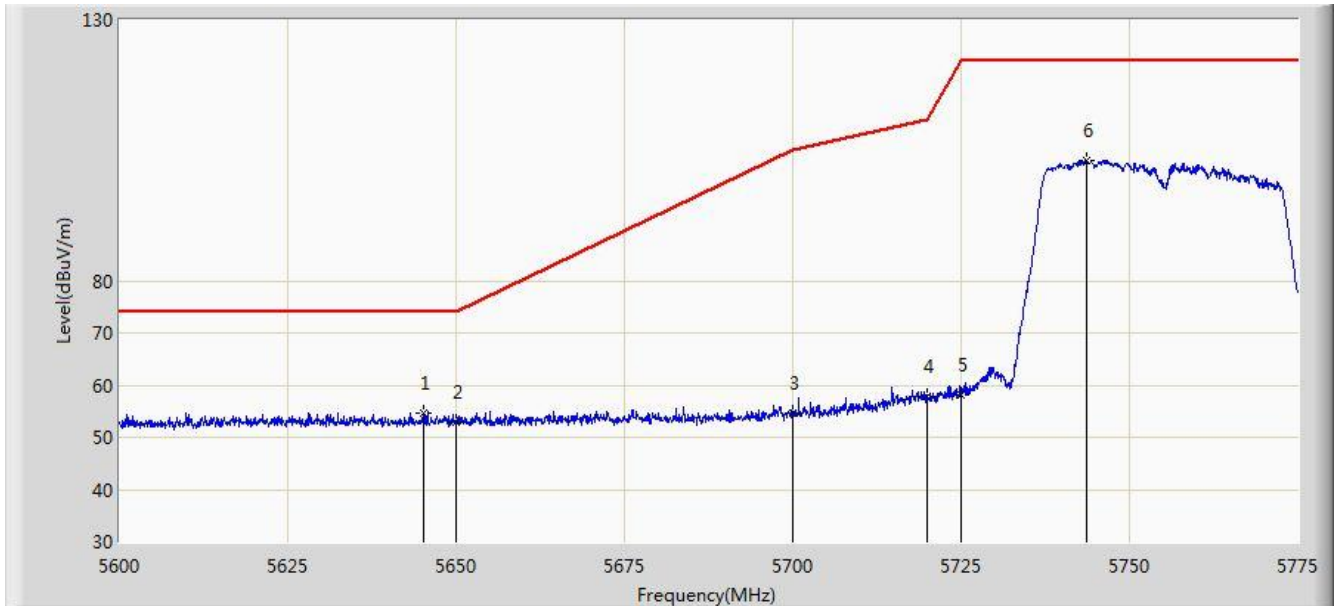


| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:52 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2 | |

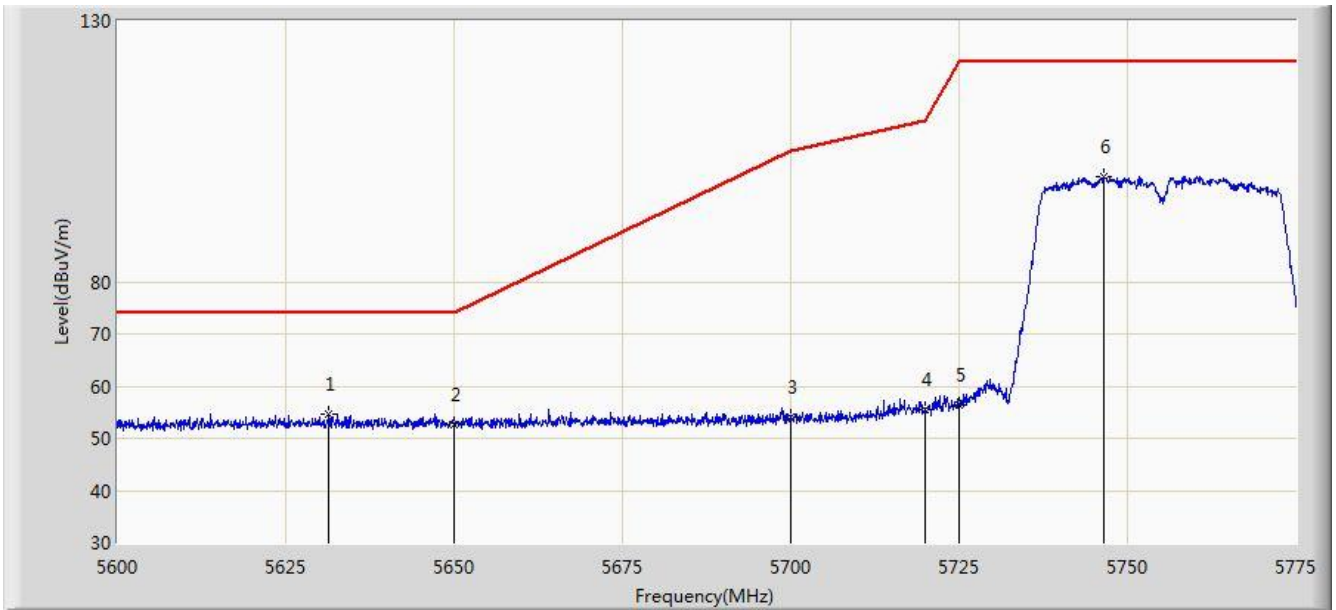


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5645.150 | 54.759 | 50.104 | -19.241 | 74.000 | 4.654 | PK |
| 2 | | | 5650.000 | 52.974 | 48.303 | -21.026 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.655 | 49.777 | -50.545 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 57.854 | 52.857 | -52.946 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 58.176 | 53.147 | -64.024 | 122.200 | 5.029 | PK |
| 6 | | * | 5743.587 | 102.991 | 97.844 | N/A | N/A | 5.147 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:53 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2 | |

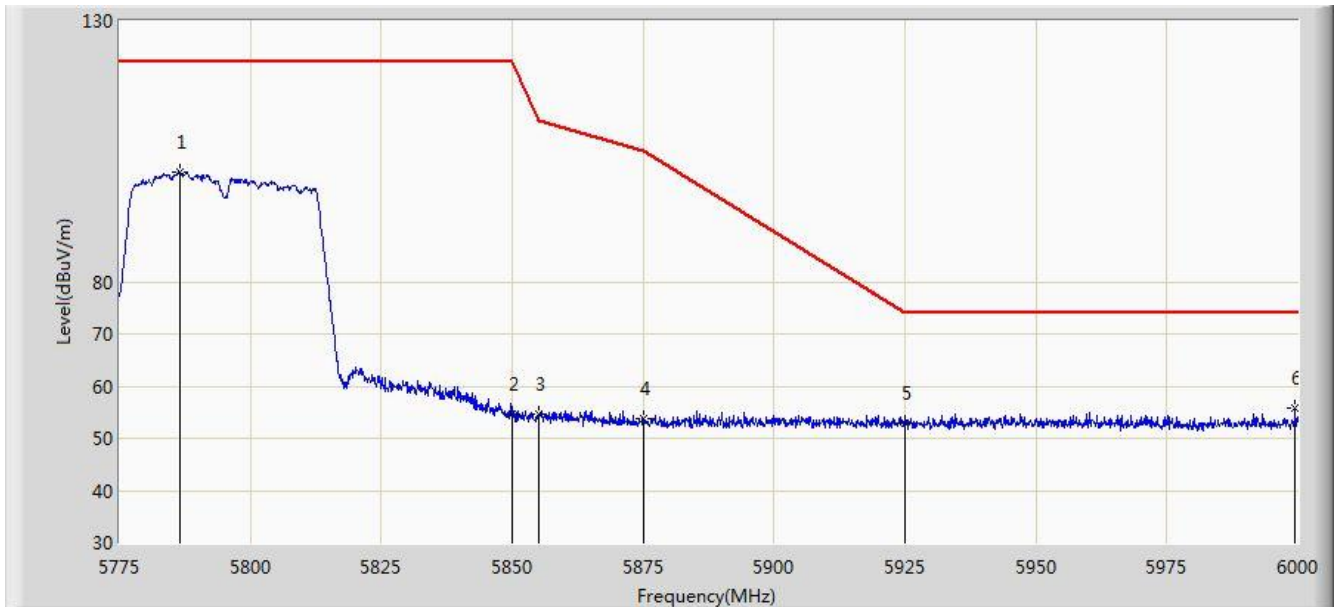


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5631.413 | 54.695 | 50.082 | -19.305 | 74.000 | 4.613 | PK |
| 2 | | | 5650.000 | 52.525 | 47.854 | -21.475 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.187 | 49.309 | -51.013 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 55.527 | 50.530 | -55.273 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 56.445 | 51.416 | -65.755 | 122.200 | 5.029 | PK |
| 6 | | | 5746.388 | 100.174 | 95.011 | N/A | N/A | 5.163 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:54 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2 | |

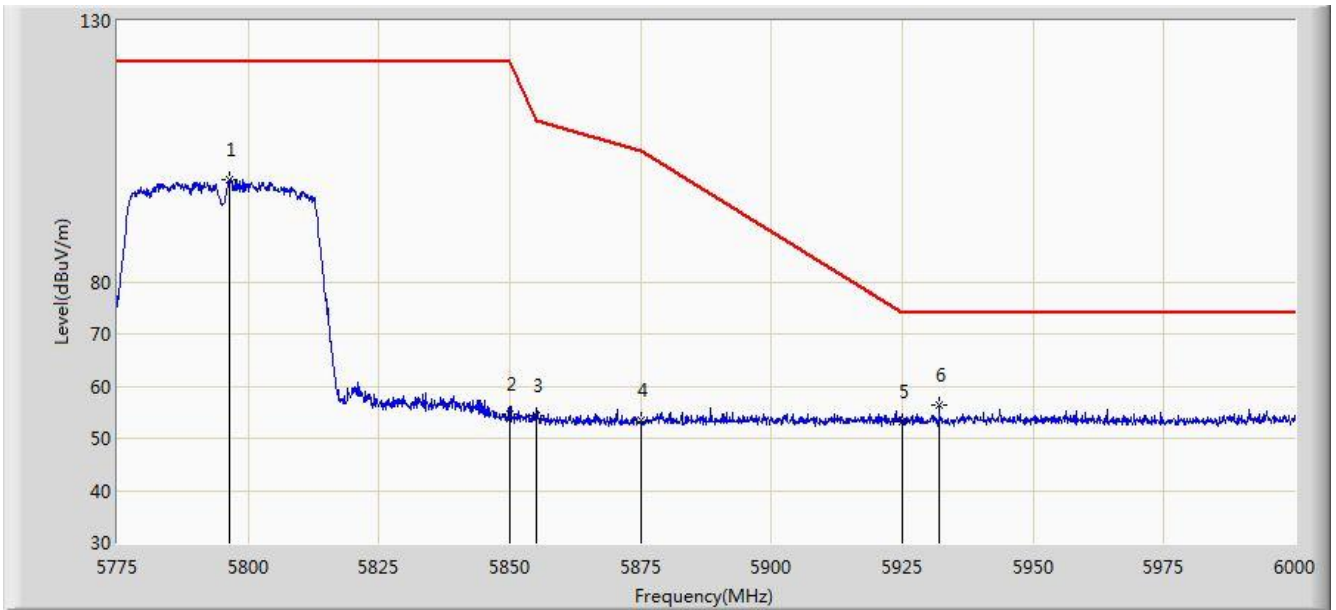


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5786.475 | 101.027 | 95.653 | N/A | N/A | 5.374 | PK |
| 2 | | | 5850.000 | 54.736 | 49.010 | -67.464 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.708 | 48.962 | -56.092 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.759 | 47.939 | -51.441 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 52.829 | 46.863 | -21.171 | 74.000 | 5.967 | PK |
| 6 | | * | 5999.550 | 55.739 | 49.628 | -18.261 | 74.000 | 6.110 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:54 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2 | |

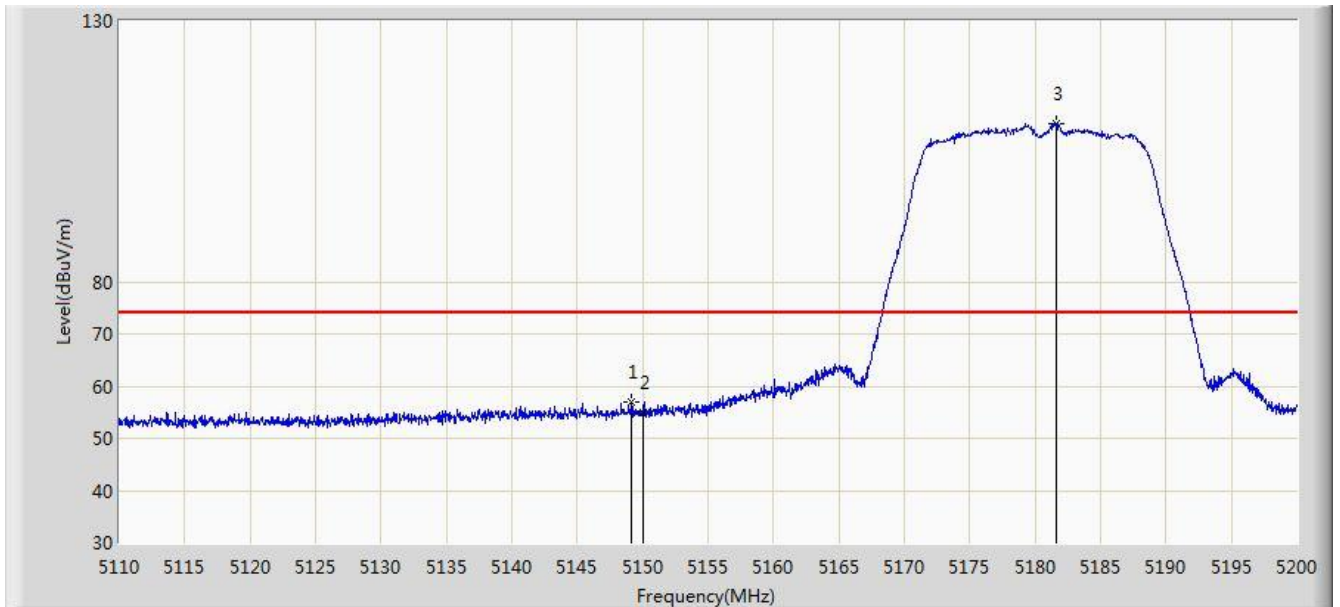


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5796.487 | 99.428 | 94.002 | N/A | N/A | 5.425 | PK |
| 2 | | | 5850.000 | 54.594 | 48.868 | -67.606 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.231 | 48.485 | -56.569 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.523 | 47.703 | -51.677 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.181 | 47.215 | -20.819 | 74.000 | 5.967 | PK |
| 6 | | * | 5932.050 | 56.235 | 50.251 | -17.765 | 74.000 | 5.984 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:56 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2 | |

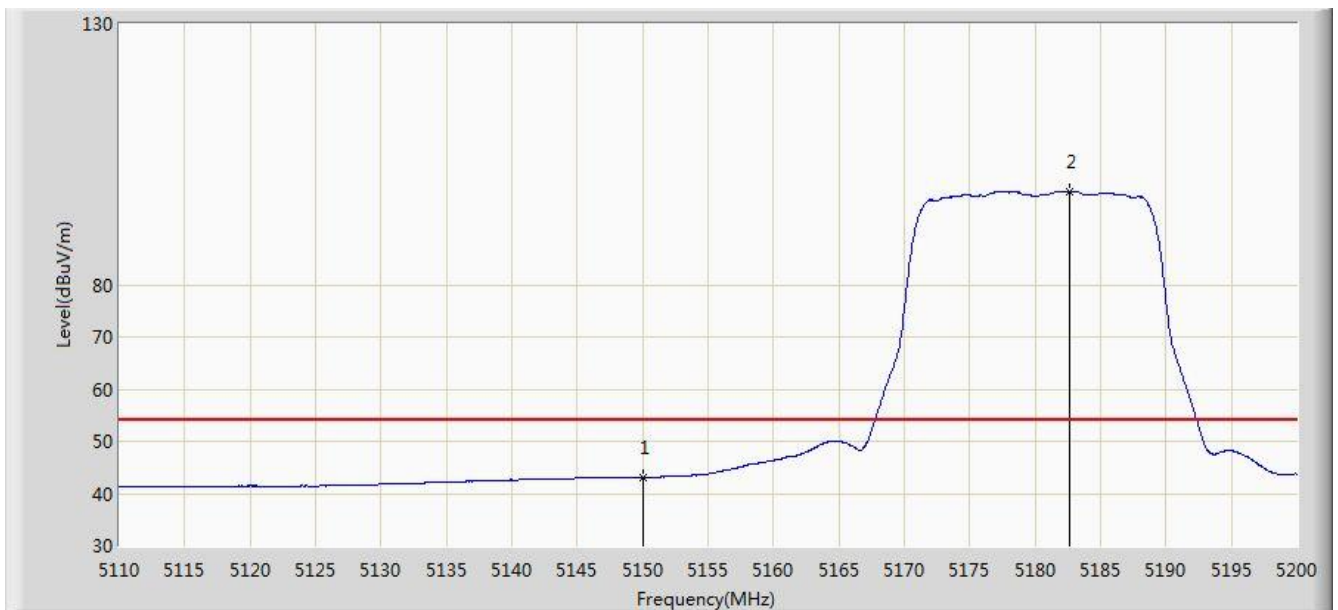


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.150 | 56.866 | 52.694 | -17.134 | 74.000 | 4.172 | PK |
| 2 | | | 5150.000 | 55.049 | 50.880 | -18.951 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.640 | 110.369 | 106.306 | N/A | N/A | 4.063 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:56 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2 | |

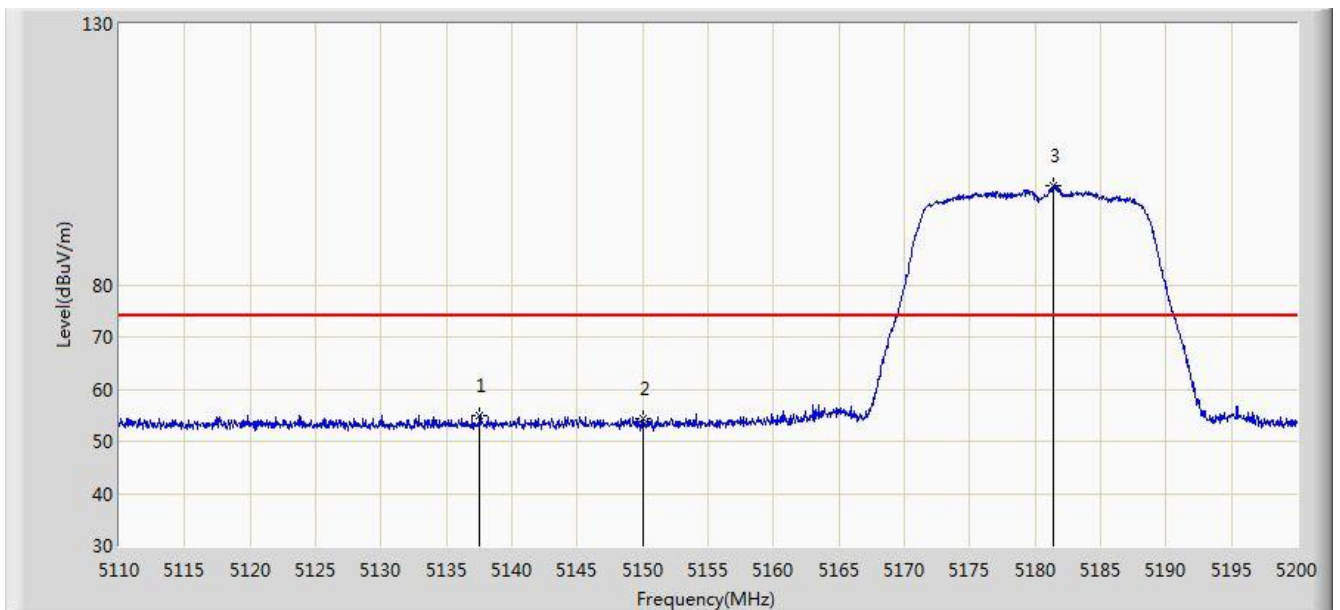


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 43.162 | 38.993 | -10.838 | 54.000 | 4.170 | AV |
| 2 | | * | 5182.630 | 97.910 | 93.850 | N/A | N/A | 4.060 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:57 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2 | |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5137.540 | 54.788 | 50.613 | -19.212 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 54.271 | 50.102 | -19.729 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.415 | 98.952 | 94.888 | N/A | N/A | 4.064 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 00:57 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2 | |

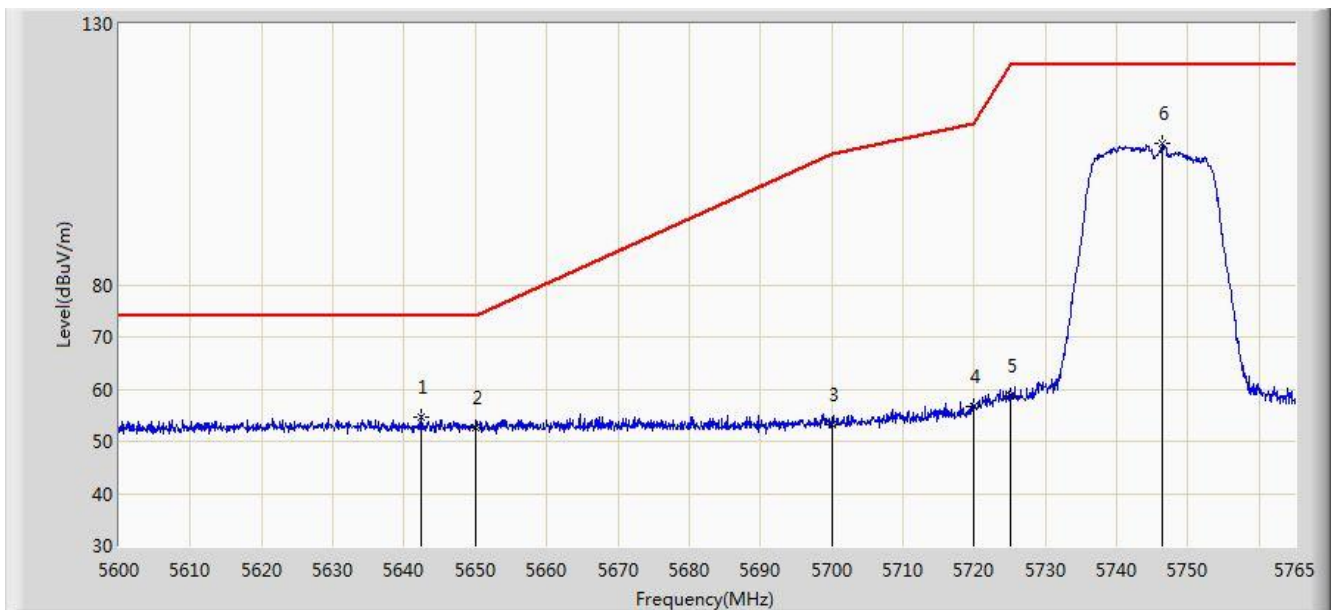


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.050 | 36.881 | -12.950 | 54.000 | 4.170 | AV |
| 2 | | * | 5182.855 | 86.728 | 82.669 | N/A | N/A | 4.059 | 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: 2016/09/13 - 01:05 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2 | |

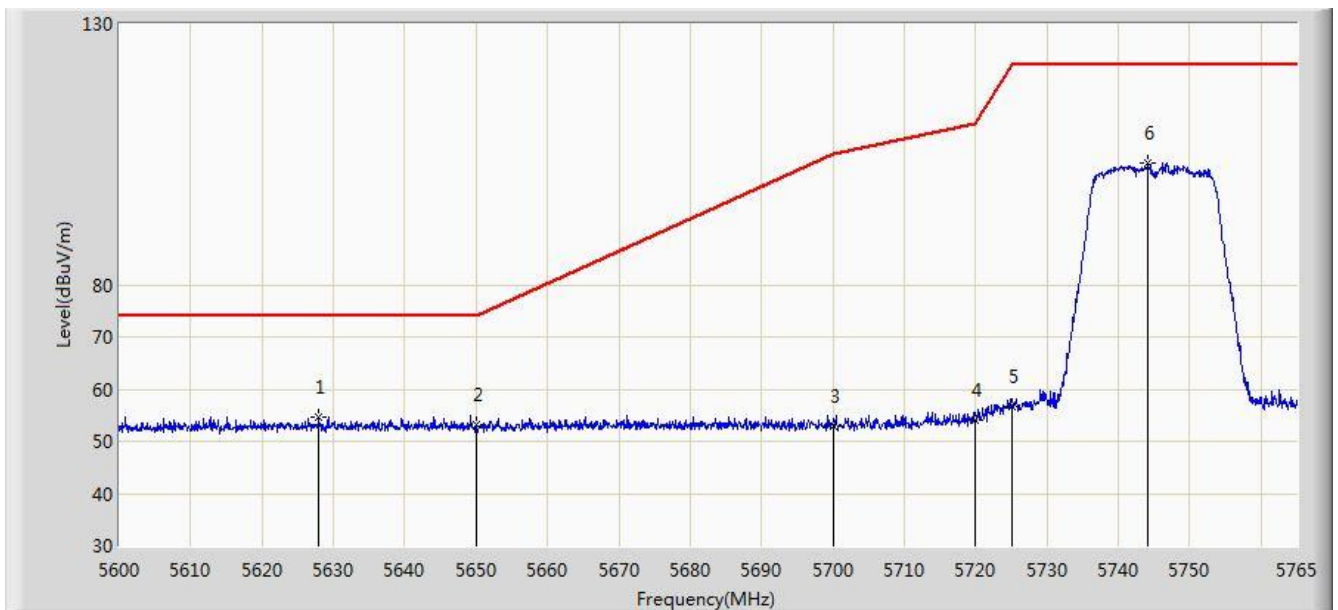


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5642.487 | 54.781 | 50.135 | -19.219 | 74.000 | 4.646 | PK |
| 2 | | | 5650.000 | 52.567 | 47.896 | -21.433 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.161 | 48.283 | -52.039 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 56.704 | 51.707 | -54.096 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 58.619 | 53.590 | -63.581 | 122.200 | 5.029 | PK |
| 6 | | * | 5746.437 | 106.990 | 101.827 | N/A | N/A | 5.163 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:06 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2 | |

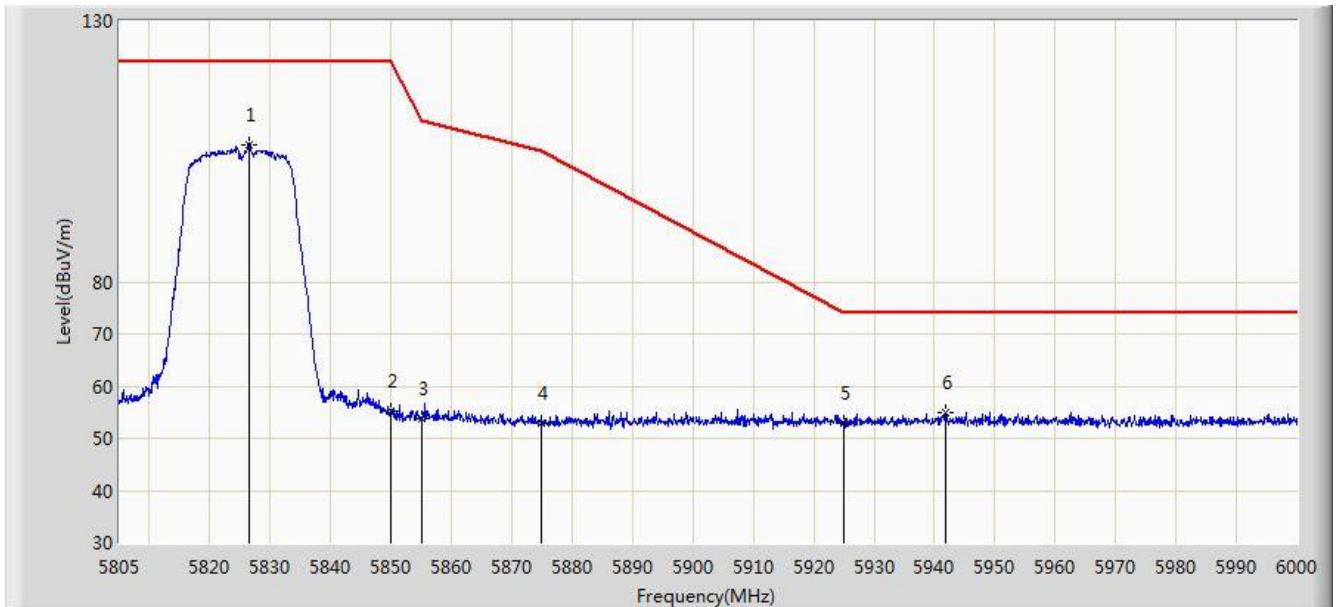


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5627.967 | 54.709 | 50.106 | -19.291 | 74.000 | 4.604 | PK |
| 2 | | | 5650.000 | 53.066 | 48.395 | -20.934 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 52.783 | 47.905 | -52.417 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 53.949 | 48.952 | -56.851 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 56.538 | 51.509 | -65.662 | 122.200 | 5.029 | PK |
| 6 | | * | 5744.210 | 103.330 | 98.180 | N/A | N/A | 5.151 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:07 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 2 | |

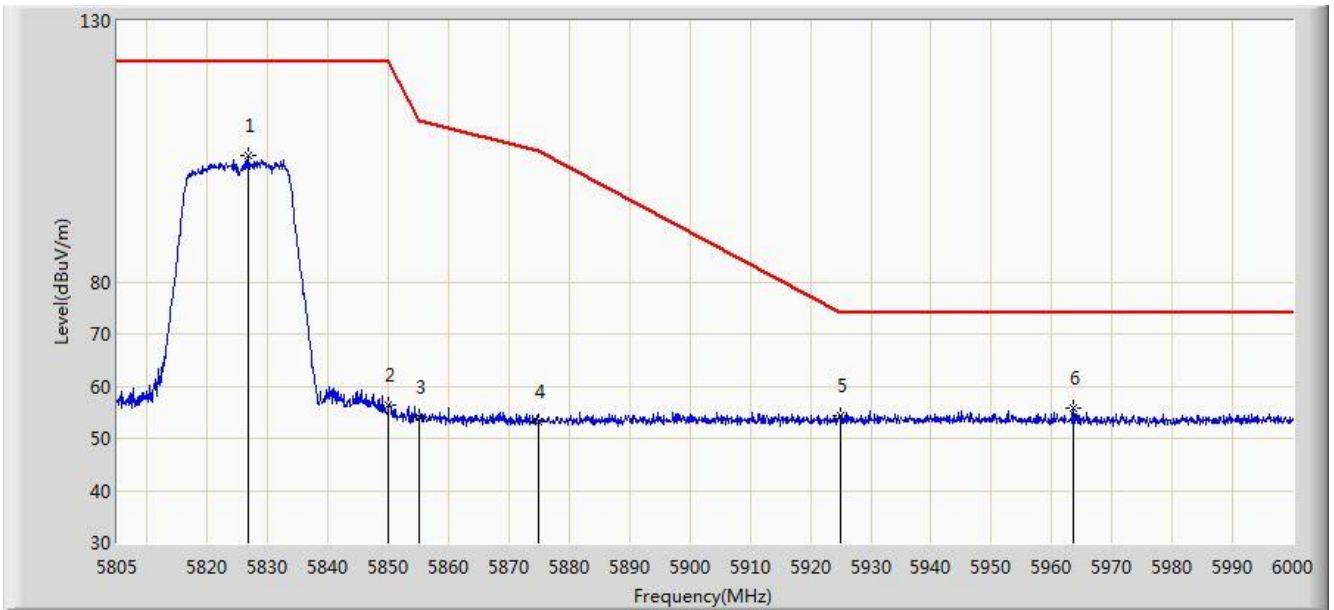


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5826.450 | 106.331 | 100.735 | N/A | N/A | 5.596 | PK |
| 2 | | | 5850.000 | 55.285 | 49.559 | -66.915 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 53.639 | 47.893 | -57.161 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 52.988 | 47.168 | -52.212 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 52.912 | 46.946 | -21.088 | 74.000 | 5.967 | PK |
| 6 | | | 5941.792 | 54.994 | 48.986 | -19.006 | 74.000 | 6.007 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:08 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 2 | |

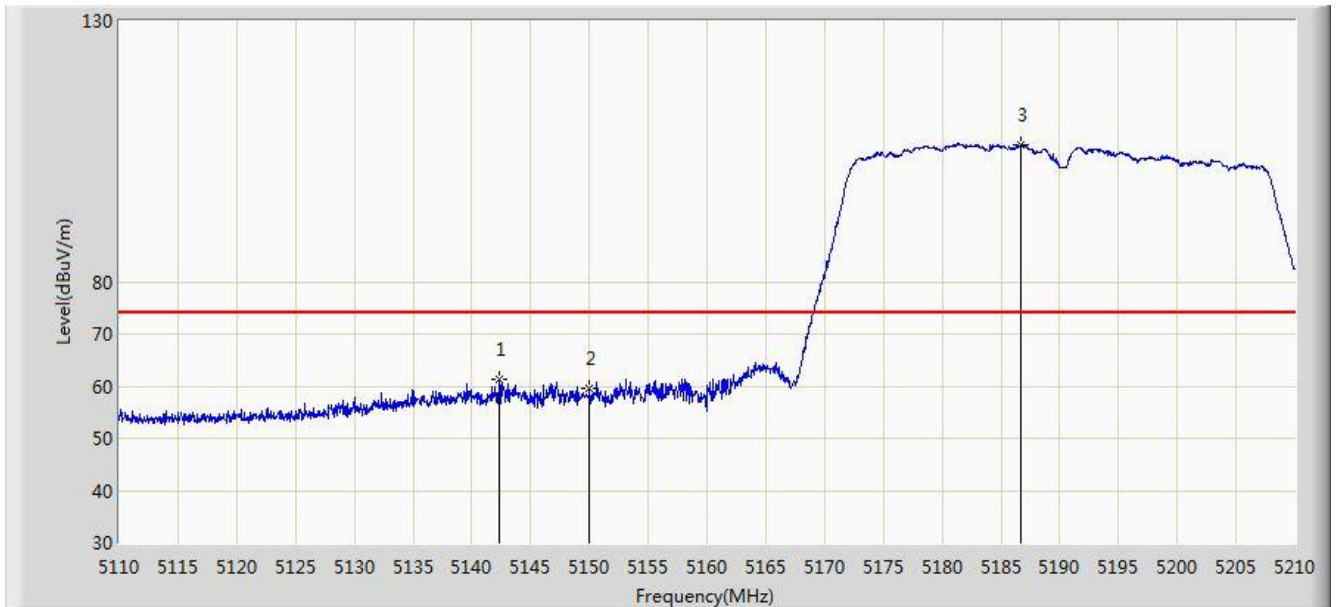


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5826.743 | 104.273 | 98.675 | N/A | N/A | 5.599 | PK |
| 2 | | | 5850.000 | 56.258 | 50.532 | -65.942 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.102 | 48.356 | -56.698 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.059 | 47.239 | -52.141 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 54.303 | 48.337 | -19.697 | 74.000 | 5.967 | PK |
| 6 | | | 5963.535 | 55.742 | 49.692 | -18.258 | 74.000 | 6.050 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:09 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2 | |

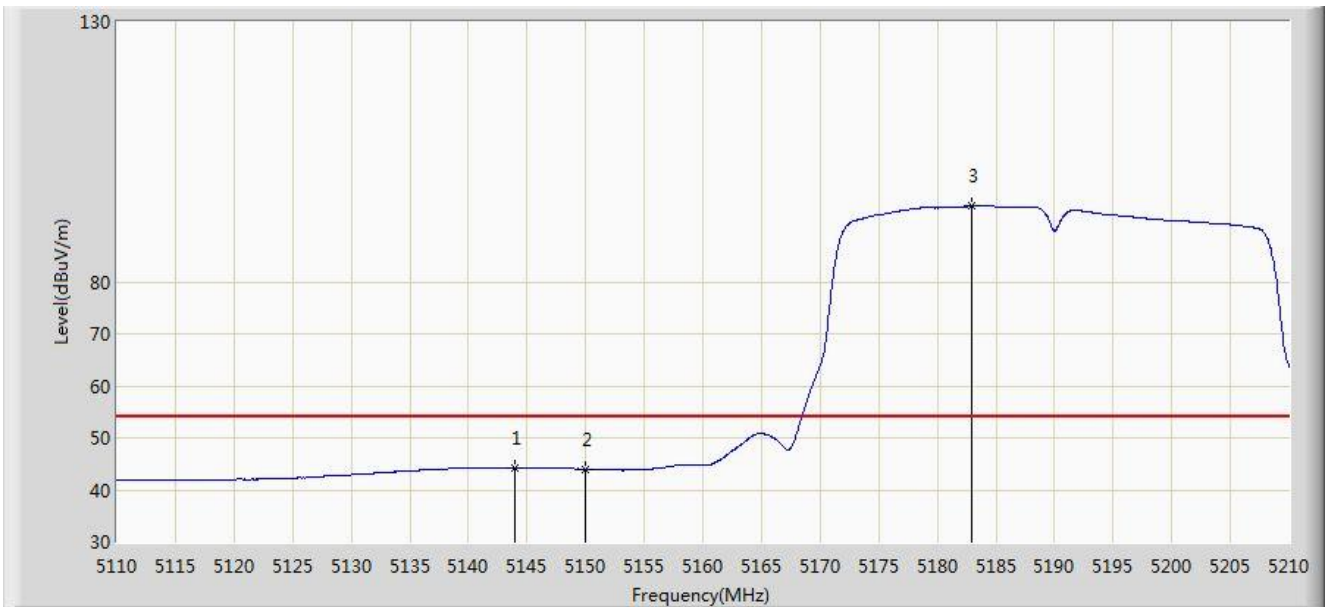


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5142.350 | 61.214 | 57.038 | -12.786 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 59.453 | 55.284 | -14.547 | 74.000 | 4.170 | PK |
| 3 | | * | 5186.650 | 106.258 | 102.213 | N/A | N/A | 4.045 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:09 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2 | |

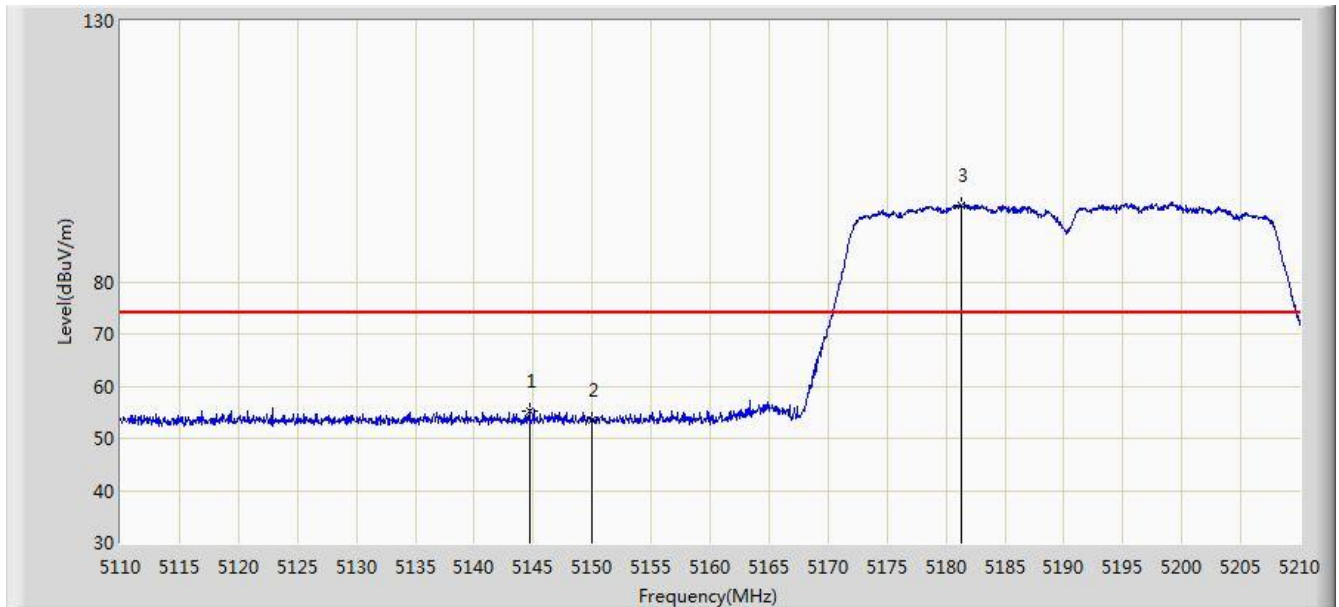


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5144.000 | 44.296 | 40.987 | -9.704 | 54.000 | 3.309 | AV |
| 2 | | | 5150.000 | 43.969 | 40.660 | -10.031 | 54.000 | 3.309 | AV |
| 3 | | * | 5182.900 | 94.564 | 91.294 | N/A | N/A | 3.270 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:10 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2 | |

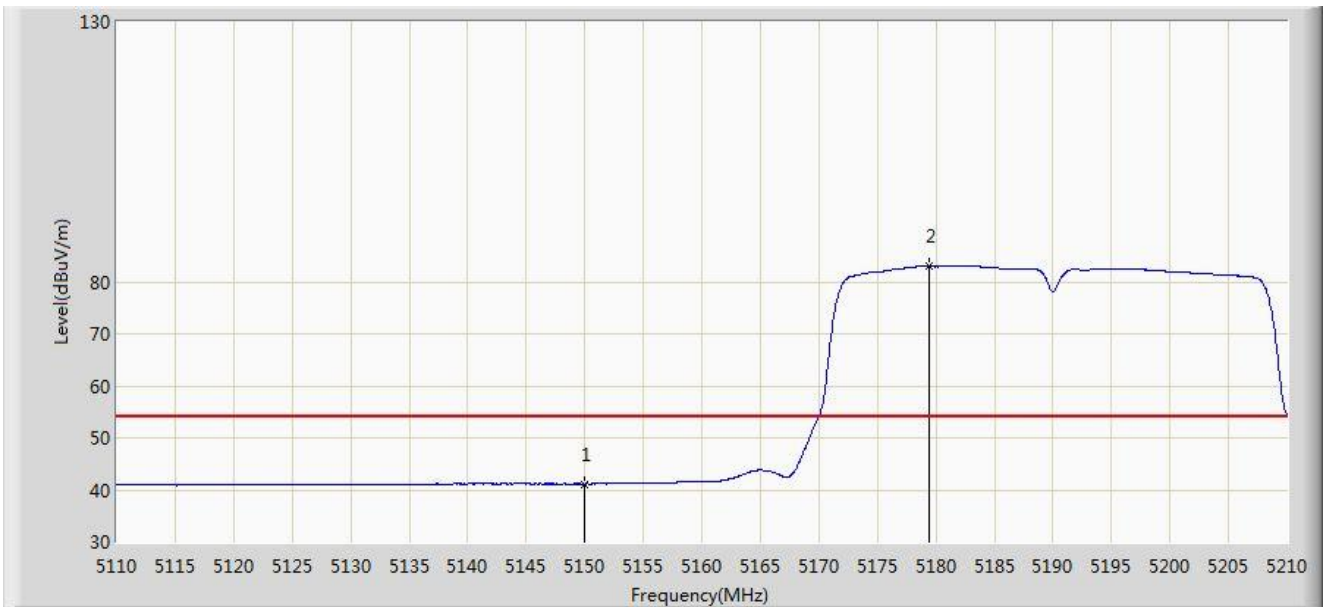


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5144.700 | 55.359 | 51.183 | -18.641 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 53.470 | 49.301 | -20.530 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.300 | 94.765 | 90.701 | N/A | N/A | 4.064 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:10 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 2 | |

