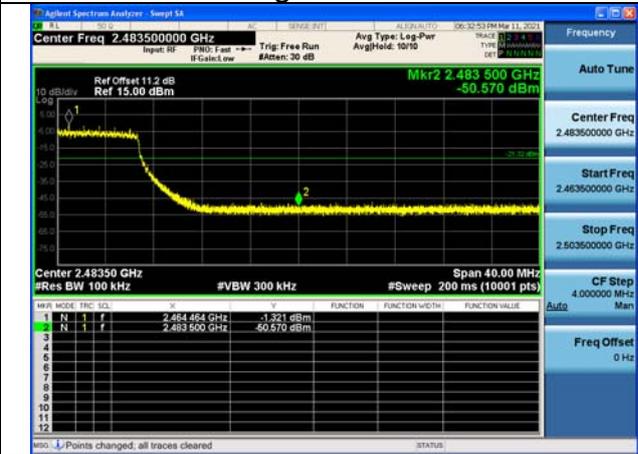
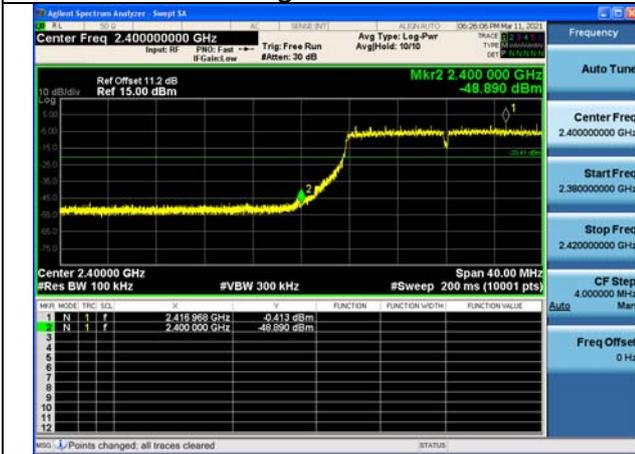


Test Mode:802.11g

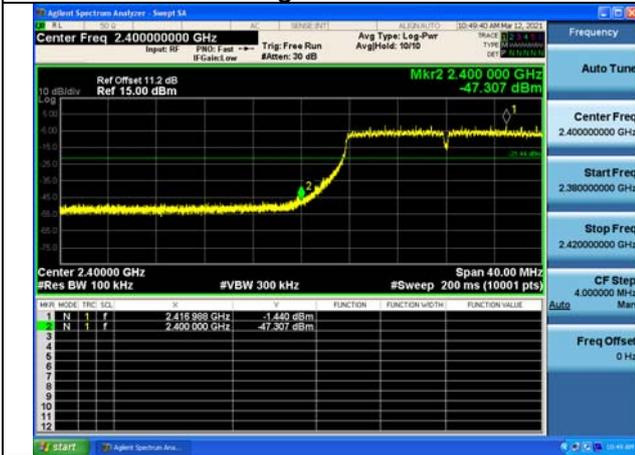
Test Mode:802.11g Ant7 CH1

Test Mode:802.11g Ant7 CH1



Test Mode:802.11g Ant8 CH1

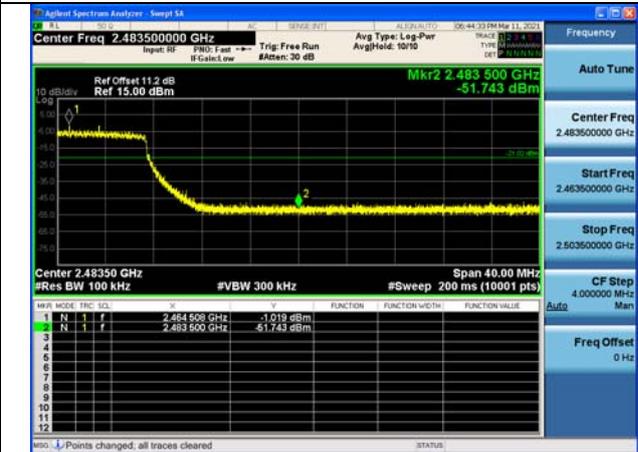
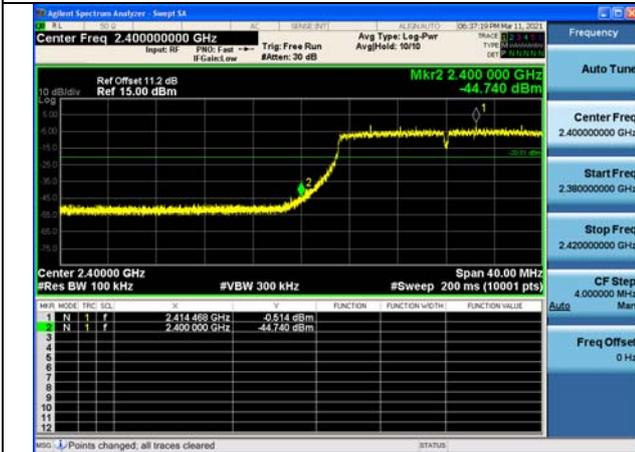
Test Mode:802.11g Ant8 CH1



Test Mode:802. 11n HT20

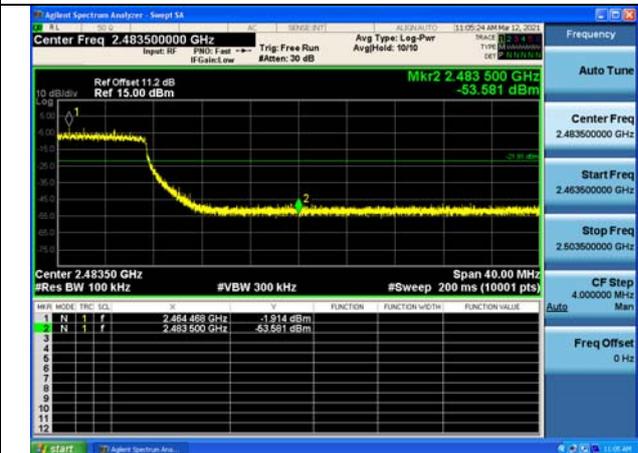
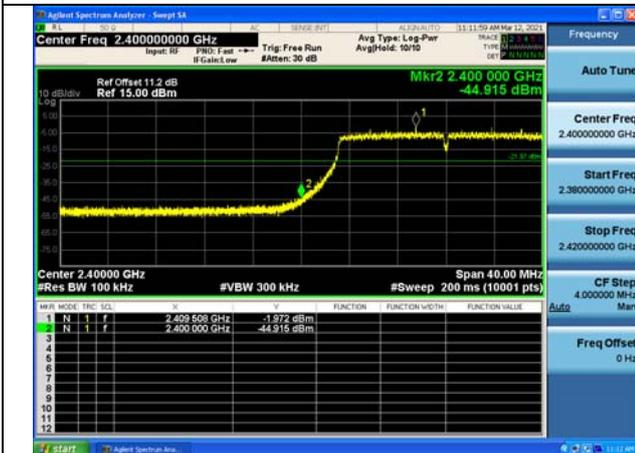
Test Mode:802. 11n HT20 Ant7 CH1

Test Mode:802. 11n HT20 Ant7 CH11



Test Mode:802. 11n HT20 Ant8 CH1

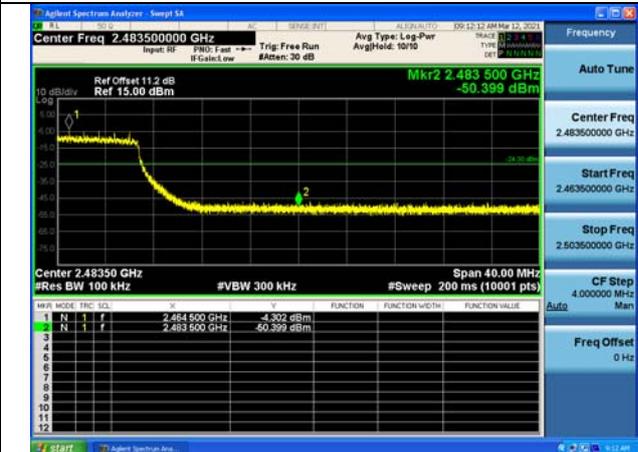
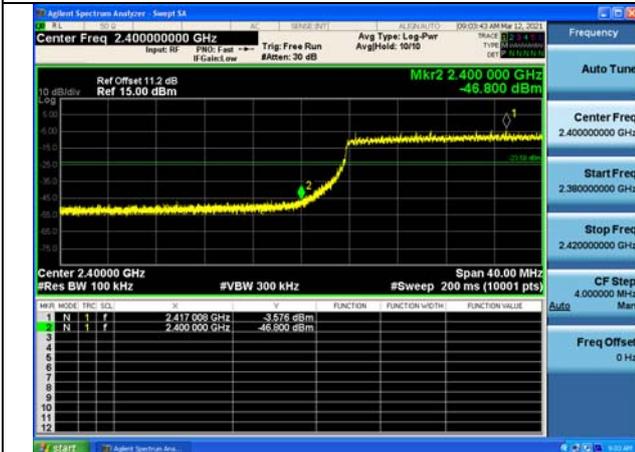
Test Mode:802. 11n HT20 Ant8 CH11



Test Mode:802. 11n HT40

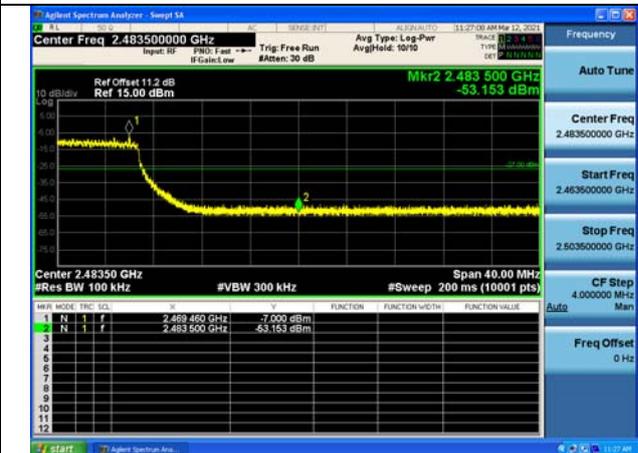
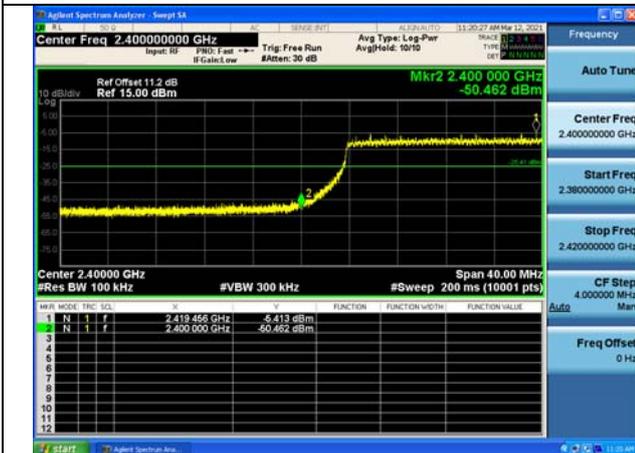
Test Mode:802. 11n HT40 Ant7 CH3

Test Mode:802. 11n HT40 Ant7 CH9



Test Mode:802. 11n HT40 Ant8 CH3

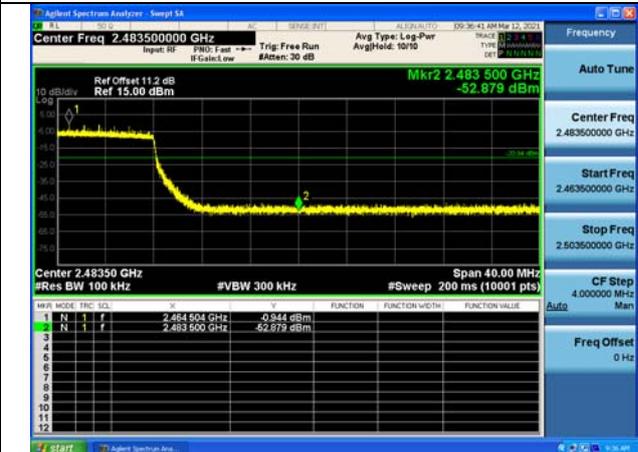
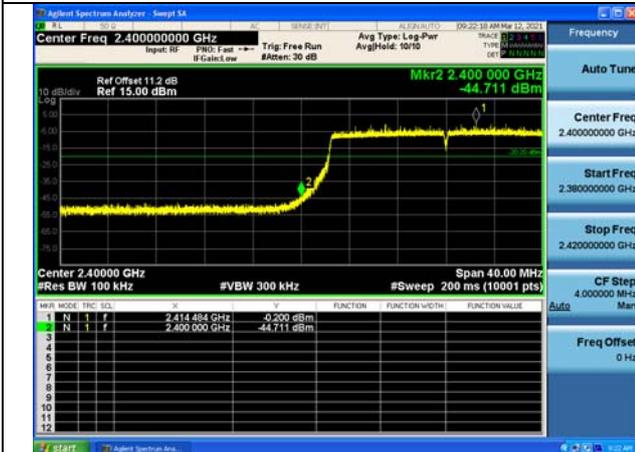
Test Mode:802. 11n HT40 Ant8 CH9



Test Mode:802.11ax HE20(242)

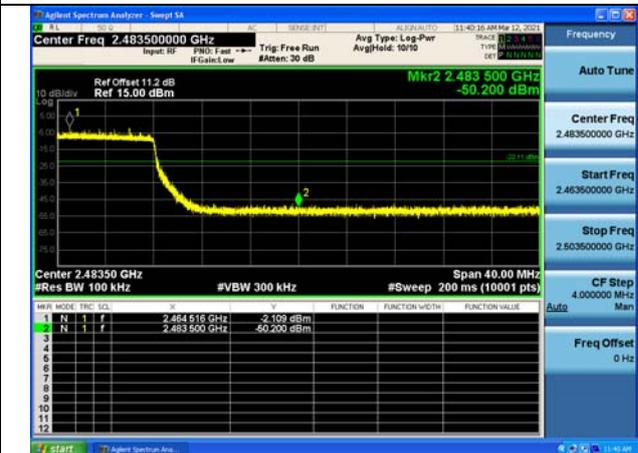
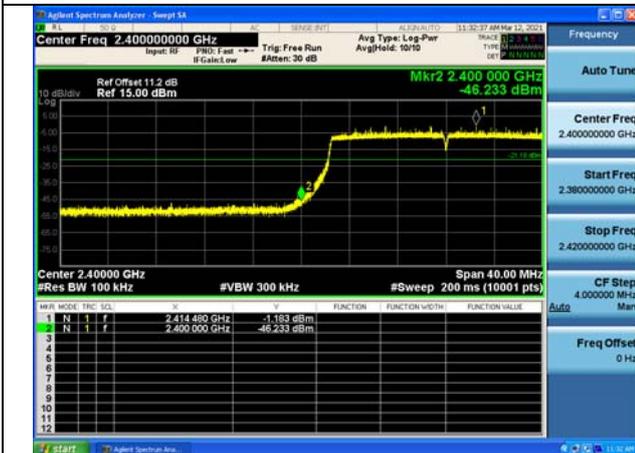
Test Mode:802.11ax HE20 Ant7 CH1

Test Mode:802.11ax HE20 Ant7 CH11



Test Mode:802.11ax HE20 Ant8 CH1

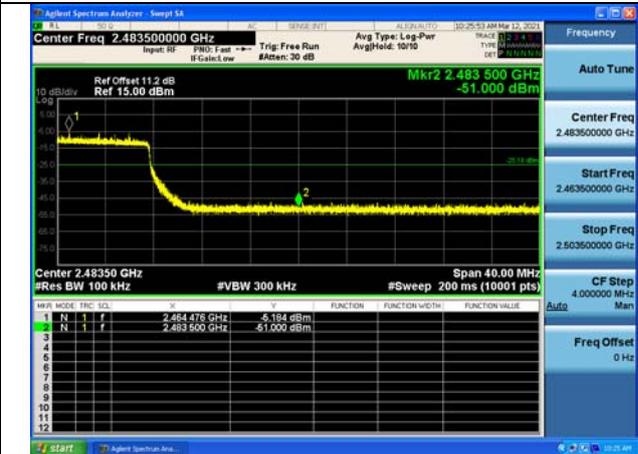
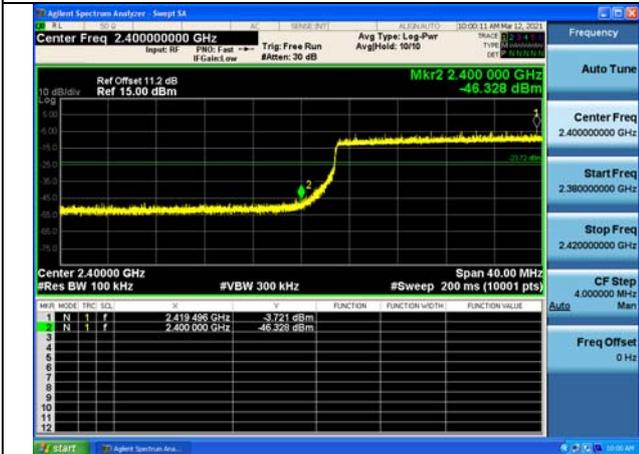
Test Mode:802.11ax HE20 Ant8 CH11



Test Mode:802.11ax HE40(484)

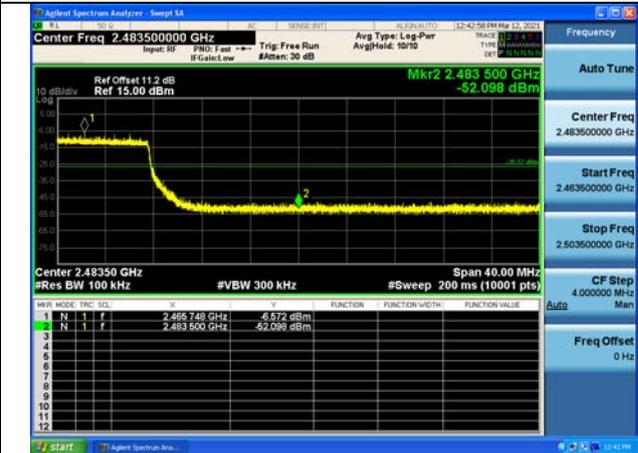
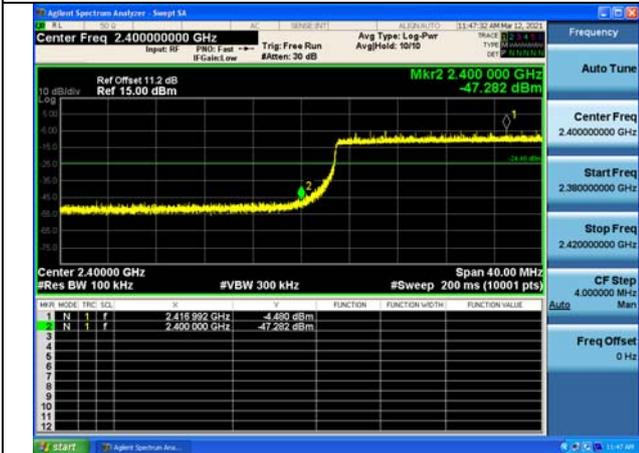
Test Mode:802.11ax HE40 Ant7 CH3

Test Mode:802.11ax HE40 Ant7 CH9



Test Mode:802.11ax HE40 Ant8 CH3

Test Mode:802.11ax HE40 Ant8 CH9



## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

### **Radiated Emission Band Edge**

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (91.40 dBuV/m) = (57.40 dBuV) + (8.90 dB) + (25.10 dB/m), the corresponding frequency is 2412MHz.

