

# NCC

## 低功率射頻電機型式試驗報告

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申請者: Shure Incorporated  
地址: 5800 West Touhy Avenue, Niles, IL 60714-4608, USA  
產品名稱(英文): Wireless Transmitter  
型號.: P10T G62  
廠牌: SHURE  
商標:   
測試標準: 低功率射頻電機技術規範(107 年版)  
結果: Complies  
測試日期: 108 年 11 月 15 日 ~ 108 年 11 月 25 日  
接收日期: 108 年 11 月 14 日

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## 修訂記錄

| 報告編號          | 版本  | 描述              | 發行日期       |
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## 1. 一般資訊

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 申請者       | Shure Incorporated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 申請者地址     | 5800 West Touhy Avenue, Niles, IL 60714-4608, USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 製造商       | Shure Incorporated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 製造商地址     | 5800 West Touhy Avenue, Niles, IL 60714-4608, USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 實驗室       | 台灣曼瑞檢測科技有限公司                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 實驗室地址     | 33377 台灣桃園市龜山區復興二路 38 號                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 實驗室資訊     | <ol style="list-style-type: none"> <li>1. MRT facility is a FCC registered ( Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Film.</li> <li>2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.</li> <li>3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC, Industry Taiwan, EU and TELEC Rules</li> </ol> |
| 實驗室測試環境條件 | 溫度 (°C) : 20-35 / 濕度 (%RH) : 30-65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## 2. 待測物規格

|        |                                      |
|--------|--------------------------------------|
| 產品名稱   | Wireless Transmitter                 |
| 產品型號   | P10T G62                             |
| 待測物電壓  | AC 110V/60Hz                         |
| 頻率範圍   | 510~ 530MHz                          |
| 傳導功率等級 | 10mW & 50mW                          |
| 調製類型   | FM                                   |
| 通道間隔   | 25kHz                                |
| 配件     |                                      |
| 電源線組   | MFR :健力電業製造廠有限公司<br>型號 : KE-59+KE-24 |

### 2.1. 操作頻率

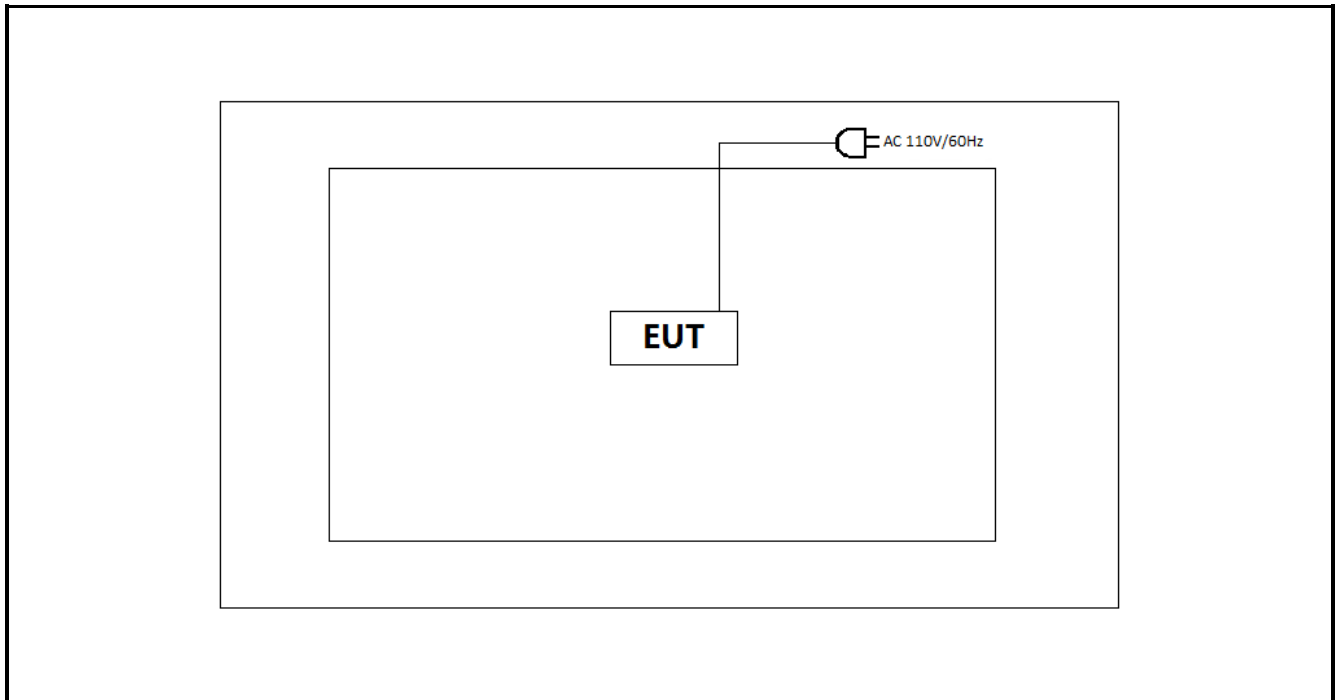
| 通道  | 頻率          |
|-----|-------------|
| LOW | 510.125 MHz |
| ... | ...         |
| MID | 520.000 MHz |
| ... | ...         |
| HIG | 529.875 MHz |

### 3. 待測物架設

#### 3.1. 測試模式

|                  |
|------------------|
| Test Mode        |
| Mode 1: Transmit |

#### 3.2. 測試架設示意圖



#### 3.3. 操作程式

|                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Turn on the power of all equipment, press the button to start continue carrier transmit, and input some audio signals through the audio-in port by audio analyzer, then start to test. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 4. 測試設備明細

### 傳導干擾 -SR2

| 儀器名稱               | 製造商    | 型號                          | 財產編號        | 校正週期   | 校正有效日期    |
|--------------------|--------|-----------------------------|-------------|--------|-----------|
| Two-Line V-Network | R&S    | ENV216                      | MRTTWA00019 | 1 year | 2020/3/25 |
| Two-Line V-Network | R&S    | ENV216                      | MRTTWA00020 | 1 year | 2020/4/25 |
| 8-Wire ISN (T8)    | R&S    | ENY81                       | MRTTWA00018 | 1 year | 2020/4/23 |
| Cable              | Rosnol | N1C50-RG400-B1C50<br>-500CM | MRTTWE00013 | 1 year | 2020/5/18 |
| EMI Test Receiver  | R&S    | ESR3                        | MRTTWA00009 | 1 year | 2020/3/25 |

### 輻射干擾 - AC1

| 儀器名稱                        | 製造商         | 型號         | 財產編號        | 校正週期   | 有效日期      |
|-----------------------------|-------------|------------|-------------|--------|-----------|
| Broadband TRILOG<br>Antenna | SCHWARZBECK | VULB 9162  | MRTTWA00001 | 1 year | 2020/6/4  |
| EMI Test Receiver           | R&S         | ESR3       | MRTTWA00009 | 1 year | 2020/3/25 |
| Active Loop Antenna         | Schwarzbeck | FMZB 1519B | MRTTWA00002 | 1 year | 2020/4/29 |
| Broadband Horn antenna      | SCHWARZBECK | BBHA 9120D | MRTTWA00003 | 1 year | 2020/4/22 |
| Breitband Hornantenna       | Schwarzbeck | BBHA 9170  | MRTTWA00004 | 1 year | 2020/4/23 |
| Broadband Amplifier         | Schwarzbeck | BBV 9721   | MRTTWA00006 | 1 year | 2020/4/24 |
| Broadband Preamplifier      | SCHWARZBECK | BBV 9718   | MRTTWA00005 | 1 year | 2020/4/24 |
| Cable                       | HUBERSUHNER | SF106      | MRTTWE00010 | 1 year | 2020/6/18 |

### 傳導量測設備 -SR2

| 儀器名稱                                          | 製造商             | 型號            | 財產編號        | 校正週期   | 有效日期       |
|-----------------------------------------------|-----------------|---------------|-------------|--------|------------|
| EXA Signal Analyzer                           | KEYSIGHT        | N9010A        | MRTTWA00012 | 1 year | 2020/7/30  |
| X-Series USB Peak and<br>Average Power Sensor | KEYSIGHT        | U2021XA       | MRTTWA00015 | 1 year | 2020/3/26  |
| Modulation Analyzer                           | Hewlett Packard | HP8901A       | MRTSUE06098 | 1 year | 2020/10/10 |
| Temperature/Humidity<br>Meter                 | TFA             | 35.1078.10.IT | MRTTWA00033 | 1 year | 2020/5/30  |

### EMI 測試軟體

| 軟體名稱 | 製造商     | 版本        |
|------|---------|-----------|
| e3   | Audix   | 9.160520a |
| EMI  | Quietek | V3        |

## 5. 量測不確定度

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| 電源傳導量測-電源線 (Conducted Emission- Power Line)                                                               |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 2.53dB                            |
| 電源傳導量測-通訊埠 (Conducted Emission- Impedance Stabilization Network Measurement )                             |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 3.96dB                            |
| 輻射干擾量測 (Radiated Spurious Emission)                                                                       |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 3.92dB (Below 30M)                |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 4.25dB (30M~1G)                   |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 4.40dB (1G~18G)                   |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 4.45dB (18G~40G)                  |
| 頻率誤差量測 (Frequency Error)                                                                                  |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 78.4\text{Hz}$               |
| 傳導功率量測 (Conducted Power)                                                                                  |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 0.84\text{dB}$               |
| 傳導干擾量測 (Conducted Spurious Emission)                                                                      |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 2.65\text{ dB}$              |
| 佔用頻寬量測 (Occupied Bandwidth)                                                                               |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): 3.3%                              |
| 溫度 / 濕度 (Temp. / Humidity )                                                                               |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 0.82^\circ\text{C}/ \pm 3\%$ |
| 直流電源 (DC Voltage)                                                                                         |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2U_c(y)$ ): $\pm 0.3\%$                       |

## 6. 測試摘要

| LP0002 章節                                                                                                                                                                                        | 量測項目     | 測試結果 | 測試數據    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|---------|
| 2.3                                                                                                                                                                                              | 電源端點干擾測試 | 符合   | 第 7 章節  |
| 2.2 & 4.6.8                                                                                                                                                                                      | 天線之要求    | 符合   | 第 8 章節  |
| 4.6.5                                                                                                                                                                                            | 頻率穩定度    | 符合   | 第 9 章節  |
| 4.6.4                                                                                                                                                                                            | 頻移量      | 符合   | 第 10 章節 |
| 4.6.3                                                                                                                                                                                            | 主波發射功率   | 符合   | 第 11 章節 |
| 4.6.2                                                                                                                                                                                            | 必須頻帶寬度   | 符合   | 第 12 章節 |
| 4.6.6                                                                                                                                                                                            | 混附發射     | 符合   | 第 13 章節 |
| <p>備註 1: 針對主波發射功率和混附發射, 待測物每個軸向(X, Y, Z)均有評估。報告中呈現最差軸向模式資料。</p> <p>備註 2: 針對頻率穩定度, 待測物僅評估了最大功率等級。針對其他測試項目, 待測物評估了所有兩個不同功率等級。</p> <p>備註 3: 符合性的判定是基於測試結果符合規範的限制值或客戶的宣告要求, 測試結果的判定是不考慮測量不確定度的值。</p> |          |      |         |

## 7. 電源端點干擾測試

### 7.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 150kHz 至 30MHz 之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限值。測量時應經過 50 微亨利( $\mu\text{H}$ )及 50 歐姆( $\Omega$ )之電源線阻抗模擬網路(LISN)。頻率重疊處，以較低限值為準。

| Frequency 頻率範圍<br>MHz | 傳導限制值(dBuV)            |                        |
|-----------------------|------------------------|------------------------|
|                       | 準尖峰值                   | 平均值                    |
| 0.15 - 0.50           | 66 - 56 <sup>(註)</sup> | 56 - 46 <sup>(註)</sup> |
| 0.50 - 5.0            | 56                     | 46                     |
| 5.0 - 30              | 60                     | 50                     |

註:隨頻率之對數遞減

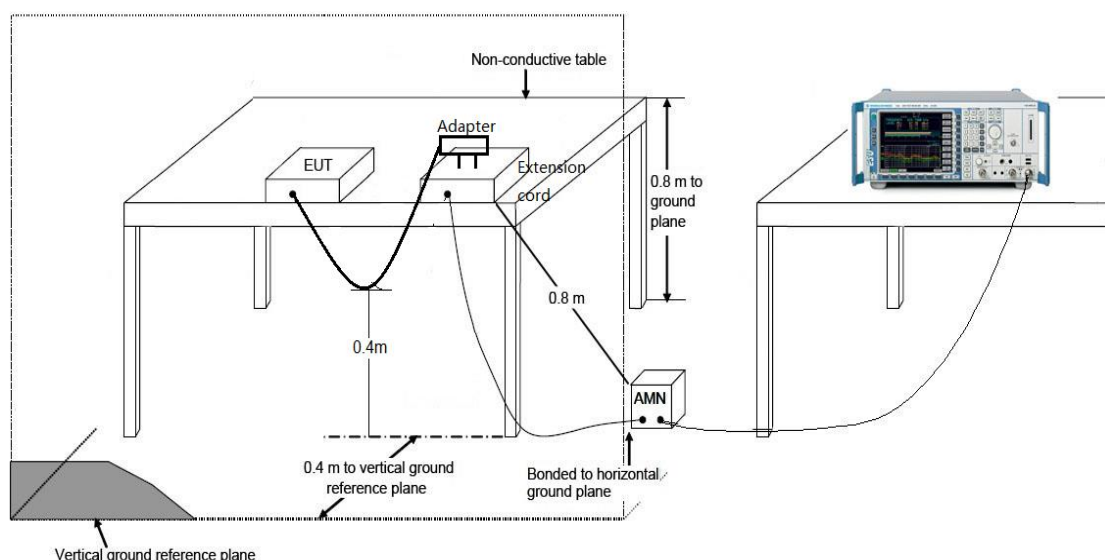
### 7.2. 量測方法

待測物置於高 80 公分之非導體桌面（落地型產品置於地上），將待測物之電源線接至電源阻抗網路器(LISN)，同時保持待測物至 LISN 距 80 公分，並將電源線多餘部份以 30 至 40 公分之八字形捆綁於電源線中央並離地 40cm，於在正常工作狀態下，執行待測物之火線(Line)及地線(neutral)各一次量測。

電源端點場強之測量範圍由 0.15MHz–30MHz，所量測之讀值皆為準尖峰值(Quasi-Peak Value)及平均值(Average Value)。場強接收機之解析頻寬為 9kHz。

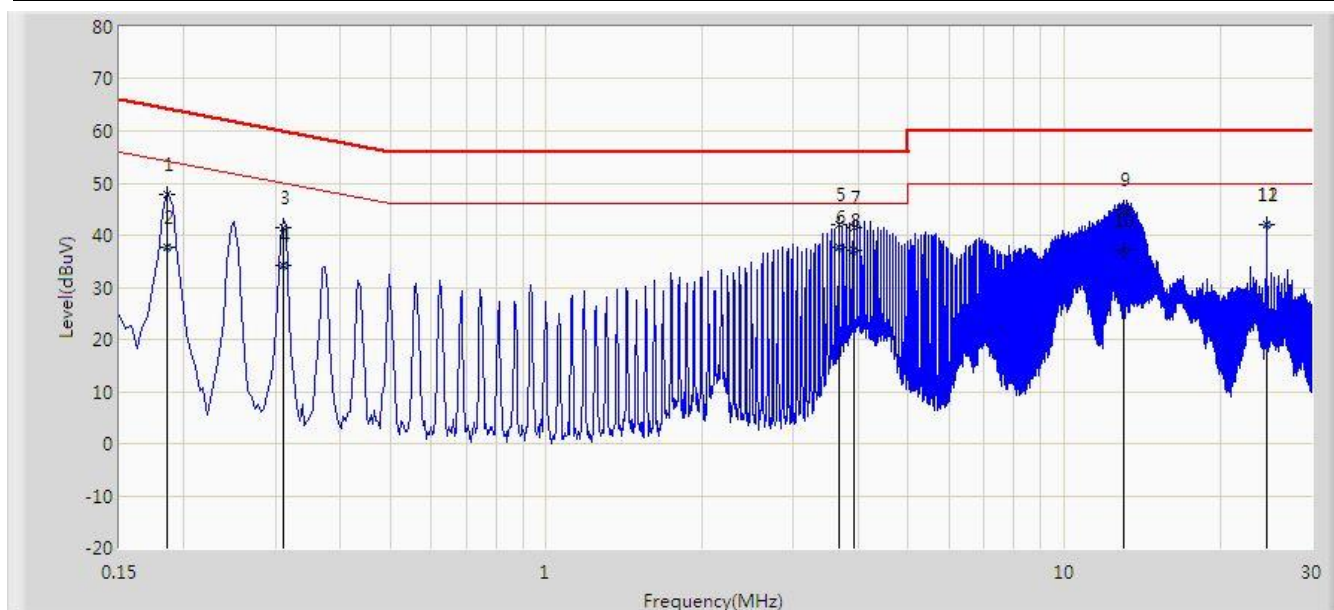
備註: 經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數。

### 7.3. 測試架構圖



#### 7.4. 電源端點測試結果

|                                     |                           |
|-------------------------------------|---------------------------|
| Site: SR2                           | Time: 2019/11/16 - 18: 16 |
| Limit: NCC LP0002_CE_0.15MHz-30-MHz | Engineer: Kevin Ker       |
| Probe: CE_ENV216-L1 (Filter ON)     | Polarity: Line            |
| EUT: Wireless Transmitter           | Power: AC 110V/60Hz       |
| Test Mode: Mode1                    |                           |

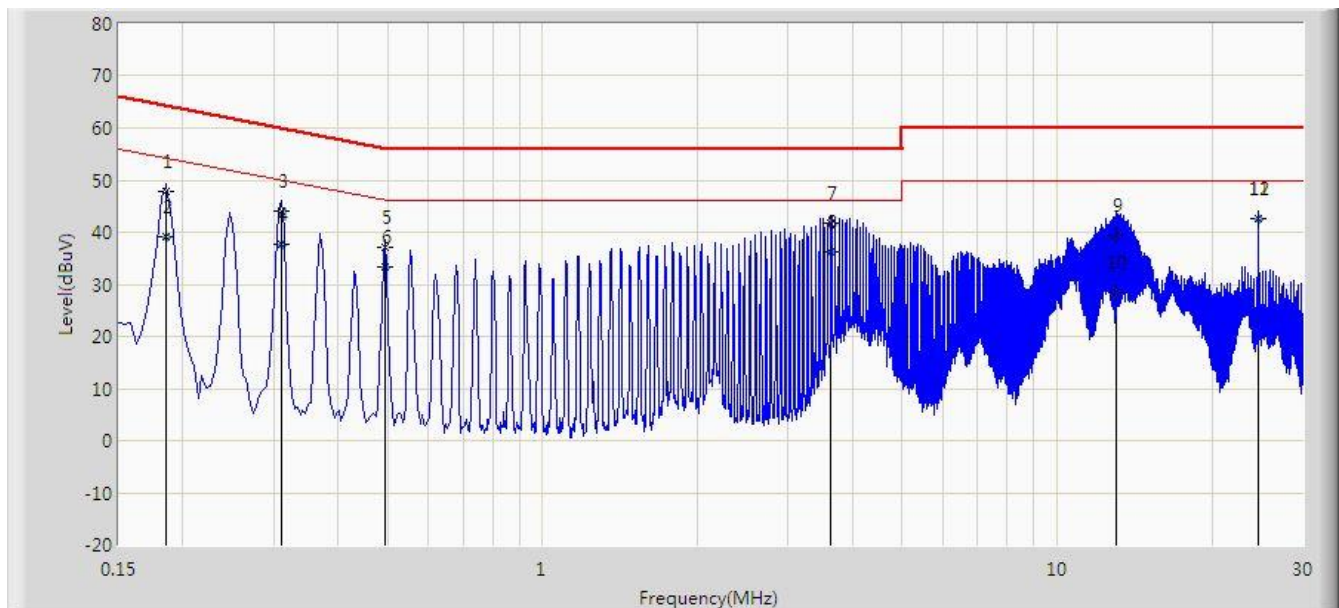


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV) | Factor (dB) | Type |
|----|------|------|-----------------|----------------------|----------------------|-------------|--------------|-------------|------|
| 1  |      |      | 0.186           | 47.694               | 38.109               | -16.519     | 64.213       | 9.585       | QP   |
| 2  |      |      | 0.186           | 37.755               | 28.170               | -16.458     | 54.213       | 9.585       | AV   |
| 3  |      |      | 0.310           | 41.464               | 31.856               | -18.507     | 59.970       | 9.608       | QP   |
| 4  |      |      | 0.310           | 34.104               | 24.496               | -15.867     | 49.970       | 9.608       | AV   |
| 5  |      | *    | 3.685           | 42.039               | 32.322               | -13.961     | 56.000       | 9.717       | QP   |
| 6  |      |      | 3.685           | 37.539               | 27.822               | -8.461      | 46.000       | 9.717       | AV   |
| 7  |      |      | 3.934           | 41.360               | 31.639               | -14.640     | 56.000       | 9.721       | QP   |
| 8  |      |      | 3.934           | 37.160               | 27.439               | -8.840      | 46.000       | 9.721       | AV   |
| 9  |      |      | 13.038          | 44.836               | 34.924               | -15.164     | 60.000       | 9.912       | QP   |
| 10 |      |      | 13.038          | 37.111               | 27.199               | -12.889     | 50.000       | 9.912       | AV   |
| 11 |      |      | 24.574          | 42.169               | 32.189               | -17.831     | 60.000       | 9.980       | QP   |
| 12 |      |      | 24.574          | 42.164               | 32.184               | -7.836      | 50.000       | 9.980       | AV   |

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

|                                     |                           |
|-------------------------------------|---------------------------|
| Site: SR2                           | Time: 2019/11/16 - 18: 26 |
| Limit: NCC LP0002_CE_0.15MHz-30-MHz | Engineer: Kevin Ker       |
| Probe: CE_ENV216-N (Filter ON)      | Polarity: Neutral         |
| EUT: Wireless Transmitter           | Power: AC 110V/60Hz       |
| Test Mode: Mode1                    |                           |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV) | Factor (dB) | Type |
|----|------|------|-----------------|----------------------|----------------------|-------------|--------------|-------------|------|
| 1  |      |      | 0.186           | 47.837               | 38.230               | -16.377     | 64.213       | 9.607       | QP   |
| 2  |      |      | 0.186           | 39.087               | 29.480               | -15.127     | 54.213       | 9.607       | AV   |
| 3  |      |      | 0.310           | 44.024               | 34.412               | -15.946     | 59.970       | 9.612       | QP   |
| 4  |      |      | 0.310           | 37.619               | 28.007               | -12.351     | 49.970       | 9.612       | AV   |
| 5  |      |      | 0.494           | 37.147               | 27.537               | -18.953     | 56.100       | 9.610       | QP   |
| 6  |      |      | 0.494           | 33.405               | 23.795               | -12.695     | 46.100       | 9.610       | AV   |
| 7  |      |      | 3.632           | 41.731               | 32.022               | -14.269     | 56.000       | 9.709       | QP   |
| 8  |      |      | 3.632           | 36.131               | 26.422               | -9.869      | 46.000       | 9.709       | AV   |
| 9  |      |      | 13.060          | 39.416               | 29.478               | -20.584     | 60.000       | 9.938       | QP   |
| 10 |      |      | 13.060          | 28.516               | 18.578               | -21.484     | 50.000       | 9.938       | AV   |
| 11 |      |      | 24.574          | 42.563               | 32.458               | -17.437     | 60.000       | 10.105      | QP   |
| 12 |      | *    | 24.574          | 42.551               | 32.446               | -7.449      | 50.000       | 10.105      | AV   |

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

## 8. 天線之要求

### 8.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 2.2 節要求：

低功率射頻電機之發射機或收發信機所使用之天線，除本規範章節中另有規定外，應為全固定、半固定式或以獨特之耦合(unique coupling)方式連接機體。

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.6.8 節要求：

傳輸發射訊號之天線不可與機體分離。

### 8.2. 天線樣式

| 天線類型                   | 製造商                | 型號          | 最大峰值 (dBi) |
|------------------------|--------------------|-------------|------------|
| Dipole Antenna (Ant 1) | Shure Incorporated | UA8-470-542 | 1.2        |
| Dipole Antenna (Ant 2) | Shure Incorporated | UA8-470-542 | 1.2        |

待測物天線為全固定式天線，且天線與機體不可分離，滿足低功率射頻電機技術規範要求。

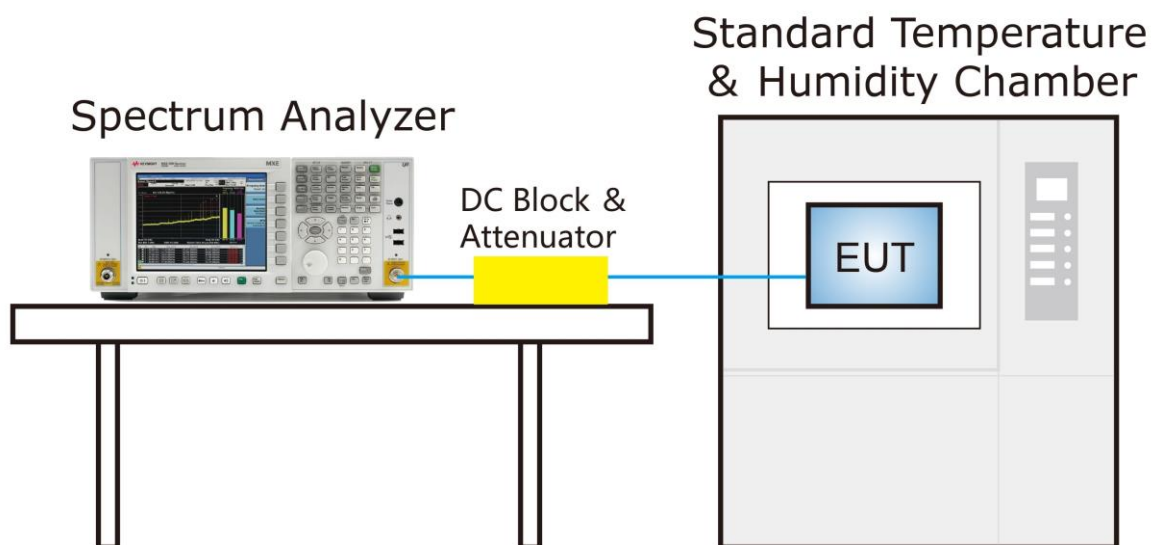
## 9. 頻率穩定度

### 9.1. 限值要求

操作頻率小於1 GHz 之系統: 20 ppm。

### 9.2. 測試架構圖

傳導量測



### 9.3. 量測步驟

參照法規ETSI EN 300 422-1 V2.1.2 (2017-01) 章節 8.1.2.

#### 9.4. 頻率穩定度測試結果

|       |                             |      |            |
|-------|-----------------------------|------|------------|
| 待測物   | Wireless Transmitter        | 測試溫度 | -10 ~ 45°C |
| 測試工程師 | Kevin Ker                   | 測試濕度 | 64%        |
| 測試場地  | SR1                         | 測試日期 | 2019/11/16 |
| 測試模式  | Mode 1 (Carrier Mode Ant 1) |      |            |

| 測試條件     |           | 操作中心頻率<br>(MHz) | 量測頻率<br>(MHz) | 結果<br>(ppm) | 限值要求<br>(ppm) |
|----------|-----------|-----------------|---------------|-------------|---------------|
| T(45°C)  | AC 110V   | 510.125         | 510.1249441   | -0.11       | ±20           |
|          |           | 520.000         | 519.9999341   | -0.13       | ±20           |
|          |           | 529.875         | 529.8749339   | -0.12       | ±20           |
| T(35°C)  | AC 110V   | 510.125         | 510.1249430   | -0.11       | ±20           |
|          |           | 520.000         | 519.9999370   | -0.12       | ±20           |
|          |           | 529.875         | 529.8749282   | -0.14       | ±20           |
| T(20°C)  | AC 110V   | 510.125         | 510.1249410   | -0.12       | ±20           |
|          |           | 520.000         | 519.9999353   | -0.12       | ±20           |
|          |           | 529.875         | 529.8749318   | -0.13       | ±20           |
|          | AC 93.5V  | 510.125         | 510.1249385   | -0.12       | ±20           |
|          |           | 520.000         | 519.9999331   | -0.13       | ±20           |
|          |           | 529.875         | 529.8749289   | -0.13       | ±20           |
|          | AC 126.5V | 510.125         | 510.1249411   | -0.12       | ±20           |
|          |           | 520.000         | 519.9999346   | -0.13       | ±20           |
|          |           | 529.875         | 529.8749321   | -0.13       | ±20           |
| T(10°C)  | AC 110V   | 510.125         | 510.1249394   | -0.12       | ±20           |
|          |           | 520.000         | 519.9999327   | -0.13       | ±20           |
|          |           | 529.875         | 529.8749320   | -0.13       | ±20           |
| T(0°C)   | AC 110V   | 510.125         | 510.1249411   | -0.12       | ±20           |
|          |           | 520.000         | 519.9999365   | -0.12       | ±20           |
|          |           | 529.875         | 529.8749304   | -0.13       | ±20           |
| T(-10°C) | AC 110V   | 510.125         | 510.1249384   | -0.12       | ±20           |
|          |           | 520.000         | 519.9999315   | -0.13       | ±20           |
|          |           | 529.875         | 529.8749268   | -0.14       | ±20           |

備註 1: 結果(ppm) = [量測頻率 - 操作中心頻率] / 操作中心頻率 \* 10<sup>6</sup> 。

備註 2: AC 電壓由製造者所宣告。

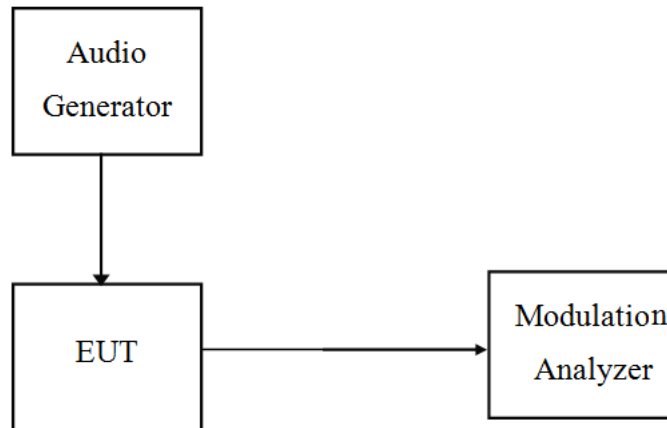
## 10. 頻移量

### 10.1. 限值要求

小於或等於 $\pm 75$  kHz。

### 10.2. 測試架構圖

傳導量測



### 10.3. 量測步驟

參照法規TIA-603-D~

1. 音頻產生器直接連至待測物。
2. 設定Modulation Analyzer量測peak positive deviation, 量測1 kHz、300Hz和3 kHz的modulation response。
3. 設定音頻產生器產生1kHz音頻訊號到待測物，調整音頻電壓使待測物產生60%的系統額定頻移量。逐漸增加音頻電壓，記錄每個電壓的頻移量。
4. 設定Modulation Analyzer量測peak negative deviation，重複步驟3到步驟5

#### 10.4. 頻移量測試結果

|       |                                  |      |            |
|-------|----------------------------------|------|------------|
| 待測物   | Wireless Transmitter             | 測試溫度 | 22°C       |
| 測試工程師 | Kevin Ker                        | 測試濕度 | 64%        |
| 測試場地  | SR1                              | 測試日期 | 2019/11/20 |
| 測試模式  | Mode 1 (Carrier Mode) Ant 1 Port |      |            |

| 輸入訊號頻率 | Input Level (V) | 偏移量@60% kHz | Limit |
|--------|-----------------|-------------|-------|
| 1kHz   | 0.312           | 20.4        | N/A   |

Note: The maximum permissible frequency deviation is 34kHz which is declared by the manufacturer.

| 輸入訊號頻率 | Input Level (dB) | Input Level (V) | 偏移量(Measure)kHz | Limit |
|--------|------------------|-----------------|-----------------|-------|
| 1kHz   | -20              | 0.031           | -8.56           | 75kHz |
| 1kHz   | -15              | 0.055           | -6.45           | 75kHz |
| 1kHz   | -10              | 0.099           | -4.36           | 75kHz |
| 1kHz   | -5               | 0.175           | -2.23           | 75kHz |
| 1kHz   | 0                | 0.312           | 0.00            | N/A   |
| 1kHz   | 5                | 0.555           | 2.63            | 75kHz |
| 1kHz   | 10               | 0.987           | 5.46            | 75kHz |
| 1kHz   | 15               | 1.755           | 8.55            | 75kHz |
| 1kHz   | 20               | 3.120           | 11.98           | 75kHz |

| 輸入訊號頻率 | Input Level (dB) | Input Level (V) | 偏移量(Measure)kHz | Limit |
|--------|------------------|-----------------|-----------------|-------|
| 300Hz  | -20              | 0.031           | -5.17           | 75kHz |
| 300Hz  | -15              | 0.055           | -3.88           | 75kHz |
| 300Hz  | -10              | 0.099           | -2.50           | 75kHz |
| 300Hz  | -5               | 0.175           | -1.27           | 75kHz |
| 300Hz  | 0                | 0.312           | 0.00            | 75kHz |
| 300Hz  | 5                | 0.555           | 1.46            | 75kHz |
| 300Hz  | 10               | 0.987           | 2.96            | 75kHz |
| 300Hz  | 15               | 1.755           | 4.72            | 75kHz |
| 300Hz  | 20               | 3.120           | 6.64            | 75kHz |

| 輸入訊號頻率 | Input Level (dB) | Input Level(V) | 偏移量(Measure)kHz | Limit |
|--------|------------------|----------------|-----------------|-------|
| 3kHz   | -20              | 0.031          | -9.62           | 75kHz |
| 3kHz   | -15              | 0.055          | -7.53           | 75kHz |
| 3kHz   | -10              | 0.099          | -5.20           | 75kHz |
| 3kHz   | -5               | 0.175          | -2.75           | 75kHz |
| 3kHz   | 0                | 0.312          | 0.00            | 75kHz |
| 3kHz   | 5                | 0.555          | 3.02            | 75kHz |
| 3kHz   | 10               | 0.987          | 6.36            | 75kHz |
| 3kHz   | 15               | 1.755          | 10.03           | 75kHz |
| 3kHz   | 20               | 3.120          | 15.09           | 75kHz |

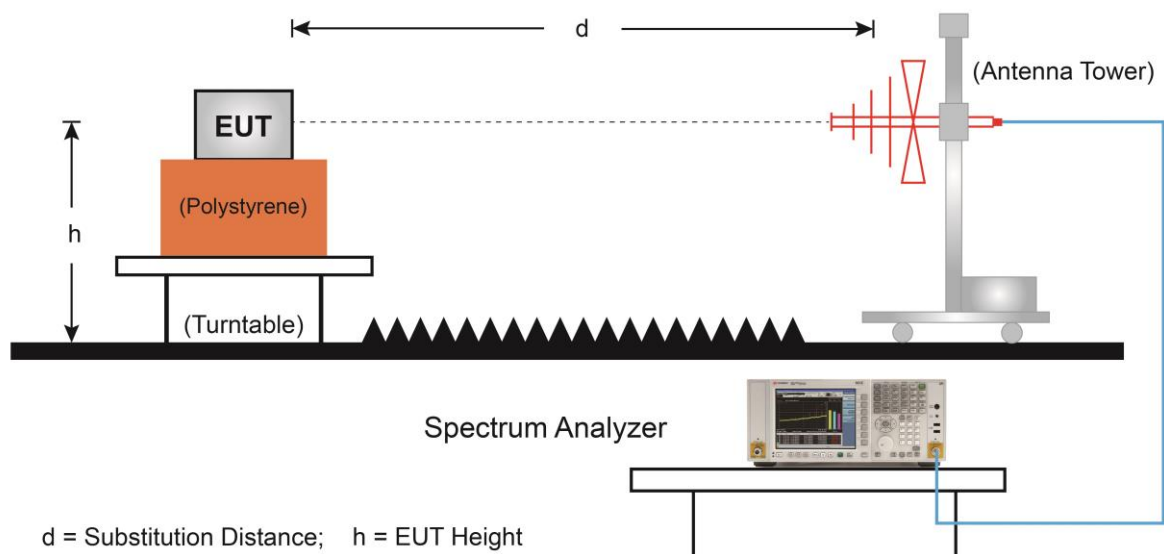
## 11. 主波發射功率

### 11.1. 限值要求

操作於 510.0 MHz~530.0 MHz 者：50 mW 以下。

## 11.2. 測試架構圖

## 輻射量測



### 11.3. 量測步驟

參照法規 ETSI EN 300 422-1 V2.1.2 (2017-01) 章節 8.2.2.