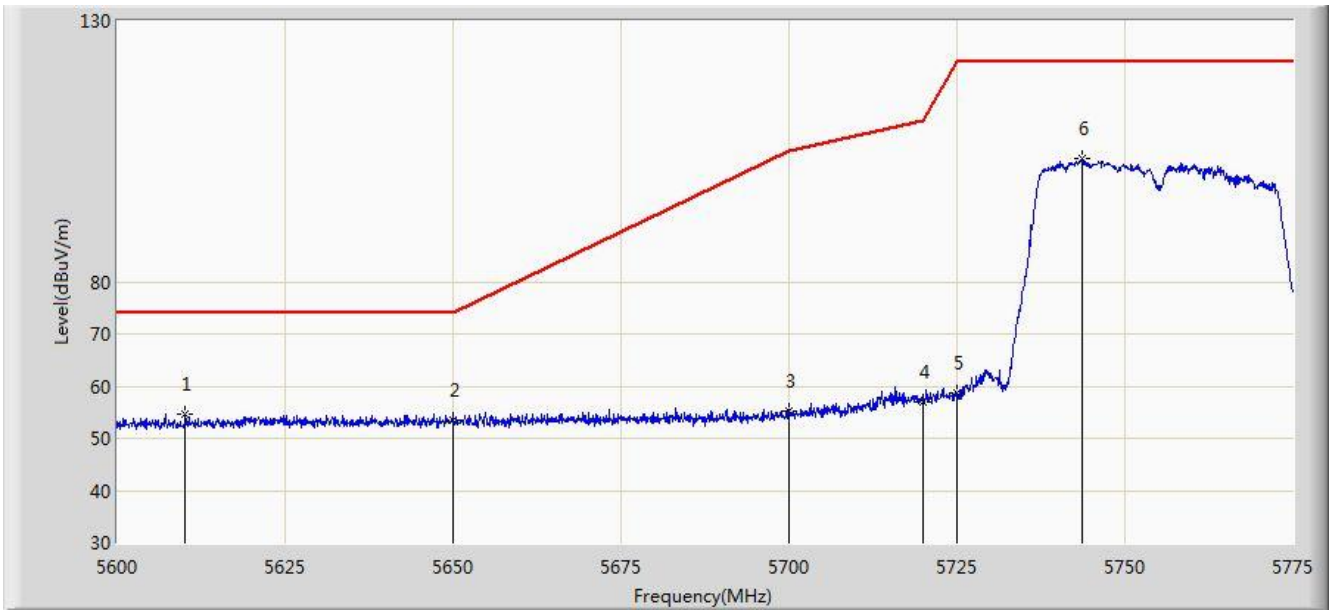


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.152 | 36.983 | -12.848 | 54.000 | 4.170 | AV |
| 2 | | * | 5179.450 | 82.961 | 78.890 | N/A | N/A | 4.071 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:19 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 2 | |

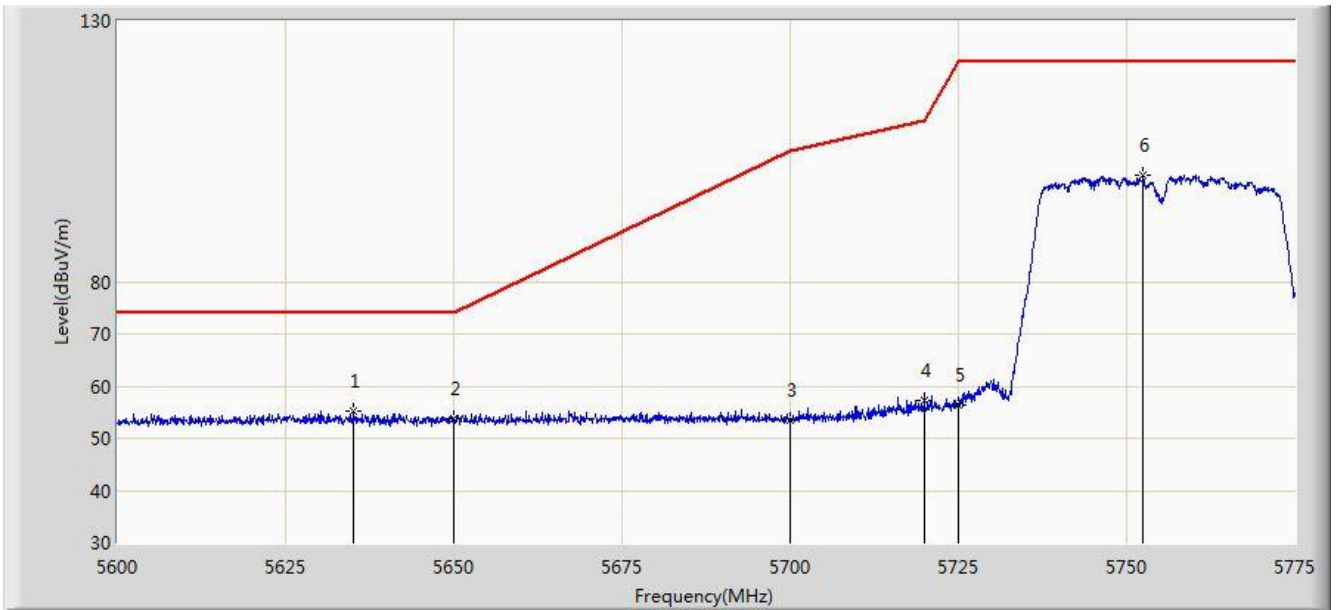


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5610.150 | 54.770 | 50.218 | -19.230 | 74.000 | 4.552 | PK |
| 2 | | | 5650.000 | 53.559 | 48.888 | -20.441 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 55.230 | 50.352 | -49.970 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 56.957 | 51.960 | -53.843 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 58.762 | 53.733 | -63.438 | 122.200 | 5.029 | PK |
| 6 | | * | 5743.675 | 103.530 | 98.383 | 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: 2016/09/13 - 01:20 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 2 | |

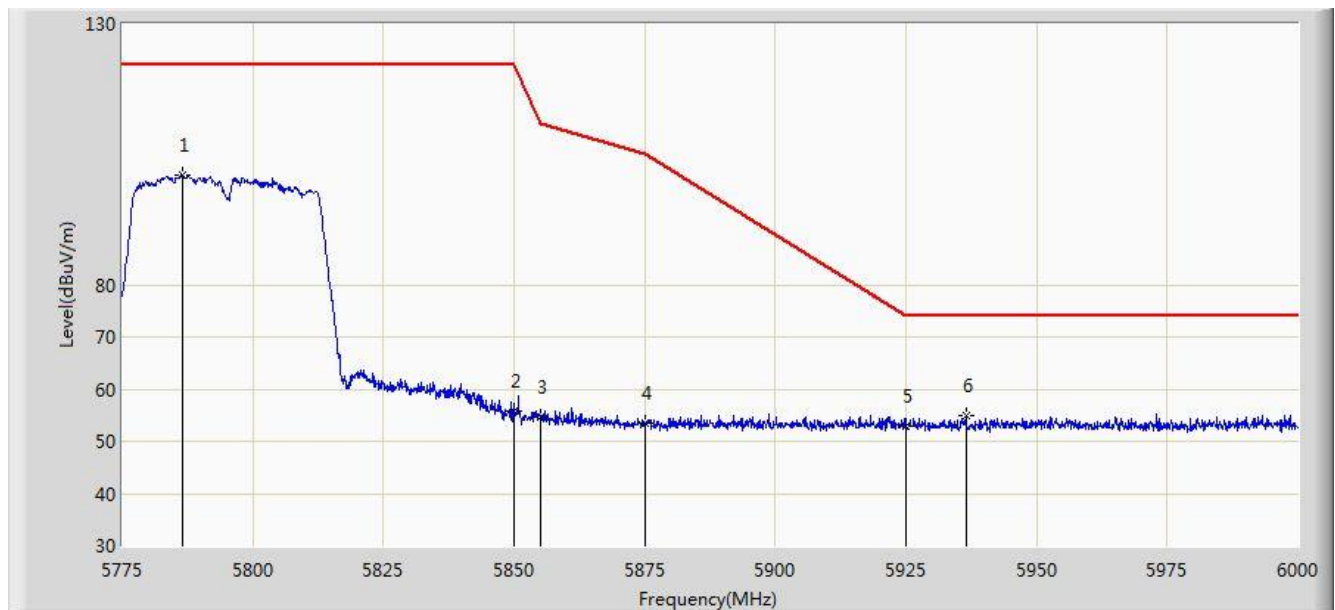


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5635.087 | 55.143 | 50.519 | -18.857 | 74.000 | 4.624 | PK |
| 2 | | | 5650.000 | 53.663 | 48.992 | -20.337 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.613 | 48.735 | -51.587 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 57.127 | 52.130 | -53.673 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 56.264 | 51.235 | -65.936 | 122.200 | 5.029 | PK |
| 6 | | | 5752.513 | 100.455 | 95.257 | N/A | N/A | 5.198 | 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: 2016/09/13 - 01:21 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 2 | |

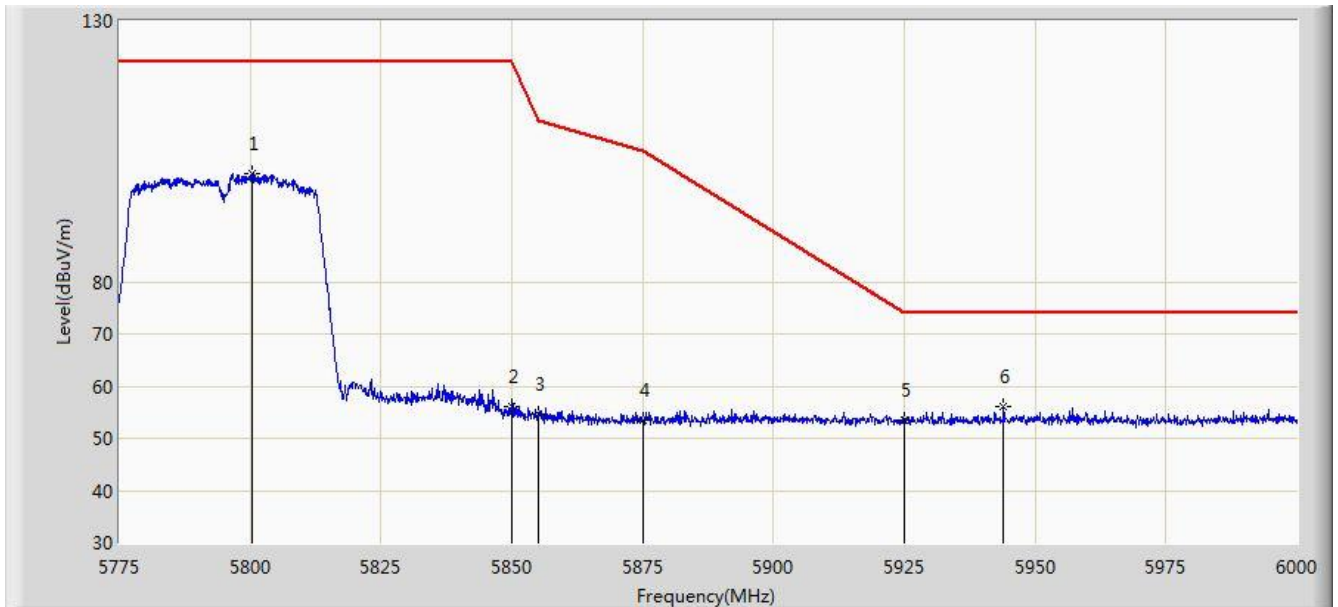


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5786.475 | 101.014 | 95.640 | N/A | N/A | 5.374 | PK |
| 2 | | | 5850.000 | 55.748 | 50.022 | -66.452 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.627 | 48.881 | -56.173 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.406 | 47.586 | -51.794 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.012 | 47.046 | -20.988 | 74.000 | 5.967 | PK |
| 6 | | * | 5936.437 | 55.049 | 49.054 | -18.951 | 74.000 | 5.995 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:22 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 2 | |

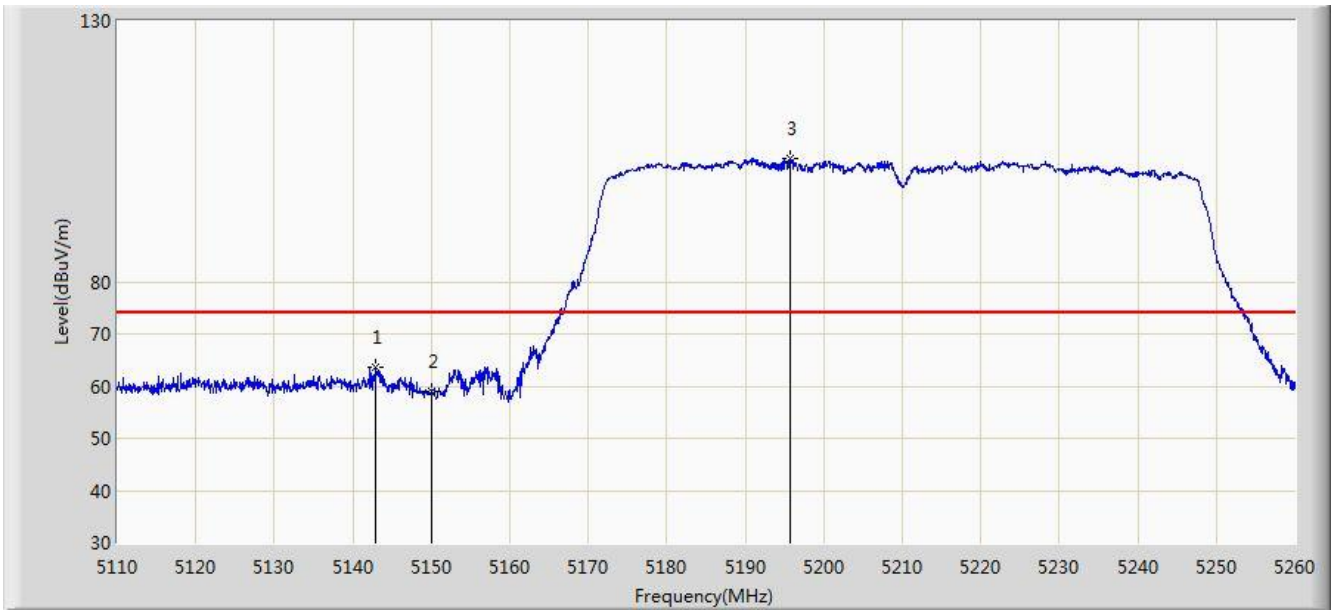


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5800.312 | 100.811 | 95.364 | N/A | N/A | 5.447 | PK |
| 2 | | | 5850.000 | 56.143 | 50.417 | -66.057 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.577 | 48.831 | -56.223 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.526 | 47.706 | -51.674 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.500 | 47.534 | -20.500 | 74.000 | 5.967 | PK |
| 6 | | * | 5943.975 | 56.132 | 50.119 | -17.868 | 74.000 | 6.012 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:23 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2 | |

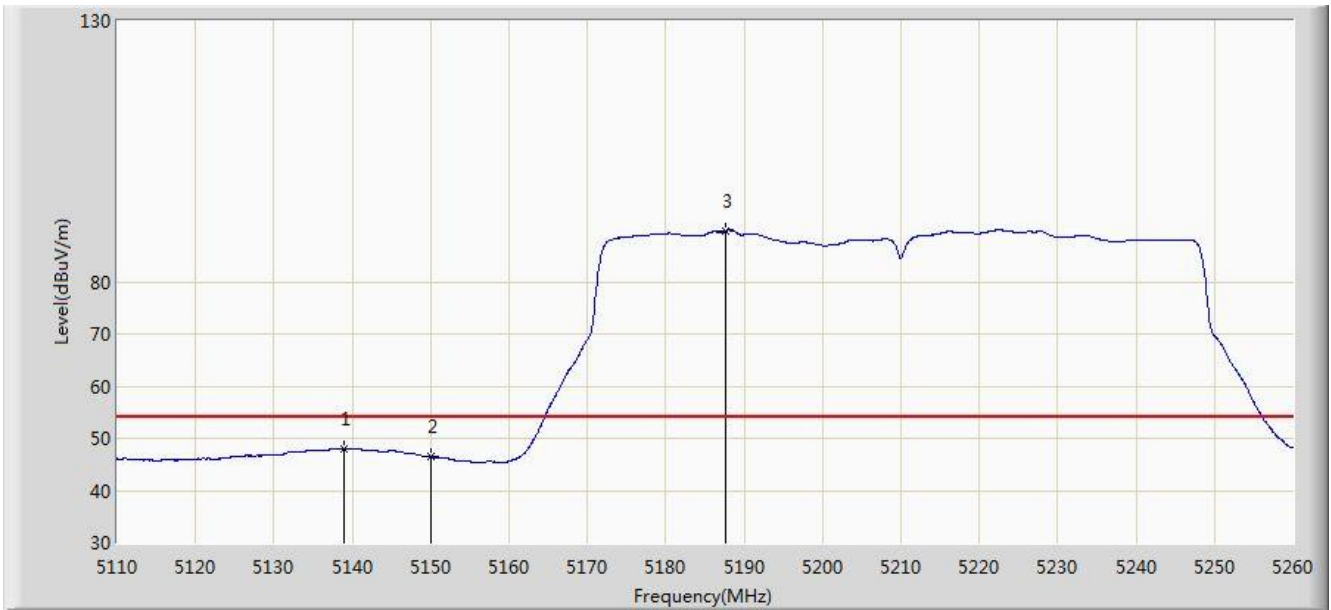


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5142.925 | 63.748 | 59.572 | -10.252 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 58.965 | 54.796 | -15.035 | 74.000 | 4.170 | PK |
| 3 | | * | 5195.725 | 103.748 | 99.735 | N/A | N/A | 4.013 | 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: 2016/09/13 - 01:24 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2 | |

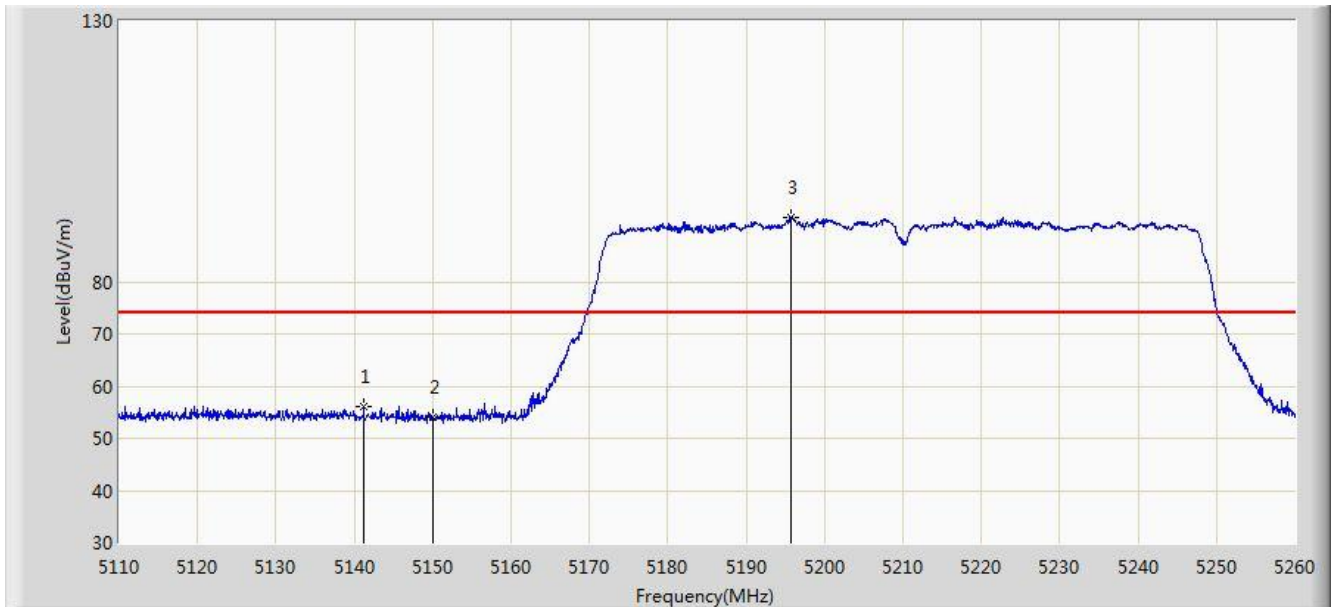


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5138.875 | 48.006 | 43.831 | -5.994 | 54.000 | 4.175 | AV |
| 2 | | | 5150.000 | 46.420 | 42.251 | -7.580 | 54.000 | 4.170 | AV |
| 3 | | * | 5187.700 | 89.807 | 85.765 | N/A | N/A | 4.042 | 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: 2016/09/13 - 01:25 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2 | |

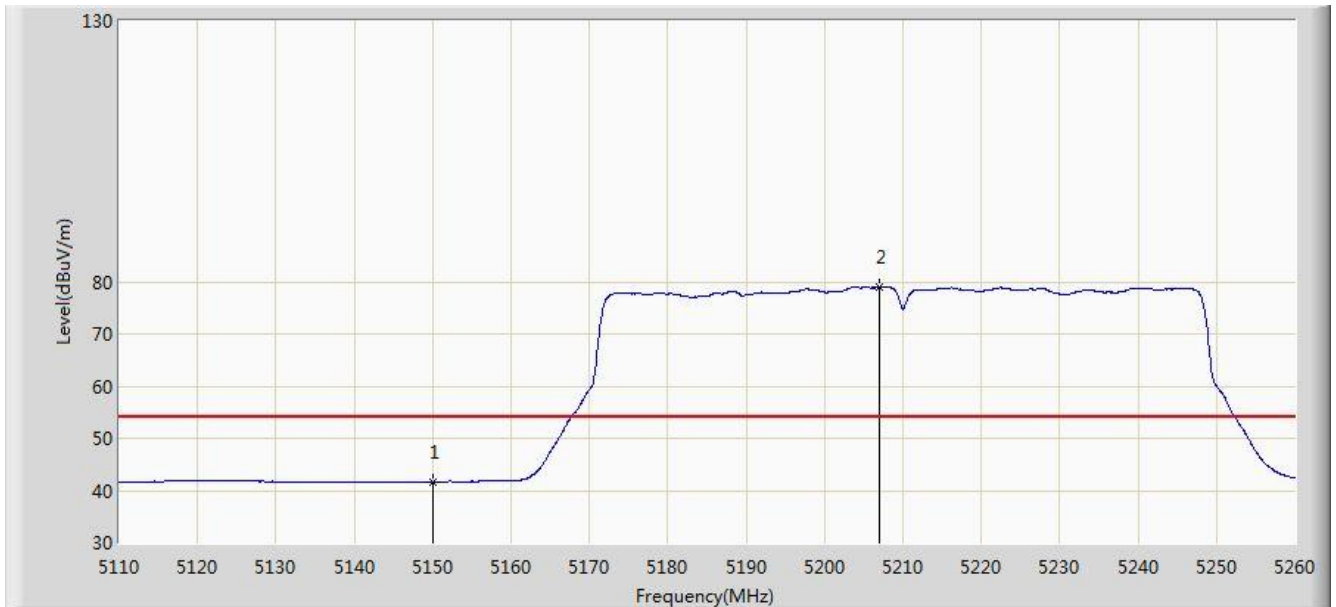


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5141.200 | 56.145 | 51.969 | -17.855 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 54.014 | 49.845 | -19.986 | 74.000 | 4.170 | PK |
| 3 | | * | 5195.725 | 92.376 | 88.363 | N/A | N/A | 4.013 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:25 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 2 | |

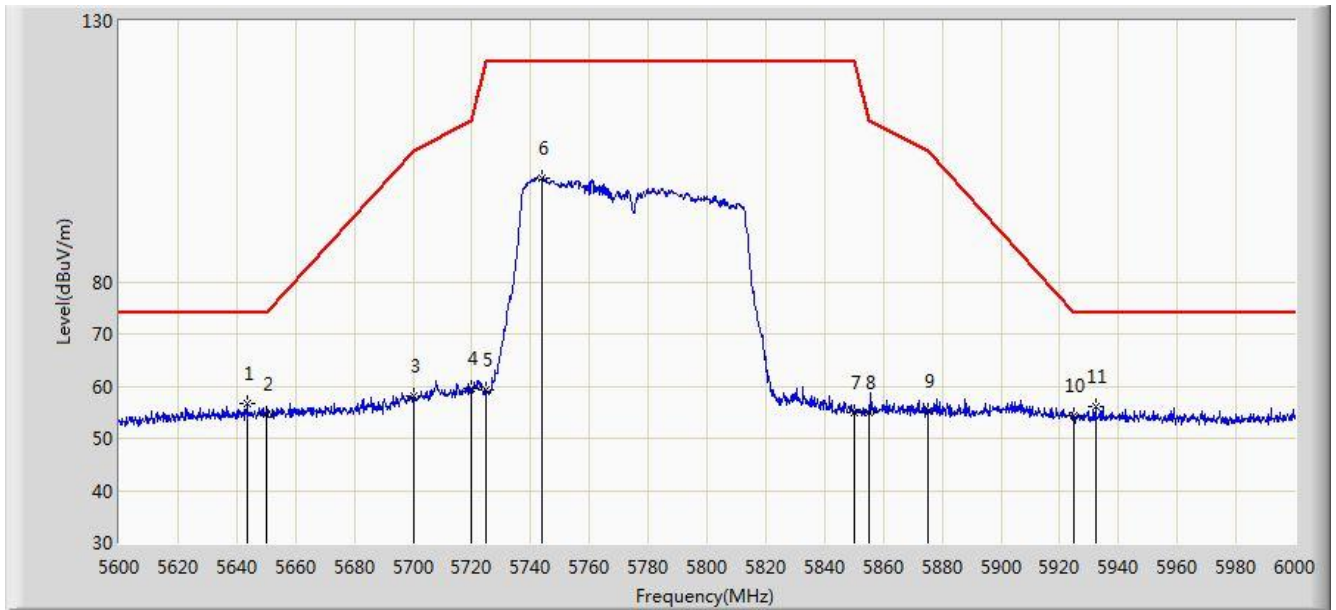


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.563 | 37.394 | -12.437 | 54.000 | 4.170 | AV |
| 2 | | * | 5206.975 | 78.922 | 74.944 | N/A | N/A | 3.977 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 01:33 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 2 | |

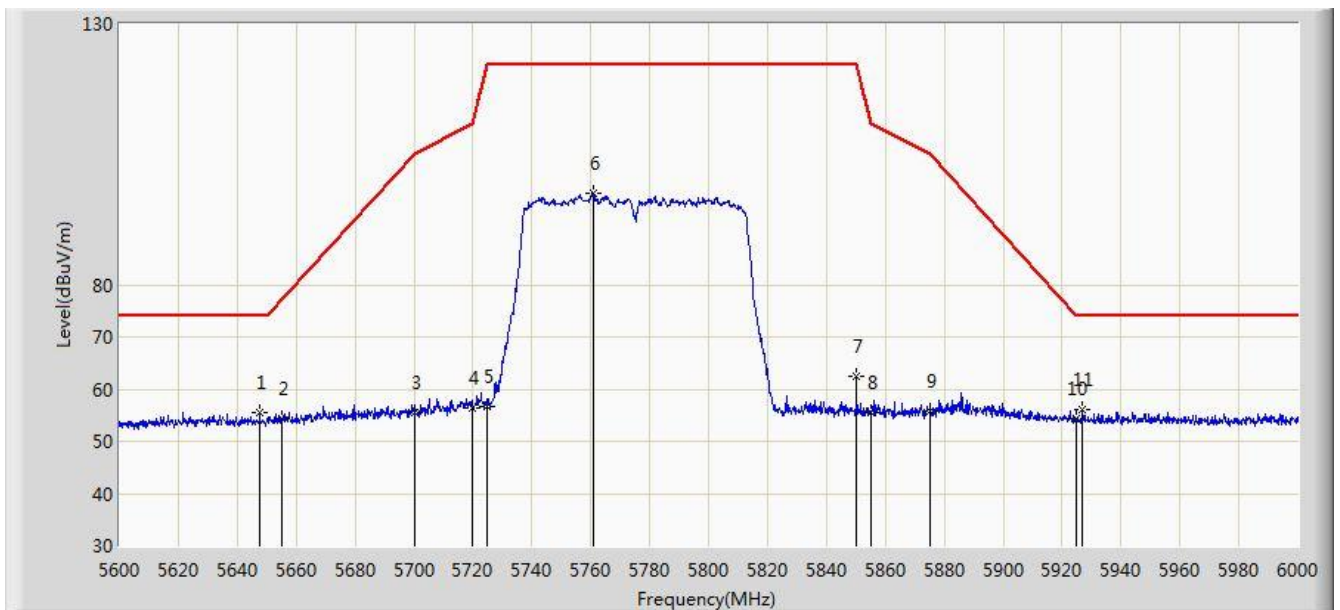


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5643.400 | 56.558 | 51.909 | -17.442 | 74.000 | 4.649 | PK |
| 2 | | | 5650.000 | 54.729 | 50.058 | -19.271 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 58.054 | 53.176 | -47.146 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 59.643 | 54.646 | -51.157 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 59.321 | 54.292 | -62.879 | 122.200 | 5.029 | PK |
| 6 | | | 5743.800 | 99.987 | 94.839 | N/A | N/A | 5.148 | PK |
| 7 | | | 5850.000 | 54.945 | 49.219 | -67.255 | 122.200 | 5.726 | PK |
| 8 | | | 5855.000 | 55.000 | 49.254 | -55.800 | 110.800 | 5.746 | PK |
| 9 | | | 5875.000 | 55.078 | 49.258 | -50.122 | 105.200 | 5.820 | PK |
| 10 | | | 5925.000 | 54.317 | 48.351 | -19.683 | 74.000 | 5.967 | PK |
| 11 | | | 5932.200 | 55.953 | 49.969 | -18.047 | 74.000 | 5.984 | 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: 2016/09/13 - 01:34 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 2 | |

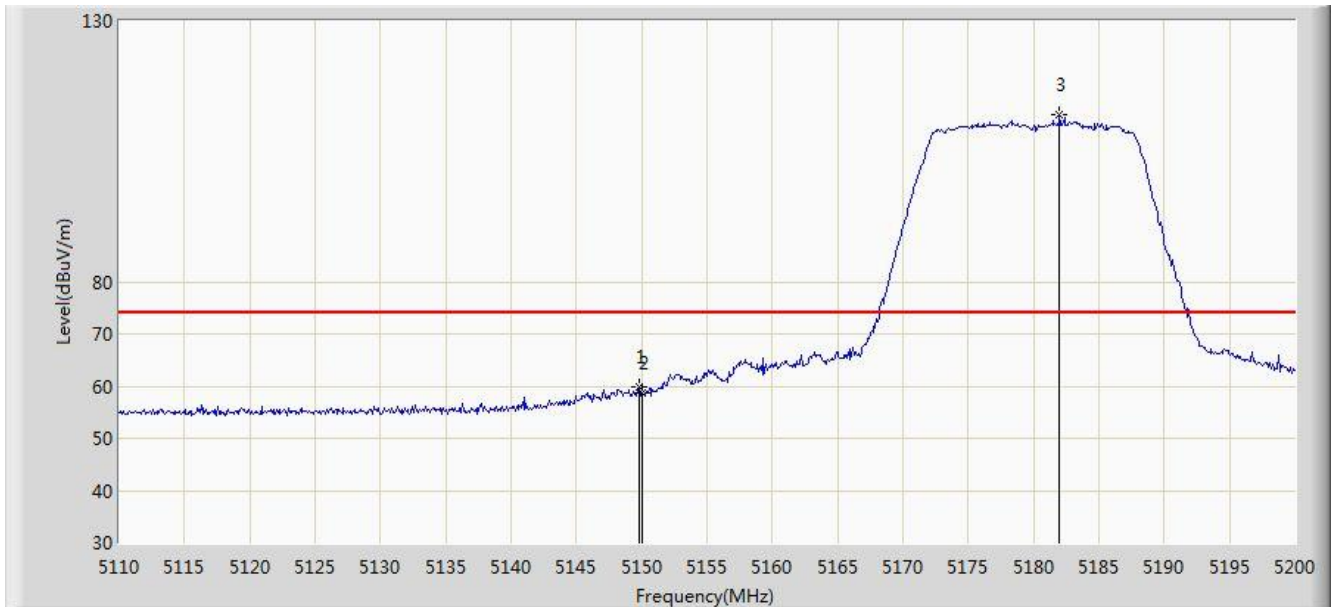


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5647.600 | 55.649 | 50.986 | -18.351 | 74.000 | 4.663 | PK |
| 2 | | | 5655.000 | 54.405 | 49.717 | -22.728 | 77.132 | 4.687 | PK |
| 3 | | | 5700.000 | 55.454 | 50.576 | -49.746 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 56.373 | 51.376 | -54.427 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 56.701 | 51.672 | -65.499 | 122.200 | 5.029 | PK |
| 6 | | | 5761.000 | 97.506 | 92.261 | N/A | N/A | 5.245 | PK |
| 7 | | | 5850.000 | 62.325 | 56.599 | -59.875 | 122.200 | 5.726 | PK |
| 8 | | | 5855.000 | 55.518 | 49.772 | -55.282 | 110.800 | 5.746 | PK |
| 9 | | | 5875.000 | 55.902 | 50.082 | -49.298 | 105.200 | 5.820 | PK |
| 10 | | | 5925.000 | 54.406 | 48.440 | -19.594 | 74.000 | 5.967 | PK |
| 11 | | * | 5927.000 | 56.220 | 50.249 | -17.780 | 74.000 | 5.971 | 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: 2016/09/13 - 13:23 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3 | |

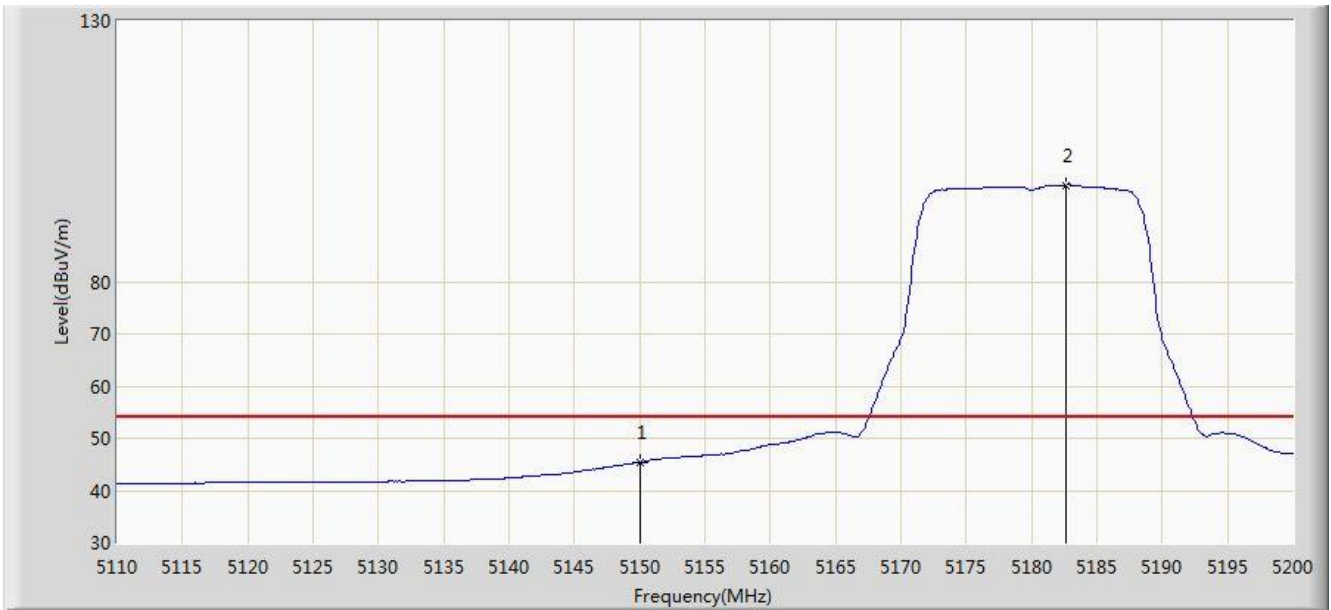


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.780 | 59.957 | 55.787 | -14.043 | 74.000 | 4.169 | PK |
| 2 | | | 5150.000 | 58.720 | 54.551 | -15.280 | 74.000 | 4.170 | PK |
| 3 | | * | 5182.000 | 112.016 | 107.954 | N/A | N/A | 4.062 | PK |

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

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

| | |
|---------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 13:31 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3 | |

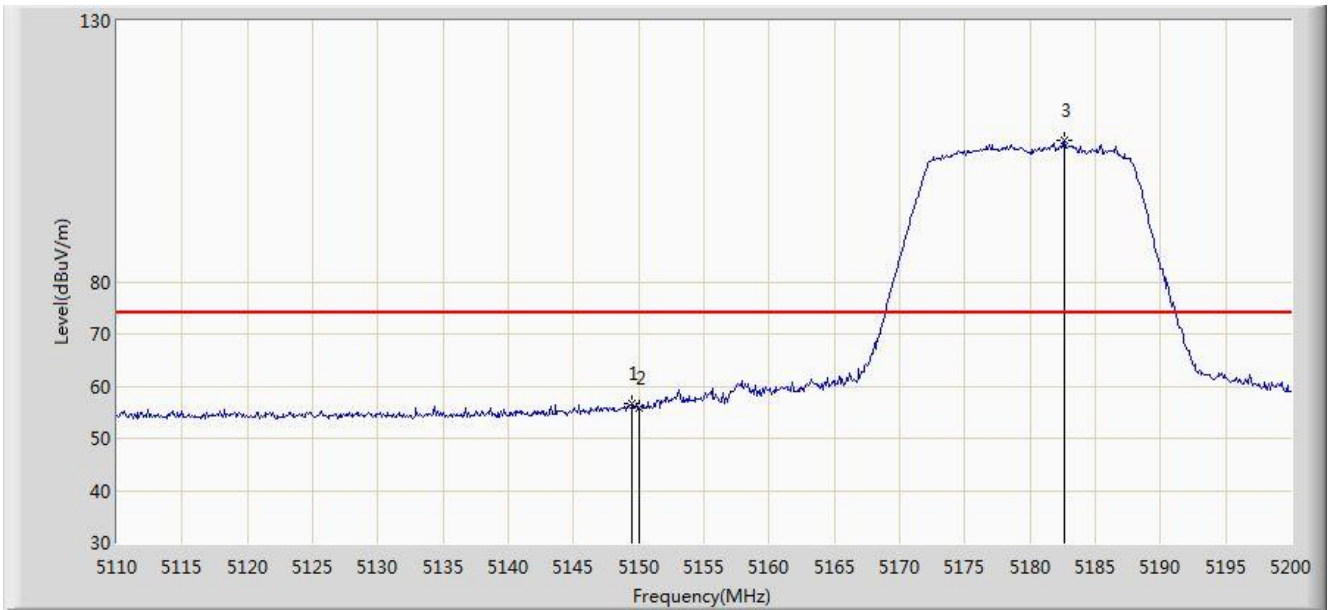


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 45.372 | 41.203 | -8.628 | 54.000 | 4.170 | AV |
| 2 | | * | 5182.630 | 98.532 | 94.472 | N/A | N/A | 4.060 | 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: 2016/09/13 - 13:35 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3 | |

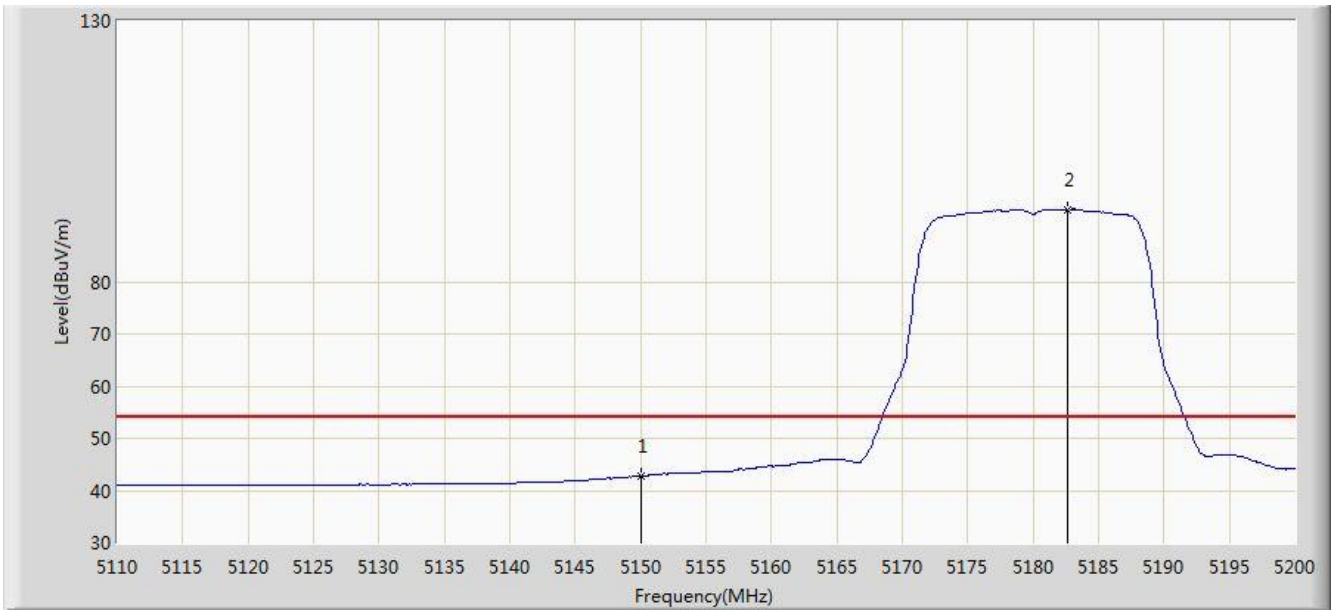


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.510 | 56.771 | 52.600 | -17.229 | 74.000 | 4.170 | PK |
| 2 | | | 5150.000 | 55.688 | 51.519 | -18.312 | 74.000 | 4.170 | PK |
| 3 | | * | 5182.630 | 107.027 | 102.967 | N/A | N/A | 4.060 | 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: 2016/09/13 - 13:39 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 3 | |

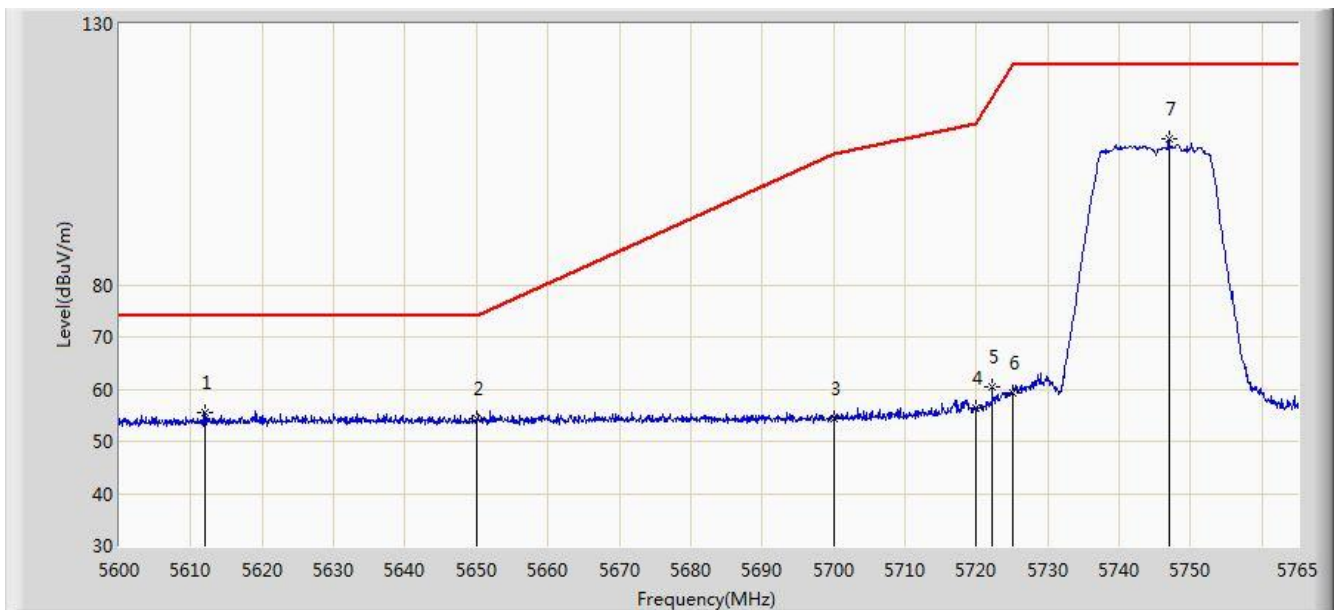


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 42.679 | 38.510 | -11.321 | 54.000 | 4.170 | AV |
| 2 | | * | 5182.630 | 93.912 | 89.852 | N/A | N/A | 4.060 | 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: 2016/09/13 - 14:18 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 3 | |

