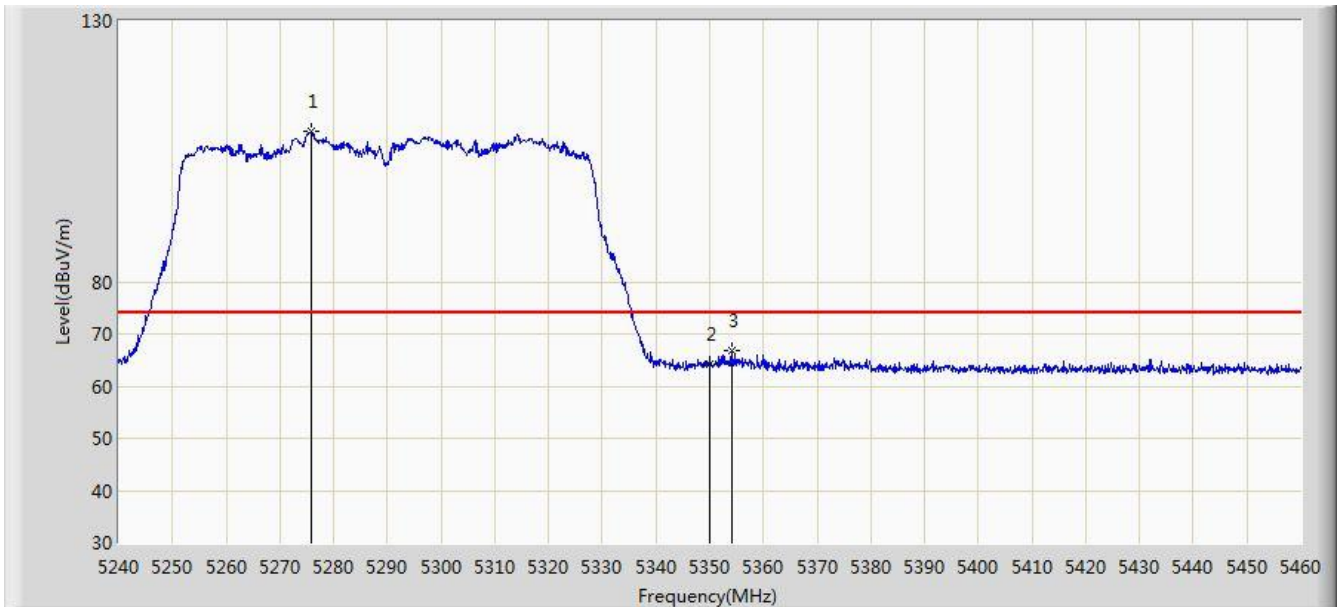| Site: AC1 | Time: 2016/12/06 - 10:40 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5690MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5272.780 | 96.232 | 57.030 | N/A | N/A | 39.202 | AV |
| 2 | | | 5350.000 | 53.031 | 13.706 | -0.969 | 54.000 | 39.324 | AV |
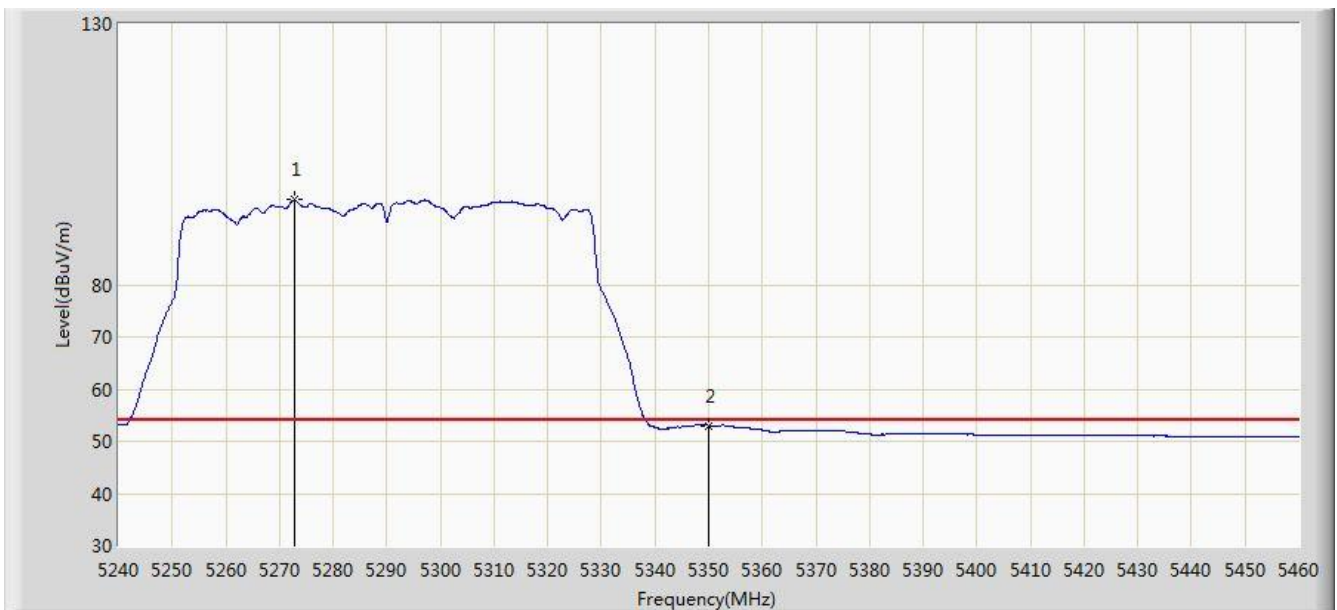
Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

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

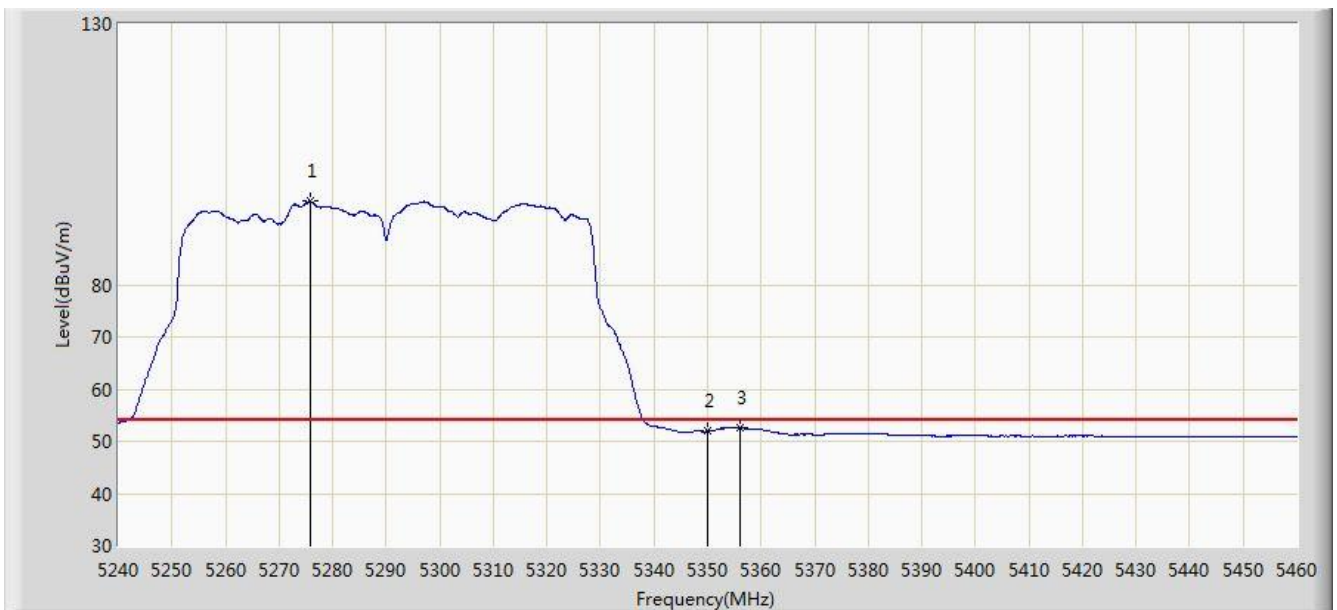| Site: AC1 | Time: 2016/12/06 - 10:54 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5275.750 | 108.862 | 69.661 | N/A | N/A | 39.200 | PK |
| 2 | | | 5350.000 | 64.332 | 25.007 | -9.668 | 74.000 | 39.324 | PK |
| 3 | | | 5354.180 | 66.734 | 27.398 | -7.266 | 74.000 | 39.336 | PK |