#### 11.4. 主波發射功率測試結果

|       |                      |      |            |
|-------|----------------------|------|------------|
| 待測物   | Wireless Transmitter | 測試溫度 | -10 ~ 45°C |
| 測試工程師 | Kevin Ker            | 測試濕度 | 52%        |
| 測試場地  | AC1/SR1              | 測試日期 | 2019/11/16 |
| 測試模式  | Mode 1               |      |            |

| 功率等級<br>(mW) | 操作頻率<br>(MHz) | 主波量測值<br>(dBm) | 主波量測值<br>(mW) | 限值要求<br>(mW) | 結果 |
|--------------|---------------|----------------|---------------|--------------|----|
| Ant 1        |               |                |               |              |    |
| 10           | 510.125       | 7.57           | 5.71          | 50           | 符合 |
|              | 520.000       | 7.76           | 5.97          | 50           | 符合 |
|              | 529.875       | 7.87           | 6.12          | 50           | 符合 |
| 50           | 510.125       | 14.64          | 29.11         | 50           | 符合 |
|              | 520.000       | 14.78          | 30.06         | 50           | 符合 |
|              | 529.875       | 14.90          | 30.90         | 50           | 符合 |
| Ant 2        |               |                |               |              |    |
| 10           | 510.125       | 7.81           | 6.04          | 50           | 符合 |
|              | 520.000       | 7.99           | 6.30          | 50           | 符合 |
|              | 529.875       | 7.83           | 6.07          | 50           | 符合 |
| 50           | 510.125       | 14.85          | 30.55         | 50           | 符合 |
|              | 520.000       | 15.11          | 32.43         | 50           | 符合 |
|              | 529.875       | 14.83          | 30.41         | 50           | 符合 |

備註 1: 主波發射功率輻射量測時, 表格中體現的是每個極性/每個軸向中的最大值。

備註 2: 量測功率值 (mW) =  $10^{(\text{量測功率值 (dBm)} / 10)}$

## 12. 必須頻帶寬度

### 12.1. 限值要求

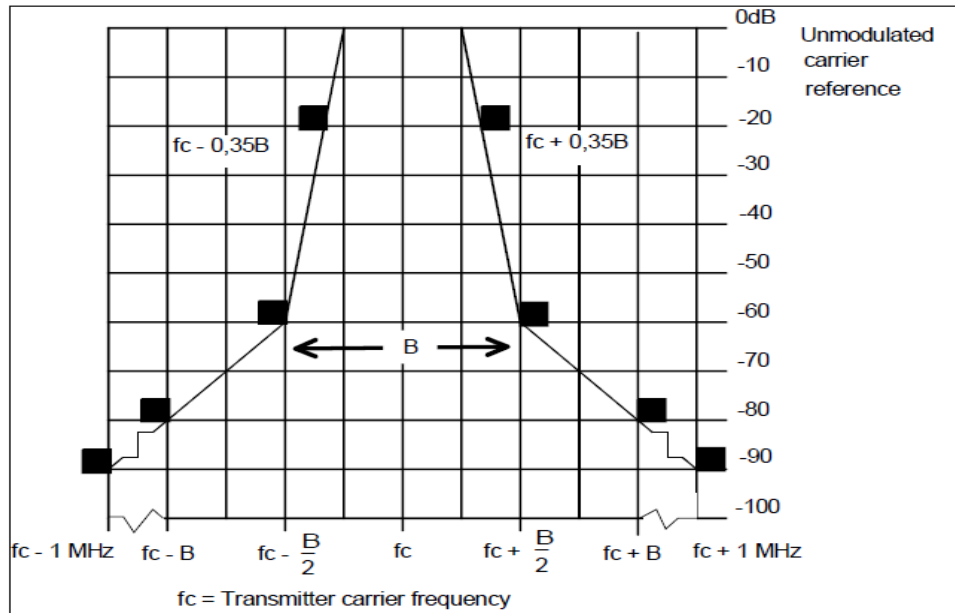
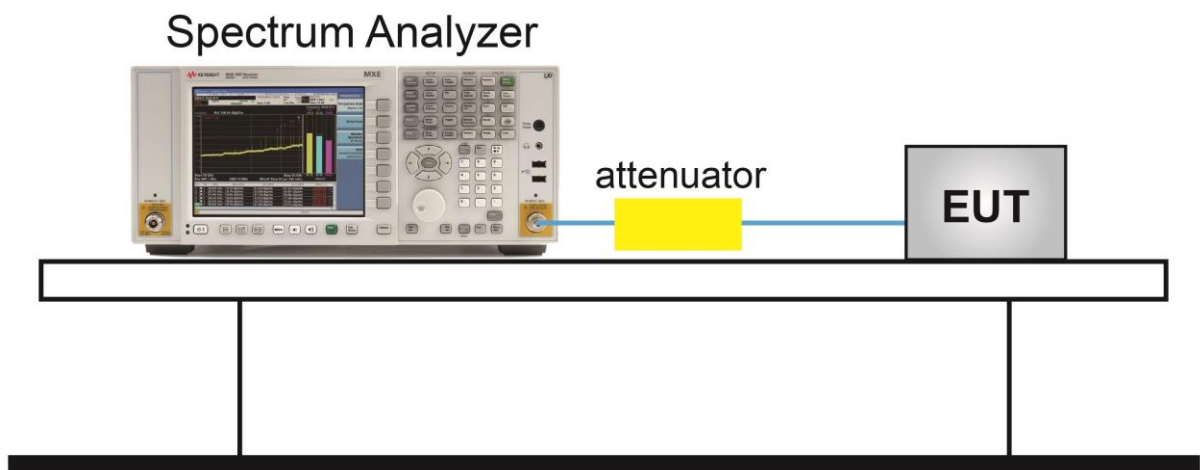


Figure 3: Spectrum mask for analogue systems in all bands

### 12.2. 測試架構圖



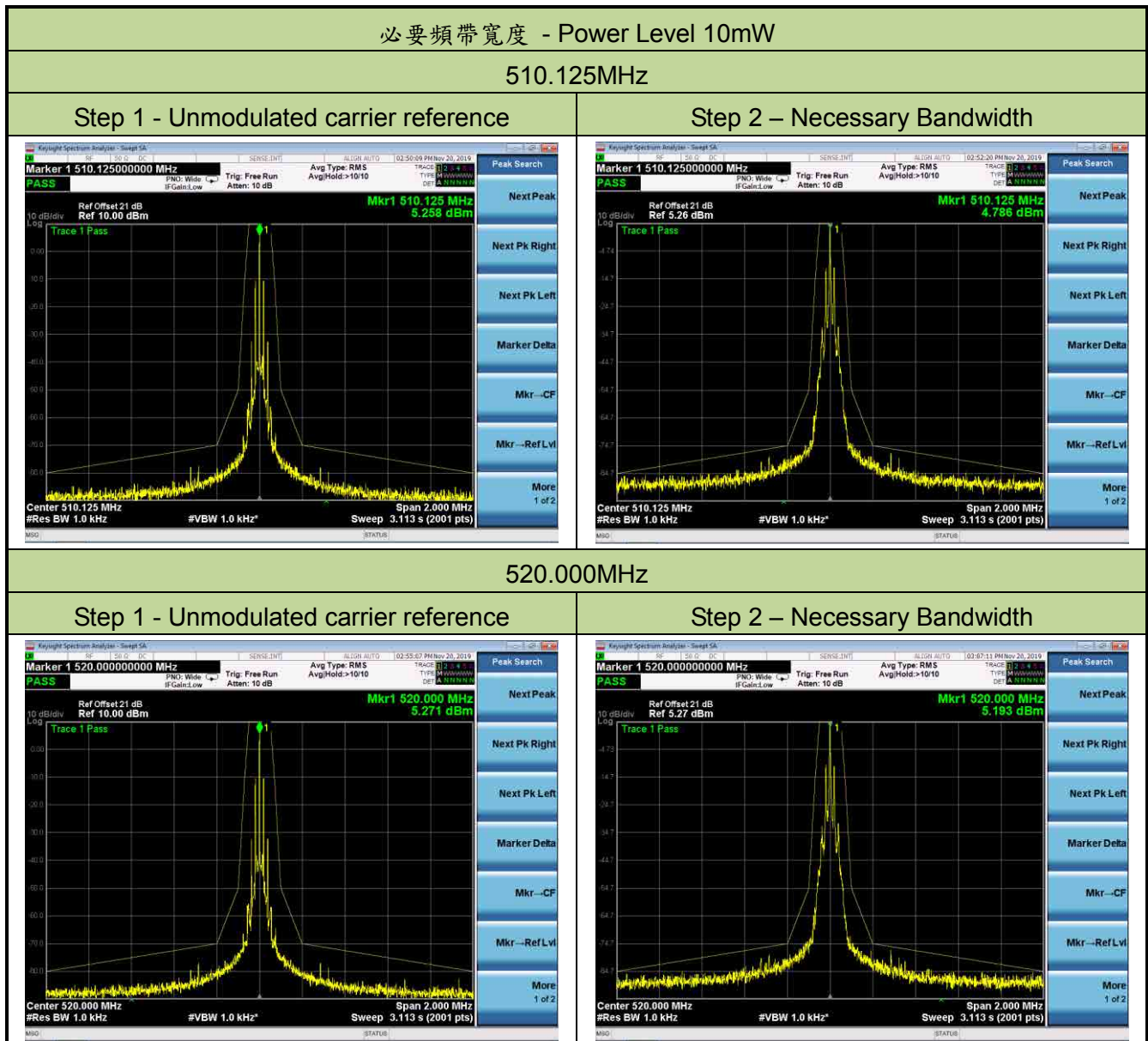
### 12.3. 量測步驟

參照法規 ETSI EN 300 422-1 V2.1.2 (2017-01) 章節 8.3.2.

## 12.4. 必要頻帶寬度測試結果

|       |                      |      |            |
|-------|----------------------|------|------------|
| 待測物   | Wireless Transmitter | 測試溫度 | 23°C       |
| 測試工程師 | Kevin Ker            | 測試濕度 | 46%        |
| 測試場地  | SR1                  | 測試日期 | 2019/11/20 |
| 測試模式  | Mode 1 (Ant 1)       |      |            |

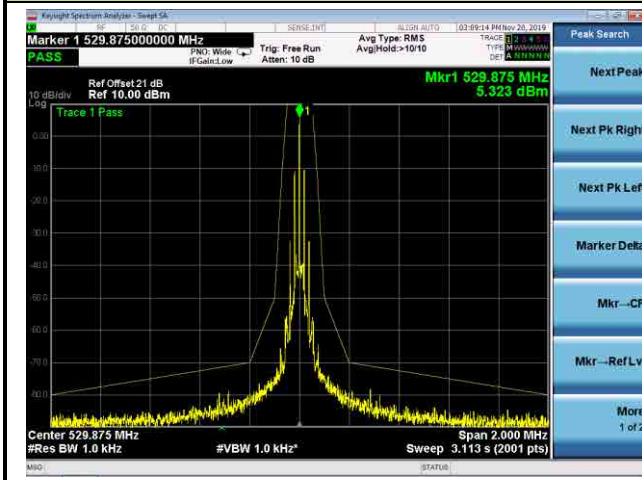
備註：B - 廠商宣稱頻帶寬度為 200kHz;



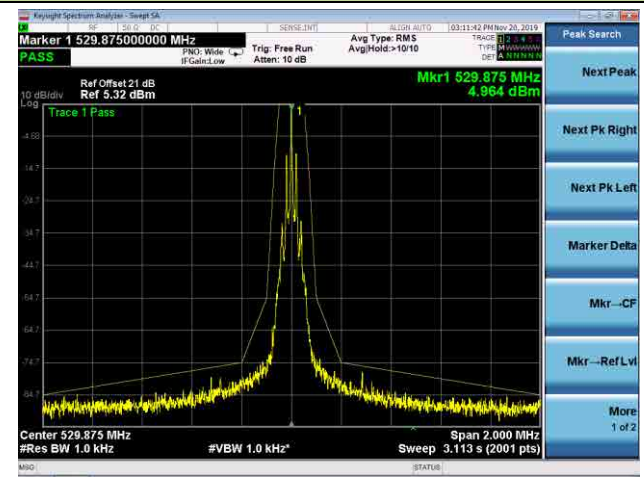
## 必要頻帶寬度 - Power Level 10mW

529.875MHz

## Step 1 - Unmodulated carrier reference



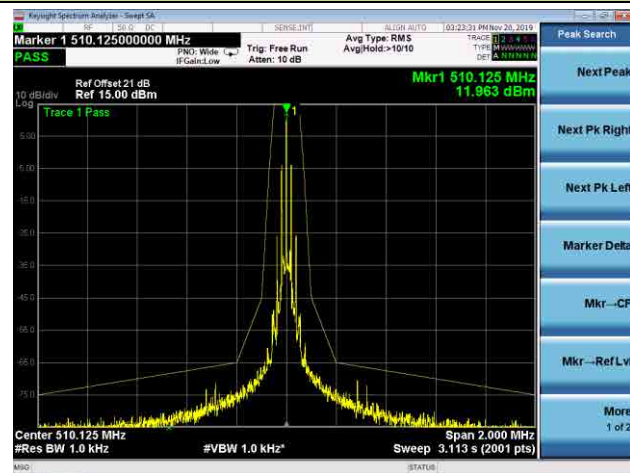
## Step 2 – Necessary Bandwidth



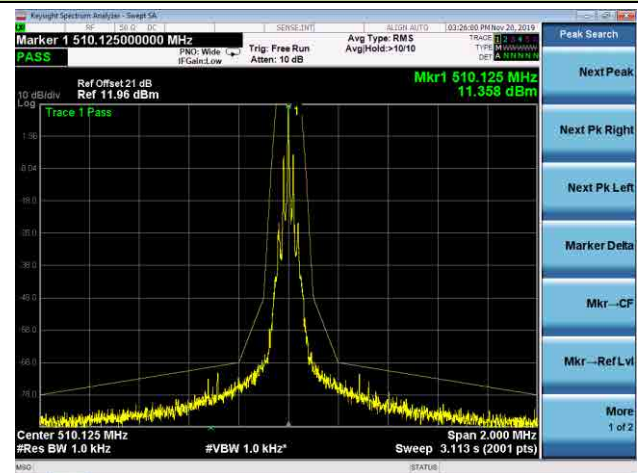
## 必要頻帶寬度 - Power Level 50mW

510.125MHz

## Step 1 - Unmodulated carrier reference

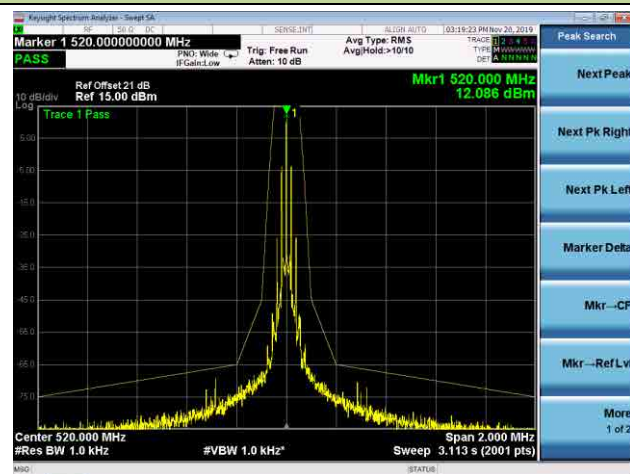


## Step 2 – Necessary Bandwidth

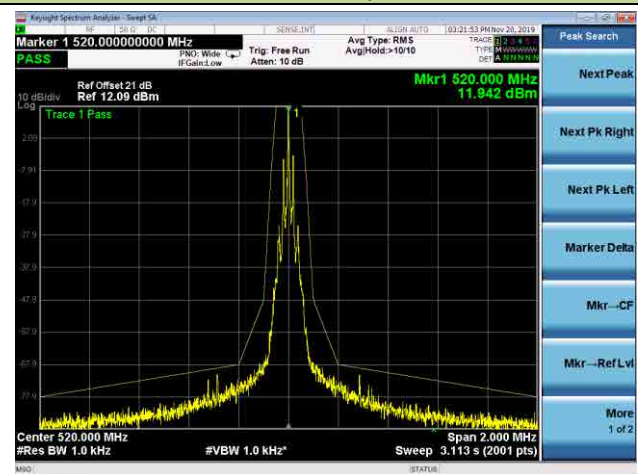


520.000MHz

## Step 1 - Unmodulated carrier reference

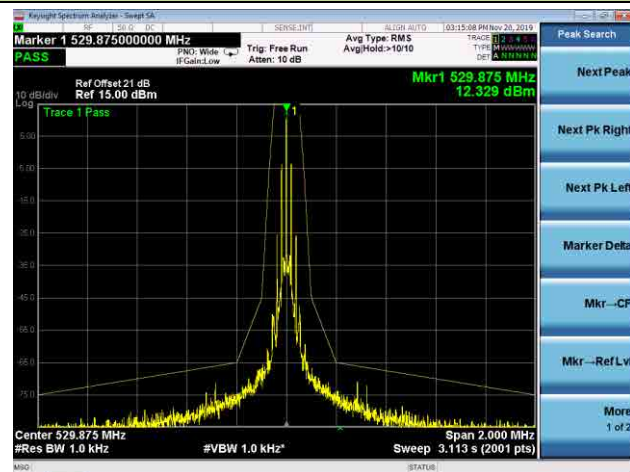


## Step 2 – Necessary Bandwidth

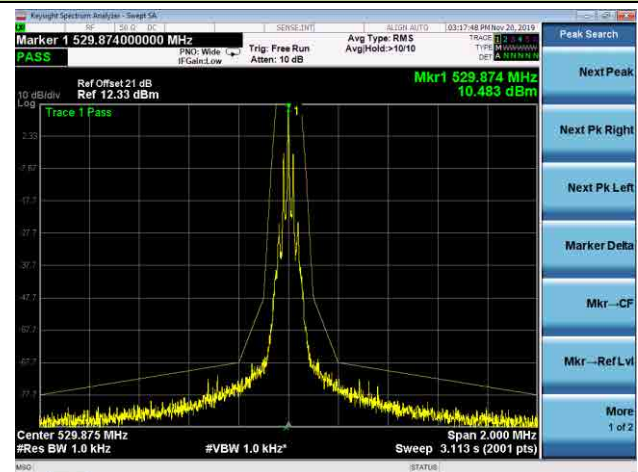


529.875MHz

## Step 1 - Unmodulated carrier reference



## Step 2 – Necessary Bandwidth



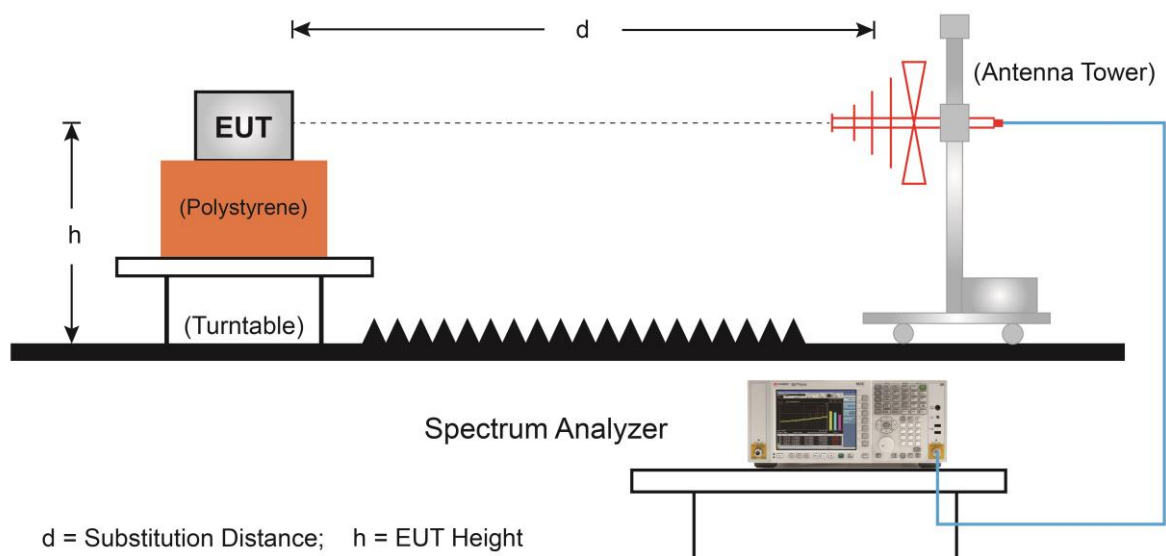
### 13. 混附發射

### 13.1. 限值要求

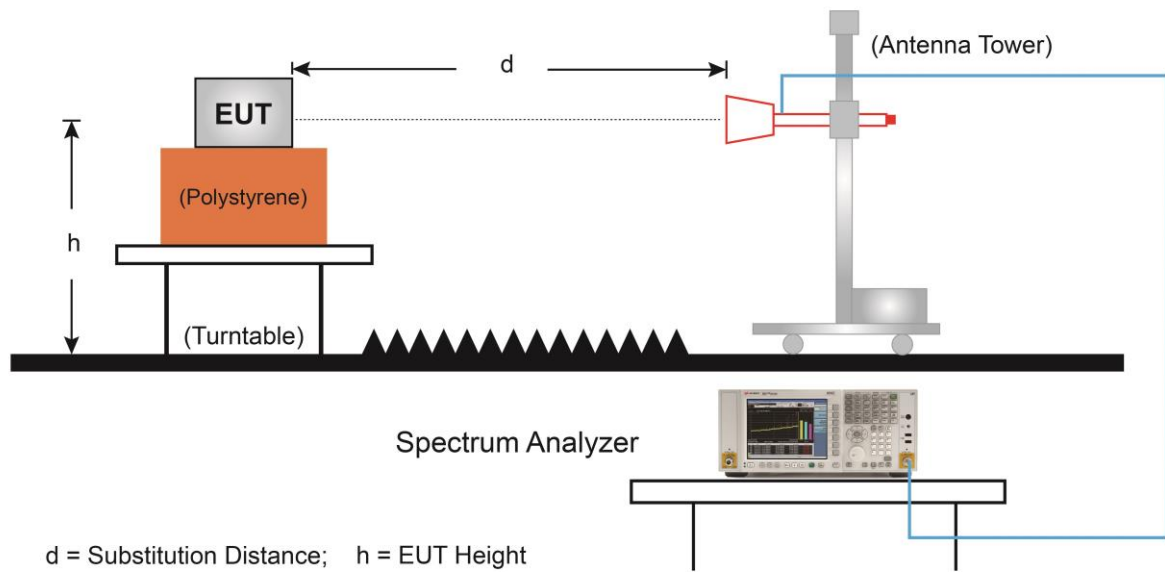
| State     | Frequency                                                                   |                                    |                              |
|-----------|-----------------------------------------------------------------------------|------------------------------------|------------------------------|
|           | 47MHz to 74MHz<br>87.5MHz to 118MHz<br>174MHz to 230MHz<br>470MHz to 862MHz | Other Frequencies below<br>1000MHz | Frequencies above<br>1000MHz |
| Operation | 4nW                                                                         | 250nW                              | 1uW                          |
| Standby   | 2nW                                                                         | 2nW                                | 20nW                         |

### 13.2. 測試架構圖

### 30MHz ~ 1GHz 測試架構圖:



1GHz ~ 6GHz 測試架構圖:



### 13.3. 量測步驟

參照法規ETSI EN 300 422-1 V2.1.2 (2017-01) 章節8.4.2.

### 13.4. 混附發射測試結果

|       |                      |      |      |
|-------|----------------------|------|------|
| 待測物   | Wireless Transmitter | 測試溫度 | 25°C |
| 測試工程師 | Kevin Ker            | 測試濕度 | 54%  |
| 測試模式  | Mode 1 (Ant 1)       | 測試場地 | AC1  |

| Power Level (mW) | Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|------------------|--------------------|-----------------|---------------------|-------------|---------------------|-------------|-------------|----------|--------------|
| 10               | 510.125            | 179.1           | -91.6               | 16.5        | -75.1               | -54.0       | -21.1       | Peak     | Horizontal   |
|                  |                    | 725.1           | -95.9               | 27.2        | -68.7               | -54.0       | -14.7       | Peak     | Horizontal   |
|                  |                    | 202.5           | -100.6              | 21.4        | -79.2               | -54.0       | -25.2       | Peak     | Vertical     |
|                  |                    | 663.1           | -102.8              | 32.8        | -70.0               | -54.0       | -16.0       | Peak     | Vertical     |
|                  |                    | 1350.0          | -60.5               | 4.6         | -55.9               | -30.0       | -25.9       | Peak     | Horizontal   |
|                  |                    | 2985.0          | -59.4               | 7.3         | -52.1               | -30.0       | -22.1       | Peak     | Horizontal   |
|                  |                    | 1280.0          | -60.0               | 3.9         | -56.1               | -30.0       | -26.1       | Peak     | Vertical     |
|                  |                    | 2205.0          | -61.7               | 7.6         | -54.1               | -30.0       | -24.1       | Peak     | Vertical     |
|                  | 520.000            | 182.0           | -91.7               | 16.8        | -74.9               | -54.0       | -20.9       | Peak     | Horizontal   |
|                  |                    | 719.7           | -96.6               | 28.0        | -68.6               | -54.0       | -14.6       | Peak     | Horizontal   |
|                  |                    | 202.0           | -98.7               | 20.2        | -78.5               | -54.0       | -24.5       | Peak     | Vertical     |
|                  |                    | 729.4           | -97.6               | 28.5        | -69.1               | -54.0       | -15.1       | Peak     | Vertical     |
|                  |                    | 2302.5          | -60.7               | 6.3         | -54.4               | -30.0       | -24.4       | Peak     | Horizontal   |
|                  |                    | 2985.0          | -59.7               | 7.3         | -52.4               | -30.0       | -22.4       | Peak     | Horizontal   |
|                  |                    | 1327.5          | -61.3               | 5.2         | -56.1               | -30.0       | -26.1       | Peak     | Vertical     |
|                  |                    | 2207.5          | -62.0               | 7.6         | -54.4               | -30.0       | -24.4       | Peak     | Vertical     |
|                  | 529.875            | 180.5           | -91.2               | 16.6        | -74.6               | -54.0       | -20.6       | Peak     | Horizontal   |
|                  |                    | 740.2           | -97.5               | 28.4        | -69.1               | -54.0       | -15.1       | Peak     | Horizontal   |
|                  |                    | 200.5           | -99.4               | 20.3        | -79.1               | -54.0       | -25.1       | Peak     | Vertical     |
|                  |                    | 667.0           | -98.7               | 28.8        | -69.9               | -54.0       | -15.9       | Peak     | Vertical     |
|                  |                    | 1450.0          | -60.2               | 4.9         | -55.3               | -30.0       | -25.3       | Peak     | Horizontal   |
|                  |                    | 2985.0          | -59.3               | 7.3         | -52.0               | -30.0       | -22.0       | Peak     | Horizontal   |
|                  |                    | 1277.5          | -59.2               | 3.7         | -55.5               | -30.0       | -25.5       | Peak     | Vertical     |
|                  |                    | 2195.0          | -62.1               | 7.6         | -54.5               | -30.0       | -24.5       | Peak     | Vertical     |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

| Power Level (mW)                                                                                                             | Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|---------------------|-------------|---------------------|-------------|-------------|----------|--------------|
| 50                                                                                                                           | 510.125            | 180.5           | -91.3               | 16.6        | -74.7               | -54.0       | -20.7       | Peak     | Horizontal   |
|                                                                                                                              |                    | 724.1           | -96.7               | 27.3        | -69.4               | -54.0       | -15.4       | Peak     | Horizontal   |
|                                                                                                                              |                    | 202.5           | -97.5               | 20.1        | -77.4               | -54.0       | -23.4       | Peak     | Vertical     |
|                                                                                                                              |                    | 738.7           | -99.7               | 30.1        | -69.6               | -54.0       | -15.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 1277.5          | -59.3               | 3.7         | -55.6               | -30.0       | -25.6       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2985.0          | -59.4               | 7.3         | -52.1               | -30.0       | -22.1       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1252.5          | -57.5               | 2.0         | -55.5               | -30.0       | -25.5       | Peak     | Vertical     |
|                                                                                                                              |                    | 2287.5          | -63.3               | 8.2         | -55.1               | -30.0       | -25.1       | Peak     | Vertical     |
|                                                                                                                              | 520.000            | 180.5           | -91.1               | 16.6        | -74.5               | -54.0       | -20.5       | Peak     | Horizontal   |
|                                                                                                                              |                    | 726.0           | -95.6               | 27.0        | -68.6               | -54.0       | -14.6       | Peak     | Horizontal   |
|                                                                                                                              |                    | 202.0           | -98.8               | 20.2        | -78.6               | -54.0       | -24.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 697.8           | -100.1              | 29.5        | -70.6               | -54.0       | -16.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 1535.0          | -59.8               | 4.0         | -55.8               | -30.0       | -25.8       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2985.0          | -59.7               | 7.3         | -52.4               | -30.0       | -22.4       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2192.5          | -61.9               | 7.6         | -54.3               | -30.0       | -24.3       | Peak     | Vertical     |
|                                                                                                                              |                    | 3090.0          | -60.6               | 7.3         | -53.3               | -30.0       | -23.3       | Peak     | Vertical     |
|                                                                                                                              | 529.875            | 180.5           | -92.8               | 16.6        | -76.2               | -54.0       | -22.2       | Peak     | Horizontal   |
|                                                                                                                              |                    | 706.0           | -96.6               | 27.8        | -68.8               | -54.0       | -14.8       | Peak     | Horizontal   |
|                                                                                                                              |                    | 202.0           | -98.9               | 20.2        | -78.7               | -54.0       | -24.7       | Peak     | Vertical     |
|                                                                                                                              |                    | 684.1           | -99.8               | 29.2        | -70.6               | -54.0       | -16.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 1802.5          | -60.4               | 4.4         | -56.0               | -30.0       | -26.0       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2985.0          | -59.3               | 7.3         | -52.0               | -30.0       | -22.0       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2202.5          | -61.5               | 7.6         | -53.9               | -30.0       | -23.9       | Peak     | Vertical     |
|                                                                                                                              |                    | 3157.5          | -60.6               | 7.6         | -53.0               | -30.0       | -23.0       | Peak     | Vertical     |
| Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)                                                  |                    |                 |                     |             |                     |             |             |          |              |
| Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB) |                    |                 |                     |             |                     |             |             |          |              |

|       |                      |      |      |
|-------|----------------------|------|------|
| 待測物   | Wireless Transmitter | 測試溫度 | 25°C |
| 測試工程師 | Kevin Ker            | 測試濕度 | 54%  |
| 測試模式  | Mode 1 (Ant 2)       | 測試場地 | AC1  |

| Power Level (mW) | Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|------------------|--------------------|-----------------|---------------------|-------------|---------------------|-------------|-------------|----------|--------------|
| 10               | 510.125            | 179.1           | -91.5               | 16.5        | -75.0               | -54.0       | -21.0       | Peak     | Horizontal   |
|                  |                    | 722.1           | -96.5               | 27.7        | -68.8               | -54.0       | -14.8       | Peak     | Horizontal   |
|                  |                    | 202.5           | -99.4               | 20.1        | -79.3               | -54.0       | -25.3       | Peak     | Vertical     |
|                  |                    | 741.6           | -99.6               | 30.3        | -69.3               | -54.0       | -15.3       | Peak     | Vertical     |
|                  |                    | 1327.5          | -59.7               | 5.0         | -54.7               | -30.0       | -24.7       | Peak     | Horizontal   |
|                  |                    | 2987.5          | -60.3               | 7.3         | -53.0               | -30.0       | -23.0       | Peak     | Horizontal   |
|                  |                    | 1232.5          | -57.9               | 2.3         | -55.6               | -30.0       | -25.6       | Peak     | Vertical     |
|                  |                    | 2207.5          | -61.9               | 7.6         | -54.3               | -30.0       | -24.3       | Peak     | Vertical     |
|                  | 520.000            | 180.5           | -91.3               | 16.6        | -74.7               | -54.0       | -20.7       | Peak     | Horizontal   |
|                  |                    | 747.5           | -97.0               | 28.6        | -68.4               | -54.0       | -14.4       | Peak     | Horizontal   |
|                  |                    | 202.5           | -98.3               | 20.1        | -78.2               | -54.0       | -24.2       | Peak     | Vertical     |
|                  |                    | 615.4           | -99.9               | 28.3        | -71.6               | -54.0       | -17.6       | Peak     | Vertical     |
|                  |                    | 1327.5          | -60.7               | 5.0         | -55.7               | -30.0       | -25.7       | Peak     | Horizontal   |
|                  |                    | 2987.5          | -60.0               | 7.3         | -52.7               | -30.0       | -22.7       | Peak     | Horizontal   |
|                  |                    | 1475.0          | -59.9               | 4.7         | -55.2               | -30.0       | -25.2       | Peak     | Vertical     |
|                  |                    | 2200.0          | -61.7               | 7.6         | -54.1               | -30.0       | -24.1       | Peak     | Vertical     |
|                  | 529.875            | 180.5           | -93.5               | 16.6        | -76.9               | -54.0       | -22.9       | Peak     | Horizontal   |
|                  |                    | 723.1           | -95.3               | 27.5        | -67.8               | -54.0       | -13.8       | Peak     | Horizontal   |
|                  |                    | 201.5           | -99.5               | 20.2        | -79.3               | -54.0       | -25.3       | Peak     | Vertical     |
|                  |                    | 676.3           | -99.6               | 29.0        | -70.6               | -54.0       | -16.6       | Peak     | Vertical     |
|                  |                    | 2260.0          | -60.0               | 6.2         | -53.8               | -30.0       | -23.8       | Peak     | Horizontal   |
|                  |                    | 2985.0          | -59.0               | 7.3         | -51.7               | -30.0       | -21.7       | Peak     | Horizontal   |
|                  |                    | 1287.5          | -59.6               | 4.5         | -55.1               | -30.0       | -25.1       | Peak     | Vertical     |
|                  |                    | 2192.5          | -62.0               | 7.6         | -54.4               | -30.0       | -24.4       | Peak     | Vertical     |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

| Power Level (mW)                                                                                                             | Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|---------------------|-------------|---------------------|-------------|-------------|----------|--------------|
| 50                                                                                                                           | 510.125            | 179.1           | -92.4               | 16.5        | -75.9               | -54.0       | -21.9       | Peak     | Horizontal   |
|                                                                                                                              |                    | 714.8           | -97.0               | 27.9        | -69.1               | -54.0       | -15.1       | Peak     | Horizontal   |
|                                                                                                                              |                    | 201.5           | -97.8               | 20.2        | -77.6               | -54.0       | -23.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 659.7           | -98.8               | 28.7        | -70.1               | -54.0       | -16.1       | Peak     | Vertical     |
|                                                                                                                              |                    | 1425.0          | -59.0               | 4.2         | -54.8               | -30.0       | -24.8       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2987.5          | -59.5               | 7.3         | -52.2               | -30.0       | -22.2       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1450.0          | -61.3               | 5.5         | -55.8               | -30.0       | -25.8       | Peak     | Vertical     |
|                                                                                                                              |                    | 2195.0          | -62.2               | 7.6         | -54.6               | -30.0       | -24.6       | Peak     | Vertical     |
|                                                                                                                              | 520.000            | 179.1           | -91.2               | 16.5        | -74.7               | -54.0       | -20.7       | Peak     | Horizontal   |
|                                                                                                                              |                    | 716.8           | -97.4               | 27.9        | -69.5               | -54.0       | -15.5       | Peak     | Horizontal   |
|                                                                                                                              |                    | 203.4           | -98.6               | 20.1        | -78.5               | -54.0       | -24.5       | Peak     | Vertical     |
|                                                                                                                              |                    | 547.1           | -96.4               | 27.0        | -69.4               | -54.0       | -15.4       | Peak     | Vertical     |
|                                                                                                                              |                    | 1500.0          | -59.3               | 3.6         | -55.7               | -30.0       | -25.7       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2985.0          | -59.1               | 7.3         | -51.8               | -30.0       | -21.8       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1235.0          | -58.0               | 2.2         | -55.8               | -30.0       | -25.8       | Peak     | Vertical     |
|                                                                                                                              |                    | 2270.0          | -62.9               | 8.0         | -54.9               | -30.0       | -24.9       | Peak     | Vertical     |
|                                                                                                                              | 529.875            | 179.1           | -93.5               | 16.5        | -77.0               | -54.0       | -23.0       | Peak     | Horizontal   |
|                                                                                                                              |                    | 729.0           | -95.1               | 26.5        | -68.6               | -54.0       | -14.6       | Peak     | Horizontal   |
|                                                                                                                              |                    | 201.5           | -98.6               | 20.2        | -78.4               | -54.0       | -24.4       | Peak     | Vertical     |
|                                                                                                                              |                    | 721.2           | -99.2               | 29.6        | -69.6               | -54.0       | -15.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 1277.5          | -59.7               | 3.7         | -56.0               | -30.0       | -26.0       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2985.0          | -59.6               | 7.3         | -52.3               | -30.0       | -22.3       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1277.5          | -60.3               | 3.7         | -56.6               | -30.0       | -26.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 2210.0          | -62.4               | 7.6         | -54.8               | -30.0       | -24.8       | Peak     | Vertical     |
| Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)                                                  |                    |                 |                     |             |                     |             |             |          |              |
| Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB) |                    |                 |                     |             |                     |             |             |          |              |

|       |                      |      |      |
|-------|----------------------|------|------|
| 待測物   | Wireless Transmitter | 測試溫度 | 25°C |
| 測試工程師 | Kevin Ker            | 測試濕度 | 54%  |
| 測試模式  | Mode 1 (Ant 1 + 2)   | 測試場地 | AC1  |