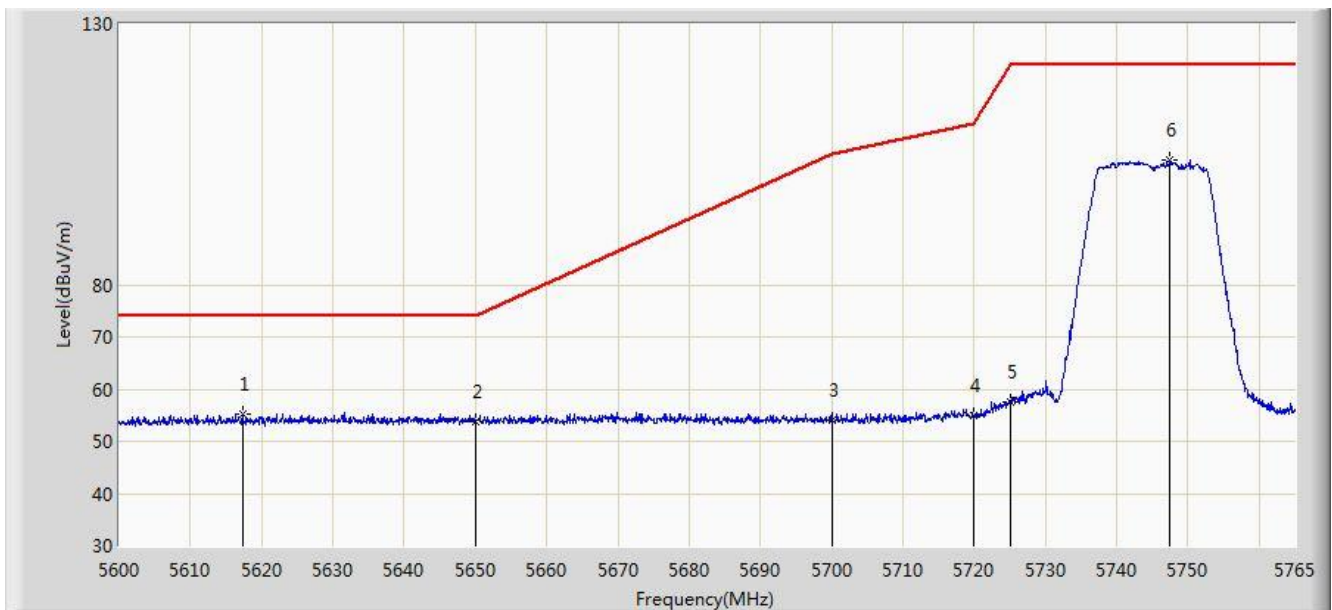


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5611.962 | 55.622 | 51.065 | -18.378 | 74.000 | 4.558 | PK |
| 2 | | | 5650.000 | 54.422 | 49.751 | -19.578 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.290 | 49.412 | -50.910 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 56.309 | 51.312 | -54.491 | 110.800 | 4.997 | PK |
| 5 | | | 5722.183 | 60.311 | 55.300 | -55.468 | 115.778 | 5.010 | PK |
| 6 | | | 5725.000 | 59.287 | 54.258 | -62.913 | 122.200 | 5.029 | PK |
| 7 | | * | 5746.933 | 107.991 | 102.825 | N/A | N/A | 5.166 | PK |

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

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

| | |
|---------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:24 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 3 | |

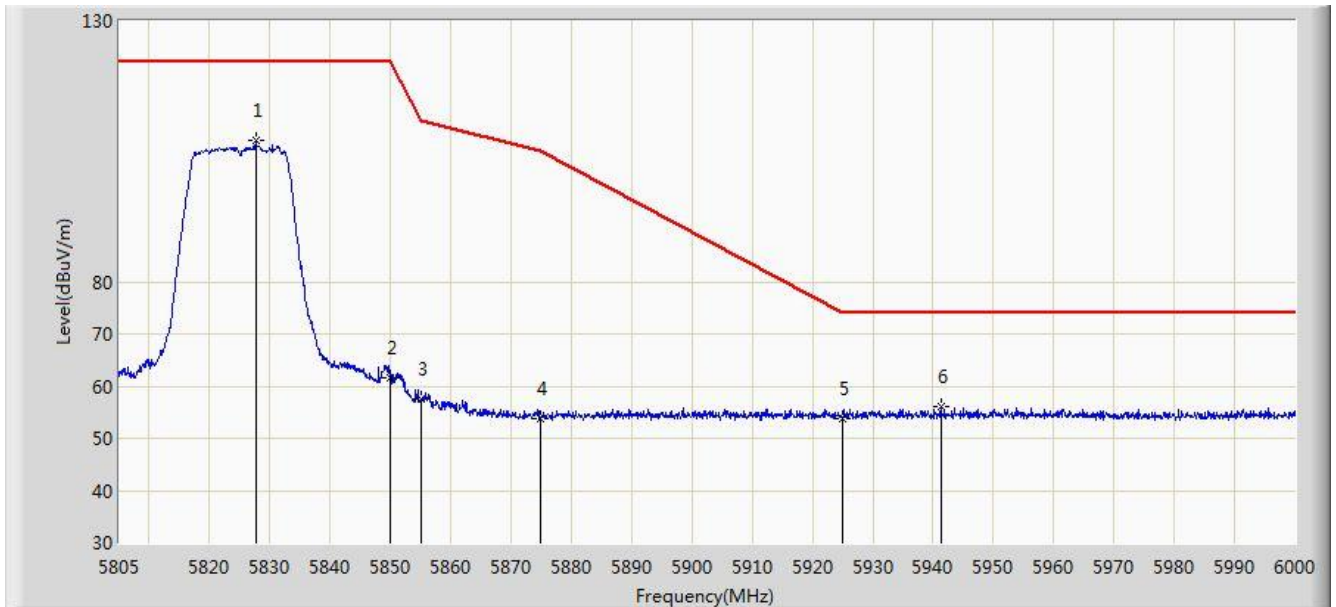


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5617.325 | 55.350 | 50.777 | -18.650 | 74.000 | 4.572 | PK |
| 2 | | | 5650.000 | 53.736 | 49.065 | -20.264 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.969 | 49.091 | -51.231 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 54.915 | 49.918 | -55.885 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 57.482 | 52.453 | -64.718 | 122.200 | 5.029 | PK |
| 6 | | * | 5747.510 | 104.053 | 98.884 | N/A | N/A | 5.170 | PK |

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

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

| | |
|---------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:29 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 3 | |

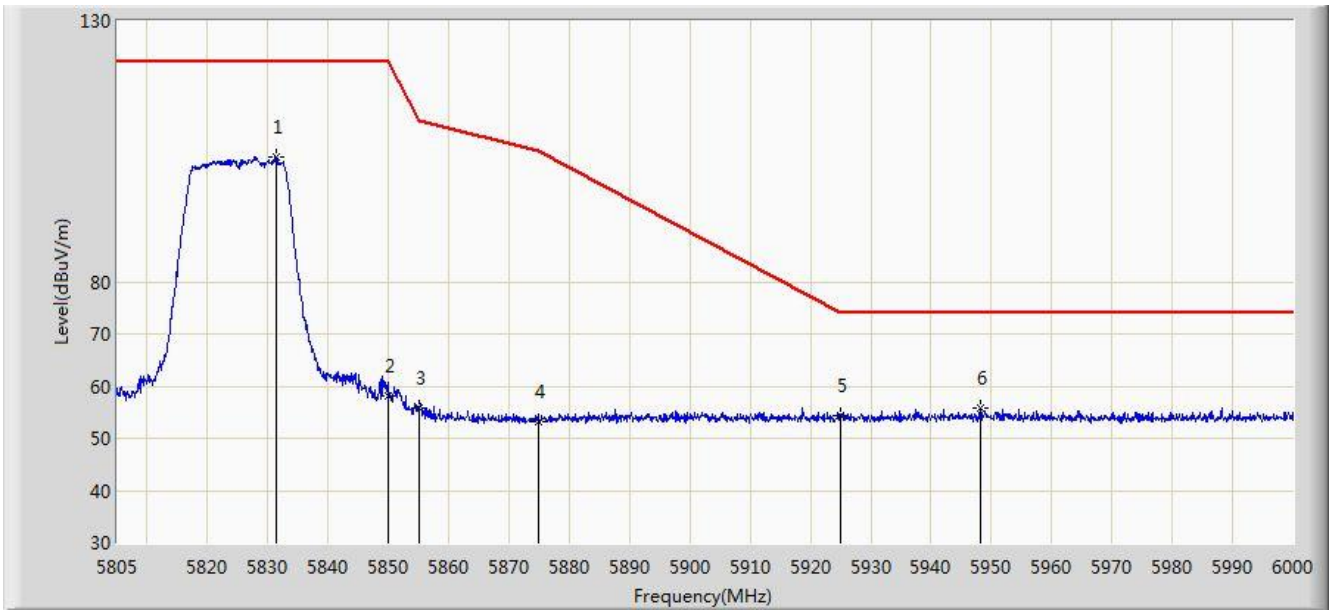


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5827.620 | 107.134 | 101.531 | N/A | N/A | 5.603 | PK |
| 2 | | | 5850.000 | 61.630 | 55.904 | -60.570 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 57.443 | 51.697 | -53.357 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.624 | 47.804 | -51.576 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.912 | 47.946 | -20.088 | 74.000 | 5.967 | PK |
| 6 | | | 5941.305 | 56.211 | 50.204 | -17.789 | 74.000 | 6.007 | PK |

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

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

| | |
|---------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:33 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 3 | |

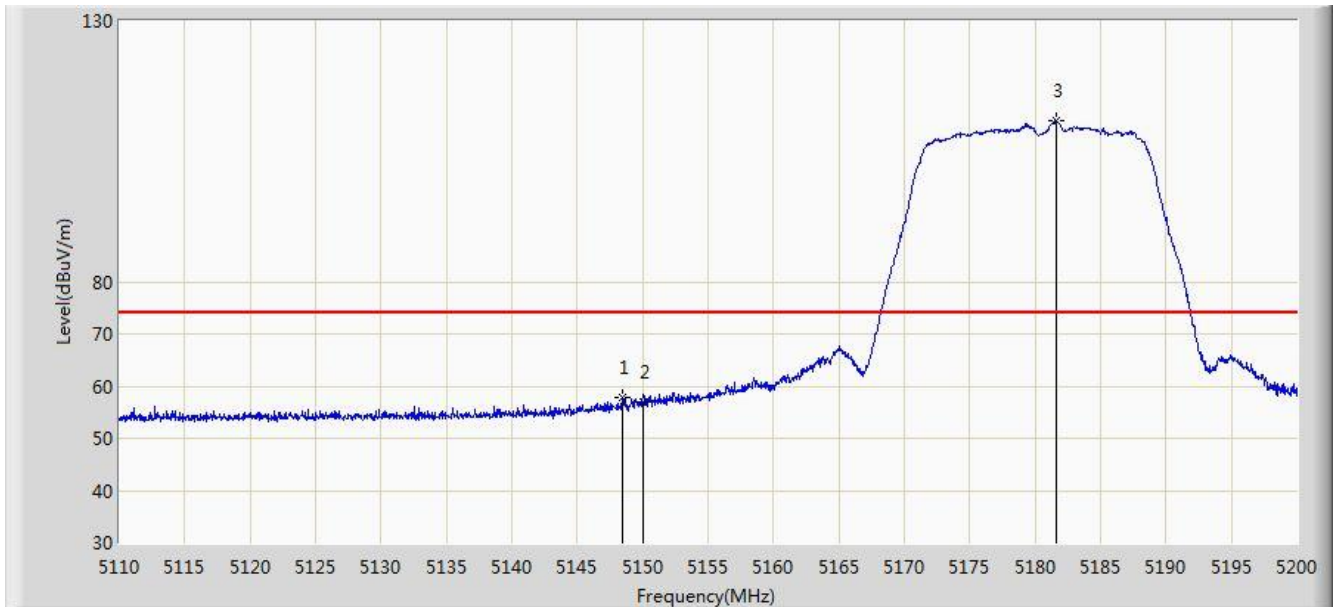


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5831.325 | 103.807 | 98.182 | N/A | N/A | 5.624 | PK |
| 2 | | | 5850.000 | 58.254 | 52.528 | -63.946 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 55.855 | 50.109 | -54.945 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.331 | 47.511 | -51.869 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 54.307 | 48.341 | -19.693 | 74.000 | 5.967 | PK |
| 6 | | * | 5948.130 | 55.830 | 49.808 | -18.170 | 74.000 | 6.023 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:37 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3 | |

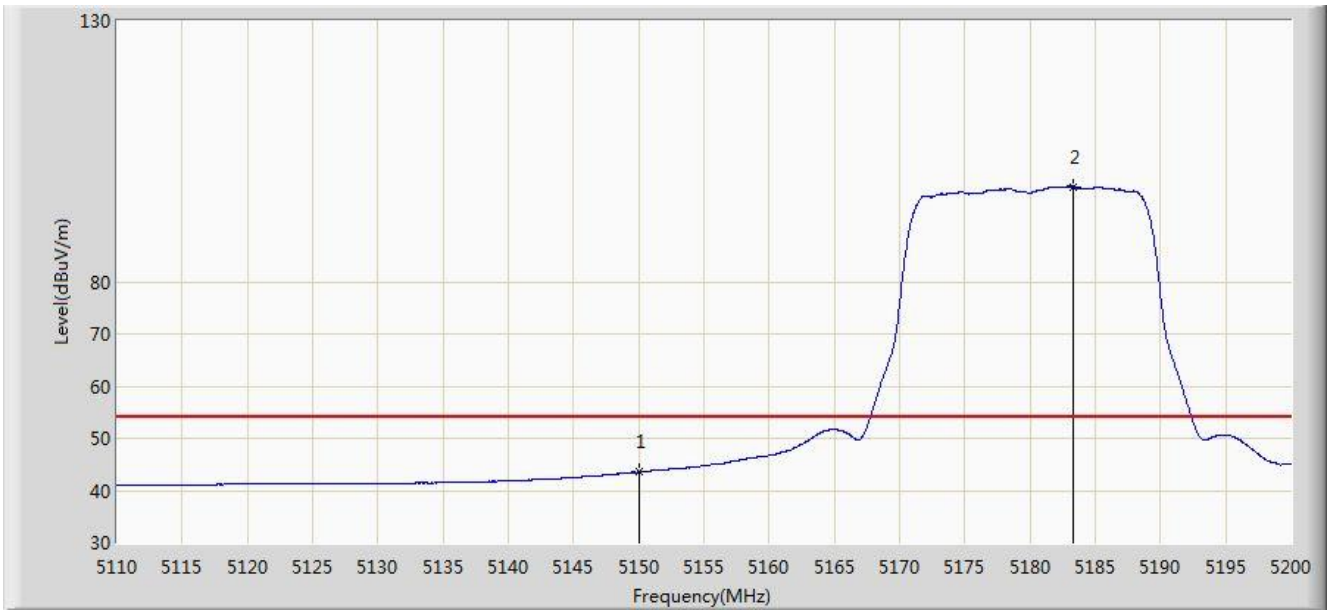


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5148.430 | 57.701 | 53.527 | -16.299 | 74.000 | 4.174 | PK |
| 2 | | | 5150.000 | 56.892 | 52.723 | -17.108 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.640 | 110.744 | 106.681 | N/A | N/A | 4.063 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:41 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3 | |

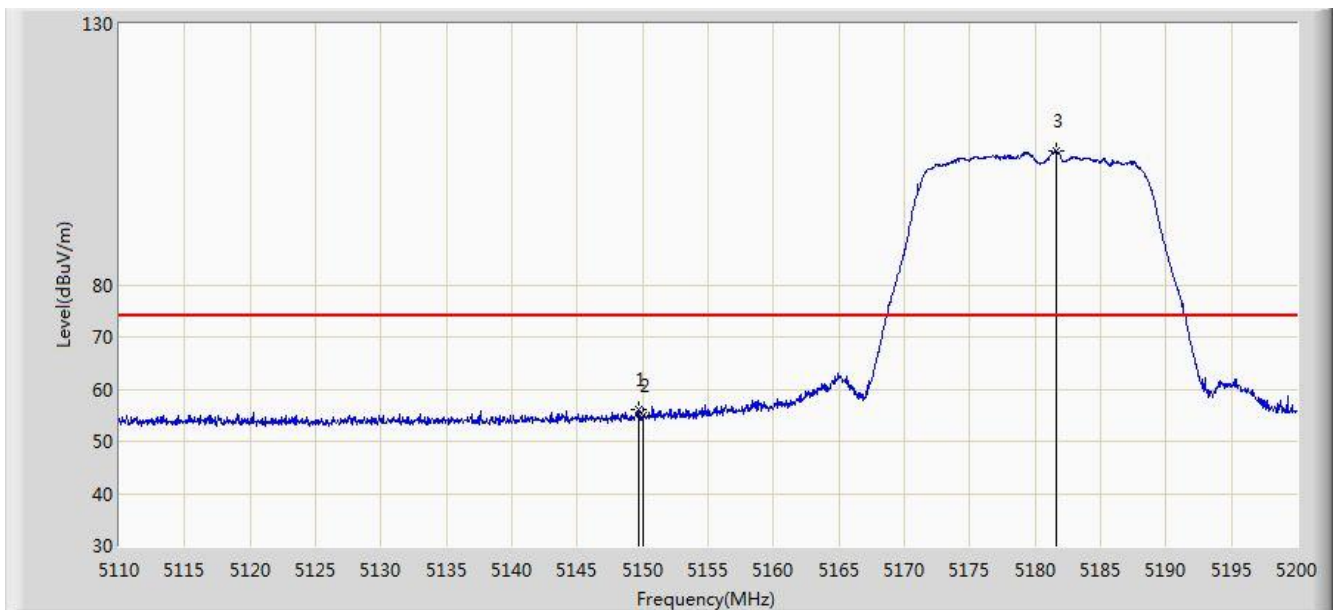


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 43.535 | 39.366 | -10.465 | 54.000 | 4.170 | AV |
| 2 | | * | 5183.305 | 98.250 | 94.193 | N/A | N/A | 4.057 | AV |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:42 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3 | |

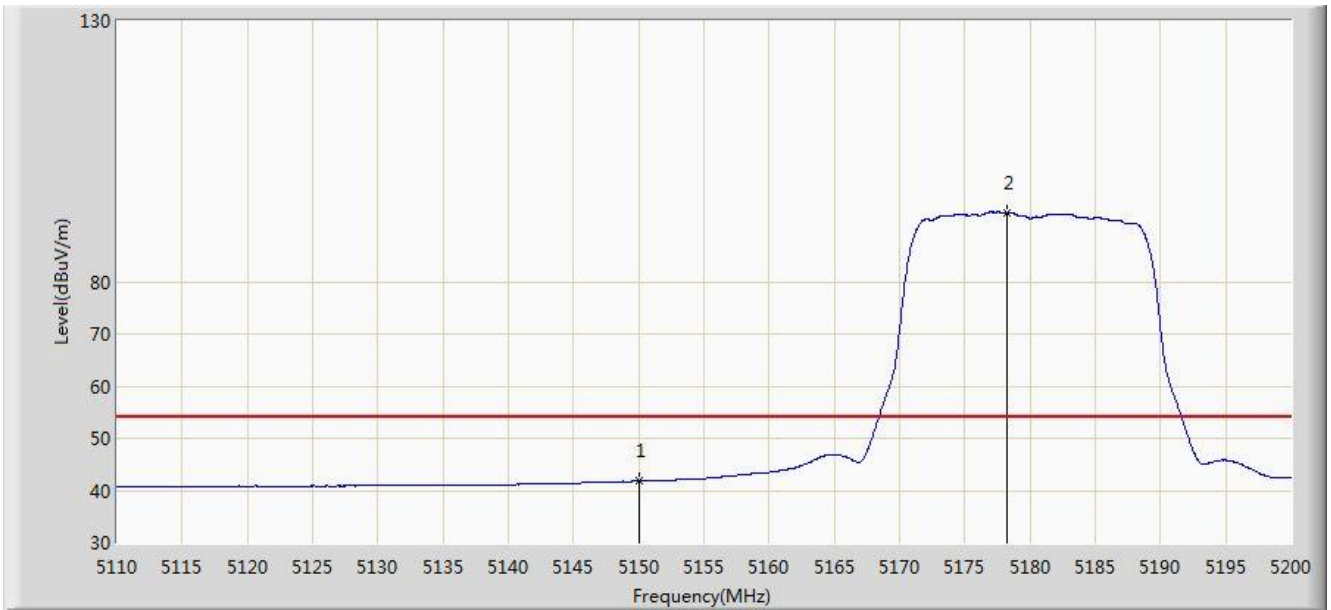


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.645 | 56.004 | 51.834 | -17.996 | 74.000 | 4.170 | PK |
| 2 | | | 5150.000 | 54.901 | 50.732 | -19.099 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.595 | 105.675 | 101.612 | N/A | N/A | 4.063 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 14:45 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 3 | |

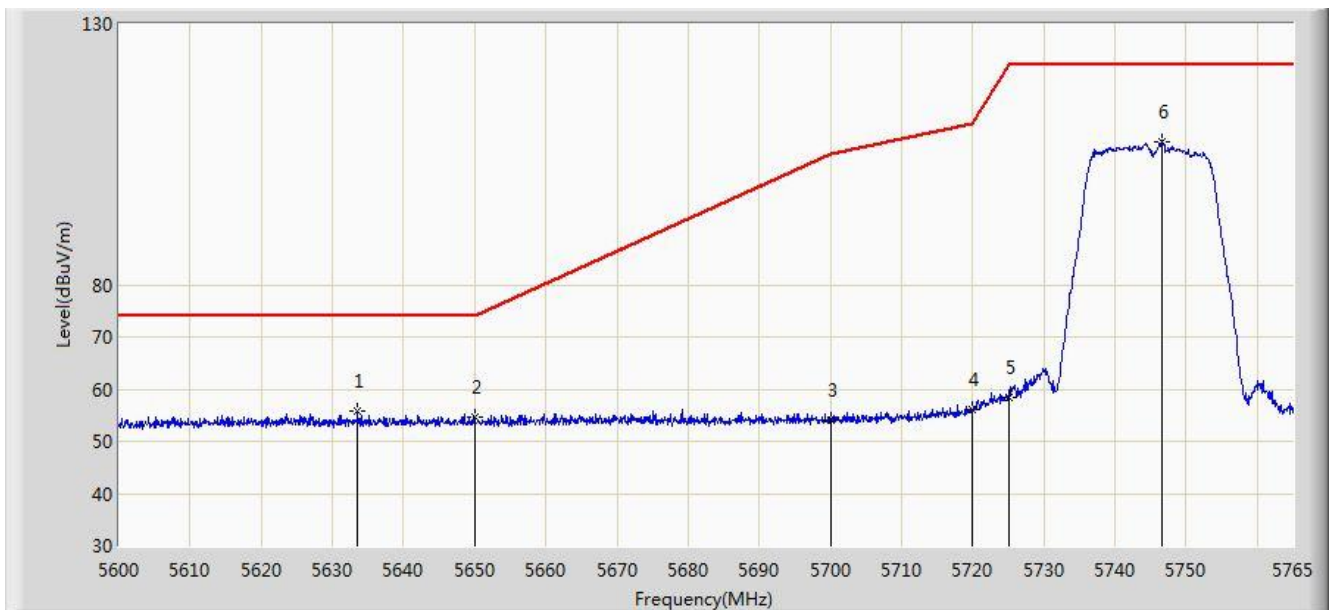


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.825 | 37.656 | -12.175 | 54.000 | 4.170 | AV |
| 2 | | * | 5178.265 | 93.238 | 89.163 | N/A | N/A | 4.075 | 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: 2016/09/13 - 18:13 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 3 | |

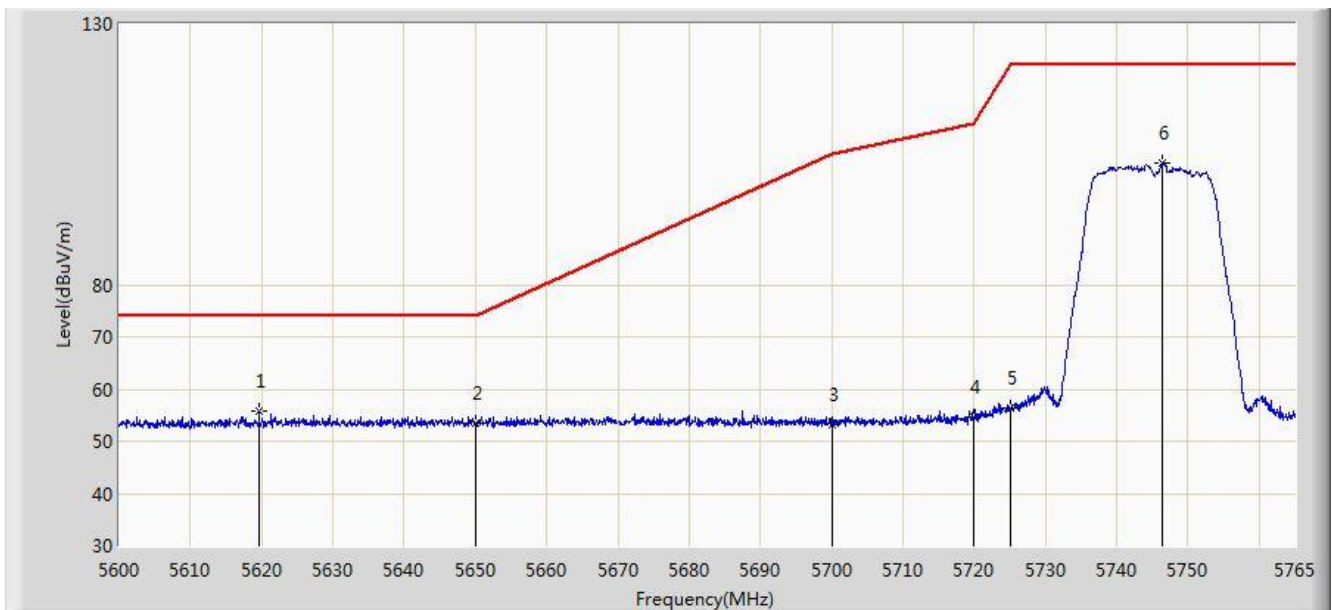


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5633.495 | 55.756 | 51.137 | -18.244 | 74.000 | 4.619 | PK |
| 2 | | | 5650.000 | 54.520 | 49.849 | -19.480 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.178 | 49.300 | -51.022 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 56.021 | 51.024 | -54.779 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 58.462 | 53.433 | -63.738 | 122.200 | 5.029 | PK |
| 6 | | * | 5746.520 | 107.516 | 102.352 | N/A | N/A | 5.163 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:14 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 3 | |

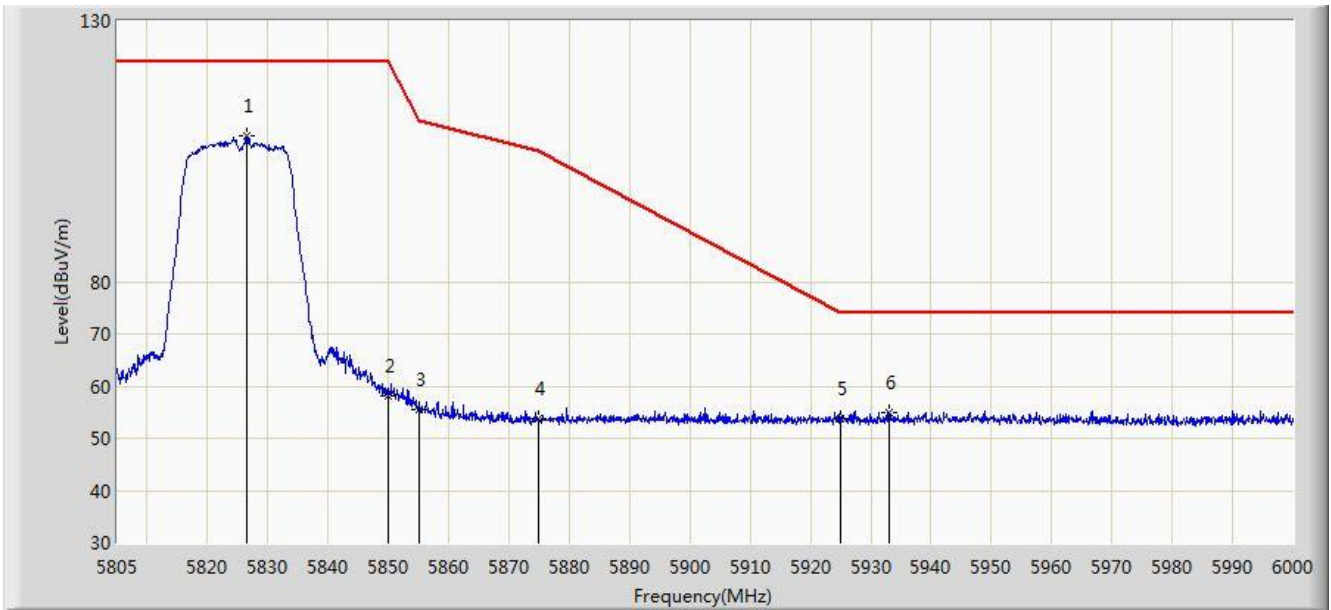


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5619.635 | 55.691 | 51.112 | -18.309 | 74.000 | 4.580 | PK |
| 2 | | | 5650.000 | 53.617 | 48.946 | -20.383 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.235 | 48.357 | -51.965 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 54.643 | 49.646 | -56.157 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 56.382 | 51.353 | -65.818 | 122.200 | 5.029 | PK |
| 6 | | | 5746.355 | 103.218 | 98.055 | N/A | N/A | 5.163 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:15 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 3 | |

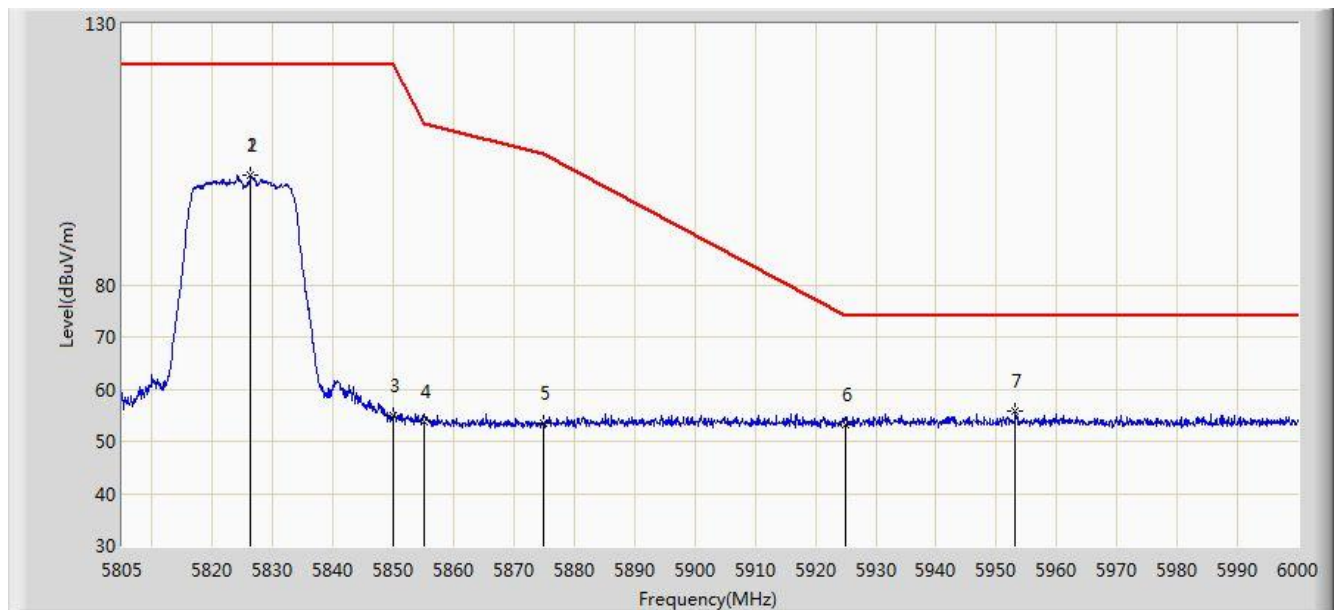


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5826.547 | 107.857 | 102.260 | N/A | N/A | 5.596 | PK |
| 2 | | | 5850.000 | 58.234 | 52.508 | -63.966 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 55.371 | 49.625 | -55.429 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.807 | 47.987 | -51.393 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.829 | 47.863 | -20.171 | 74.000 | 5.967 | PK |
| 6 | | | 5933.115 | 55.061 | 49.074 | -18.939 | 74.000 | 5.987 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:17 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 3 | |

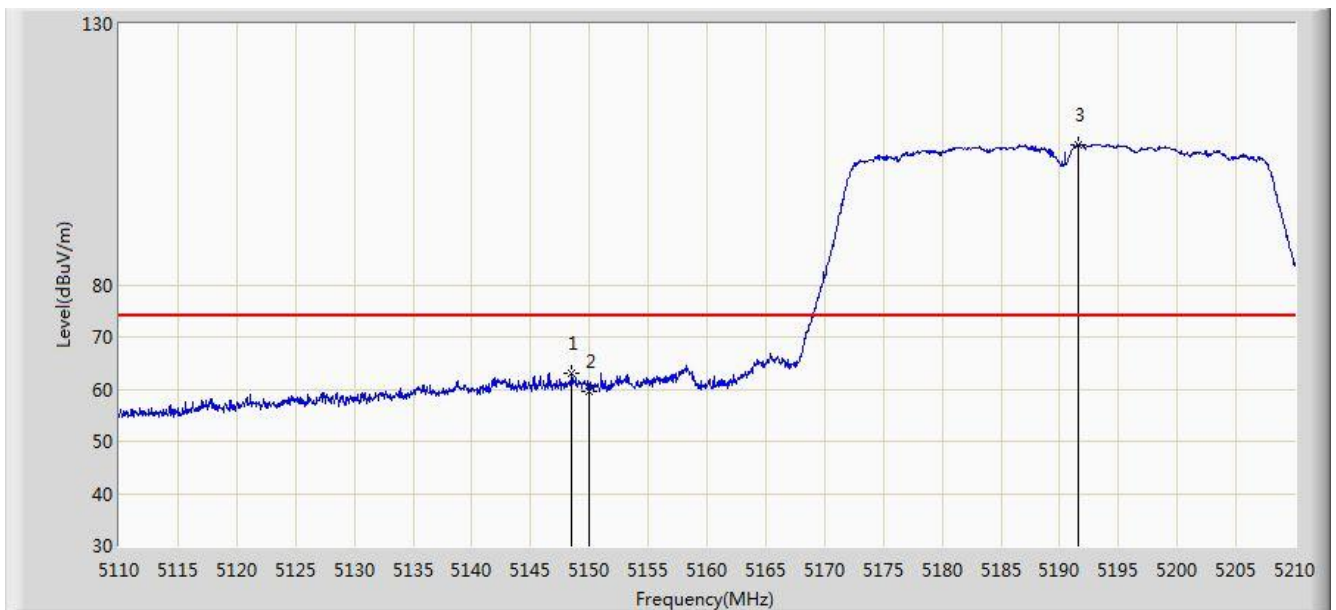


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5826.353 | 101.019 | 95.423 | N/A | N/A | 5.595 | PK |
| 2 | | | 5826.353 | 101.019 | 97.011 | -21.181 | 122.200 | 4.008 | PK |
| 3 | | | 5850.000 | 54.860 | 49.134 | -67.340 | 122.200 | 5.726 | PK |
| 4 | | | 5855.000 | 53.652 | 47.906 | -57.148 | 110.800 | 5.746 | PK |
| 5 | | | 5875.000 | 53.369 | 47.549 | -51.831 | 105.200 | 5.820 | PK |
| 6 | | | 5925.000 | 53.082 | 47.116 | -20.918 | 74.000 | 5.967 | PK |
| 7 | | * | 5953.103 | 55.779 | 49.747 | -18.221 | 74.000 | 6.032 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:18 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3 | |

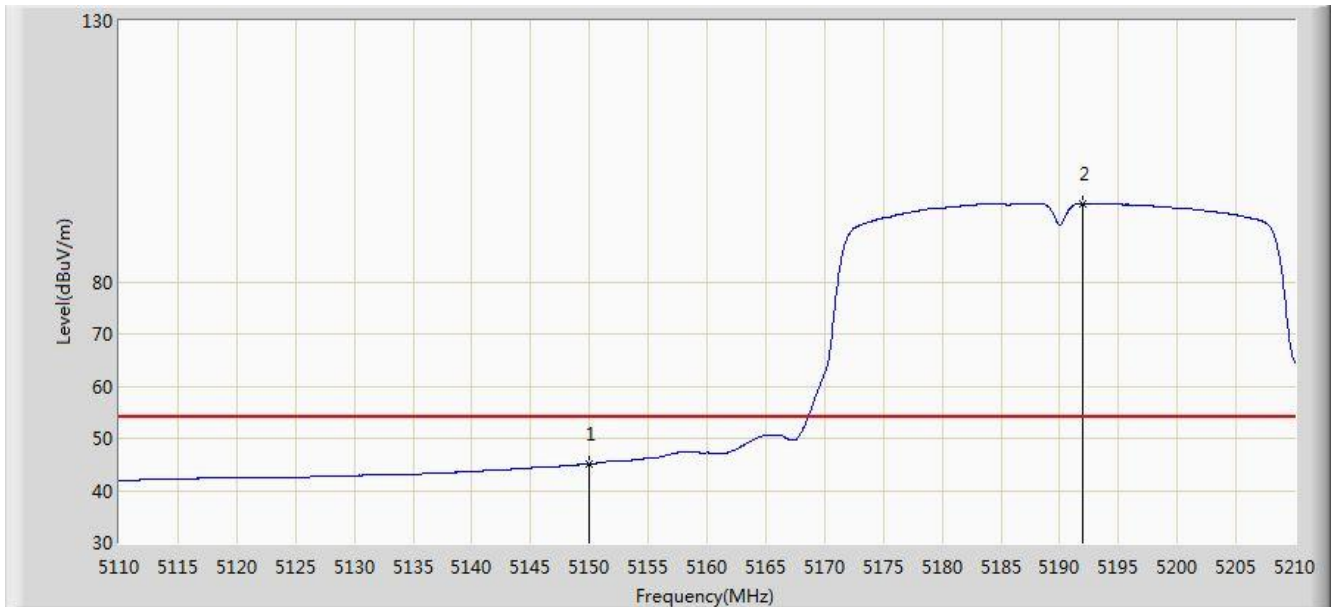


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5148.500 | 62.971 | 58.797 | -11.029 | 74.000 | 4.173 | PK |
| 2 | | | 5150.000 | 59.548 | 55.379 | -14.452 | 74.000 | 4.170 | PK |
| 3 | | * | 5191.600 | 106.940 | 102.912 | N/A | N/A | 4.027 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:38 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3 | |

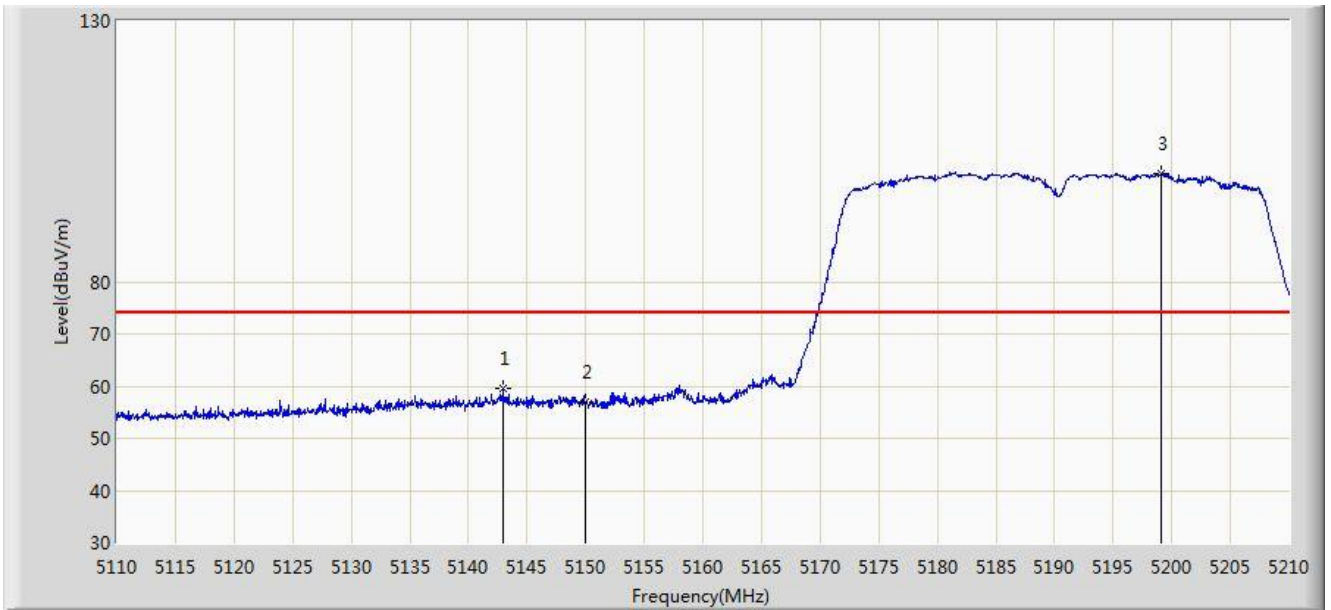


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 45.080 | 40.911 | -8.920 | 54.000 | 4.170 | AV |
| 2 | | * | 5191.950 | 95.067 | 91.041 | N/A | N/A | 4.027 | AV |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:39 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3 | |

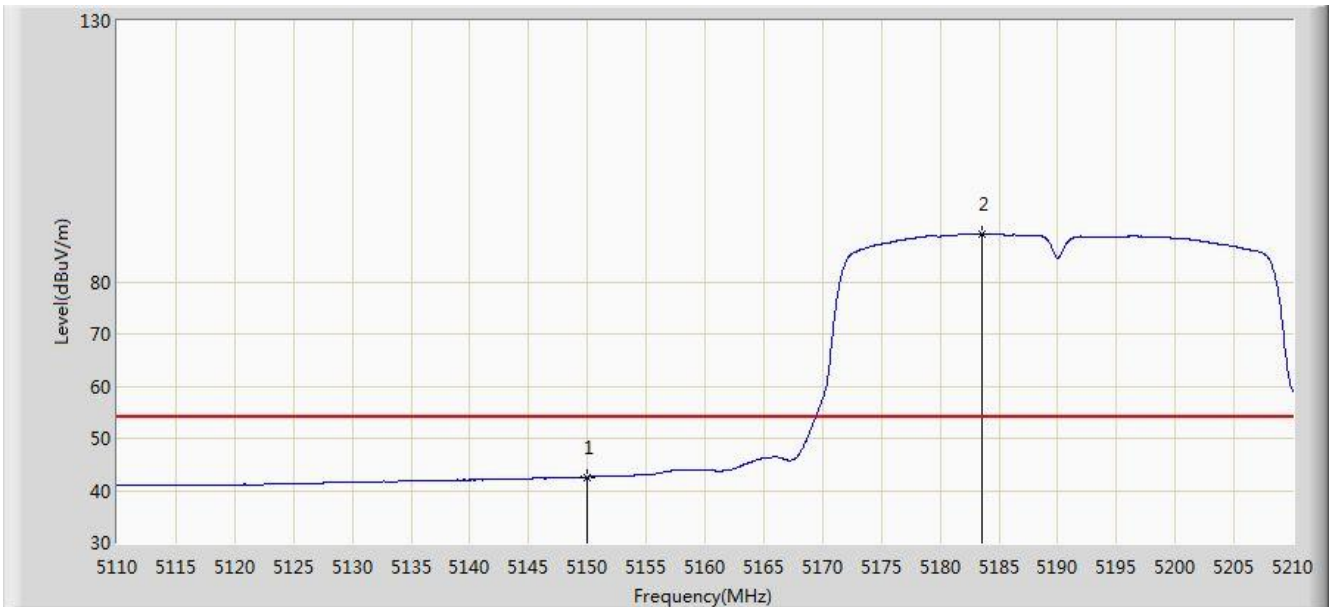


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5142.950 | 59.502 | 55.326 | -14.498 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 56.918 | 52.749 | -17.082 | 74.000 | 4.170 | PK |
| 3 | | * | 5199.100 | 100.849 | 96.848 | N/A | N/A | 4.002 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 18:44 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 3 | |

