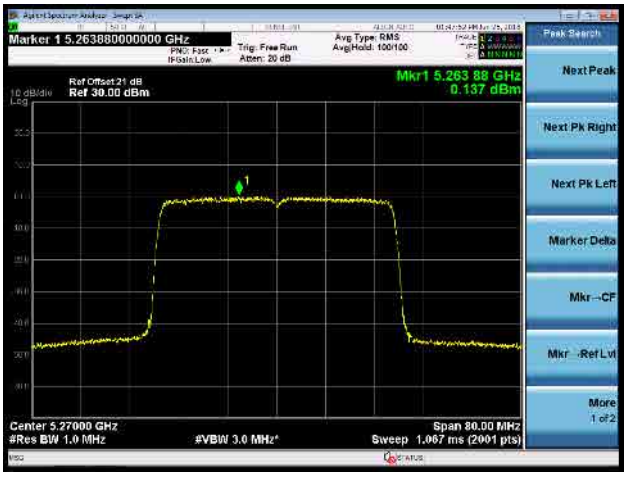
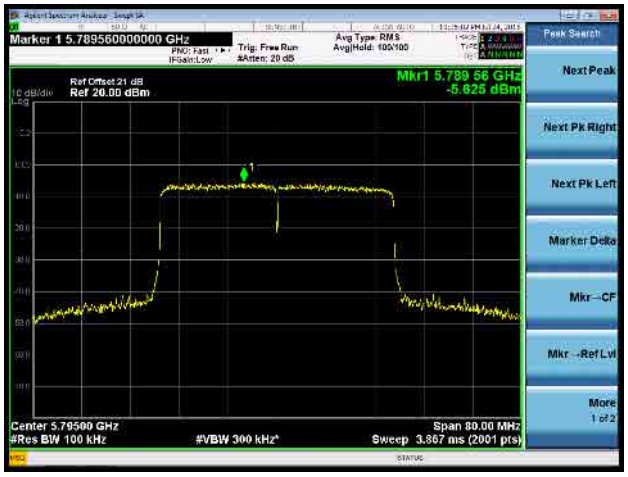
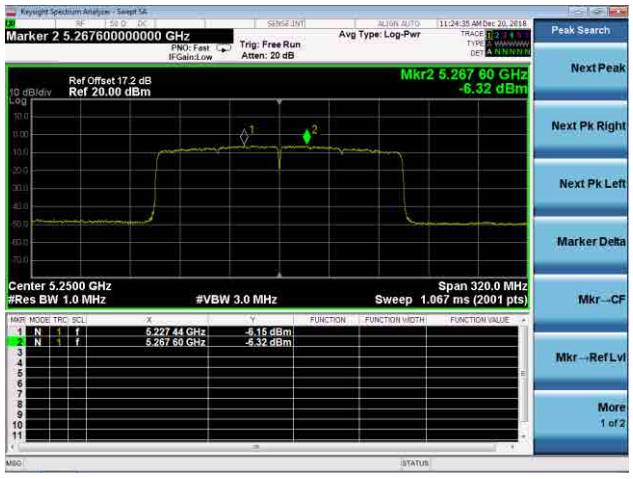
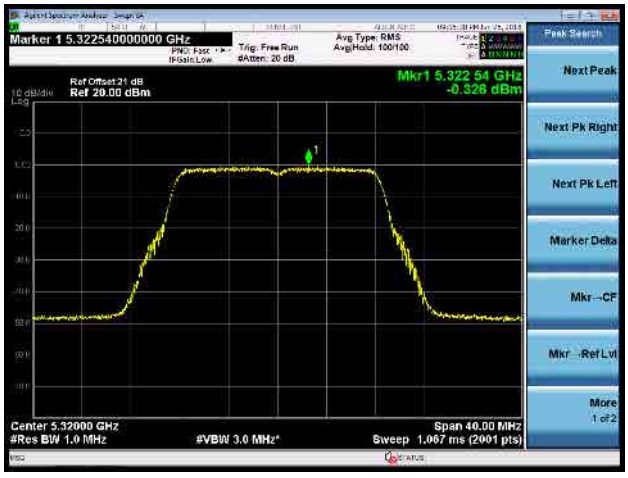
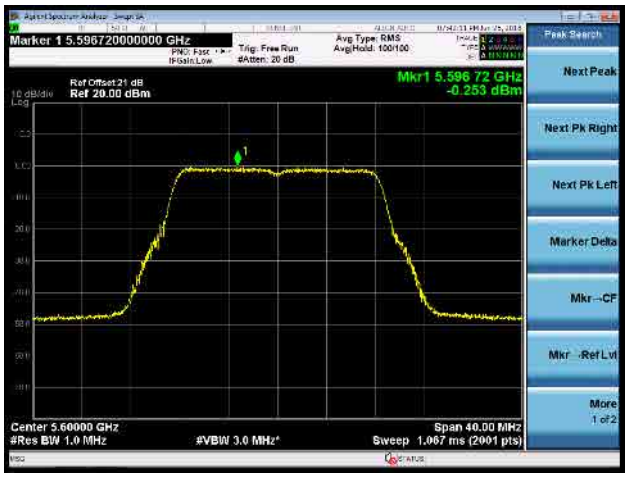
| 802.11ax-HE40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 38 (5190MHz) | Channel 46 (5230MHz) |
|  |  |
| Channel 54 (5270MHz) | Channel 62 (5310MHz) |
|  |  |
| Channel 102 (5510MHz) | Channel 118 (5590MHz) |
|  |  |

| 802.11ax-HE40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 134 (5670MHz) | Channel 142 (5710MHz) |
|  |  |
| Channel 151 (5755MHz) | Channel 159 (5795MHz) |
|  |  |

| 802.11ax-HE80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 42 (5210MHz) | Channel 58 (5290MHz) |
|  |  |
| Channel 106 (5530MHz) | Channel 122 (5610MHz) |
|  |  |
| Channel 138 (5690MHz) | Channel 155 (5775MHz) |
|  |  |

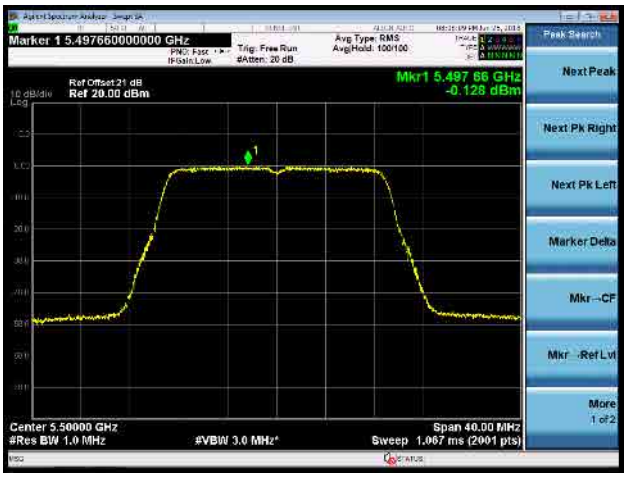
| 802.11ax-HE160 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 50 (5250MHz) | Channel 114 (5570MHz) |
|  |  |

| 802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 36 (5180MHz) | Channel 44 (5220MHz) |
|  |  |
| Channel 48 (5240MHz) | Channel 52 (5260MHz) |
|  |  |
| Channel 60 (5300MHz) | Channel 64 (5320MHz) |
|  |  |

| 802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 100 (5500MHz) | Channel 120 (5600MHz) |
|  |  |
| Channel 140 (5700MHz) | Channel 144 (5720MHz) |
|  |  |
| Channel 149 (5745MHz) | Channel 157 (5785MHz) |
|  |  |

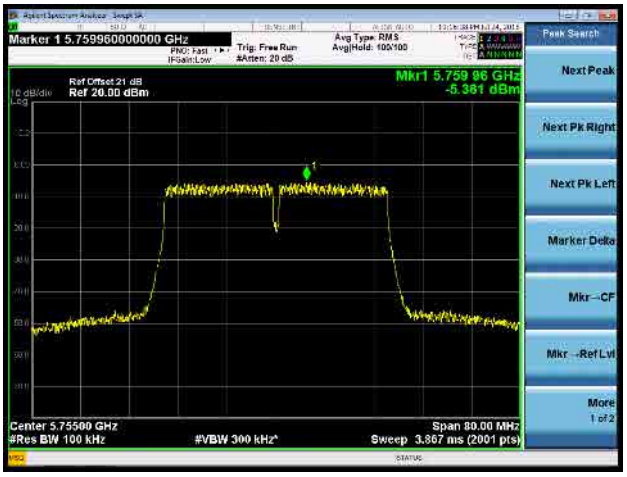
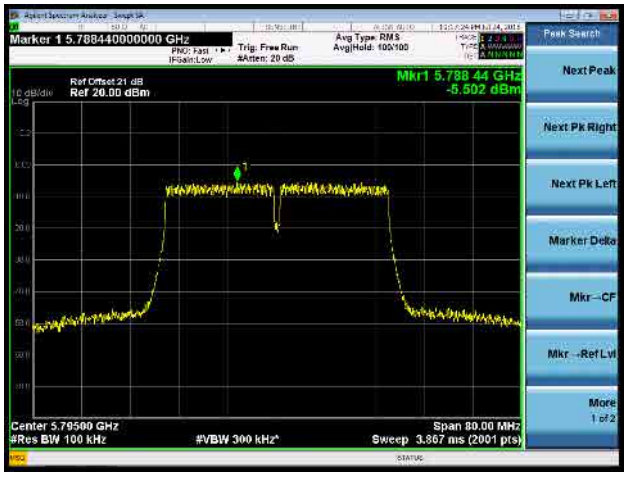
| 802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 165 (5825MHz) | |
|  | |

| 802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 36 (5180MHz) | Channel 44 (5220MHz) |
|  |  |
| Channel 48 (5240MHz) | Channel 52 (5260MHz) |
|  |  |
| Channel 60 (5300MHz) | Channel 64 (5320MHz) |
|  |  |

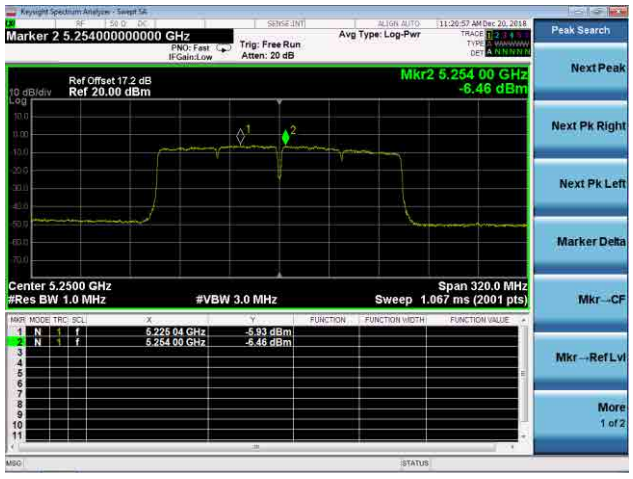
| 802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 100 (5500MHz) | Channel 120 (5600MHz) |
|  |  |
| Channel 140 (5700MHz) | Channel 144 (5720MHz) |
|  |  |
| Channel 149 (5745MHz) | Channel 157 (5785MHz) |
|  |  |

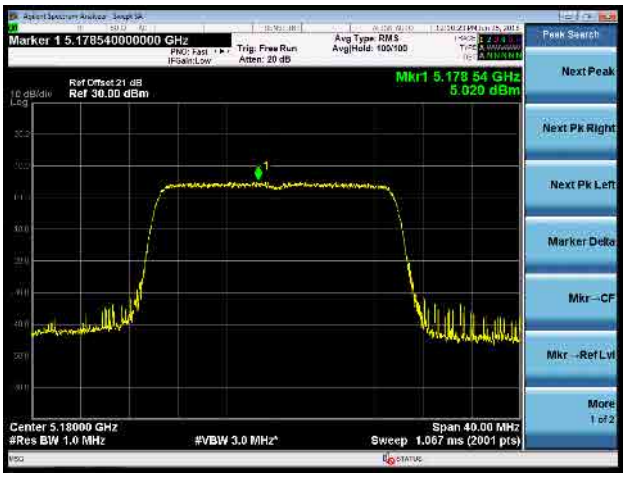
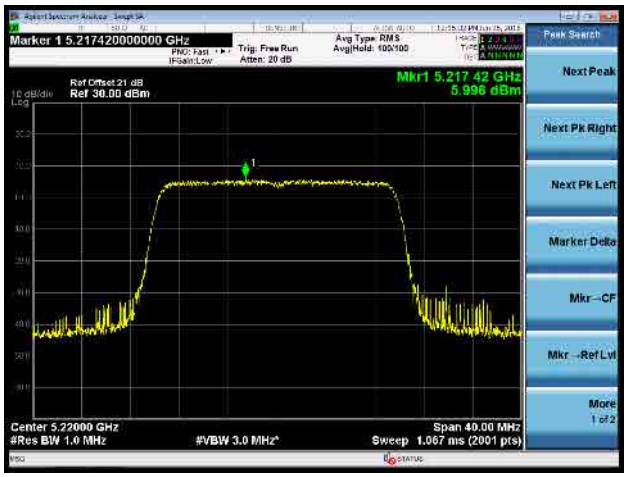
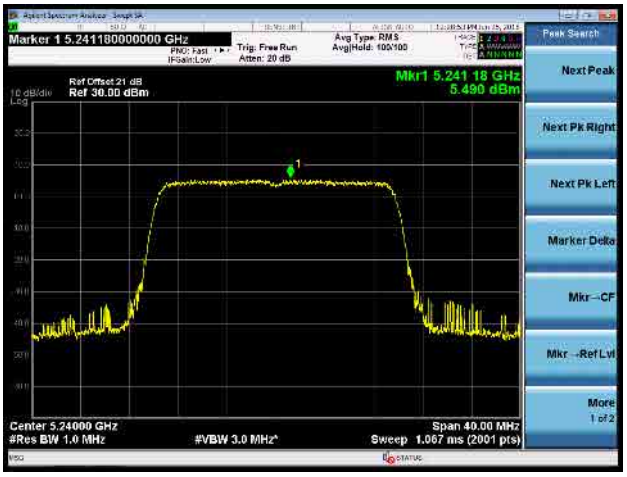
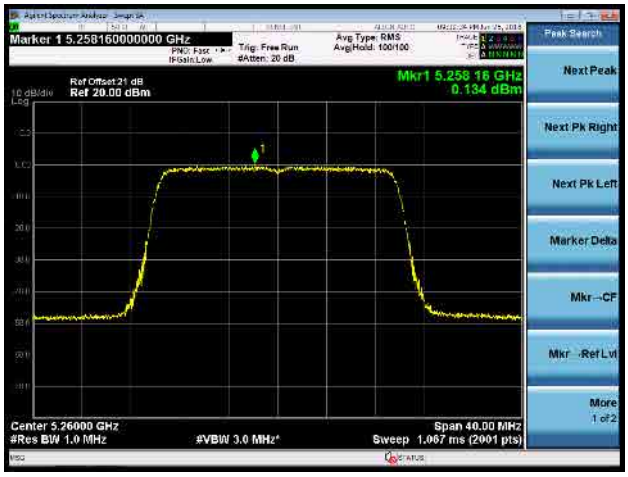
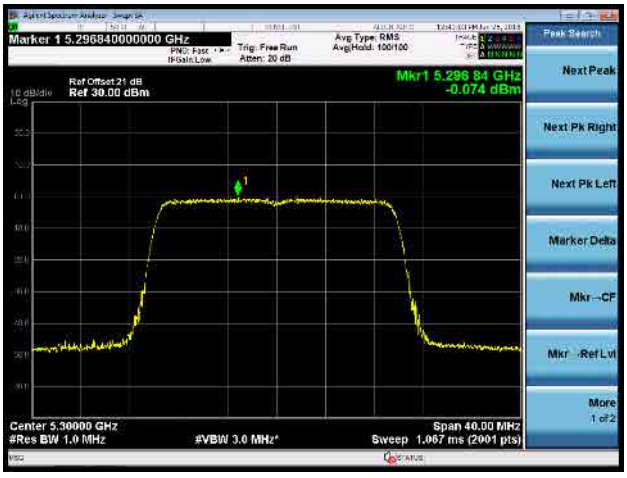
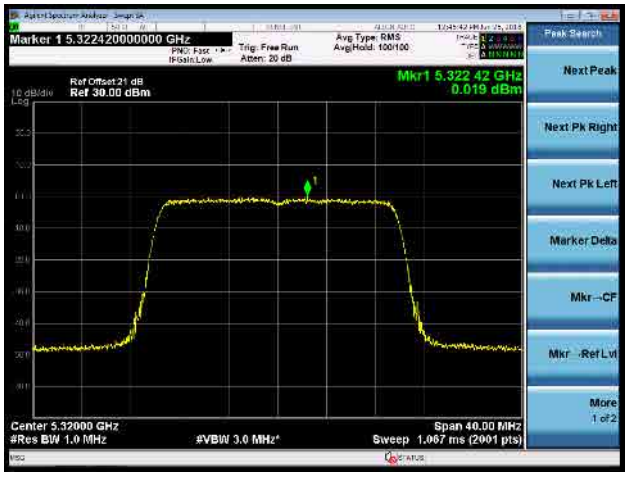
| 802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 165 (5825MHz) | |
|  | |

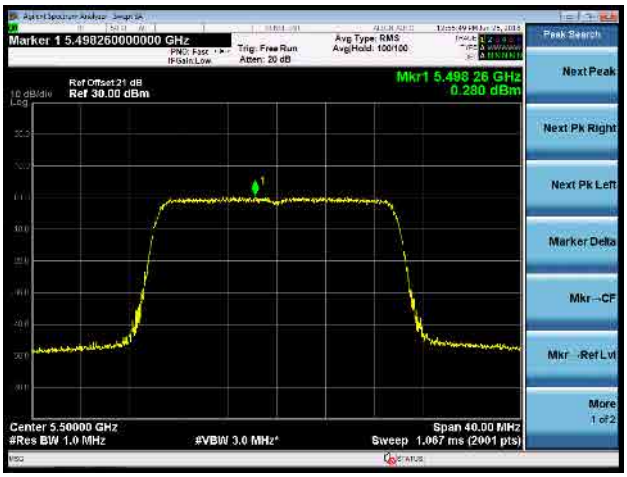
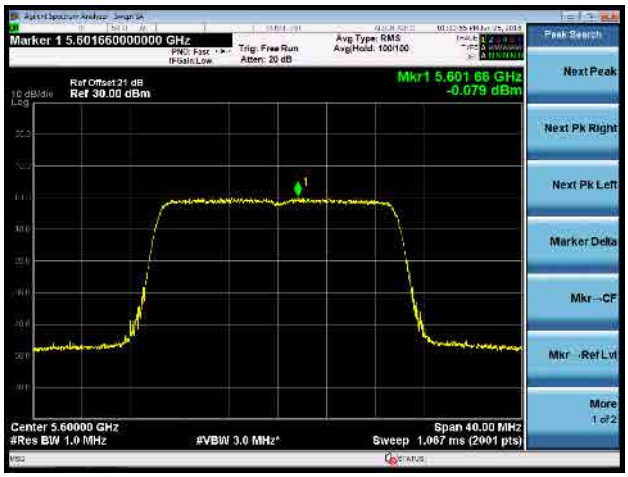
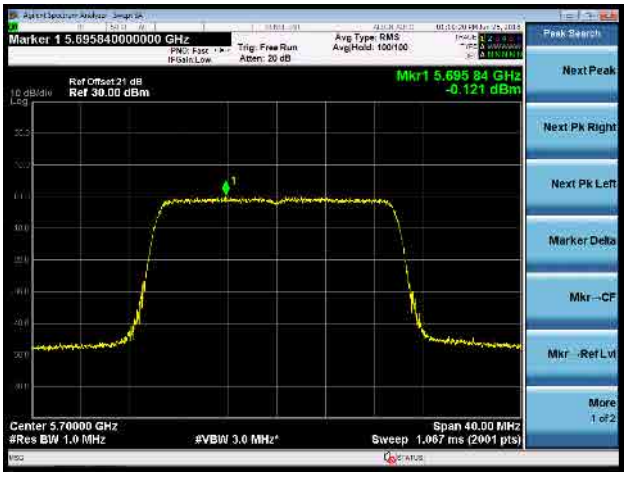
| 802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 38 (5190MHz) | Channel 46 (5230MHz) |
|  |  |
| Channel 54 (5270MHz) | Channel 62 (5310MHz) |
|  |  |
| Channel 102 (5510MHz) | Channel 118 (5590MHz) |
|  |  |

| 802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 134 (5670MHz) | Channel 142 (5710MHz) |
|  |  |
| Channel 151 (5755MHz) | Channel 159 (5795MHz) |
|  |  |

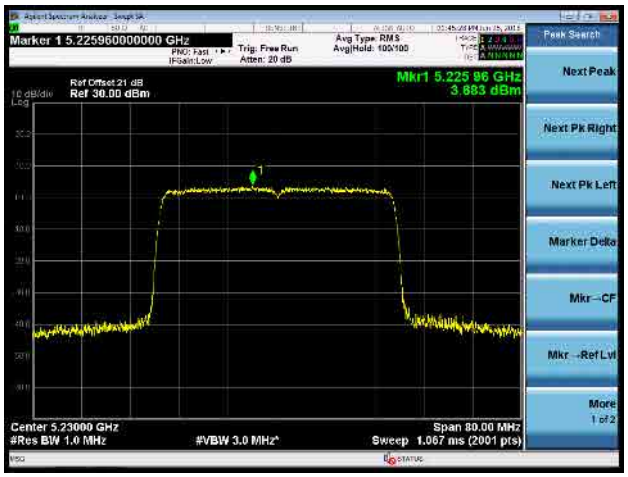
| 802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 42 (5210MHz) | Channel 58 (5290MHz) |
|  |  |
| Channel 106 (5530MHz) | Channel 122 (5610MHz) |
|  |  |
| Channel 138 (5690MHz) | Channel 155 (5775MHz) |
|  |  |

| 802.11ac-VHT160 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 50 (5250MHz) | Channel 114 (5570MHz) |
|  |  |

