

## APPENDIX B – TEST DATA OF RADIATED EMISSION

### Radiated Emission Band Edge

The worst case attitude: The EUT lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

The measurement results contain the correction factor of the duty cycle.

Sample calculation: (101.40 dBuV/m) = (54.50 dBμV) + (12.4 dB) + (34.5 dB), the corresponding frequency is 5180MHz.

Carrier frequency (MHz): 5180 MHz

Channel No.:36

Test Mode: 802.11a

Polarity:Vertical

Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 101.40                 | 54.50                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 50.59                  | 3.69                 | -17.61          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11a

Polarity:Horizontal

Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 99.64                  | 52.74                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 49.41                  | 2.51                 | -18.79          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a

Polarity:Vertical

Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 94.51                  | 47.61                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 39.02                  | -7.88                | -14.98          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a

Polarity:Horizontal

Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 93.43                  | 46.53                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 36.33                  | -10.57               | -17.67          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a

Polarity:Vertical

Detector: Peak

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5240               | 101.36                       | 54.46                      | N/A                   | N/A               | 12.40                 | 34.50                     |
| 2  | 5250               | 49.62                        | 2.72                       | -18.58                | 68.20             | 12.40                 | 34.50                     |

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a

Polarity:Horizontal

Detector: Peak

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5240               | 99.99                        | 53.09                      | N/A                   | N/A               | 12.40                 | 34.50                     |
| 2  | 5250               | 47.88                        | 0.98                       | -20.32                | 68.20             | 12.40                 | 34.50                     |

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a

Polarity:Vertical

Detector: Average

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5240               | 95.36                        | 48.46                      | N/A                   | N/A               | 12.40                 | 34.50                     |
| 2  | 5250               | 39.08                        | -7.82                      | -14.92                | 54.00             | 12.40                 | 34.50                     |

Carrier frequency (MHz): 5240 MHz

Channel No.:48

Test Mode: 802.11a

Polarity:Horizontal

Detector: Average

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5240               | 92.46                        | 45.56                      | N/A                   | N/A               | 12.40                 | 34.50                     |
| 2  | 5250               | 36.62                        | -10.28                     | -17.38                | 54.00             | 12.40                 | 34.50                     |

Carrier frequency (MHz): 5180 MHz  
Channel No.:36  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 101.85                 | 54.95                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 49.01                  | 2.11                 | -19.19          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180  
Channel No.:36  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 100.75                 | 53.85                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 47.31                  | 0.41                 | -20.89          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 95.25                  | 48.35                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 39.99                  | -6.91                | -14.01          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 93.57                  | 46.67                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 37.32                  | -9.58                | -16.68          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 101.80                 | 54.90                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 49.27                  | 2.37                 | -18.93          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 100.61                 | 53.71                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 47.96                  | 1.06                 | -20.24          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 95.64                  | 48.74                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 40.93                  | -5.97                | -13.07          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 93.40                  | 46.50                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 39.61                  | -7.29                | -14.39          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz  
Channel No.:36  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 101.68                 | 54.78                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 50.38                  | 3.48                 | -17.82          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180  
Channel No.:36  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 98.82                  | 51.92                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 47.95                  | 1.05                 | -20.25          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 94.72                  | 47.82                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 39.43                  | -7.47                | -14.57          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5180 MHz  
Channel No.: 36  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5180            | 91.77                  | 44.87                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 36.65                  | -10.25               | -17.35          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 100.54                 | 53.64                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 50.09                  | 3.19                 | -18.11          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 98.39                  | 51.49                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 48.75                  | 1.85                 | -19.45          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 95.43                  | 48.53                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 39.15                  | -7.75                | -14.85          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5240            | 93.63                  | 46.73                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 37.98                  | -8.92                | -16.02          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 101.05                 | 54.15                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 49.01                  | 2.11                 | -19.19          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 98.14                  | 51.24                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 46.24                  | -0.66                | -21.96          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 95.51                  | 48.61                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 40.35                  | -6.55                | -13.65          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 92.57                  | 45.67                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 37.44                  | -9.46                | -16.56          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 101.73                 | 54.83                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 49.41                  | 2.51                 | -18.79          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 100.49                 | 53.59                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 46.55                  | -0.35                | -21.65          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 95.53                  | 48.63                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 40.78                  | -6.12                | -13.22          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 93.07                  | 46.17                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 38.76                  | -8.14                | -15.24          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 100.40                 | 53.50                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 50.07                  | 3.17                 | -18.13          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 98.21                  | 51.31                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 46.38                  | -0.52                | -21.82          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 96.11                  | 49.21                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 39.44                  | -7.46                | -14.56          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5190 MHz  
Channel No.:38  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5190            | 93.52                  | 46.62                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 37.87                  | -9.03                | -16.13          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 101.78                 | 54.88                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 49.10                  | 2.20                 | -19.10          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 99.10                  | 52.20                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 47.64                  | 0.74                 | -20.56          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 94.53                  | 47.63                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 39.91                  | -6.99                | -14.09          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5230 MHz  
Channel No.:46  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5230            | 91.74                  | 44.84                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5250            | 37.39                  | -9.51                | -16.61          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5210            | 100.96                 | 54.06                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 50.92                  | 4.02                 | -17.28          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5210            | 98.46                  | 51.56                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 48.86                  | 1.96                 | -19.34          | 68.20          | 12.40           | 34.50               |

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5210            | 95.19                  | 48.29                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 40.27                  | -6.63                | -13.73          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5210 MHz  
Channel No.:42  
Test Mode: 802.11ac (VHT80)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5210            | 93.33                  | 46.43                | N/A             | N/A            | 12.40           | 34.50               |
| 2  | 5150            | 38.31                  | -8.59                | -15.69          | 54.00          | 12.40           | 34.50               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
Polarity:Vertical  
Detector: Peak

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5745               | 102.51                       | 54.91                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5725               | 50.78                        | 3.18                       | -17.42                | 68.20             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
Polarity:Horizontal  
Detector: Peak

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5745               | 97.46                        | 49.86                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5725               | 48.59                        | 0.99                       | -19.61                | 68.20             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
Polarity:Vertical  
Detector: Average

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5745               | 97.65                        | 50.05                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5725               | 41.09                        | -6.51                      | -12.91                | 54.00             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11a  
Polarity:Horizontal  
Detector: Average

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5745               | 95.25                        | 47.65                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5725               | 39.52                        | -8.08                      | -14.48                | 54.00             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 103.54                 | 55.94                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 51.68                  | 4.08                 | -16.52          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 98.48                  | 50.88                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 49.41                  | 1.81                 | -18.79          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 98.06                  | 50.46                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 40.31                  | -7.29                | -13.69          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11a  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 96.60                  | 49.00                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 37.75                  | -9.85                | -16.25          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 102.71                 | 55.11                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 50.42                  | 2.82                 | -17.78          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 97.69                  | 50.09                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 48.19                  | 0.59                 | -20.01          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 96.76                  | 49.16                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 40.09                  | -7.51                | -13.91          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 94.59                  | 46.99                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 38.30                  | -9.30                | -15.70          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 103.74                 | 56.14                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 50.35                  | 2.75                 | -17.85          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 98.68                  | 51.08                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 49.21                  | 1.61                 | -18.99          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 97.97                  | 50.37                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 40.84                  | -6.76                | -13.16          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11n (HT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 96.14                  | 48.54                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 37.92                  | -9.68                | -16.08          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 103.18                 | 55.58                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 50.88                  | 3.28                 | -17.32          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 98.12                  | 50.52                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 49.59                  | 1.99                 | -18.61          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 97.01                  | 49.41                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 41.79                  | -5.81                | -12.21          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5745 MHz  
Channel No.:149  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5745            | 94.12                  | 46.52                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5725            | 40.08                  | -7.52                | -13.92          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 103.85                 | 56.25                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 50.98                  | 3.38                 | -17.22          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 100.80                 | 53.20                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 48.83                  | 1.23                 | -19.37          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 96.58                  | 48.98                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 41.53                  | -6.07                | -12.47          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5825 MHz  
Channel No.:165  
Test Mode: 802.11ac (VHT20)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5825            | 93.64                  | 46.04                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5845            | 40.51                  | -7.09                | -13.49          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 102.75                 | 55.15                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 50.72                  | 3.12                 | -17.48          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 99.68                  | 52.08                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 48.04                  | 0.44                 | -20.16          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 98.40                  | 50.80                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 40.93                  | -6.67                | -13.07          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 97.02                  | 49.42                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 38.22                  | -9.38                | -15.78          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5795            | 102.35                 | 54.75                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5835            | 50.02                  | 2.42                 | -18.18          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5795            | 99.27                  | 51.67                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5835            | 48.04                  | 0.44                 | -20.16          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11n (HT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5795            | 96.71                  | 49.11                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5835            | 41.33                  | -6.27                | -12.67          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11n (HT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5795            | 93.82                  | 46.22                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5835            | 39.52                  | -8.08                | -14.48          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 103.71                 | 56.11                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 51.66                  | 4.06                 | -16.54          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 100.64                 | 53.04                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 49.70                  | 2.10                 | -18.50          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 97.63                  | 50.03                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 40.10                  | -7.50                | -13.90          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5755 MHz  
Channel No.:151  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5755            | 96.54                  | 48.94                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5715            | 37.51                  | -10.09               | -16.49          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)

Polarity:Vertical  
Detector: Peak

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5795               | 102.40                       | 54.80                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5835               | 51.08                        | 3.48                       | -17.12                | 68.20             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5795               | 99.35                        | 51.75                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5835               | 49.29                        | 1.69                       | -18.91                | 68.20             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
Polarity:Vertical  
Detector: Average

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5795               | 97.16                        | 49.56                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5835               | 41.15                        | -6.45                      | -12.85                | 54.00             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5795 MHz  
Channel No.:159  
Test Mode: 802.11ac (VHT40)  
Polarity:Horizontal  
Detector: Average

| No | Frequency<br>(MHz) | Measure<br>Level<br>(dBuV/m) | Reading<br>Level<br>(dBuV) | Over<br>Limit<br>(dB) | Limit<br>(dBuV/m) | cable<br>loss<br>(dB) | antenna<br>factor<br>(dB) |
|----|--------------------|------------------------------|----------------------------|-----------------------|-------------------|-----------------------|---------------------------|
| 1  | 5795               | 94.82                        | 47.22                      | N/A                   | N/A               | 12.90                 | 34.70                     |
| 2  | 5835               | 38.69                        | -8.91                      | -15.31                | 54.00             | 12.90                 | 34.70                     |

Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
Polarity:Vertical  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5775            | 102.58                 | 54.98                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5695            | 50.96                  | 3.36                 | -17.24          | 68.20          | 12.90           | 34.70               |

Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
Polarity:Horizontal  
Detector: Peak

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5775            | 99.54                  | 51.94                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5695            | 49.70                  | 2.10                 | -18.50          | 68.20          | 12.90           | 34.70               |

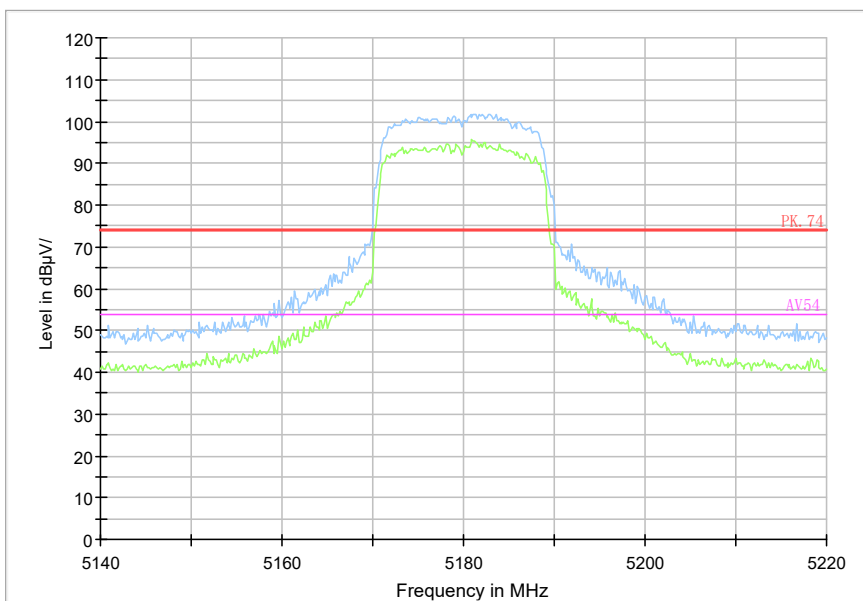
Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
Polarity:Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5775            | 98.17                  | 50.57                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5695            | 40.33                  | -7.27                | -13.67          | 54.00          | 12.90           | 34.70               |

Carrier frequency (MHz): 5775 MHz  
Channel No.:155  
Test Mode: 802.11ac (VHT80)  
Polarity:Horizontal  
Detector: Average

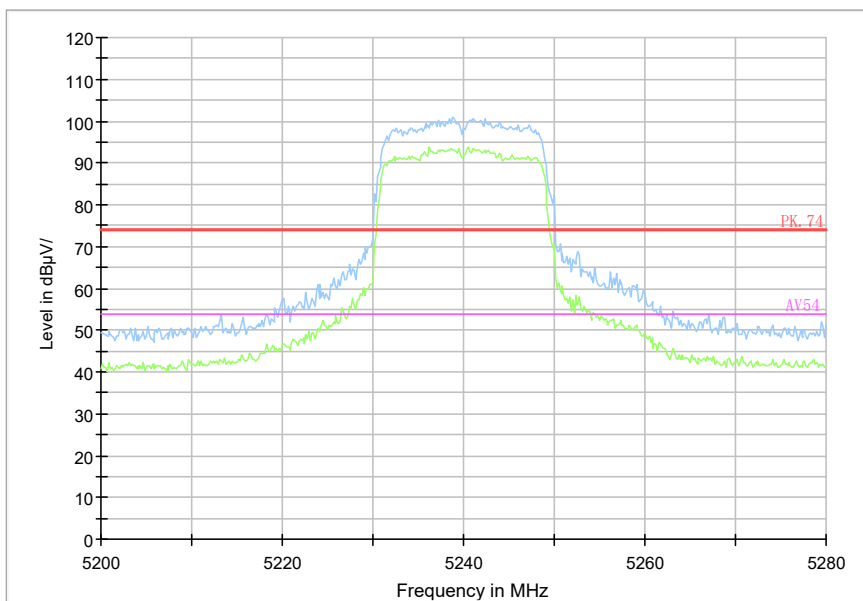
| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 5775            | 95.89                  | 48.29                | N/A             | N/A            | 12.90           | 34.70               |
| 2  | 5695            | 38.22                  | -9.38                | -15.78          | 54.00          | 12.90           | 34.70               |

Full Spectrum



**Radiated Emission Band Edge**  
Carrier frequency (MHz): 5180 MHz  
Channel No.:36  
Test Mode: 802.11a

Full Spectrum



**Radiated Emission Band Edge**  
Carrier frequency (MHz): 5240 MHz  
Channel No.:48  
Test Mode: 802.11a

## Sample Calculations

### Determining Spurious Emissions Levels

A “reference path loss” is established and the  $A_{Rpl}$  is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

Result=  $P_{mea} + A_{Rpl}$

Sample calculation: (29.33 dB $\mu$ V/m) = (49.23 dB $\mu$ V) + (-19.9 dB/m), the corresponding frequency is 34.462000MHz.

The worst case attitude: The EUT lay down.

For 802.11a Channel No.:36

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 34.462000      | 29.33          | -19.9     | 49.23         | Vertical | 40.00          |
| 81.410000      | 19.68          | -23.5     | 43.18         | Vertical | 40.00          |
| 124.138500     | 24.04          | -20.9     | 44.94         | Vertical | 43.50          |
| 230.402000     | 10.53          | -17.2     | 27.73         | Vertical | 46.00          |
| 535.806500     | 12.06          | -8.3      | 20.36         | Vertical | 46.00          |
| 903.970000     | 17.17          | -1.4      | 18.57         | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:36

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 30.10          | -20.1     | 50.2          | Vertical | 40.00          |
| 76.899500      | 18.39          | -23.2     | 41.59         | Vertical | 40.00          |
| 123.265500     | 24.17          | -20.8     | 44.97         | Vertical | 43.50          |
| 234.476000     | 11.36          | -16.9     | 28.26         | Vertical | 46.00          |
| 549.289500     | 12.09          | -8.0      | 20.09         | Vertical | 46.00          |
| 950.287500     | 17.51          | -0.9      | 18.41         | Vertical | 46.00          |

For 802.11ac(VHT20) Channel No.:36

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.589000      | 30.03          | -20.1     | 50.13         | Vertical | 40.00          |
| 85.920500      | 19.61          | -21.9     | 41.51         | Vertical | 40.00          |
| 123.362500     | 24.39          | -20.8     | 45.19         | Vertical | 43.50          |
| 238.938000     | 11.05          | -16.6     | 27.65         | Vertical | 46.00          |
| 526.203500     | 12.00          | -8.6      | 20.6          | Vertical | 46.00          |
| 945.243500     | 17.40          | -0.9      | 18.3          | Vertical | 46.00          |

For 802.11a Channel No.:40

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.443500      | 29.91          | -20.2     | 50.11         | Vertical | 40.00          |
| 81.992000      | 19.11          | -23.3     | 42.41         | Vertical | 40.00          |
| 116.524000     | 24.82          | -20.3     | 45.12         | Vertical | 43.50          |
| 239.908000     | 10.68          | -16.6     | 27.28         | Vertical | 46.00          |
| 541.772000     | 12.12          | -8.1      | 20.22         | Vertical | 46.00          |
| 908.529000     | 17.23          | -1.4      | 18.63         | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:40

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.298000      | 29.12          | -20.2     | 49.32         | Vertical | 40.00          |
| 85.241500      | 19.41          | -22.2     | 41.61         | Vertical | 40.00          |
| 121.034500     | 24.66          | -20.7     | 45.36         | Vertical | 43.50          |
| 224.533500     | 8.23           | -17.7     | 25.93         | Vertical | 46.00          |
| 515.630500     | 11.51          | -8.9      | 20.41         | Vertical | 46.00          |
| 930.936000     | 17.30          | -1.1      | 18.4          | Vertical | 46.00          |

For 802.11ac(VHT20) Channel No.:40

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.522000      | 29.71          | -20.4     | 50.11         | Vertical | 40.00          |
| 77.433000      | 19.26          | -23.4     | 42.66         | Vertical | 40.00          |
| 116.087500     | 24.56          | -20.3     | 44.86         | Vertical | 43.50          |
| 233.118000     | 10.89          | -17.0     | 27.89         | Vertical | 46.00          |
| 532.896500     | 12.06          | -8.4      | 20.46         | Vertical | 46.00          |
| 932.294000     | 17.37          | -1.1      | 18.47         | Vertical | 46.00          |

For 802.11a Channel No.:48

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 31.988500      | 29.61          | -20.6     | 50.21         | Vertical | 40.00          |
| 85.920500      | 19.89          | -21.9     | 41.79         | Vertical | 40.00          |
| 120.258500     | 24.59          | -20.7     | 45.29         | Vertical | 43.50          |
| 234.524500     | 11.31          | -16.9     | 28.21         | Vertical | 46.00          |
| 539.880500     | 12.15          | -8.2      | 20.35         | Vertical | 46.00          |
| 950.675500     | 17.50          | -0.9      | 18.4          | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:48

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.570500      | 29.69          | -20.4     | 50.09         | Vertical | 40.00          |
| 85.775000      | 19.59          | -22.0     | 41.59         | Vertical | 40.00          |
| 122.732000     | 24.56          | -20.8     | 45.36         | Vertical | 43.50          |
| 236.610000     | 11.54          | -16.8     | 28.34         | Vertical | 46.00          |
| 495.260500     | 11.25          | -9.4      | 20.65         | Vertical | 46.00          |
| 914.397500     | 17.25          | -1.3      | 18.55         | Vertical | 46.00          |

For 802.11ac(VHT20) Channel No.:48

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.562500      | 29.64          | -20.4     | 50.04         | Vertical | 40.00          |
| 77.433000      | 19.38          | -23.4     | 42.78         | Vertical | 40.00          |
| 116.427000     | 25.05          | -20.3     | 45.35         | Vertical | 43.50          |
| 234.524500     | 11.40          | -16.9     | 28.3          | Vertical | 46.00          |
| 547.398000     | 12.24          | -8.0      | 20.24         | Vertical | 46.00          |
| 954.070500     | 17.61          | -0.8      | 18.41         | Vertical | 46.00          |

For 802.11n(HT40) Channel No.:38

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.570500      | 29.74          | -20.4     | 50.14         | Vertical | 40.00          |
| 80.488500      | 18.87          | -23.8     | 42.67         | Vertical | 40.00          |
| 115.990500     | 24.59          | -20.2     | 44.79         | Vertical | 43.50          |
| 238.307500     | 11.50          | -16.7     | 28.2          | Vertical | 46.00          |
| 543.178500     | 12.20          | -8.1      | 20.3          | Vertical | 46.00          |
| 954.216000     | 17.56          | -0.8      | 18.36         | Vertical | 46.00          |

For 802.11ac(VHT40) Channel No.:38

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.085500      | 29.84          | -20.6     | 50.44         | Vertical | 40.00          |
| 81.264500      | 20.03          | -23.5     | 43.53         | Vertical | 40.00          |
| 116.475500     | 25.11          | -20.3     | 45.41         | Vertical | 43.50          |
| 238.889500     | 11.24          | -16.6     | 27.84         | Vertical | 46.00          |
| 554.867000     | 12.17          | -7.8      | 19.97         | Vertical | 46.00          |
| 942.721500     | 17.45          | -0.9      | 18.35         | Vertical | 46.00          |

For 802.11n(HT40) Channel No.:46

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.134000      | 29.70          | -20.5     | 50.2          | Vertical | 40.00          |
| 86.551000      | 20.05          | -21.7     | 41.75         | Vertical | 40.00          |
| 121.471000     | 24.88          | -20.7     | 45.58         | Vertical | 43.50          |
| 234.185000     | 11.36          | -17.0     | 28.36         | Vertical | 46.00          |
| 556.758500     | 12.19          | -7.8      | 19.99         | Vertical | 46.00          |
| 952.906500     | 17.50          | -0.8      | 18.3          | Vertical | 46.00          |

For 802.11ac(VHT40) Channel No.:46

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 30.04          | -20.1     | 50.14         | Vertical | 40.00          |
| 84.611000      | 19.11          | -22.4     | 41.51         | Vertical | 40.00          |
| 122.877500     | 24.57          | -20.8     | 45.37         | Vertical | 43.50          |
| 237.046500     | 11.62          | -16.8     | 28.42         | Vertical | 46.00          |
| 552.830000     | 12.26          | -7.9      | 20.16         | Vertical | 46.00          |
| 956.059000     | 17.57          | -0.8      | 18.37         | Vertical | 46.00          |

For 802.11ac(VHT80) Channel No.:42

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.085500      | 29.53          | -20.6     | 50.13         | Vertical | 40.00          |
| 86.308500      | 19.93          | -21.8     | 41.73         | Vertical | 40.00          |
| 120.986000     | 24.78          | -20.7     | 45.48         | Vertical | 43.50          |
| 232.778500     | 10.87          | -17.1     | 27.97         | Vertical | 46.00          |
| 547.931500     | 12.18          | -8.0      | 20.18         | Vertical | 46.00          |
| 959.987500     | 19.71          | -0.7      | 20.41         | Vertical | 46.00          |

For 802.11a Channel No.:149

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 30.04          | -20.1     | 50.14         | Vertical | 40.00          |
| 85.969000      | 19.64          | -21.9     | 41.54         | Vertical | 40.00          |
| 122.780500     | 24.37          | -20.8     | 45.17         | Vertical | 43.50          |
| 233.215000     | 11.18          | -17.0     | 28.18         | Vertical | 46.00          |
| 543.227000     | 12.17          | -8.1      | 20.27         | Vertical | 46.00          |
| 925.746500     | 17.40          | -1.1      | 18.5          | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:149

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 30.11          | -20.1     | 50.21         | Vertical | 40.00          |
| 85.435500      | 19.49          | -22.1     | 41.59         | Vertical | 40.00          |
| 123.314000     | 24.51          | -20.8     | 45.31         | Vertical | 43.50          |
| 236.998000     | 11.63          | -16.8     | 28.43         | Vertical | 46.00          |
| 542.111500     | 12.06          | -8.1      | 20.16         | Vertical | 46.00          |
| 894.221500     | 17.10          | -1.6      | 18.7          | Vertical | 46.00          |

For 802.11ac(VHT20) Channel No.:149

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 34.462000      | 29.37          | -19.9     | 49.27         | Vertical | 40.00          |
| 84.611000      | 18.98          | -22.4     | 41.38         | Vertical | 40.00          |
| 116.863500     | 25.01          | -20.3     | 45.31         | Vertical | 43.50          |
| 233.069500     | 10.98          | -17.0     | 27.98         | Vertical | 46.00          |
| 504.330000     | 11.49          | -9.2      | 20.69         | Vertical | 46.00          |
| 916.531500     | 17.31          | -1.2      | 18.51         | Vertical | 46.00          |

For 802.11a Channel No.:157

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 30.07          | -20.1     | 50.17         | Vertical | 40.00          |
| 76.754000      | 18.63          | -23.2     | 41.83         | Vertical | 40.00          |
| 116.718000     | 25.01          | -20.3     | 45.31         | Vertical | 43.50          |
| 232.972500     | 10.92          | -17.0     | 27.92         | Vertical | 46.00          |
| 505.203000     | 11.55          | -9.2      | 20.75         | Vertical | 46.00          |
| 953.100500     | 17.59          | -0.8      | 18.39         | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:157

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.589000      | 29.96          | -20.1     | 50.06         | Vertical | 40.00          |
| 76.560000      | 18.66          | -23.2     | 41.86         | Vertical | 40.00          |
| 123.023000     | 24.48          | -20.8     | 45.28         | Vertical | 43.50          |
| 235.203500     | 11.52          | -16.9     | 28.42         | Vertical | 46.00          |
| 533.333000     | 12.07          | -8.4      | 20.47         | Vertical | 46.00          |
| 926.571000     | 17.36          | -1.1      | 18.46         | Vertical | 46.00          |

For 802.11ac(VHT20) Channel No.:157

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.346500      | 29.27          | -20.2     | 49.47         | Vertical | 40.00          |
| 84.902000      | 19.26          | -22.3     | 41.56         | Vertical | 40.00          |
| 123.556500     | 24.59          | -20.8     | 45.39         | Vertical | 43.50          |
| 234.621500     | 11.39          | -16.9     | 28.29         | Vertical | 46.00          |
| 518.540500     | 11.82          | -8.8      | 20.62         | Vertical | 46.00          |
| 924.534000     | 17.31          | -1.1      | 18.41         | Vertical | 46.00          |

For 802.11a Channel No.:165

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.152500      | 29.10          | -20.2     | 49.3          | Vertical | 40.00          |
| 85.241500      | 19.48          | -22.2     | 41.68         | Vertical | 40.00          |
| 120.016000     | 24.55          | -20.7     | 45.25         | Vertical | 43.50          |
| 234.136500     | 11.31          | -17.0     | 28.31         | Vertical | 46.00          |
| 542.305500     | 12.11          | -8.1      | 20.21         | Vertical | 46.00          |
| 893.979000     | 17.10          | -1.6      | 18.7          | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:165

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.492000      | 29.50          | -20.1     | 49.6          | Vertical | 40.00          |
| 86.017500      | 19.51          | -21.9     | 41.41         | Vertical | 40.00          |
| 123.556500     | 24.40          | -20.8     | 45.2          | Vertical | 43.50          |
| 237.871000     | 11.62          | -16.7     | 28.32         | Vertical | 46.00          |
| 537.892000     | 12.21          | -8.2      | 20.41         | Vertical | 46.00          |
| 938.356500     | 17.42          | -1.0      | 18.42         | Vertical | 46.00          |

