

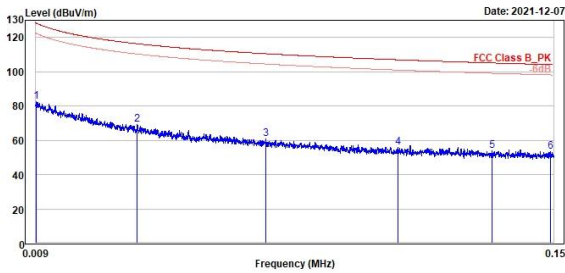
## Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

### 802.11b

#### Middle Channel (Open) 9kHz~150kHz



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No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
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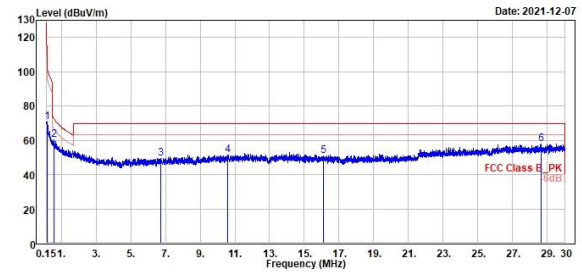


|   | Freq | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos             | Remark | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|------|------------------|--------|-----------|------|
|   | MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg              |        |           |      |
| 1 | 0.01 | 82.40  | 4.79  | 77.61 | 128.30 | -45.90 | 100  | 296  | Q <sup>o</sup>   | Open   |           |      |
| 2 | 0.04 | 69.07  | 1.96  | 67.11 | 116.30 | -47.23 | 100  | 136  | Q <sup>o</sup>   | Open   |           |      |
| 3 | 0.07 | 61.00  | 0.01  | 60.99 | 110.49 | -49.49 | 100  | 85   | Q <sup>o</sup>   | Open   |           |      |
| 4 | 0.11 | 55.93  | -1.00 | 56.93 | 106.95 | -51.02 | 100  | 147  | Q <sup>o</sup>   | Open   |           |      |
| 5 | 0.13 | 54.05  | -1.78 | 55.83 | 105.11 | -51.06 | 100  | 303  | Q <sup>o</sup>   | Open   |           |      |
| 6 | 0.15 | 53.43  | -1.72 | 55.15 | 104.13 | -50.70 | 100  |      | 2 Q <sup>o</sup> | Open   |           |      |

#### Middle Channel (Open) 150kHz~30MHz



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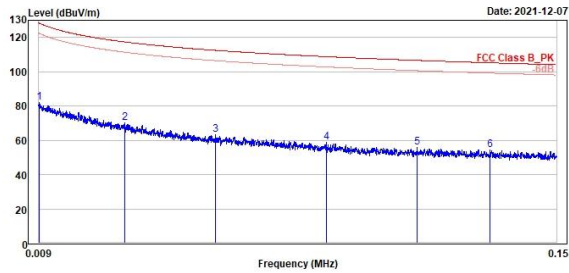
|   | Freq  | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos           | Remark | Pol/Phase | Note |
|---|-------|--------|-------|-------|--------|--------|------|------|----------------|--------|-----------|------|
|   | MHz   | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg            |        |           |      |
| 1 | 0.17  | 70.56  | 16.21 | 54.35 | 103.10 | -32.54 | 100  | 210  | Q <sup>o</sup> | Open   |           |      |
| 2 | 0.60  | 60.40  | 16.17 | 44.23 | 72.07  | -11.67 | 100  | 168  | Q <sup>o</sup> | Open   |           |      |
| 3 | 6.73  | 49.57  | 12.59 | 36.98 | 69.50  | -19.93 | 100  | 274  | Q <sup>o</sup> | Open   |           |      |
| 4 | 10.57 | 51.45  | 13.32 | 38.13 | 69.50  | -18.05 | 100  | 319  | Q <sup>o</sup> | Open   |           |      |
| 5 | 16.09 | 51.00  | 13.27 | 37.73 | 69.50  | -18.50 | 100  | 261  | Q <sup>o</sup> | Open   |           |      |
| 6 | 28.66 | 57.95  | 16.45 | 41.50 | 69.50  | -11.55 | 100  | 24   | Q <sup>o</sup> | Open   |           |      |

**802.11b**

**Middle Channel (Close) 9kHz~150kHz**



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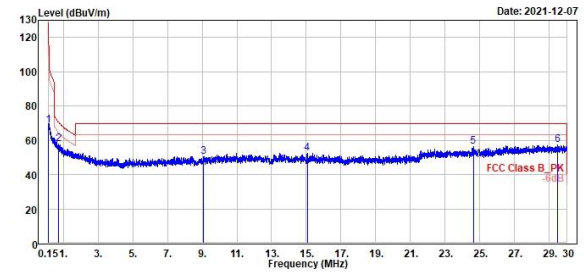


|   | Freq | Level  | Read  | Limit | Over   | APos   | TPos | Remark | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|--------|-----------|------|
|   | MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg    |           |      |
| 1 | 0.01 | 82.12  | 4.44  | 77.68 | 128.37 | -46.25 | 100  | 2 QP   | Close     |      |
| 2 | 0.03 | 70.01  | 1.85  | 68.16 | 117.38 | -47.37 | 100  | 77 QP  | Close     |      |
| 3 | 0.06 | 63.03  | 0.12  | 62.91 | 112.46 | -49.43 | 100  | 213 QP | Close     |      |
| 4 | 0.09 | 58.78  | -0.16 | 58.94 | 108.78 | -50.00 | 100  | 310 QP | Close     |      |
| 5 | 0.11 | 56.02  | -0.73 | 56.75 | 106.61 | -50.59 | 100  | 216 QP | Close     |      |
| 6 | 0.13 | 54.40  | -1.49 | 55.89 | 105.20 | -50.80 | 100  | 0 QP   | Close     |      |

**Middle Channel (Close) 150kHz~30MHz**



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|   | Freq  | Level  | Read  | Limit | Over   | APos   | TPos | Remark | Pol/Phase | Note |
|---|-------|--------|-------|-------|--------|--------|------|--------|-----------|------|
|   | MHz   | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg    |           |      |
| 1 | 0.15  | 68.87  | 13.76 | 55.11 | 104.88 | -35.21 | 100  | 219 QP | Close     |      |
| 2 | 0.73  | 57.65  | 14.44 | 43.21 | 70.35  | -12.70 | 100  | 310 QP | Close     |      |
| 3 | 9.09  | 50.62  | 12.78 | 37.84 | 69.50  | -18.88 | 100  | 128 QP | Close     |      |
| 4 | 15.05 | 52.43  | 14.61 | 37.82 | 69.50  | -17.07 | 100  | 197 QP | Close     |      |
| 5 | 24.62 | 56.18  | 16.57 | 39.61 | 69.50  | -13.32 | 100  | 314 QP | Close     |      |
| 6 | 29.46 | 57.14  | 15.27 | 41.87 | 69.50  | -12.36 | 100  | 1 QP   | Close     |      |