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

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 91.40                  | 57.40                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 46.54                  | 12.54                | -27.46          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 89.09                  | 55.09                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 45.03                  | 11.03                | -28.97          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 87.26                  | 53.26                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 35.86                  | 1.86                 | -18.14          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11b  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 84.95                  | 50.95                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 34.54                  | 0.54                 | -19.46          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11b  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 90.02                  | 56.02                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 46.68                  | 12.68                | -27.32          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11b  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 87.99                  | 53.99                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 44.82                  | 10.82                | -29.18          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11b  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 87.62                  | 53.62                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 35.54                  | 1.54                 | -18.46          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11b  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 85.19                  | 51.19                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 34.57                  | 0.57                 | -19.43          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 91.70                  | 57.70                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 45.30                  | 11.30                | -28.70          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 89.57                  | 55.57                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 42.81                  | 8.81                 | -31.19          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 87.84                  | 53.84                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 36.19                  | 2.19                 | -17.81          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 85.33                  | 51.33                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 35.45                  | 1.45                 | -18.55          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 91.38                  | 57.38                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 45.78                  | 11.78                | -28.22          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 89.29                  | 55.29                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 43.78                  | 9.78                 | -30.22          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 88.76                  | 54.76                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 35.47                  | 1.47                 | -18.53          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11g  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 86.68                  | 52.68                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 33.97                  | -0.03                | -20.03          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 91.22                  | 57.22                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 46.50                  | 12.50                | -27.50          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 89.16                  | 55.16                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 44.24                  | 10.24                | -29.76          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 87.95                  | 53.95                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 36.41                  | 2.41                 | -17.59          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 85.49                  | 51.49                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 35.05                  | 1.05                 | -18.95          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 91.44                  | 57.44                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 45.83                  | 11.83                | -28.17          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 88.70                  | 54.70                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 44.27                  | 10.27                | -29.73          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 88.91                  | 54.91                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 36.91                  | 2.91                 | -17.09          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 85.97                  | 51.97                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 35.48                  | 1.48                 | -18.52          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 91.29                  | 57.29                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 45.16                  | 11.16                | -28.84          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 89.06                  | 55.06                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 43.61                  | 9.61                 | -30.39          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 87.13                  | 53.13                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 36.15                  | 2.15                 | -17.85          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2412  
Channel No.:1  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2412            | 84.82                  | 50.82                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2390            | 35.38                  | 1.38                 | -18.62          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 90.25                  | 56.25                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 45.58                  | 11.58                | -28.42          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 87.69                  | 53.69                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 42.90                  | 8.90                 | -31.10          | 74.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 89.10                  | 55.10                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 35.30                  | 1.30                 | -18.70          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2462  
Channel No.:11  
Test Mode: 802.11ax(HE20)  
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/m) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|-----------------------|
| 1  | 2462            | 86.49                  | 52.49                | N/A             | N/A            | 8.90            | 25.10                 |
| 2  | 2483.5          | 33.50                  | -0.50                | -20.50          | 54.00          | 8.90            | 25.10                 |

Carrier frequency (MHz): 2422  
Channel No.:3  
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  | 2422            | 91.85                  | 57.85                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 45.24                  | 11.24                | -28.76          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
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  | 2422            | 89.84                  | 55.84                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 43.95                  | 9.95                 | -30.05          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
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  | 2422            | 88.32                  | 54.32                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 36.69                  | 2.69                 | -17.31          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
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  | 2422            | 86.10                  | 52.10                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 35.36                  | 1.36                 | -18.64          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
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  | 2452            | 91.59                  | 57.59                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 46.16                  | 12.16                | -27.84          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
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  | 2452            | 89.05                  | 55.05                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 44.37                  | 10.37                | -29.63          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
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  | 2452            | 89.12                  | 55.12                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 35.42                  | 1.42                 | -18.58          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
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  | 2452            | 86.94                  | 52.94                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 33.21                  | -0.79                | -20.79          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
Test Mode: 802.11ax(HE40)  
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  | 2422            | 91.03                  | 57.03                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 46.42                  | 12.42                | -27.58          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
Test Mode: 802.11ax(HE40)  
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  | 2422            | 88.66                  | 54.66                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 44.52                  | 10.52                | -29.48          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
Test Mode: 802.11ax(HE40)  
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  | 2422            | 87.78                  | 53.78                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 35.78                  | 1.78                 | -18.22          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2422  
Channel No.:3  
Test Mode: 802.11ax(HE40)  
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  | 2422            | 85.33                  | 51.33                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2390            | 35.26                  | 1.26                 | -18.74          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
Test Mode: 802.11ax(HE40)  
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  | 2452            | 90.77                  | 56.77                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 45.02                  | 11.02                | -28.98          | 74.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
Test Mode: 802.11ax(HE40)  
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  | 2452            | 88.51                  | 54.51                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 43.68                  | 9.68                 | -30.32          | 74.00          | 8.90            | 25.10               |

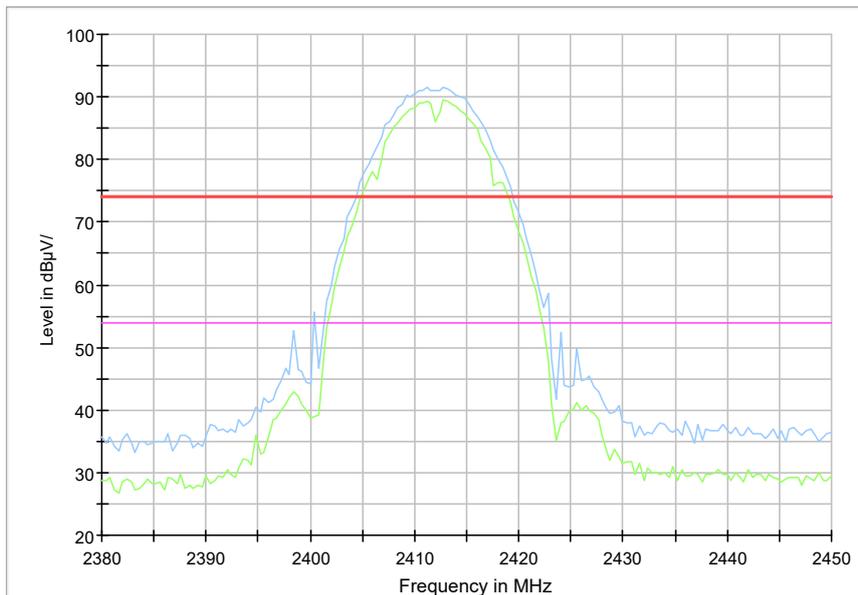
Carrier frequency (MHz): 2452  
Channel No.:9  
Test Mode: 802.11ax(HE40)  
Polarity: Vertical  
Detector: Average

| No | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | cable loss (dB) | antenna factor (dB) |
|----|-----------------|------------------------|----------------------|-----------------|----------------|-----------------|---------------------|
| 1  | 2452            | 88.35                  | 54.35                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 35.42                  | 1.42                 | -18.58          | 54.00          | 8.90            | 25.10               |

Carrier frequency (MHz): 2452  
Channel No.:9  
Test Mode: 802.11ax(HE40)  
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  | 2452            | 85.42                  | 51.42                | N/A             | N/A            | 8.90            | 25.10               |
| 2  | 2483.5          | 34.76                  | 0.76                 | -19.24          | 54.00          | 8.90            | 25.10               |

Full Spectrum



Radiated Emission Band Edge for 2412MHz

### 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:

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

Sample calculation:  $(19.55 \text{ dB}\mu\text{V/m}) = (39.90 \text{ dB}\mu\text{V}) + (-21.0 \text{ dB/m})$ , the corresponding frequency is 31.212500MHz.

The worst case attitude: The mobile lay down.

For 802.11b Channel No.:1

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 31.212500      | 19.55          | -21.0       | 39.90       | Vertical | 40.00          |
| 79.567000      | 23.63          | -24.2       | 39.60       | Vertical | 40.00          |
| 136.069500     | 22.42          | -22.2       | 48.06       | Vertical | 43.50          |
| 189.128500     | 22.72          | -19.6       | 44.76       | Vertical | 43.50          |
| 327.547500     | 14.65          | -15.1       | 25.75       | Vertical | 46.00          |
| 924.534000     | 18.57          | -3.1        | 19.26       | Vertical | 46.00          |

For 802.11g Channel No.:1

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 33.104000      | 17.86          | -20.7       | 39.96       | Vertical | 40.00          |
| 72.486000      | 22.33          | -22.4       | 40.31       | Vertical | 40.00          |
| 172.784000     | 22.14          | -21.2       | 47.99       | Vertical | 43.50          |
| 173.317500     | 22.08          | -21.2       | 44.74       | Vertical | 43.50          |
| 329.924000     | 14.00          | -15.0       | 25.91       | Vertical | 46.00          |
| 955.865000     | 18.86          | -2.9        | 19.22       | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:1

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 34.607500      | 18.38          | -20.5       | 39.82       | Vertical | 40.00          |
| 80.343000      | 23.67          | -24.2       | 40.01       | Vertical | 40.00          |
| 140.143500     | 22.41          | -22.3       | 47.51       | Vertical | 43.50          |
| 189.225500     | 22.58          | -19.6       | 44.70       | Vertical | 43.50          |
| 340.933500     | 13.73          | -14.4       | 25.73       | Vertical | 46.00          |
| 899.702000     | 18.26          | -3.2        | 19.26       | Vertical | 46.00          |

For 802.11ax(HE20) Channel No.:1

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 33.492000      | 18.59          | -20.7       | 39.73       | Vertical | 40.00          |
| 78.112000      | 23.95          | -23.9       | 39.57       | Vertical | 40.00          |
| 173.123500     | 22.17          | -21.2       | 47.93       | Vertical | 43.50          |
| 173.608500     | 21.19          | -21.2       | 44.75       | Vertical | 43.50          |
| 326.965500     | 14.73          | -15.1       | 26.15       | Vertical | 46.00          |
| 921.236000     | 18.61          | -3.1        | 19.53       | Vertical | 46.00          |

For 802.11b Channel No.:6

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 33.928500      | 19.15          | -20.6       | 39.95       | Vertical | 40.00          |
| 78.403000      | 23.95          | -24.0       | 39.79       | Vertical | 40.00          |
| 136.118000     | 22.47          | -22.2       | 48.03       | Vertical | 43.50          |
| 189.274000     | 22.54          | -19.6       | 44.78       | Vertical | 43.50          |
| 327.208000     | 15.10          | -15.1       | 25.68       | Vertical | 46.00          |
| 940.927000     | 18.86          | -3.0        | 19.30       | Vertical | 46.00          |

For 802.11g Channel No.:6

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 30.145500      | 18.30          | -21.1       | 39.97       | Vertical | 40.00          |
| 78.306000      | 23.98          | -24.0       | 39.85       | Vertical | 40.00          |
| 143.587000     | 21.66          | -22.3       | 48.04       | Vertical | 43.50          |
| 175.160500     | 20.51          | -21.1       | 44.83       | Vertical | 43.50          |
| 337.441500     | 15.14          | -14.6       | 31.75       | Vertical | 46.00          |
| 928.559500     | 18.88          | -3.0        | 19.10       | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:6

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 33.783000      | 19.31          | -20.6       | 39.79       | Vertical | 40.00          |
| 78.451500      | 23.93          | -24.0       | 39.94       | Vertical | 40.00          |
| 173.026500     | 21.93          | -21.2       | 48.08       | Vertical | 43.50          |
| 174.045000     | 20.47          | -21.2       | 44.32       | Vertical | 43.50          |
| 326.674500     | 14.67          | -15.2       | 25.85       | Vertical | 46.00          |
| 926.571000     | 18.75          | -3.0        | 18.97       | Vertical | 46.00          |

For 802.11ax(HE20) Channel No.:6

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 34.268000      | 18.92          | -20.6       | 39.76       | Vertical | 40.00          |
| 73.359000      | 23.12          | -22.8       | 39.89       | Vertical | 40.00          |
| 172.735500     | 21.90          | -21.3       | 48.05       | Vertical | 43.50          |
| 173.269000     | 21.70          | -21.2       | 44.79       | Vertical | 43.50          |
| 327.353500     | 14.62          | -15.1       | 24.25       | Vertical | 46.00          |
| 912.651500     | 18.67          | -3.1        | 19.19       | Vertical | 46.00          |

For 802.11b Channel No.:11

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 31.261000      | 19.00          | -21.0       | 39.74       | Vertical | 40.00          |
| 78.160500      | 24.06          | -23.9       | 39.70       | Vertical | 40.00          |
| 136.312000     | 22.44          | -22.2       | 48.14       | Vertical | 43.50          |
| 190.147000     | 21.27          | -19.5       | 44.77       | Vertical | 43.50          |
| 327.159500     | 14.84          | -15.1       | 25.59       | Vertical | 46.00          |
| 924.825000     | 18.59          | -3.1        | 19.36       | Vertical | 46.00          |

For 802.11g Channel No.:11

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 33.831500      | 19.30          | -20.6       | 37.58       | Vertical | 40.00          |
| 78.160500      | 24.13          | -23.9       | 39.86       | Vertical | 40.00          |
| 137.621500     | 21.95          | -22.3       | 48.18       | Vertical | 43.50          |
| 174.675500     | 20.45          | -21.2       | 44.82       | Vertical | 43.50          |
| 339.090500     | 14.39          | -14.5       | 25.62       | Vertical | 46.00          |
| 951.015000     | 18.64          | -3.0        | 19.17       | Vertical | 46.00          |

For 802.11n(HT20) Channel No.:11

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | Pmea (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------|----------|----------------|
| 32.328000      | 18.28          | -20.9       | 39.69       | Vertical | 40.00          |
| 79.421500      | 23.81          | -24.2       | 39.92       | Vertical | 40.00          |
| 172.929500     | 21.48          | -21.2       | 48.16       | Vertical | 43.50          |
| 173.366000     | 20.90          | -21.2       | 44.76       | Vertical | 43.50          |
| 338.508500     | 14.82          | -14.5       | 25.88       | Vertical | 46.00          |
| 940.296500     | 18.80          | -3.0        | 19.30       | Vertical | 46.00          |

For 802.11ax(HE20) Channel No.:11

| Frequency(MHz) | Result(dBuV/m) | ARpl (dB/m) | P <sub>mea</sub> (dBuV) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-------------|-------------------------|----------|----------------|
| 31.455000      | 18.57          | -21.0       | 39.76                   | Vertical | 40.00          |
| 79.712500      | 23.96          | -24.2       | 39.99                   | Vertical | 40.00          |
| 172.638500     | 21.42          | -21.3       | 48.21                   | Vertical | 43.50          |
| 173.899500     | 20.00          | -21.2       | 44.60                   | Vertical | 43.50          |
| 326.820000     | 14.67          | -15.2       | 25.92                   | Vertical | 46.00          |
| 936.804500     | 18.83          | -3.0        | 19.00                   | Vertical | 46.00          |

For 802.11 n(HT40) Channel No.:3

| Frequency(MHz) | Result(dBuV/m) | A <sub>Rpl</sub> (dB) | P <sub>mea</sub> (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------------------|---------------------------|----------|----------------|
| 33.977000      | 19.09          | -20.6                 | 39.65                     | Vertical | 40.00          |
| 77.918000      | 23.93          | -23.9                 | 39.98                     | Vertical | 40.00          |
| 134.711500     | 22.37          | -22.2                 | 48.22                     | Vertical | 43.50          |
| 188.643500     | 22.02          | -19.6                 | 44.53                     | Vertical | 43.50          |
| 337.635500     | 15.04          | -14.6                 | 25.20                     | Vertical | 46.00          |
| 901.108500     | 18.34          | -3.1                  | 19.25                     | Vertical | 46.00          |

For 802.11 ax(HE40) Channel No.:3

| Frequency(MHz) | Result(dBuV/m) | A <sub>Rpl</sub> (dB) | P <sub>mea</sub> (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------------------|---------------------------|----------|----------------|
| 34.462000      | 18.51          | -20.6                 | 39.16                     | Vertical | 40.00          |
| 78.015000      | 24.01          | -23.9                 | 39.96                     | Vertical | 40.00          |
| 138.155000     | 22.18          | -22.3                 | 48.29                     | Vertical | 43.50          |
| 195.967000     | 21.60          | -18.9                 | 44.42                     | Vertical | 43.50          |
| 336.811000     | 15.07          | -14.6                 | 25.76                     | Vertical | 46.00          |
| 944.031000     | 18.81          | -3.0                  | 19.22                     | Vertical | 46.00          |

For 802.11 n(HT40) Channel No.:6

| Frequency(MHz) | Result(dBuV/m) | A <sub>Rpl</sub> (dB) | P <sub>mea</sub> (dBuV/m) | Polarity | Limit (dBuV/m) |
|----------------|----------------|-----------------------|---------------------------|----------|----------------|
| 31.358000      | 18.89          | -21.0                 | 39.67                     | Vertical | 40.00          |
| 78.500000      | 24.03          | -24.0                 | 39.99                     | Vertical | 40.00          |
| 171.571500     | 21.05          | -21.3                 | 47.76                     | Vertical | 43.50          |
| 173.220500     | 21.38          | -21.2                 | 44.52                     | Vertical | 43.50          |
| 338.217500     | 14.87          | -14.5                 | 25.68                     | Vertical | 46.00          |
| 935.204000     | 18.85          | -3.0                  | 19.24                     | Vertical | 46.00          |

For 802.11 ax(HE40) Channel No.:6

| Frequency(MHz) | Result(dBuV/m) | A <sub>Rpl</sub><br>(dB) | P <sub>mea</sub><br>(dBuV/m) | Polarity | Limit<br>(dBuV/m) |
|----------------|----------------|--------------------------|------------------------------|----------|-------------------|
| 34.268000      | 19.06          | -20.6                    | 39.43                        | Vertical | 40.00             |
| 79.130500      | 23.73          | -24.1                    | 39.99                        | Vertical | 40.00             |
| 136.748500     | 22.15          | -22.2                    | 48.15                        | Vertical | 43.50             |
| 188.595000     | 22.06          | -19.6                    | 44.52                        | Vertical | 43.50             |
| 326.286500     | 14.75          | -15.2                    | 23.53                        | Vertical | 46.00             |
| 954.749500     | 18.72          | -2.9                     | 19.08                        | Vertical | 46.00             |

For 802.11 n(HT40) Channel No.:9

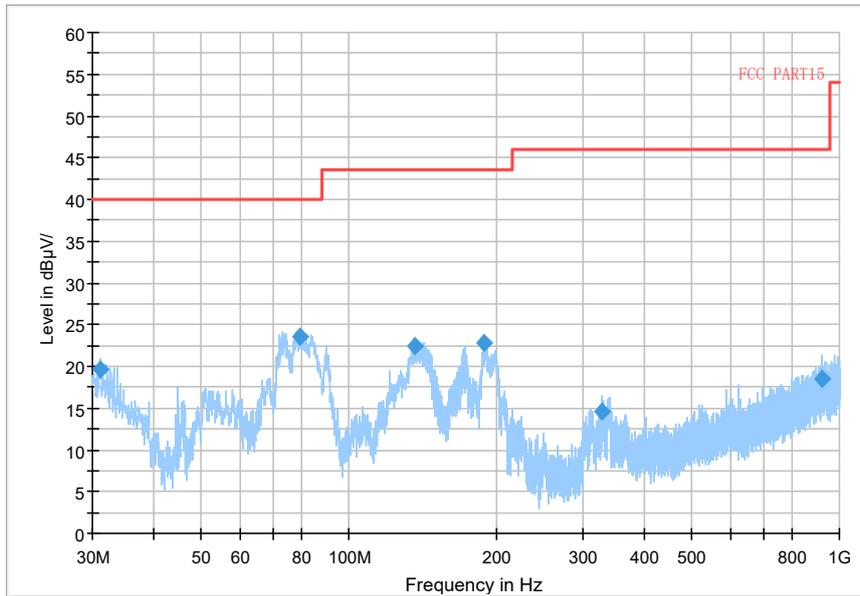
| Frequency(MHz) | Result(dBuV/m) | A <sub>Rpl</sub><br>(dB) | P <sub>mea</sub><br>(dBuV/m) | Polarity | Limit<br>(dBuV/m) |
|----------------|----------------|--------------------------|------------------------------|----------|-------------------|
| 33.492000      | 18.75          | -20.6                    | 39.14                        | Vertical | 40.00             |
| 78.354500      | 24.11          | -24.1                    | 39.82                        | Vertical | 40.00             |
| 134.372000     | 22.23          | -22.2                    | 47.64                        | Vertical | 43.50             |
| 188.886000     | 22.13          | -19.6                    | 44.34                        | Vertical | 43.50             |
| 326.626000     | 14.61          | -15.2                    | 25.76                        | Horizon  | 46.00             |
| 887.625500     | 17.93          | -2.9                     | 19.17                        | Vertical | 46.00             |

For 802.11 ax(HE40) Channel No.:9

| Frequency(MHz) | Result(dBuV/m) | A <sub>Rpl</sub><br>(dB) | P <sub>mea</sub><br>(dBuV/m) | Polarity | Limit<br>(dBuV/m) |
|----------------|----------------|--------------------------|------------------------------|----------|-------------------|
| 31.018500      | 18.25          | -21.0                    | 39.46                        | Vertical | 40.00             |
| 79.421500      | 23.88          | -24.2                    | 39.98                        | Vertical | 40.00             |
| 173.172000     | 21.48          | -21.2                    | 48.10                        | Vertical | 43.50             |
| 173.220500     | 21.43          | -21.2                    | 44.38                        | Vertical | 43.50             |
| 335.210500     | 14.65          | -14.7                    | 25.67                        | Horizon  | 46.00             |
| 923.030500     | 18.60          | -3.1                     | 19.00                        | Vertical | 46.00             |

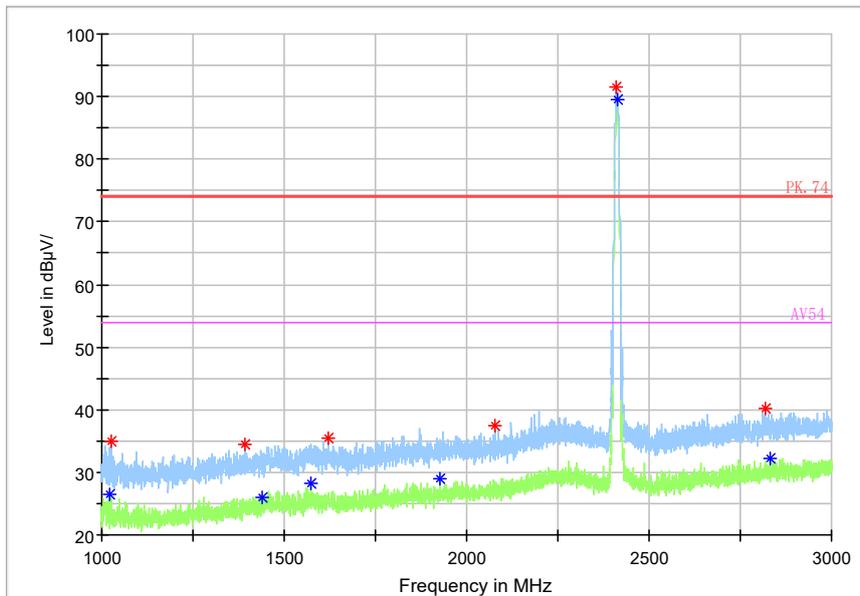
Carrier frequency (MHz): 2412  
Channel No.:1

Full Spectrum



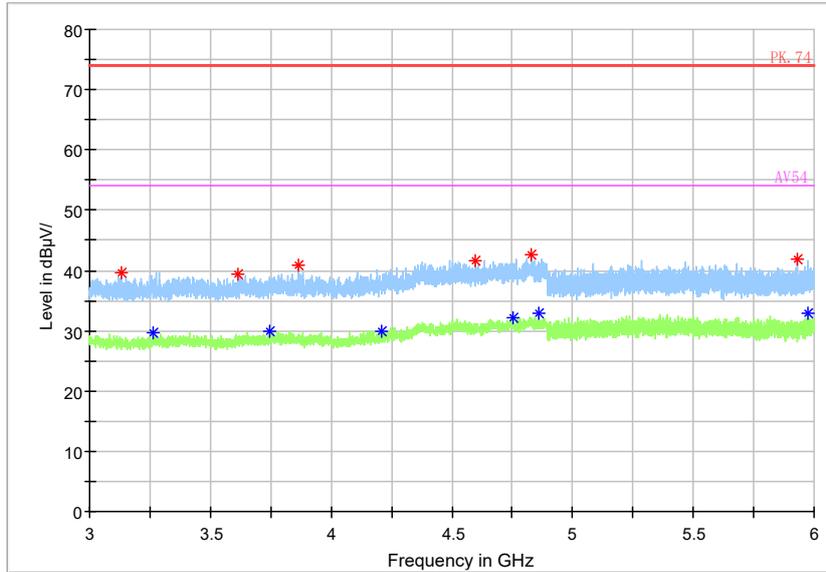
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11b