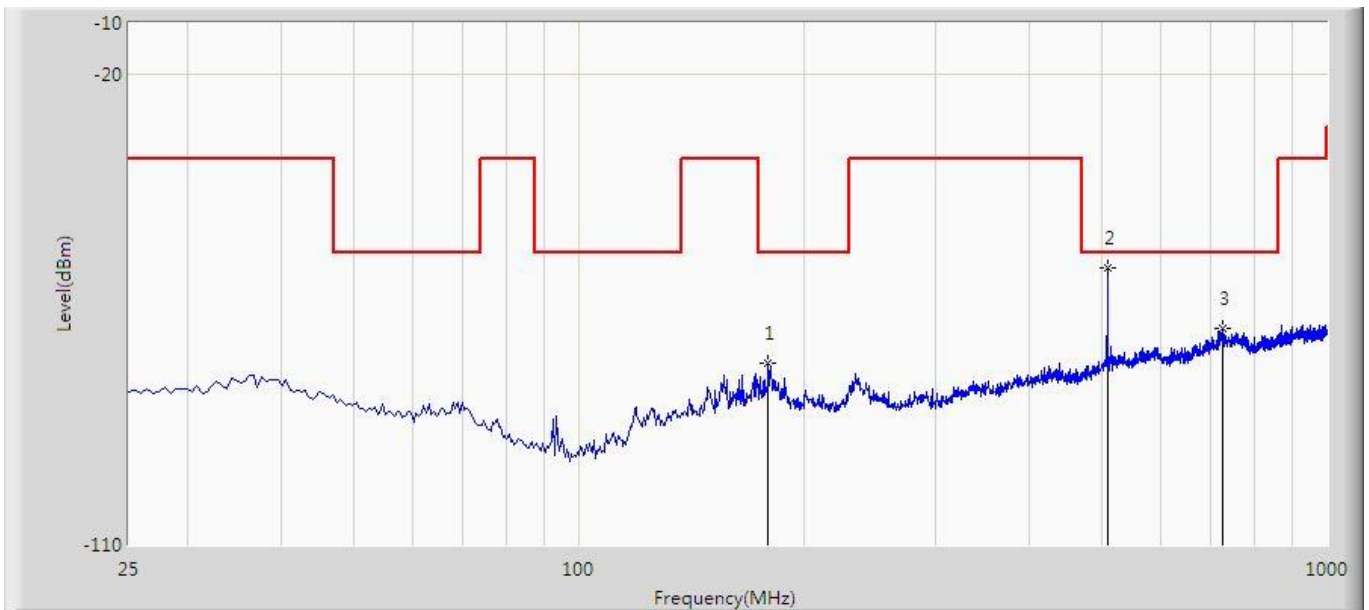
| Power Level (mW) | Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|------------------|--------------------|-----------------|---------------------|-------------|---------------------|-------------|-------------|----------|--------------|
| 10               | 510.125            | 179.5           | -91.5               | 16.5        | -75.0               | -54.0       | -21.0       | Peak     | Horizontal   |
|                  |                    | 677.3           | -97.9               | 27.3        | -70.6               | -54.0       | -16.6       | Peak     | Horizontal   |
|                  |                    | 201.5           | -98.3               | 20.2        | -78.1               | -54.0       | -24.1       | Peak     | Vertical     |
|                  |                    | 547.1           | -97.6               | 27.0        | -70.6               | -54.0       | -16.6       | Peak     | Vertical     |
|                  |                    | 2202.5          | -61.0               | 6.1         | -54.9               | -30.0       | -24.9       | Peak     | Horizontal   |
|                  |                    | 2987.5          | -60.0               | 7.3         | -52.7               | -30.0       | -22.7       | Peak     | Horizontal   |
|                  |                    | 1770.0          | -61.2               | 4.4         | -56.8               | -30.0       | -26.8       | Peak     | Vertical     |
|                  |                    | 2202.5          | -62.3               | 7.6         | -54.7               | -30.0       | -24.7       | Peak     | Vertical     |
|                  | 520.000            | 182.0           | -91.9               | 16.8        | -75.1               | -54.0       | -21.1       | Peak     | Horizontal   |
|                  |                    | 688.5           | -97.0               | 27.5        | -69.5               | -54.0       | -15.5       | Peak     | Horizontal   |
|                  |                    | 202.9           | -95.7               | 20.1        | -75.6               | -54.0       | -21.6       | Peak     | Vertical     |
|                  |                    | 661.7           | -99.9               | 28.7        | -71.2               | -54.0       | -17.2       | Peak     | Vertical     |
|                  |                    | 1425.0          | -60.2               | 4.2         | -56.0               | -30.0       | -26.0       | Peak     | Horizontal   |
|                  |                    | 2985.0          | -59.4               | 7.3         | -52.1               | -30.0       | -22.1       | Peak     | Horizontal   |
|                  |                    | 1475.0          | -60.9               | 4.7         | -56.2               | -30.0       | -26.2       | Peak     | Vertical     |
|                  |                    | 2225.0          | -61.7               | 7.7         | -54.0               | -30.0       | -24.0       | Peak     | Vertical     |
|                  | 529.875            | 180.0           | -92.3               | 16.6        | -75.7               | -54.0       | -21.7       | Peak     | Horizontal   |
|                  |                    | 726.0           | -95.2               | 27.0        | -68.2               | -54.0       | -14.2       | Peak     | Horizontal   |
|                  |                    | 202.0           | -95.7               | 20.2        | -75.5               | -54.0       | -21.5       | Peak     | Vertical     |
|                  |                    | 749.4           | -99.3               | 30.3        | -69.0               | -54.0       | -15.0       | Peak     | Vertical     |
|                  |                    | 1352.5          | -60.7               | 4.5         | -56.2               | -30.0       | -26.2       | Peak     | Horizontal   |
|                  |                    | 2987.5          | -60.8               | 7.3         | -53.5               | -30.0       | -23.5       | Peak     | Horizontal   |
|                  |                    | 1277.5          | -60.4               | 3.7         | -56.7               | -30.0       | -26.7       | Peak     | Vertical     |
|                  |                    | 2202.5          | -61.4               | 7.6         | -53.8               | -30.0       | -23.8       | Peak     | Vertical     |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

| Power Level (mW)                                                                                                             | Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|---------------------|-------------|---------------------|-------------|-------------|----------|--------------|
| 50                                                                                                                           | 510.125            | 179.5           | -91.6               | 16.5        | -75.1               | -54.0       | -21.1       | Peak     | Horizontal   |
|                                                                                                                              |                    | 728.0           | -95.2               | 26.7        | -68.5               | -54.0       | -14.5       | Peak     | Horizontal   |
|                                                                                                                              |                    | 179.5           | -97.4               | 20.0        | -77.4               | -54.0       | -23.4       | Peak     | Vertical     |
|                                                                                                                              |                    | 547.1           | -92.8               | 27.0        | -65.8               | -54.0       | -11.8       | Peak     | Vertical     |
|                                                                                                                              |                    | 1450.0          | -60.6               | 4.9         | -55.7               | -30.0       | -25.7       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2985.0          | -59.6               | 7.3         | -52.3               | -30.0       | -22.3       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1475.0          | -61.4               | 4.7         | -56.7               | -30.0       | -26.7       | Peak     | Vertical     |
|                                                                                                                              |                    | 2210.0          | -62.1               | 7.6         | -54.5               | -30.0       | -24.5       | Peak     | Vertical     |
|                                                                                                                              | 520.000            | 180.5           | -91.7               | 16.6        | -75.1               | -54.0       | -21.1       | Peak     | Horizontal   |
|                                                                                                                              |                    | 729.9           | -94.6               | 26.4        | -68.2               | -54.0       | -14.2       | Peak     | Horizontal   |
|                                                                                                                              |                    | 202.9           | -96.5               | 20.1        | -76.4               | -54.0       | -22.4       | Peak     | Vertical     |
|                                                                                                                              |                    | 676.3           | -99.6               | 29.0        | -70.6               | -54.0       | -16.6       | Peak     | Vertical     |
|                                                                                                                              |                    | 1450.0          | -60.5               | 4.9         | -55.6               | -30.0       | -25.6       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2257.5          | -60.5               | 6.2         | -54.3               | -30.0       | -24.3       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1475.0          | -60.7               | 4.7         | -56.0               | -30.0       | -26.0       | Peak     | Vertical     |
|                                                                                                                              |                    | 2460.0          | -62.0               | 7.2         | -54.8               | -30.0       | -24.8       | Peak     | Vertical     |
|                                                                                                                              | 529.875            | 179.1           | -91.4               | 16.5        | -74.9               | -54.0       | -20.9       | Peak     | Horizontal   |
|                                                                                                                              |                    | 716.8           | -96.1               | 27.9        | -68.2               | -54.0       | -14.2       | Peak     | Horizontal   |
|                                                                                                                              |                    | 203.4           | -95.4               | 20.1        | -75.3               | -54.0       | -21.3       | Peak     | Vertical     |
|                                                                                                                              |                    | 719.7           | -99.1               | 29.7        | -69.4               | -54.0       | -15.4       | Peak     | Vertical     |
|                                                                                                                              |                    | 1425.0          | -60.1               | 4.2         | -55.9               | -30.0       | -25.9       | Peak     | Horizontal   |
|                                                                                                                              |                    | 2407.5          | -61.0               | 6.4         | -54.6               | -30.0       | -24.6       | Peak     | Horizontal   |
|                                                                                                                              |                    | 1277.5          | -59.4               | 3.7         | -55.7               | -30.0       | -25.7       | Peak     | Vertical     |
|                                                                                                                              |                    | 2217.5          | -62.4               | 7.7         | -54.7               | -30.0       | -24.7       | Peak     | Vertical     |
| Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)                                                  |                    |                 |                     |             |                     |             |             |          |              |
| Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB) |                    |                 |                     |             |                     |             |             |          |              |

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:30 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 10mW |                          |

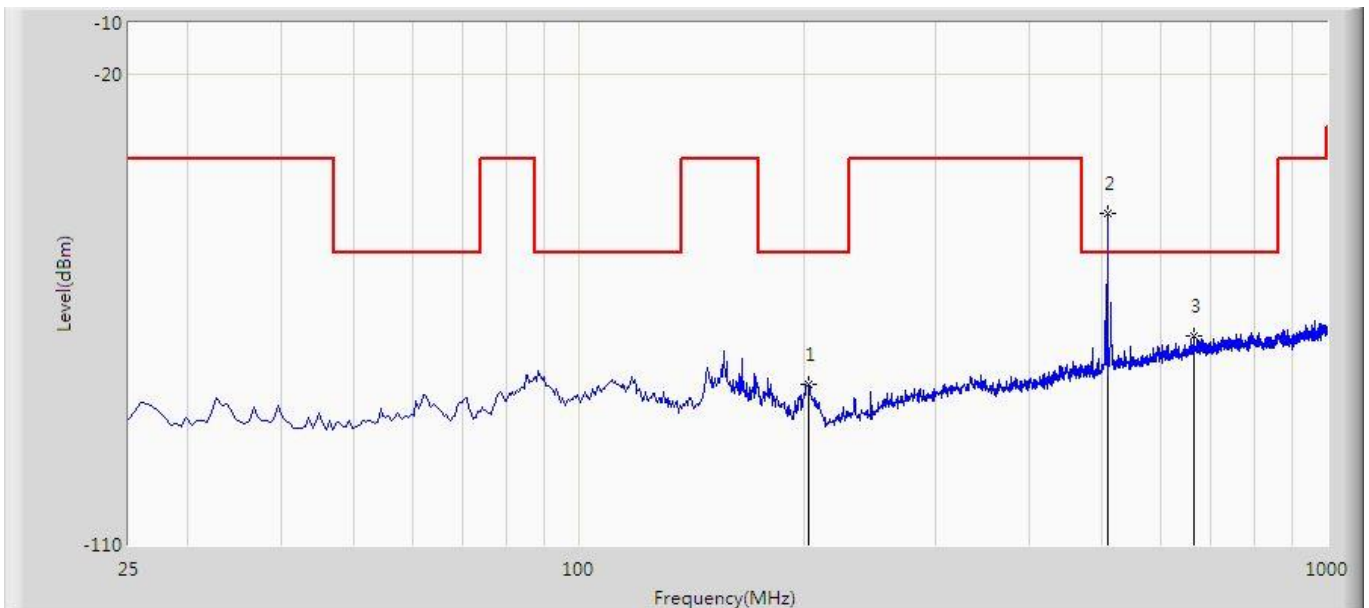


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.050         | -75.073             | -91.606             | -21.073     | -54.000     | 16.533      | PK   |
| 2  | X    | *    | 510.062         | -56.913             | -82.350             | N/A         | N/A         | 25.437      | PK   |
| 3  | X    |      | 725.050         | -68.683             | -95.853             | -14.683     | -54.000     | 27.170      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:32 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 10mW |                          |

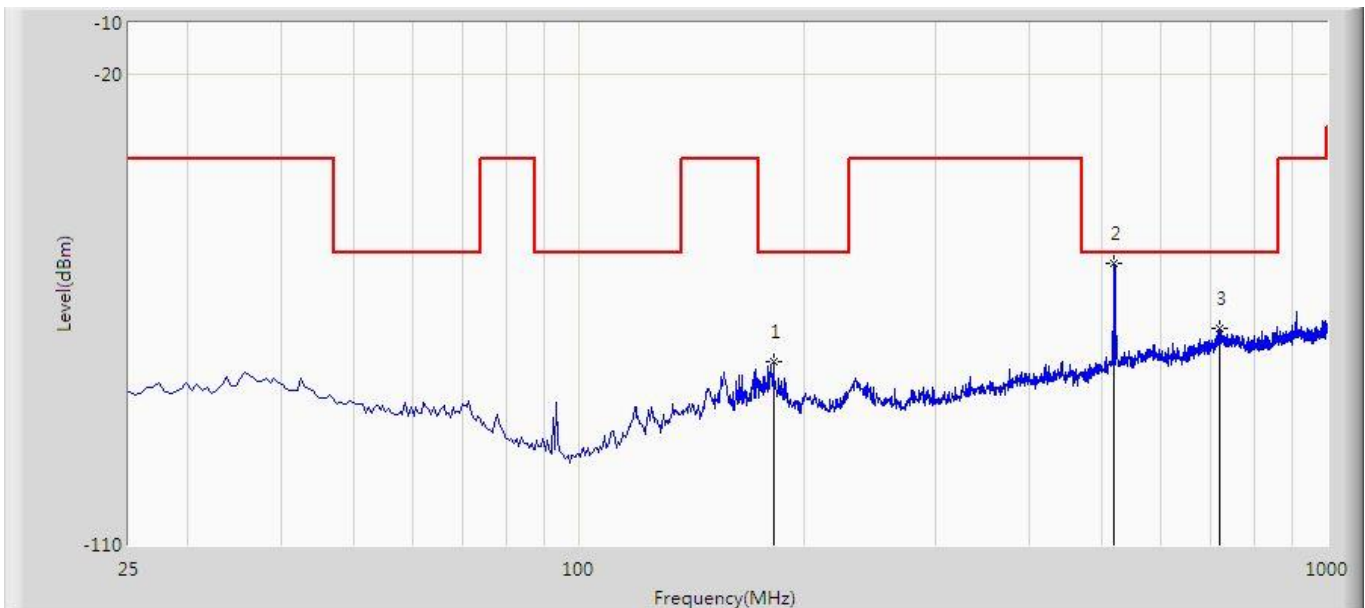


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 202.450         | -79.185             | -100.574            | -25.185     | -54.000     | 21.389      | PK   |
| 2  | X    | *    | 510.062         | -46.516             | -73.451             | N/A         | N/A         | 26.935      | PK   |
| 3  | X    |      | 663.138         | -70.020             | -102.799            | -16.020     | -54.000     | 32.779      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 15:38 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 10mW |                          |

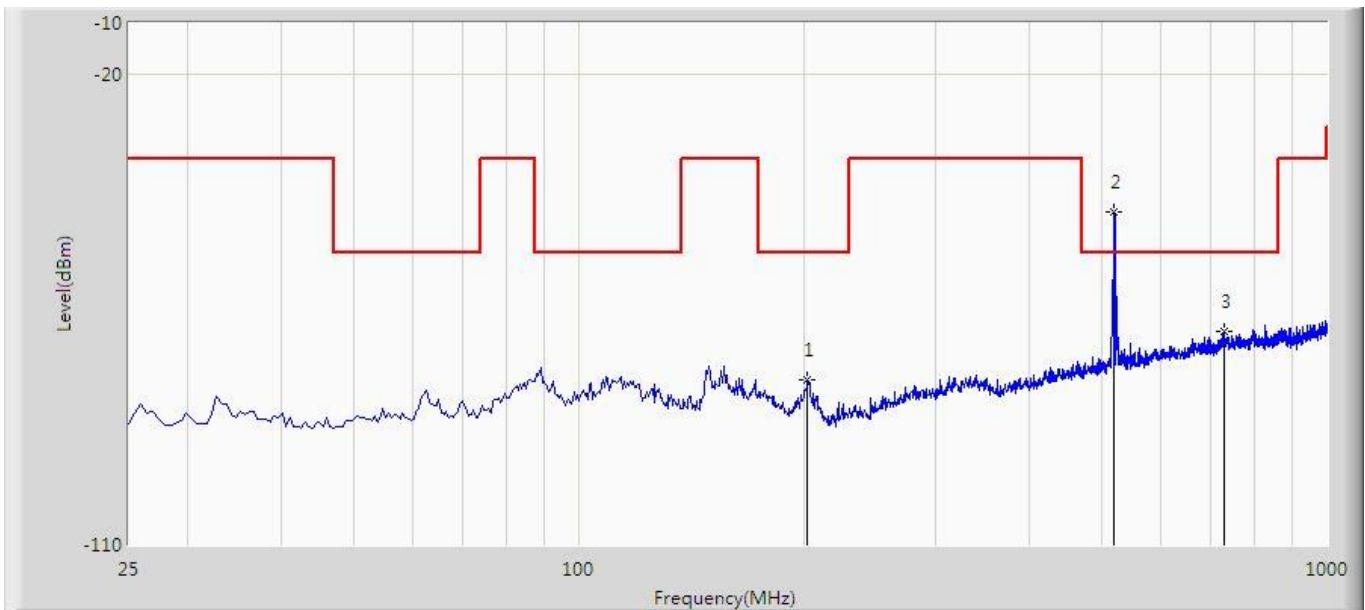


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 181.975         | -74.882             | -91.723             | -20.882     | -54.000     | 16.841      | PK   |
| 2  | X    | *    | 519.812         | -56.130             | -81.630             | N/A         | N/A         | 25.500      | PK   |
| 3  | X    |      | 719.687         | -68.570             | -96.564             | -14.570     | -54.000     | 27.994      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 15:40 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 10mW |                          |

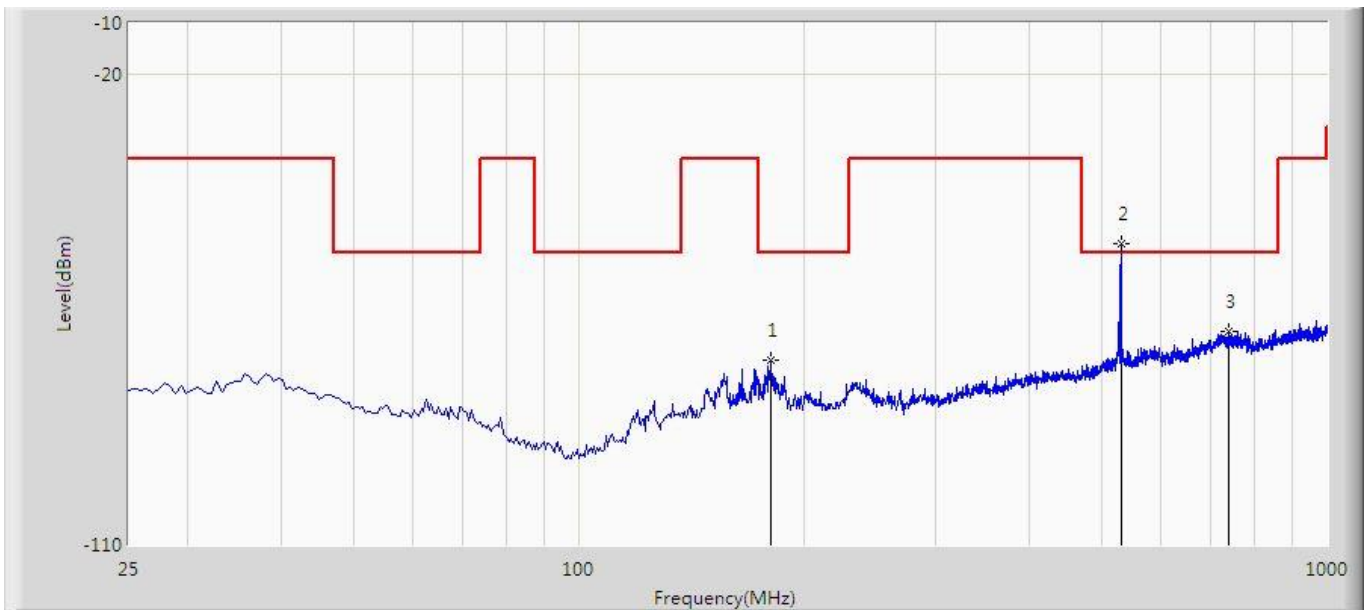


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.962         | -78.530             | -98.696             | -24.530     | -54.000     | 20.166      | PK   |
| 2  | X    | *    | 519.812         | -46.174             | -73.331             | N/A         | N/A         | 27.157      | PK   |
| 3  | X    |      | 729.437         | -69.136             | -97.639             | -15.136     | -54.000     | 28.503      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:43 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 10mW |                          |

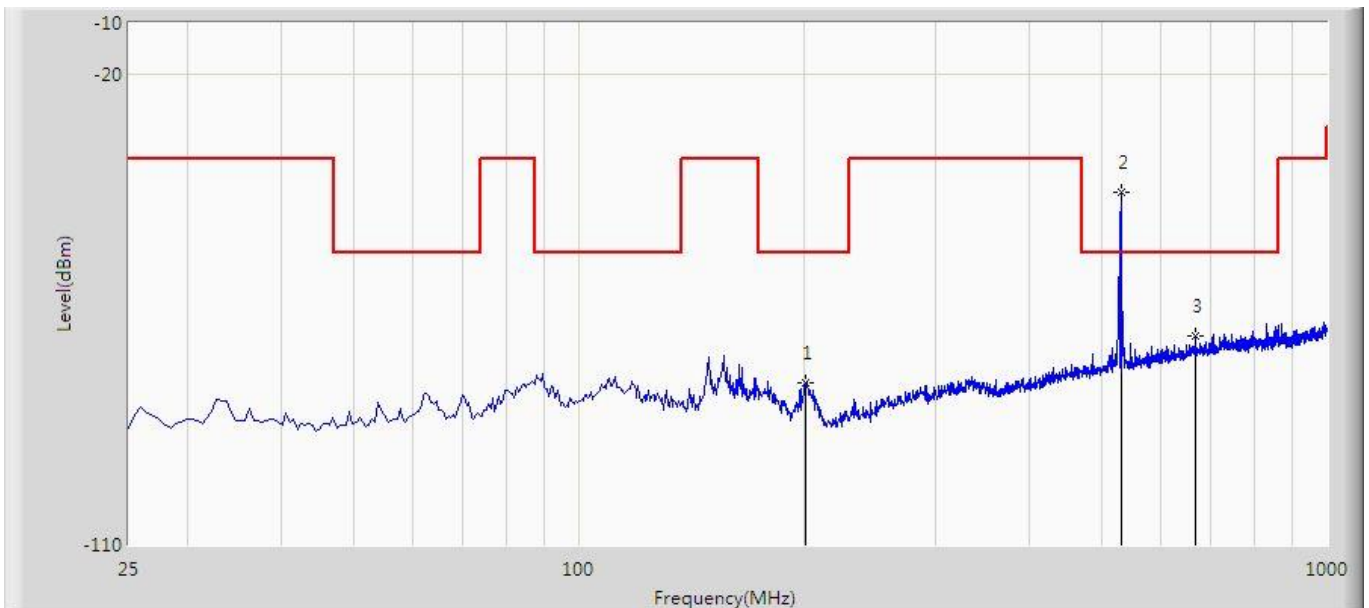


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -74.604             | -91.212             | -20.604     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 530.050         | -52.292             | -77.784             | N/A         | N/A         | 25.492      | PK   |
| 3  | X    |      | 740.162         | -69.098             | -97.476             | -15.098     | -54.000     | 28.378      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:46 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 10mW |                          |

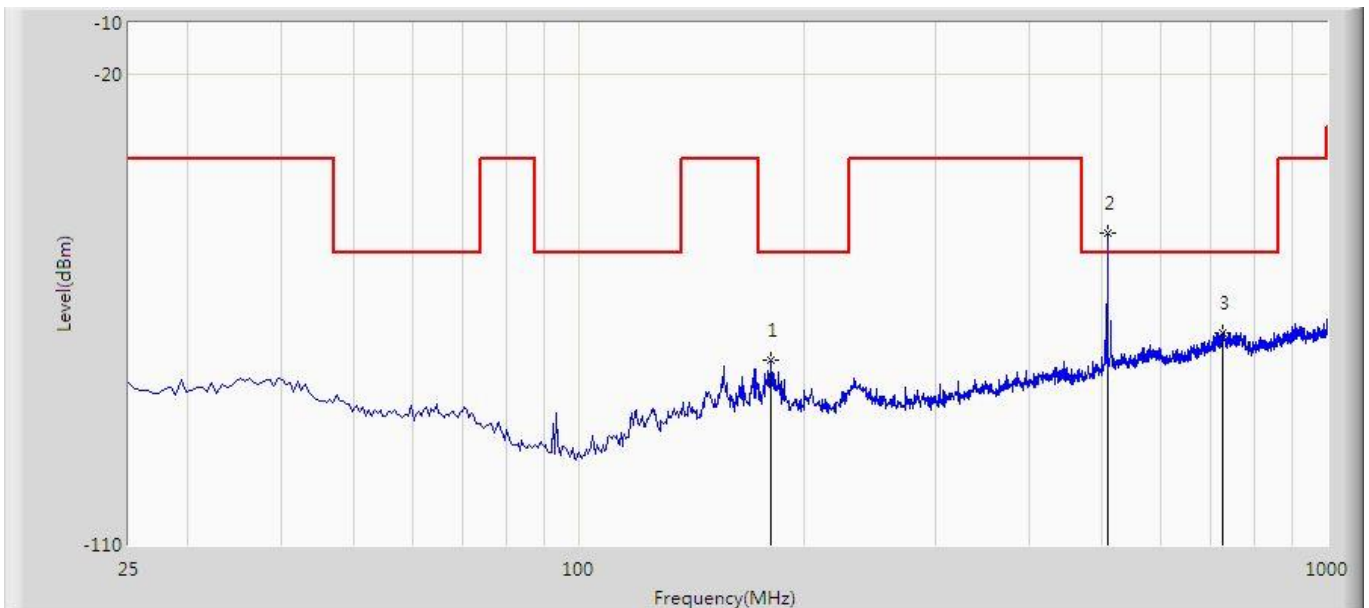


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 200.500         | -79.098             | -99.371             | -25.098     | -54.000     | 20.273      | PK   |
| 2  | X    | *    | 530.050         | -42.408             | -69.498             | N/A         | N/A         | 27.090      | PK   |
| 3  | X    |      | 667.037         | -69.948             | -98.712             | -15.948     | -54.000     | 28.764      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:34 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 50mW |                          |

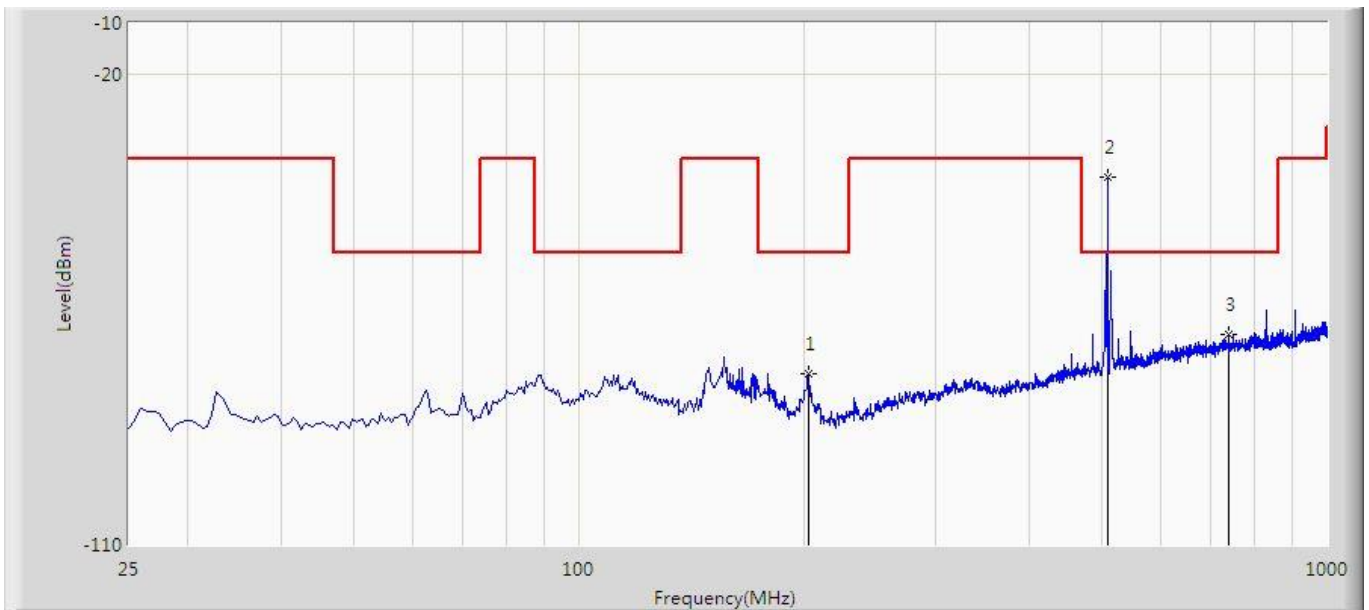


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -74.686             | -91.294             | -20.686     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 510.062         | -50.204             | -75.641             | N/A         | N/A         | 25.437      | PK   |
| 3  | X    |      | 724.075         | -69.351             | -96.685             | -15.351     | -54.000     | 27.334      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:35 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 50mW |                          |

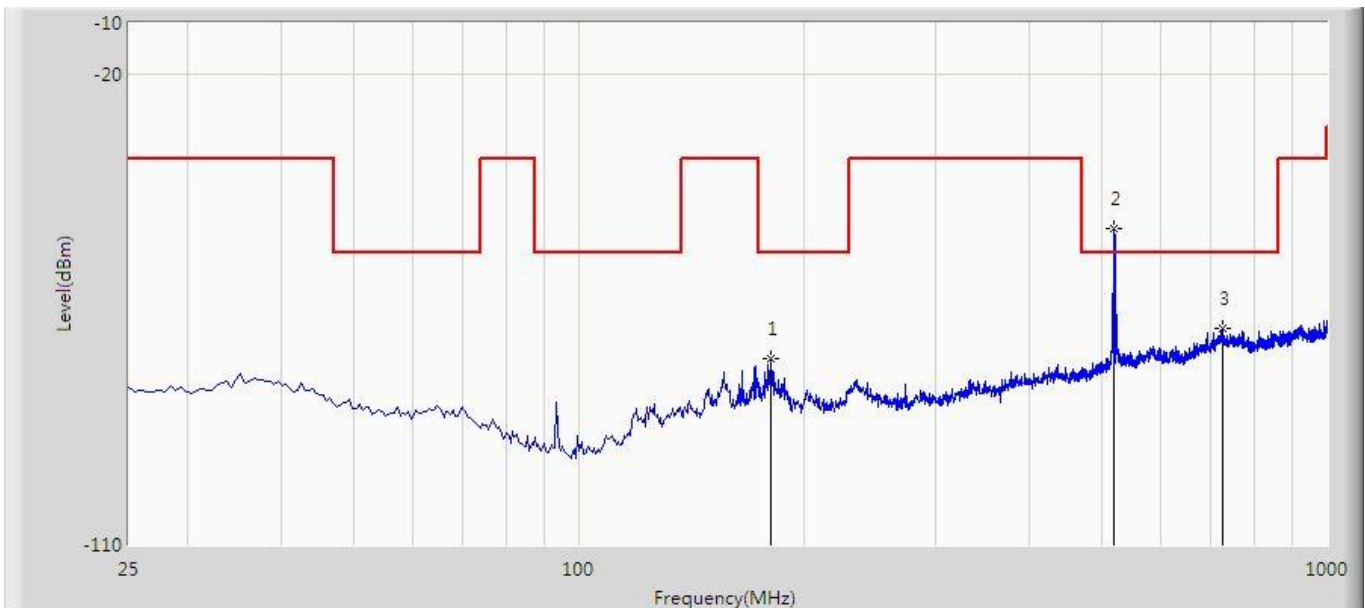


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 202.450         | -77.364             | -97.494             | -23.364     | -54.000     | 20.130      | PK   |
| 2  | X    | *    | 510.062         | -39.607             | -66.542             | N/A         | N/A         | 26.935      | PK   |
| 3  | X    |      | 738.700         | -69.692             | -99.749             | -15.692     | -54.000     | 30.057      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 15:40 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 50mW |                          |

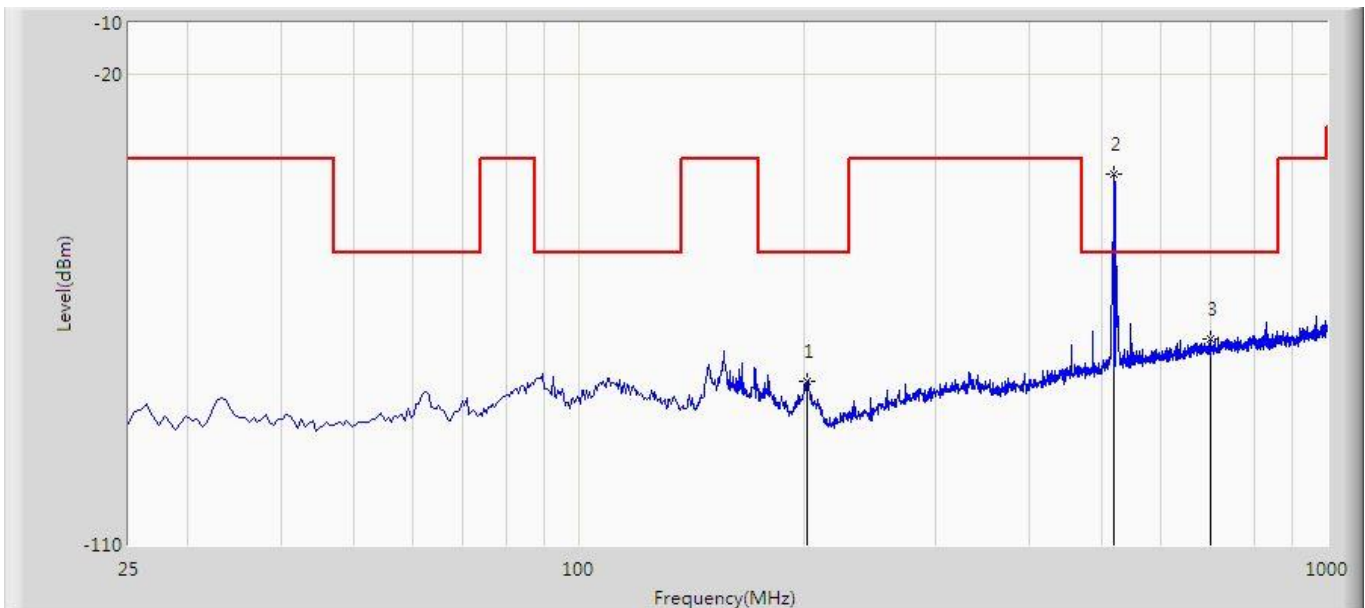


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -74.481             | -91.089             | -20.481     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 519.812         | -49.344             | -74.844             | N/A         | N/A         | 25.500      | PK   |
| 3  | X    |      | 726.025         | -68.555             | -95.561             | -14.555     | -54.000     | 27.006      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 15:42 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 50mW |                          |

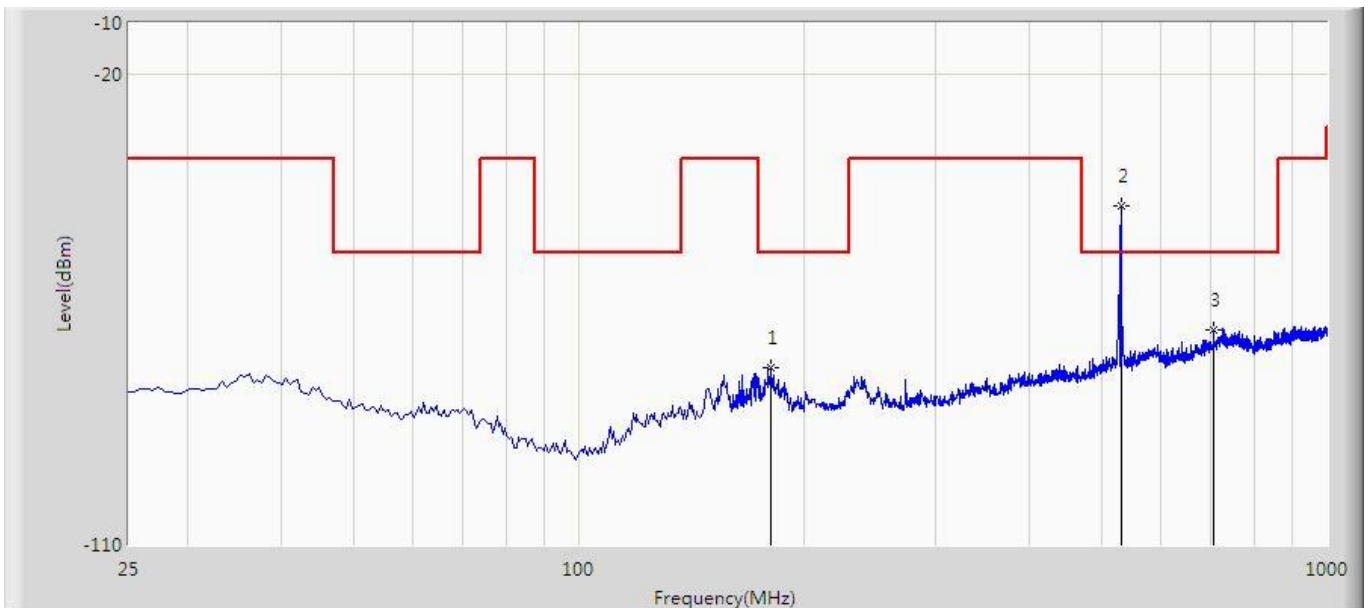


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.962         | -78.619             | -98.785             | -24.619     | -54.000     | 20.166      | PK   |
| 2  | X    | *    | 519.812         | -38.882             | -66.039             | N/A         | N/A         | 27.157      | PK   |
| 3  | X    |      | 697.750         | -70.622             | -100.144            | -16.622     | -54.000     | 29.522      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:47 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 50mW |                          |