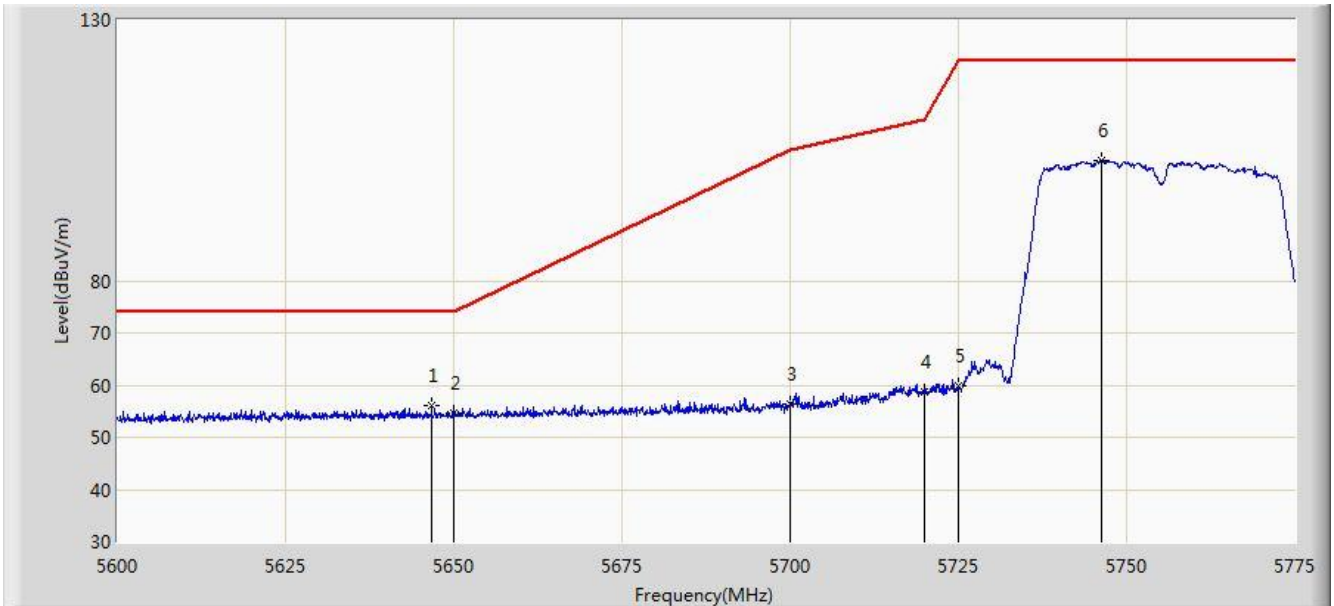


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 42.591 | 38.422 | -11.409 | 54.000 | 4.170 | AV |
| 2 | | * | 5183.500 | 89.215 | 85.159 | N/A | N/A | 4.057 | AV |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 19:23 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 3 | |

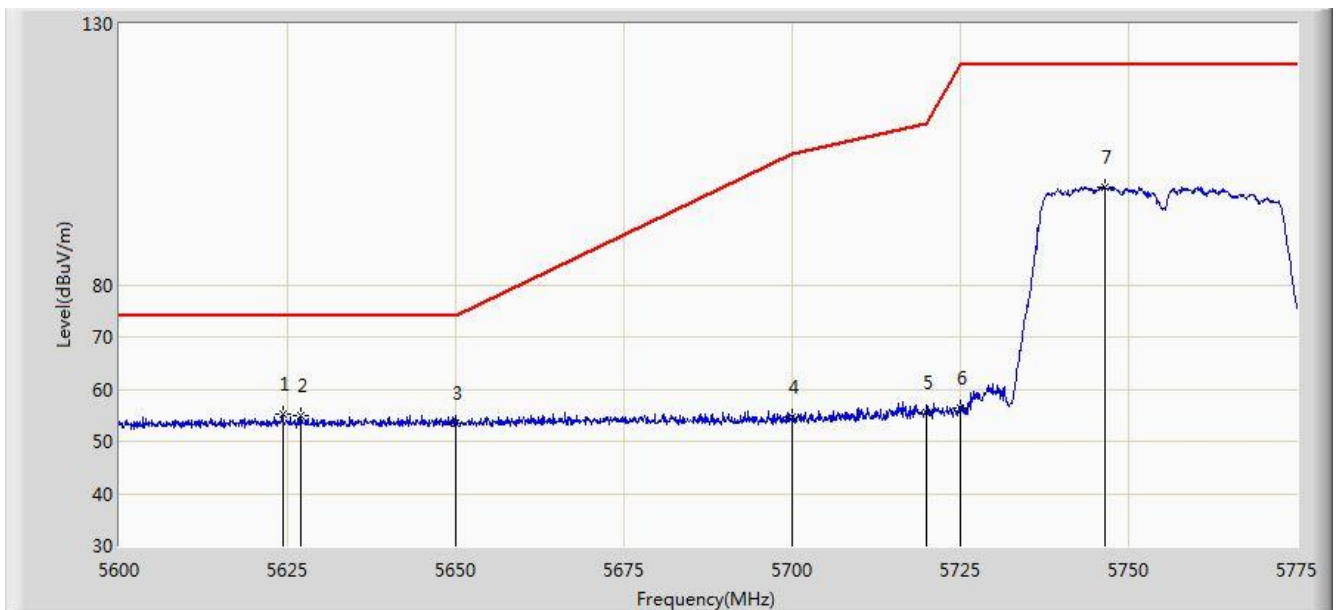


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5646.725 | 56.022 | 51.362 | -17.978 | 74.000 | 4.660 | PK |
| 2 | | | 5650.000 | 54.754 | 50.083 | -19.246 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 56.417 | 51.539 | -48.783 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 58.593 | 53.596 | -52.207 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 59.727 | 54.698 | -62.473 | 122.200 | 5.029 | PK |
| 6 | | | 5746.300 | 103.145 | 97.983 | 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: 2016/09/13 - 19:28 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 3 | |

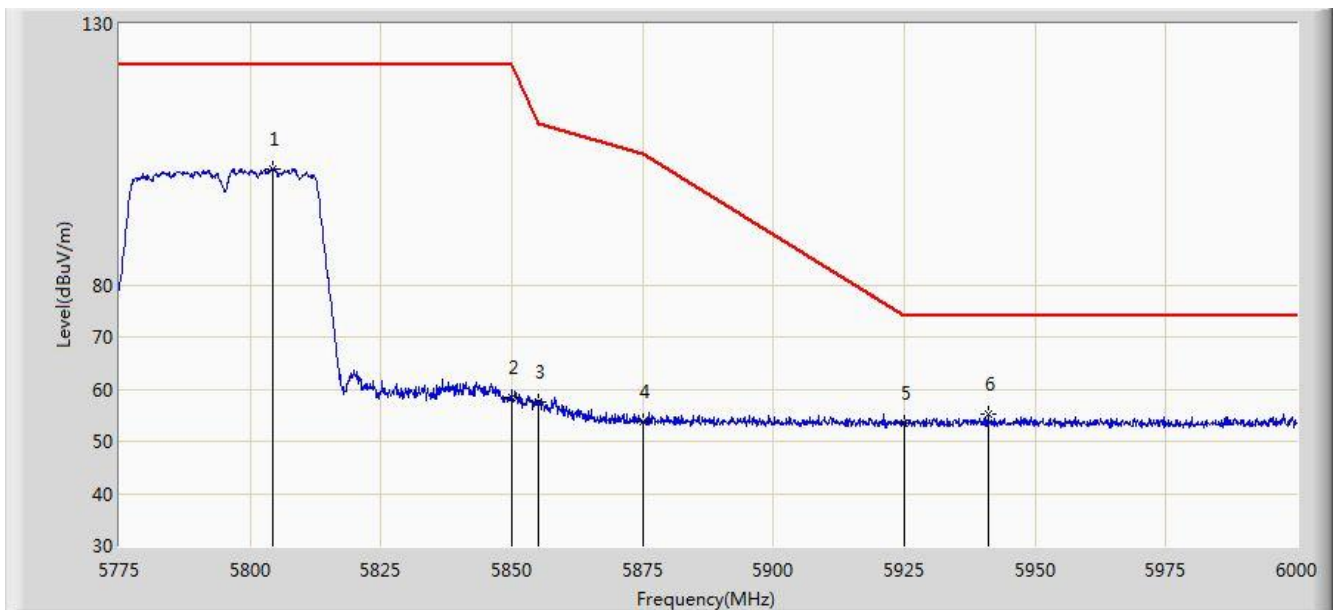


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5624.237 | 55.288 | 50.695 | -18.712 | 74.000 | 4.592 | PK |
| 2 | | | 5626.950 | 55.001 | 50.401 | -18.999 | 74.000 | 4.601 | PK |
| 3 | | | 5650.000 | 53.492 | 48.821 | -20.508 | 74.000 | 4.671 | PK |
| 4 | | | 5700.000 | 54.771 | 49.893 | -50.429 | 105.200 | 4.878 | PK |
| 5 | | | 5720.000 | 55.592 | 50.595 | -55.208 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 56.339 | 51.310 | -65.861 | 122.200 | 5.029 | PK |
| 7 | | | 5746.562 | 98.800 | 93.636 | N/A | N/A | 5.164 | 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: 2016/09/13 - 19:35 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 3 | |

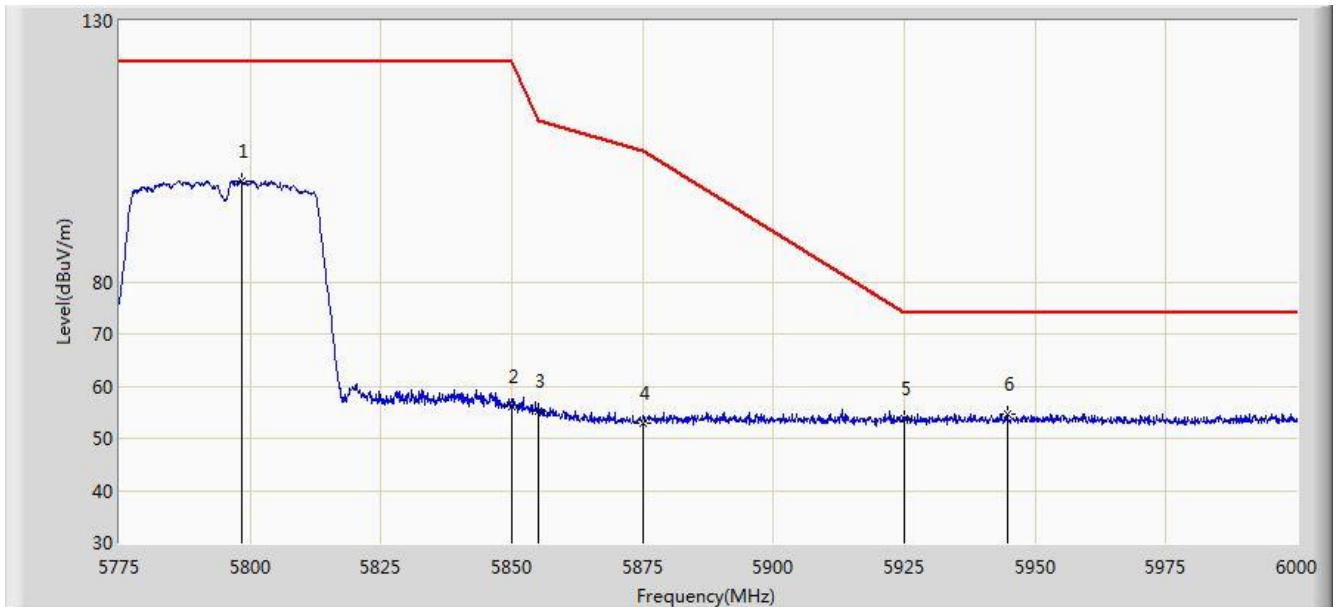


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5804.250 | 102.279 | 96.810 | N/A | N/A | 5.469 | PK |
| 2 | | | 5850.000 | 58.500 | 52.774 | -63.700 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 57.505 | 51.759 | -53.295 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.848 | 48.028 | -51.352 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.582 | 47.616 | -20.418 | 74.000 | 5.967 | PK |
| 6 | | * | 5940.937 | 55.238 | 49.232 | -18.762 | 74.000 | 6.006 | PK |

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

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

| | |
|--------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 19:38 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 3 | |

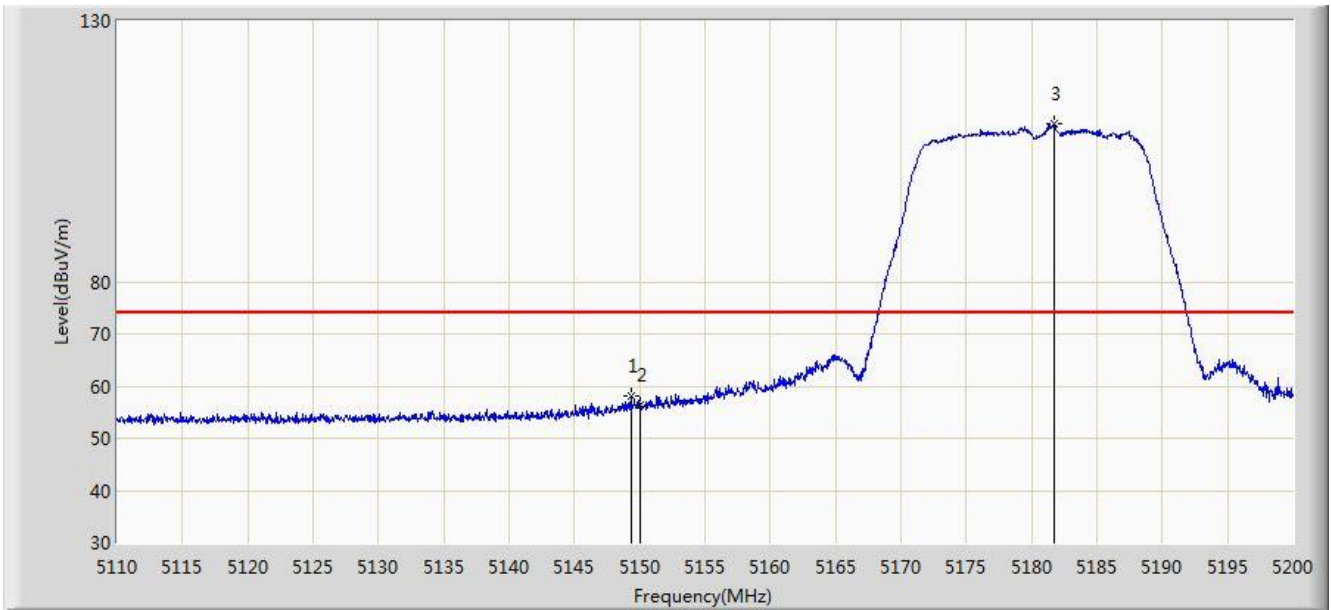


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5798.288 | 99.288 | 93.852 | N/A | N/A | 5.436 | PK |
| 2 | | | 5850.000 | 56.161 | 50.435 | -66.039 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 55.128 | 49.382 | -55.672 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.008 | 47.188 | -52.192 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.655 | 47.689 | -20.345 | 74.000 | 5.967 | PK |
| 6 | | * | 5944.650 | 54.725 | 48.710 | -19.275 | 74.000 | 6.015 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 19:40 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3 | |

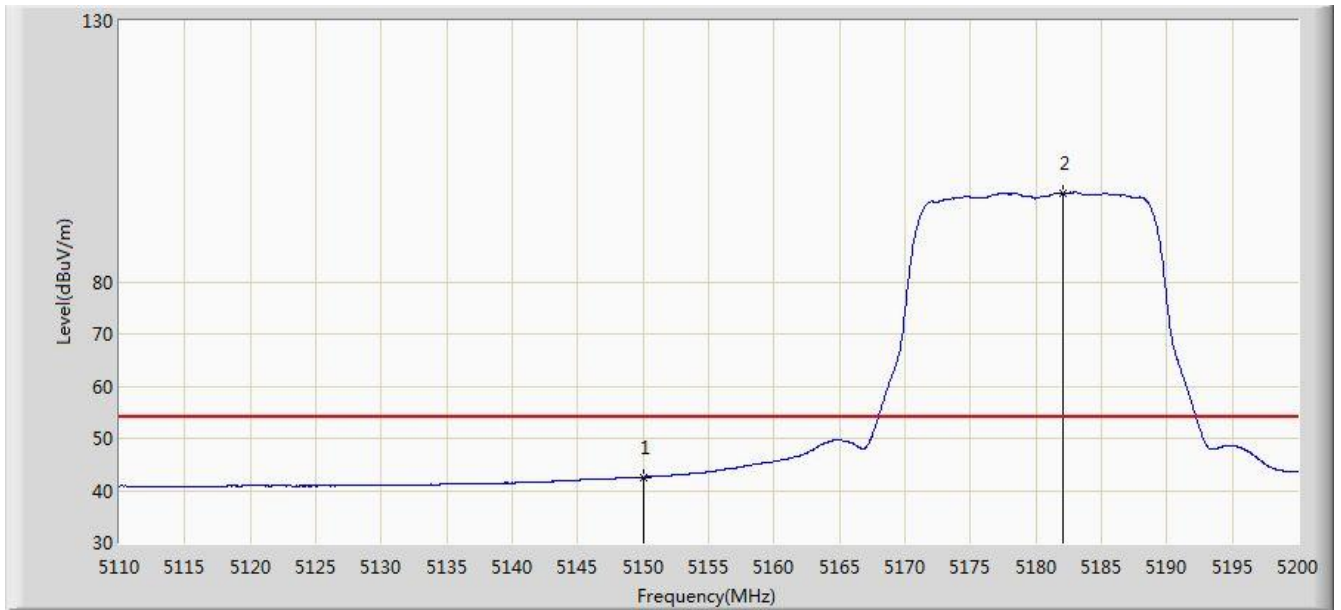


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.330 | 57.983 | 53.812 | -16.017 | 74.000 | 4.171 | PK |
| 2 | | | 5150.000 | 56.357 | 52.188 | -17.643 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.685 | 110.163 | 106.100 | N/A | N/A | 4.063 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 19:42 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3 | |

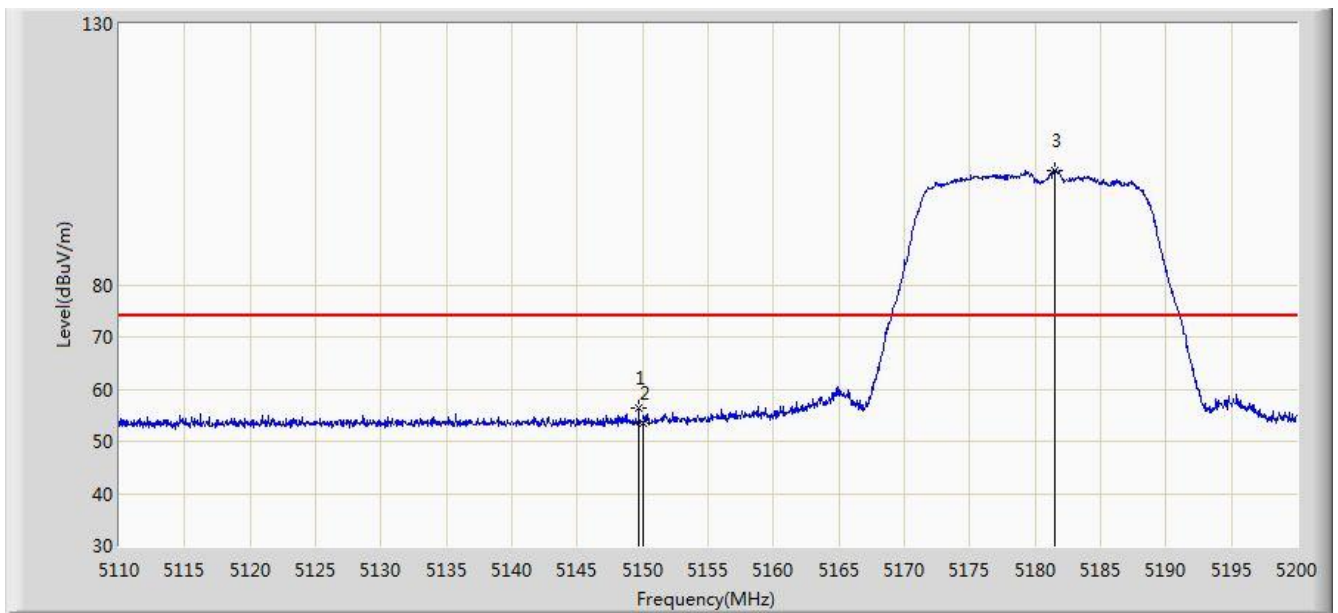


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 42.570 | 38.401 | -11.430 | 54.000 | 4.170 | AV |
| 2 | | * | 5182.045 | 97.003 | 92.941 | N/A | N/A | 4.061 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 19:42 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3 | |

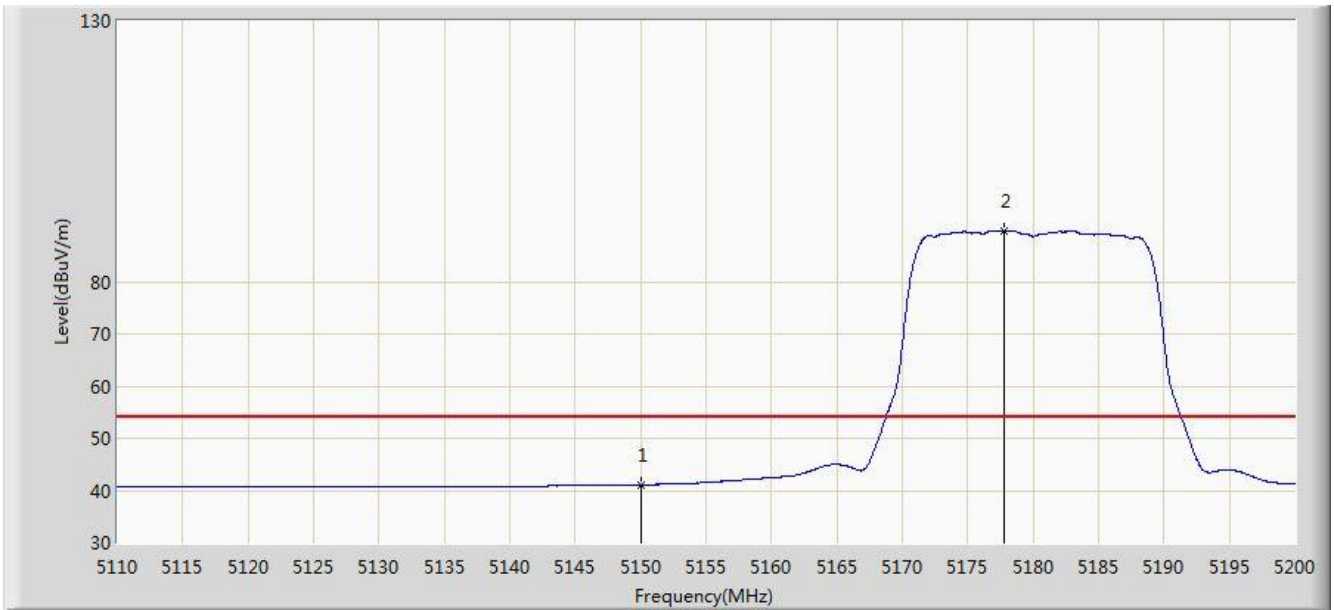


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.690 | 56.471 | 52.301 | -17.529 | 74.000 | 4.170 | PK |
| 2 | | | 5150.000 | 53.568 | 49.399 | -20.432 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.505 | 101.965 | 97.902 | N/A | N/A | 4.064 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 19:43 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 3 | |

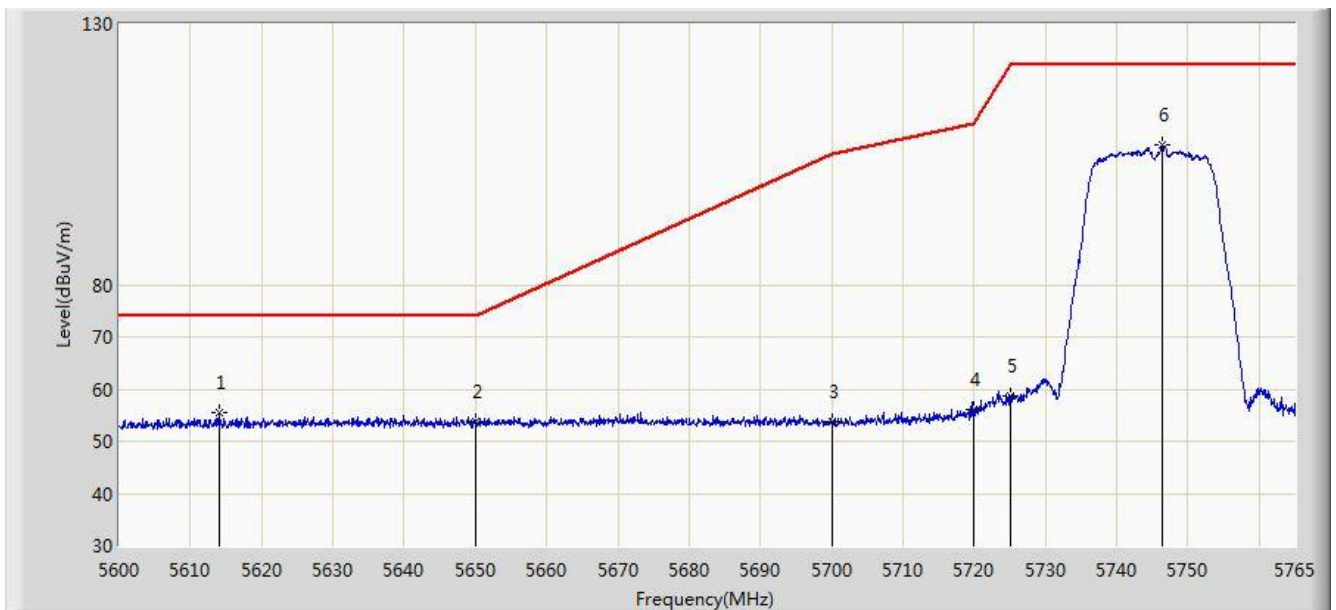


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.100 | 36.931 | -12.900 | 54.000 | 4.170 | AV |
| 2 | | * | 5177.815 | 89.808 | 85.731 | N/A | N/A | 4.076 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:23 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 3 | |

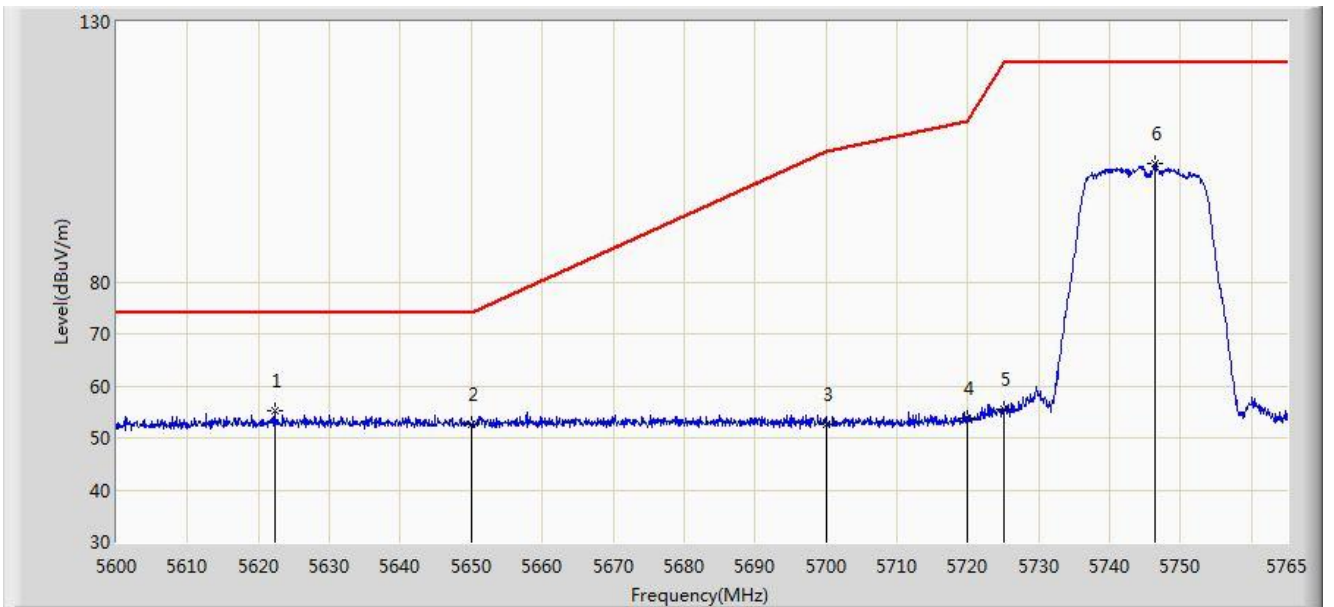


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5614.025 | 55.588 | 51.025 | -18.412 | 74.000 | 4.563 | PK |
| 2 | | | 5650.000 | 53.894 | 49.223 | -20.106 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.674 | 48.796 | -51.526 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 56.139 | 51.142 | -54.661 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 58.781 | 53.752 | -63.419 | 122.200 | 5.029 | PK |
| 6 | | * | 5746.437 | 106.694 | 101.531 | N/A | N/A | 5.163 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:25 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 3 | |

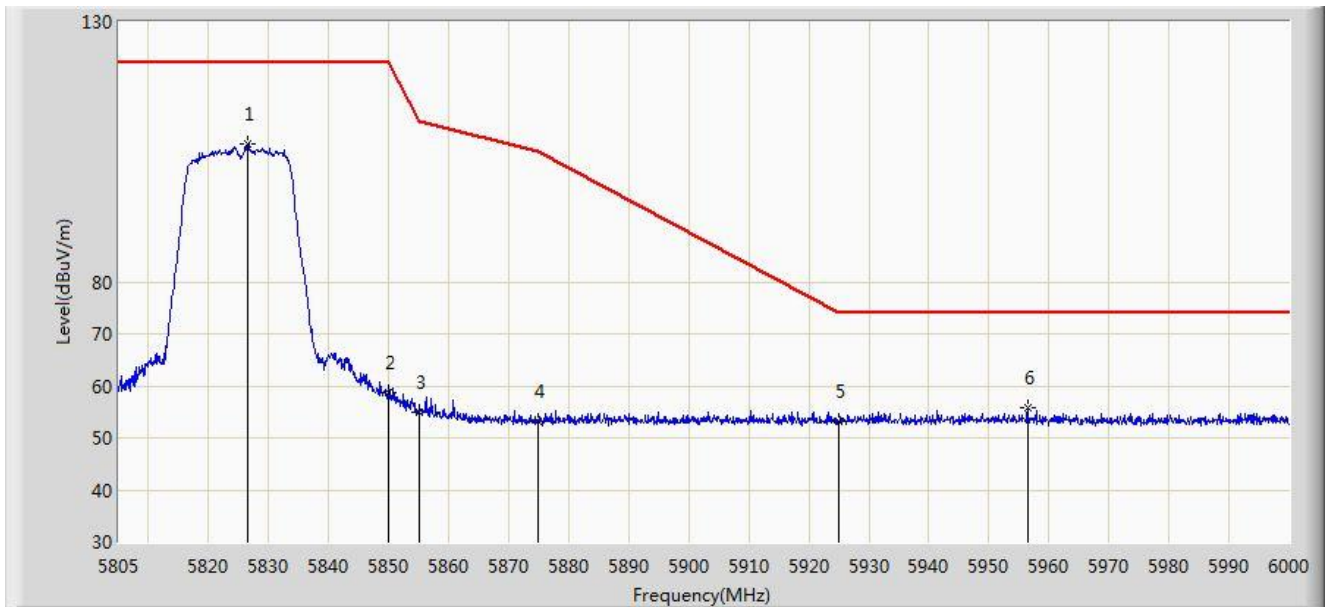


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5622.275 | 55.171 | 50.584 | -18.829 | 74.000 | 4.587 | PK |
| 2 | | | 5650.000 | 52.541 | 47.870 | -21.459 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 52.504 | 47.626 | -52.696 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 53.783 | 48.786 | -57.017 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 55.498 | 50.469 | -66.702 | 122.200 | 5.029 | PK |
| 6 | | | 5746.437 | 102.871 | 97.708 | N/A | N/A | 5.163 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:26 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 3 | |

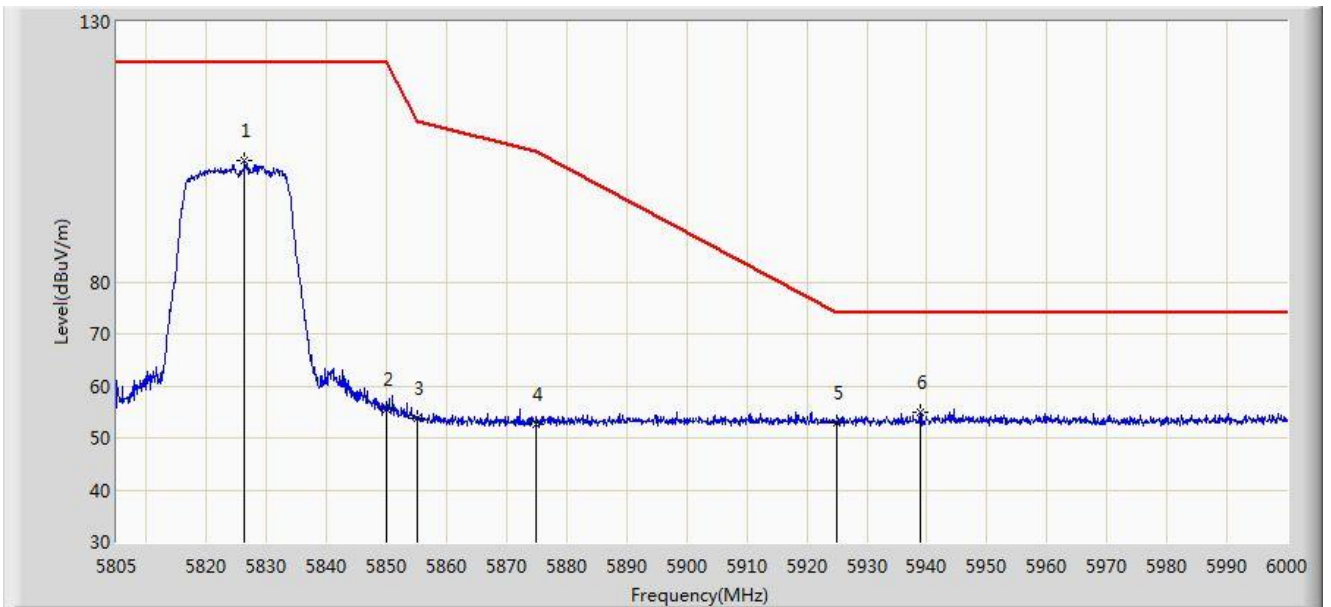


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5826.450 | 106.490 | 100.894 | N/A | N/A | 5.596 | PK |
| 2 | | | 5850.000 | 58.712 | 52.986 | -63.488 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.849 | 49.103 | -55.951 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.238 | 47.418 | -51.962 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.139 | 47.173 | -20.861 | 74.000 | 5.967 | PK |
| 6 | | | 5956.417 | 55.820 | 49.782 | -18.180 | 74.000 | 6.038 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:27 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 3 | |

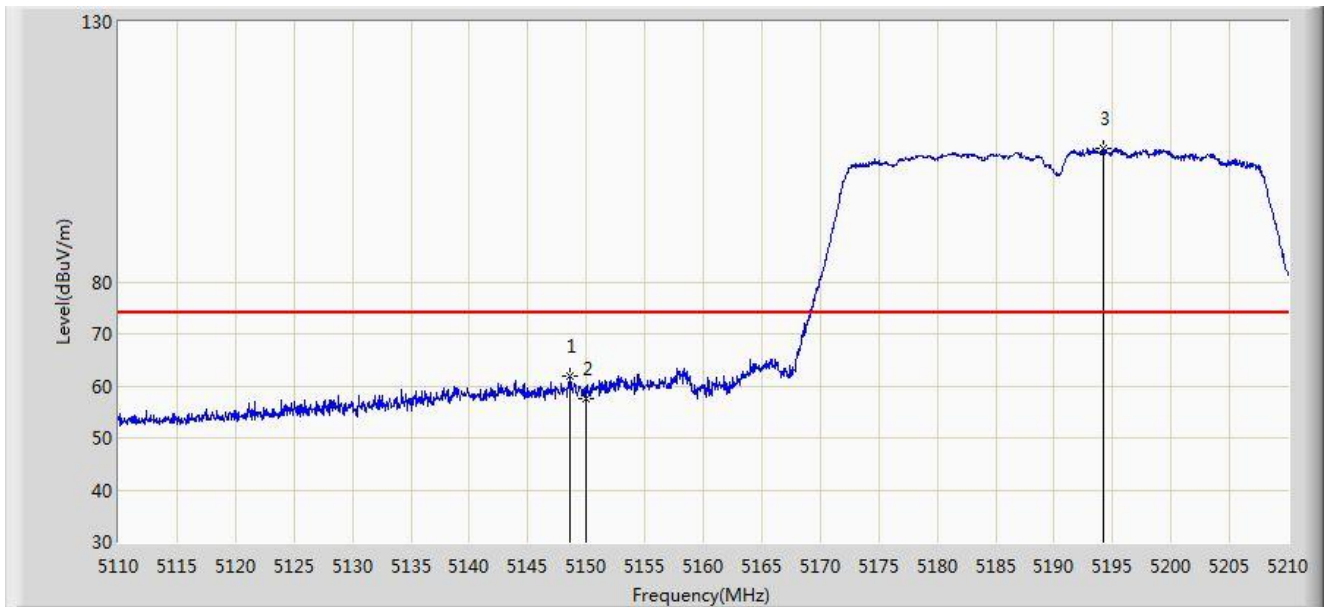


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5826.353 | 103.342 | 97.746 | N/A | N/A | 5.595 | PK |
| 2 | | | 5850.000 | 55.618 | 49.892 | -66.582 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 53.713 | 47.967 | -57.087 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 52.694 | 46.874 | -52.506 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 52.991 | 47.025 | -21.009 | 74.000 | 5.967 | PK |
| 6 | | | 5938.965 | 55.001 | 49.000 | -18.999 | 74.000 | 6.001 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:29 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3 | |

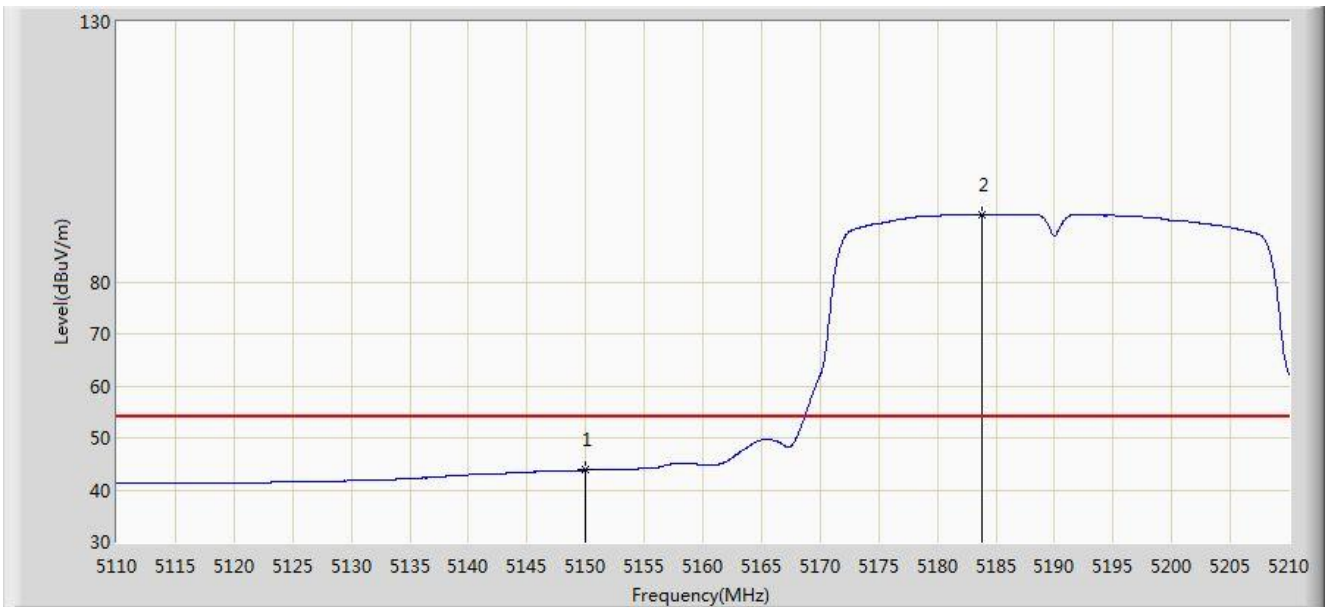


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5148.600 | 61.809 | 57.635 | -12.191 | 74.000 | 4.173 | PK |
| 2 | | | 5150.000 | 57.508 | 53.339 | -16.492 | 74.000 | 4.170 | PK |
| 3 | | * | 5194.150 | 105.749 | 101.730 | N/A | N/A | 4.019 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:30 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3 | |

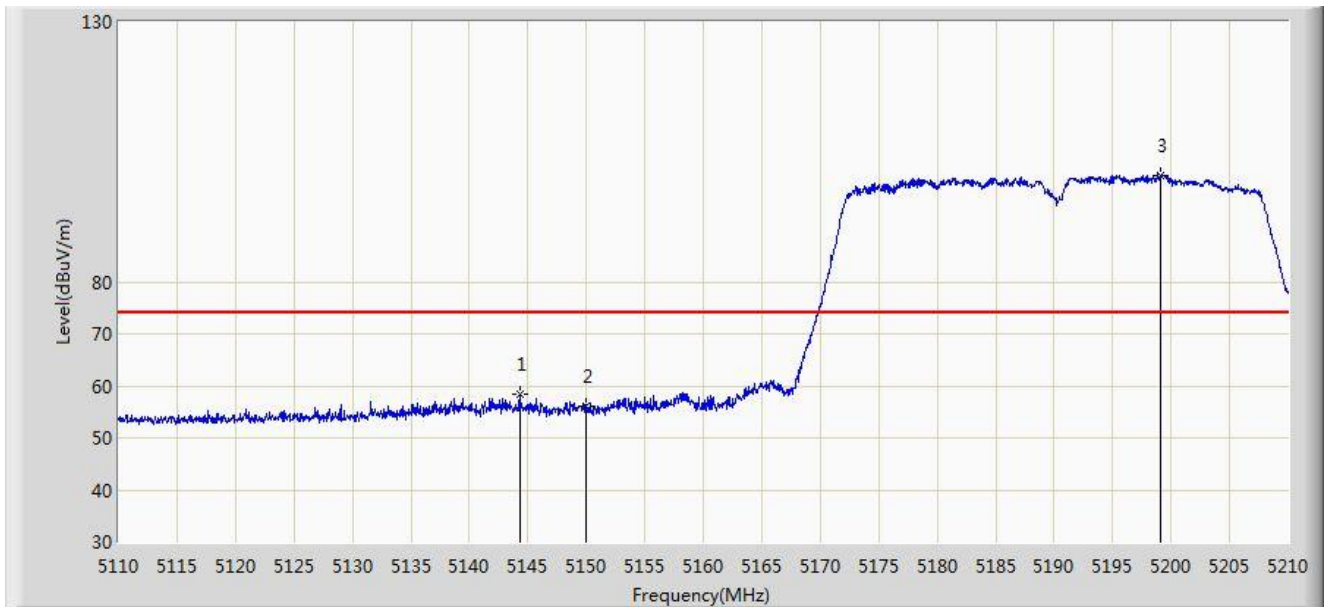


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 43.871 | 39.702 | -10.129 | 54.000 | 4.170 | AV |
| 2 | | * | 5183.800 | 92.994 | 88.939 | N/A | N/A | 4.056 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:30 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3 | |