For 802.11ac(VHT20) Channel No.:165

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 30.03          | -20.1     | 50.13         | Vertical | 40.00          |
| 85.532500      | 19.56          | -22.1     | 41.66         | Vertical | 40.00          |
| 116.184500     | 24.61          | -20.3     | 44.91         | Vertical | 43.50          |
| 235.494500     | 11.51          | -16.9     | 28.41         | Vertical | 46.00          |
| 526.106500     | 11.97          | -8.6      | 20.57         | Vertical | 46.00          |
| 917.307500     | 17.26          | -1.2      | 18.46         | Vertical | 46.00          |

For 802.11n(HT40) Channel No.:151

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.182500      | 29.69          | -20.5     | 50.19         | Vertical | 40.00          |
| 77.433000      | 18.92          | -23.4     | 42.32         | Vertical | 40.00          |
| 121.180000     | 24.60          | -20.7     | 45.3          | Vertical | 43.50          |
| 235.106500     | 11.52          | -16.9     | 28.42         | Vertical | 46.00          |
| 534.109000     | 11.96          | -8.4      | 20.36         | Vertical | 46.00          |
| 918.132000     | 17.29          | -1.2      | 18.49         | Vertical | 46.00          |

For 802.11ac(VHT40) Channel No.:151

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 31.891500      | 28.68          | -20.6     | 49.28         | Vertical | 40.00          |
| 84.902000      | 19.15          | -22.3     | 41.45         | Vertical | 40.00          |
| 120.452500     | 24.89          | -20.7     | 45.59         | Vertical | 43.50          |
| 234.039500     | 11.39          | -17.0     | 28.39         | Vertical | 46.00          |
| 529.744000     | 11.79          | -8.5      | 20.29         | Vertical | 46.00          |
| 920.557000     | 17.31          | -1.2      | 18.51         | Vertical | 46.00          |

For 802.11n(HT40) Channel No.:159

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 33.540500      | 29.96          | -20.1     | 50.06         | Vertical | 40.00          |
| 86.551000      | 20.05          | -21.7     | 41.75         | Vertical | 40.00          |
| 123.750500     | 24.43          | -20.9     | 45.33         | Vertical | 43.50          |
| 233.894000     | 11.26          | -17.0     | 28.26         | Vertical | 46.00          |
| 555.691500     | 12.13          | -7.8      | 19.93         | Vertical | 46.00          |
| 941.266500     | 17.48          | -1.0      | 18.48         | Vertical | 46.00          |

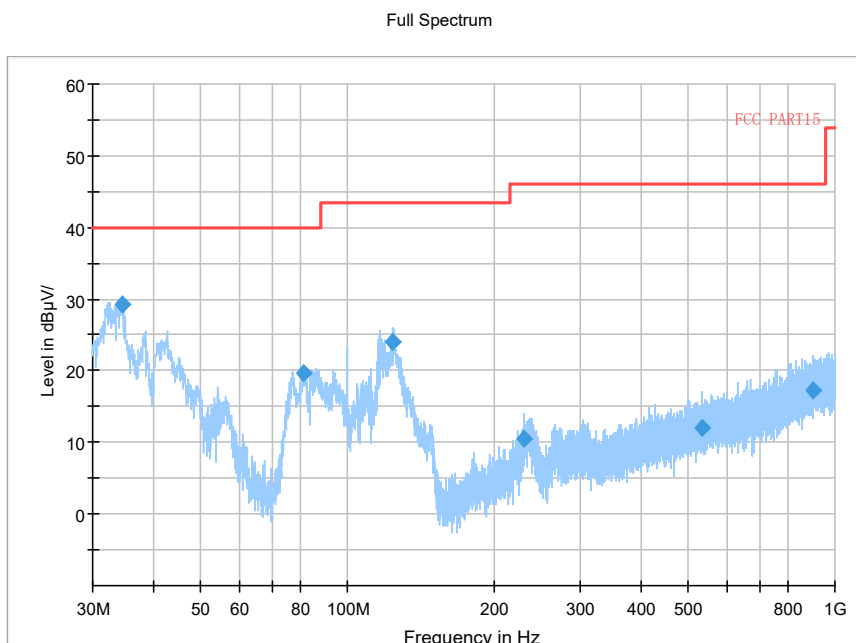
For 802.11ac(VHT40) Channel No.:159

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 32.279500      | 29.68          | -20.5     | 50.18         | Vertical | 40.00          |
| 76.705500      | 19.08          | -23.2     | 42.28         | Vertical | 40.00          |
| 122.732000     | 24.54          | -20.8     | 45.34         | Vertical | 43.50          |
| 271.093500     | 8.38           | -15.9     | 24.28         | Vertical | 46.00          |
| 525.379000     | 11.89          | -8.7      | 20.59         | Vertical | 46.00          |
| 917.113500     | 17.26          | -1.2      | 18.46         | Vertical | 46.00          |

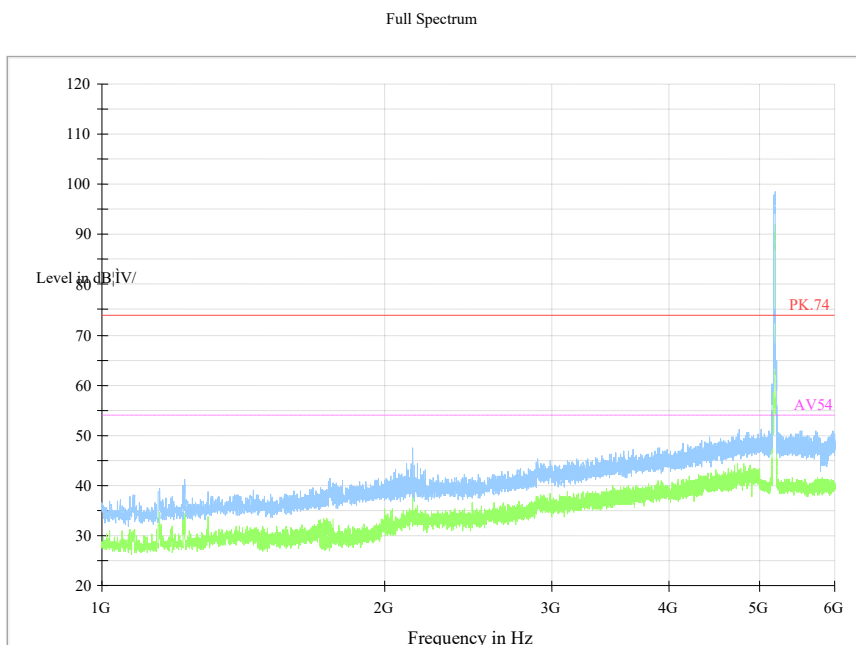
For 802.11ac(VHT80) Channel No.:155

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB) | Pmea (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------|---------------|----------|----------------|
| 34.462000      | 29.19          | -19.9     | 49.09         | Vertical | 40.00          |
| 84.659500      | 18.71          | -22.4     | 41.11         | Vertical | 40.00          |
| 123.847500     | 24.39          | -20.9     | 45.29         | Vertical | 43.50          |
| 267.019500     | 9.23           | -16.0     | 25.23         | Vertical | 46.00          |
| 549.435000     | 12.08          | -8.0      | 20.08         | Vertical | 46.00          |
| 947.377500     | 17.45          | -0.9      | 18.35         | Vertical | 46.00          |

Carrier frequency (MHz): 5180  
Channel No.:36

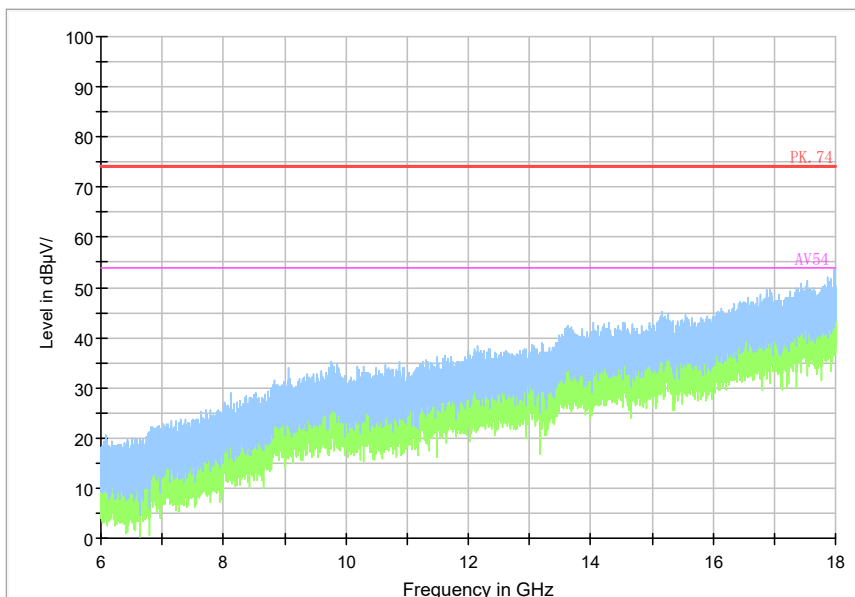


Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a



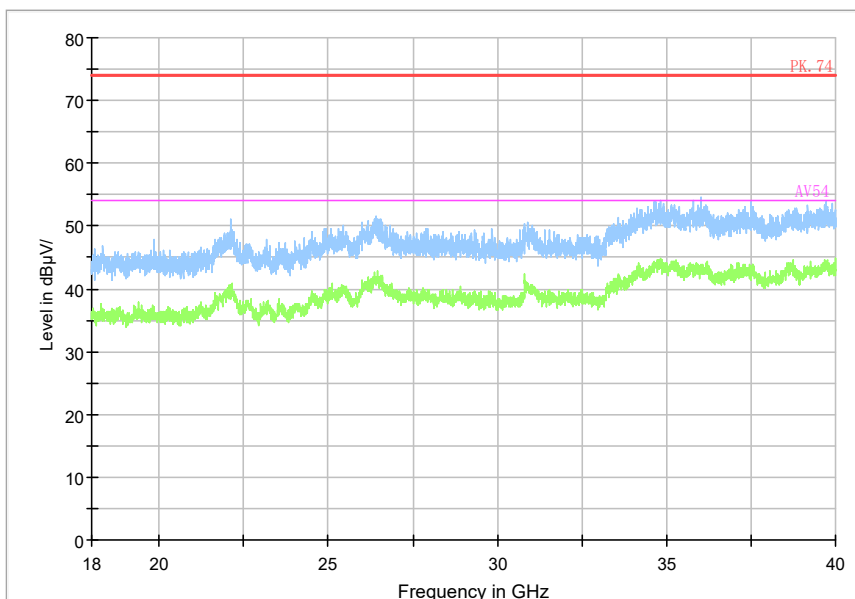
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



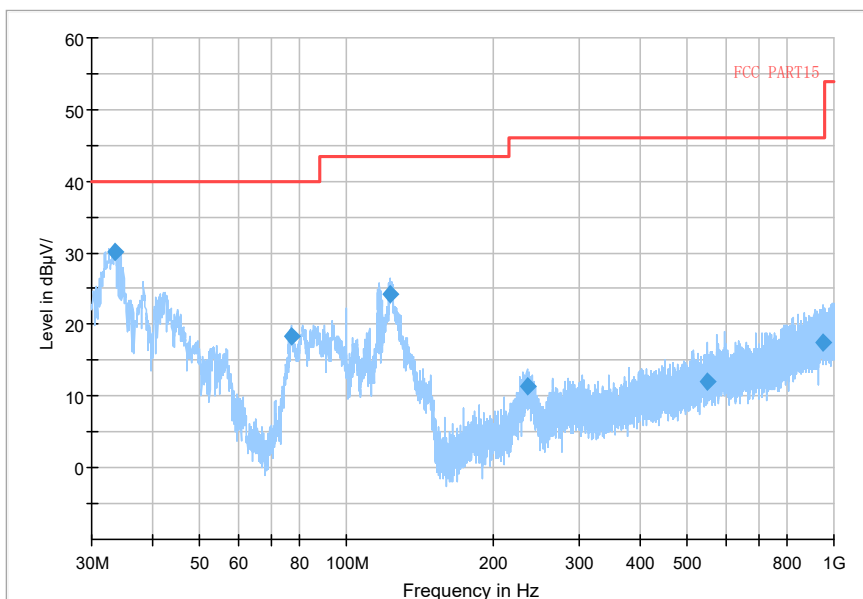
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



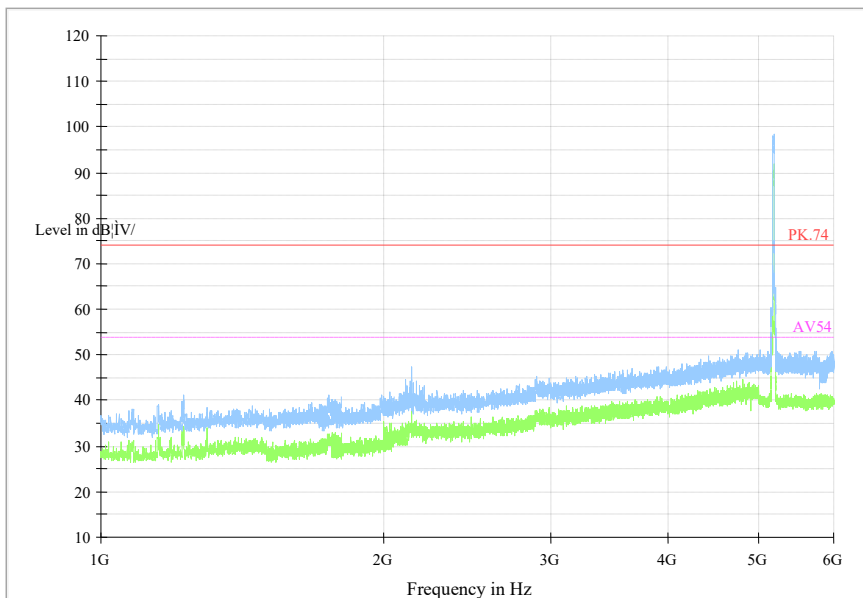
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



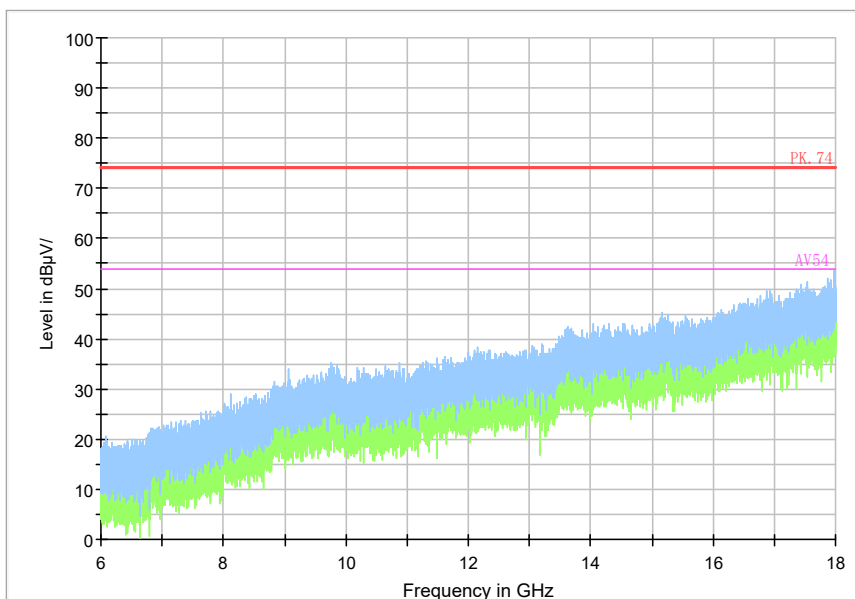
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



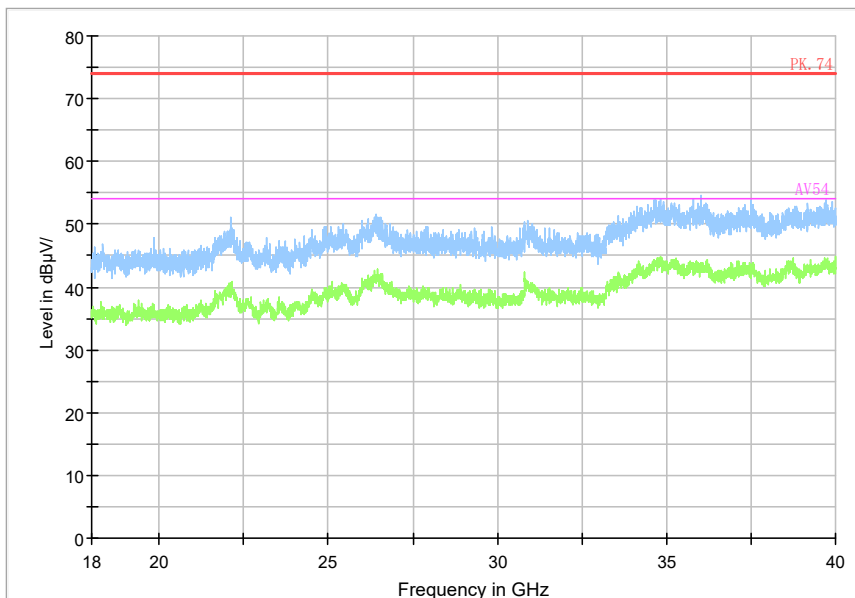
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



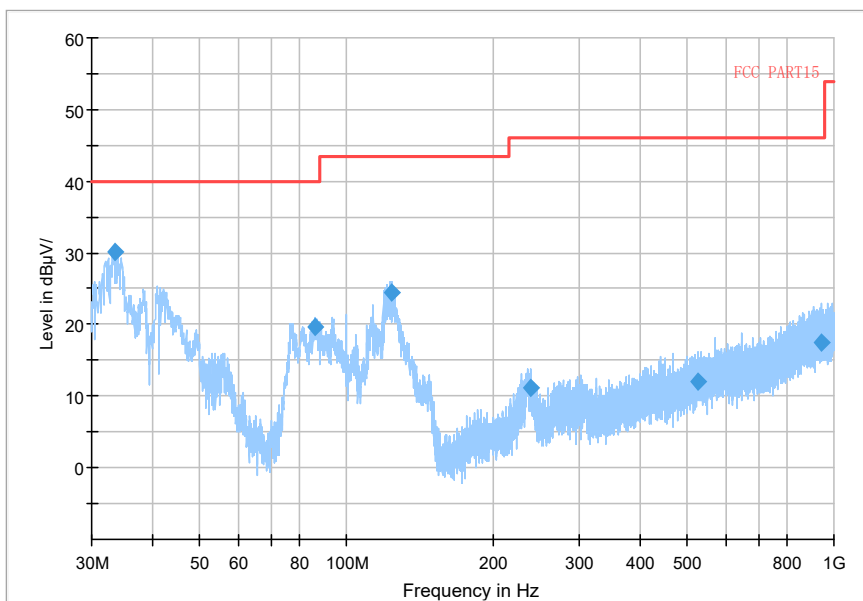
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



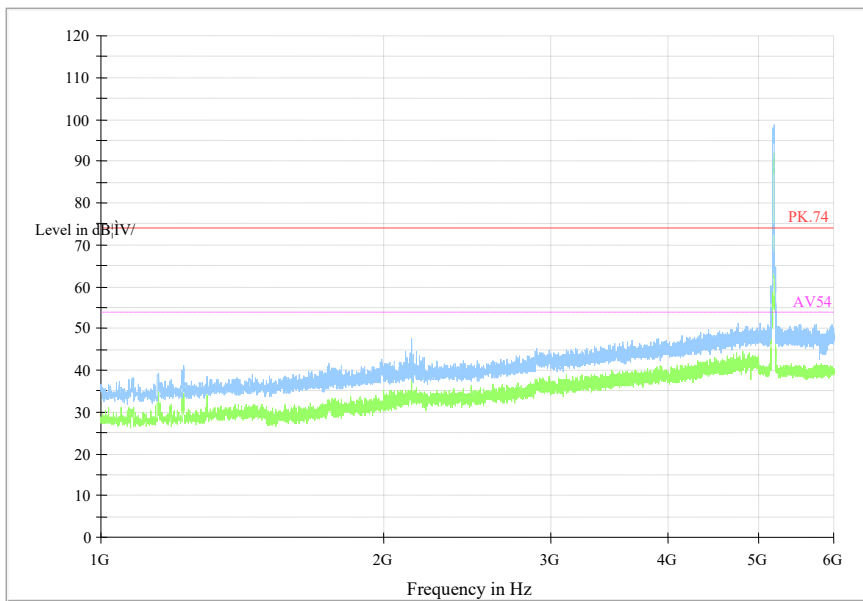
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



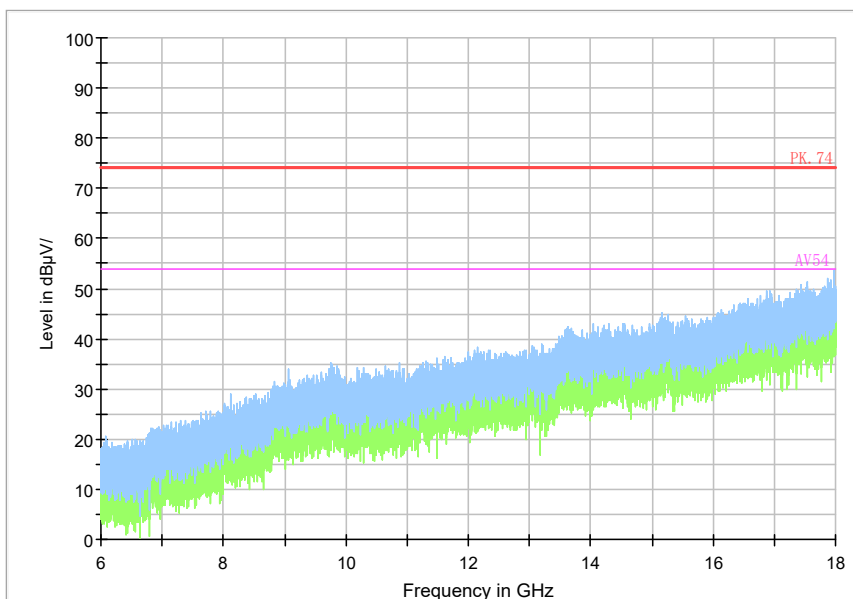
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



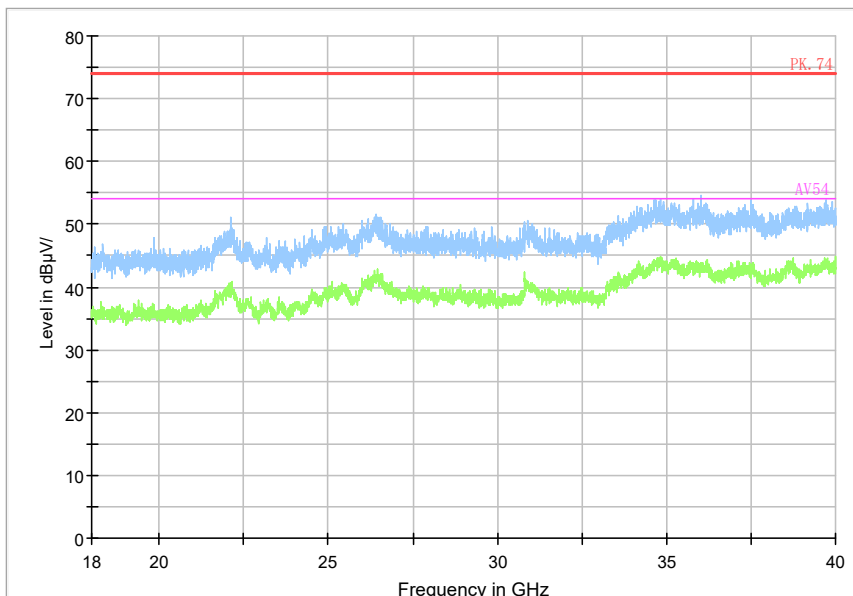
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

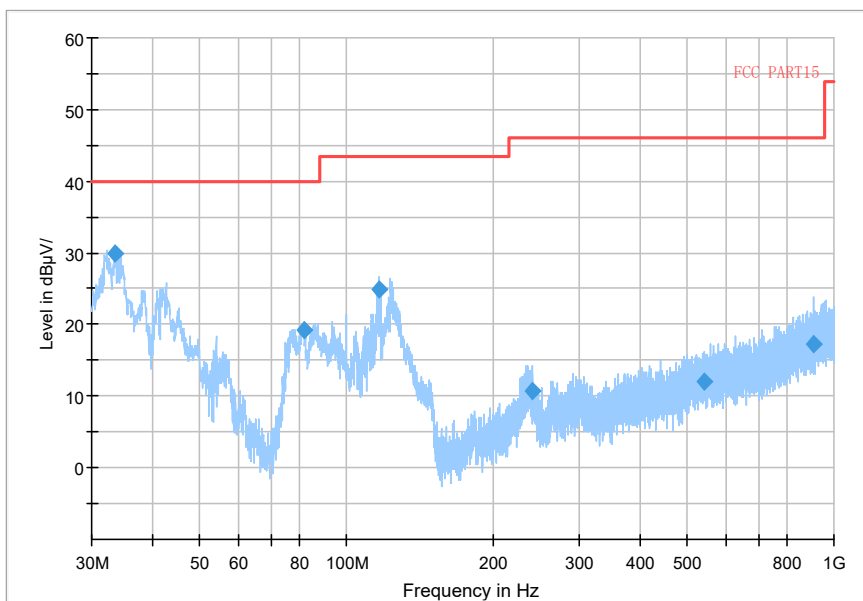
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

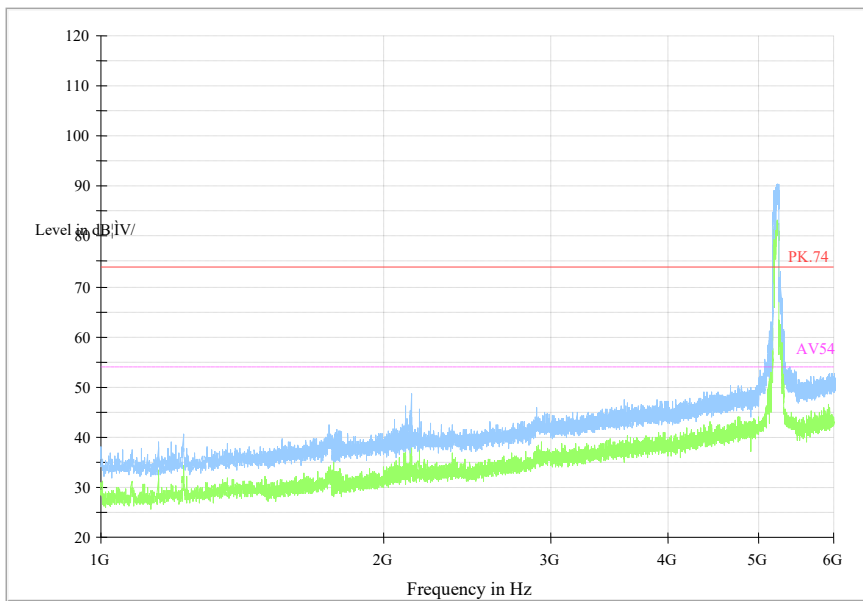
Carrier frequency (MHz): 5200  
Channel No.:40