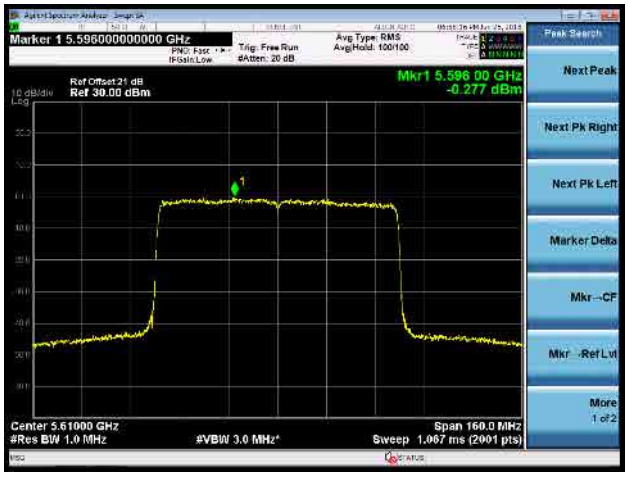
| 802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 36 (5180MHz) | Channel 44 (5220MHz) |
|  |  |
| Channel 48 (5240MHz) | Channel 52 (5260MHz) |
|  |  |
| Channel 60 (5300MHz) | Channel 64 (5320MHz) |
|  |  |

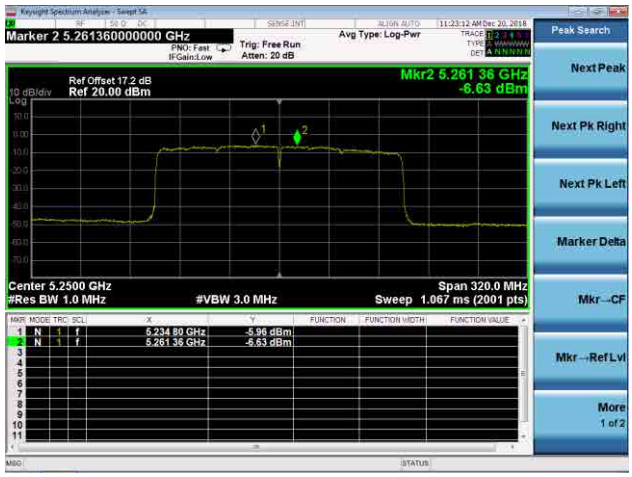
| 802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 100 (5500MHz) | Channel 120 (5600MHz) |
|  |  |
| Channel 140 (5700MHz) | Channel 144 (5720MHz) |
|  |  |
| Channel 149 (5745MHz) | Channel 157 (5785MHz) |
|  |  |

| 802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 165 (5825MHz) | |
|  | |

| 802.11ax-HE40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 38 (5190MHz) | Channel 46 (5230MHz) |
|  |  |
| Channel 54 (5270MHz) | Channel 62 (5310MHz) |
|  |  |
| Channel 102 (5510MHz) | Channel 118 (5590MHz) |
|  |  |

| 802.11ax-HE40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 134 (5670MHz) | Channel 142 (5710MHz) |
|  |  |
| Channel 151 (5755MHz) | Channel 159 (5795MHz) |
|  |  |

| 802.11ax-HE80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 42 (5210MHz) | Channel 58 (5290MHz) |
|  |  |
| Channel 106 (5530MHz) | Channel 122 (5610MHz) |
|  |  |
| Channel 138 (5690MHz) | Channel 155 (5775MHz) |
|  |  |

| 802.11ax-HE160 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 | |
|---|---|
| Channel 50 (5250MHz) | Channel 114 (5570MHz) |
|  |  |

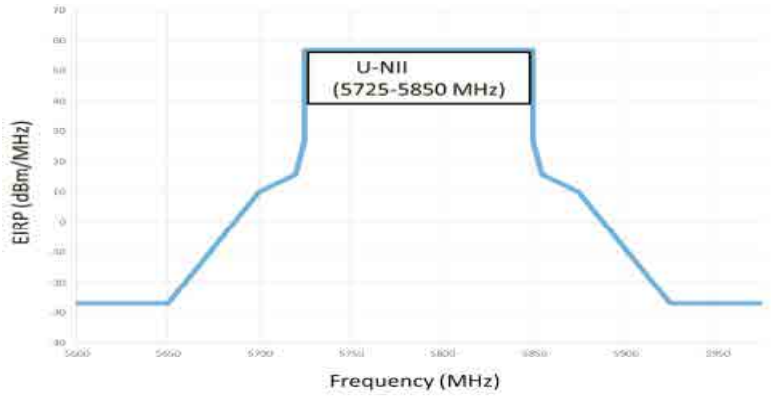
# 5.7. 操作頻帶外的峰值發射

## 5.7.1. 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 4.7.3 節：

(1) 在 5.15 GHz～5.35 GHz 及 5.470 GHz～5.725 GHz 頻段操作的發射器：帶外發射之有效等向輻射功率(EIRP)≦-27 dBm/MHz。

(2) 在 5.725 GHz～5.850 GHz 的頻段操作之發射器：所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP)≦27 dBm/MHz～15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz～25 MHz，有效等向輻射功率(EIRP)≦15.6 dBm/MHz～10 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 25 MHz～75 MHz，有效等向輻射功率(EIRP)≦10 dBm/MHz～-27 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外≧75 MHz 的頻率之發射，有效等向輻射功率(EIRP)≦-27 dBm/MHz；

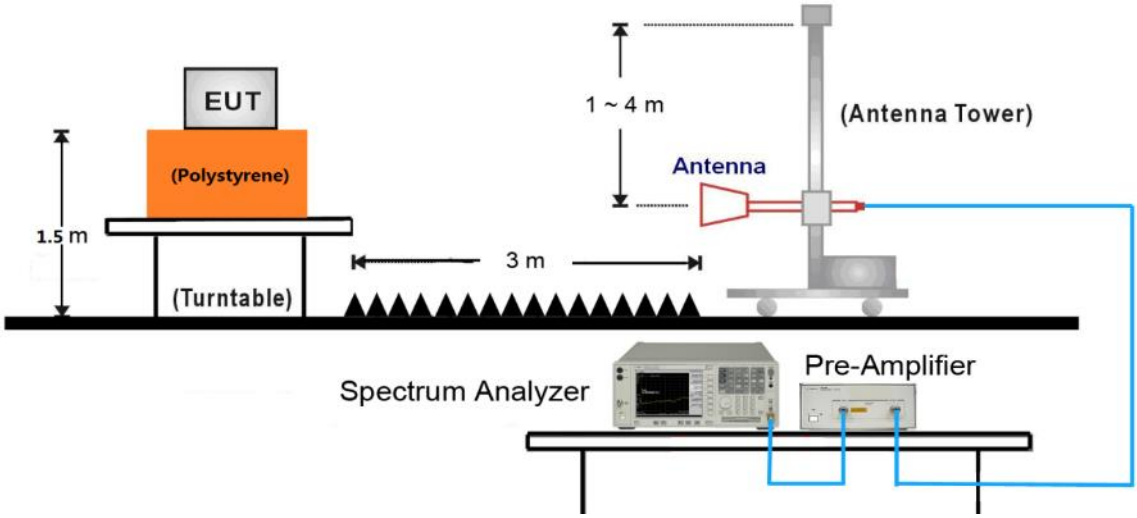


### 5.7.2. 量測方法

高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。

### 5.7.3. 測試架構圖

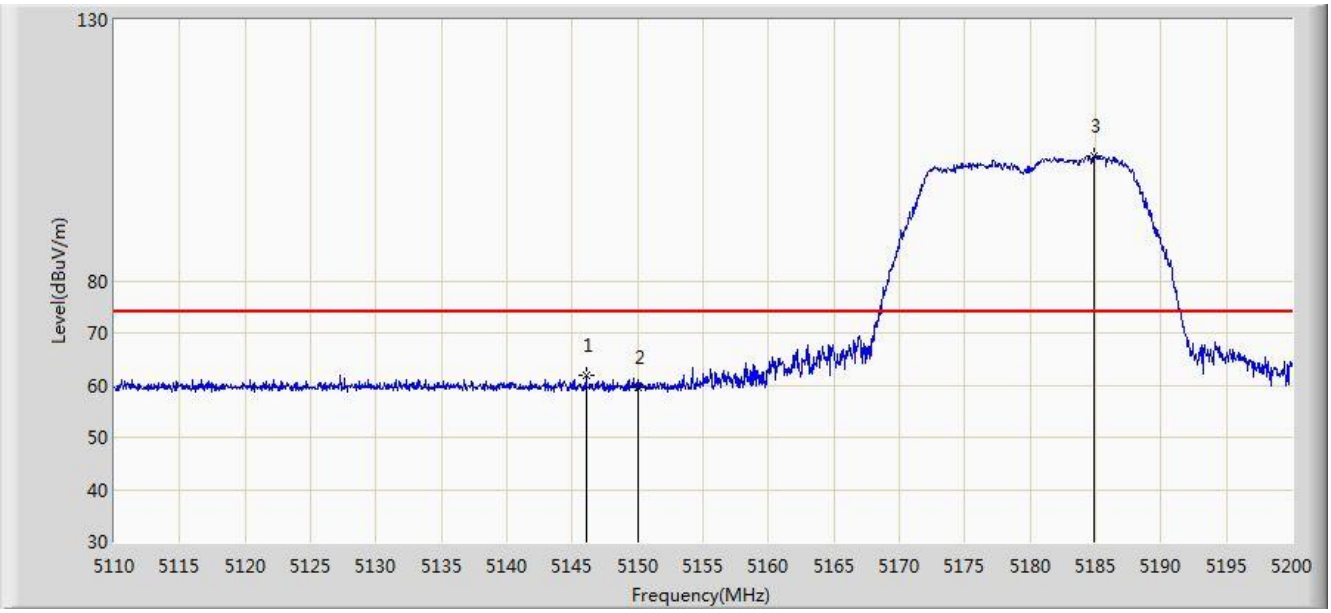
1GHz ~ 18GHz Test Setup



## 5.7.4. 操作頻帶外的峰值發射測試結果

**For APIN0514 - Omni Antenna (AP-ANT-20W):**

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 02:40 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5180MHz | |

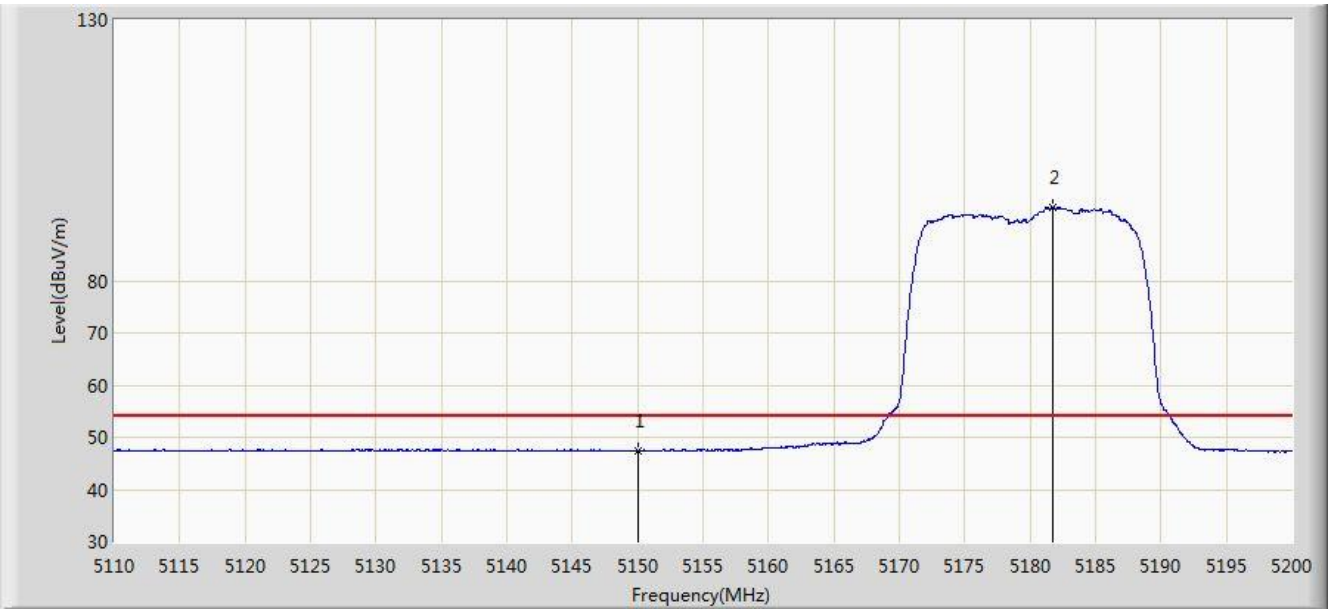



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5146.045 | 61.797 | 57.621 | -12.203 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 59.512 | 55.343 | -14.488 | 74.000 | 4.170 | PK |
| 3 | | * | 5184.835 | 103.862 | 99.810 | N/A | N/A | 4.052 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 02:37 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5180MHz | |

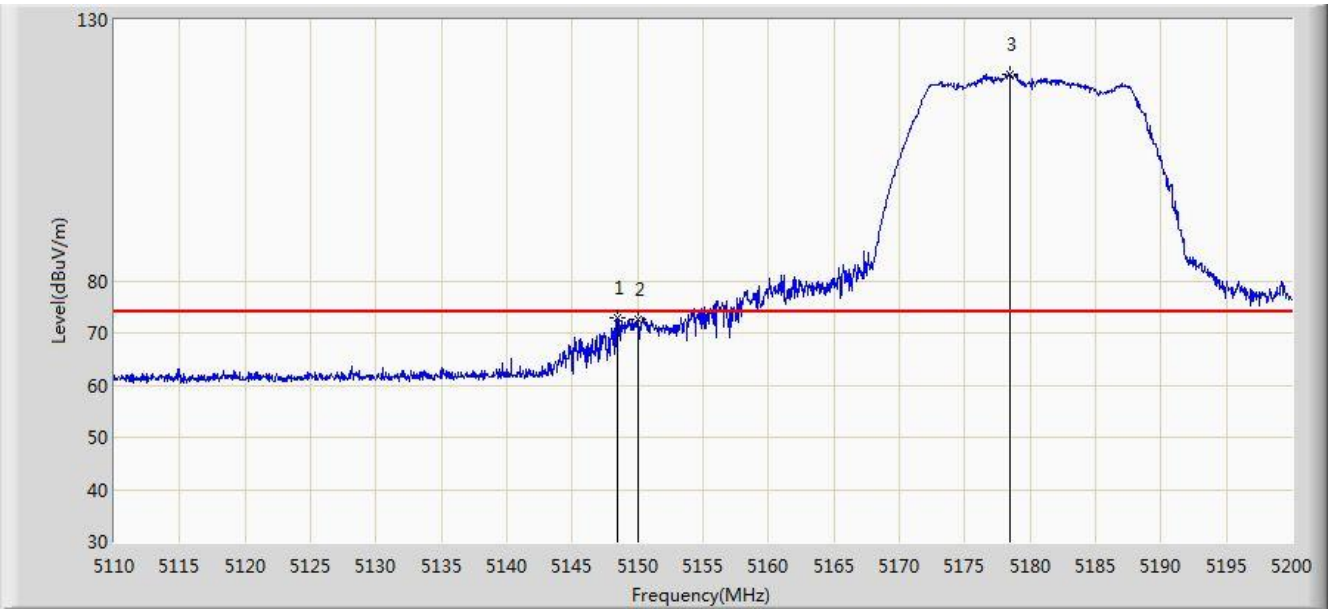



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 47.474 | 43.305 | -6.526 | 54.000 | 4.170 | AV |
| 2 | | * | 5181.775 | 94.011 | 89.948 | N/A | N/A | 4.063 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 02:26 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5180MHz | |

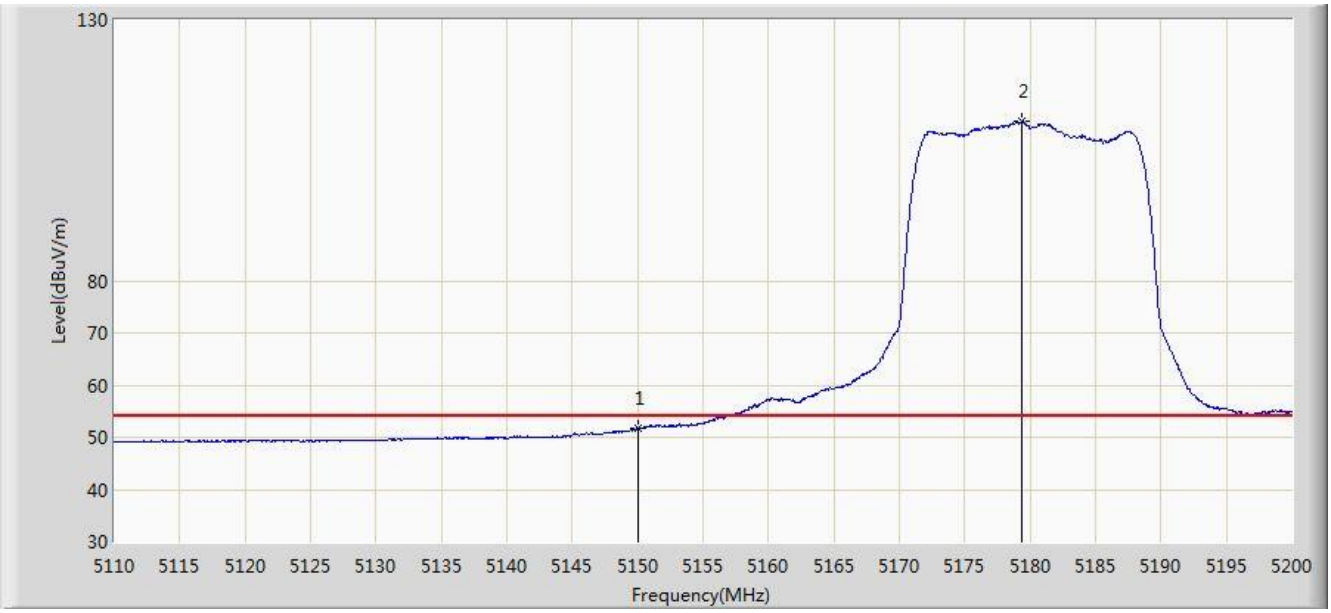



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5148.475 | 72.989 | 68.815 | -1.011 | 74.000 | 4.174 | PK |
| 2 | | | 5150.000 | 72.497 | 68.328 | -1.503 | 74.000 | 4.170 | PK |
| 3 | | * | 5178.445 | 119.617 | 115.543 | N/A | N/A | 4.074 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 02:30 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5180MHz | |

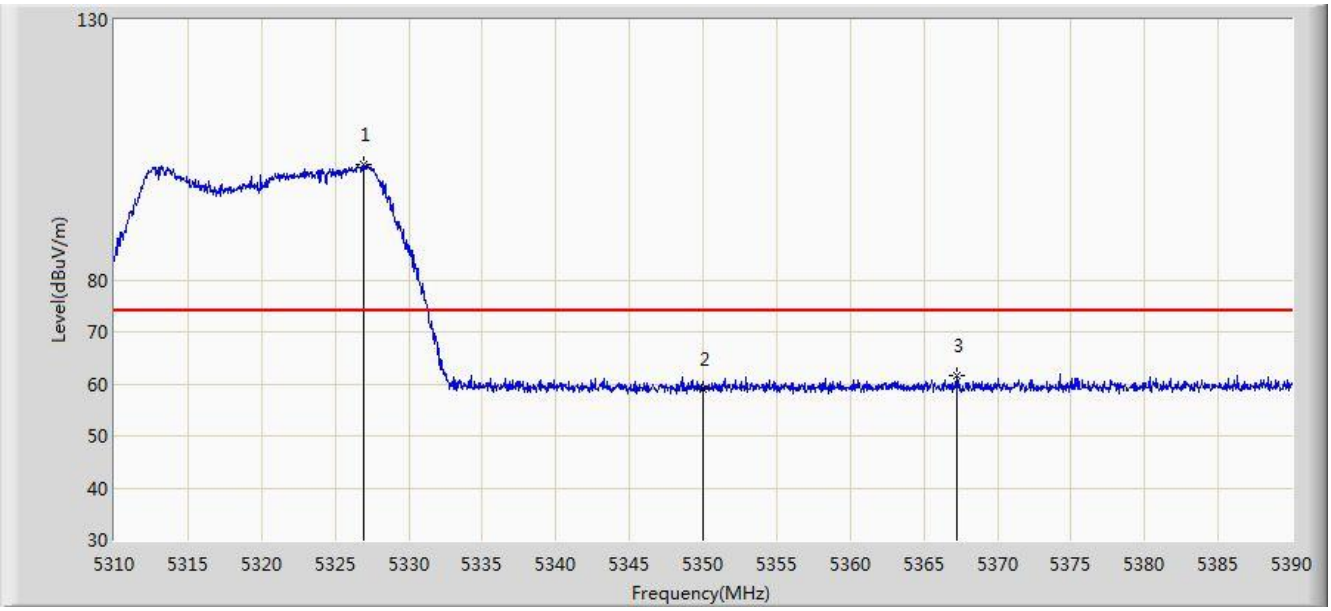



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 51.629 | 47.460 | -2.371 | 54.000 | 4.170 | AV |
| 2 | | * | 5179.390 | 110.475 | 106.404 | N/A | N/A | 4.071 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:00 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5320MHz | |