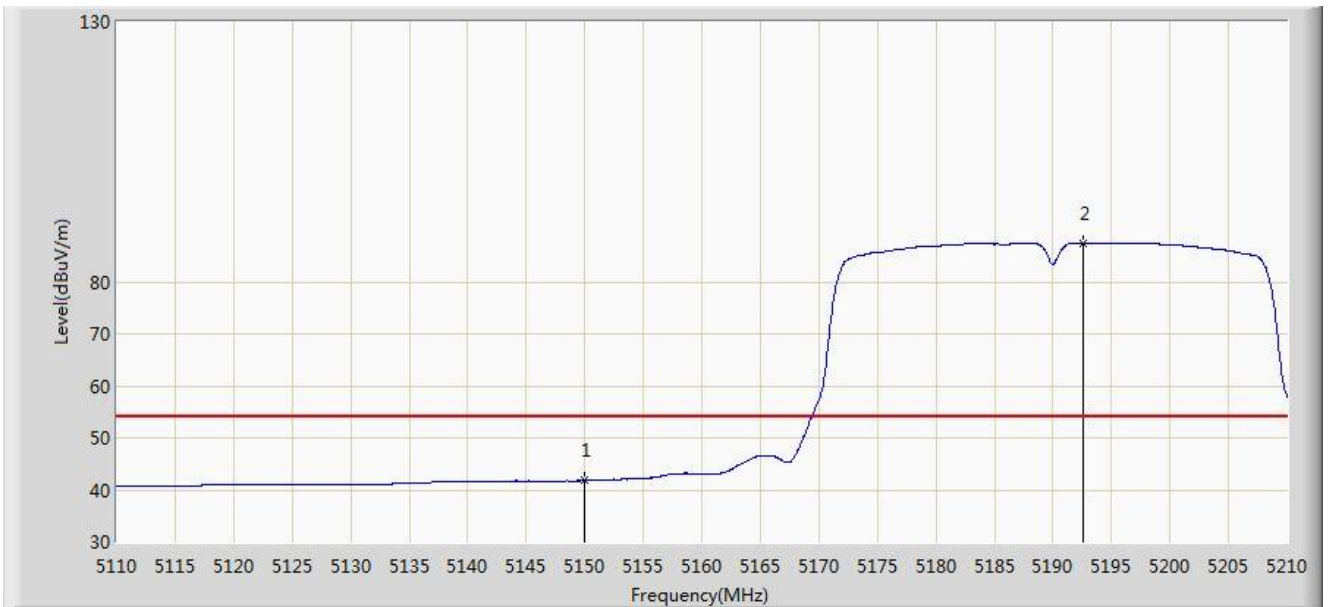


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5144.300 | 58.440 | 54.264 | -15.560 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 56.222 | 52.053 | -17.778 | 74.000 | 4.170 | PK |
| 3 | | * | 5199.050 | 100.472 | 96.471 | N/A | N/A | 4.002 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:32 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 3 | |

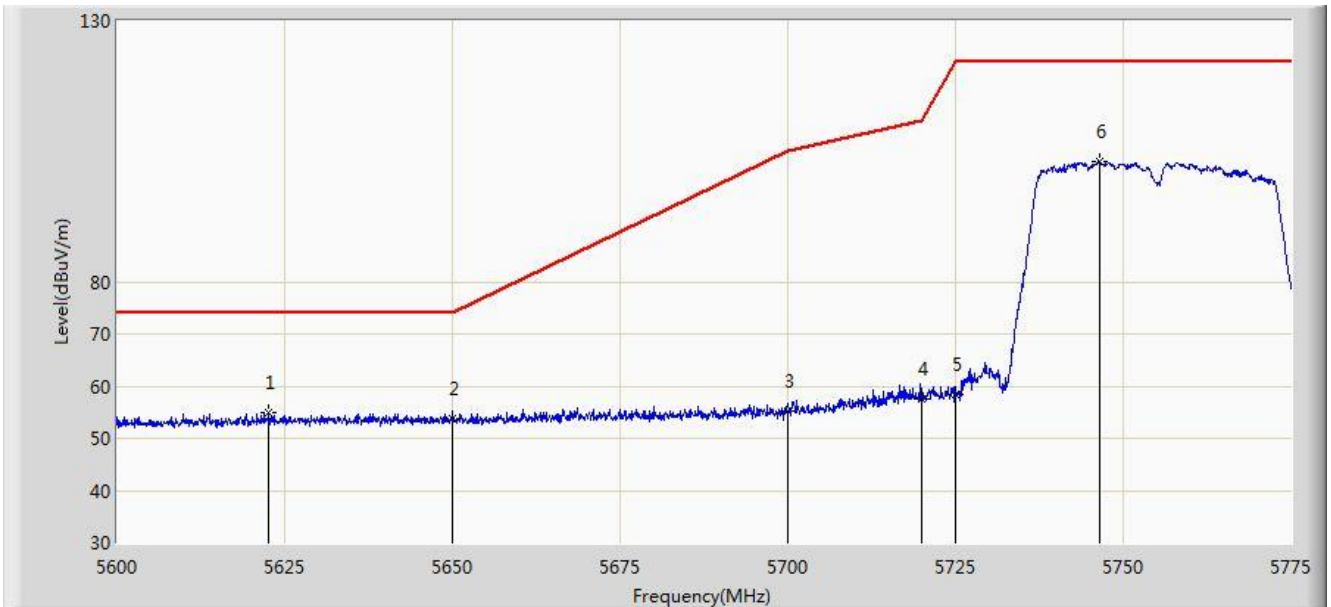


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.766 | 37.597 | -12.234 | 54.000 | 4.170 | AV |
| 2 | | * | 5192.550 | 87.416 | 83.392 | N/A | N/A | 4.024 | 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: 2016/09/13 - 20:44 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 3 | |

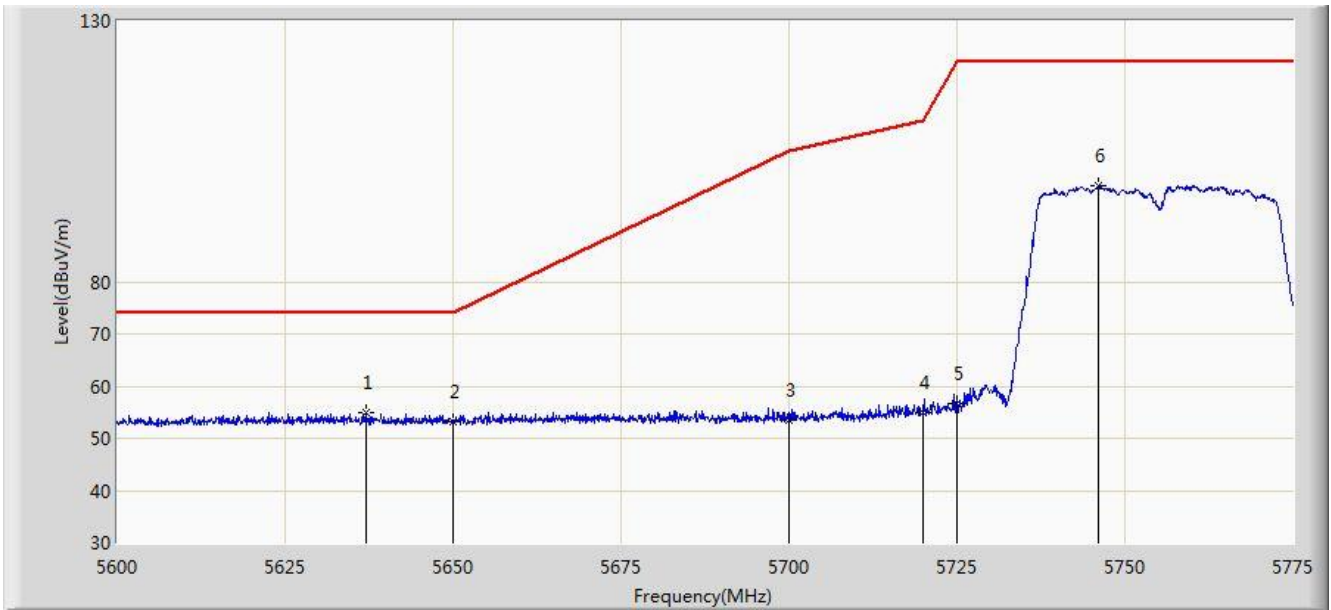


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5622.663 | 54.974 | 50.386 | -19.026 | 74.000 | 4.589 | PK |
| 2 | | | 5650.000 | 53.849 | 49.178 | -20.151 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 55.122 | 50.244 | -50.078 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 57.679 | 52.682 | -53.121 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 58.413 | 53.384 | -63.787 | 122.200 | 5.029 | PK |
| 6 | | | 5746.562 | 102.963 | 97.799 | N/A | N/A | 5.164 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:46 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 3 | |

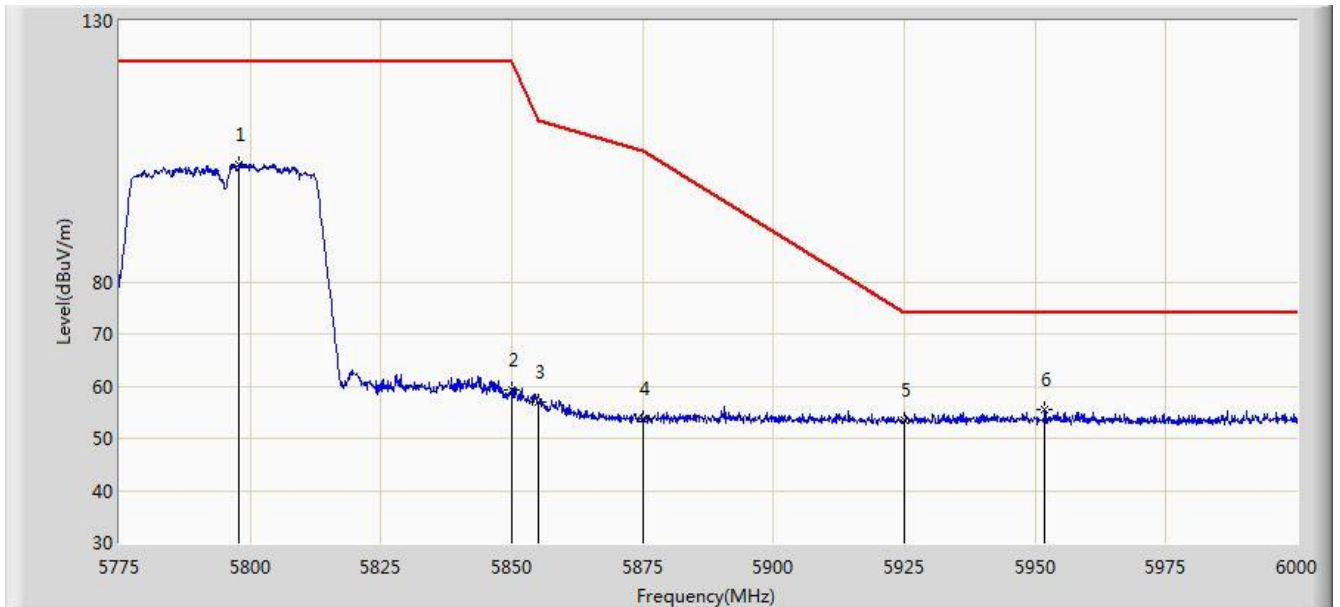


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5637.100 | 55.040 | 50.411 | -18.960 | 74.000 | 4.630 | PK |
| 2 | | | 5650.000 | 53.274 | 48.603 | -20.726 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.572 | 48.694 | -51.628 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 54.816 | 49.819 | -55.984 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 56.803 | 51.774 | -65.397 | 122.200 | 5.029 | PK |
| 6 | | | 5745.950 | 98.265 | 93.105 | N/A | N/A | 5.161 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:48 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 3 | |

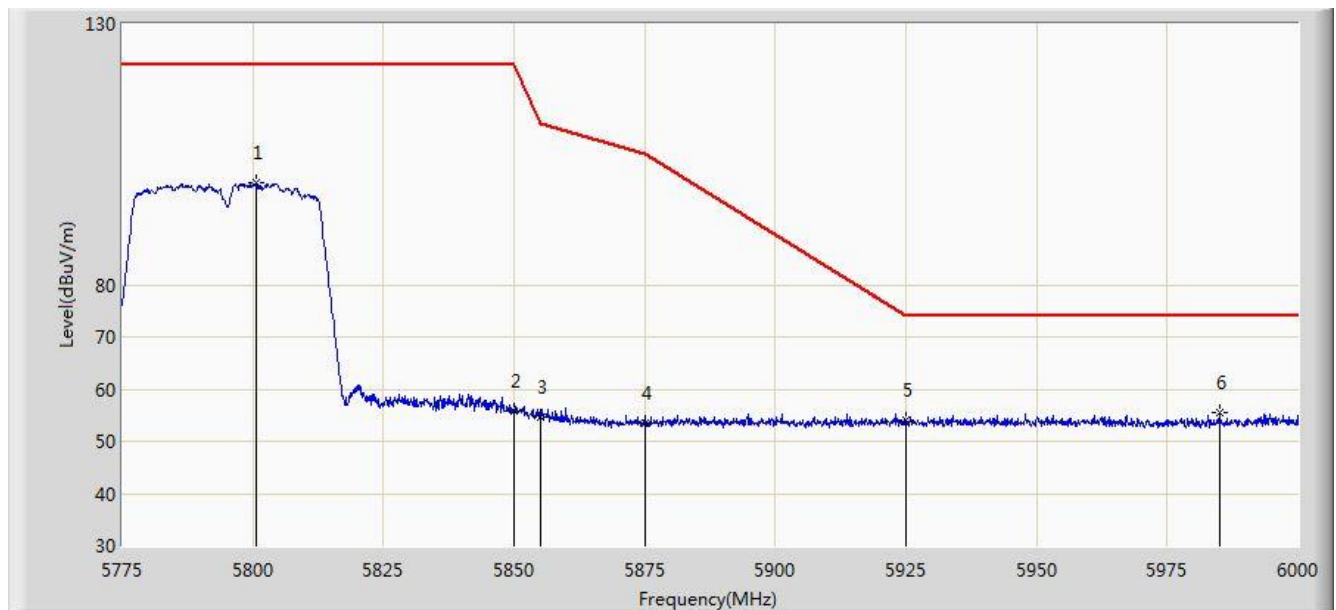


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5797.837 | 102.586 | 97.153 | N/A | N/A | 5.433 | PK |
| 2 | | | 5850.000 | 59.327 | 53.601 | -62.873 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 57.018 | 51.272 | -53.782 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.681 | 47.861 | -51.519 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.348 | 47.382 | -20.652 | 74.000 | 5.967 | PK |
| 6 | | * | 5951.850 | 55.550 | 49.520 | -18.450 | 74.000 | 6.030 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:50 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 3 | |

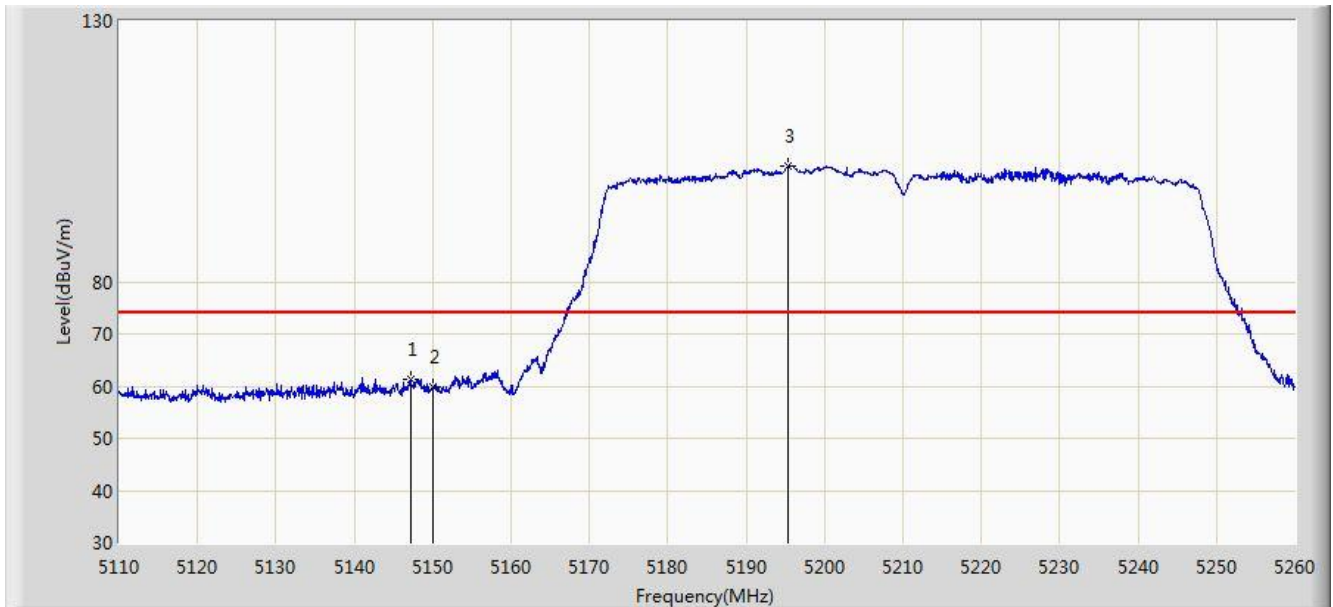


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5800.538 | 99.472 | 94.024 | N/A | N/A | 5.449 | PK |
| 2 | | | 5850.000 | 55.721 | 49.995 | -66.479 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 54.597 | 48.851 | -56.203 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.546 | 47.726 | -51.654 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.926 | 47.960 | -20.074 | 74.000 | 5.967 | PK |
| 6 | | * | 5984.925 | 55.396 | 49.310 | -18.604 | 74.000 | 6.085 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:52 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3 | |

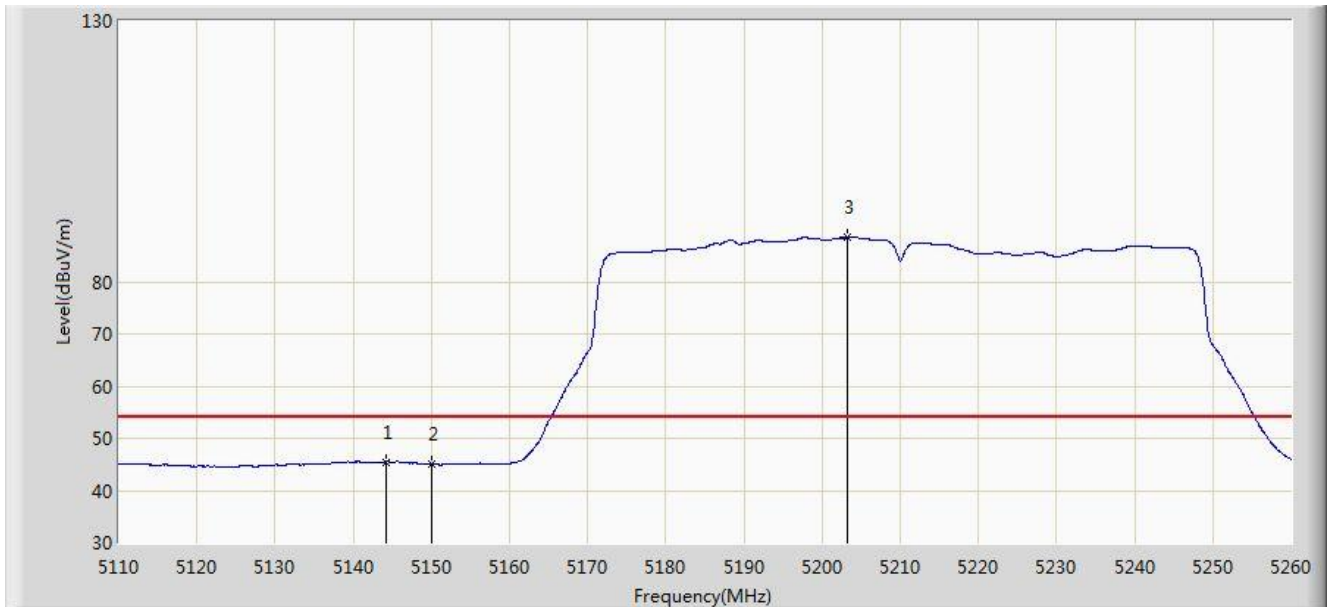


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5147.125 | 61.275 | 57.099 | -12.725 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 59.754 | 55.585 | -14.246 | 74.000 | 4.170 | PK |
| 3 | | * | 5195.275 | 102.240 | 98.225 | N/A | N/A | 4.015 | PK |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:53 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3 | |

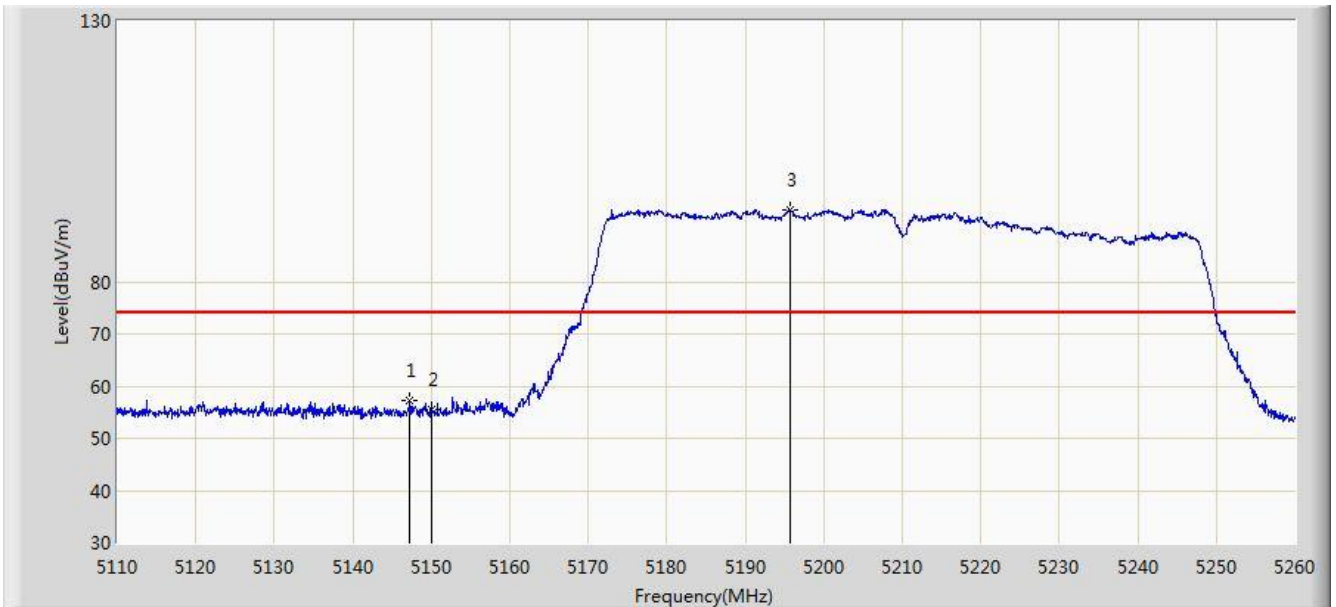


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5144.200 | 45.449 | 41.273 | -8.551 | 54.000 | 4.176 | AV |
| 2 | | | 5150.000 | 45.087 | 40.918 | -8.913 | 54.000 | 4.170 | AV |
| 3 | | * | 5203.150 | 88.546 | 84.557 | N/A | N/A | 3.989 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 20:54 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3 | |

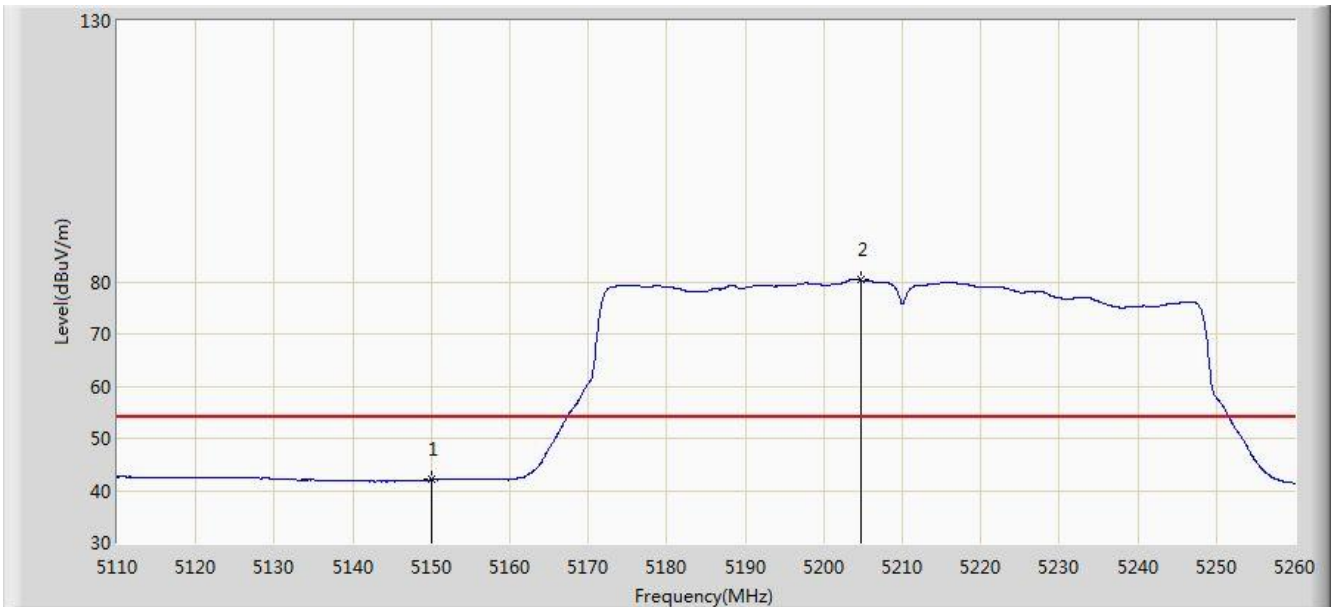


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5147.275 | 57.324 | 53.148 | -16.676 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 55.525 | 51.356 | -18.475 | 74.000 | 4.170 | PK |
| 3 | | * | 5195.650 | 93.861 | 89.848 | N/A | N/A | 4.013 | 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: 2016/09/13 - 20:55 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 3 | |

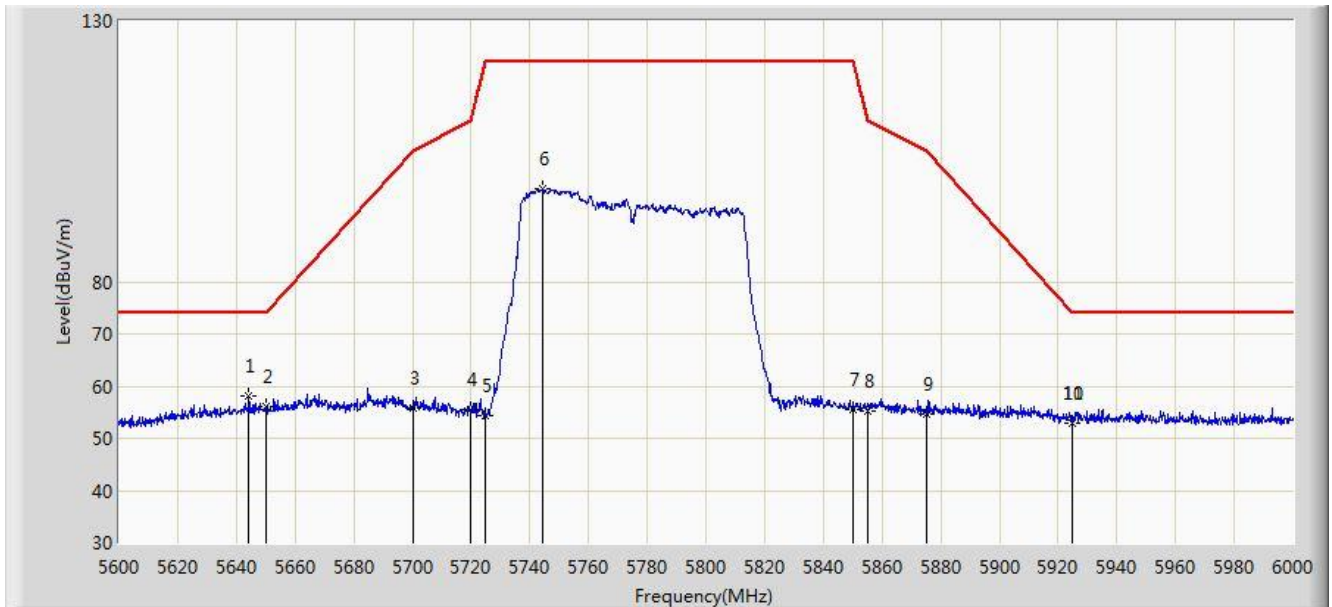


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 42.038 | 37.869 | -11.962 | 54.000 | 4.170 | AV |
| 2 | | * | 5204.650 | 80.292 | 76.307 | N/A | N/A | 3.984 | AV |

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

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

| | |
|----------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 21:43 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 3 | |

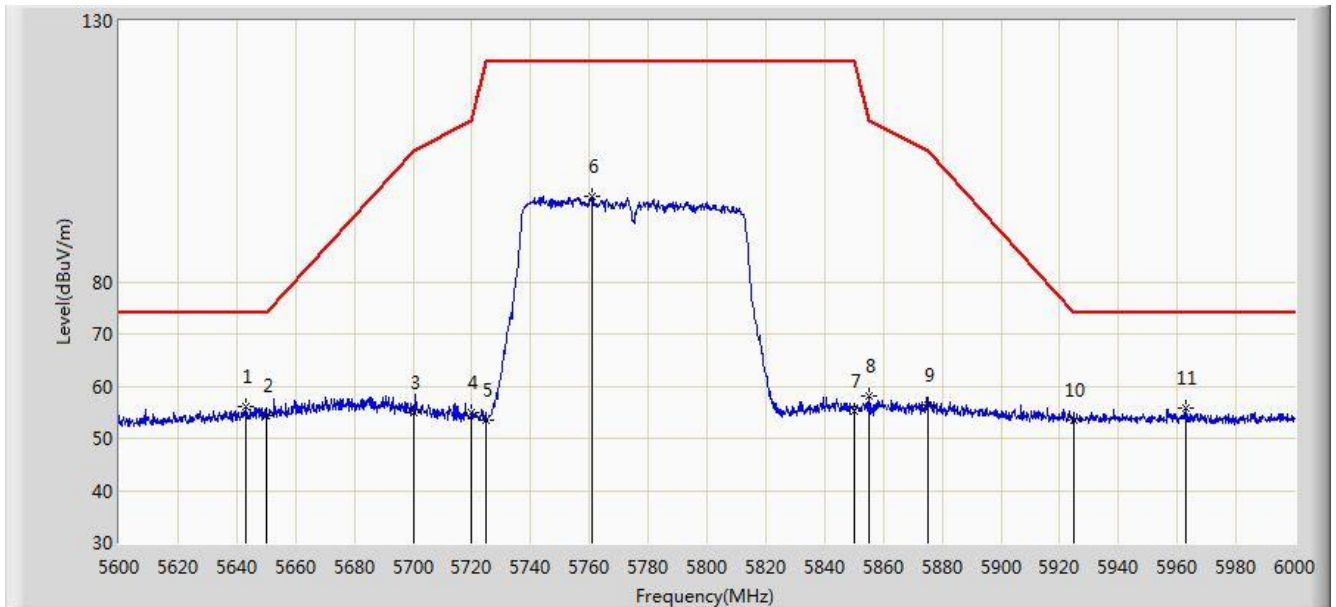


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5644.200 | 57.974 | 53.322 | -16.026 | 74.000 | 4.651 | PK |
| 2 | | | 5650.000 | 56.051 | 51.380 | -17.949 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 55.763 | 50.885 | -49.437 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 55.552 | 50.555 | -55.248 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 54.298 | 49.269 | -67.902 | 122.200 | 5.029 | PK |
| 6 | | | 5744.200 | 97.935 | 92.785 | N/A | N/A | 5.151 | PK |
| 7 | | | 5850.000 | 55.413 | 49.687 | -66.787 | 122.200 | 5.726 | PK |
| 8 | | | 5855.000 | 55.339 | 49.593 | -55.461 | 110.800 | 5.746 | PK |
| 9 | | | 5875.000 | 54.709 | 48.889 | -50.491 | 105.200 | 5.820 | PK |
| 10 | | | 5925.000 | 52.983 | 47.017 | -21.017 | 74.000 | 5.967 | PK |
| 11 | | | 5925.000 | 52.983 | 47.017 | -21.017 | 74.000 | 5.967 | 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: 2016/09/13 - 21:45 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 3 | |

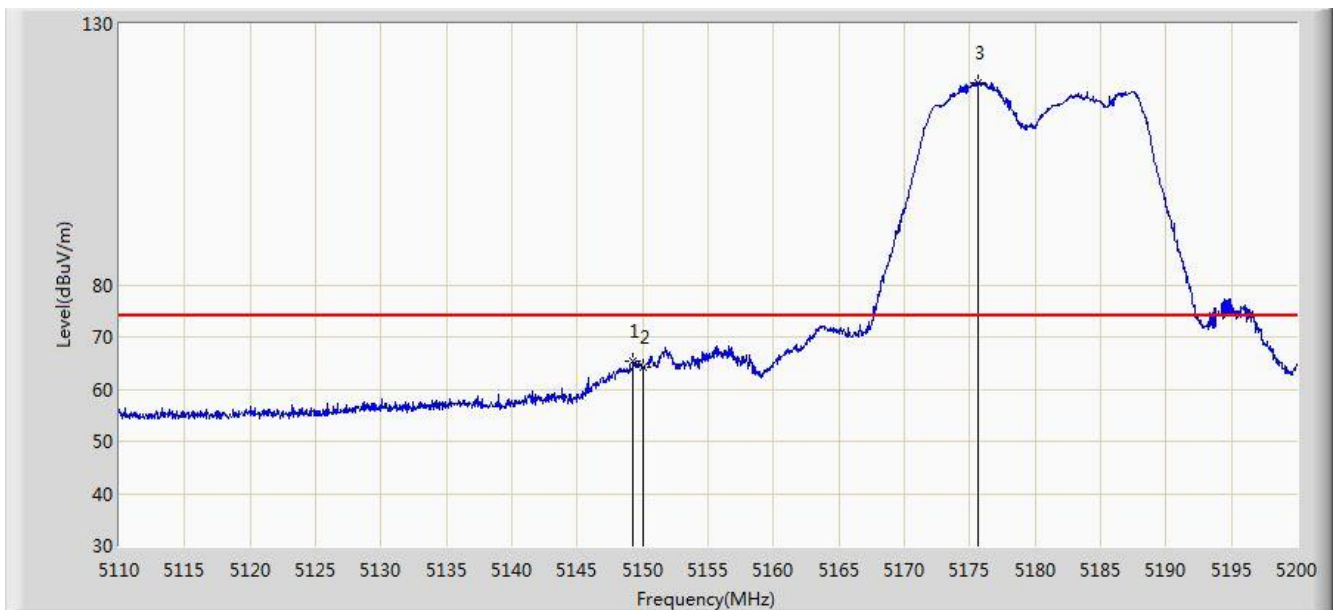


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5643.000 | 56.011 | 51.363 | -17.989 | 74.000 | 4.648 | PK |
| 2 | | | 5650.000 | 54.263 | 49.592 | -19.737 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.797 | 49.919 | -50.403 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 54.890 | 49.893 | -55.910 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 53.579 | 48.550 | -68.621 | 122.200 | 5.029 | PK |
| 6 | | | 5760.800 | 96.382 | 91.138 | N/A | N/A | 5.244 | PK |
| 7 | | | 5850.000 | 55.120 | 49.394 | -67.080 | 122.200 | 5.726 | PK |
| 8 | | | 5855.000 | 57.995 | 52.249 | -52.805 | 110.800 | 5.746 | PK |
| 9 | | | 5875.000 | 56.375 | 50.555 | -48.825 | 105.200 | 5.820 | PK |
| 10 | | | 5925.000 | 53.408 | 47.442 | -20.592 | 74.000 | 5.967 | PK |
| 11 | | | 5963.000 | 55.920 | 49.871 | -18.080 | 74.000 | 6.049 | 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: 2016/09/13 - 21:47 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz 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 | | | 5149.285 | 65.390 | 61.218 | -8.610 | 74.000 | 4.171 | PK |
| 2 | | | 5150.000 | 64.198 | 60.029 | -9.802 | 74.000 | 4.170 | PK |
| 3 | | * | 5175.610 | 118.733 | 114.649 | N/A | N/A | 4.085 | PK |

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

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

| | |
|---------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 21:49 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3 | |

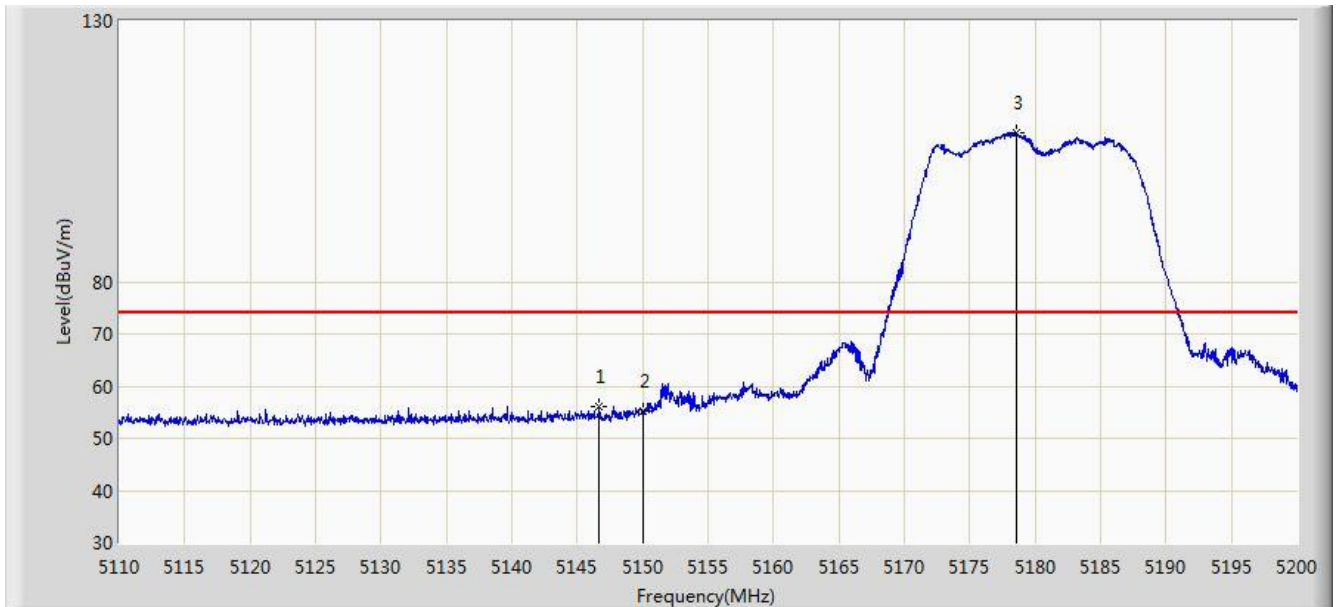


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 50.443 | 46.274 | -3.557 | 54.000 | 4.170 | AV |
| 2 | | * | 5182.450 | 102.733 | 98.673 | N/A | N/A | 4.060 | 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: 2016/09/13 - 21:50 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3 | |

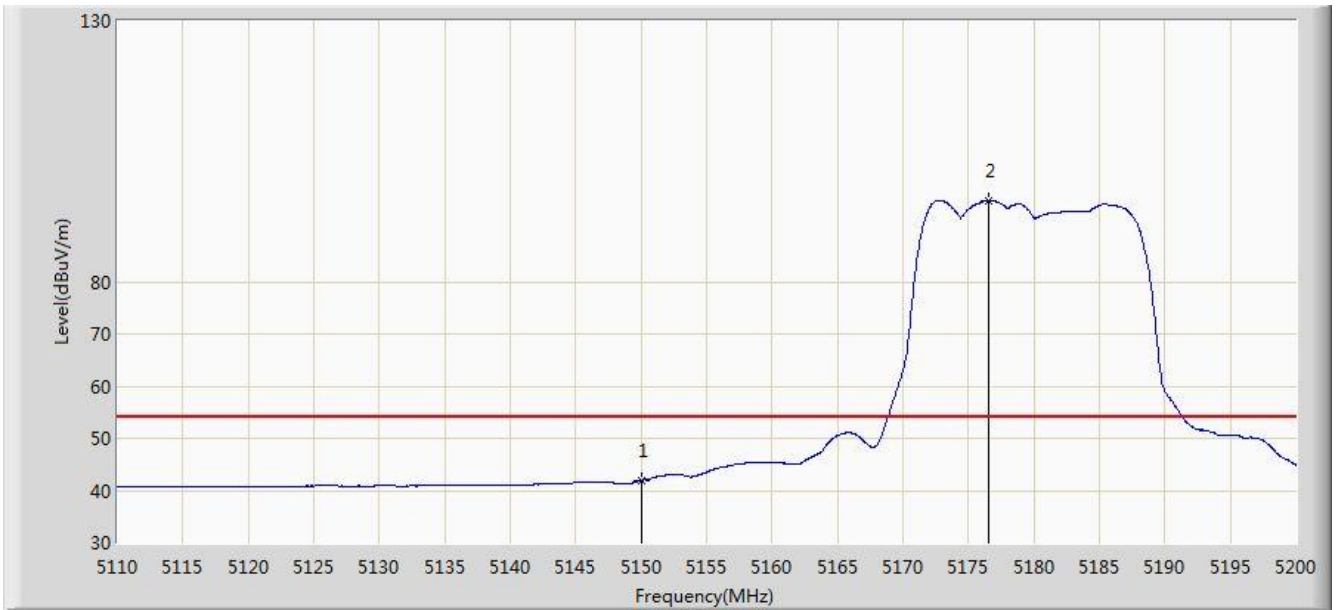


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5146.675 | 56.212 | 52.036 | -17.788 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 55.108 | 50.939 | -18.892 | 74.000 | 4.170 | PK |
| 3 | | * | 5178.580 | 108.459 | 104.385 | N/A | N/A | 4.074 | PK |

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

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

| | |
|---------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 21:51 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0+1+2+3 | |