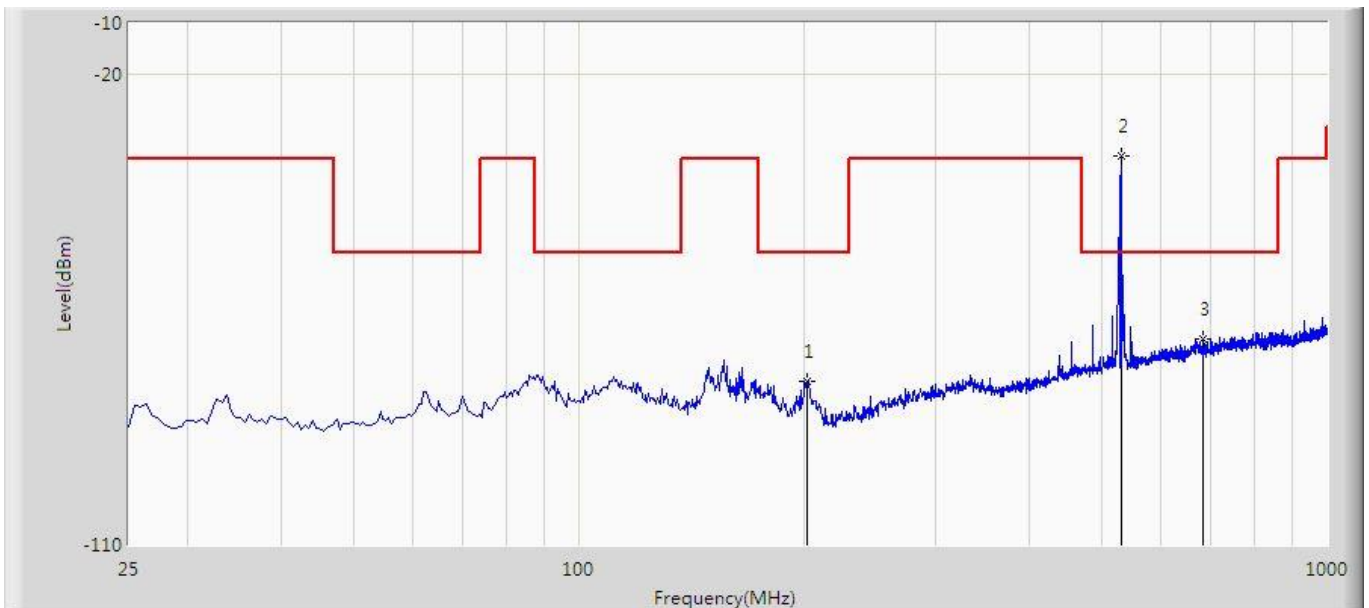


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -76.173             | -92.781             | -22.173     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 530.050         | -45.208             | -70.700             | N/A         | N/A         | 25.492      | PK   |
| 3  | X    |      | 706.037         | -68.894             | -96.646             | -14.894     | -54.000     | 27.752      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:48 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 50mW |                          |

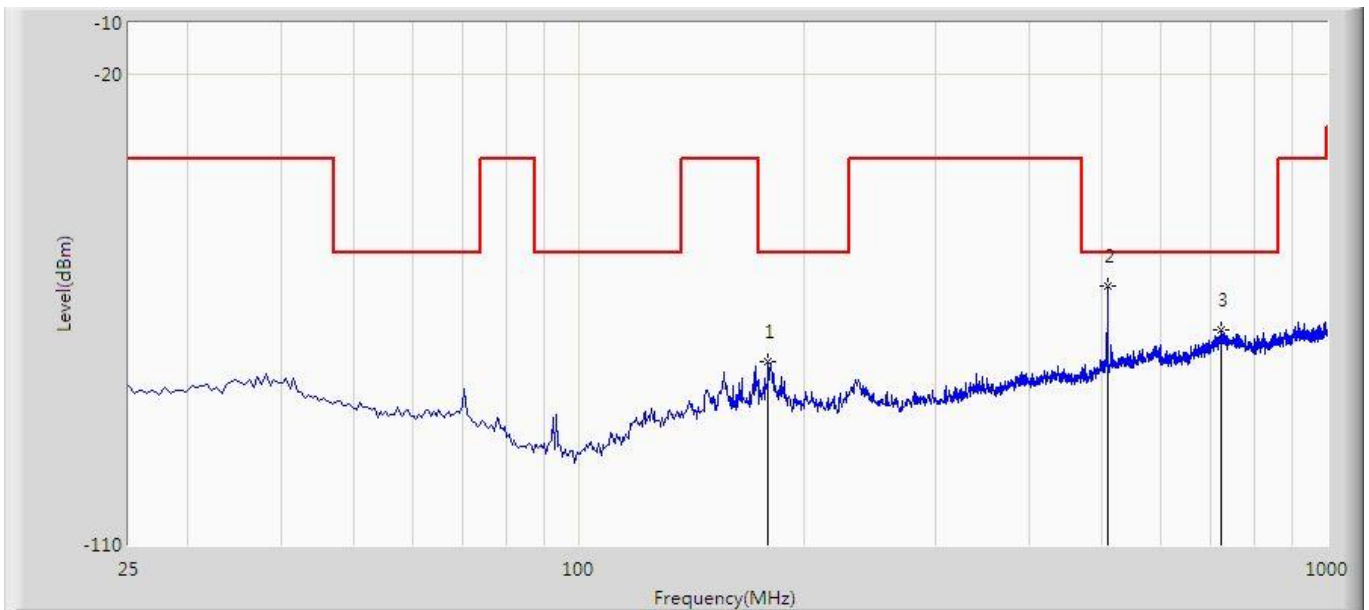


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.962         | -78.722             | -98.888             | -24.722     | -54.000     | 20.166      | PK   |
| 2  | X    | *    | 530.050         | -35.435             | -62.525             | N/A         | N/A         | 27.090      | PK   |
| 3  | X    |      | 684.100         | -70.623             | -99.798             | -16.623     | -54.000     | 29.175      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:49 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 10mW |                          |

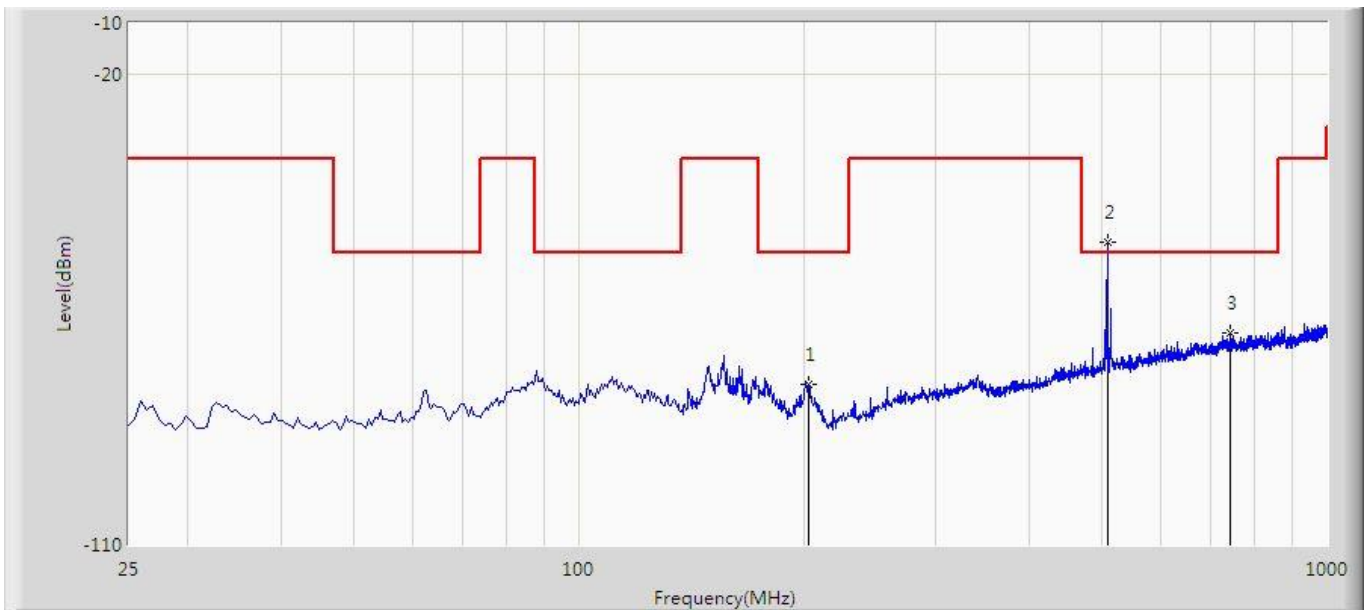


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.050         | -74.942             | -91.475             | -20.942     | -54.000     | 16.533      | PK   |
| 2  | X    | *    | 510.062         | -60.432             | -85.869             | N/A         | N/A         | 25.437      | PK   |
| 3  | X    |      | 722.125         | -68.832             | -96.494             | -14.832     | -54.000     | 27.662      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:59 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 10mW |                          |

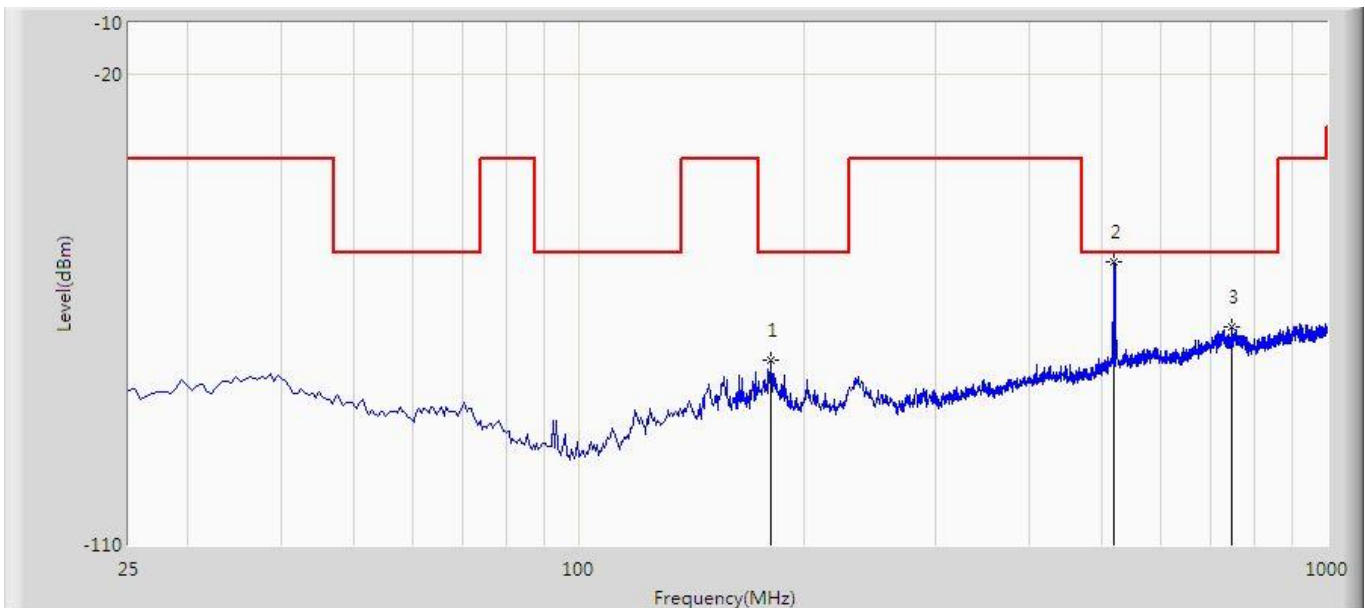


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 202.450         | -79.318             | -99.448             | -25.318     | -54.000     | 20.130      | PK   |
| 2  | X    | *    | 510.062         | -51.941             | -78.876             | N/A         | N/A         | 26.935      | PK   |
| 3  | X    |      | 741.625         | -69.317             | -99.614             | -15.317     | -54.000     | 30.297      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 16:06 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 10mW |                          |

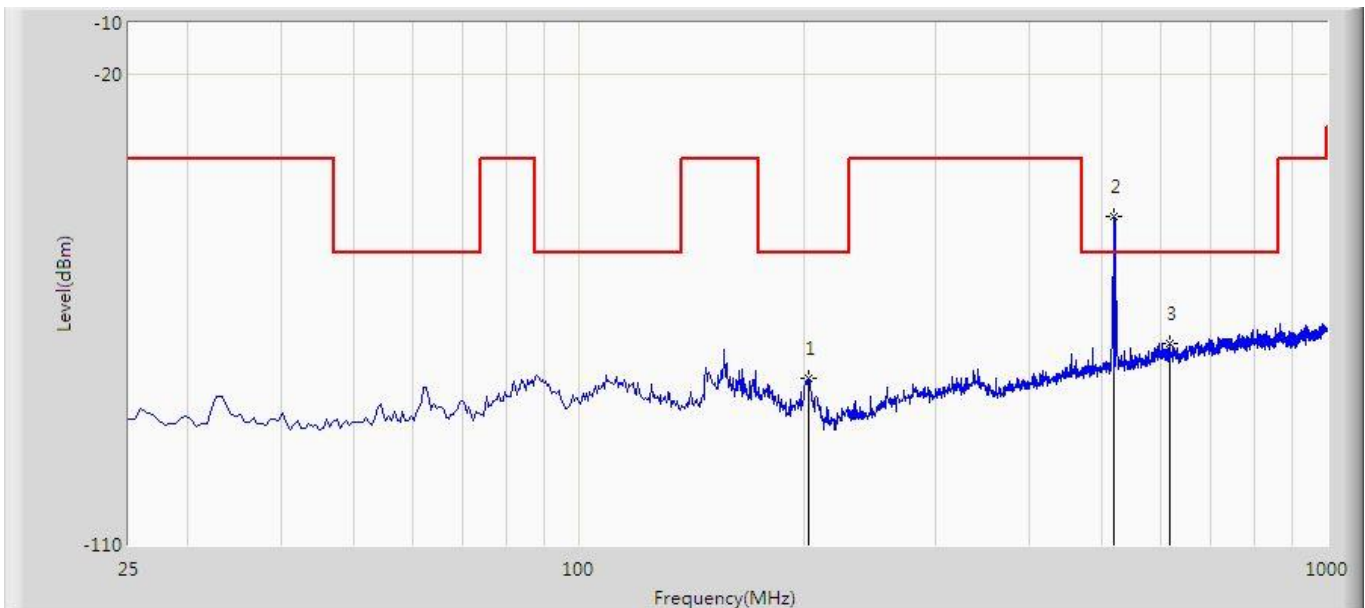


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -74.740             | -91.348             | -20.740     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 519.812         | -55.653             | -81.153             | N/A         | N/A         | 25.500      | PK   |
| 3  | X    |      | 747.475         | -68.389             | -96.993             | -14.389     | -54.000     | 28.604      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 16:07 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 10mW |                          |

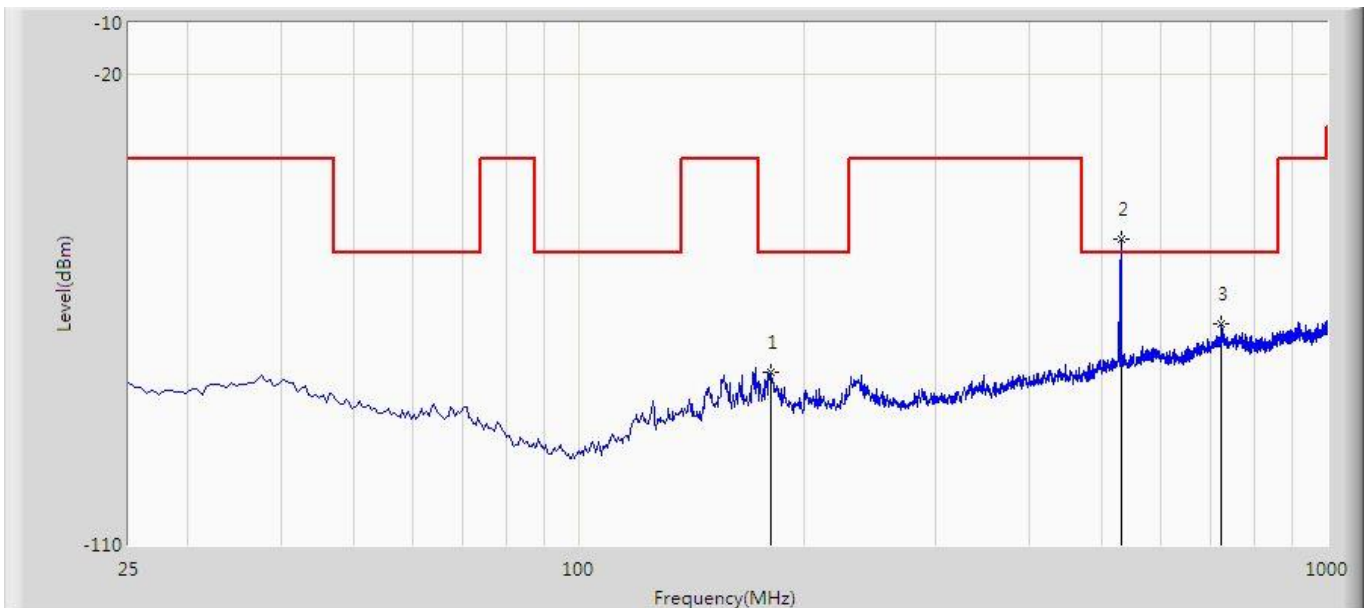


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 202.450         | -78.158             | -98.288             | -24.158     | -54.000     | 20.130      | PK   |
| 2  | X    | *    | 519.812         | -47.071             | -74.228             | N/A         | N/A         | 27.157      | PK   |
| 3  | X    |      | 615.362         | -71.579             | -99.867             | -17.579     | -54.000     | 28.288      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 16:10 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 10mW |                          |

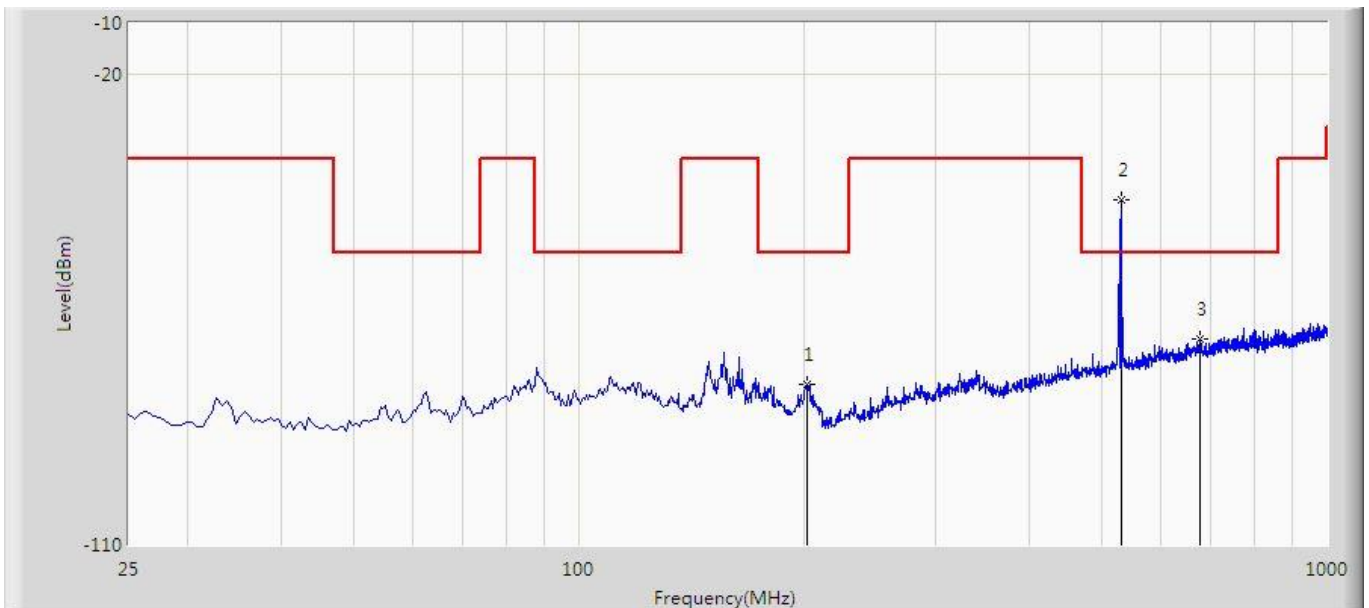


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -76.929             | -93.537             | -22.929     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 530.050         | -51.509             | -77.001             | N/A         | N/A         | 25.492      | PK   |
| 3  | X    |      | 723.100         | -67.781             | -95.279             | -13.781     | -54.000     | 27.498      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 16:11 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 10mW |                          |

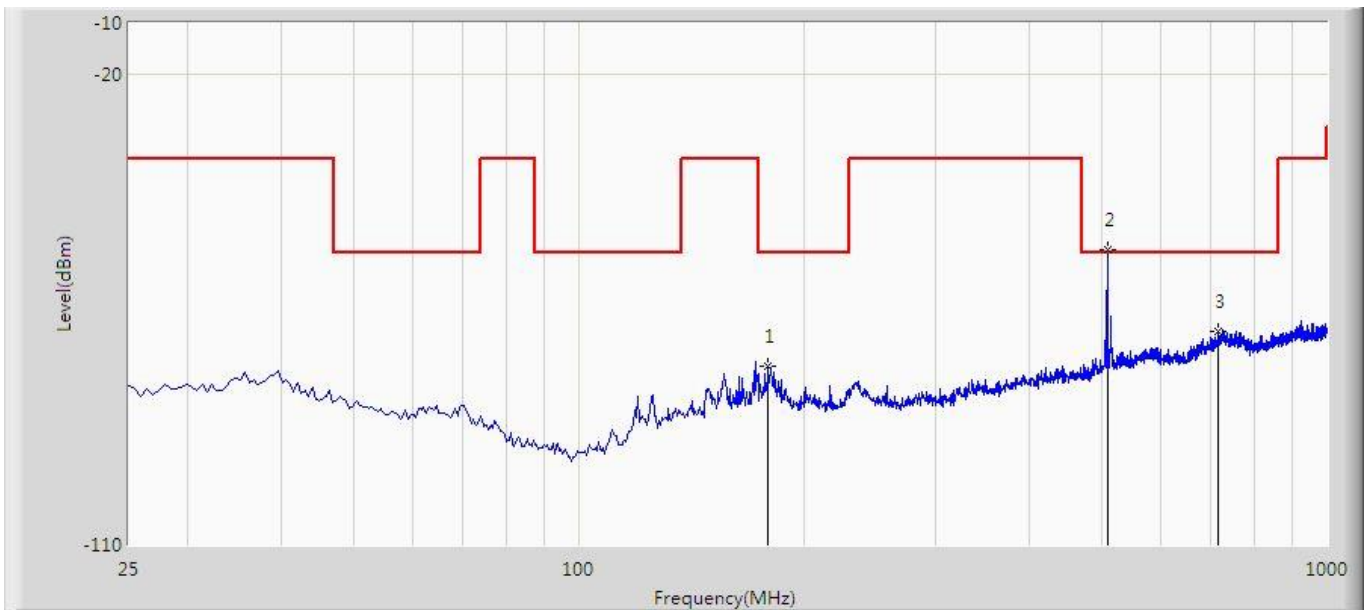


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.475         | -79.279             | -99.480             | -25.279     | -54.000     | 20.201      | PK   |
| 2  | X    | *    | 530.050         | -43.852             | -70.942             | N/A         | N/A         | 27.090      | PK   |
| 3  | X    |      | 676.300         | -70.677             | -99.636             | -16.677     | -54.000     | 28.959      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 16:00 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 50mW |                          |

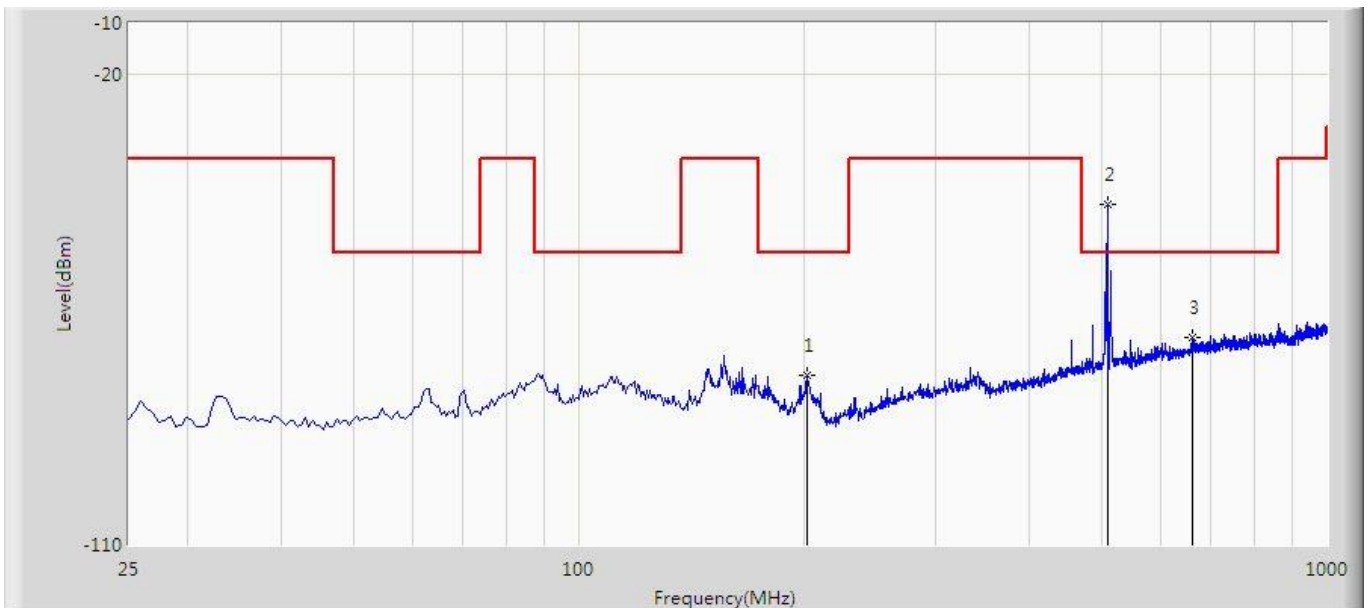


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.050         | -75.898             | -92.431             | -21.898     | -54.000     | 16.533      | PK   |
| 2  | X    | *    | 510.062         | -53.448             | -78.885             | N/A         | N/A         | 25.437      | PK   |
| 3  | X    |      | 714.812         | -69.131             | -97.007             | -15.131     | -54.000     | 27.876      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 16:01 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 50mW |                          |

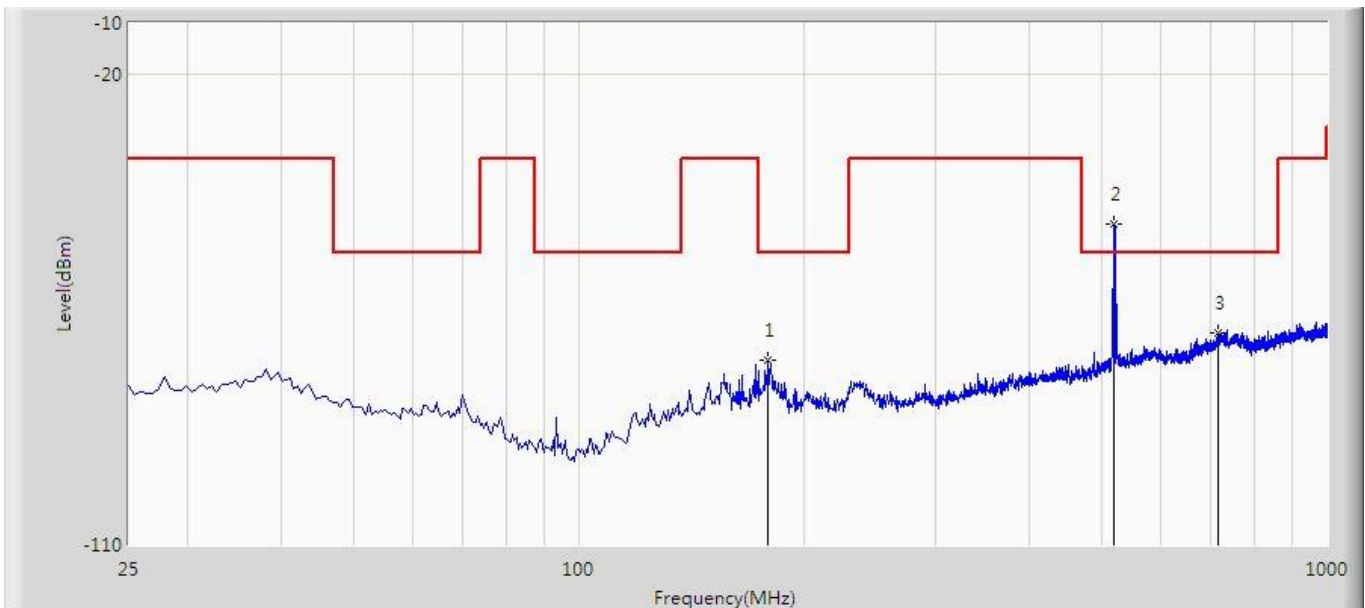


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.475         | -77.642             | -97.843             | -23.642     | -54.000     | 20.201      | PK   |
| 2  | X    | *    | 510.062         | -44.767             | -71.702             | N/A         | N/A         | 26.935      | PK   |
| 3  | X    |      | 659.725         | -70.167             | -98.847             | -16.167     | -54.000     | 28.680      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 16:07 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 50mW |                          |

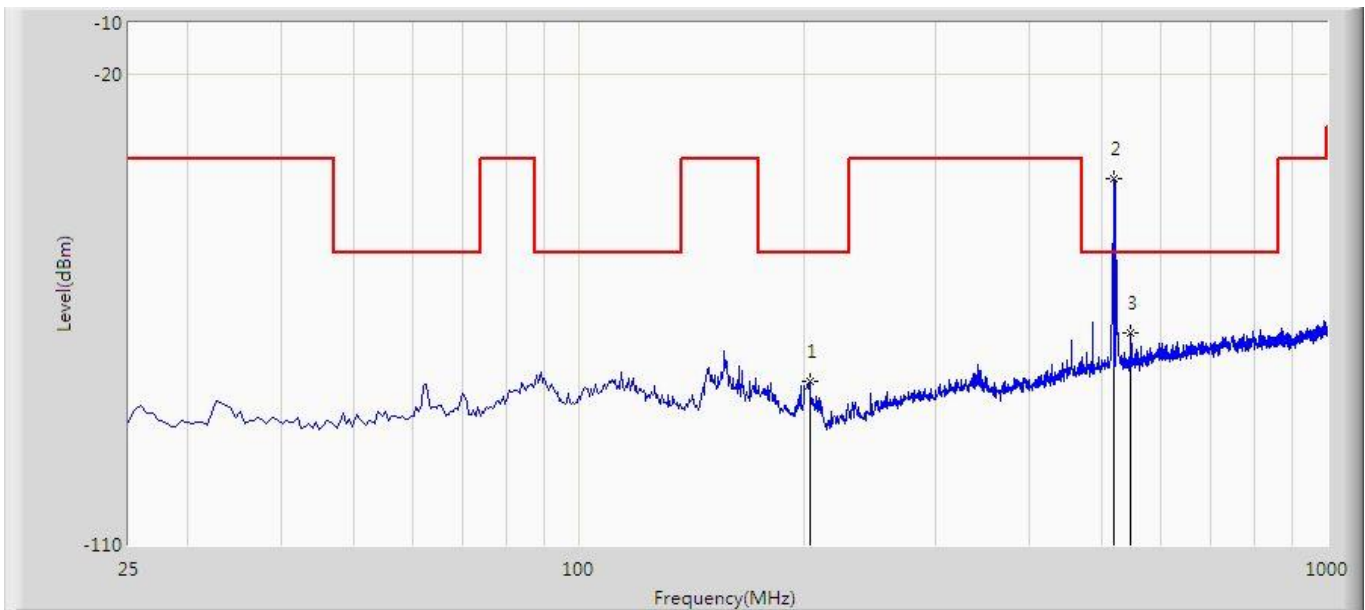


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.050         | -74.706             | -91.239             | -20.706     | -54.000     | 16.533      | PK   |
| 2  | X    | *    | 519.812         | -48.407             | -73.907             | N/A         | N/A         | 25.500      | PK   |
| 3  | X    |      | 716.763         | -69.451             | -97.381             | -15.451     | -54.000     | 27.930      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/22 - 16:09 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                          | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 50mW |                          |

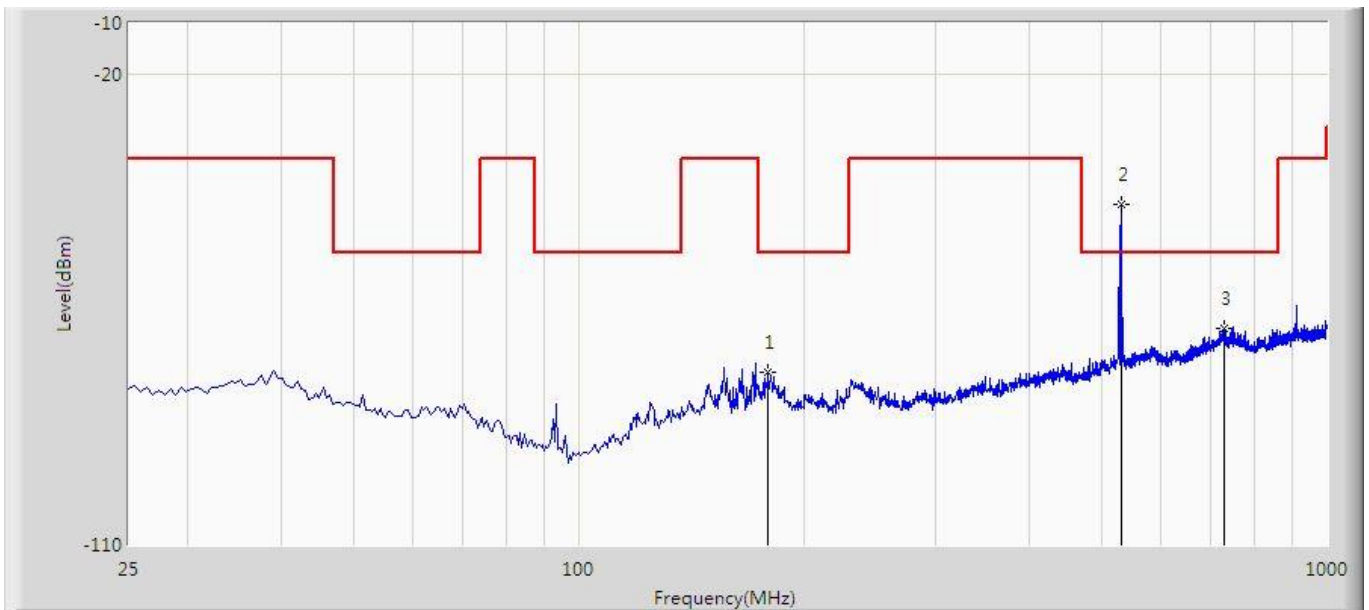


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 203.425         | -78.587             | -98.646             | -24.587     | -54.000     | 20.059      | PK   |
| 2  | X    | *    | 519.812         | -39.971             | -67.128             | N/A         | N/A         | 27.157      | PK   |
| 3  | X    |      | 547.112         | -69.414             | -96.409             | -15.414     | -54.000     | 26.995      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 16:14 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 50mW |                          |

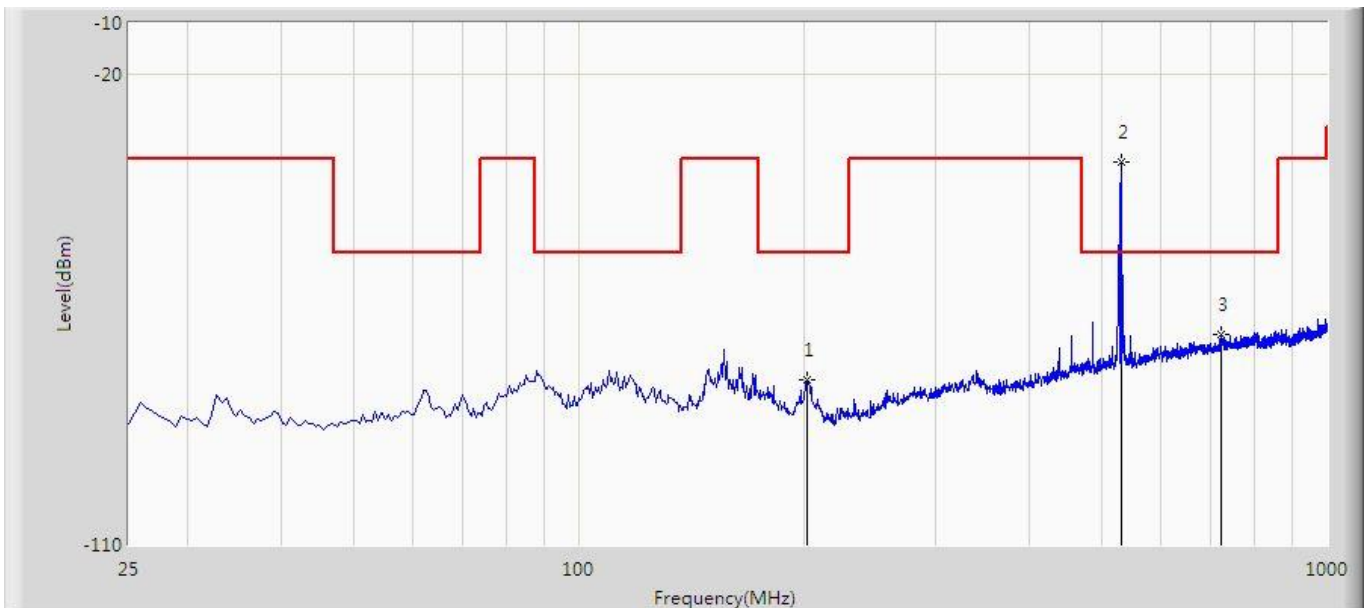


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.050         | -76.919             | -93.452             | -22.919     | -54.000     | 16.533      | PK   |
| 2  | X    | *    | 530.050         | -44.794             | -70.286             | N/A         | N/A         | 25.492      | PK   |
| 3  | X    |      | 728.950         | -68.633             | -95.147             | -14.633     | -54.000     | 26.514      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 16:14 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 50mW |                          |