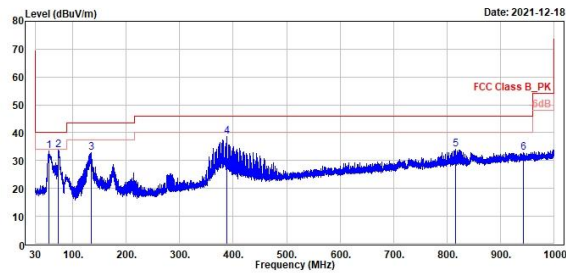
## Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

**802.11b**

### Middle Channel (Horizontal)



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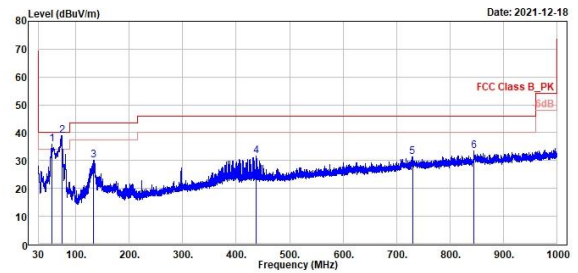


|   | Freq   | Level  | Read  | Level  | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|--------|--------|-------|--------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz    | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 54.93  | 33.58  | 41.66 | -8.08  | 40.00  | -6.42  | 400  | 282  | QP   | Horizontal |           |      |
| 2 | 72.97  | 33.88  | 44.35 | -10.47 | 40.00  | -6.12  | 300  | 148  | QP   | Horizontal |           |      |
| 3 | 133.98 | 32.99  | 41.19 | -8.20  | 43.50  | -10.51 | 200  | 106  | QP   | Horizontal |           |      |
| 4 | 388.32 | 38.50  | 42.83 | -4.33  | 46.00  | -7.50  | 100  | 164  | QP   | Horizontal |           |      |
| 5 | 817.06 | 34.13  | 32.00 | 2.13   | 46.00  | -11.87 | 100  | 210  | QP   | Horizontal |           |      |
| 6 | 942.58 | 32.80  | 28.62 | 4.18   | 46.00  | -13.20 | 132  | 360  | QP   | Horizontal |           |      |

### Middle Channel (Vertical)



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|   | Freq   | Level  | Read  | Level  | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|--------|--------|-------|--------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz    | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 55.12  | 35.84  | 43.92 | -8.08  | 40.00  | -4.16  | 100  | 29   | QP   | Vertical |           |      |
| 2 | 73.55  | 30.99  | 49.67 | -10.68 | 40.00  | -1.01  | 100  | 193  | QP   | Vertical |           |      |
| 3 | 132.43 | 30.25  | 38.57 | -8.32  | 43.50  | -13.25 | 100  | 51   | QP   | Vertical |           |      |
| 4 | 437.30 | 31.76  | 35.68 | -3.92  | 46.00  | -14.24 | 100  | 160  | QP   | Vertical |           |      |
| 5 | 729.95 | 31.46  | 30.67 | 0.79   | 46.00  | -14.54 | 100  | 228  | QP   | Vertical |           |      |
| 6 | 845.58 | 33.39  | 30.84 | 2.55   | 46.00  | -12.61 | 100  | 360  | QP   | Vertical |           |      |

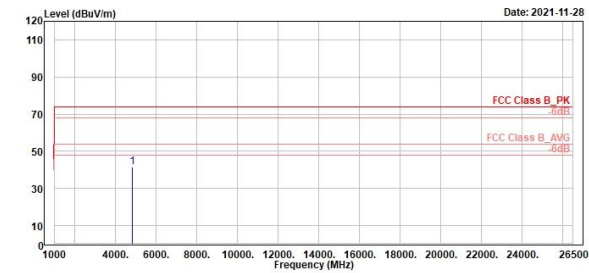
## Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

### 802.11b

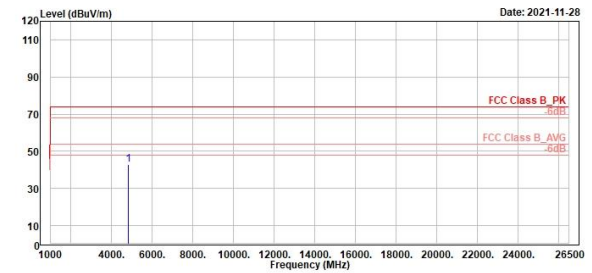
#### Low Channel (Horizontal)



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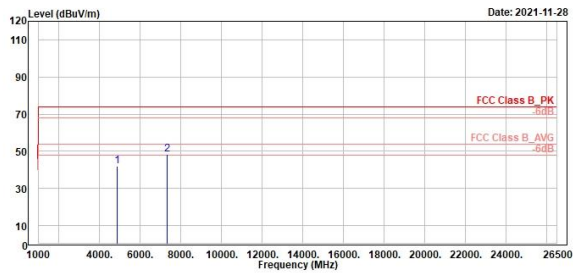


**802.11b**

**Middle Channel (Horizontal)**



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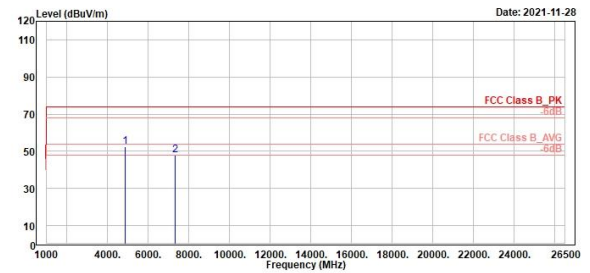


| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1    | 4874.00 | 42.13  | 51.00 | -9.67 | 74.00  | -31.87 | 100  | 344  | Peak | Horizontal |           |      |
| 2    | 7311.00 | 48.31  | 55.56 | -7.25 | 74.00  | -25.69 | 100  | 323  | Peak | Horizontal |           |      |