Full Spectrum



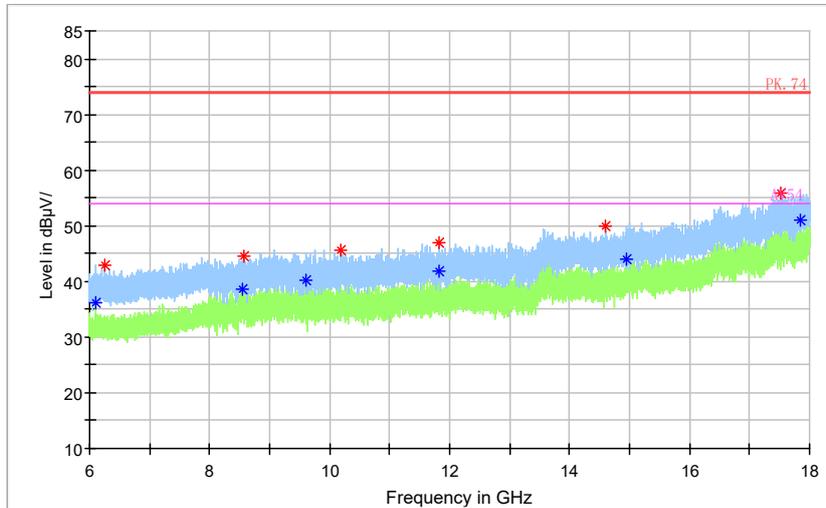
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

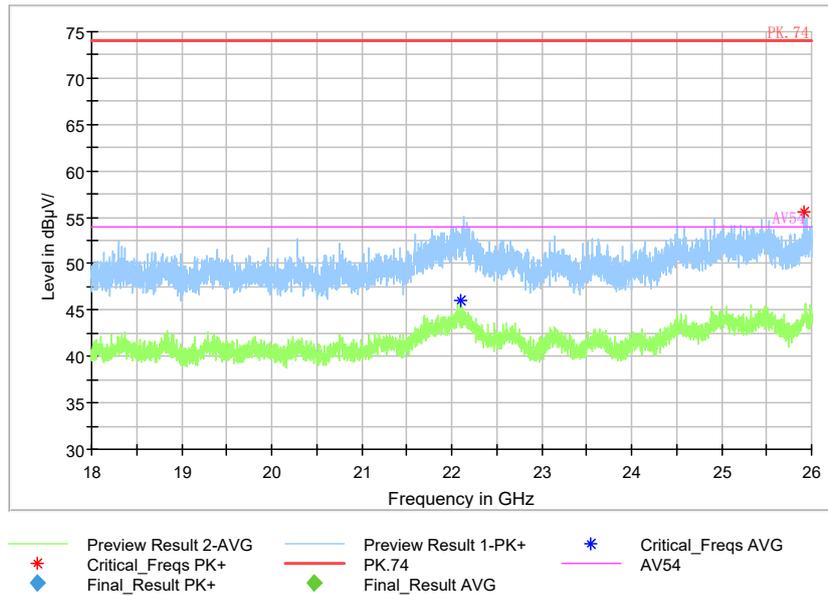
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     — AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

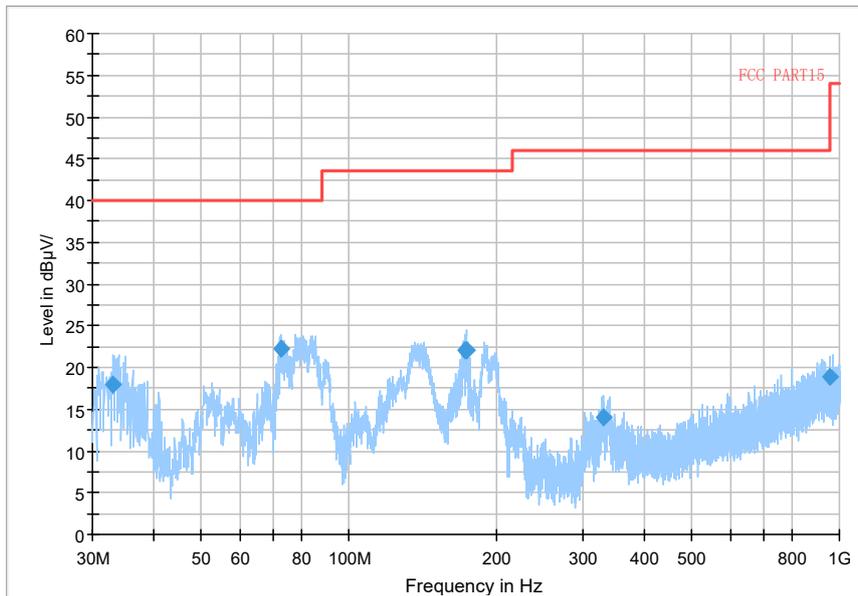
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



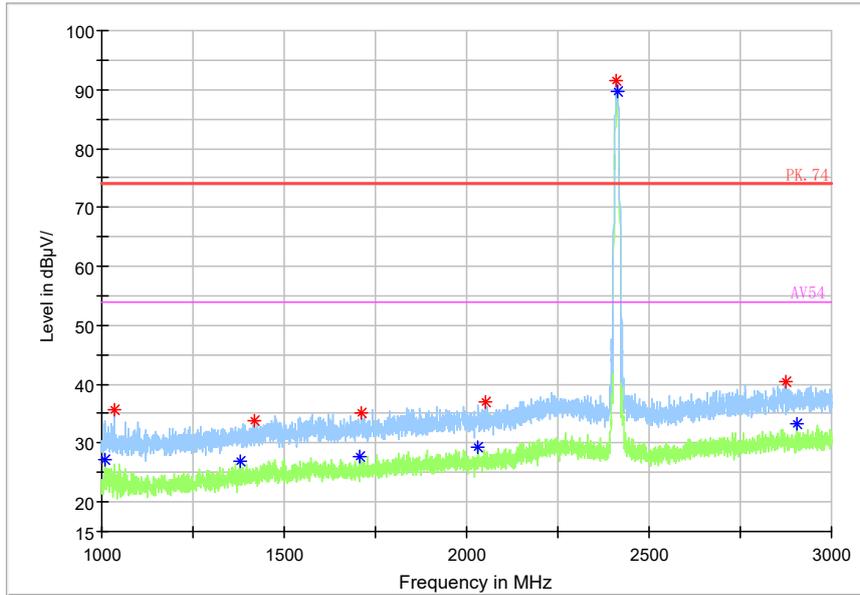
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



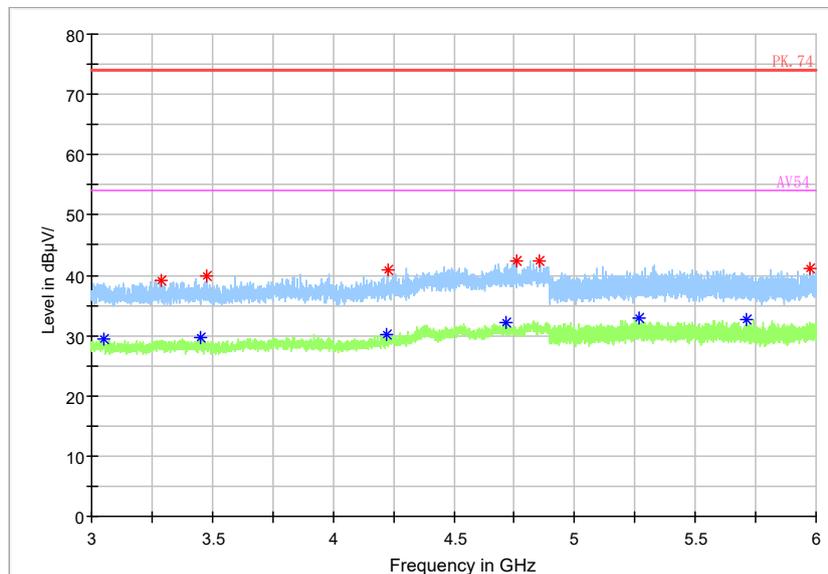
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Modulation type: 802.11g

Full Spectrum



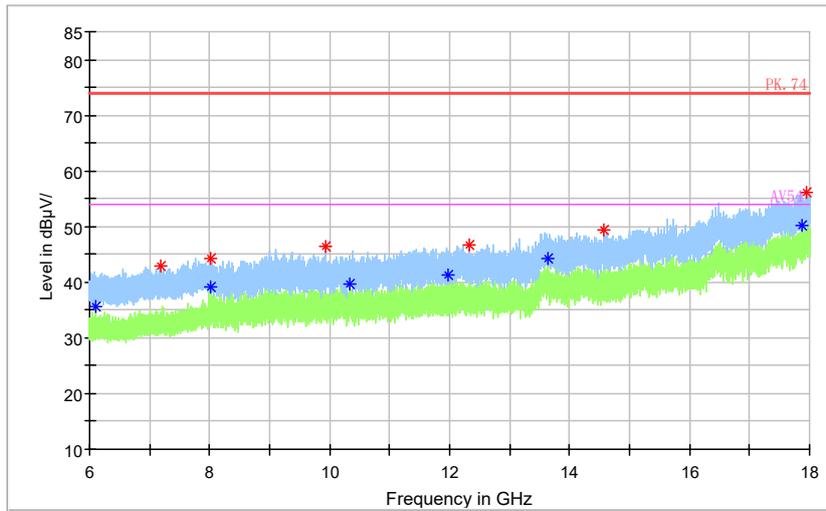
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11g

Full Spectrum



Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11g

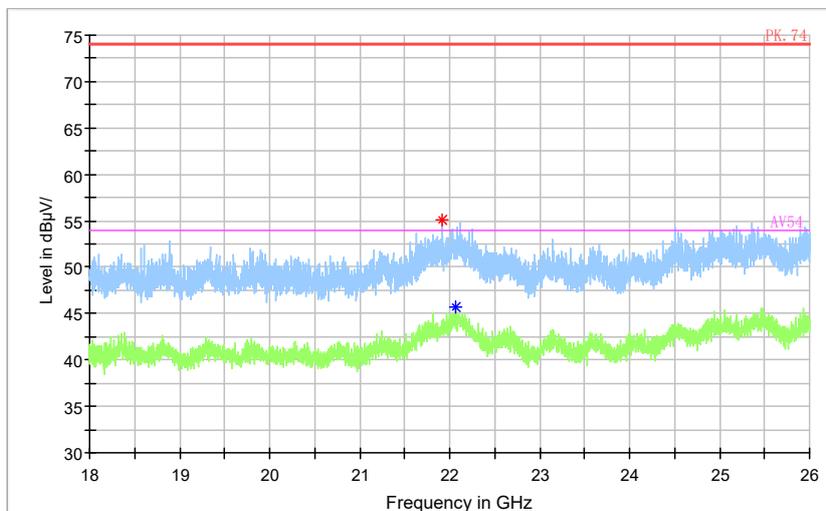
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     — AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

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

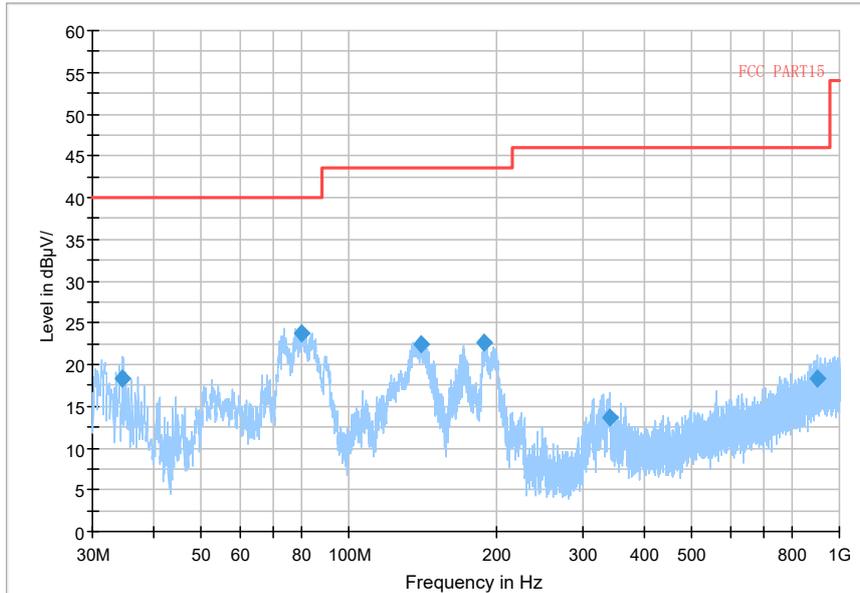
Full Spectrum



— Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     — PK.74     — AV54  
◆ Final\_Result PK+     ◆ Final\_Result AVG

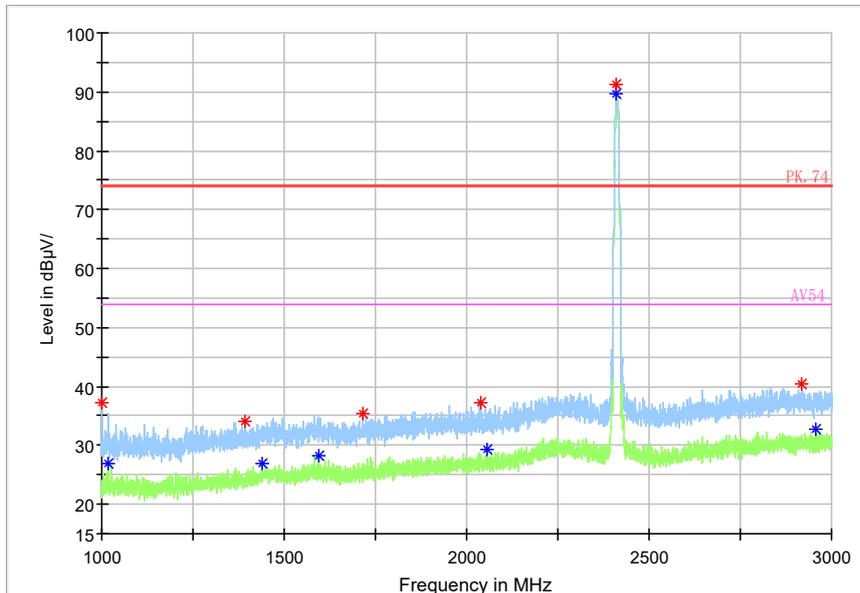
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11g

Full Spectrum



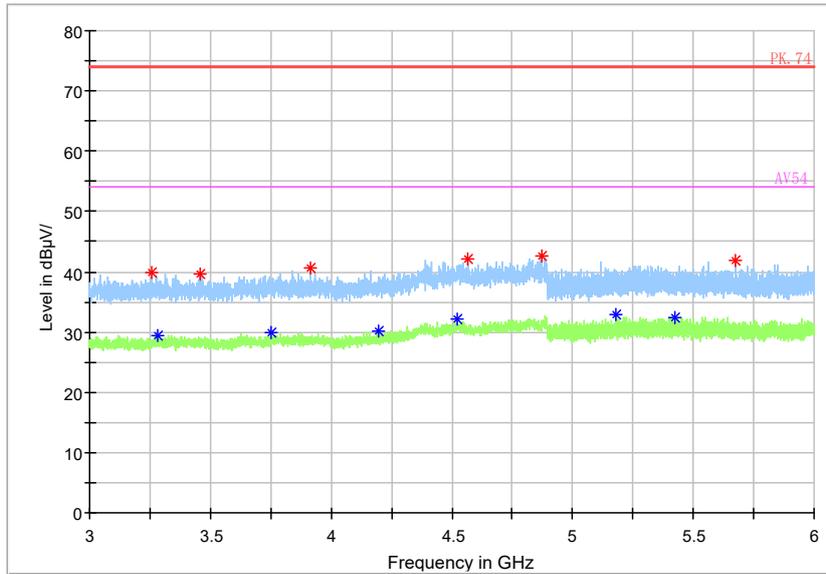
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11n(HT20)

Full Spectrum



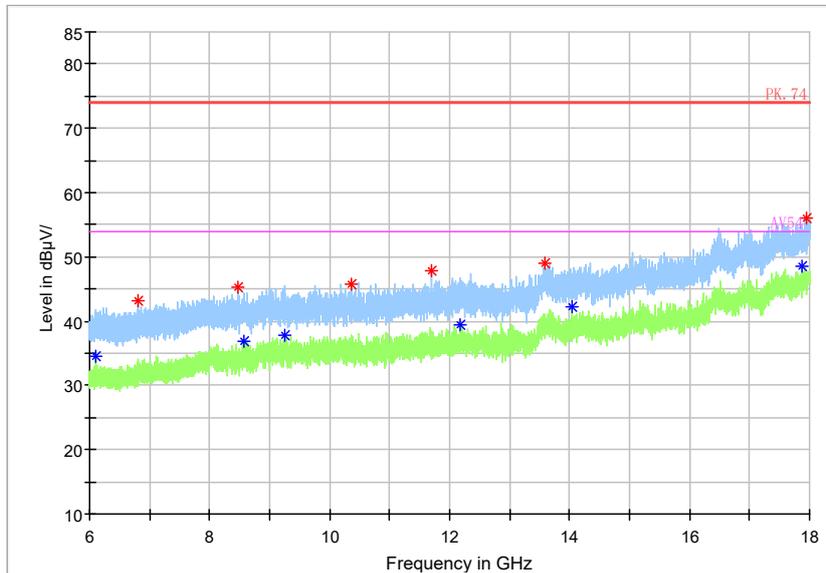
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



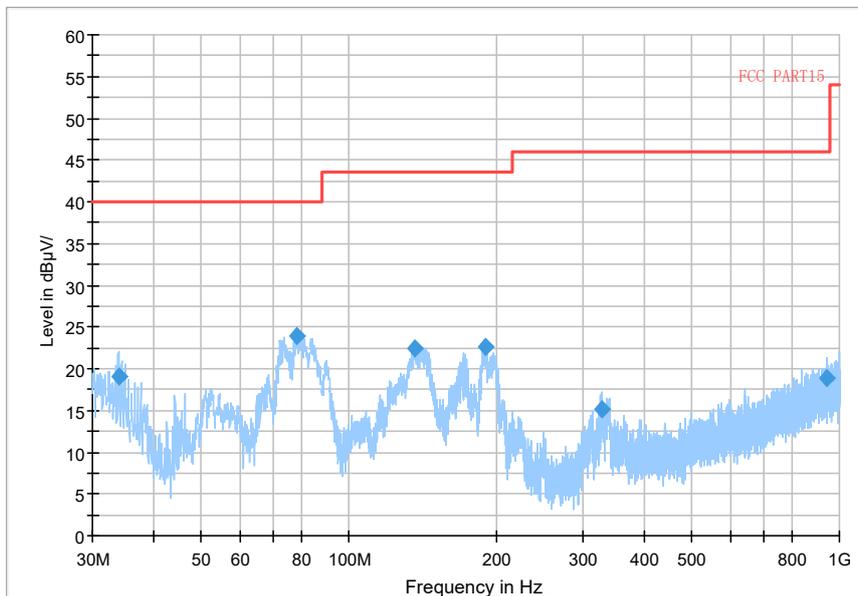
Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



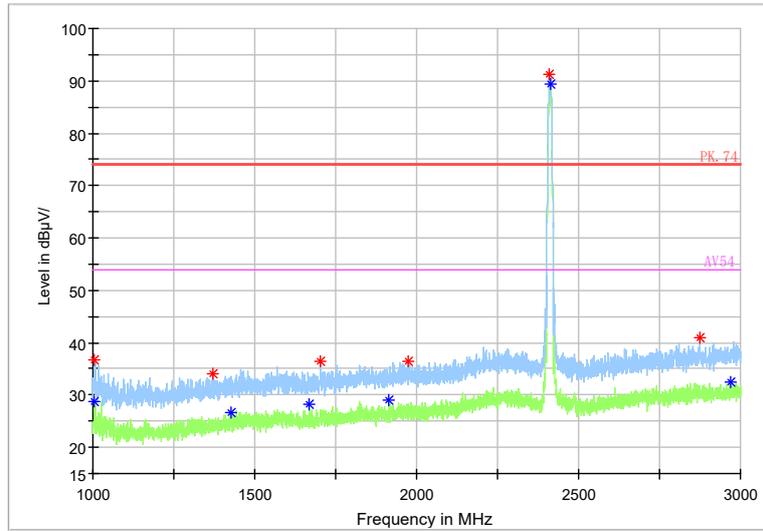
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



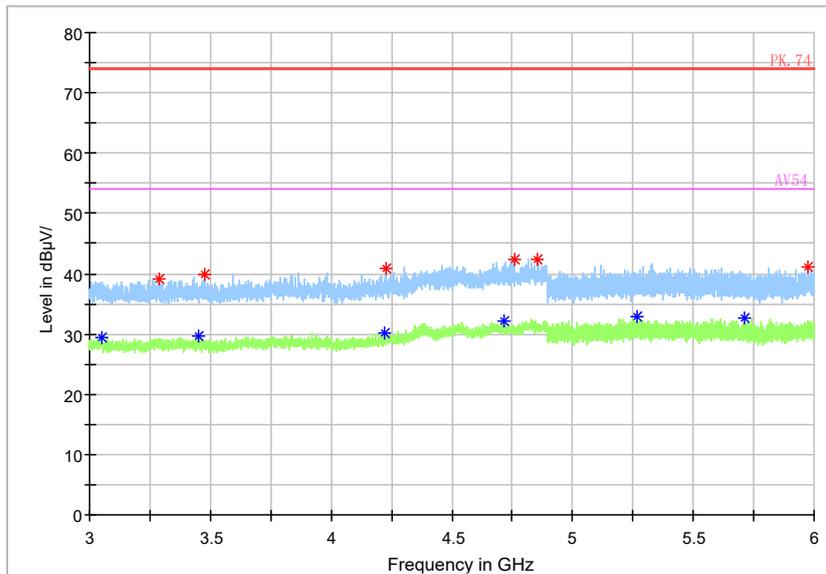
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Modulation type: 802.11 ax(HE20)

Full Spectrum



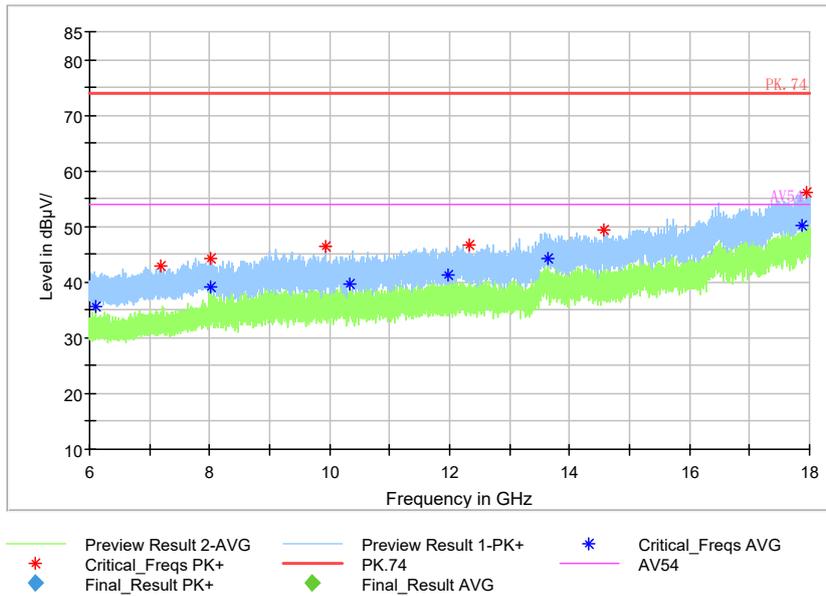
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