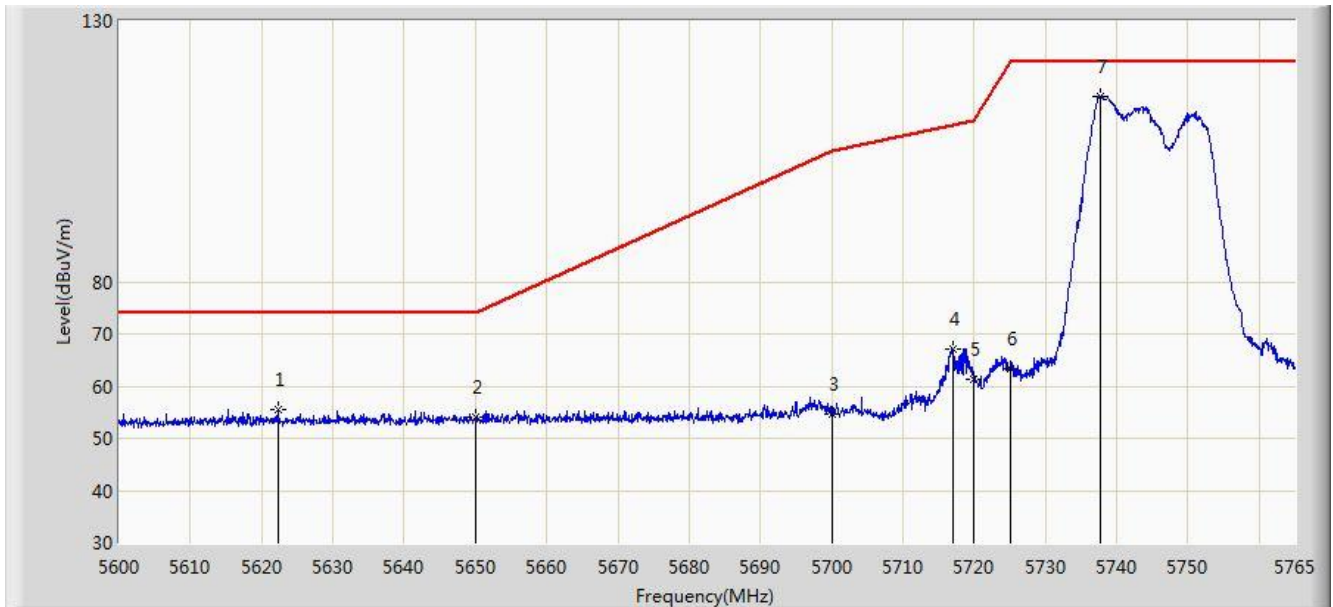


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 41.909 | 37.740 | -12.091 | 54.000 | 4.170 | AV |
| 2 | | * | 5176.555 | 95.620 | 91.539 | N/A | N/A | 4.081 | AV |

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

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

| | |
|---------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 22:32 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0+1+2+3 | |

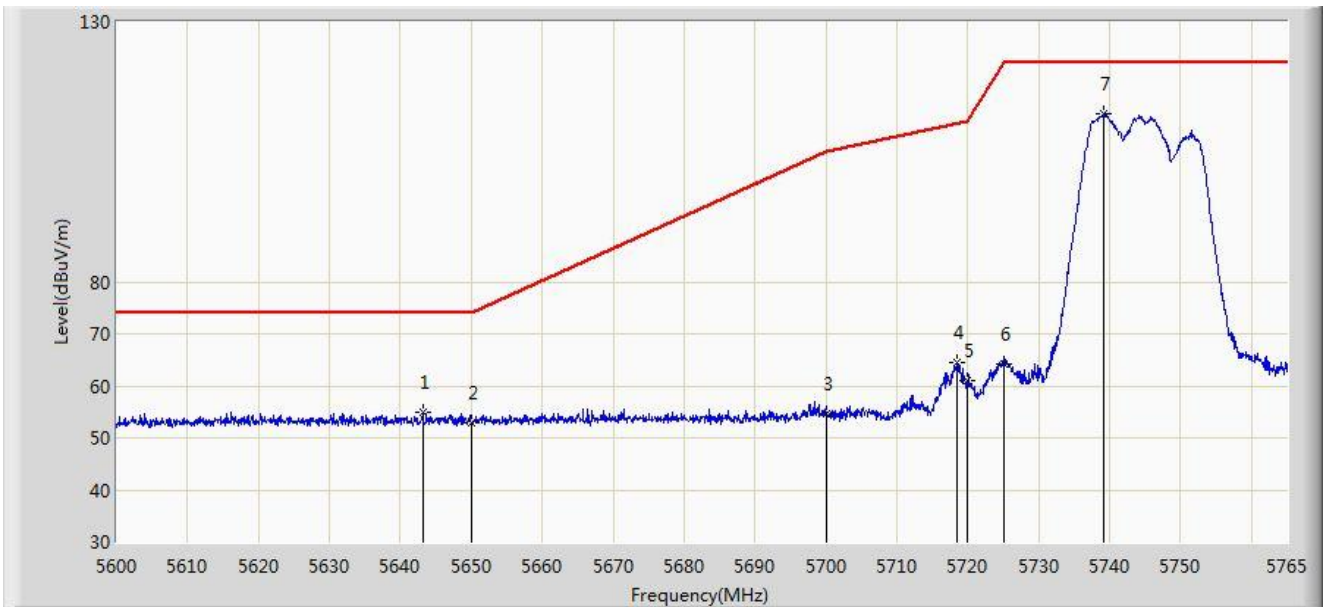


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5622.275 | 55.633 | 51.046 | -18.367 | 74.000 | 4.587 | PK |
| 2 | | | 5650.000 | 53.962 | 49.291 | -20.038 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.698 | 49.820 | -50.502 | 105.200 | 4.878 | PK |
| 4 | | | 5716.985 | 67.170 | 62.193 | -42.787 | 109.957 | 4.978 | PK |
| 5 | | | 5720.000 | 61.398 | 56.401 | -49.402 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 63.322 | 58.293 | -58.878 | 122.200 | 5.029 | PK |
| 7 | | * | 5737.692 | 115.617 | 110.507 | N/A | N/A | 5.109 | 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: 2016/09/13 - 22:33 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0+1+2+3 | |

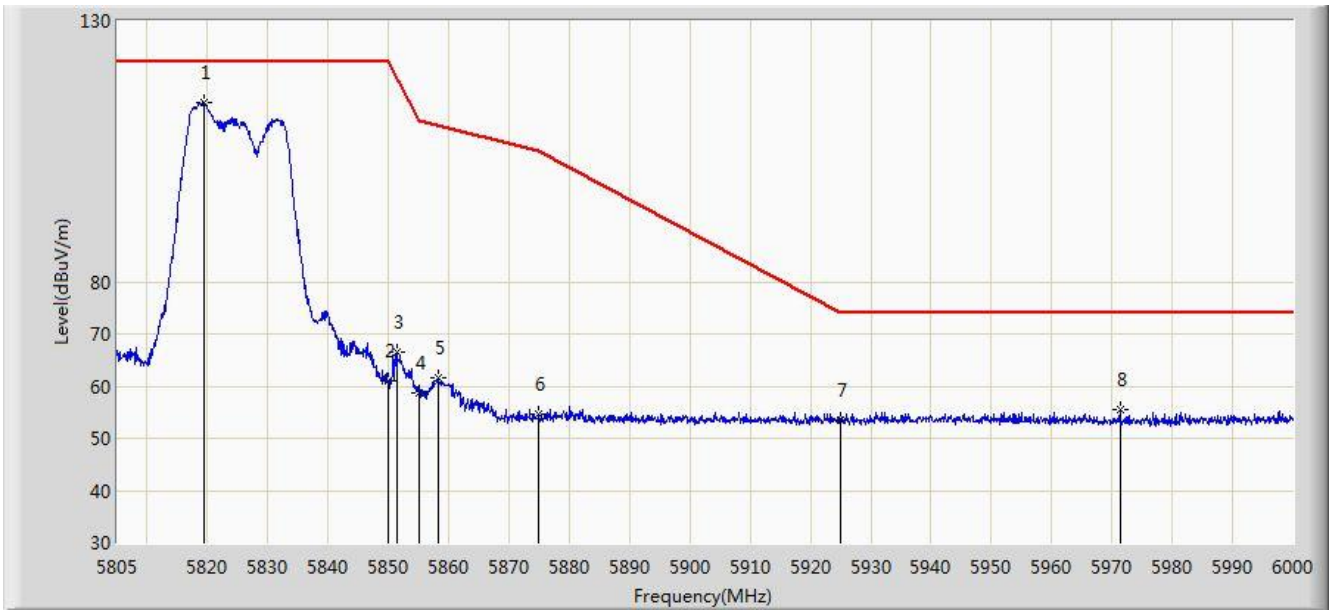


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5643.147 | 54.885 | 50.237 | -19.115 | 74.000 | 4.649 | PK |
| 2 | | | 5650.000 | 53.008 | 48.337 | -20.992 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.734 | 49.856 | -50.466 | 105.200 | 4.878 | PK |
| 4 | | | 5718.553 | 64.514 | 59.526 | -45.882 | 110.395 | 4.988 | PK |
| 5 | | | 5720.000 | 61.007 | 56.010 | -49.793 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 64.061 | 59.032 | -58.139 | 122.200 | 5.029 | PK |
| 7 | | * | 5739.095 | 112.291 | 107.172 | N/A | N/A | 5.119 | 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: 2016/09/13 - 22:35 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0+1+2+3 | |

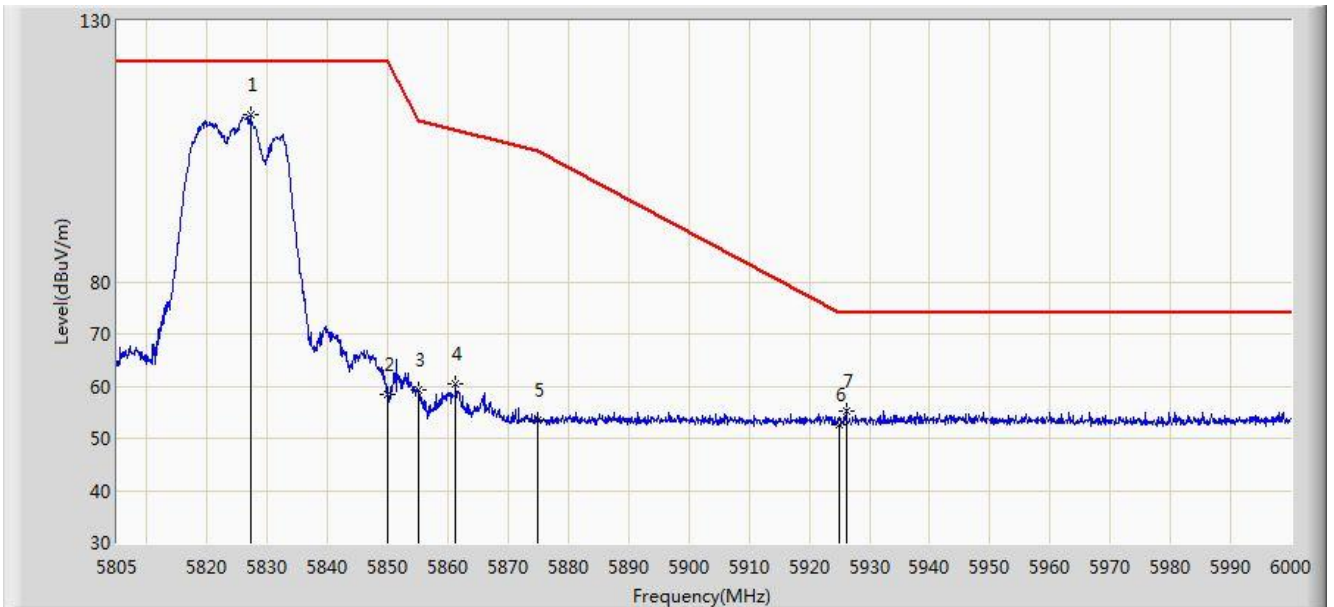


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5819.333 | 114.414 | 108.859 | N/A | N/A | 5.554 | PK |
| 2 | | | 5850.000 | 60.874 | 55.148 | -61.326 | 122.200 | 5.726 | PK |
| 3 | | | 5851.410 | 66.390 | 60.659 | -52.594 | 118.984 | 5.731 | PK |
| 4 | | | 5855.000 | 58.811 | 53.065 | -51.989 | 110.800 | 5.746 | PK |
| 5 | | | 5858.235 | 61.692 | 55.932 | -48.201 | 109.893 | 5.760 | PK |
| 6 | | | 5875.000 | 54.726 | 48.906 | -50.474 | 105.200 | 5.820 | PK |
| 7 | | | 5925.000 | 53.614 | 47.648 | -20.386 | 74.000 | 5.967 | PK |
| 8 | | | 5971.335 | 55.609 | 49.546 | -18.391 | 74.000 | 6.063 | 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: 2016/09/13 - 22:37 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0+1+2+3 | |

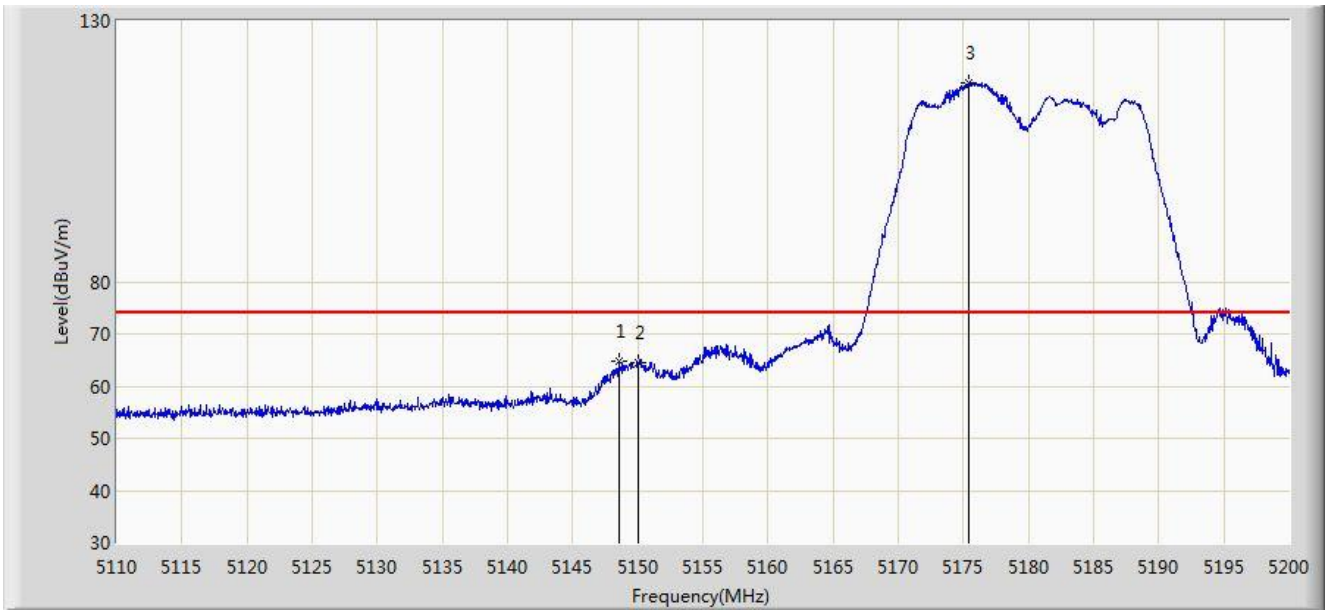


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5827.132 | 111.984 | 106.384 | N/A | N/A | 5.600 | PK |
| 2 | | | 5850.000 | 58.502 | 52.776 | -63.698 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 59.279 | 53.533 | -51.521 | 110.800 | 5.746 | PK |
| 4 | | | 5861.257 | 60.416 | 54.644 | -48.630 | 109.046 | 5.772 | PK |
| 5 | | | 5875.000 | 53.381 | 47.561 | -51.819 | 105.200 | 5.820 | PK |
| 6 | | | 5925.000 | 52.680 | 46.714 | -21.320 | 74.000 | 5.967 | PK |
| 7 | | | 5926.192 | 55.356 | 49.387 | -18.644 | 74.000 | 5.969 | 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: 2016/09/13 - 22:39 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz 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 | | | 5148.610 | 64.700 | 60.526 | -9.300 | 74.000 | 4.174 | PK |
| 2 | | | 5150.000 | 64.353 | 60.184 | -9.647 | 74.000 | 4.170 | PK |
| 3 | | * | 5175.430 | 118.257 | 114.172 | N/A | N/A | 4.084 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 22:41 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3 | |

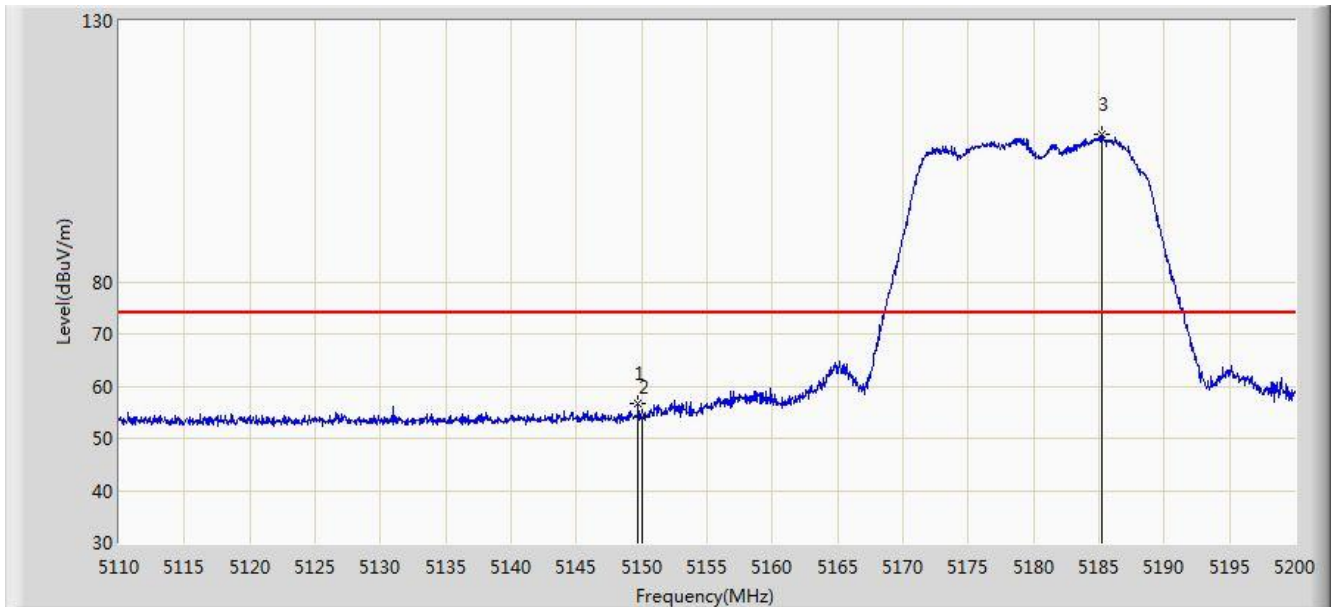


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 49.340 | 45.171 | -4.660 | 54.000 | 4.170 | AV |
| 2 | | * | 5188.075 | 104.174 | 100.134 | N/A | N/A | 4.040 | 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: 2016/09/13 - 22:41 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3 | |

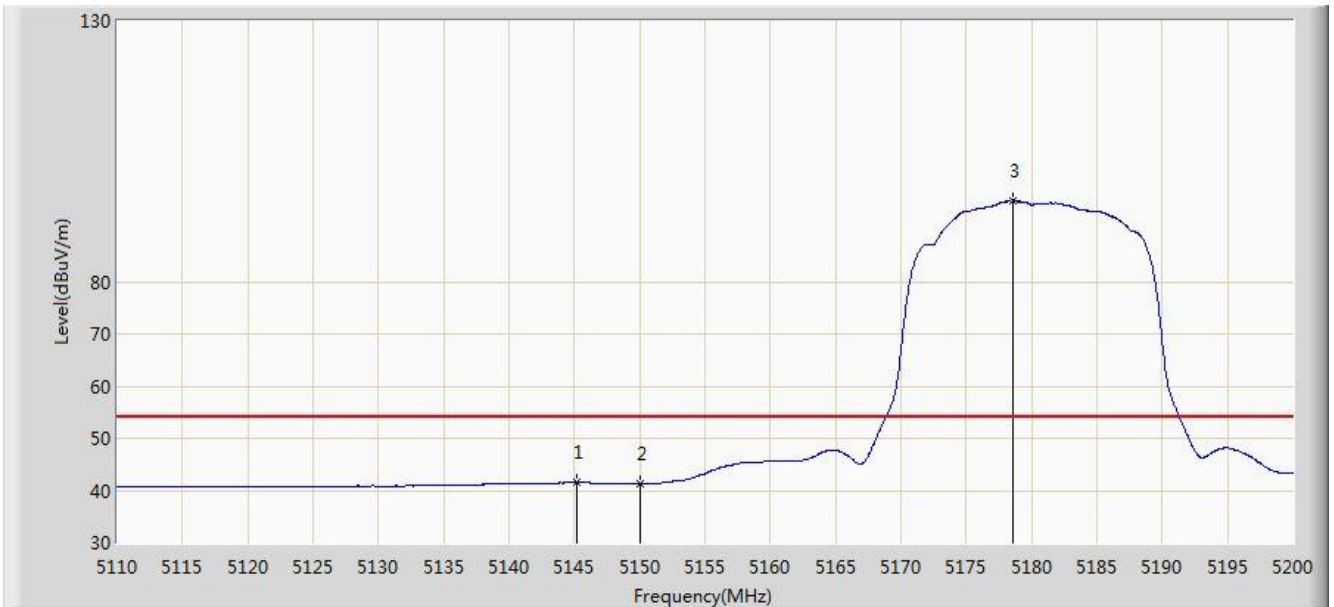


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.735 | 56.558 | 52.388 | -17.442 | 74.000 | 4.170 | PK |
| 2 | | | 5150.000 | 54.022 | 49.853 | -19.978 | 74.000 | 4.170 | PK |
| 3 | | * | 5185.195 | 108.240 | 104.190 | N/A | N/A | 4.050 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 22:42 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0+1+2+3 | |

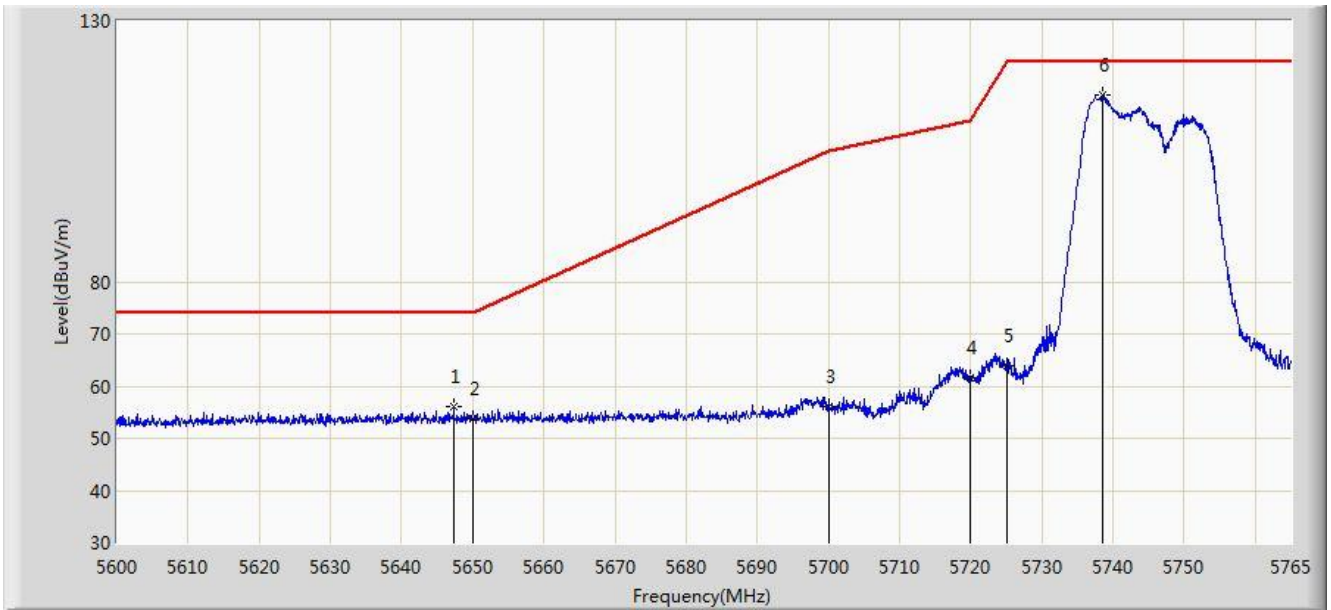


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5145.235 | 41.562 | 37.386 | -12.438 | 54.000 | 4.176 | AV |
| 2 | | | 5150.000 | 41.294 | 37.125 | -12.706 | 54.000 | 4.170 | AV |
| 3 | | * | 5178.535 | 95.633 | 91.559 | N/A | N/A | 4.074 | AV |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 22:57 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2+3 | |

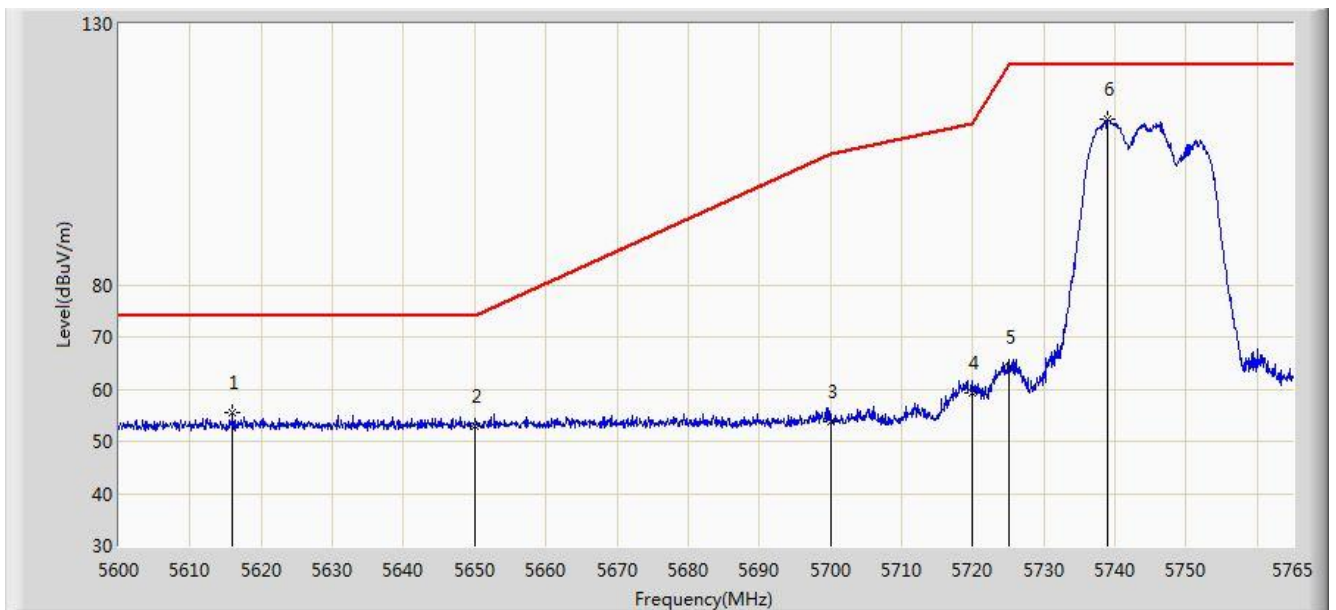


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5647.355 | 56.019 | 51.357 | -17.981 | 74.000 | 4.662 | PK |
| 2 | | | 5650.000 | 53.714 | 49.043 | -20.286 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 56.009 | 51.131 | -49.191 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 61.695 | 56.698 | -49.105 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 63.816 | 58.787 | -58.384 | 122.200 | 5.029 | PK |
| 6 | | * | 5738.600 | 115.661 | 110.545 | N/A | N/A | 5.115 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:00 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0+1+2+3 | |

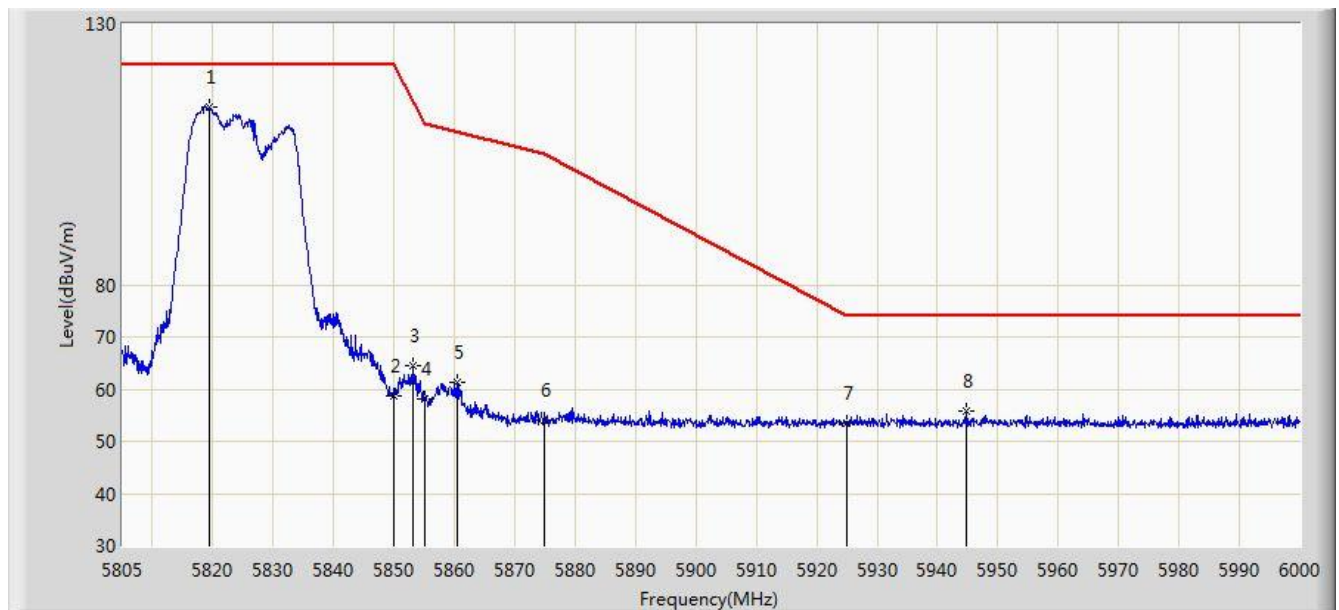


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5616.005 | 55.447 | 50.878 | -18.553 | 74.000 | 4.569 | PK |
| 2 | | | 5650.000 | 52.996 | 48.325 | -21.004 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 53.696 | 48.818 | -51.504 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 59.357 | 54.360 | -51.443 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 64.060 | 59.031 | -58.140 | 122.200 | 5.029 | PK |
| 6 | | * | 5738.848 | 111.750 | 106.633 | N/A | N/A | 5.117 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:01 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1+2+3 | |

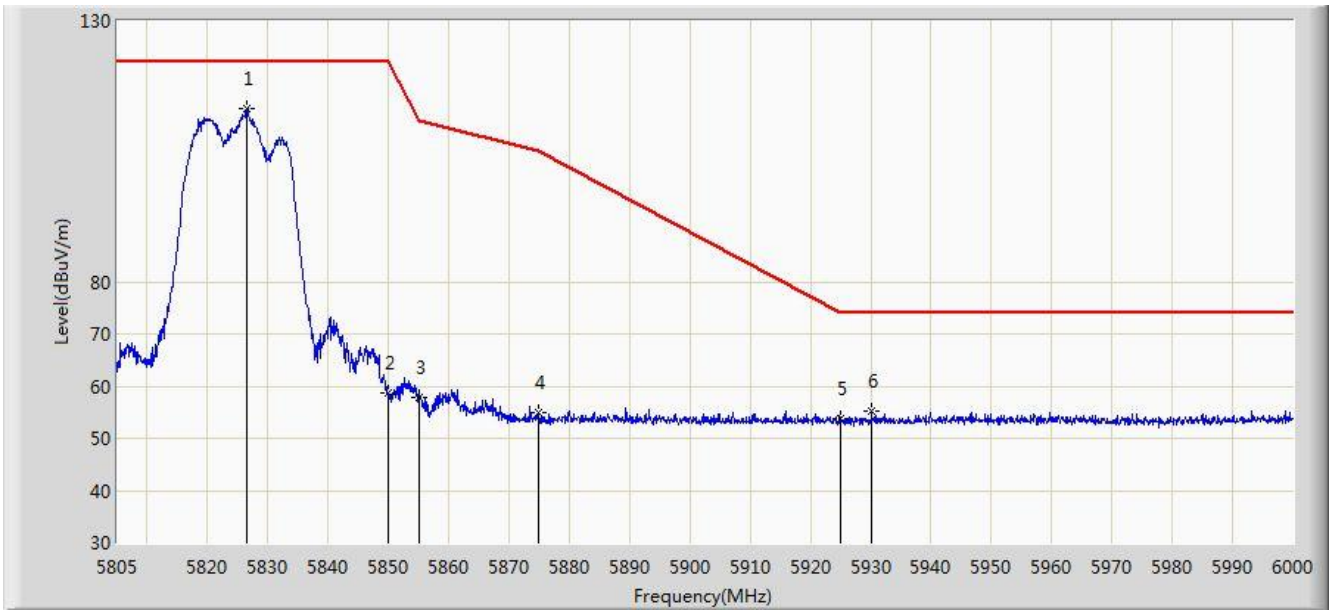


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5819.430 | 114.060 | 108.505 | N/A | N/A | 5.556 | PK |
| 2 | | | 5850.000 | 58.720 | 52.994 | -63.480 | 122.200 | 5.726 | PK |
| 3 | | | 5853.165 | 64.356 | 58.617 | -50.627 | 114.983 | 5.739 | PK |
| 4 | | | 5855.000 | 58.031 | 52.285 | -52.769 | 110.800 | 5.746 | PK |
| 5 | | | 5860.380 | 61.379 | 55.611 | -47.912 | 109.292 | 5.769 | PK |
| 6 | | | 5875.000 | 54.156 | 48.336 | -51.044 | 105.200 | 5.820 | PK |
| 7 | | | 5925.000 | 53.538 | 47.572 | -20.462 | 74.000 | 5.967 | PK |
| 8 | | | 5944.717 | 55.805 | 49.790 | -18.195 | 74.000 | 6.015 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:03 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0+1+2+3 | |

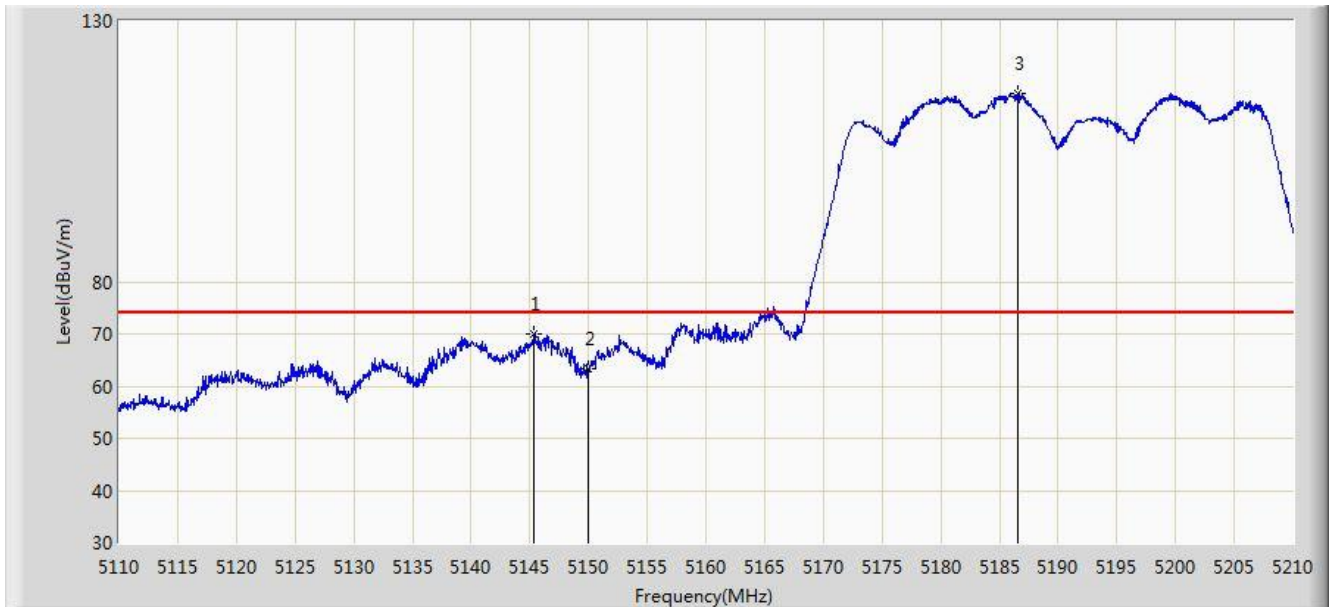


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5826.547 | 113.232 | 107.635 | N/A | N/A | 5.596 | PK |
| 2 | | | 5850.000 | 58.691 | 52.965 | -63.509 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 57.748 | 52.002 | -53.052 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 54.865 | 49.045 | -50.335 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.782 | 47.816 | -20.218 | 74.000 | 5.967 | PK |
| 6 | | | 5930.092 | 55.192 | 49.213 | -18.808 | 74.000 | 5.979 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:05 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3 | |

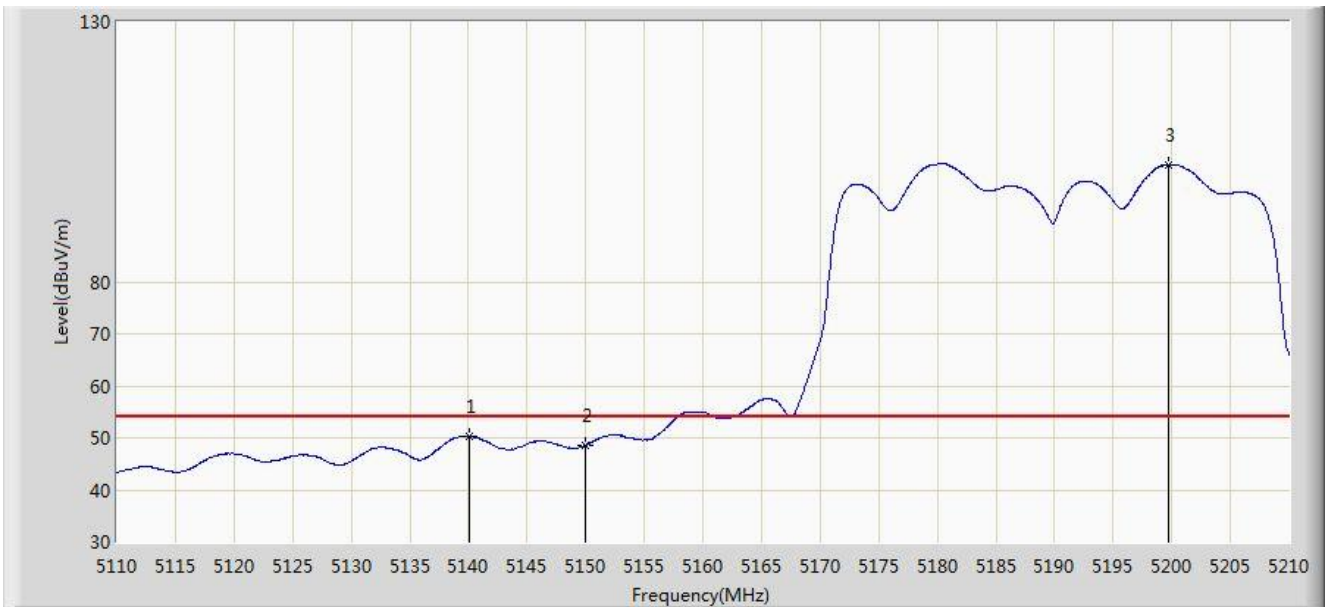


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5145.350 | 69.959 | 65.783 | -4.041 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 63.275 | 59.106 | -10.725 | 74.000 | 4.170 | PK |
| 3 | | * | 5186.600 | 116.179 | 112.134 | N/A | N/A | 4.045 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:06 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3 | |

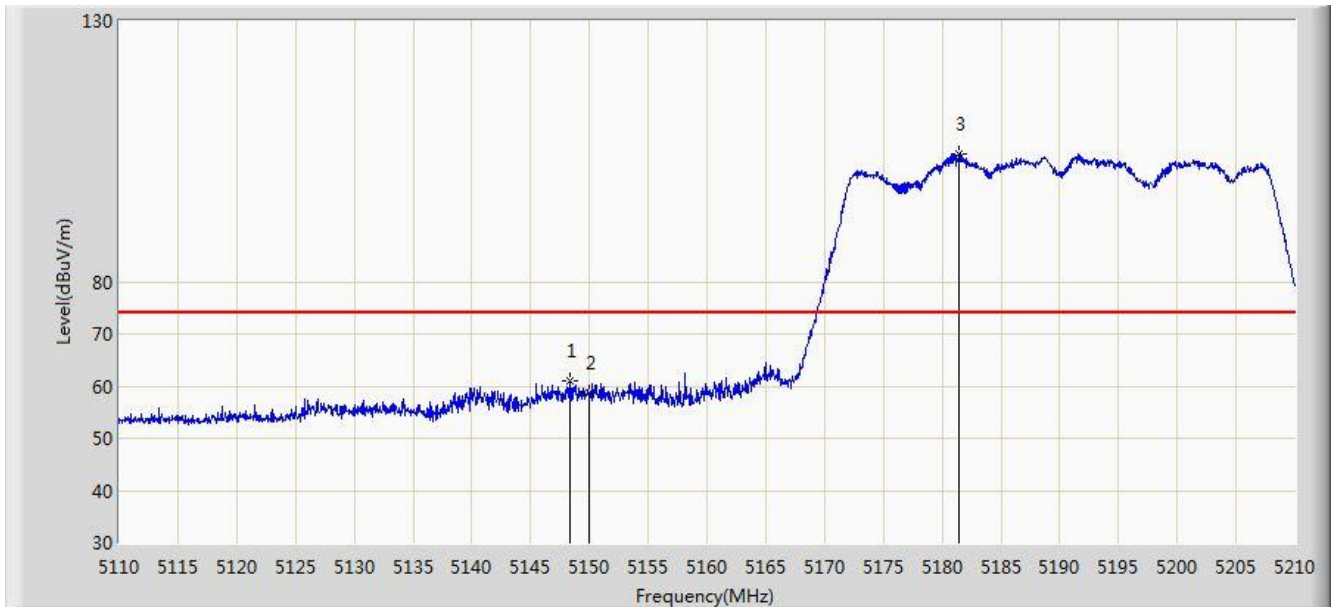


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5140.100 | 50.199 | 46.024 | -3.801 | 54.000 | 4.175 | AV |
| 2 | | | 5150.000 | 48.581 | 44.412 | -5.419 | 54.000 | 4.170 | AV |
| 3 | | * | 5199.700 | 102.523 | 98.524 | N/A | N/A | 3.999 | AV |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:07 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3 | |