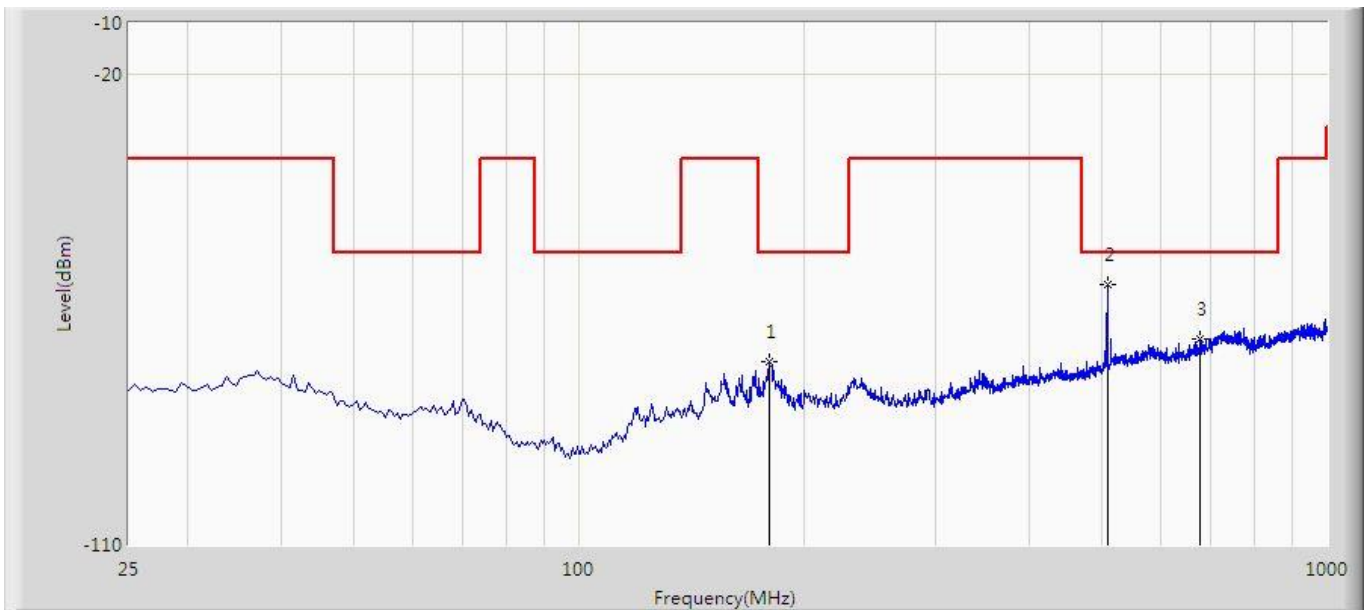


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.475         | -78.378             | -98.579             | -24.378     | -54.000     | 20.201      | PK   |
| 2  | X    | *    | 530.050         | -36.717             | -63.807             | N/A         | N/A         | 27.090      | PK   |
| 3  | X    |      | 721.150         | -69.604             | -99.187             | -15.604     | -54.000     | 29.583      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 14:55 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 10mW |                          |

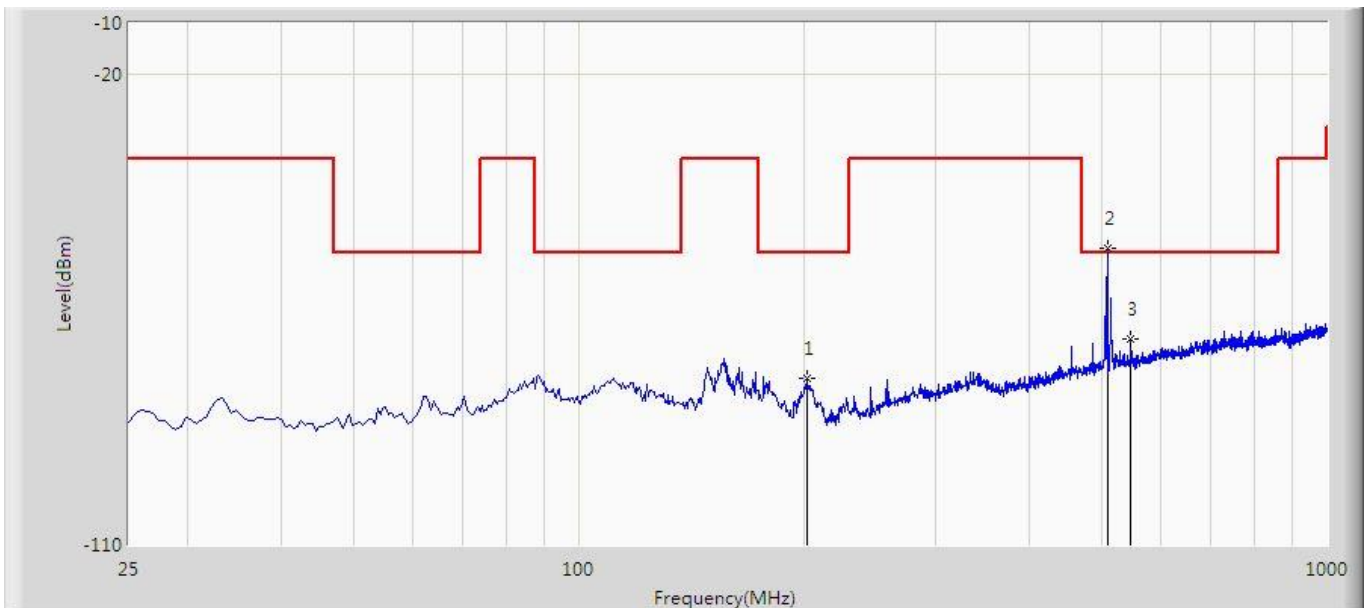


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.538         | -74.982             | -91.531             | -20.982     | -54.000     | 16.549      | PK   |
| 2  | X    | *    | 510.062         | -60.223             | -85.660             | N/A         | N/A         | 25.437      | PK   |
| 3  | X    |      | 677.275         | -70.576             | -97.923             | -16.576     | -54.000     | 27.347      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 14:56 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 10mW |                          |

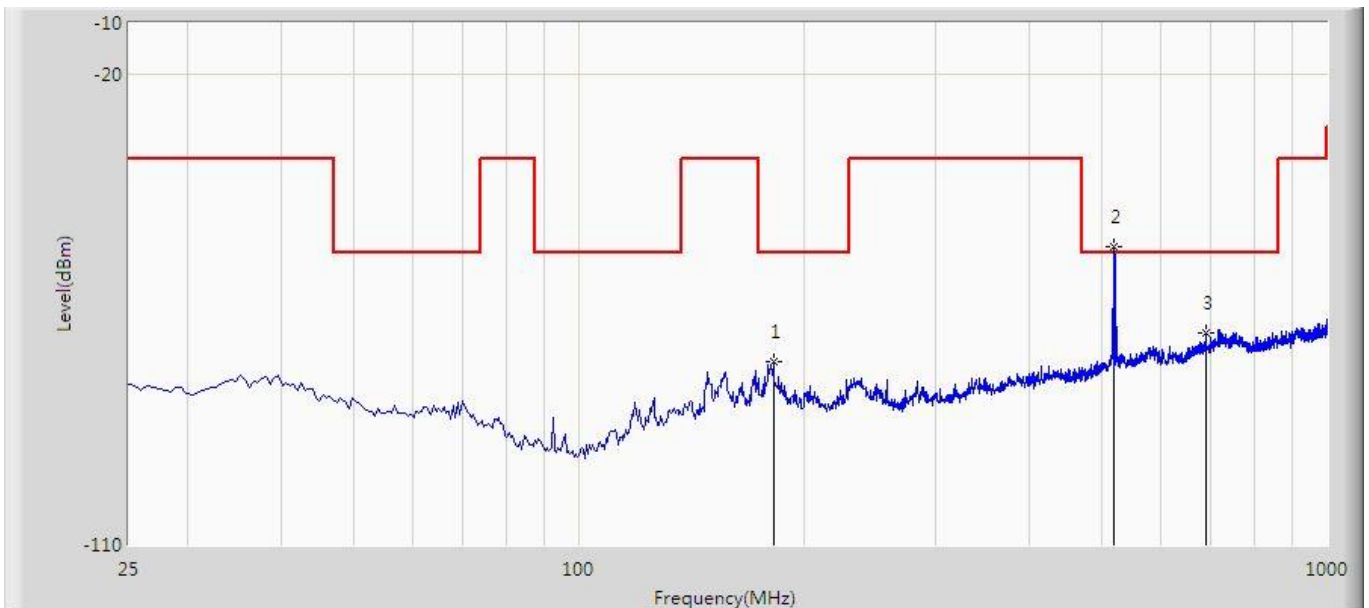


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.475         | -78.068             | -98.269             | -24.068     | -54.000     | 20.201      | PK   |
| 2  | X    | *    | 510.062         | -53.108             | -80.043             | N/A         | N/A         | 26.935      | PK   |
| 3  | X    |      | 547.112         | -70.638             | -97.633             | -16.638     | -54.000     | 26.995      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:14 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 10mW |                          |

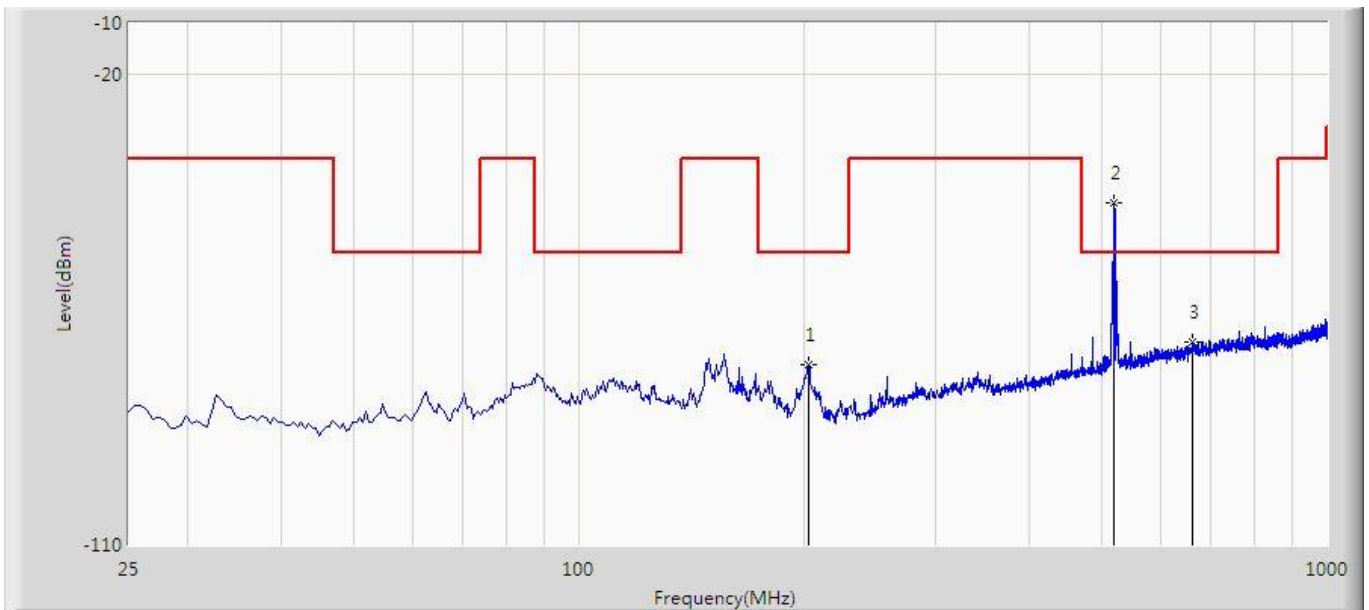


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 181.975         | -75.011             | -91.852             | -21.011     | -54.000     | 16.841      | PK   |
| 2  | X    | *    | 519.812         | -52.873             | -78.373             | N/A         | N/A         | 25.500      | PK   |
| 3  | X    |      | 688.487         | -69.452             | -96.951             | -15.452     | -54.000     | 27.499      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:17 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 10mW |                          |

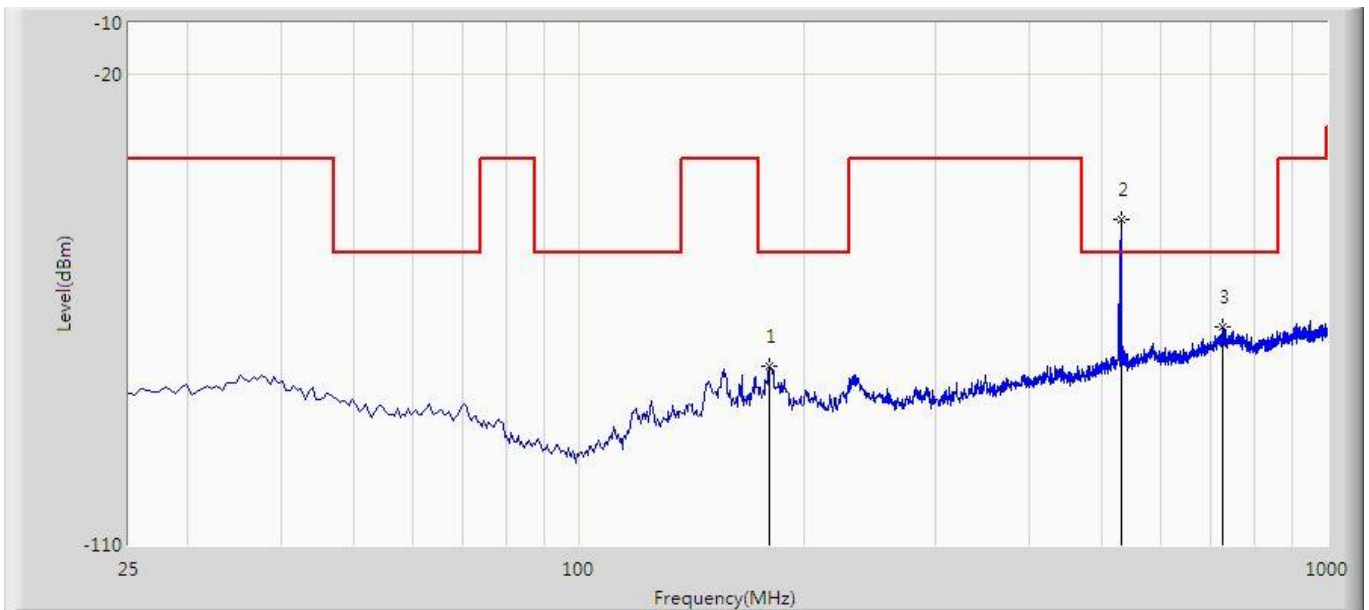


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 202.937         | -75.602             | -95.697             | -21.602     | -54.000     | 20.095      | PK   |
| 2  | X    | *    | 519.812         | -44.501             | -71.658             | N/A         | N/A         | 27.157      | PK   |
| 3  | X    |      | 661.675         | -71.182             | -99.885             | -17.182     | -54.000     | 28.703      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 15:21 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 10mW |                          |

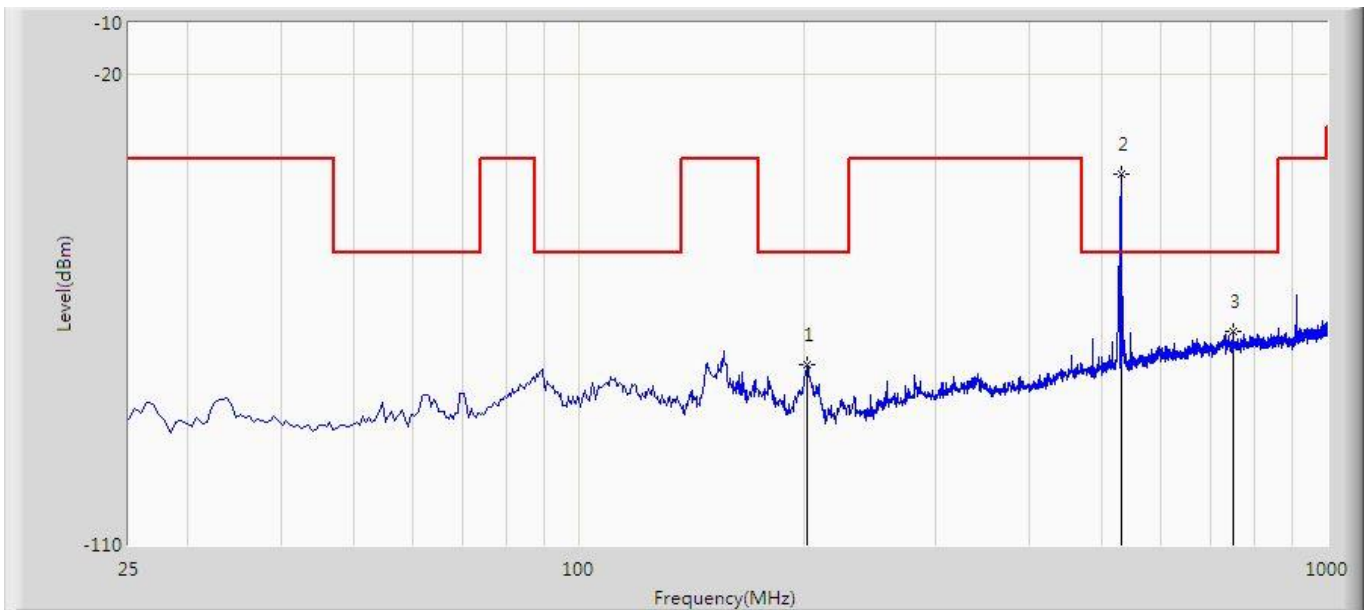


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.025         | -75.739             | -92.304             | -21.739     | -54.000     | 16.565      | PK   |
| 2  | X    | *    | 530.050         | -47.805             | -73.297             | N/A         | N/A         | 25.492      | PK   |
| 3  | X    |      | 726.025         | -68.208             | -95.214             | -14.208     | -54.000     | 27.006      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 15:24 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 10mW |                          |

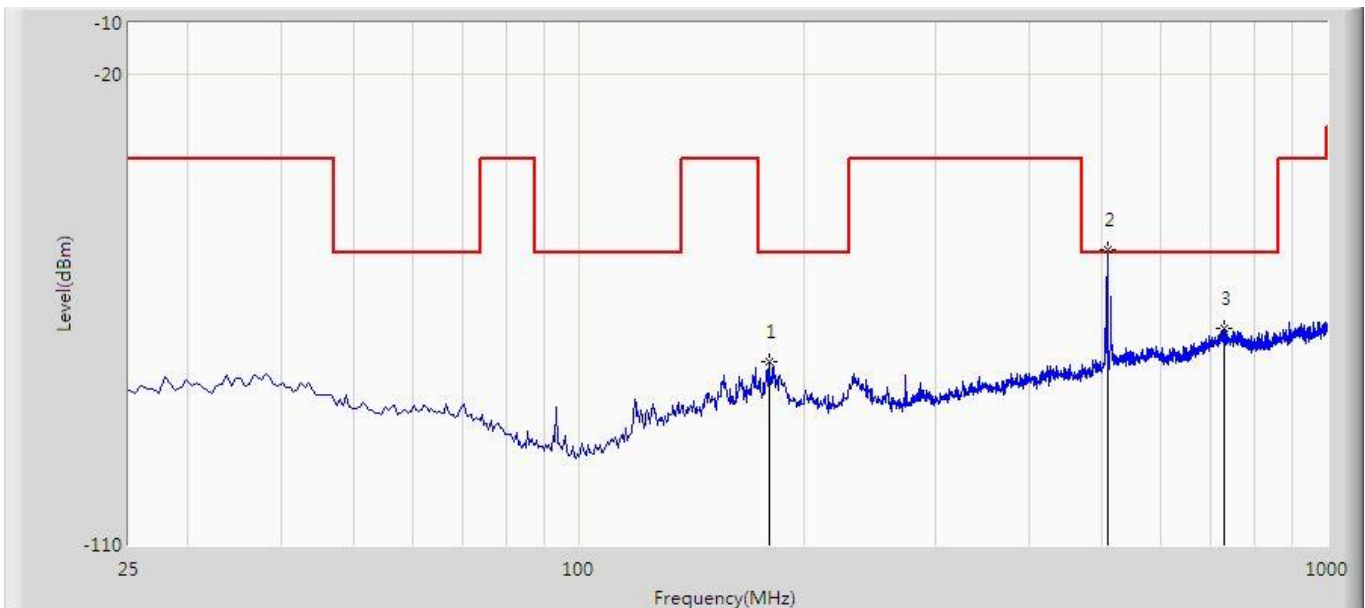


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 201.962         | -75.565             | -95.731             | -21.565     | -54.000     | 20.166      | PK   |
| 2  | X    | *    | 530.050         | -39.103             | -66.193             | N/A         | N/A         | 27.090      | PK   |
| 3  | X    |      | 749.425         | -69.031             | -99.312             | -15.031     | -54.000     | 30.281      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 14:41 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 50mW |                          |

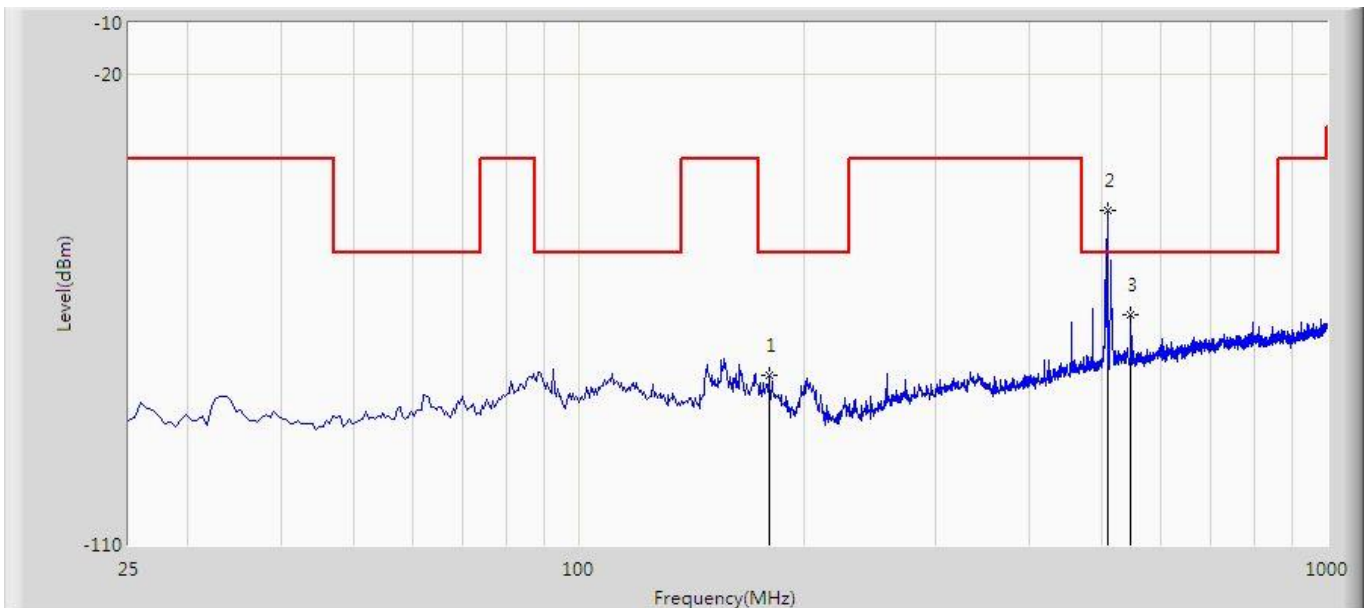


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.538         | -75.039             | -91.588             | -21.039     | -54.000     | 16.549      | PK   |
| 2  | X    | *    | 510.062         | -53.438             | -78.875             | N/A         | N/A         | 25.437      | PK   |
| 3  | X    |      | 727.975         | -68.547             | -95.225             | -14.547     | -54.000     | 26.678      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 14:50 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 50mW |                          |

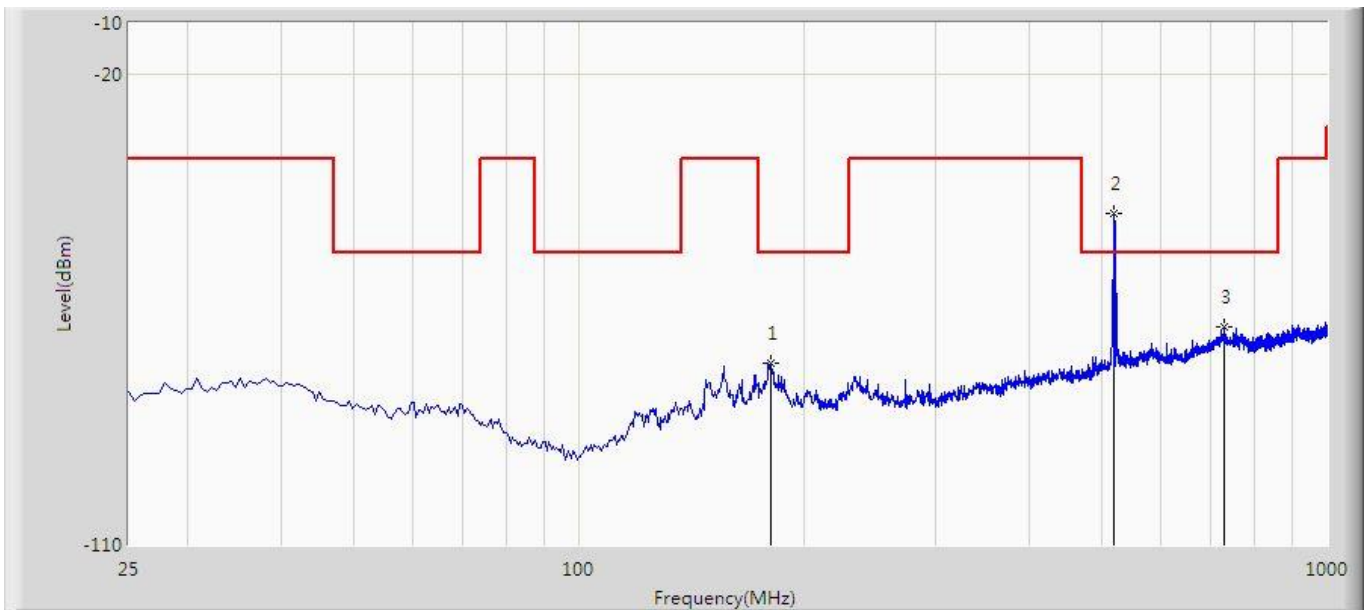


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.538         | -77.474             | -97.429             | -23.474     | -54.000     | 19.955      | PK   |
| 2  | X    | *    | 510.062         | -45.905             | -72.840             | N/A         | N/A         | 26.935      | PK   |
| 3  | X    |      | 547.112         | -65.798             | -92.793             | -11.798     | -54.000     | 26.995      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:19 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 50mW |                          |

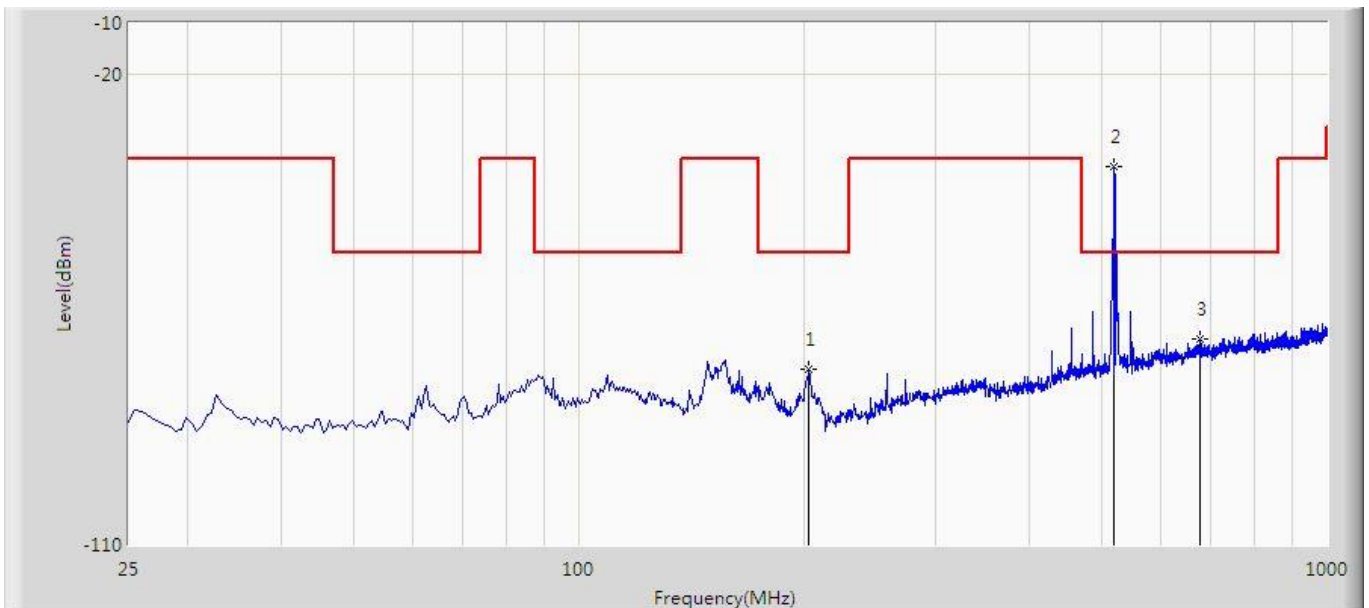


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.512         | -75.086             | -91.694             | -21.086     | -54.000     | 16.608      | PK   |
| 2  | X    | *    | 519.812         | -46.406             | -71.906             | N/A         | N/A         | 25.500      | PK   |
| 3  | X    |      | 729.925         | -68.293             | -94.643             | -14.293     | -54.000     | 26.350      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/22 - 15:20 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                              | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 50mW |                          |

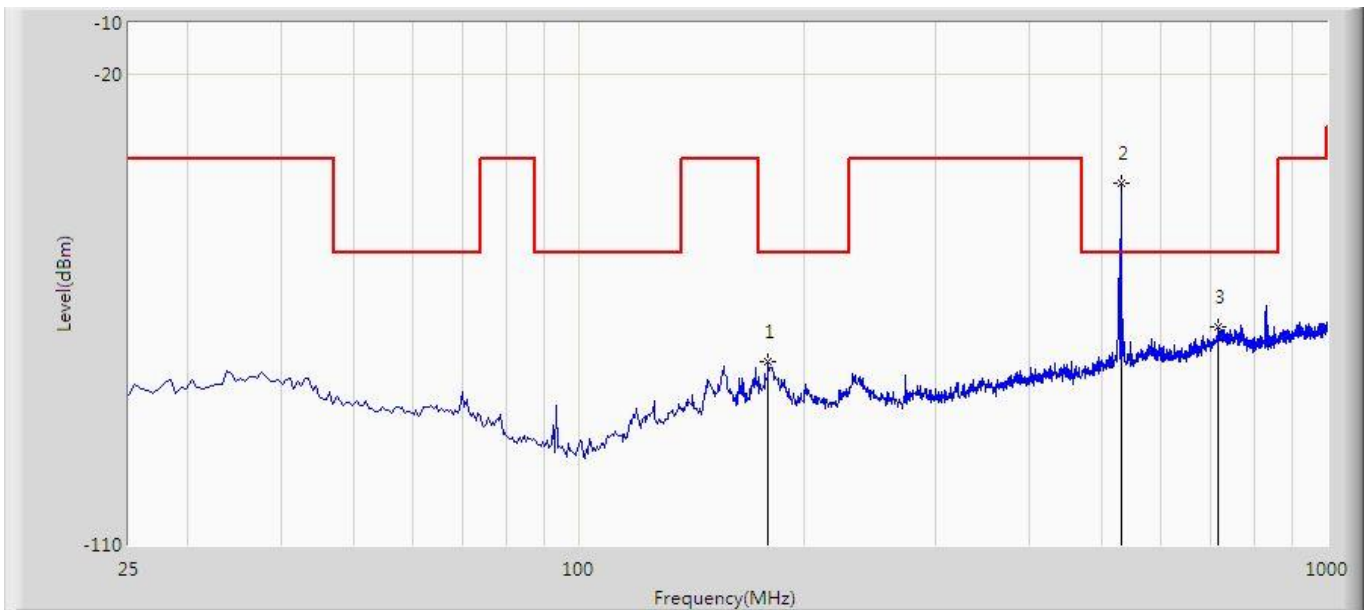


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 202.937         | -76.450             | -96.545             | -22.450     | -54.000     | 20.095      | PK   |
| 2  | X    | *    | 519.812         | -37.630             | -64.787             | N/A         | N/A         | 27.157      | PK   |
| 3  | X    |      | 676.300         | -70.593             | -99.552             | -16.593     | -54.000     | 28.959      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 15:25 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 50mW |                          |

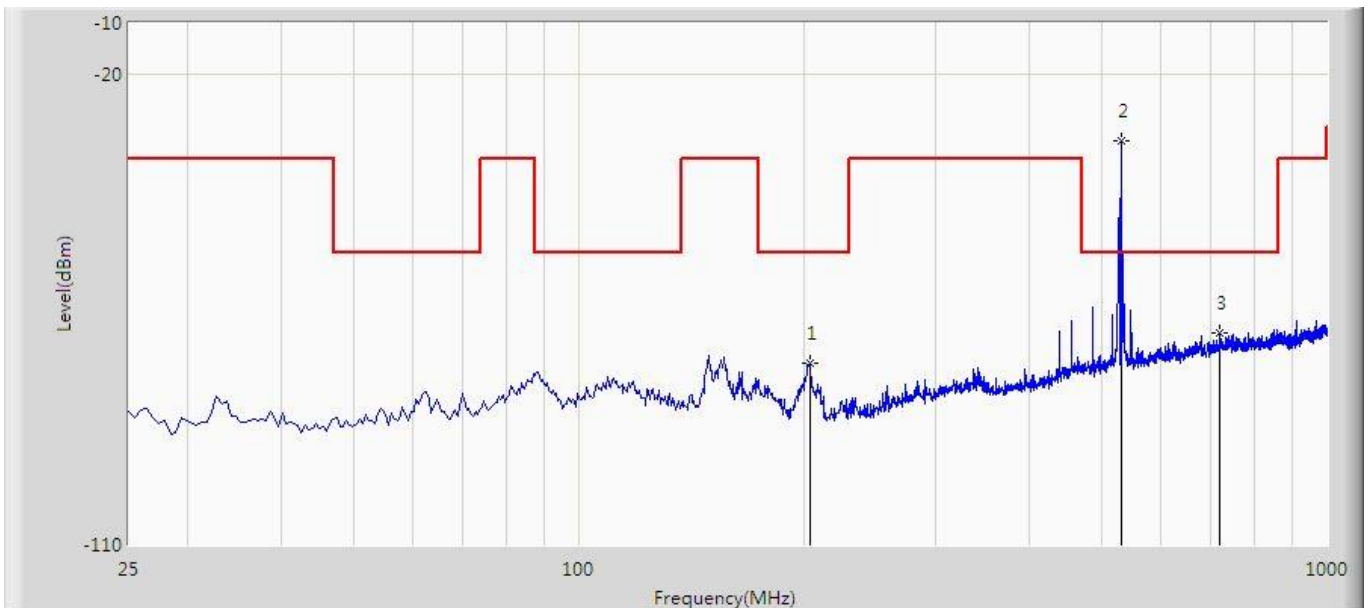


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 179.050         | -74.820             | -91.353             | -20.820     | -54.000     | 16.533      | PK   |
| 2  | X    | *    | 530.050         | -40.737             | -66.229             | N/A         | N/A         | 25.492      | PK   |
| 3  | X    |      | 716.763         | -68.208             | -96.138             | -14.208     | -54.000     | 27.930      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/22 - 15:28 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (TX)                                  | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 50mW |                          |

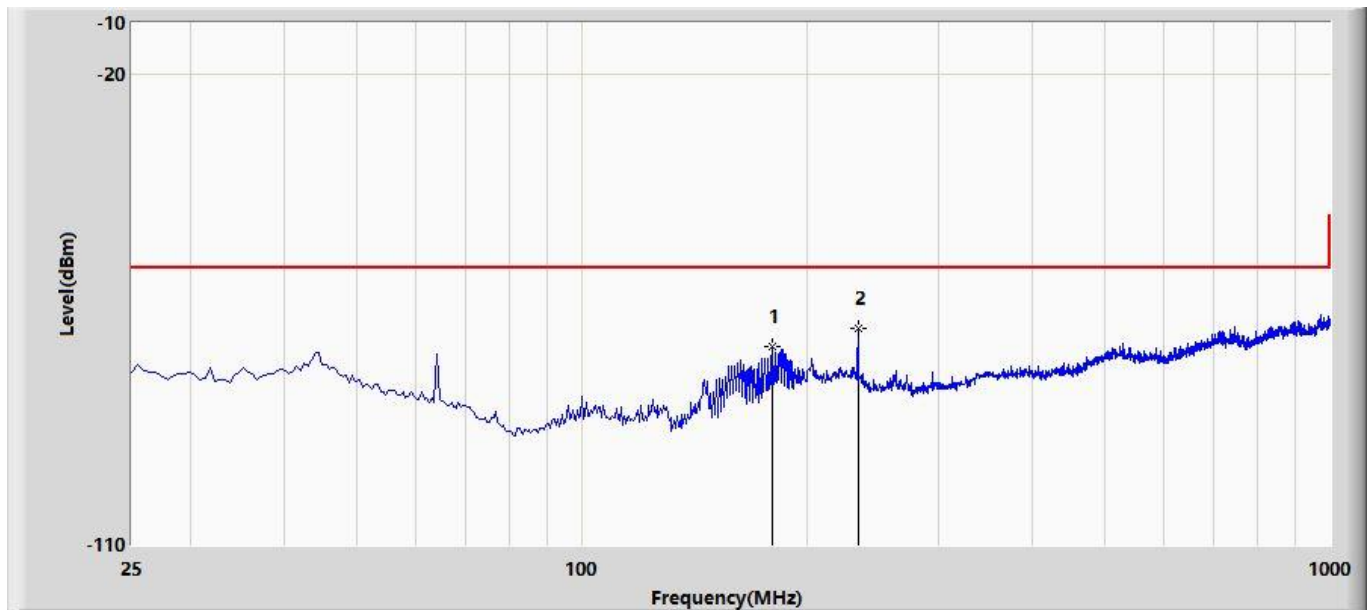


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 203.425         | -75.322             | -95.381             | -21.322     | -54.000     | 20.059      | PK   |
| 2  | X    | *    | 530.050         | -32.535             | -59.625             | N/A         | N/A         | 27.090      | PK   |
| 3  | X    |      | 719.687         | -69.337             | -99.053             | -15.337     | -54.000     | 29.716      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                 |                          |
|---------------------------------|--------------------------|
| Site: AC1                       | Time: 2019/11/15 - 10:15 |
| Limit: ETSI_EN300422_RSE(3m)_RX | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (RX)      | Polarity: Horizontal     |
| EUT: Wireless Transmitter       | Power: AC 110V/60Hz      |
| Test Mode: Standby mode         |                          |