Full Spectrum



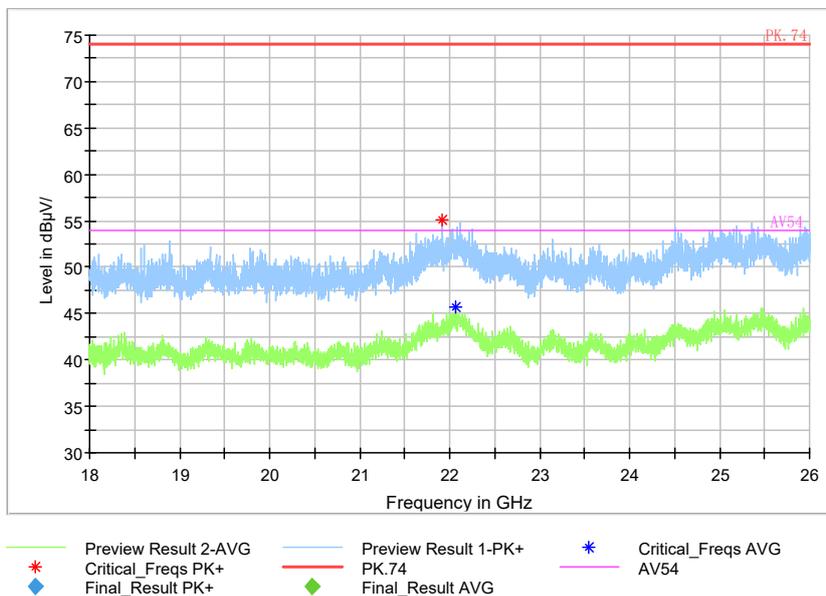
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

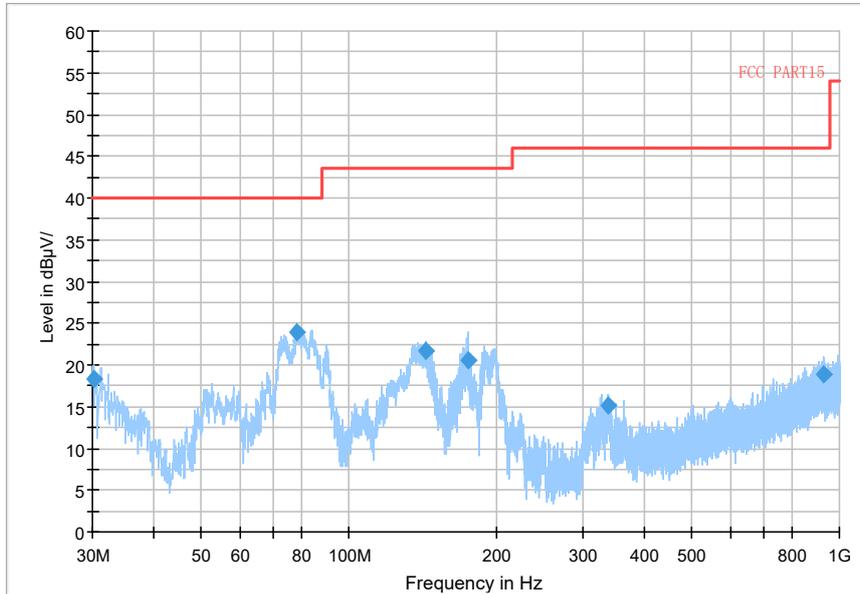
Full Spectrum



Frequency Range: 18GHz-26GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

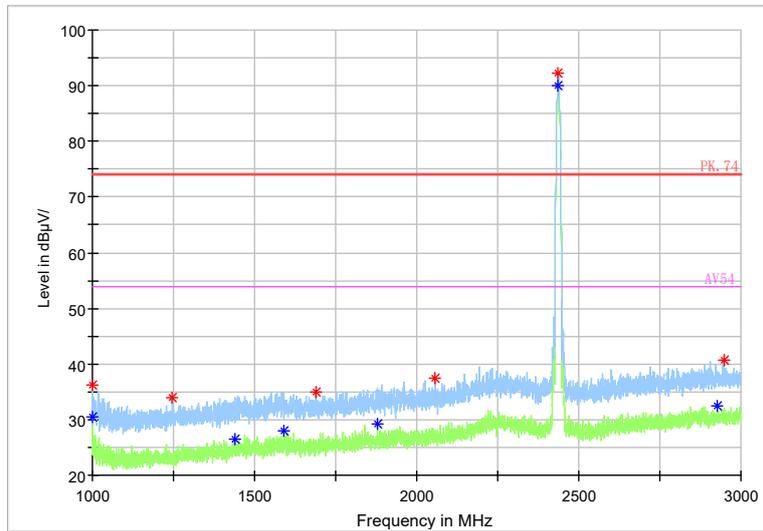
Carrier frequency (MHz): 2437  
 Channel No.:6

Full Spectrum



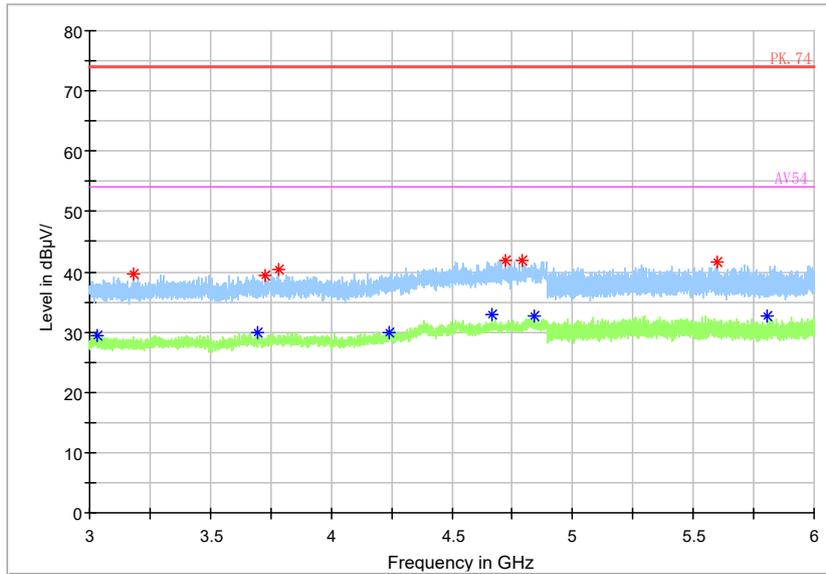
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11b

Full Spectrum



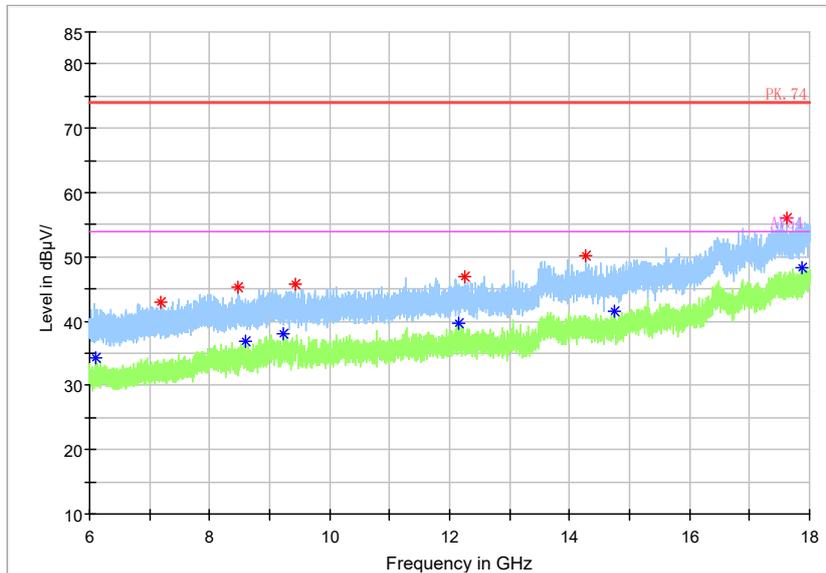
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11b

Full Spectrum



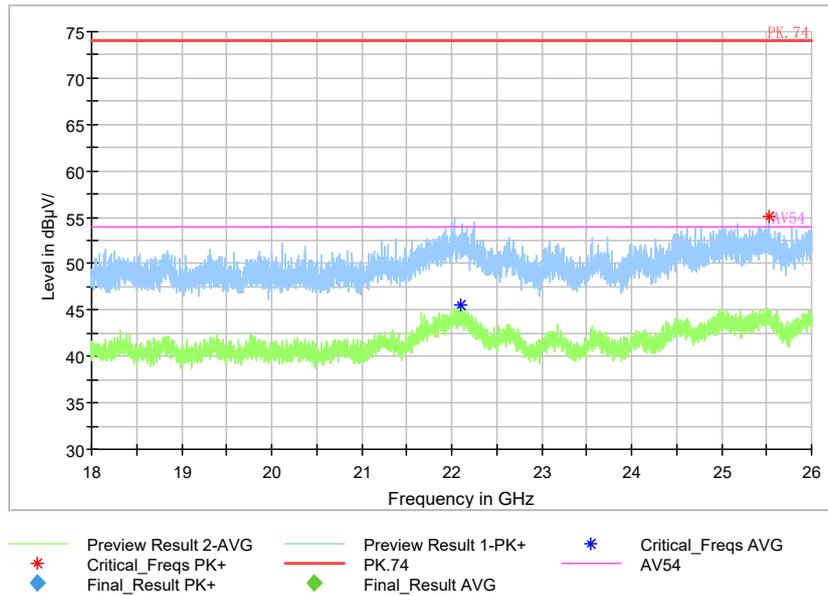
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11b

Full Spectrum



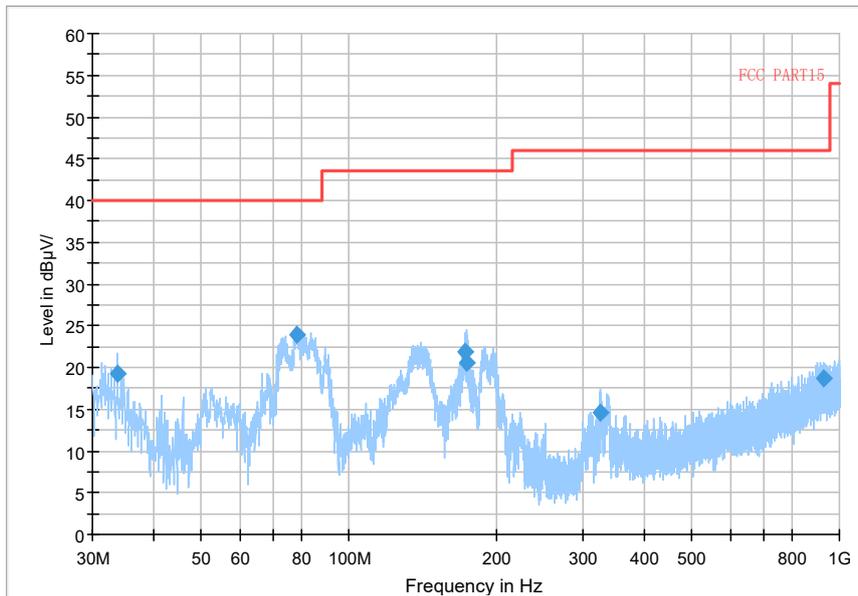
Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11b

Full Spectrum



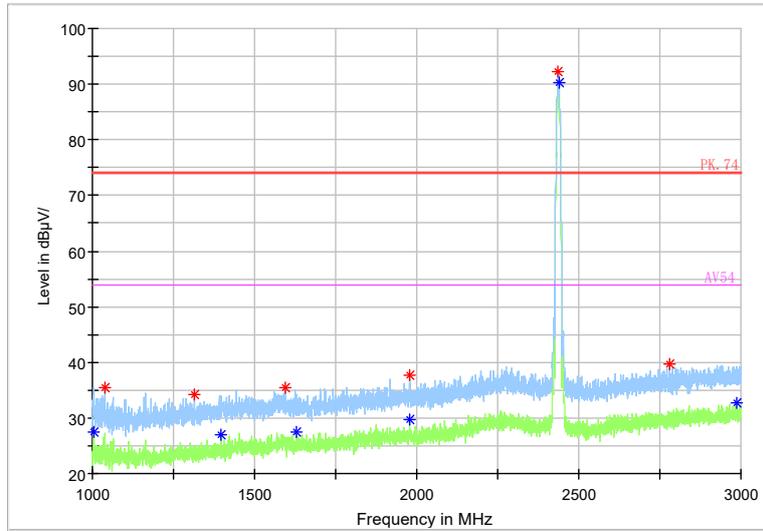
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



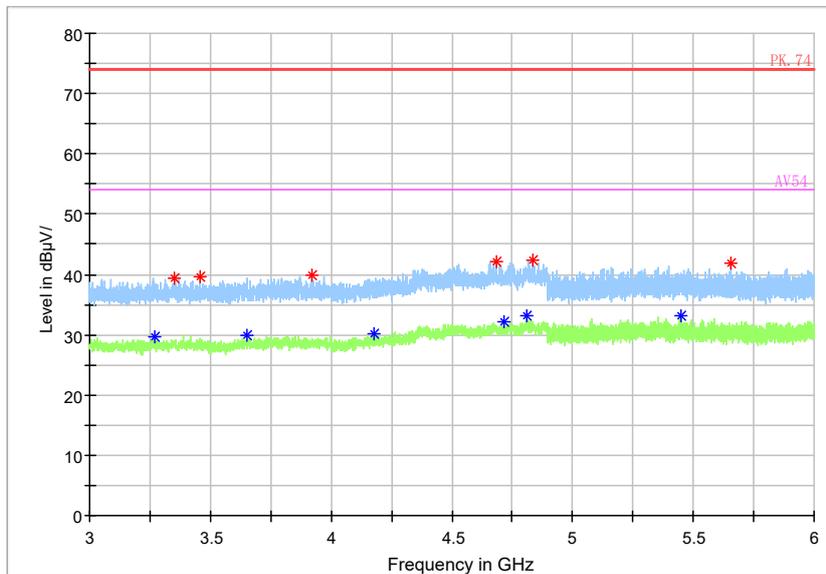
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Modulation type: 802.11g

Full Spectrum



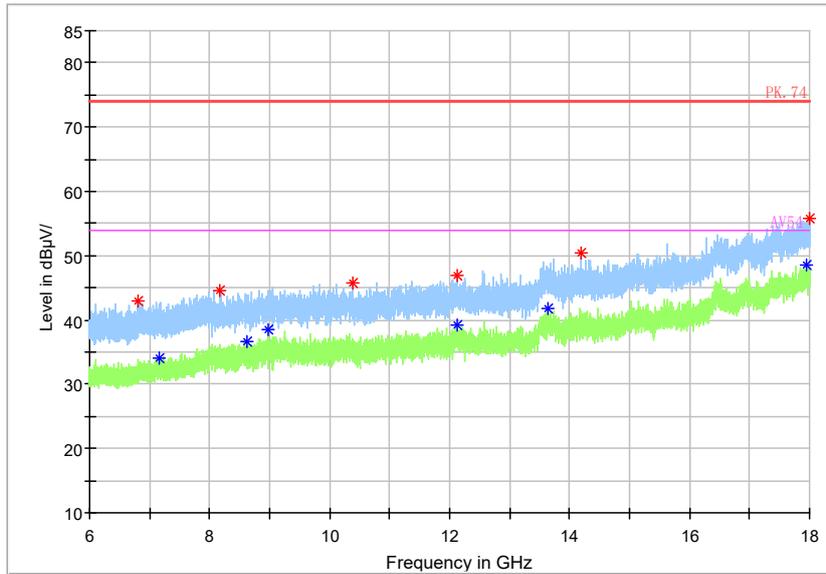
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11g

Full Spectrum



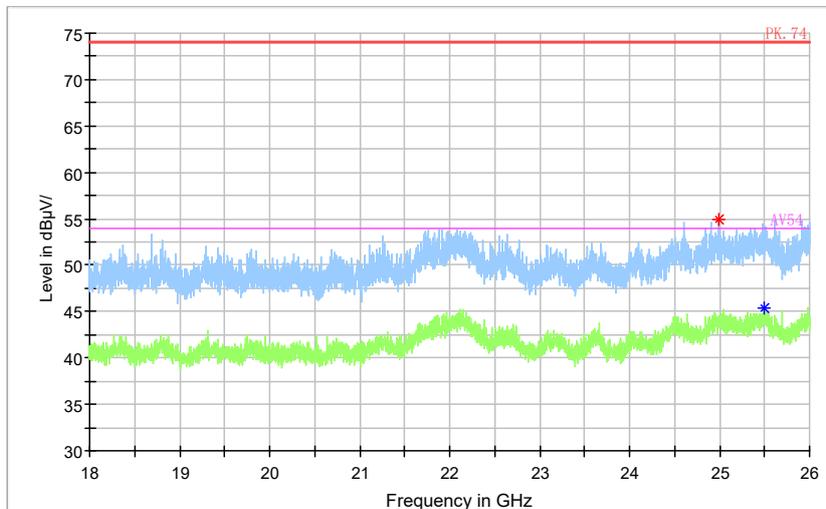
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11g

Full Spectrum



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

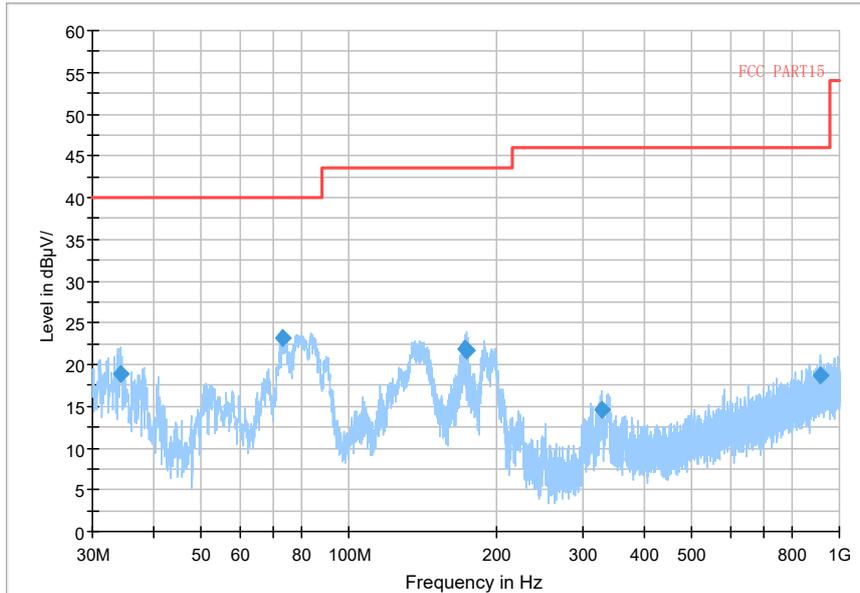
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- PK.74
- Critical\_Freqs AVG AV54
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG

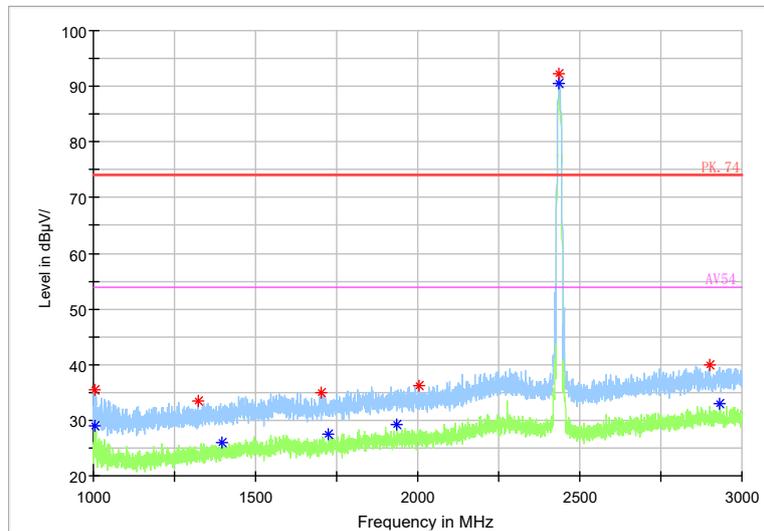
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11g

Full Spectrum



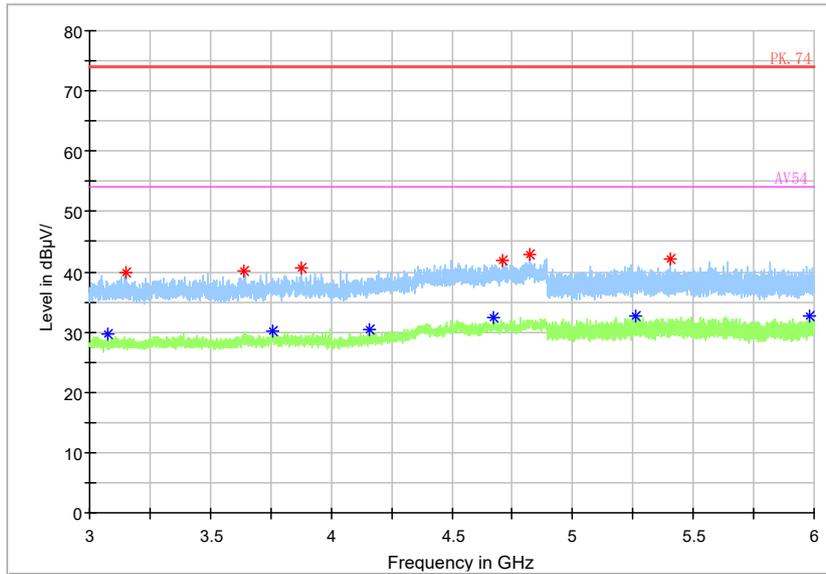
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



