.38                   | 34.17                       | 29.32               | 8.91                | 46.14                       | 74.00                     | -27.86                | Peak     | VERTICAL     |
| 2              | 5250.00        | 28.76                   | 34.21                       | 29.32               | 8.93                | 42.58                       | 54.00                     | -11.42                | Average  | VERTICAL     |
| 3              | 5250.00        | 40.76                   | 34.21                       | 29.32               | 8.93                | 54.58                       | 74.00                     | -19.42                | Peak     | VERTICAL     |
| 4              | 5350.00        | 31.61                   | 34.41                       | 29.30               | 9.03                | 45.75                       | 74.00                     | -28.25                | Peak     | VERTICAL     |
| 5              | 5369.00        | 32.54                   | 34.45                       | 29.30               | 9.05                | 46.74                       | 74.00                     | -27.26                | Peak     | VERTICAL     |

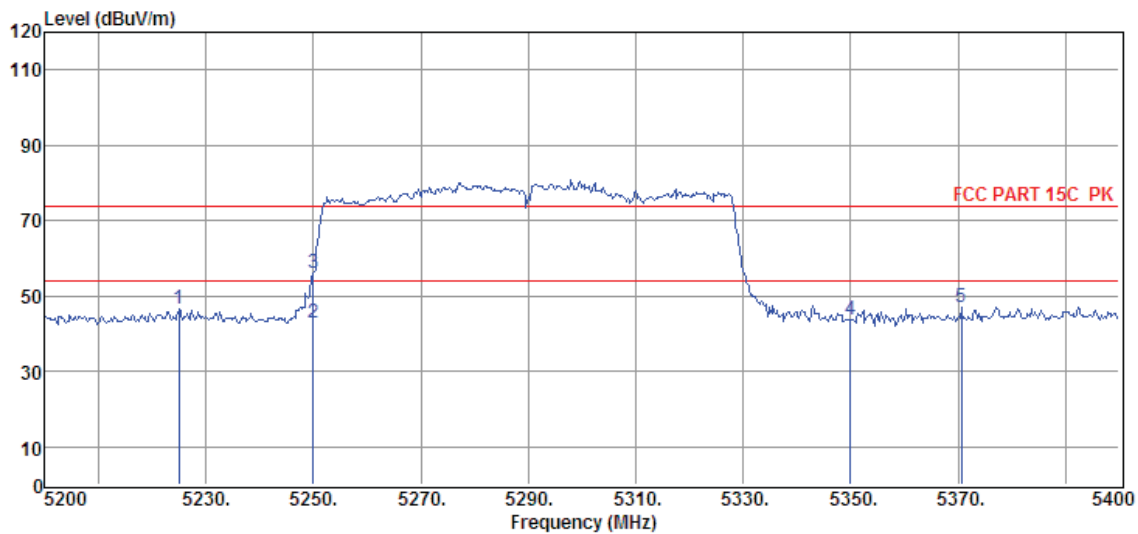
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5290MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 120



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5225.00        | 32.90                   | 34.16                       | 29.32               | 8.91                | 46.65                       | 74.00                     | -27.35                | Peak     | HORIZONTAL   |
| 2              | 5250.00        | 29.11                   | 34.21                       | 29.32               | 8.93                | 42.93                       | 54.00                     | -11.07                | Average  | HORIZONTAL   |
| 3              | 5250.00        | 42.11                   | 34.21                       | 29.32               | 8.93                | 55.93                       | 74.00                     | -18.07                | Peak     | HORIZONTAL   |
| 4              | 5350.00        | 29.51                   | 34.41                       | 29.30               | 9.03                | 43.65                       | 74.00                     | -30.35                | Peak     | HORIZONTAL   |
| 5              | 5370.60        | 32.76                   | 34.45                       | 29.30               | 9.05                | 46.96                       | 74.00                     | -27.04                | Peak     | HORIZONTAL   |

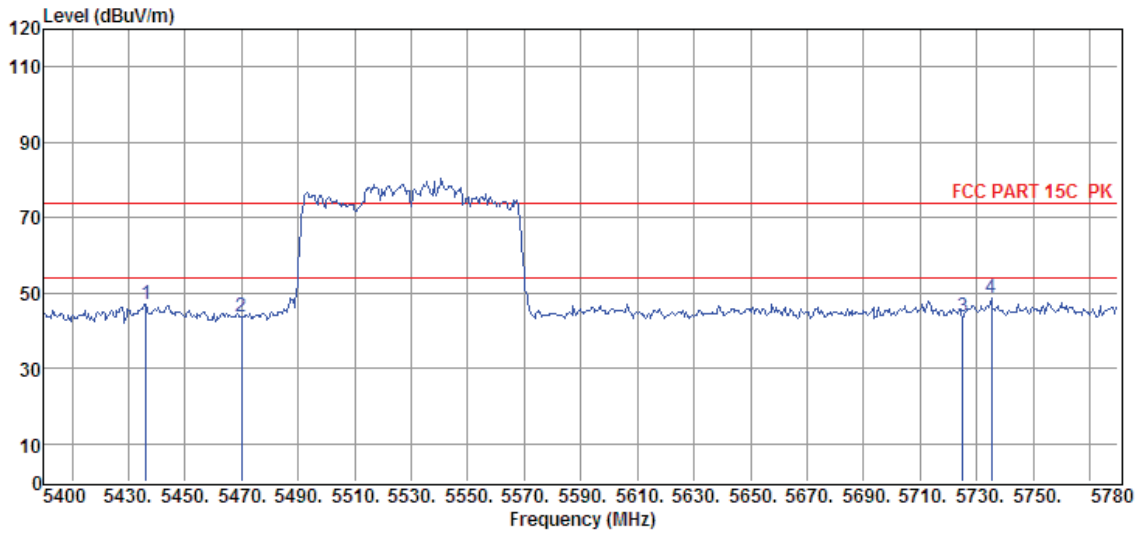
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5530MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 121



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5436.10        | 32.57                   | 34.58                       | 29.28               | 9.14                | 47.01                       | 74.00                     | -26.99                | Peak     | VERTICAL     |
| 2              | 5470.00        | 29.12                   | 34.64                       | 29.27               | 9.16                | 43.65                       | 74.00                     | -30.35                | Peak     | VERTICAL     |
| 3              | 5725.00        | 28.61                   | 34.84                       | 29.22               | 9.41                | 43.64                       | 74.00                     | -30.36                | Peak     | VERTICAL     |
| 4              | 5735.16        | 33.45                   | 34.84                       | 29.21               | 9.41                | 48.49                       | 74.00                     | -25.51                | Peak     | VERTICAL     |

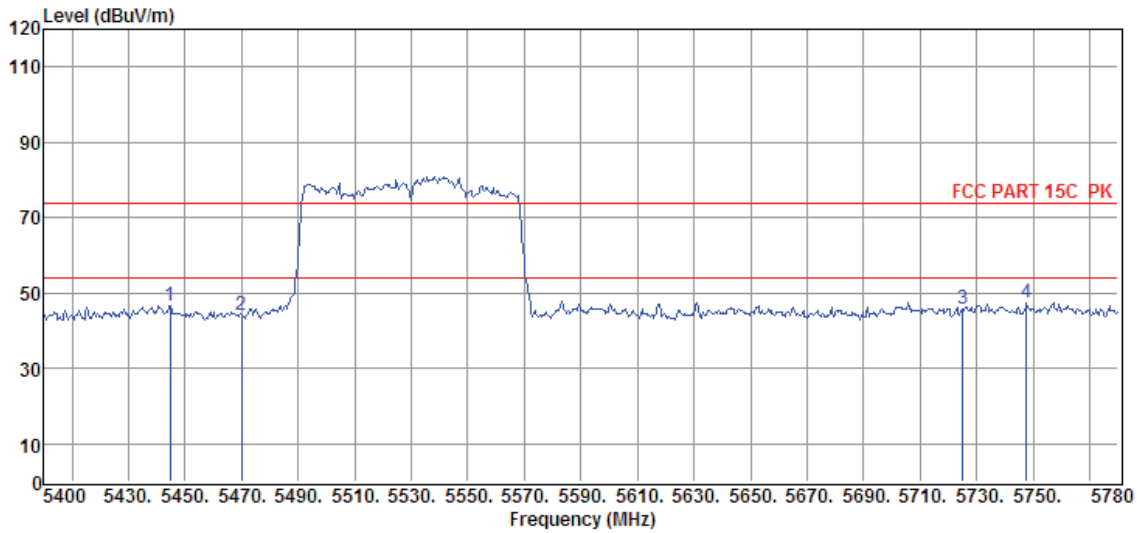
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5530MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 122