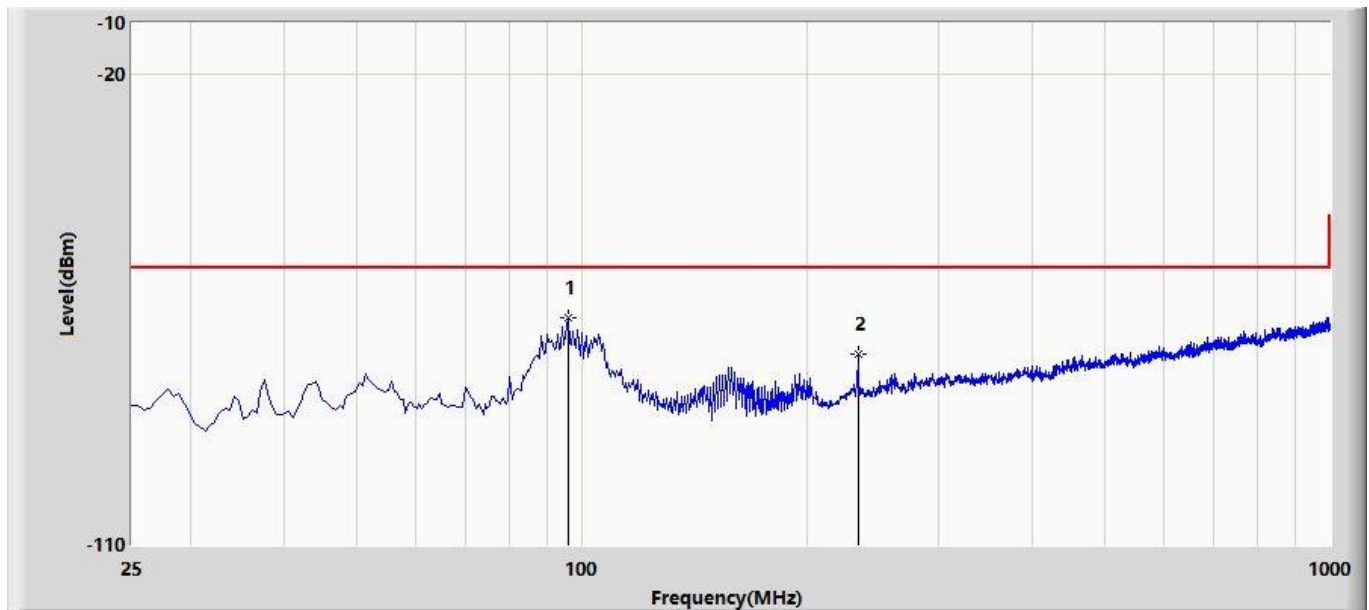


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 180.025         | -72.116             | -88.681             | -15.116     | -57.000     | 16.565      | PK   |
| 2  | X    | *    | 234.137         | -68.526             | -88.090             | -11.526     | -57.000     | 19.564      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                 |                          |
|---------------------------------|--------------------------|
| Site: AC1                       | Time: 2019/11/15 - 10:15 |
| Limit: ETSI_EN300422_RSE(3m)_RX | Engineer: Kevin Ker      |
| Probe: ERP_25MHz~1GHz (RX)      | Polarity: Vertical       |
| EUT: Wireless Transmitter       | Power: AC 110V/60Hz      |
| Test Mode: Standby mode         |                          |

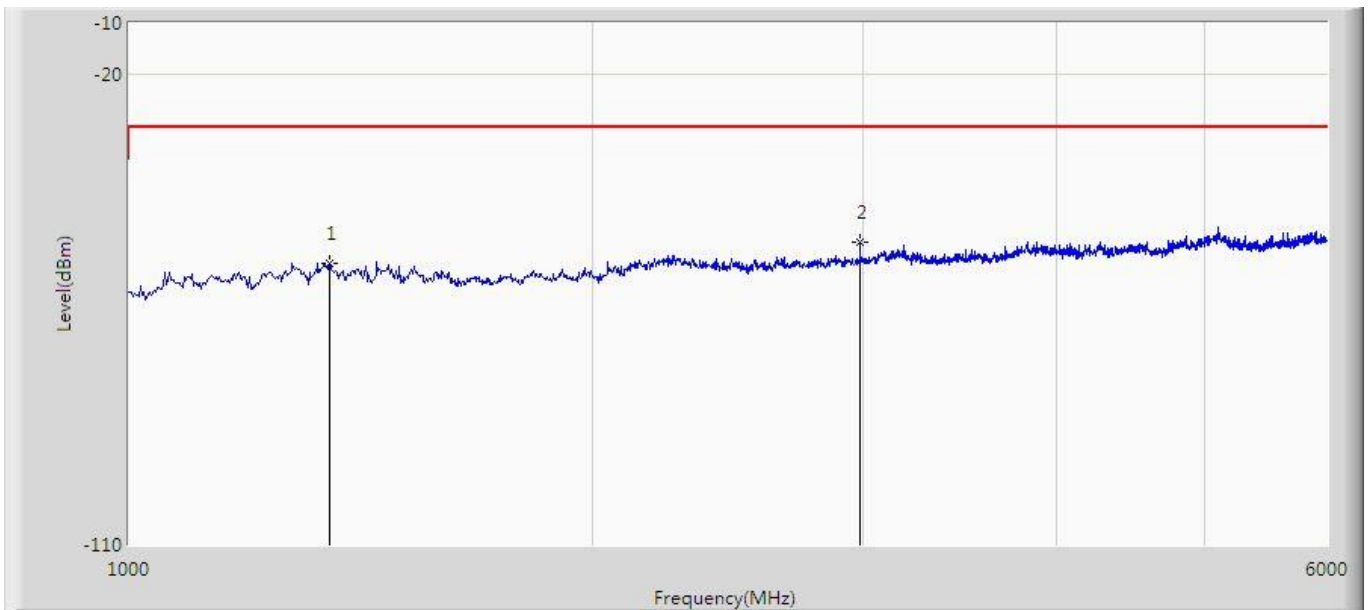


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    | *    | 95.687          | -66.510             | -88.032             | -9.510      | -57.000     | 21.522      | PK   |
| 2  | X    |      | 234.137         | -73.383             | -94.021             | -16.383     | -57.000     | 20.638      | PK   |

Note1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:18 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 10mW |                          |

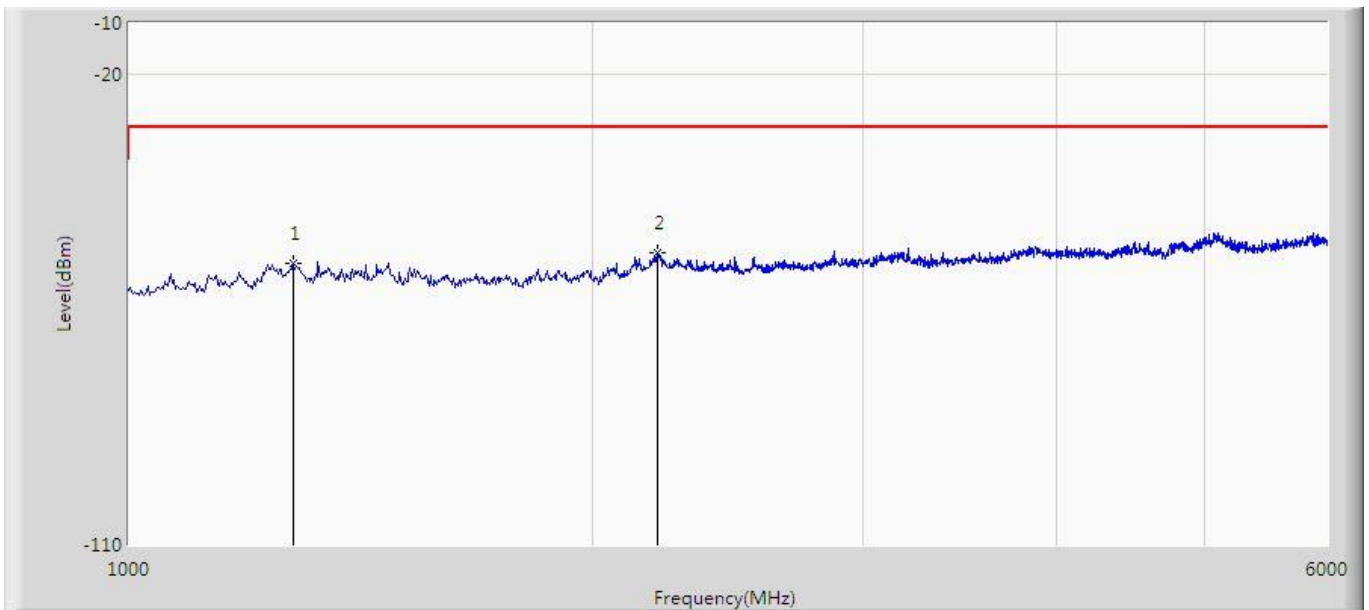


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1350.000        | -55.970             | -60.529             | -25.970     | -30.000     | 4.559       | PK   |
| 2  | X    | *    | 2985.000        | -52.024             | -59.366             | -22.024     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:23 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 10mW |                          |

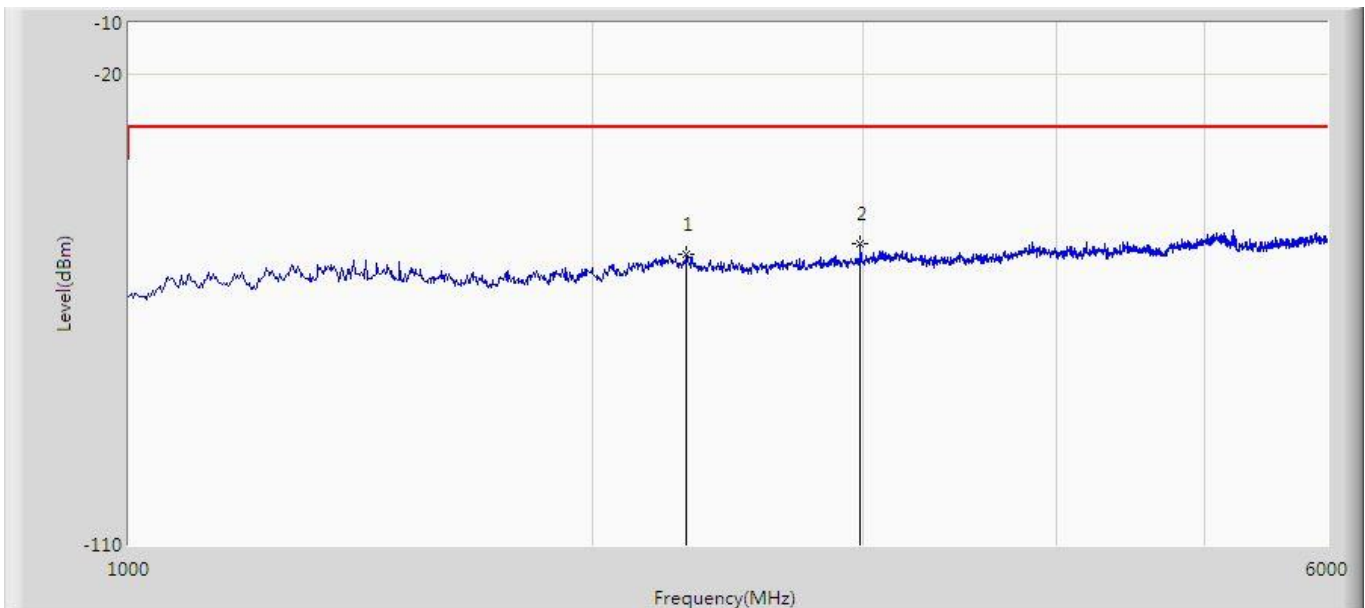


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1280.000        | -56.111             | -60.033             | -26.111     | -30.000     | 3.922       | PK   |
| 2  | X    | *    | 2205.000        | -54.132             | -61.741             | -24.132     | -30.000     | 7.609       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 21:25 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 10mW |                          |

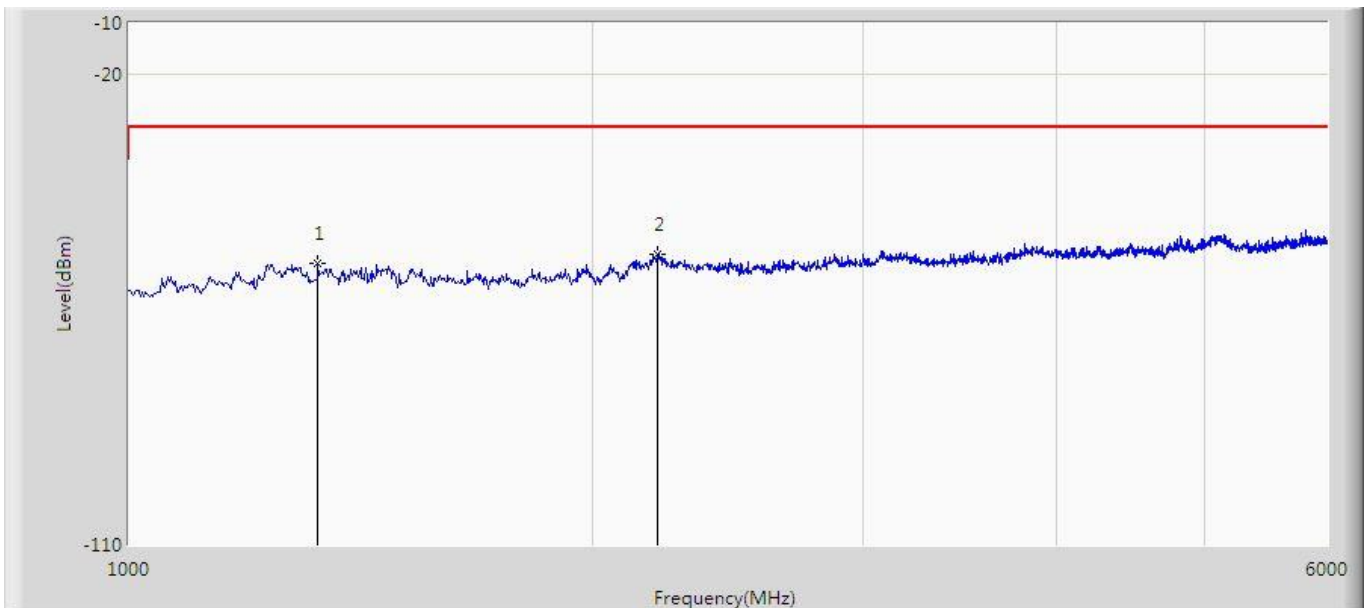


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 2302.500        | -54.475             | -60.747             | -24.475     | -30.000     | 6.272       | PK   |
| 2  | X    | *    | 2985.000        | -52.389             | -59.731             | -22.389     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 21:26 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 10mW |                          |

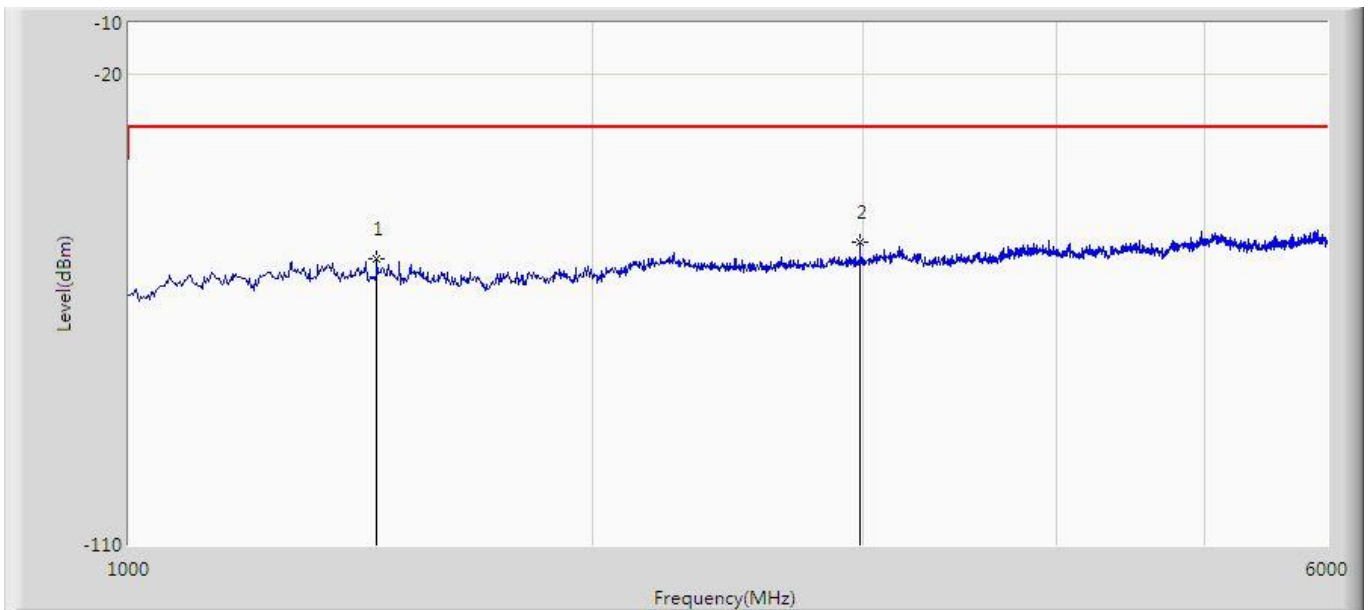


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1327.500        | -56.072             | -61.265             | -26.072     | -30.000     | 5.193       | PK   |
| 2  | X    | *    | 2207.500        | -54.422             | -62.029             | -24.422     | -30.000     | 7.608       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:28 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 10mW |                          |

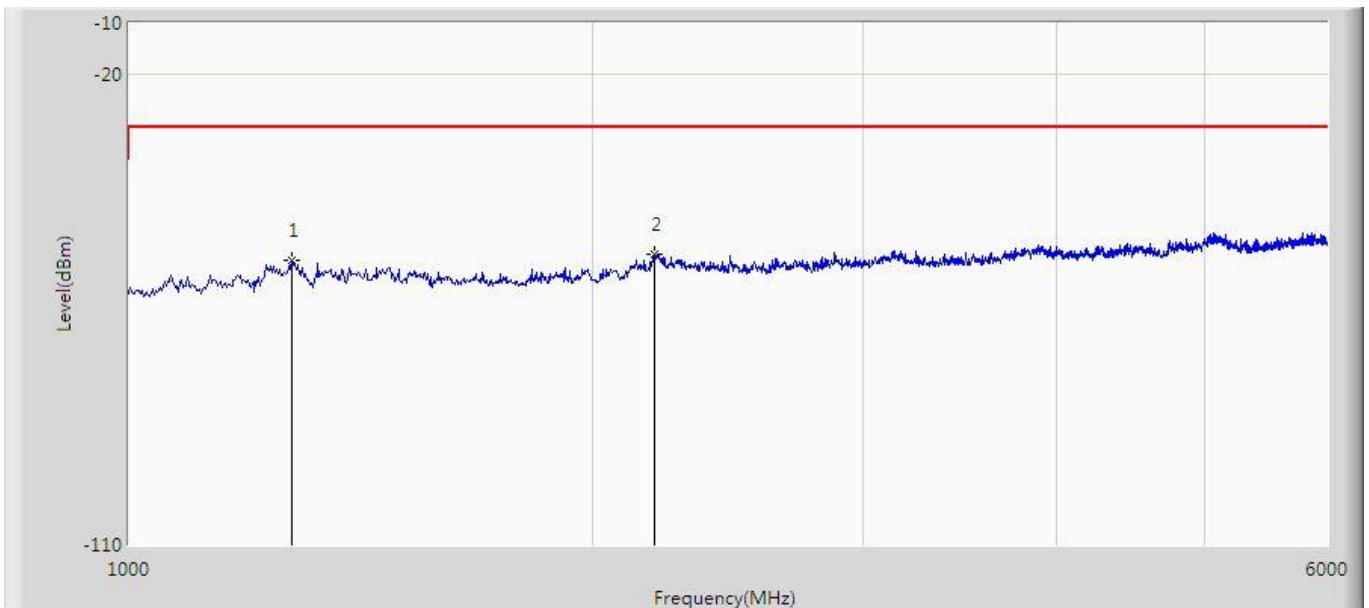


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1450.000        | -55.223             | -60.150             | -25.223     | -30.000     | 4.927       | PK   |
| 2  | X    | *    | 2985.000        | -51.993             | -59.335             | -21.993     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:30 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 10mW |                          |

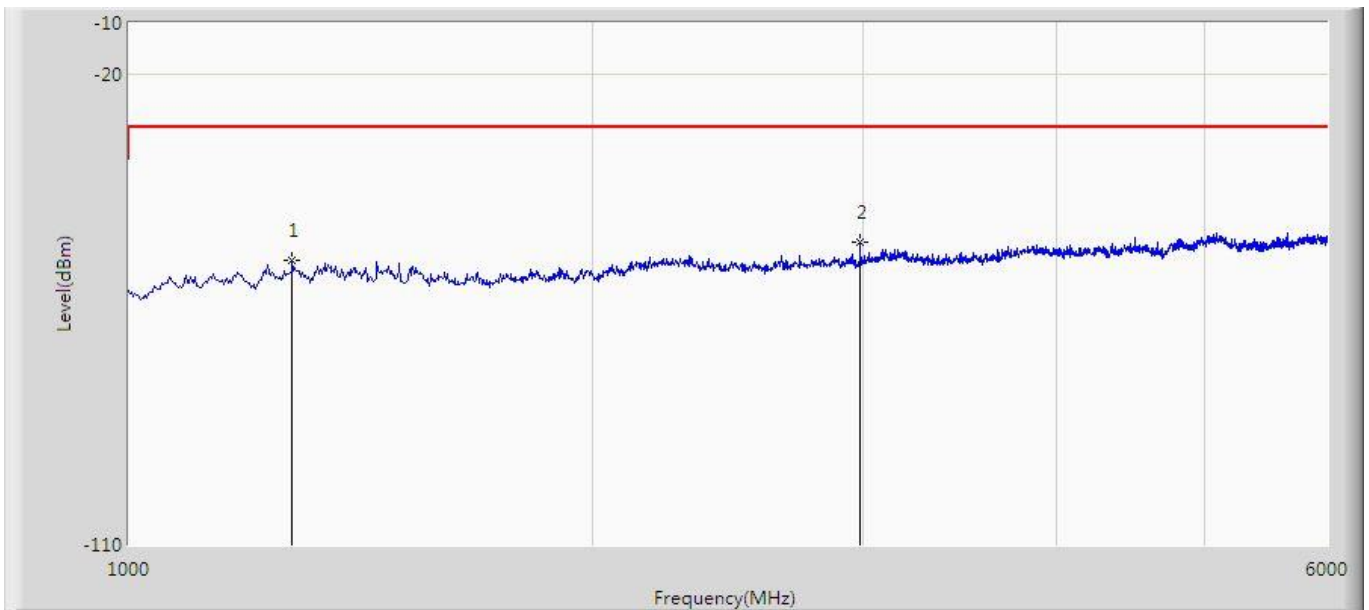


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1277.500        | -55.507             | -59.233             | -25.507     | -30.000     | 3.726       | PK   |
| 2  | X    | *    | 2195.000        | -54.490             | -62.121             | -24.490     | -30.000     | 7.631       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:31 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 50mW |                          |

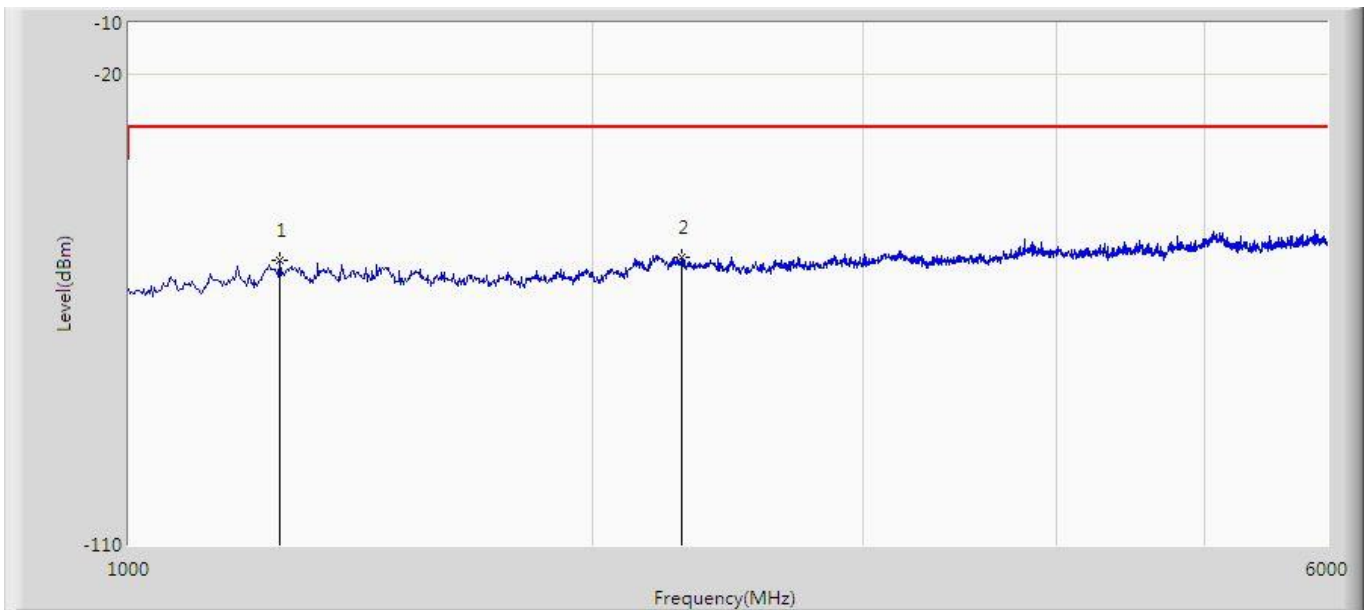


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1277.500        | -55.522             | -59.258             | -25.522     | -30.000     | 3.736       | PK   |
| 2  | X    | *    | 2985.000        | -52.025             | -59.367             | -22.025     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:34 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 510.125MHz 50mW |                          |

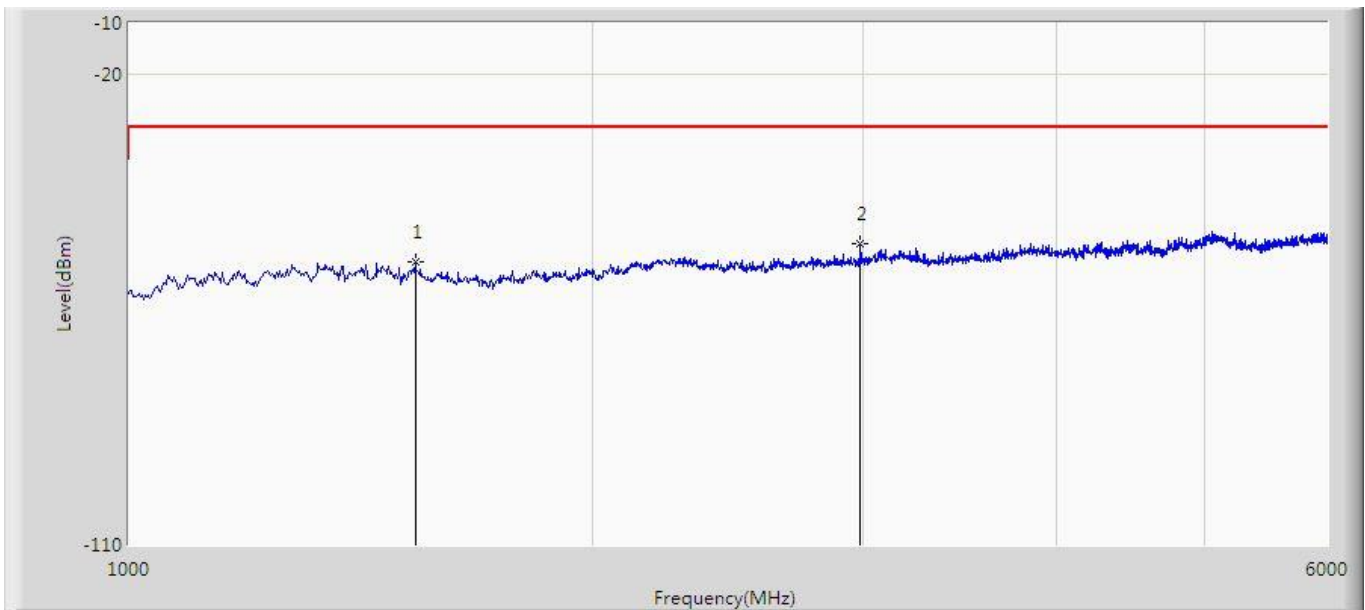


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1252.500        | -55.514             | -57.493             | -25.514     | -30.000     | 1.979       | PK   |
| 2  | X    | *    | 2287.500        | -55.065             | -63.313             | -25.065     | -30.000     | 8.248       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 21:36 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 50mW |                          |

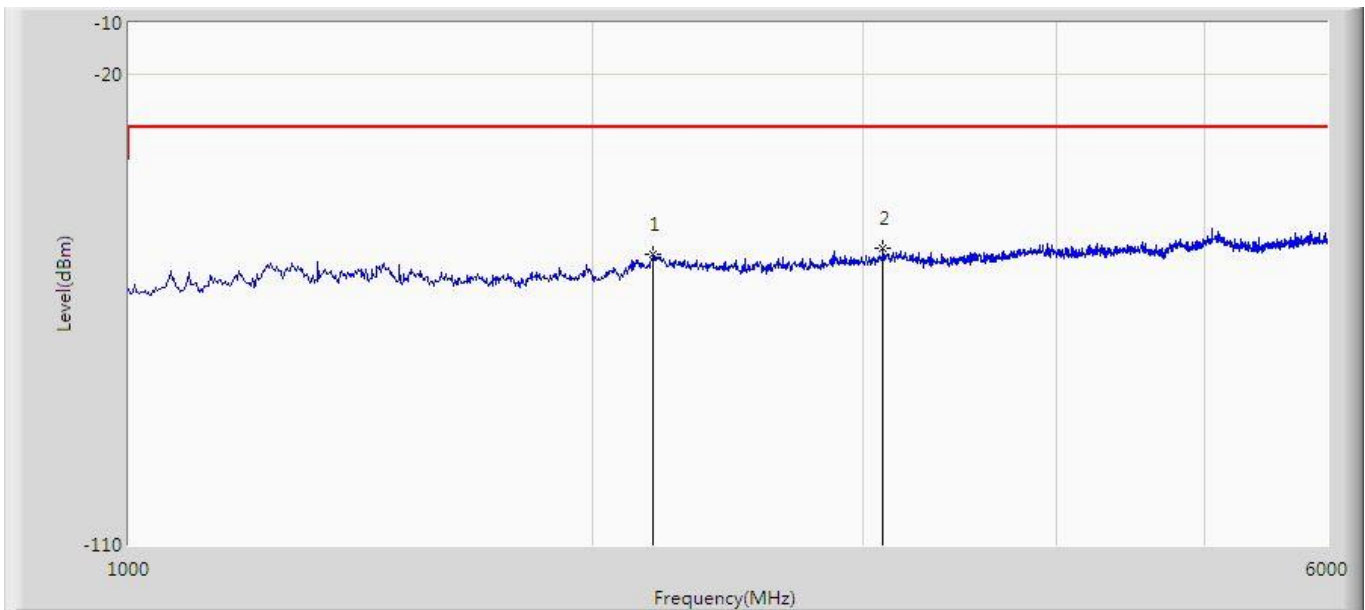


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1535.000        | -55.807             | -59.775             | -25.807     | -30.000     | 3.968       | PK   |
| 2  | X    | *    | 2985.000        | -52.359             | -59.701             | -22.359     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 21:38 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 520MHz 50mW |                          |

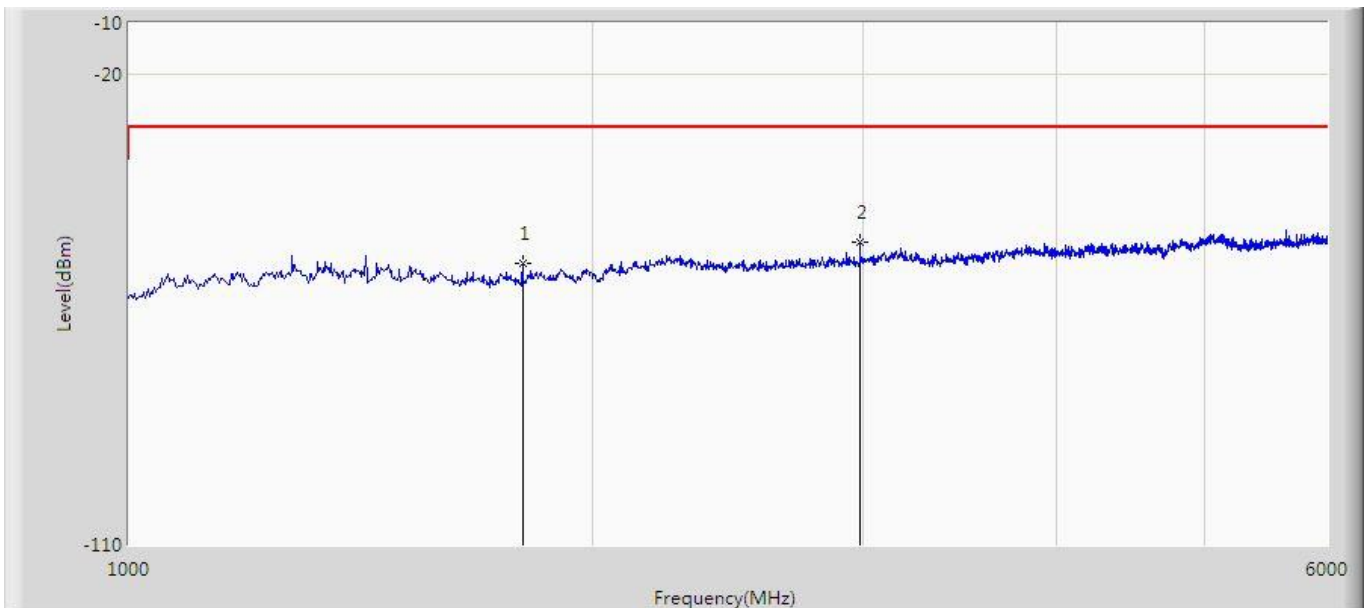


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 2192.500        | -54.233             | -61.870             | -24.233     | -30.000     | 7.637       | PK   |
| 2  | X    | *    | 3090.000        | -53.299             | -60.585             | -23.299     | -30.000     | 7.286       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:54 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 50mW |                          |

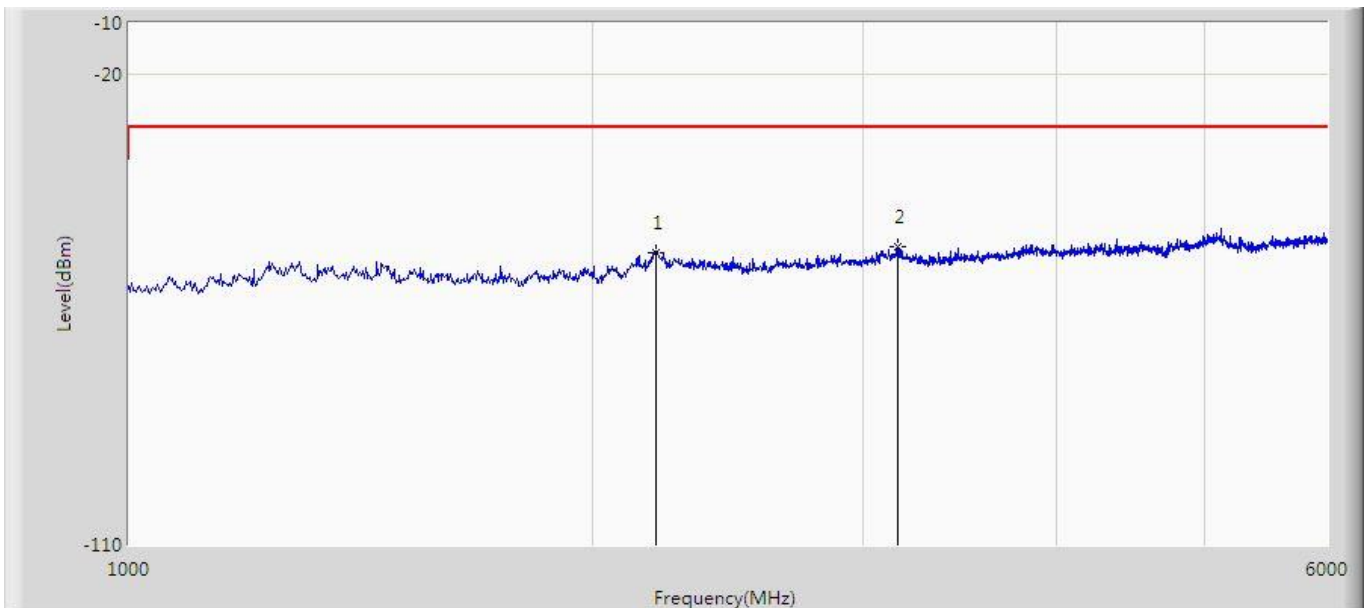


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1802.500        | -55.981             | -60.366             | -25.981     | -30.000     | 4.385       | PK   |
| 2  | X    | *    | 2985.000        | -51.972             | -59.314             | -21.972     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 21:55 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 at channel 529.875MHz 50mW |                          |