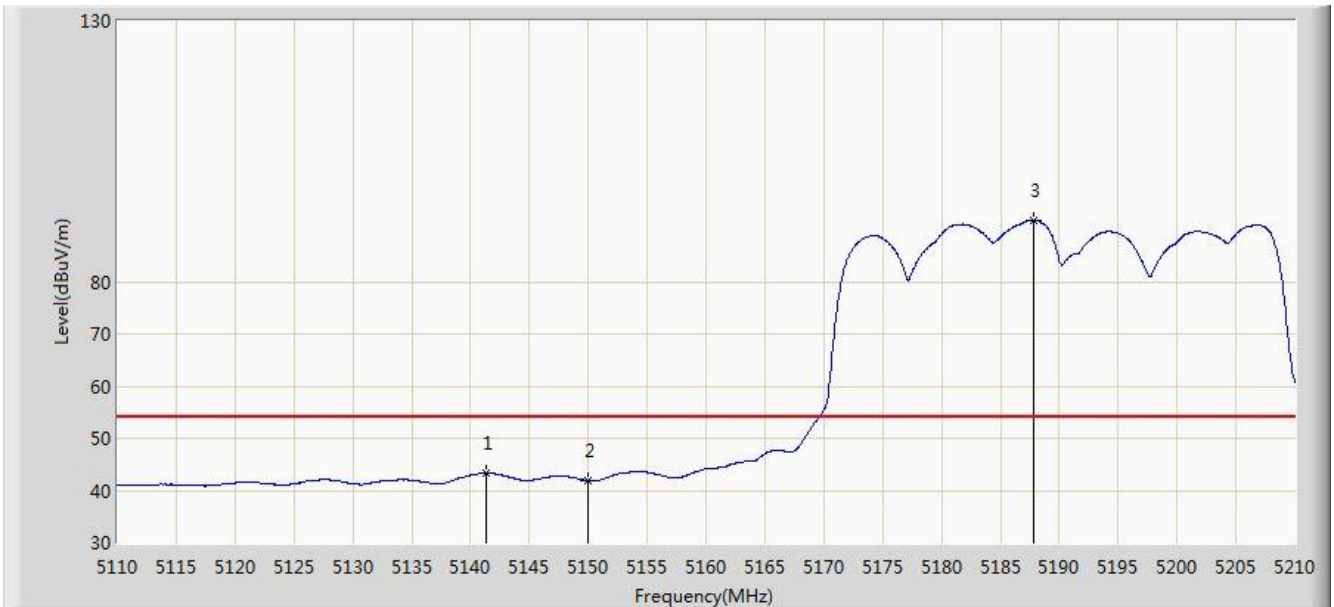


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5148.300 | 61.143 | 56.968 | -12.857 | 74.000 | 4.174 | PK |
| 2 | | | 5150.000 | 58.592 | 54.423 | -15.408 | 74.000 | 4.170 | PK |
| 3 | | * | 5181.400 | 104.489 | 100.425 | N/A | N/A | 4.064 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:08 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0+1+2+3 | |

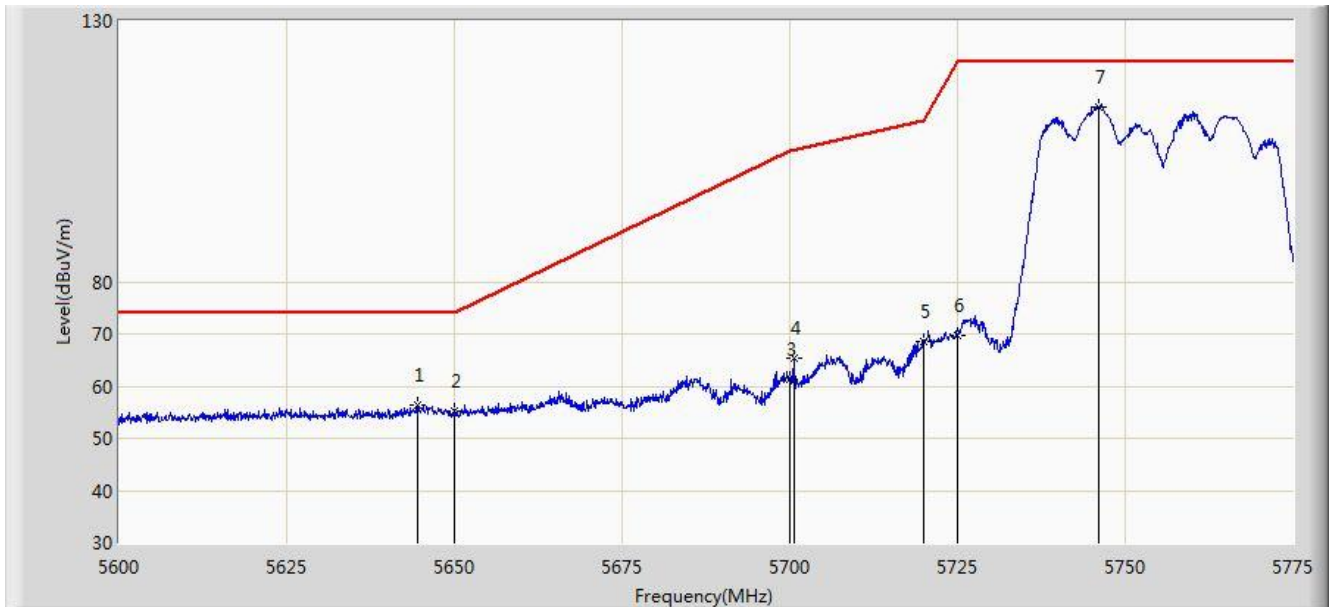


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5141.350 | 43.330 | 39.154 | -10.670 | 54.000 | 4.175 | AV |
| 2 | | | 5150.000 | 41.880 | 37.711 | -12.120 | 54.000 | 4.170 | AV |
| 3 | | * | 5187.850 | 91.773 | 87.732 | N/A | N/A | 4.041 | 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: 2016/09/13 - 23:50 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2+3 | |

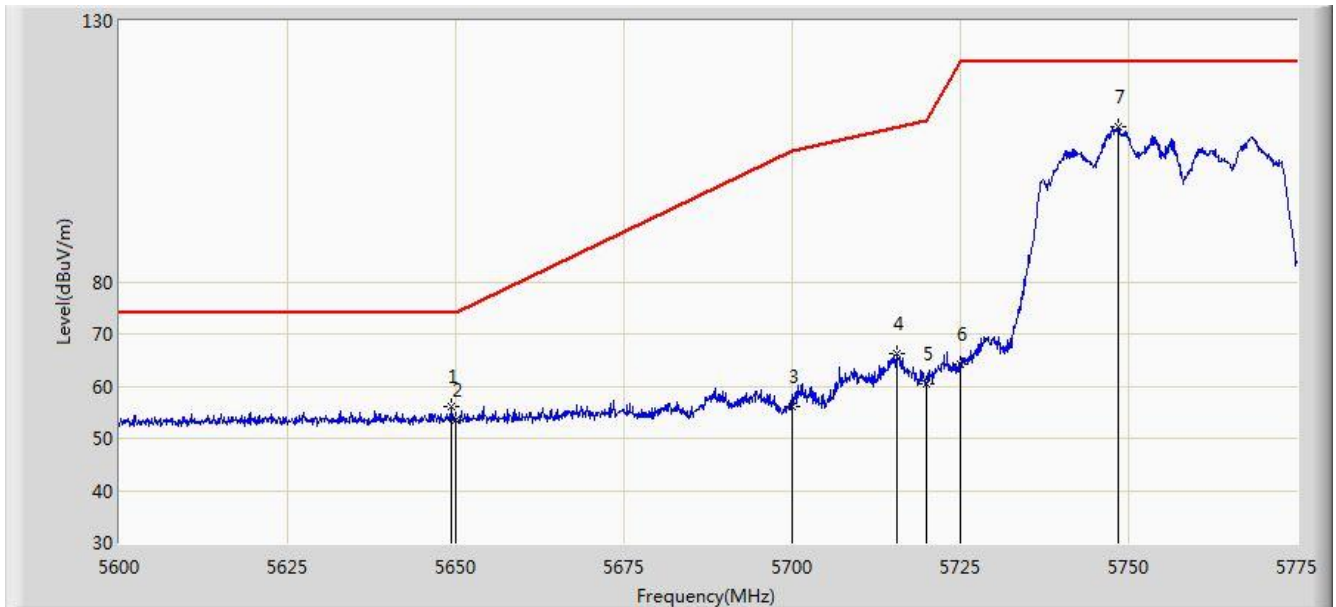


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5644.450 | 56.311 | 51.658 | -17.689 | 74.000 | 4.652 | PK |
| 2 | | | 5650.000 | 55.079 | 50.408 | -18.921 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 61.207 | 56.329 | -43.993 | 105.200 | 4.878 | PK |
| 4 | | | 5700.625 | 65.315 | 60.433 | -40.061 | 105.375 | 4.882 | PK |
| 5 | | | 5720.000 | 68.663 | 63.666 | -42.137 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 69.847 | 64.818 | -52.353 | 122.200 | 5.029 | PK |
| 7 | | * | 5746.038 | 113.387 | 108.226 | N/A | N/A | 5.161 | 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: 2016/09/13 - 23:53 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0+1+2+3 | |

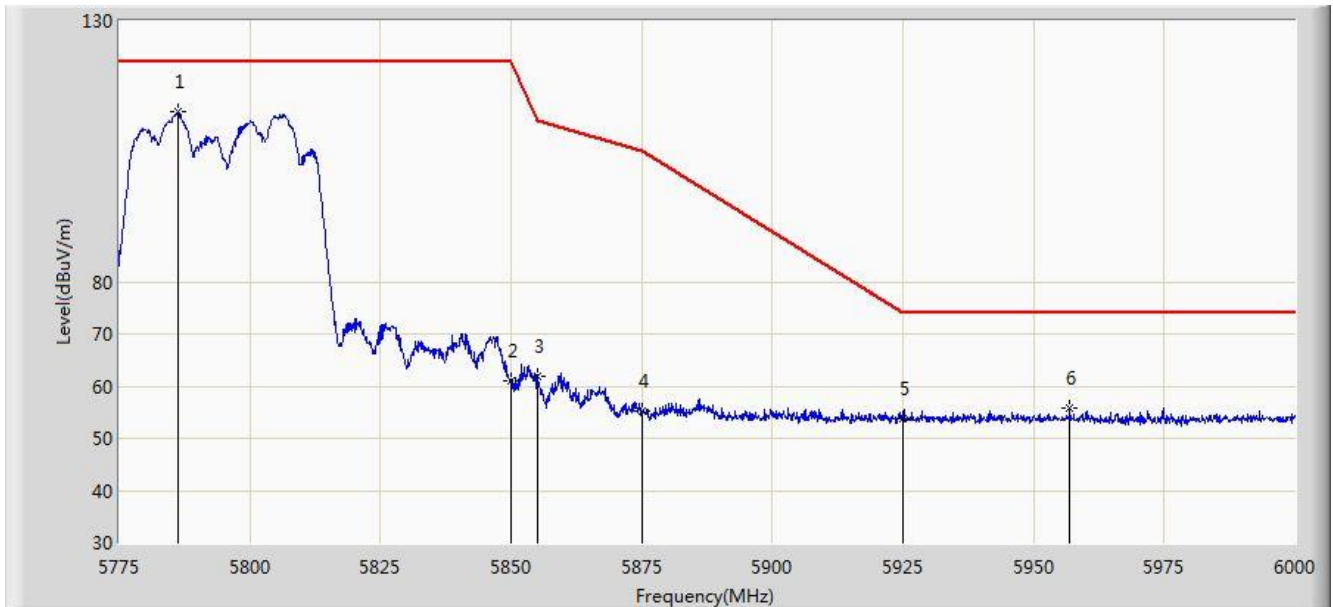


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5649.437 | 55.974 | 51.305 | -18.026 | 74.000 | 4.669 | PK |
| 2 | | | 5650.000 | 53.429 | 48.758 | -20.571 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 56.066 | 51.188 | -49.134 | 105.200 | 4.878 | PK |
| 4 | | | 5715.587 | 66.277 | 61.309 | -43.289 | 109.566 | 4.968 | PK |
| 5 | | | 5720.000 | 60.321 | 55.324 | -50.479 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 64.070 | 59.041 | -58.130 | 122.200 | 5.029 | PK |
| 7 | | * | 5748.400 | 109.650 | 104.476 | N/A | N/A | 5.173 | 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: 2016/09/13 - 23:54 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2+3 | |

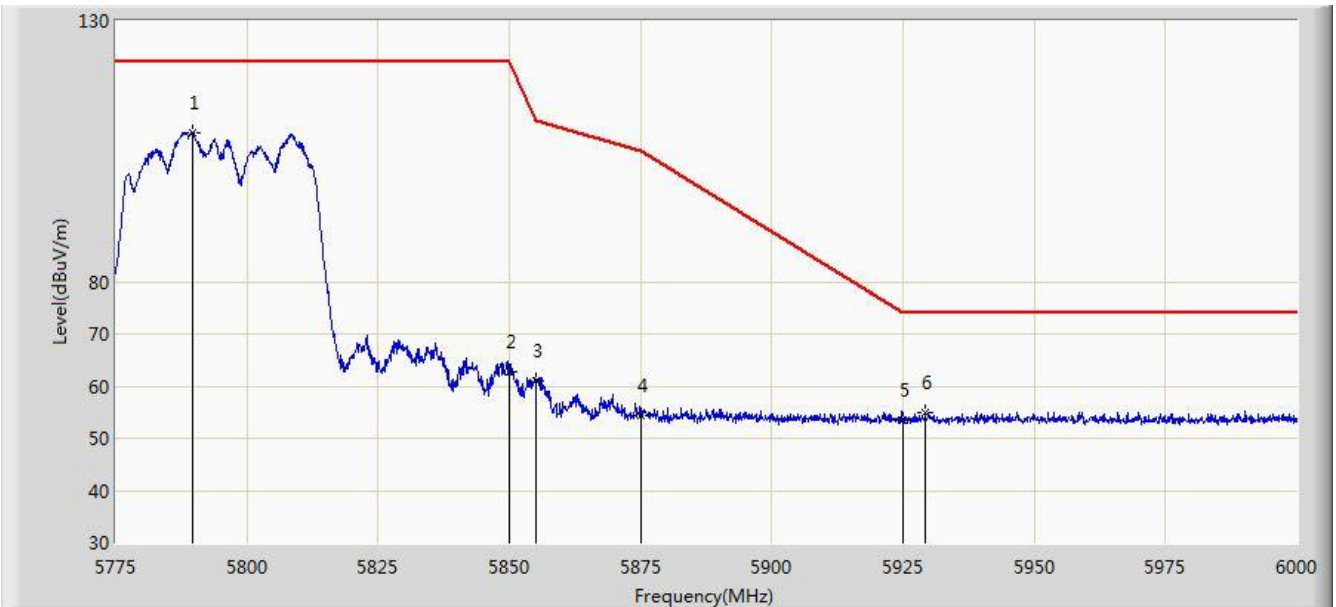


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5786.250 | 112.497 | 107.124 | N/A | N/A | 5.373 | PK |
| 2 | | | 5850.000 | 61.005 | 55.279 | -61.195 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 61.901 | 56.155 | -48.899 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 55.092 | 49.272 | -50.108 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.713 | 47.747 | -20.287 | 74.000 | 5.967 | PK |
| 6 | | | 5956.913 | 55.783 | 49.745 | -18.217 | 74.000 | 6.038 | PK |

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

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

| | |
|--------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:55 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0+1+2+3 | |

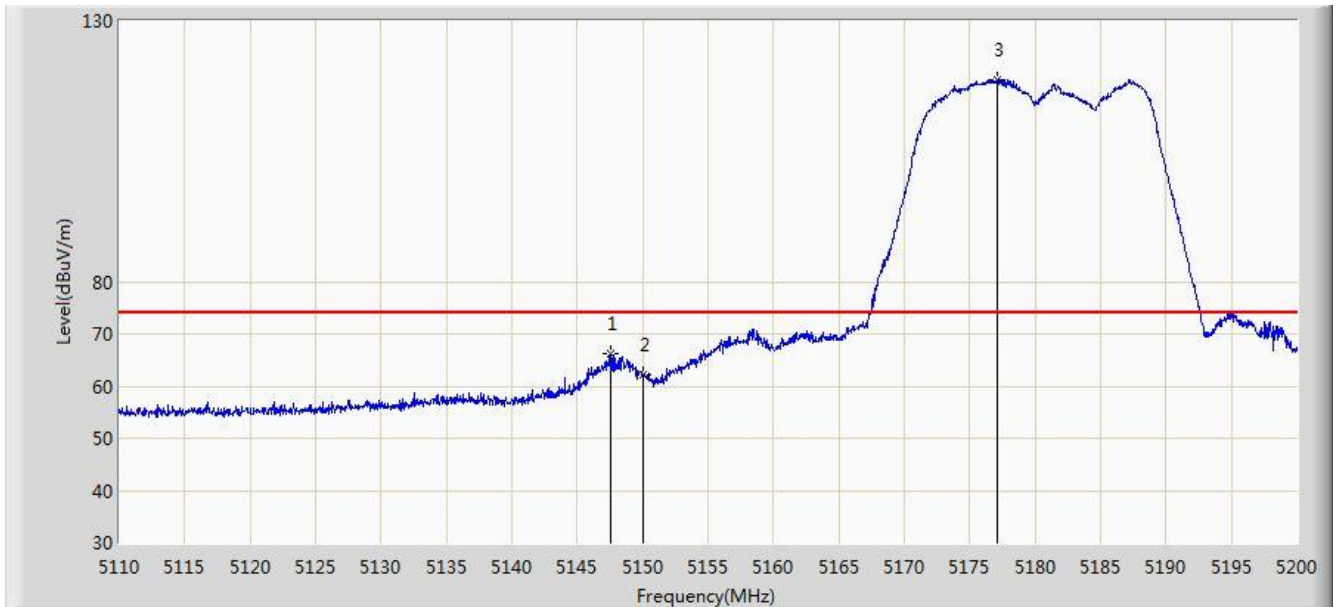


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5789.625 | 108.518 | 103.128 | N/A | N/A | 5.390 | PK |
| 2 | | | 5850.000 | 62.781 | 57.055 | -59.419 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 61.104 | 55.358 | -49.696 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 54.491 | 48.671 | -50.709 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.520 | 47.554 | -20.480 | 74.000 | 5.967 | PK |
| 6 | | | 5929.237 | 54.849 | 48.872 | -19.151 | 74.000 | 5.977 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/13 - 23:57 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3 | |

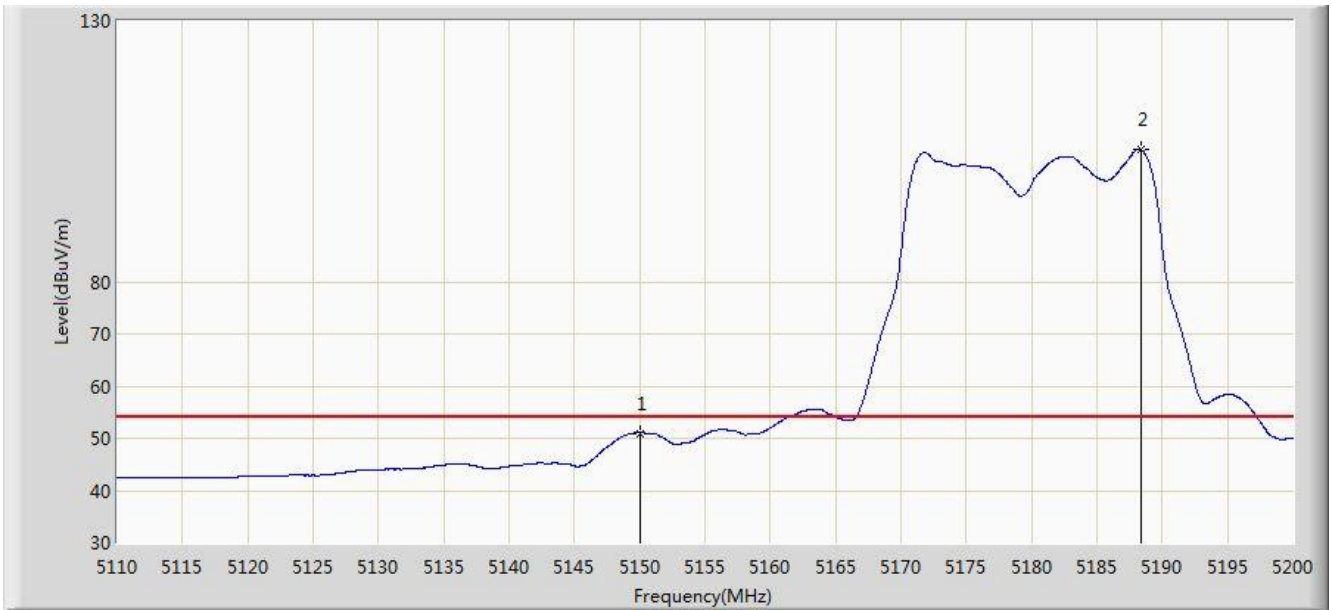


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5147.530 | 66.302 | 62.126 | -7.698 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 62.318 | 58.149 | -11.682 | 74.000 | 4.170 | PK |
| 3 | | * | 5177.050 | 118.743 | 114.664 | N/A | N/A | 4.080 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:01 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3 | |

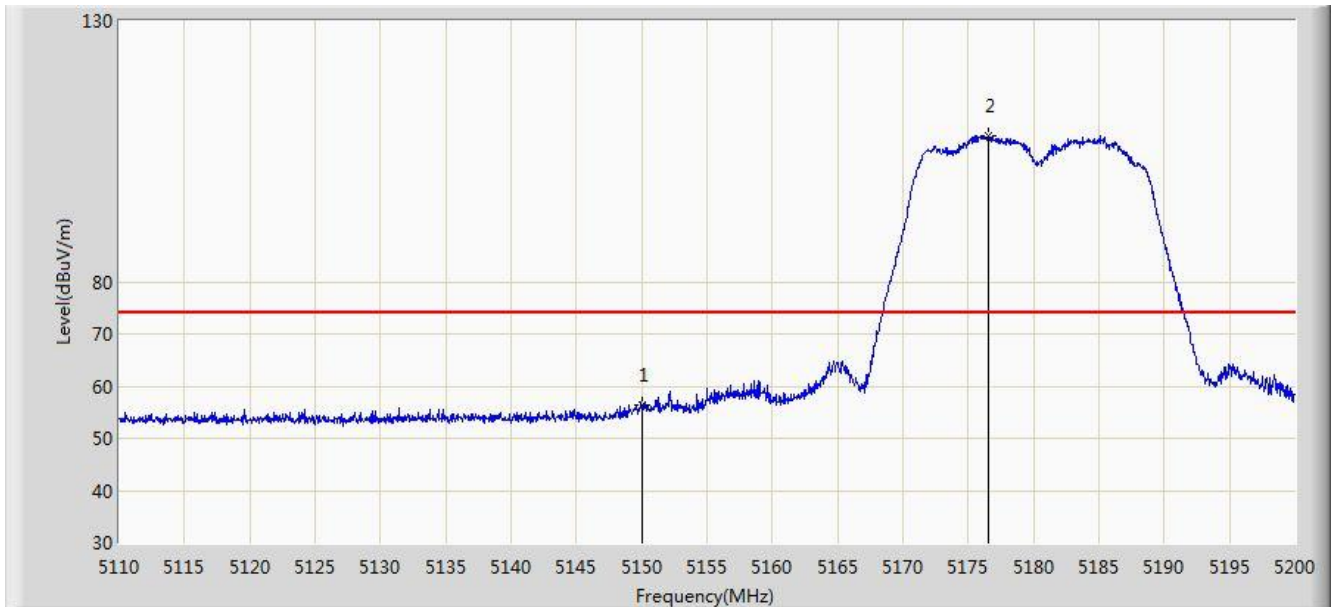


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 51.014 | 46.845 | -2.986 | 54.000 | 4.170 | AV |
| 2 | | * | 5188.345 | 105.344 | 101.305 | N/A | N/A | 4.039 | 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: 2016/09/14 - 00:01 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3 | |

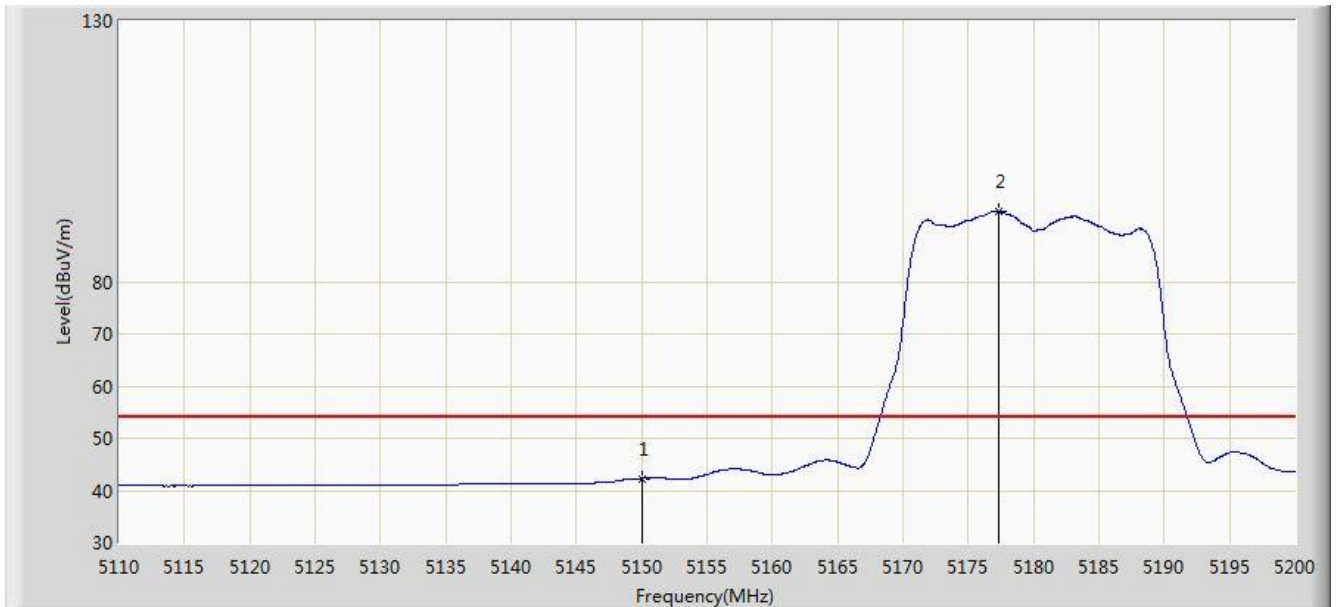


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 56.405 | 52.236 | -17.595 | 74.000 | 4.170 | PK |
| 2 | | * | 5176.510 | 107.833 | 103.752 | N/A | N/A | 4.081 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:03 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0+1+2+3 | |

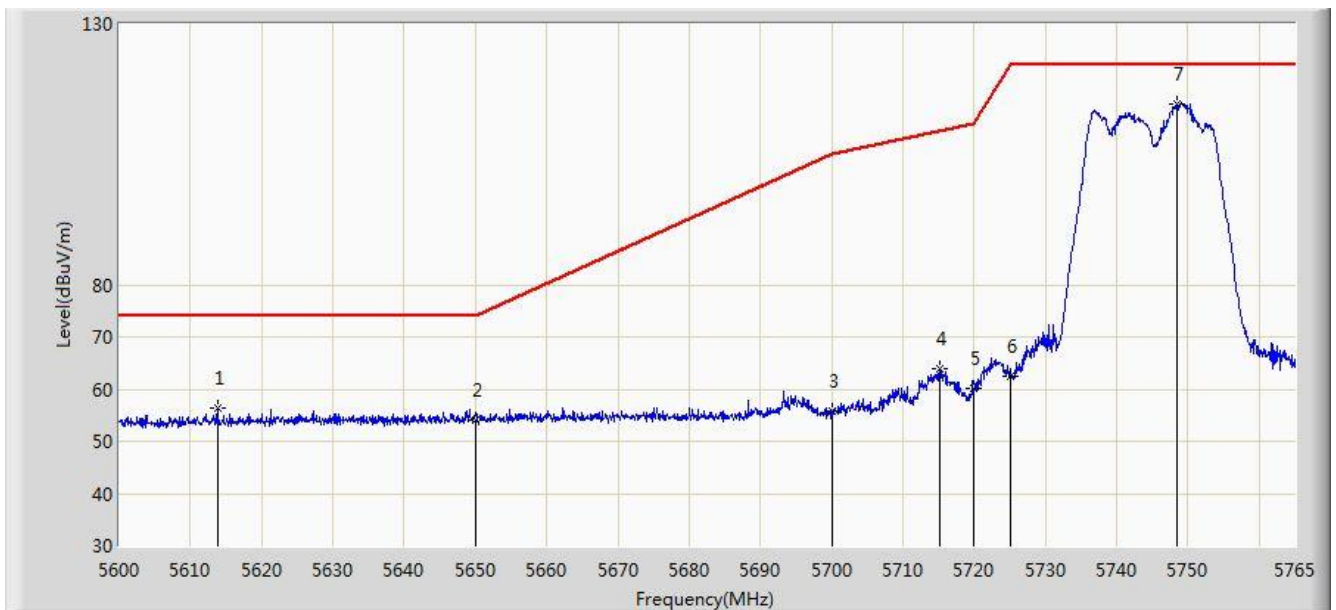


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5150.000 | 42.292 | 38.123 | -11.708 | 54.000 | 4.170 | AV |
| 2 | | * | 5177.320 | 93.524 | 89.446 | N/A | N/A | 4.078 | AV |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:22 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2+3 | |

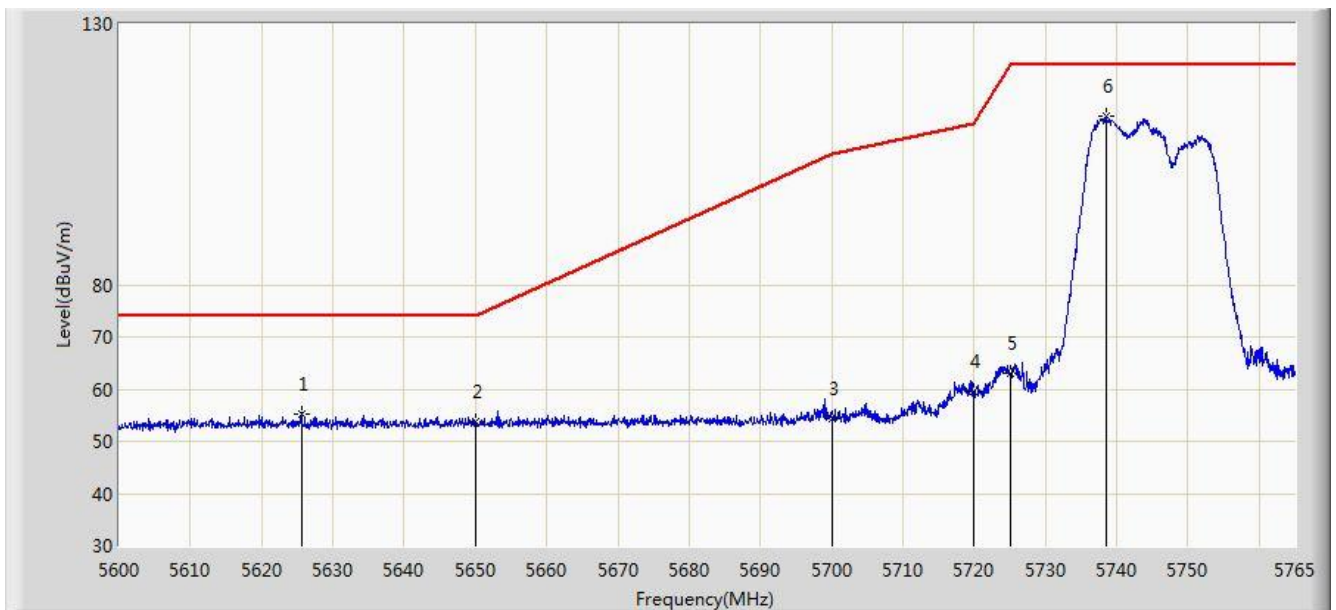


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5613.777 | 56.334 | 51.771 | -17.666 | 74.000 | 4.563 | PK |
| 2 | | | 5650.000 | 54.042 | 49.371 | -19.958 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 55.711 | 50.833 | -49.489 | 105.200 | 4.878 | PK |
| 4 | | | 5715.087 | 63.774 | 58.809 | -45.652 | 109.426 | 4.965 | PK |
| 5 | | | 5720.000 | 60.078 | 55.081 | -50.722 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 62.456 | 57.427 | -59.744 | 122.200 | 5.029 | PK |
| 7 | | * | 5748.500 | 114.641 | 109.466 | N/A | N/A | 5.175 | 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: 2016/09/14 - 00:23 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0+1+2+3 | |

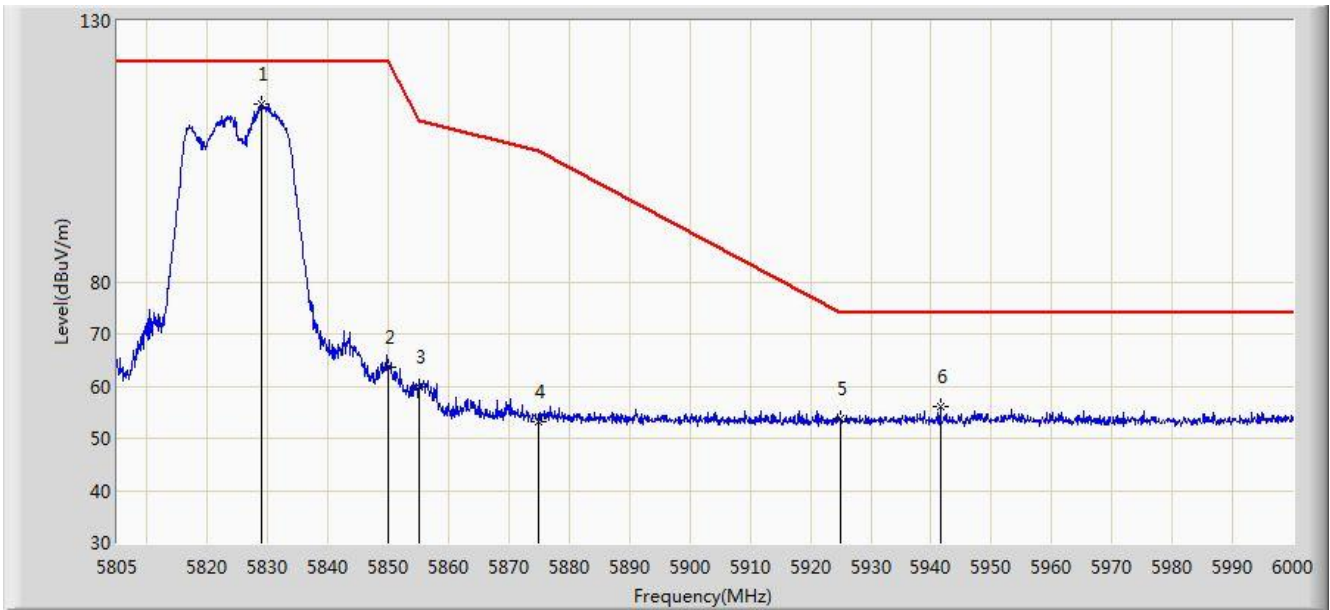


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5625.575 | 55.361 | 50.765 | -18.639 | 74.000 | 4.597 | PK |
| 2 | | | 5650.000 | 53.733 | 49.062 | -20.267 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 54.245 | 49.367 | -50.955 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 59.428 | 54.431 | -51.372 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 63.111 | 58.082 | -59.089 | 122.200 | 5.029 | PK |
| 6 | | * | 5738.518 | 112.414 | 107.299 | N/A | N/A | 5.115 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:24 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2+3 | |

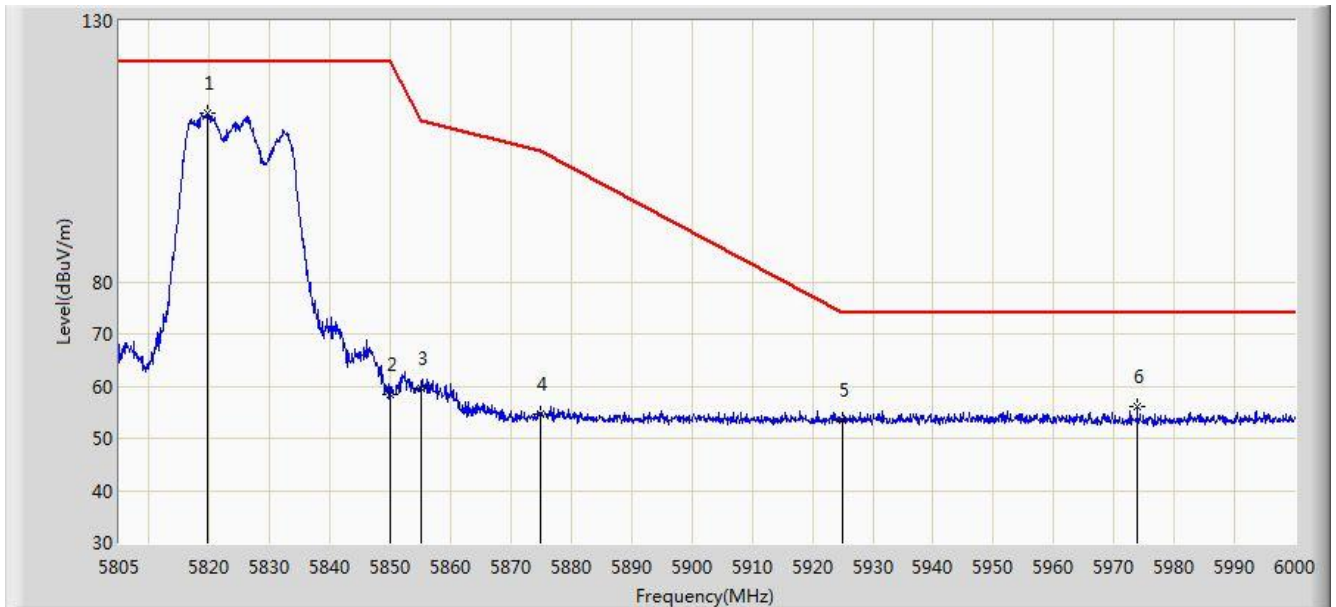


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5828.888 | 113.925 | 108.314 | N/A | N/A | 5.610 | PK |
| 2 | | | 5850.000 | 63.755 | 58.029 | -58.445 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 59.931 | 54.185 | -50.869 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 53.109 | 47.289 | -52.091 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.757 | 47.791 | -20.243 | 74.000 | 5.967 | PK |
| 6 | | | 5941.598 | 55.993 | 49.986 | -18.007 | 74.000 | 6.007 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:25 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0+1+2+3 | |

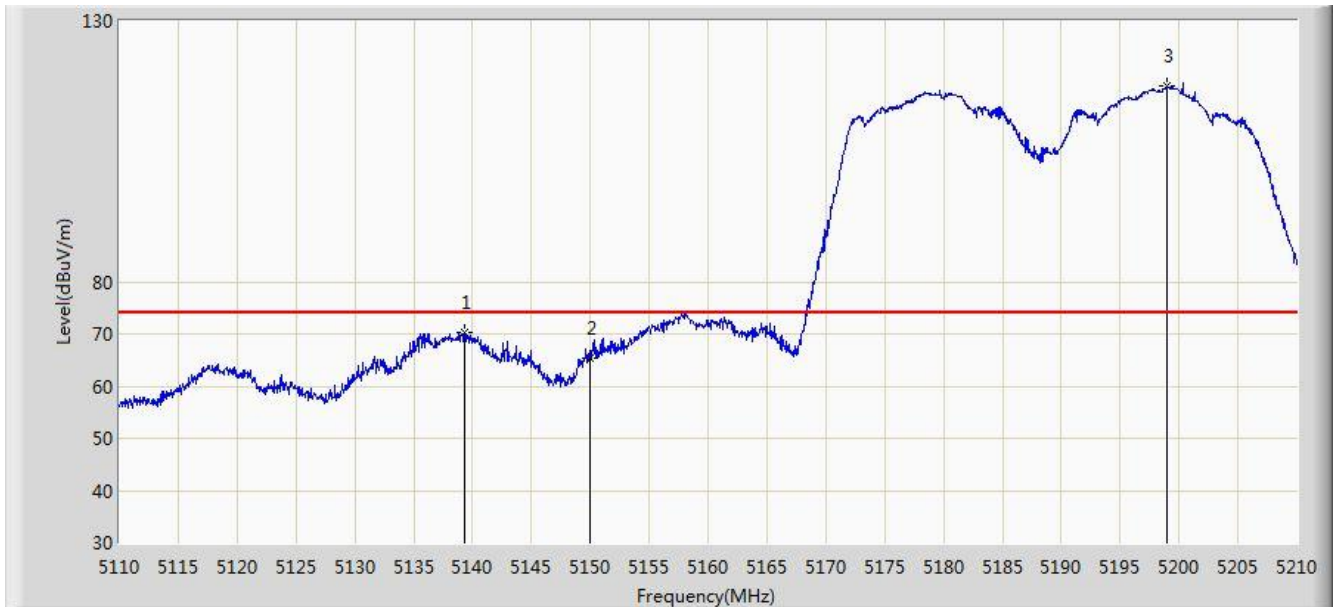


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5819.723 | 112.296 | 106.739 | N/A | N/A | 5.558 | PK |
| 2 | | | 5850.000 | 58.418 | 52.692 | -63.782 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 59.708 | 53.962 | -51.092 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 54.760 | 48.940 | -50.440 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.619 | 47.653 | -20.381 | 74.000 | 5.967 | PK |
| 6 | | | 5973.870 | 56.048 | 49.981 | -17.952 | 74.000 | 6.068 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:27 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3 | |

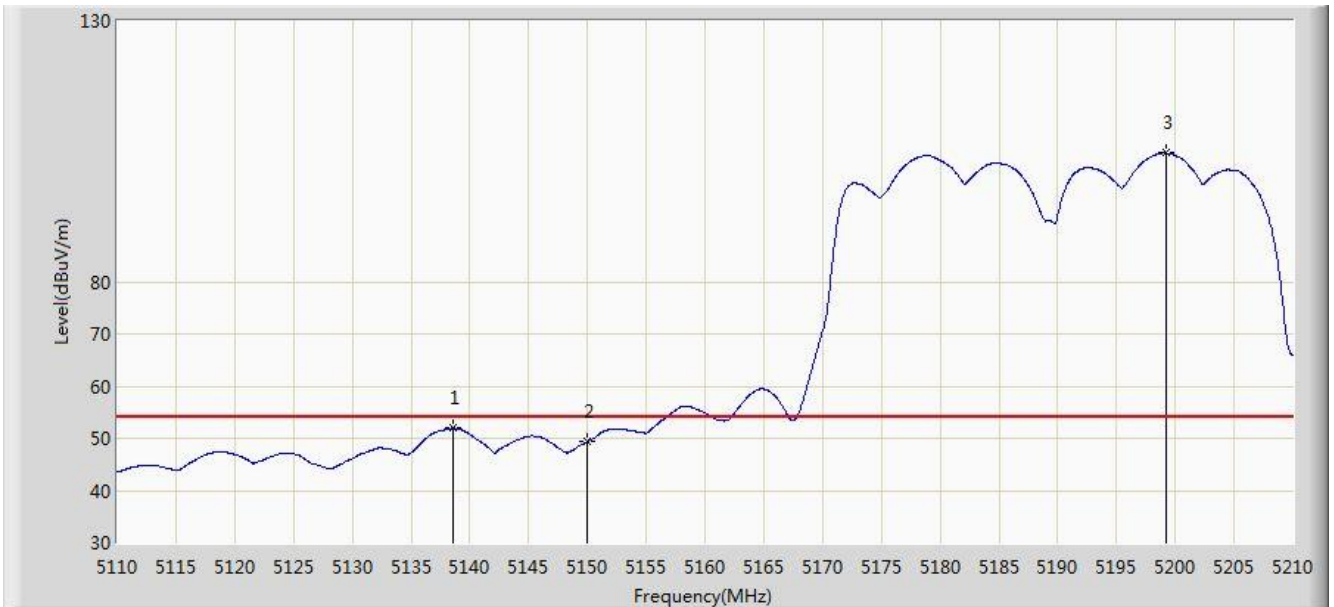


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5139.300 | 70.199 | 66.024 | -3.801 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 65.374 | 61.205 | -8.626 | 74.000 | 4.170 | PK |
| 3 | | * | 5199.000 | 117.400 | 113.399 | N/A | N/A | 4.001 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:29 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3 | |