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5444.84        | 32.06                   | 34.59                       | 29.28               | 9.14                | 46.51                       | 74.00                     | -27.49                | Peak     | HORIZONTAL   |
| 2              | 5470.00        | 29.78                   | 34.64                       | 29.27               | 9.16                | 44.31                       | 74.00                     | -29.69                | Peak     | HORIZONTAL   |
| 3              | 5725.00        | 30.83                   | 34.84                       | 29.22               | 9.41                | 45.86                       | 74.00                     | -28.14                | Peak     | HORIZONTAL   |
| 4              | 5747.70        | 32.46                   | 34.85                       | 29.21               | 9.43                | 47.53                       | 74.00                     | -26.47                | Peak     | HORIZONTAL   |

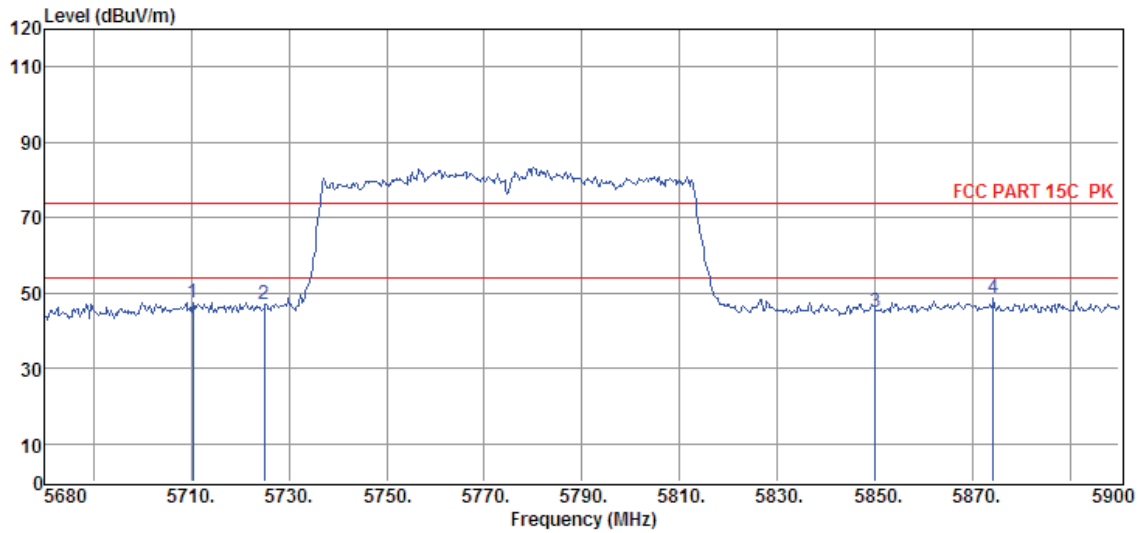
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5775MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/HORIZONTAL

Data: 123



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5710.36        | 32.43                   | 34.83                       | 29.22               | 9.38                | 47.42                       | 74.00                     | -26.58                | Peak     | HORIZONTAL   |
| 2              | 5725.00        | 31.89                   | 34.84                       | 29.22               | 9.41                | 46.92                       | 74.00                     | -27.08                | Peak     | HORIZONTAL   |
| 3              | 5850.00        | 29.85                   | 34.91                       | 29.20               | 9.54                | 45.10                       | 74.00                     | -28.90                | Peak     | HORIZONTAL   |
| 4              | 5874.26        | 33.45                   | 34.93                       | 29.20               | 9.56                | 48.74                       | 74.00                     | -25.26                | Peak     | HORIZONTAL   |

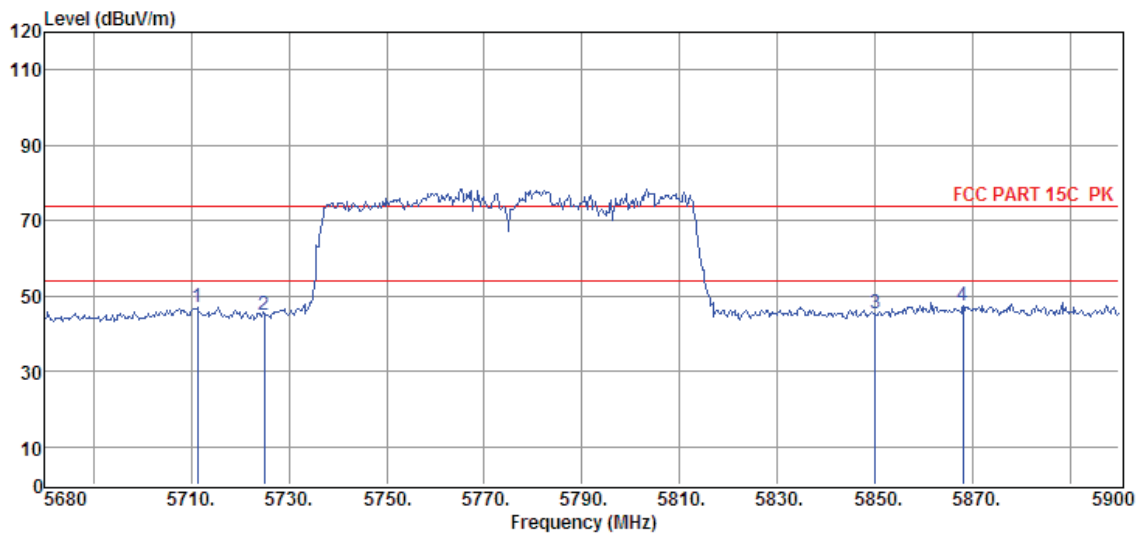
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1#  
**Test Date** : 2017-09-06  
**EUT** : Wireless Speaker  
**Power Supply** : AC 120V/60Hz  
**Condition** : Temp:24.5'C,Humi:55%,  
 Press:100.1kPa  
**Memo** : 11ac80 5775MHz

**D:\2017 RE1# Report Data\Q17080805-03E\RF-FCC ID-5G WIFI 1G-18G.EM6**  
**Tested By** : Sunny  
**Model Number** : ALLURE  
**Test Mode** : TX mode  
**Antenna/Distance** : 2016 HF907/3m/VERTICAL

Data: 124

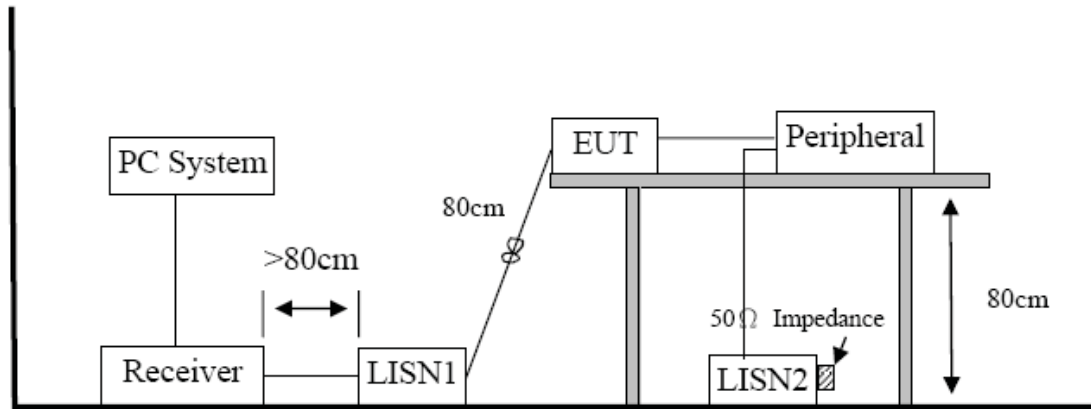


| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|----------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 5711.24        | 32.03                   | 34.83                       | 29.22               | 9.41                | 47.05                       | 74.00                     | -26.95                | Peak     | VERTICAL     |
| 2              | 5725.00        | 29.75                   | 34.84                       | 29.22               | 9.41                | 44.78                       | 74.00                     | -29.22                | Peak     | VERTICAL     |
| 3              | 5850.00        | 30.10                   | 34.91                       | 29.20               | 9.54                | 45.35                       | 74.00                     | -28.65                | Peak     | VERTICAL     |
| 4              | 5868.10        | 32.20                   | 34.92                       | 29.20               | 9.56                | 47.48                       | 74.00                     | -26.52                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 11. Power Line Conducted Emission

