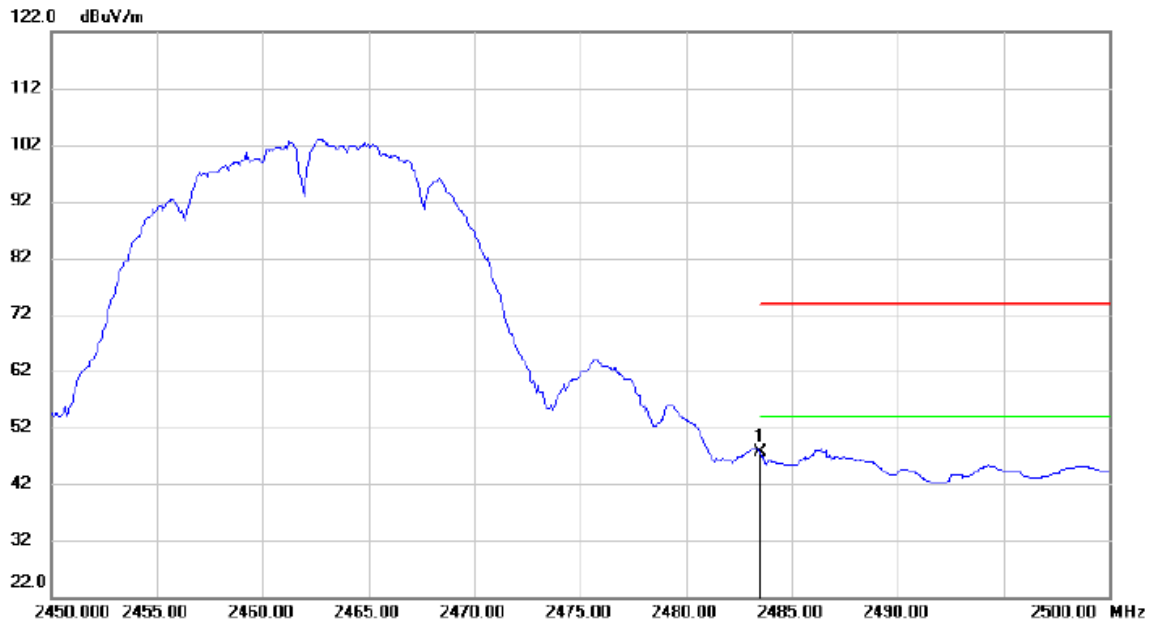




AVG



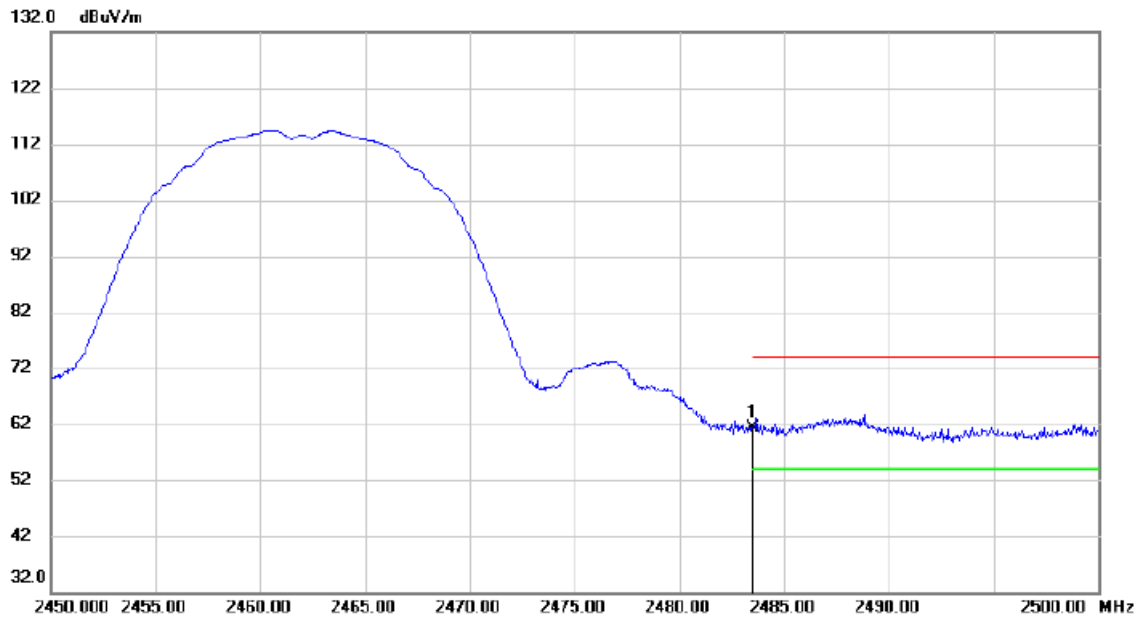
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 2483.500 | 14.68 | 32.88 | 47.56 | 54.00 | -6.44 | AVG | | |

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEGE (CHANNEL11, VERTICAL)

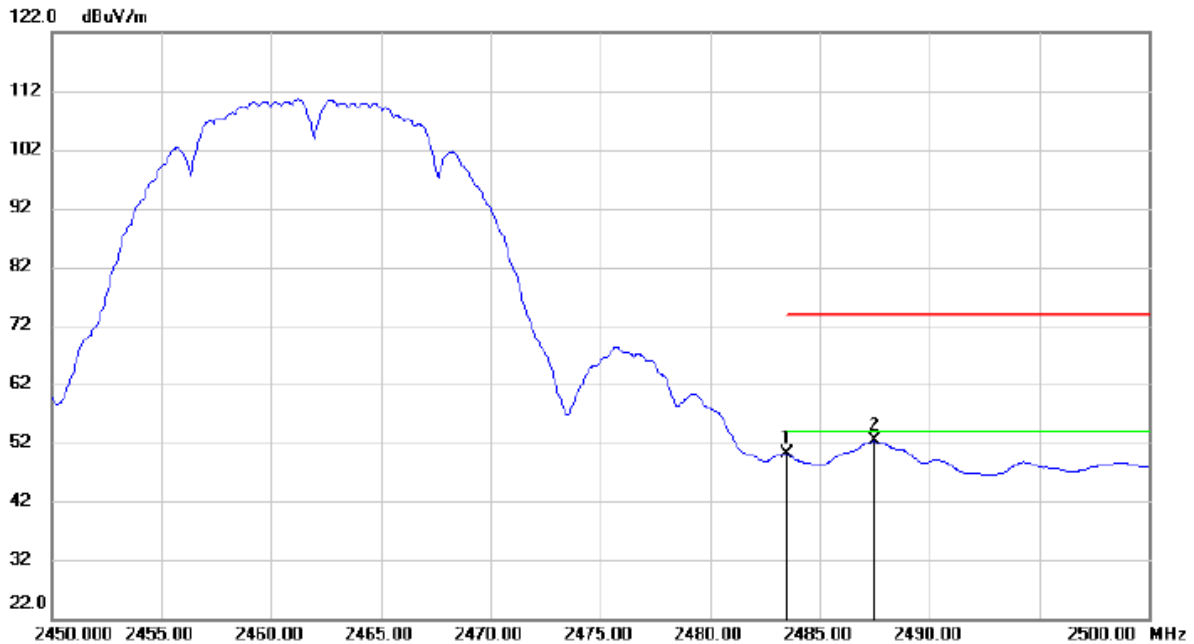
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | Comment |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | * | 2483.500 | 28.54 | 32.88 | 61.42 | 74.00 | -12.58 | peak | | |



AVG



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|-------------------------|---------------------------|---------|
| 1 | | 2483.500 | 17.18 | 32.88 | 50.06 | 54.00 | -3.94 | AVG | | |
| 2 | * | 2487.500 | 19.48 | 32.88 | 52.36 | 54.00 | -1.64 | AVG | | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

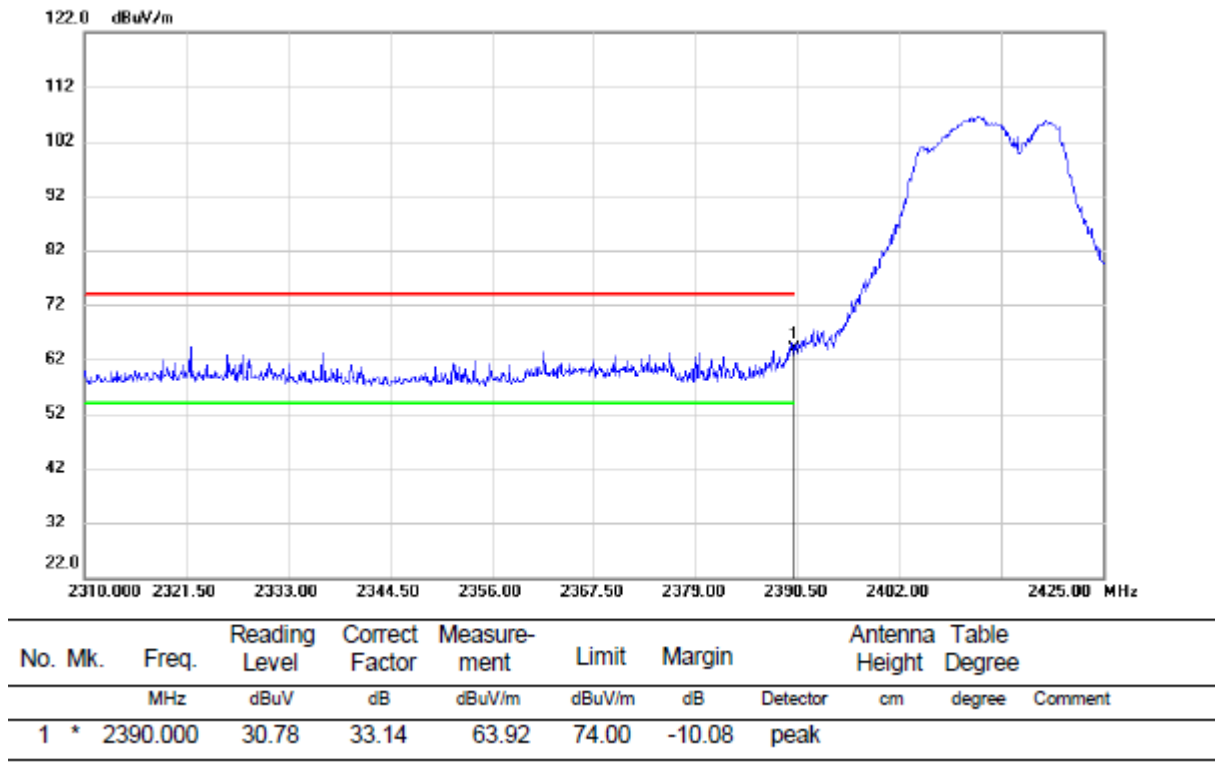


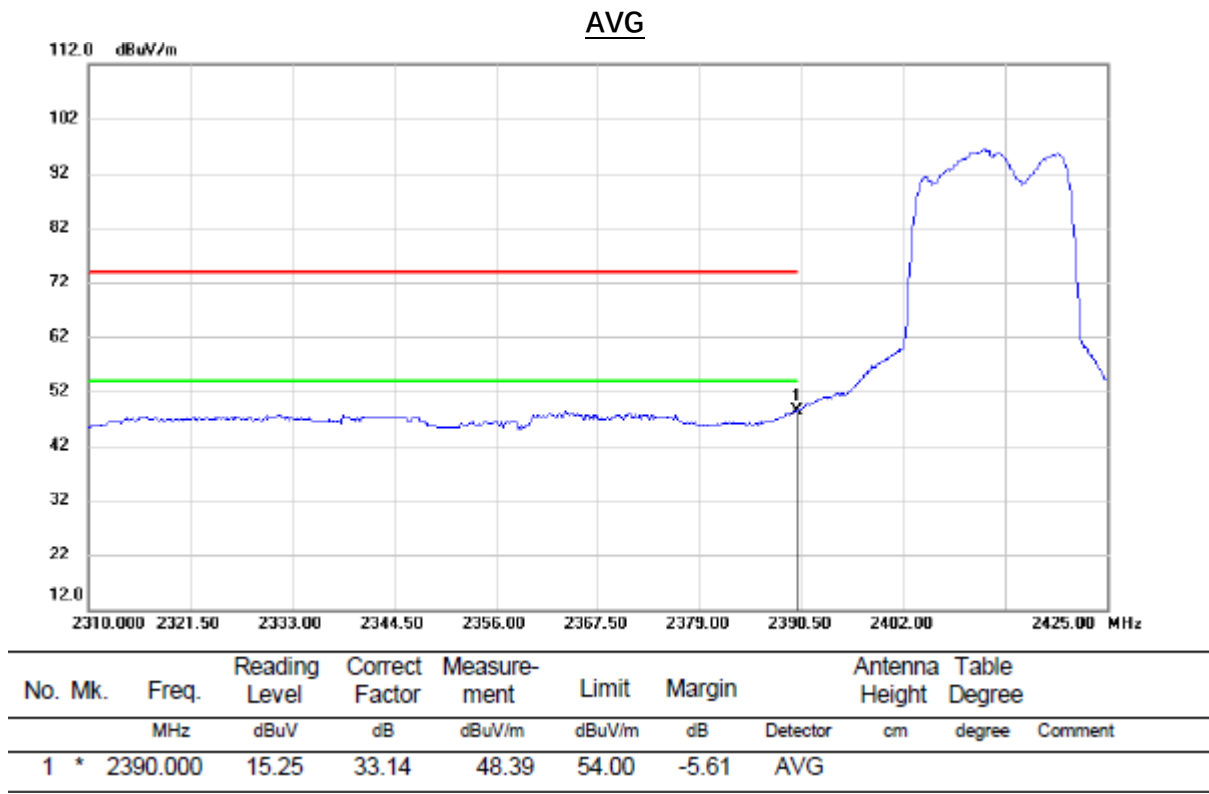
8.1.2. 802.11g MODE

MIMO Mode (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE (CHANNEL1, HORIZONTAL)

Peak



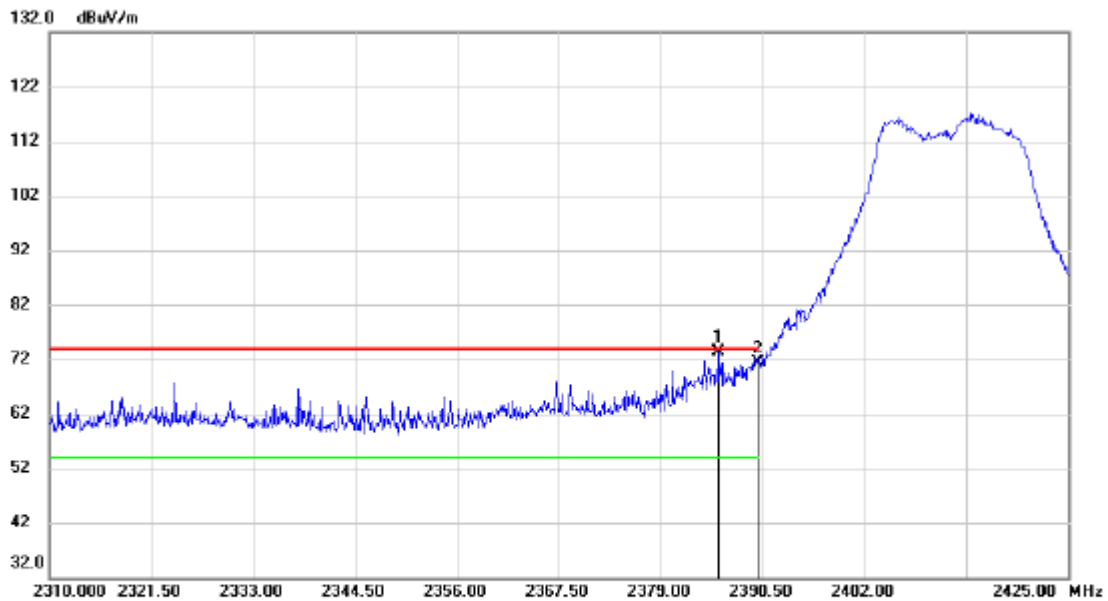


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

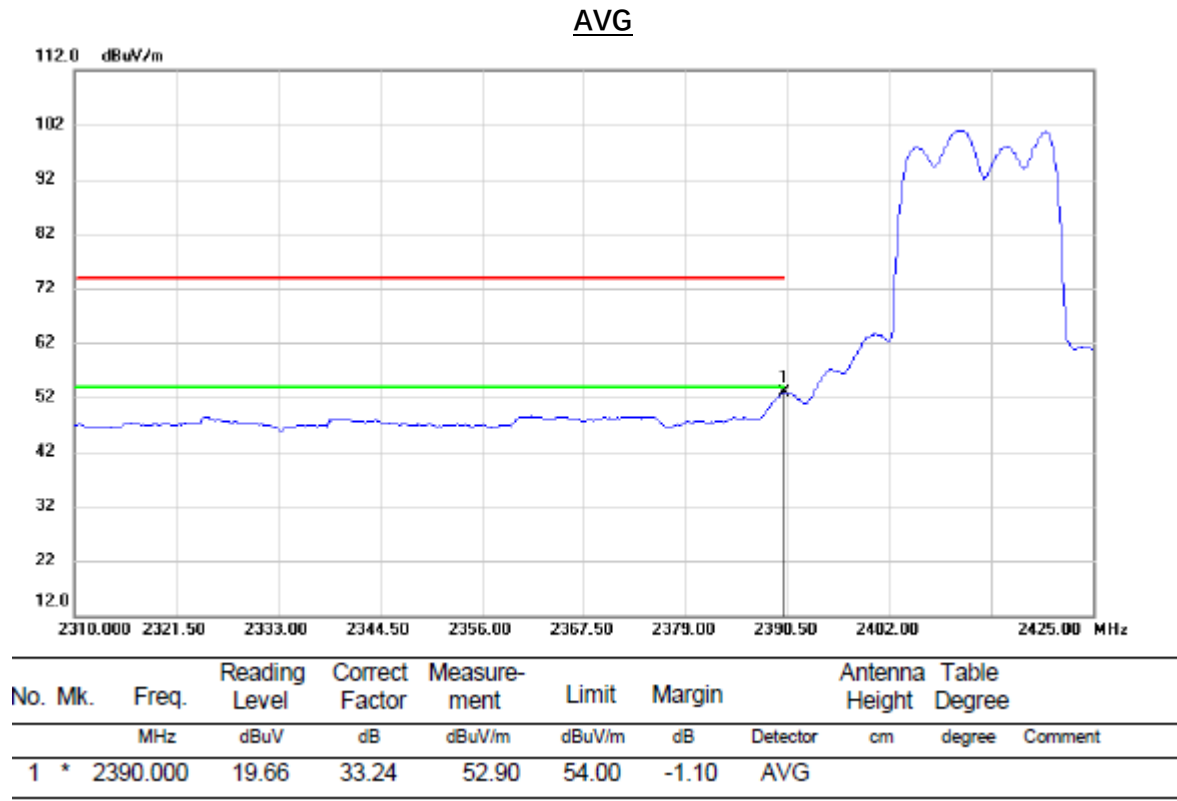


RESTRICTED BANDEDGE (CHANNEL1, VERTICAL)

Peak



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Detector | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|-------------------------|---------------------------|---------|
| 1 | * | 2385.555 | 40.04 | 33.28 | 73.32 | 74.00 | -0.68 | peak | | | |
| 2 | | 2390.000 | 38.09 | 33.24 | 71.33 | 74.00 | -2.67 | peak | | | |

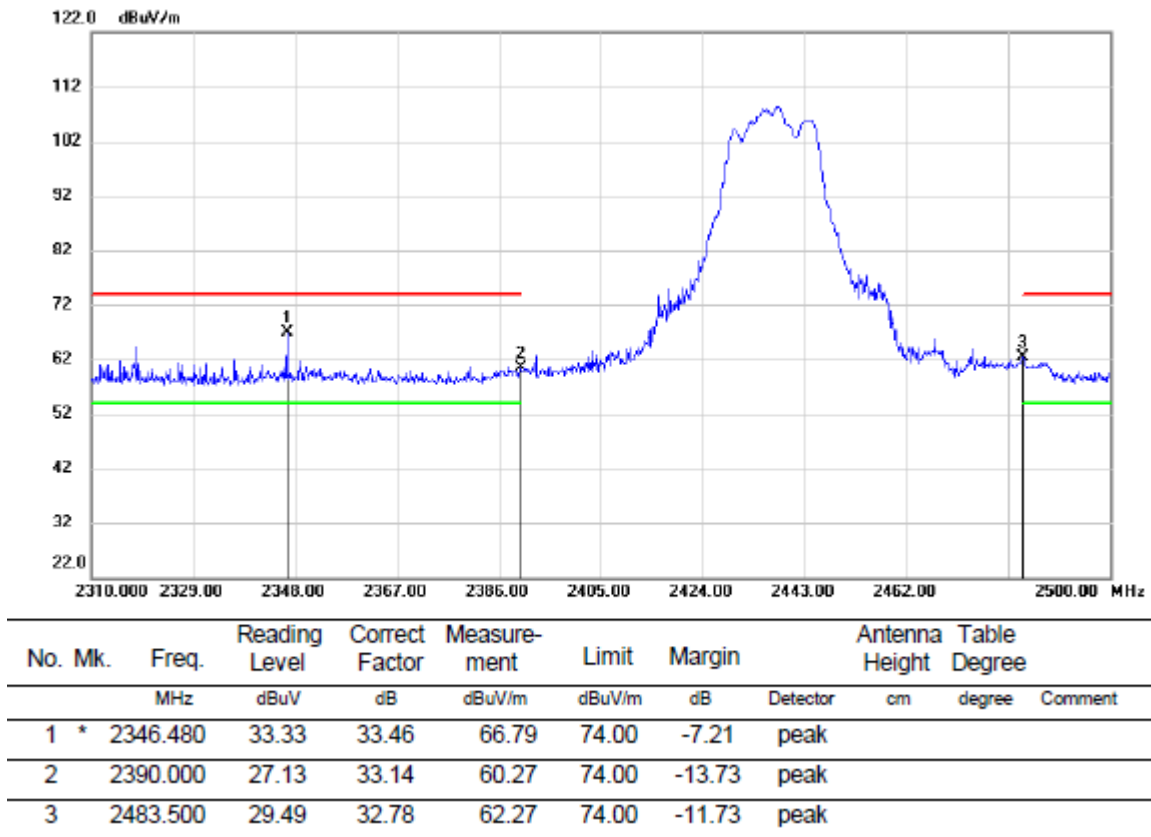


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



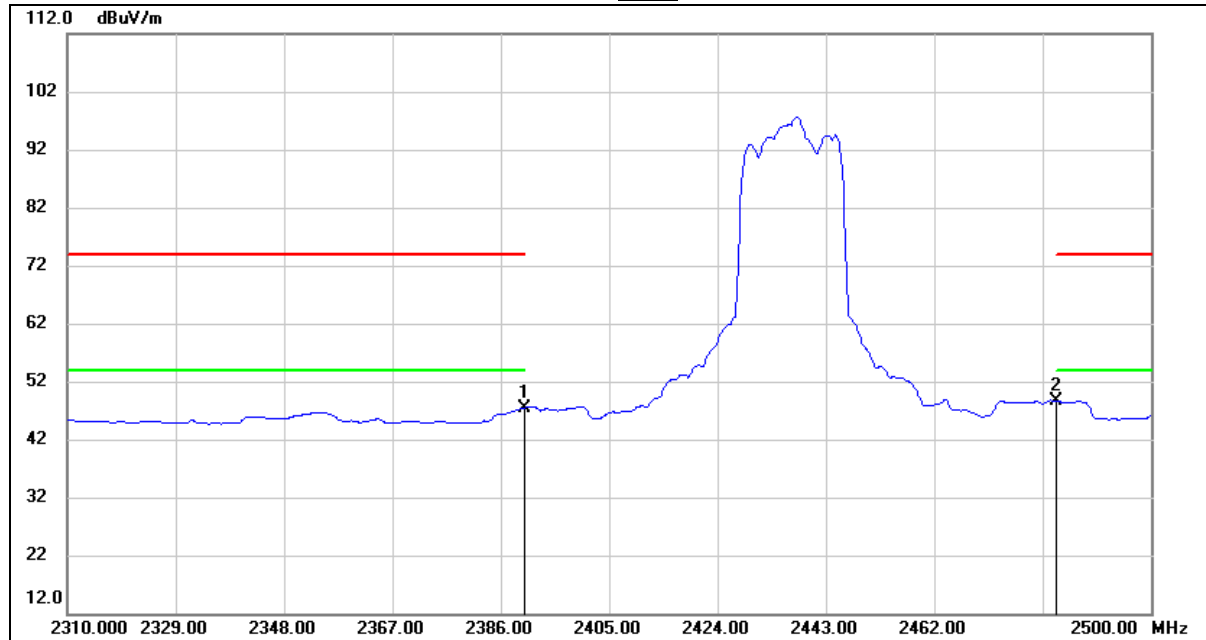
RESTRICTED BANDEDGE (CHANNEL6, HORIZONTAL)

Peak





AVG



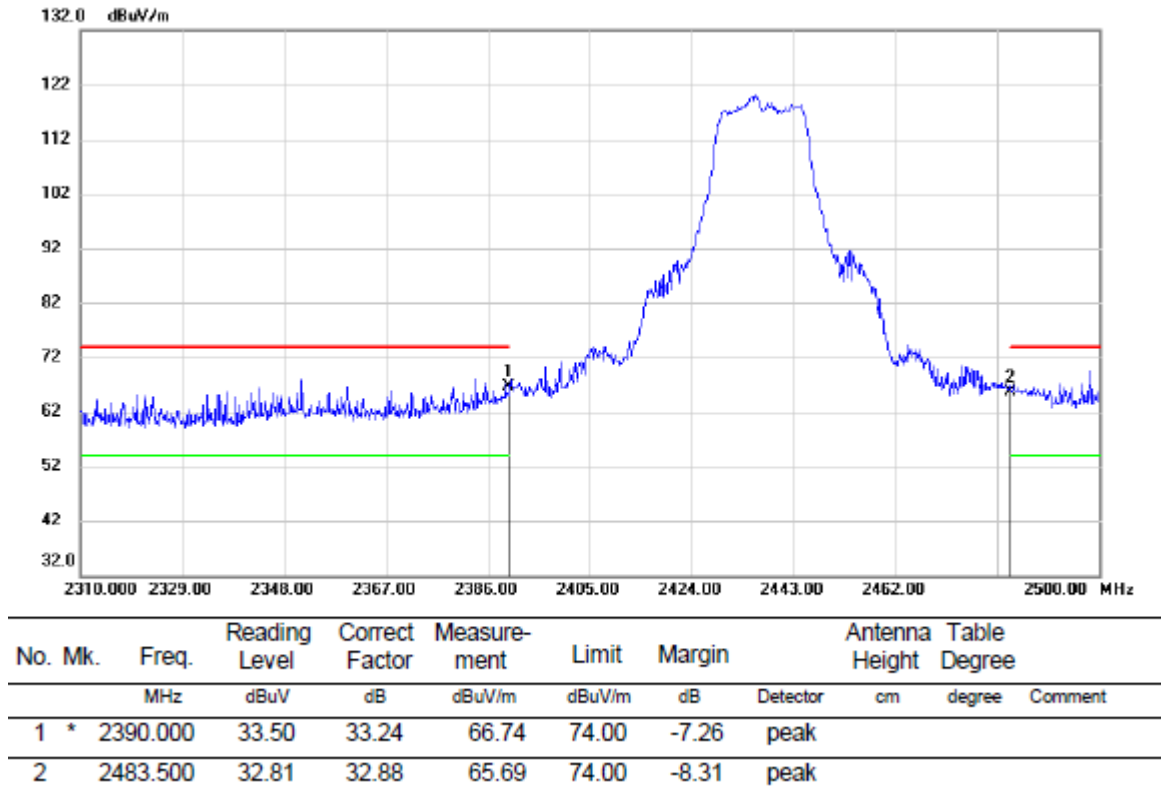
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 14.34 | 33.14 | 47.48 | 54.00 | -6.52 | AVG |
| 2 | 2483.500 | 15.80 | 32.78 | 48.58 | 54.00 | -5.42 | AVG |

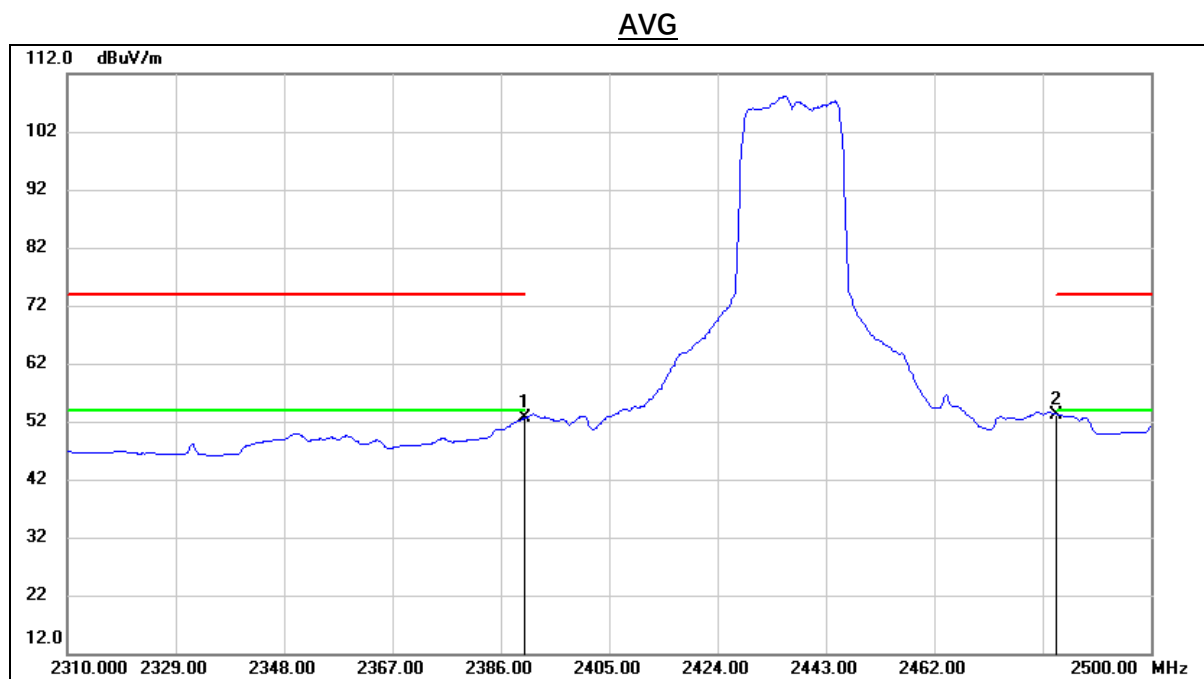
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, VERTICAL)

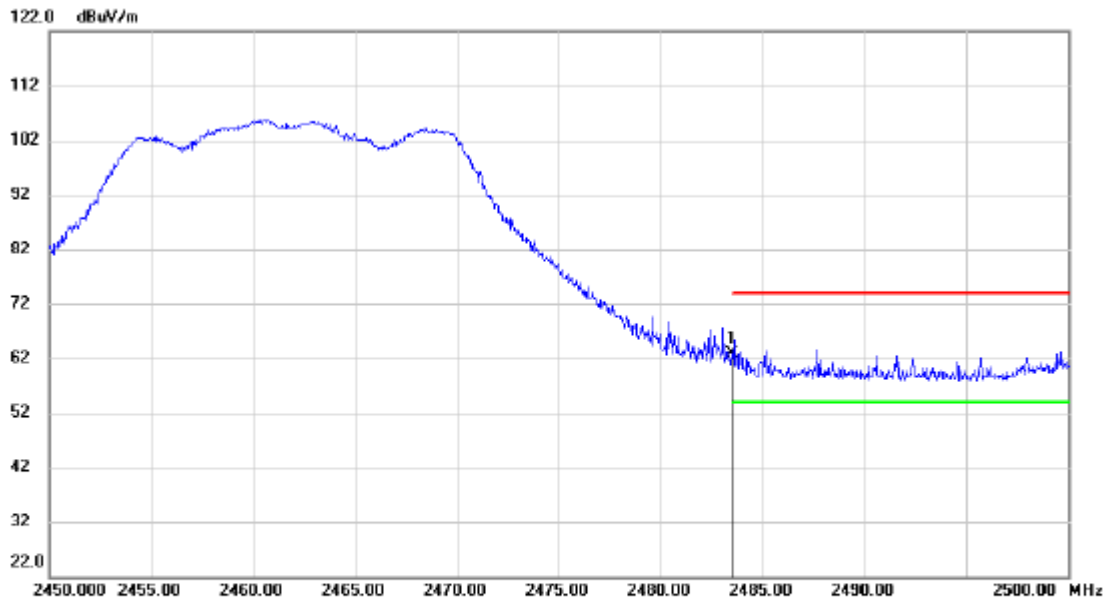
Peak





| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 19.40 | 33.24 | 52.64 | 54.00 | -1.36 | AVG |
| 2 | 2483.500 | 20.35 | 32.88 | 53.23 | 54.00 | -0.77 | AVG |

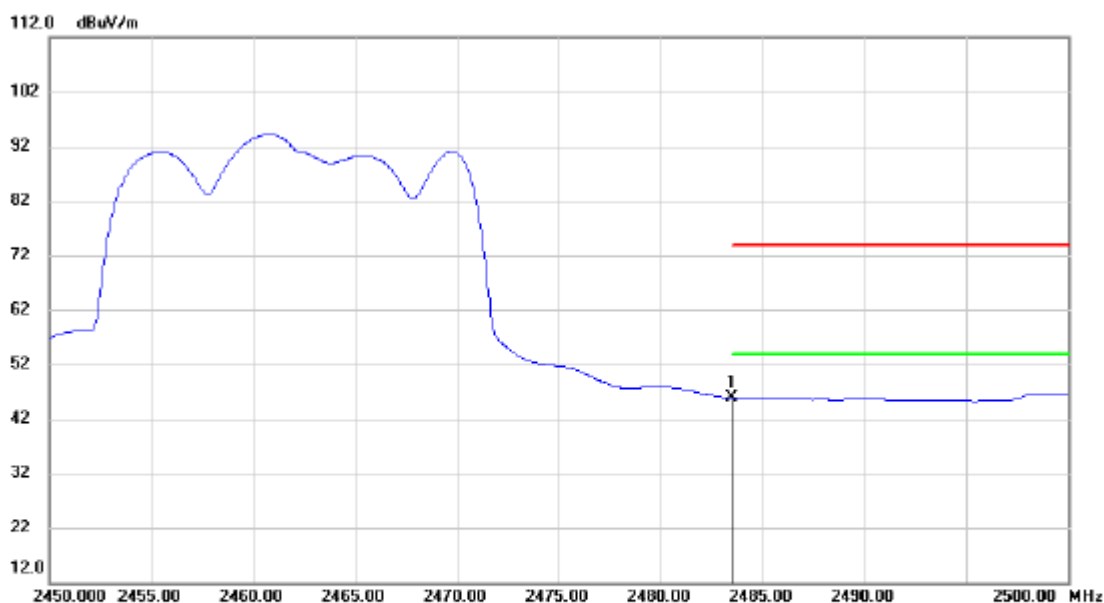
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

**RESTRICTED BANDEDGE (CHANNEL11, HORIZONTAL)****Peak**

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 2483.500 | 30.04 | 32.78 | 62.82 | 74.00 | -11.18 | peak | | |