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

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

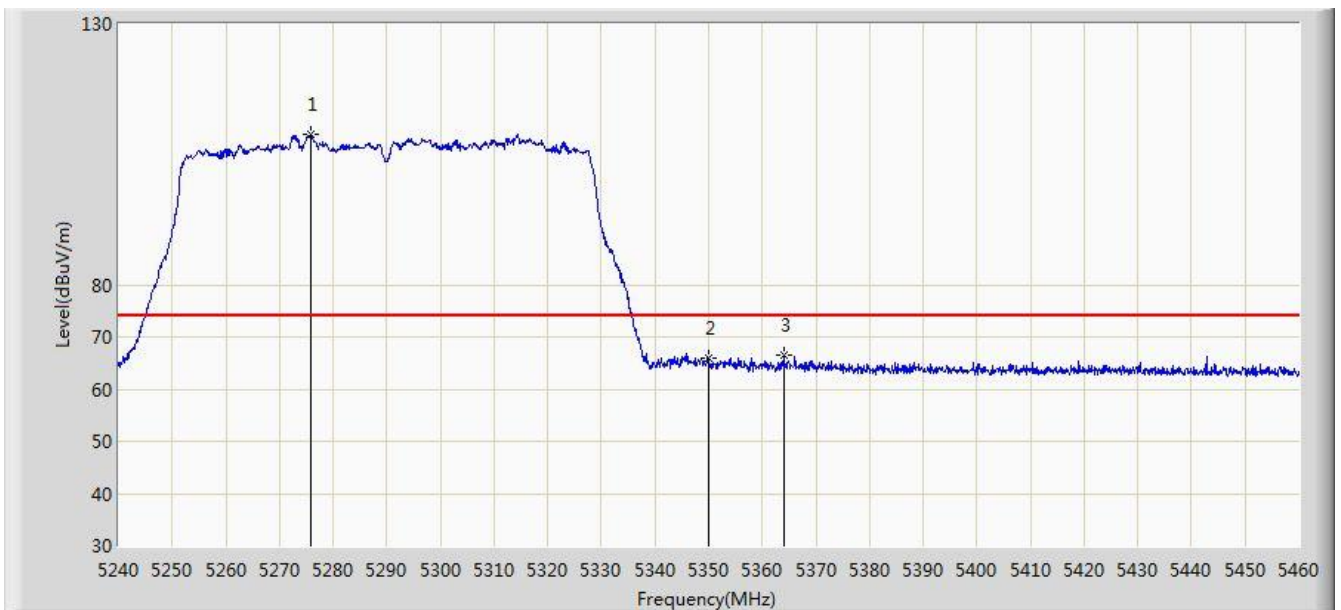| Site: AC1 | Time: 2016/12/06 - 10:55 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5275.860 | 95.965 | 56.764 | N/A | N/A | 39.201 | AV |
| 2 | | | 5350.000 | 51.936 | 12.611 | -2.064 | 54.000 | 39.324 | AV |
| 3 | | | 5356.160 | 52.537 | 13.196 | -1.463 | 54.000 | 39.340 | 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: 2016/12/06 - 10:53 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5275.860 | 108.820 | 69.619 | N/A | N/A | 39.201 | PK |
| 2 | | | 5350.000 | 65.977 | 26.652 | -8.023 | 74.000 | 39.324 | PK |
| 3 | | | 5364.080 | 66.665 | 27.304 | -7.335 | 74.000 | 39.361 | PK |

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

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

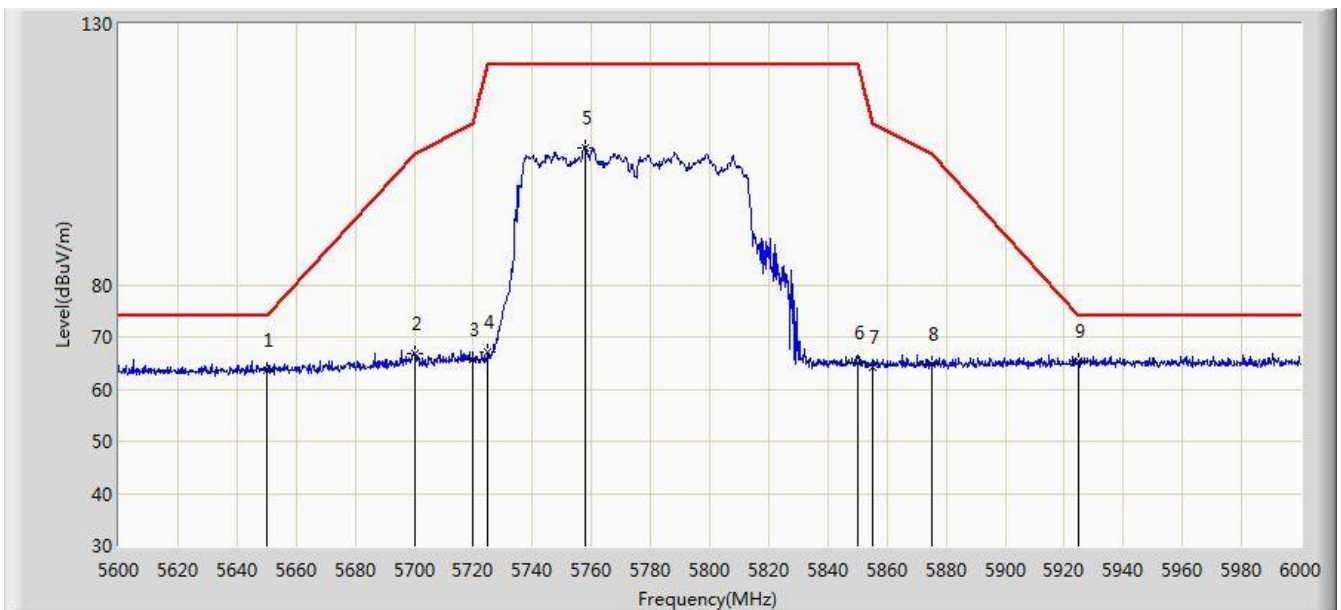| Site: AC1 | Time: 2016/12/06 - 10:51 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5275.860 | 95.826 | 56.625 | N/A | N/A | 39.201 | AV |
| 2 | | | 5350.000 | 53.045 | 13.720 | -0.955 | 54.000 | 39.324 | AV |

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

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

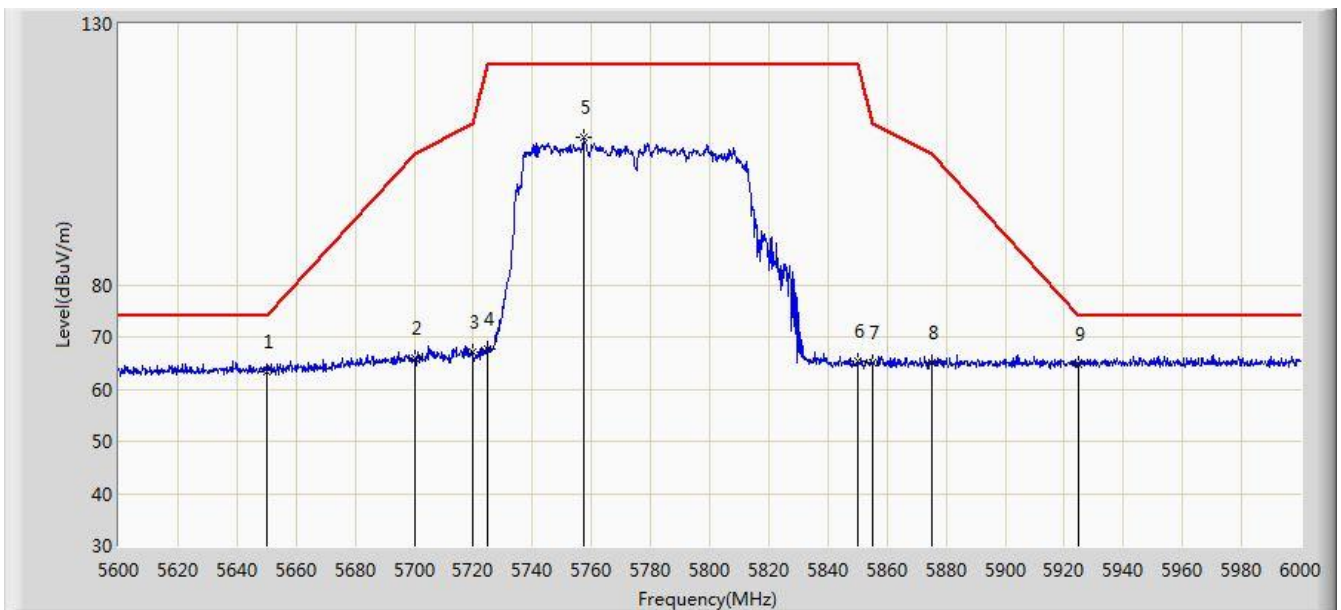| Site: AC1 | Time: 2016/12/06 - 10:57 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5650.000 | 63.630 | 23.701 | -10.370 | 74.000 | 39.929 | PK |
| 2 | | | 5700.000 | 66.844 | 26.787 | -38.356 | 105.200 | 40.057 | PK |
| 3 | | | 5720.000 | 65.596 | 25.455 | -45.204 | 110.800 | 40.141 | PK |
| 4 | | | 5725.000 | 67.048 | 26.884 | -55.152 | 122.200 | 40.164 | PK |
| 5 | | | 5757.800 | 106.308 | 66.001 | N/A | N/A | 40.307 | PK |
| 6 | | | 5850.000 | 65.018 | 24.352 | -57.182 | 122.200 | 40.666 | PK |
| 7 | | | 5855.000 | 64.210 | 23.532 | -46.590 | 110.800 | 40.678 | PK |
| 8 | | | 5875.000 | 64.780 | 24.060 | -40.420 | 105.200 | 40.720 | PK |
| 9 | | * | 5925.000 | 65.319 | 24.527 | -8.681 | 74.000 | 40.792 | PK |