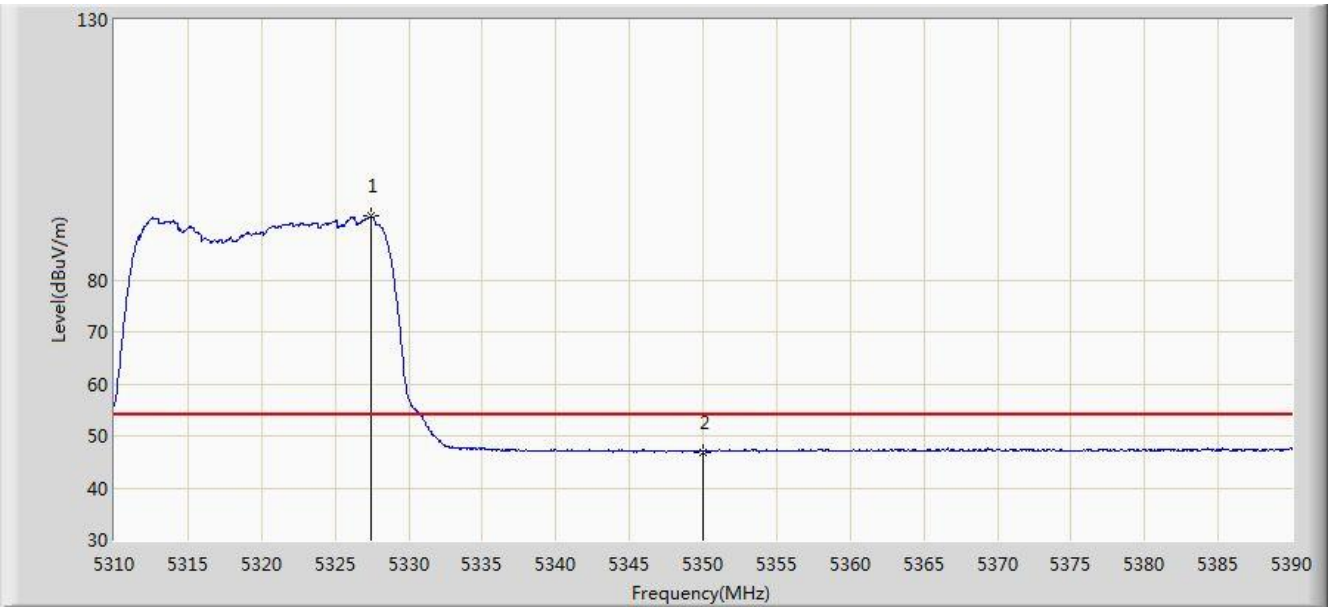



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5326.920 | 102.136 | 98.274 | N/A | N/A | 3.861 | PK |
| 2 | | | 5350.000 | 59.063 | 55.158 | -14.937 | 74.000 | 3.904 | PK |
| 3 | | | 5367.200 | 61.650 | 57.714 | -12.350 | 74.000 | 3.936 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:01 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5320MHz | |

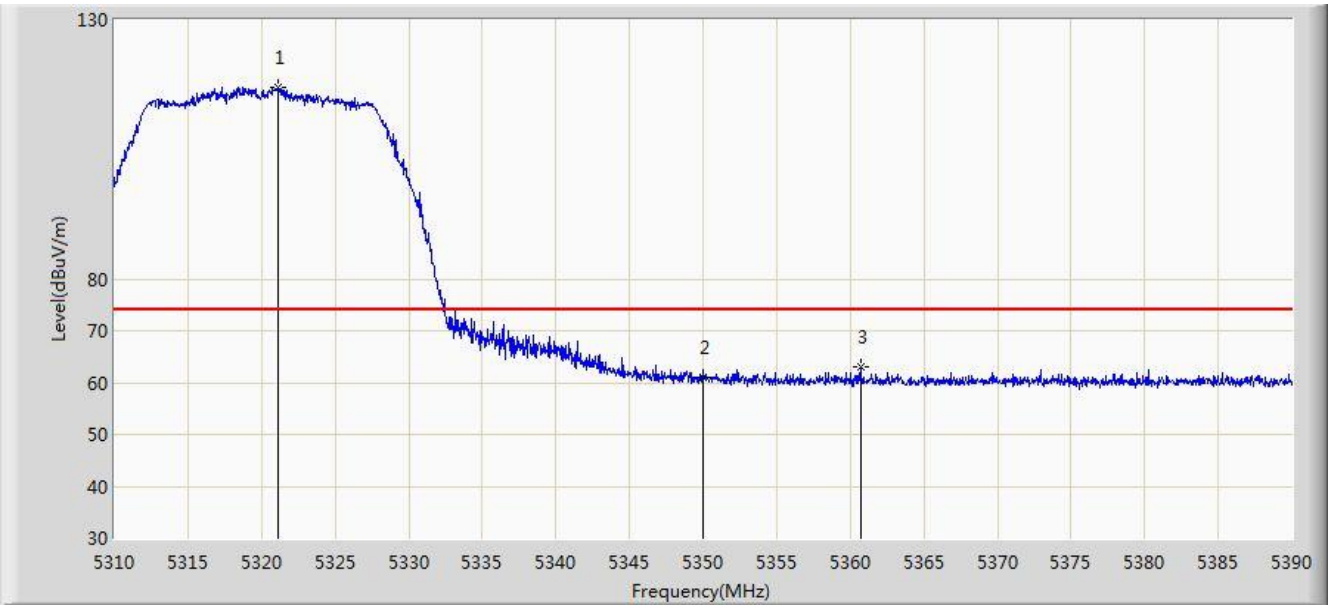



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5327.440 | 92.314 | 88.451 | N/A | N/A | 3.862 | AV |
| 2 | | | 5350.000 | 46.929 | 43.024 | -7.071 | 54.000 | 3.904 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:04 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5320MHz | |

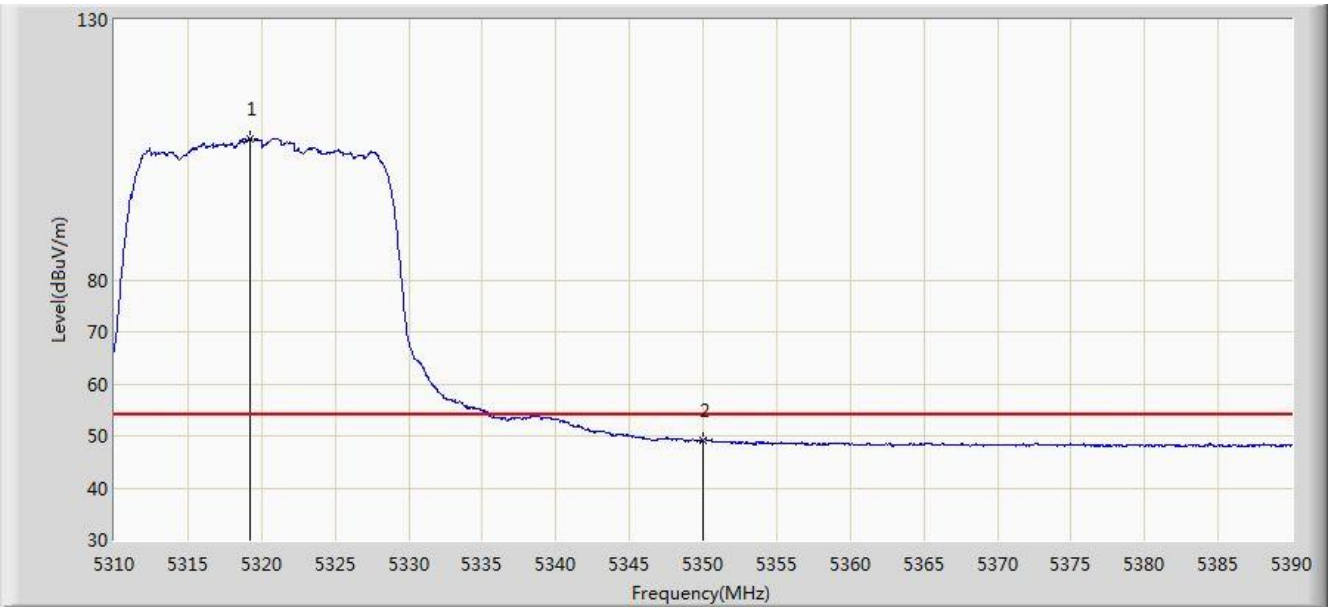



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5321.080 | 116.928 | 113.077 | N/A | N/A | 3.851 | PK |
| 2 | | | 5350.000 | 60.919 | 57.014 | -13.081 | 74.000 | 3.904 | PK |
| 3 | | | 5360.680 | 63.132 | 59.208 | -10.868 | 74.000 | 3.923 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:05 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5320MHz | |

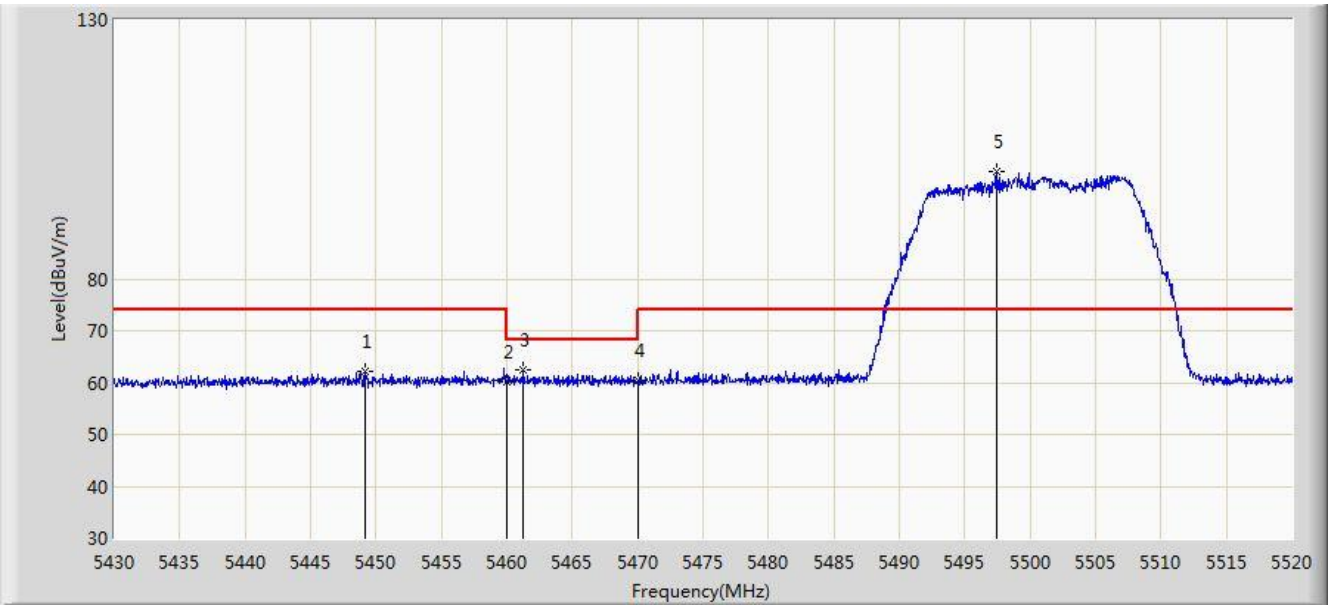



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5319.200 | 107.241 | 103.394 | N/A | N/A | 3.847 | AV |
| 2 | | | 5350.000 | 49.122 | 45.217 | -4.878 | 54.000 | 3.904 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:06 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5500MHz | |

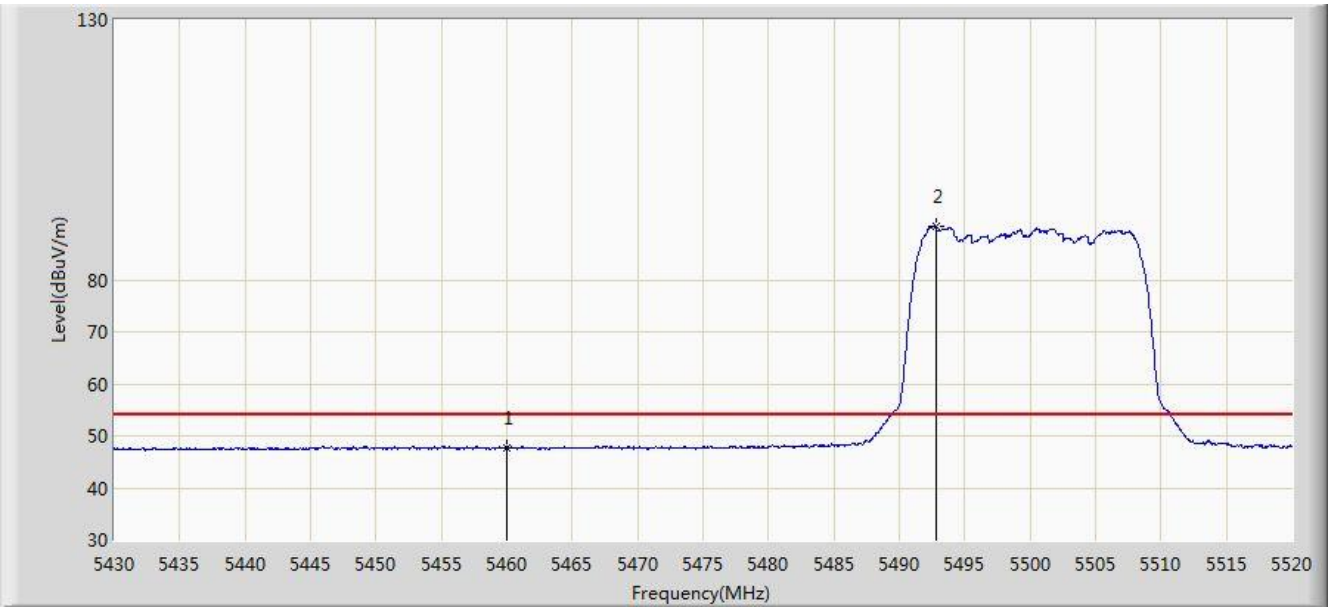



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5449.125 | 62.087 | 57.935 | -11.913 | 74.000 | 4.152 | PK |
| 2 | | | 5460.000 | 60.138 | 55.958 | -13.862 | 74.000 | 4.180 | PK |
| 3 | | | 5461.275 | 62.390 | 58.207 | -5.810 | 68.200 | 4.183 | PK |
| 4 | | | 5470.000 | 60.319 | 56.117 | -7.881 | 68.200 | 4.202 | PK |
| 5 | | * | 5497.455 | 100.825 | 96.560 | N/A | N/A | 4.264 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:08 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5500MHz | |

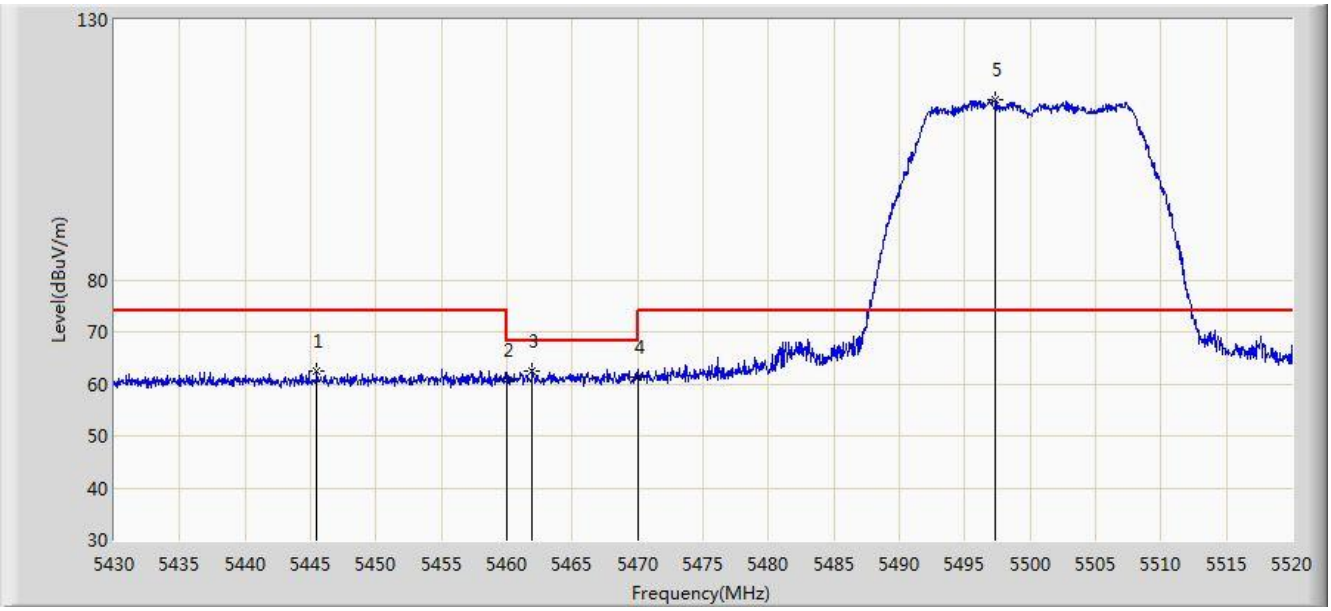



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 47.787 | 43.607 | -6.213 | 54.000 | 4.180 | AV |
| 2 | | * | 5492.775 | 90.411 | 86.157 | N/A | N/A | 4.254 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:09 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5500MHz | |

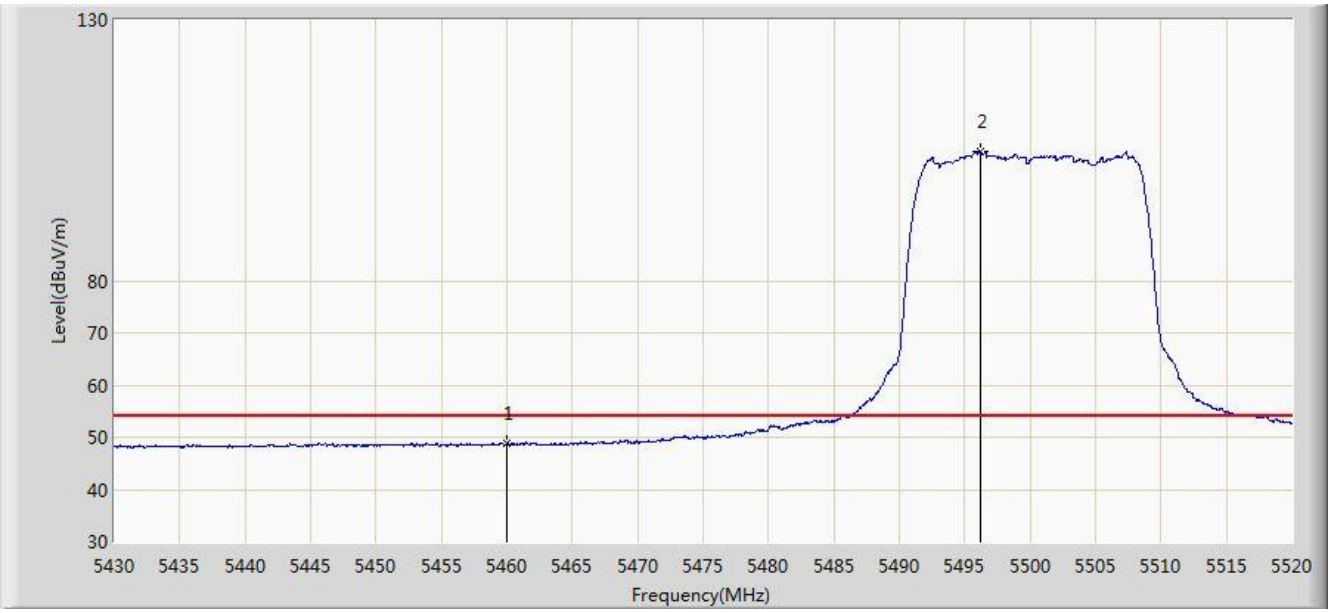



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5445.480 | 62.322 | 58.182 | -11.678 | 74.000 | 4.140 | PK |
| 2 | | | 5460.000 | 60.716 | 56.536 | -13.284 | 74.000 | 4.180 | PK |
| 3 | | | 5461.950 | 62.606 | 58.422 | -5.594 | 68.200 | 4.185 | PK |
| 4 | | | 5470.000 | 61.333 | 57.131 | -6.867 | 68.200 | 4.202 | PK |
| 5 | | * | 5497.365 | 114.675 | 110.411 | N/A | N/A | 4.264 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:11 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5500MHz | |