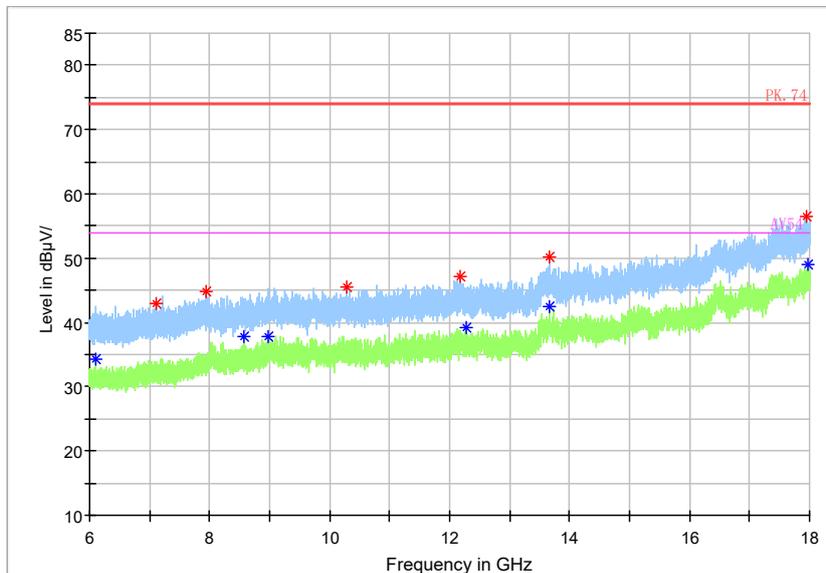
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



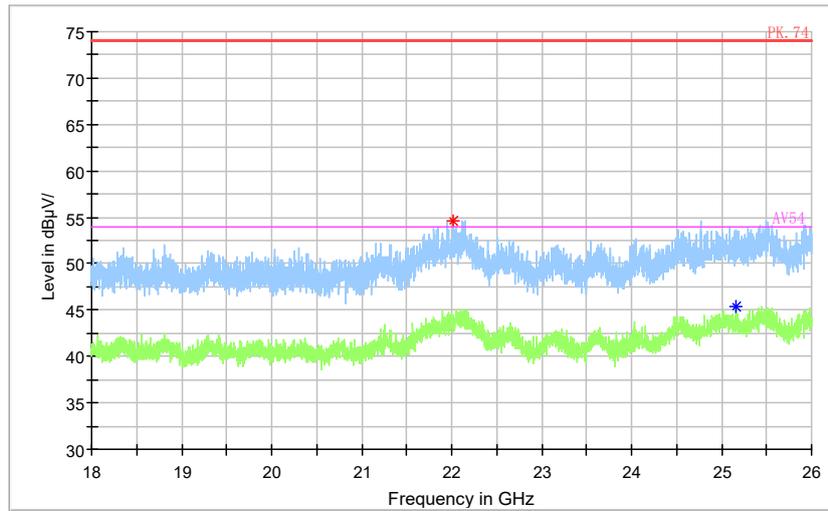
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

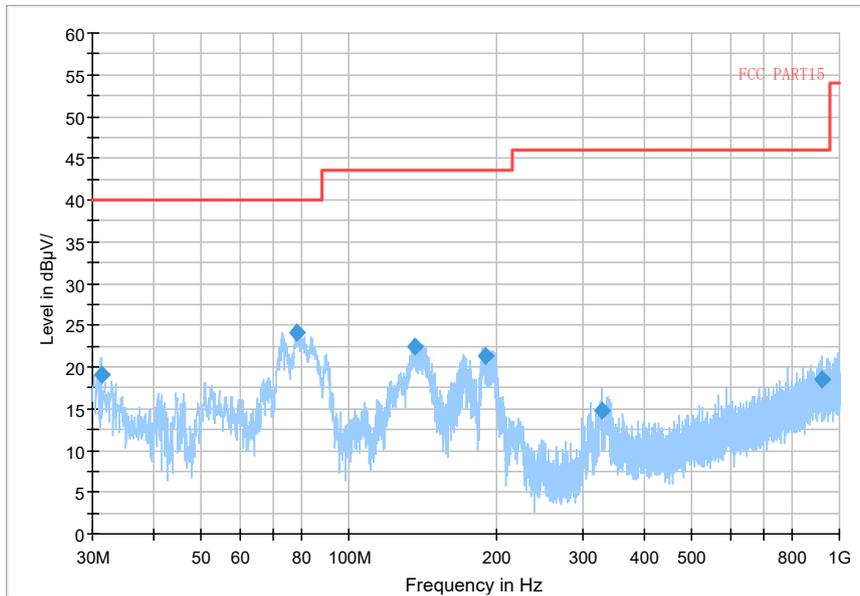
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- AV54
- PK.74

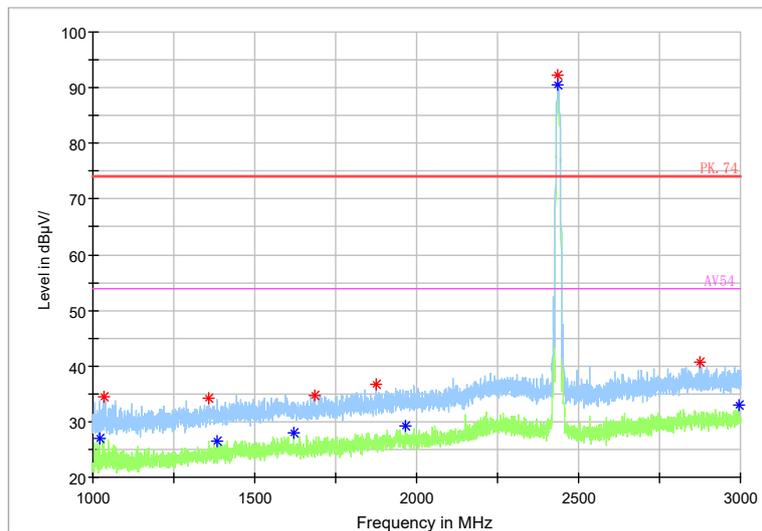
Frequency Range: 18GHz-26GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



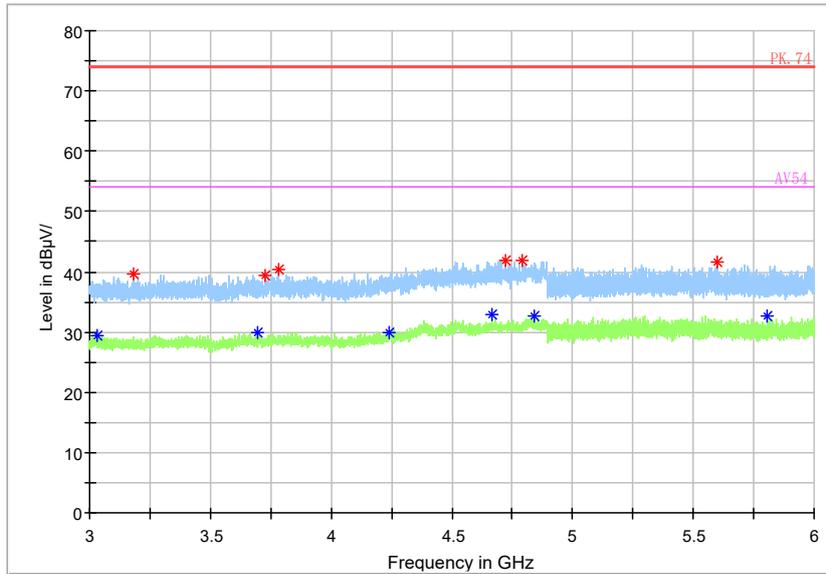
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11 ax(HE20)

Full Spectrum



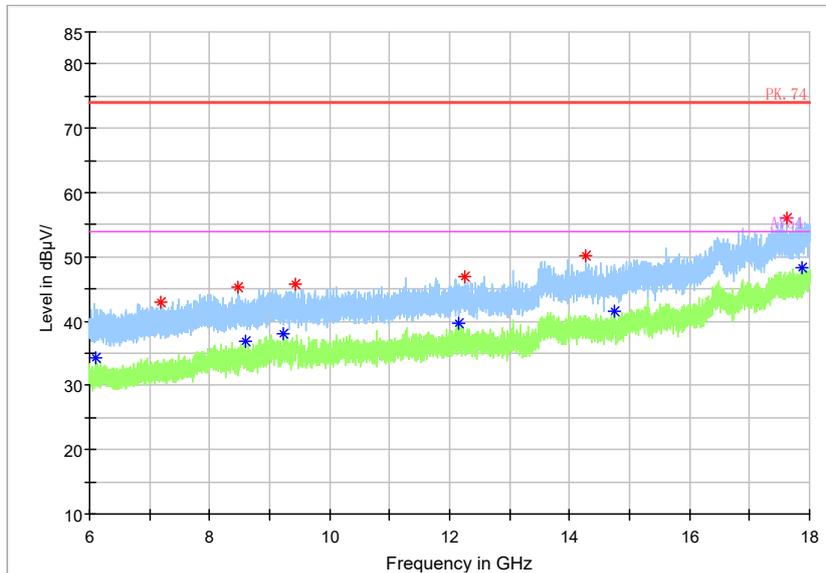
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE20)

Full Spectrum



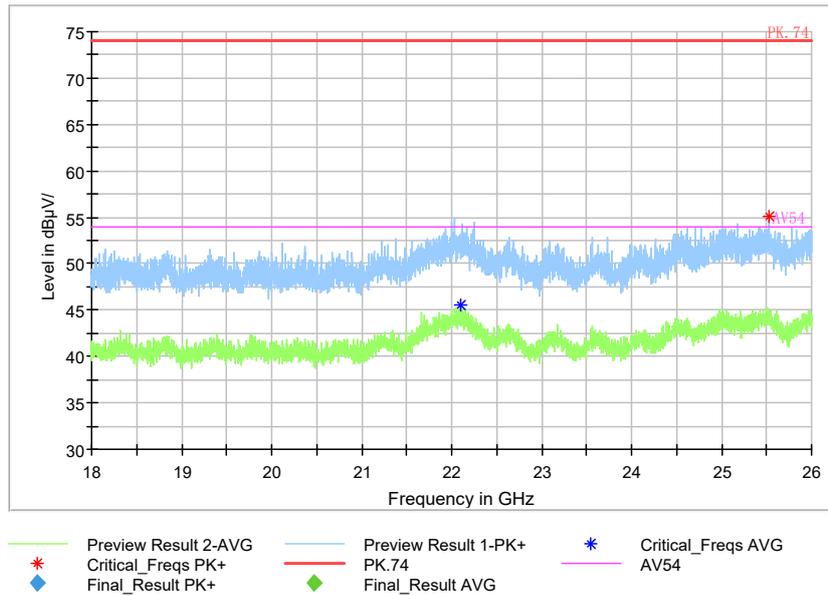
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

Full Spectrum



Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

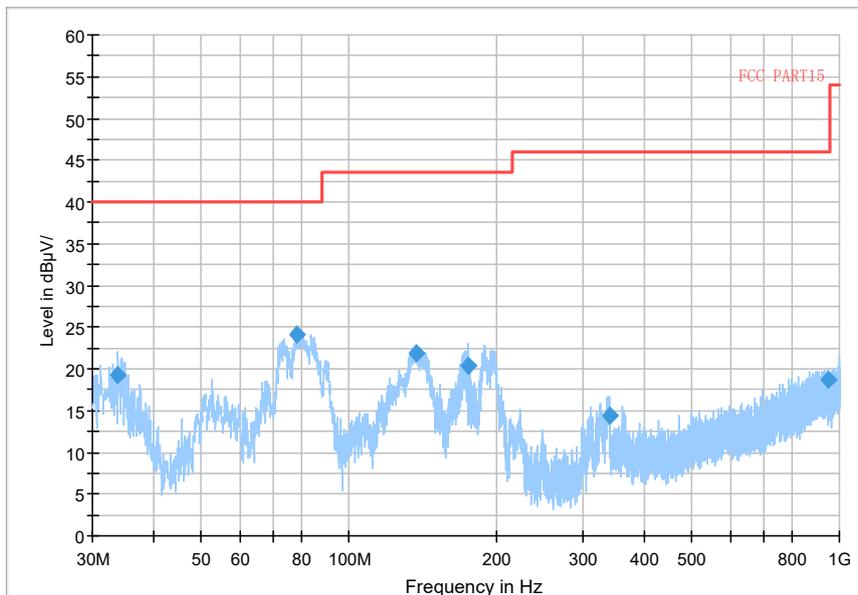
Full Spectrum



Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11ax(HE20)

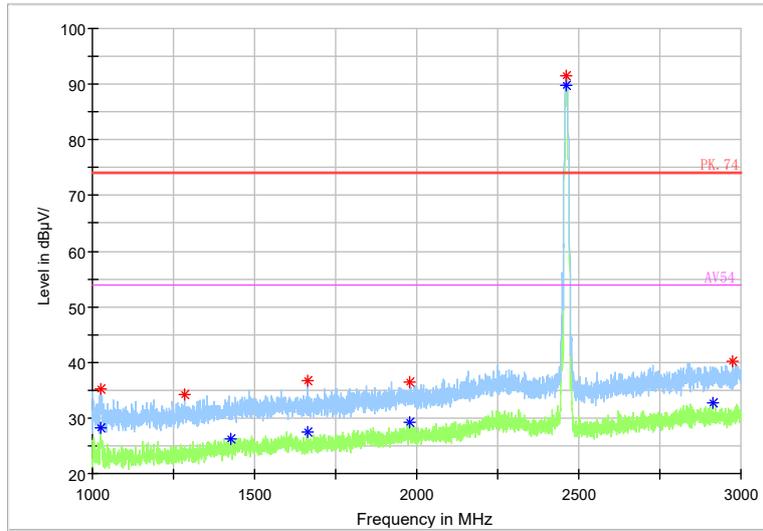
Carrier frequency (MHz): 2462  
Channel No.:11

Full Spectrum



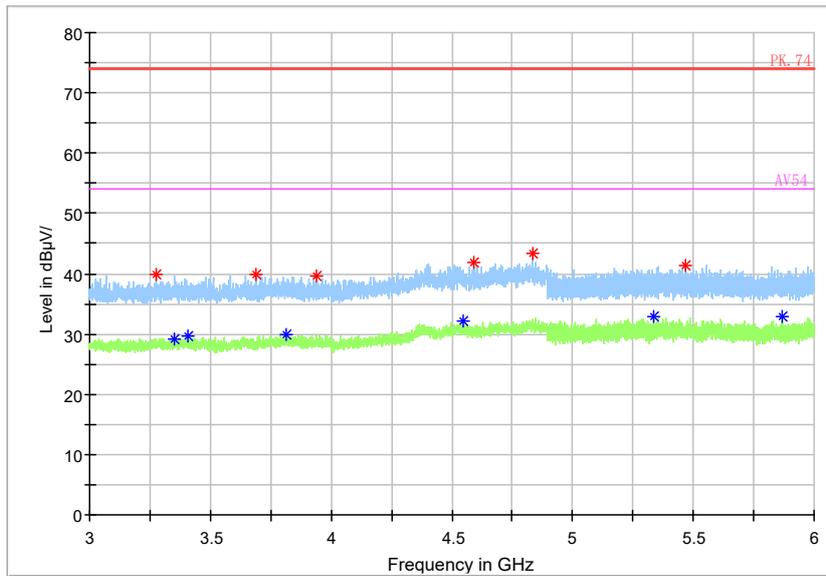
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11b

Full Spectrum



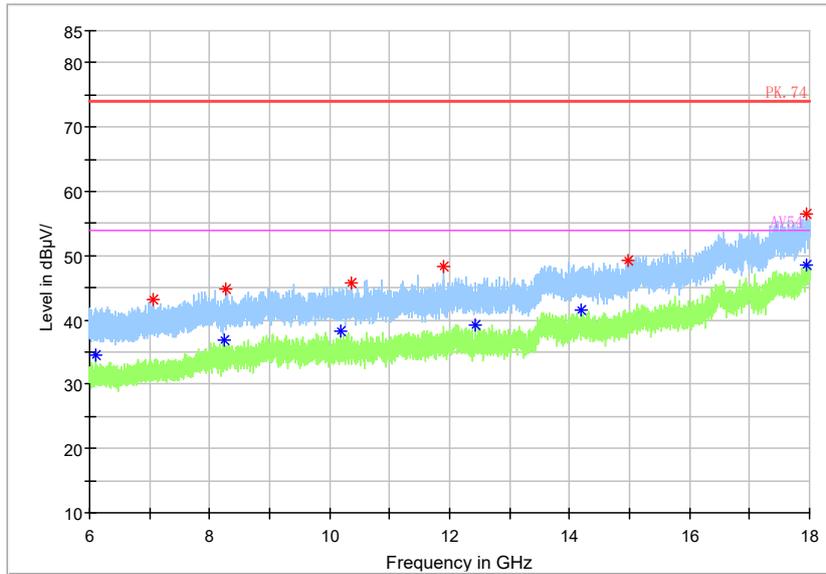
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



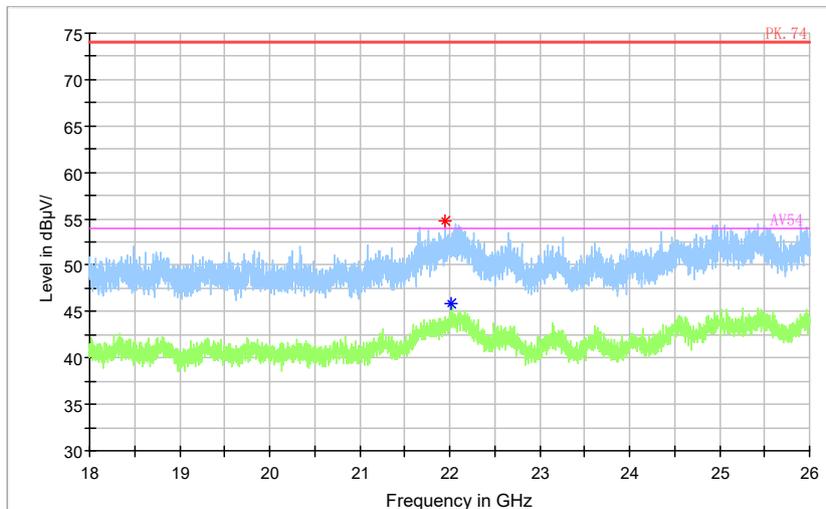
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



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

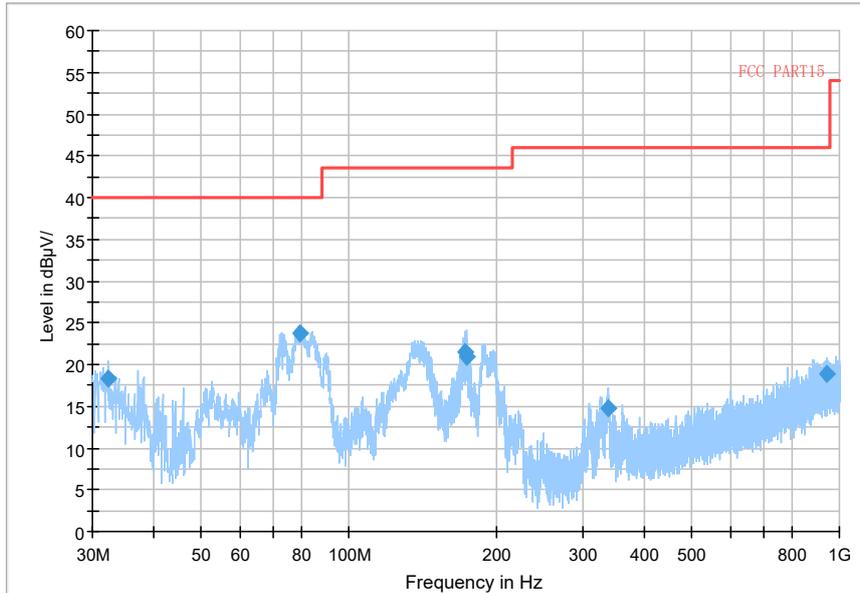
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs AVG
- \* Critical\_Freqs PK+
- PK.74
- ◆ Final\_Result AVG
- AV54
- ◆ Final\_Result PK+

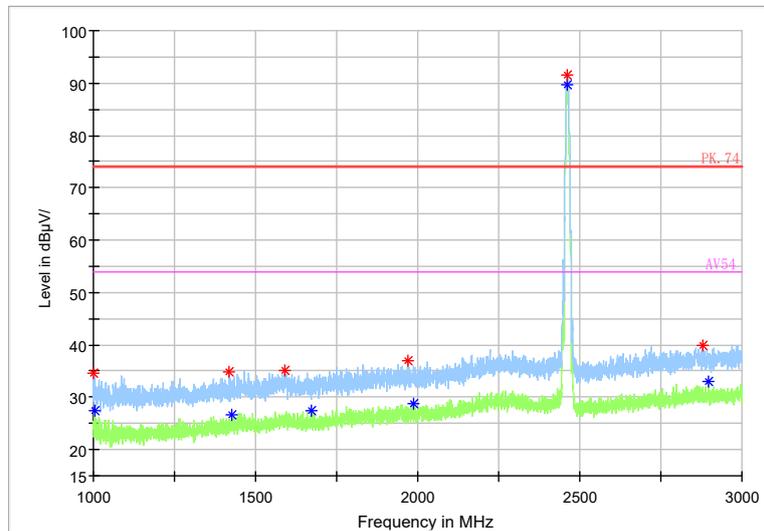
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11b

Full Spectrum



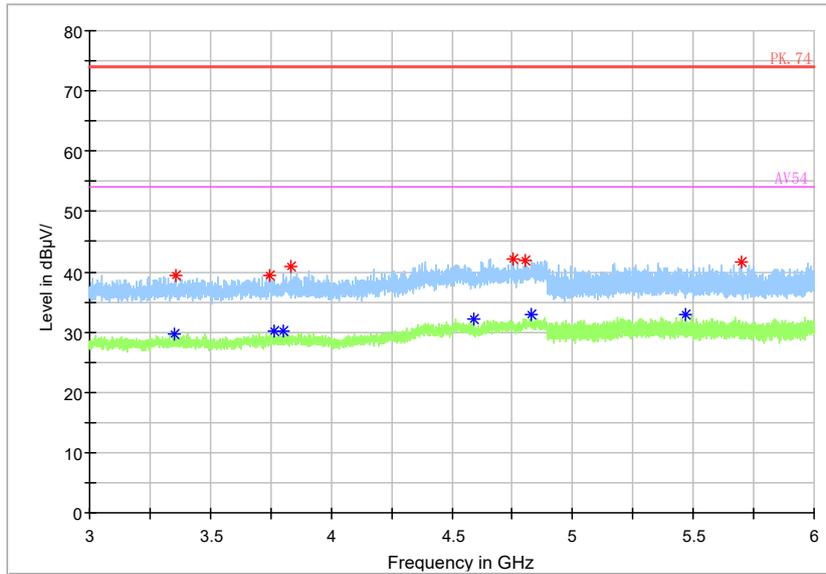
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Modulation type: 802.11g