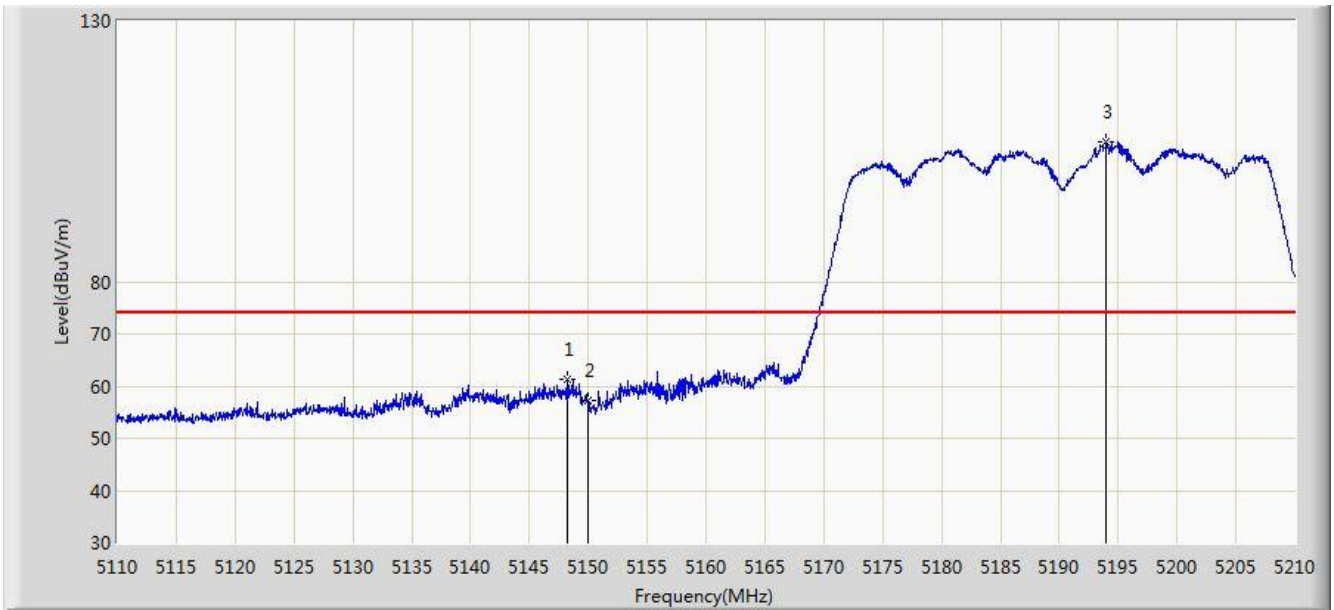


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5138.550 | 51.906 | 47.731 | -2.094 | 54.000 | 4.175 | AV |
| 2 | | | 5150.000 | 49.323 | 45.154 | -4.677 | 54.000 | 4.170 | AV |
| 3 | | * | 5199.200 | 104.667 | 100.666 | N/A | N/A | 4.001 | 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: 2016/09/14 - 00:30 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3 | |

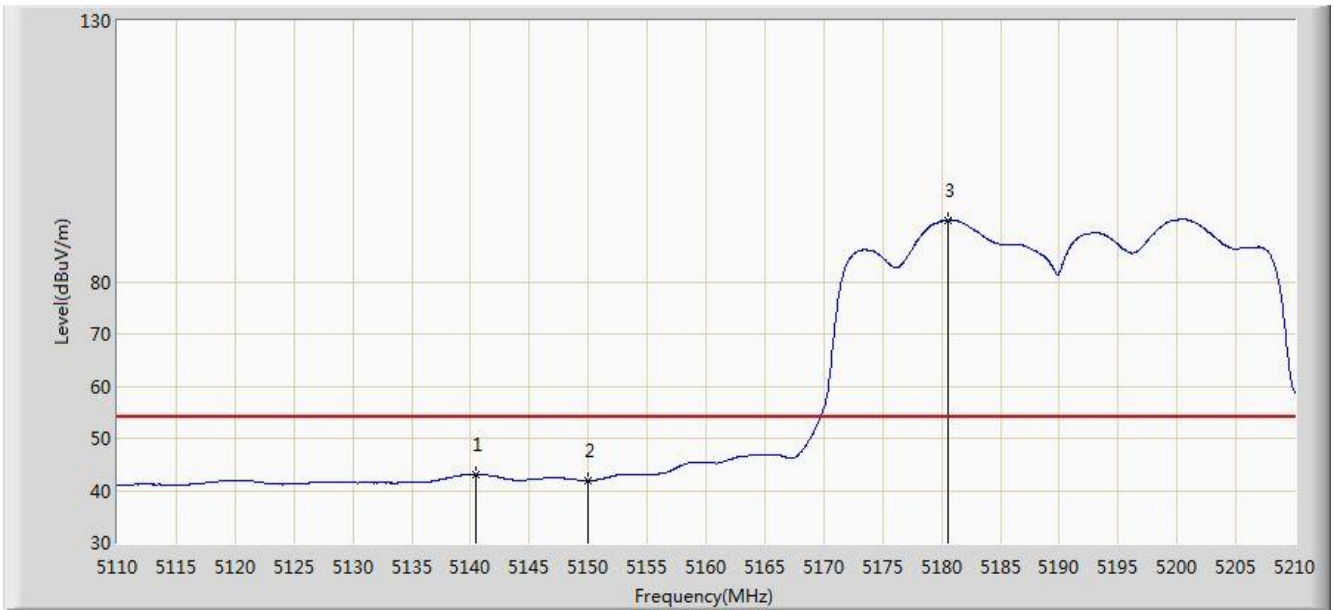


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5148.200 | 61.229 | 57.054 | -12.771 | 74.000 | 4.174 | PK |
| 2 | | | 5150.000 | 57.175 | 53.006 | -16.825 | 74.000 | 4.170 | PK |
| 3 | | * | 5193.950 | 106.733 | 102.714 | N/A | N/A | 4.019 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 00:31 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0+1+2+3 | |

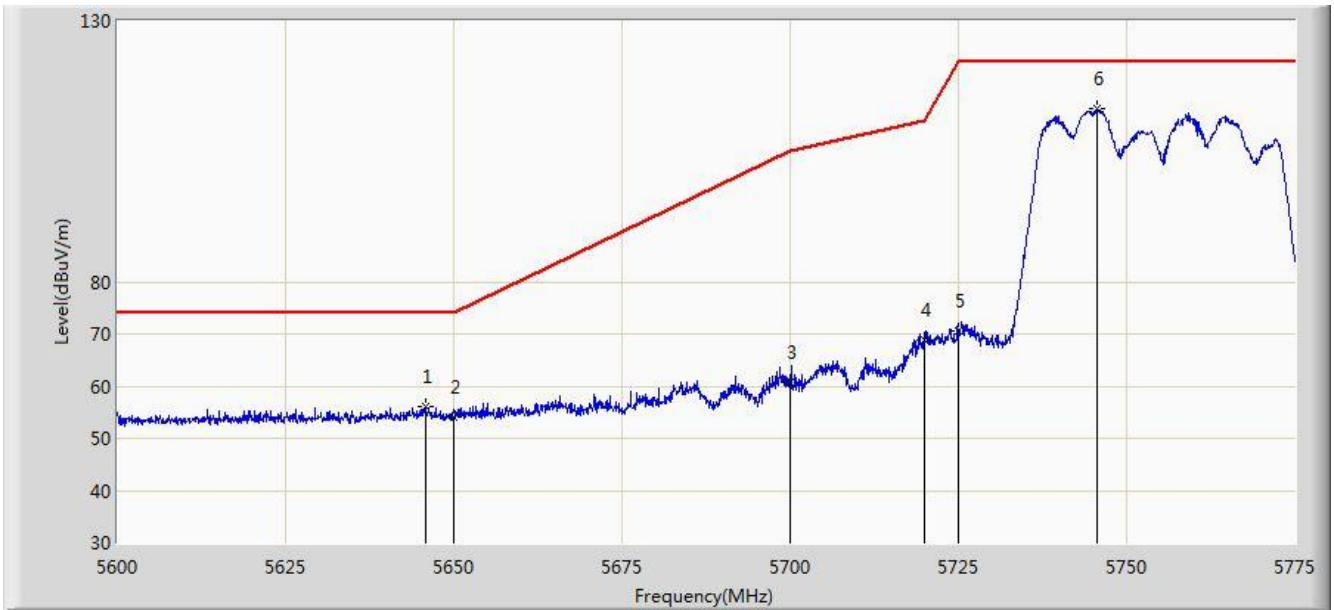


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5140.450 | 43.067 | 38.892 | -10.933 | 54.000 | 4.176 | AV |
| 2 | | | 5150.000 | 41.891 | 37.722 | -12.109 | 54.000 | 4.170 | AV |
| 3 | | * | 5180.550 | 91.863 | 87.796 | 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: 2016/09/14 - 01:00 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2+3 | |

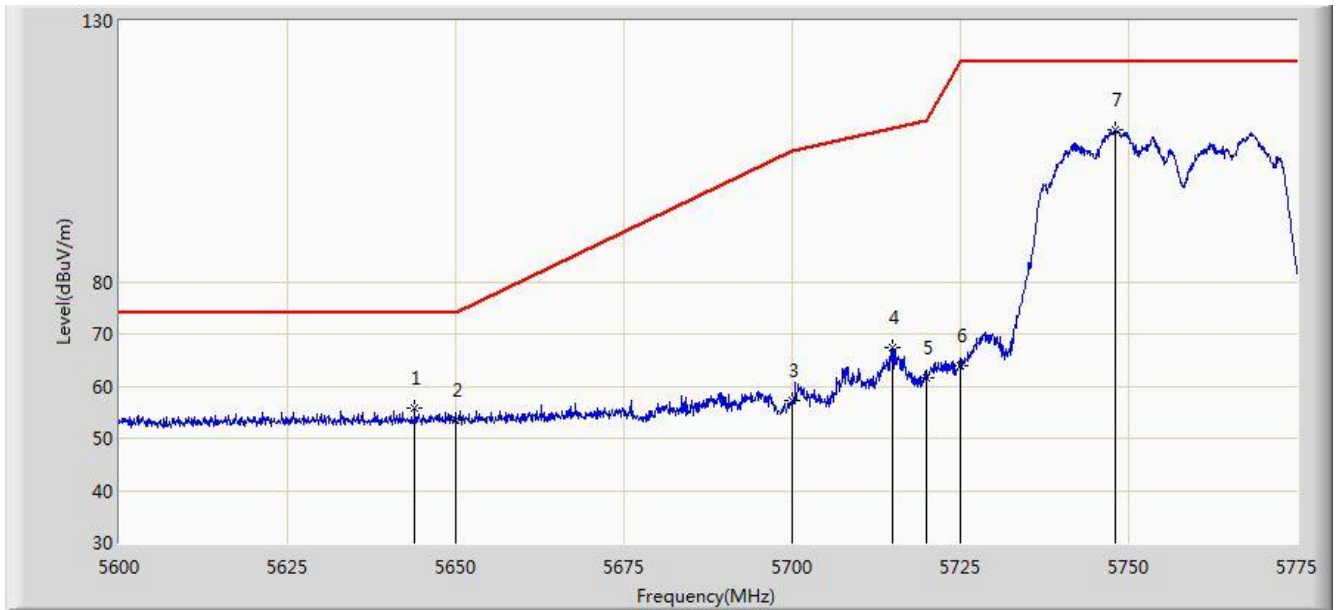


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5645.763 | 56.053 | 51.396 | -17.947 | 74.000 | 4.657 | PK |
| 2 | | | 5650.000 | 53.997 | 49.326 | -20.003 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 60.640 | 55.762 | -44.560 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 68.796 | 63.799 | -42.004 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 70.504 | 65.475 | -51.696 | 122.200 | 5.029 | PK |
| 6 | | * | 5745.513 | 113.079 | 107.921 | N/A | N/A | 5.158 | 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: 2016/09/14 - 01:02 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0+1+2+3 | |

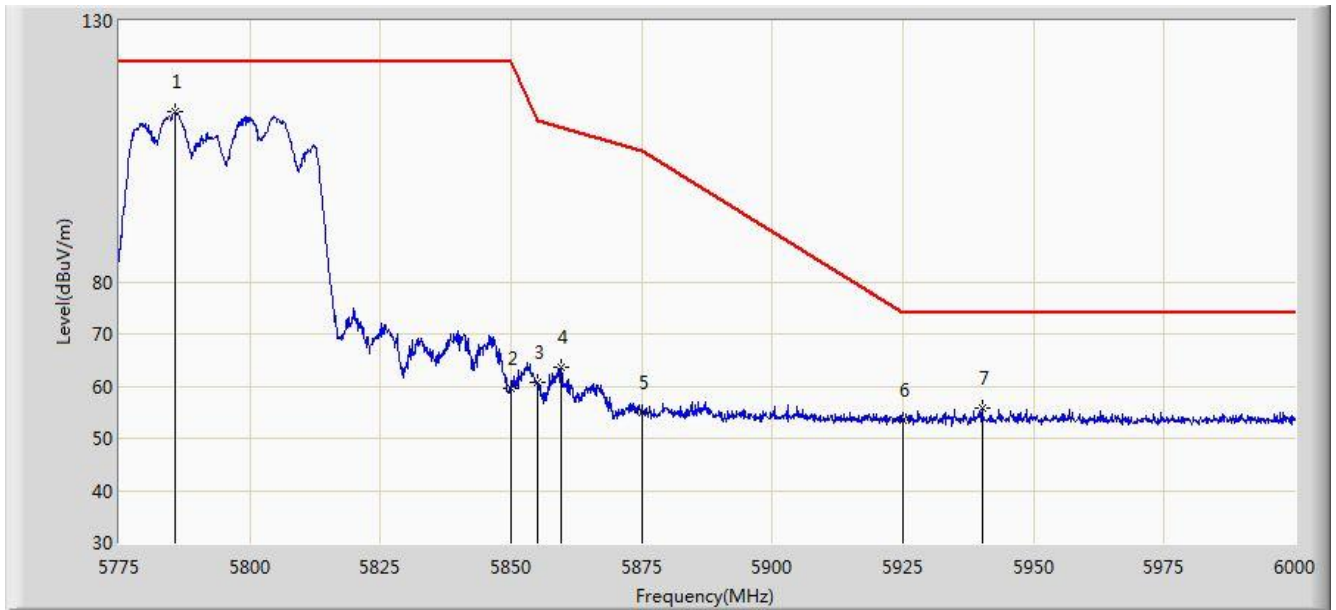


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5643.925 | 55.880 | 51.229 | -18.120 | 74.000 | 4.651 | PK |
| 2 | | | 5650.000 | 53.371 | 48.700 | -20.629 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 57.114 | 52.236 | -48.086 | 105.200 | 4.878 | PK |
| 4 | | | 5714.975 | 67.391 | 62.426 | -42.004 | 109.395 | 4.964 | PK |
| 5 | | | 5720.000 | 61.584 | 56.587 | -49.216 | 110.800 | 4.997 | PK |
| 6 | | | 5725.000 | 63.800 | 58.771 | -58.400 | 122.200 | 5.029 | PK |
| 7 | | * | 5747.962 | 109.076 | 103.904 | N/A | N/A | 5.172 | 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: 2016/09/14 - 01:03 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2+3 | |

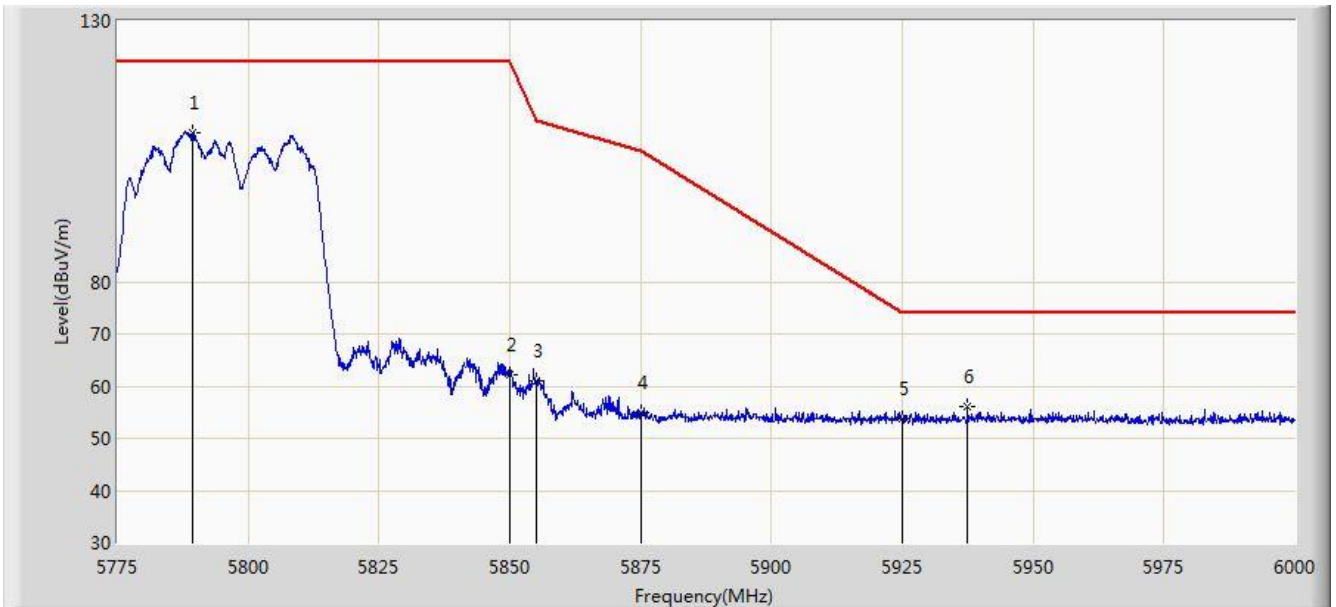


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5785.575 | 112.587 | 107.217 | N/A | N/A | 5.370 | PK |
| 2 | | | 5850.000 | 59.451 | 53.725 | -62.749 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 60.733 | 54.987 | -50.067 | 110.800 | 5.746 | PK |
| 4 | | | 5859.712 | 63.557 | 57.791 | -45.922 | 109.479 | 5.766 | PK |
| 5 | | | 5875.000 | 54.800 | 48.980 | -50.400 | 105.200 | 5.820 | PK |
| 6 | | | 5925.000 | 53.558 | 47.592 | -20.442 | 74.000 | 5.967 | PK |
| 7 | | | 5940.150 | 55.874 | 49.870 | -18.126 | 74.000 | 6.004 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 01:05 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0+1+2+3 | |

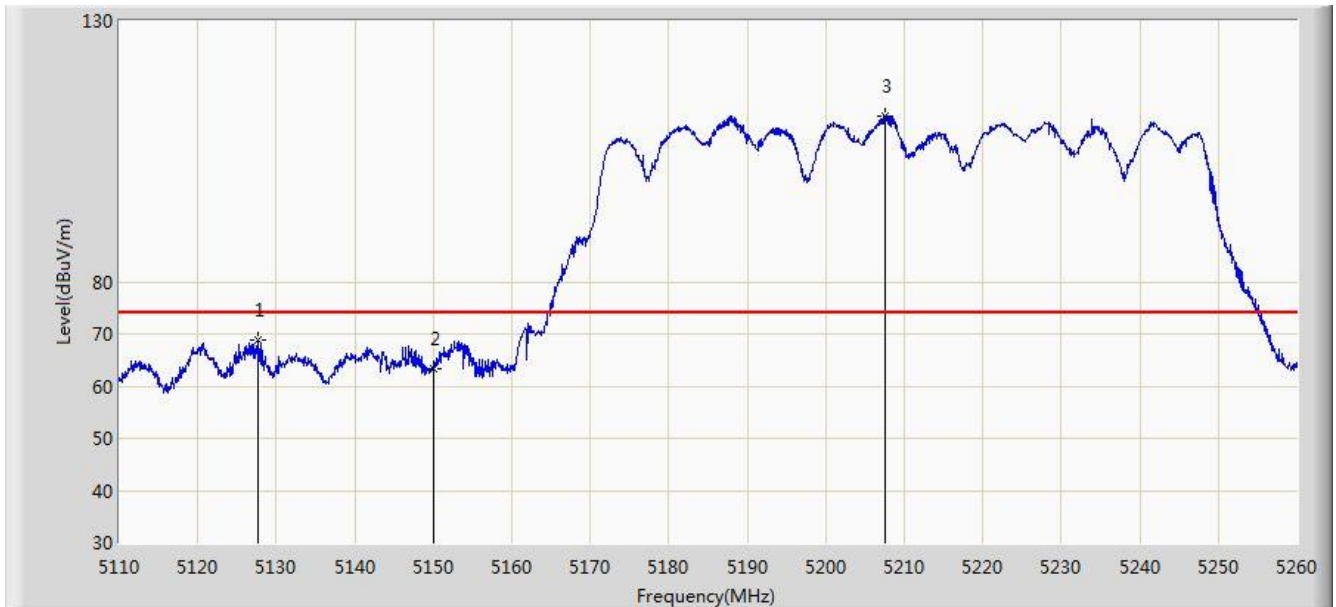


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5789.513 | 108.421 | 103.032 | N/A | N/A | 5.390 | PK |
| 2 | | | 5850.000 | 62.034 | 56.308 | -60.166 | 122.200 | 5.726 | PK |
| 3 | | | 5855.000 | 60.930 | 55.184 | -49.870 | 110.800 | 5.746 | PK |
| 4 | | | 5875.000 | 55.045 | 49.225 | -50.155 | 105.200 | 5.820 | PK |
| 5 | | | 5925.000 | 53.753 | 47.787 | -20.247 | 74.000 | 5.967 | PK |
| 6 | | | 5937.450 | 56.086 | 50.089 | -17.914 | 74.000 | 5.997 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 01:11 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3 | |

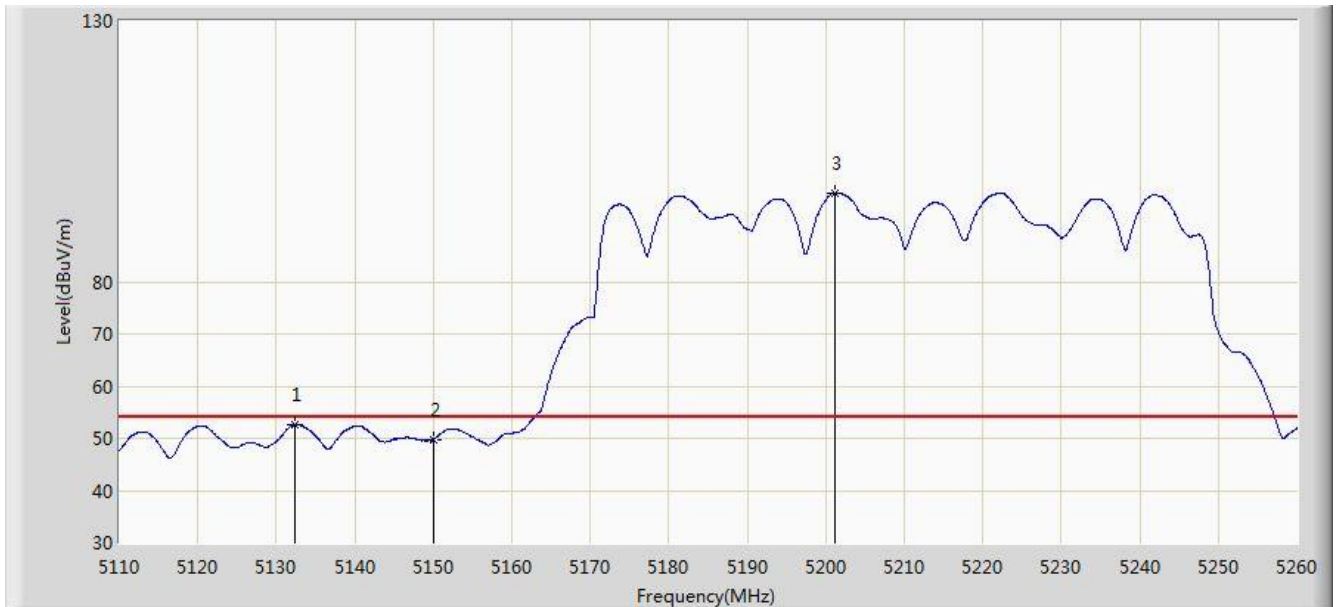


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5127.700 | 68.852 | 64.677 | -5.148 | 74.000 | 4.175 | PK |
| 2 | | | 5150.000 | 63.240 | 59.071 | -10.760 | 74.000 | 4.170 | PK |
| 3 | | * | 5207.650 | 111.863 | 107.887 | N/A | N/A | 3.976 | PK |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 01:10 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3 | |

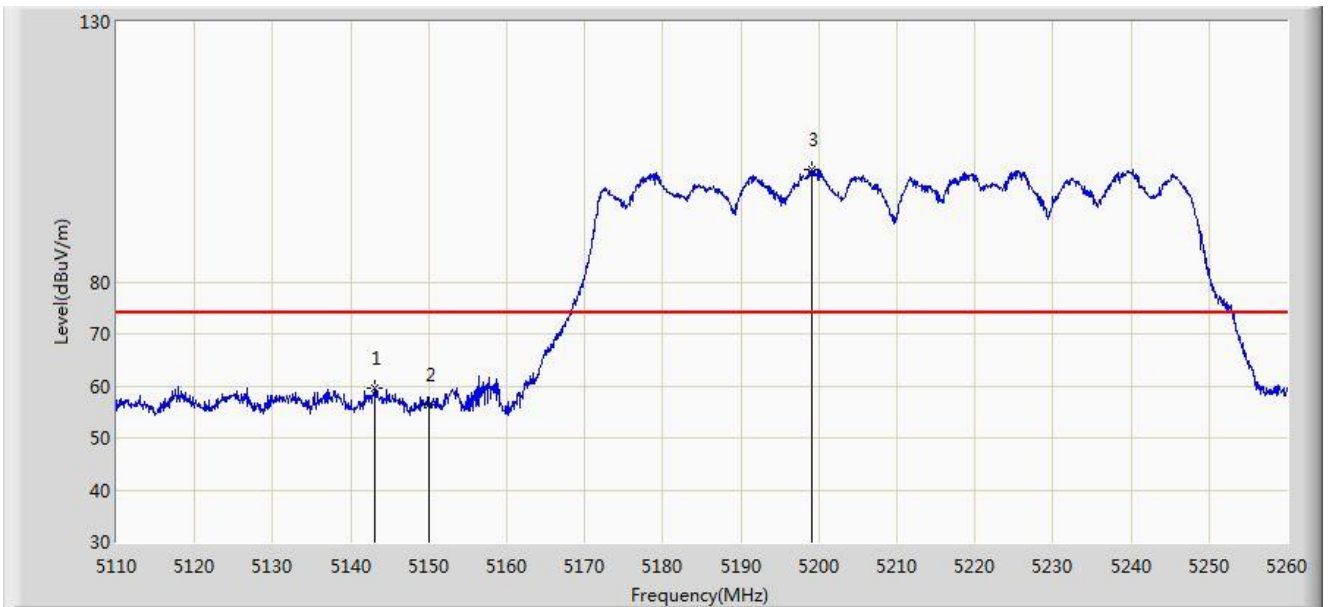


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5132.350 | 52.615 | 48.440 | -1.385 | 54.000 | 4.175 | AV |
| 2 | | | 5150.000 | 49.839 | 45.670 | -4.161 | 54.000 | 4.170 | AV |
| 3 | | * | 5201.125 | 97.026 | 93.031 | N/A | N/A | 3.995 | AV |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 01:12 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3 | |

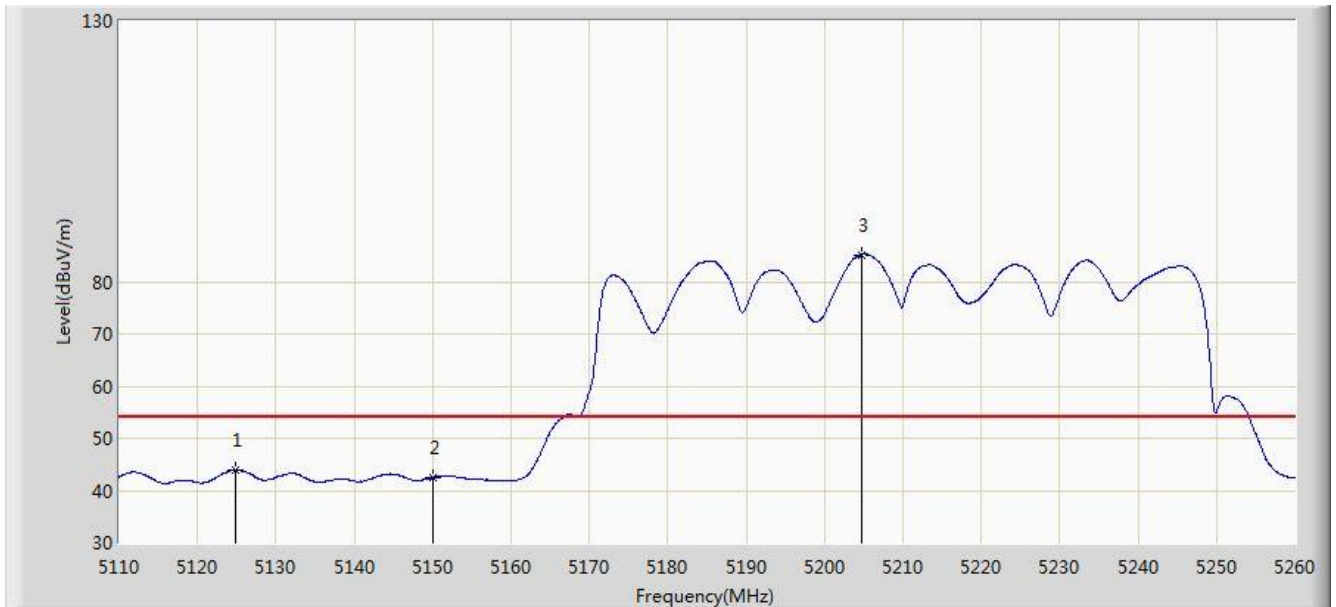


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5143.000 | 59.578 | 55.402 | -14.422 | 74.000 | 4.176 | PK |
| 2 | | | 5150.000 | 56.429 | 52.260 | -17.571 | 74.000 | 4.170 | PK |
| 3 | | * | 5199.025 | 101.529 | 97.528 | N/A | N/A | 4.002 | 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: 2016/09/14 - 01:13 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0+1+2+3 | |

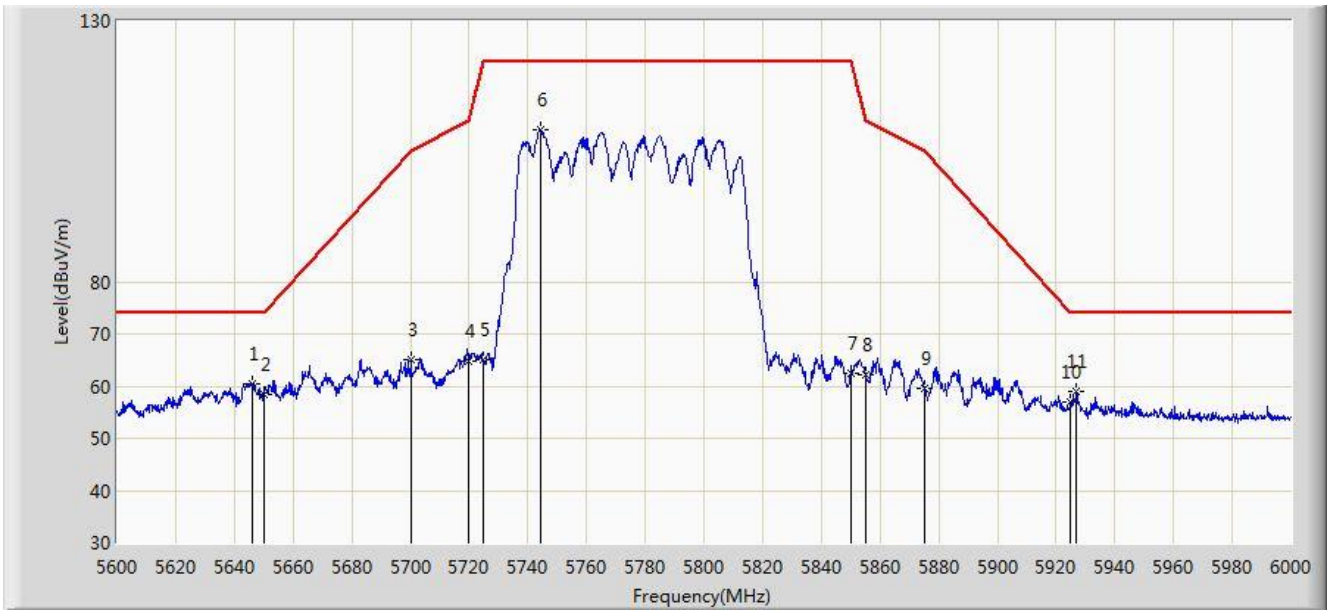


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5124.850 | 43.909 | 39.734 | -10.091 | 54.000 | 4.175 | AV |
| 2 | | | 5150.000 | 42.459 | 38.290 | -11.541 | 54.000 | 4.170 | AV |
| 3 | | * | 5204.650 | 85.194 | 81.209 | N/A | N/A | 3.984 | AV |

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

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

| | |
|----------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/09/14 - 01:39 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1+2+3 | |

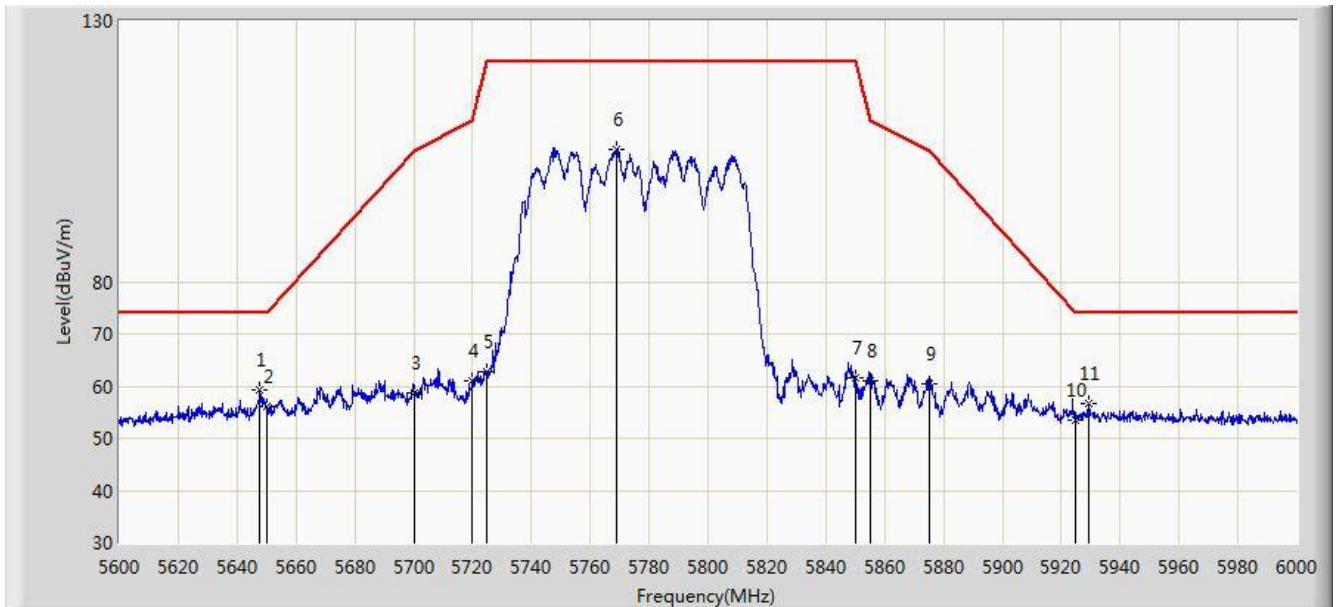


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5646.000 | 60.535 | 55.877 | -13.465 | 74.000 | 4.657 | PK |
| 2 | | | 5650.000 | 58.262 | 53.591 | -15.738 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 65.215 | 60.337 | -39.985 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 64.702 | 59.705 | -46.098 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 65.186 | 60.157 | -57.014 | 122.200 | 5.029 | PK |
| 6 | | * | 5744.200 | 109.039 | 103.889 | N/A | N/A | 5.151 | PK |
| 7 | | | 5850.000 | 62.570 | 56.844 | -59.630 | 122.200 | 5.726 | PK |
| 8 | | | 5855.000 | 62.217 | 56.471 | -48.583 | 110.800 | 5.746 | PK |
| 9 | | | 5875.000 | 59.474 | 53.654 | -45.726 | 105.200 | 5.820 | PK |
| 10 | | | 5925.000 | 56.980 | 51.014 | -17.020 | 74.000 | 5.967 | PK |
| 11 | | | 5927.000 | 58.944 | 52.973 | -15.056 | 74.000 | 5.971 | 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: 2016/09/14 - 01:41 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Vertical |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0+1+2+3 | |

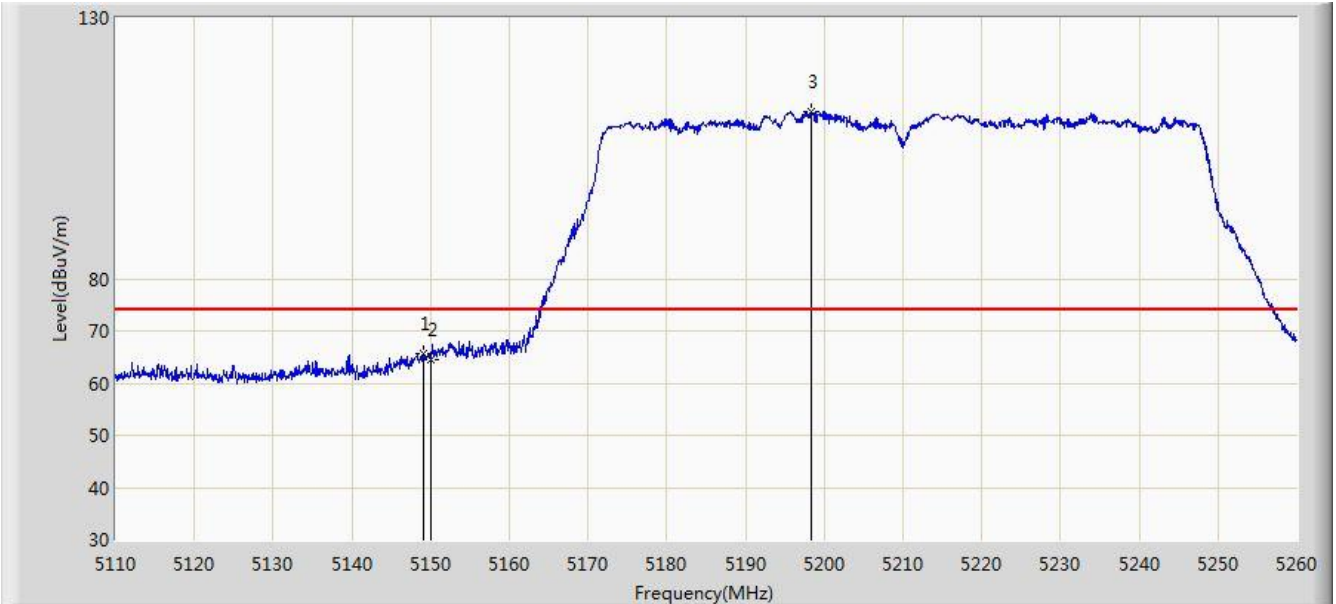


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | * | 5647.800 | 59.268 | 54.604 | -14.732 | 74.000 | 4.663 | PK |
| 2 | | | 5650.000 | 56.229 | 51.558 | -17.771 | 74.000 | 4.671 | PK |
| 3 | | | 5700.000 | 58.812 | 53.934 | -46.388 | 105.200 | 4.878 | PK |
| 4 | | | 5720.000 | 61.108 | 56.111 | -49.692 | 110.800 | 4.997 | PK |
| 5 | | | 5725.000 | 62.625 | 57.596 | -59.575 | 122.200 | 5.029 | PK |
| 6 | | | 5768.800 | 105.351 | 100.066 | N/A | N/A | 5.285 | PK |
| 7 | | | 5850.000 | 61.725 | 55.999 | -60.475 | 122.200 | 5.726 | PK |
| 8 | | | 5855.000 | 61.118 | 55.372 | -49.682 | 110.800 | 5.746 | PK |
| 9 | | | 5875.000 | 60.512 | 54.692 | -44.688 | 105.200 | 5.820 | PK |
| 10 | | | 5925.000 | 53.482 | 47.516 | -20.518 | 74.000 | 5.967 | PK |
| 11 | | | 5929.400 | 56.524 | 50.547 | -17.476 | 74.000 | 5.978 | 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: 2016/12/03 - 16:12 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5775MHz Ant 0 + 1 + 2 + 3 | |

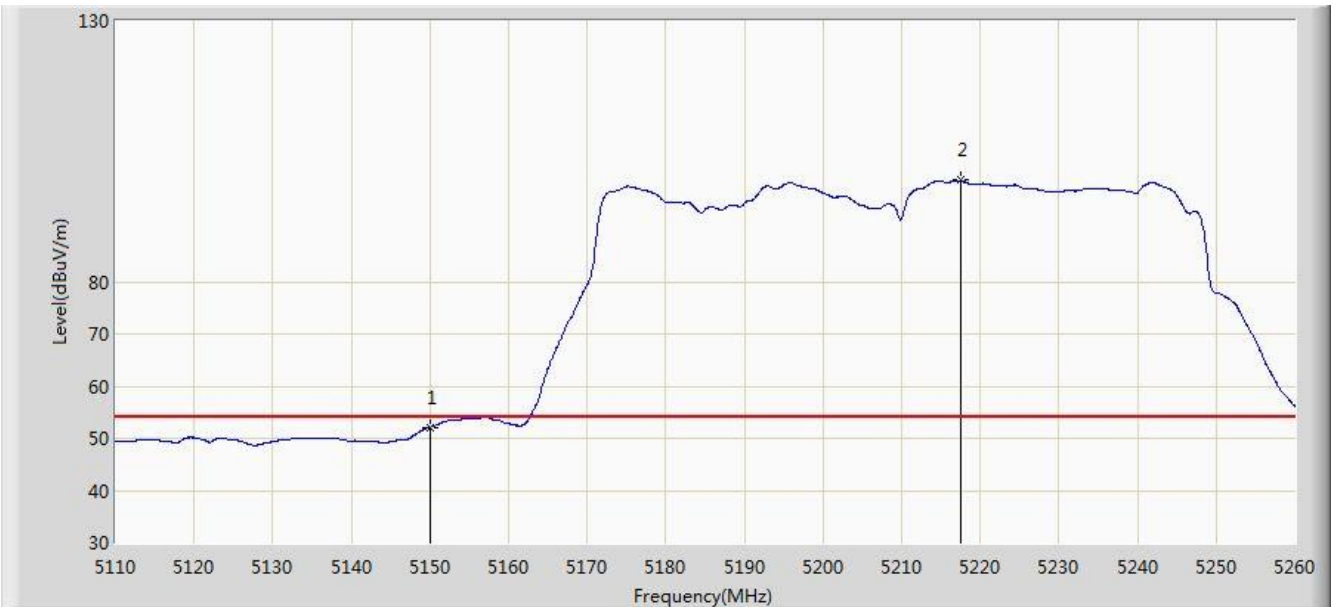


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1 | | | 5149.075 | 65.556 | 61.384 | -8.444 | 74.000 | 4.173 | PK |
| 2 | | | 5150.000 | 64.482 | 60.313 | -9.518 | 74.000 | 4.170 | PK |
| 3 | | * | 5198.425 | 112.040 | 108.036 | N/A | N/A | 4.004 | PK |

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

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

| | |
|---------------------------------------------------------------------------------------|--------------------------|
| Site: AC1 | Time: 2016/12/03 - 16:06 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Kevin Ke |
| Probe: BBHA9120D_1GHz_18GHz | Polarity: Horizontal |
| EUT: US WI-FI AP 4X4 OD ext. antenna | Power: DC 54V |
| Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+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 | | | 5150.000 | 52.072 | 47.903 | -1.928 | 54.000 | 4.170 | AV |
| 2 | | * | 5217.475 | 99.434 | 95.488 | N/A | N/A | 3.947 | AV |

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

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