### 11.1. Block diagram of test setup



### 11.2. Power Line Conducted Emission Limits(Class B)

| Frequency       | Quasi-Peak Level<br>dB( $\mu$ V) | Average Level<br>dB( $\mu$ V) |
|-----------------|----------------------------------|-------------------------------|
| 150kHz ~ 500kHz | 66 ~ 56*                         | 56 ~ 46*                      |
| 500kHz ~ 5MHz   | 56                               | 46                            |
| 5MHz ~ 30MHz    | 60                               | 50                            |

Note 1: \* Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

### 11.3. Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.3 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.3 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 KHz.

#### **11.4. Test Result**

**PASS. (See below detailed test result)**

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means peak detection; “-----” means average detection

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worst case (AC 120V/60Hz).

# TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room

E:\2017 CE report data\Q17080805-03E\CE.EM6

Test Date : 2017-09-03

Tested By : Xian

EUT : Wireless Speaker

Model Number : ALLURE

Power Supply : AC 120V/60Hz

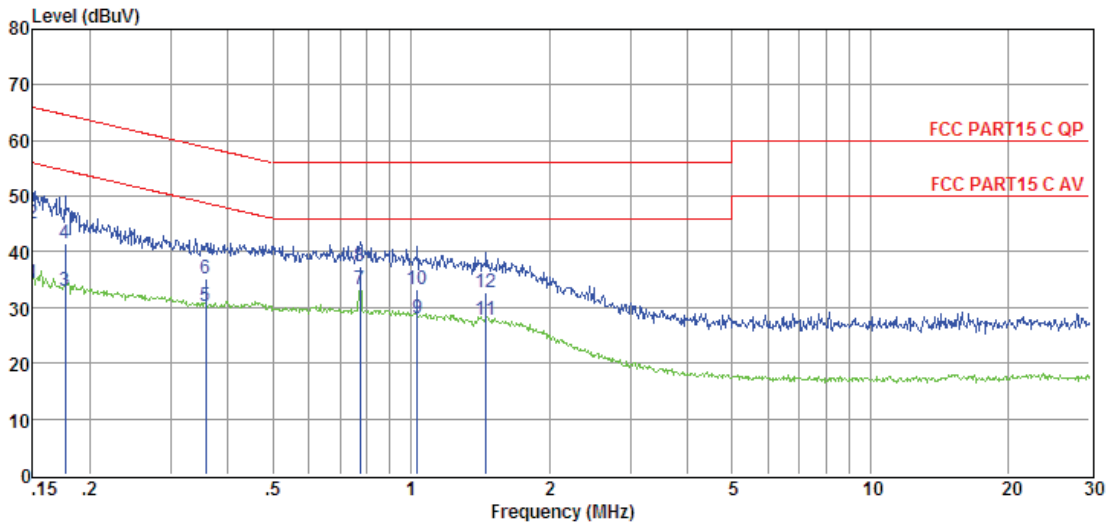
Test Mode : TX mode

Condition : Temp:24.5°C,Humi:55%,  
Press:100.1kPa

LISN : 2016 ENV216/NEUTRAL

Memo :

Data: 18



| Item   | Freq. | Read Level | LISN Factor | Cable Loss | Pulse Limiter Factor | Result Level | Limit Line | Over Limit | Detector | Phase   |
|--------|-------|------------|-------------|------------|----------------------|--------------|------------|------------|----------|---------|
| (Mark) | (MHz) | (dBμV)     | (dB)        | (dB)       | (dB)                 | (dBμV)       | (dBμV)     | (dB)       |          |         |
| 1      | 0.15  | 14.90      | 9.61        | 0.02       | 9.86                 | 34.39        | 56.00      | -21.61     | Average  | NEUTRAL |
| 2      | 0.15  | 25.46      | 9.61        | 0.02       | 9.86                 | 44.95        | 66.00      | -21.05     | QP       | NEUTRAL |
| 3      | 0.18  | 13.47      | 9.61        | 0.02       | 9.86                 | 32.96        | 54.64      | -21.68     | Average  | NEUTRAL |
| 4      | 0.18  | 21.94      | 9.61        | 0.02       | 9.86                 | 41.43        | 64.64      | -23.21     | QP       | NEUTRAL |
| 5      | 0.36  | 10.75      | 9.61        | 0.02       | 9.86                 | 30.24        | 48.78      | -18.54     | Average  | NEUTRAL |
| 6      | 0.36  | 15.68      | 9.61        | 0.02       | 9.86                 | 35.17        | 58.78      | -23.61     | QP       | NEUTRAL |
| 7      | 0.78  | 13.74      | 9.61        | 0.03       | 9.86                 | 33.24        | 46.00      | -12.76     | Average  | NEUTRAL |
| 8      | 0.78  | 17.85      | 9.61        | 0.03       | 9.86                 | 37.35        | 56.00      | -18.65     | QP       | NEUTRAL |
| 9      | 1.03  | 8.67       | 9.61        | 0.03       | 9.86                 | 28.17        | 46.00      | -17.83     | Average  | NEUTRAL |
| 10     | 1.03  | 13.73      | 9.61        | 0.03       | 9.86                 | 33.23        | 56.00      | -22.77     | QP       | NEUTRAL |
| 11     | 1.46  | 8.13       | 9.62        | 0.03       | 9.86                 | 27.64        | 46.00      | -18.36     | Average  | NEUTRAL |
| 12     | 1.46  | 13.19      | 9.62        | 0.03       | 9.86                 | 32.70        | 56.00      | -23.30     | QP       | NEUTRAL |