Full Spectrum



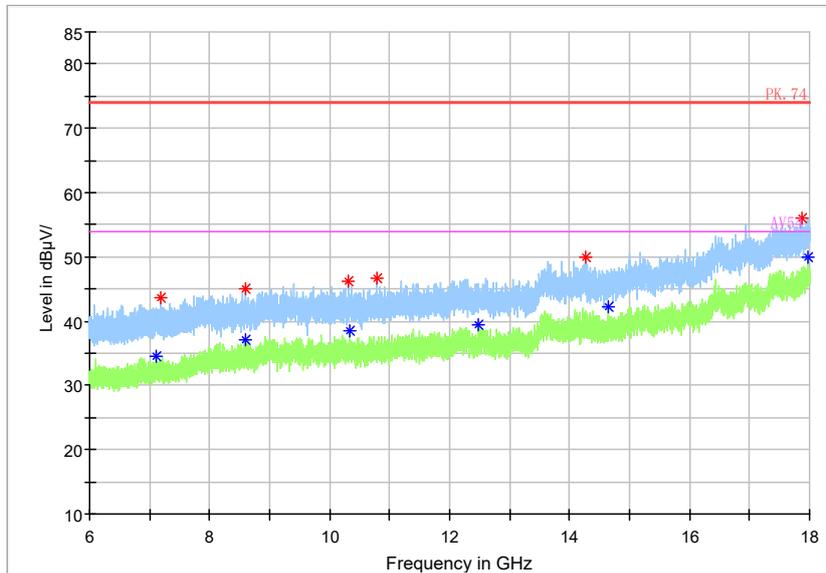
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11g

Full Spectrum



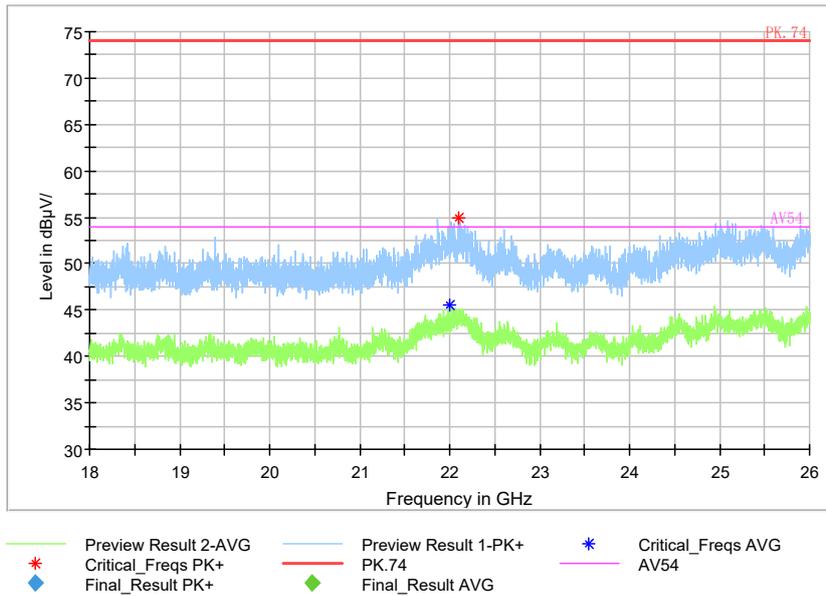
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11g

Full Spectrum



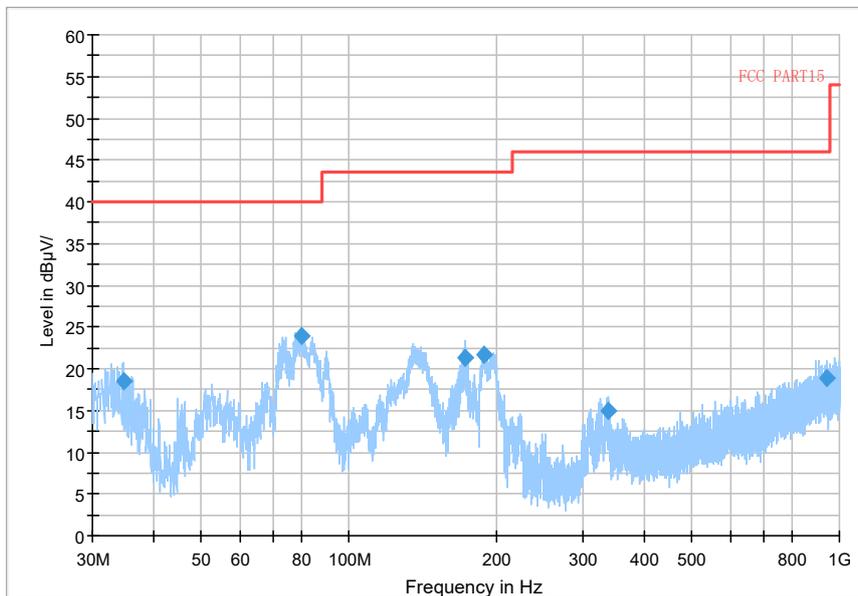
Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11g

Full Spectrum



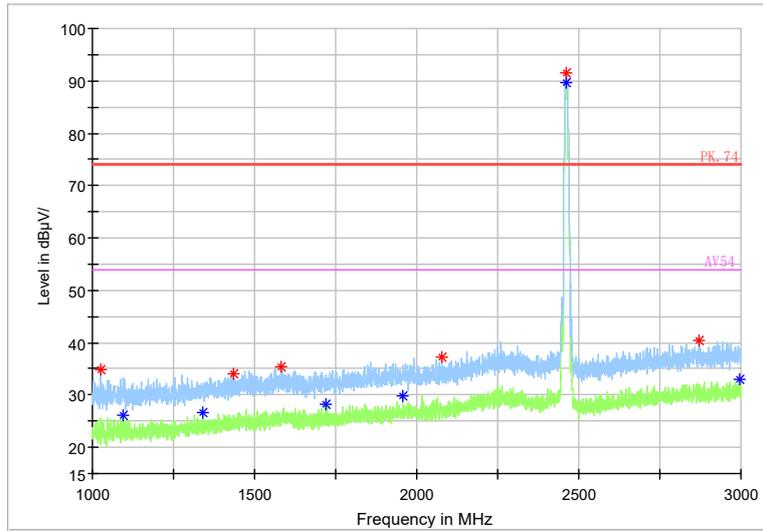
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11g

Full Spectrum



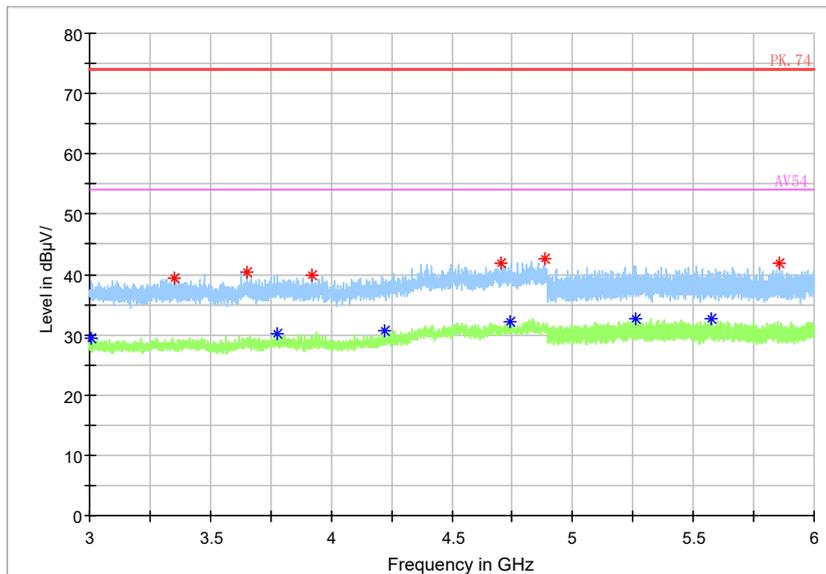
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT20)

Full Spectrum



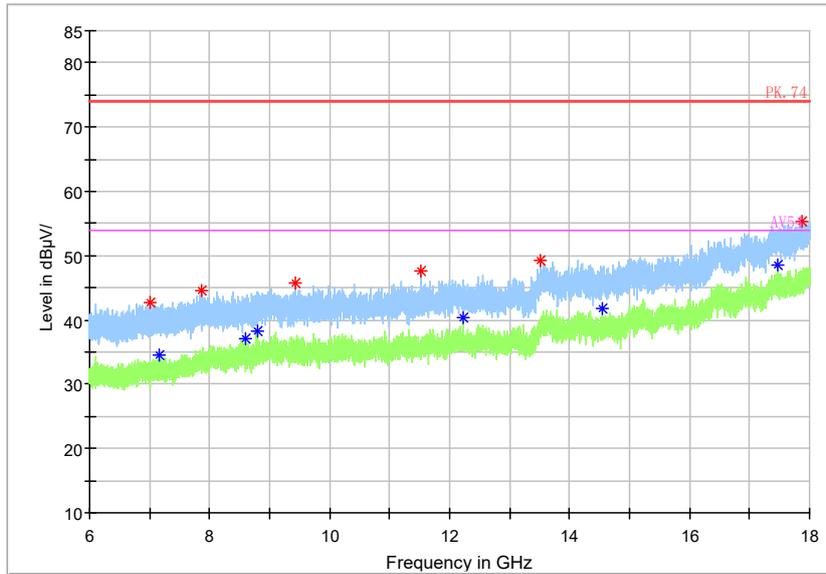
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



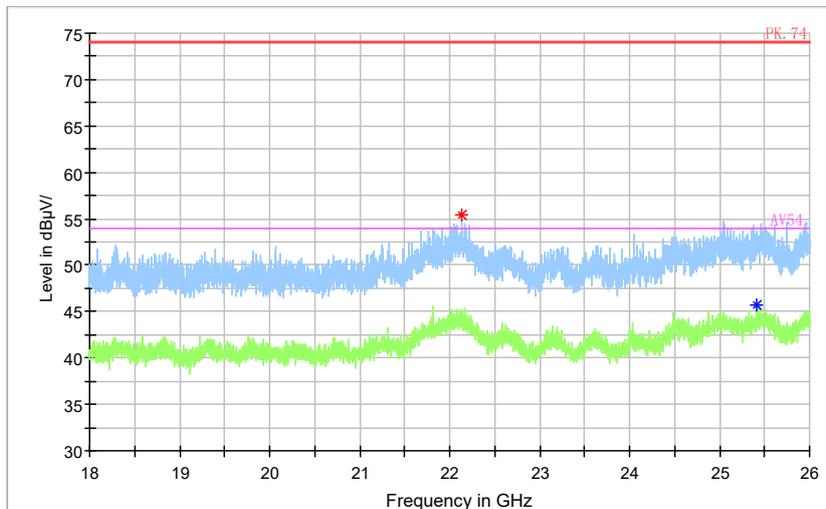
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT20)

Full Spectrum



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

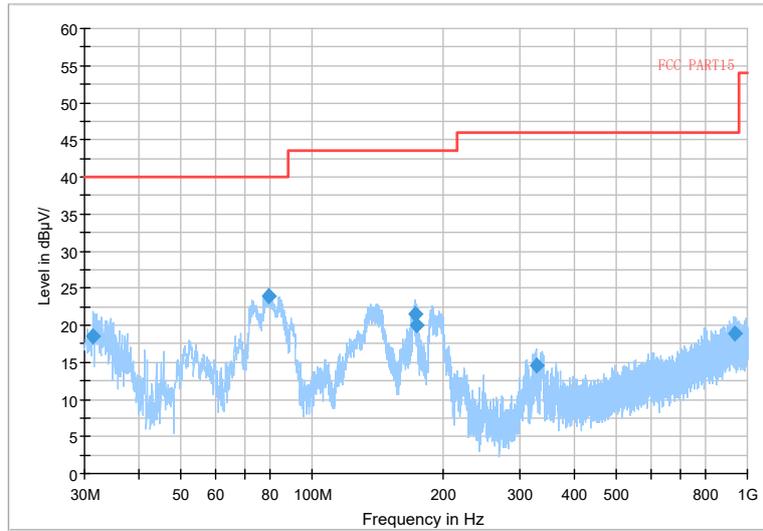
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs AVG
- \* Critical\_Freqs PK+
- PK.74
- \* Final\_Result AVG
- AV54
- ♦ Final\_Result PK+

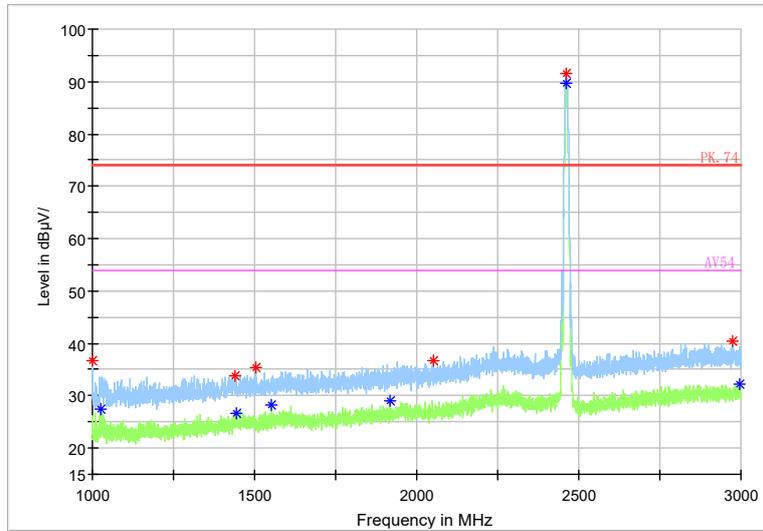
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT20)

Full Spectrum



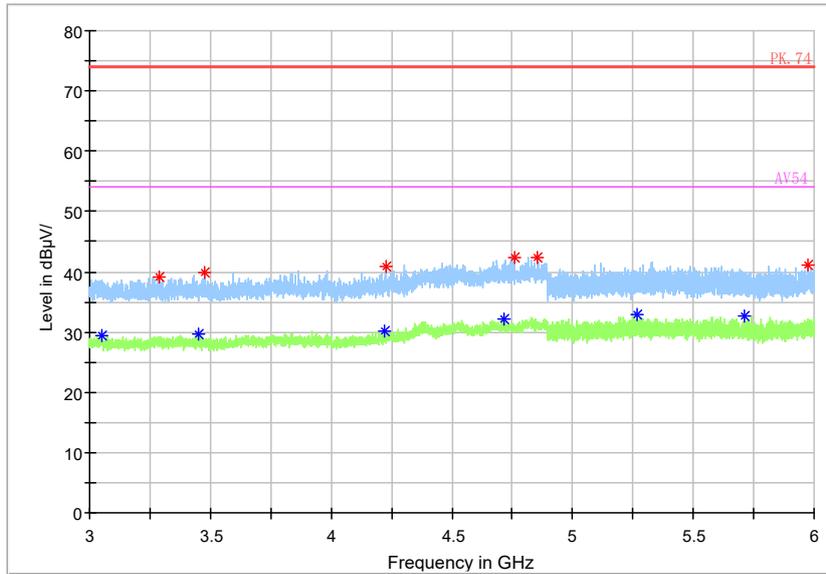
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Modulation type: 802.11 ax(HE20)

Full Spectrum



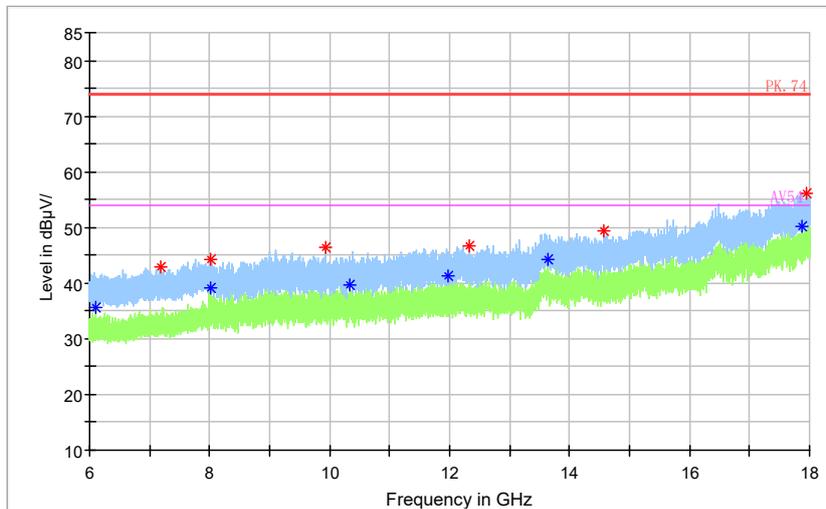
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE20)

Full Spectrum



Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE20)

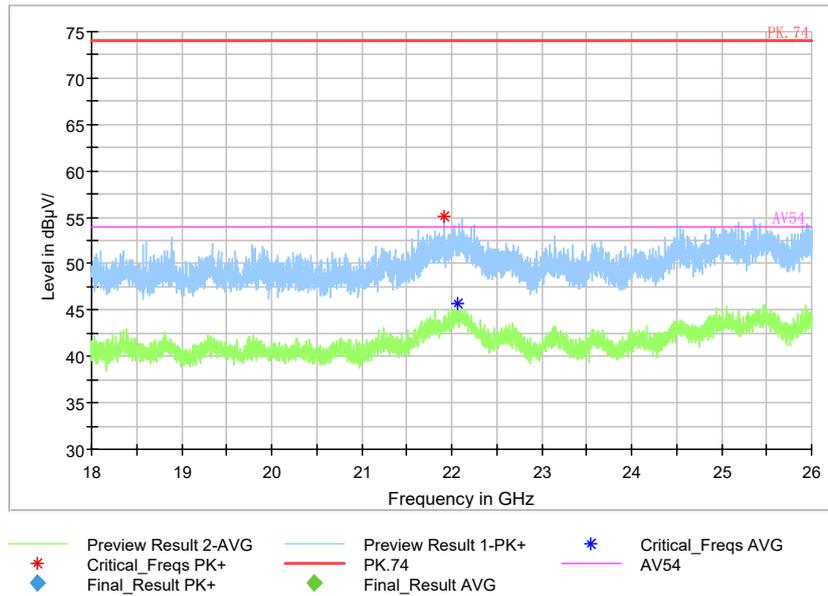
Full Spectrum



◆ Preview Result 2-AVG     ◆ Preview Result 1-PK+     \* Critical\_Freqs AVG  
\* Critical\_Freqs PK+     ◆ Final\_Result PK+     ◆ Final\_Result AVG     ◆ AV54

Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE20)

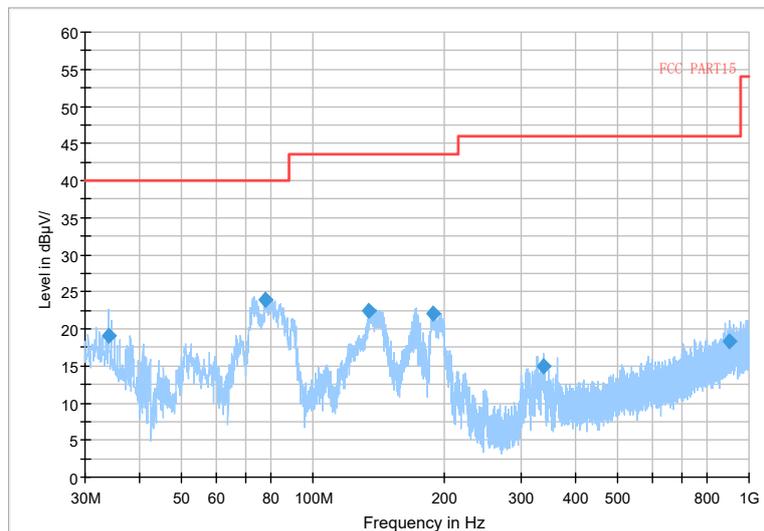
Full Spectrum



Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11ax(HE20)

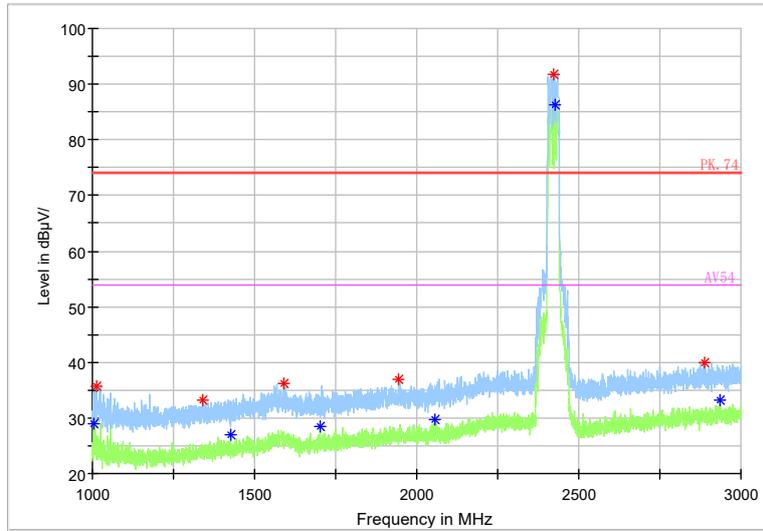
Carrier frequency (MHz): 2422  
Channel No.:3

Full Spectrum



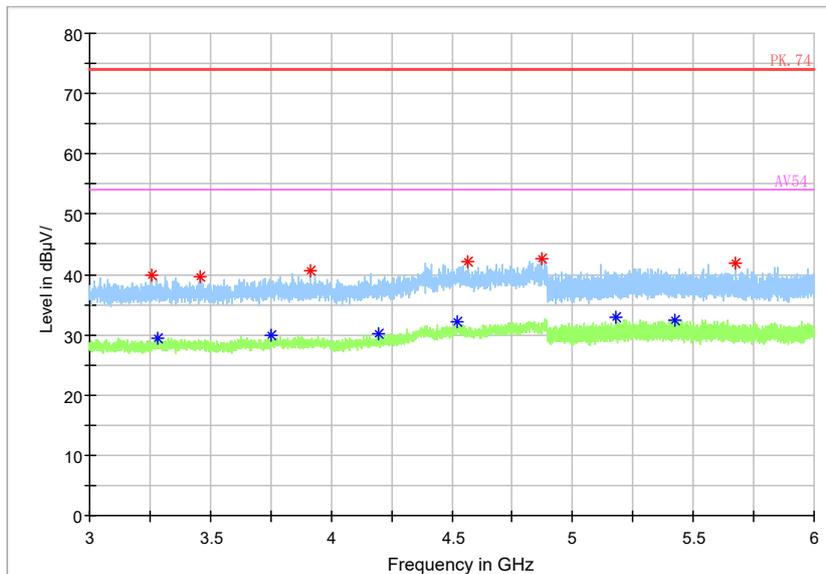
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