AVG

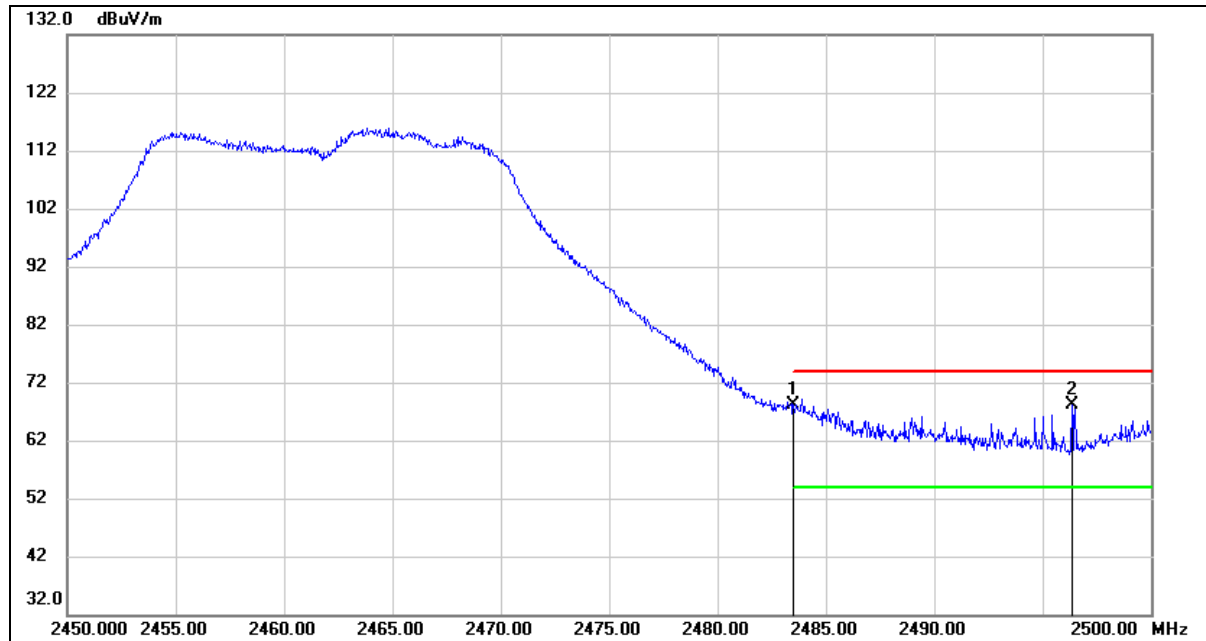


| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 2483.500 | 13.03 | 32.78 | 45.81 | 54.00 | -8.19 | AVG | | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



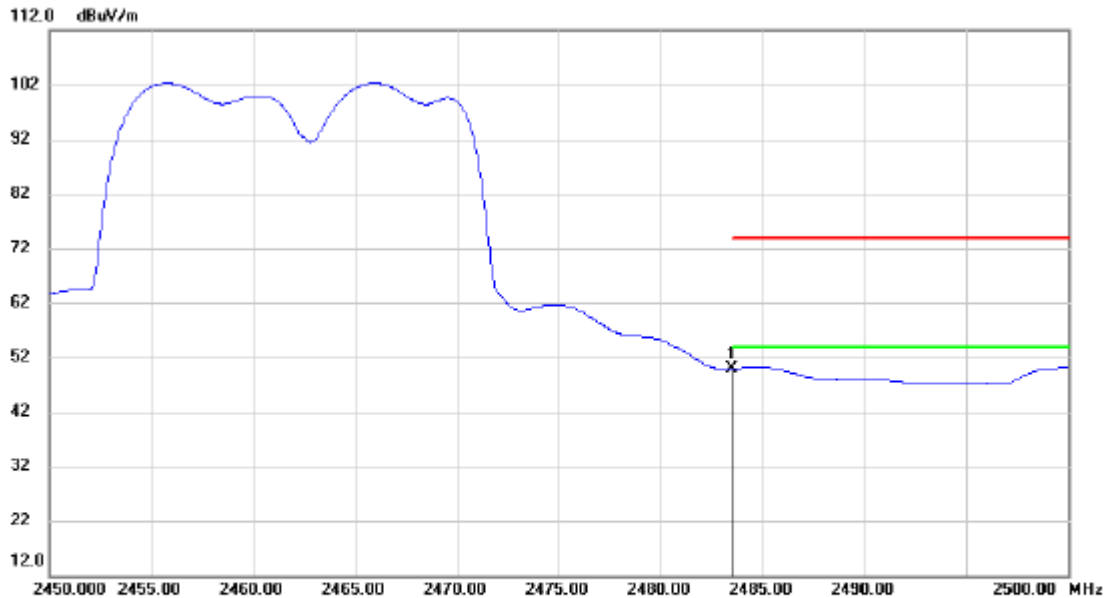
RESTRICTED BANDEGE (CHANNEL11, VERTICAL)
Peak



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 35.24 | 32.88 | 68.12 | 74.00 | -5.88 | peak |
| 2 | 2496.350 | 35.14 | 32.88 | 68.02 | 74.00 | -5.98 | peak |



AVG



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 2483.500 | 16.91 | 32.88 | 49.79 | 54.00 | -4.21 | AVG | | |

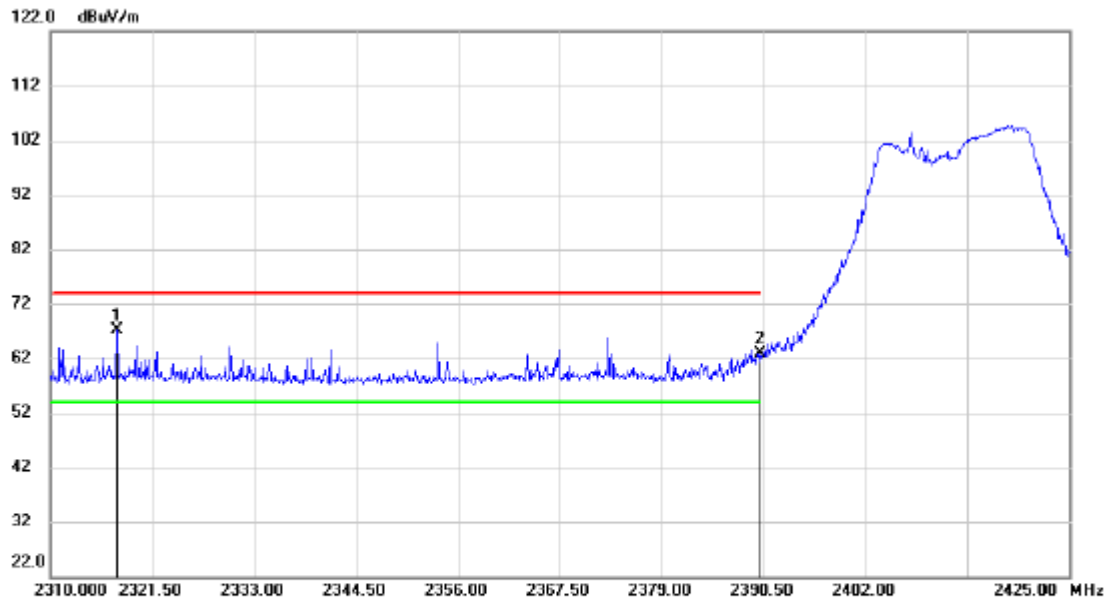
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

8.1.3. 802.11n20 MODE

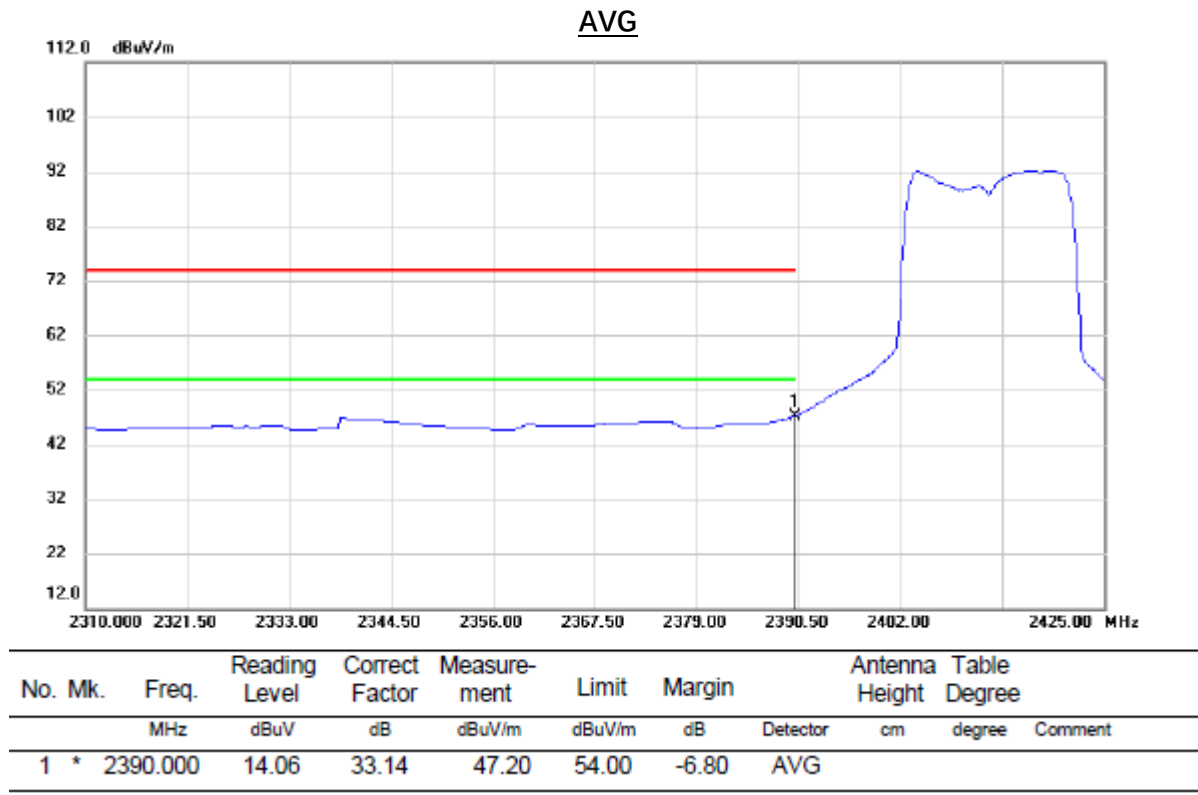
MIMO Mode (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE (CHANNEL1, HORIZONTAL)

Peak



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 2317.590 | 33.51 | 33.66 | 67.17 | 74.00 | -6.83 | peak | | |
| 2 | | 2390.000 | 29.72 | 33.14 | 62.86 | 74.00 | -11.14 | peak | | |

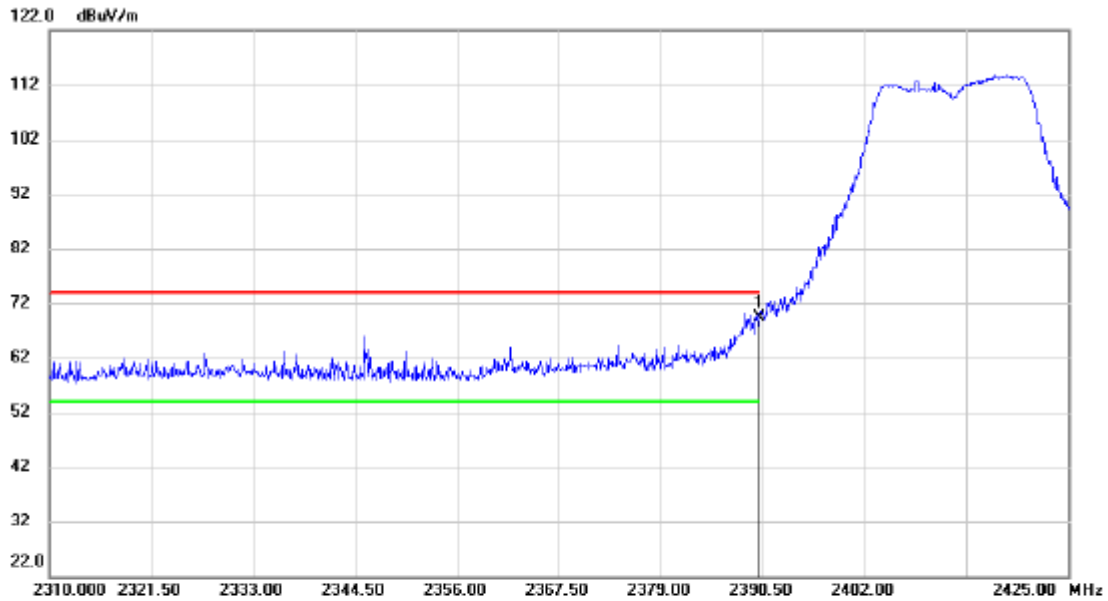


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL1, VERTICAL)

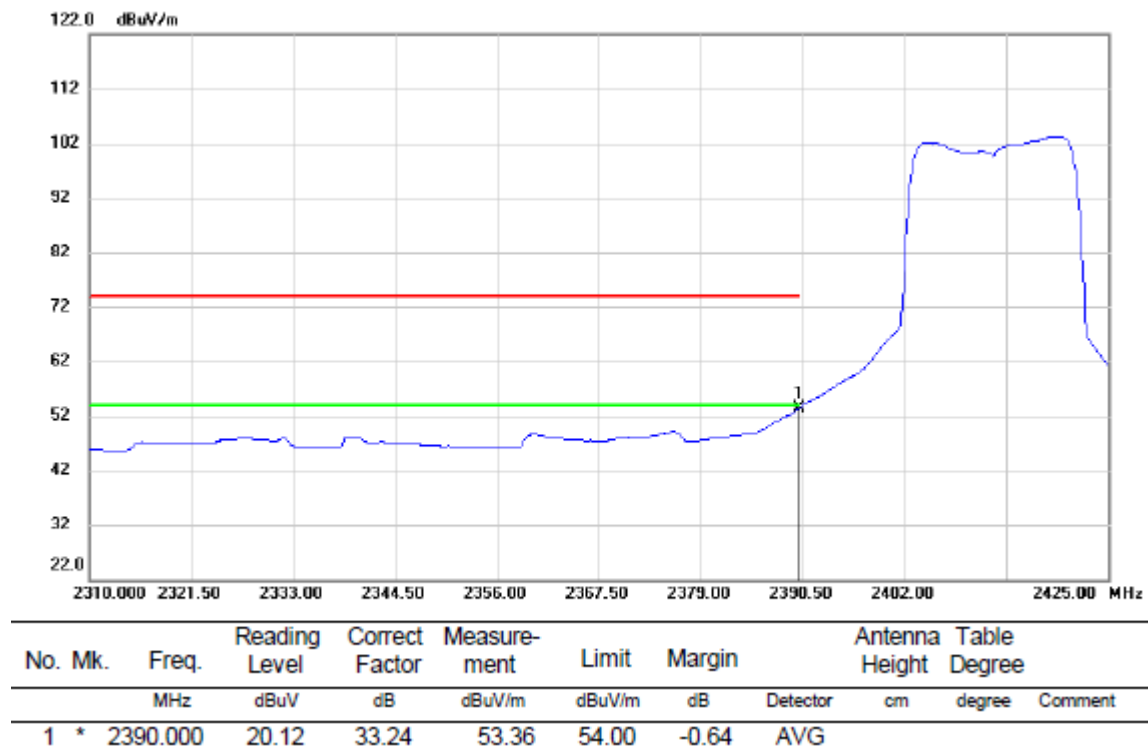
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 2390.000 | 36.05 | 33.24 | 69.29 | 74.00 | -4.71 | peak | | |



AVG

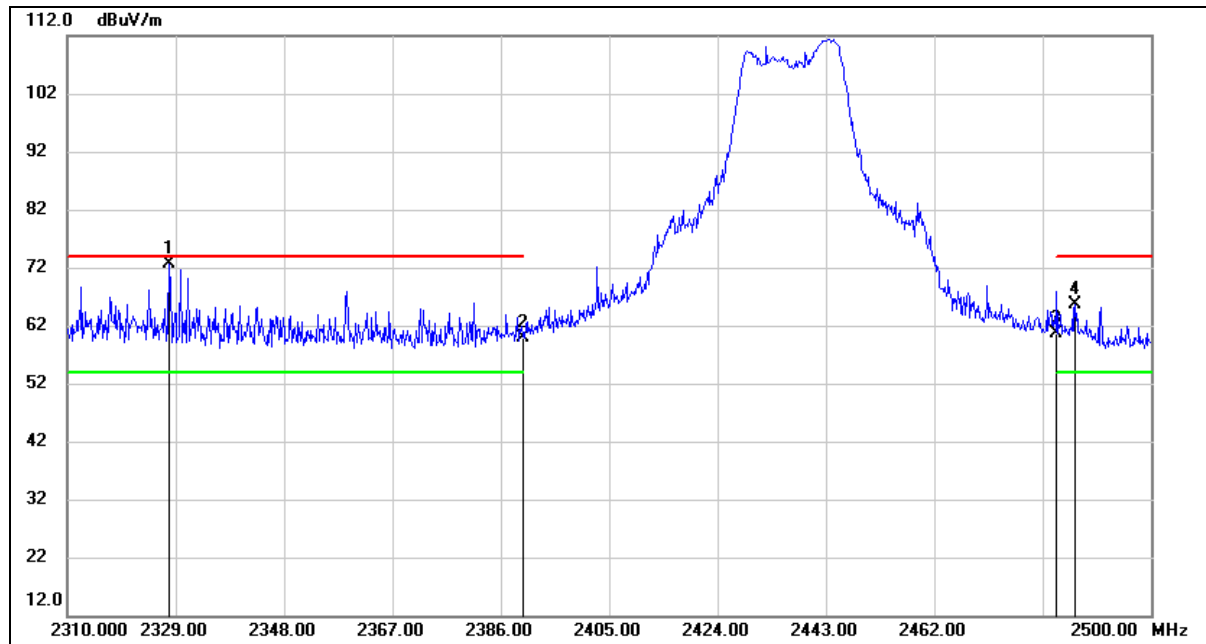


- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

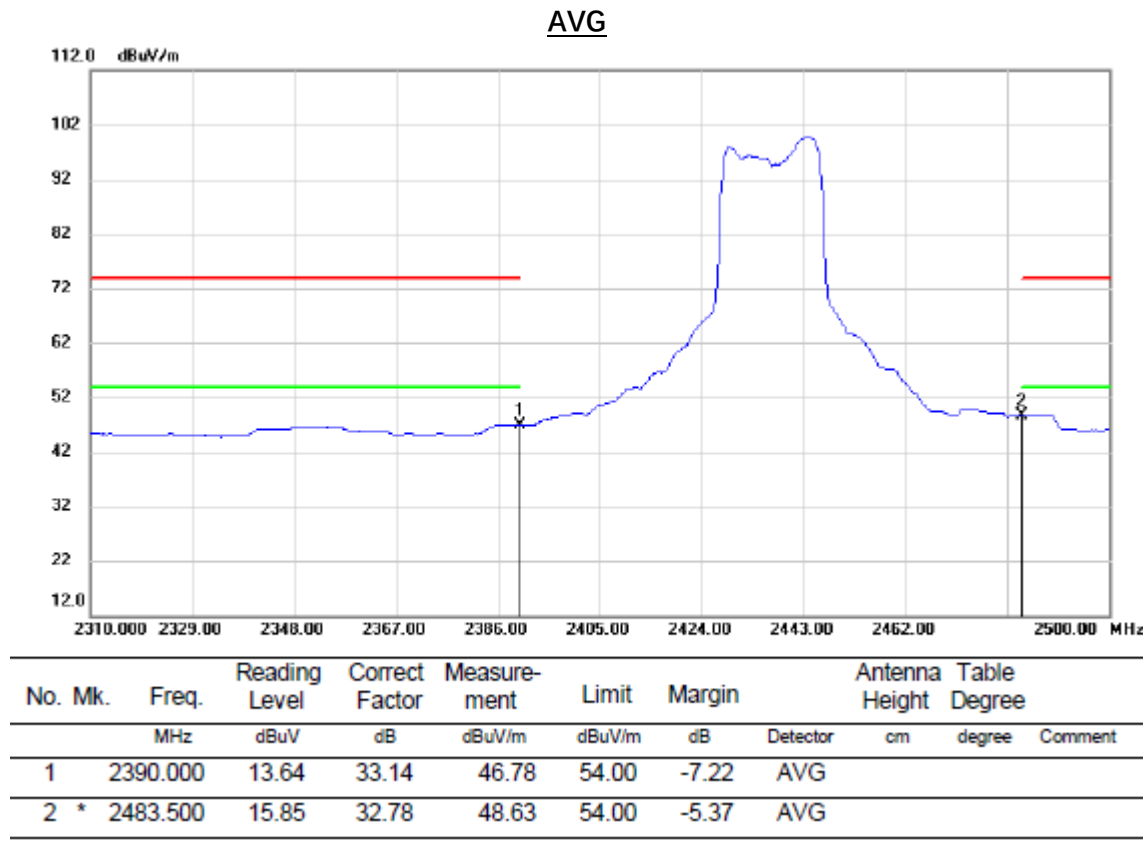


RESTRICTED BANDEDGE (CHANNEL6, HORIZONTAL)

Peak



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2327.860 | 38.99 | 33.59 | 72.58 | 74.00 | -1.42 | peak |
| 2 | 2390.000 | 26.80 | 33.14 | 59.94 | 74.00 | -14.06 | peak |
| 3 | 2483.500 | 27.96 | 32.78 | 60.74 | 74.00 | -13.26 | peak |
| 4 | 2486.700 | 32.88 | 32.79 | 65.67 | 74.00 | -8.33 | peak |

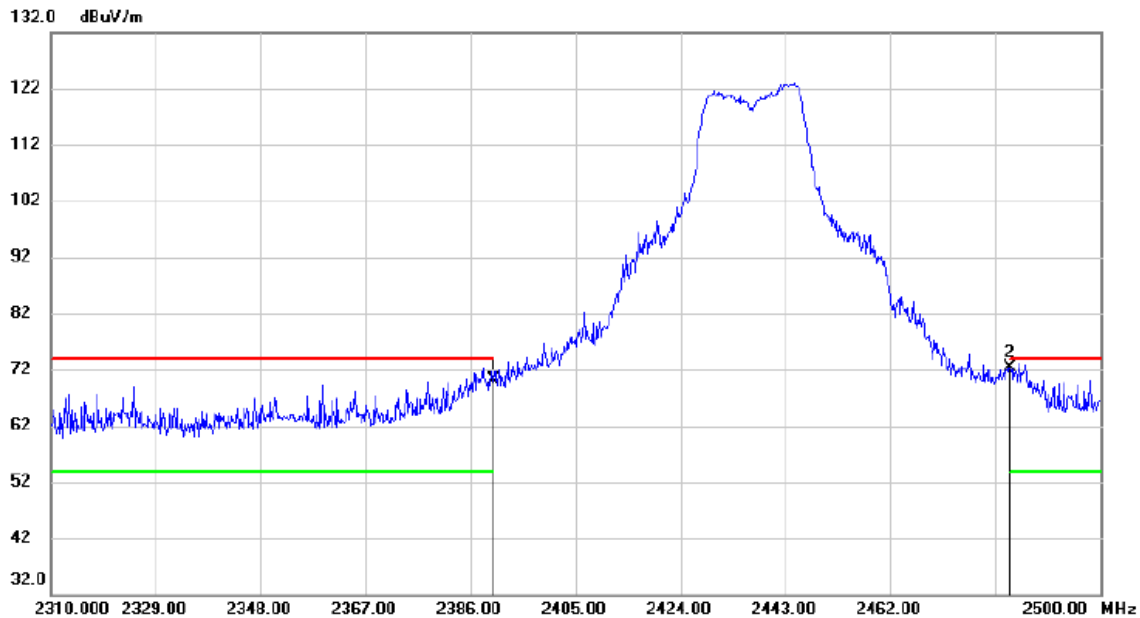


- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, VERTICAL)

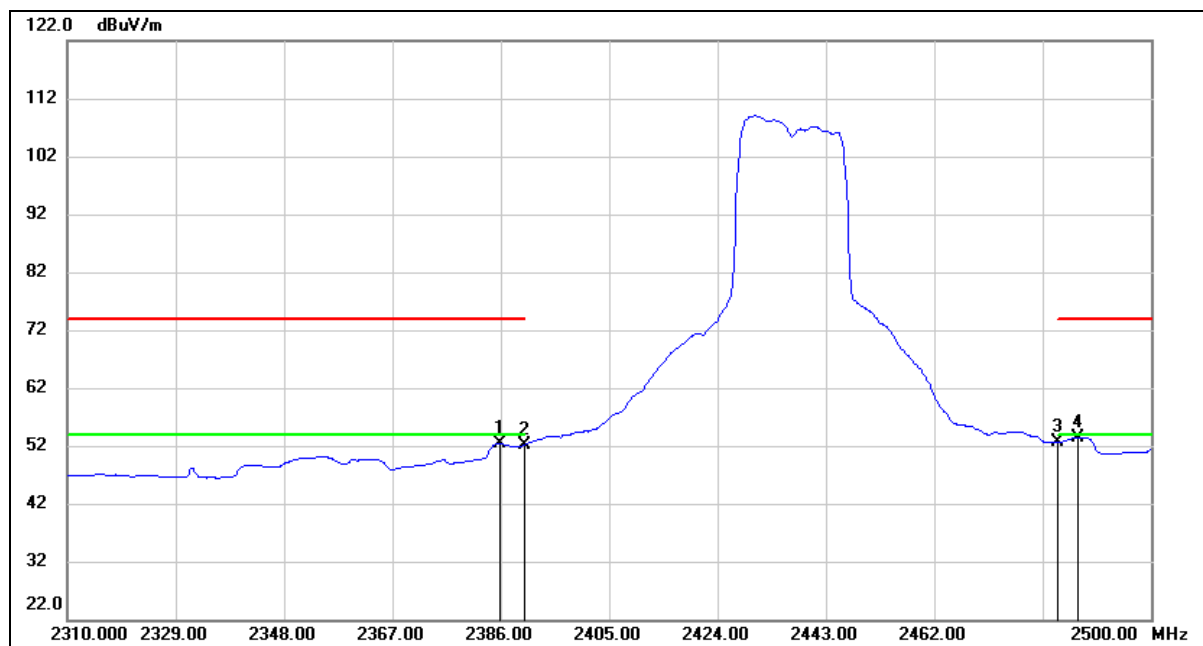
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | Comment |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 2390.000 | 36.80 | 33.24 | 70.04 | 74.00 | -3.96 | peak | | |
| 2 | * | 2483.500 | 39.59 | 32.88 | 72.47 | 74.00 | -1.53 | peak | | |



AVG



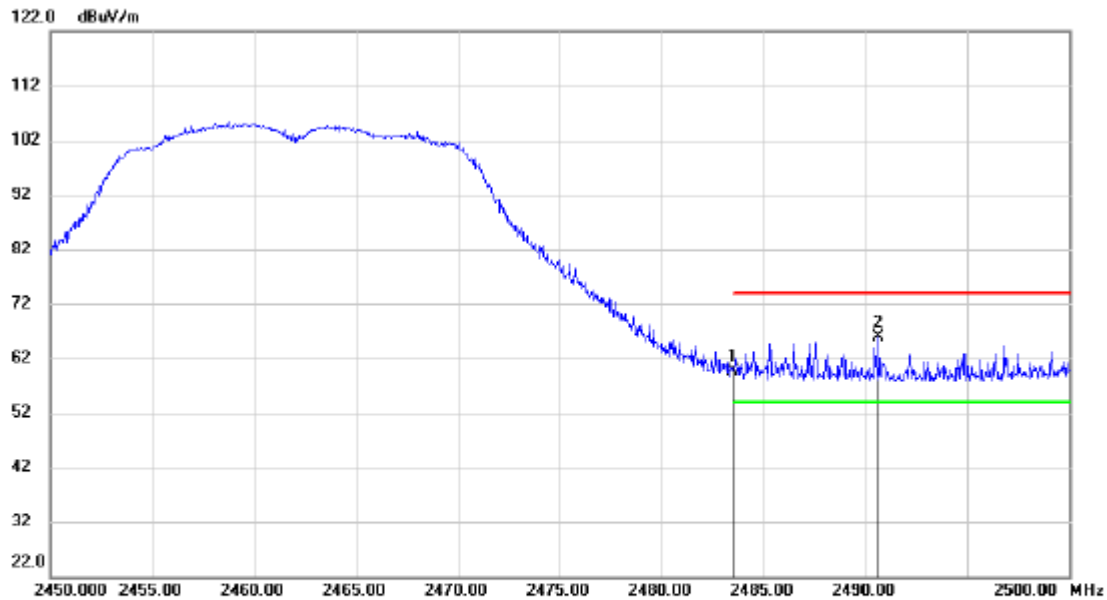
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2385.810 | 19.06 | 33.27 | 52.33 | 54.00 | -1.67 | AVG |
| 2 | 2390.000 | 18.98 | 33.24 | 52.22 | 54.00 | -1.78 | AVG |
| 3 | 2483.500 | 19.65 | 32.88 | 52.53 | 54.00 | -1.47 | AVG |
| 4 | 2487.270 | 20.53 | 32.89 | 53.42 | 54.00 | -0.58 | AVG |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

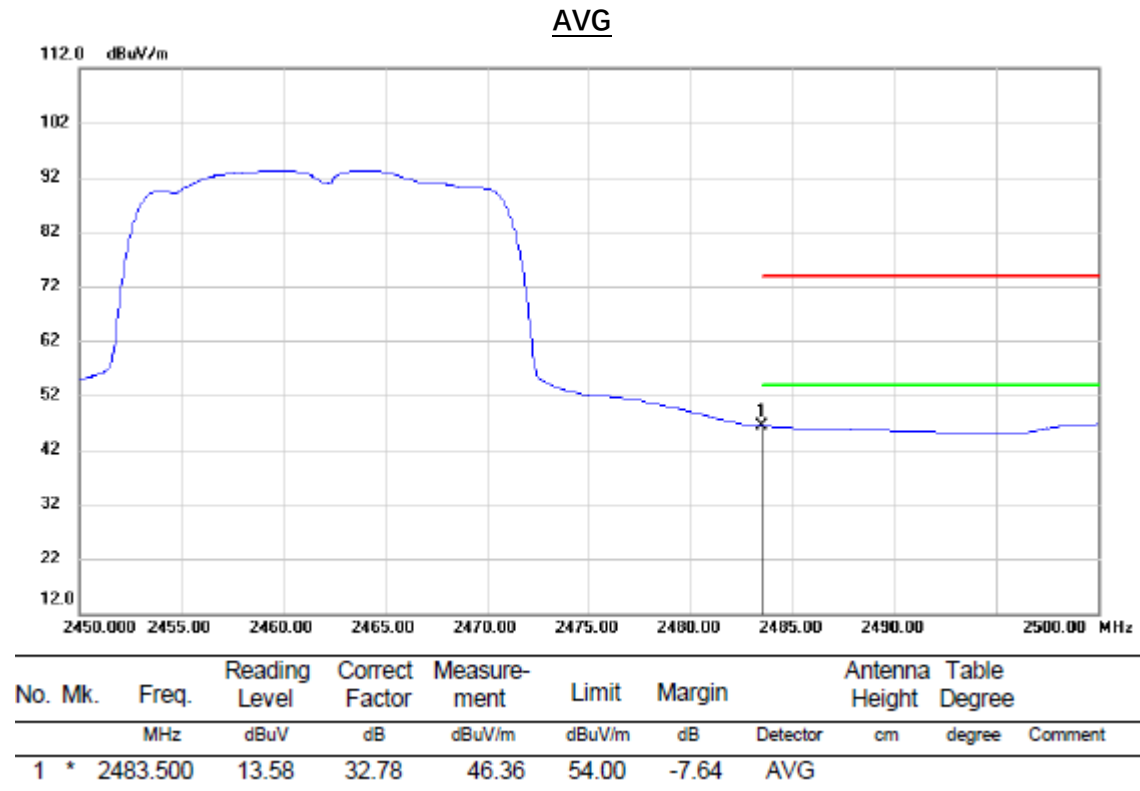


RESTRICTED BANDEDGE (CHANNEL11, HORIZONTAL)

Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 2483.500 | 26.76 | 32.78 | 59.54 | 74.00 | -14.46 | peak | | | |
| 2 | * | 2490.650 | 33.17 | 32.78 | 65.95 | 74.00 | -8.05 | peak | | | |

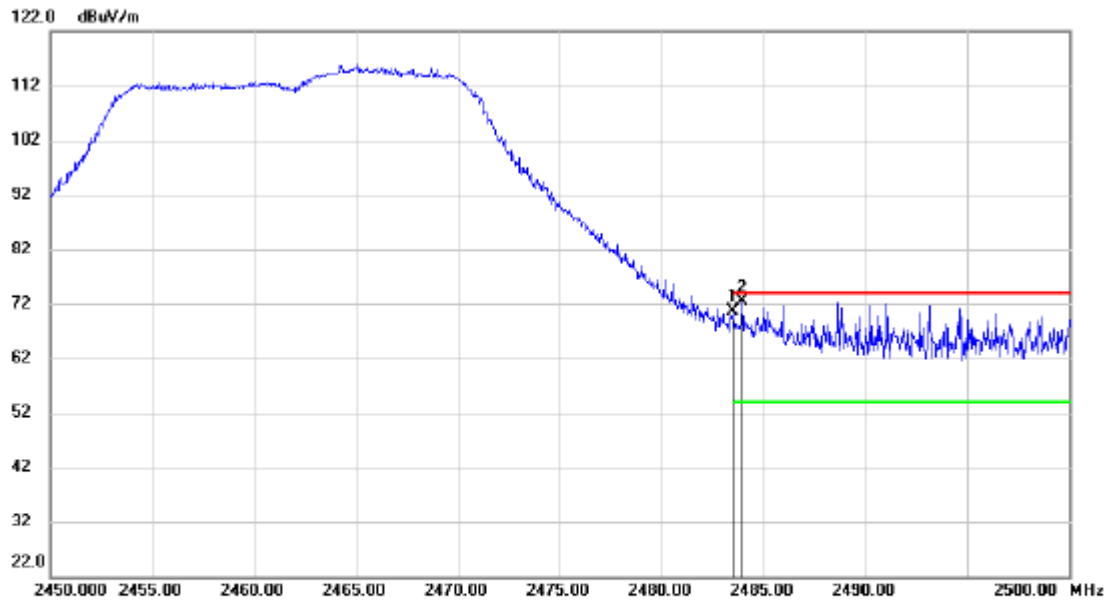


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL11, VERTICAL)

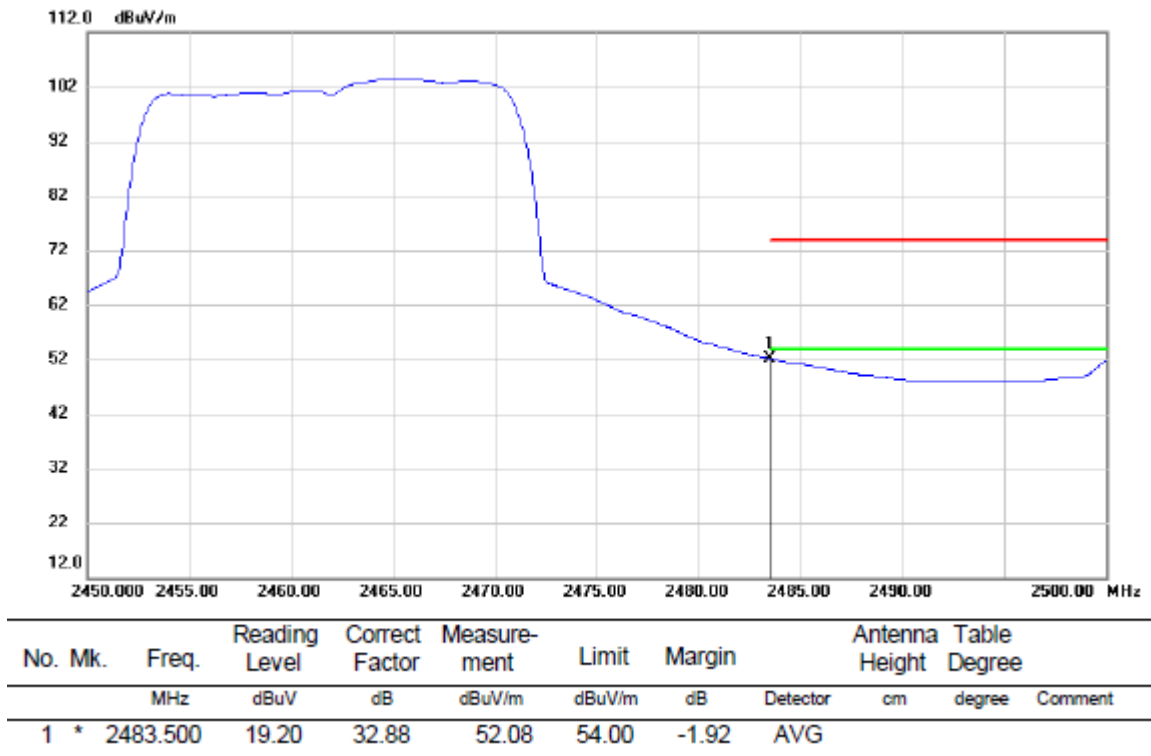
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | dBuV | Factor | ment | dBuV/m | dB | Height | Degree | |
| | | | | | dBuV/m | | | cm | degree | Comment |
| 1 | | 2483.500 | 37.67 | 32.88 | 70.55 | 74.00 | -3.45 | peak | | |
| 2 | * | 2483.950 | 39.61 | 32.88 | 72.49 | 74.00 | -1.51 | peak | | |



