

# Appendix B: Test Results of Radiated Emissions & Mains Conducted Emission Test

## Band Edges, 2.31GHz ~ 2.9GHz

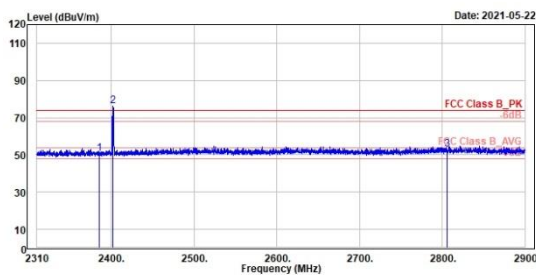
### GFSK

#### Low Channel (Horizontal) Peak

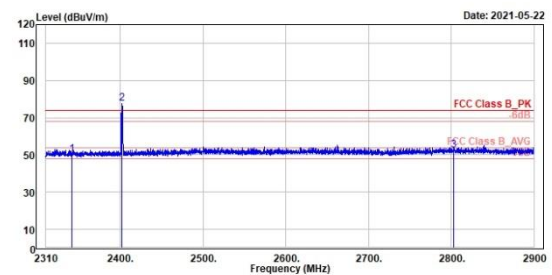
#### Low Channel (Vertical) Peak



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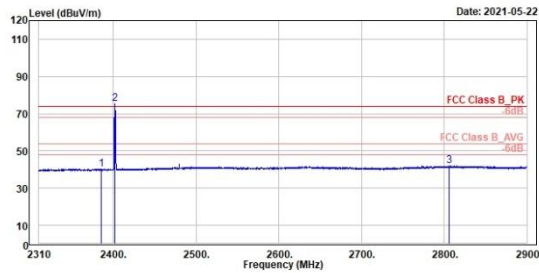


**GFSK**

**Low Channel (Horizontal) Average**



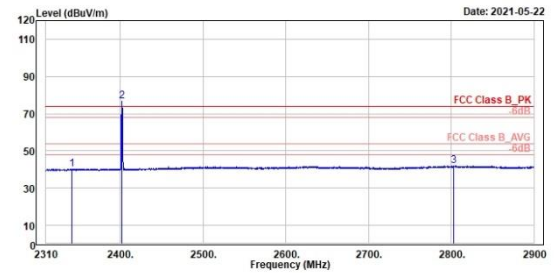
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |            |      |
| 1    | 2385.86 | 40.25 | 2.95  | 37.30  | 54.00 | -13.75 | 392  | 176  | Average | Horizontal |      |
| 2 *  | 2402.00 | 75.38 | 36.06 | 37.32  | 54.00 | 21.38  | 392  | 176  | Average | Horizontal |      |
| 3    | 2805.89 | 41.86 | 3.68  | 38.18  | 54.00 | -12.14 | 392  | 176  | Average | Horizontal |      |



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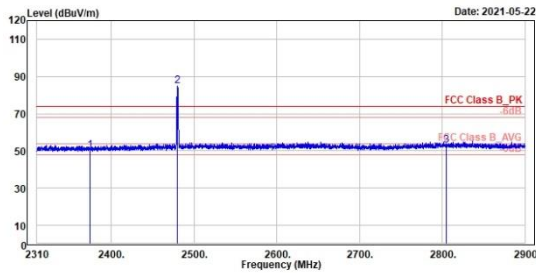
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |           |      |
| 1    | 2341.69 | 40.35 | 3.15  | 37.20  | 54.00 | -13.65 | 128  | 121  | Average | Vertical  |      |
| 2 *  | 2402.00 | 76.68 | 39.56 | 37.32  | 54.00 | 22.68  | 128  | 121  | Average | Vertical  |      |
| 3    | 2803.06 | 42.07 | 3.89  | 38.18  | 54.00 | -11.93 | 128  | 121  | Average | Vertical  |      |

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**High Channel (Horizontal) Peak**