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

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

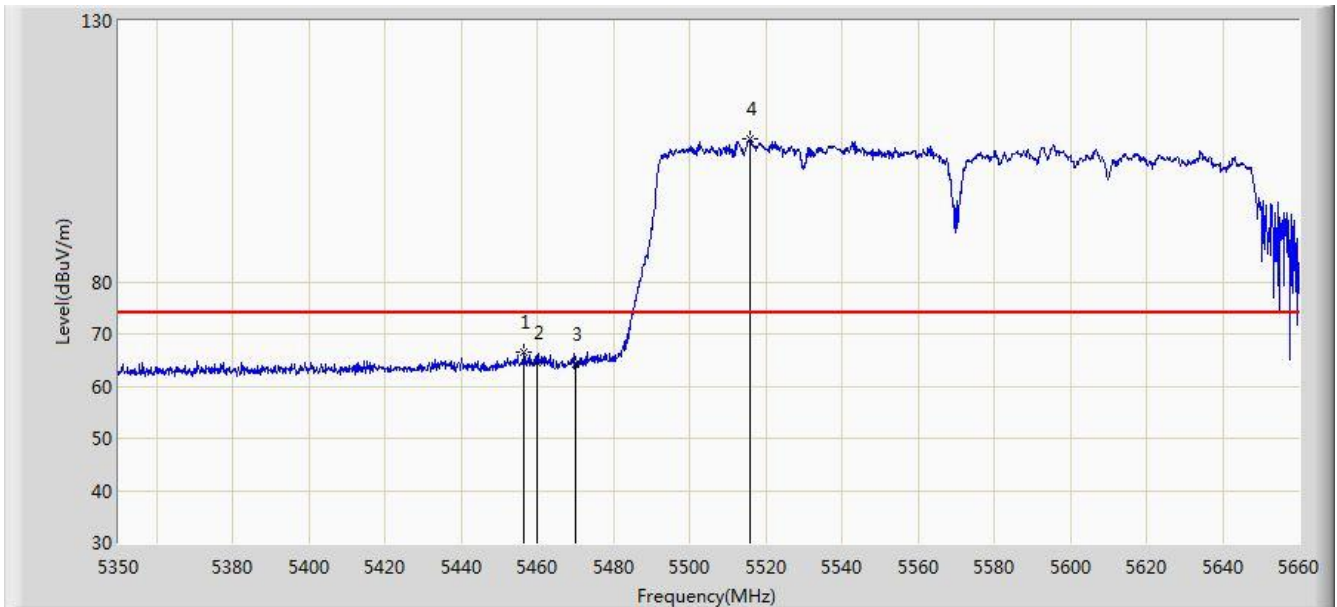| Site: AC1 | Time: 2016/12/06 - 11:00 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5650.000 | 63.333 | 23.404 | -10.667 | 74.000 | 39.929 | PK |
| 2 | | | 5700.000 | 65.824 | 25.767 | -39.376 | 105.200 | 40.057 | PK |
| 3 | | | 5720.000 | 67.143 | 27.002 | -43.657 | 110.800 | 40.141 | PK |
| 4 | | | 5725.000 | 67.741 | 27.577 | -54.459 | 122.200 | 40.164 | PK |
| 5 | | | 5757.600 | 108.166 | 67.860 | N/A | N/A | 40.306 | PK |
| 6 | | | 5850.000 | 65.349 | 24.683 | -56.851 | 122.200 | 40.666 | PK |
| 7 | | | 5855.000 | 65.136 | 24.458 | -45.664 | 110.800 | 40.678 | PK |
| 8 | | | 5875.000 | 65.146 | 24.426 | -40.054 | 105.200 | 40.720 | PK |
| 9 | | * | 5925.000 | 64.836 | 24.044 | -9.164 | 74.000 | 40.792 | PK |

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

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

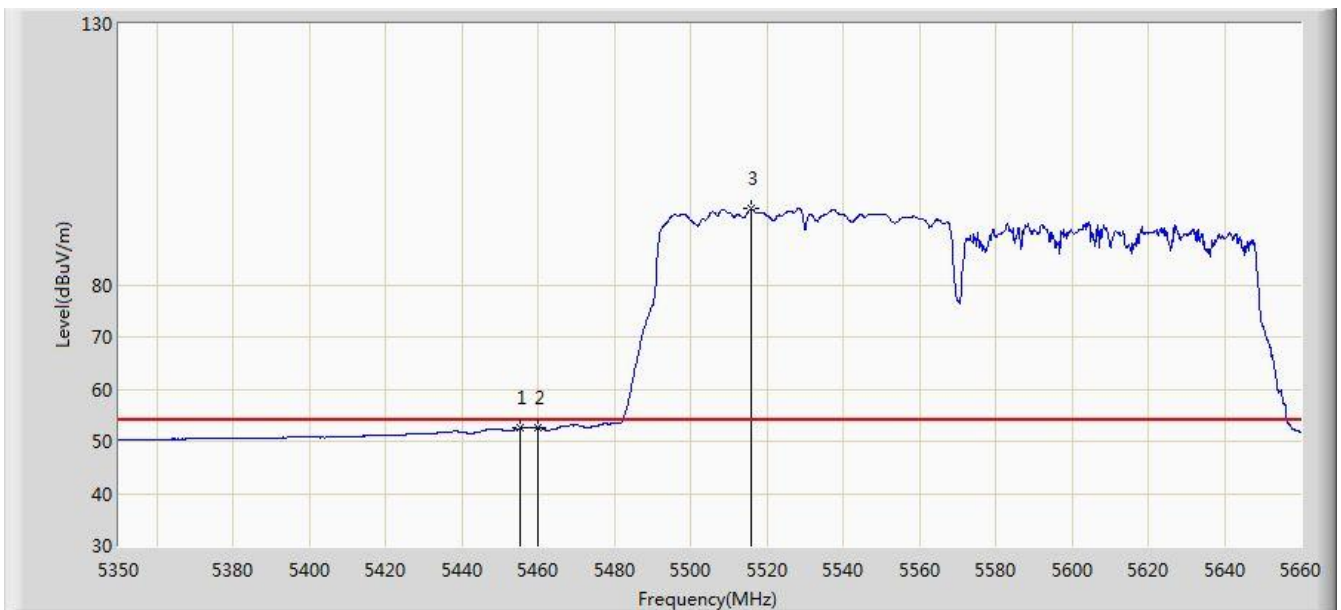| Site: AC1 | Time: 2016/12/06 - 11:14 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5610MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5456.485 | 66.654 | 27.024 | -7.346 | 74.000 | 39.629 | PK |
| 2 | | | 5460.000 | 64.549 | 24.913 | -9.451 | 74.000 | 39.636 | PK |
| 3 | | | 5470.000 | 64.183 | 24.529 | -9.817 | 74.000 | 39.654 | PK |
| 4 | | * | 5515.695 | 107.250 | 67.511 | N/A | N/A | 39.739 | PK |

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

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

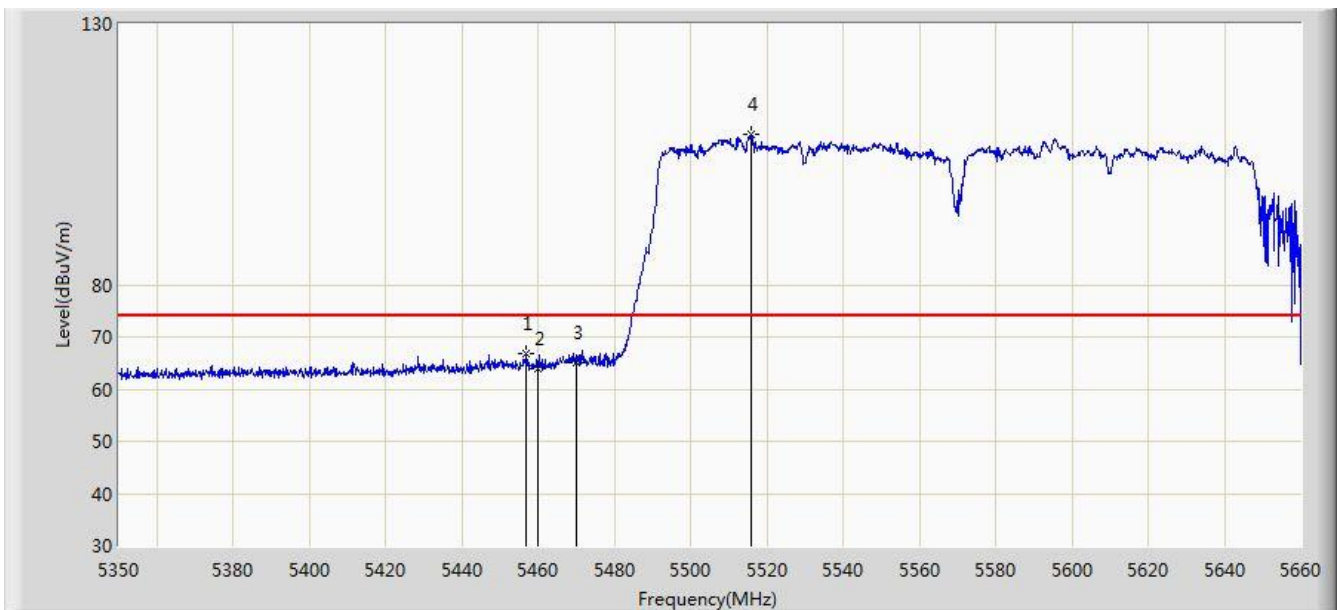| Site: AC1 | Time: 2016/12/06 - 11:15 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5610MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5455.400 | 52.535 | 12.907 | -1.465 | 54.000 | 39.627 | AV |
| 2 | | | 5460.000 | 52.510 | 12.874 | -1.490 | 54.000 | 39.636 | AV |
| 3 | | * | 5515.695 | 94.493 | 54.754 | N/A | N/A | 39.739 | AV |