AVG



- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

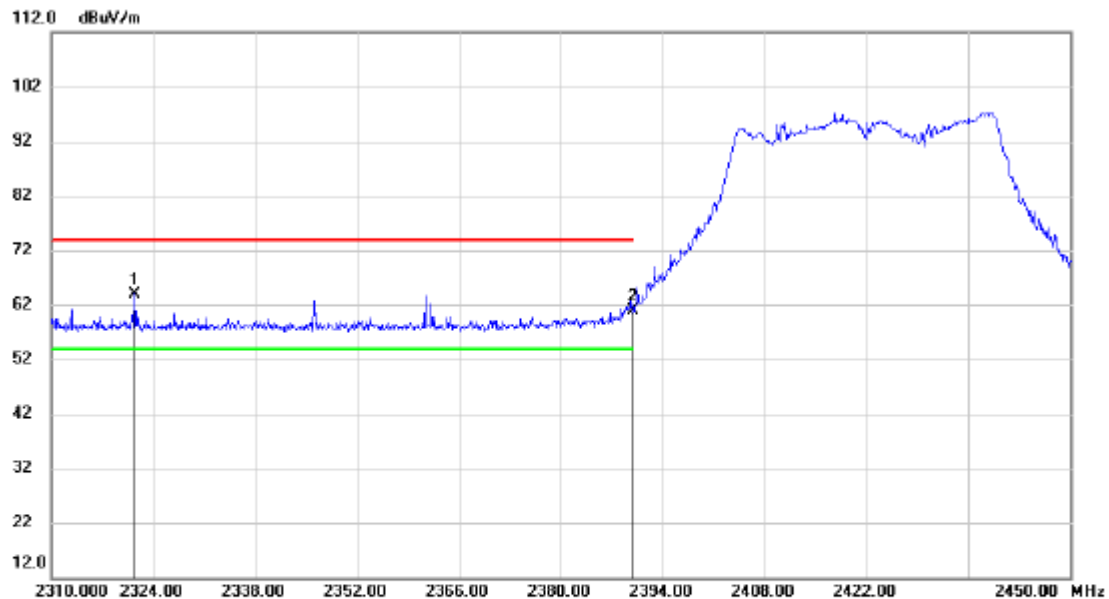


8.1.4. 802.11n40 MODE

MIMO Mode (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE (CHANNEL3, HORIZONTAL)

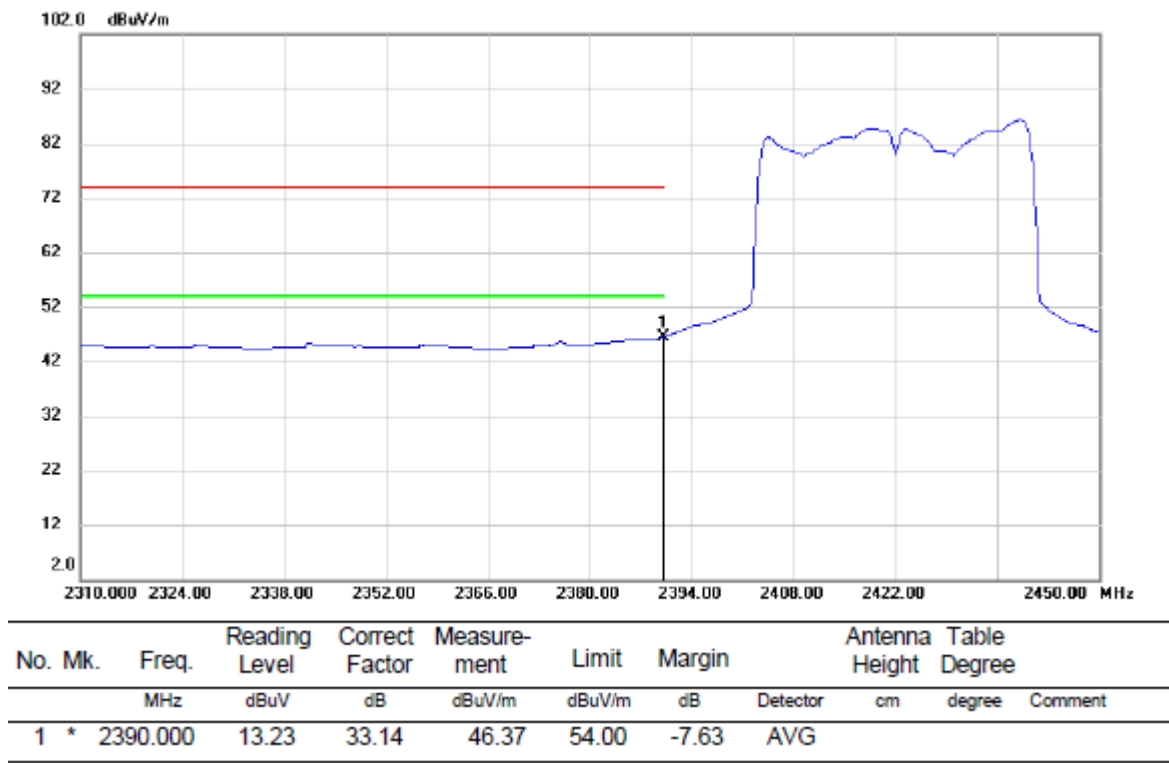
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 2321.480 | 30.36 | 33.64 | 64.00 | 74.00 | -10.00 | peak | | |
| 2 | | 2390.000 | 27.80 | 33.14 | 60.94 | 74.00 | -13.06 | peak | | |



AVG

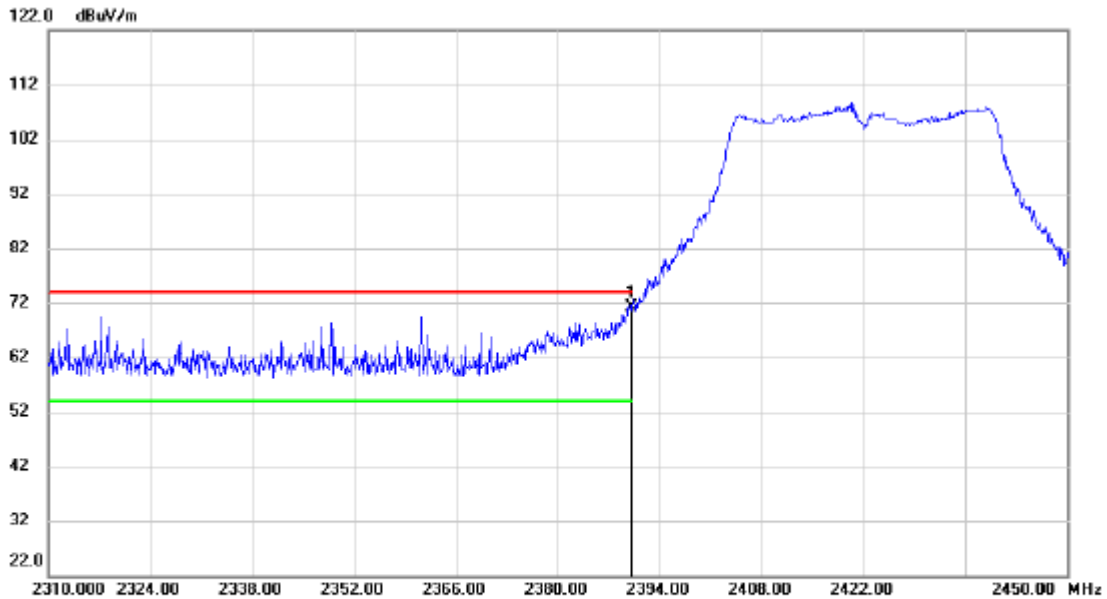


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL3, VERTICAL)

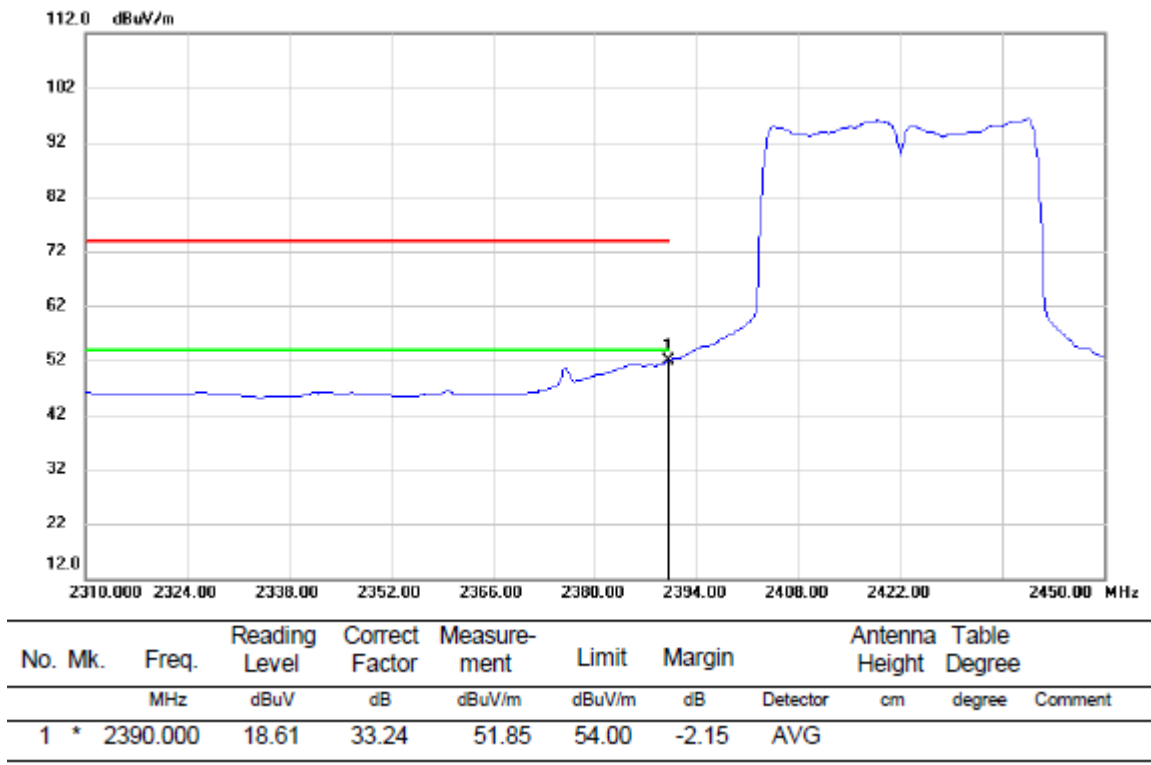
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | dBuV | Factor | ment | dBuV/m | dB | Height | Degree | |
| 1 | * | 2390.000 | 37.84 | 33.24 | 71.08 | 74.00 | -2.92 | cm | degree | Comment |
| | | | | | | | peak | | | |



AVG

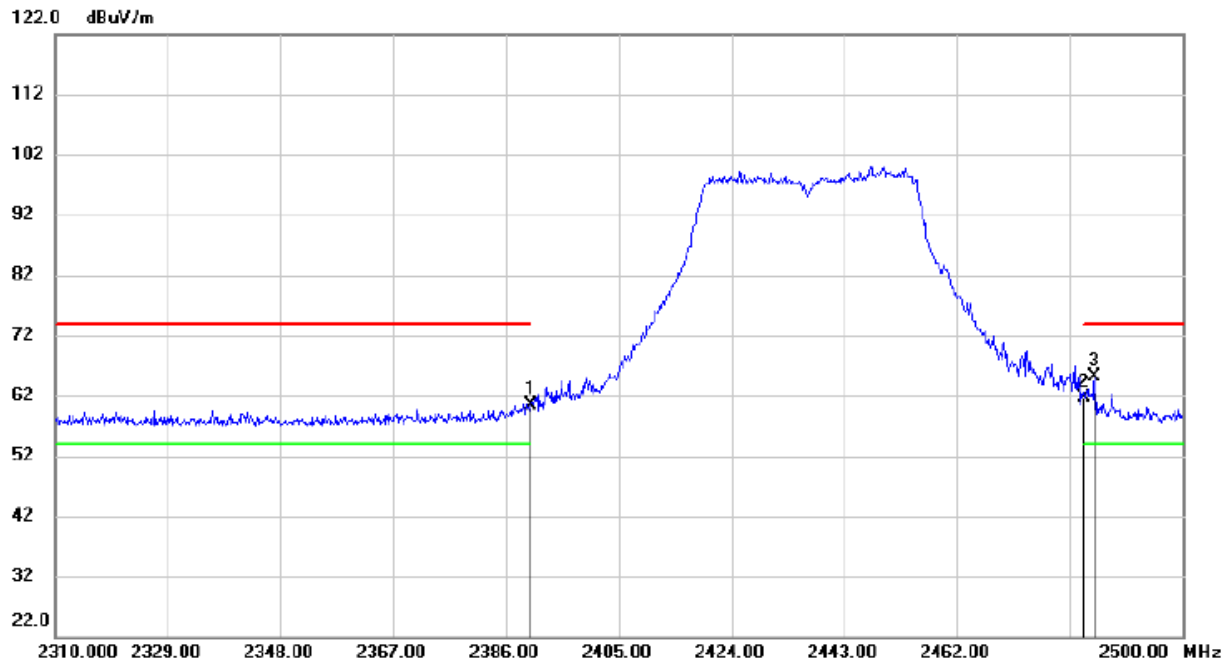


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, HORIZONTAL)

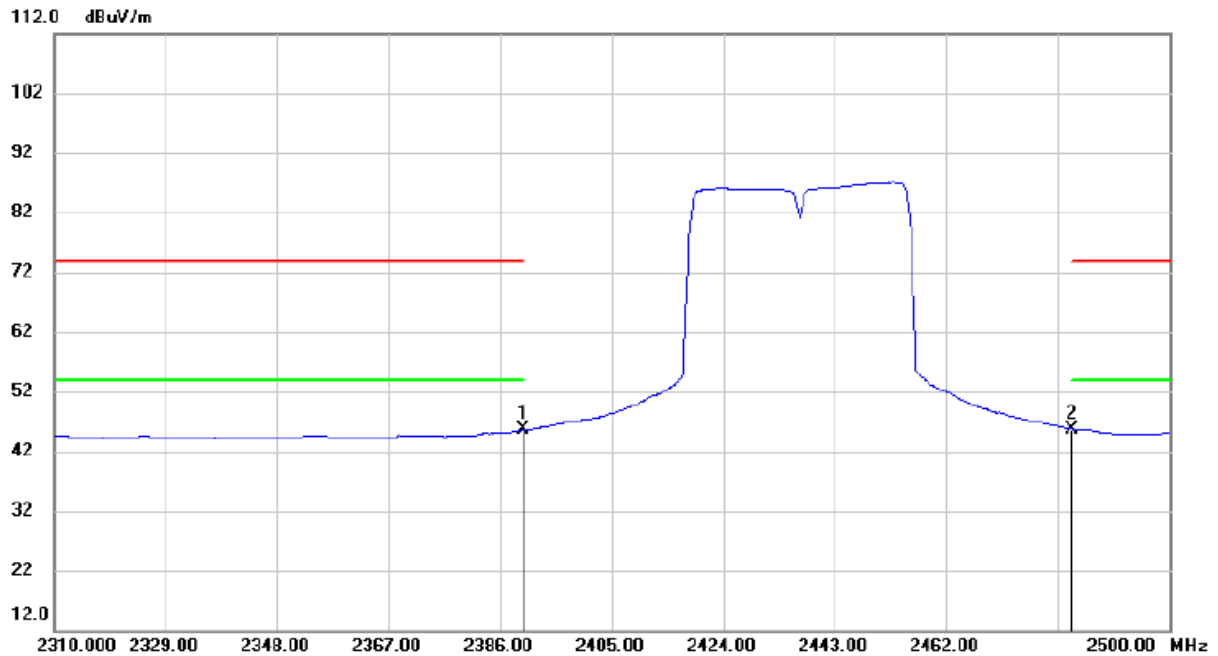
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 2390.000 | 27.26 | 33.14 | 60.40 | 74.00 | -13.60 | peak | | |
| 2 | | 2483.500 | 28.81 | 32.78 | 61.59 | 74.00 | -12.41 | peak | | |
| 3 | * | 2485.180 | 32.26 | 32.78 | 65.04 | 74.00 | -8.96 | peak | | |



AVG



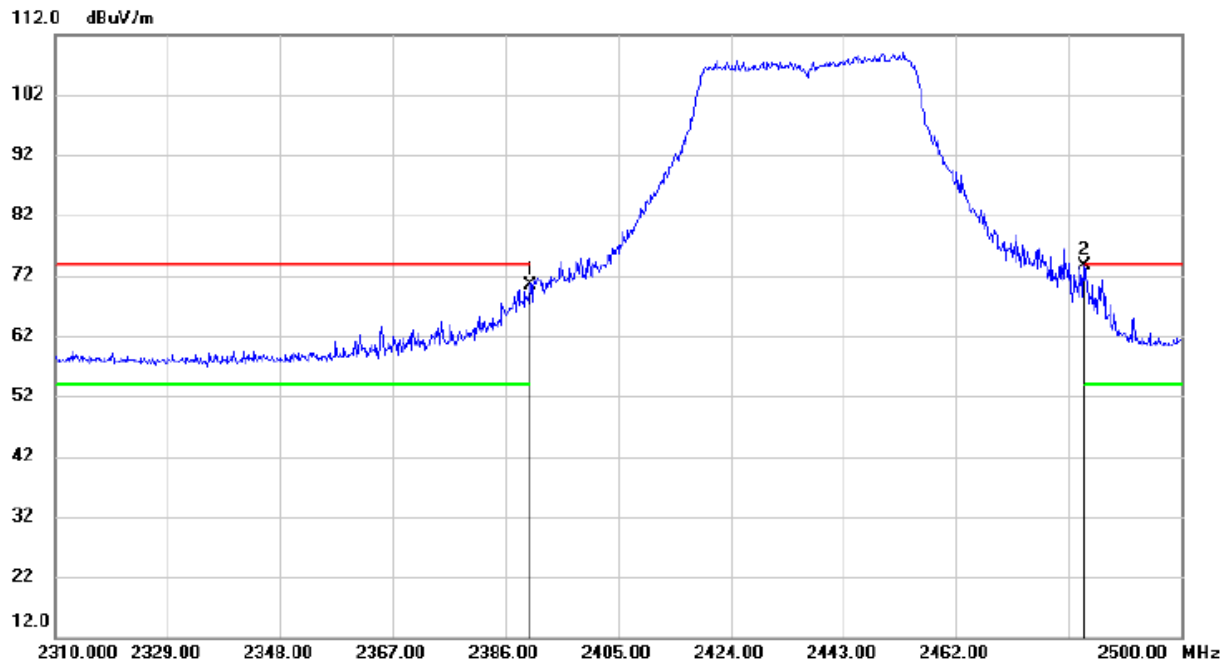
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 2390.000 | 12.37 | 33.14 | 45.51 | 54.00 | -8.49 | AVG | | |
| 2 | * | 2483.500 | 12.93 | 32.78 | 45.71 | 54.00 | -8.29 | AVG | | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

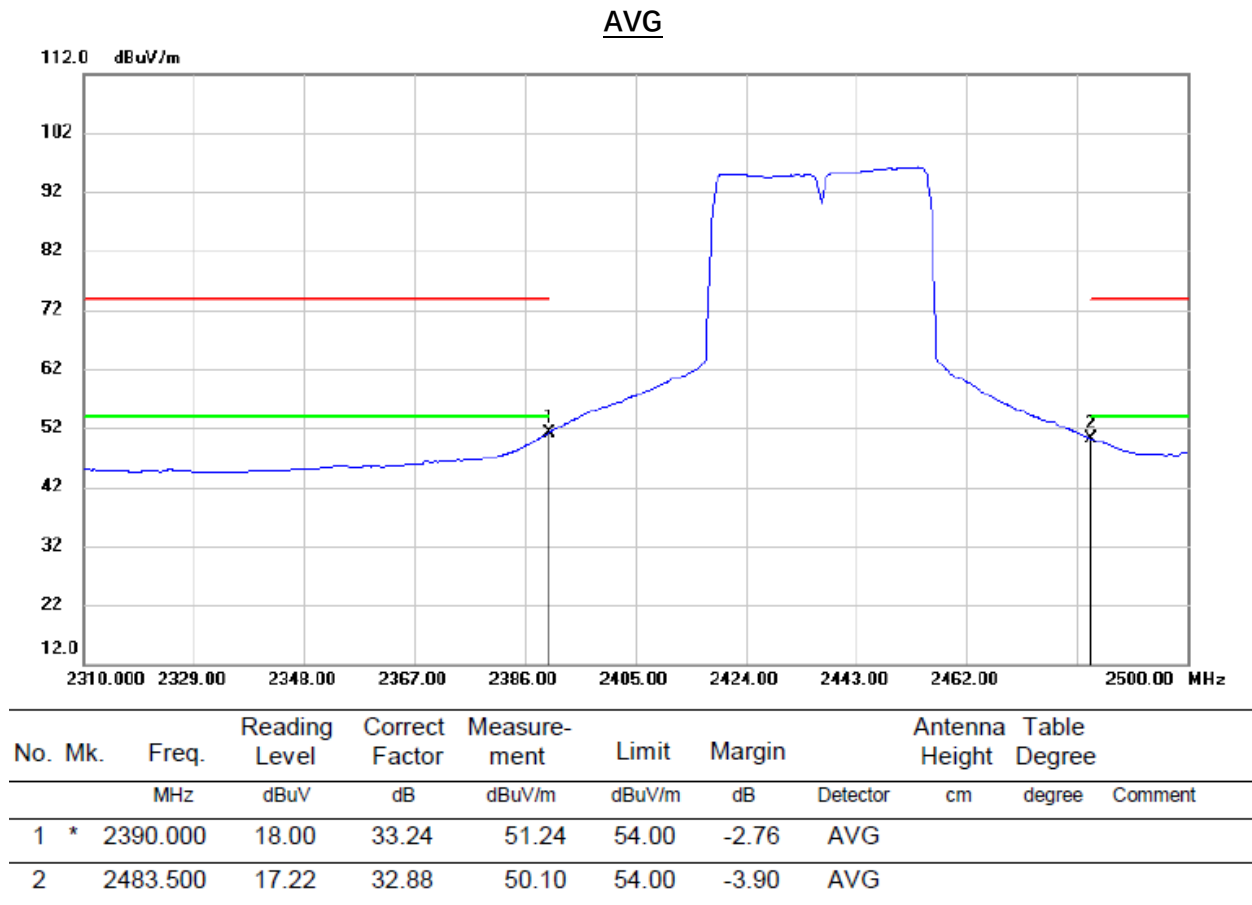


RESTRICTED BANDEDGE (CHANNEL6, VERTICAL)

Peak



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|-------------------|-----------------|--------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 2390.000 | 37.26 | 33.24 | 70.50 | 74.00 | -3.50 | peak | | |
| 2 | * | 2483.500 | 40.73 | 32.88 | 73.61 | 74.00 | -0.39 | peak | | |

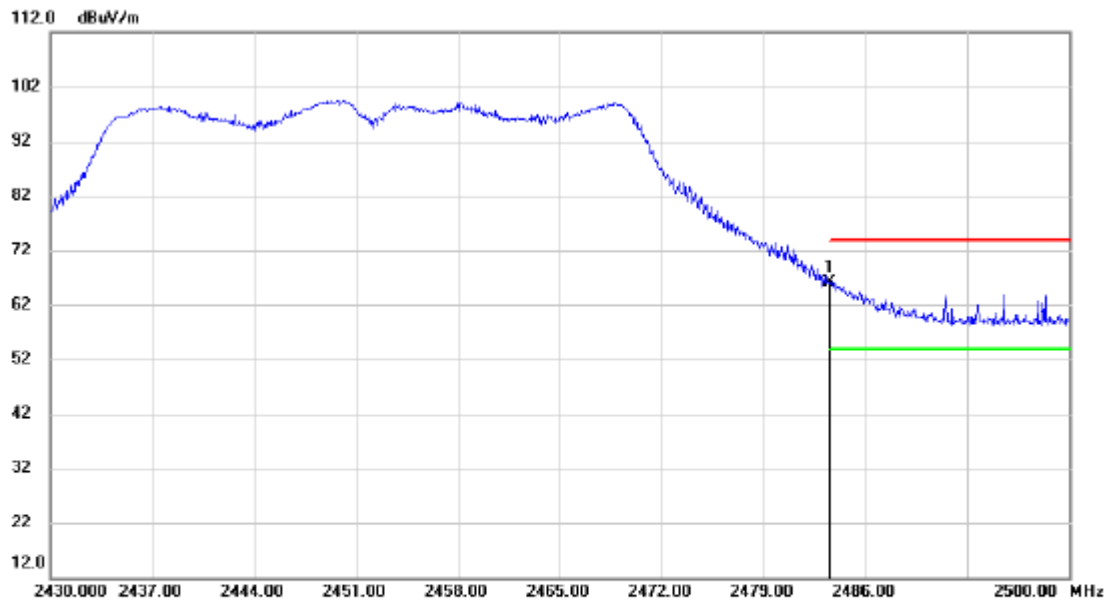


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL9, HORIZONTAL)

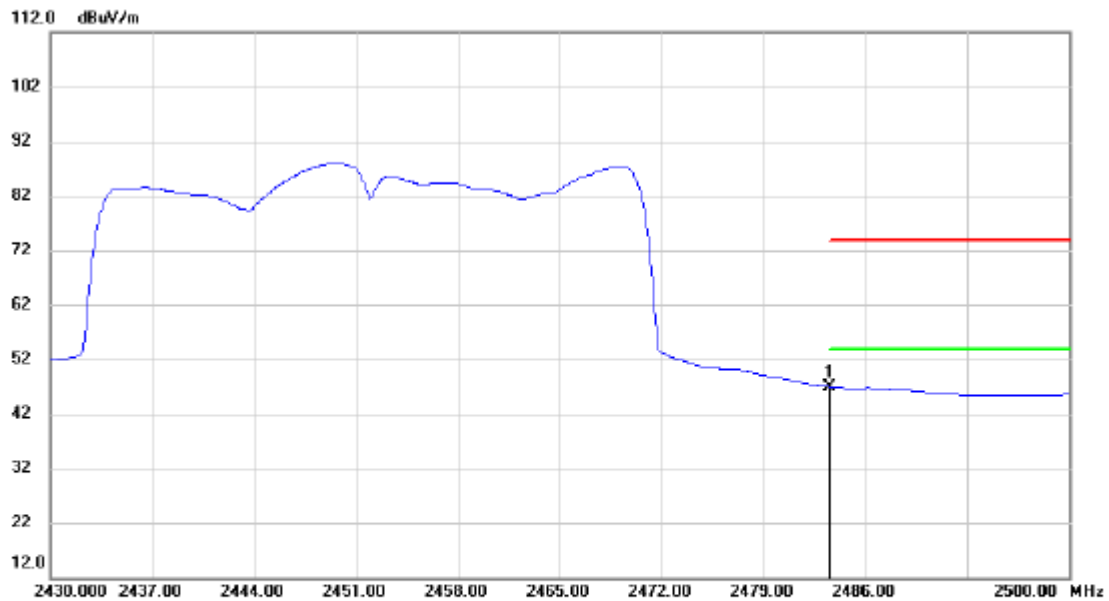
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 2483.500 | 33.24 | 32.78 | 66.02 | 74.00 | -7.98 | peak | | Comment |



AVG



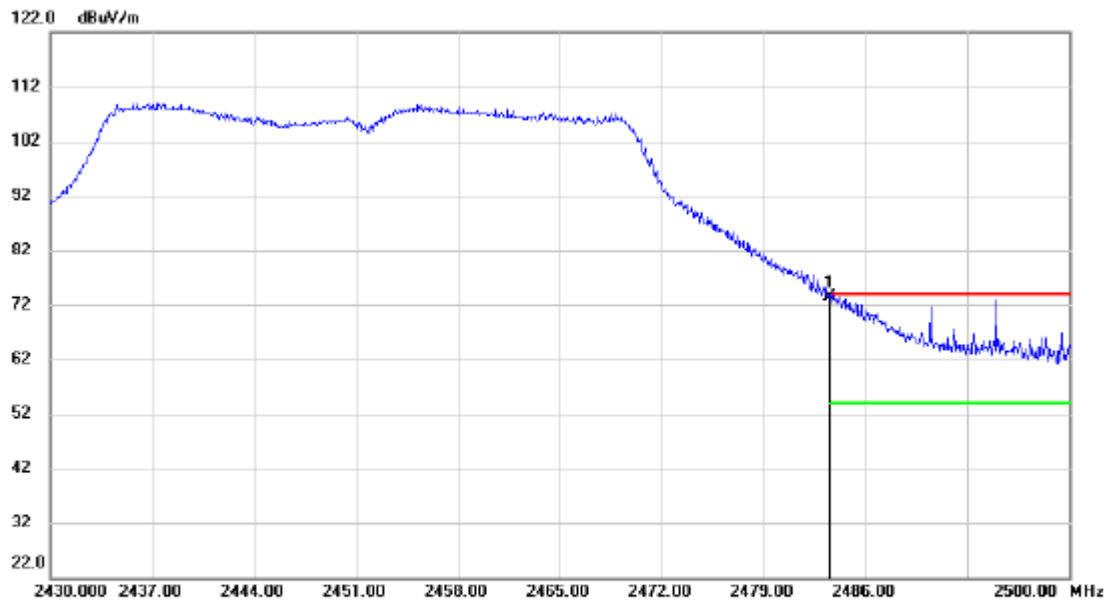
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 2483.500 | 14.20 | 32.78 | 46.98 | 54.00 | -7.02 | AVG | | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL9, VERTICAL)

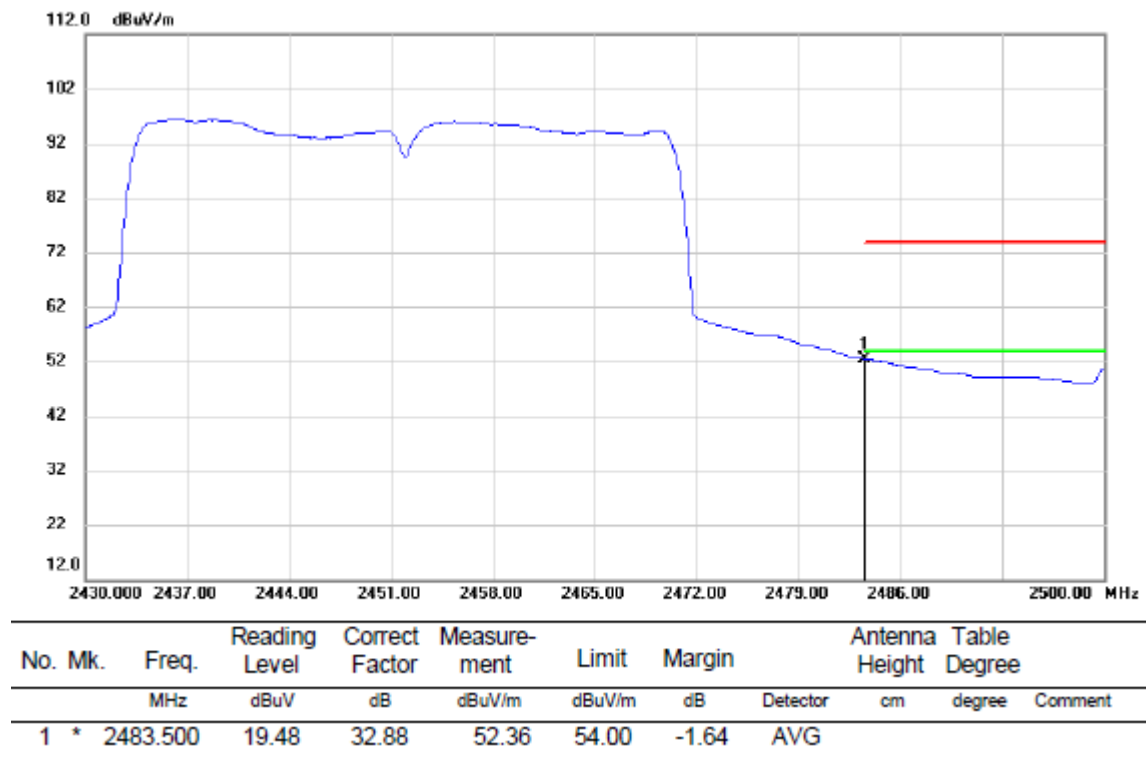
Peak



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | dBuV | Factor | ment | dBuV/m | dB | Height | Degree | Comment |
| 1 | * | 2483.500 | 40.41 | 32.88 | 73.29 | 74.00 | -0.71 | peak | | |



AVG



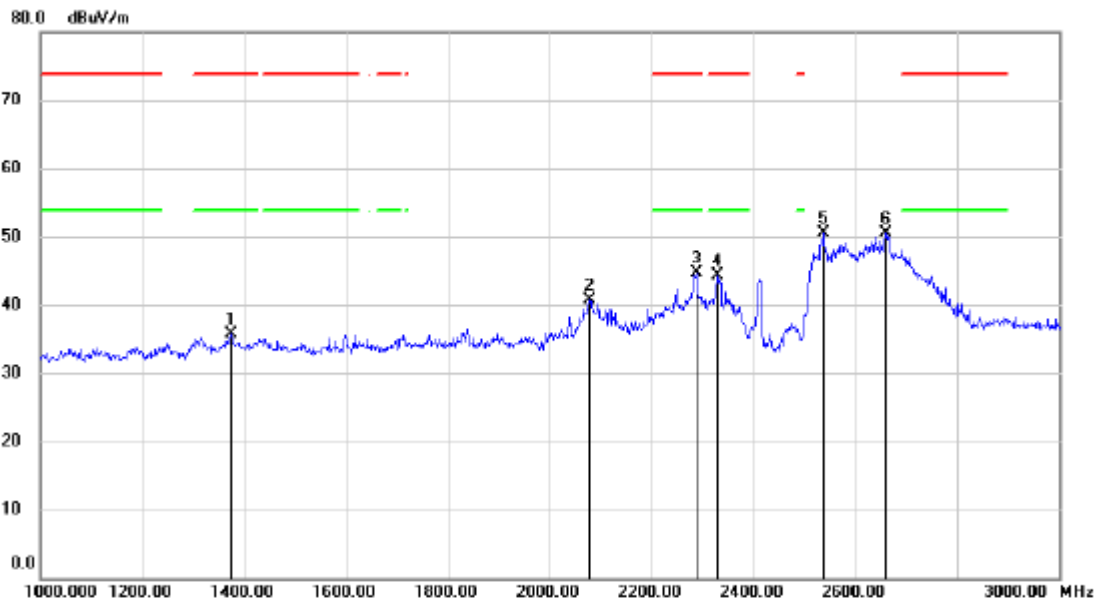
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