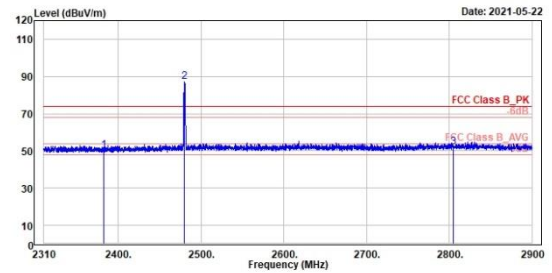
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 2374.43 | 50.32 | 13.04 | 37.28  | 74.00 | -23.68 | 332  | 172  | Peak   | Horizontal |      |
| 2 *  | 2480.00 | 84.76 | 47.07 | 37.69  | 74.00 | 10.76  | 332  | 172  | Peak   | Horizontal |      |
| 3    | 2805.06 | 52.77 | 14.59 | 38.18  | 74.00 | -21.23 | 332  | 172  | Peak   | Horizontal |      |



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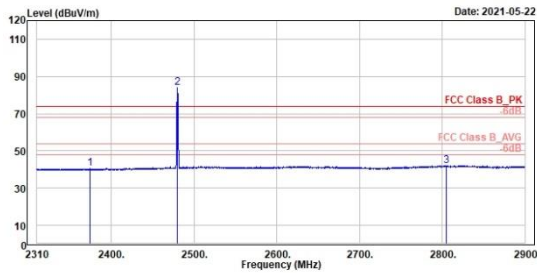
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 2382.32 | 50.22 | 12.93 | 37.29  | 74.00 | -23.78 | 100  | 119  | Peak   | Vertical  |      |
| 2 *  | 2480.00 | 87.22 | 49.53 | 37.69  | 74.00 | 13.22  | 100  | 119  | Peak   | Vertical  |      |
| 3    | 2805.18 | 51.97 | 13.79 | 38.18  | 74.00 | -22.03 | 100  | 119  | Peak   | Vertical  |      |

**GFSK**

**High Channel (Horizontal) Average**



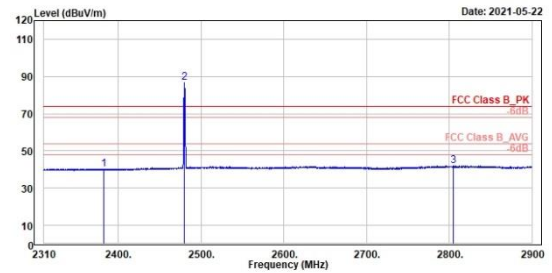
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |            |      |
| 1    | 2374.43 | 40.44 | 3.16  | 37.28  | 54.00 | -13.56 | 332  | 172  | Average | Horizontal |      |
| 2 *  | 2480.00 | 84.17 | 46.48 | 37.69  | 54.00 | 30.17  | 332  | 172  | Average | Horizontal |      |
| 3    | 2805.06 | 42.05 | 3.87  | 38.18  | 54.00 | -11.95 | 332  | 172  | Average | Horizontal |      |

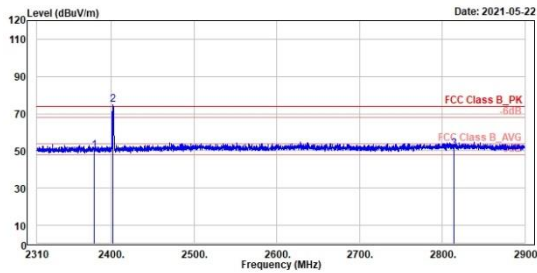


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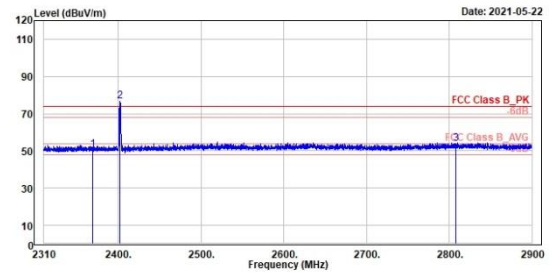


| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |           |      |
| 1    | 2382.32 | 40.36 | 3.07  | 37.29  | 54.00 | -13.64 | 100  | 119  | Average | Vertical  |      |
| 2 *  | 2480.00 | 86.68 | 48.99 | 37.69  | 54.00 | 32.68  | 100  | 119  | Average | Vertical  |      |
| 3    | 2805.18 | 42.07 | 3.89  | 38.18  | 54.00 | -11.93 | 100  | 119  | Average | Vertical  |      |