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

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

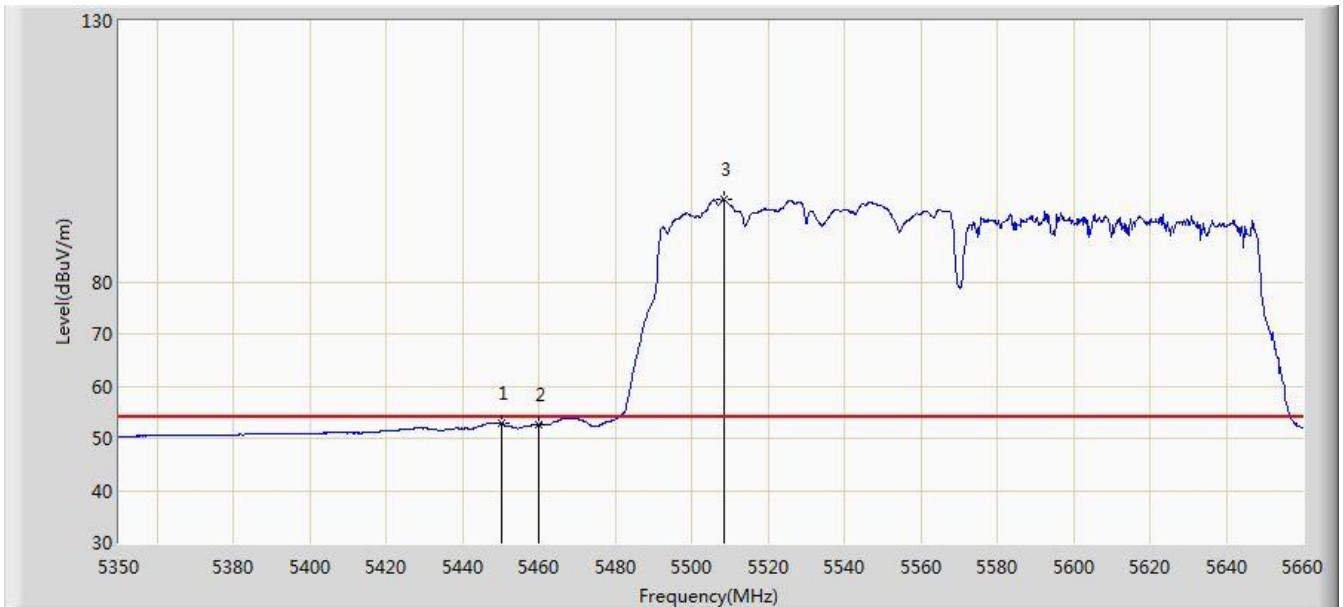| Site: AC1 | Time: 2016/12/06 - 11:13 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5610MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5456.950 | 66.908 | 27.278 | -7.092 | 74.000 | 39.630 | PK |
| 2 | | | 5460.000 | 63.960 | 24.324 | -10.040 | 74.000 | 39.636 | PK |
| 3 | | | 5470.000 | 64.935 | 25.281 | -9.065 | 74.000 | 39.654 | PK |
| 4 | | * | 5515.695 | 108.938 | 69.199 | N/A | N/A | 39.739 | PK |

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

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

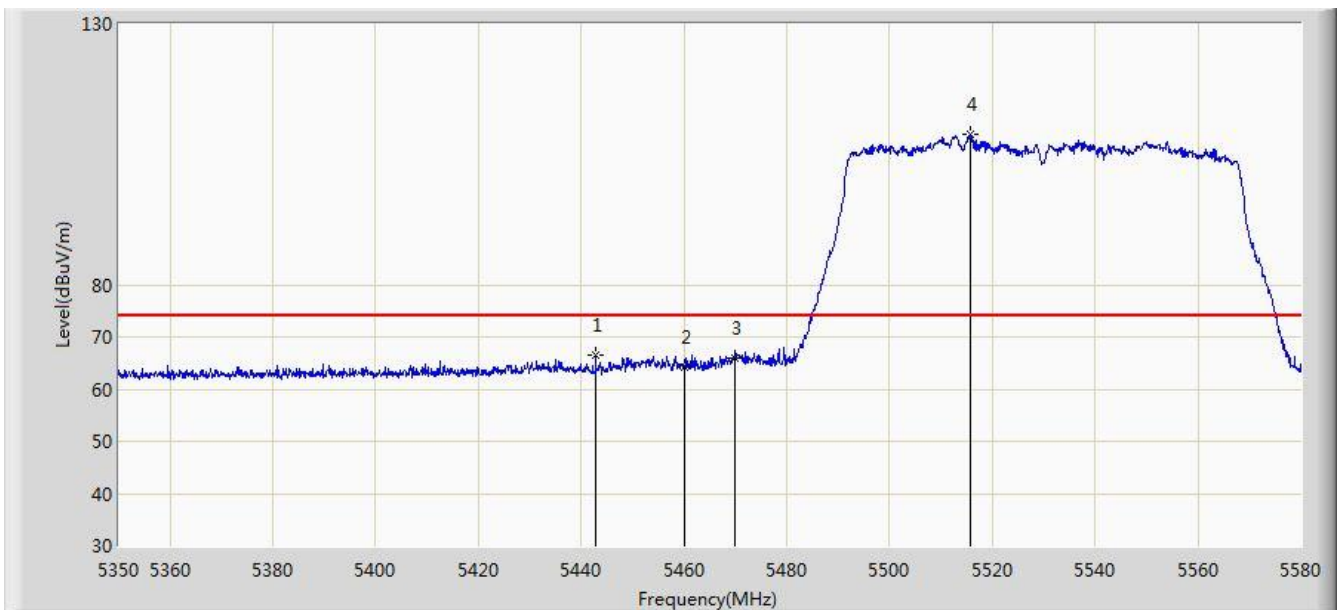| Site: AC1 | Time: 2016/12/06 - 11:11 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5610MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5450.130 | 52.952 | 13.338 | -1.048 | 54.000 | 39.614 | AV |
| 2 | | | 5460.000 | 52.697 | 13.061 | -1.303 | 54.000 | 39.636 | AV |
| 3 | | * | 5508.410 | 95.689 | 55.963 | N/A | N/A | 39.725 | AV |

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

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

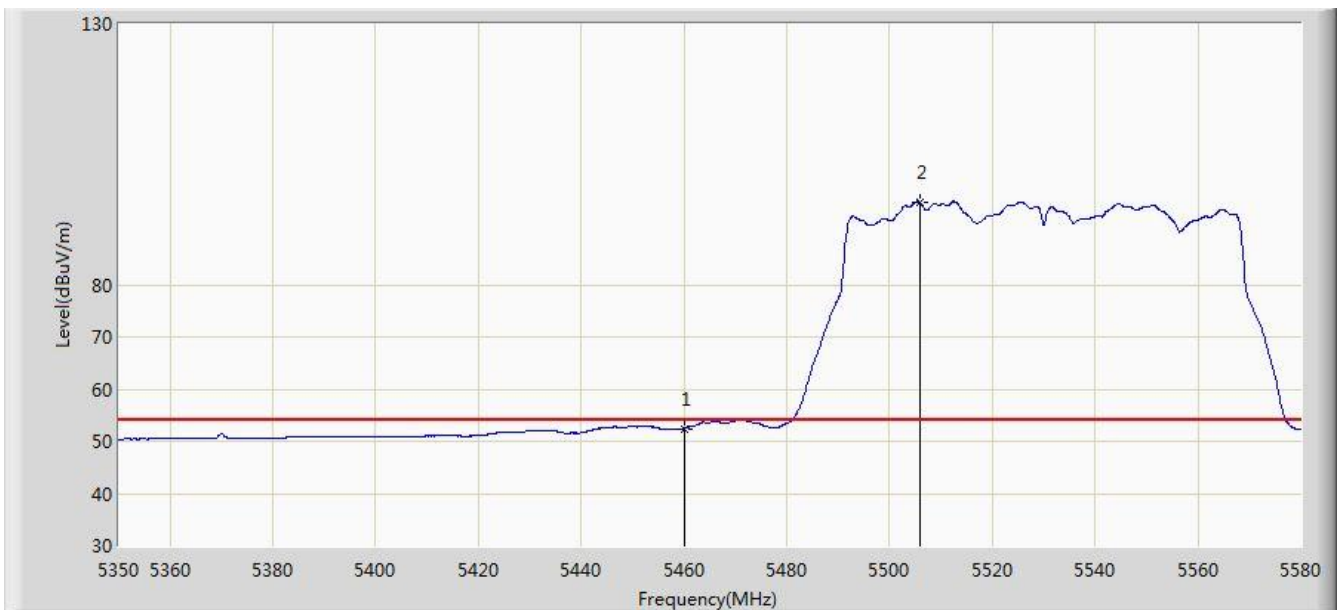| Site: AC1 | Time: 2016/12/06 - 12:01 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5690MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5442.805 | 66.552 | 26.959 | -7.448 | 74.000 | 39.593 | PK |
| 2 | | | 5460.000 | 64.297 | 24.661 | -9.703 | 74.000 | 39.636 | PK |
| 3 | | | 5470.000 | 65.929 | 26.275 | -8.071 | 74.000 | 39.654 | PK |
| 4 | | * | 5515.830 | 108.907 | 69.168 | N/A | N/A | 39.740 | PK |