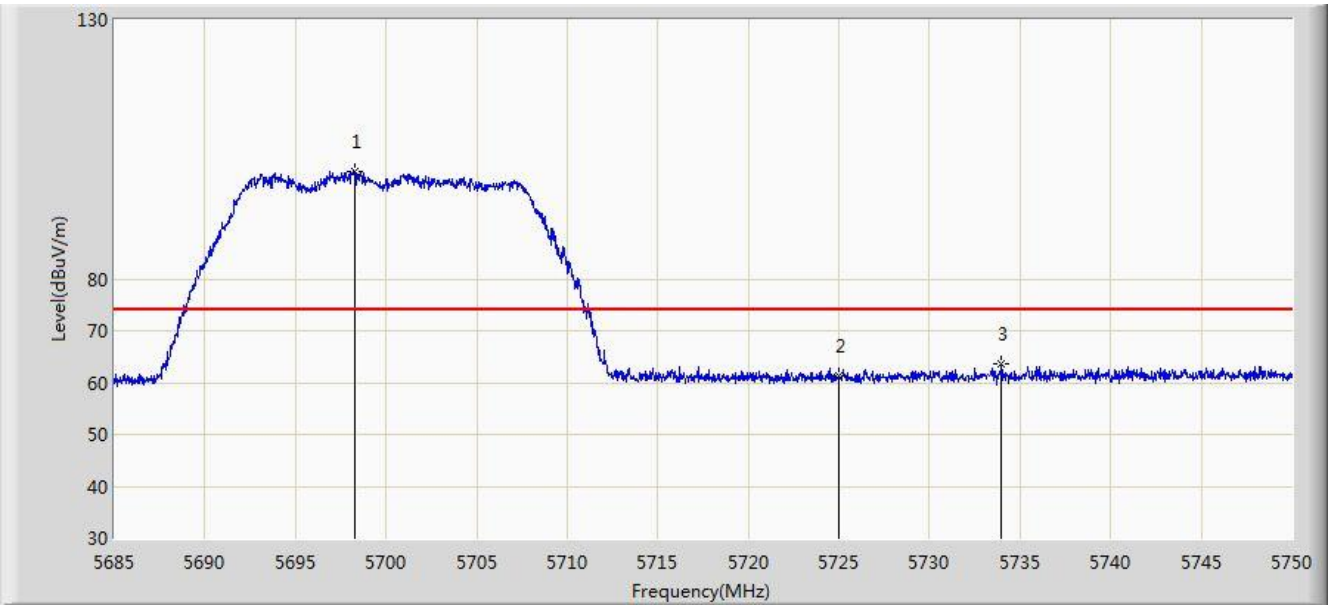



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 48.884 | 44.704 | -5.116 | 54.000 | 4.180 | AV |
| 2 | | * | 5496.150 | 104.792 | 100.530 | N/A | N/A | 4.261 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:15 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5700MHz | |

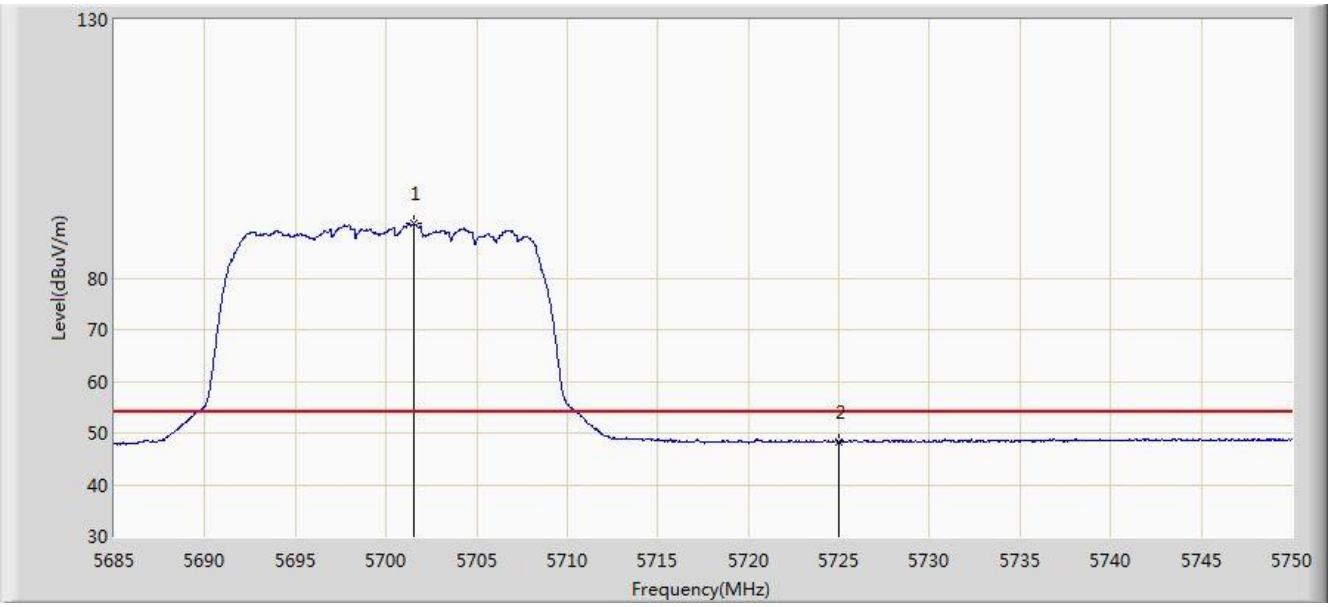



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5698.292 | 100.791 | 95.922 | N/A | N/A | 4.869 | PK |
| 2 | | | 5725.000 | 61.214 | 56.185 | -12.786 | 74.000 | 5.029 | PK |
| 3 | | | 5733.978 | 63.522 | 58.436 | -10.478 | 74.000 | 5.086 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:18 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5700MHz | |

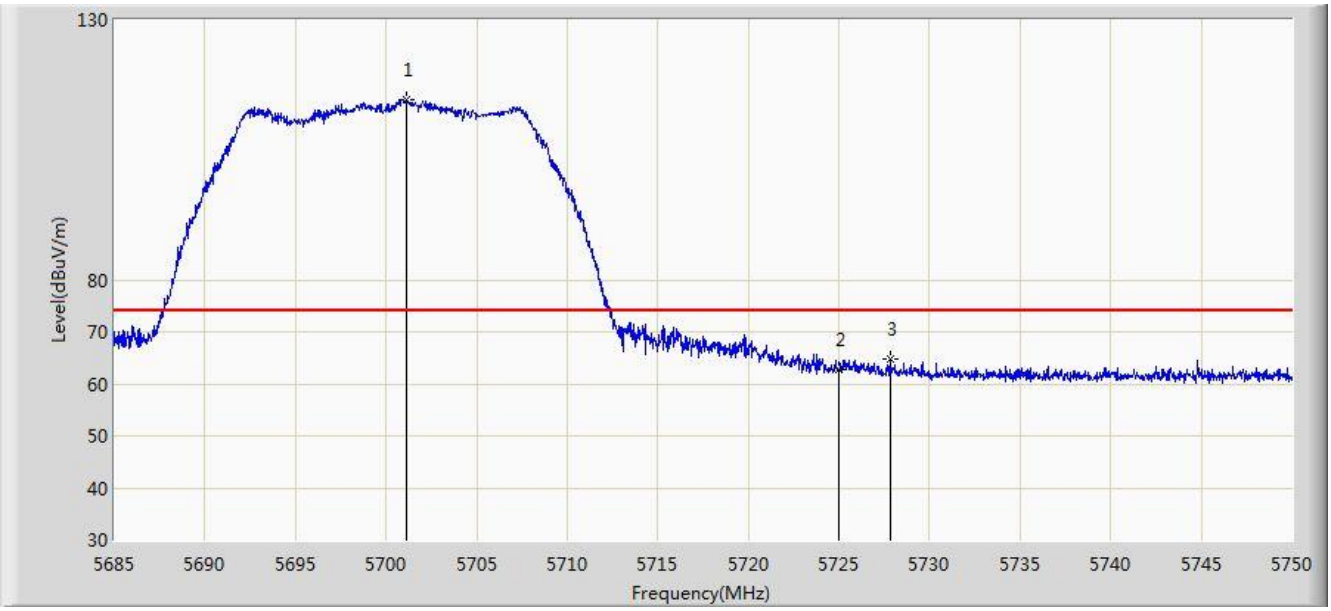



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5701.575 | 90.450 | 85.563 | N/A | N/A | 4.886 | AV |
| 2 | | | 5725.000 | 48.361 | 43.332 | -5.639 | 54.000 | 5.029 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:27 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5700MHz | |

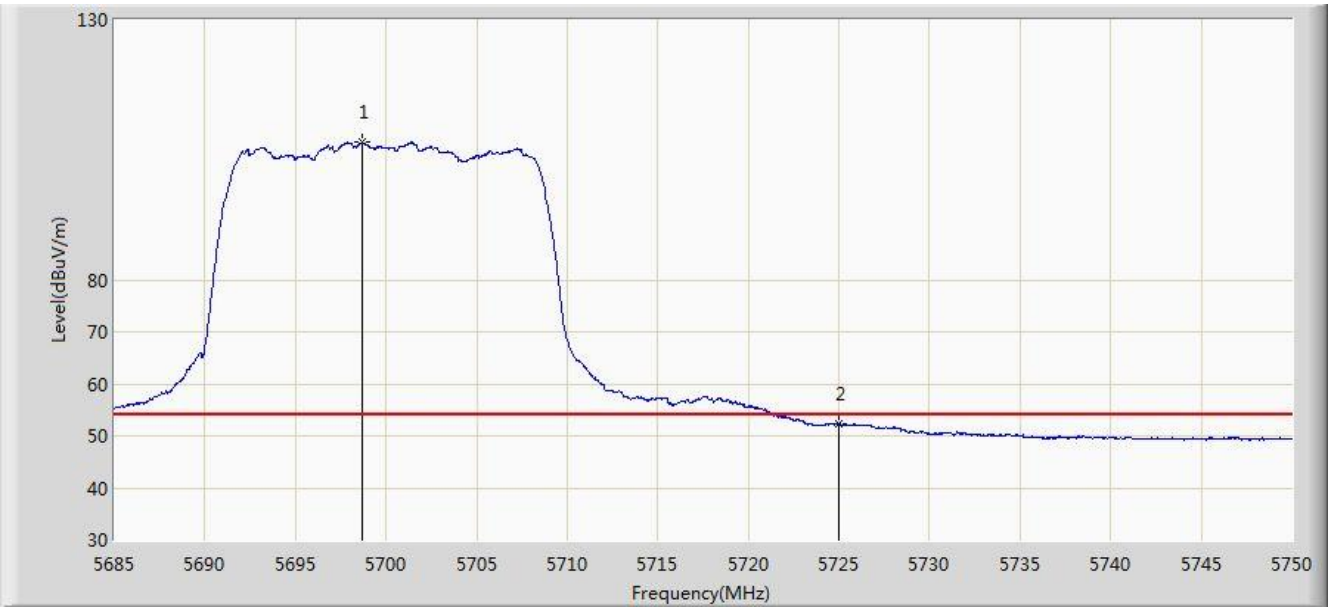



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5701.152 | 114.663 | 109.779 | N/A | N/A | 4.884 | PK |
| 2 | | | 5725.000 | 62.830 | 57.801 | -11.170 | 74.000 | 5.029 | PK |
| 3 | | | 5727.835 | 64.899 | 59.852 | -9.101 | 74.000 | 5.047 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:28 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5700MHz | |

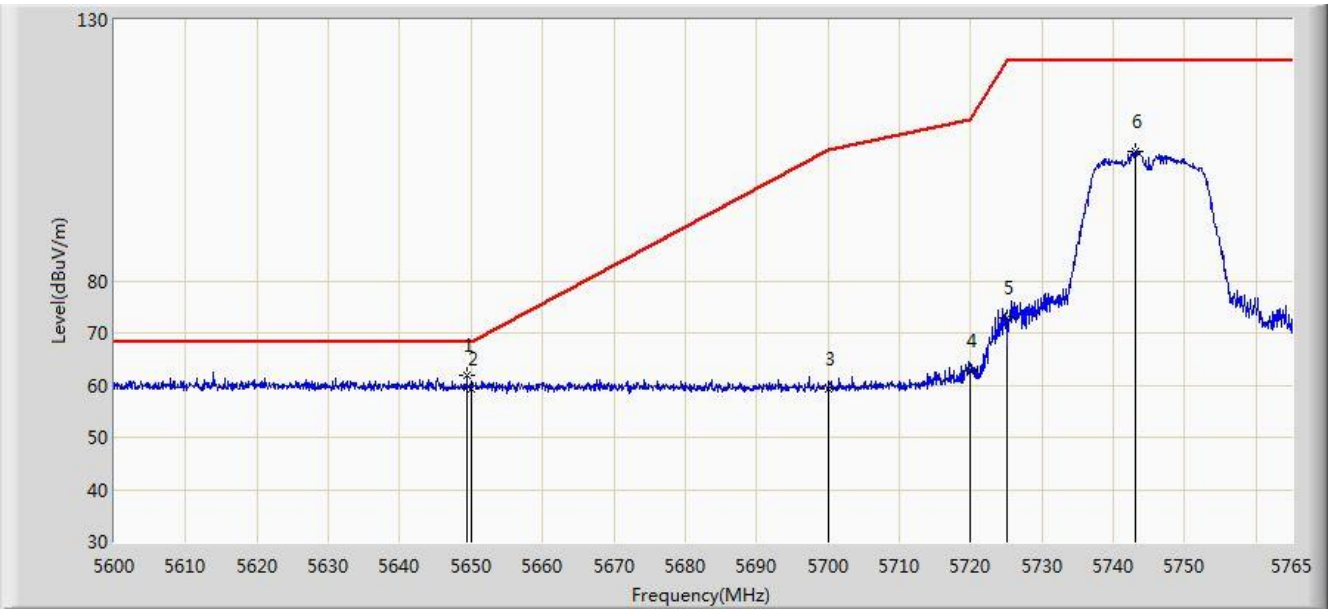



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5698.715 | 106.458 | 101.587 | N/A | N/A | 4.872 | AV |
| 2 | | | 5725.000 | 52.229 | 47.200 | -1.771 | 54.000 | 5.029 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:17 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5745MHz | |

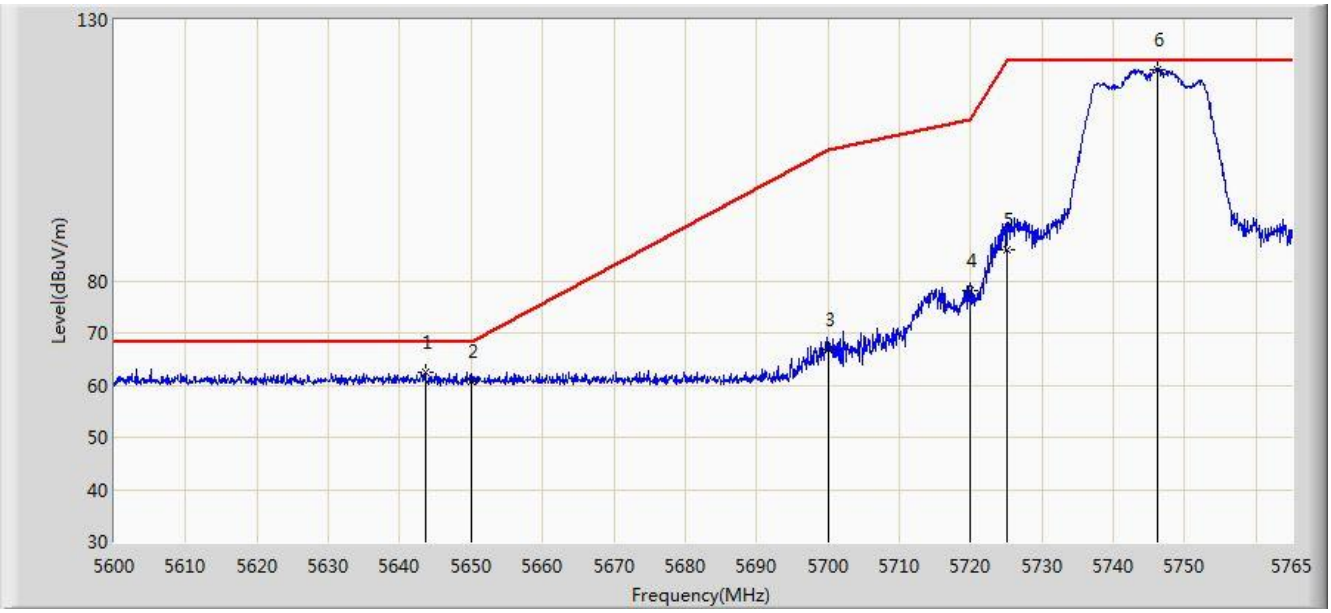



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5649.417 | 61.832 | 57.163 | -6.368 | 68.200 | 4.669 | PK |
| 2 | | | 5650.000 | 59.263 | 54.592 | -8.937 | 68.200 | 4.671 | PK |
| 3 | | | 5700.000 | 59.312 | 54.434 | -45.888 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 62.616 | 57.619 | -48.184 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 72.941 | 67.912 | -49.259 | 122.200 | 5.029 | PK |
| 6 | | | 5743.055 | 104.775 | 99.631 | N/A | N/A | 5.144 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:15 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5745MHz | |

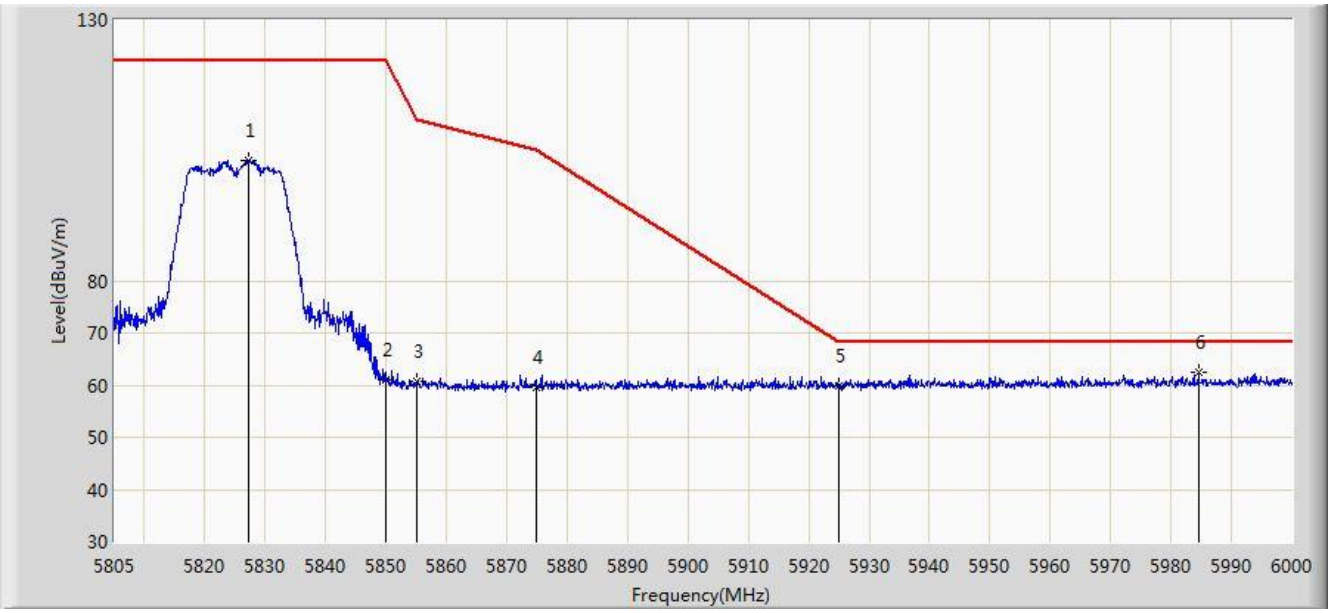



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5643.560 | 62.540 | 57.890 | -5.660 | 68.200 | 4.649 | PK |
| 2 | | | 5650.000 | 60.860 | 56.189 | -7.340 | 68.200 | 4.671 | PK |
| 3 | | | 5700.000 | 66.856 | 61.978 | -38.344 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 78.237 | 73.240 | -32.563 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 86.076 | 81.047 | -36.124 | 122.200 | 5.029 | PK |
| 6 | | * | 5746.272 | 120.579 | 115.417 | N/A | N/A | 5.163 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:18 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5825MHz | |

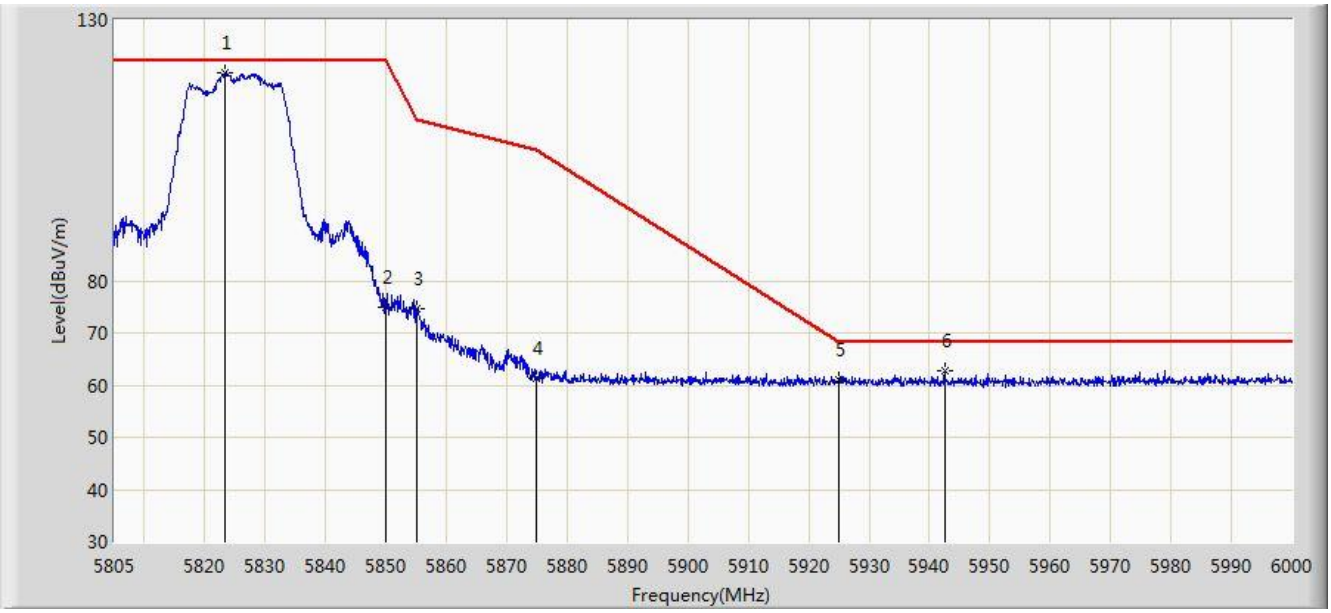



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5827.328 | 102.939 | 97.337 | N/A | N/A | 5.602 | PK |
| 2 | | | 5850.000 | 60.955 | 55.229 | -61.245 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 60.585 | 54.839 | -50.215 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 59.661 | 53.841 | -45.539 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 59.924 | 53.958 | -8.276 | 68.200 | 5.967 | PK |
| 6 | | * | 5984.595 | 62.531 | 56.446 | -5.669 | 68.200 | 6.086 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:19 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11a at Channel 5825MHz | |