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

## TR-4-E-010 Conducted Emission Test Result

**Test Site** : DDT 1# Shield Room

E:\2017 CE report data\Q17080805-03E\CE.EM6

**Test Date** : 2017-09-03

**Tested By** : Xian

**EUT** : Wireless Speaker

**Model Number** : ALLURE

**Power Supply** : AC 120V/60Hz

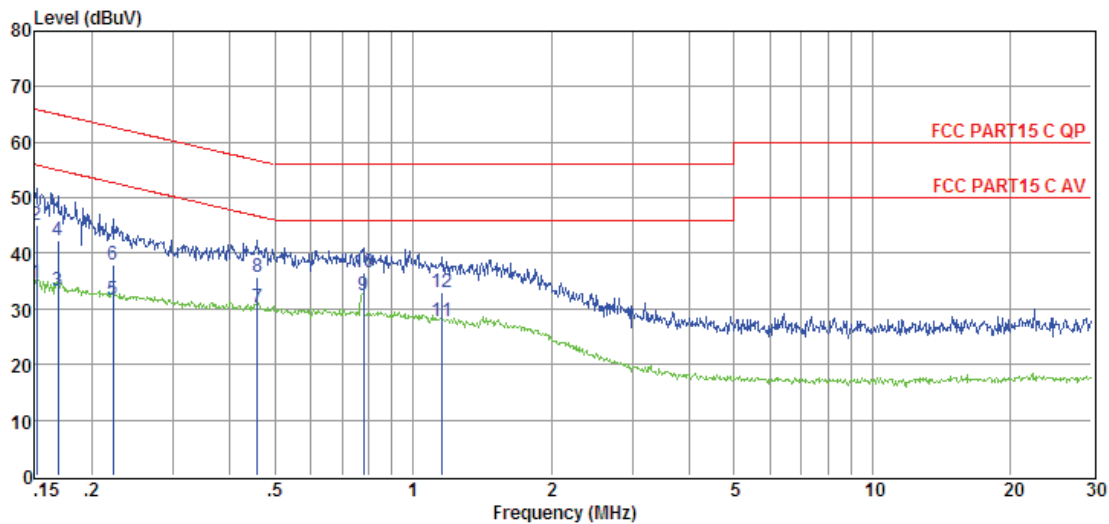
**Test Mode** : TX mode

**Condition** : Temp:24.5'C,Humi:55%,  
Press:100.1kPa

**LISN** : 2016 ENV216/LINE

**Memo** :

Data: 20



| Item   | Freq. | Read Level | LISN Factor | Cable Loss | Pulse Limiter Factor | Result Level | Limit Line | Over Limit | Detector | Phase |
|--------|-------|------------|-------------|------------|----------------------|--------------|------------|------------|----------|-------|
| (Mark) | (MHz) | (dBμV)     | (dB)        | (dB)       | (dB)                 | (dBμV)       | (dBμV)     | (dB)       |          |       |
| 1      | 0.15  | 15.02      | 9.61        | 0.02       | 9.86                 | 34.51        | 55.91      | -21.40     | Average  | LINE  |
| 2      | 0.15  | 25.49      | 9.61        | 0.02       | 9.86                 | 44.98        | 65.91      | -20.93     | QP       | LINE  |
| 3      | 0.17  | 13.74      | 9.61        | 0.02       | 9.86                 | 33.23        | 55.03      | -21.80     | Average  | LINE  |
| 4      | 0.17  | 22.73      | 9.61        | 0.02       | 9.86                 | 42.22        | 65.03      | -22.81     | QP       | LINE  |
| 5      | 0.22  | 12.24      | 9.61        | 0.02       | 9.86                 | 31.73        | 52.74      | -21.01     | Average  | LINE  |
| 6      | 0.22  | 18.33      | 9.61        | 0.02       | 9.86                 | 37.82        | 62.74      | -24.92     | QP       | LINE  |
| 7      | 0.46  | 10.82      | 9.61        | 0.02       | 9.86                 | 30.31        | 46.71      | -16.40     | Average  | LINE  |
| 8      | 0.46  | 16.18      | 9.61        | 0.02       | 9.86                 | 35.67        | 56.71      | -21.04     | QP       | LINE  |
| 9      | 0.78  | 12.98      | 9.61        | 0.03       | 9.86                 | 32.48        | 46.00      | -13.52     | Average  | LINE  |
| 10     | 0.78  | 17.10      | 9.61        | 0.03       | 9.86                 | 36.60        | 56.00      | -19.40     | QP       | LINE  |
| 11     | 1.16  | 8.25       | 9.62        | 0.03       | 9.86                 | 27.76        | 46.00      | -18.24     | Average  | LINE  |
| 12     | 1.16  | 13.34      | 9.62        | 0.03       | 9.86                 | 32.85        | 56.00      | -23.15     | QP       | LINE  |

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

## **12. Antenna Requirements**

### **12.1. Limit**

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

### **12.2. Result**

The antennas used for this product are integrated antenna and other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 4.8dBi.

## 13. Dynamic Frequency Selection

### 13.1. Applicability of DFS requirements

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

| Requirement                     | Operational Mode                |                                                                    |                                                      |
|---------------------------------|---------------------------------|--------------------------------------------------------------------|------------------------------------------------------|
|                                 | <input type="checkbox"/> Master | <input checked="" type="checkbox"/> Client Without Radar Detection | <input type="checkbox"/> Client With Radar Detection |
| Non-Occupancy Period            | Yes                             | Not required                                                       | Yes                                                  |
| DFS Detection Threshold         | Yes                             | Not required                                                       | Yes                                                  |
| Channel Availability Check Time | Yes                             | Not required                                                       | Not required                                         |
| U-NII Detection Bandwidth       | Yes                             | Not required                                                       | Yes                                                  |

Table 2: Applicability of DFS requirements during normal operation

| Requirement                       | Operational Mode                                                      |                                                                    |
|-----------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|
|                                   | <input type="checkbox"/> Master Device or Client with Radar Detection | <input checked="" type="checkbox"/> Client Without Radar Detection |
| DFS Detection Threshold           | Yes                                                                   | Not required                                                       |
| Channel Closing Transmission Time | Yes                                                                   | Yes                                                                |
| Channel Move Time                 | Yes                                                                   | Yes                                                                |
| U-NII Detection Bandwidth         | Yes                                                                   | Not required                                                       |

|                                                                                                                                                                                                                                                                                                                                       |                                                                       |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|
| Additional requirements for devices with multiple bandwidth modes                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Master Device or Client with Radar Detection | <input checked="" type="checkbox"/> Client Without Radar Detection |
| U-NII Detection Bandwidth and Statistical Performance Check                                                                                                                                                                                                                                                                           | All BW modes must be tested                                           | Not required                                                       |
| Channel Move Time and Channel Closing Transmission Time                                                                                                                                                                                                                                                                               | Test using widest BW mode available                                   | Test using the widest BW mode available for the link               |
| All other tests                                                                                                                                                                                                                                                                                                                       | Any single BW mode                                                    | Not required                                                       |
| Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency. |                                                                       |                                                                    |

### 13.2. Limit

#### (1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

| Maximum Transmit Power                                                       | Value (See Notes 1, 2, and 3) |
|------------------------------------------------------------------------------|-------------------------------|
| EIRP $\geq$ 200 milliwatt                                                    | -64 dBm                       |
| EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz                 | -62 dBm                       |
| EIRP < 200 milliwatt that do not meet the power spectral density requirement | -64 dBm                       |

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test

signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

## (2) DFS Response Requirements

Table 4: DFS Response Requirement Values

| Parameter                         | Value                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|
| Non-occupancy period              | Minimum 30 minutes                                                                                        |
| Channel Availability Check Time   | 60 seconds                                                                                                |
| Channel Move Time                 | 10 seconds<br>See Note 1.                                                                                 |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.                                   |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

## 13.3. Parameters of radar test waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

| Radar Type                                                                                                                                                    | Pulse Width (μsec) | PRI (μsec) | Number of Pulses                                          | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|-----------------------------------------------------------|--------------------------------------------|--------------------------|
| 0                                                                                                                                                             | 1                  | 1428       | 18                                                        | See Note 1                                 | See Note 1               |
| 1                                                                                                                                                             | 1                  | Test A     | Roundup $\left\{ \left( \frac{1}{360} \right)^* \right\}$ | 60%                                        | 30                       |
|                                                                                                                                                               |                    | Test B     |                                                           |                                            |                          |
| 2                                                                                                                                                             | 1-5                | 150-230    | 23-29                                                     | 60%                                        | 30                       |
| 3                                                                                                                                                             | 6-10               | 200-500    | 16-18                                                     | 60%                                        | 30                       |
| 4                                                                                                                                                             | 11-20              | 200-500    | 12-16                                                     | 60%                                        | 30                       |
| Aggregate (Radar Types 1-4)                                                                                                                                   |                    |            |                                                           | 80%                                        | 120                      |
| Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.                          |                    |            |                                                           |                                            |                          |
| Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a                                                                     |                    |            |                                                           |                                            |                          |
| Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A |                    |            |                                                           |                                            |                          |

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar

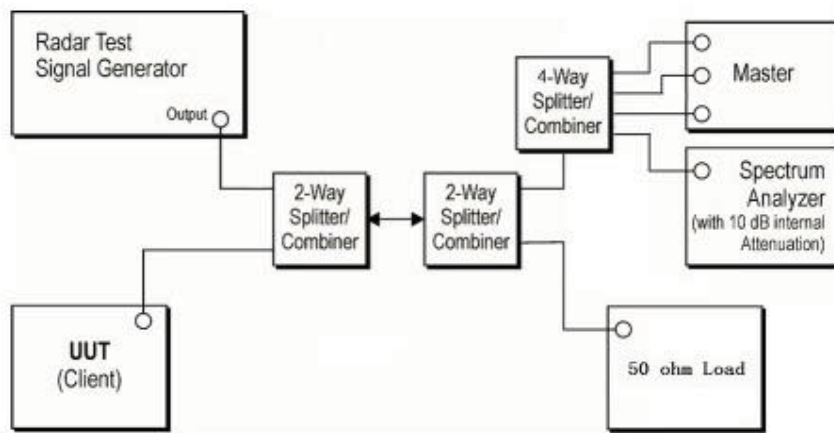
Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4