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

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

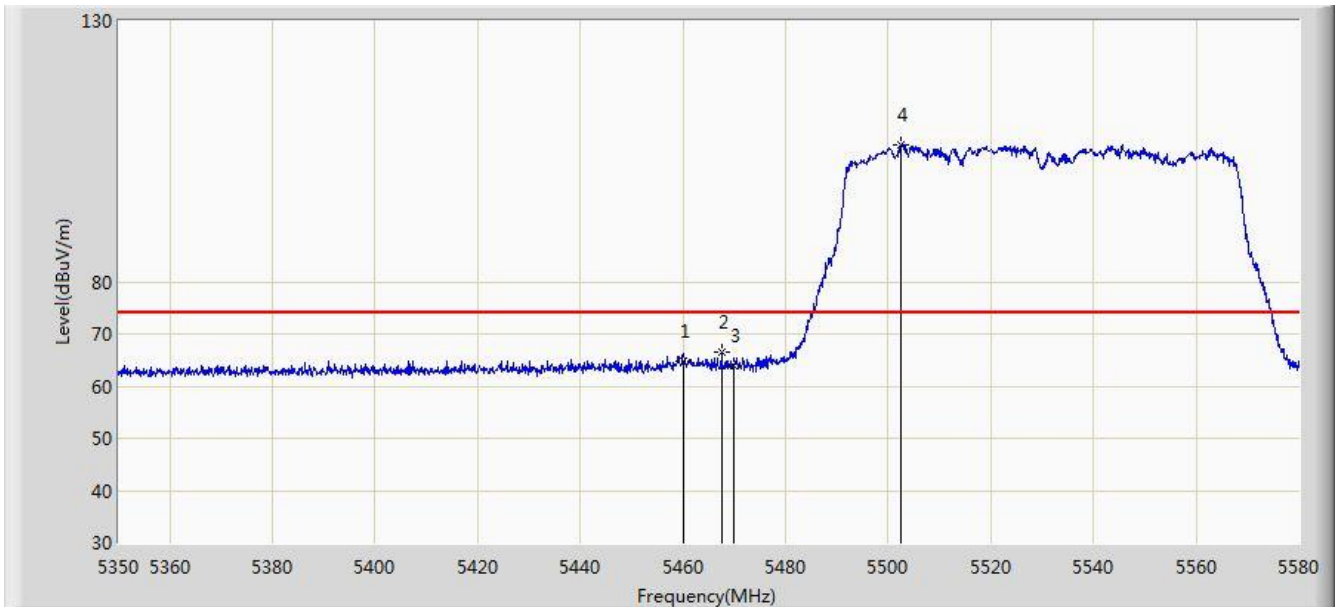| Site: AC1 | Time: 2016/12/06 - 11:59 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5690MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 52.442 | 12.806 | -1.558 | 54.000 | 39.636 | AV |
| 2 | | * | 5505.825 | 95.813 | 56.092 | N/A | N/A | 39.721 | AV |

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

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

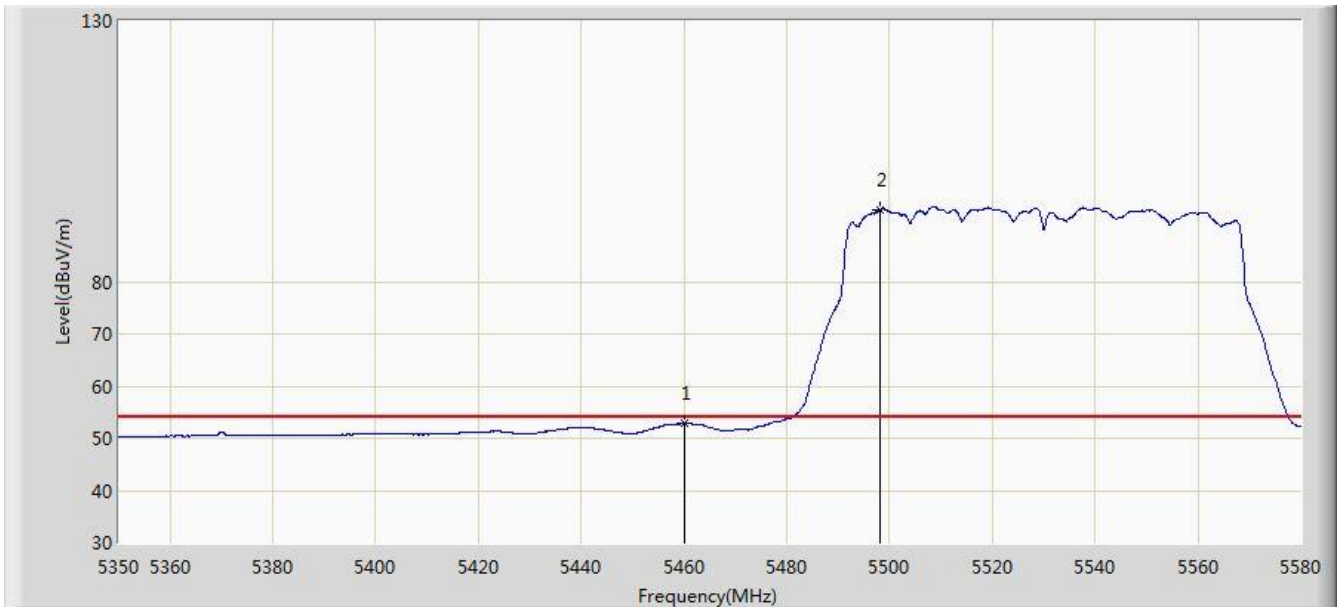| Site: AC1 | Time: 2016/12/06 - 12:03 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5690MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 64.681 | 25.045 | -9.319 | 74.000 | 39.636 | PK |
| 2 | | | 5467.530 | 66.452 | 26.802 | -7.548 | 74.000 | 39.650 | PK |
| 3 | | | 5470.000 | 63.891 | 24.237 | -10.109 | 74.000 | 39.654 | PK |
| 4 | | * | 5502.490 | 106.247 | 66.532 | N/A | N/A | 39.714 | PK |

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

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

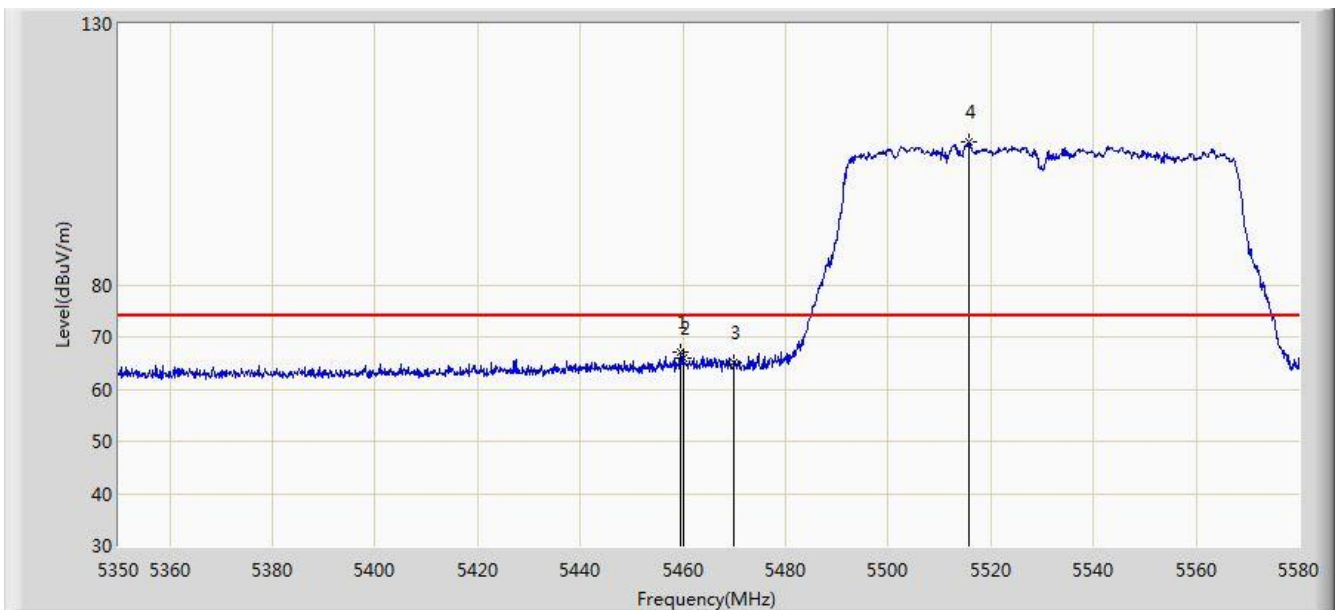| Site: AC1 | Time: 2016/12/06 - 12:03 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5690MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 52.836 | 13.200 | -1.164 | 54.000 | 39.636 | AV |
| 2 | | * | 5498.235 | 93.822 | 54.115 | N/A | N/A | 39.707 | AV |