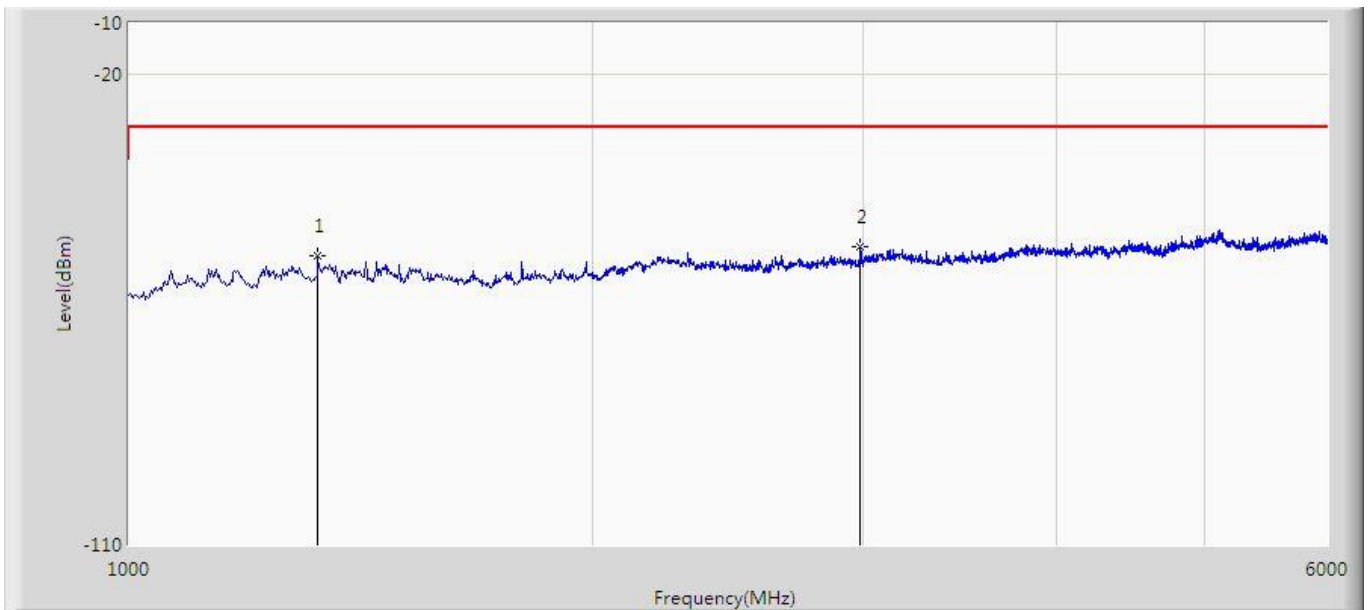


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 2202.500        | -53.916             | -61.531             | -23.916     | -30.000     | 7.615       | PK   |
| 2  | X    | *    | 3157.500        | -53.019             | -60.641             | -23.019     | -30.000     | 7.622       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:16 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 10mW |                          |

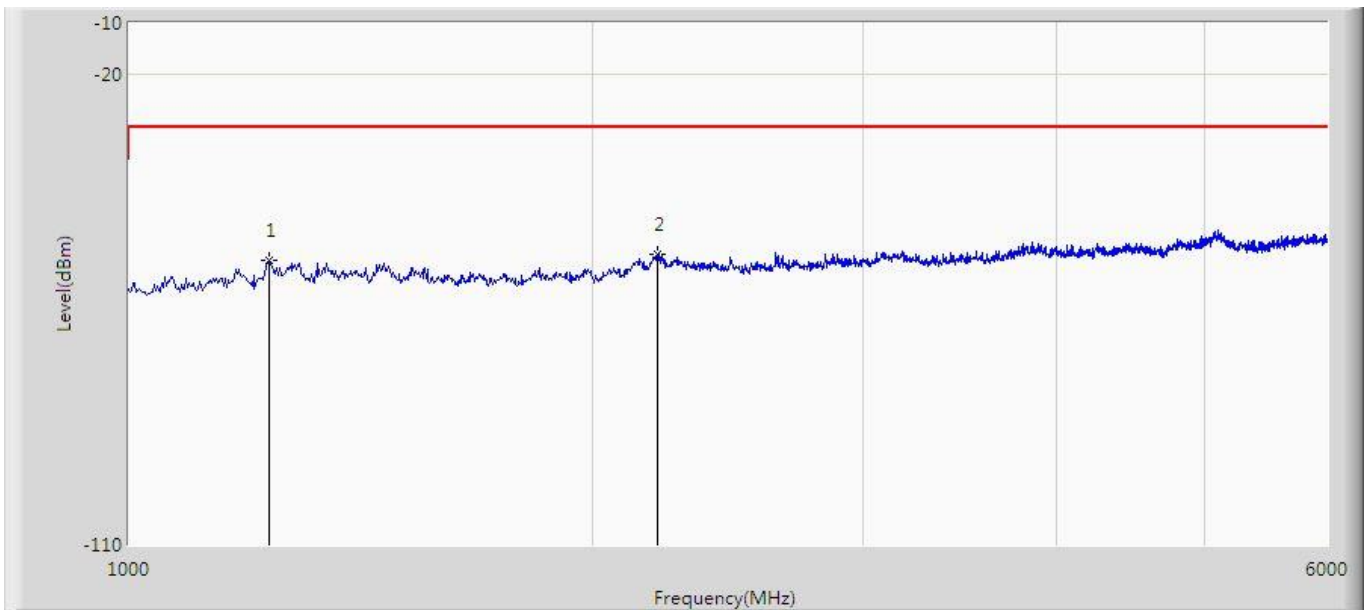


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1327.500        | -54.695             | -59.728             | -24.695     | -30.000     | 5.033       | PK   |
| 2  | X    | *    | 2987.500        | -52.917             | -60.260             | -22.917     | -30.000     | 7.343       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:18 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 10mW |                          |

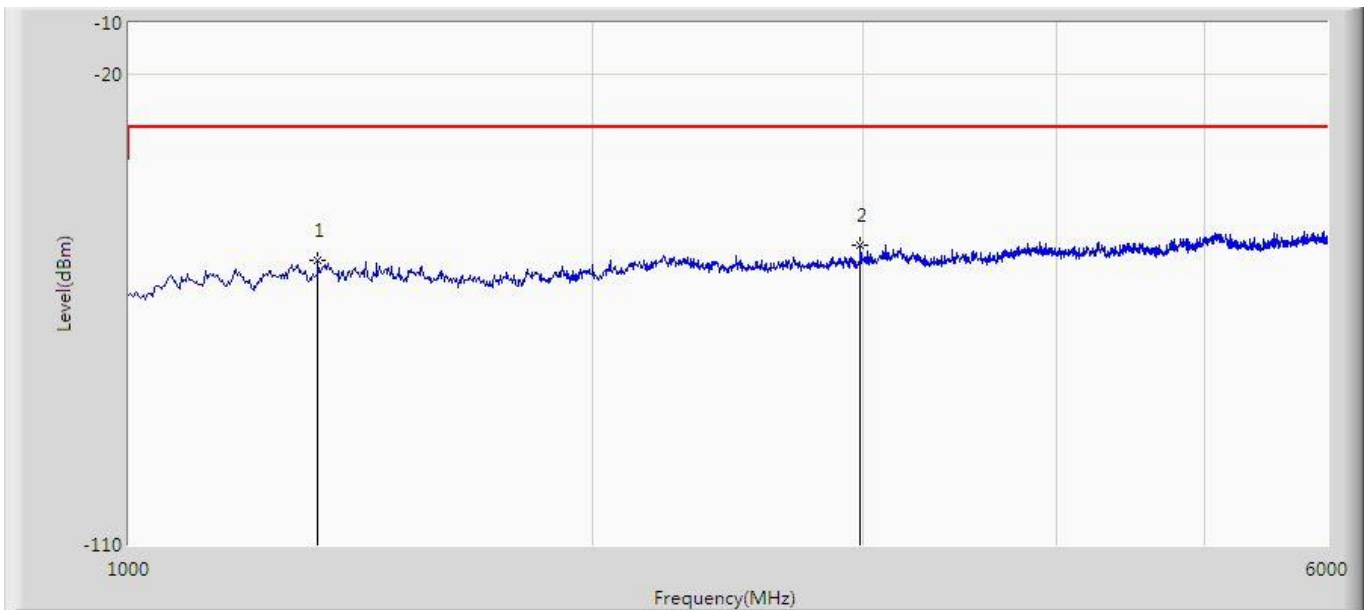


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1232.500        | -55.614             | -57.929             | -25.614     | -30.000     | 2.315       | PK   |
| 2  | X    | *    | 2207.500        | -54.326             | -61.934             | -24.326     | -30.000     | 7.608       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 22:19 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 10mW |                          |

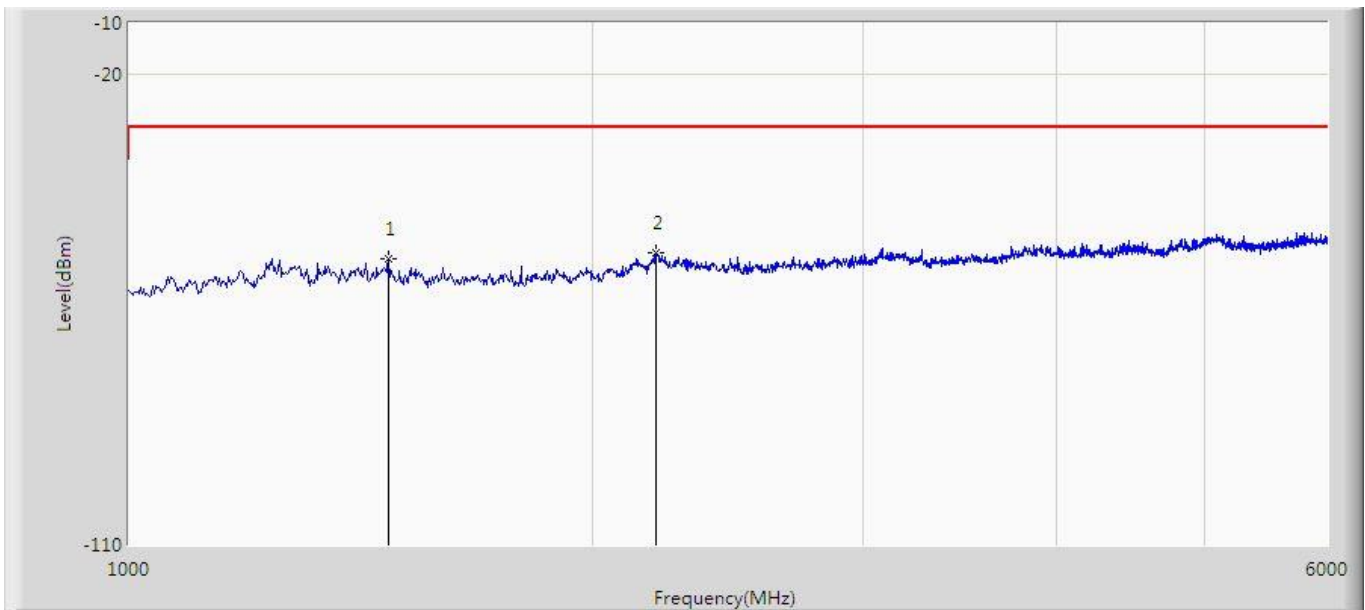


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1327.500        | -55.626             | -60.659             | -25.626     | -30.000     | 5.033       | PK   |
| 2  | X    | *    | 2987.500        | -52.673             | -60.016             | -22.673     | -30.000     | 7.343       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 22:21 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 10mW |                          |

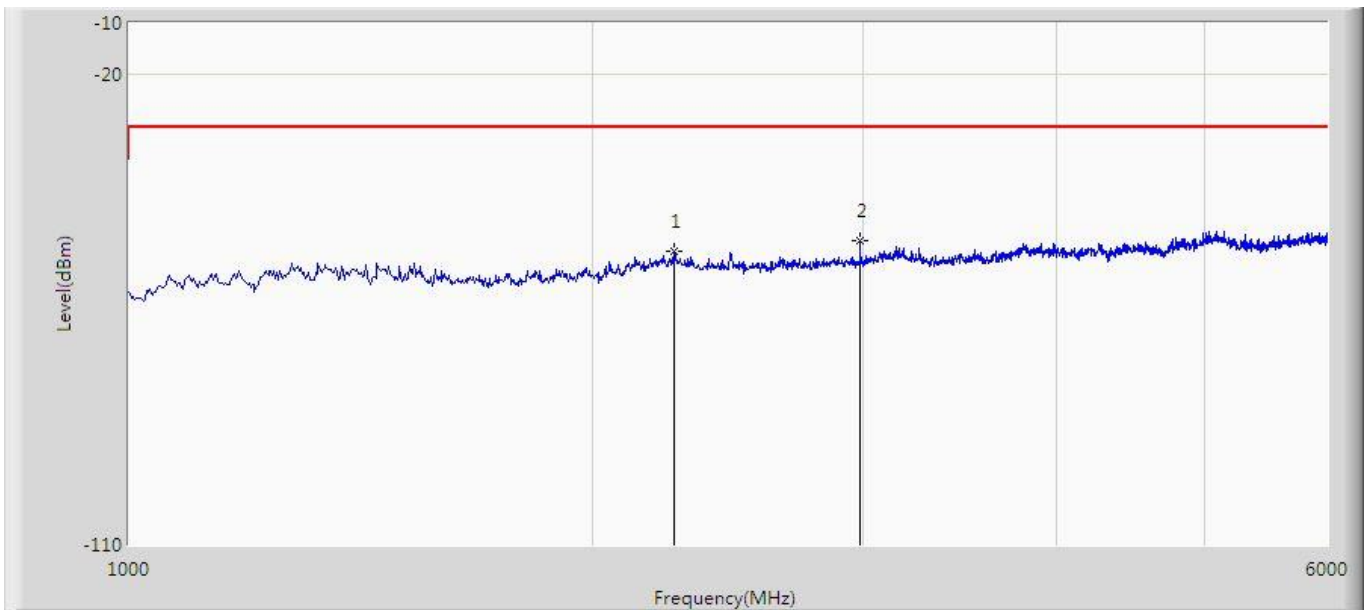


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1475.000        | -55.202             | -59.892             | -25.202     | -30.000     | 4.690       | PK   |
| 2  | X    | *    | 2200.000        | -54.050             | -61.670             | -24.050     | -30.000     | 7.620       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:22 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 10mW |                          |

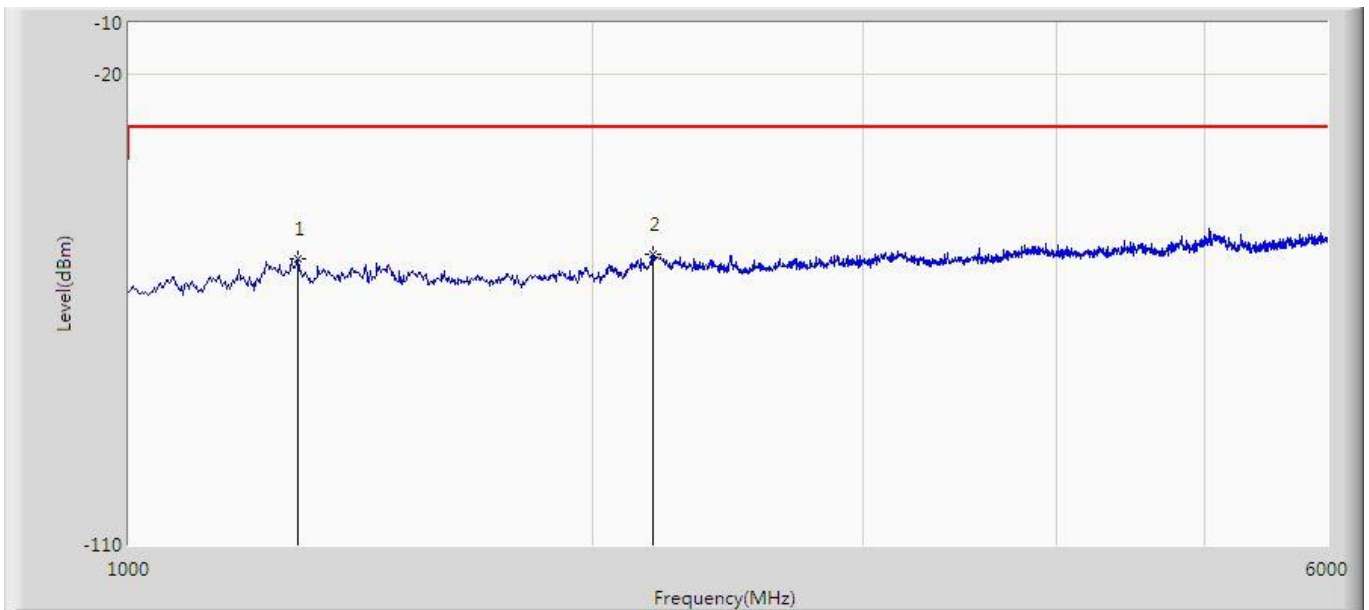


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 2260.000        | -53.801             | -60.035             | -23.801     | -30.000     | 6.234       | PK   |
| 2  | X    | *    | 2985.000        | -51.668             | -59.010             | -21.668     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:23 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 10mW |                          |

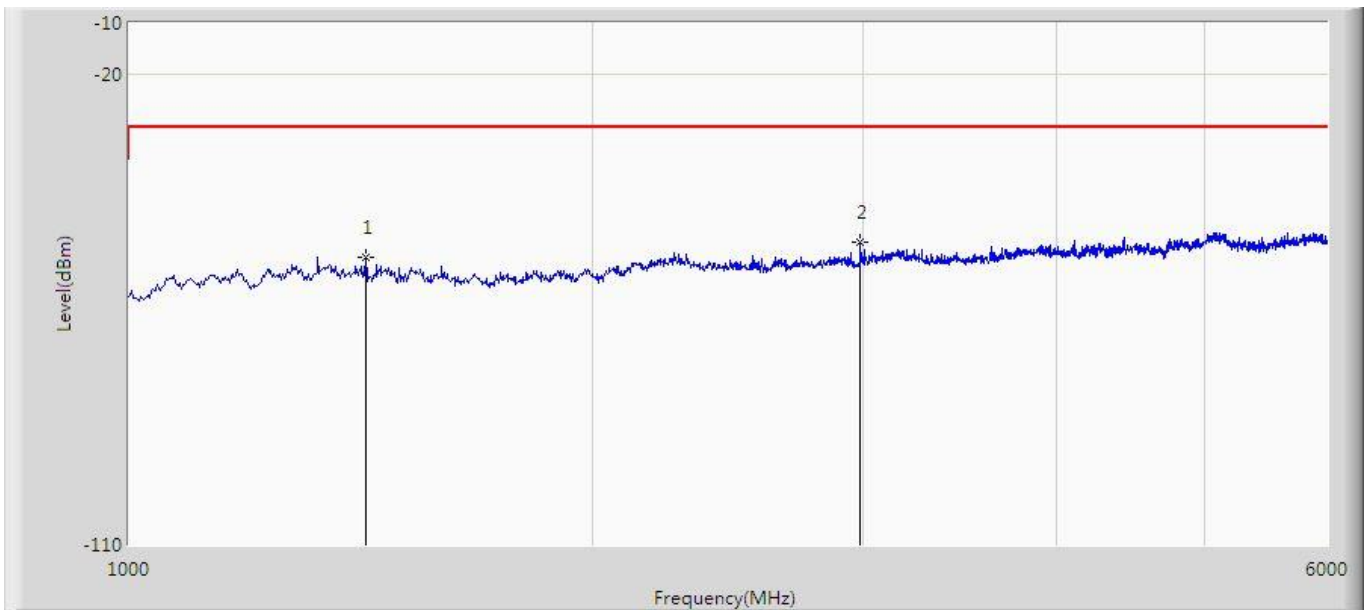


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1287.500        | -55.113             | -59.623             | -25.113     | -30.000     | 4.510       | PK   |
| 2  | X    | *    | 2192.500        | -54.321             | -61.958             | -24.321     | -30.000     | 7.637       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:24 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 50mW |                          |

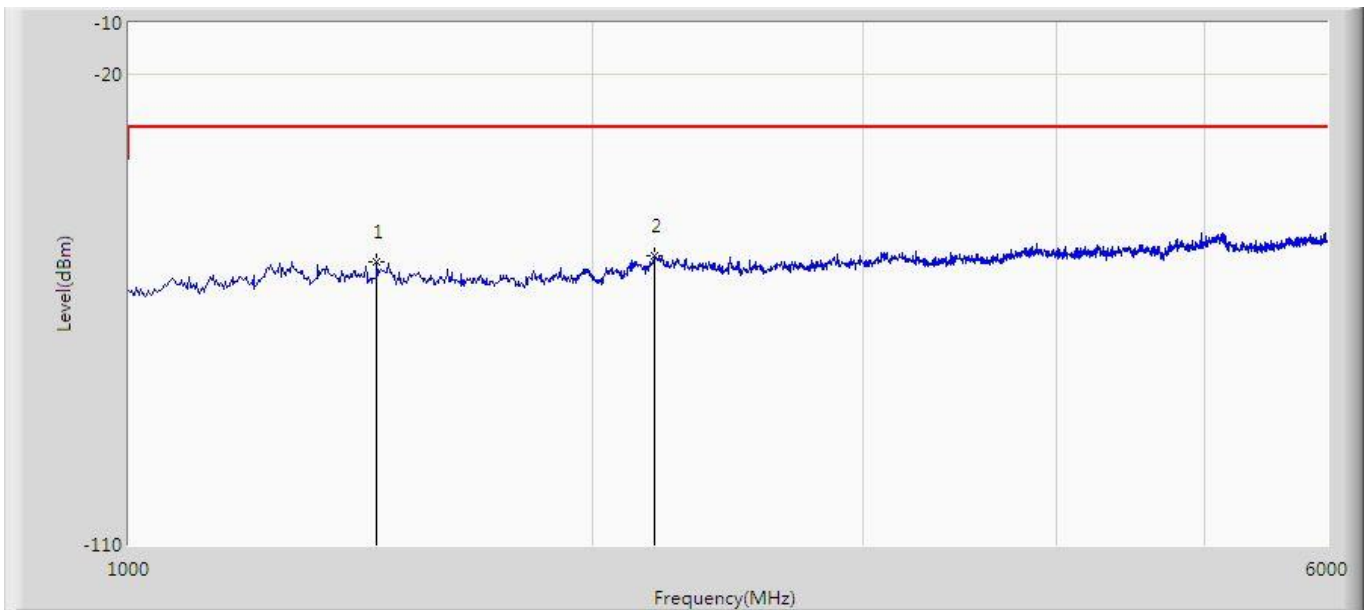


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1425.000        | -54.863             | -59.038             | -24.863     | -30.000     | 4.175       | PK   |
| 2  | X    | *    | 2987.500        | -52.166             | -59.509             | -22.166     | -30.000     | 7.343       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:26 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 510.125MHz 50mW |                          |

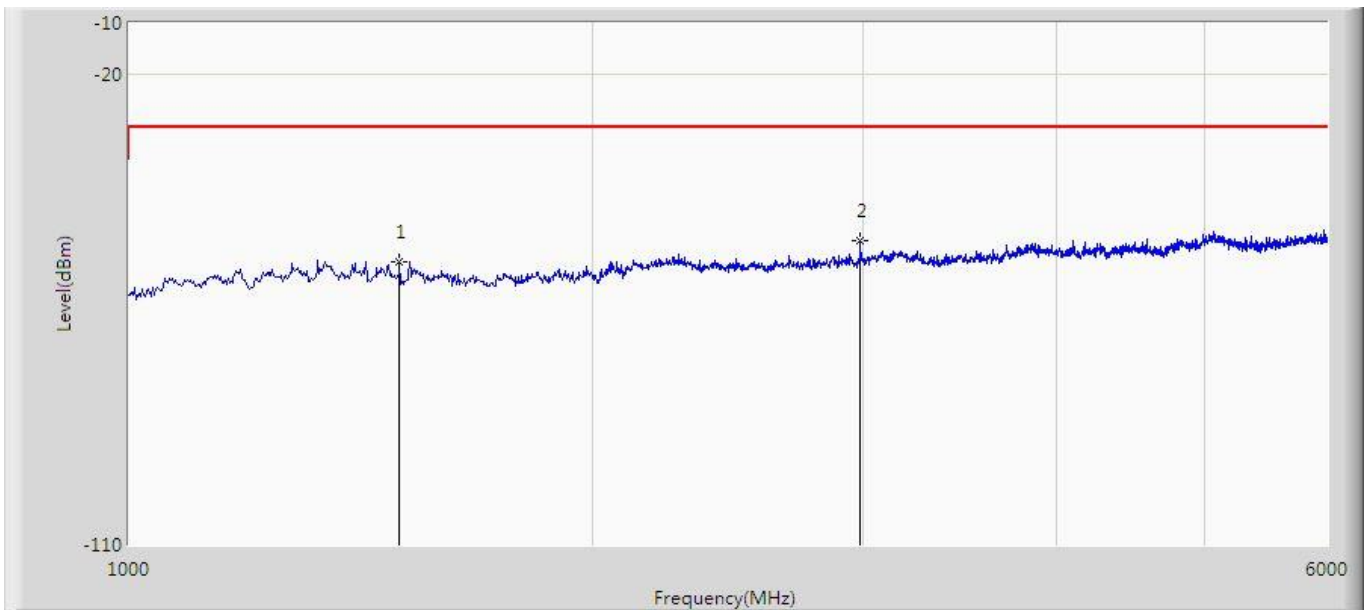


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1450.000        | -55.777             | -61.326             | -25.777     | -30.000     | 5.549       | PK   |
| 2  | X    | *    | 2195.000        | -54.522             | -62.153             | -24.522     | -30.000     | 7.631       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 22:29 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Horizontal     |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 50mW |                          |

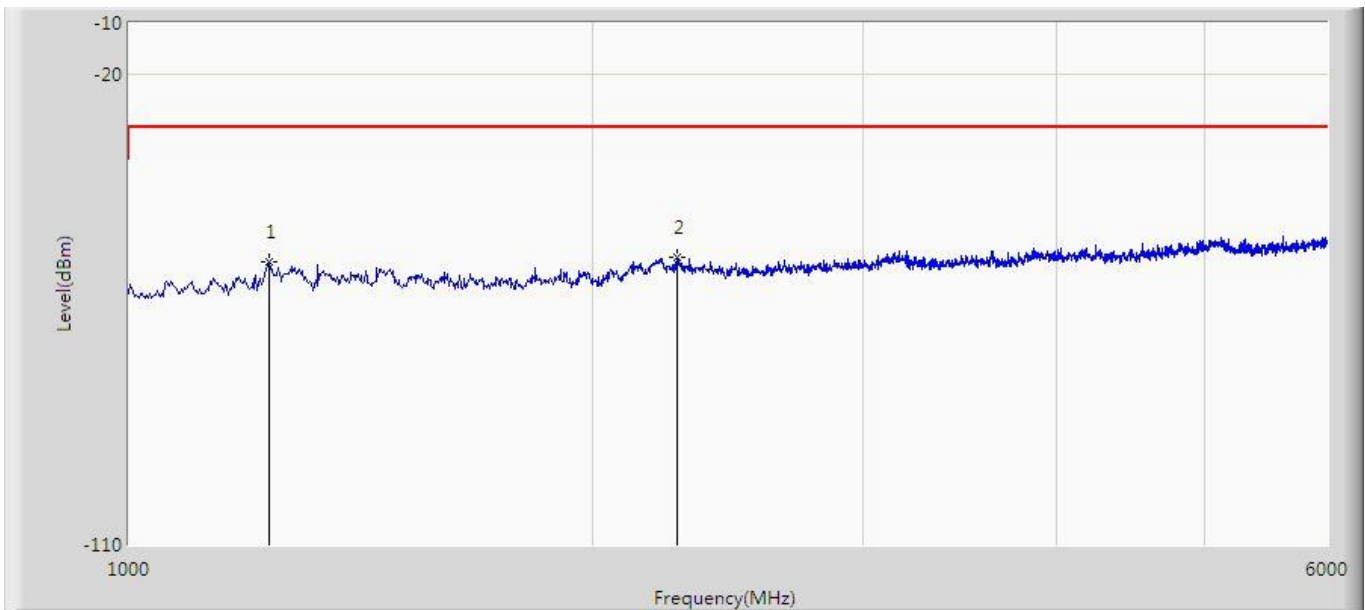


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1500.000        | -55.715             | -59.279             | -25.715     | -30.000     | 3.564       | PK   |
| 2  | X    | *    | 2985.000        | -51.798             | -59.140             | -21.798     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC1                                           | Time: 2019/11/15 - 22:29 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)          | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                         | Polarity: Vertical       |
| EUT: Wireless Transmitter                           | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 520MHz 50mW |                          |

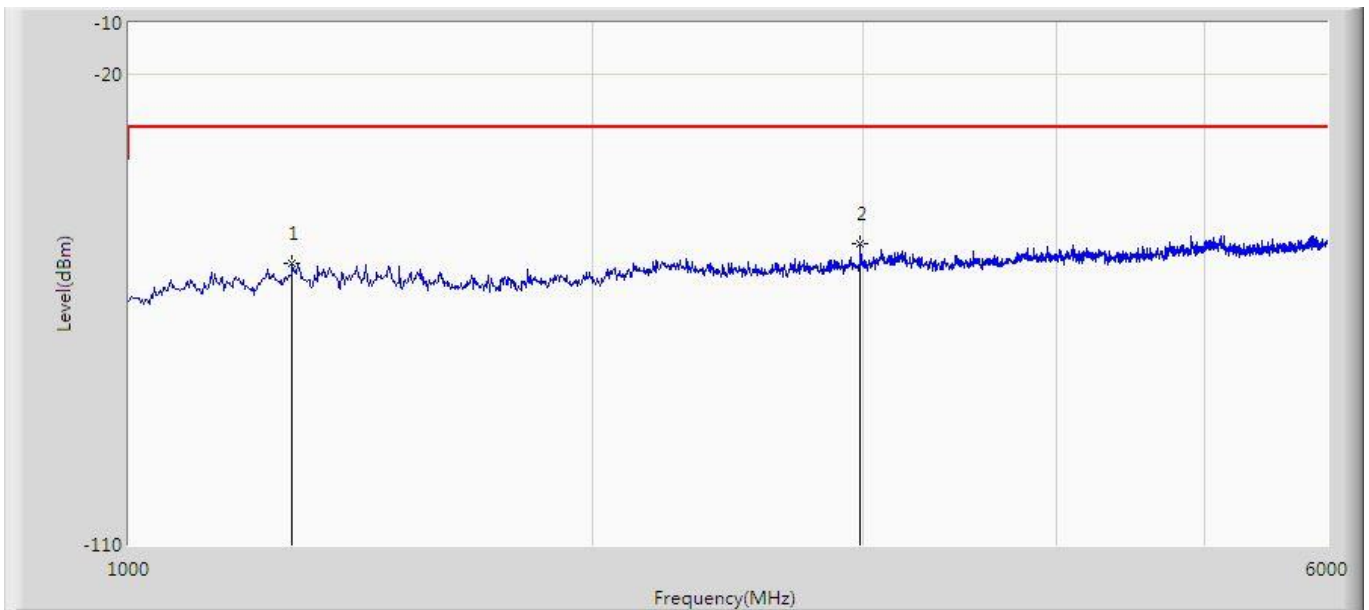


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1235.000        | -55.824             | -58.033             | -25.824     | -30.000     | 2.209       | PK   |
| 2  | X    | *    | 2270.000        | -54.844             | -62.892             | -24.844     | -30.000     | 8.048       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:31 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 50mW |                          |

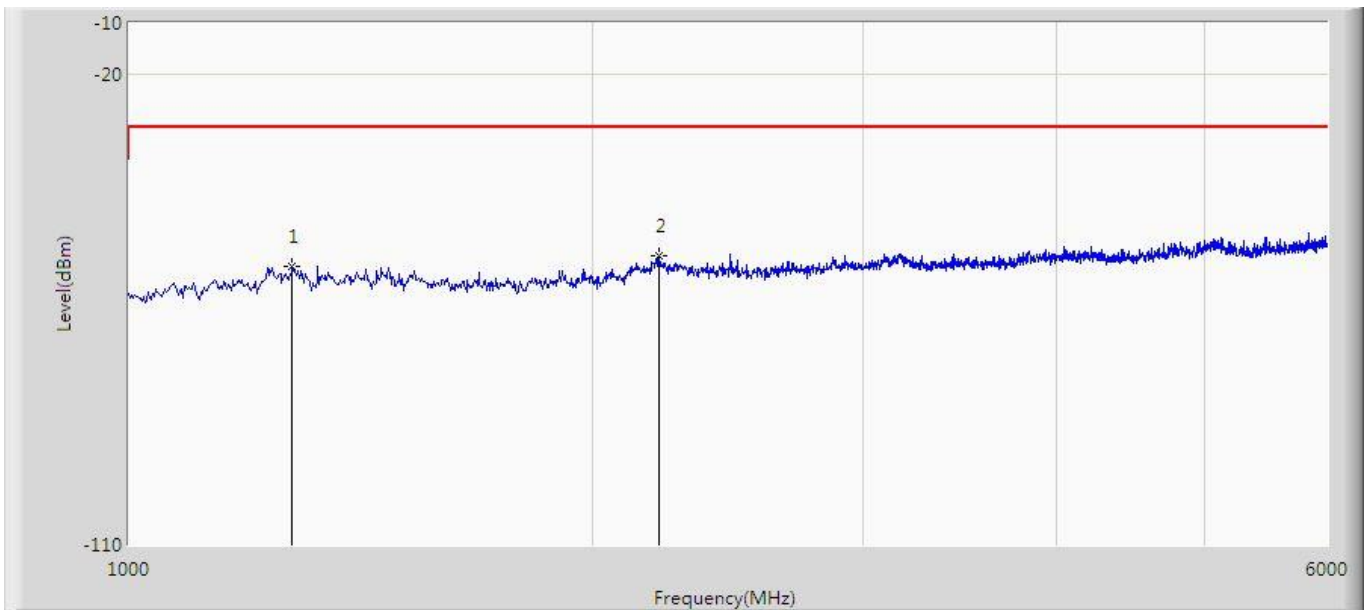


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1277.500        | -55.960             | -59.696             | -25.960     | -30.000     | 3.736       | PK   |
| 2  | X    | *    | 2985.000        | -52.278             | -59.620             | -22.278     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:33 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 2 at channel 529.875MHz 50mW |                          |

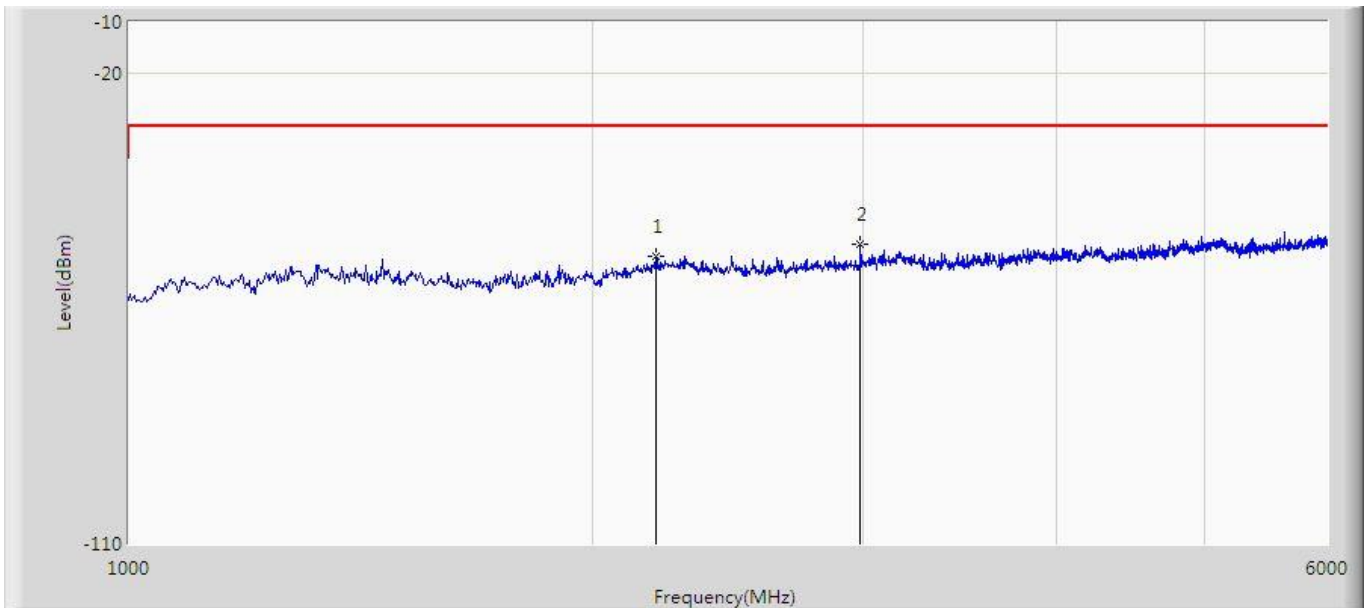


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1277.500        | -56.549             | -60.275             | -26.549     | -30.000     | 3.726       | PK   |
| 2  | X    | *    | 2210.000        | -54.760             | -62.380             | -24.760     | -30.000     | 7.620       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:35 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 10mW |                          |