### 13.4. Calibration of radar waveform

Radar Waveform Calibration Procedure:

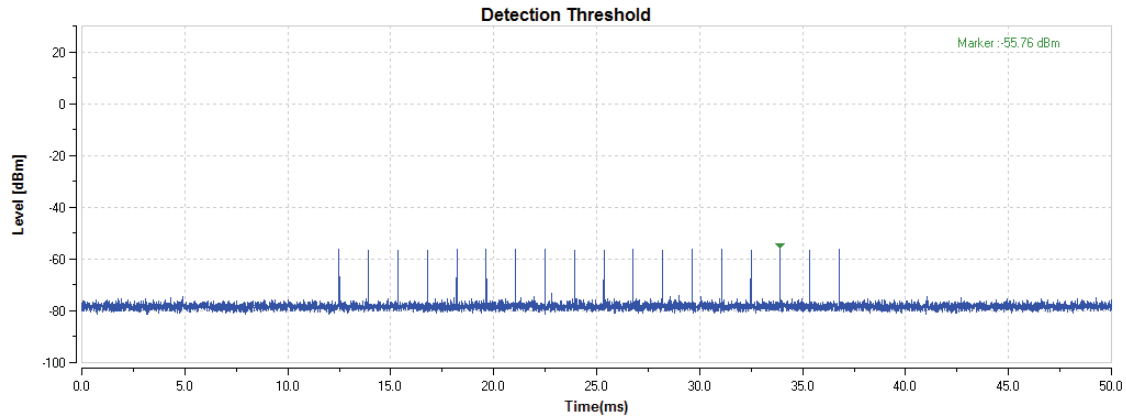
- (1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- (2) The interference Radar Detection Threshold Level is  $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$  that had been taken into account the output power range and antenna gain.
- (3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.
- (4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was  $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$ . Capture the spectrum analyzer plots on short pulse radar waveform.

Conducted Calibration Setup:



Radar Waveform Calibration Result:

## Radar Type 0



**Trial List Table - FCC-13-22**

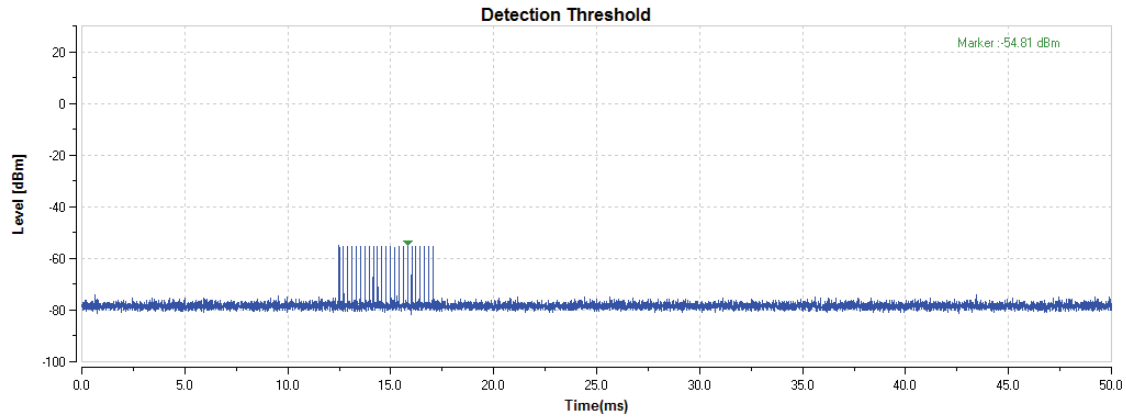
Save Load ↑ Trigger ↓ Download All

Sample Rate 10 MHz

**Trial List**

|          | Trial Id | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
|----------|----------|------------|------------------|----------|------------------|----------------------|
| Download | 0        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 1        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 2        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 3        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 4        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 5        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 6        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 7        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 8        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 9        | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 10       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 11       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 12       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 13       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 14       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 15       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 16       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 17       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 18       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 19       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 20       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 21       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 22       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 23       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 24       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 25       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 26       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 27       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |
| Download | 28       | Type 0     | 1.0              | 1428.0   | 18               | 25704.0              |

## Radar Type 2



Trial List Table - FCC-13-22

Save

Load

↑ Trigger

↓ Download All

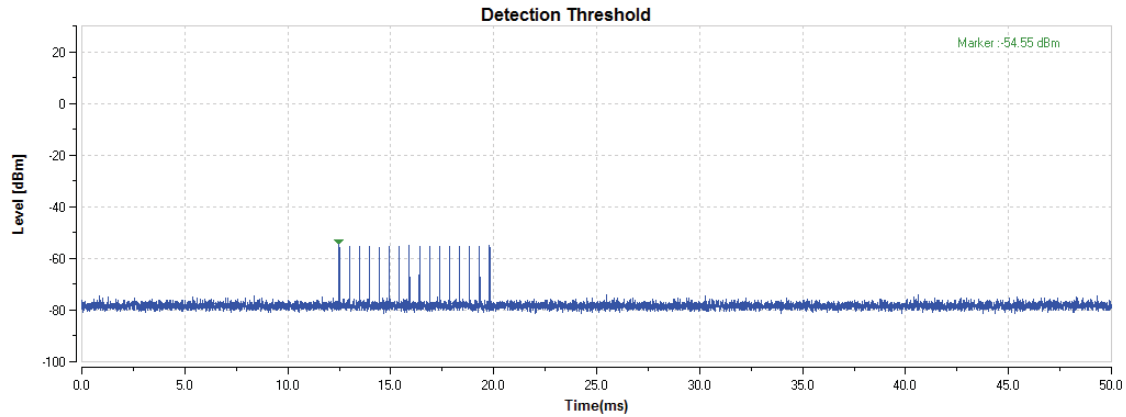
Sample Rate

10 MHz

Trial List

|          | Trial Id | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
|----------|----------|------------|------------------|----------|------------------|----------------------|
| Download | 0        | Type 2     | 3.2              | 179.0    | 26               | 4654.0               |
| Download | 1        | Type 2     | 1.1              | 207.0    | 23               | 4761.0               |
| Download | 2        | Type 2     | 2.1              | 230.0    | 24               | 5520.0               |
| Download | 3        | Type 2     | 4.8              | 200.0    | 29               | 5800.0               |
| Download | 4        | Type 2     | 3.9              | 214.0    | 28               | 5992.0               |
| Download | 5        | Type 2     | 2.9              | 222.0    | 26               | 5772.0               |
| Download | 6        | Type 2     | 3.2              | 204.0    | 26               | 5304.0               |
| Download | 7        | Type 2     | 2.5              | 192.0    | 25               | 4800.0               |
| Download | 8        | Type 2     | 3.1              | 164.0    | 26               | 4264.0               |
| Download | 9        | Type 2     | 1.2              | 156.0    | 23               | 3588.0               |
| Download | 10       | Type 2     | 3.9              | 210.0    | 27               | 5670.0               |
| Download | 11       | Type 2     | 4.6              | 201.0    | 29               | 5829.0               |
| Download | 12       | Type 2     | 3.2              | 162.0    | 26               | 4212.0               |
| Download | 13       | Type 2     | 2.2              | 197.0    | 25               | 4925.0               |
| Download | 14       | Type 2     | 4.5              | 163.0    | 29               | 4727.0               |
| Download | 15       | Type 2     | 3.0              | 203.0    | 26               | 5278.0               |
| Download | 16       | Type 2     | 5.0              | 168.0    | 29               | 4872.0               |
| Download | 17       | Type 2     | 2.4              | 217.0    | 25               | 5425.0               |
| Download | 18       | Type 2     | 2.9              | 191.0    | 26               | 4966.0               |
| Download | 19       | Type 2     | 2.3              | 166.0    | 25               | 4150.0               |
| Download | 20       | Type 2     | 3.7              | 150.0    | 27               | 4050.0               |
| Download | 21       | Type 2     | 2.2              | 176.0    | 25               | 4400.0               |
| Download | 22       | Type 2     | 4.9              | 195.0    | 29               | 5655.0               |
| Download | 23       | Type 2     | 2.9              | 202.0    | 26               | 5252.0               |
| Download | 24       | Type 2     | 2.5              | 178.0    | 25               | 4450.0               |
| Download | 25       | Type 2     | 1.1              | 206.0    | 23               | 4738.0               |
| Download | 26       | Type 2     | 3.8              | 155.0    | 27               | 4185.0               |
| Download | 27       | Type 2     | 4.7              | 157.0    | 29               | 4553.0               |
| Download | 28       | Type 2     | 2.4              | 224.0    | 25               | 5600.0               |