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

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

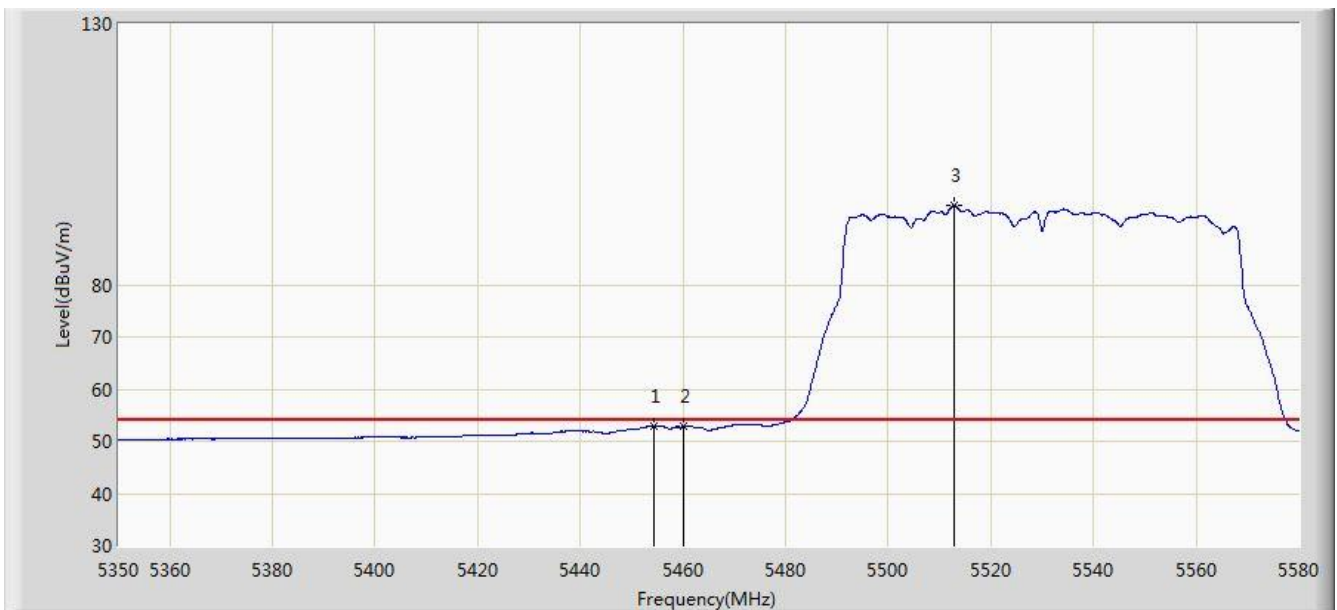| Site: AC1 | Time: 2016/12/06 - 13:27 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5459.480 | 67.242 | 27.607 | -6.758 | 74.000 | 39.635 | PK |
| 2 | | | 5460.000 | 65.823 | 26.187 | -8.177 | 74.000 | 39.636 | PK |
| 3 | | | 5470.000 | 65.095 | 25.441 | -8.905 | 74.000 | 39.654 | PK |
| 4 | | * | 5515.600 | 107.331 | 67.592 | N/A | N/A | 39.739 | 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: 2016/12/06 - 13:30 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5454.305 | 52.863 | 13.237 | -1.137 | 54.000 | 39.625 | AV |
| 2 | | | 5460.000 | 52.822 | 13.186 | -1.178 | 54.000 | 39.636 | AV |
| 3 | | * | 5512.955 | 95.149 | 55.415 | N/A | N/A | 39.734 | AV |

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

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

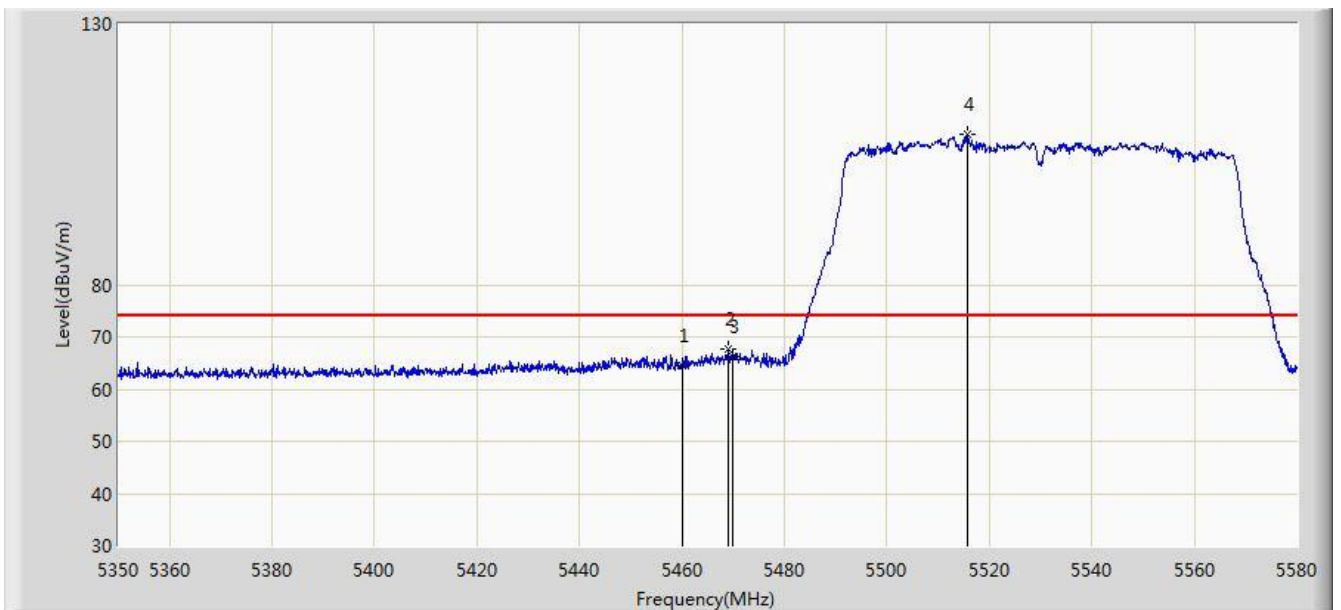| Site: AC1 | Time: 2016/12/06 - 13:26 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5460.000 | 64.527 | 24.891 | -9.473 | 74.000 | 39.636 | PK |
| 2 | | | 5469.140 | 67.596 | 27.943 | -6.404 | 74.000 | 39.653 | PK |
| 3 | | | 5470.000 | 66.264 | 26.610 | -7.736 | 74.000 | 39.654 | PK |
| 4 | | * | 5515.830 | 108.769 | 69.030 | N/A | N/A | 39.740 | PK |

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

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

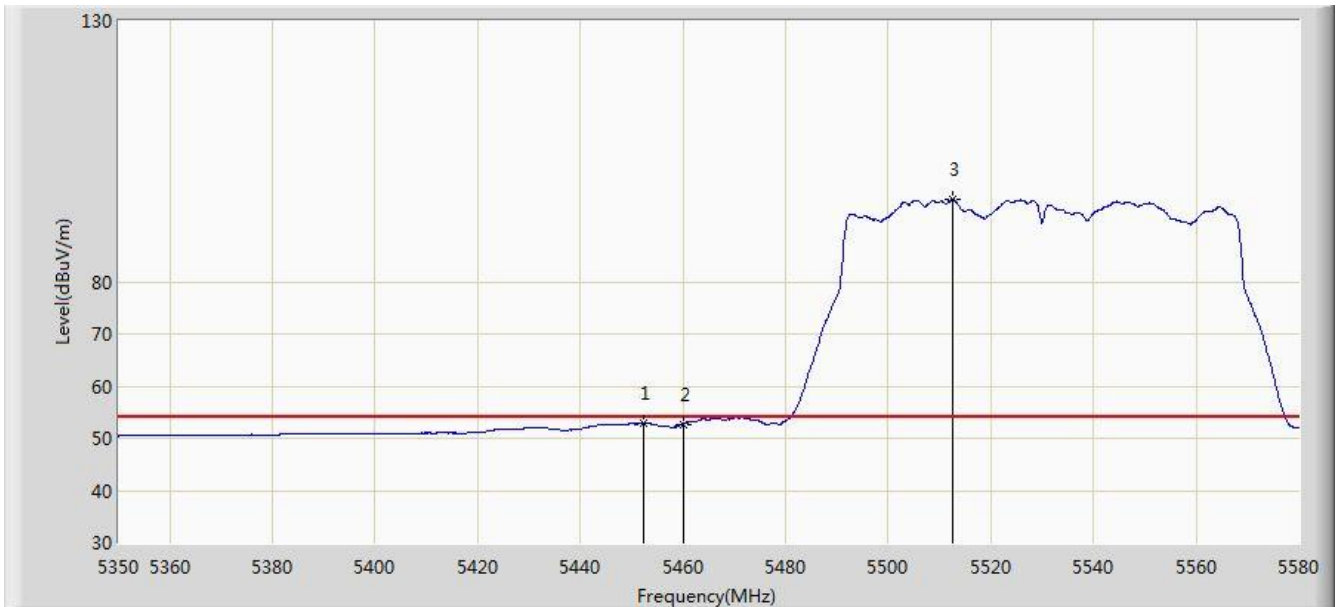| | |
|---|---|
| Site: AC1 | Time: 2016/12/06 - 13:23 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5452.235 | 52.873 | 13.253 | -1.127 | 54.000 | 39.620 | AV |
| 2 | | | 5460.000 | 52.730 | 13.094 | -1.270 | 54.000 | 39.636 | AV |
| 3 | | * | 5512.610 | 95.762 | 56.029 | N/A | N/A | 39.734 | AV |