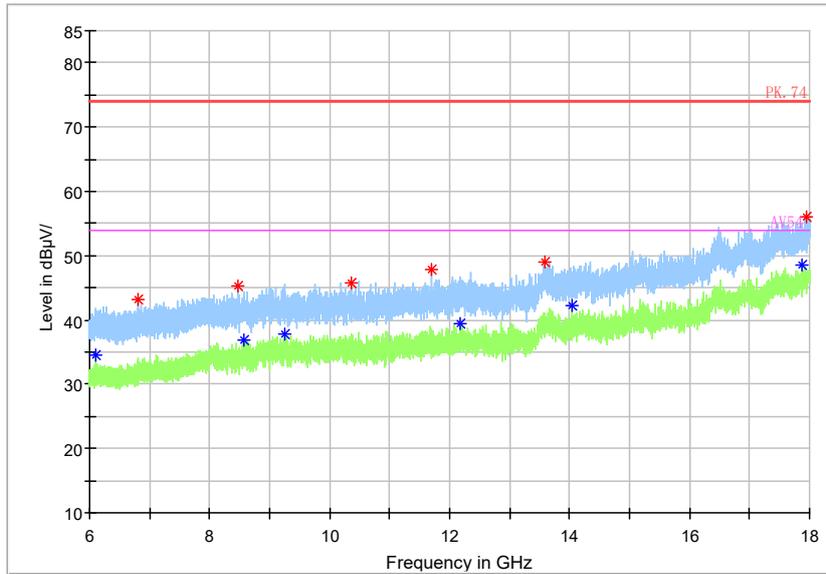
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



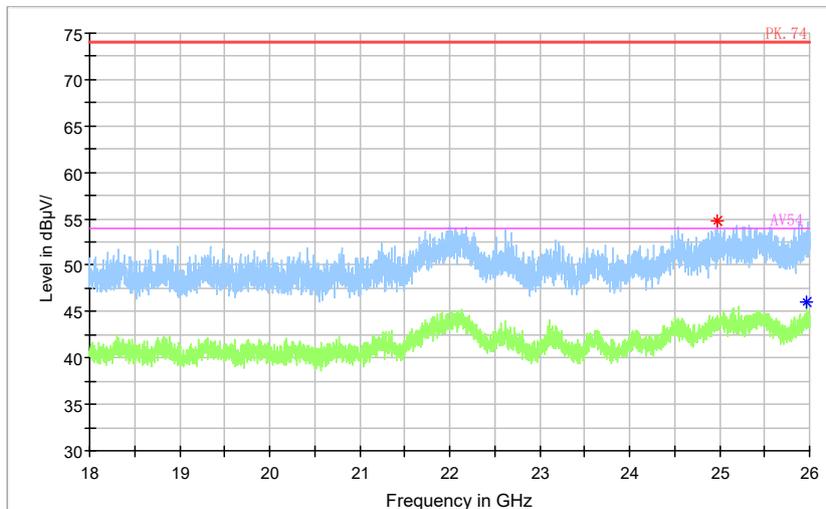
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



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

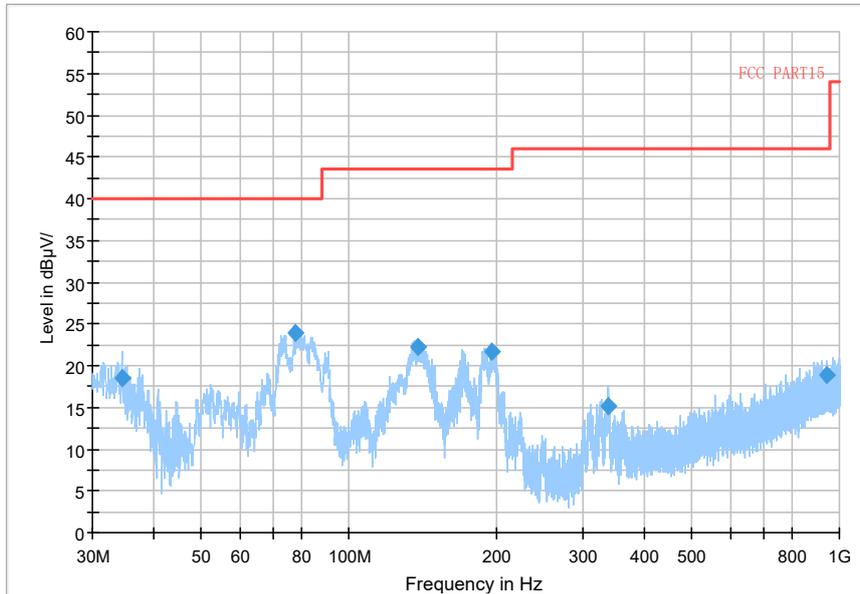
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs AVG
- \* Critical\_Freqs PK+
- PK.74
- AV54
- \* Final\_Result PK+
- ♦ Final\_Result AVG

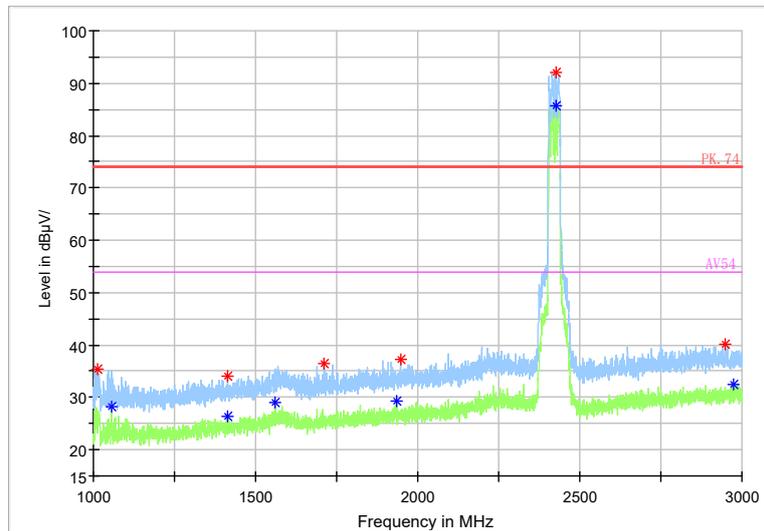
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



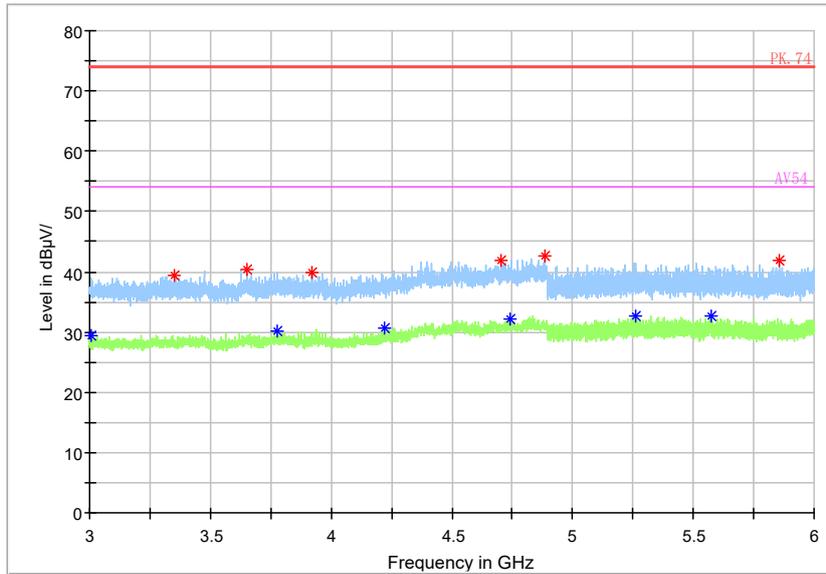
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11 ax(HE40)

Full Spectrum



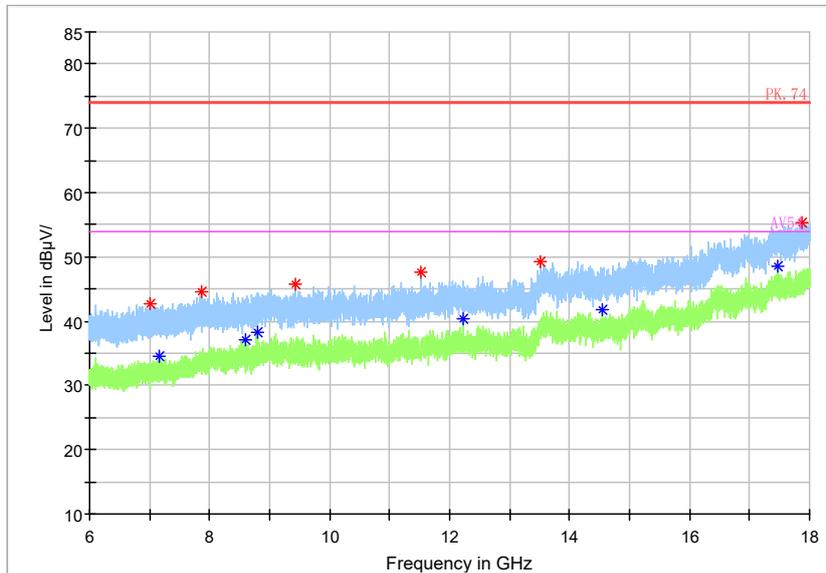
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE40)

Full Spectrum



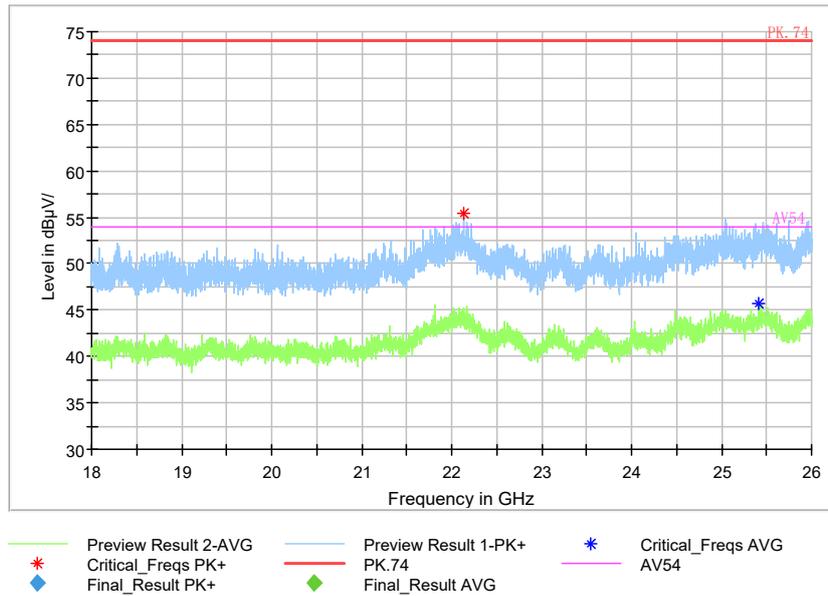
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE40)

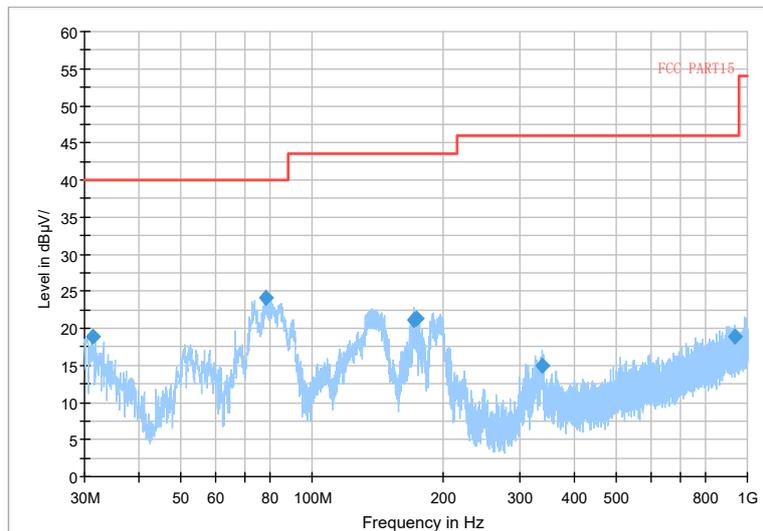
Full Spectrum



Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11ax(HE40)

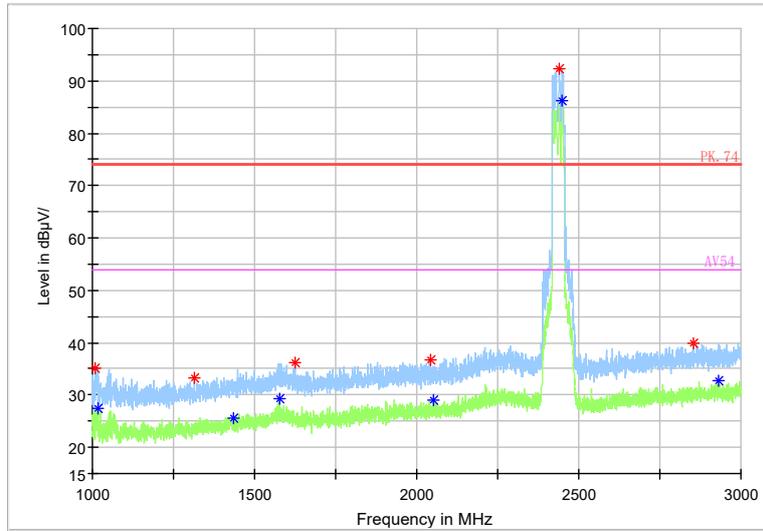
Carrier frequency (MHz): 2437  
Channel No.:6

Full Spectrum



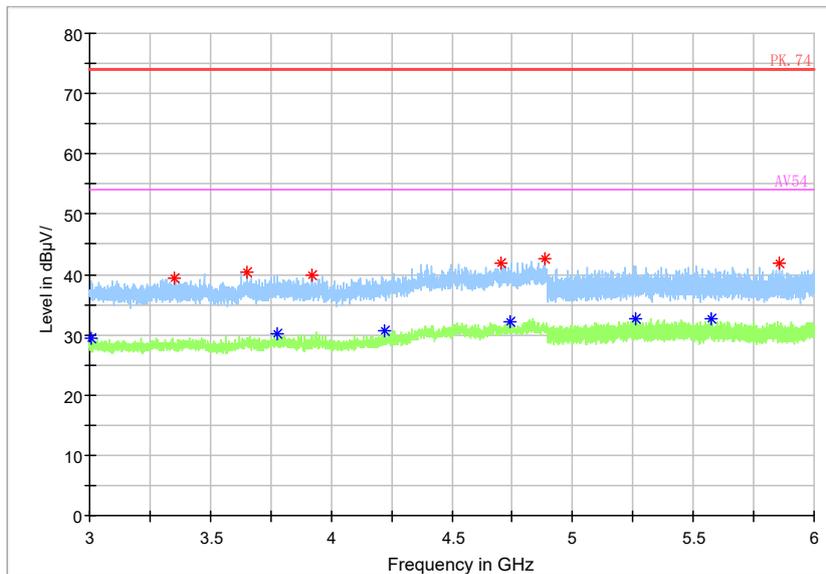
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Test Mode: 802.11n(HT40)

Full Spectrum



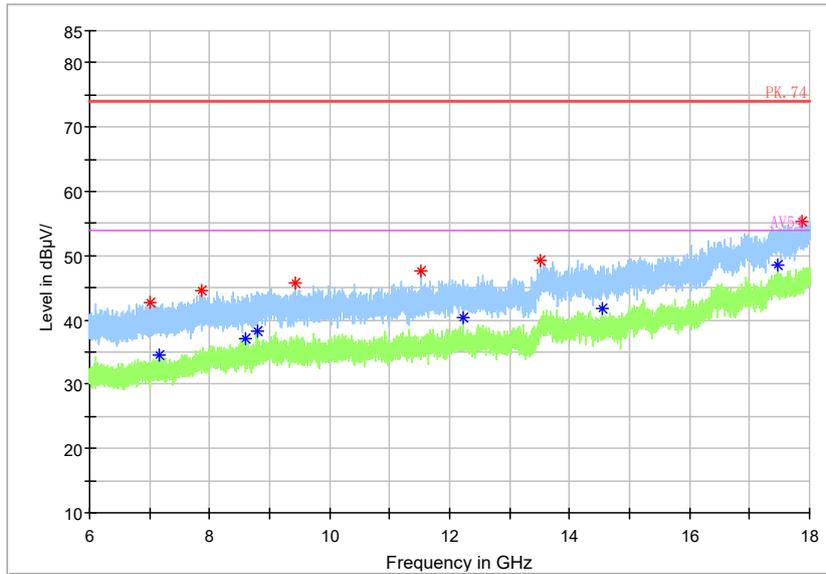
Frequency Range: 1GHz -3GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



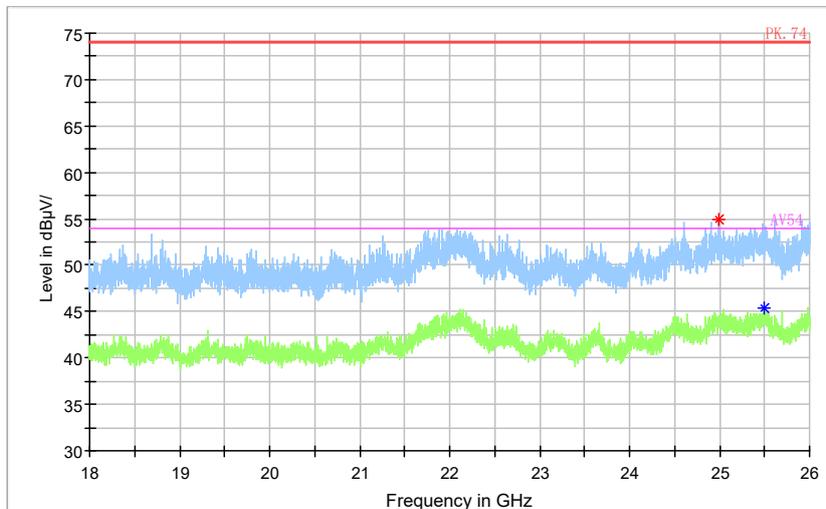
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11n(HT40)

Full Spectrum



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

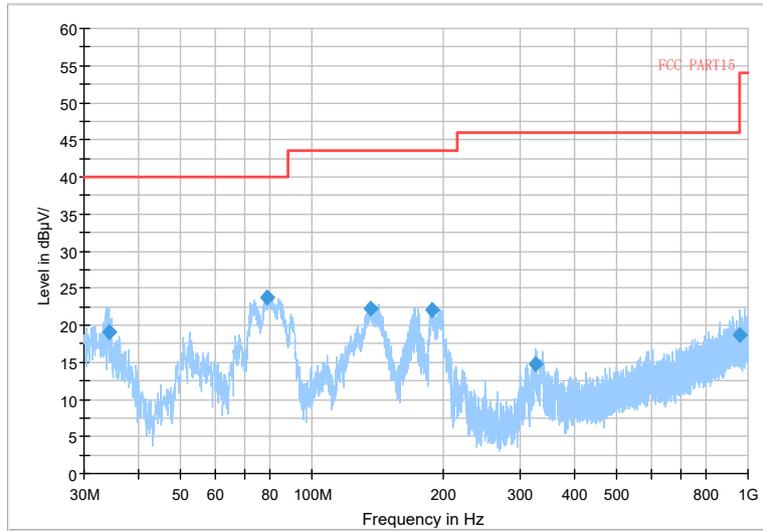
Full Spectrum



- ◆ Preview Result 2-AVG
- ◆ Preview Result 1-PK+
- \* Critical\_Freqs AVG
- \* Critical\_Freqs PK+
- PK.74
- ◆ Final\_Result AVG
- AV54
- ◆ Final\_Result PK+

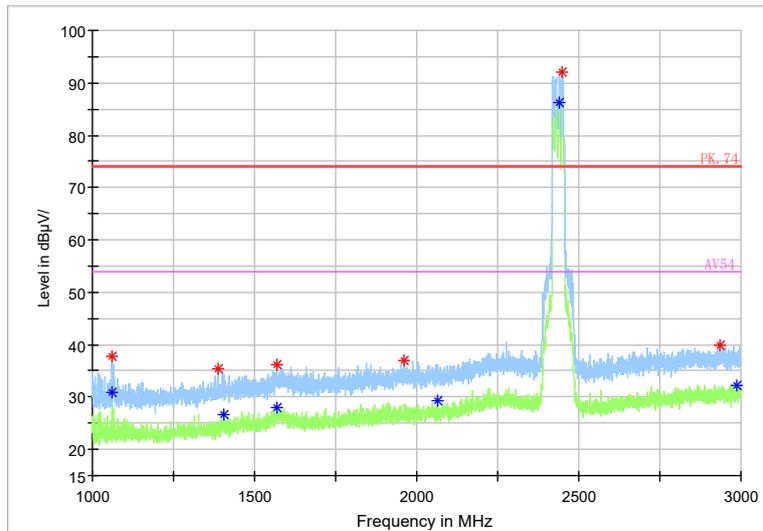
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



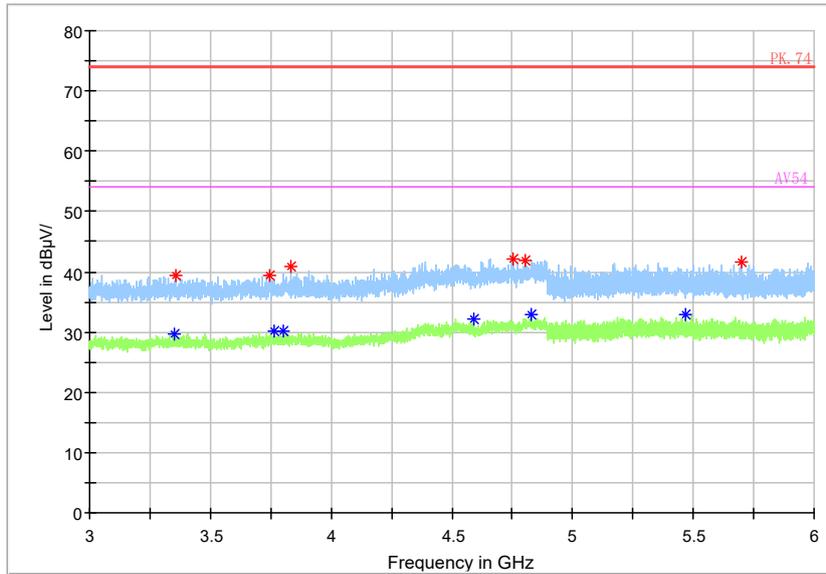
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Modulation type: 802.11 ax(HE40)