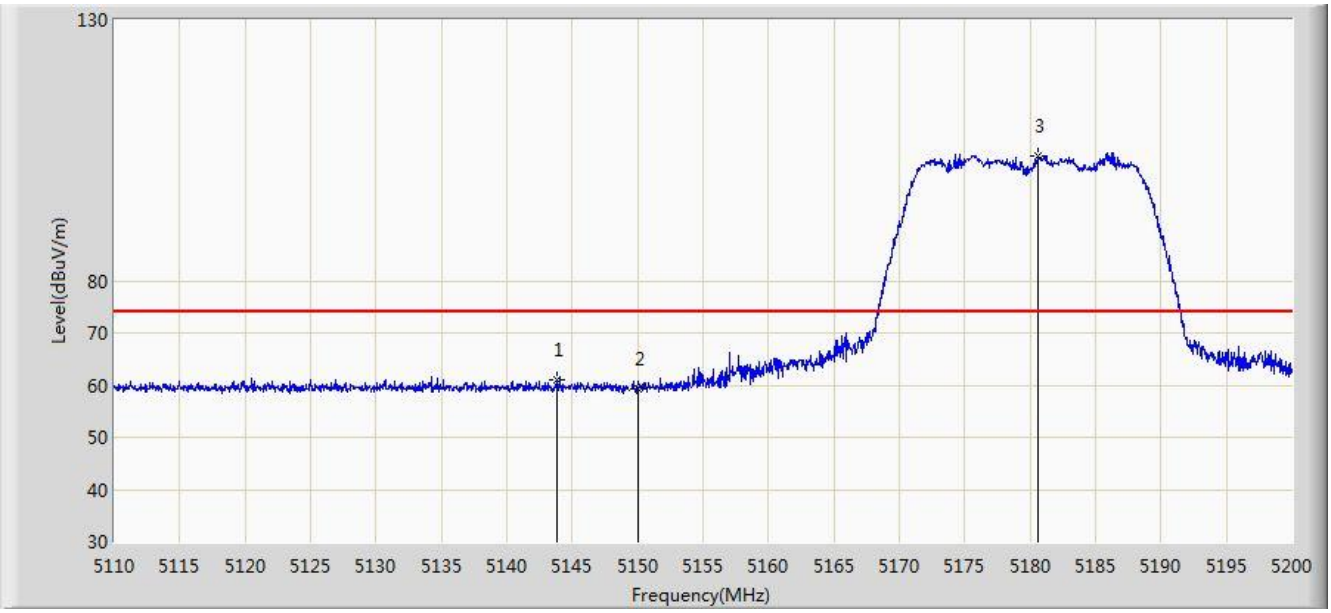



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5823.428 | 119.955 | 114.376 | N/A | N/A | 5.578 | PK |
| 2 | | | 5850.000 | 74.853 | 69.127 | -47.347 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 74.774 | 69.028 | -36.026 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 61.219 | 55.399 | -43.981 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 61.058 | 55.092 | -7.142 | 68.200 | 5.967 | PK |
| 6 | | | 5942.475 | 62.898 | 56.888 | -5.302 | 68.200 | 6.009 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:33 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5180MHz | |

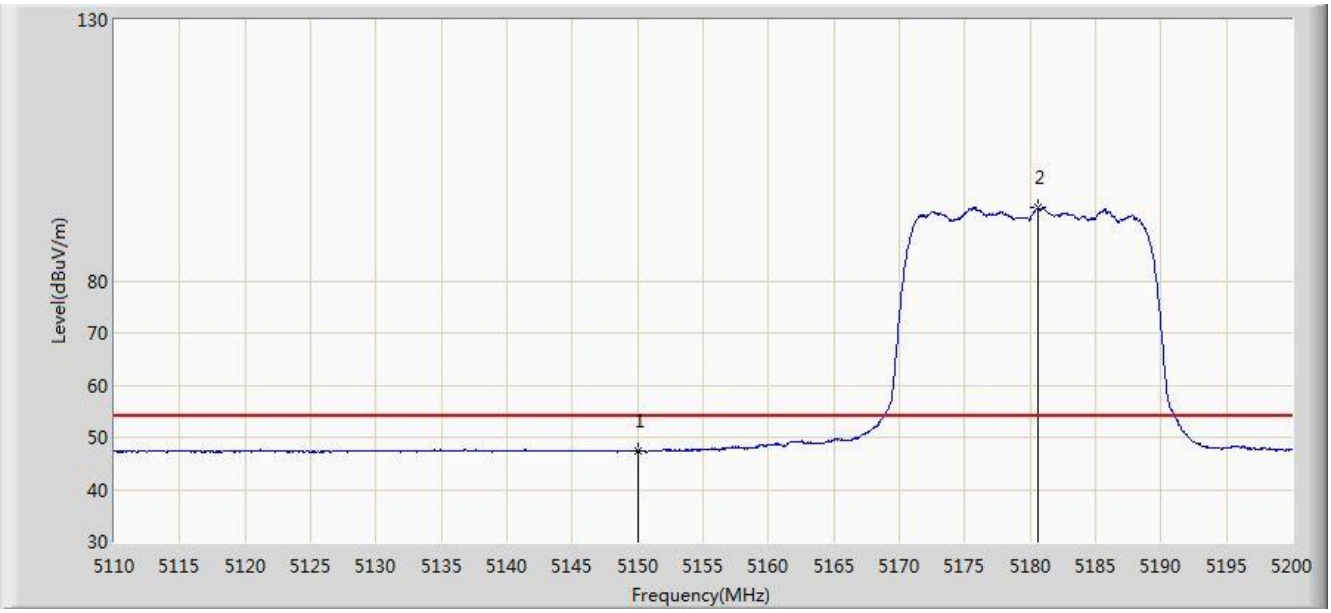



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5143.795 | 61.030 | 56.854 | -12.970 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 59.140 | 54.971 | -14.860 | 74.000 | 4.170 | PK |
| 3 | | * | 5180.650 | 103.972 | 99.905 | N/A | N/A | 4.067 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:32 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5180MHz | |

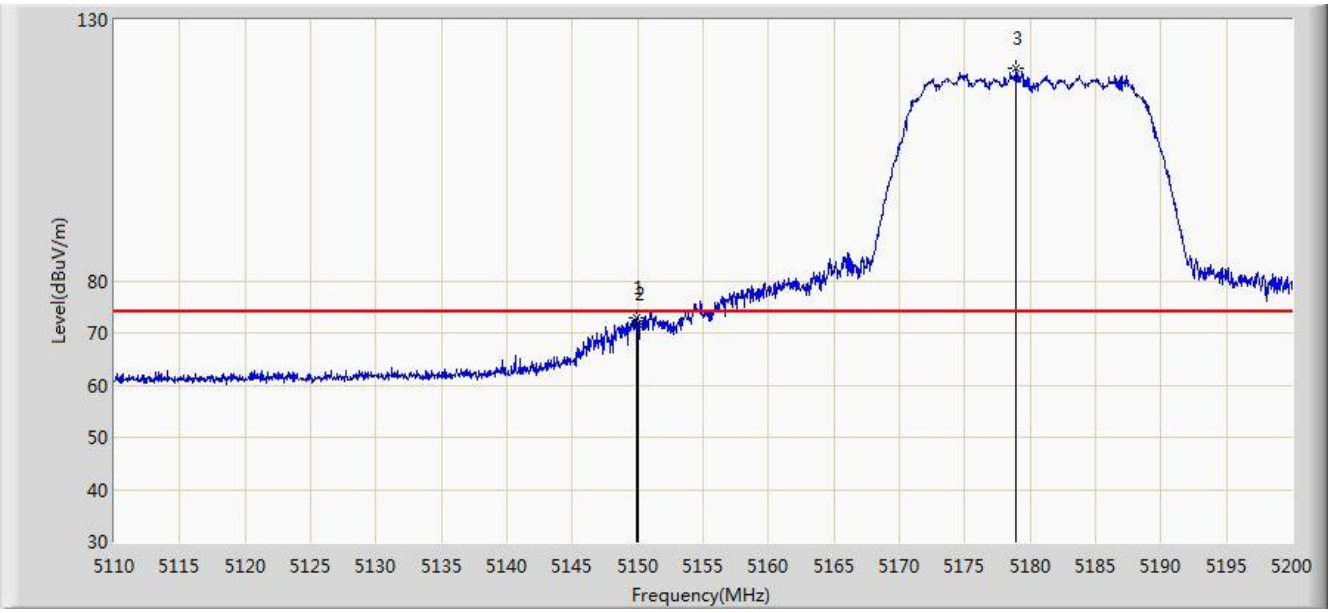



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 47.336 | 43.167 | -6.664 | 54.000 | 4.170 | AV |
| 2 | | * | 5180.560 | 93.955 | 89.888 | N/A | N/A | 4.067 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:29 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5180MHz | |

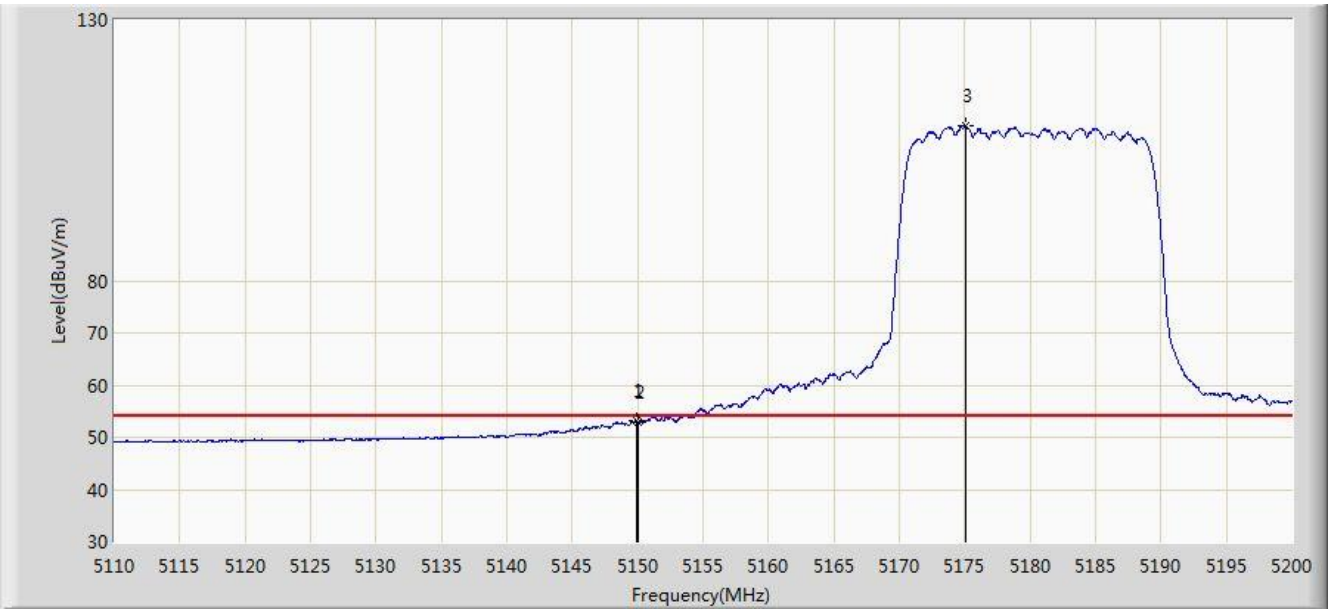



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5149.915 | 72.843 | 68.673 | -1.157 | 74.000 | 4.170 | PK |
| 2 | | | 5150.000 | 71.812 | 67.643 | -2.188 | 74.000 | 4.170 | PK |
| 3 | | * | 5178.940 | 120.731 | 116.658 | N/A | N/A | 4.072 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 03:31 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5180MHz | |

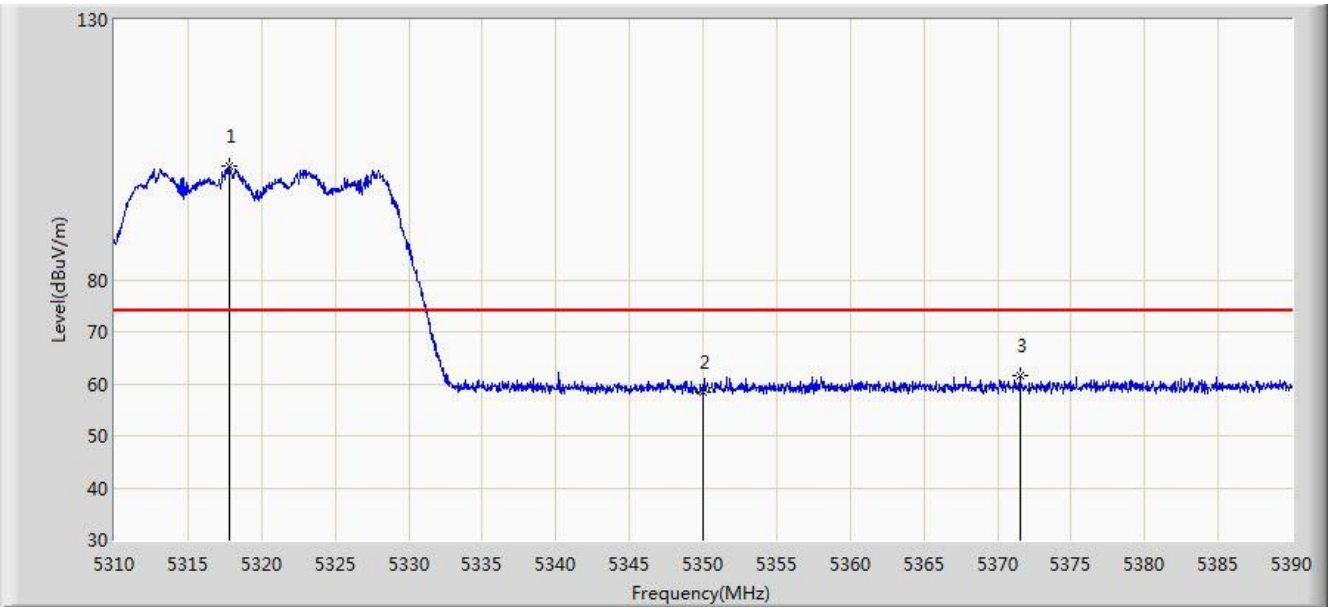



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5149.870 | 53.208 | 49.038 | -0.792 | 54.000 | 4.170 | AV |
| 2 | | | 5150.000 | 52.961 | 48.792 | -1.039 | 54.000 | 4.170 | AV |
| 3 | X | * | 5175.025 | 109.849 | 105.762 | N/A | N/A | 4.087 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:30 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5320MHz | |

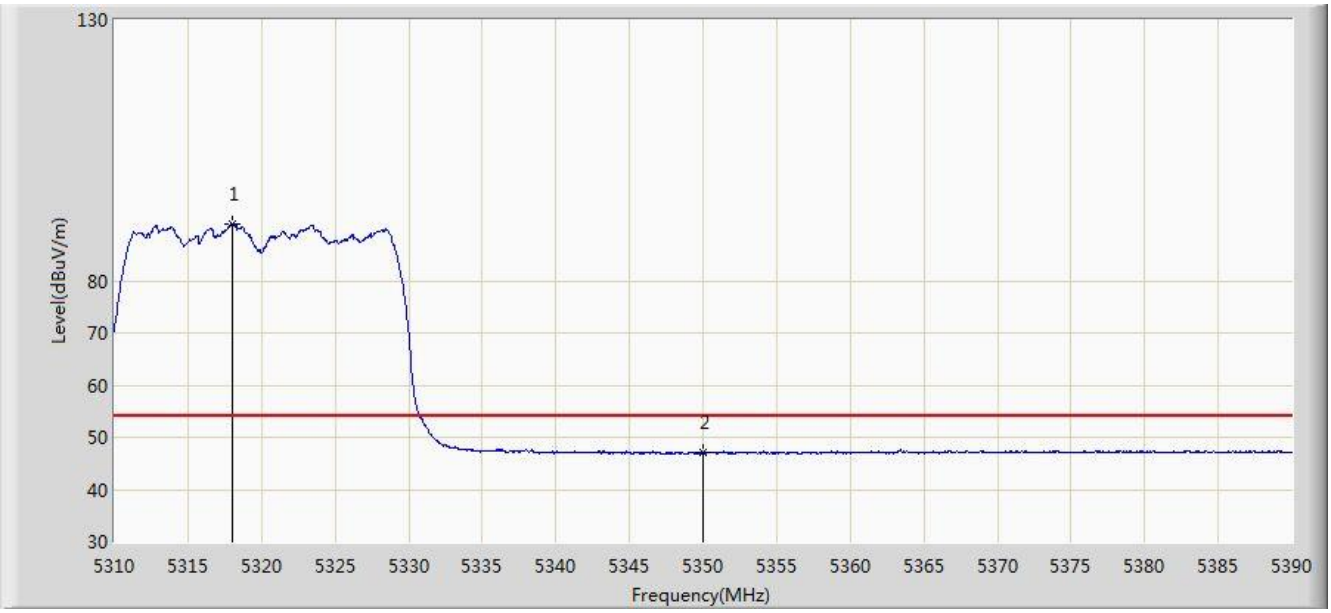



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5317.800 | 101.753 | 97.909 | N/A | N/A | 3.845 | PK |
| 2 | | | 5350.000 | 58.456 | 54.551 | -15.544 | 74.000 | 3.904 | PK |
| 3 | | | 5371.520 | 61.541 | 57.597 | -12.459 | 74.000 | 3.944 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:32 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5320MHz | |

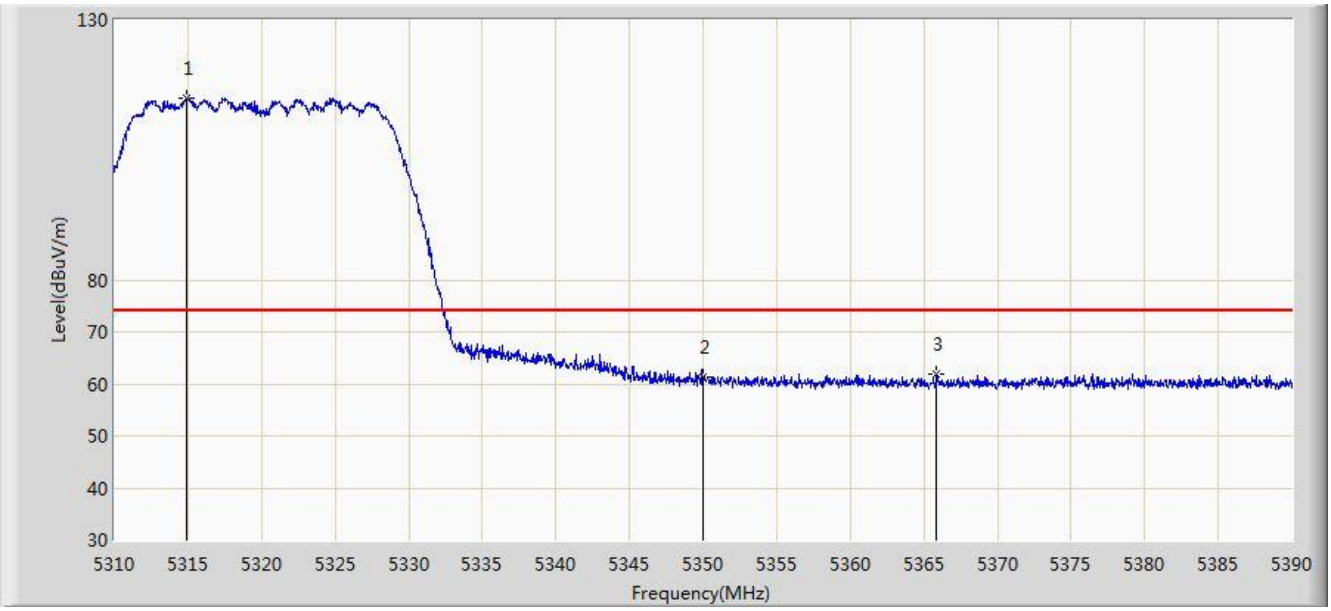



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5318.040 | 90.978 | 87.133 | N/A | N/A | 3.845 | AV |
| 2 | | | 5350.000 | 47.001 | 43.096 | -6.999 | 54.000 | 3.904 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:35 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5320MHz | |