Full Spectrum



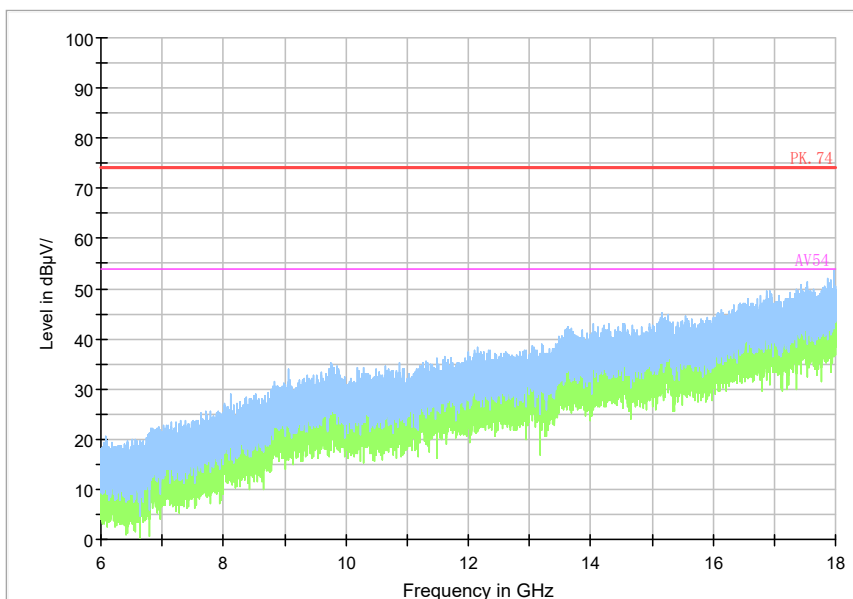
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



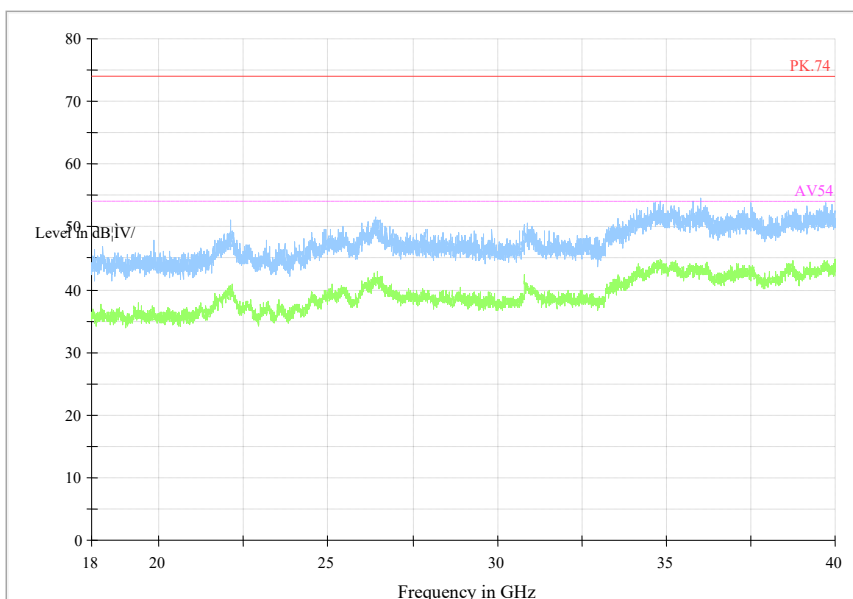
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



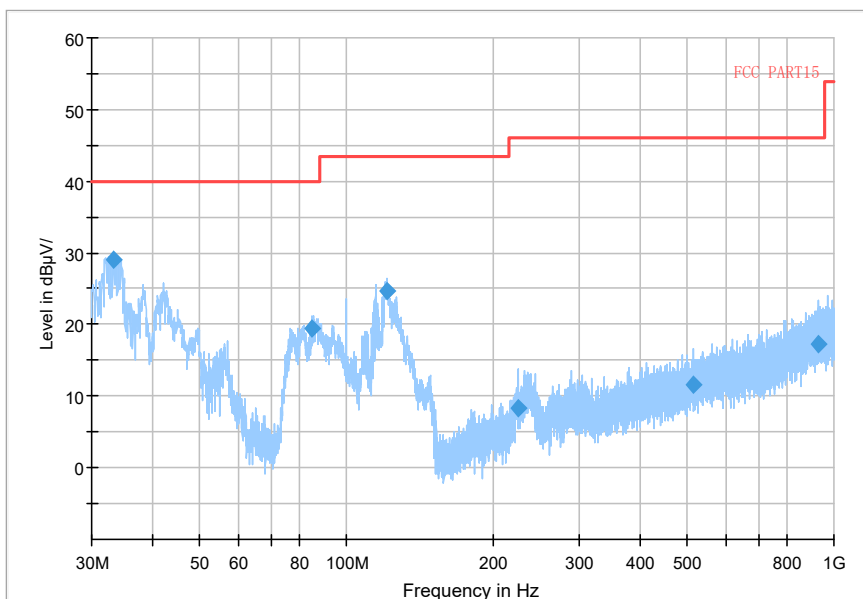
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



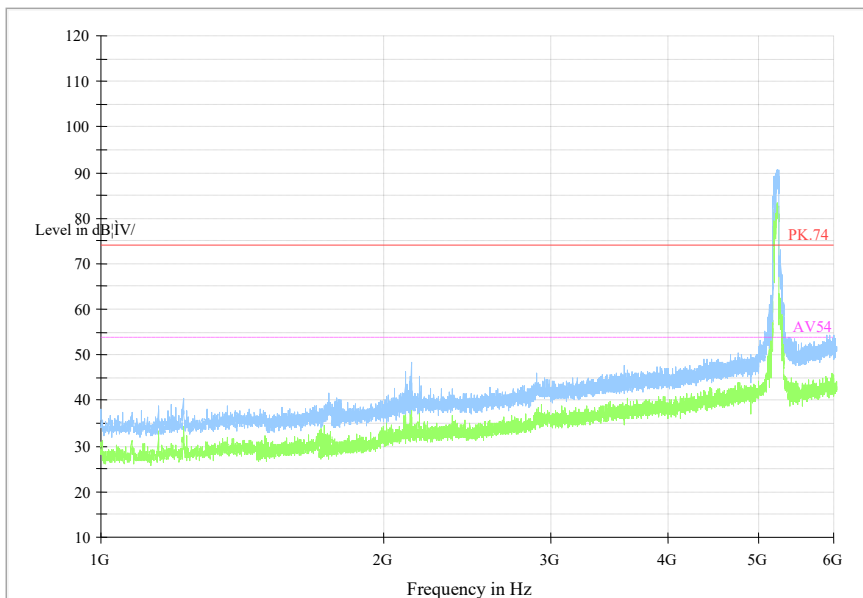
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



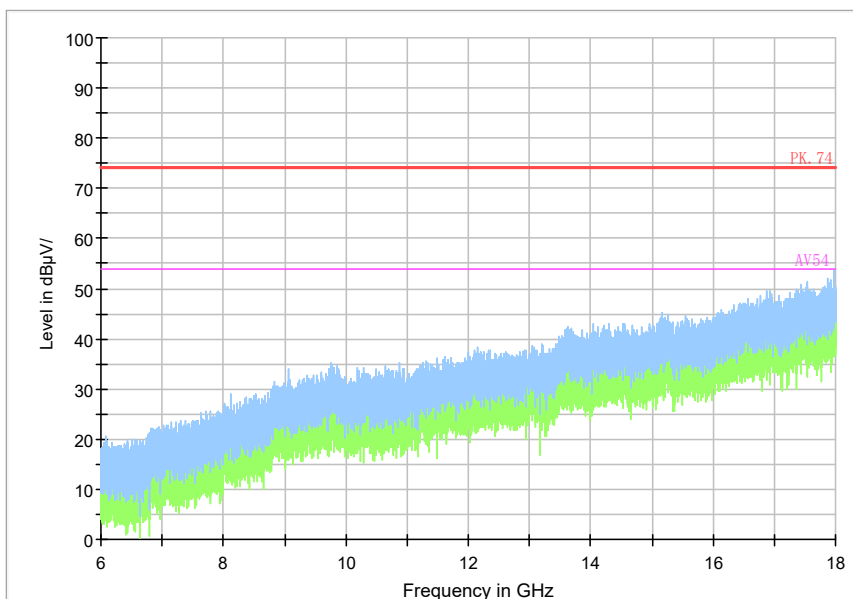
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



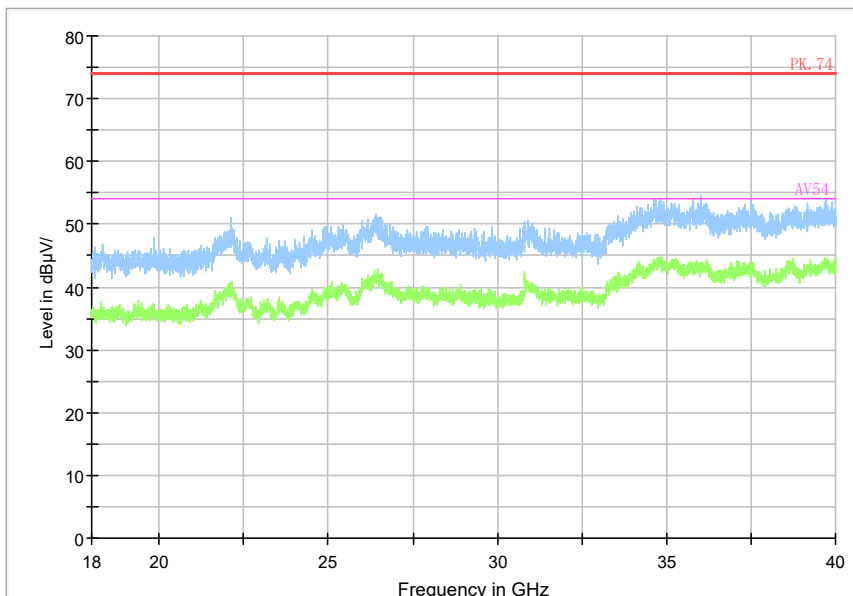
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



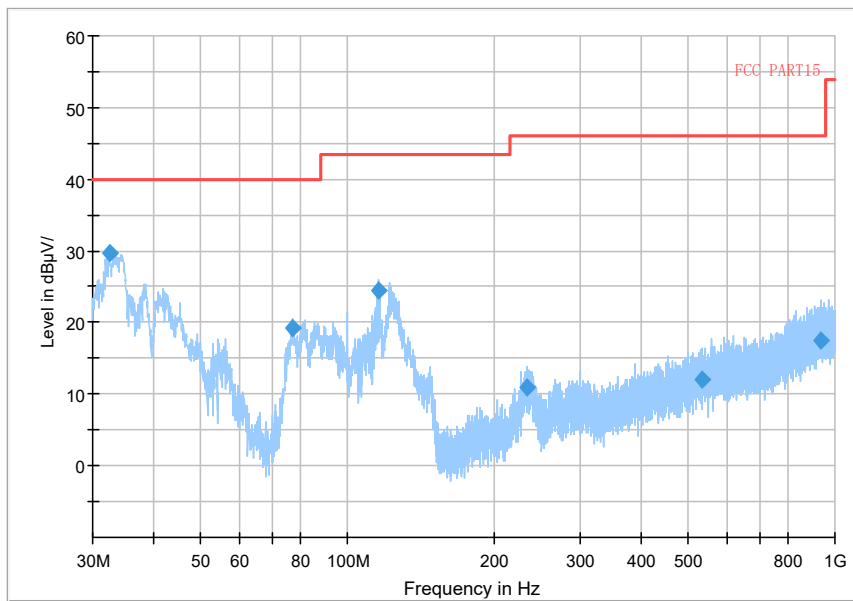
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



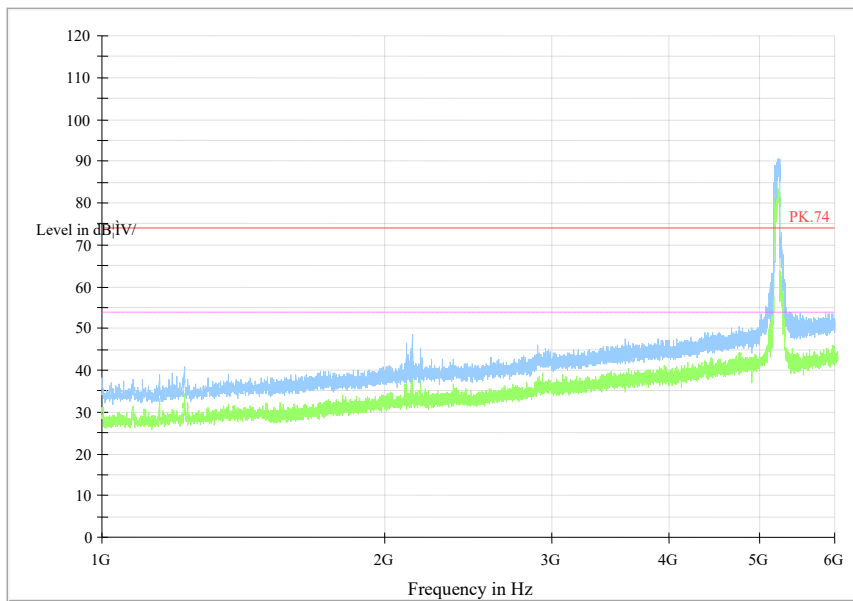
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



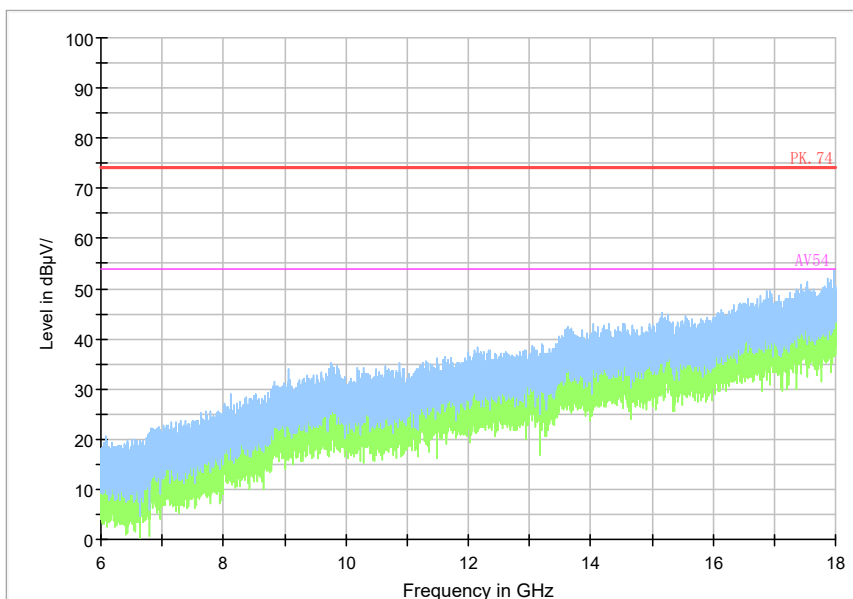
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



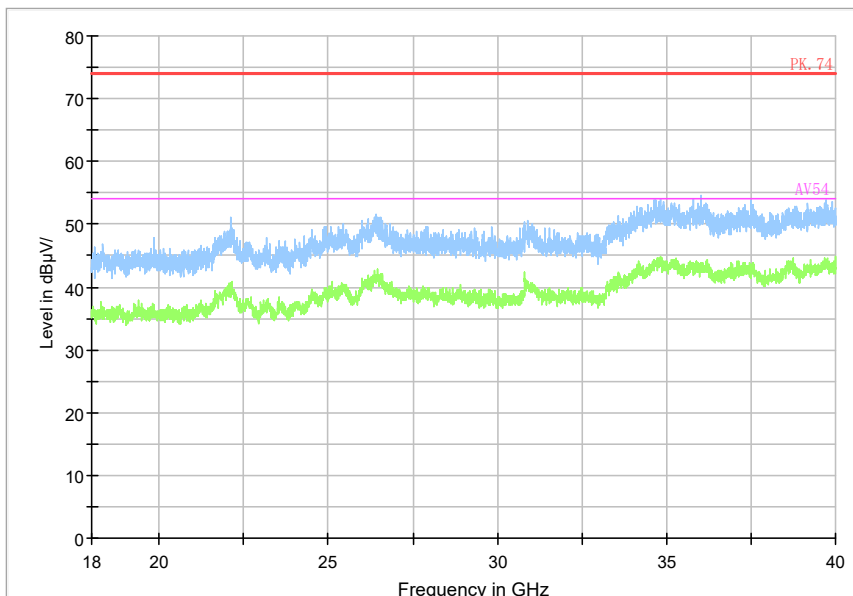
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

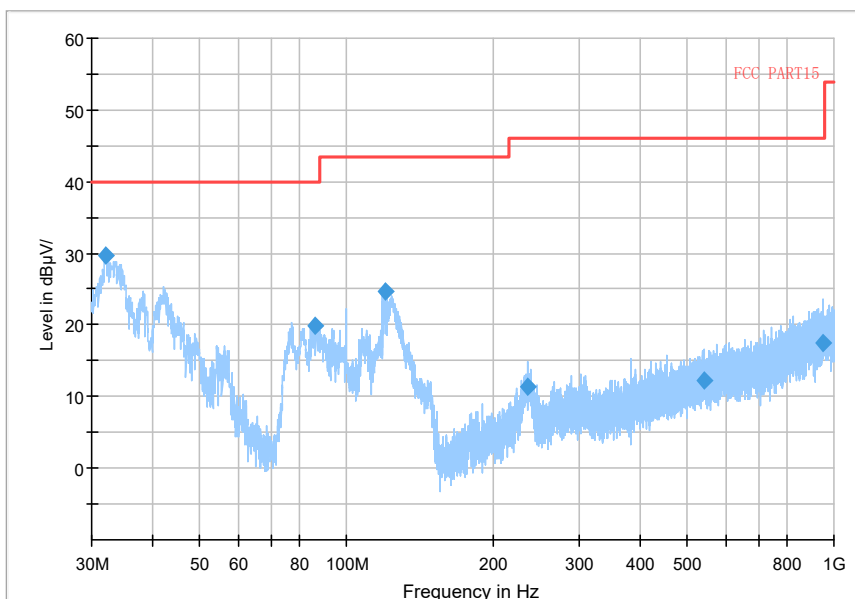
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

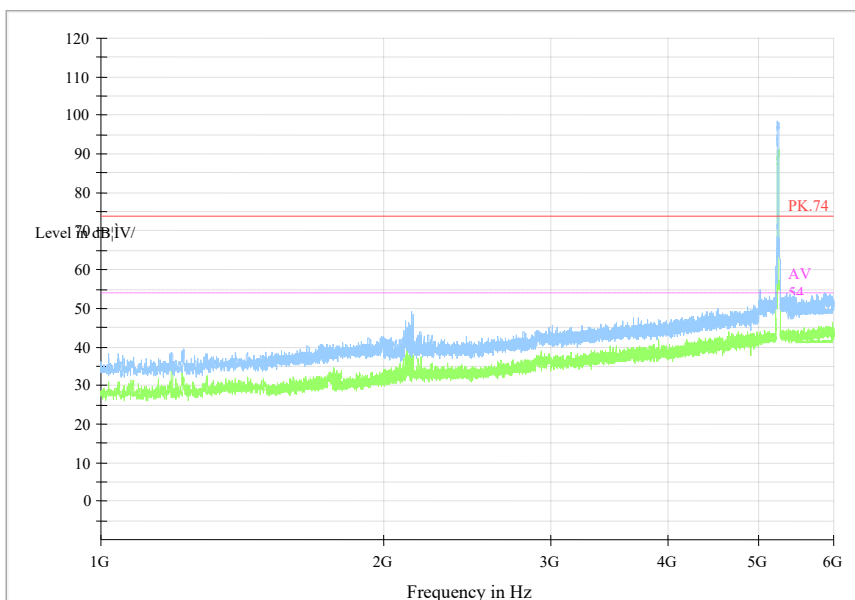
Carrier frequency (MHz): 5240  
Channel No.:48

Full Spectrum



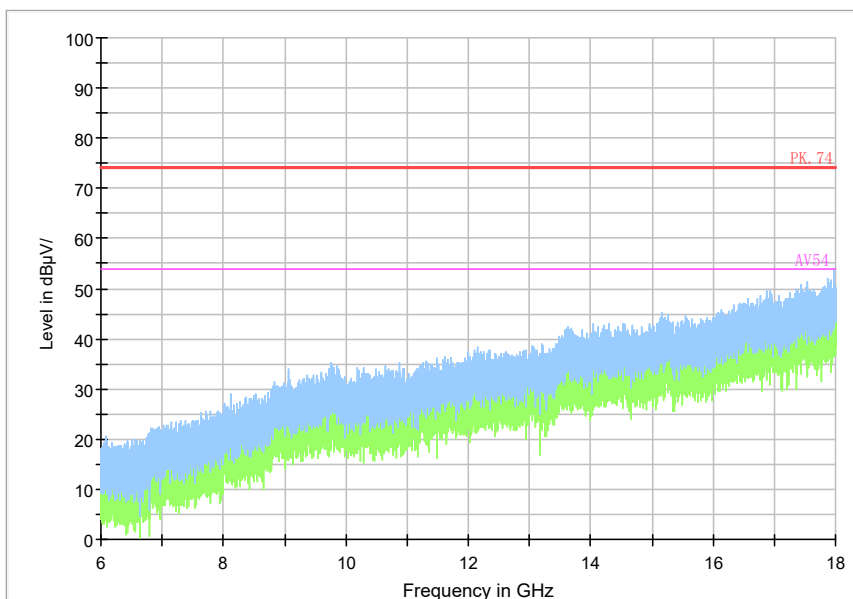
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



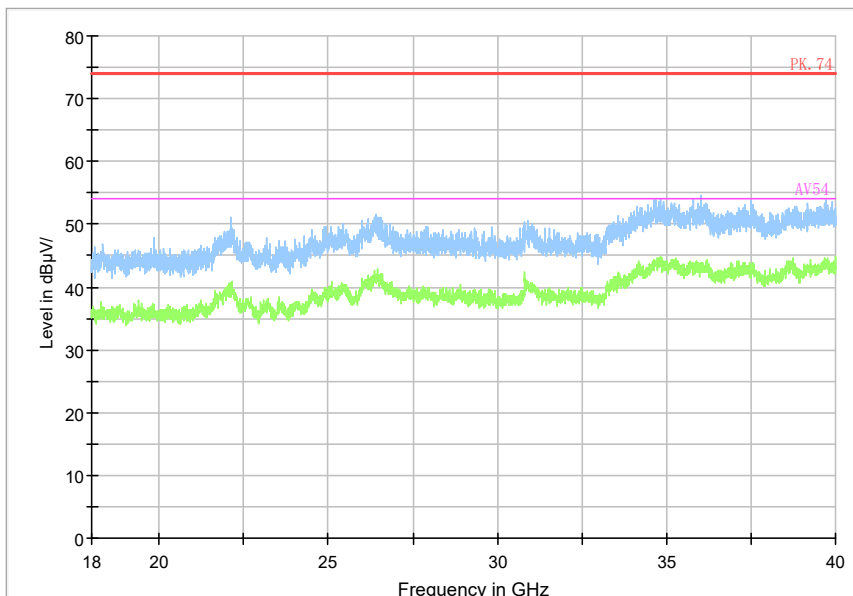
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



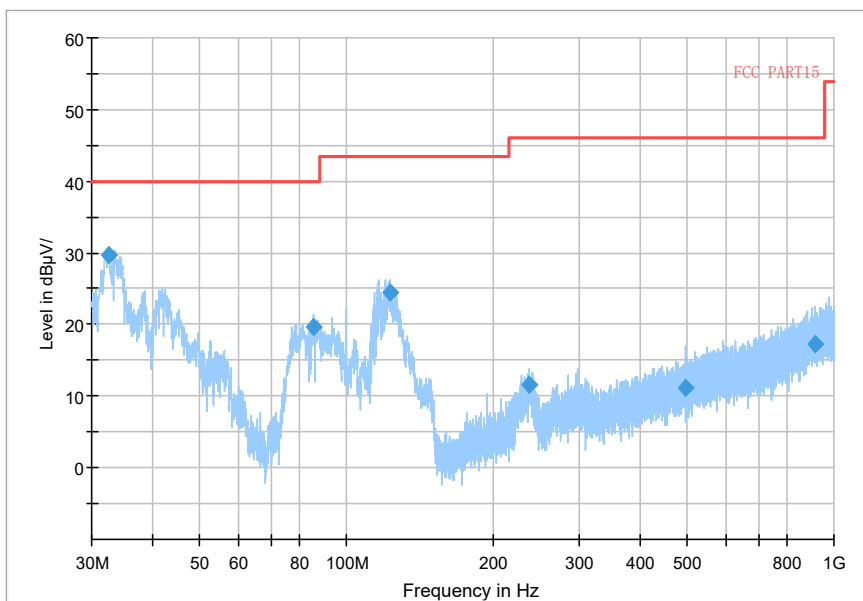
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



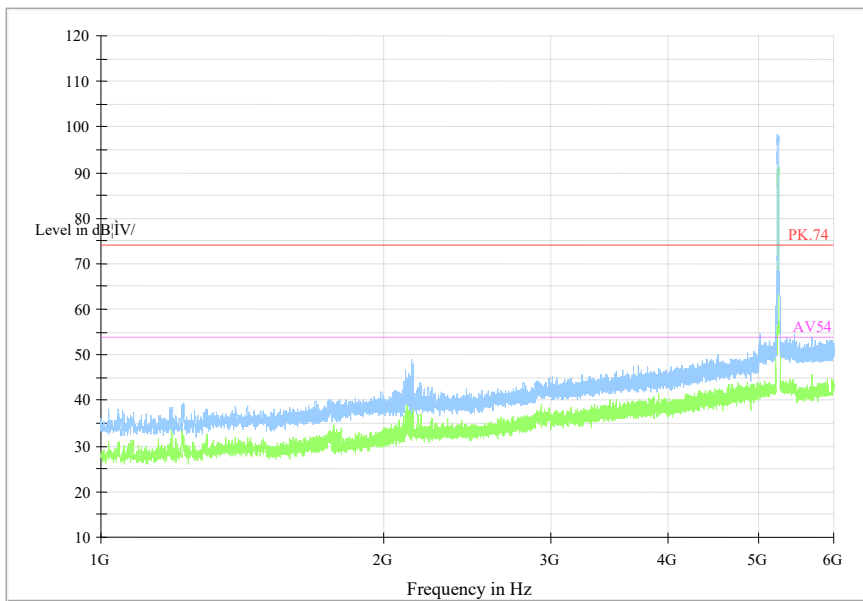
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



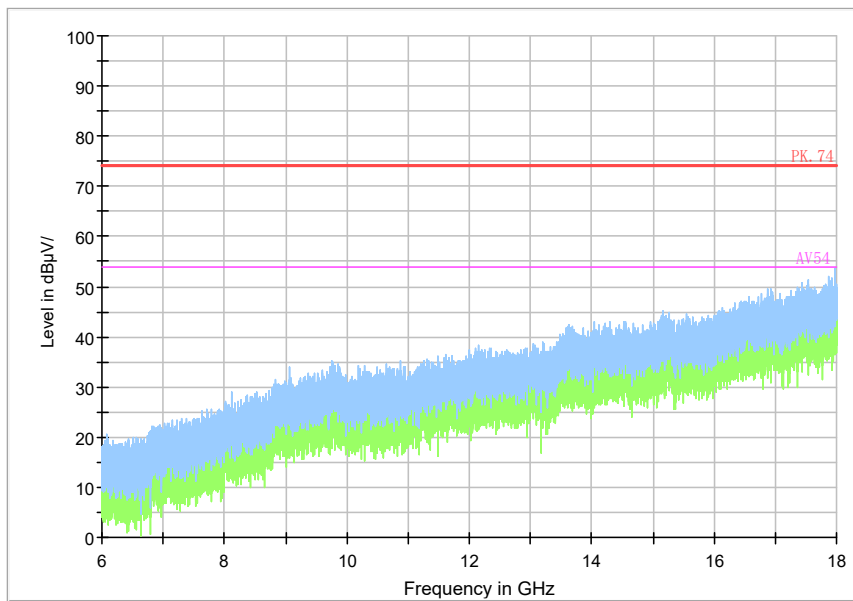
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