Full Spectrum



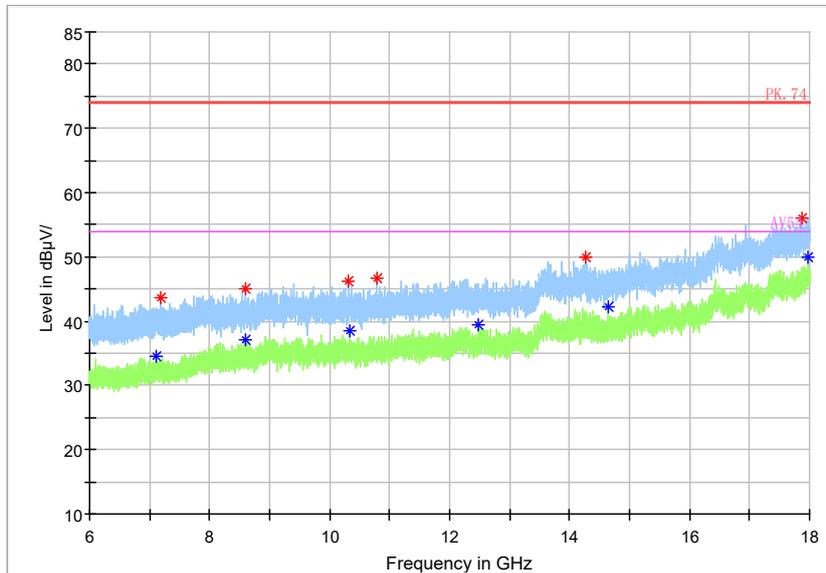
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE40)

Full Spectrum



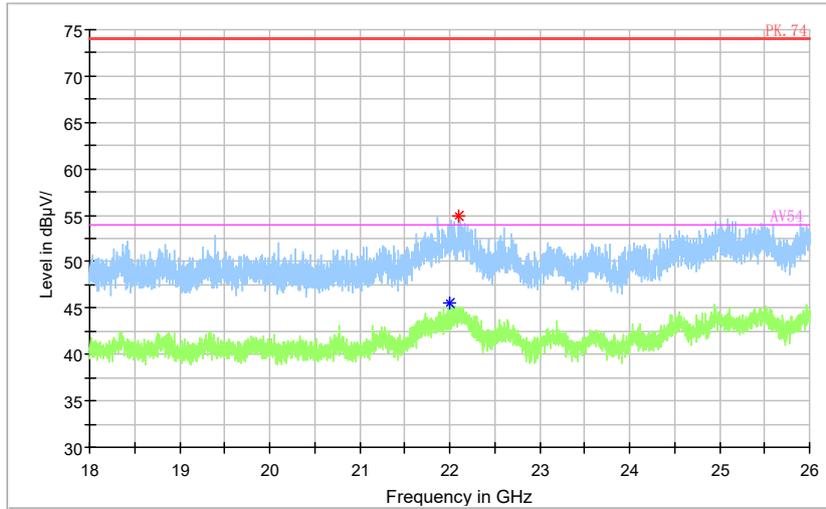
Frequency Range: 3GHz -6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 6GHz -18GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11 ax(HE40)

Full Spectrum

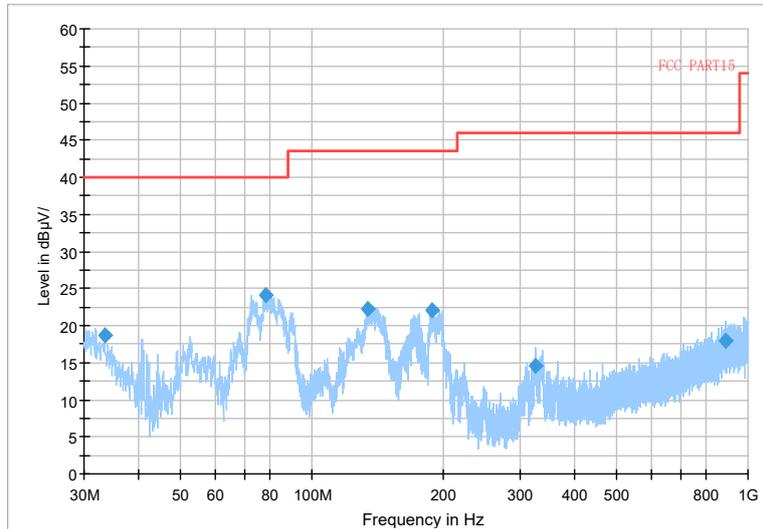


◆ Preview Result 2-AVG     — Preview Result 1-PK+     \* Critical\_Freqs AVG AV54  
\* Critical\_Freqs PK+     — PK.74     ◆ Final\_Result AVG  
◆ Final\_Result PK+

Frequency Range: 18GHz-26GHz  
 Detector: Av mode and PK mode  
 Modulation type: 802.11ax(HE40)

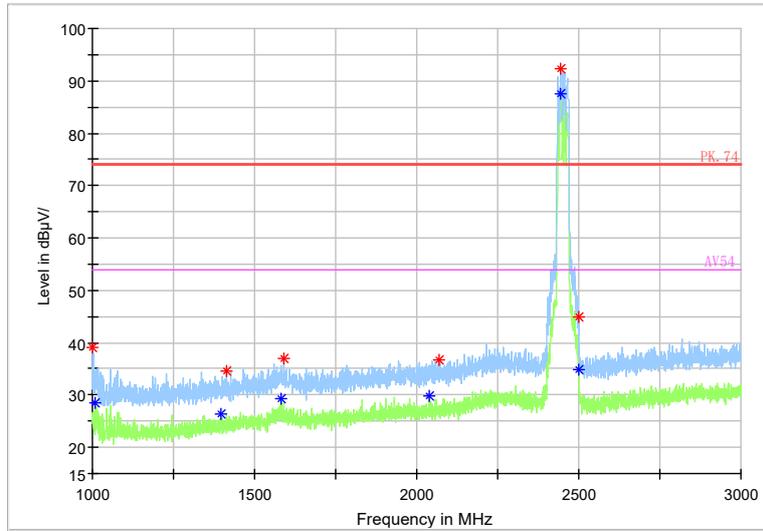
Carrier frequency (MHz): 2452  
 Channel No.:9

Full Spectrum



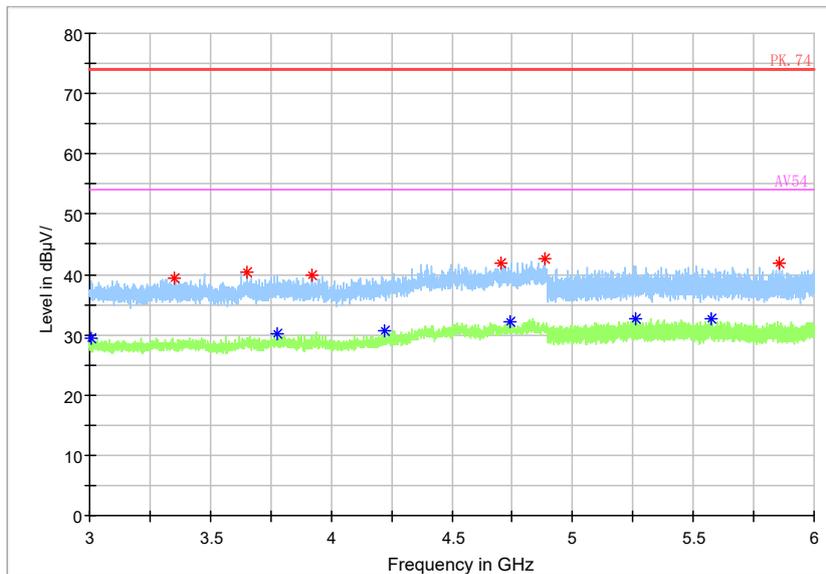
Frequency Range: 30MHz -1GHz  
 Detector: QP mode  
 Test Mode: 802.11n(HT40)

Full Spectrum



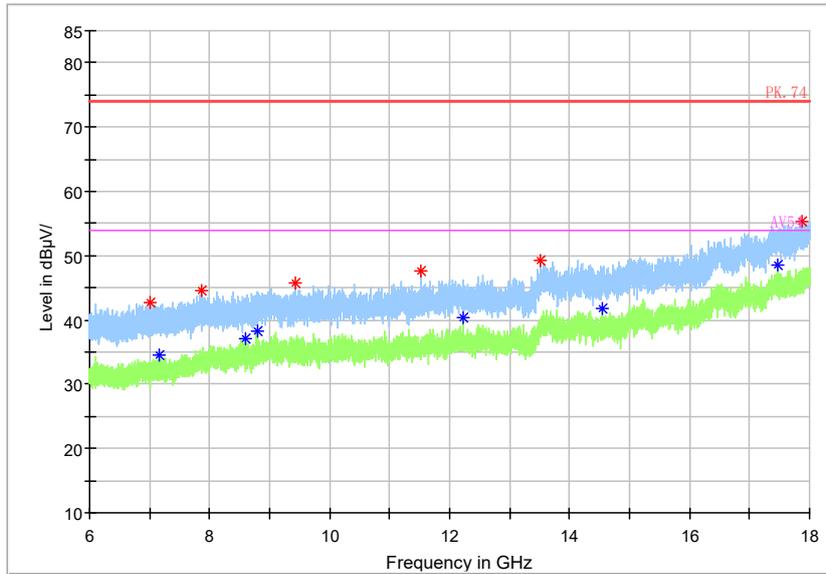
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



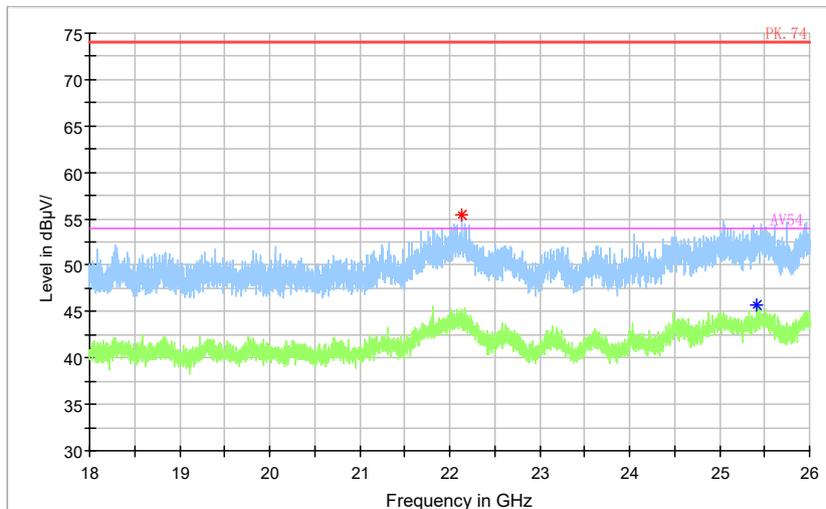
Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



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

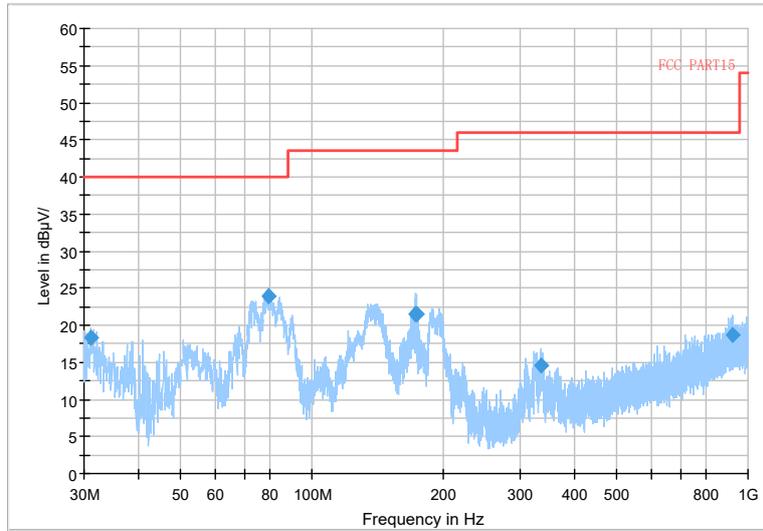
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs AVG
- \* Critical\_Freqs PK+
- PK.74
- \* Final\_Result AVG
- AV54
- ♦ Final\_Result PK+

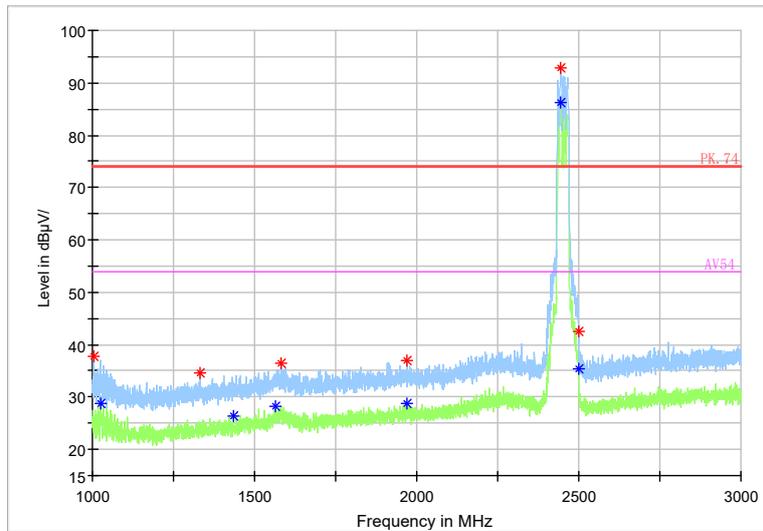
Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11n(HT40)

Full Spectrum



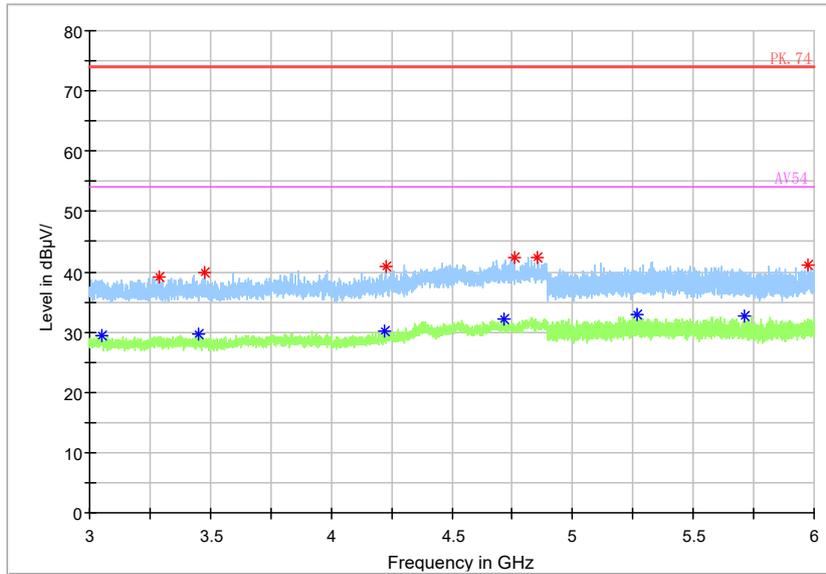
Frequency Range: 30MHz -1GHz  
Detector: QP mode  
Modulation type: 802.11 ax(HE40)

Full Spectrum



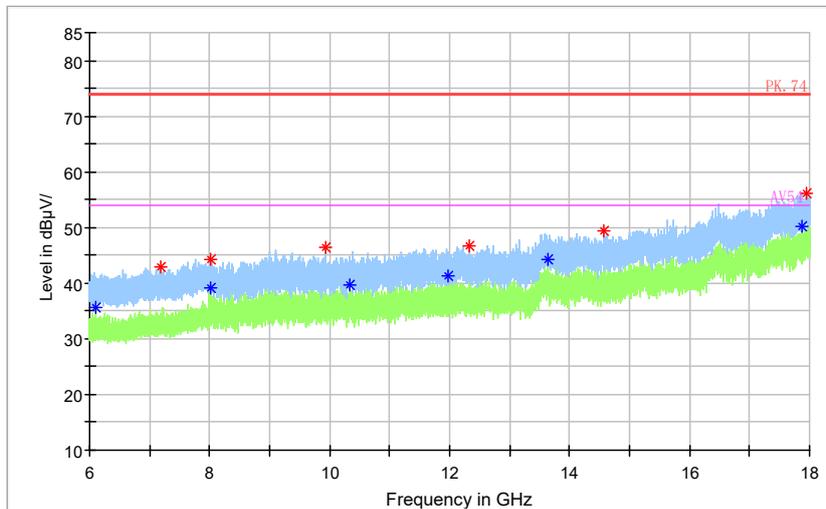
Frequency Range: 1GHz -3GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 3GHz -6GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE40)

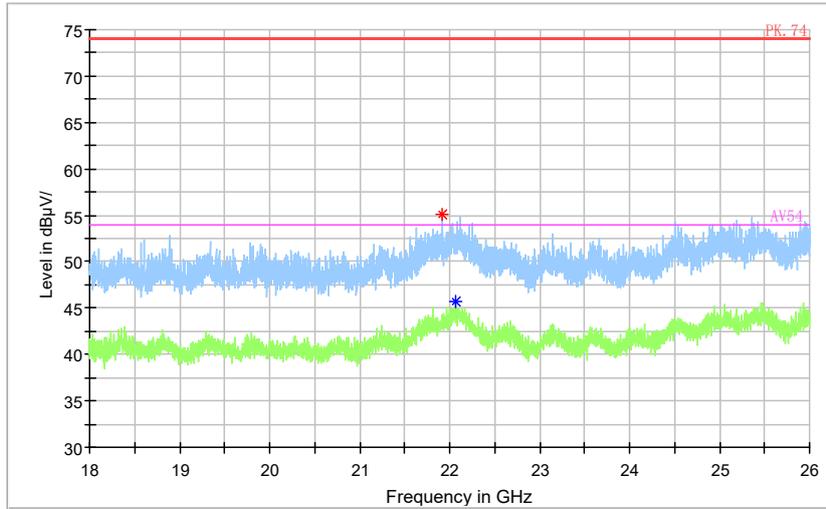
Full Spectrum



◆ Preview Result 2-AVG     ◆ Preview Result 1-PK+     \* Critical\_Freqs AVG  
◆ Critical\_Freqs PK+     ◆ Final\_Result PK+     ◆ Final\_Result AVG  
◆ AV54

Frequency Range: 6GHz -18GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11 ax(HE40)

Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- \* Critical\_Freqs PK+
- ◆ Final\_Result PK+
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- AV54
- PK.74

Frequency Range: 18GHz-26GHz  
Detector: Av mode and PK mode  
Modulation type: 802.11ax(HE40)

**AC Power line Conducted Emission**

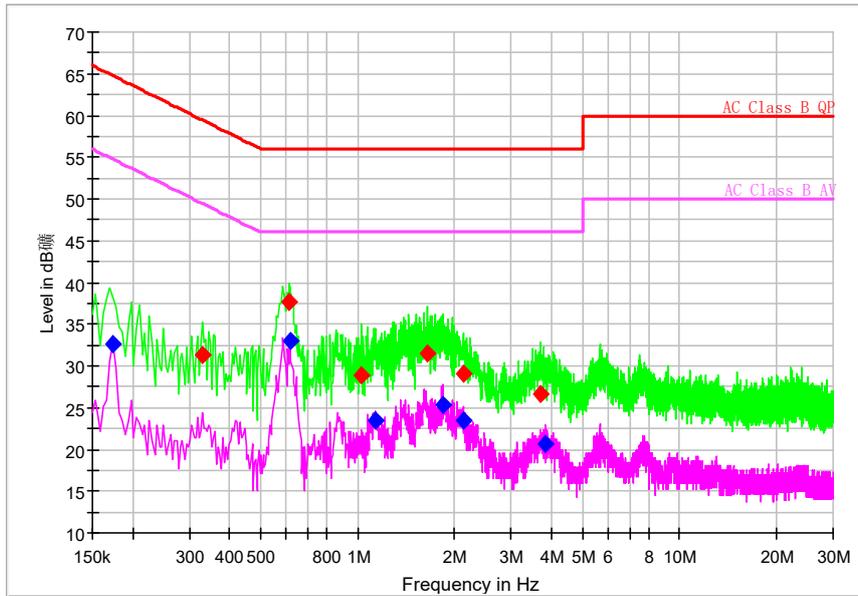
A "reference path loss" Corr.(dB) is established and the  $L_{cable}+ATT+VDF$  is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

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

Sample calculation:  $(32.66 \text{ dB}\mu\text{V}) = (2.86 \text{ dB}\mu\text{V}) + (29.8 \text{ dB})$ , the corresponding frequency is 0.174000MHz.

Full Spectrum



L+N Line

**MEASUREMENT RESULT:**

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) | Pmea QuasiPeak (dBμV) | Pmea Average (dBμV) |
|-----------------|------------------|----------------|--------------|-------------|------|------------|-----------------------|---------------------|
| 0.174000        | ---              | 32.66          | 54.77        | 22.11       | L1   | 29.8       | ---                   | 2.86                |
| 0.330000        | 31.25            | ---            | 59.45        | 28.20       | L1   | 29.8       | 1.45                  | ---                 |
| 0.614000        | 37.59            | ---            | 56.00        | 18.41       | N    | 29.8       | 7.79                  | ---                 |
| 0.618000        | ---              | 32.96          | 46.00        | 13.04       | L1   | 29.8       | ---                   | 3.16                |
| 1.030000        | 28.93            | ---            | 56.00        | 27.07       | L1   | 29.9       | -0.97                 | ---                 |
| 1.130000        | ---              | 23.46          | 46.00        | 22.54       | N    | 29.9       | ---                   | -6.44               |
| 1.646000        | 31.45            | ---            | 56.00        | 24.55       | L1   | 29.9       | 1.55                  | ---                 |
| 1.838000        | ---              | 25.34          | 46.00        | 20.66       | L1   | 29.9       | ---                   | -4.56               |
| 2.122000        | 28.97            | ---            | 56.00        | 27.03       | L1   | 29.9       | -0.93                 | ---                 |
| 2.122000        | ---              | 23.48          | 46.00        | 22.52       | L1   | 29.9       | ---                   | -6.42               |
| 3.702000        | 26.62            | ---            | 56.00        | 29.38       | L1   | 29.9       | -3.28                 | ---                 |
| 3.834000        | ---              | 20.60          | 46.00        | 25.40       | L1   | 29.9       | ---                   | -9.3                |

---End of the test report---