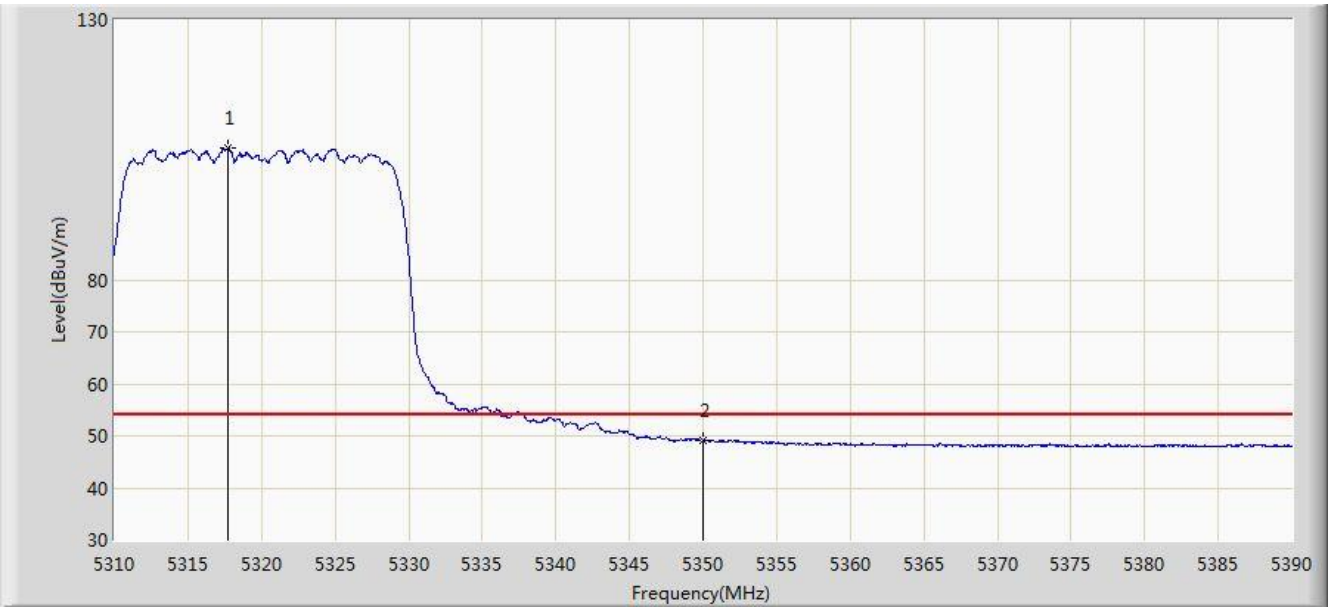



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5314.960 | 115.050 | 111.211 | N/A | N/A | 3.839 | PK |
| 2 | | | 5350.000 | 61.379 | 57.474 | -12.621 | 74.000 | 3.904 | PK |
| 3 | | | 5365.880 | 61.970 | 58.037 | -12.030 | 74.000 | 3.933 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:37 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5320MHz | |

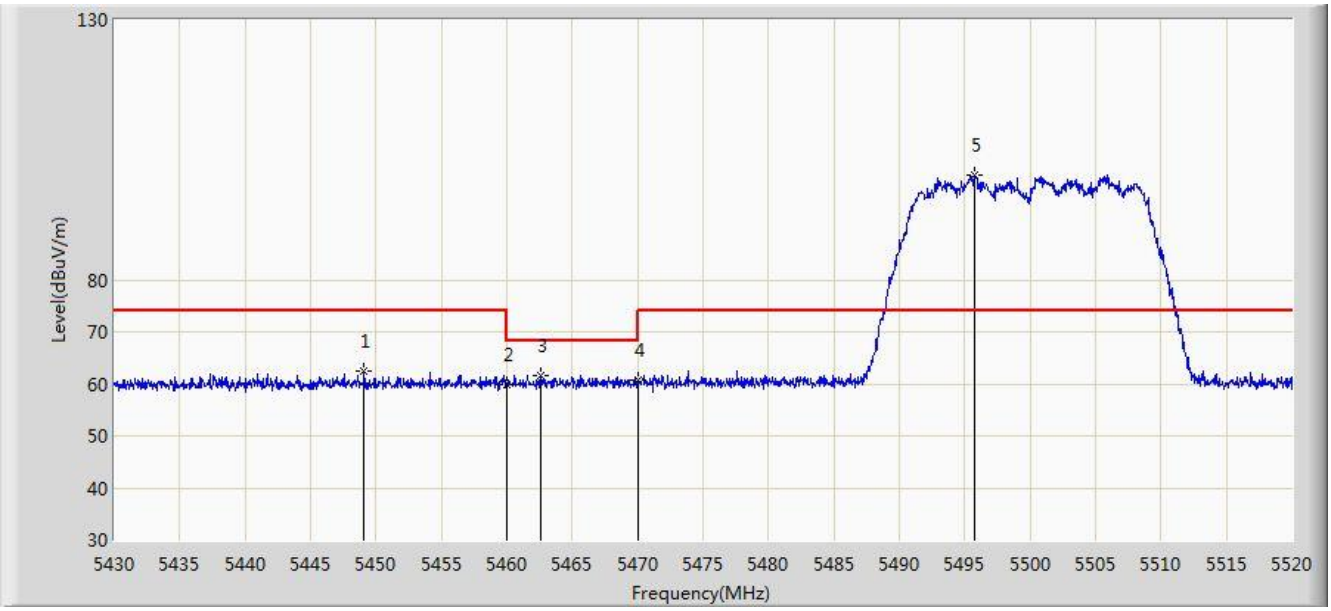



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5317.720 | 105.444 | 101.600 | N/A | N/A | 3.845 | AV |
| 2 | | | 5350.000 | 49.098 | 45.193 | -4.902 | 54.000 | 3.904 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:39 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5500MHz | |

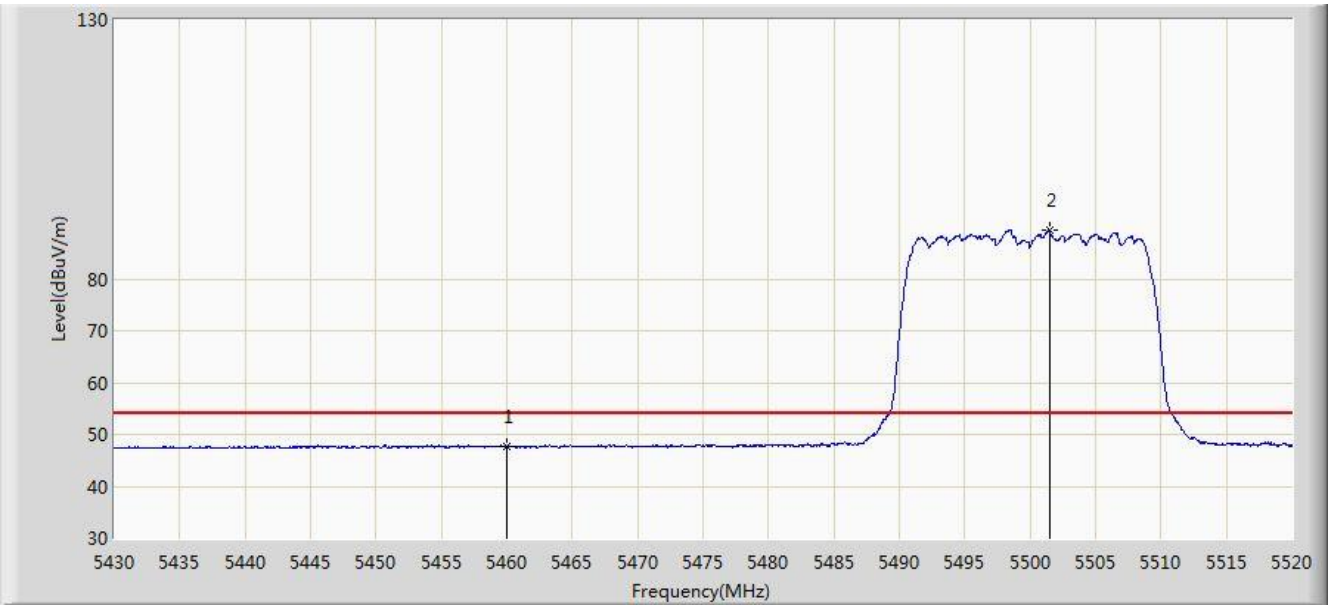



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5449.080 | 62.438 | 58.286 | -11.562 | 74.000 | 4.152 | PK |
| 2 | | | 5460.000 | 59.897 | 55.717 | -14.103 | 74.000 | 4.180 | PK |
| 3 | | | 5462.580 | 61.648 | 57.462 | -6.552 | 68.200 | 4.186 | PK |
| 4 | | | 5470.000 | 60.629 | 56.427 | -7.571 | 68.200 | 4.202 | PK |
| 5 | | * | 5495.700 | 100.246 | 95.985 | N/A | N/A | 4.261 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:41 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5500MHz | |

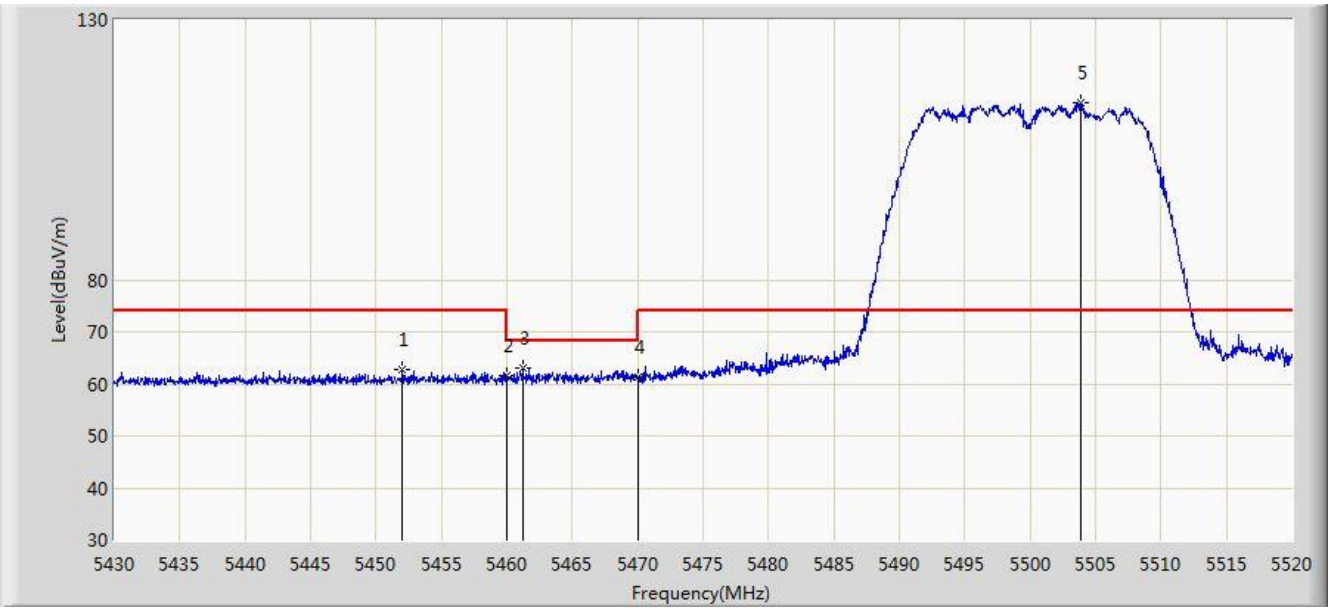



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 47.614 | 43.434 | -6.386 | 54.000 | 4.180 | AV |
| 2 | | * | 5501.460 | 89.481 | 85.205 | N/A | N/A | 4.276 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:43 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5500MHz | |

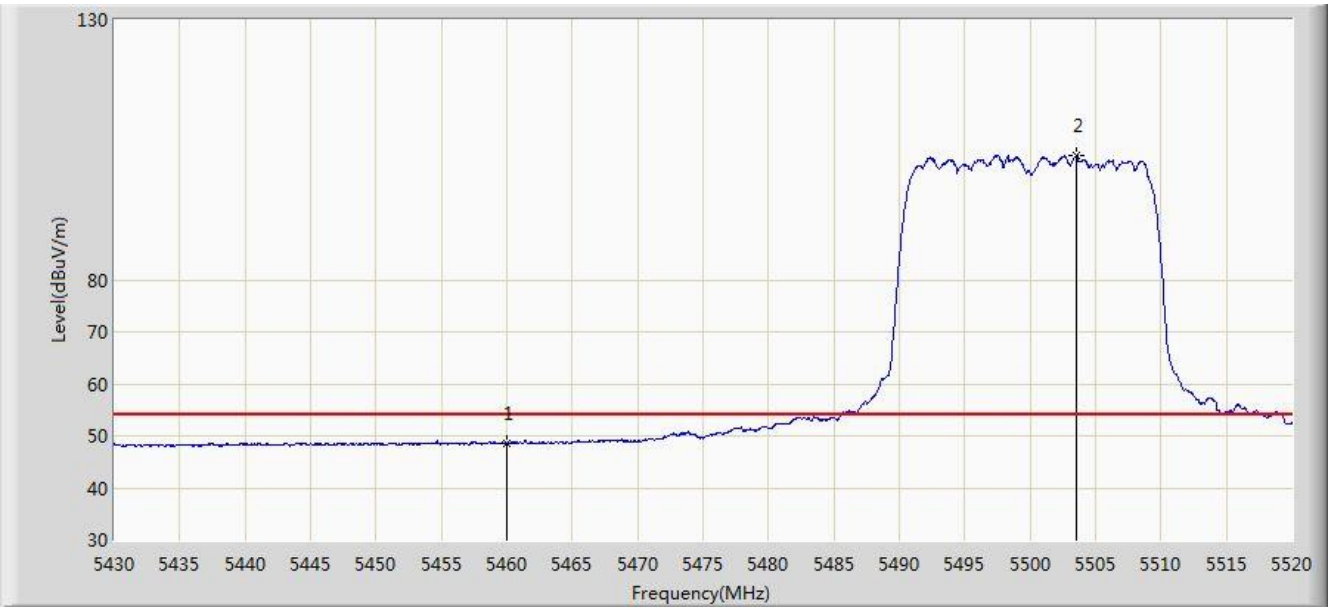



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5452.005 | 62.638 | 58.477 | -11.362 | 74.000 | 4.161 | PK |
| 2 | | | 5460.000 | 61.554 | 57.374 | -12.446 | 74.000 | 4.180 | PK |
| 3 | | | 5461.230 | 62.902 | 58.719 | -5.298 | 68.200 | 4.183 | PK |
| 4 | | | 5470.000 | 61.389 | 57.187 | -6.811 | 68.200 | 4.202 | PK |
| 5 | | * | 5503.845 | 114.022 | 109.739 | N/A | N/A | 4.284 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/24 - 11:45 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5500MHz | |

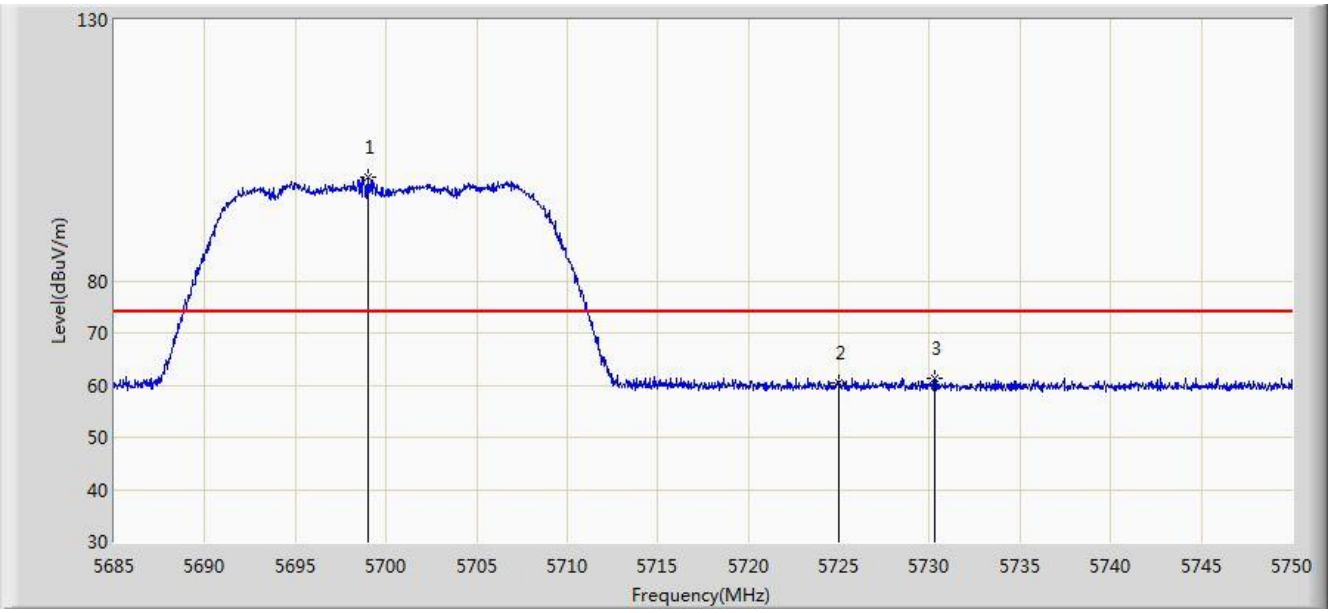



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 48.560 | 44.380 | -5.440 | 54.000 | 4.180 | AV |
| 2 | | * | 5503.530 | 104.054 | 99.772 | N/A | N/A | 4.283 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:14 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5700MHz | |

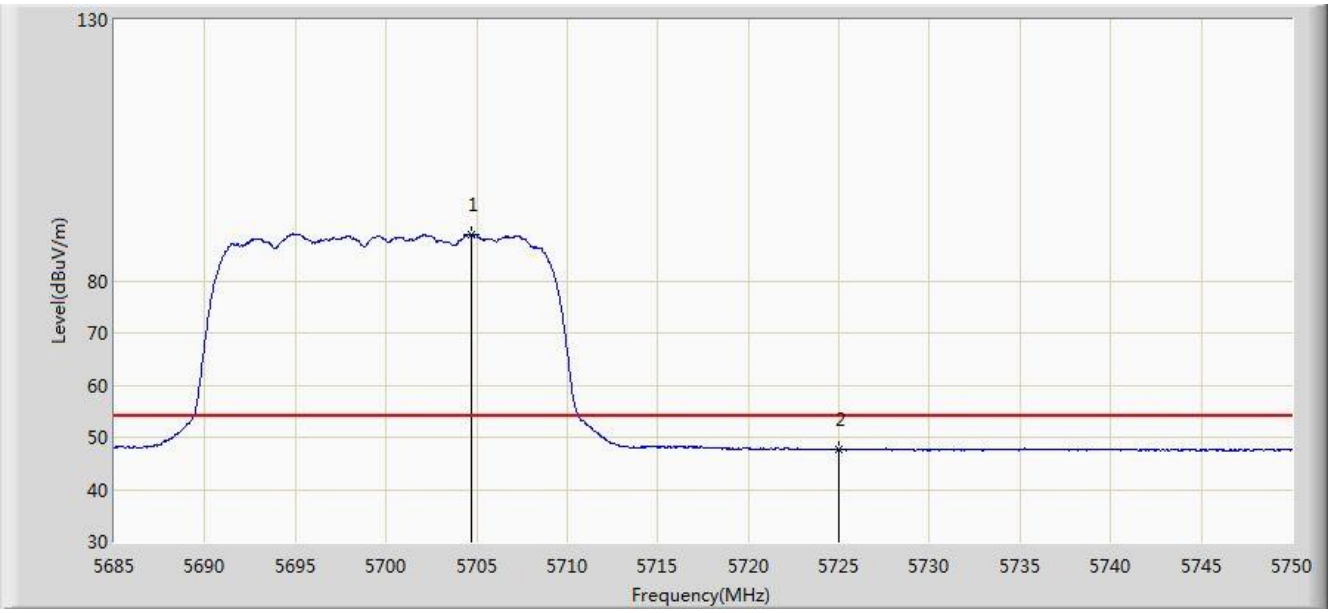



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5698.975 | 99.919 | 95.046 | N/A | N/A | 4.872 | PK |
| 2 | | | 5725.000 | 60.553 | 55.524 | -13.447 | 74.000 | 5.029 | PK |
| 3 | | | 5730.272 | 61.227 | 56.164 | -12.773 | 74.000 | 5.062 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:15 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5700MHz | |

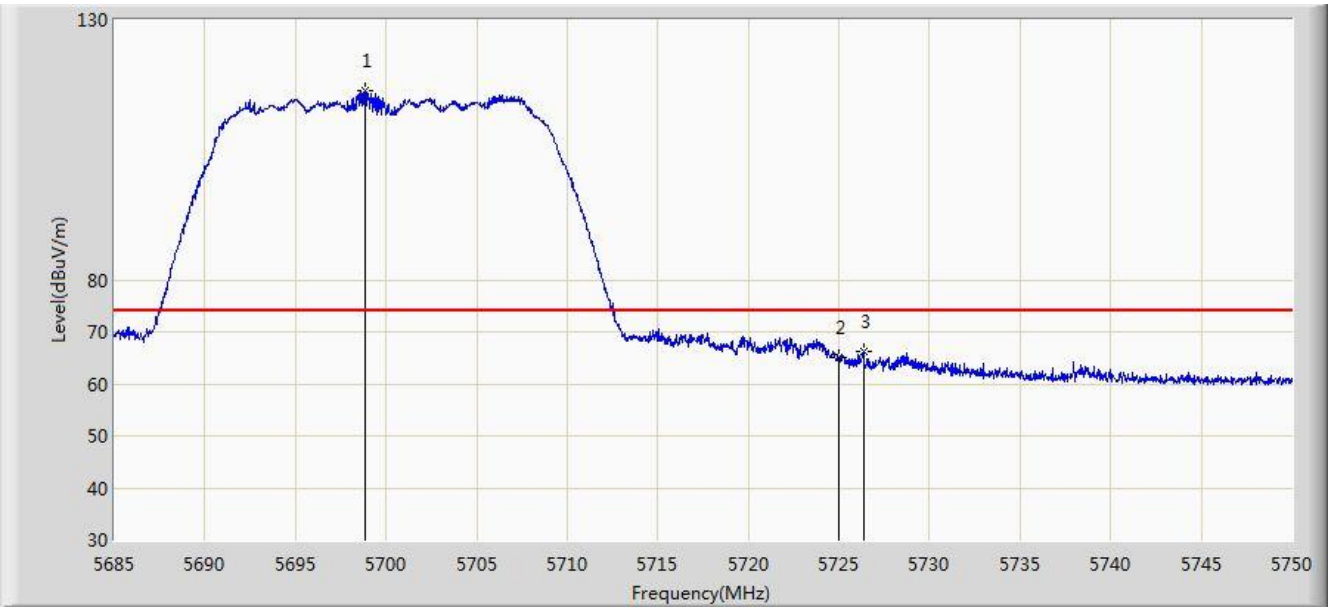



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5704.695 | 88.908 | 84.005 | N/A | N/A | 4.903 | AV |
| 2 | | | 5725.000 | 47.691 | 42.662 | -6.309 | 54.000 | 5.029 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:13 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5700MHz | |