**Middle Channel (Vertical)**



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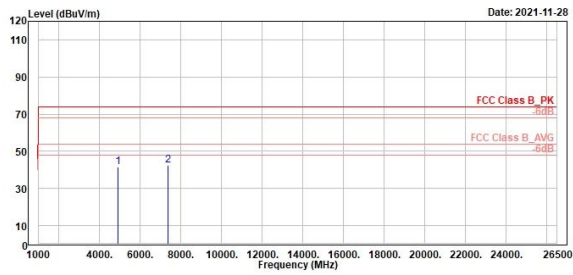
| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1    | 4874.00 | 52.58  | 62.25 | -9.67 | 74.00  | -21.42 | 339  | 358  | Peak | Vertical |           |      |
| 2    | 7311.00 | 48.02  | 55.27 | -7.25 | 74.00  | -25.98 | 300  | 9    | Peak | Vertical |           |      |

**802.11b**

**High Channel (Horizontal)**



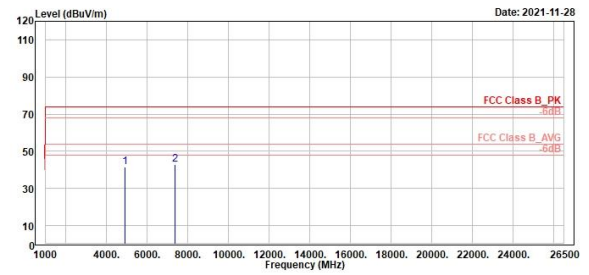
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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 4924.00 | 41.54  | 51.07 | -9.53 | 74.00  | -32.46 | 201  | 245  | Peak | Horizontal |           |      |
| 2 | 7386.00 | 42.30  | 49.63 | -7.33 | 74.00  | -31.70 | 200  | 310  | Peak | Horizontal |           |      |



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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 4924.00 | 41.43  | 50.96 | -9.53 | 74.00  | -32.57 | 300  | 358  | Peak | Vertical |           |      |
| 2 | 7386.00 | 43.02  | 50.35 | -7.33 | 74.00  | -30.98 | 346  | 351  | Peak | Vertical |           |      |

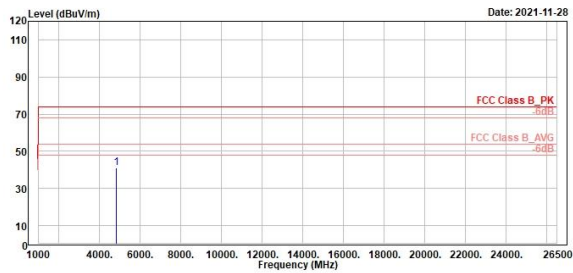
**802.11g**

**Low Channel (Horizontal)**

**Low Channel (Vertical)**



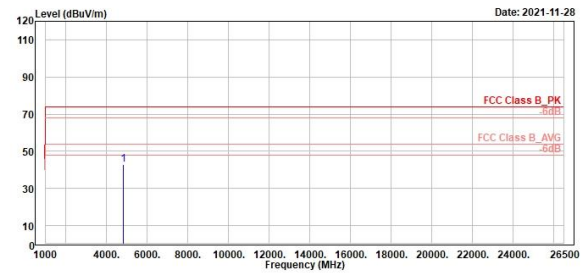
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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 4824.00 | 41.23  | 58.99 | -9.76 | 74.00  | -32.77 | 100  | 226  | Peak | Horizontal |           |      |



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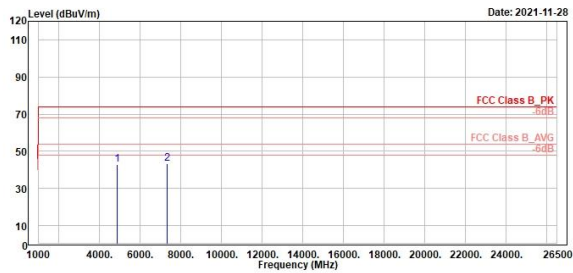
|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 4824.00 | 43.04  | 52.80 | -9.76 | 74.00  | -30.96 | 300  | 354  | Peak | Vertical |           |      |

**802.11g**

**Middle Channel (Horizontal)**



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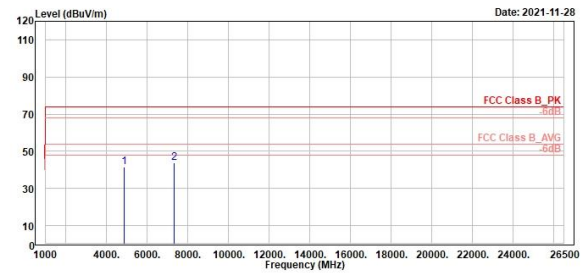


| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1    | 4874.00 | 42.72  | 52.39 | -9.67 | 74.00  | -31.28 | 300  | 31   | Peak | Horizontal |           |      |
| 2    | 7311.00 | 43.51  | 50.76 | -7.25 | 74.00  | -30.49 | 180  | 318  | Peak | Horizontal |           |      |

**Middle Channel (Vertical)**



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| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1    | 4874.00 | 41.67  | 51.34 | -9.67 | 74.00  | -32.33 | 200  | 251  | Peak | Vertical |           |      |
| 2    | 7311.00 | 43.78  | 51.03 | -7.25 | 74.00  | -30.22 | 300  | 358  | Peak | Vertical |           |      |

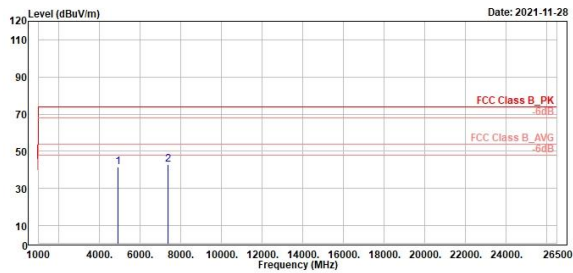
**802.11g**

**High Channel (Horizontal)**

**High Channel (Vertical)**



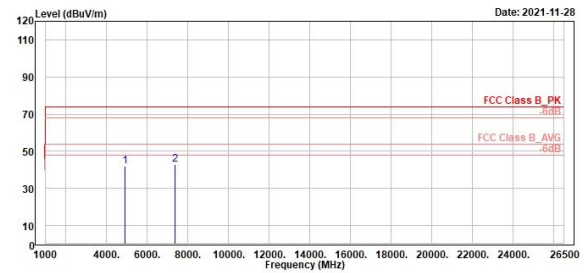
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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 4924.00 | 41.67  | 51.20 | -9.53 | 74.00  | -32.33 | 180  | 235  | Peak | Horizontal |           |      |
| 2 | 7386.00 | 42.67  | 50.00 | -7.33 | 74.00  | -31.33 | 300  | 32   | Peak | Horizontal |           |      |