8.2. SPURIOUS EMISSIONS (1~18GHz)

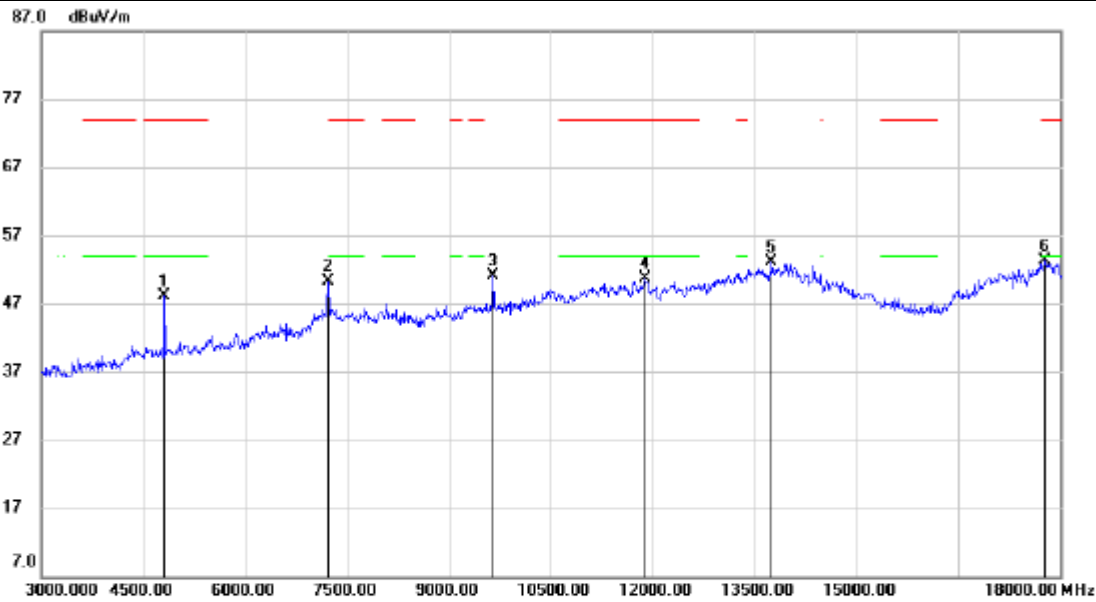
8.2.1. 802.11b MODE

SISO Ant 0 Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, HORIZONTAL)



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree degree | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|-------------------------|---------------------------|----------|---------|
| 1 | | 1374.933 | 48.01 | -12.22 | 35.79 | 74.00 | -38.21 | | | peak | |
| 2 | | 2079.533 | 50.48 | -9.83 | 40.65 | | | | | peak | |
| 3 | * | 2288.067 | 52.08 | -7.45 | 44.63 | 74.00 | -29.37 | | | peak | |
| 4 | | 2331.867 | 51.88 | -7.62 | 44.26 | 74.00 | -29.74 | | | peak | |
| 5 | | 2537.333 | 58.88 | -8.37 | 50.51 | | | | | peak | |
| 6 | | 2661.600 | 58.23 | -7.79 | 50.44 | | | | | peak | |



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree |
| 1 | | 4823.500 | 48.36 | -0.27 | 48.09 | 74.00 | -25.91 | peak | |
| 2 | | 7237.500 | 42.44 | 7.83 | 50.27 | | | peak | |
| 3 | | 9648.000 | 39.79 | 11.24 | 51.03 | | | peak | |
| 4 | | 11883.50 | 33.90 | 16.81 | 50.71 | 74.00 | -23.29 | peak | |
| 5 | | 13756.00 | 32.28 | 20.83 | 53.11 | | | peak | |
| 6 | * | 17780.00 | 27.03 | 26.24 | 53.27 | 74.00 | -20.73 | peak | |

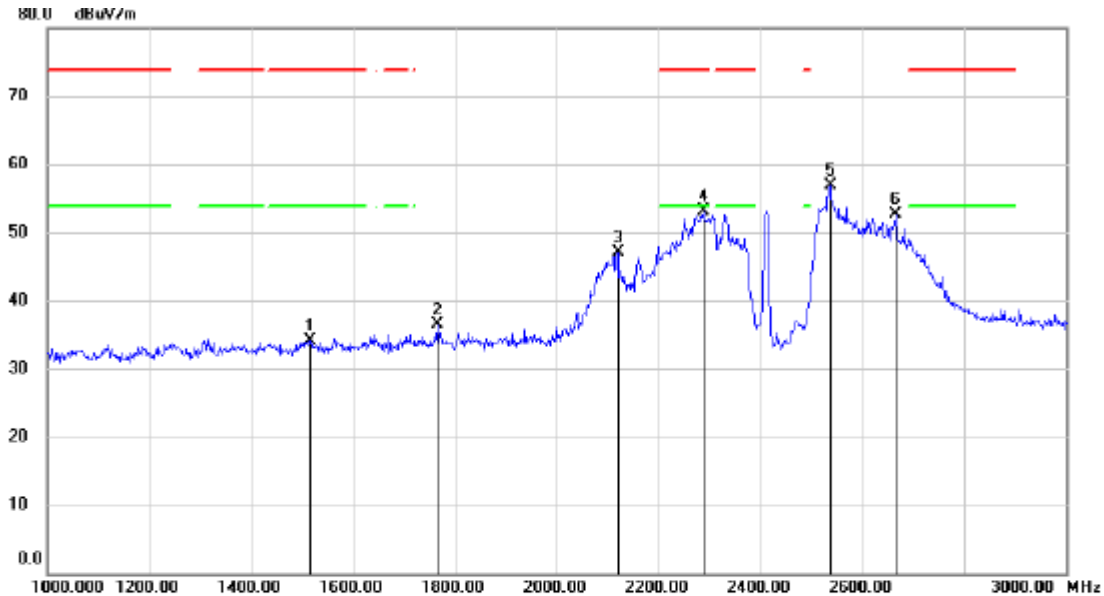
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

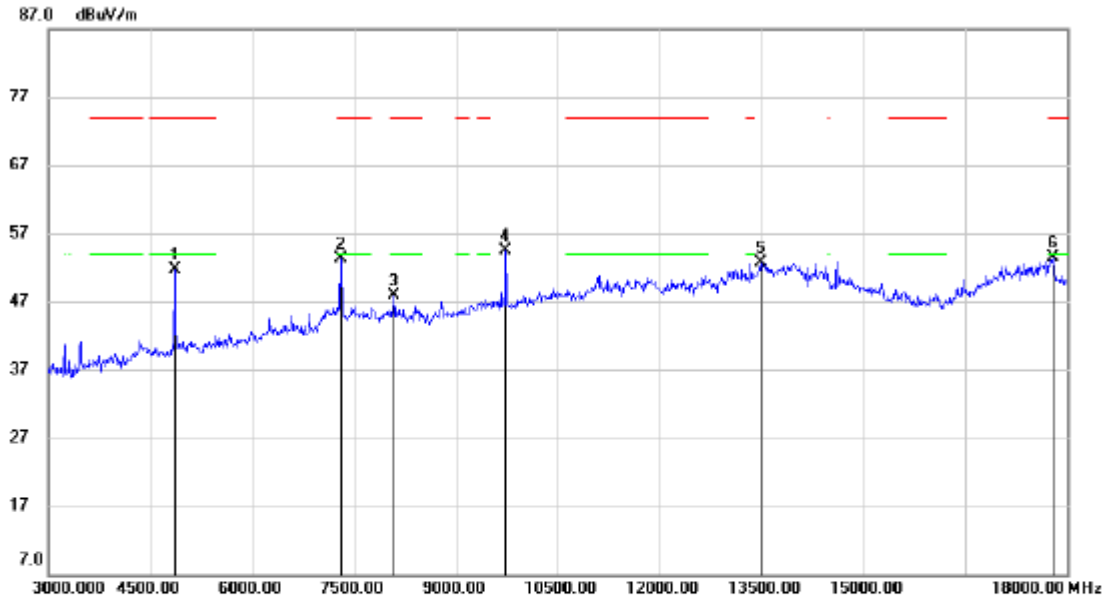
3. Peak: Peak detector.

4. AVG: VBW=10Hz.

5. For transmit duration, please refer to clause 7.1.

**HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, VERTICAL)**

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 1516.733 | 46.45 | -12.27 | 34.18 | 74.00 | -39.82 | | | peak |
| 2 | | 1767.800 | 47.64 | -11.22 | 36.42 | | | | | peak |
| 3 | | 2120.333 | 56.55 | -9.41 | 47.14 | | | | | peak |
| 4 | * | 2288.200 | 60.33 | -7.29 | 53.04 | 74.00 | -20.96 | | | peak |
| 5 | | 2537.667 | 65.17 | -8.26 | 56.91 | | | | | peak |
| 6 | | 2667.733 | 60.46 | -7.83 | 52.63 | | | | | peak |

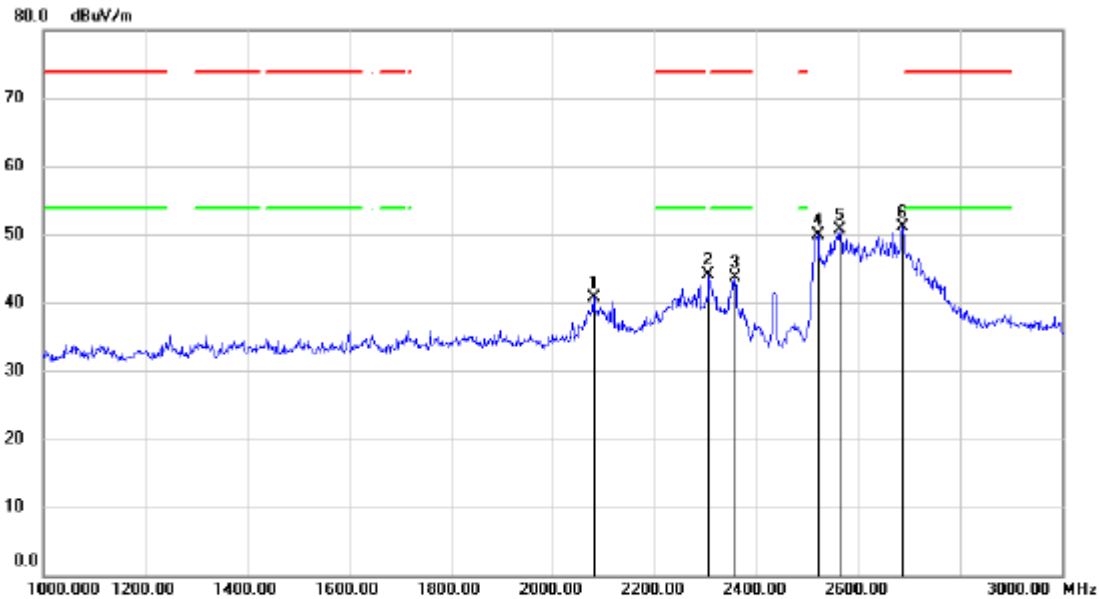


| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 4873.500 | 51.30 | 0.32 | 51.62 | 74.00 | -22.38 | | | peak |
| 2 | | 7311.500 | 45.58 | 7.75 | 53.33 | 74.00 | -20.67 | | | peak |
| 3 | | 8087.000 | 39.40 | 8.43 | 47.83 | 74.00 | -26.17 | | | peak |
| 4 | | 9748.000 | 42.89 | 11.66 | 54.55 | | | | | peak |
| 5 | | 13490.50 | 32.25 | 20.46 | 52.71 | | | | | peak |
| 6 | * | 17790.00 | 26.68 | 26.76 | 53.44 | 74.00 | -20.56 | | | peak |

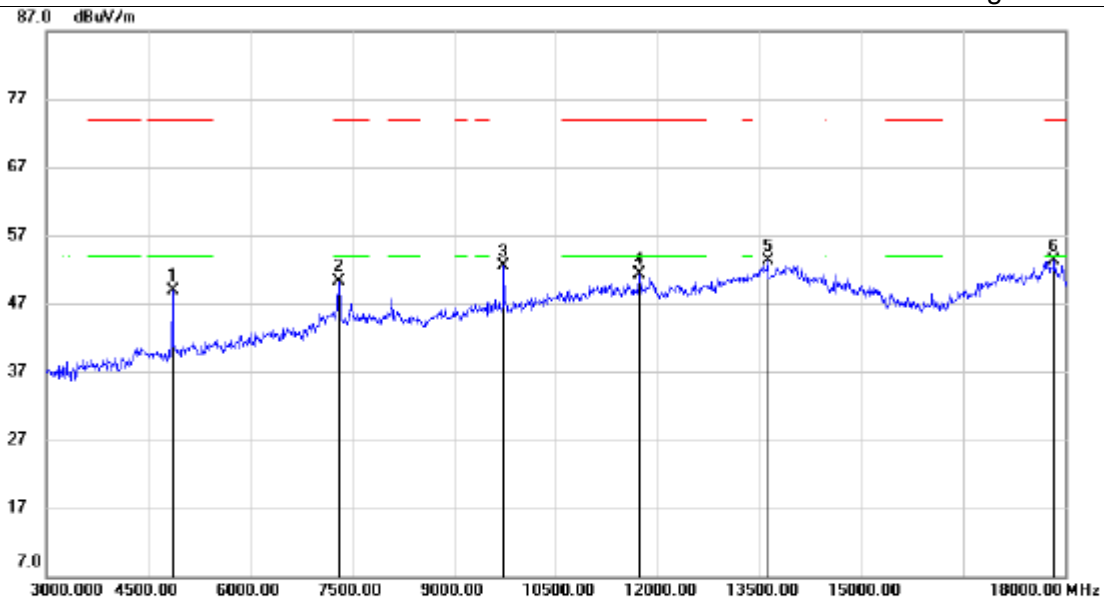
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)

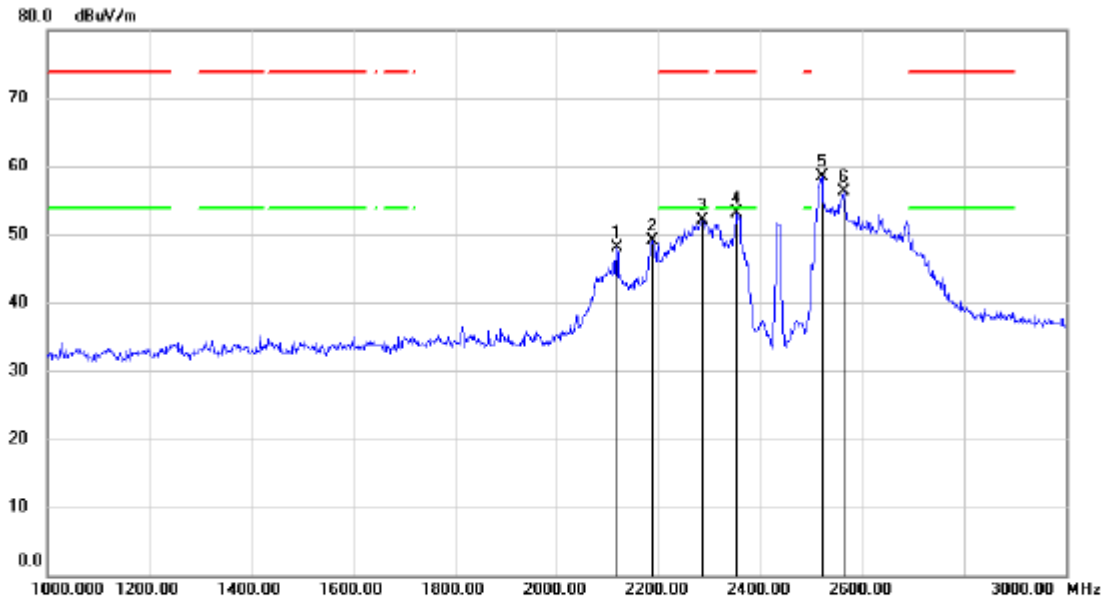


| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | Comment |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | | 2080.467 | 50.62 | -9.82 | 40.80 | | | | | peak |
| 2 | | 2307.800 | 51.62 | -7.46 | 44.16 | | | | | peak |
| 3 | * | 2359.467 | 51.59 | -7.82 | 43.77 | 74.00 | -30.23 | | | peak |
| 4 | | 2520.400 | 58.34 | -8.38 | 49.96 | | | | | peak |
| 5 | | 2565.467 | 58.99 | -8.28 | 50.71 | | | | | peak |
| 6 | | 2687.333 | 58.82 | -7.67 | 51.15 | | | | | peak |

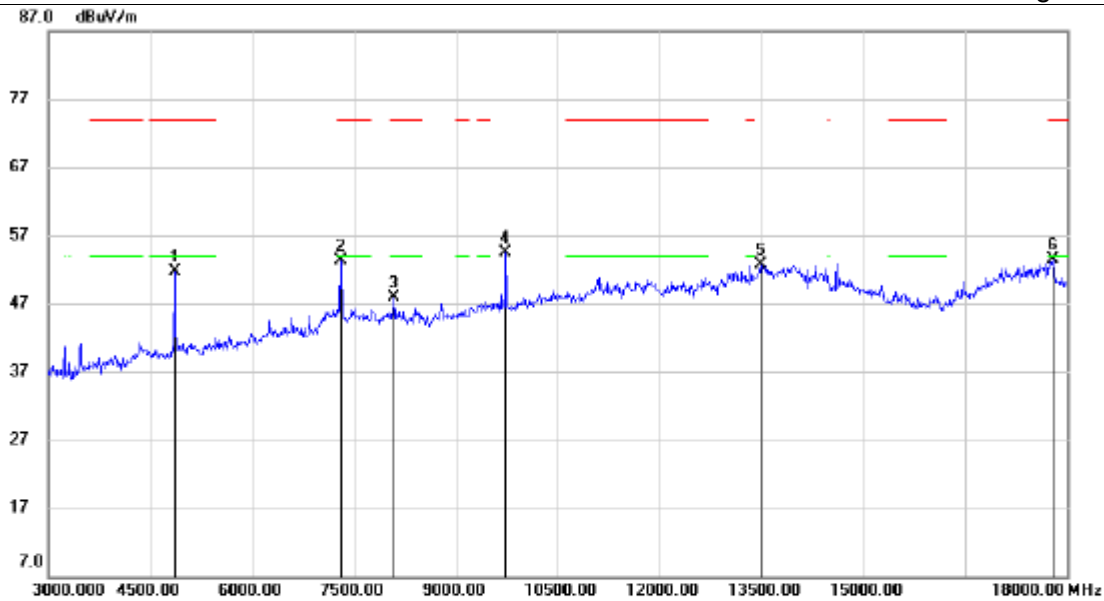


| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree |
| 1 | | 4874.000 | 48.47 | 0.37 | 48.84 | 74.00 | -25.16 | peak | |
| 2 | | 7309.500 | 42.53 | 7.75 | 50.28 | 74.00 | -23.72 | peak | |
| 3 | | 9748.000 | 40.93 | 11.56 | 52.49 | | | peak | |
| 4 | | 11742.00 | 34.87 | 16.44 | 51.31 | 74.00 | -22.69 | peak | |
| 5 | | 13631.50 | 32.74 | 20.47 | 53.21 | | | peak | |
| 6 | * | 17844.00 | 26.77 | 26.49 | 53.26 | 74.00 | -20.74 | peak | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

**HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)**

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 2119.867 | 57.44 | -9.41 | 48.03 | | | | | peak |
| 2 | | 2188.200 | 57.65 | -8.47 | 49.18 | | | | | peak |
| 3 | | 2287.867 | 59.44 | -7.30 | 52.14 | 74.00 | -21.86 | | | peak |
| 4 | * | 2355.733 | 60.83 | -7.69 | 53.14 | 74.00 | -20.86 | | | peak |
| 5 | | 2520.467 | 66.75 | -8.28 | 58.47 | | | | | peak |
| 6 | | 2565.000 | 64.49 | -8.21 | 56.28 | | | | | peak |

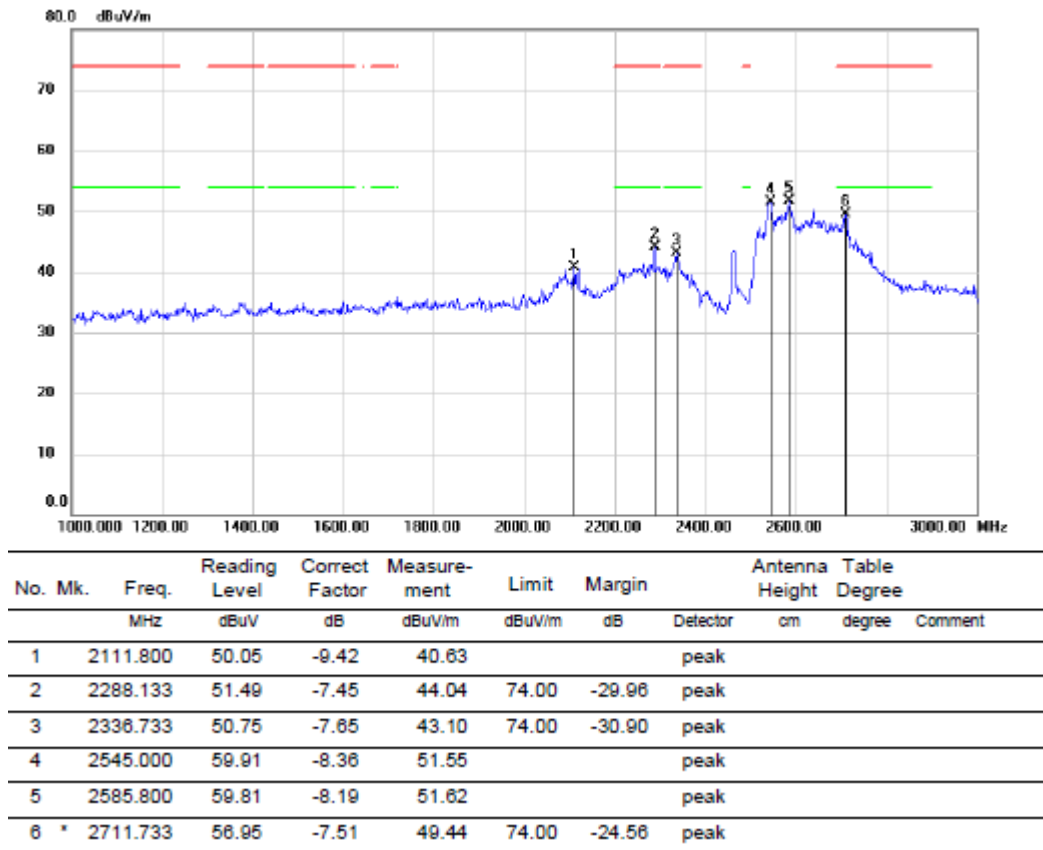


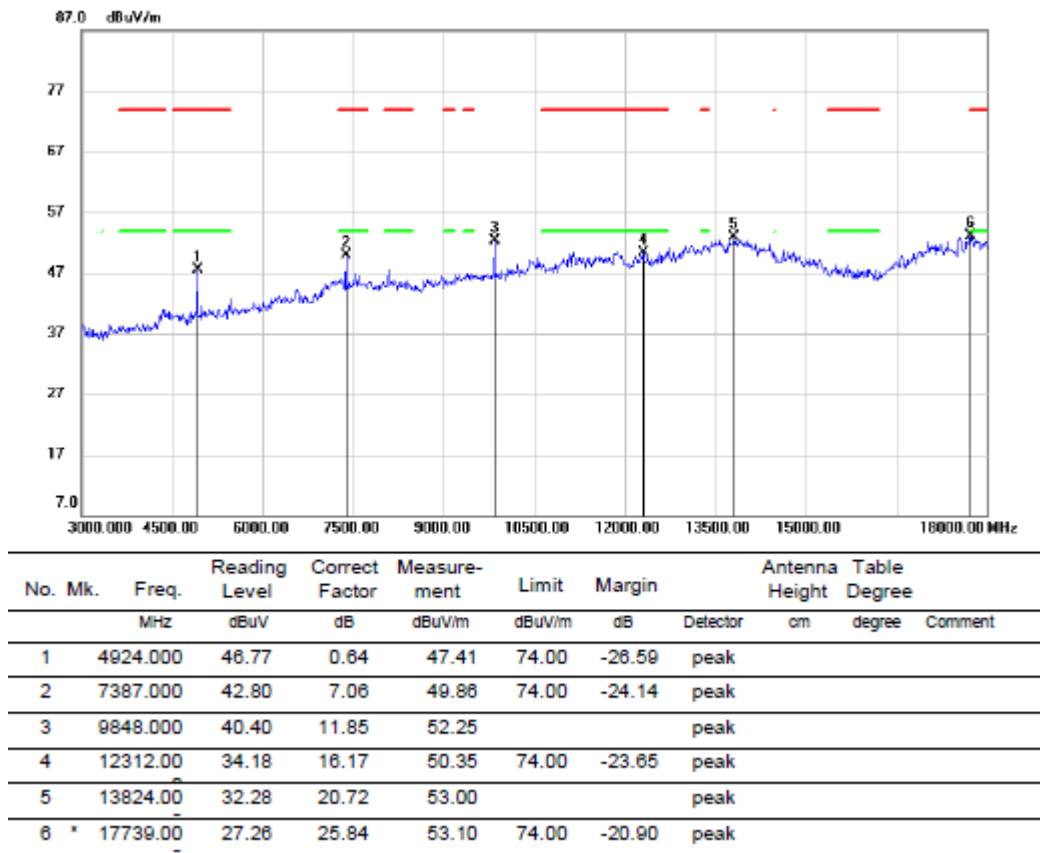
| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 4873.500 | 51.30 | 0.32 | 51.62 | 74.00 | -22.38 | peak | | |
| 2 | | 7311.500 | 45.58 | 7.75 | 53.33 | 74.00 | -20.67 | peak | | |
| 3 | | 8087.000 | 39.40 | 8.43 | 47.83 | 74.00 | -26.17 | peak | | |
| 4 | | 9748.000 | 42.89 | 11.66 | 54.55 | | | peak | | |
| 5 | | 13490.50 | 32.25 | 20.46 | 52.71 | | | peak | | |
| 6 | * | 17790.00 | 26.68 | 26.76 | 53.44 | 74.00 | -20.56 | peak | | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, HORIZONTAL)

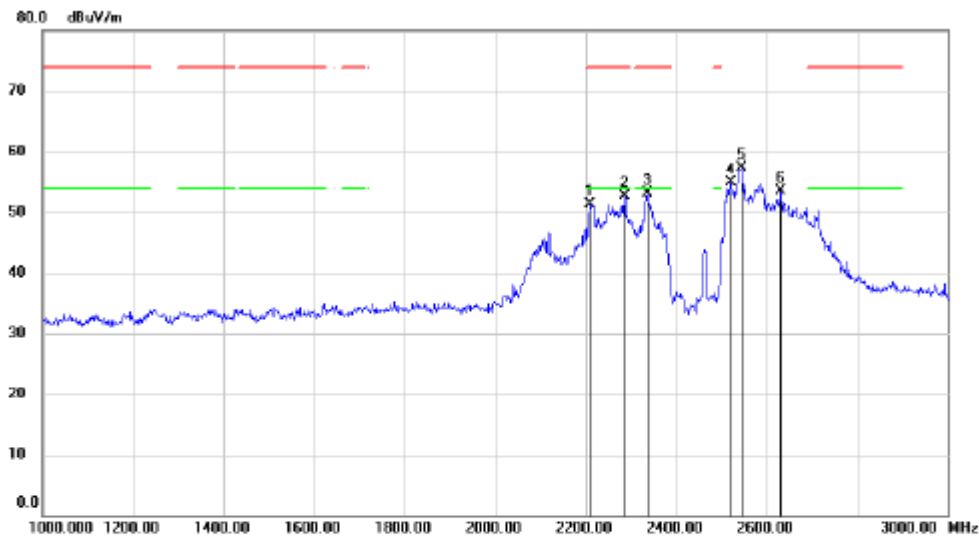




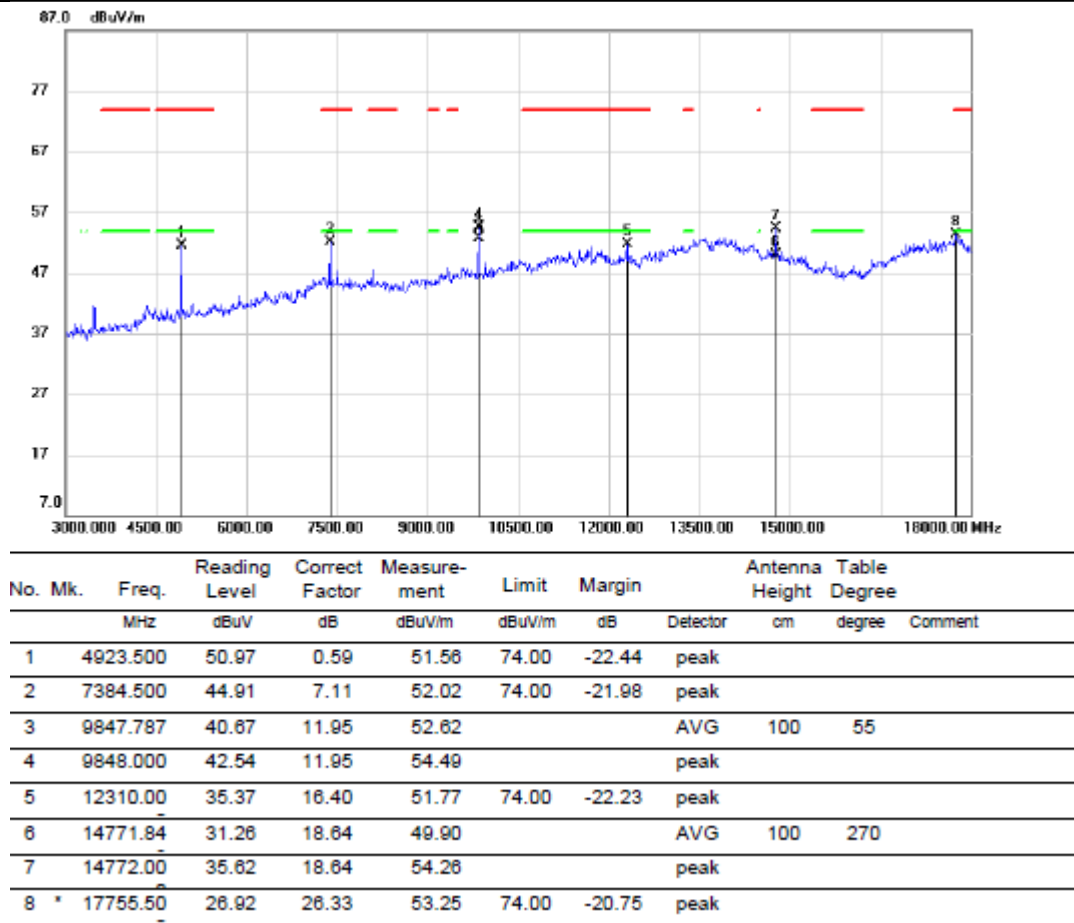
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, VERTICAL)



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 2211.800 | 59.49 | -8.13 | 51.36 | 74.00 | -22.64 | peak | | |
| 2 | | 2287.733 | 60.04 | -7.30 | 52.74 | 74.00 | -21.26 | peak | | |
| 3 | * | 2336.667 | 60.57 | -7.53 | 53.04 | 74.00 | -20.96 | peak | | |
| 4 | | 2520.400 | 63.12 | -8.28 | 54.84 | | | peak | | |
| 5 | | 2544.400 | 65.57 | -8.26 | 57.31 | | | peak | | |
| 6 | | 2631.733 | 61.50 | -8.01 | 53.49 | | | peak | | |



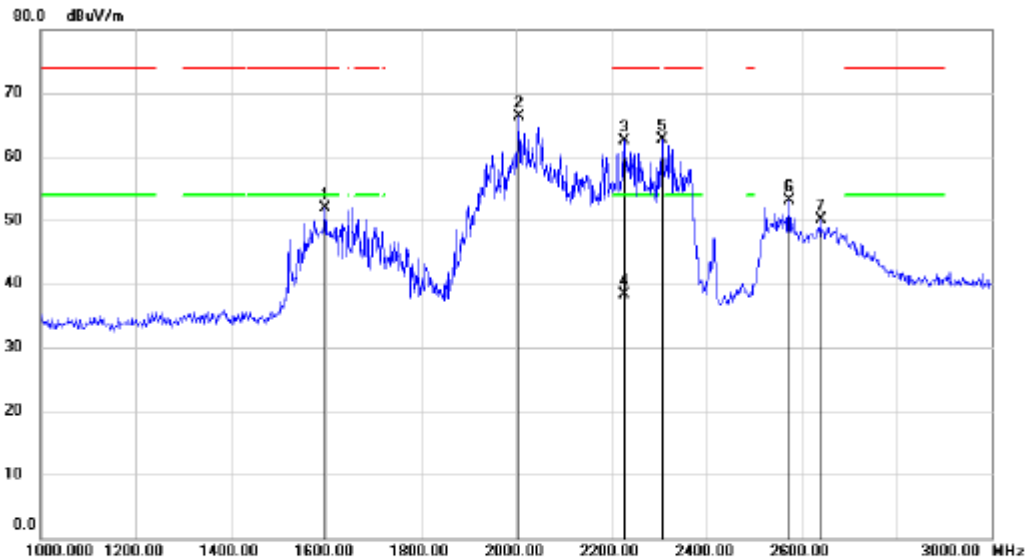
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

Note: All the antennas had been tested, but only the worst data record in the report.