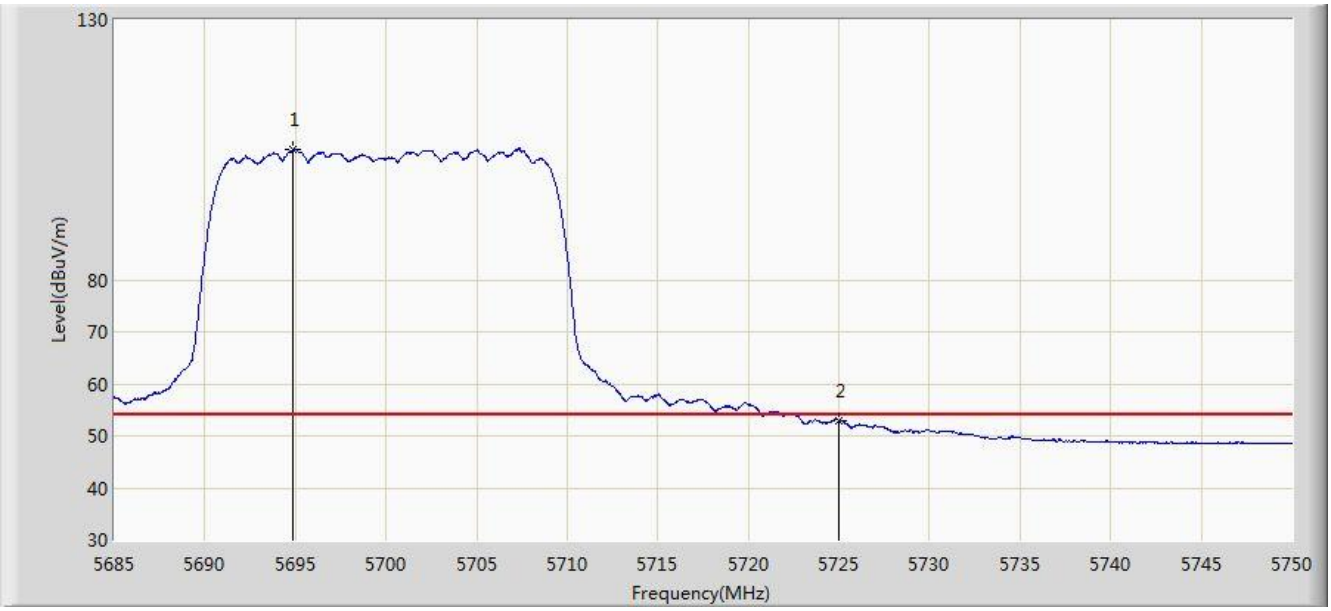



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5698.877 | 116.409 | 111.537 | N/A | N/A | 4.872 | PK |
| 2 | | | 5725.000 | 65.126 | 60.097 | -8.874 | 74.000 | 5.029 | PK |
| 3 | | | 5726.340 | 66.375 | 61.337 | -7.625 | 74.000 | 5.037 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:11 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5700MHz | |

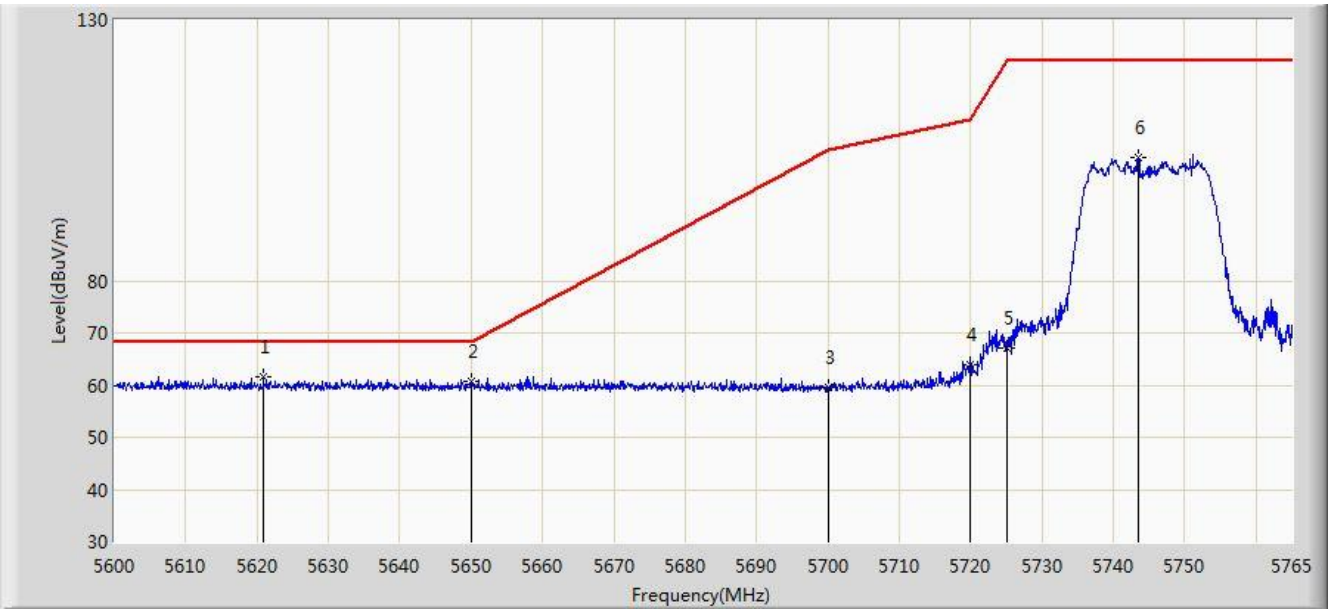



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5694.880 | 105.037 | 100.186 | N/A | N/A | 4.851 | AV |
| 2 | | | 5725.000 | 52.965 | 47.936 | -1.035 | 54.000 | 5.029 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:19 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5745MHz | |

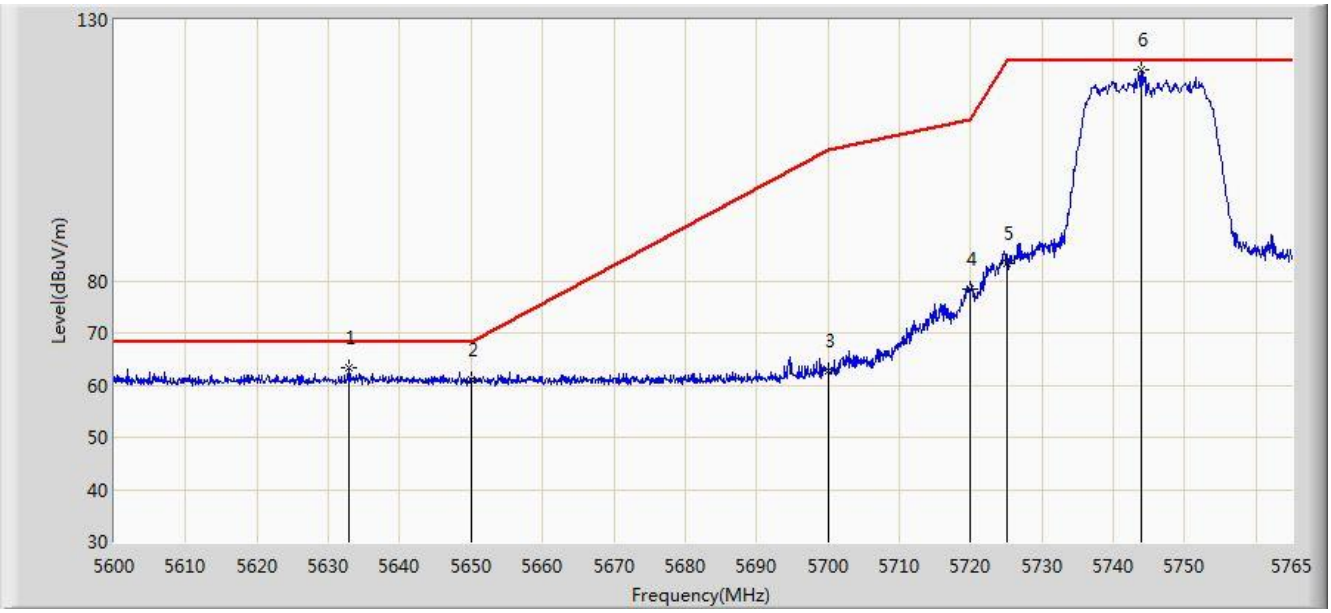



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5620.873 | 61.569 | 56.986 | -6.631 | 68.200 | 4.583 | PK |
| 2 | | | 5650.000 | 60.609 | 55.938 | -7.591 | 68.200 | 4.671 | PK |
| 3 | | | 5700.000 | 59.499 | 54.621 | -45.701 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 63.943 | 58.946 | -46.857 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 67.188 | 62.159 | -55.012 | 122.200 | 5.029 | PK |
| 6 | | | 5743.550 | 103.514 | 98.367 | N/A | N/A | 5.147 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:20 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5745MHz | |

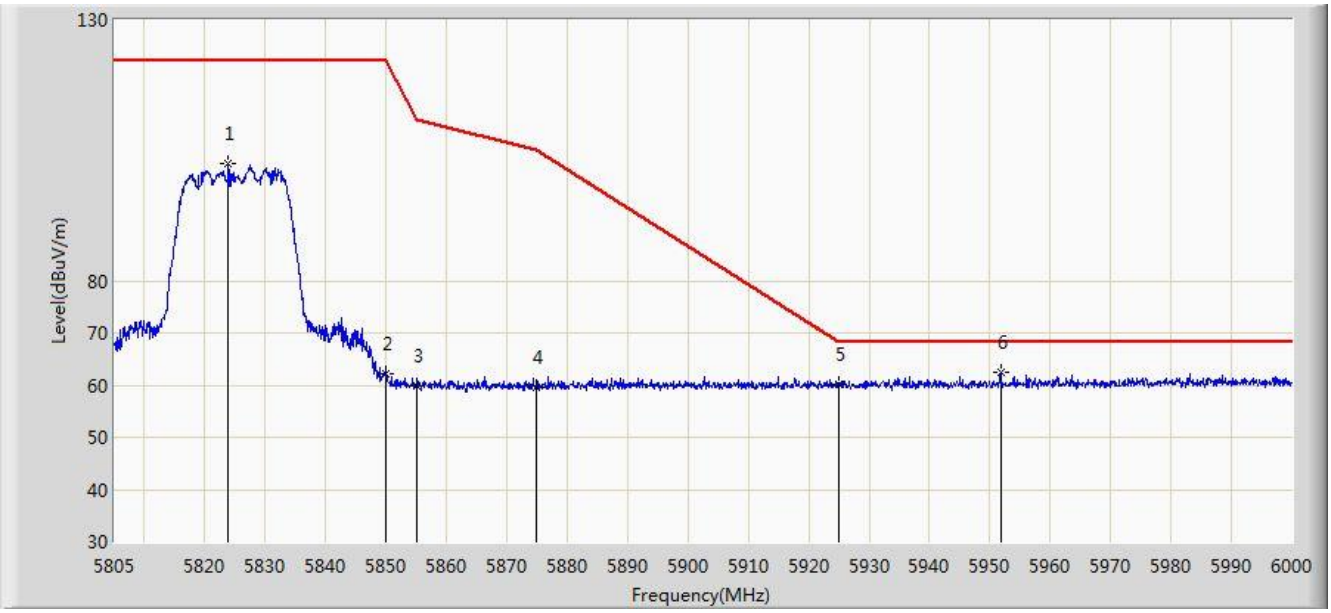



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5632.917 | 63.259 | 58.642 | -4.941 | 68.200 | 4.618 | PK |
| 2 | | | 5650.000 | 61.140 | 56.469 | -7.060 | 68.200 | 4.671 | PK |
| 3 | | | 5700.000 | 62.659 | 57.781 | -42.541 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 78.351 | 73.354 | -32.449 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 83.330 | 78.301 | -38.870 | 122.200 | 5.029 | PK |
| 6 | | * | 5743.962 | 120.338 | 115.189 | N/A | N/A | 5.149 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:23 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5825MHz | |

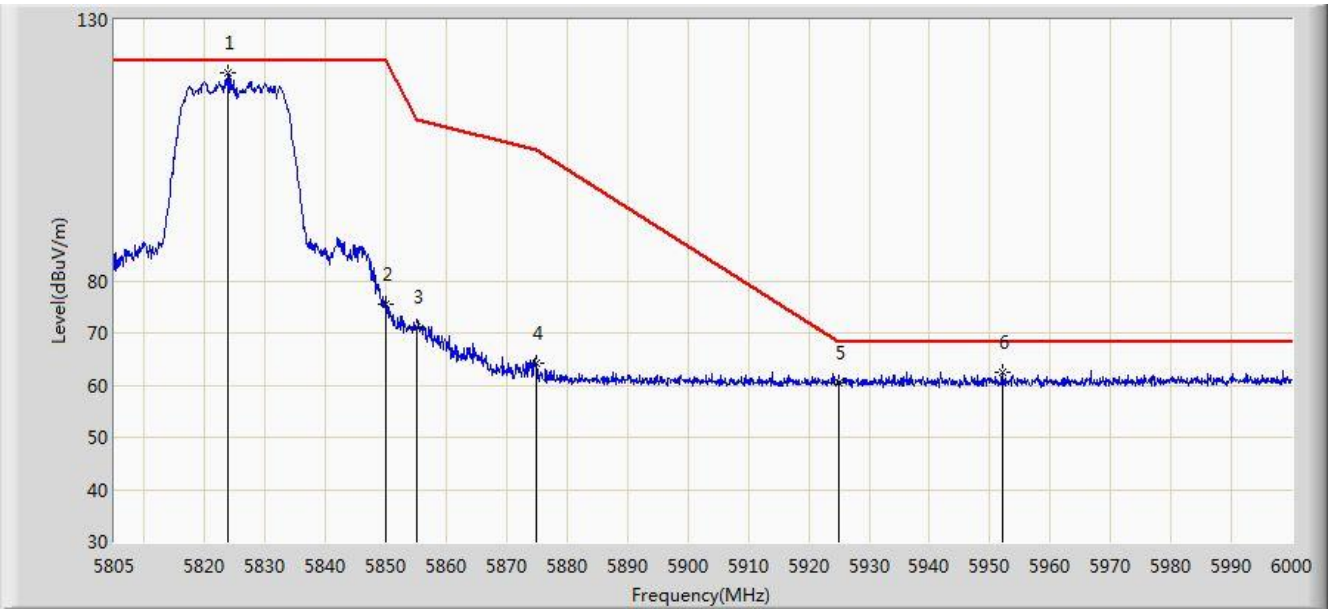



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5823.915 | 102.407 | 96.825 | N/A | N/A | 5.581 | PK |
| 2 | | | 5850.000 | 62.086 | 56.360 | -60.114 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 59.932 | 54.186 | -50.868 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 59.672 | 53.852 | -45.528 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 60.142 | 54.176 | -8.058 | 68.200 | 5.967 | PK |
| 6 | | * | 5951.835 | 62.476 | 56.446 | -5.724 | 68.200 | 6.030 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:21 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT20 at Channel 5825MHz | |

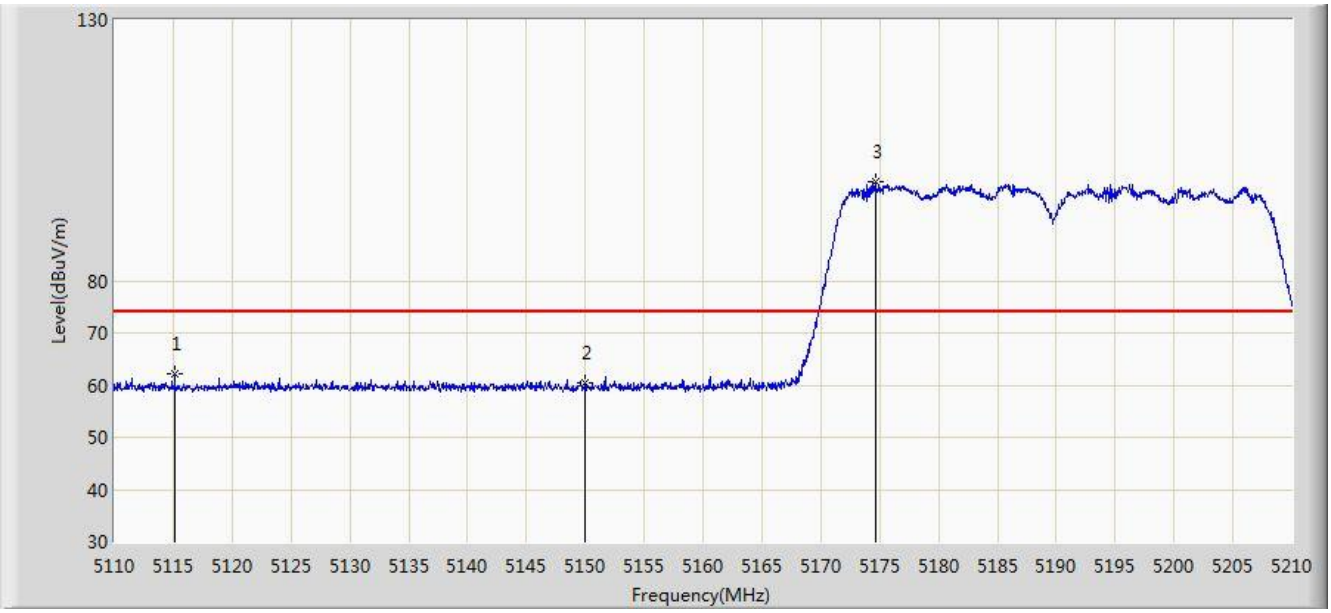



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5823.915 | 119.964 | 114.382 | N/A | N/A | 5.581 | PK |
| 2 | | | 5850.000 | 75.380 | 69.654 | -46.820 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 71.249 | 65.503 | -39.551 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 64.091 | 58.271 | -41.109 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 60.563 | 54.597 | -7.637 | 68.200 | 5.967 | PK |
| 6 | | | 5952.030 | 62.592 | 56.562 | -5.608 | 68.200 | 6.030 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:40 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5190MHz | |

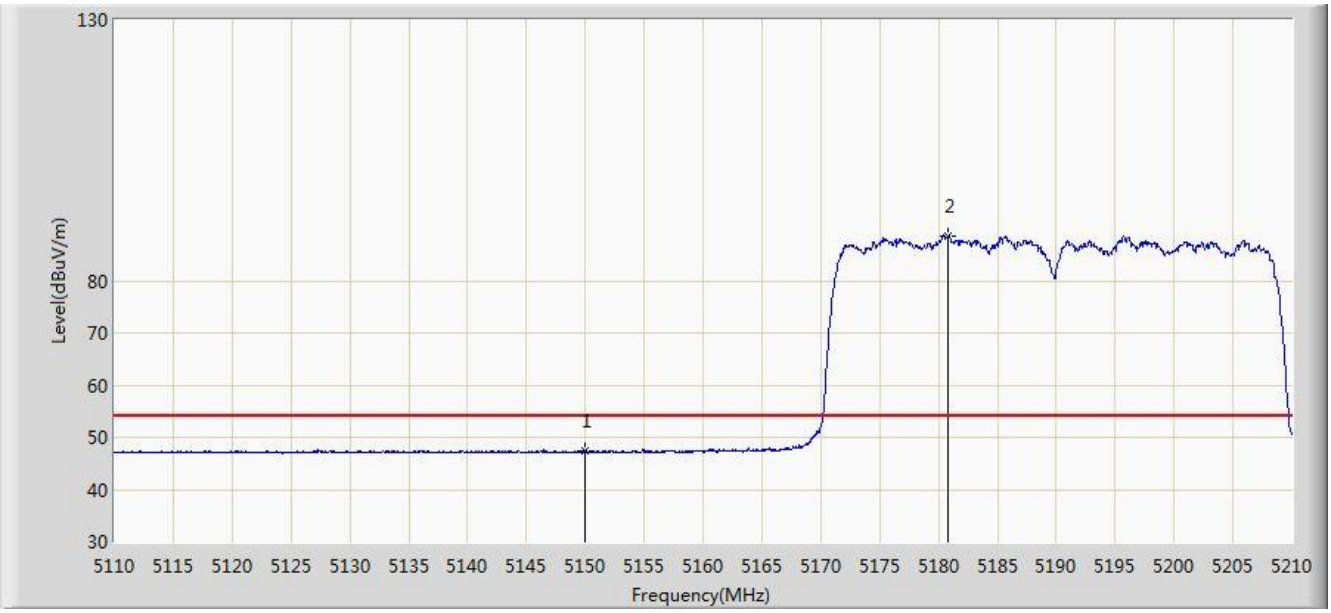



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5115.150 | 62.261 | 58.086 | -11.739 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 60.427 | 56.258 | -13.573 | 74.000 | 4.170 | PK |
| 3 | | * | 5174.650 | 98.937 | 94.849 | N/A | N/A | 4.088 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:41 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5190MHz | |