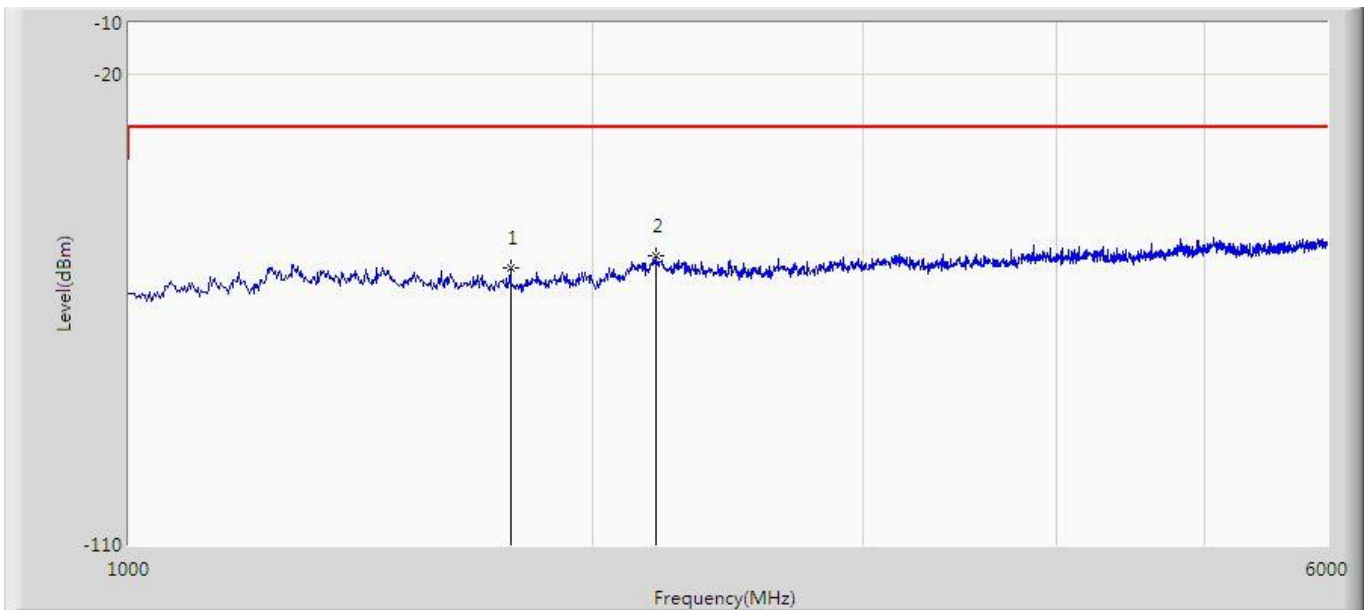


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 2202.500        | -54.822             | -60.959             | -24.822     | -30.000     | 6.137       | PK   |
| 2  | X    | *    | 2987.500        | -52.696             | -60.039             | -22.696     | -30.000     | 7.343       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:37 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 10mW |                          |

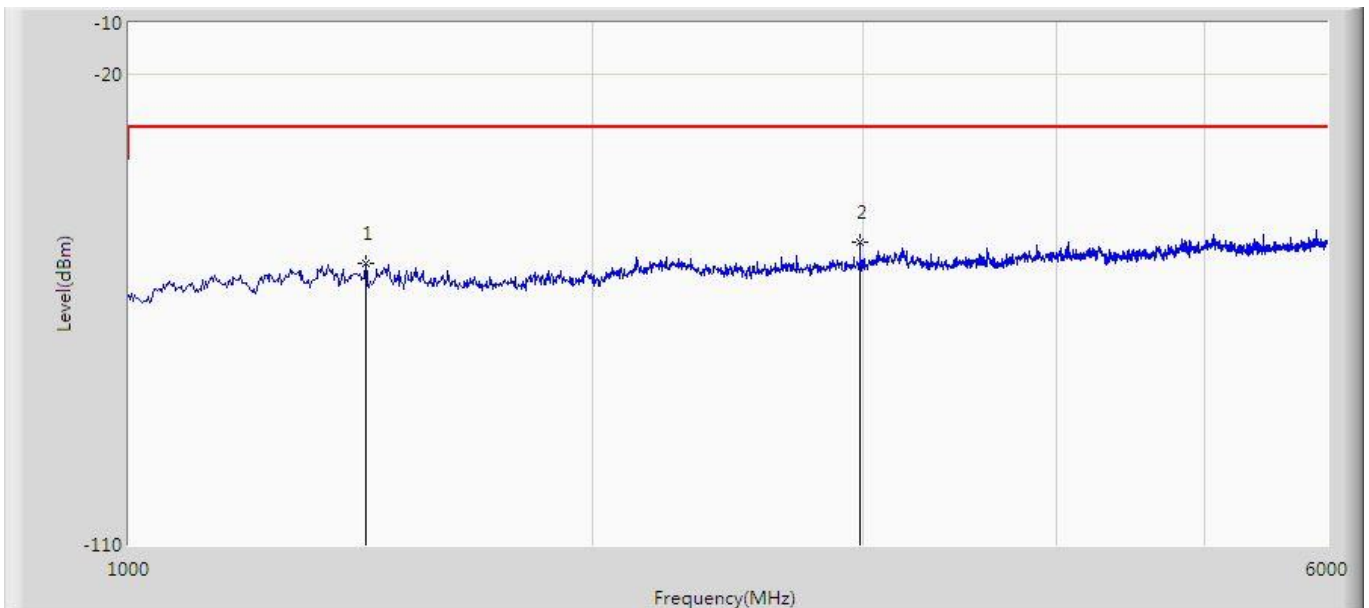


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1770.000        | -56.838             | -61.218             | -26.838     | -30.000     | 4.380       | PK   |
| 2  | X    | *    | 2202.500        | -54.695             | -62.310             | -24.695     | -30.000     | 7.615       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:38 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 10mW |                          |

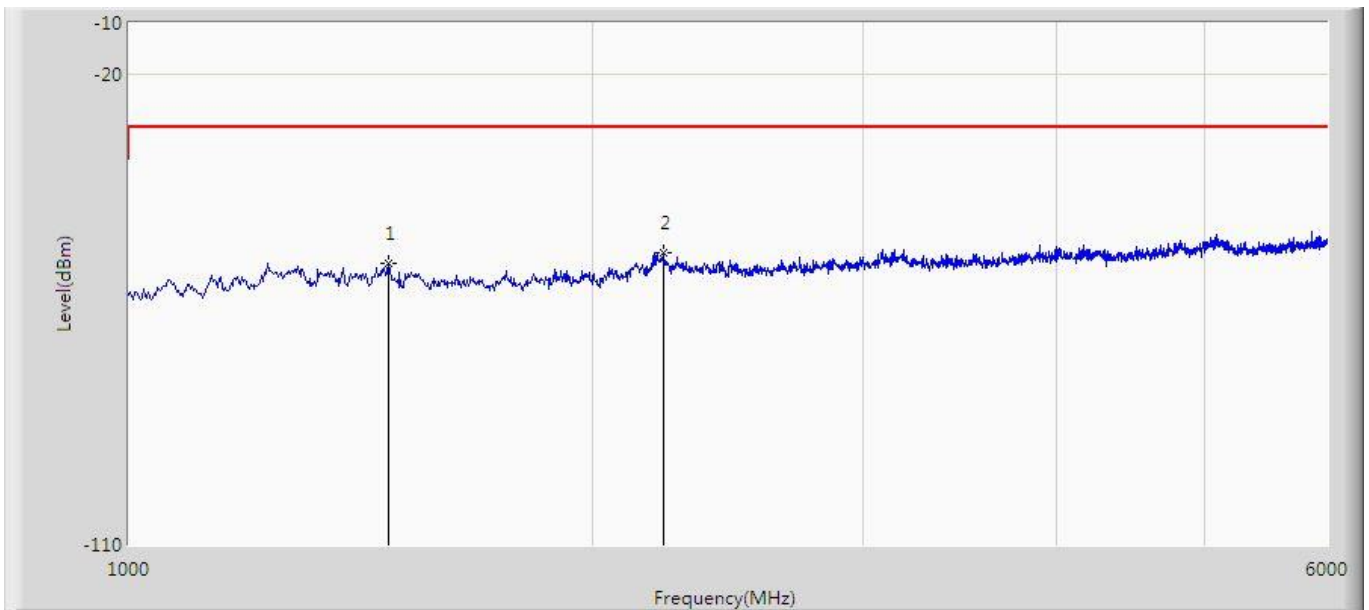


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1425.000        | -55.986             | -60.161             | -25.986     | -30.000     | 4.175       | PK   |
| 2  | X    | *    | 2985.000        | -52.072             | -59.414             | -22.072     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:40 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 10mW |                          |

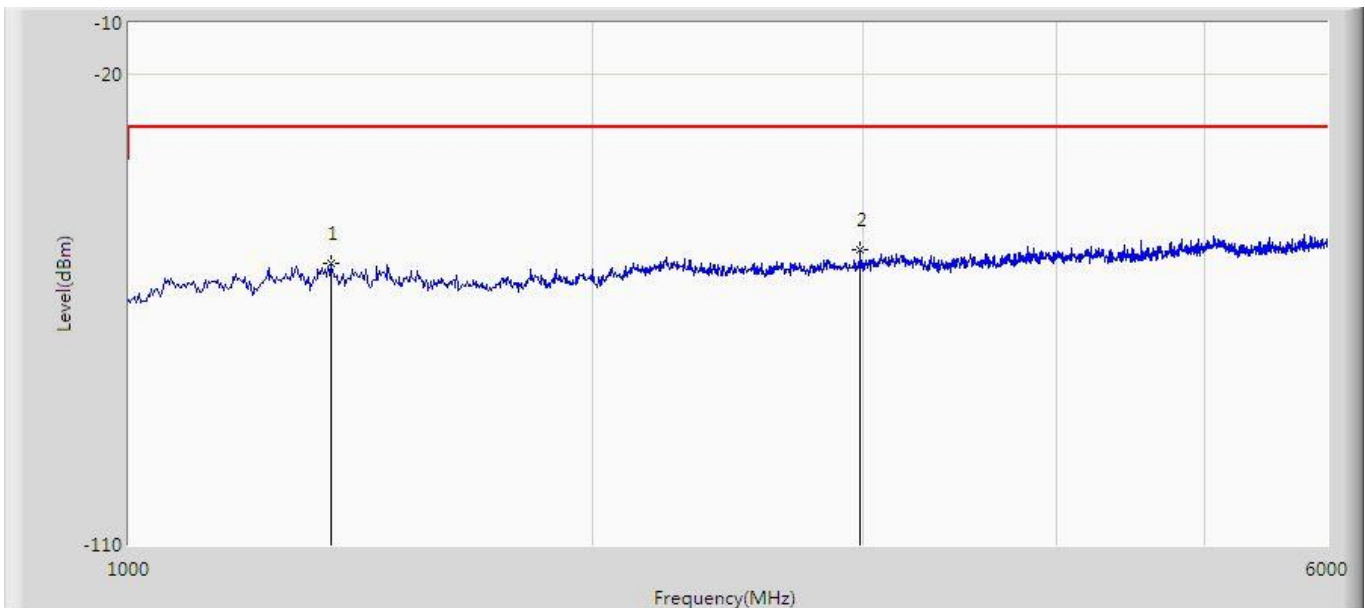


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1475.000        | -56.162             | -60.852             | -26.162     | -30.000     | 4.690       | PK   |
| 2  | X    | *    | 2225.000        | -54.039             | -61.734             | -24.039     | -30.000     | 7.695       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:41 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 10mW |                          |

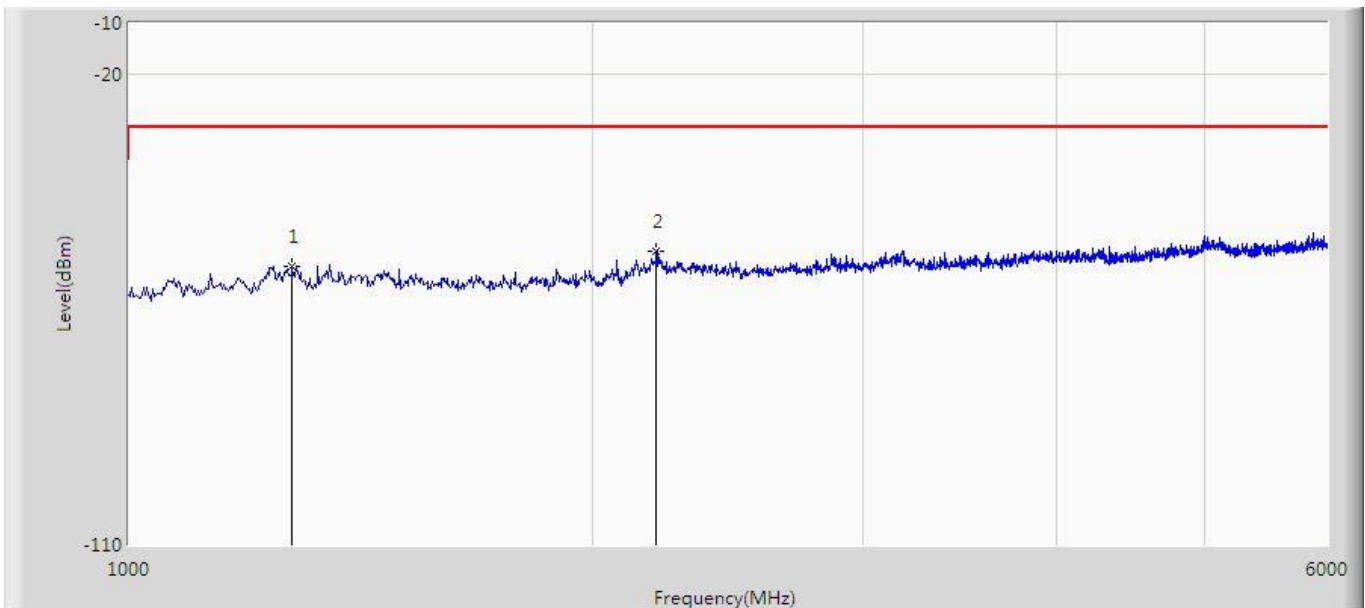


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1352.500        | -56.167             | -60.667             | -26.167     | -30.000     | 4.500       | PK   |
| 2  | X    | *    | 2987.500        | -53.499             | -60.842             | -23.499     | -30.000     | 7.343       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:43 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 10mW |                          |

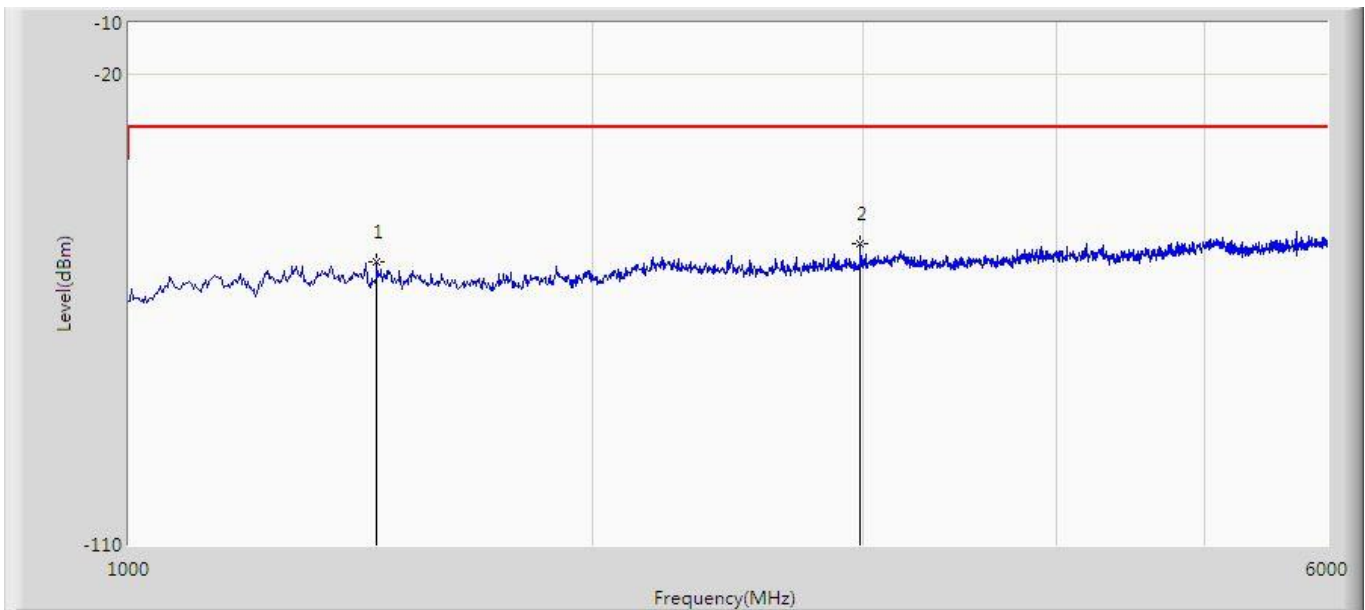


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1277.500        | -56.663             | -60.389             | -26.663     | -30.000     | 3.726       | PK   |
| 2  | X    | *    | 2202.500        | -53.785             | -61.400             | -23.785     | -30.000     | 7.615       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:44 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 50mW |                          |

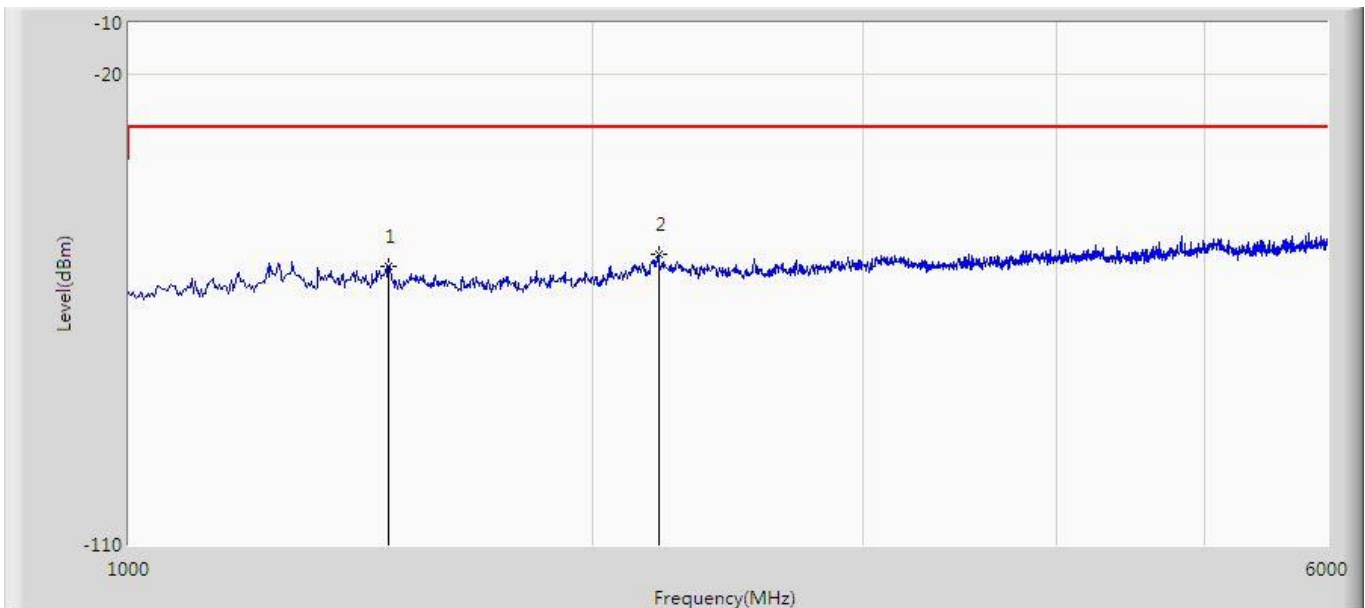


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1450.000        | -55.681             | -60.608             | -25.681     | -30.000     | 4.927       | PK   |
| 2  | X    | *    | 2985.000        | -52.257             | -59.599             | -22.257     | -30.000     | 7.342       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:46 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 510.125MHz 50mW |                          |

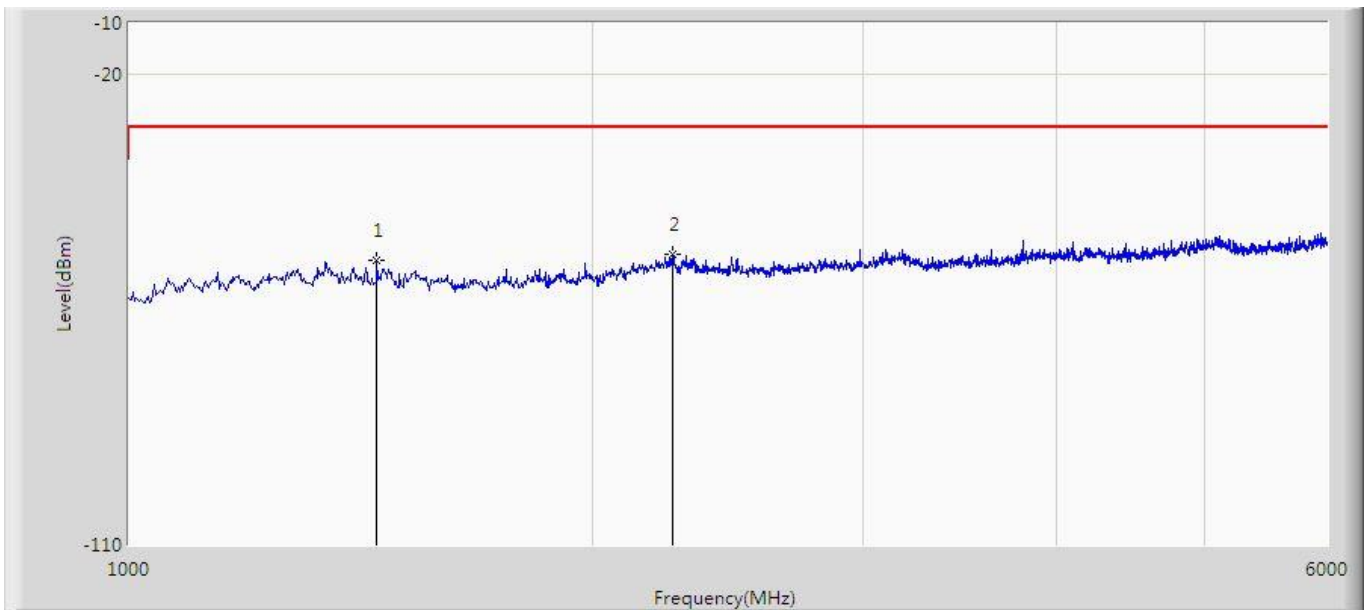


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1475.000        | -56.688             | -61.378             | -26.688     | -30.000     | 4.690       | PK   |
| 2  | X    | *    | 2210.000        | -54.471             | -62.091             | -24.471     | -30.000     | 7.620       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:47 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Horizontal     |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 50mW |                          |

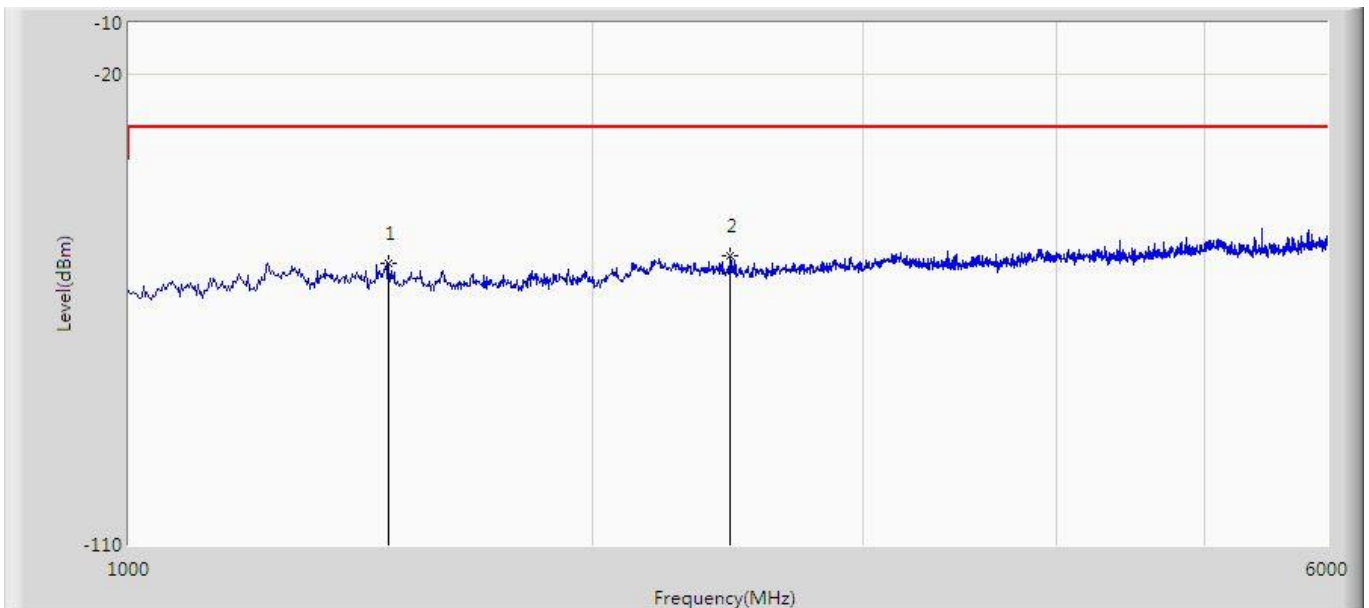


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1450.000        | -55.549             | -60.476             | -25.549     | -30.000     | 4.927       | PK   |
| 2  | X    | *    | 2257.500        | -54.287             | -60.520             | -24.287     | -30.000     | 6.233       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2019/11/15 - 22:49 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)              | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                             | Polarity: Vertical       |
| EUT: Wireless Transmitter                               | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 520MHz 50mW |                          |

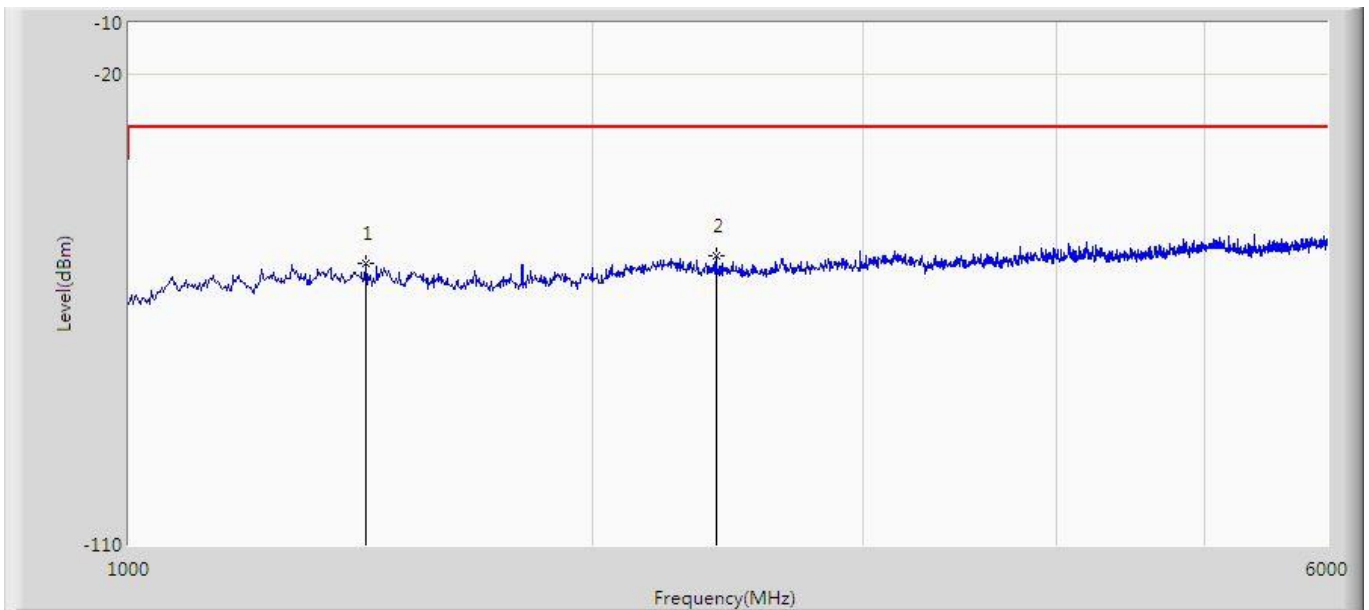


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1475.000        | -55.969             | -60.659             | -25.969     | -30.000     | 4.690       | PK   |
| 2  | X    | *    | 2460.000        | -54.753             | -61.966             | -24.753     | -30.000     | 7.213       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:50 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Horizontal     |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 50mW |                          |

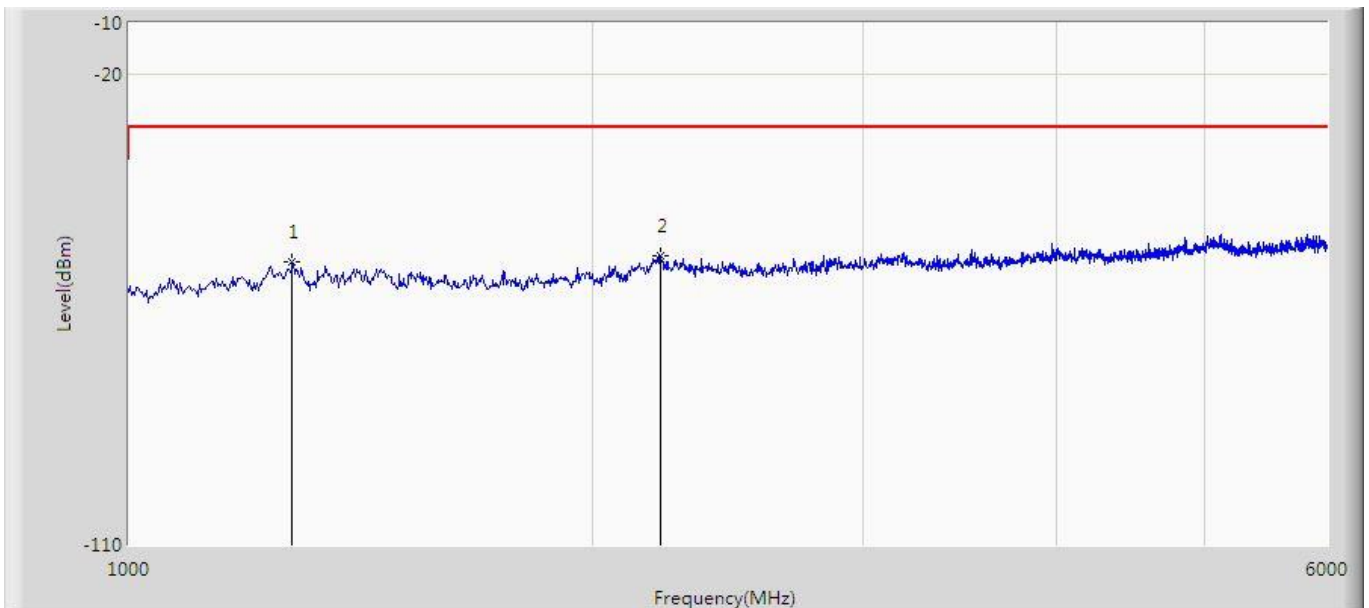


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1425.000        | -55.973             | -60.148             | -25.973     | -30.000     | 4.175       | PK   |
| 2  | X    | *    | 2407.500        | -54.568             | -61.011             | -24.568     | -30.000     | 6.443       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| Site: AC1                                                   | Time: 2019/11/15 - 22:52 |
| Limit: ETSI_EN300422_RSE(3m)_Tx(Operating)                  | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (TX)                                 | Polarity: Vertical       |
| EUT: Wireless Transmitter                                   | Power: AC 110V/60Hz      |
| Test Mode: Transmit by Ant 1 + 2 at channel 529.875MHz 50mW |                          |

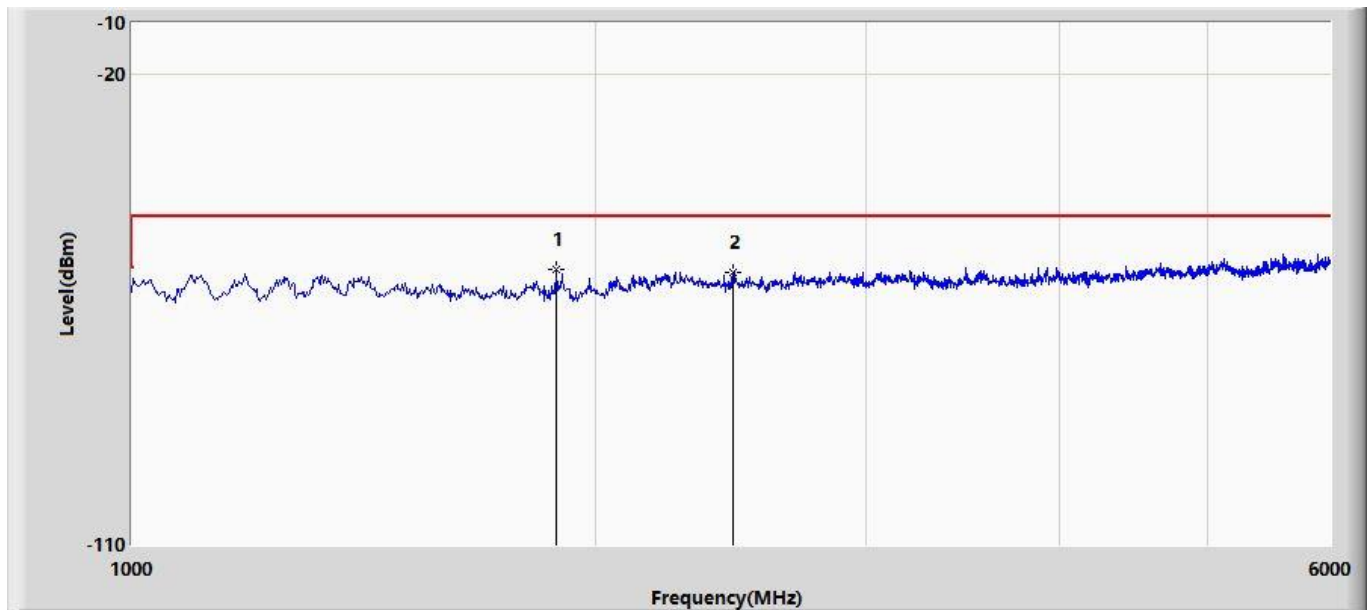


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1277.500        | -55.675             | -59.401             | -25.675     | -30.000     | 3.726       | PK   |
| 2  | X    | *    | 2217.500        | -54.736             | -62.394             | -24.736     | -30.000     | 7.658       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                 |                          |
|---------------------------------|--------------------------|
| Site: AC1                       | Time: 2019/11/15 - 09:47 |
| Limit: ETSI_EN300422_RSE(3m)_Rx | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (RX)     | Polarity: Horizontal     |
| EUT: Wireless Transmitter       | Power: AC 110V/60Hz      |
| Test Mode: Standby Mode         |                          |

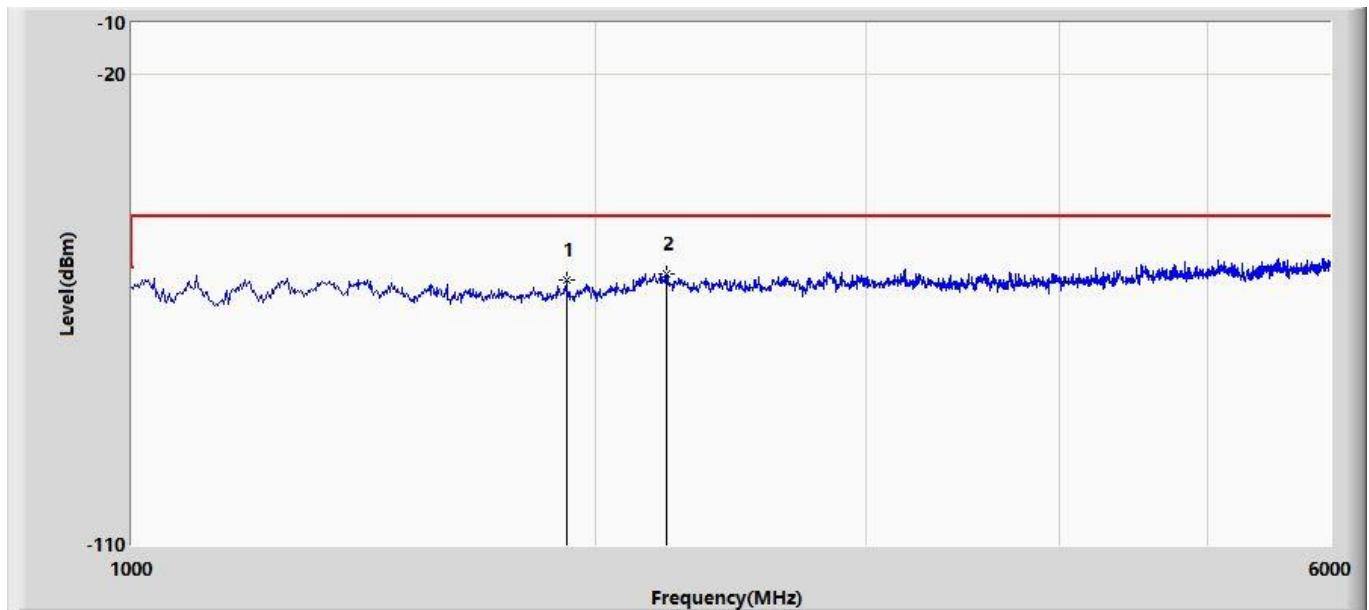


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    | *    | 1887.500        | -57.375             | -63.176             | -10.375     | -47.000     | 5.801       | PK   |
| 2  | X    |      | 2457.500        | -57.891             | -64.695             | -10.891     | -47.000     | 6.804       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|                                 |                          |
|---------------------------------|--------------------------|
| Site: AC1                       | Time: 2019/11/15 - 09:48 |
| Limit: ETSI_EN300422_RSE(3m)_Rx | Engineer: Kevin Ker      |
| Probe: EIRP_1GHz~18GHz (RX)     | Polarity: Vertical       |
| EUT: Wireless Transmitter       | Power: AC 110V/60Hz      |
| Test Mode: Standby Mode         |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBm) | Reading Level (dBm) | Margin (dB) | Limit (dBm) | Factor (dB) | Type |
|----|------|------|-----------------|---------------------|---------------------|-------------|-------------|-------------|------|
| 1  | X    |      | 1915.000        | -59.313             | -64.641             | -12.313     | -47.000     | 5.328       | PK   |
| 2  | X    | *    | 2227.500        | -58.197             | -65.905             | -11.197     | -47.000     | 7.708       | PK   |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

The End