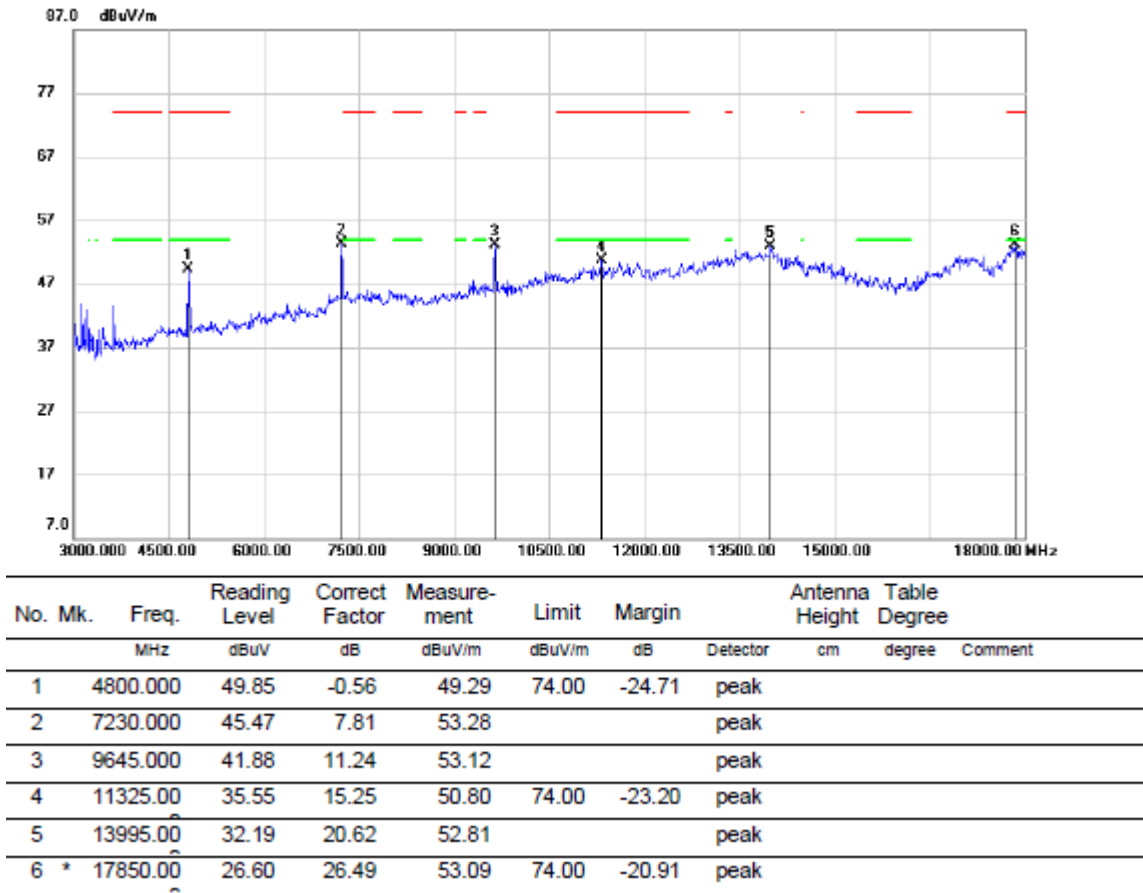
8.2.2. 802.11g MODE

MIMO Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, HORIZONTAL)



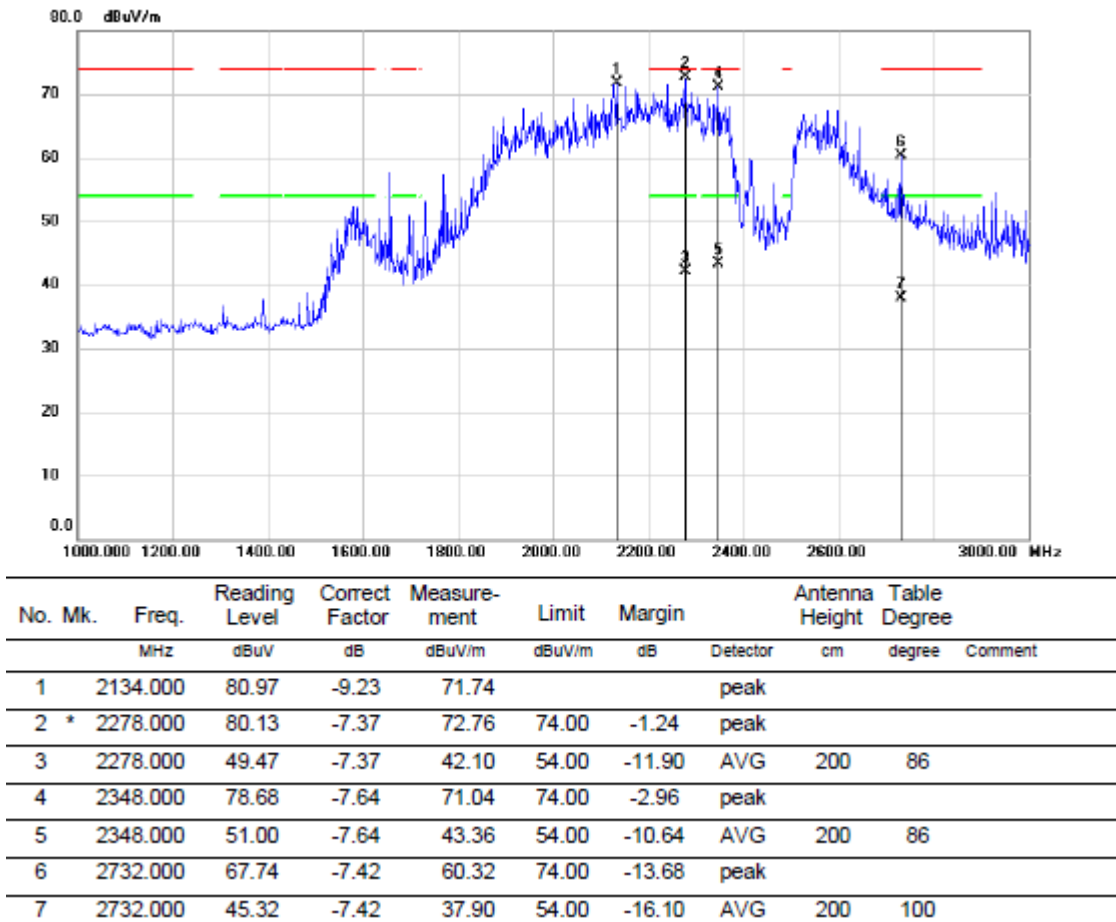
| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Table Height Degree | Detector | cm | degree | Comment |
|---------|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|--------------------------------|----------|-----|--------|---------|
| 1 | 1598.000 | 64.02 | -12.07 | 51.95 | 74.00 | -22.05 | | peak | | | |
| 2 | 2006.000 | 76.81 | -10.58 | 66.23 | | | | peak | | | |
| 3 * | 2228.000 | 70.36 | -7.91 | 62.45 | 74.00 | -11.55 | | peak | | | |
| 4 | 2228.000 | 46.18 | -7.91 | 38.27 | 54.00 | -15.73 | | AVG | 186 | 120 | |
| 5 | 2308.000 | 70.21 | -7.46 | 62.75 | | | | peak | | | |
| 6 | 2574.000 | 61.24 | -8.23 | 53.01 | | | | peak | | | |
| 7 | 2640.000 | 57.98 | -7.91 | 50.07 | | | | peak | | | |

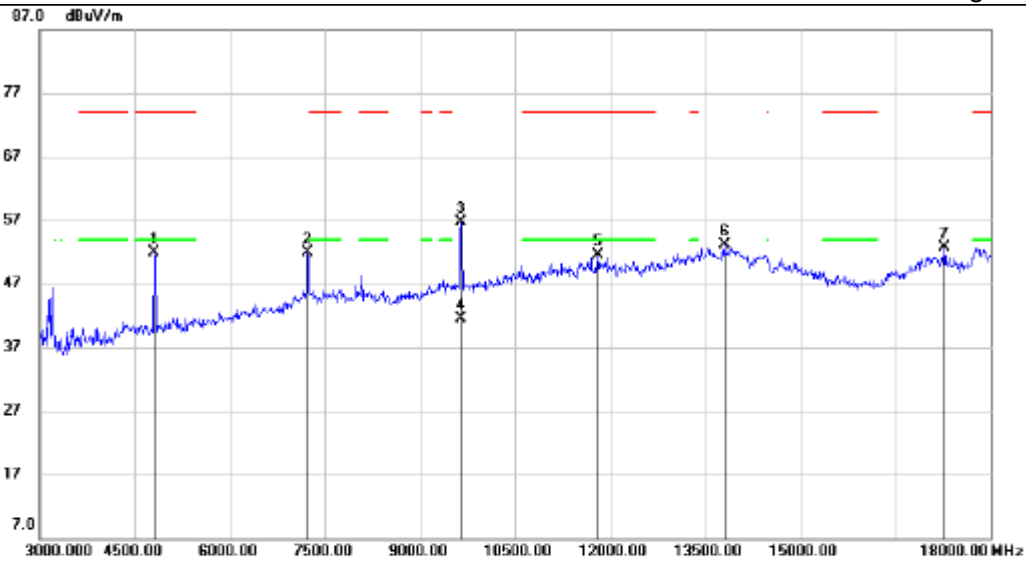


Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, VERTICAL)



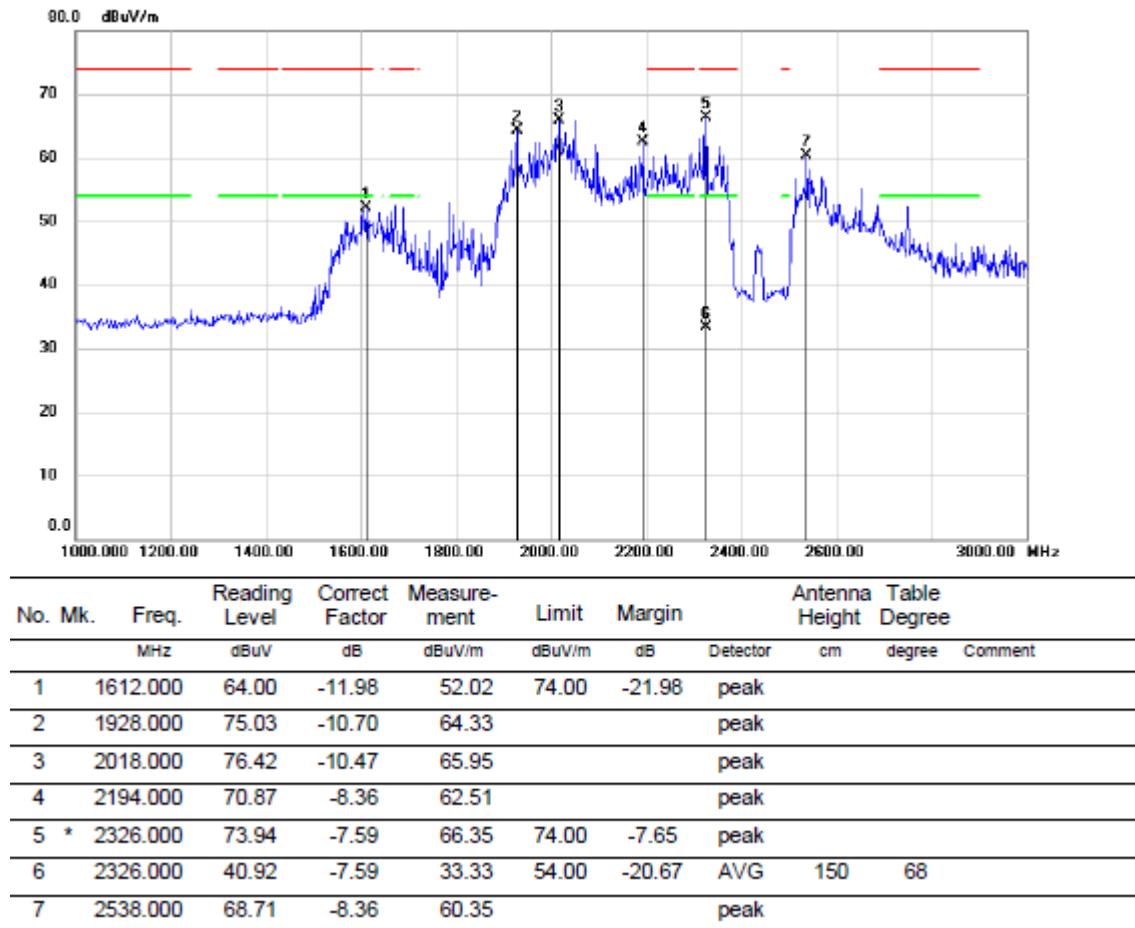


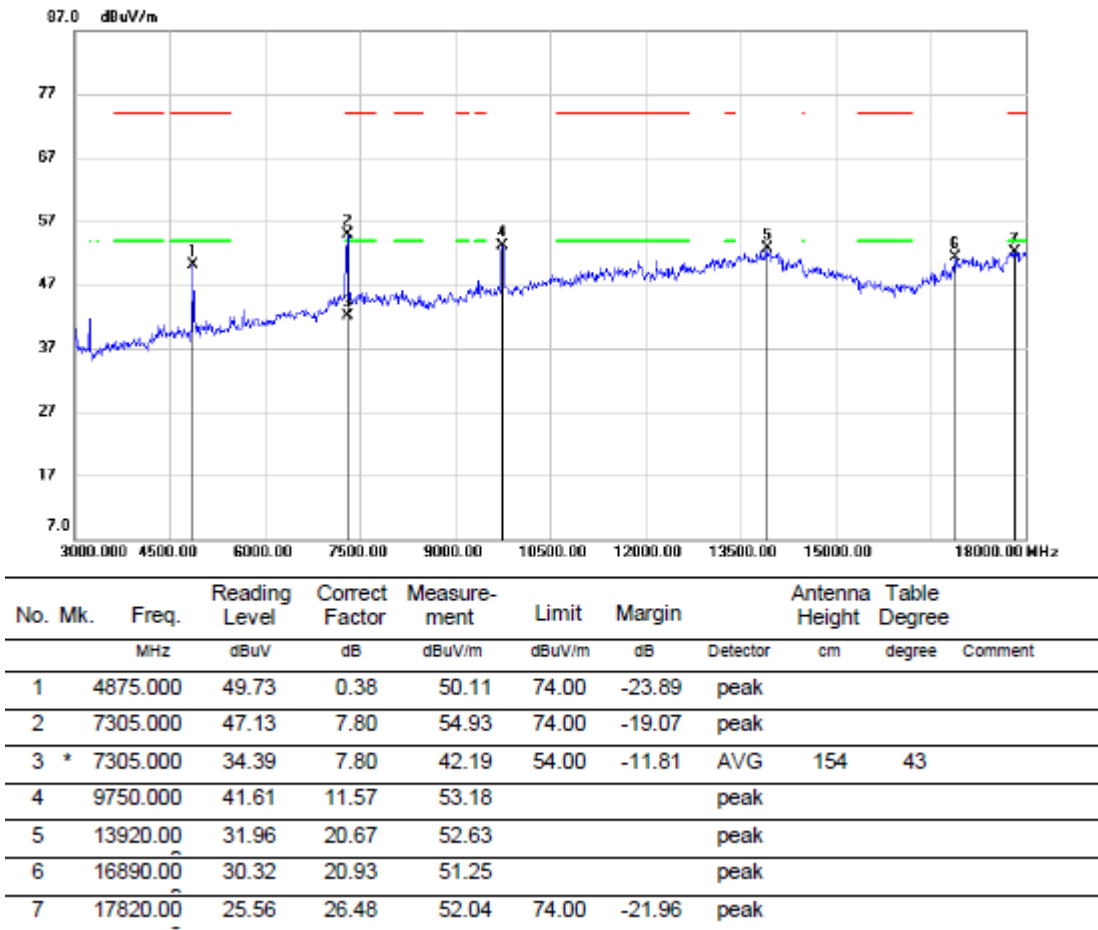
| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 4815.000 | 52.28 | -0.31 | 51.97 | 74.00 | -22.03 | peak | | |
| 2 | | 7230.000 | 44.13 | 7.79 | 51.92 | | | peak | | |
| 3 | | 9649.835 | 45.43 | 11.34 | 56.77 | | | peak | | |
| 4 | | 9649.835 | 30.12 | 11.34 | 41.46 | | | AVG | 200 | 118 |
| 5 | | 11805.00 | 34.99 | 16.55 | 51.54 | 74.00 | -22.46 | peak | | |
| 6 | | 13800.00 | 31.85 | 21.21 | 53.06 | | | peak | | |
| 7 | | 17265.00 | 29.47 | 23.17 | 52.64 | | | peak | | |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)

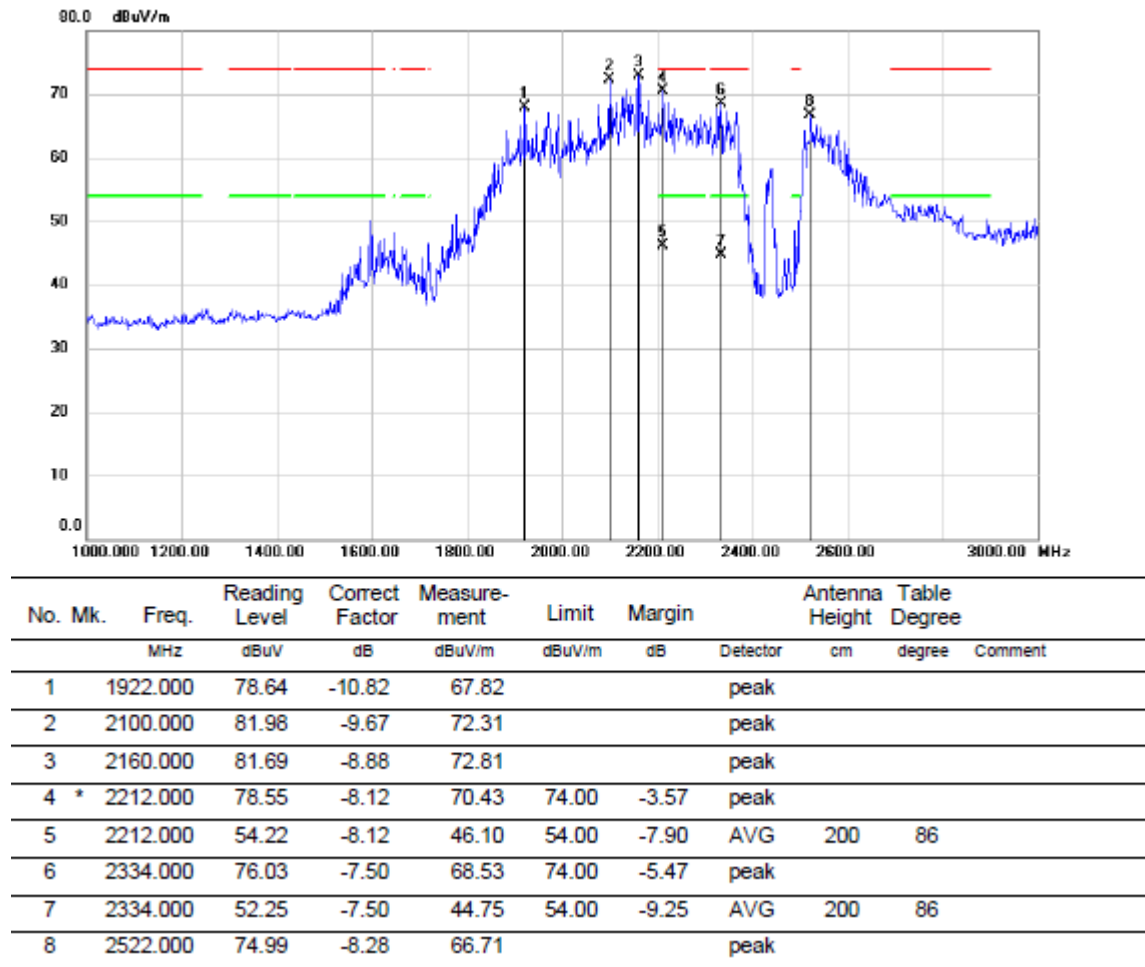


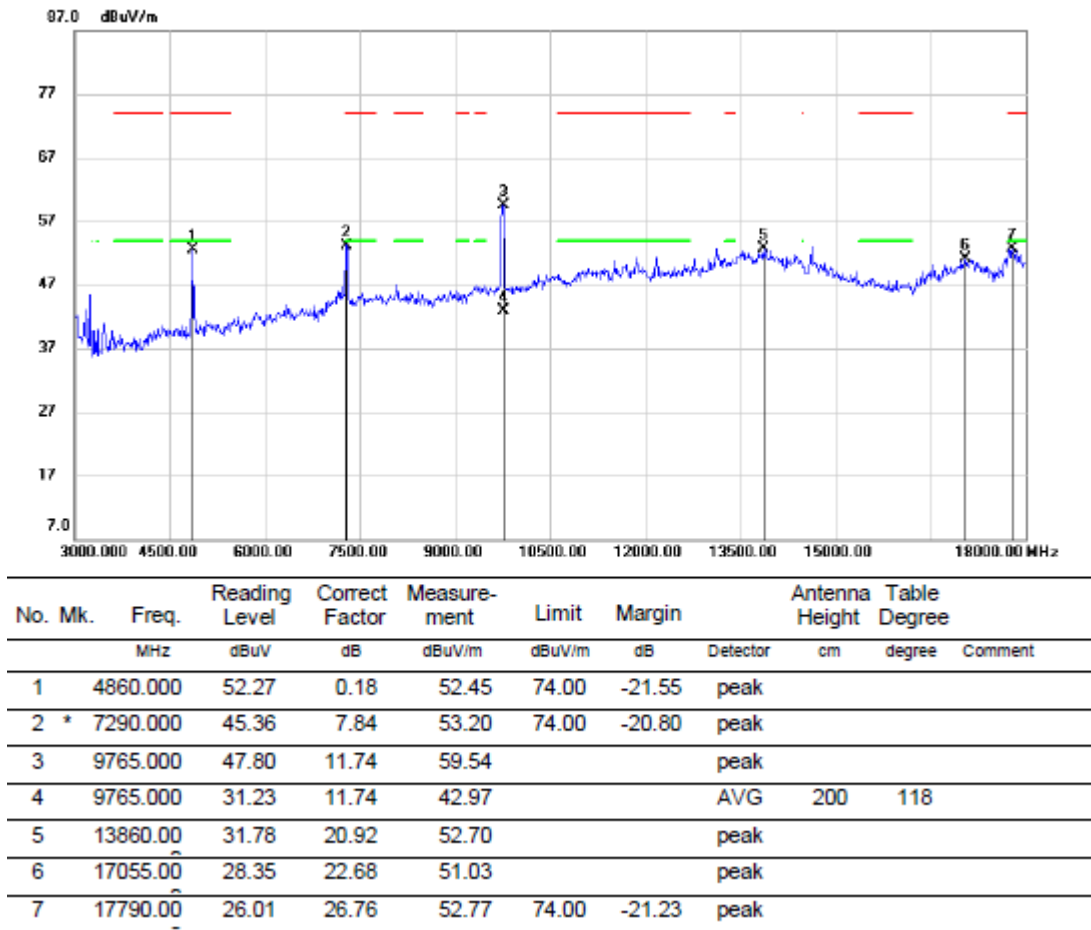


- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)

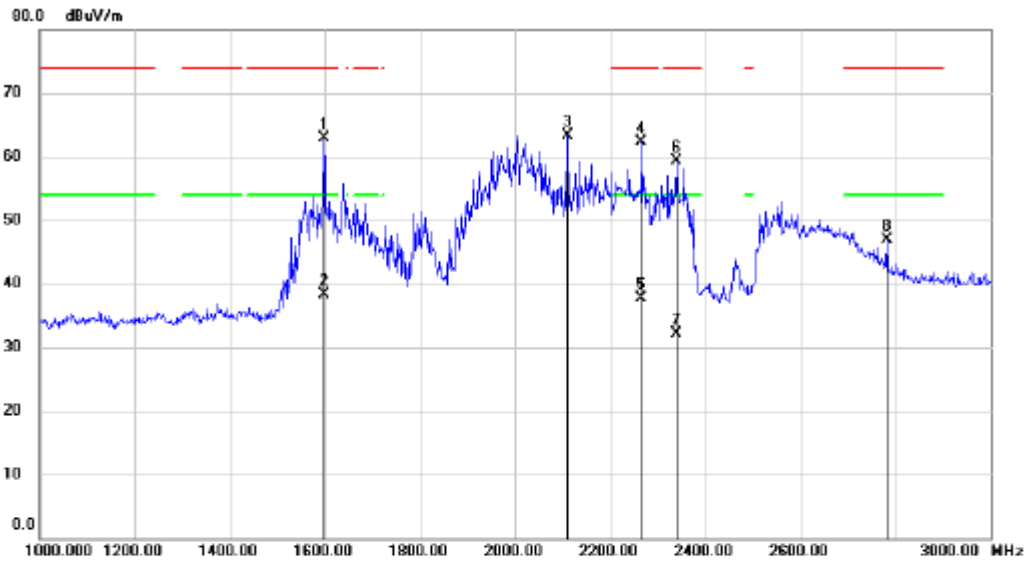




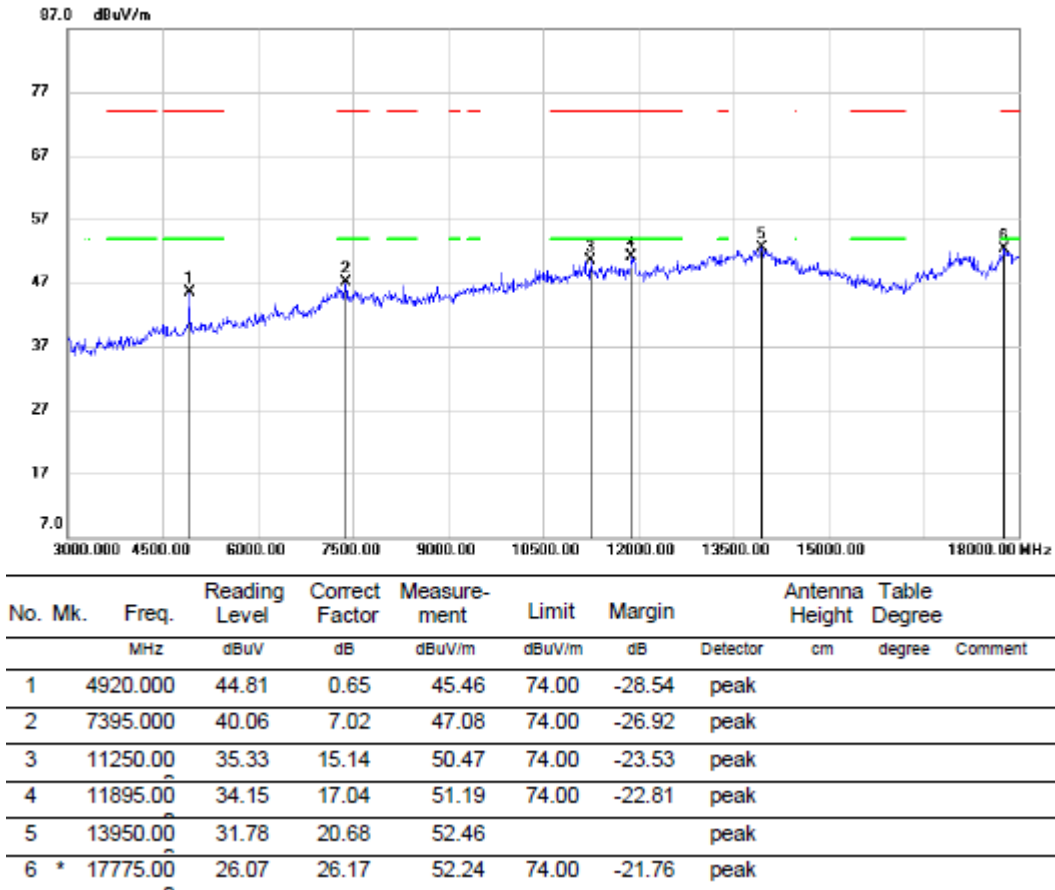
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



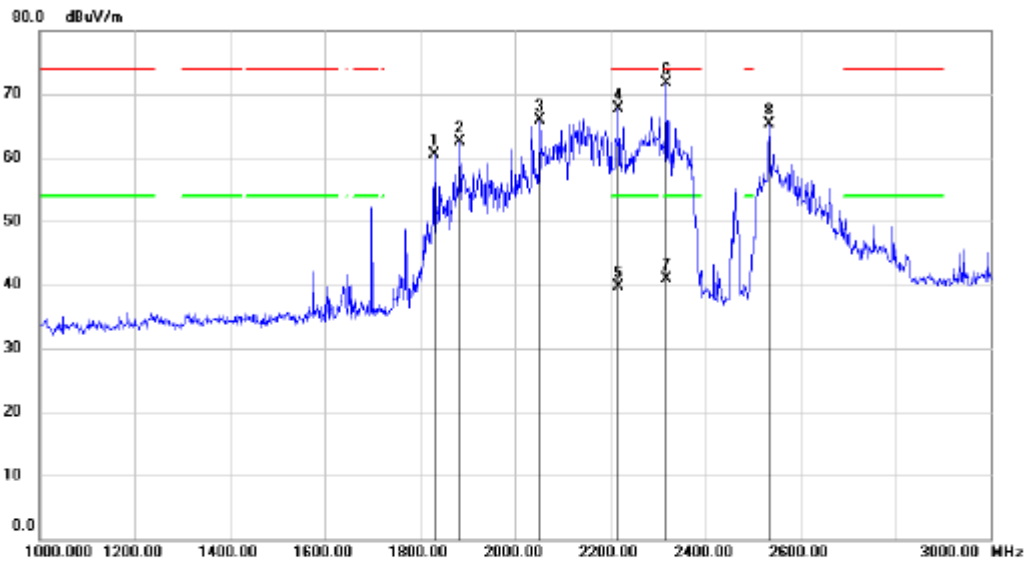
HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, HORIZONTAL)



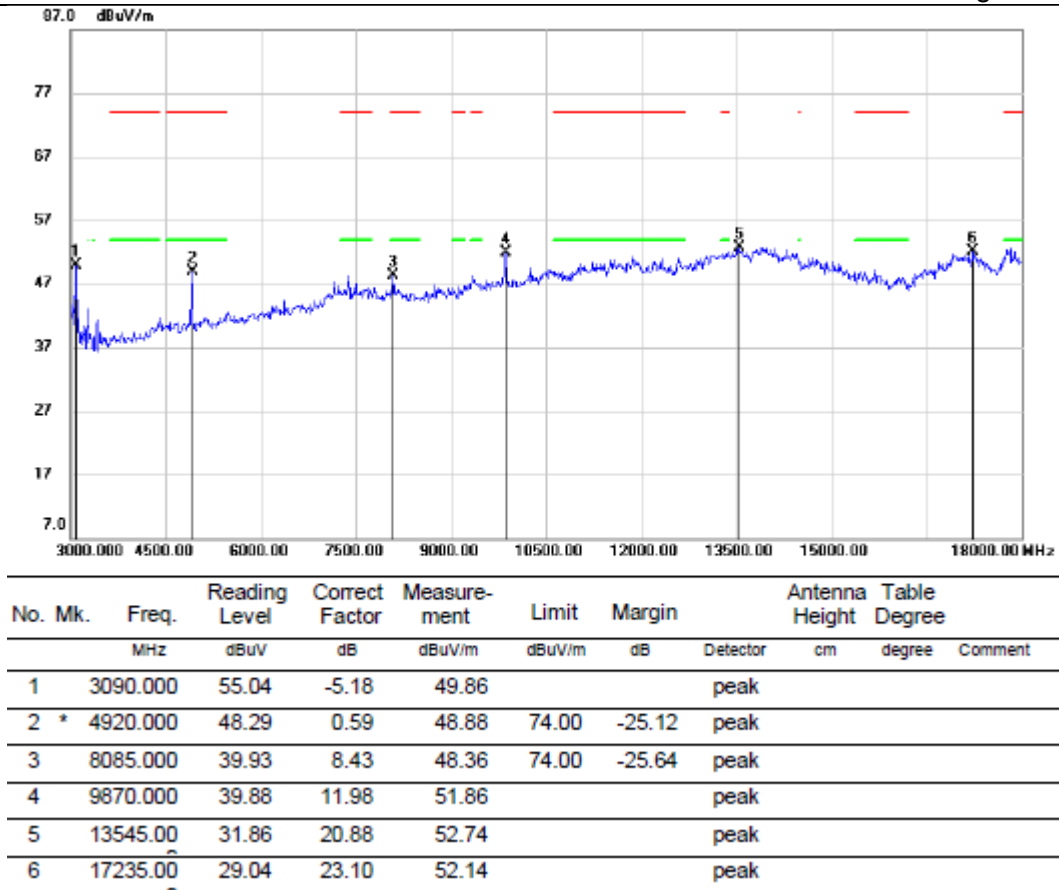
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 1598.000 | 74.91 | -12.07 | 62.84 | 74.00 | -11.16 | | | peak |
| 2 | | 1598.000 | 50.33 | -12.07 | 38.26 | 54.00 | -15.74 | 150 | 78 | |
| 3 | | 2110.000 | 72.71 | -9.44 | 63.27 | | | | | peak |
| 4 | | 2266.000 | 69.84 | -7.53 | 62.31 | 74.00 | -11.69 | | | peak |
| 5 | | 2266.000 | 45.21 | -7.53 | 37.68 | 54.00 | -16.32 | 150 | 98 | |
| 6 | | 2340.000 | 67.00 | -7.68 | 59.32 | 74.00 | -14.68 | | | peak |
| 7 | | 2340.000 | 39.71 | -7.68 | 32.03 | 54.00 | -21.97 | 150 | 95 | |
| 8 | | 2782.000 | 53.99 | -7.06 | 46.93 | 74.00 | -27.07 | | | peak |



- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

**HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, VERTICAL)**

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | Comment |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | | 1830.000 | 71.51 | -10.98 | 60.53 | | | | | peak |
| 2 | | 1884.000 | 73.30 | -10.86 | 62.44 | | | | | peak |
| 3 | | 2052.000 | 76.08 | -10.27 | 65.81 | | | | | peak |
| 4 | | 2218.000 | 75.69 | -8.04 | 67.65 | 74.00 | -6.35 | | | peak |
| 5 | | 2218.000 | 47.67 | -8.04 | 39.63 | 54.00 | -14.37 | 200 | 186 | AVG |
| 6 | * | 2318.000 | 79.03 | -7.36 | 71.67 | 74.00 | -2.33 | | | peak |
| 7 | | 2318.000 | 48.34 | -7.36 | 40.98 | 54.00 | -13.02 | 200 | 100 | AVG |
| 8 | | 2534.000 | 73.51 | -8.27 | 65.24 | | | | | peak |



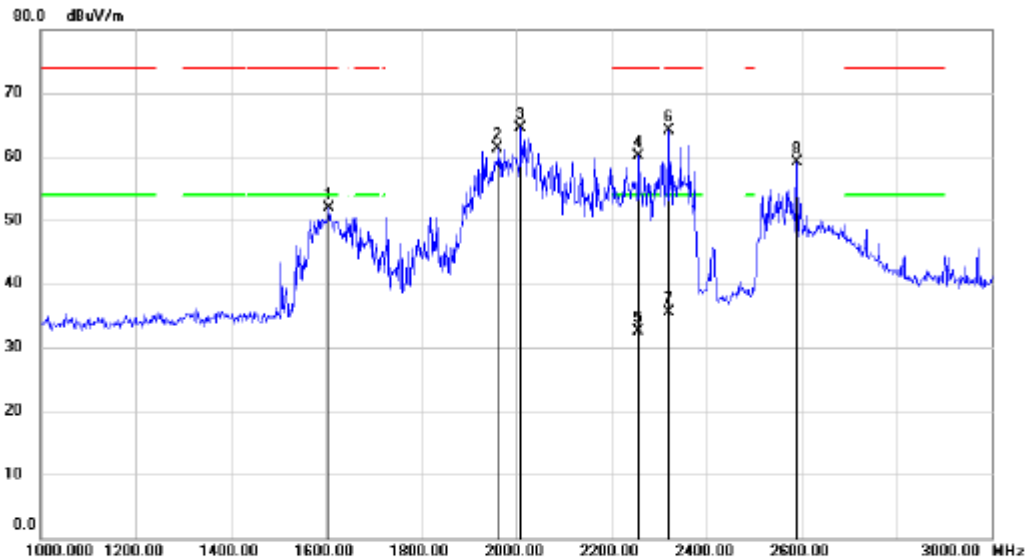
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

Note: All the antennas had been tested, but only the worst data record in the report.