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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 4924.00 | 42.10  | 51.63 | -9.53 | 74.00  | -31.90 | 300  | 227  | Peak | Vertical |           |      |
| 2 | 7386.00 | 42.92  | 50.25 | -7.33 | 74.00  | -31.08 | 200  | 47   | Peak | Vertical |           |      |

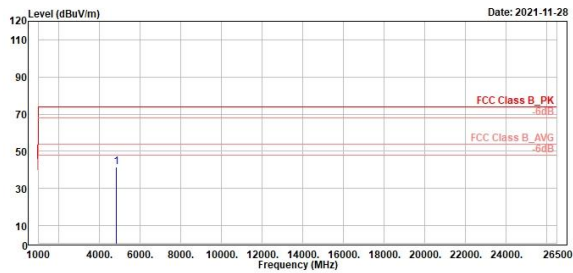
**802.11ax20**

**Low Channel (Horizontal)**

**Low Channel (Vertical)**



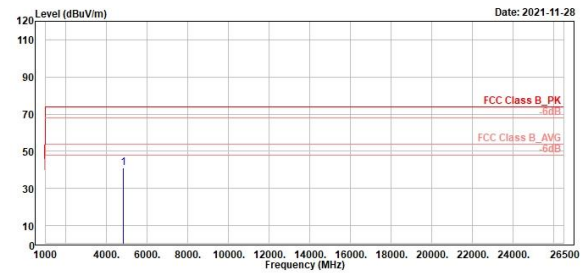
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 4824.00 | 41.44 | 51.20 | -9.76  | 74.00 | -32.56 | 200  | 14   | Peak   | Horizontal |      |



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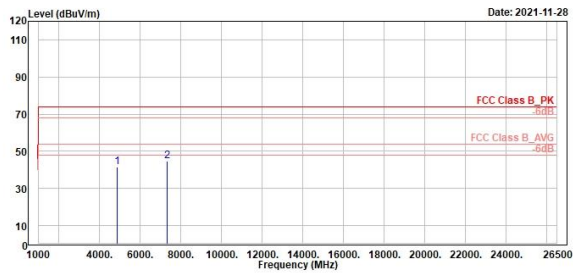
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 4824.00 | 40.93 | 50.69 | -9.76  | 74.00 | -33.07 | 400  | 39   | Peak   | Vertical  |      |

**802.11ax20**

**Middle Channel (Horizontal)**



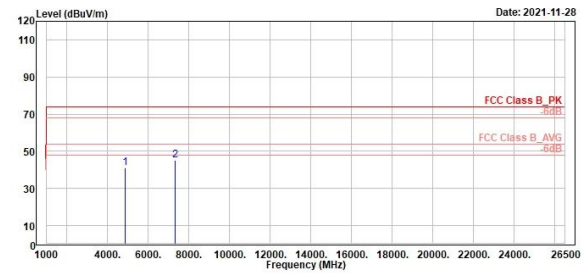
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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1 | 4874.00 | 41.73  | 51.40 | -9.67 | 74.00  | -32.27 | 480  | 248  | Peak | Horizontal |           |      |
| 2 | 7311.00 | 44.88  | 52.13 | -7.25 | 74.00  | -29.12 | 380  | 330  | Peak | Horizontal |           |      |



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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1 | 4874.00 | 41.29  | 50.96 | -9.67 | 74.00  | -32.71 | 480  | 25   | Peak | Vertical |           |      |
| 2 | 7311.00 | 45.31  | 52.56 | -7.25 | 74.00  | -28.69 | 400  | 74   | Peak | Vertical |           |      |

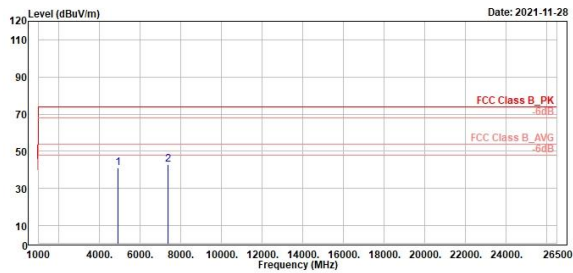
**802.11ax20**

**High Channel (Horizontal)**

**High Channel (Vertical)**



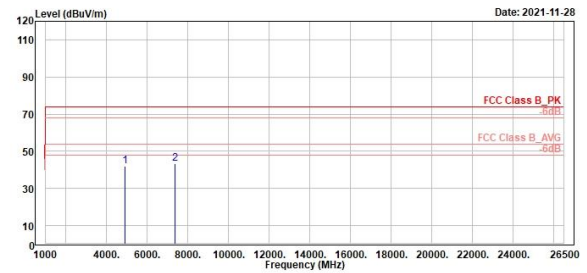
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| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1    | 4924.00 | 41.25  | 50.78 | -9.53 | 74.00  | -32.75 | 280  | 274  | Peak | Horizontal |           |      |
| 2    | 7386.00 | 42.94  | 50.27 | -7.33 | 74.00  | -31.06 | 280  | 360  | Peak | Horizontal |           |      |



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| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1    | 4924.00 | 42.07  | 51.60 | -9.53 | 74.00  | -31.93 | 180  | 66   | Peak | Vertical |           |      |
| 2    | 7386.00 | 43.15  | 50.48 | -7.33 | 74.00  | -30.85 | 180  | 121  | Peak | Vertical |           |      |

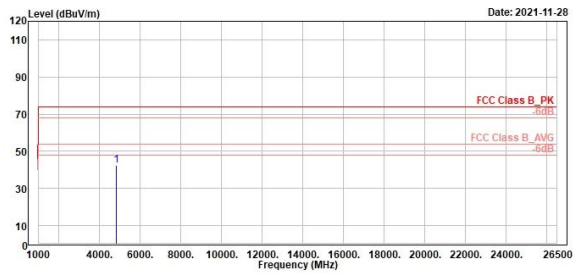
**802.11ax40**

**Low Channel (Horizontal)**

**Low Channel (Vertical)**



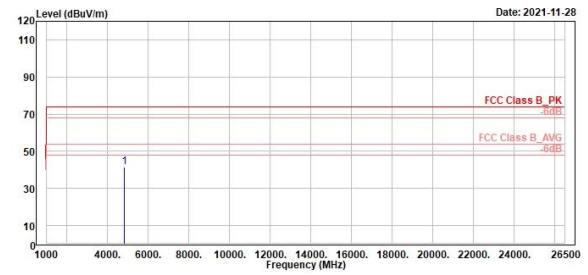
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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 4844.00 | 42.56  | 52.31 | -9.75 | 74.00  | -31.44 | 200  | 243  | Peak | Horizontal |           |      |