**8DPSK**
**Low Channel (Horizontal) Peak**

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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   | 2379.02 | 50.36  | 13.07 | 37.29 | 74.00  | -23.64 |      | 389  | 176  | Peak   | Horizontal |      |
| 2 * | 2402.00 | 74.94  | 37.62 | 37.32 | 74.00  | 0.94   |      | 389  | 176  | Peak   | Horizontal |      |
| 3   | 2814.37 | 51.07  | 12.88 | 38.19 | 74.00  | -22.93 |      | 389  | 176  | Peak   | Horizontal |      |


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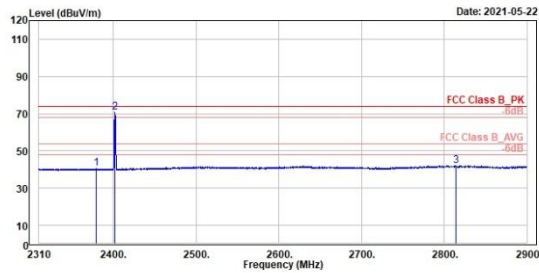
|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|--------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     |      | cm   | deg  |        |           |      |
| 1   | 2368.54 | 50.59  | 13.31 | 37.28 | 74.00  | -23.41 |      | 223  | 281  | Peak   | Vertical  |      |
| 2 * | 2402.00 | 76.75  | 39.43 | 37.32 | 74.00  | 2.75   |      | 223  | 281  | Peak   | Vertical  |      |
| 3   | 2807.89 | 53.91  | 15.72 | 38.19 | 74.00  | -20.09 |      | 223  | 281  | Peak   | Vertical  |      |

**8DPSK**

**Low Channel (Horizontal) Average**



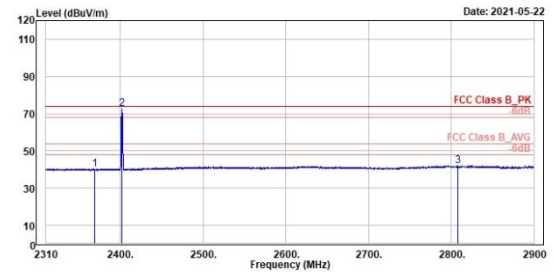
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**Low Channel (Vertical) Average**



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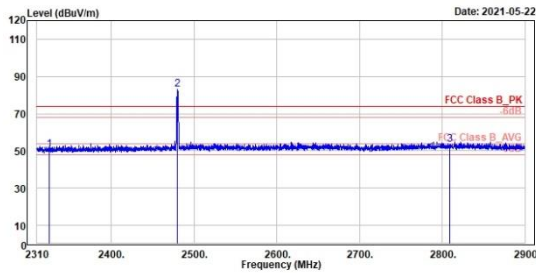


**8DPSK**

**High Channel (Horizontal) Peak**



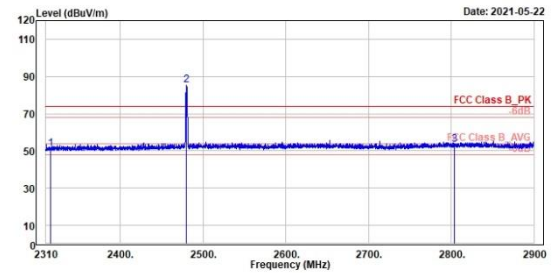
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 2324.72 | 50.42 | 13.34 | 37.08  | 74.00 | -23.58 | 332  | 172  | Peak   | Horizontal |      |
| 2 *  | 2488.00 | 83.12 | 45.43 | 37.69  | 74.00 | 9.12   | 332  | 172  | Peak   | Horizontal |      |
| 3    | 2808.95 | 53.42 | 15.23 | 38.19  | 74.00 | -20.58 | 332  | 172  | Peak   | Horizontal |      |