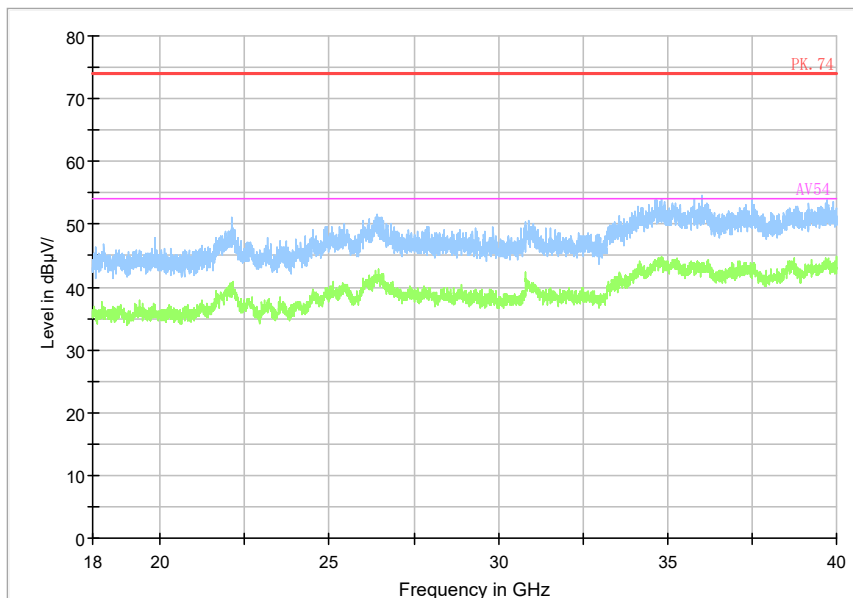
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



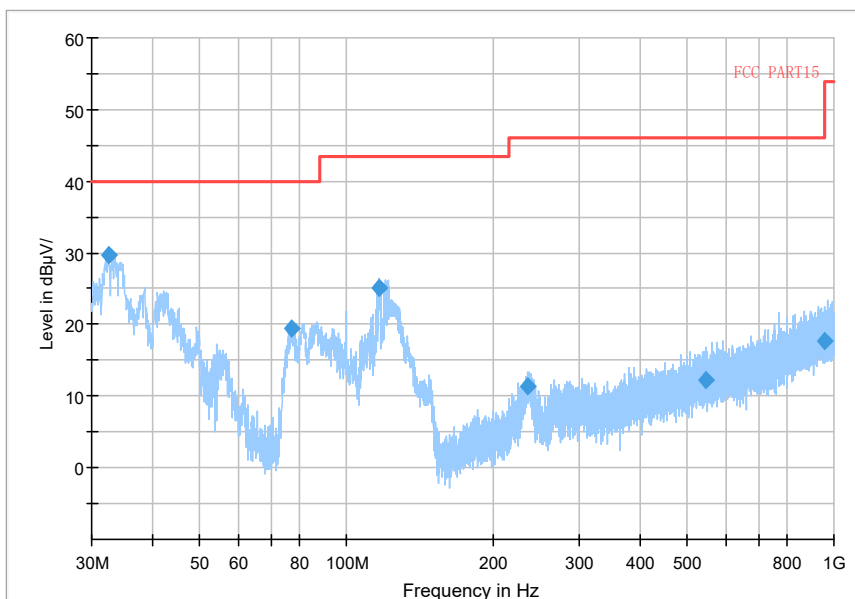
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



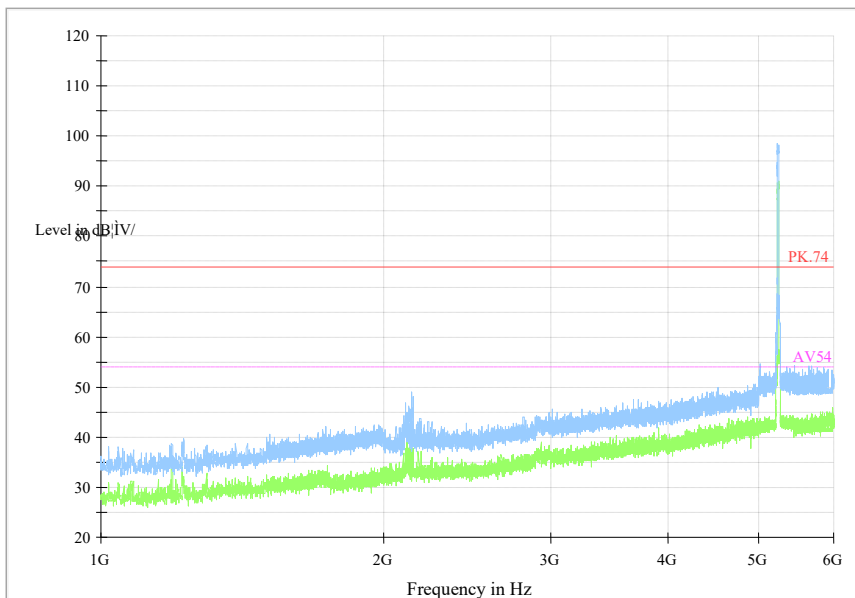
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



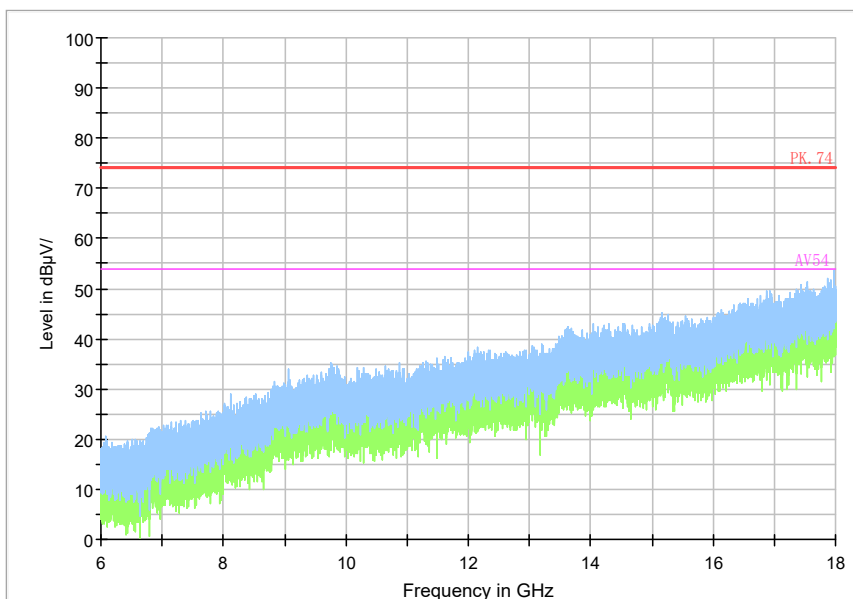
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



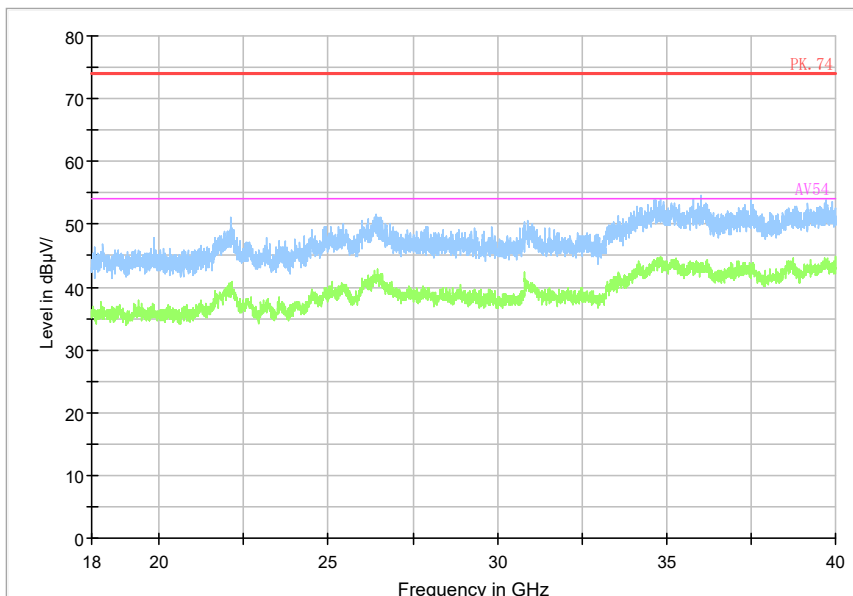
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

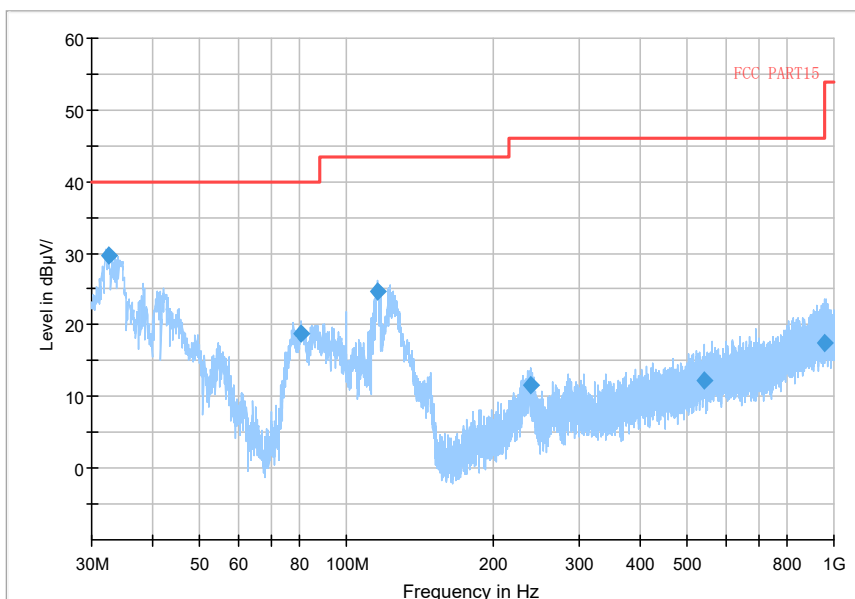
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

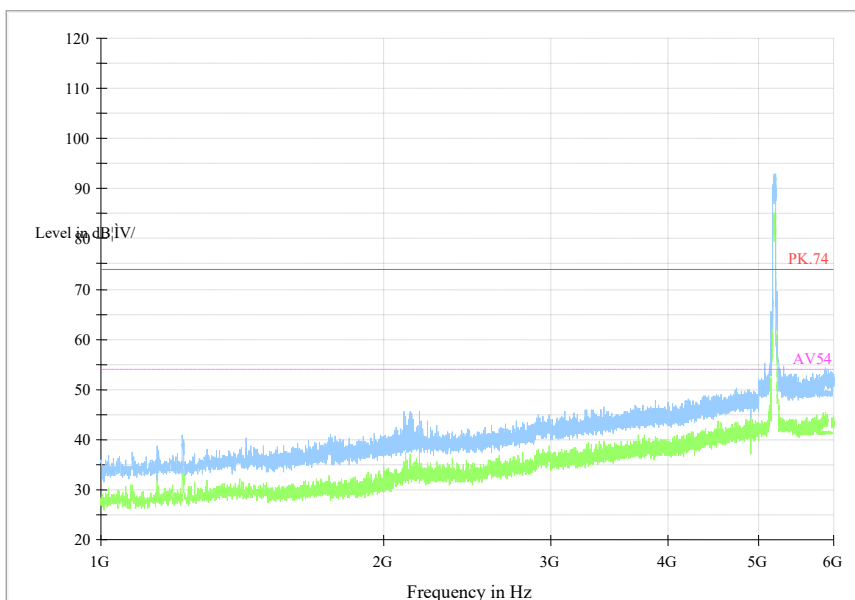
Carrier frequency (MHz): 5190  
Channel No.:38

Full Spectrum



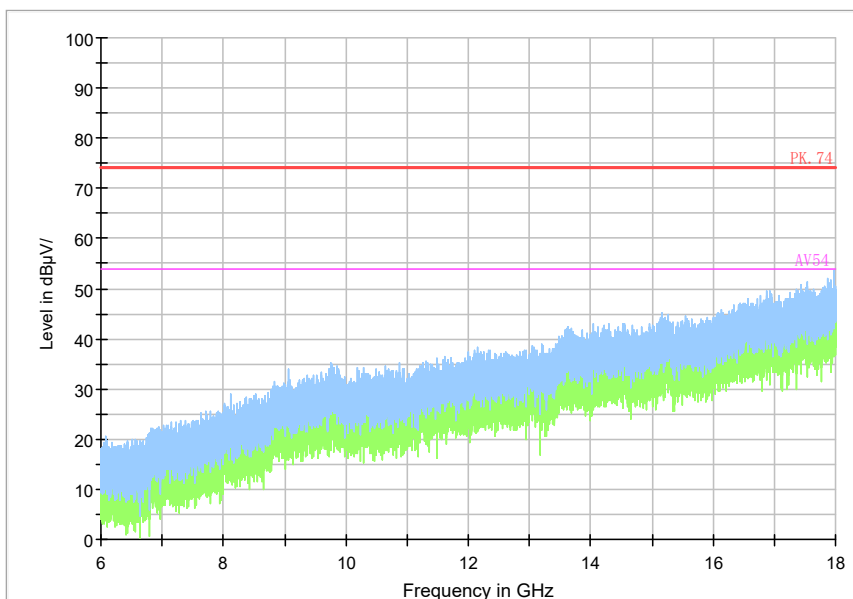
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



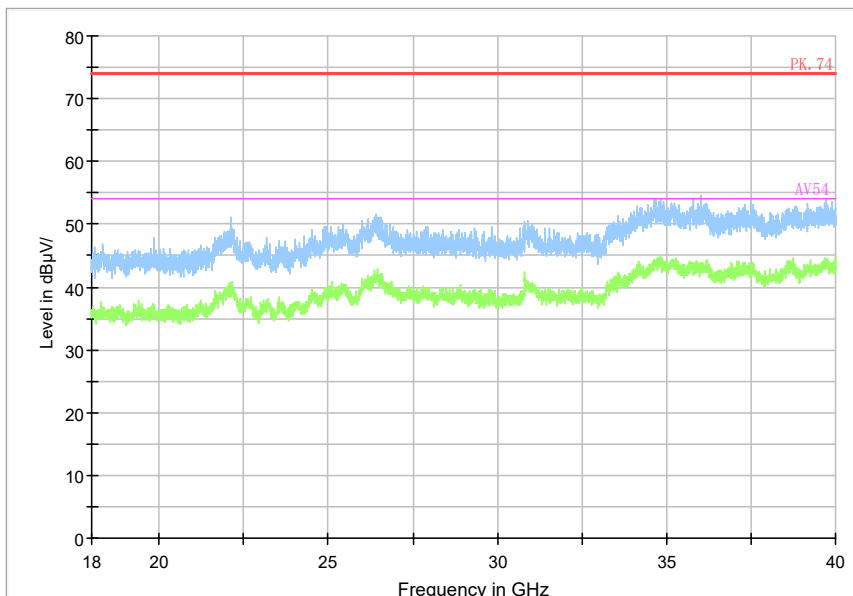
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



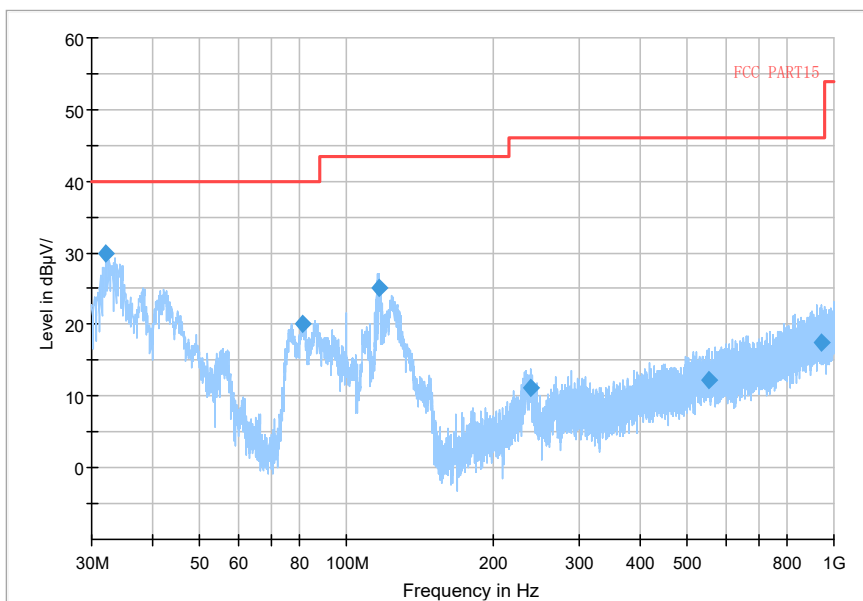
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



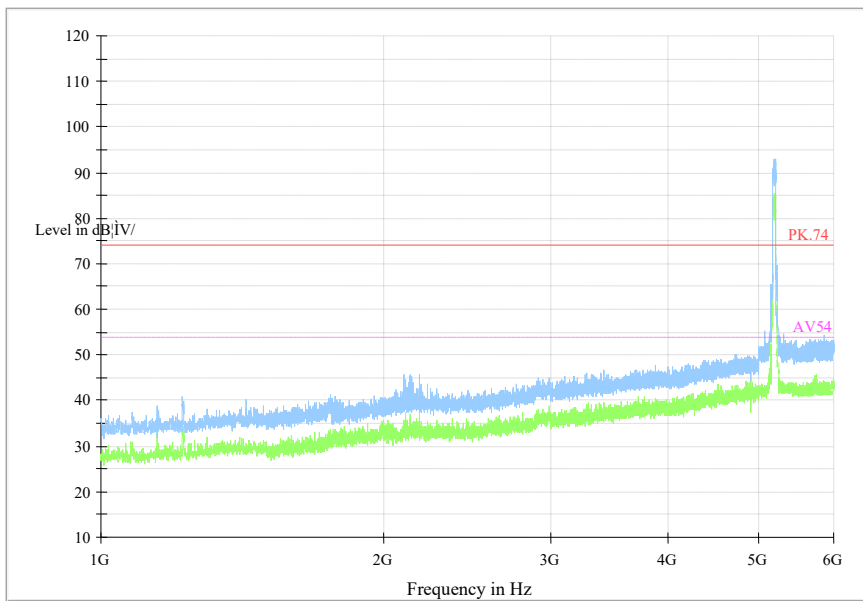
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



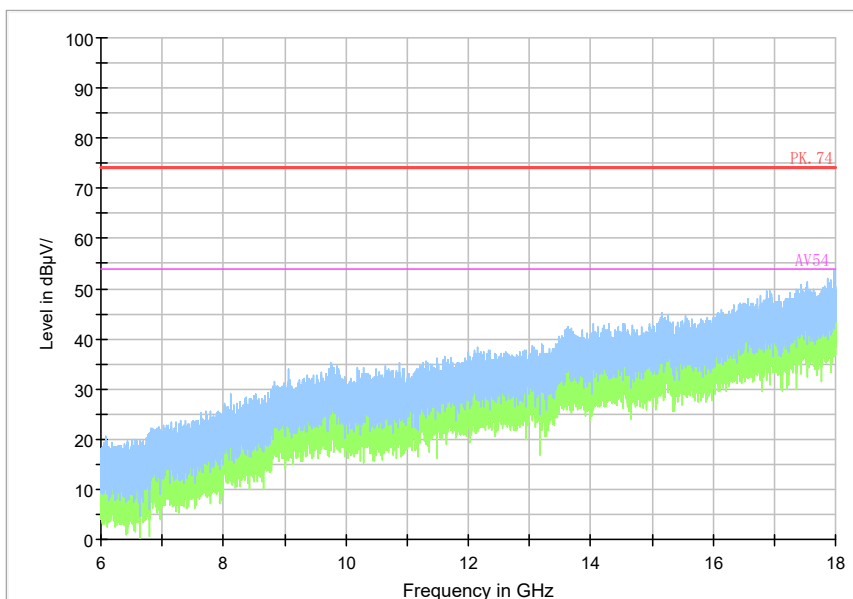
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



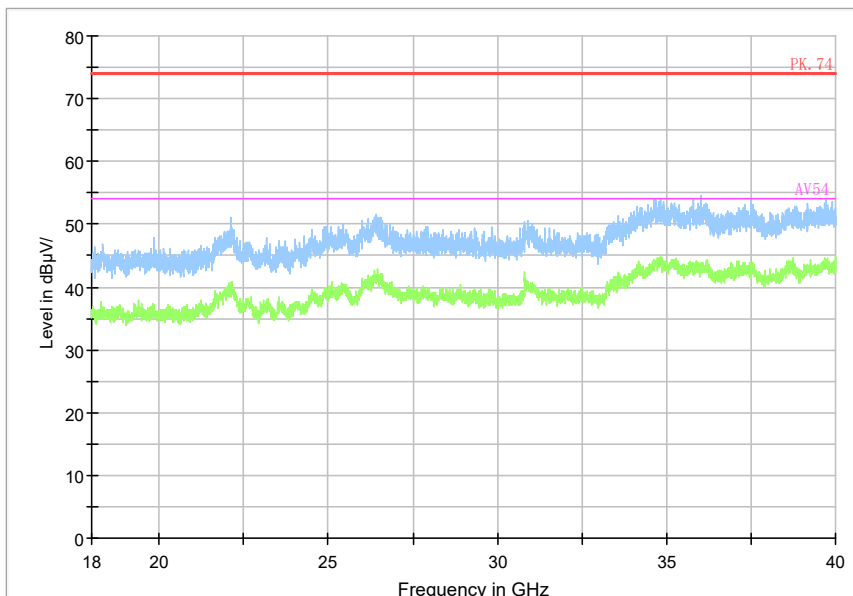
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

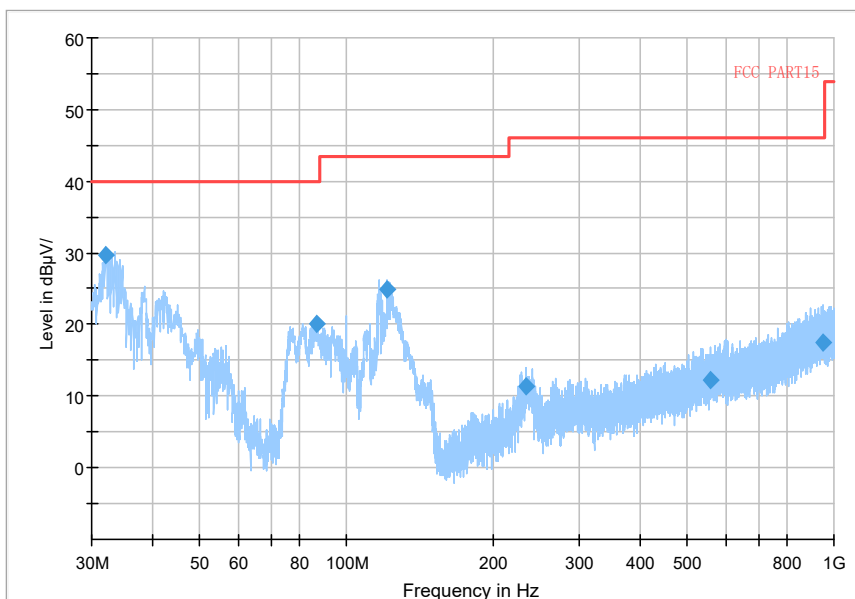
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

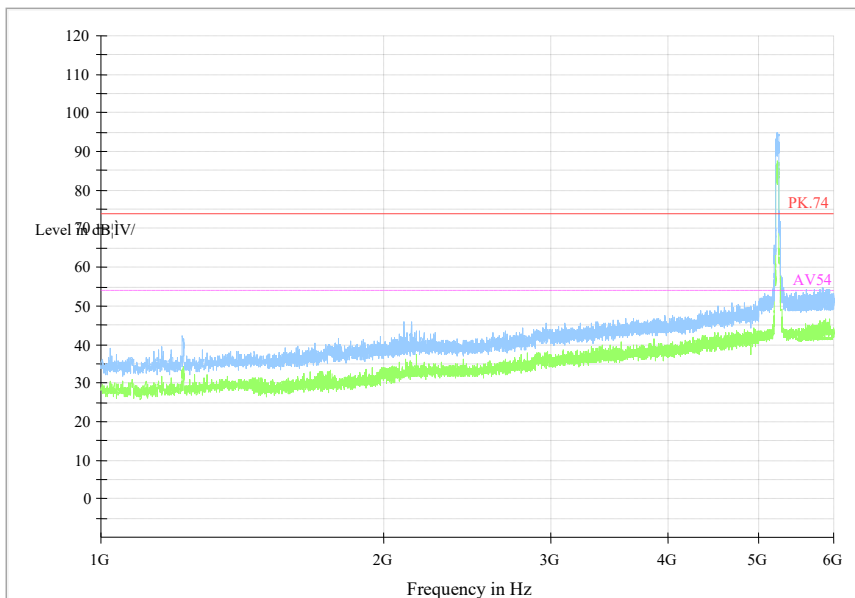
Carrier frequency (MHz): 5230  
Channel No.:46

Full Spectrum



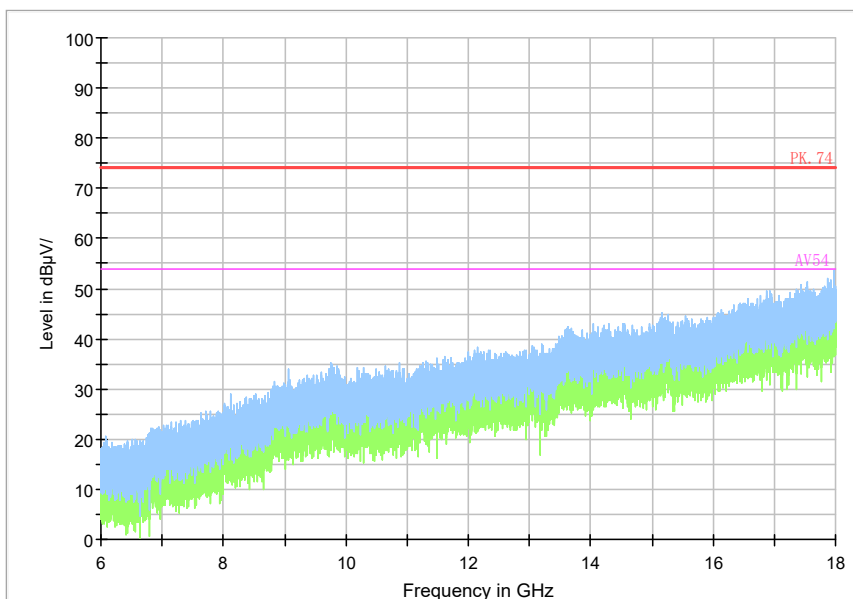
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



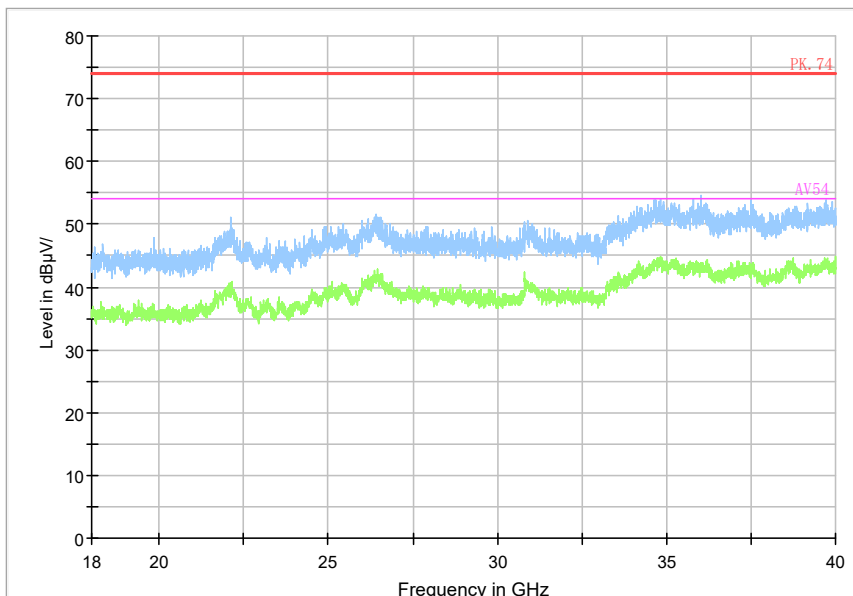
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