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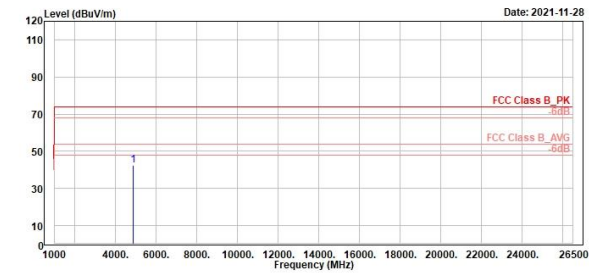
|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 4844.00 | 41.47  | 51.22 | -9.75 | 74.00  | -32.53 | 210  | 358  | Peak | Vertical |           |      |

**802.11ax40**

**Middle Channel (Horizontal)**



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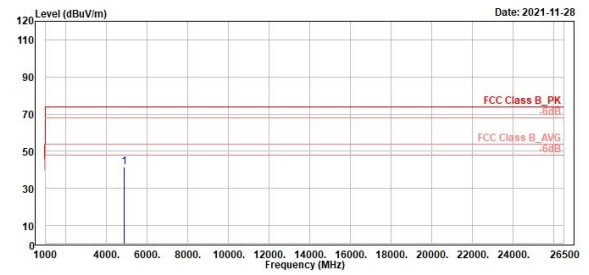


| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 4874.00 | 42.46 | 52.13 | -9.67  | 74.00 | -31.54 | 400  | 293  | Peak   | Horizontal |      |

**Middle Channel (Vertical)**



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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 4874.00 | 41.56 | 51.23 | -9.67  | 74.00 | -32.44 | 400  | 353  | Peak   | Vertical  |      |

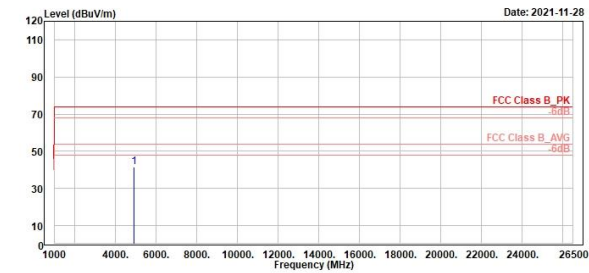
**802.11ax40**

**High Channel (Horizontal)**

**High Channel (Vertical)**



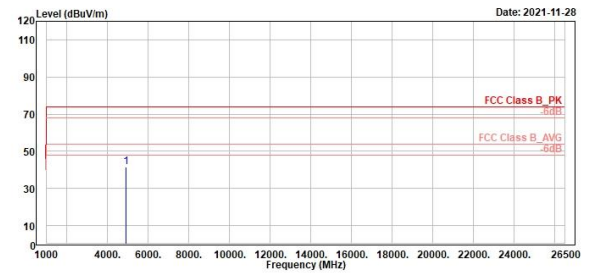
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|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 4984.00 | 41.62  | 51.21 | -9.59 | 74.00  | -32.38 | 201  | 227  | Peak | Horizontal |           |      |



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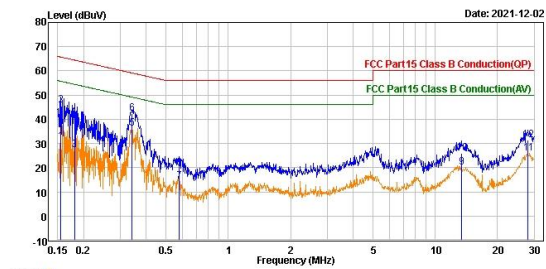
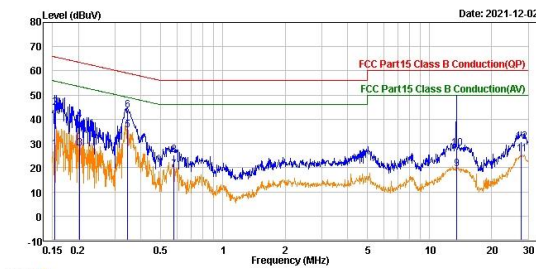
|   | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 4984.00 | 41.59  | 51.18 | -9.59 | 74.00  | -32.41 | 300  | 237  | Peak | Vertical |           |      |

## Mains Conducted Emission, 150kHz ~ 30MHz

### Worst Band

#### (Line)

#### (Neutral)



# Test Results of Radiated Spurious Emissions & Mains Conducted Emission (POE Mode)

## Band Edges, 2.31GHz ~ 2.9GHz

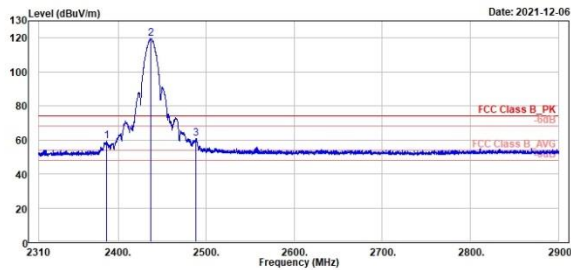
### 802.11b

#### Middle Channel (Horizontal) Peak

#### Middle Channel (Vertical) Peak



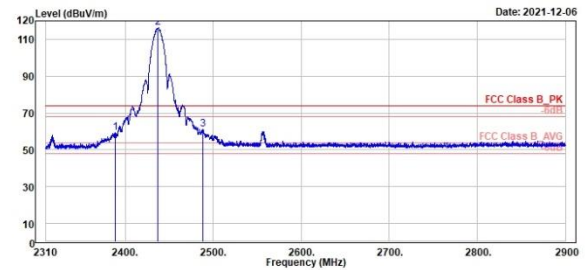
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|     | Freq    | Level  | Read  | Factor | Limit  | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|-----|---------|--------|-------|--------|--------|--------|------|------|--------|------------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg  |        |            |      |
| 1   | 2386.70 | 59.16  | 21.74 | 37.42  | 74.00  | -14.84 | 122  | 341  | Peak   | Horizontal |      |
| 2 * | 2437.00 | 119.65 | 82.10 | 37.55  | 74.00  | 45.65  | 122  | 341  | Peak   | Horizontal |      |
| 3   | 2488.53 | 60.70  | 22.83 | 37.87  | 74.00  | -13.30 | 122  | 341  | Peak   | Horizontal |      |