## Radar Type 3



Trial List Table - FCC-13-22

Save

Load

↑ Trigger

↓ Download All

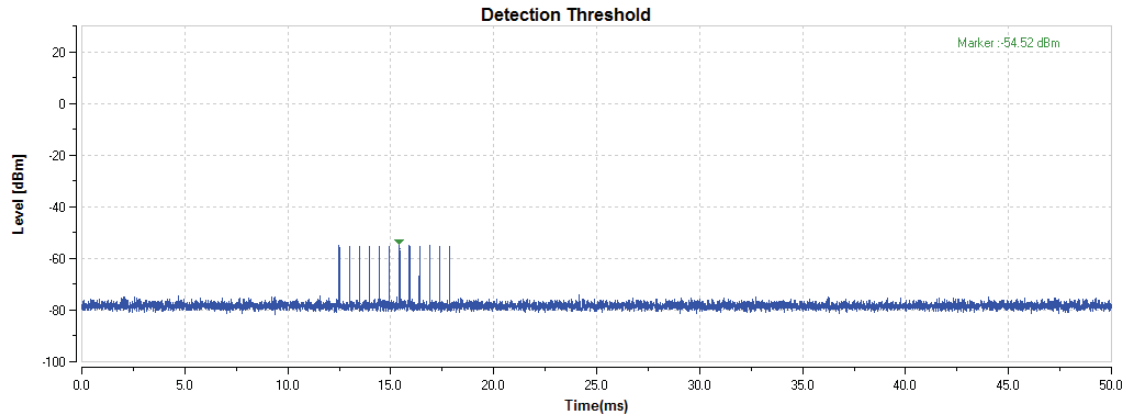
Sample Rate

10 MHz

Trial List

|          | Trial Id | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
|----------|----------|------------|------------------|----------|------------------|----------------------|
| Download | 0        | Type 3     | 8.2              | 355.0    | 17               | 6035.0               |
| Download | 1        | Type 3     | 6.1              | 487.0    | 16               | 7792.0               |
| Download | 2        | Type 3     | 7.1              | 344.0    | 16               | 5504.0               |
| Download | 3        | Type 3     | 9.8              | 288.0    | 18               | 5184.0               |
| Download | 4        | Type 3     | 8.9              | 230.0    | 18               | 4140.0               |
| Download | 5        | Type 3     | 7.9              | 432.0    | 17               | 7344.0               |
| Download | 6        | Type 3     | 8.2              | 207.0    | 17               | 3519.0               |
| Download | 7        | Type 3     | 7.5              | 443.0    | 17               | 7531.0               |
| Download | 8        | Type 3     | 8.1              | 439.0    | 17               | 7463.0               |
| Download | 9        | Type 3     | 6.2              | 223.0    | 16               | 3568.0               |
| Download | 10       | Type 3     | 8.9              | 208.0    | 18               | 3744.0               |
| Download | 11       | Type 3     | 9.6              | 463.0    | 18               | 8334.0               |
| Download | 12       | Type 3     | 8.2              | 441.0    | 17               | 7497.0               |
| Download | 13       | Type 3     | 7.2              | 323.0    | 16               | 5168.0               |
| Download | 14       | Type 3     | 9.5              | 297.0    | 18               | 5346.0               |
| Download | 15       | Type 3     | 8.0              | 412.0    | 17               | 7004.0               |
| Download | 16       | Type 3     | 10.0             | 324.0    | 18               | 5832.0               |
| Download | 17       | Type 3     | 7.4              | 271.0    | 17               | 4607.0               |
| Download | 18       | Type 3     | 7.9              | 349.0    | 17               | 5933.0               |
| Download | 19       | Type 3     | 7.3              | 409.0    | 16               | 6544.0               |
| Download | 20       | Type 3     | 8.7              | 373.0    | 18               | 6714.0               |
| Download | 21       | Type 3     | 7.2              | 254.0    | 16               | 4064.0               |
| Download | 22       | Type 3     | 9.9              | 274.0    | 18               | 4932.0               |
| Download | 23       | Type 3     | 7.9              | 278.0    | 17               | 4726.0               |
| Download | 24       | Type 3     | 7.5              | 317.0    | 17               | 5389.0               |
| Download | 25       | Type 3     | 6.1              | 260.0    | 16               | 4160.0               |
| Download | 26       | Type 3     | 8.8              | 211.0    | 18               | 3798.0               |
| Download | 27       | Type 3     | 9.7              | 272.0    | 18               | 4896.0               |
| Download | 28       | Type 3     | 7.4              | 264.0    | 17               | 4488.0               |