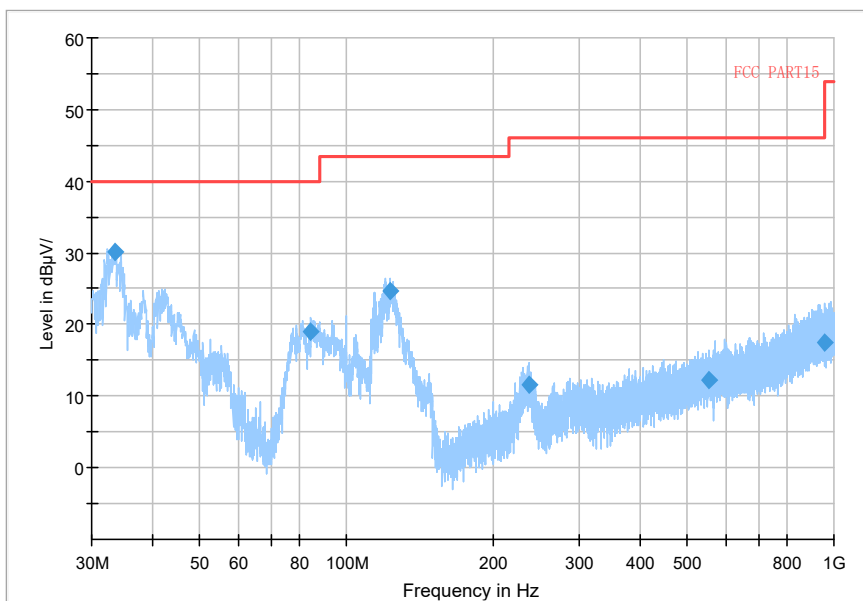
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



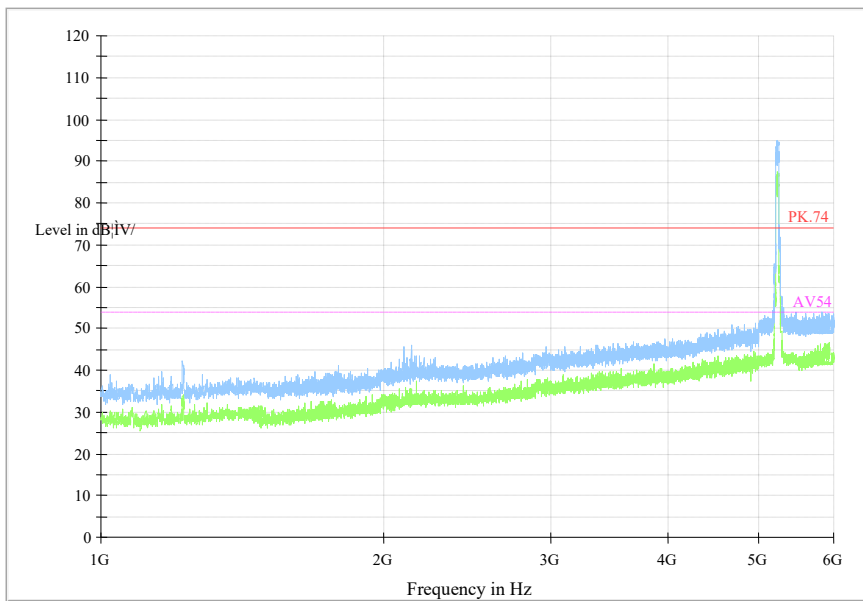
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



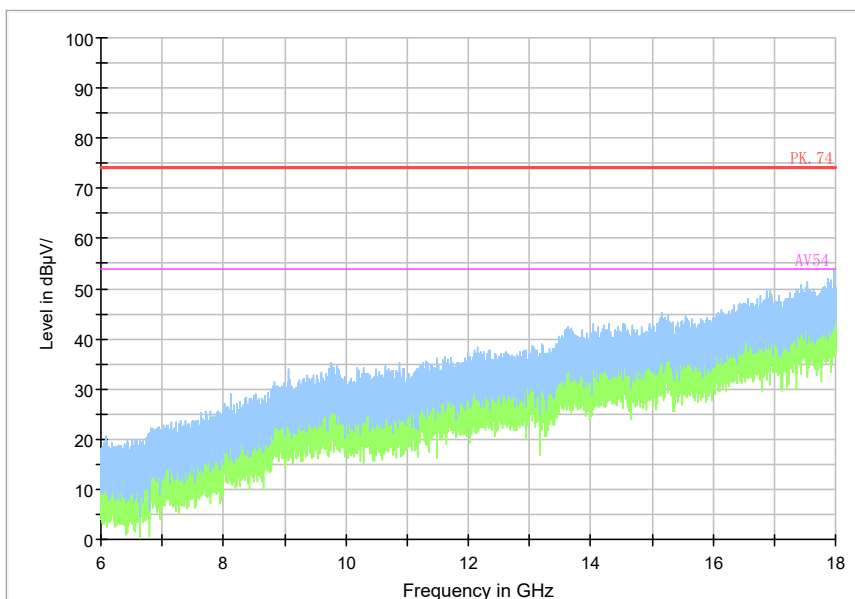
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



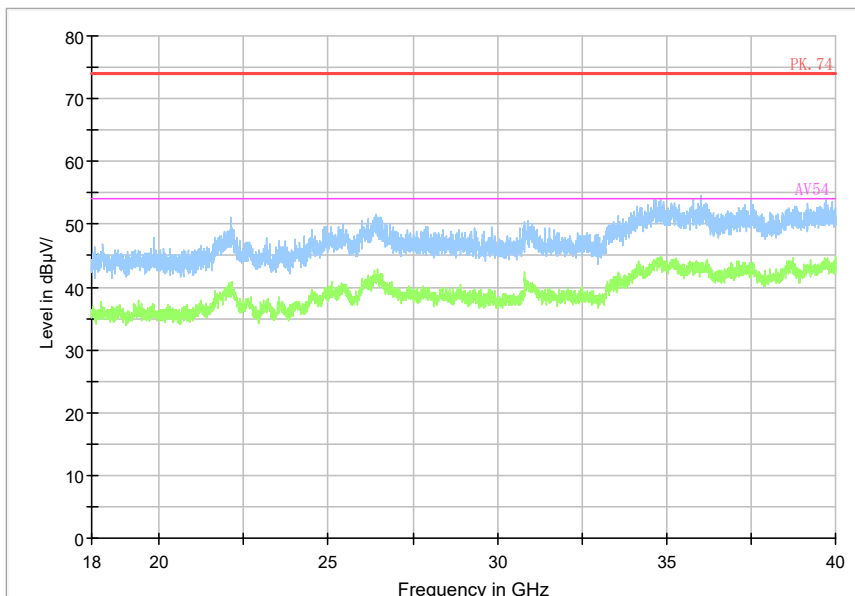
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

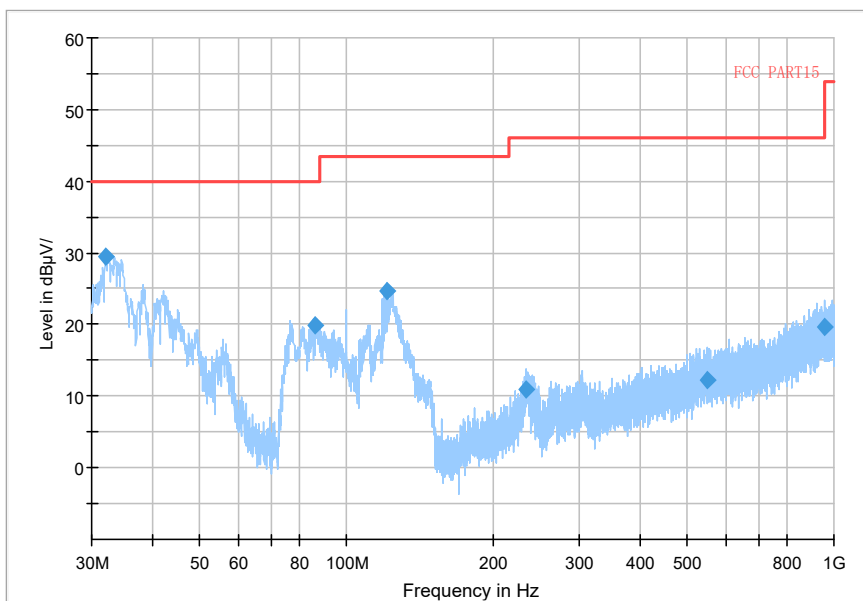
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

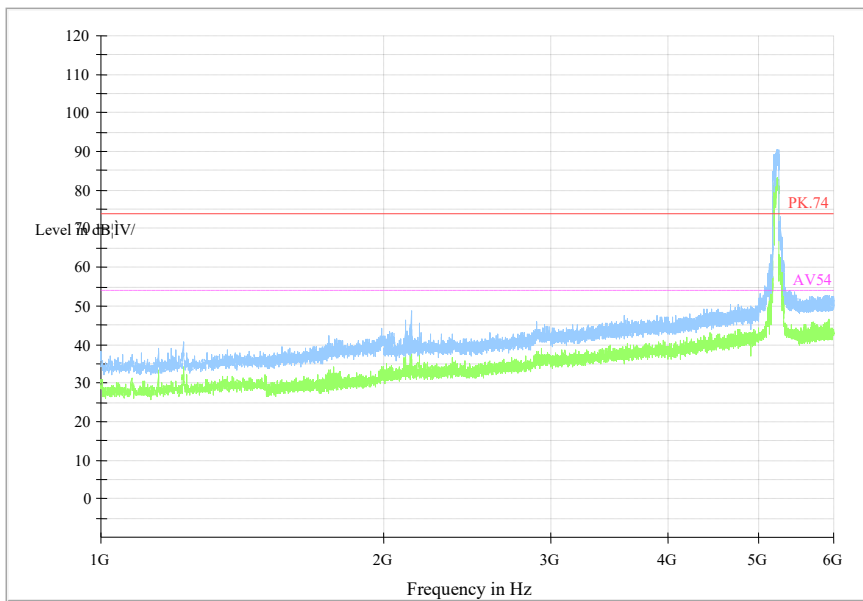
Carrier frequency (MHz): 5210  
Channel No.:42

Full Spectrum



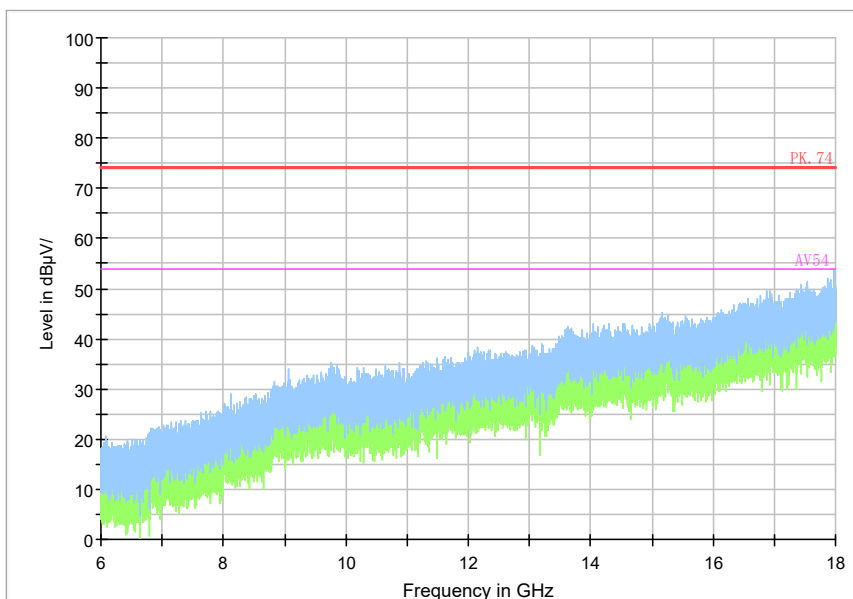
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT80)

Full Spectrum



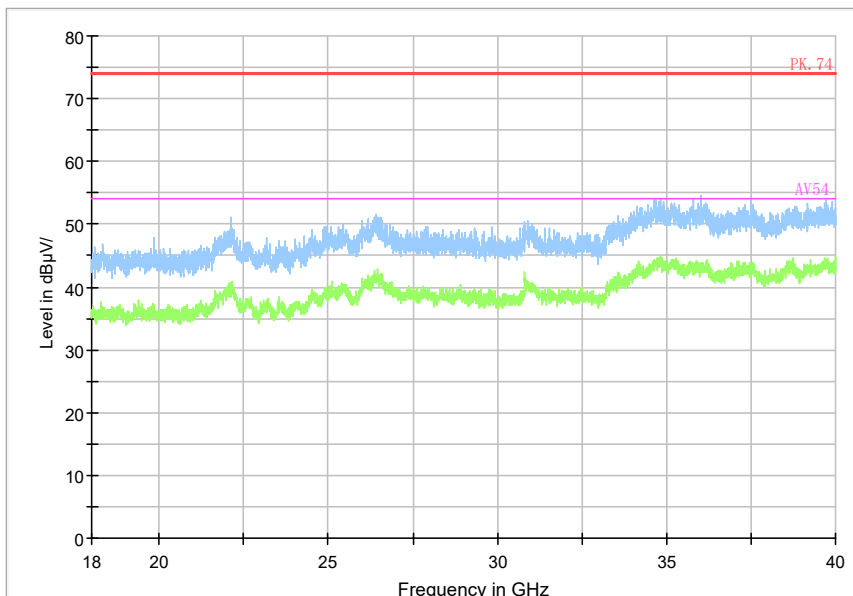
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT80)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT80)

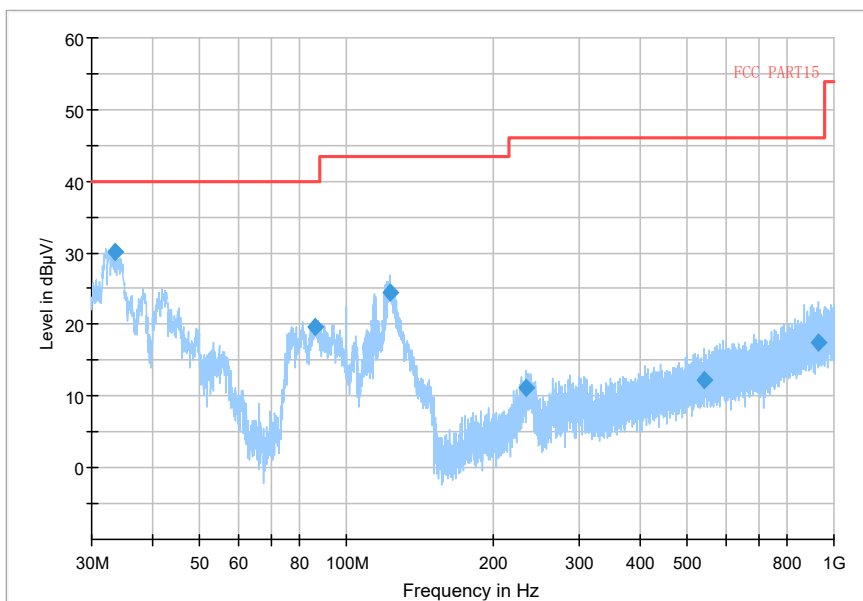
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT80)

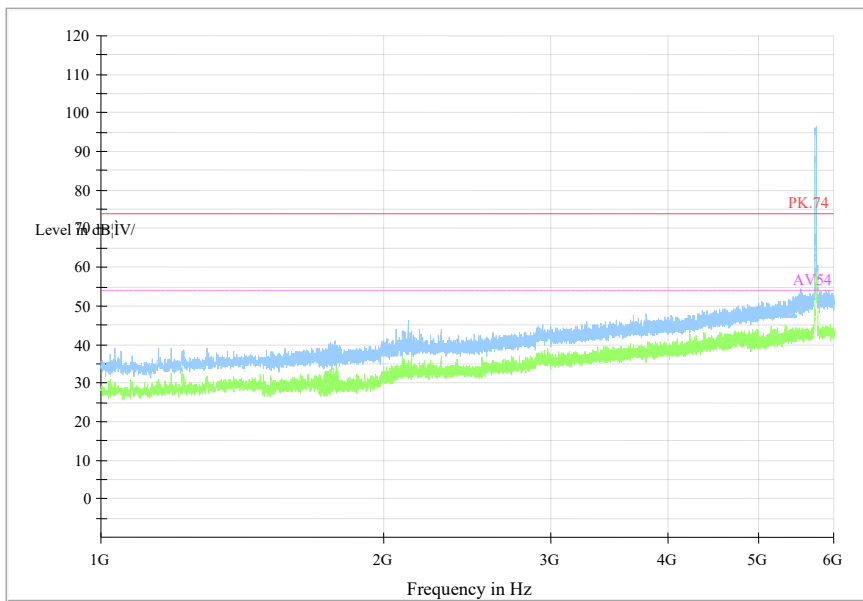
Carrier frequency (MHz): 5745  
Channel No.:149

Full Spectrum



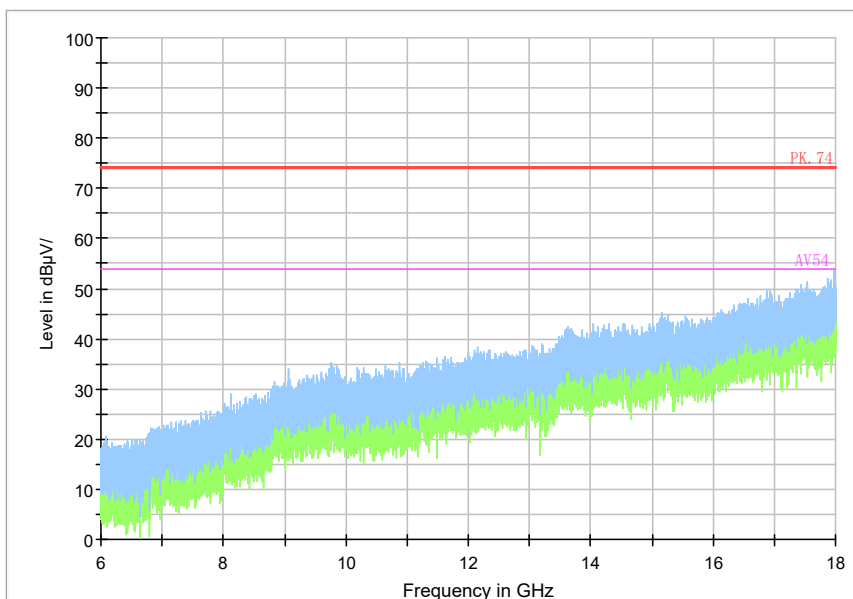
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



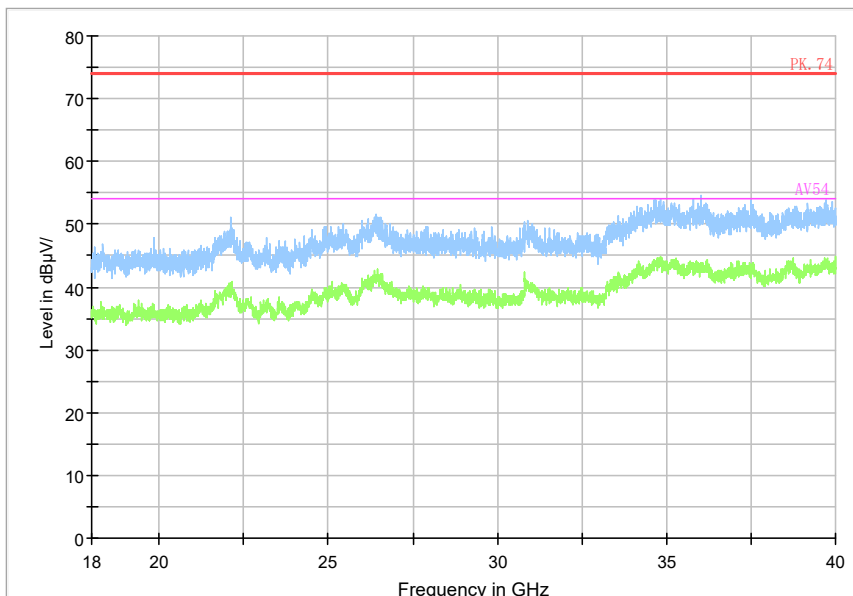
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



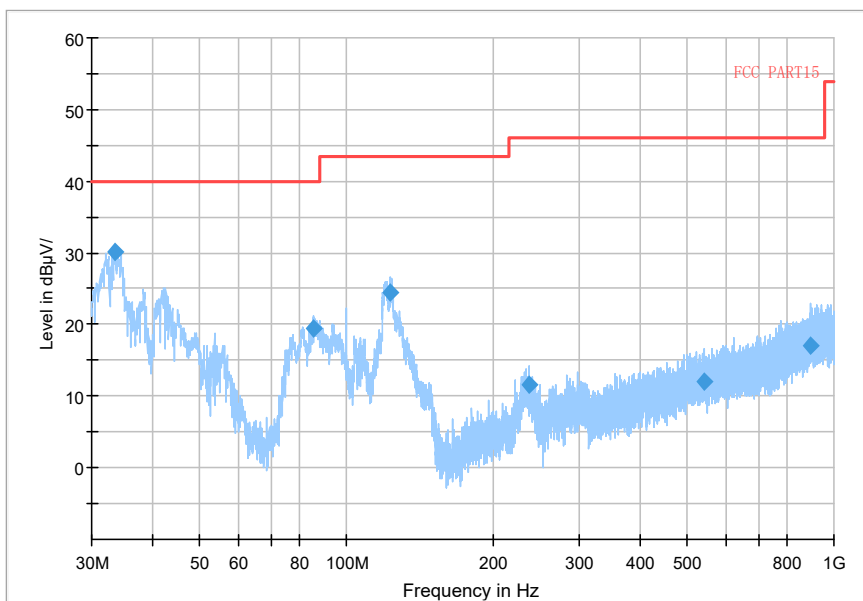
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



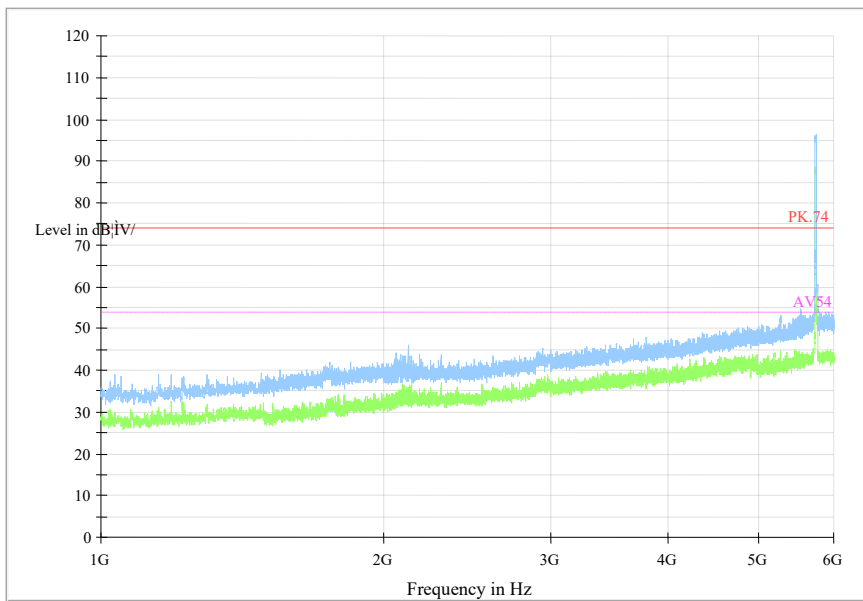
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



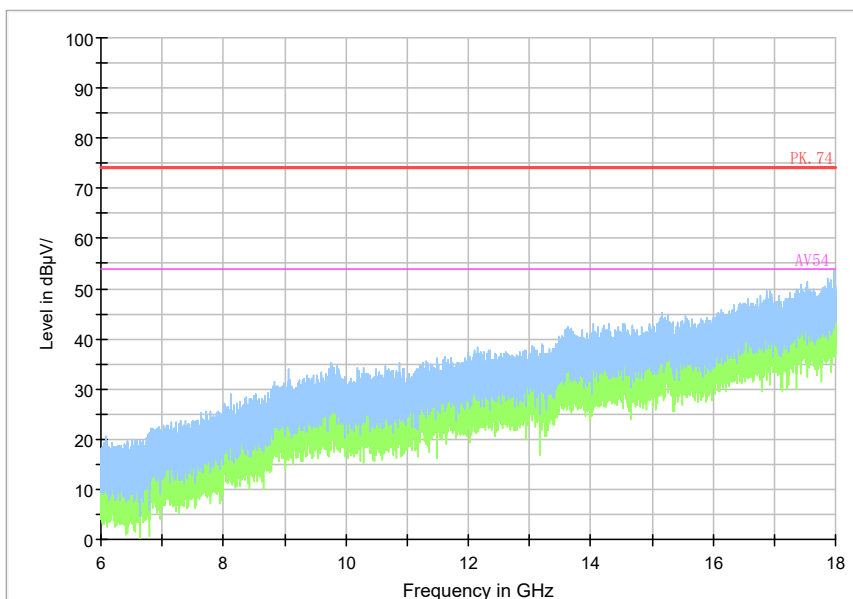
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



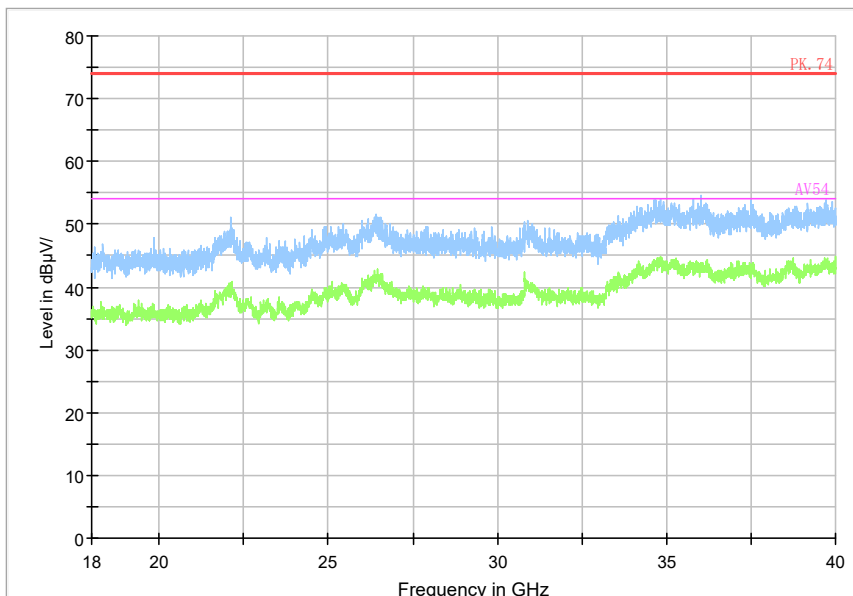
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