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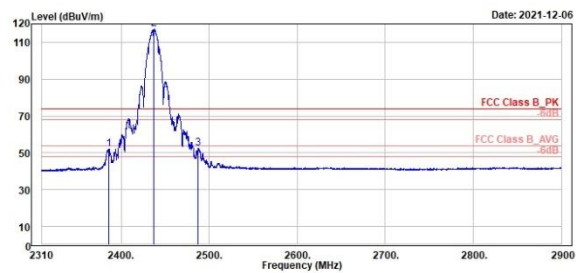
|     | Freq    | Level  | Read  | Factor | Limit  | Over   | APos | TPos | Remark | Pol/Phase | Note |
|-----|---------|--------|-------|--------|--------|--------|------|------|--------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg  |        |           |      |
| 1   | 2389.18 | 59.51  | 22.09 | 37.42  | 74.00  | -14.49 | 266  | 273  | Peak   | Vertical  |      |
| 2 * | 2437.00 | 116.39 | 78.84 | 37.55  | 74.00  | 42.39  | 266  | 273  | Peak   | Vertical  |      |
| 3   | 2488.42 | 61.31  | 23.44 | 37.87  | 74.00  | -12.69 | 266  | 273  | Peak   | Vertical  |      |

**802.11b**

**Middle Channel (Horizontal) Average**



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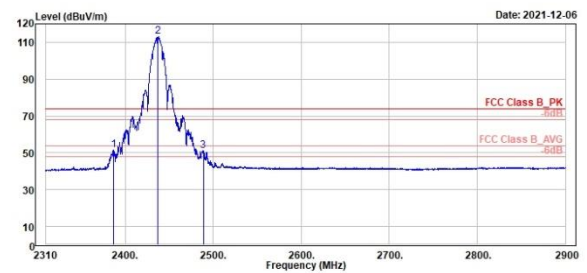


|   | Freq    | Level  | Read  | Level | Factor | Limit | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|-------|------|------|---------|------------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB    | dB   | cm   | deg     |            |           |      |
| 1 | 2386.11 | 52.17  | 14.75 | 37.42 | 54.00  | -1.83 | 122  | 341  | Average | Horizontal |           |      |
| 2 | 2437.00 | 117.22 | 79.67 | 37.55 | 54.00  | 63.22 | 122  | 341  | Average | Horizontal |           |      |
| 3 | 2487.59 | 52.61  | 14.74 | 37.87 | 54.00  | -1.39 | 122  | 341  | Average | Horizontal |           |      |

**Middle Channel (Vertical) Average**



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|   | Freq    | Level  | Read  | Level | Factor | Limit | Over | APos | TPos    | Remark   | Pol/Phase | Note |
|---|---------|--------|-------|-------|--------|-------|------|------|---------|----------|-----------|------|
|   | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB    | dB   | cm   | deg     |          |           |      |
| 1 | 2386.58 | 51.40  | 13.98 | 37.42 | 54.00  | -2.60 | 266  | 273  | Average | Vertical |           |      |
| 2 | 2437.00 | 113.18 | 75.63 | 37.55 | 54.00  | 59.18 | 266  | 273  | Average | Vertical |           |      |
| 3 | 2488.77 | 51.23  | 13.36 | 37.87 | 54.00  | -2.77 | 266  | 273  | Average | Vertical |           |      |

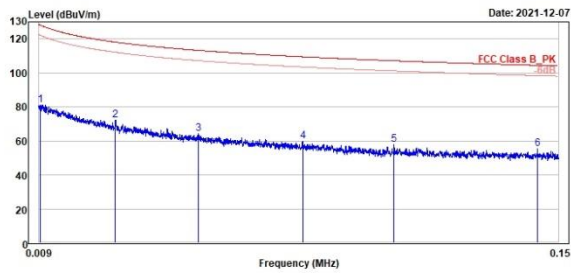
## Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

**802.11b**

### Middle Channel (Open) 9kHz~150kHz



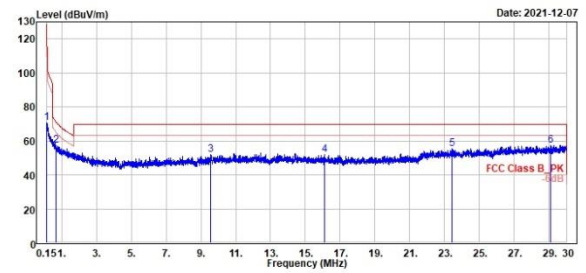
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|   | Freq | Level  | Read  | Limit | Over   | APos   | TPos | Remark | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|--------|-----------|------|
|   | MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg    |           |      |
| 1 | 0.01 | 81.27  | 3.82  | 77.45 | 128.17 | -46.90 | 100  | 294 QP | Open      |      |
| 2 | 0.03 | 72.30  | 3.47  | 68.83 | 118.11 | -45.81 | 100  | 220 QP | Open      |      |
| 3 | 0.05 | 64.38  | 0.83  | 63.55 | 113.23 | -48.85 | 100  | 84 QP  | Open      |      |
| 4 | 0.08 | 59.62  | -0.20 | 59.82 | 109.47 | -49.85 | 100  | 145 QP | Open      |      |
| 5 | 0.11 | 58.02  | 0.99  | 57.03 | 107.14 | -49.12 | 100  | 45 QP  | Open      |      |
| 6 | 0.14 | 55.37  | 0.01  | 55.36 | 104.41 | -49.04 | 100  | 118 QP | Open      |      |



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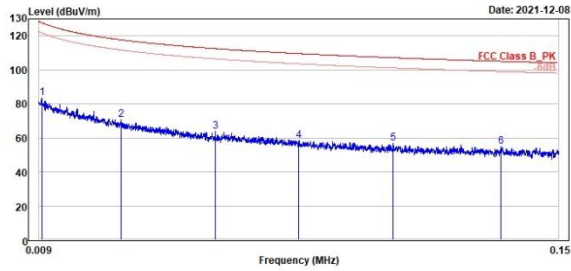
|   | Freq  | Level  | Read  | Limit | Over   | APos   | TPos | Remark | Pol/Phase | Note |
|---|-------|--------|-------|-------|--------|--------|------|--------|-----------|------|
|   | MHz   | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg    |           |      |
| 1 | 0.15  | 70.55  | 15.44 | 55.11 | 104.00 | -33.53 | 100  | 36 QP  | Open      |      |
| 2 | 0.67  | 57.48  | 13.80 | 43.68 | 71.09  | -13.61 | 100  | 280 QP | Open      |      |
| 3 | 9.58  | 51.67  | 13.64 | 38.03 | 69.50  | -17.83 | 100  | 205 QP | Open      |      |
| 4 | 16.12 | 51.88  | 14.15 | 37.73 | 69.50  | -17.62 | 100  | 287 QP | Open      |      |
| 5 | 23.44 | 55.51  | 16.45 | 39.06 | 69.50  | -13.99 | 100  | 194 QP | Open      |      |
| 6 | 29.08 | 57.41  | 15.71 | 41.70 | 69.50  | -12.09 | 100  | 257 QP | Open      |      |