## Radar Type 4



Trial List Table - FCC-13-22

Save

Load

↑ Trigger

↓ Download All

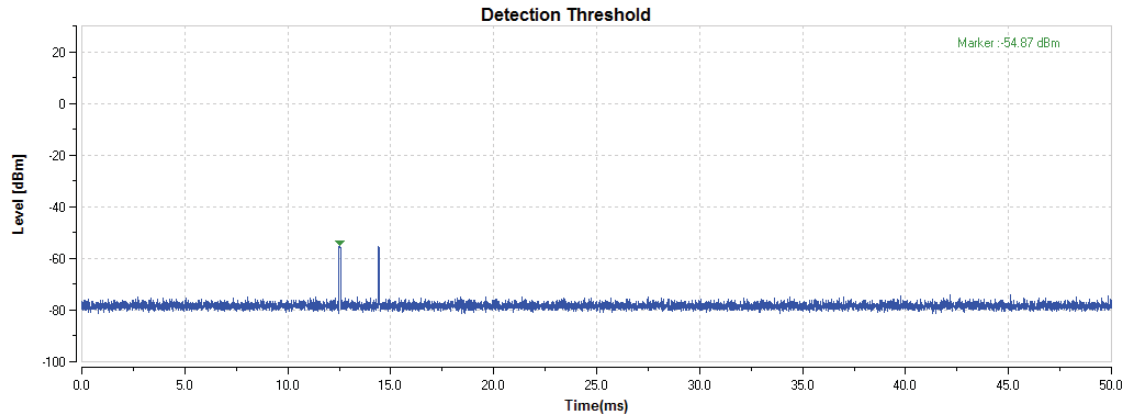
Sample Rate

10 MHz

Trial List

|          | Trial Id | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
|----------|----------|------------|------------------|----------|------------------|----------------------|
| Download | 0        | Type 4     | 16.0             | 355.0    | 14               | 4970.0               |
| Download | 1        | Type 4     | 11.3             | 487.0    | 12               | 5844.0               |
| Download | 2        | Type 4     | 13.5             | 344.0    | 13               | 4472.0               |
| Download | 3        | Type 4     | 19.4             | 288.0    | 16               | 4608.0               |
| Download | 4        | Type 4     | 17.5             | 230.0    | 15               | 3450.0               |
| Download | 5        | Type 4     | 15.3             | 432.0    | 14               | 6048.0               |
| Download | 6        | Type 4     | 15.9             | 207.0    | 14               | 2898.0               |
| Download | 7        | Type 4     | 14.3             | 443.0    | 13               | 5759.0               |
| Download | 8        | Type 4     | 15.8             | 439.0    | 14               | 6146.0               |
| Download | 9        | Type 4     | 11.5             | 223.0    | 12               | 2676.0               |
| Download | 10       | Type 4     | 17.4             | 208.0    | 15               | 3120.0               |
| Download | 11       | Type 4     | 19.0             | 463.0    | 16               | 7408.0               |
| Download | 12       | Type 4     | 16.0             | 441.0    | 14               | 6174.0               |
| Download | 13       | Type 4     | 13.8             | 323.0    | 13               | 4199.0               |
| Download | 14       | Type 4     | 18.9             | 297.0    | 16               | 4752.0               |
| Download | 15       | Type 4     | 15.5             | 412.0    | 14               | 5768.0               |
| Download | 16       | Type 4     | 19.9             | 324.0    | 16               | 5184.0               |
| Download | 17       | Type 4     | 14.1             | 271.0    | 13               | 3523.0               |
| Download | 18       | Type 4     | 15.2             | 349.0    | 14               | 4886.0               |
| Download | 19       | Type 4     | 13.8             | 409.0    | 13               | 5317.0               |
| Download | 20       | Type 4     | 17.1             | 373.0    | 15               | 5595.0               |
| Download | 21       | Type 4     | 13.8             | 254.0    | 13               | 3302.0               |
| Download | 22       | Type 4     | 19.8             | 274.0    | 16               | 4384.0               |
| Download | 23       | Type 4     | 15.3             | 278.0    | 14               | 3892.0               |
| Download | 24       | Type 4     | 14.5             | 317.0    | 13               | 4121.0               |
| Download | 25       | Type 4     | 11.3             | 260.0    | 12               | 3120.0               |
| Download | 26       | Type 4     | 17.3             | 211.0    | 15               | 3165.0               |
| Download | 27       | Type 4     | 19.2             | 272.0    | 16               | 4352.0               |
| Download | 28       | Type 4     | 14.2             | 264.0    | 13               | 3432.0               |

## Radar Type 5



Trial List Table - FCC-13-22

Save

Load

↑ Trigger

↓ Download All

Sample Rate

100 MHz

UUT Channel Center Frequency

5.5 GHz

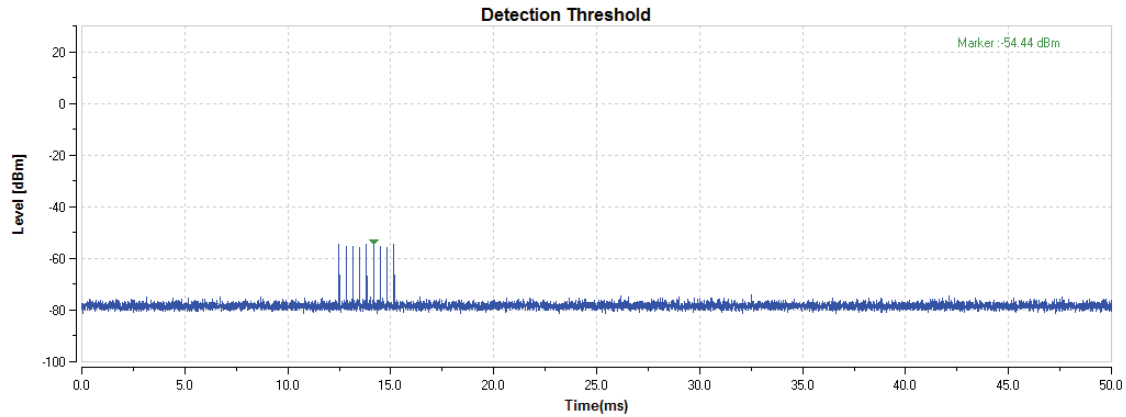
Radar Detection Bandwidth

5 MHz

Trial List

|   |          | Trial Id | Radar Type | Number of Bursts | Burst Period (s) | Waveform Length (s) | Center Frequency (GHz) |  |  |
|---|----------|----------|------------|------------------|------------------|---------------------|------------------------|--|--|
| + | Download | 0        | Type 5     | 15               | 0.8000000        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 1        | Type 5     | 8                | 1.5000000        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 2        | Type 5     | 11               | 1.0909091        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 3        | Type 5     | 20               | 0.6000000        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 4        | Type 5     | 17               | 0.7058824        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 5        | Type 5     | 14               | 0.8571429        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 6        | Type 5     | 15               | 0.8000000        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 7        | Type 5     | 12               | 1.0000000        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 8        | Type 5     | 14               | 0.8571429        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 9        | Type 5     | 8                | 1.5000000        | 12.0000000          | 5.500000000            |  |  |
| + | Download | 10       | Type 5     | 17               | 0.7058824        | 12.0000000          | 5.503900000            |  |  |
| + | Download | 11       | Type 5     | 19               | 0.6315789        | 12.0000000          | 5.505100000            |  |  |
| + | Download | 12       | Type 5     | 15               | 0.8000000        | 12.0000000          | 5.502700000            |  |  |
| + | Download | 13       | Type 5     | 12               | 1.0000000        | 12.0000000          | 5.501500000            |  |  |
| + | Download | 14       | Type 5     | 19               | 0.6315789        | 12.0000000          | 5.504700000            |  |  |
| + | Download | 15       | Type 5     | 14               | 0.8571429        | 12.0000000          | 5.502300000            |  |  |
| + | Download | 16       | Type 5     | 20               | 0.6000000        | 12.0000000          | 5.505500000            |  |  |
| + | Download | 17       | Type 5     | 12               | 1.0000000        | 12.0000000          | 5.501500000            |  |  |
| + | Download | 18       | Type 5     | 14               | 0.8571429        | 12.0000000          | 5.502300000            |  |  |
| + | Download | 19       | Type 5     | 12               | 1.0000000        | 12.0000000          | 5.501500000            |  |  |
| + | Download | 20       | Type 5     | 16               | 0.7500000        | 12.0000000          | 5.496500000            |  |  |
| + | Download | 21       | Type 5     | 12               | 1.0000000        | 12.0000000          | 5.498900000            |  |  |
| + | Download | 22       | Type 5     | 20               | 0.6000000        | 12.0000000          | 5.494500000            |  |  |
| + | Download | 23       | Type 5     | 14               | 0.8571429        | 12.0000000          | 5.497700000            |  |  |
| + | Download | 24       | Type 5     | 13               | 0.9230769        | 12.0000000          | 5.498100000            |  |  |
| + | Download | 25       | Type 5     | 8                | 1.5000000        | 12.0000000          | 5.500500000            |  |  |
| + | Download | 26       | Type 5     | 17               | 0.7058824        | 12.0000000          | 5.496100000            |  |  |
| + | Download | 27       | Type 5     | 19               | 0.6315789        | 12.0000000          | 5.494900000            |  |  |
| + | Download | 28       | Type 5     | 12               | 1.0000000        | 12.0000000          | 5.498500000            |  |  |