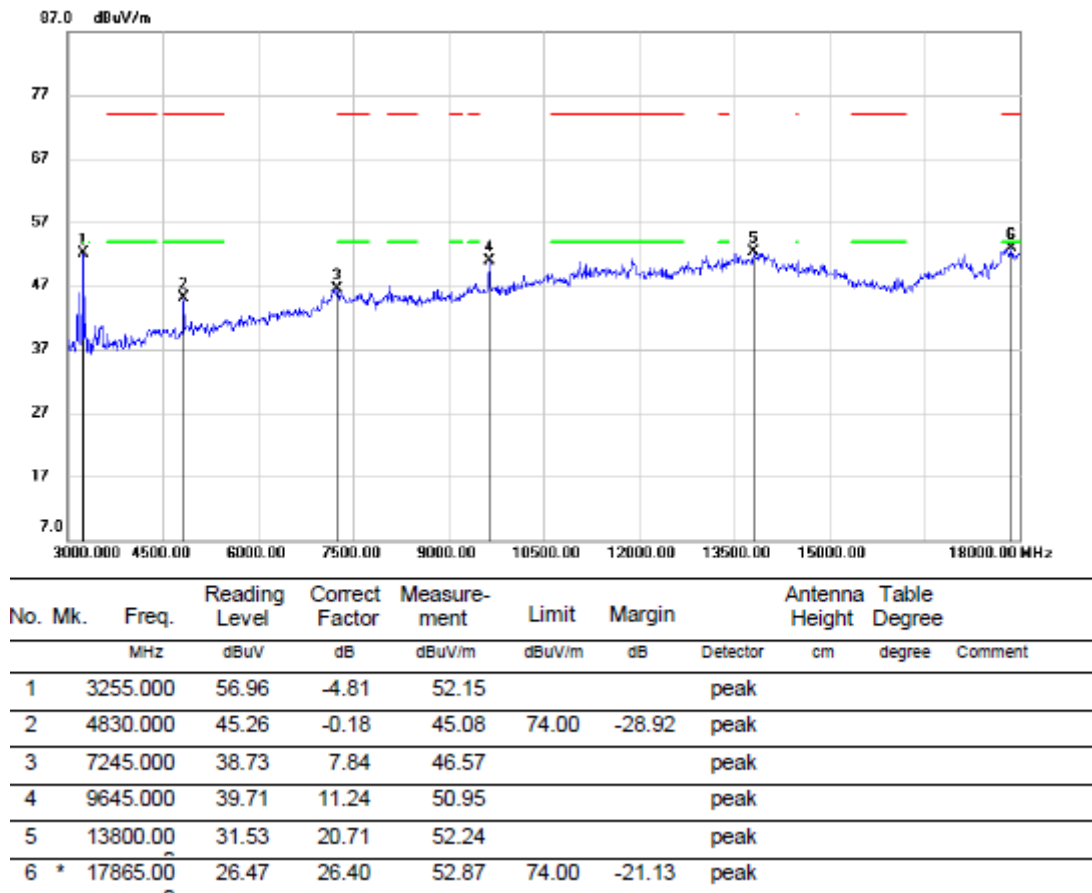
8.2.3. 802.11n20 MODE

MIMO Mode (WORST-CASE CONFIGURATION)

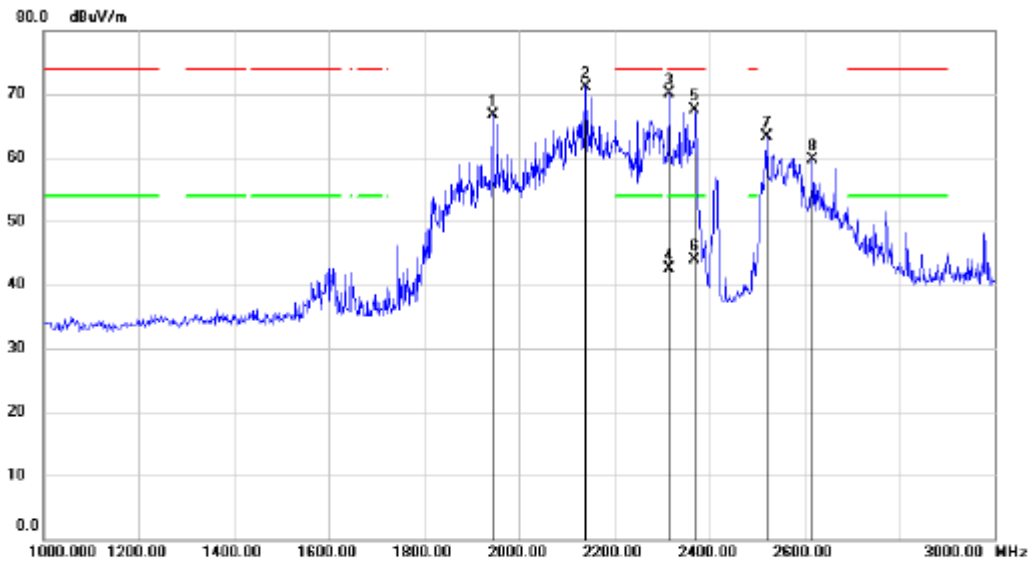
HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, HORIZONTAL)



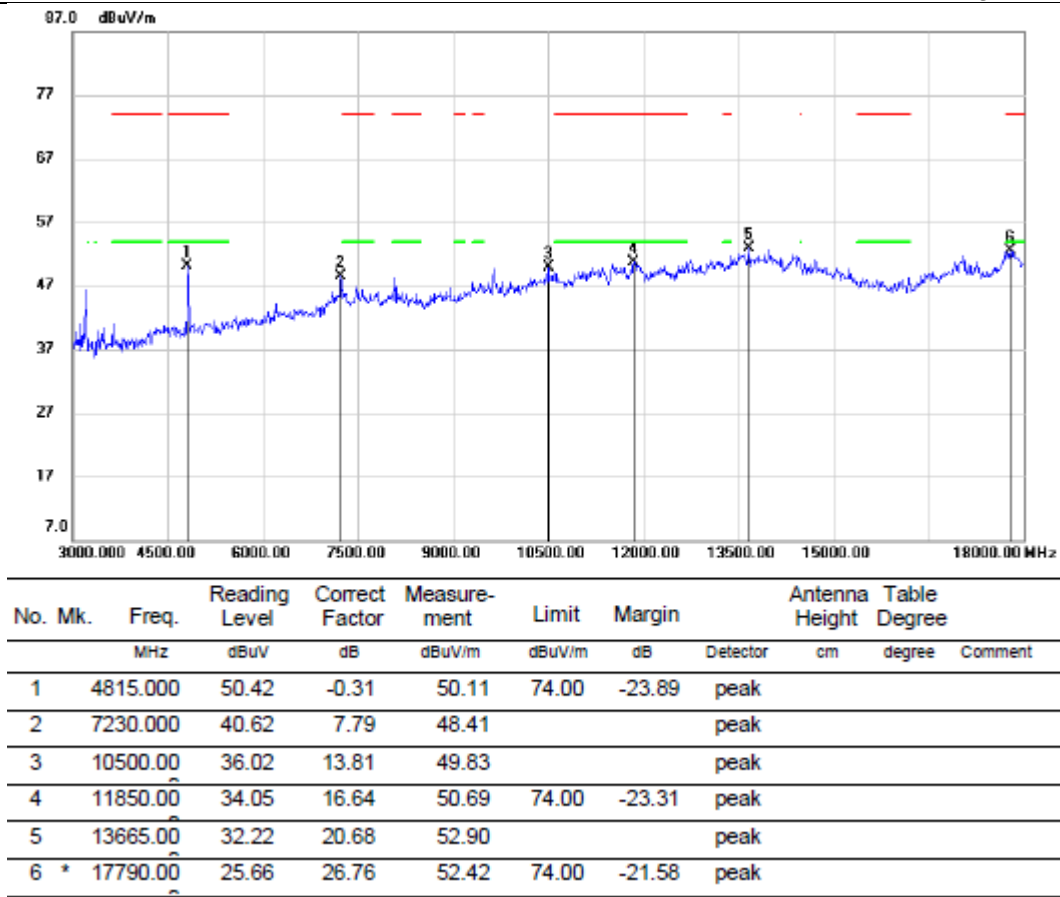
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Detector | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|-------------------------|-----------------|---------|
| 1 | | 1606.000 | 63.90 | -12.03 | 51.87 | 74.00 | -22.13 | peak | | | |
| 2 | | 1962.000 | 71.91 | -10.68 | 61.23 | | | peak | | | |
| 3 | | 2010.000 | 75.07 | -10.54 | 64.53 | | | peak | | | |
| 4 | | 2258.000 | 67.75 | -7.57 | 60.18 | 74.00 | -13.82 | peak | | | |
| 5 | | 2258.000 | 40.17 | -7.57 | 32.60 | 54.00 | -21.40 | AVG | 150 | 78 | |
| 6 | * | 2322.000 | 71.68 | -7.56 | 64.12 | 74.00 | -9.88 | peak | | | |
| 7 | | 2322.000 | 43.06 | -7.56 | 35.50 | 54.00 | -18.50 | AVG | 150 | 76 | |
| 8 | | 2590.000 | 67.21 | -8.15 | 59.06 | | | peak | | | |



- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

**HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, VERTICAL)**

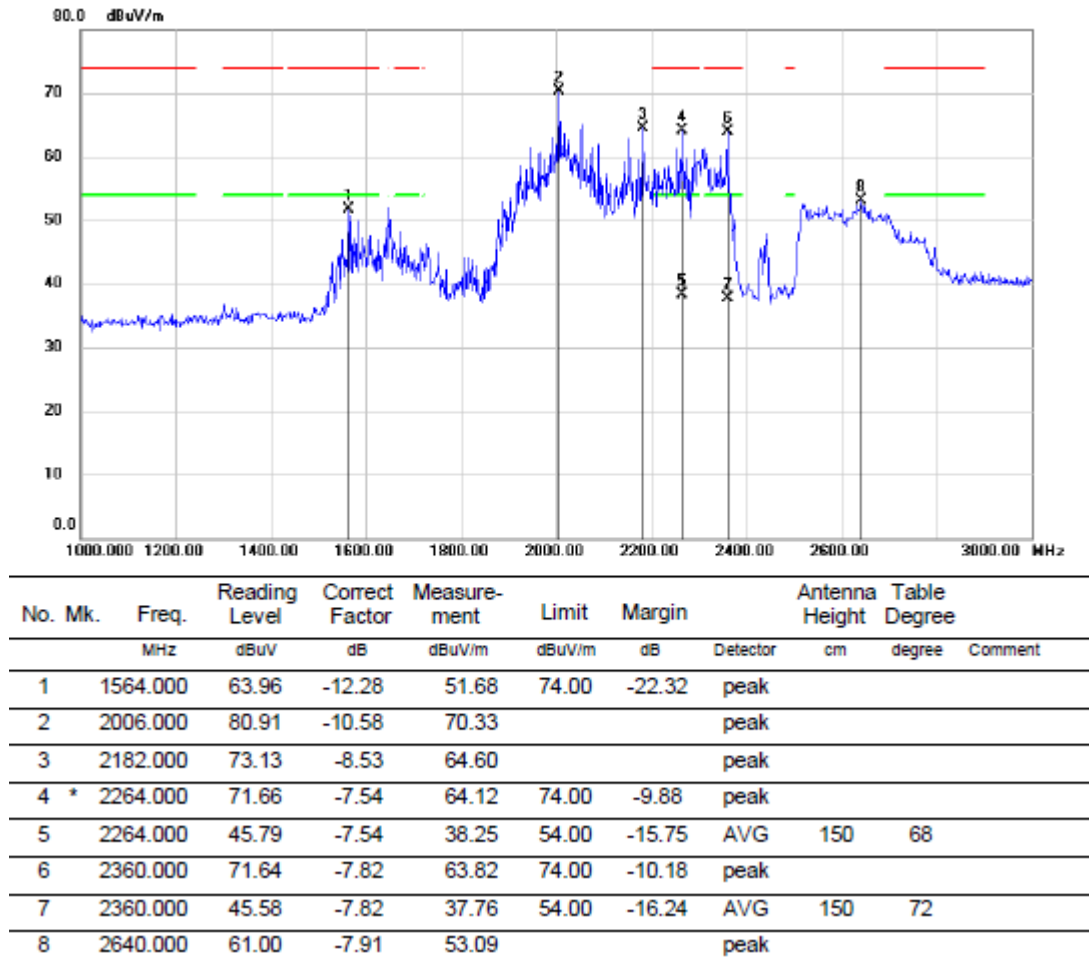
| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Detector | Antenna Height cm | Table Degree | Comment |
|---------|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|-------------------------|-----------------|---------|
| 1 | 1944.000 | 77.45 | -10.79 | 66.66 | | | peak | | | |
| 2 | 2140.000 | 80.34 | -9.16 | 71.18 | | | peak | | | |
| 3 * | 2316.000 | 77.50 | -7.34 | 70.16 | 74.00 | -3.84 | peak | | | |
| 4 | 2316.000 | 49.91 | -7.34 | 42.57 | 54.00 | -11.43 | AVG | 200 | 92 | |
| 5 | 2370.000 | 75.38 | -7.79 | 67.59 | 74.00 | -6.41 | peak | | | |
| 6 | 2370.000 | 51.65 | -7.79 | 43.86 | 54.00 | -10.14 | AVG | 200 | 92 | |
| 7 | 2522.000 | 71.64 | -8.28 | 63.36 | | | peak | | | |
| 8 | 2618.000 | 67.80 | -8.05 | 59.75 | | | peak | | | |

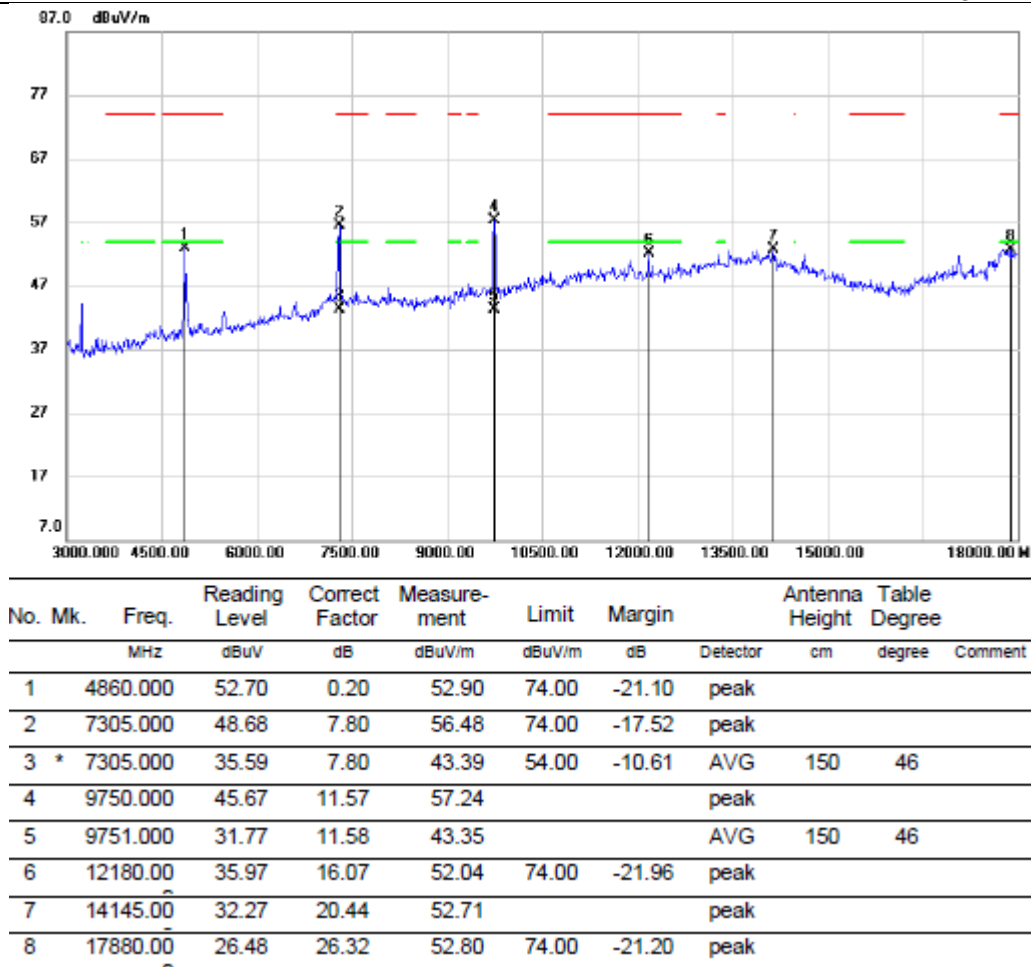


- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)

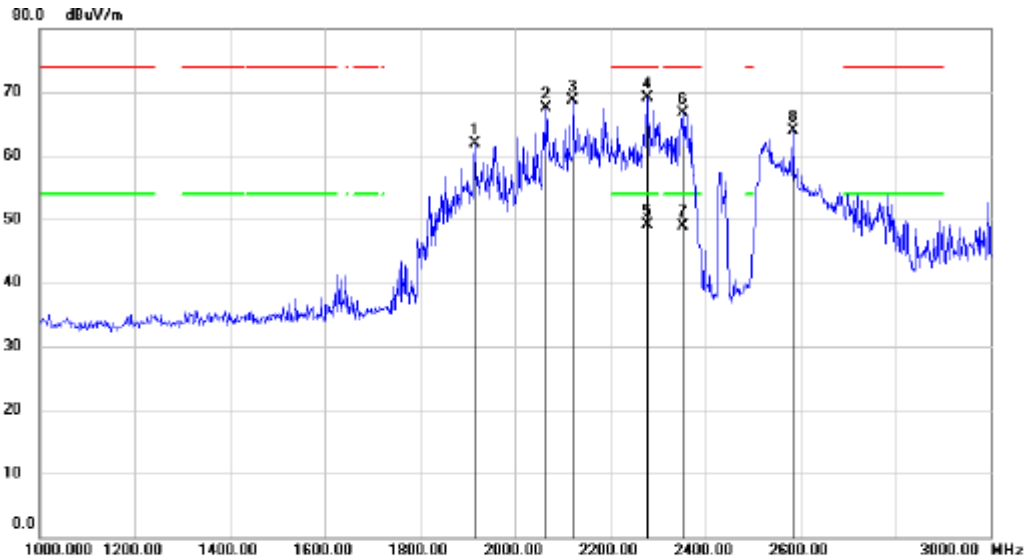




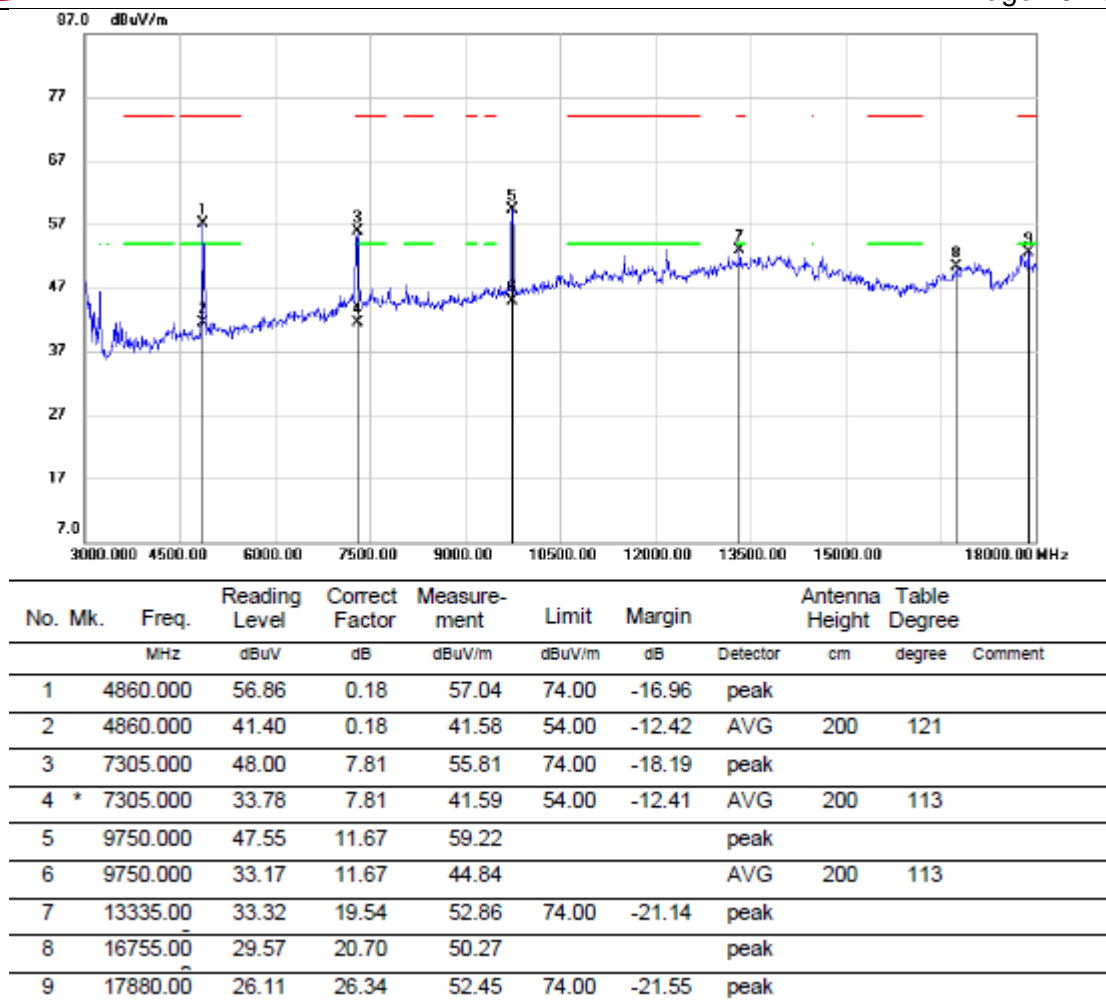
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)



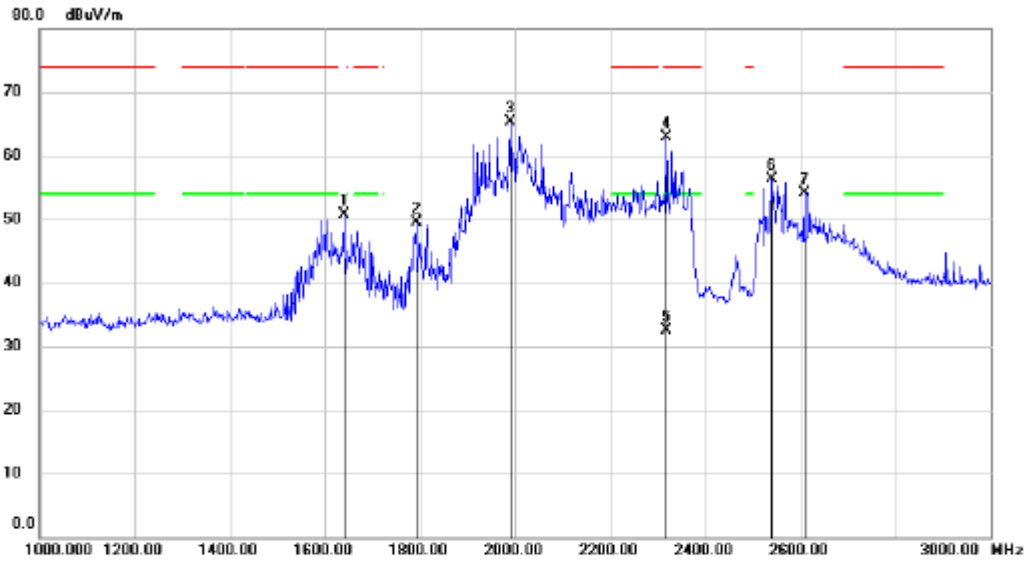
| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 1916.000 | 72.72 | -10.82 | 61.90 | | | | | peak |
| 2 | | 2066.000 | 77.56 | -10.10 | 67.46 | | | | | peak |
| 3 | | 2122.000 | 78.02 | -9.39 | 68.63 | | | | | peak |
| 4 | * | 2278.000 | 76.56 | -7.37 | 69.19 | 74.00 | -4.81 | | | peak |
| 5 | | 2278.000 | 56.47 | -7.37 | 49.10 | 54.00 | -4.90 | AVG | 200 | 90 |
| 6 | | 2352.000 | 74.30 | -7.66 | 66.64 | 74.00 | -7.36 | peak | | |
| 7 | | 2352.000 | 56.51 | -7.66 | 48.85 | 54.00 | -5.15 | AVG | 200 | 82 |
| 8 | | 2586.000 | 72.14 | -8.16 | 63.98 | | | | | peak |



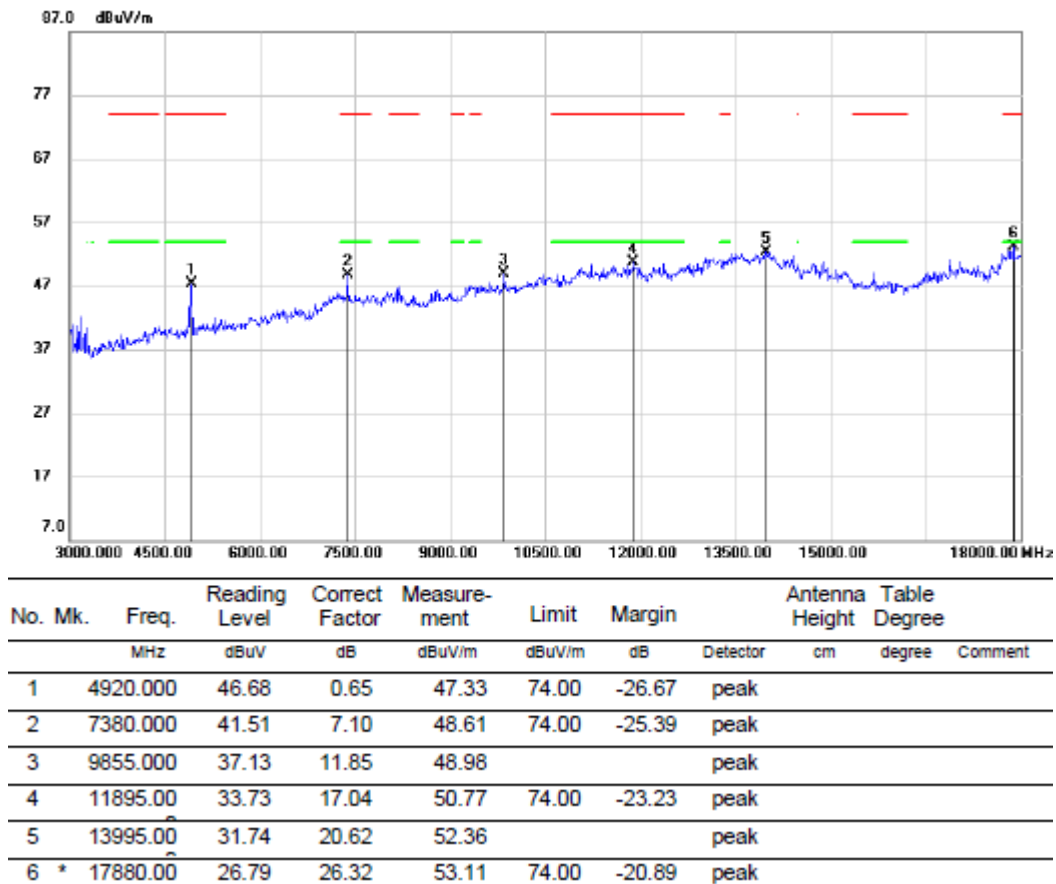
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, HORIZONTAL)



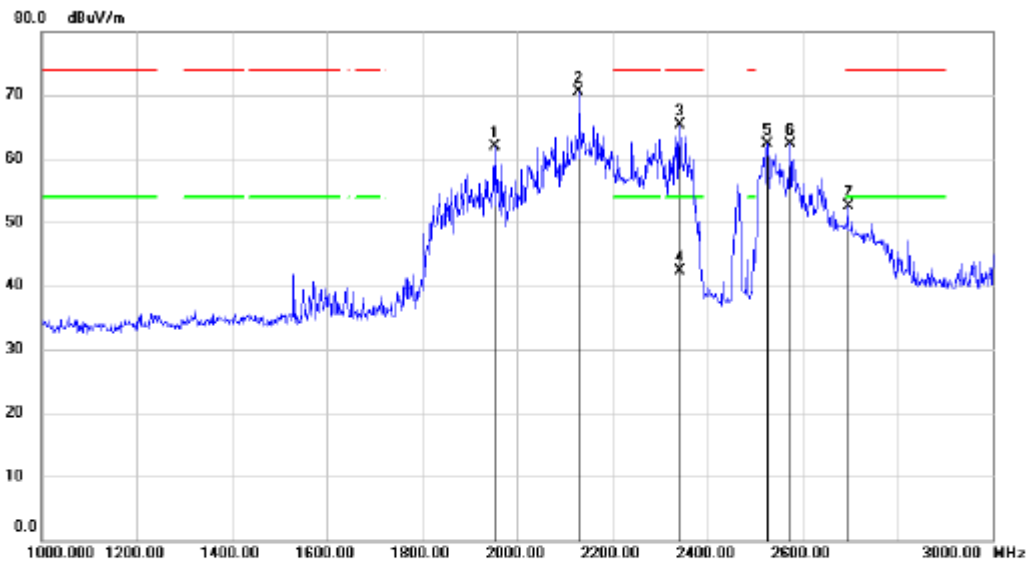
| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | Comment |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | | 1640.000 | 62.57 | -11.80 | 50.77 | | | | | peak |
| 2 | | 1792.000 | 60.72 | -11.16 | 49.56 | | | | | peak |
| 3 | | 1990.000 | 76.00 | -10.64 | 65.36 | | | | | peak |
| 4 | * | 2318.000 | 70.47 | -7.52 | 62.95 | 74.00 | -11.05 | | | peak |
| 5 | | 2318.000 | 40.06 | -7.52 | 32.54 | 54.00 | -21.46 | 150 | 78 | AVG |
| 6 | | 2540.000 | 64.61 | -8.36 | 56.25 | | | | | peak |
| 7 | | 2608.000 | 62.25 | -8.08 | 54.17 | | | | | peak |



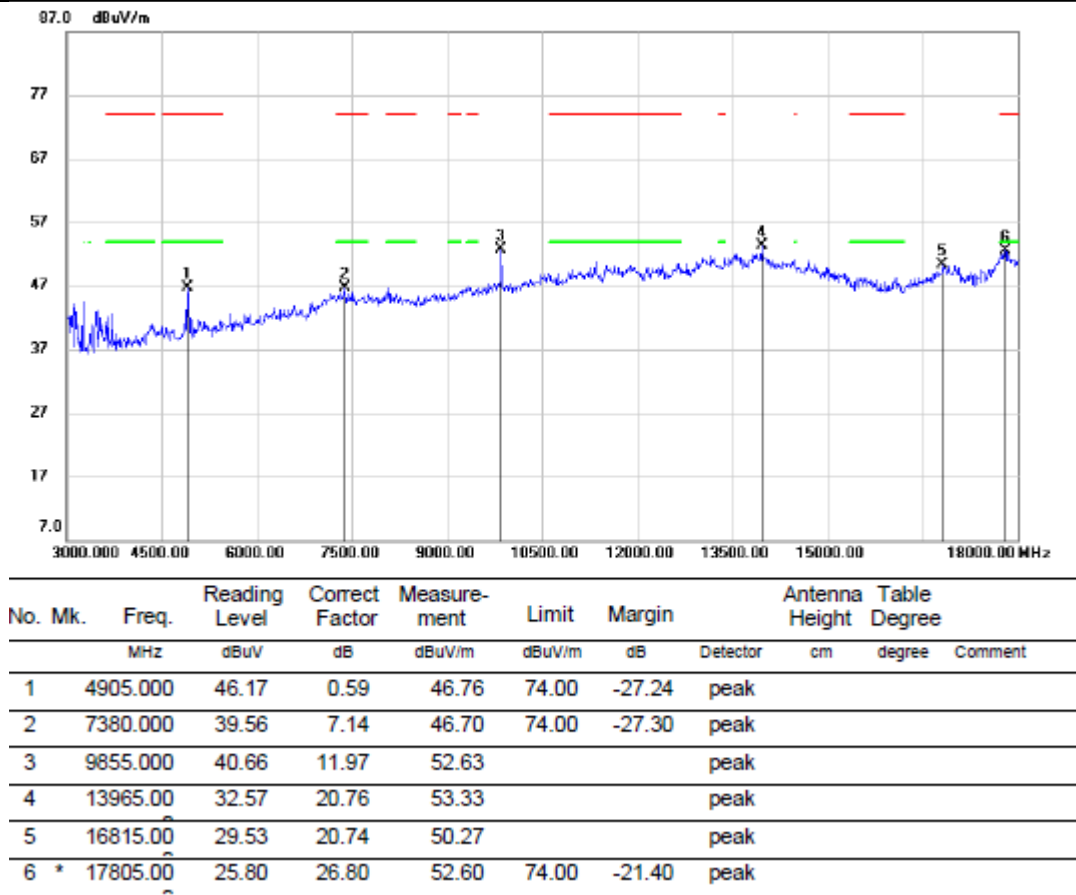
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, VERTICAL)



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 1952.000 | 72.67 | -10.78 | 61.89 | | | | | peak |
| 2 | | 2130.000 | 79.70 | -9.28 | 70.42 | | | | | peak |
| 3 | * | 2342.000 | 72.85 | -7.58 | 65.27 | 74.00 | -8.73 | | | peak |
| 4 | | 2342.000 | 49.96 | -7.58 | 42.38 | 54.00 | -11.62 | 200 | 92 | |
| 5 | | 2526.000 | 70.55 | -8.28 | 62.27 | | | | | peak |
| 6 | | 2574.000 | 70.55 | -8.18 | 62.37 | | | | | peak |
| 7 | | 2696.000 | 60.12 | -7.62 | 52.50 | 74.00 | -21.50 | | | peak |



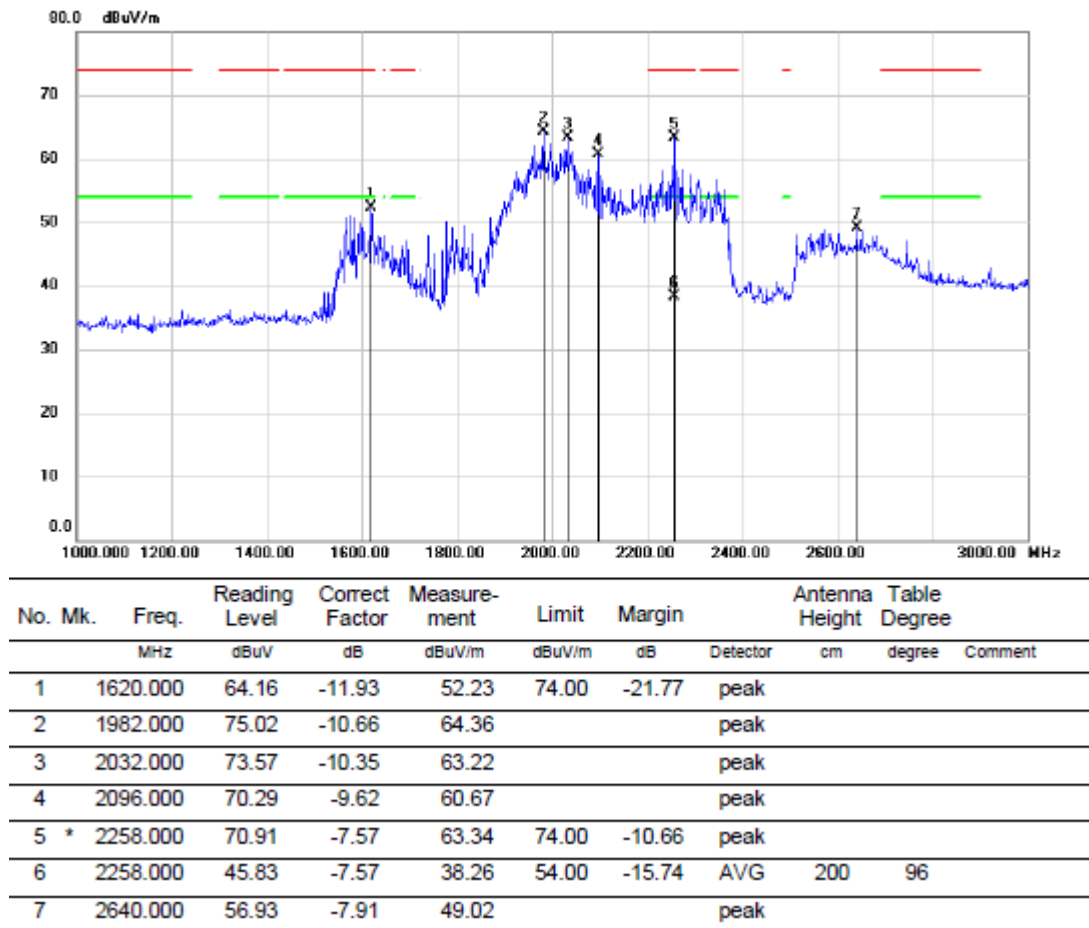
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