**802.11b**

**Middle Channel (Close) 9kHz~150kHz**



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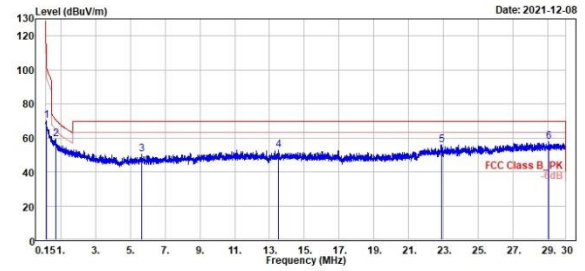


|   | Freq | Level  | Read  | Limit | Over   | APos   | TPos | Remark | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|--------|-----------|------|
|   | MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg    |           |      |
| 1 | 0.01 | 83.56  | 6.65  | 76.91 | 127.72 | -44.16 | 100  | 168 QP | Close     |      |
| 2 | 0.03 | 70.73  | 2.29  | 68.44 | 117.69 | -46.96 | 100  | 357 QP | Close     |      |
| 3 | 0.06 | 63.86  | 0.92  | 62.94 | 112.49 | -48.63 | 100  | 133 QP | Close     |      |
| 4 | 0.08 | 58.49  | -1.46 | 59.95 | 109.58 | -51.09 | 100  | 317 QP | Close     |      |
| 5 | 0.11 | 56.64  | -0.40 | 57.04 | 107.16 | -50.52 | 100  | 203 QP | Close     |      |
| 6 | 0.13 | 54.88  | -0.90 | 55.78 | 105.03 | -50.15 | 100  | 290 QP | Close     |      |

**Middle Channel (Close) 150kHz~30MHz**



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|   | Freq  | Level  | Read  | Limit | Over   | APos   | TPos | Remark | Pol/Phase | Note |
|---|-------|--------|-------|-------|--------|--------|------|--------|-----------|------|
|   | MHz   | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg    |           |      |
| 1 | 0.19  | 70.10  | 16.52 | 53.58 | 102.22 | -32.12 | 100  | 18 QP  | Close     |      |
| 2 | 0.74  | 59.40  | 16.26 | 43.14 | 70.24  | -10.84 | 100  | 347 QP | Close     |      |
| 3 | 5.65  | 50.54  | 13.96 | 36.58 | 69.50  | -18.96 | 100  | 64 QP  | Close     |      |
| 4 | 13.51 | 52.73  | 14.80 | 37.93 | 69.50  | -16.77 | 100  | 1 QP   | Close     |      |
| 5 | 22.86 | 55.89  | 17.10 | 38.79 | 69.50  | -13.61 | 100  | 321 QP | Close     |      |
| 6 | 29.04 | 58.04  | 16.36 | 41.68 | 69.50  | -11.46 | 100  | 98 QP  | Close     |      |

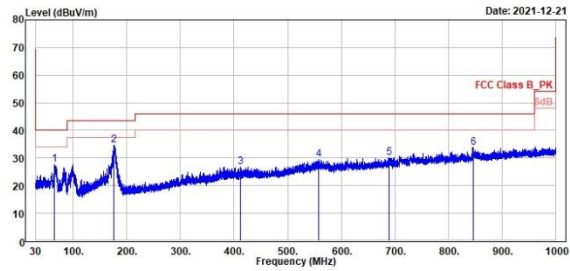
## Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

**802.11b**

### Middle Channel (Horizontal)



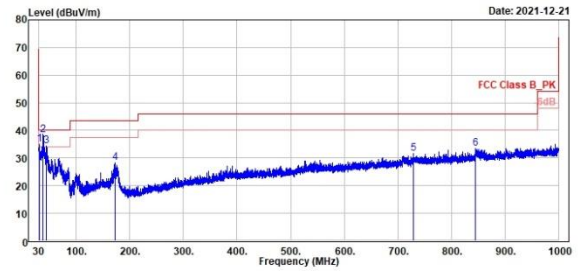
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|   | Freq   | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|---|--------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|   | MHz    | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1 | 65.11  | 27.57  | 37.22 | -9.65 | 40.00  | -12.43 | 300  | 127  | QP   | Horizontal |           |      |
| 2 | 175.99 | 34.79  | 42.76 | -7.97 | 43.50  | -8.71  | 200  | 120  | QP   | Horizontal |           |      |
| 3 | 411.70 | 26.83  | 31.07 | -4.24 | 46.00  | -19.17 | 200  | 360  | QP   | Horizontal |           |      |
| 4 | 557.20 | 29.56  | 31.67 | -2.11 | 46.00  | -16.44 | 300  | 27   | QP   | Horizontal |           |      |
| 5 | 689.02 | 30.10  | 29.89 | 0.21  | 46.00  | -15.90 | 100  | 341  | QP   | Horizontal |           |      |
| 6 | 845.87 | 33.90  | 31.35 | 2.55  | 46.00  | -12.10 | 400  | 15   | QP   | Horizontal |           |      |