## Radar Type 6



| Trial List Table - FCC-13-22                                                                                                                           |          |          |            |                  |          |                |                    |                              |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------|------------------|----------|----------------|--------------------|------------------------------|--------------------------|
| <div>  Save            Load            ↑ Trigger            ↓ Download All         </div>                                                              |          |          |            |                  |          |                |                    |                              |                          |
| <div> <div>Sample Rate</div> <div>200 MHz</div> <div>Center Frequency</div> <div>5500 MHz</div> <div>Channel Bandwidth</div> <div>160 MHz</div> </div> |          |          |            |                  |          |                |                    |                              |                          |
| Trial List                                                                                                                                             |          |          |            |                  |          |                |                    |                              |                          |
|                                                                                                                                                        |          | Trial Id | Radar Type | Pulse Width (us) | PRI (us) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number |
| +                                                                                                                                                      | Download | 0        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 32                       |
| +                                                                                                                                                      | Download | 1        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 27                       |
| +                                                                                                                                                      | Download | 2        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 25                       |
| +                                                                                                                                                      | Download | 3        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 33                       |
| +                                                                                                                                                      | Download | 4        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 37                       |
| +                                                                                                                                                      | Download | 5        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 30                       |
| +                                                                                                                                                      | Download | 6        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 33                       |
| +                                                                                                                                                      | Download | 7        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 27                       |
| +                                                                                                                                                      | Download | 8        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 33                       |
| +                                                                                                                                                      | Download | 9        | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 30                       |
| +                                                                                                                                                      | Download | 10       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 37                       |
| +                                                                                                                                                      | Download | 11       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 36                       |
| +                                                                                                                                                      | Download | 12       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 38                       |
| +                                                                                                                                                      | Download | 13       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 35                       |
| +                                                                                                                                                      | Download | 14       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 28                       |
| +                                                                                                                                                      | Download | 15       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 37                       |
| +                                                                                                                                                      | Download | 16       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 35                       |
| +                                                                                                                                                      | Download | 17       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 37                       |
| +                                                                                                                                                      | Download | 18       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 27                       |
| +                                                                                                                                                      | Download | 19       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 34                       |
| +                                                                                                                                                      | Download | 20       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 35                       |
| +                                                                                                                                                      | Download | 21       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 37                       |
| +                                                                                                                                                      | Download | 22       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 41                       |
| +                                                                                                                                                      | Download | 23       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 36                       |
| +                                                                                                                                                      | Download | 24       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 29                       |
| +                                                                                                                                                      | Download | 25       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 32                       |
| +                                                                                                                                                      | Download | 26       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 30                       |
| +                                                                                                                                                      | Download | 27       | Type 6     | 1.0              | 333.3    | 9              | 0.3333             | 300.0000000                  | 31                       |

### 13.5. Channel closing transmission time, channel move time and non-occupancy period

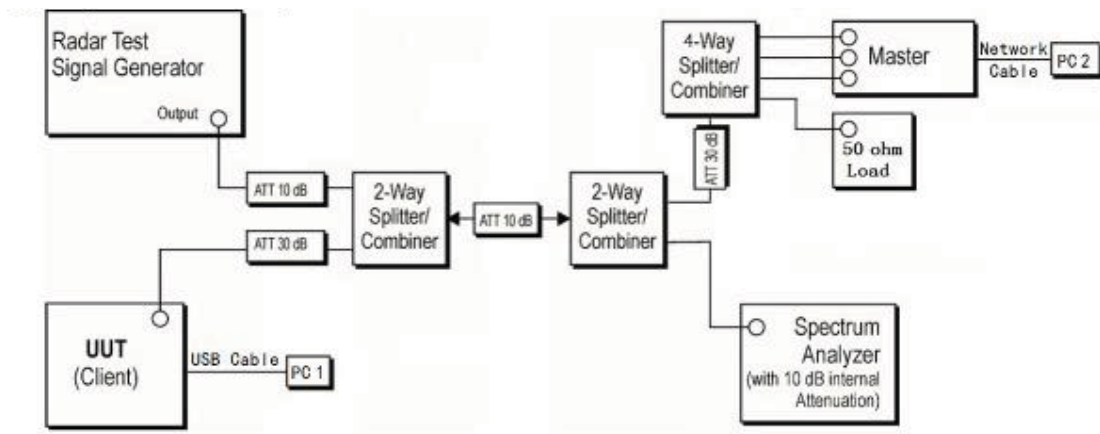
Block diagram of test setup Test Procedure:

- (1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- (2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- (3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- (4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Test Software in order to properly load the network for the entire period of the test.
- (5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- (6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- (7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the
- (8) spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

### 13.6. Test setup

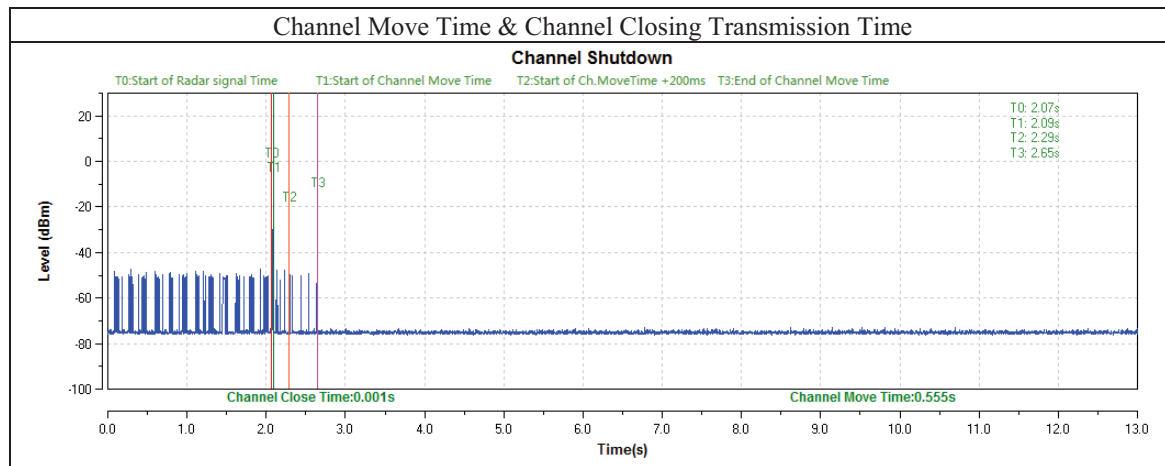
Setup for Client with injection at the Master



### 13.7. Test result

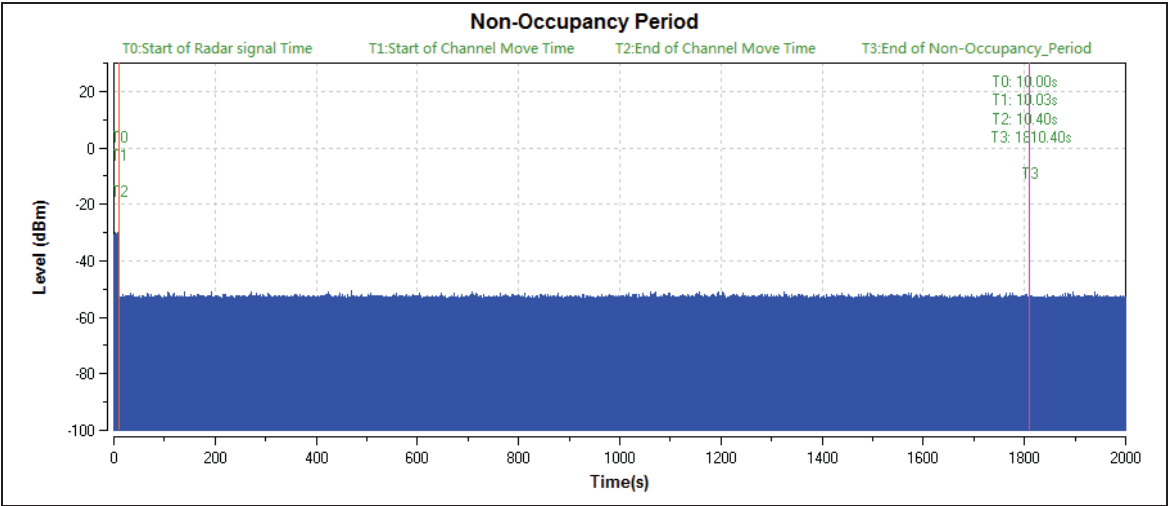
| BW/Channel  | Test Item                         | Test Result | Limit  | Results |
|-------------|-----------------------------------|-------------|--------|---------|
| 80M/5530MHz | Channel Move Time                 | 0.555s      | < 10 s | pass    |
|             | Channel Closing Transmission Time | 0.001s      | < 1s   | pass    |

Test plots as follows:



| BW/Channel  | Test Item            | Test Result | Limit | Results |
|-------------|----------------------|-------------|-------|---------|
| 80M/5530MHz | Non-Occupancy Period | >30min      | 30min | pass    |

|                      |
|----------------------|
| Non-Occupancy Period |
|----------------------|



**END OF REPORT**