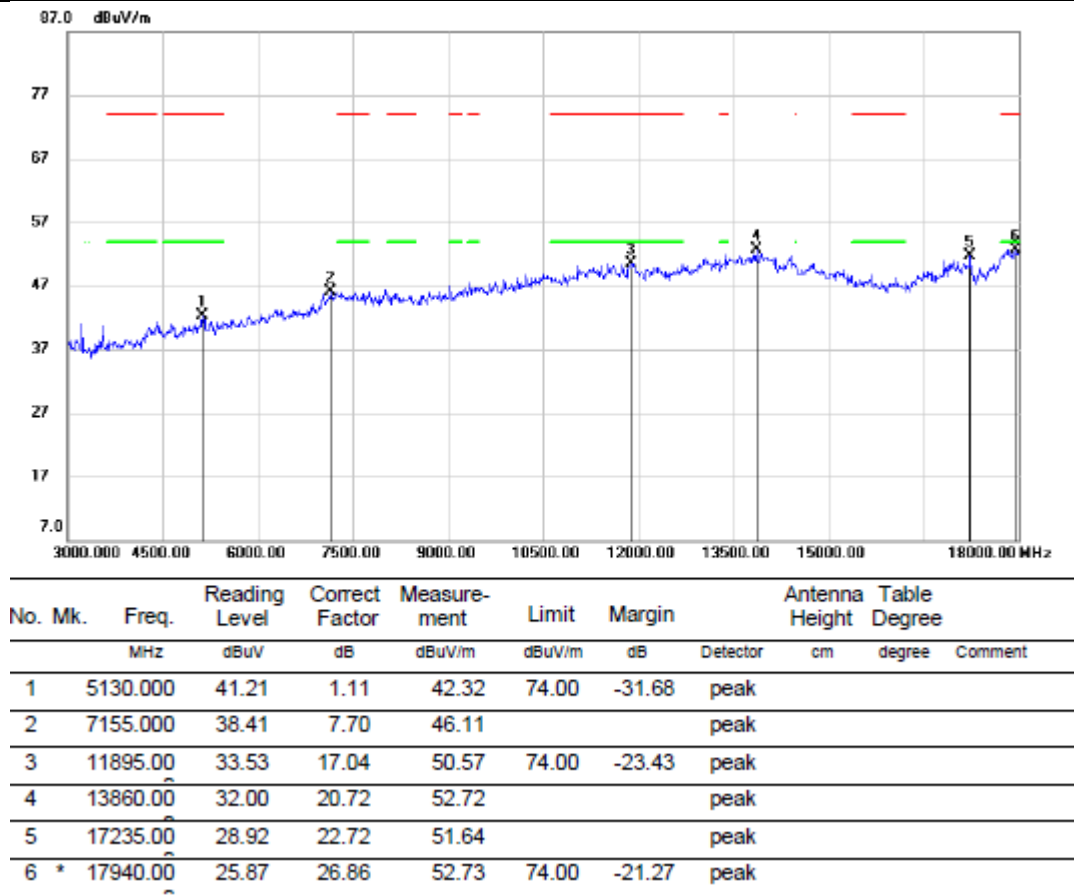


8.2.4. 802.11n40 MODE

MIMO Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL3, HORIZONTAL)

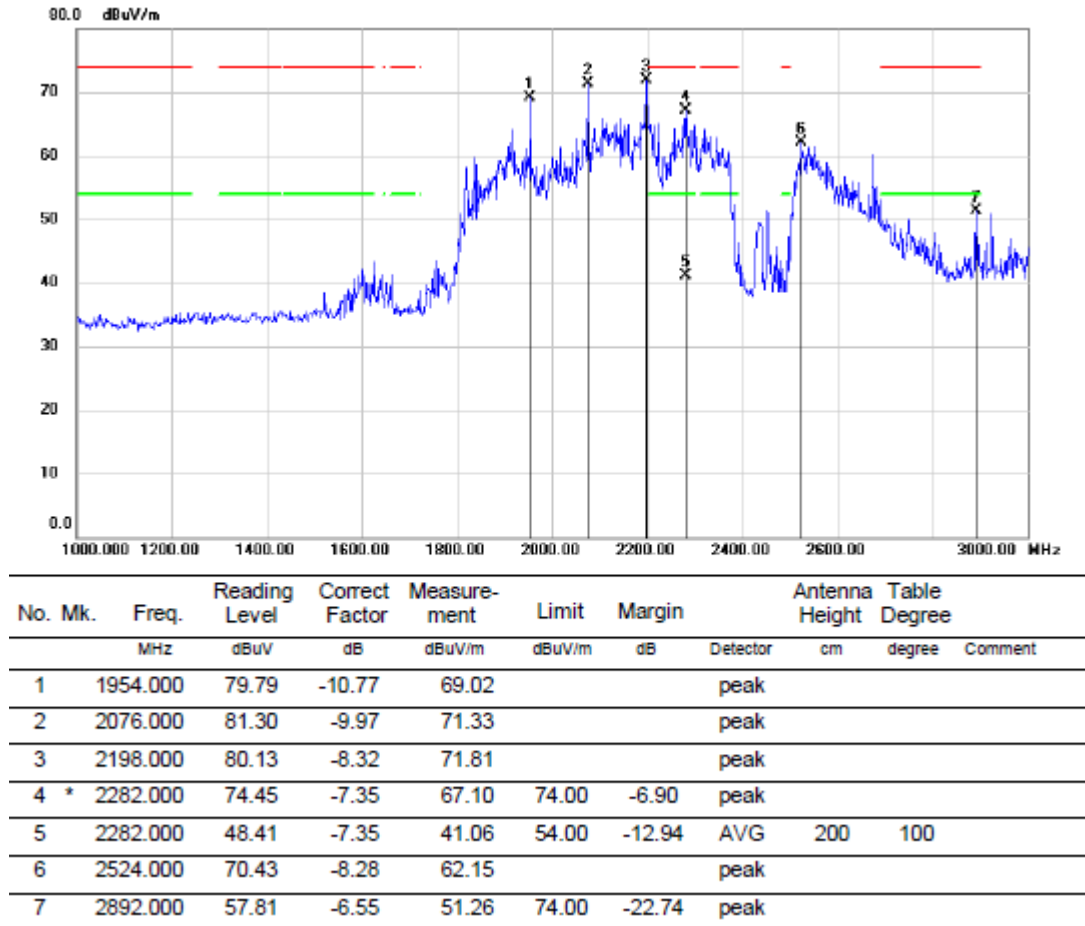


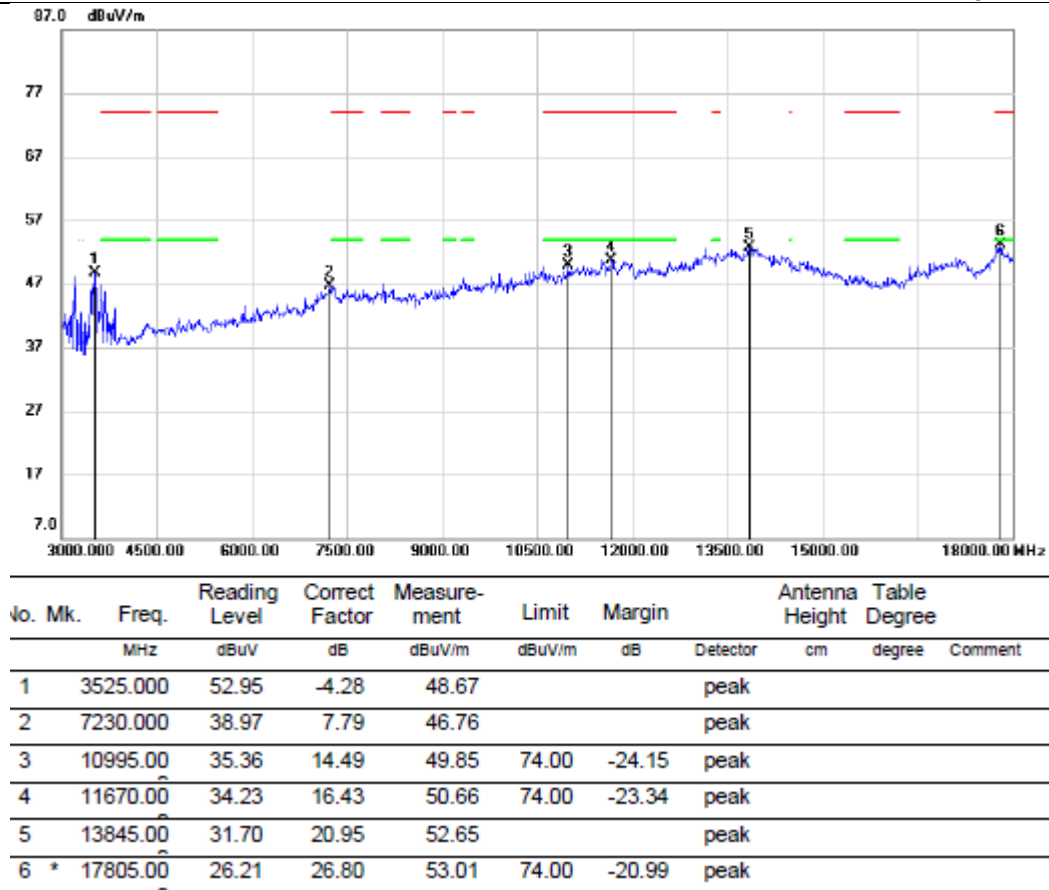


- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL3, VERTICAL)

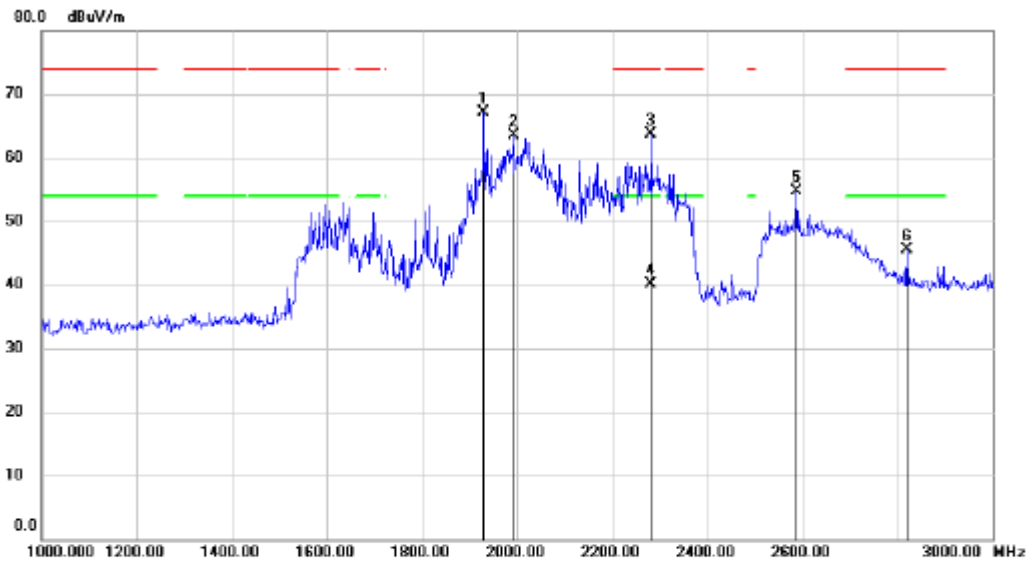




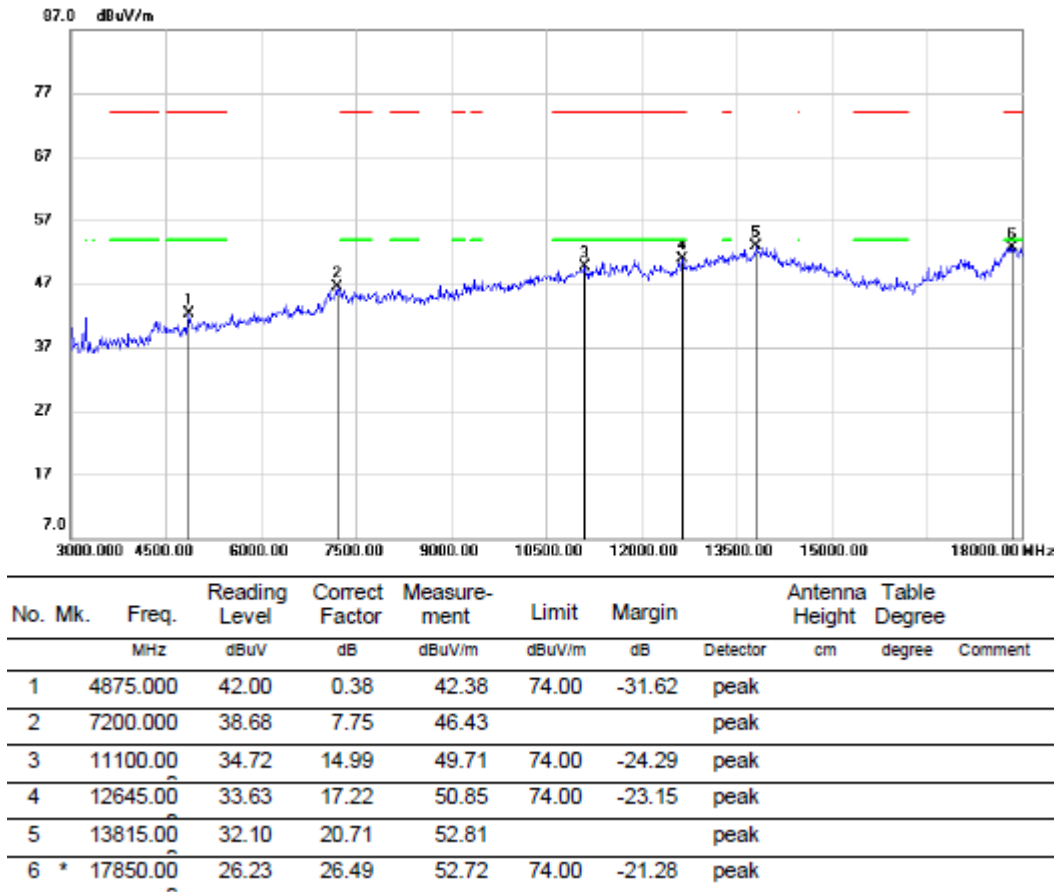
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)



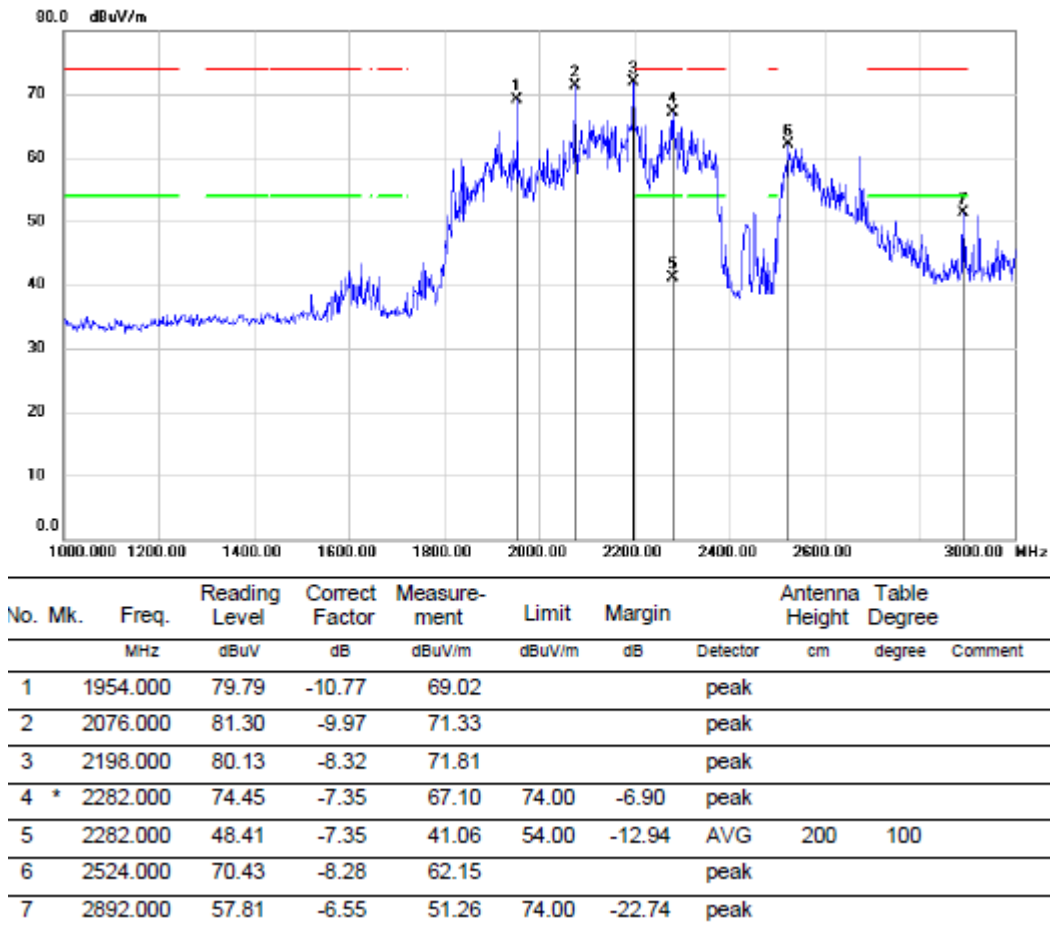
| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|--------|
| | | MHz | Level | Factor | ment | | | Height | Height | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | cm | degree |
| 1 | | 1930.000 | 77.72 | -10.70 | 67.02 | | | | | |
| 2 | | 1992.000 | 74.18 | -10.64 | 63.54 | | | | | |
| 3 | * | 2282.000 | 71.20 | -7.47 | 63.73 | 74.00 | -10.27 | | | |
| 4 | | 2282.000 | 47.57 | -7.47 | 40.10 | 54.00 | -13.90 | 200 | | 93 |
| 5 | | 2588.000 | 62.94 | -8.17 | 54.77 | | | | | |
| 6 | | 2820.000 | 52.35 | -6.85 | 45.50 | 74.00 | -28.50 | | | |

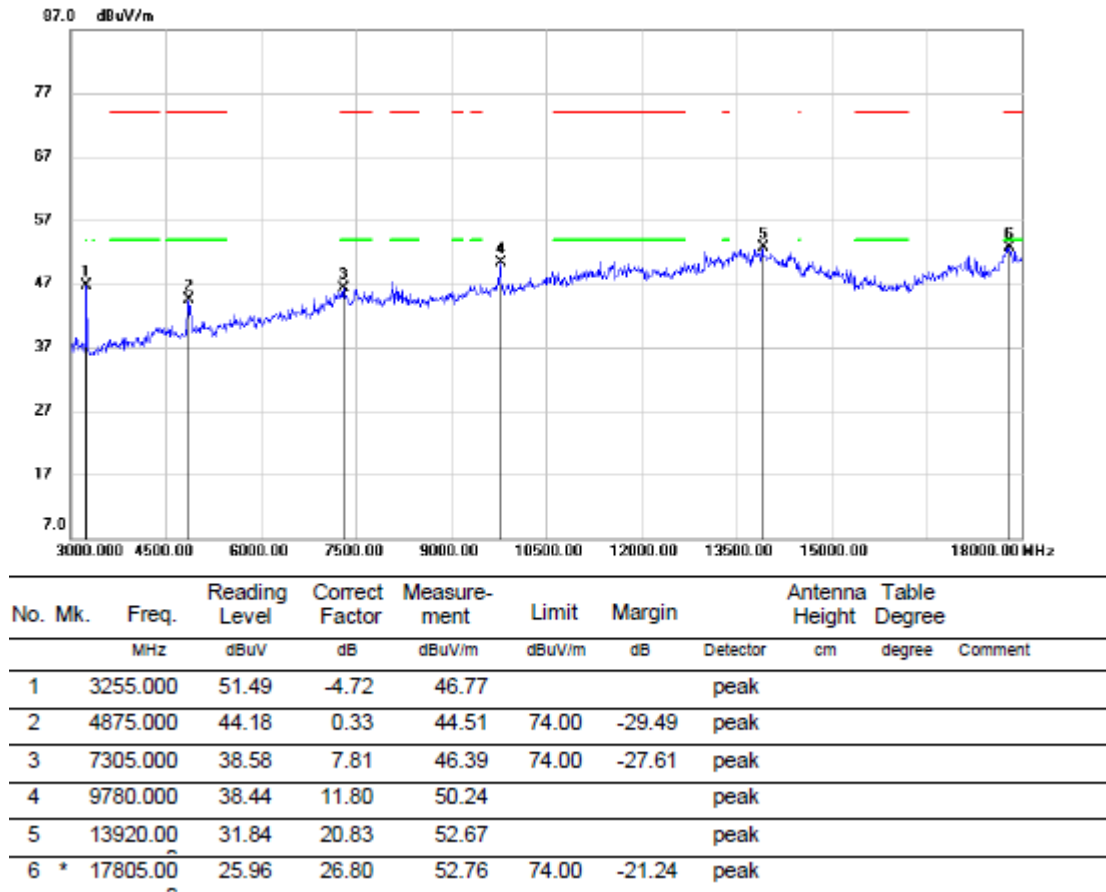


- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)

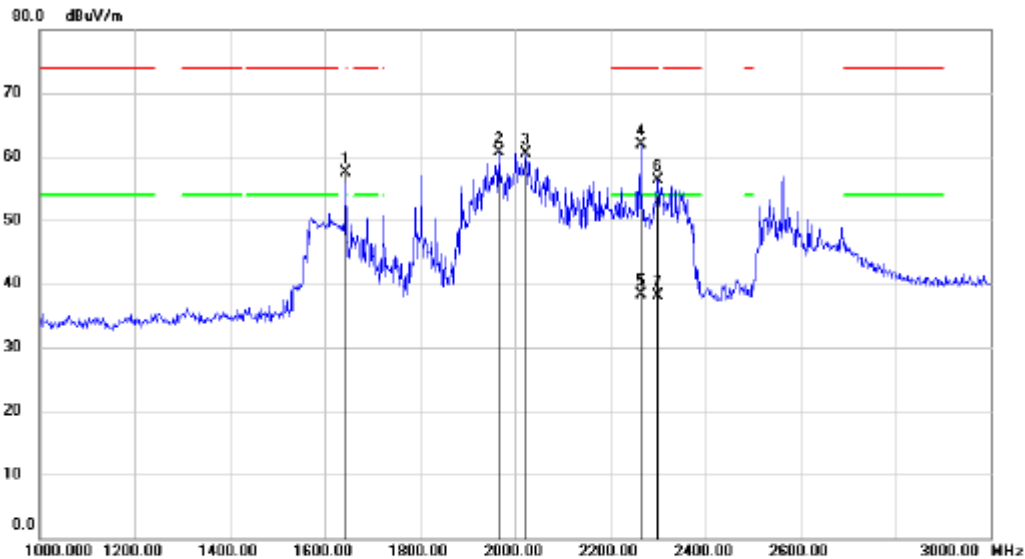




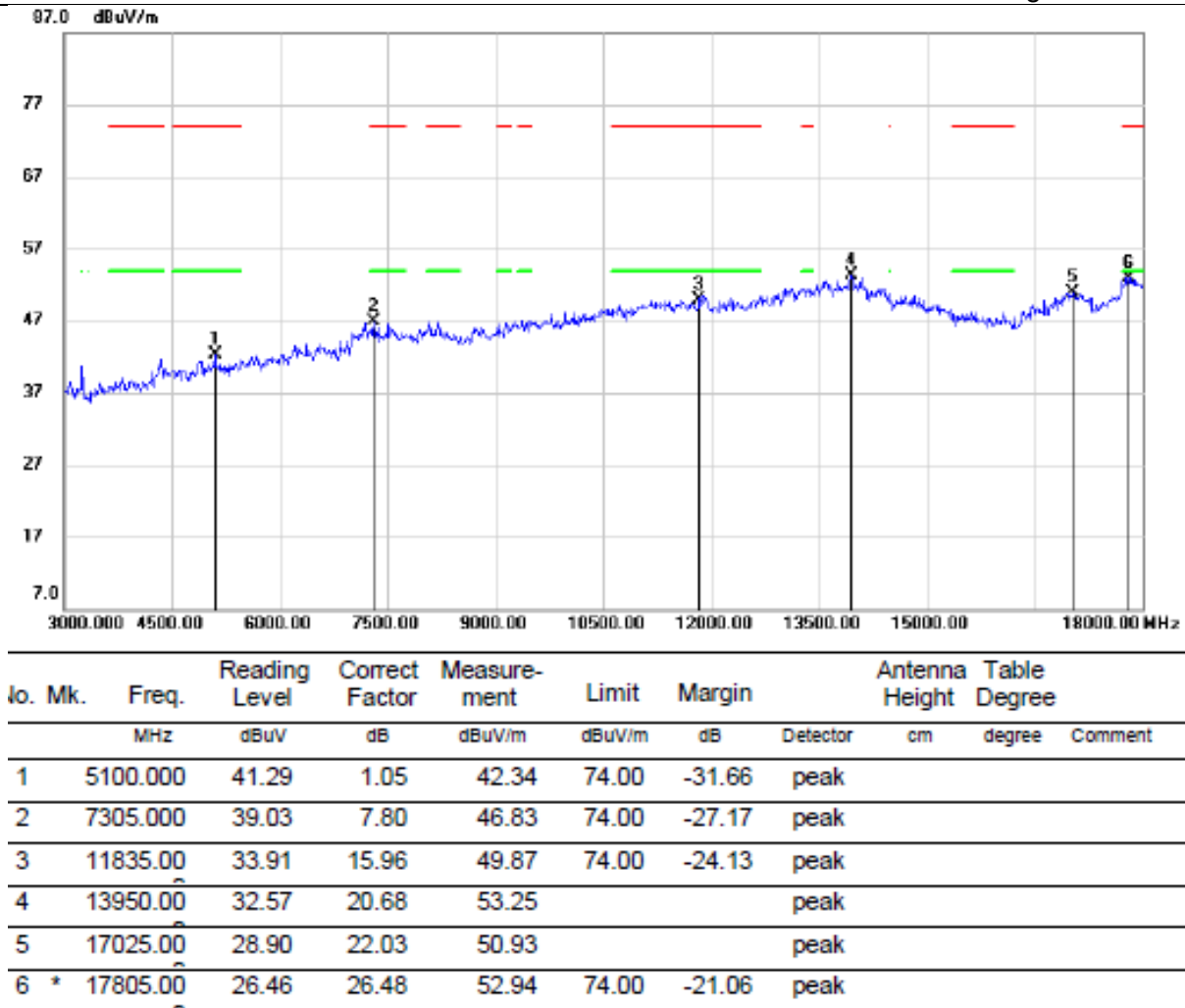
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL9, HORIZONTAL)



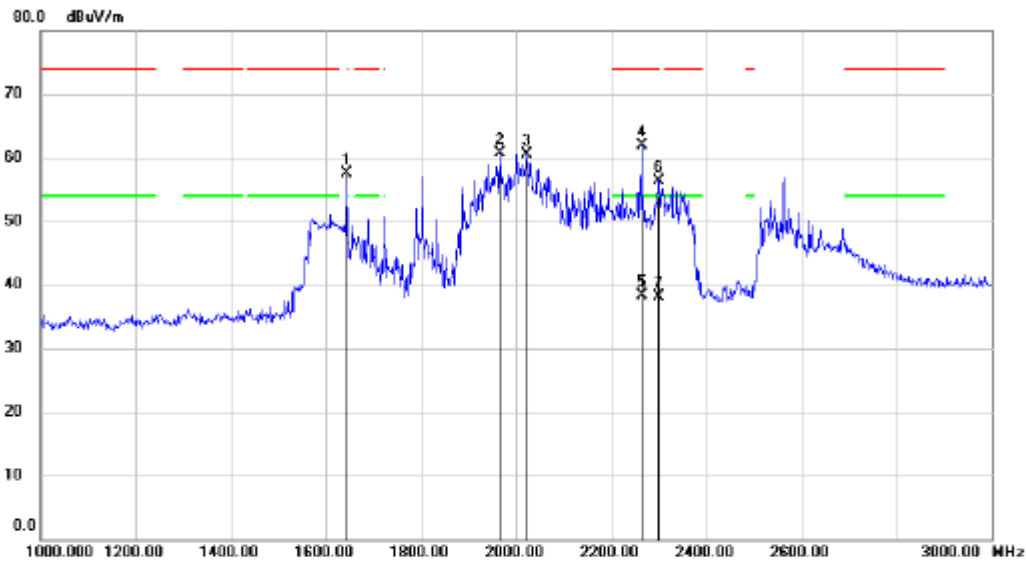
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 1644.000 | 69.27 | -11.77 | 57.50 | | | | | peak |
| 2 | | 1966.000 | 71.29 | -10.67 | 60.62 | | | | | peak |
| 3 | | 2022.000 | 71.00 | -10.44 | 60.56 | | | | | peak |
| 4 | * | 2264.000 | 69.47 | -7.54 | 61.93 | 74.00 | -12.07 | | | peak |
| 5 | | 2264.000 | 45.80 | -7.54 | 38.26 | 54.00 | -15.74 | 200 | 68 | |
| 6 | | 2300.000 | 63.62 | -7.40 | 56.22 | 74.00 | -17.78 | | | peak |
| 7 | | 2300.000 | 45.52 | -7.40 | 38.12 | 54.00 | -15.88 | 200 | 85 | |



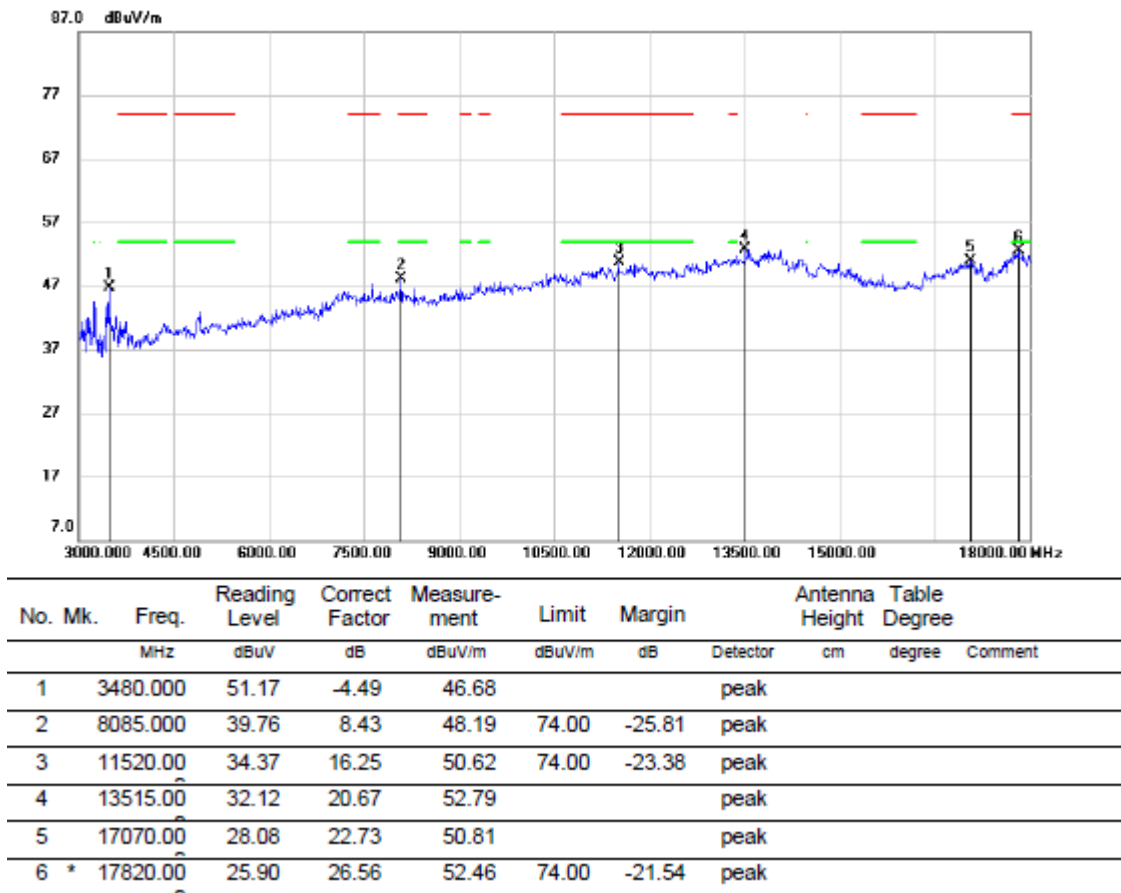
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL9, VERTICAL)



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | Comment |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | | 1644.000 | 69.27 | -11.77 | 57.50 | | | | | peak |
| 2 | | 1966.000 | 71.29 | -10.67 | 60.62 | | | | | peak |
| 3 | | 2022.000 | 71.00 | -10.44 | 60.56 | | | | | peak |
| 4 | * | 2264.000 | 69.47 | -7.54 | 61.93 | 74.00 | -12.07 | | | peak |
| 5 | | 2264.000 | 45.80 | -7.54 | 38.26 | 54.00 | -15.74 | AVG | 200 | 68 |
| 6 | | 2300.000 | 63.62 | -7.40 | 56.22 | 74.00 | -17.78 | | | peak |
| 7 | | 2300.000 | 45.52 | -7.40 | 38.12 | 54.00 | -15.88 | AVG | 200 | 85 |



- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=10Hz.
5. For transmit duration, please refer to clause 7.1.

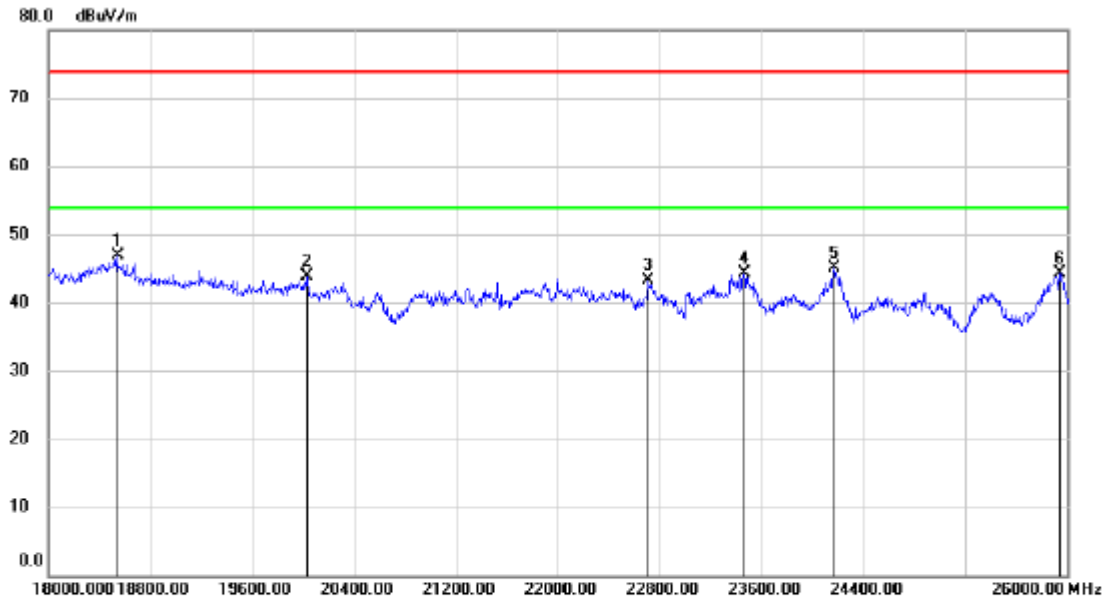
Note: All transmission modes and antennas were tested, but only the worst data was recorded in the report.