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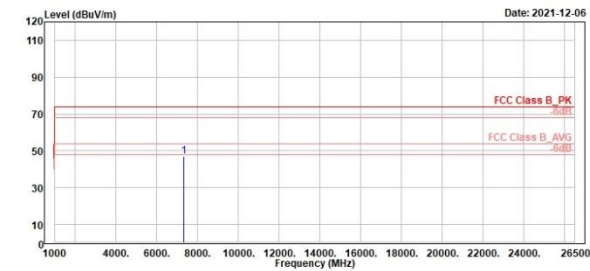
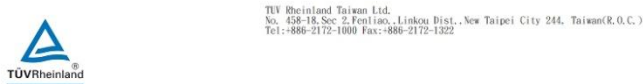
|   | Freq   | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|---|--------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|   | MHz    | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1 | 31.07  | 34.91  | 43.01 | -8.00 | 40.00  | -5.09  | 100  | 224  | QP   | Vertical |           |      |
| 2 | 38.05  | 30.36  | 46.58 | -8.22 | 40.00  | -1.64  | 100  | 360  | QP   | Vertical |           |      |
| 3 | 44.16  | 34.41  | 42.09 | -7.68 | 40.00  | -5.59  | 100  | 56   | QP   | Vertical |           |      |
| 4 | 171.91 | 28.20  | 35.77 | -7.57 | 43.50  | -15.30 | 100  | 1    | QP   | Vertical |           |      |
| 5 | 728.59 | 31.67  | 30.92 | 0.75  | 46.00  | -14.33 | 100  | 186  | QP   | Vertical |           |      |
| 6 | 844.90 | 33.59  | 31.04 | 2.55  | 46.00  | -12.41 | 200  | 50   | QP   | Vertical |           |      |

## Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

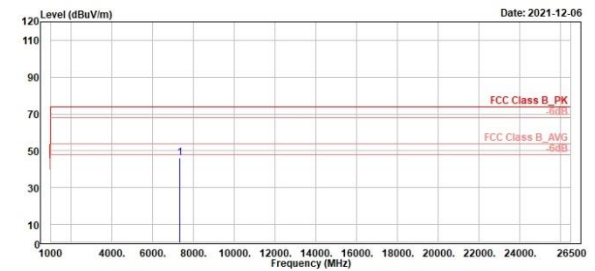
### 802.11b

#### Middle Channel (Horizontal)

#### Middle Channel (Vertical)



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 7311.00 | 47.20 | 54.45 | -7.25  | 74.00 | -26.80 | 100  | 46   | Peak   | Horizontal |      |



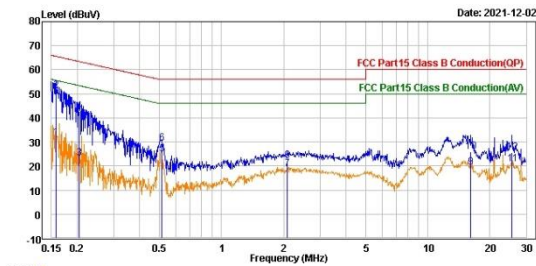
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 7311.00 | 46.02 | 53.27 | -7.25  | 74.00 | -27.98 | 400  | 29   | Peak   | Vertical  |      |

## Mains Conducted Emission, 150kHz ~ 30MHz

### Worst Band

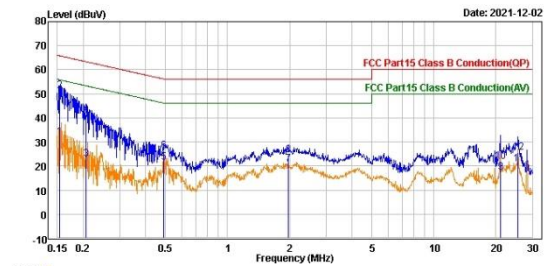
(Line)

(Neutral)



Trace: 1

|    | Freq  | Level | Read  | Limit | Over  |                |           |
|----|-------|-------|-------|-------|-------|----------------|-----------|
|    | MHz   | dBuV  | Level | Line  | Limit | Remark         | Pol/Phase |
| 1  | 0.16  | 31.89 | 22.28 | 9.61  | 55.59 | -23.70 Average | line1     |
| 2  | 0.16  | 51.22 | 41.61 | 9.61  | 65.59 | -14.37 QP      | line1     |
| 3  | 0.20  | 23.29 | 13.68 | 9.61  | 53.43 | -30.14 Average | line1     |
| 4  | 0.20  | 42.66 | 33.05 | 9.61  | 63.43 | -20.77 QP      | line1     |
| 5  | 0.51  | 24.74 | 15.12 | 9.62  | 46.00 | -21.26 Average | line1     |
| 6  | 0.51  | 29.41 | 19.79 | 9.62  | 56.00 | -26.59 QP      | line1     |
| 7  | 2.08  | 18.58 | 8.93  | 9.65  | 46.00 | -27.42 Average | line1     |
| 8  | 2.08  | 22.07 | 12.42 | 9.65  | 56.00 | -33.93 QP      | line1     |
| 9  | 16.09 | 19.38 | 9.65  | 9.73  | 50.00 | -30.62 Average | line1     |
| 10 | 16.09 | 26.00 | 16.27 | 9.73  | 60.00 | -34.00 QP      | line1     |
| 11 | 25.58 | 20.66 | 11.00 | 9.66  | 50.00 | -29.34 Average | line1     |
| 12 | 25.58 | 25.52 | 15.86 | 9.66  | 60.00 | -34.48 QP      | line1     |



Trace: 1

|    | Freq  | Level | Read  | Limit | Over  |                |           |
|----|-------|-------|-------|-------|-------|----------------|-----------|
|    | MHz   | dBuV  | Level | Line  | Limit | Remark         | Pol/Phase |
| 1  | 0.15  | 32.24 | 22.65 | 9.59  | 55.83 | -23.59 Average | neutral   |
| 2  | 0.15  | 51.25 | 41.66 | 9.59  | 65.83 | -14.58 QP      | neutral   |
| 3  | 0.21  | 22.93 | 13.34 | 9.59  | 53.35 | -30.42 Average | neutral   |
| 4  | 0.21  | 41.25 | 31.66 | 9.59  | 63.35 | -22.10 QP      | neutral   |
| 5  | 0.49  | 21.38 | 11.78 | 9.60  | 46.15 | -24.77 Average | neutral   |
| 6  | 0.49  | 26.31 | 16.71 | 9.60  | 56.15 | -29.84 QP      | neutral   |
| 7  | 1.96  | 20.93 | 11.30 | 9.63  | 46.00 | -25.07 Average | neutral   |
| 8  | 1.96  | 24.49 | 14.86 | 9.63  | 56.00 | -31.51 QP      | neutral   |
| 9  | 20.95 | 17.24 | 7.44  | 9.80  | 50.00 | -32.76 Average | neutral   |
| 10 | 20.95 | 21.83 | 12.03 | 9.80  | 60.00 | -38.17 QP      | neutral   |
| 11 | 25.58 | 20.74 | 10.92 | 9.82  | 50.00 | -29.26 Average | neutral   |
| 12 | 25.58 | 25.70 | 15.88 | 9.82  | 60.00 | -34.30 QP      | neutral   |