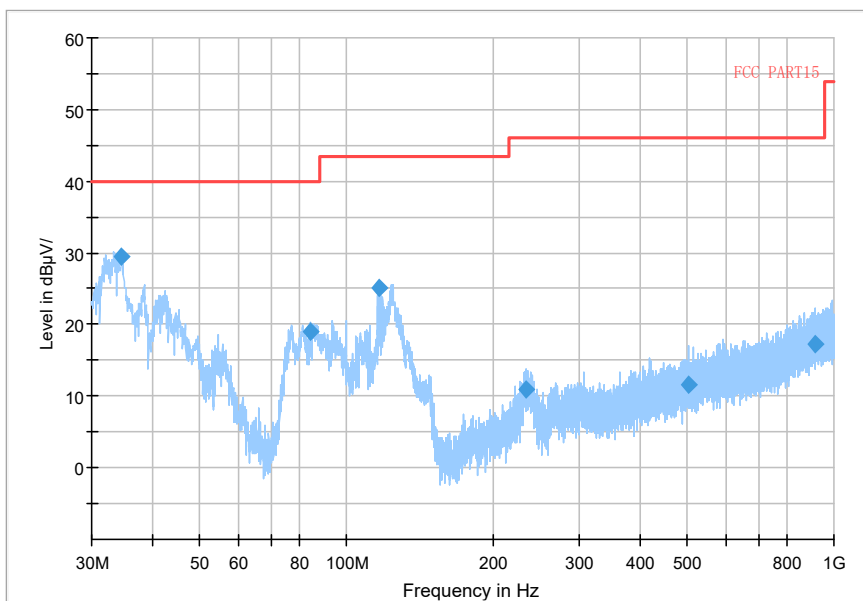
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



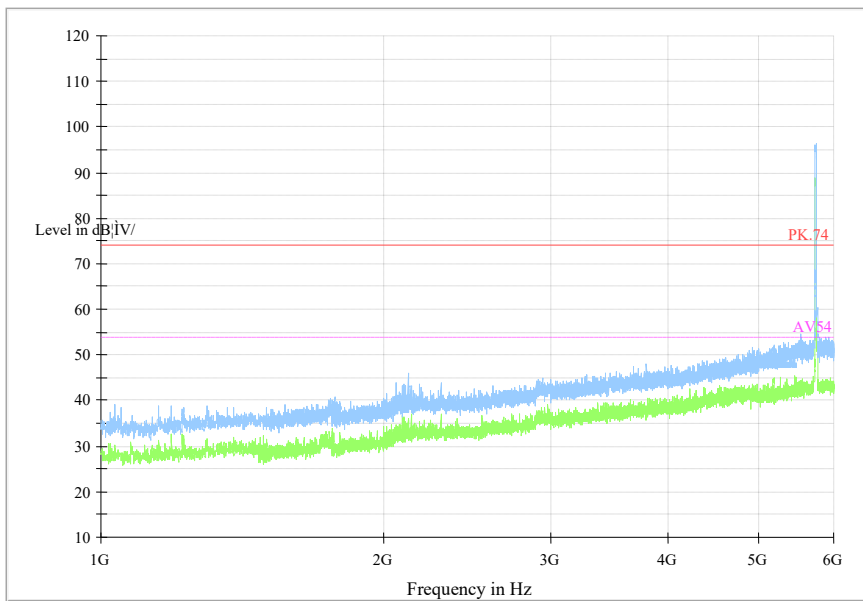
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



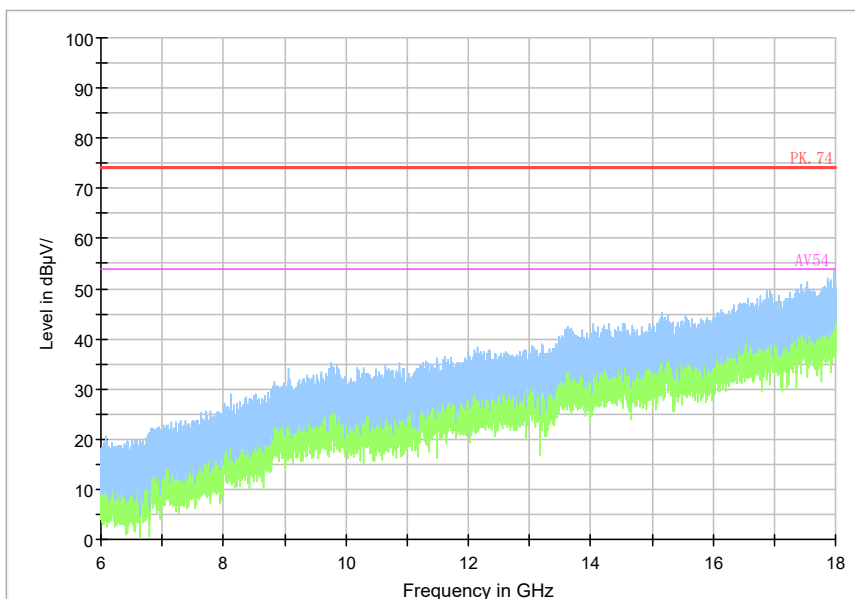
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



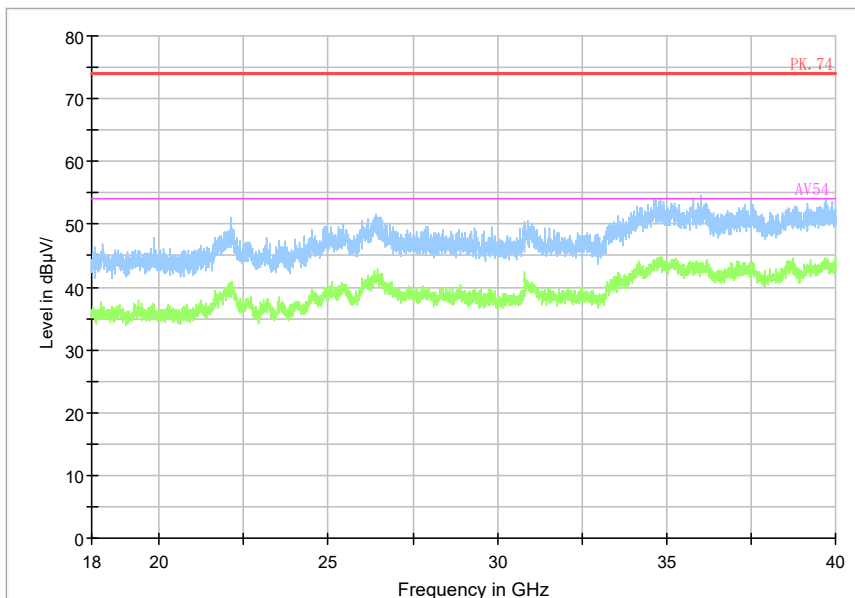
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

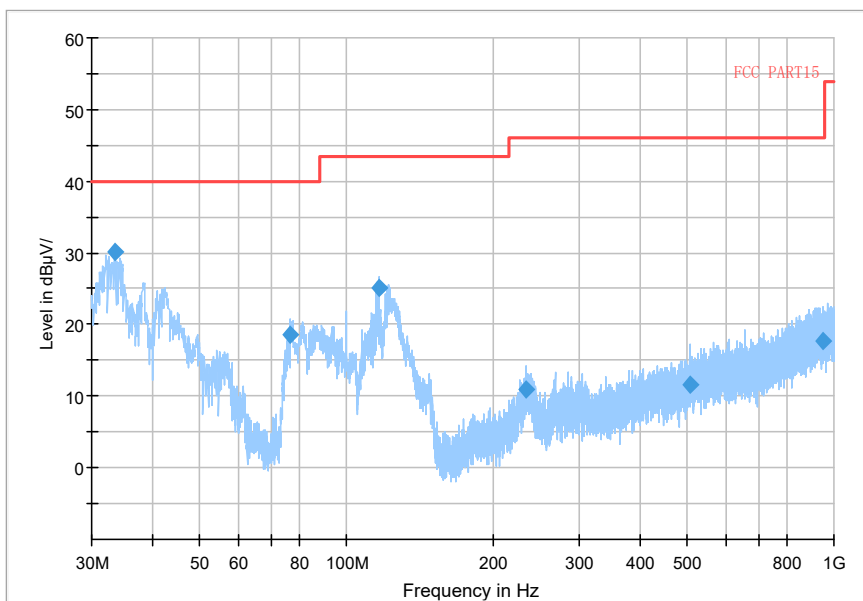
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

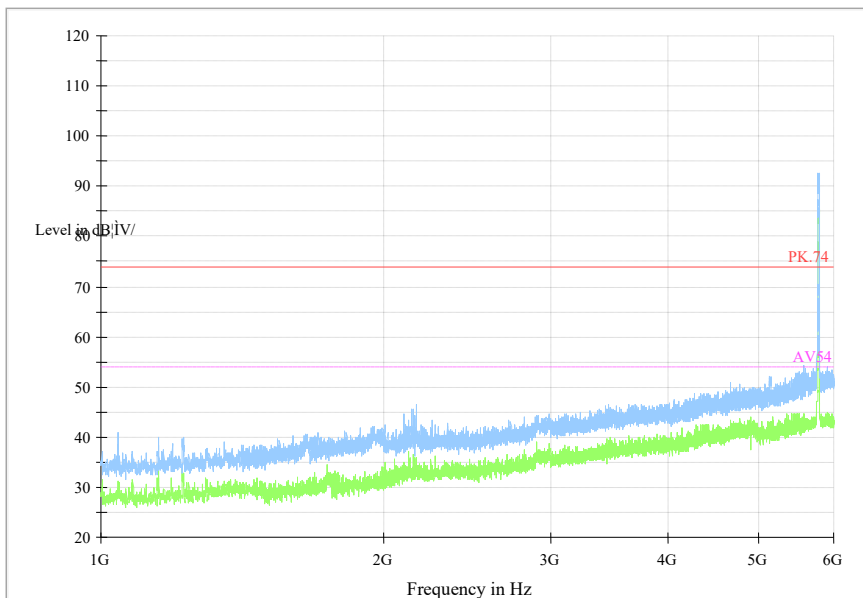
Carrier frequency (MHz): 5785  
Channel No.:157

Full Spectrum



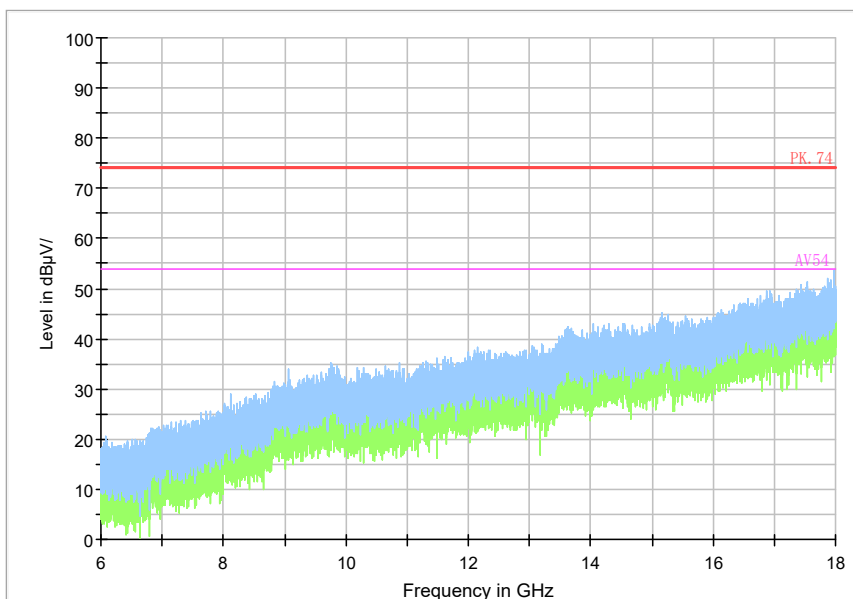
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



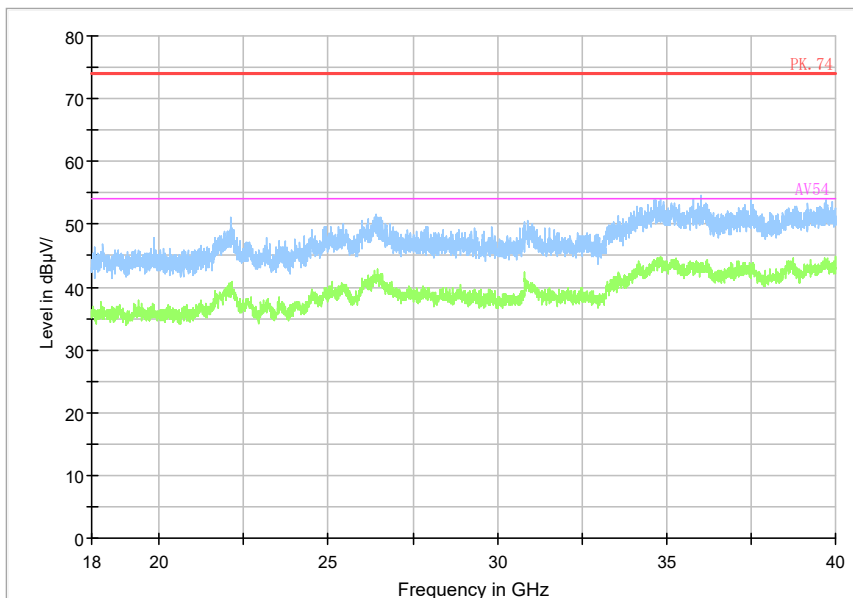
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



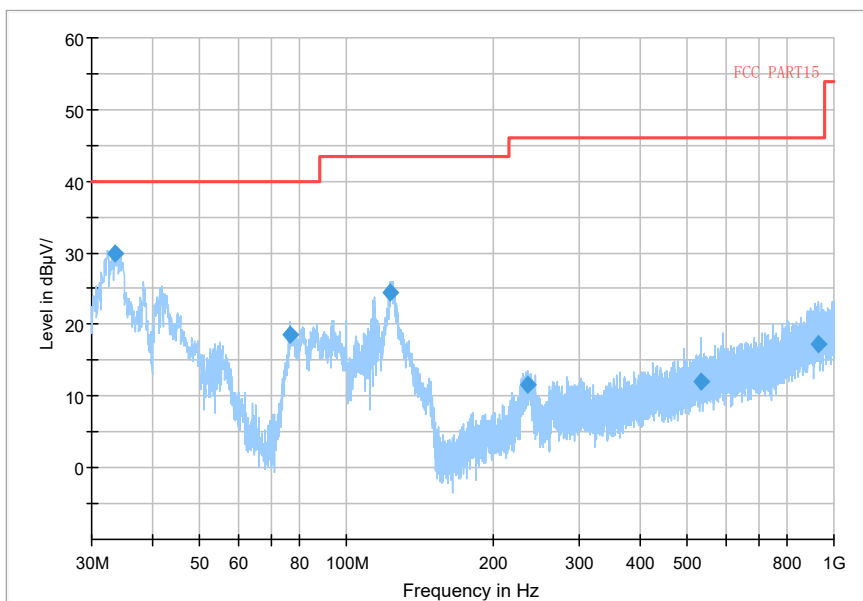
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



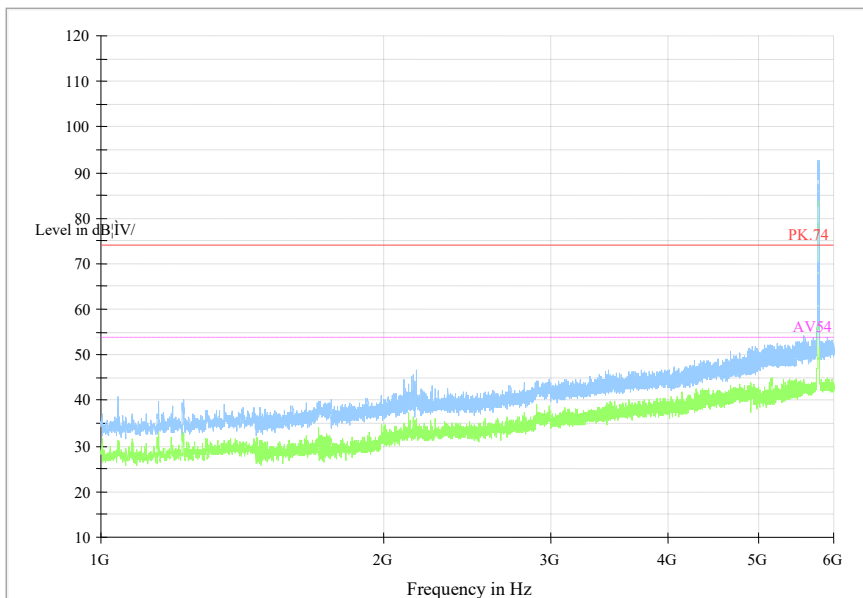
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



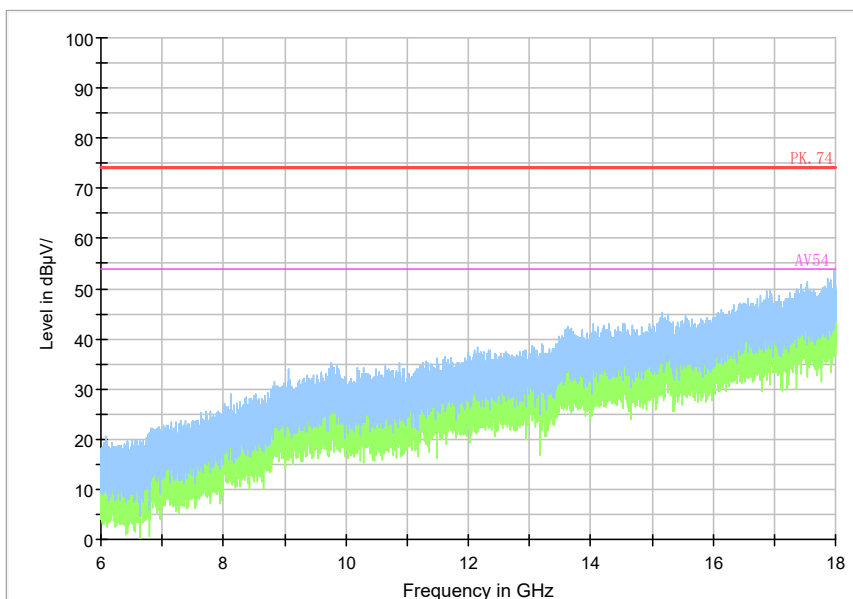
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



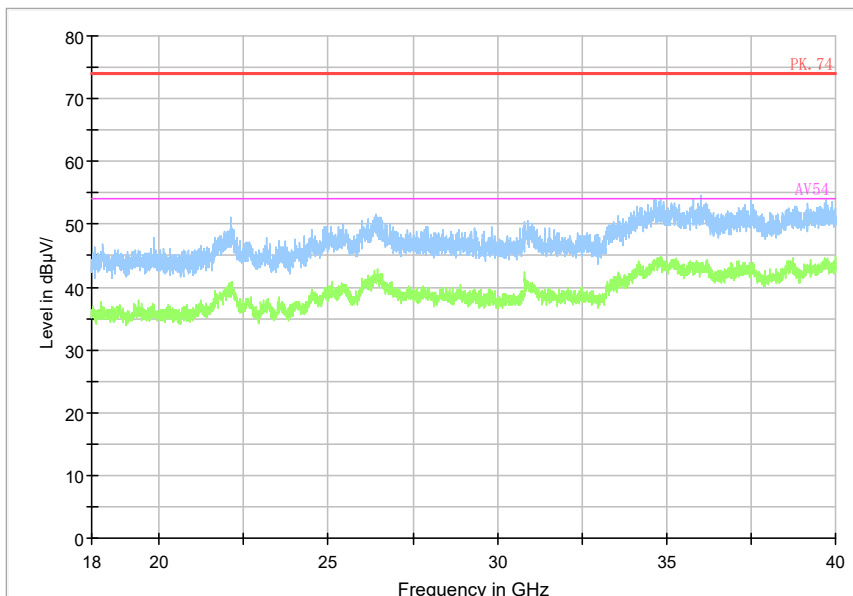
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



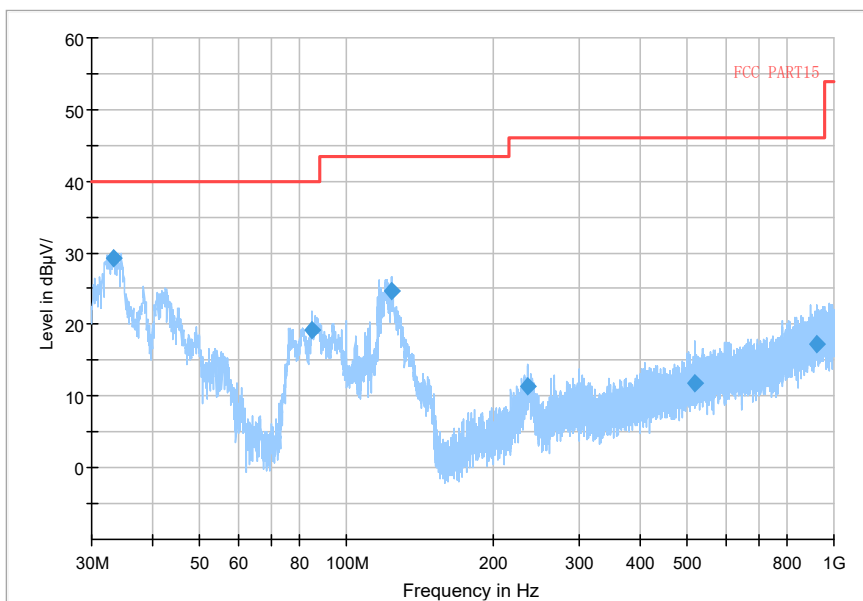
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



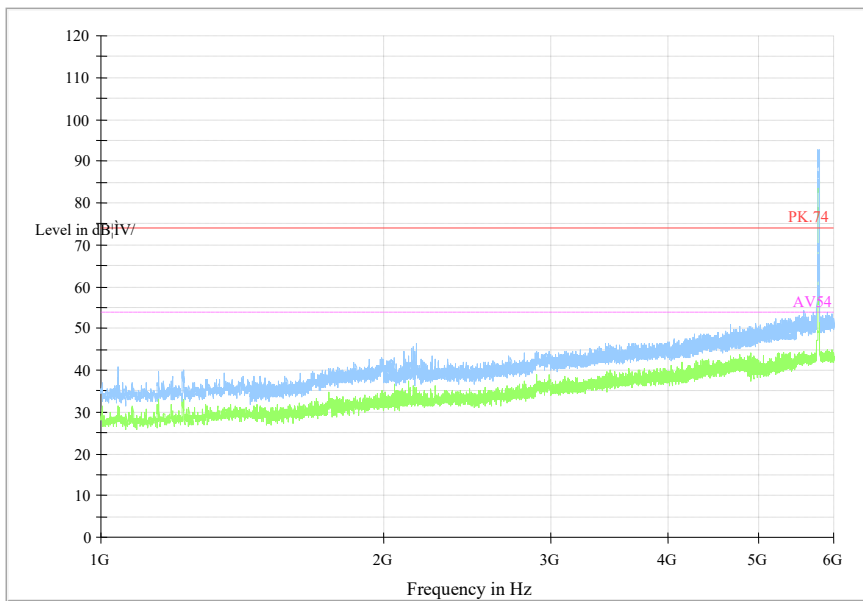
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



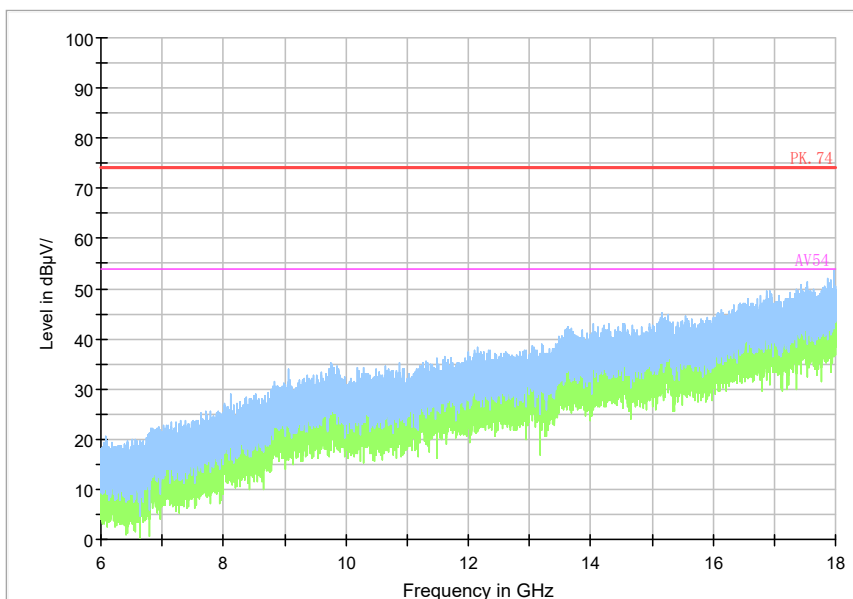
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



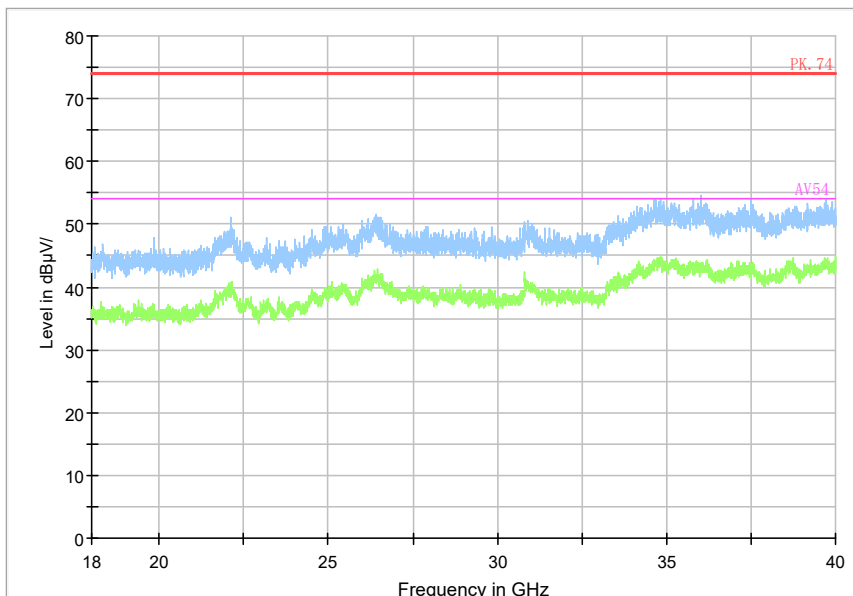
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

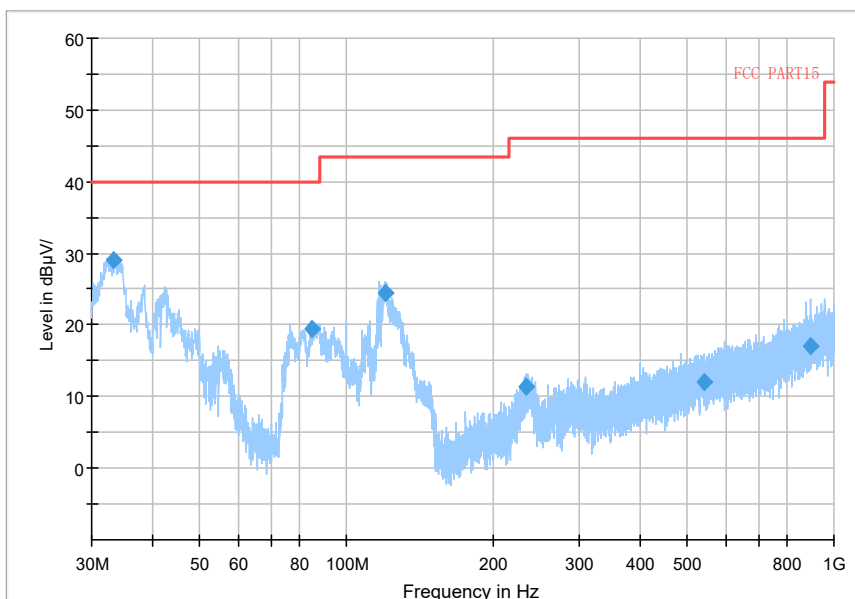
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