8.3. SPURIOUS EMISSIONS (18~25GHz)

8.3.1. 802.11b MODE

SPURIOUS EMISSIONS (SISO Ant 2 Mode)

MID CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

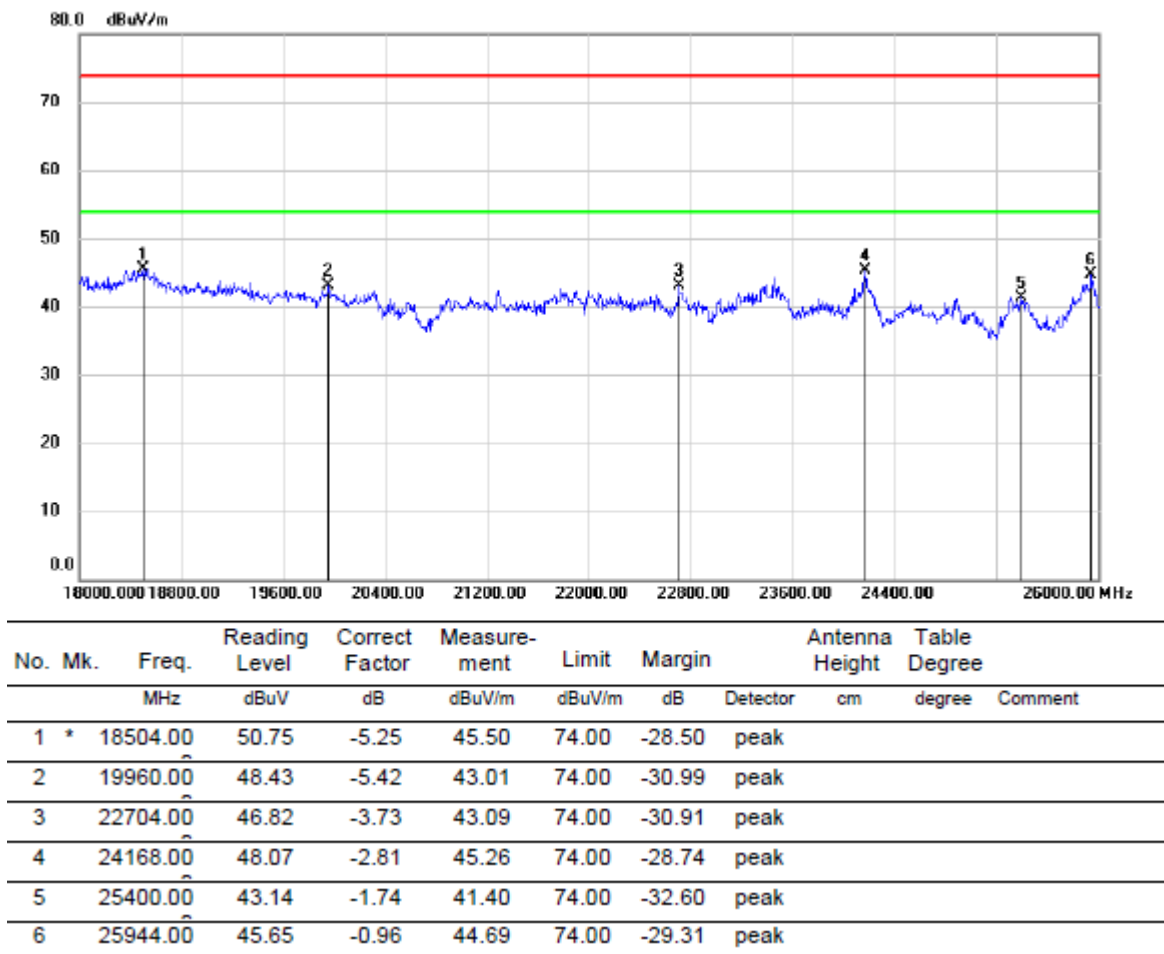


| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|-------------------------|-----------------|---------|
| 1 | * | 18544.00 | 52.15 | -5.28 | 46.87 | 74.00 | -27.13 | peak | | |
| 2 | | 20032.00 | 49.42 | -5.47 | 43.95 | 74.00 | -30.05 | peak | | |
| 3 | | 22704.00 | 47.08 | -3.73 | 43.35 | 74.00 | -30.65 | peak | | |
| 4 | | 23464.00 | 47.50 | -3.18 | 44.32 | 74.00 | -29.68 | peak | | |
| 5 | | 24168.00 | 47.93 | -2.81 | 45.12 | 74.00 | -28.88 | peak | | |
| 6 | | 25944.00 | 45.27 | -0.96 | 44.31 | 74.00 | -29.69 | peak | | |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.



SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

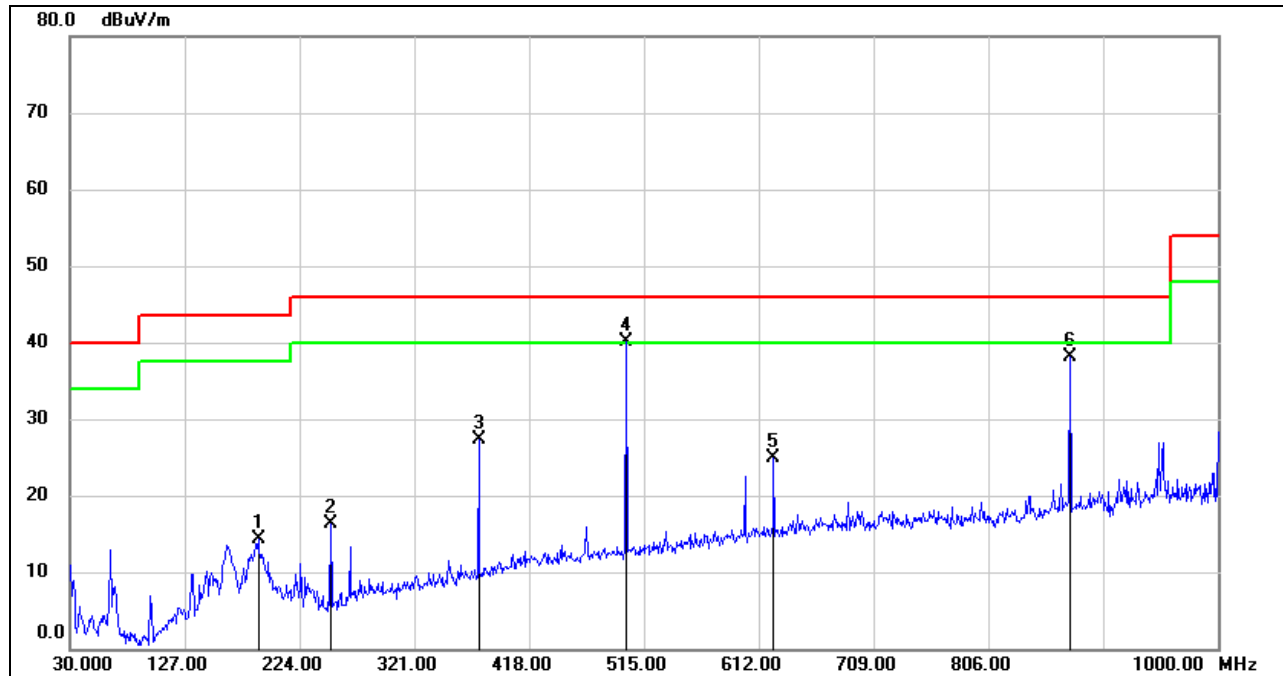
Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.



8.4. SPURIOUS EMISSIONS (30M ~ 1 GHz)

8.4.1. 802.11b MODE

SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct dB/m | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|---------------------|-----------------|--------------------|-------------------|----------------|--------|
| 1 | 189.0800 | 29.25 | -15.00 | 14.25 | 43.50 | -29.25 | QP |
| 2 | 250.1900 | 33.99 | -17.70 | 16.29 | 46.00 | -29.71 | QP |
| 3 | 375.3200 | 40.27 | -13.05 | 27.22 | 46.00 | -18.78 | QP |
| 4 | 500.4500 | 51.25 | -11.11 | 40.14 | 46.00 | -5.86 | QP |
| 5 | 624.6100 | 33.79 | -8.80 | 24.99 | 46.00 | -21.01 | QP |
| 6 | 874.8700 | 43.89 | -5.70 | 38.19 | 46.00 | -7.81 | QP |

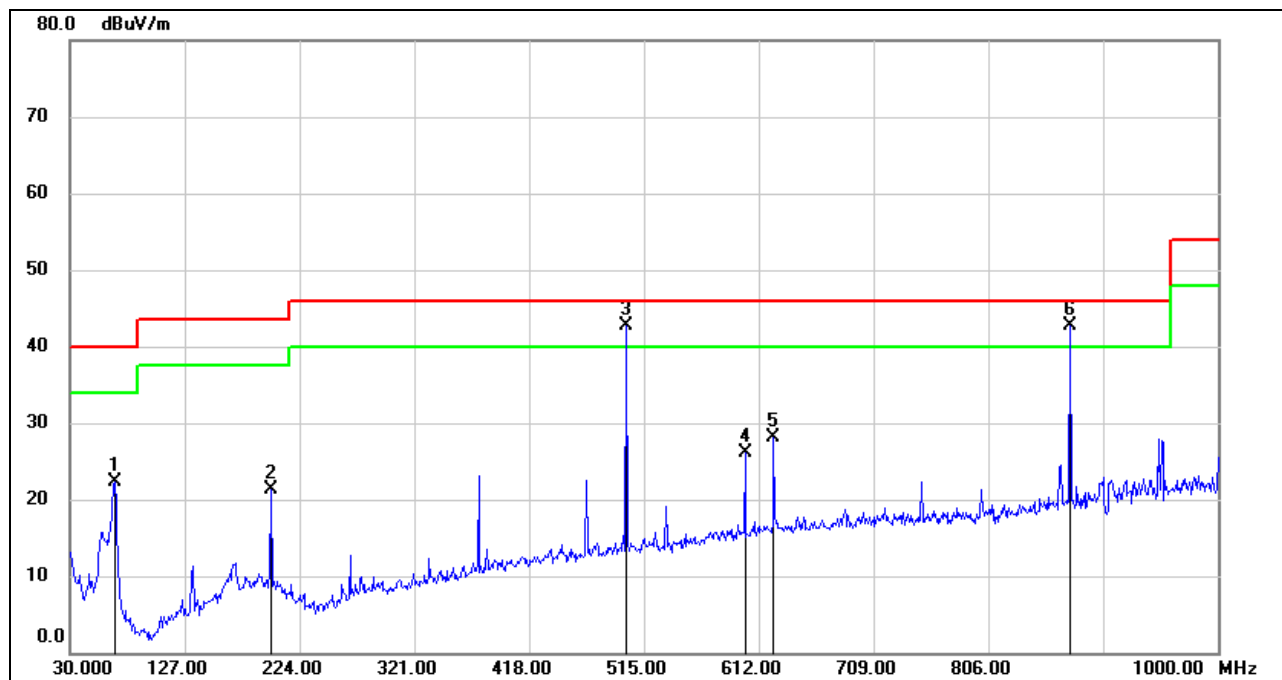
Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.

Note: The power adapter of all manufacturers has been tested, but only the worst data recorded in the report. The power adapter of DONGGUANFUHUA ELECTRIC CO., LTD. is worst case configuration.

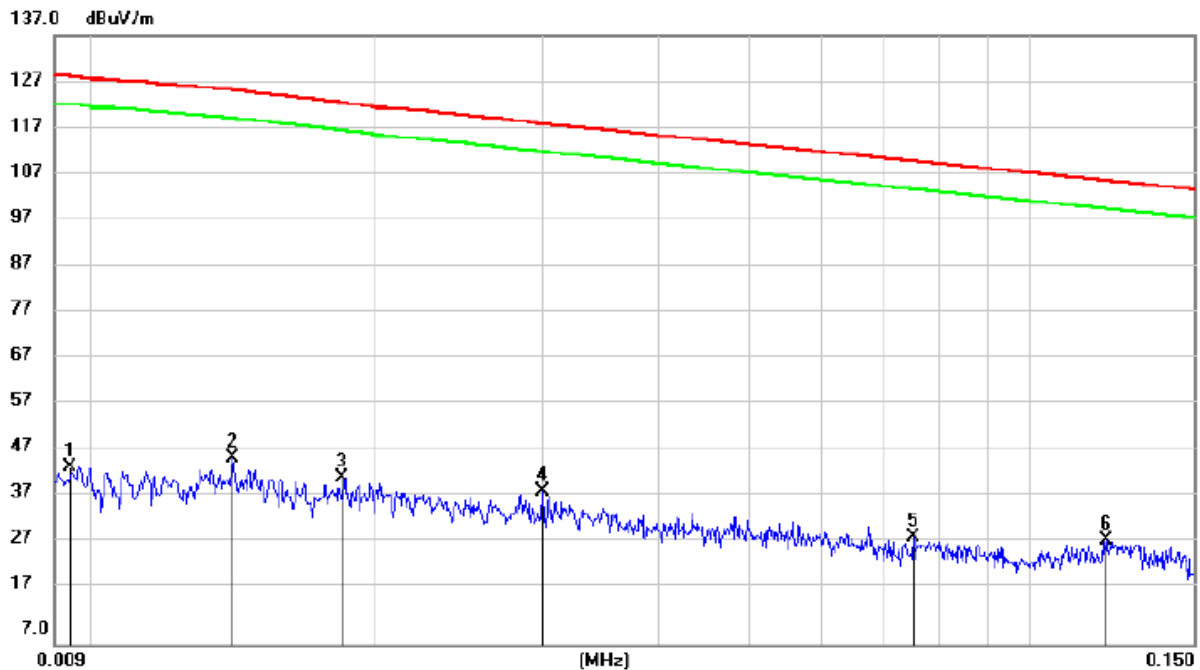


8.5. SPURIOUS EMISSIONS BELOW 30M

8.5.1. 802.11b MODE

SPURIOUS EMISSIONS (SISO Ant 2, LOW CHANNEL,
WORST-CASE CONFIGURATION, HORIZONTAL)

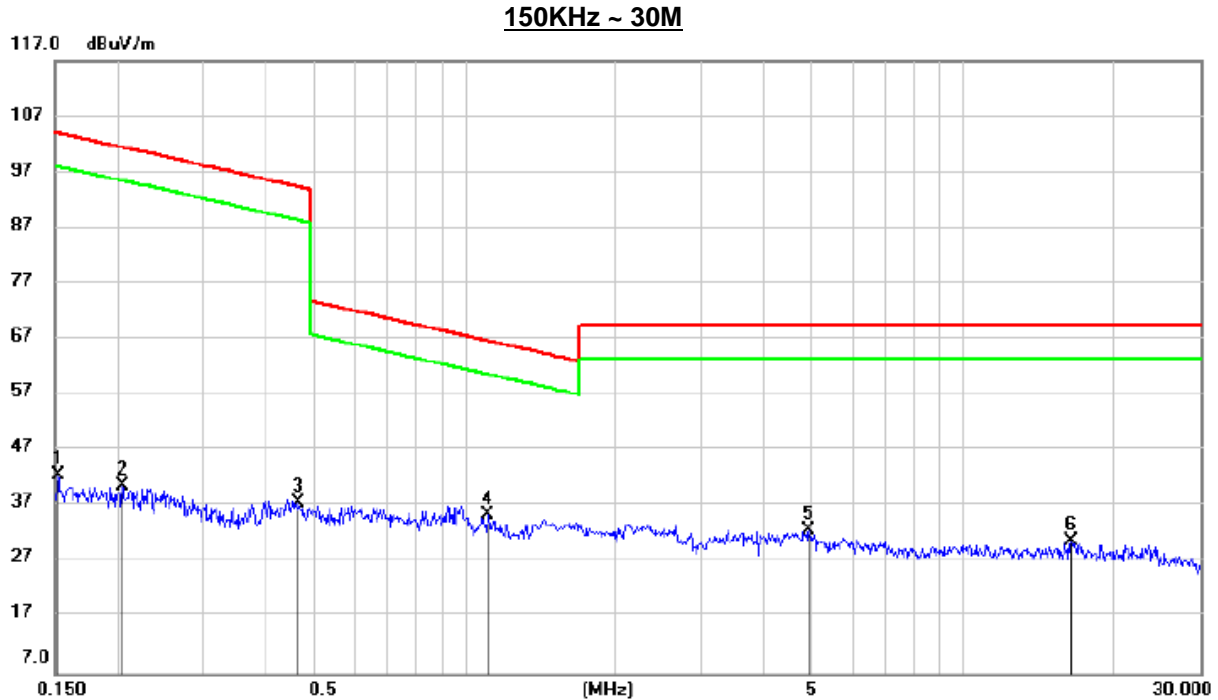
9 KHz~ 150 KHz



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|--------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 0.0094 | 24.52 | 20.26 | 44.78 | 128.0 | -83.28 | QP | | |
| 2 | | 0.0140 | 26.50 | 20.25 | 46.75 | 125.1 | -78.44 | QP | | |
| 3 | | 0.0183 | 22.42 | 20.29 | 42.71 | 122.6 | -79.89 | QP | | |
| 4 | | 0.0300 | 19.45 | 20.31 | 39.76 | 118.0 | -78.30 | QP | | |
| 5 | | 0.0751 | 9.51 | 20.31 | 29.82 | 110.1 | -80.29 | QP | | |
| 6 | * | 0.1208 | 8.99 | 20.30 | 29.29 | 105.9 | -76.67 | QP | | |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|---------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 0.1524 | 22.20 | 20.42 | 42.62 | 103.9 | -61.33 | | | QP |
| 2 | | 0.2048 | 20.24 | 20.36 | 40.60 | 101.4 | -60.81 | | | QP |
| 3 | | 0.4637 | 17.31 | 20.25 | 37.56 | 94.31 | -56.75 | | | QP |
| 4 | * | 1.1109 | 14.93 | 20.41 | 35.34 | 66.70 | -31.36 | | | QP |
| 5 | | 4.8997 | 11.92 | 20.84 | 32.76 | 69.54 | -36.78 | | | QP |
| 6 | | 16.4856 | 9.74 | 20.96 | 30.70 | 69.54 | -38.84 | | | QP |

Note: 1. Measurement = Reading Level + Correct Factor.

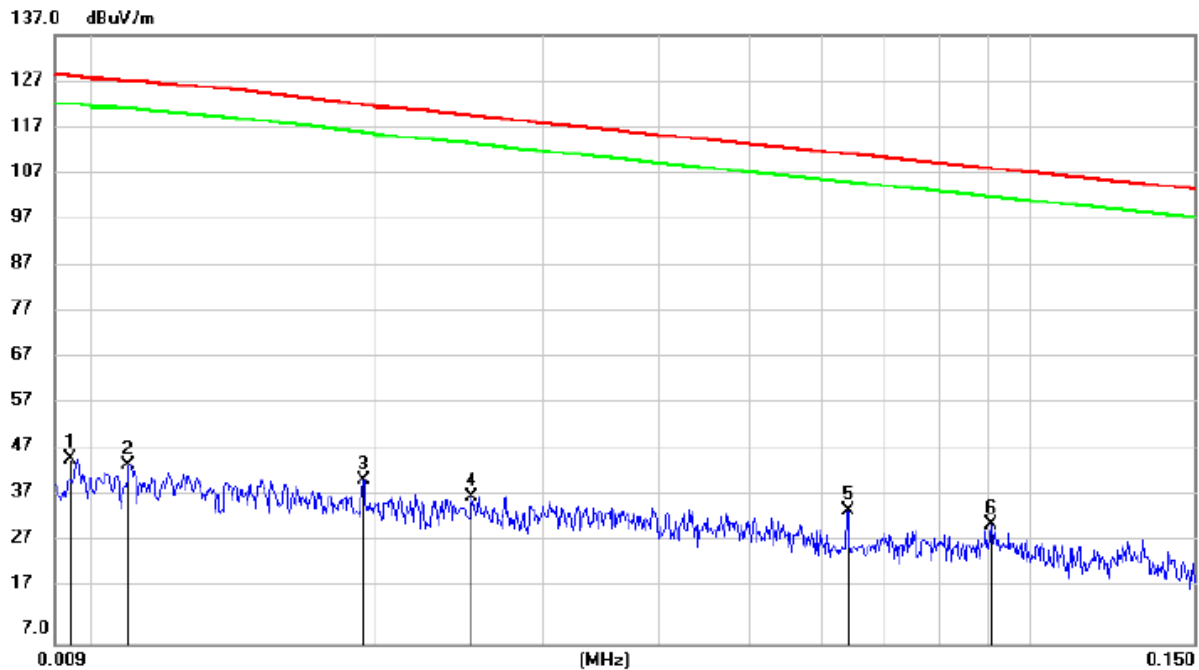
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

Note: The power adapter of all manufacturers has been tested, but only the worst data recorded in the report. The power adapter of DONGGUANFUHUA ELECTRIC CO., LTD. is worst case configuration.



SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

9KHz~ 150KHz



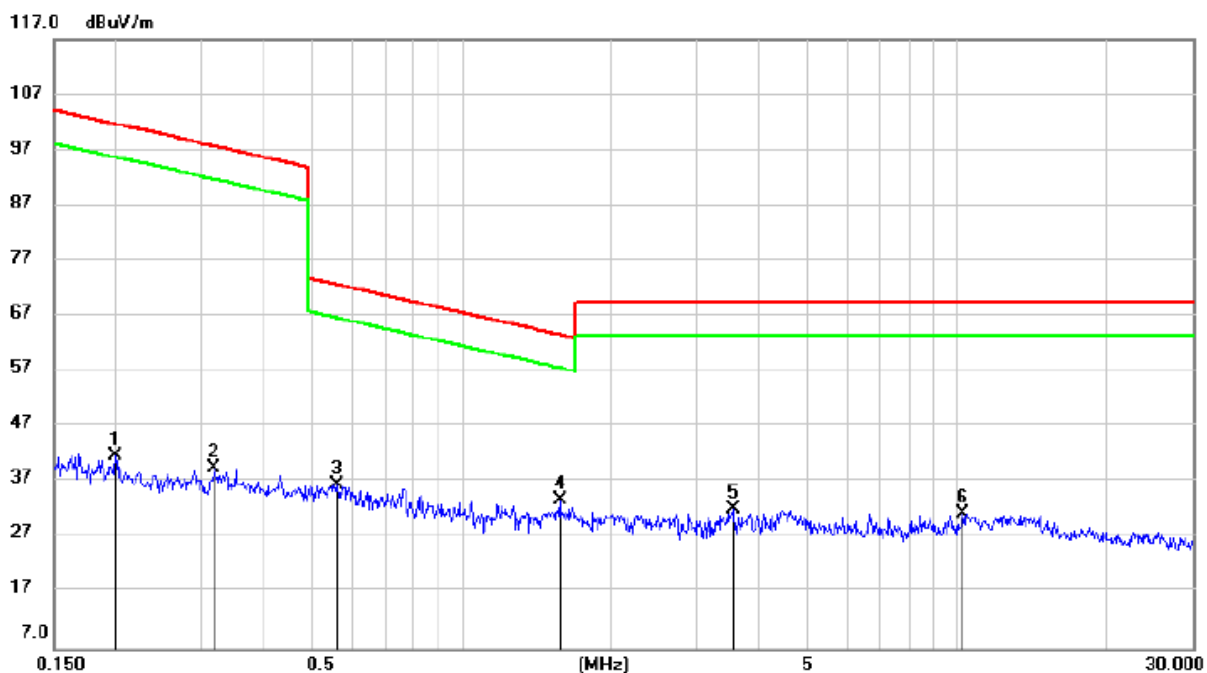
| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|--------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 0.0094 | 26.23 | 20.26 | 46.49 | 128.0 | -81.57 | QP | | |
| 2 | | 0.0108 | 25.07 | 20.22 | 45.29 | 127.1 | -81.83 | QP | | |
| 3 | | 0.0193 | 21.79 | 20.30 | 42.09 | 122.0 | -79.91 | QP | | |
| 4 | | 0.0252 | 18.12 | 20.31 | 38.43 | 119.7 | -81.32 | QP | | |
| 5 | | 0.0637 | 15.21 | 20.31 | 35.52 | 111.5 | -76.02 | QP | | |
| 6 | * | 0.0908 | 12.17 | 20.26 | 32.43 | 108.4 | -76.02 | QP | | |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



150KHz ~ 30M



| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Margin | Antenna | Table | |
|-----|-----|---------|---------|---------|----------|--------|--------|---------|--------|---------|
| | | MHz | Level | Factor | ment | | | Height | Degree | |
| | | | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | | 0.1995 | 21.49 | 20.37 | 41.86 | 101.6 | -59.74 | QP | | |
| 2 | | 0.3165 | 19.21 | 20.30 | 39.51 | 97.65 | -58.14 | QP | | |
| 3 | | 0.5581 | 16.44 | 20.26 | 36.70 | 72.71 | -36.01 | QP | | |
| 4 | * | 1.5766 | 13.13 | 20.58 | 33.71 | 63.65 | -29.94 | QP | | |
| 5 | | 3.5278 | 11.11 | 20.98 | 32.09 | 69.54 | -37.45 | QP | | |
| 6 | | 10.2873 | 10.35 | 21.05 | 31.40 | 69.54 | -38.14 | QP | | |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.

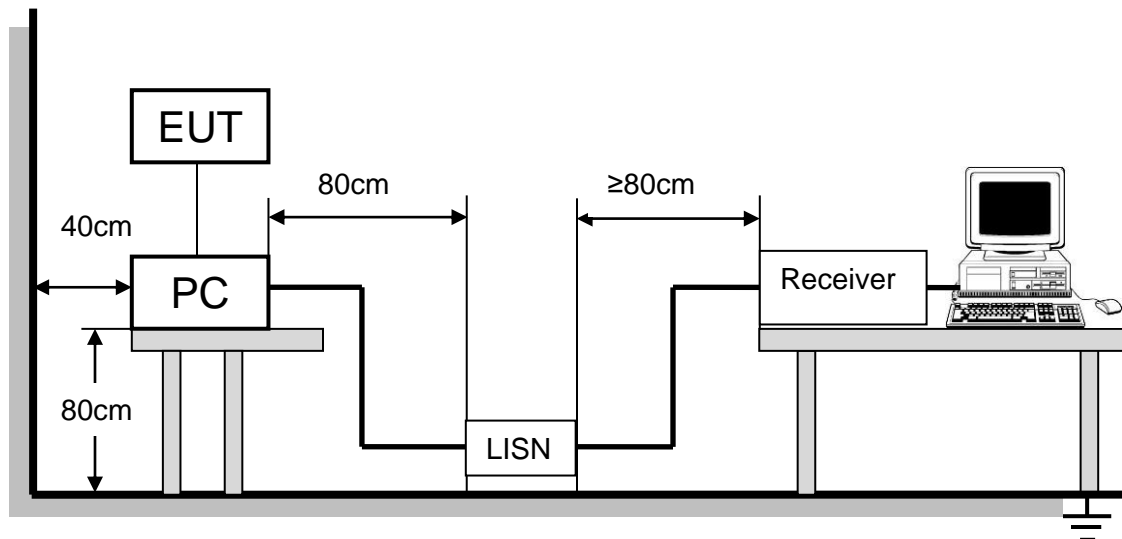
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a) and RSS-Gen Clause 8.8.

| FREQUENCY (MHz) | Class A (dBuV) | | Class B (dBuV) | |
|-----------------|----------------|---------|----------------|-----------|
| | Quasi-peak | Average | Quasi-peak | Average |
| 0.15 -0.5 | 79.00 | 66.00 | 66 - 56 * | 56 - 46 * |
| 0.50 -5.0 | 73.00 | 60.00 | 56.00 | 46.00 |
| 5.0 -30.0 | 73.00 | 60.00 | 60.00 | 50.00 |

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10 -2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

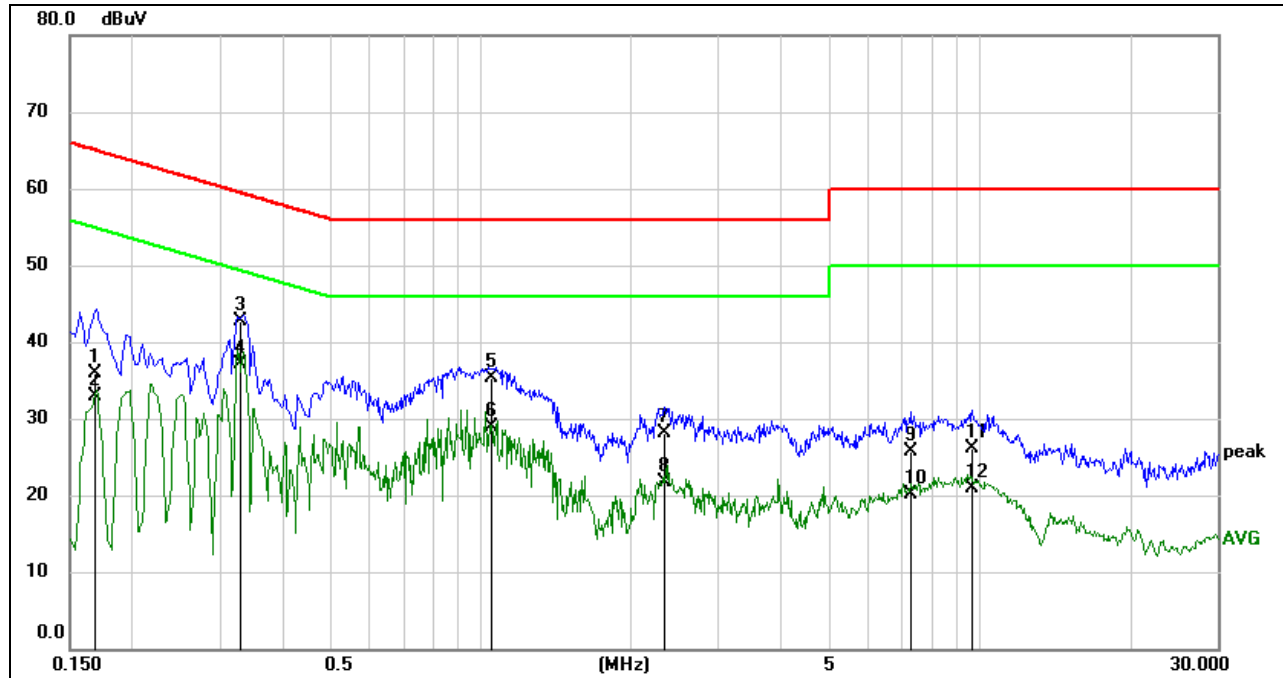
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.



TEST RESULTS

9.1.1. 802.11b MODE

LINE N RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)

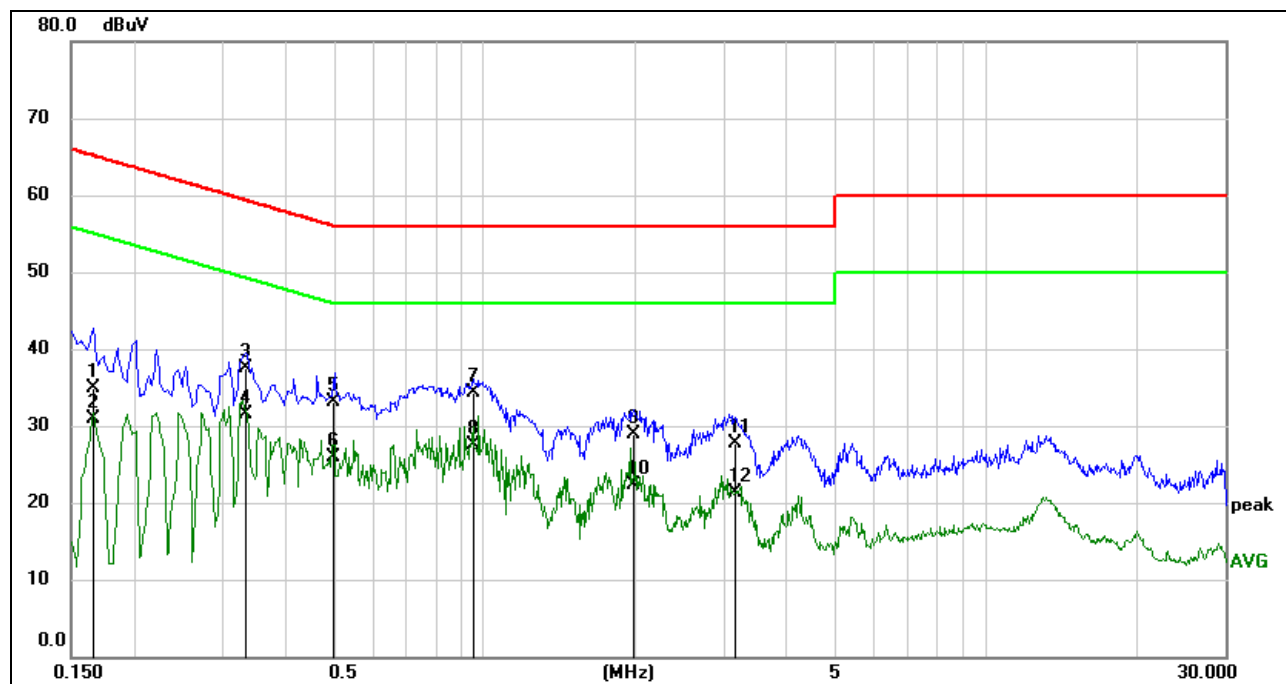


| No. | Frequency (MHz) | Reading (dBuV) | Correct dB | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|--------------------|-------------------|---------------|------------------|-----------------|----------------|--------|
| 1 | 0.1685 | 26.22 | 9.62 | 35.84 | 65.03 | -29.19 | QP |
| 2 | 0.1685 | 23.38 | 9.62 | 33.00 | 55.03 | -22.03 | AVG |
| 3 | 0.3302 | 33.07 | 9.63 | 42.70 | 59.45 | -16.75 | QP |
| 4 | 0.3302 | 27.52 | 9.63 | 37.15 | 49.45 | -12.30 | AVG |
| 5 | 1.0577 | 25.73 | 9.63 | 35.36 | 56.00 | -20.64 | QP |
| 6 | 1.0577 | 19.30 | 9.63 | 28.93 | 46.00 | -17.07 | AVG |
| 7 | 2.3337 | 18.47 | 9.66 | 28.13 | 56.00 | -27.87 | QP |
| 8 | 2.3337 | 11.98 | 9.66 | 21.64 | 46.00 | -24.36 | AVG |
| 9 | 7.3090 | 15.88 | 9.80 | 25.68 | 60.00 | -34.32 | QP |
| 10 | 7.3090 | 10.35 | 9.80 | 20.15 | 50.00 | -29.85 | AVG |
| 11 | 9.6820 | 15.95 | 10.09 | 26.04 | 60.00 | -33.96 | QP |
| 12 | 7.6230 | 21.58 | 9.84 | 31.42 | 50.00 | -18.58 | AVG |

- Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.



LINE L RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct dB | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|--------------------|-------------------|---------------|------------------|-----------------|----------------|--------|
| 1 | 0.1666 | 25.20 | 9.63 | 34.83 | 65.13 | -30.30 | QP |
| 2 | 0.1666 | 21.26 | 9.63 | 30.89 | 55.13 | -24.24 | AVG |
| 3 | 0.3341 | 27.95 | 9.63 | 37.58 | 59.35 | -21.77 | QP |
| 4 | 0.3341 | 21.88 | 9.63 | 31.51 | 49.35 | -17.84 | AVG |
| 5 | 0.4993 | 23.47 | 9.63 | 33.10 | 56.01 | -22.91 | QP |
| 6 | 0.4993 | 16.18 | 9.63 | 25.81 | 46.01 | -20.20 | AVG |
| 7 | 0.9504 | 24.74 | 9.64 | 34.38 | 56.00 | -21.62 | QP |
| 8 | 0.9504 | 17.92 | 9.64 | 27.56 | 46.00 | -18.44 | AVG |
| 9 | 1.9754 | 19.26 | 9.66 | 28.92 | 56.00 | -27.08 | QP |
| 10 | 1.9754 | 12.57 | 9.66 | 22.23 | 46.00 | -23.77 | AVG |
| 11 | 3.1770 | 18.11 | 9.68 | 27.79 | 56.00 | -28.21 | QP |
| 12 | 3.1770 | 11.54 | 9.68 | 21.22 | 46.00 | -24.78 | AVG |

- Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.

Note: The power adapter of all manufacturers has been tested, but only the worst data recorded in the report. The power adapter of DONGGUANFUHUA ELECTRIC CO., LTD. is worst case configuration.



10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RESULTS

Complies

END OF REPORT