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

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

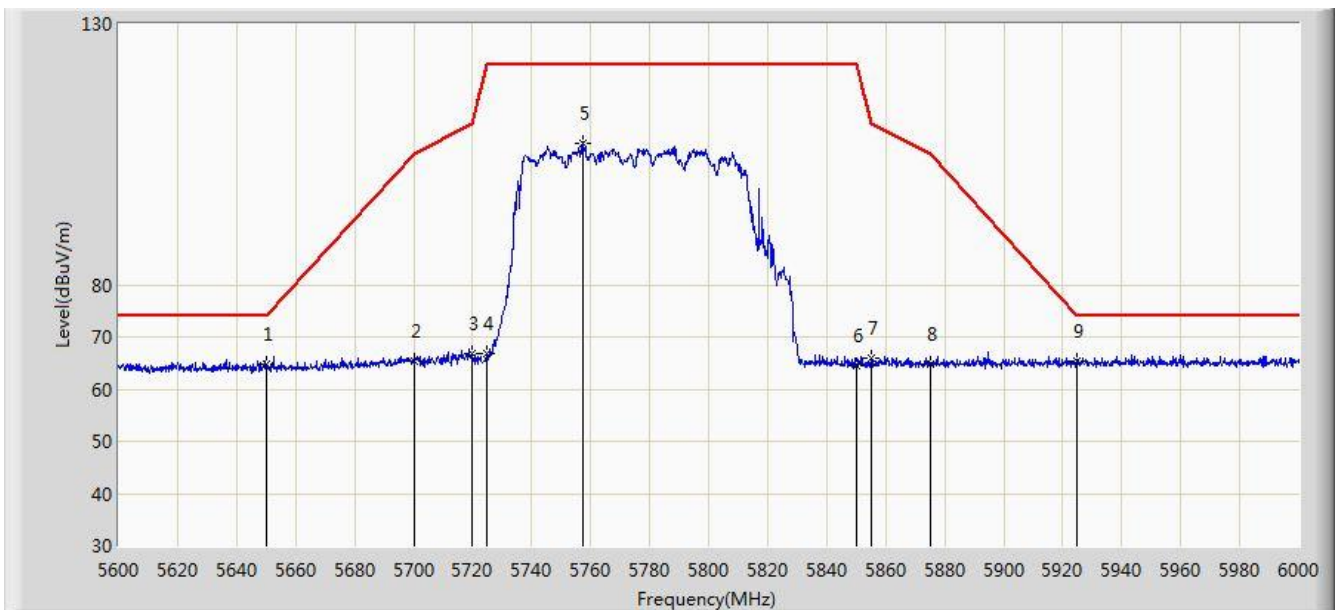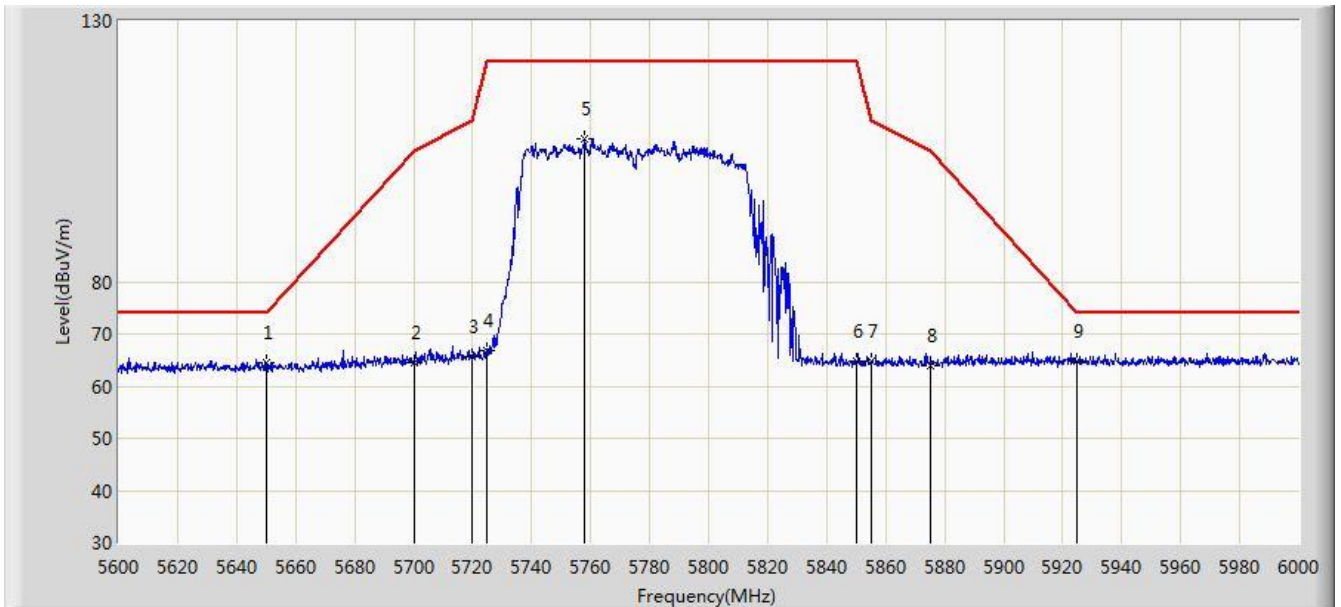| Site: AC1 | Time: 2016/12/06 - 13:33 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5650.000 | 64.774 | 24.845 | -9.226 | 74.000 | 39.929 | PK |
| 2 | | | 5700.000 | 65.296 | 25.239 | -39.904 | 105.200 | 40.057 | PK |
| 3 | | | 5720.000 | 66.680 | 26.539 | -44.120 | 110.800 | 40.141 | PK |
| 4 | | | 5725.000 | 66.732 | 26.568 | -55.468 | 122.200 | 40.164 | PK |
| 5 | | | 5757.200 | 107.225 | 66.920 | N/A | N/A | 40.305 | PK |
| 6 | | | 5850.000 | 64.616 | 23.950 | -57.584 | 122.200 | 40.666 | PK |
| 7 | | | 5855.000 | 65.891 | 25.213 | -44.909 | 110.800 | 40.678 | PK |
| 8 | | | 5875.000 | 64.701 | 23.981 | -40.499 | 105.200 | 40.720 | PK |
| 9 | | * | 5925.000 | 65.419 | 24.627 | -8.581 | 74.000 | 40.792 | PK |

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

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

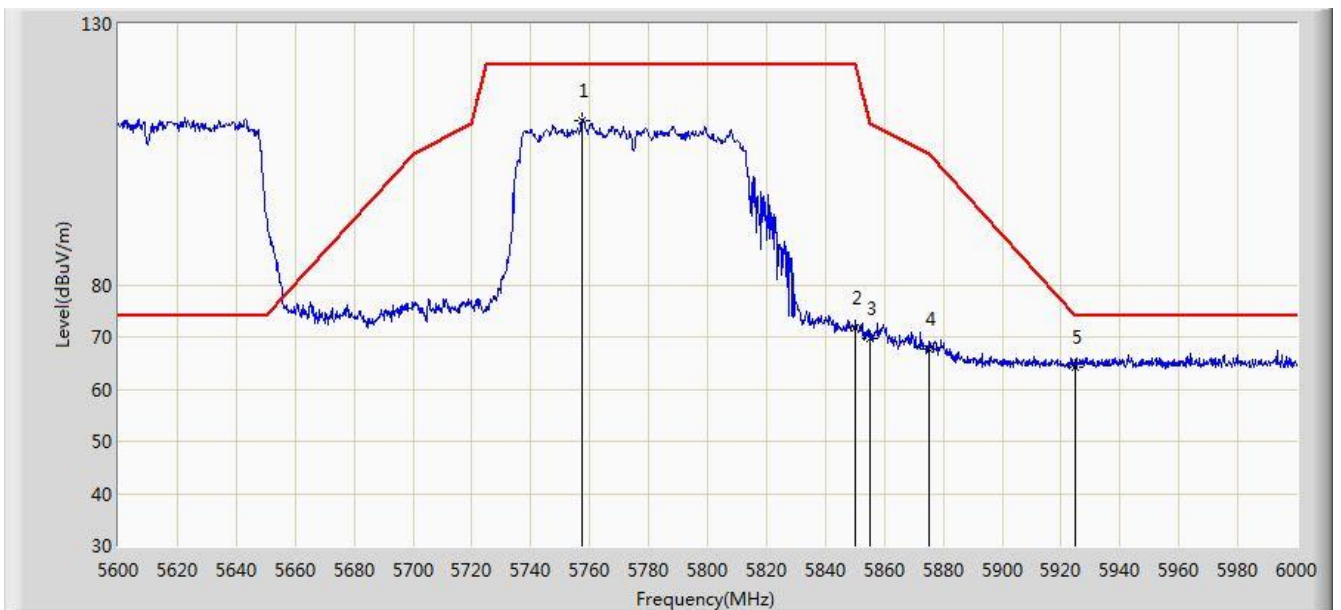| Site: AC1 | Time: 2016/12/06 - 13:36 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5650.000 | 64.518 | 24.589 | -9.482 | 74.000 | 39.929 | PK |
| 2 | | | 5700.000 | 64.581 | 24.524 | -40.619 | 105.200 | 40.057 | PK |
| 3 | | | 5720.000 | 65.782 | 25.641 | -45.018 | 110.800 | 40.141 | PK |
| 4 | | | 5725.000 | 66.936 | 26.772 | -55.264 | 122.200 | 40.164 | PK |
| 5 | | | 5758.000 | 107.414 | 67.106 | N/A | N/A | 40.308 | PK |
| 6 | | | 5850.000 | 64.912 | 24.246 | -57.288 | 122.200 | 40.666 | PK |
| 7 | | | 5855.000 | 64.640 | 23.962 | -46.160 | 110.800 | 40.678 | PK |
| 8 | | | 5875.000 | 63.910 | 23.190 | -41.290 | 105.200 | 40.720 | PK |
| 9 | | * | 5925.000 | 64.812 | 24.020 | -9.188 | 74.000 | 40.792 | PK |