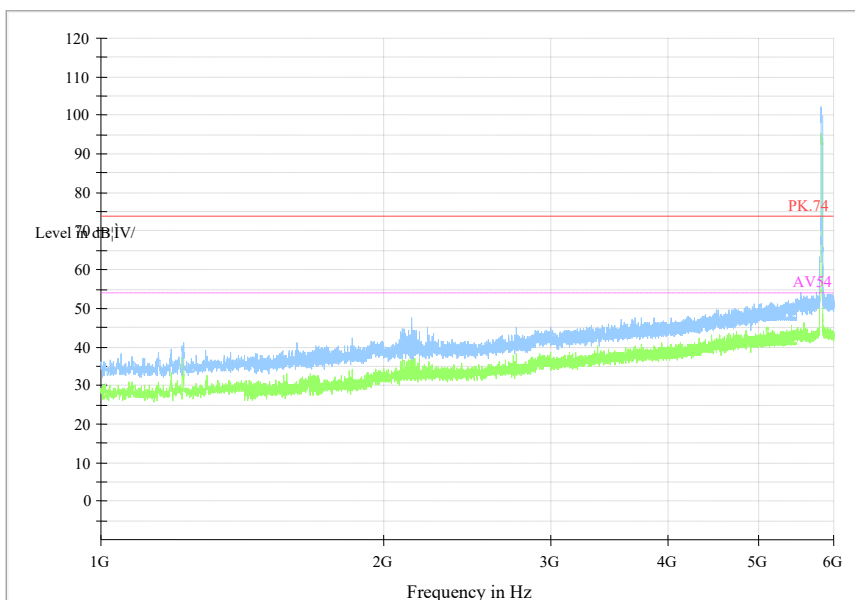
Carrier frequency (MHz): 5825  
Channel No.:165

Full Spectrum



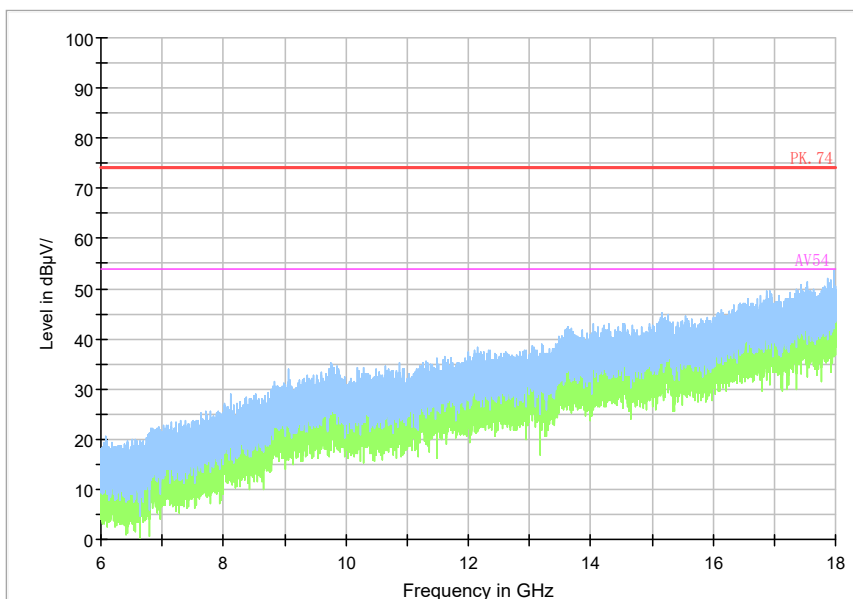
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11a

Full Spectrum



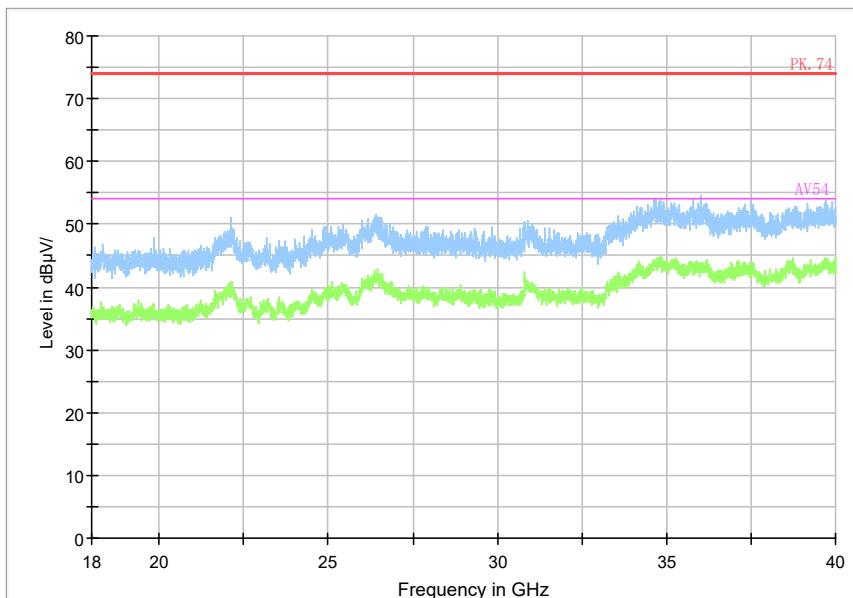
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



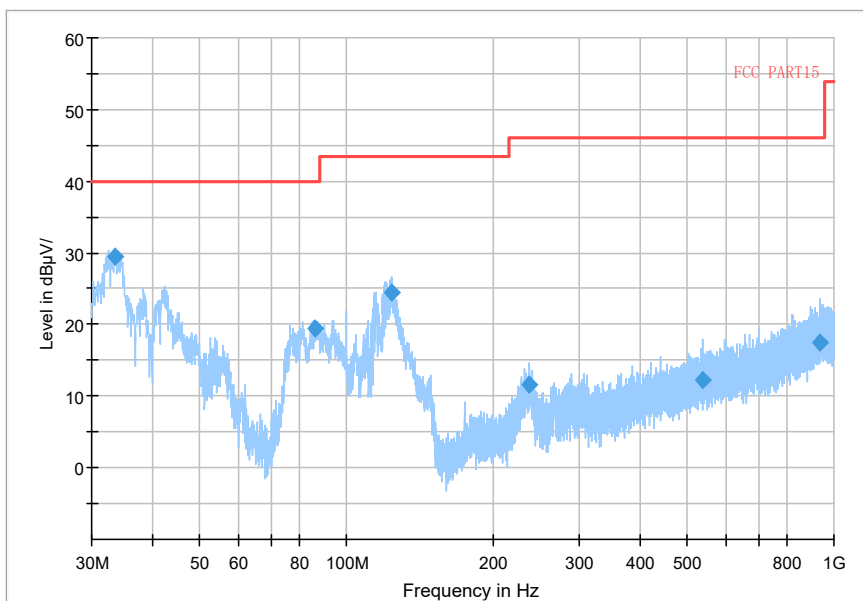
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



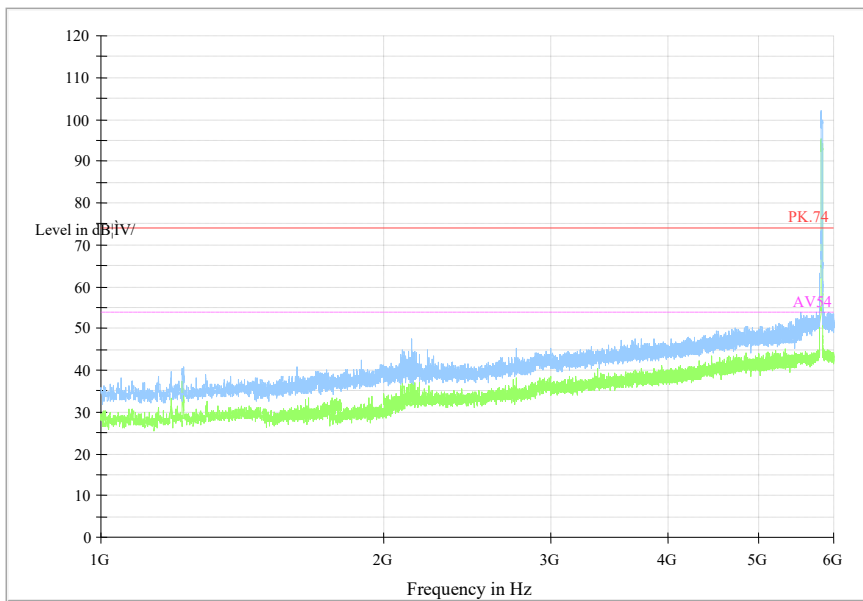
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11a

Full Spectrum



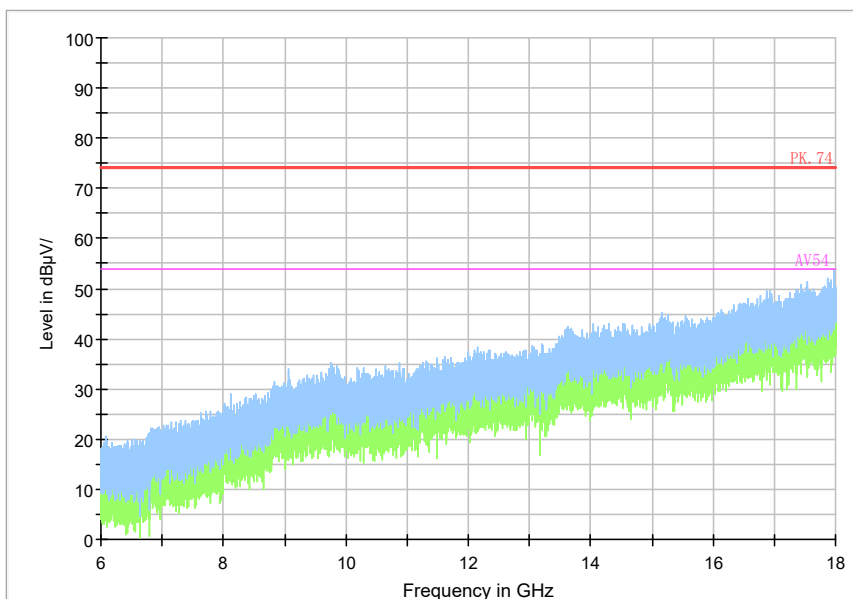
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



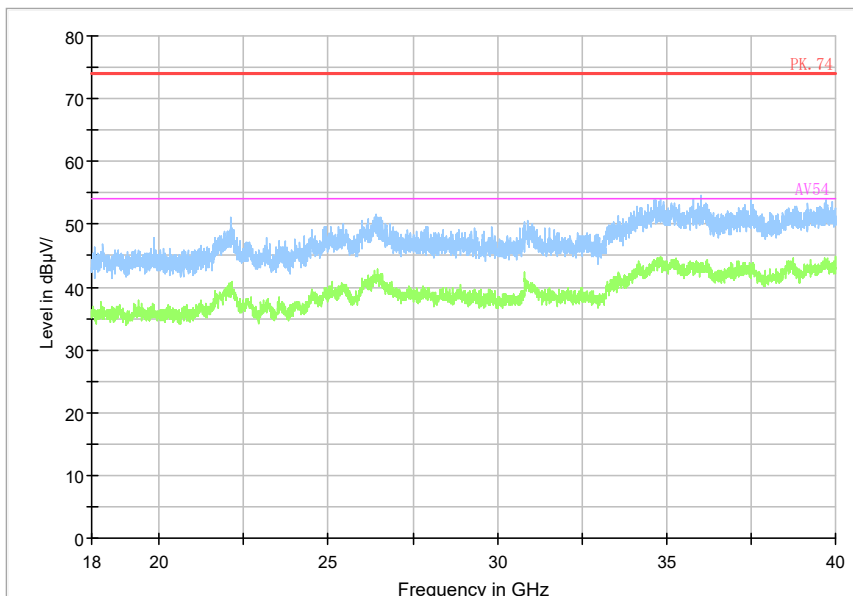
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



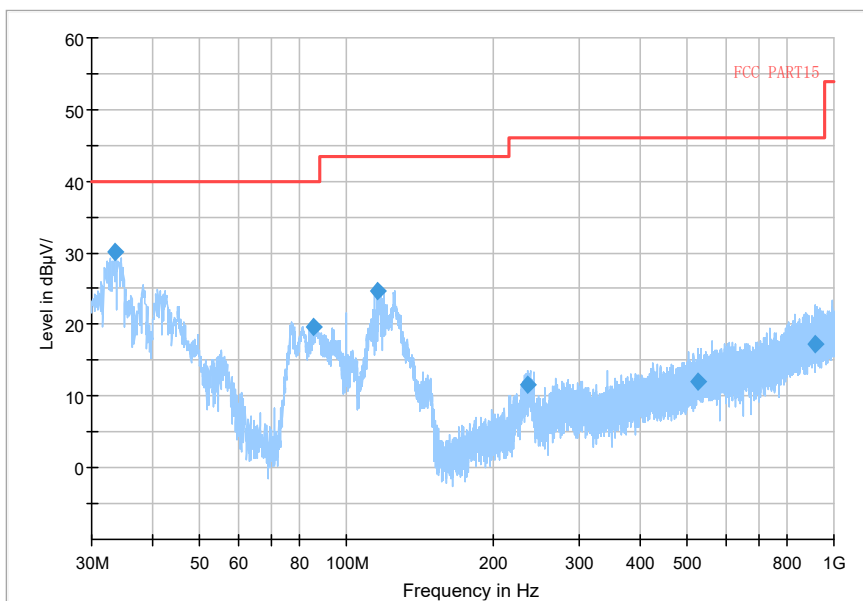
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



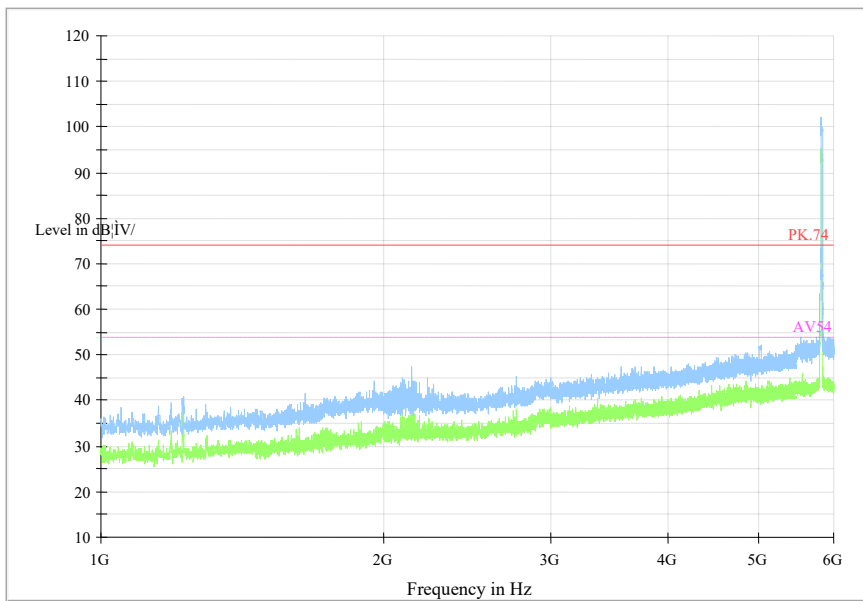
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



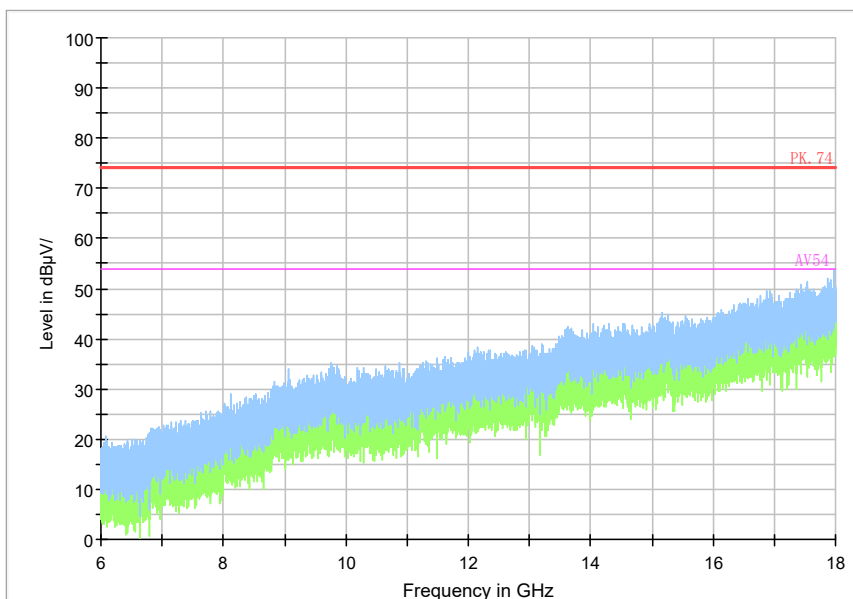
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



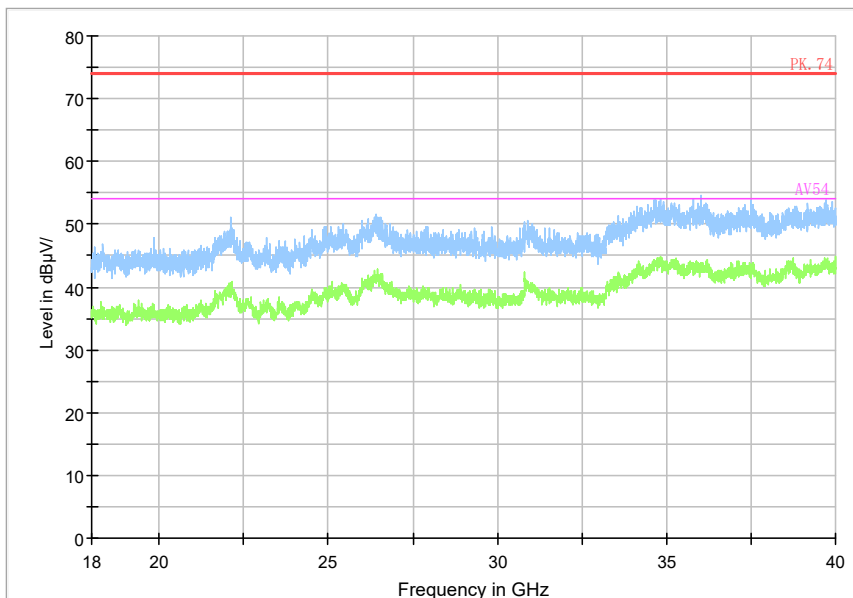
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

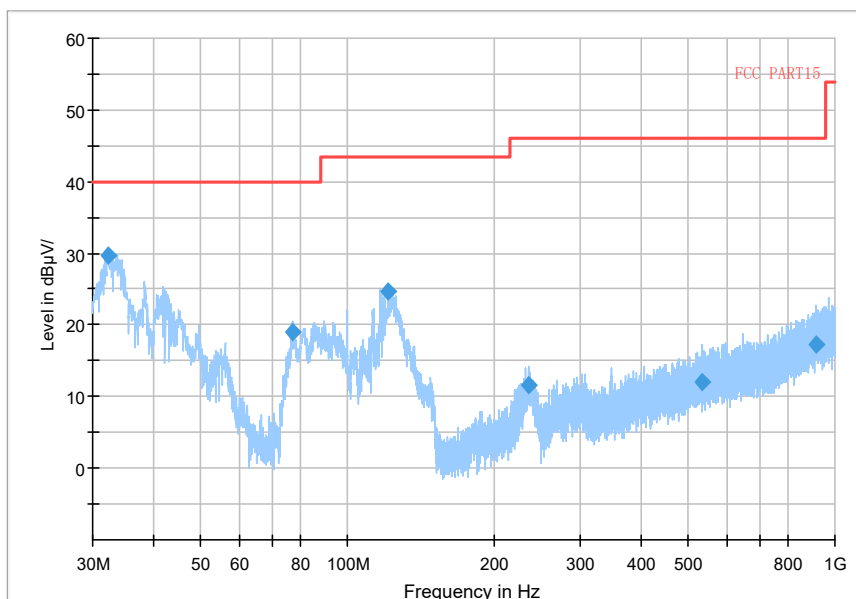
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT20)

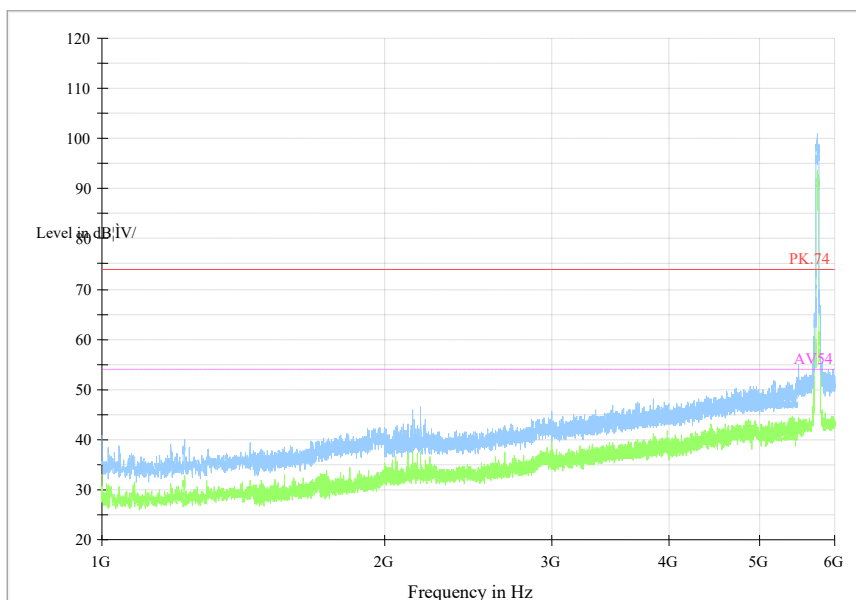
Carrier frequency (MHz): 5755  
Channel No.:151

Full Spectrum



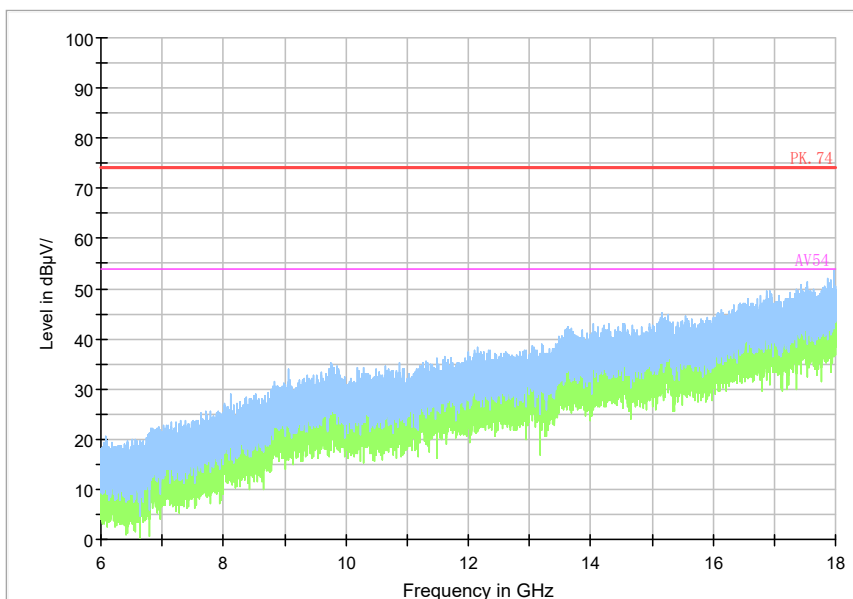
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



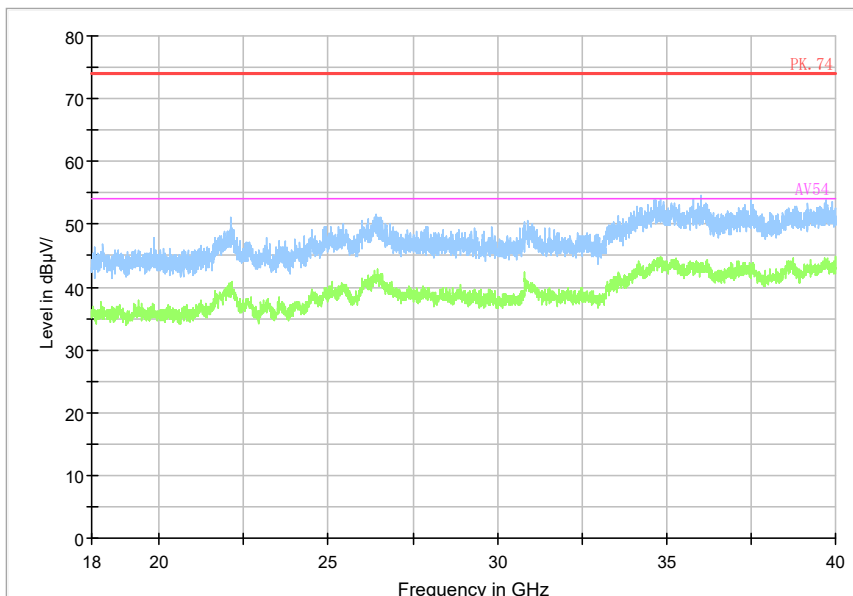
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



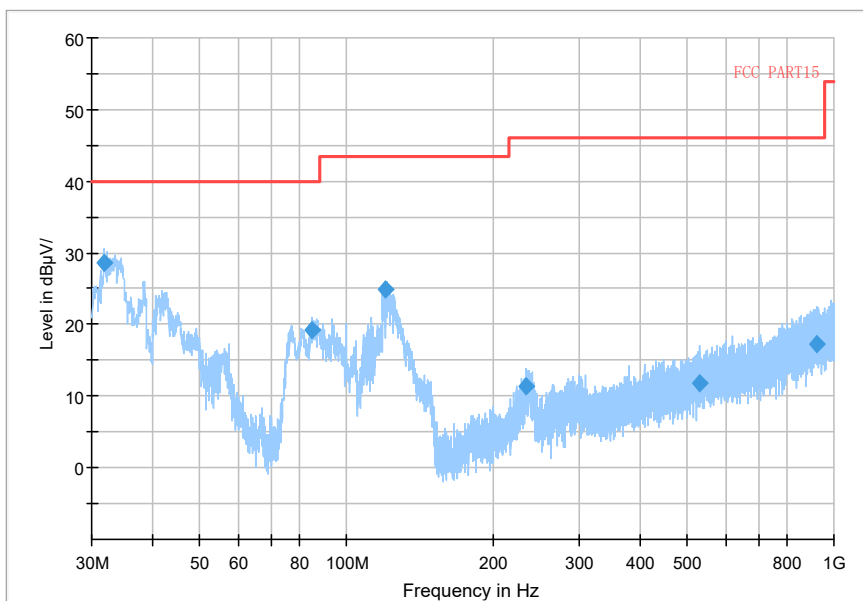
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



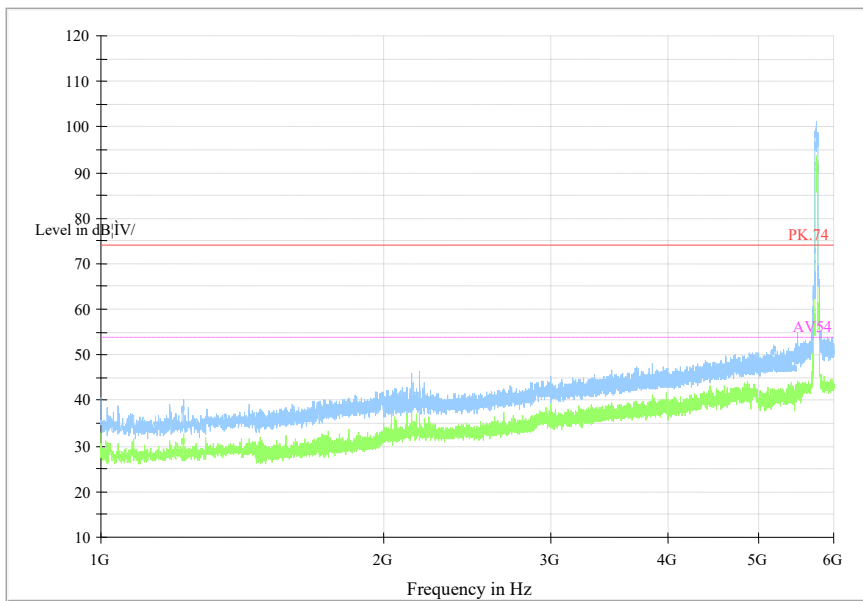
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