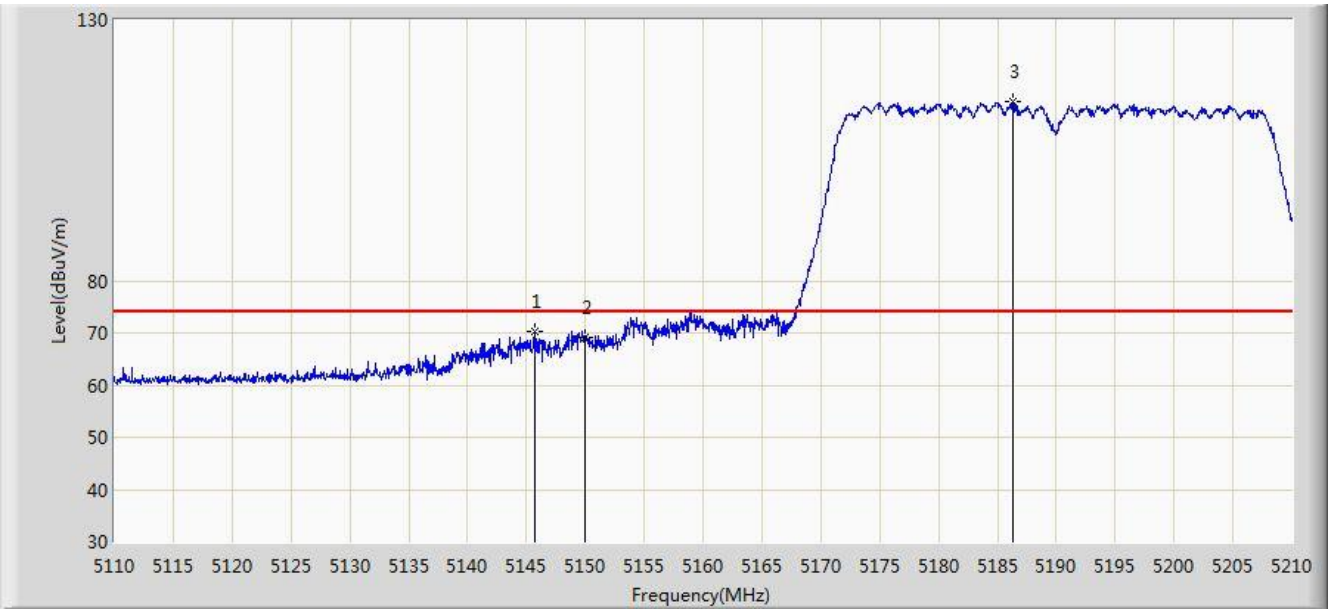



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 47.448 | 43.279 | -6.552 | 54.000 | 4.170 | AV |
| 2 | | * | 5180.850 | 88.593 | 84.527 | N/A | N/A | 4.066 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:39 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5190MHz | |

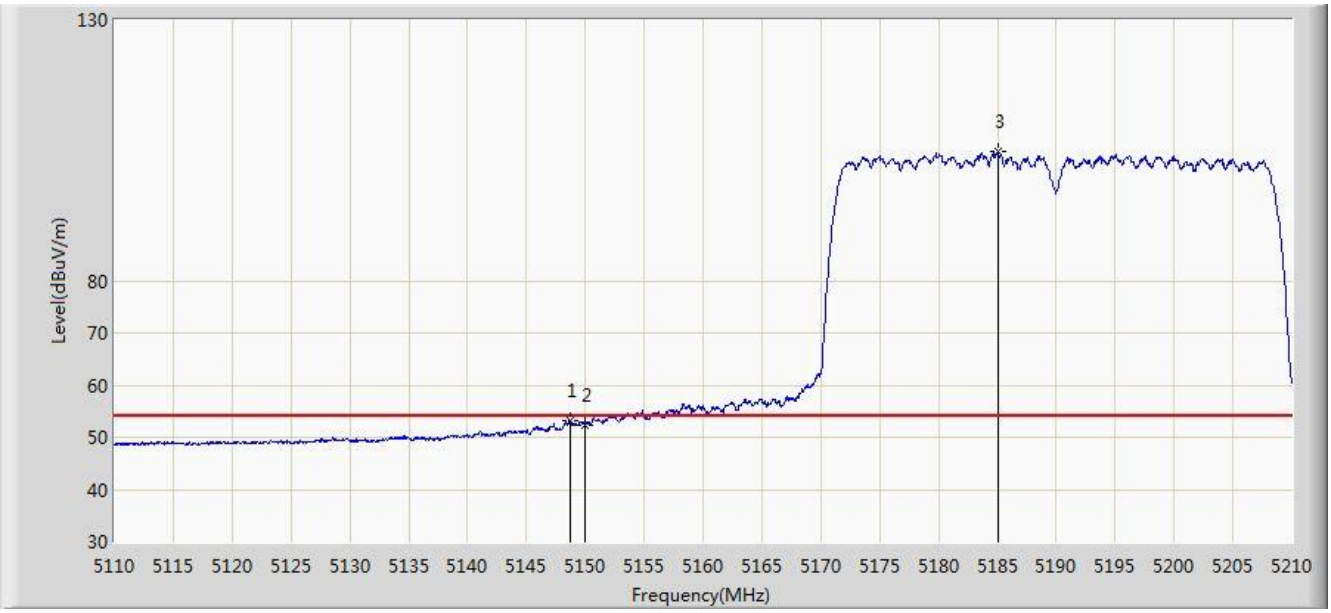



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5145.700 | 70.236 | 66.060 | -3.764 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 69.036 | 64.867 | -4.964 | 74.000 | 4.170 | PK |
| 3 | | * | 5186.350 | 114.390 | 110.344 | N/A | N/A | 4.046 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:38 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5190MHz | |

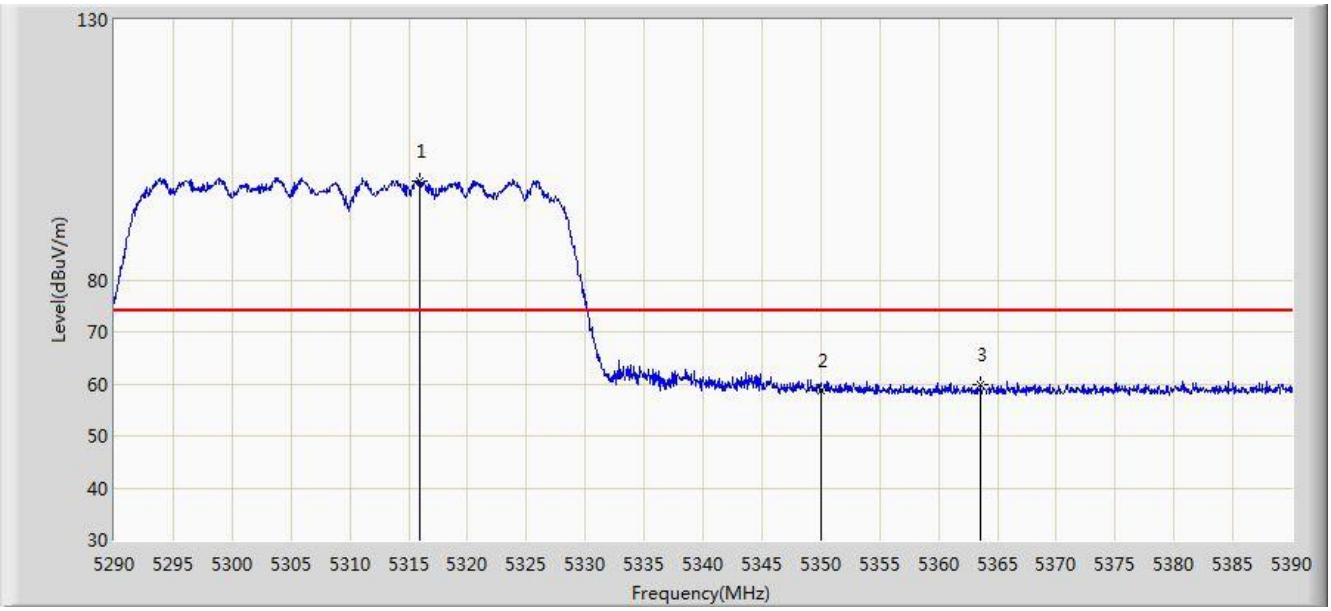



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5148.700 | 53.179 | 49.006 | -0.821 | 54.000 | 4.174 | AV |
| 2 | | | 5150.000 | 52.376 | 48.207 | -1.624 | 54.000 | 4.170 | AV |
| 3 | | * | 5185.000 | 104.703 | 100.652 | N/A | N/A | 4.052 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:50 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5310MHz | |

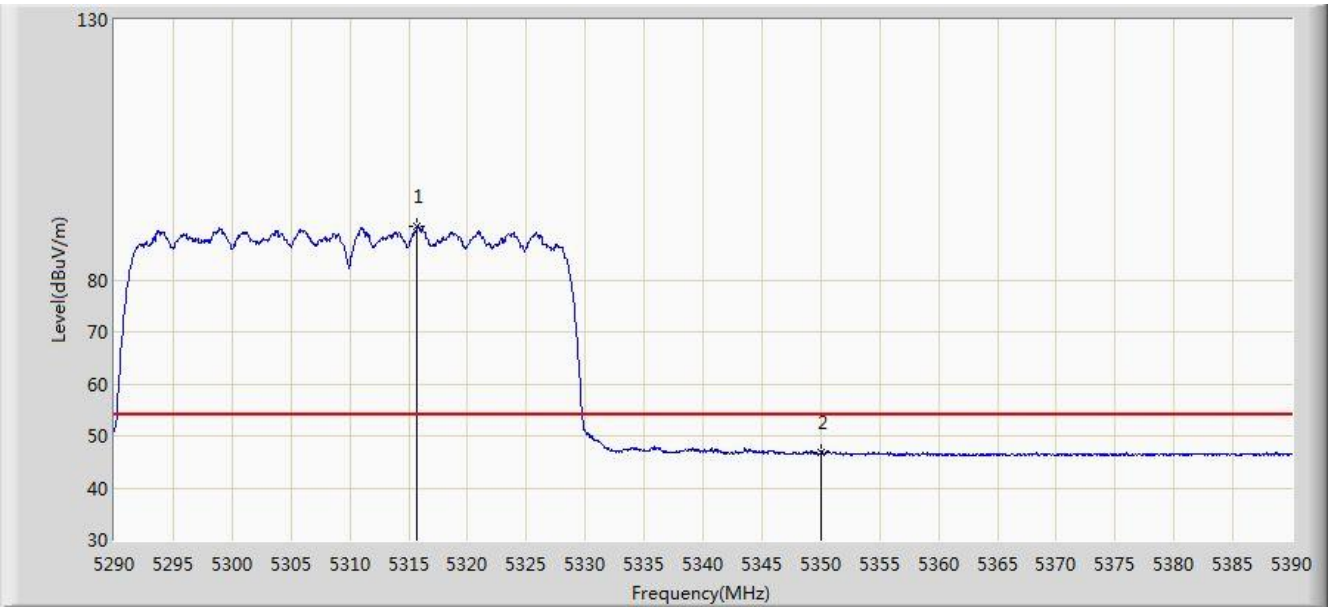



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5315.950 | 99.109 | 95.268 | N/A | N/A | 3.840 | PK |
| 2 | | | 5350.000 | 58.804 | 54.899 | -15.196 | 74.000 | 3.904 | PK |
| 3 | | | 5363.550 | 59.989 | 56.060 | -14.011 | 74.000 | 3.929 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:51 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5310MHz | |

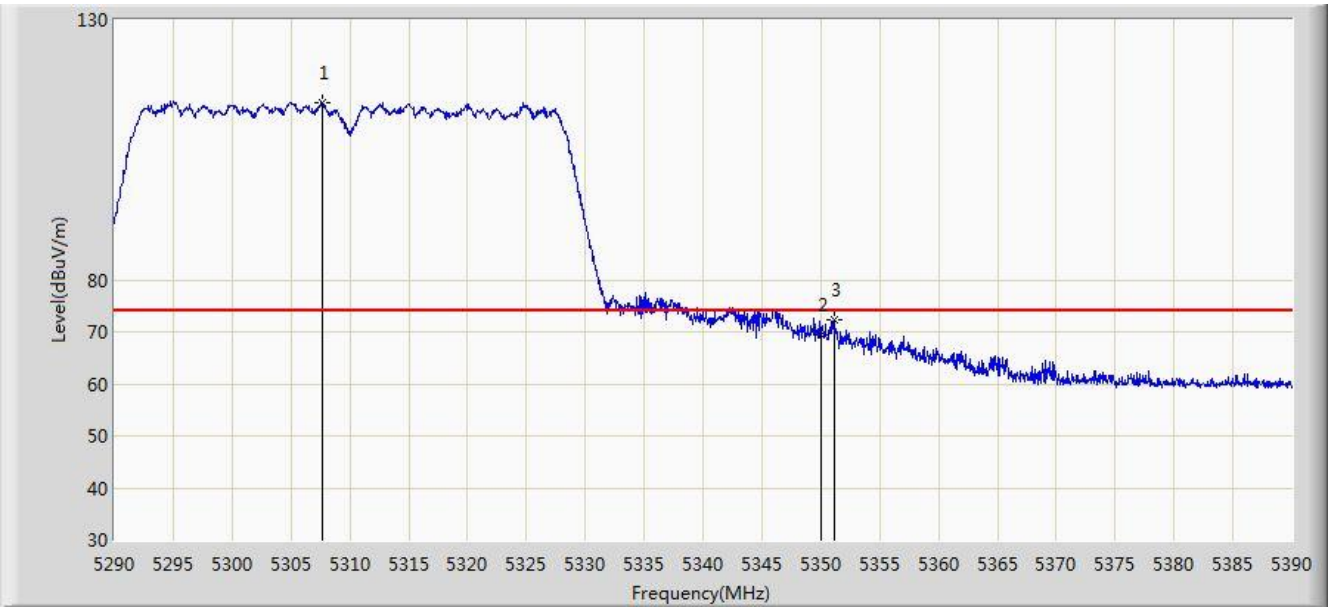



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5315.750 | 90.227 | 86.386 | N/A | N/A | 3.840 | AV |
| 2 | | | 5350.000 | 46.947 | 43.042 | -7.053 | 54.000 | 3.904 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:49 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5310MHz | |

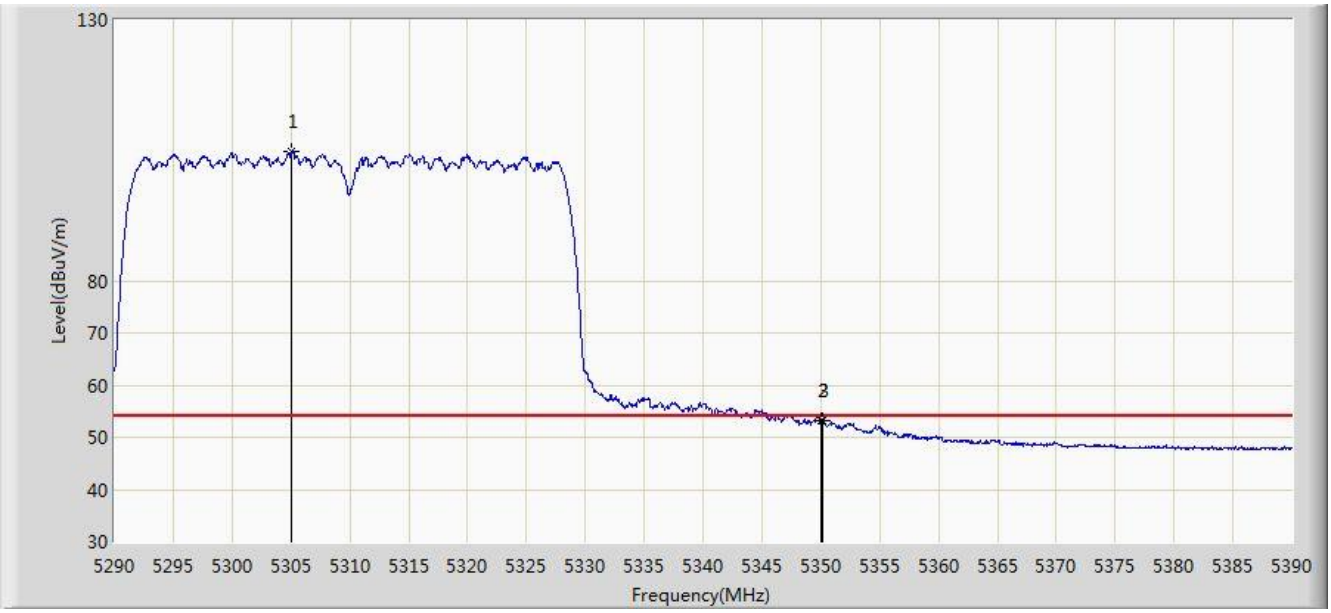



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5307.650 | 114.190 | 110.364 | N/A | N/A | 3.826 | PK |
| 2 | | | 5350.000 | 69.516 | 65.611 | -4.484 | 74.000 | 3.904 | PK |
| 3 | | | 5351.150 | 72.310 | 68.403 | -1.690 | 74.000 | 3.906 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:47 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5310MHz | |

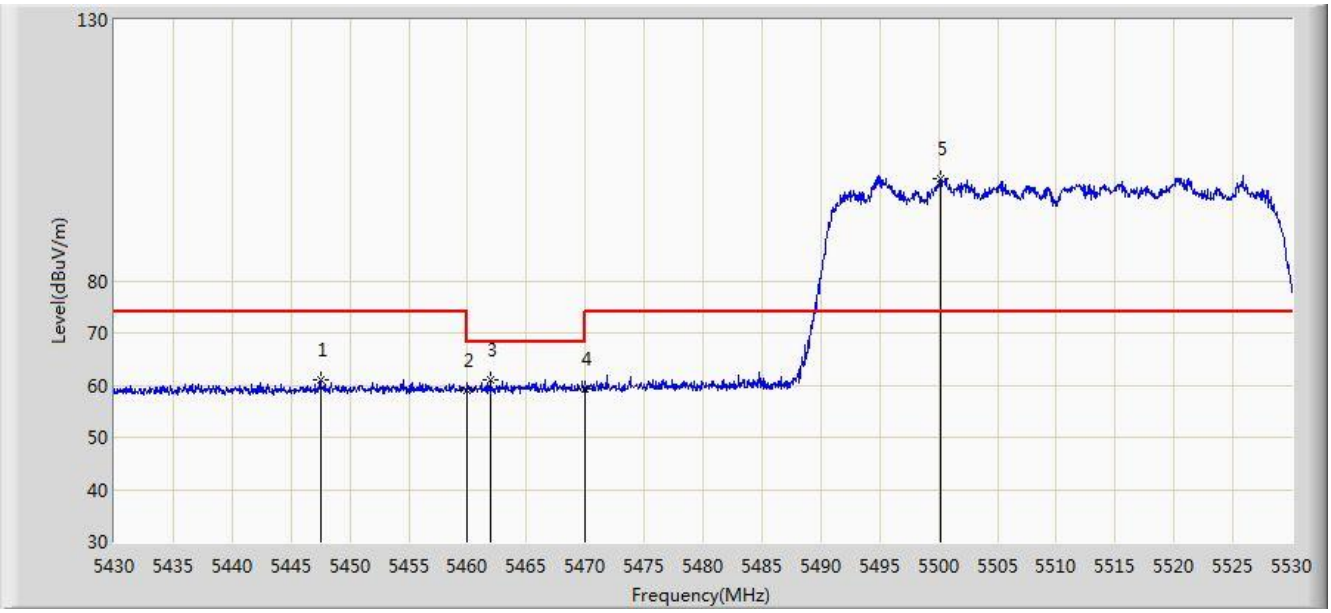



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5305.050 | 104.743 | 100.922 | N/A | N/A | 3.821 | AV |
| 2 | | | 5350.000 | 53.104 | 49.199 | -0.896 | 54.000 | 3.904 | AV |
| 3 | | | 5350.200 | 53.264 | 49.359 | -0.736 | 54.000 | 3.905 | AV |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | |
|---|---|
| Site: AC1 | Time: 2018/06/22 - 04:58 |
| Limit: NCC LP0002_1GHz-40GHz | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: 510 系列存取點 | Power: AC 110V/60Hz |
| 測試模式 Transmit by 802.11ac-VHT40 at Channel 5510MHz | |




| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5447.500 | 60.983 | 56.836 | -13.017 | 74.000 | 4.148 | PK |
| 2 | | | 5460.000 | 59.042 | 54.862 | -14.958 | 74.000 | 4.180 | PK |
| 3 | | | 5461.900 | 61.126 | 56.942 | -7.074 | 68.200 | 4.185 | PK |
| 4 | | | 5470.000 | 59.165 | 54.963 | -9.035 | 68.200 | 4.202 | PK |
| 5 | | * | 5500.200 | 99.650 | 95.377 | N/A | N/A | 4.272 | PK |

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)