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

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

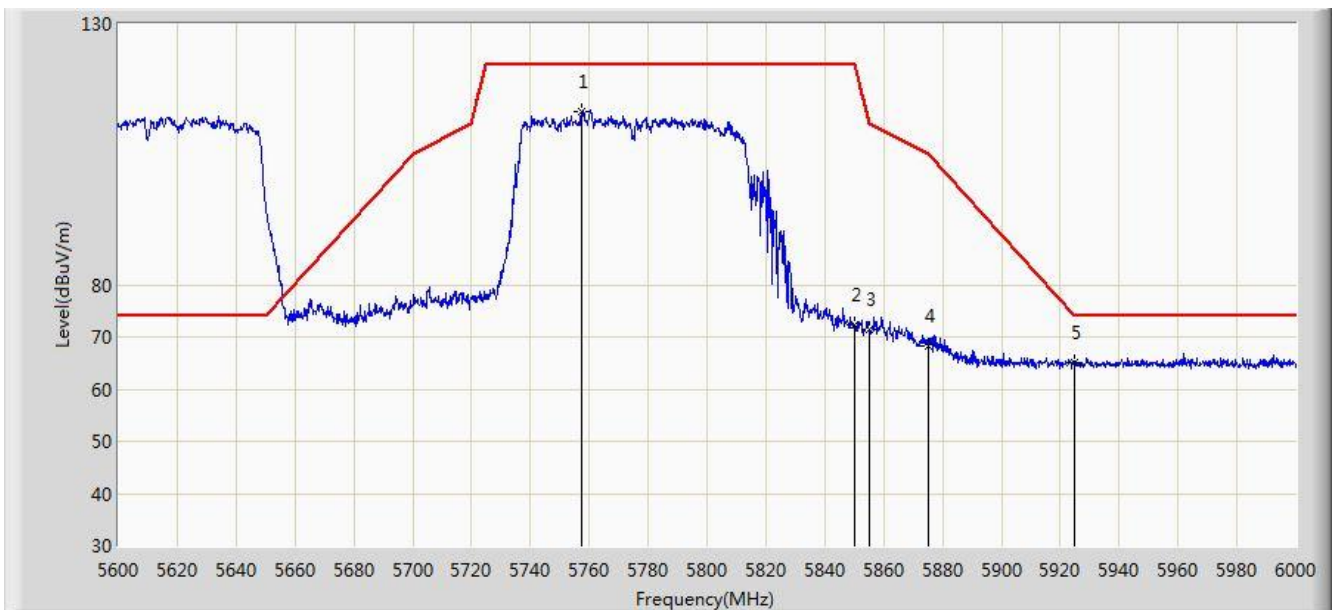| | |
|---|---|
| Site: AC1 | Time: 2016/12/06 - 13:39 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5610MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBµV/m) | Reading Level (dBµV) | Margin (dB) | Limit (dBµV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5757.400 | 111.592 | 71.287 | N/A | N/A | 40.306 | PK |
| 2 | | | 5850.000 | 71.872 | 31.206 | -50.328 | 122.200 | 40.666 | PK |
| 3 | | | 5855.000 | 69.829 | 29.151 | -40.971 | 110.800 | 40.678 | PK |
| 4 | | | 5875.000 | 67.696 | 26.976 | -37.504 | 105.200 | 40.720 | PK |
| 5 | | * | 5925.000 | 64.165 | 23.373 | -9.835 | 74.000 | 40.792 | PK |

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

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

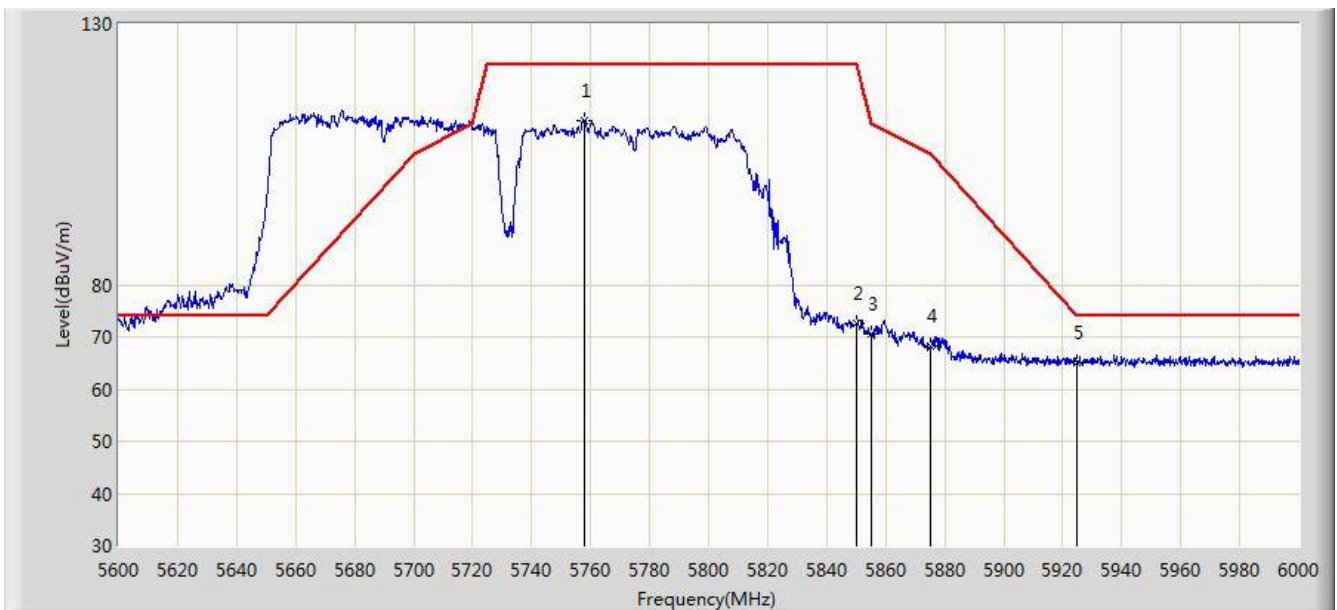| Site: AC1 | Time: 2016/12/06 - 13:41 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5610MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5757.600 | 113.194 | 72.888 | N/A | N/A | 40.306 | PK |
| 2 | | | 5850.000 | 72.229 | 31.563 | -49.971 | 122.200 | 40.666 | PK |
| 3 | | | 5855.000 | 71.593 | 30.915 | -39.207 | 110.800 | 40.678 | PK |
| 4 | | | 5875.000 | 68.192 | 27.472 | -37.008 | 105.200 | 40.720 | PK |
| 5 | | | 5925.000 | 64.949 | 24.157 | -9.051 | 74.000 | 40.792 | PK |

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

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

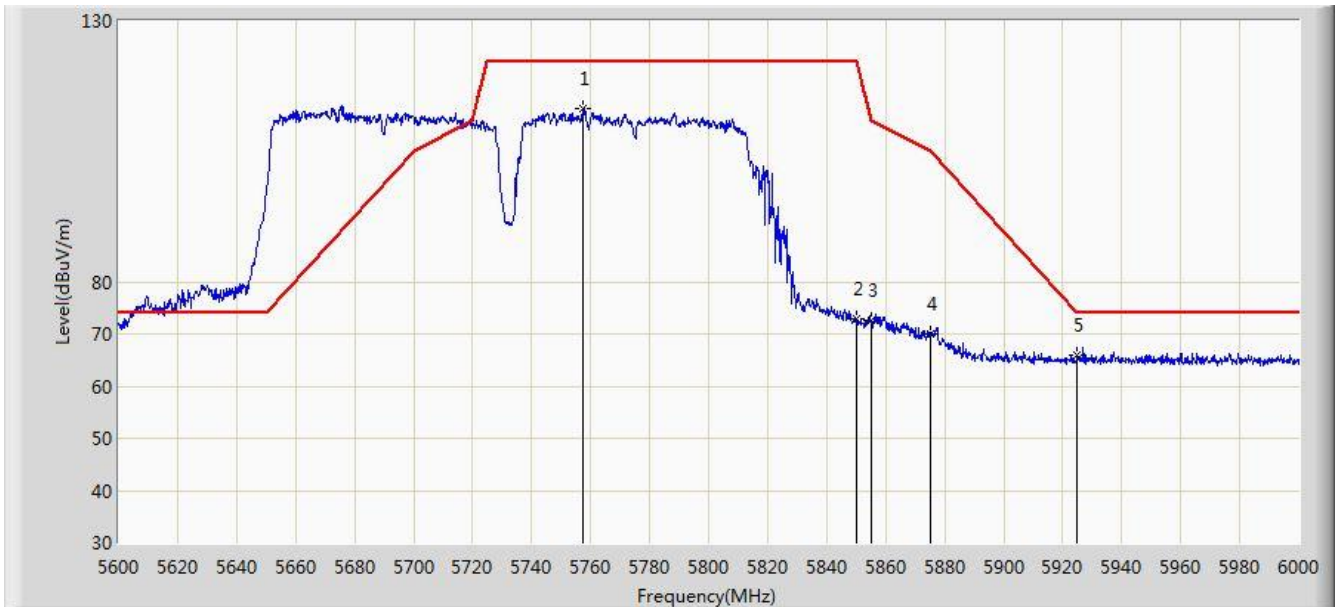| Site: AC1 | Time: 2016/12/06 - 13:43 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5610MHz+5775MHz Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5757.800 | 111.590 | 71.283 | N/A | N/A | 40.307 | PK |
| 2 | | | 5850.000 | 72.479 | 31.813 | -49.721 | 122.200 | 40.666 | PK |
| 3 | | | 5855.000 | 70.505 | 29.827 | -40.295 | 110.800 | 40.678 | PK |
| 4 | | | 5875.000 | 68.120 | 27.400 | -37.080 | 105.200 | 40.720 | PK |
| 5 | | * | 5925.000 | 65.100 | 24.308 | -8.900 | 74.000 | 40.792 | 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: 2016/12/06 - 13:45 |
|---|---|
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ker |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: Wi-Fi AP 4x4 OD ext. antenna US | Power: AC 120V/60Hz |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5610MHz+5775MHz, Ant 0 + 1 + 2 + 3 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5757.400 | 113.091 | 72.786 | N/A | N/A | 40.306 | PK |
| 2 | | | 5850.000 | 72.865 | 32.199 | -49.335 | 122.200 | 40.666 | PK |
| 3 | | | 5855.000 | 72.573 | 31.895 | -38.227 | 110.800 | 40.678 | PK |
| 4 | | | 5875.000 | 70.032 | 29.312 | -35.168 | 105.200 | 40.720 | PK |
| 5 | | * | 5925.000 | 65.928 | 25.136 | -8.072 | 74.000 | 40.792 | PK |

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

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

———————— The End ————————