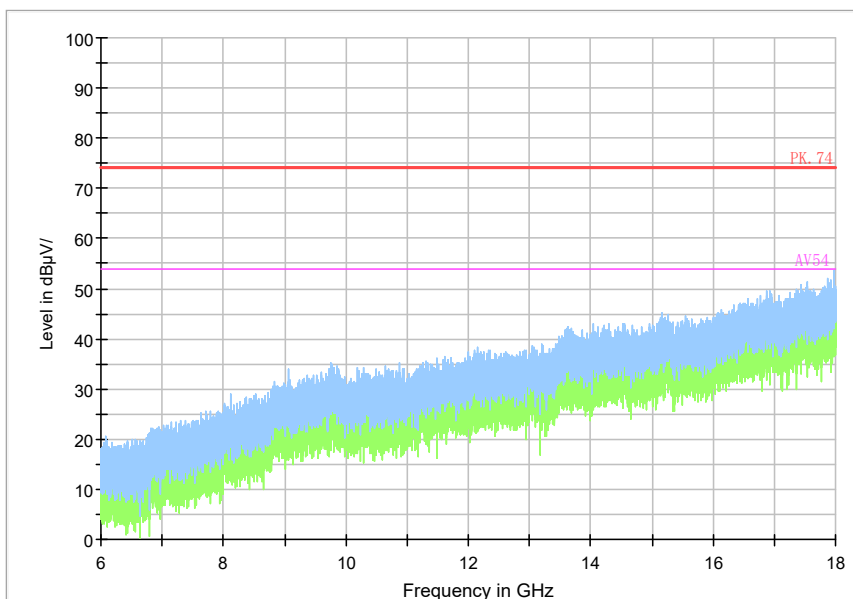
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



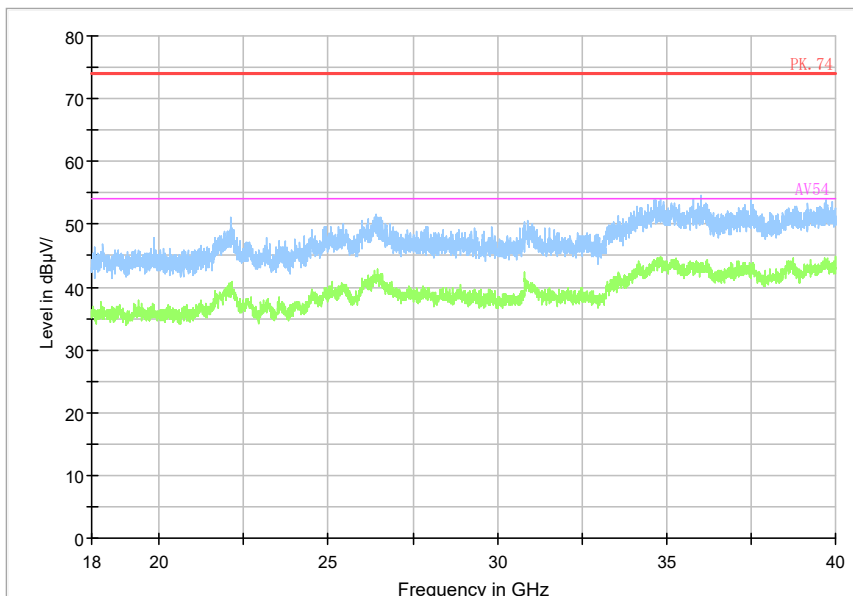
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

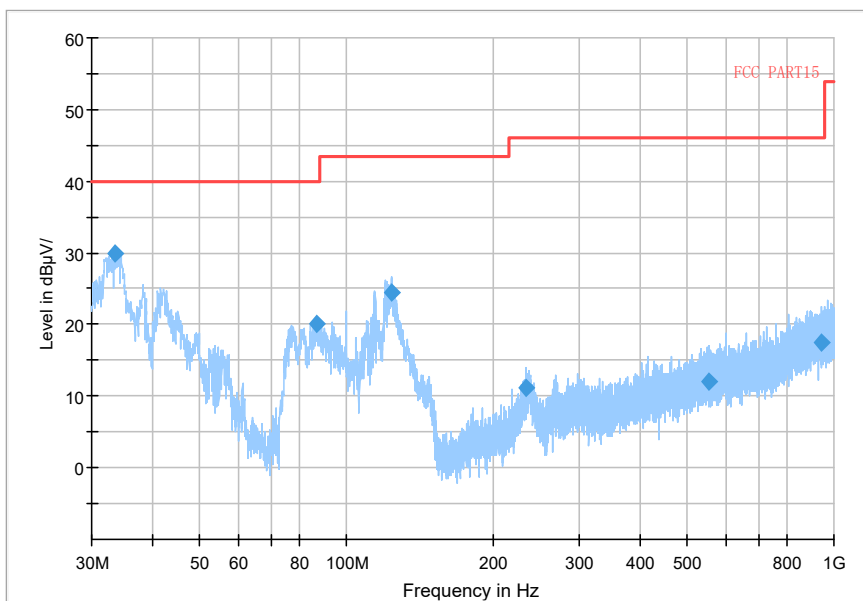
Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

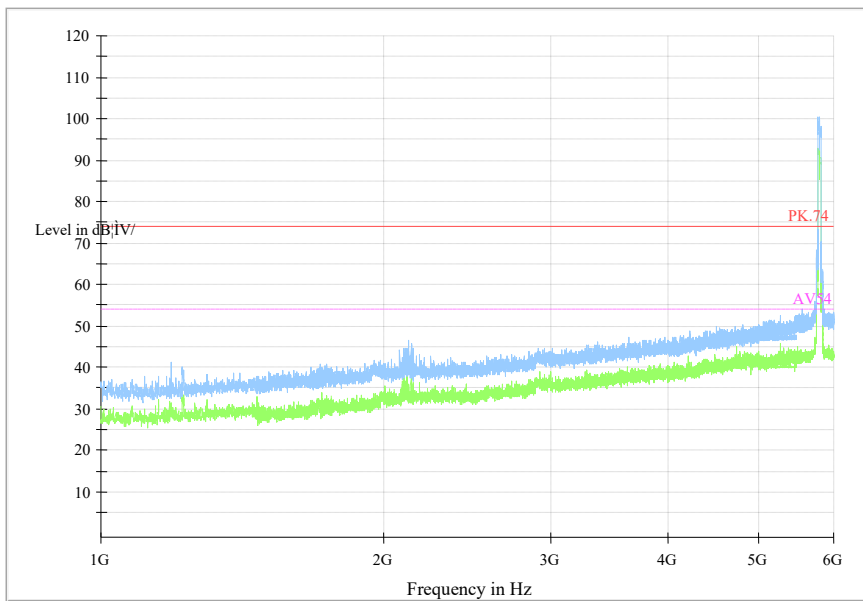
Carrier frequency (MHz): 5795  
Channel No.:159

Full Spectrum



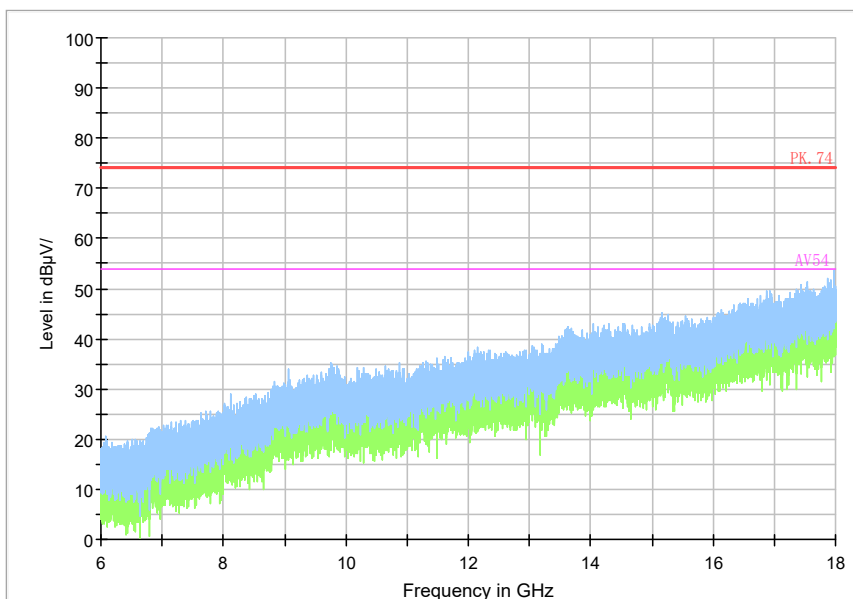
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



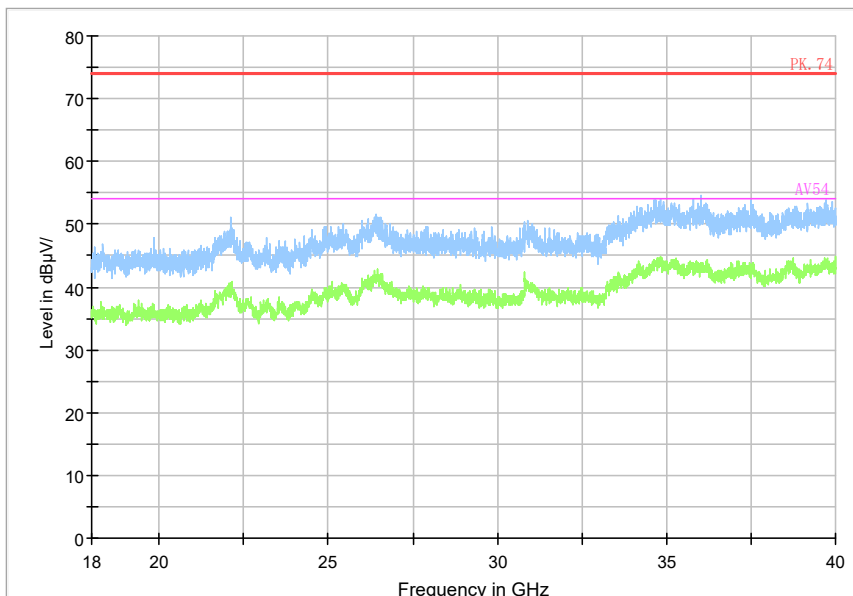
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



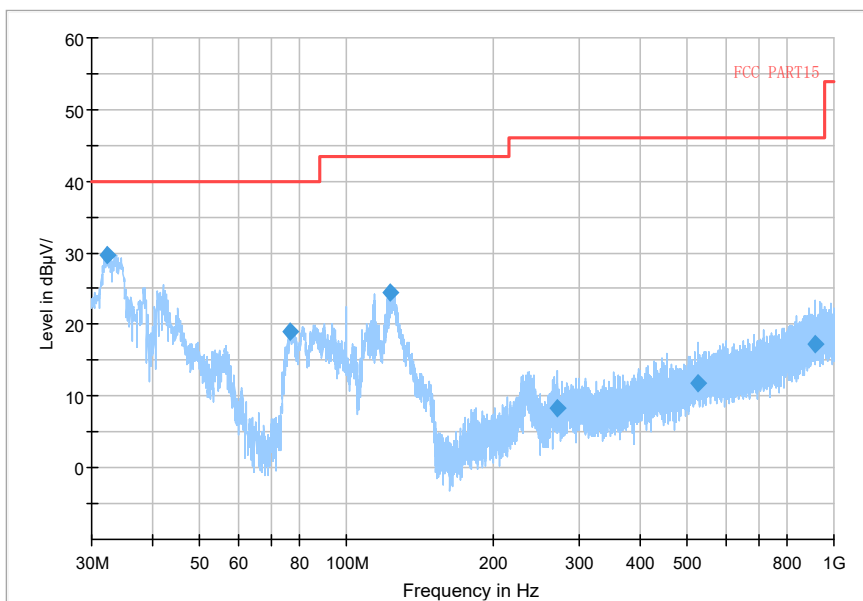
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



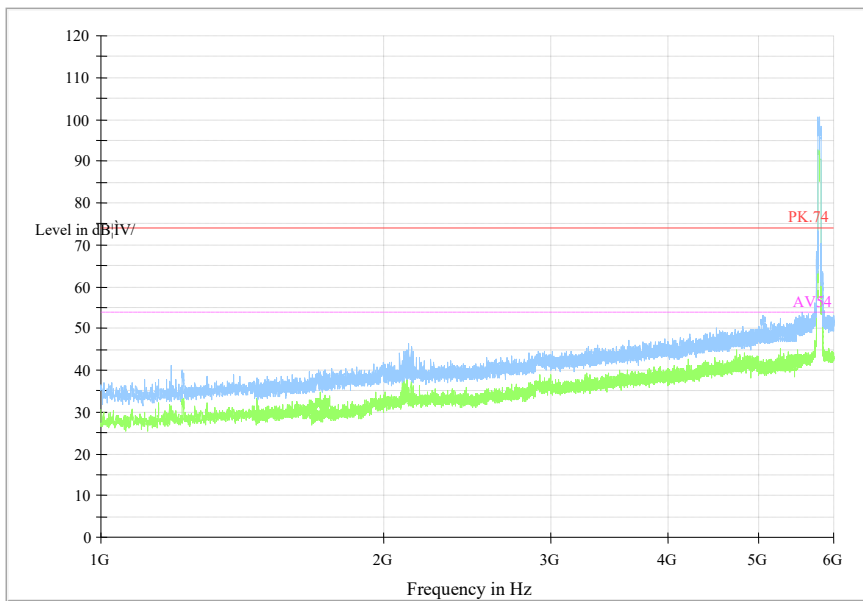
Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



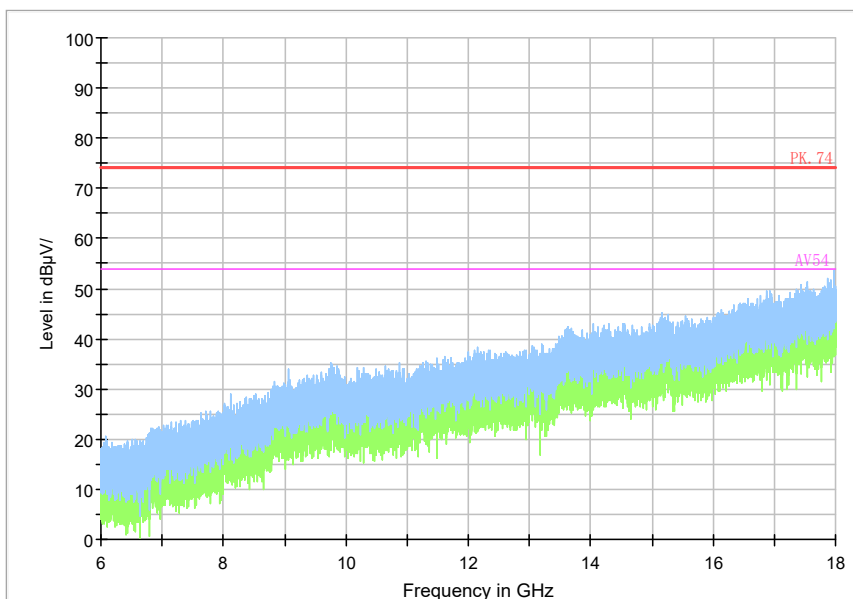
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



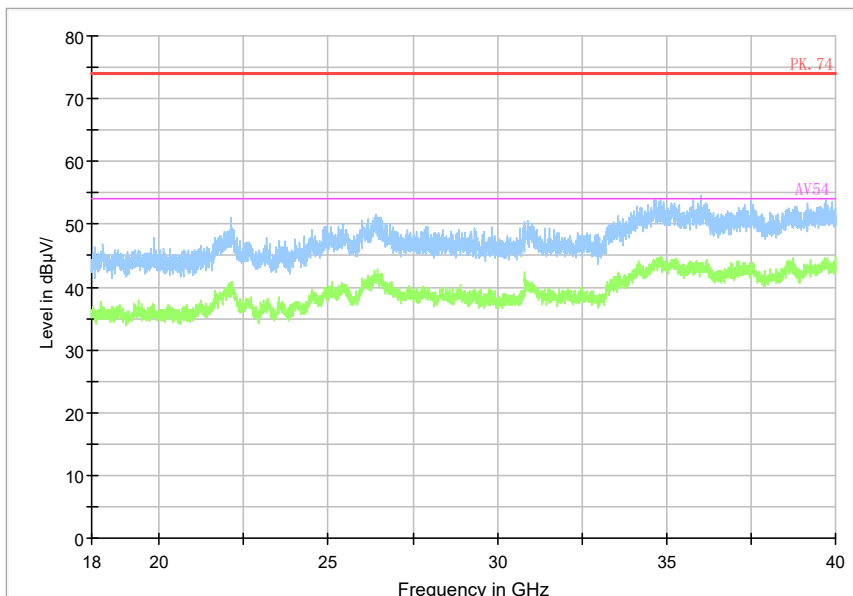
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Full Spectrum

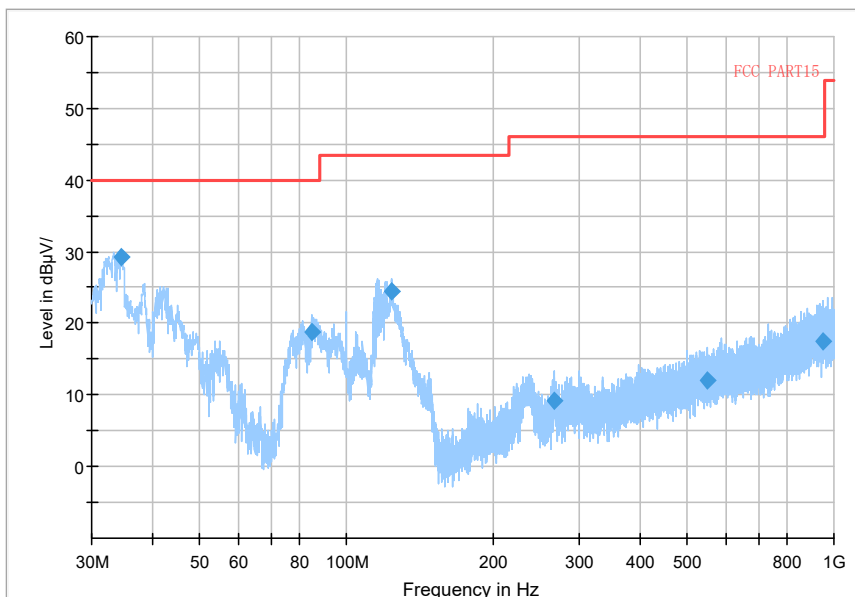


Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT40)

Carrier frequency (MHz): 5775

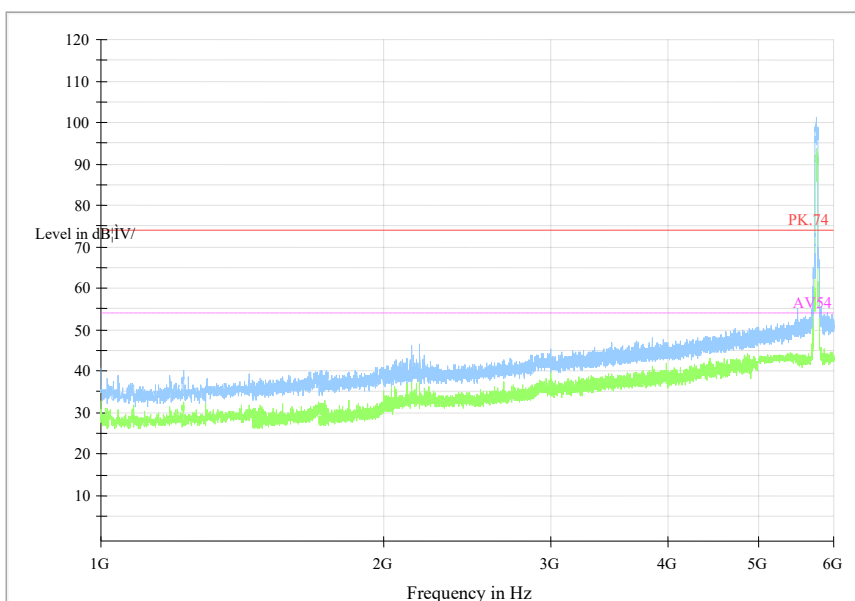
Channel No.:155

Full Spectrum



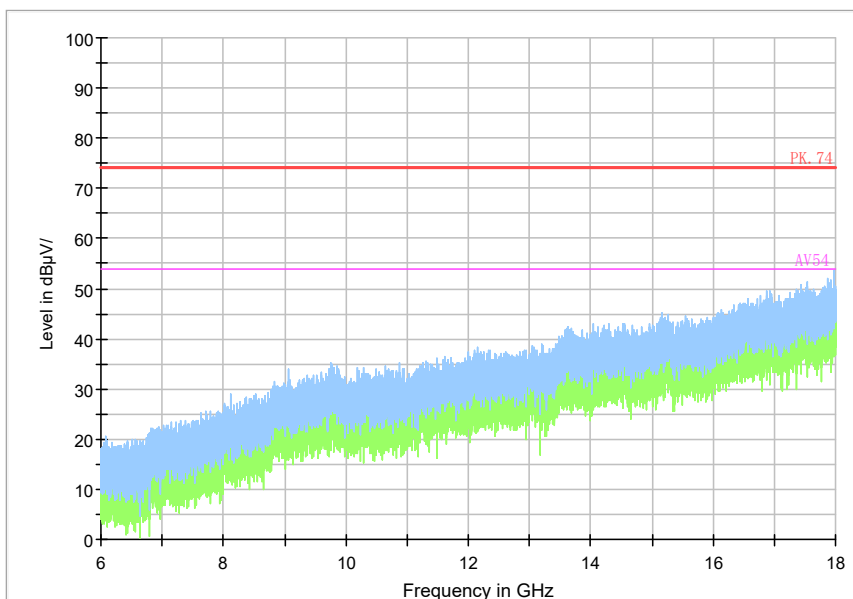
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11ac(VHT80)

Full Spectrum



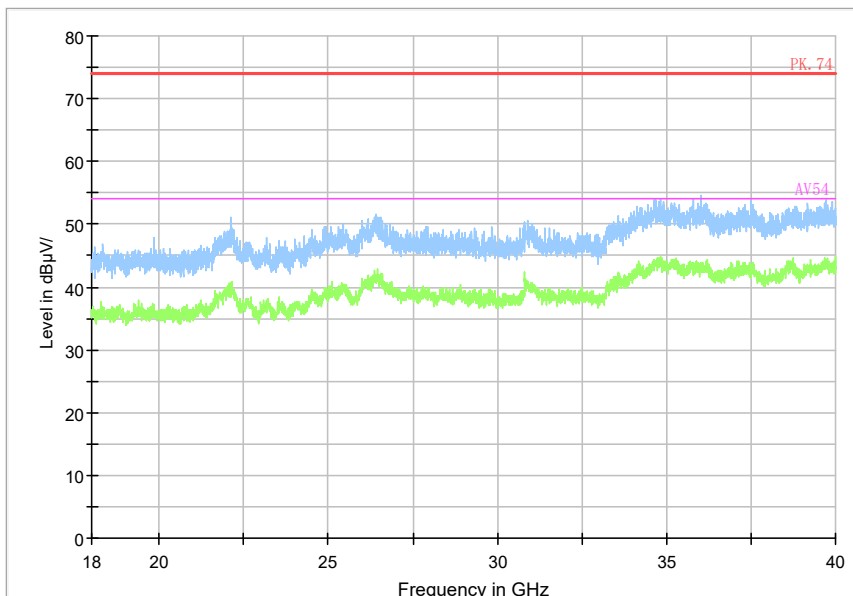
Frequency Range: 1GHz -6GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT80)

Full Spectrum



Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT80)

Full Spectrum



Frequency Range: 18GHz -40GHz  
Detector: Av mode and PK mode  
Test Mode: 802.11ac(VHT80)

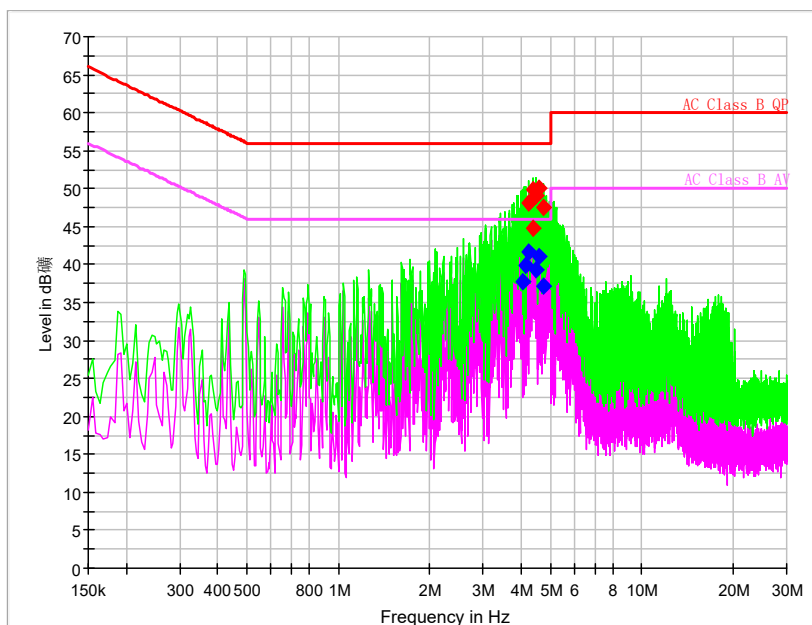
### AC Power line Conducted Emission(EUT TX on (11ac) + charging)

A "reference path loss" Corr.(dB) is established and the  $L_{\text{cable}} + \text{ATT} + \text{VDF}$  is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$

Sample calculation:  $(37.65 \text{ dB}\mu\text{V}) = (7.95 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$ , the corresponding frequency is 4.030500MHz.



L+N Line

### MEASUREMENT RESULT:

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) | Pmea QuasiPeak (dBμV) | Pmea Average (dBμV) |
|-----------------|------------------|----------------|--------------|-------------|------|------------|-----------------------|---------------------|
| 4.030500        | ---              | 37.65          | 46.00        | 8.35        | N    | 29.7       | ---                   | 7.95                |
| 4.142438        | ---              | 39.85          | 46.00        | 6.15        | L1   | 29.7       | ---                   | 10.15               |
| 4.249711        | 48.08            | ---            | 56.00        | 7.92        | L1   | 29.7       | 18.38                 | ---                 |
| 4.254375        | ---              | 41.60          | 46.00        | 4.40        | L1   | 29.7       | ---                   | 11.9                |
| 4.361648        | 49.86            | ---            | 56.00        | 6.14        | L1   | 29.7       | 20.16                 | ---                 |
| 4.375641        | 44.80            | ---            | 56.00        | 11.20       | L1   | 29.7       | 15.1                  | ---                 |
| 4.496906        | 49.09            | ---            | 56.00        | 6.91        | N    | 29.7       | 19.39                 | ---                 |
| 4.496906        | ---              | 39.27          | 46.00        | 6.73        | L1   | 29.7       | ---                   | 9.57                |
| 4.608844        | 50.04            | ---            | 56.00        | 5.96        | L1   | 29.7       | 20.34                 | ---                 |
| 4.608844        | ---              | 41.13          | 46.00        | 4.87        | N    | 29.7       | ---                   | 11.43               |
| 4.716117        | 47.55            | ---            | 56.00        | 8.45        | L1   | 29.7       | 17.85                 | ---                 |
| 4.744102        | ---              | 37.07          | 46.00        | 8.93        | L1   | 29.7       | ---                   | 7.37                |

---End of Test Report---