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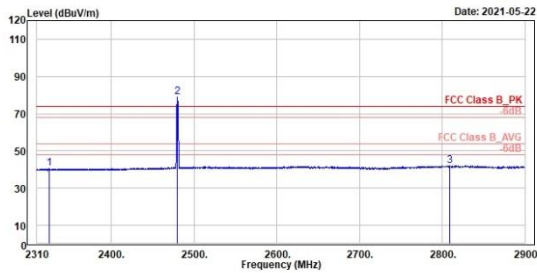
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 2315.54 | 51.18 | 14.17 | 37.01  | 74.00 | -22.82 | 100  | 117  | Peak   | Vertical  |      |
| 2 *  | 2488.00 | 85.39 | 47.70 | 37.69  | 74.00 | 11.39  | 100  | 117  | Peak   | Vertical  |      |
| 3    | 2803.65 | 53.28 | 15.10 | 38.18  | 74.00 | -20.72 | 100  | 117  | Peak   | Vertical  |      |

**8DPSK**

**High Channel (Horizontal) Average**



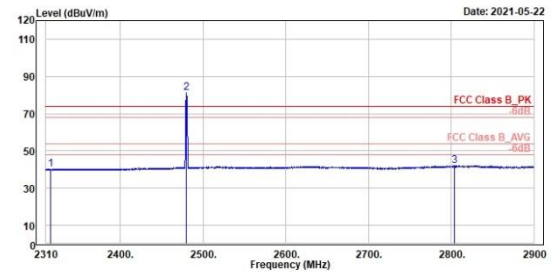
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |            |      |
| 1    | 2324.72 | 40.40 | 3.32  | 37.08  | 54.00 | -13.60 | 332  | 172  | Average | Horizontal |      |
| 2 *  | 2488.00 | 78.72 | 41.03 | 37.69  | 54.00 | 24.72  | 332  | 172  | Average | Horizontal |      |
| 3    | 2808.95 | 42.11 | 3.92  | 38.19  | 54.00 | -11.89 | 332  | 172  | Average | 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    | 2315.54 | 40.36 | 3.35  | 37.01  | 54.00 | -13.64 | 100  | 117  | Average | Vertical  |      |
| 2 *  | 2488.00 | 81.02 | 43.33 | 37.69  | 54.00 | 27.02  | 100  | 117  | Average | Vertical  |      |
| 3    | 2803.65 | 42.05 | 3.87  | 38.18  | 54.00 | -11.95 | 100  | 117  | Average | Vertical  |      |

## Band Edges

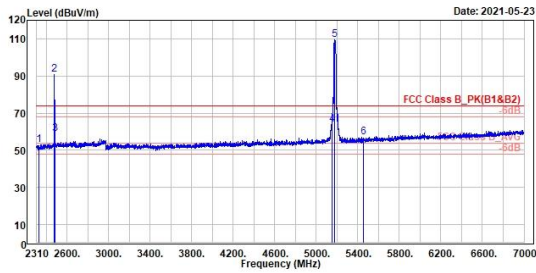
### Co-location

#### BT + WLAN 5GHz

##### 2480MHz + 5180MHz (Horizontal) Peak



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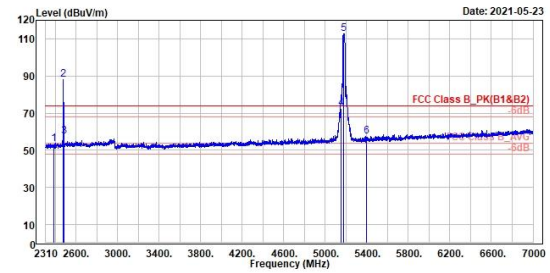


|     | Freq    | Level  | Read  | Limit | Over   | APos   | TPos | Remark   | Pol/Phase  | Note |
|-----|---------|--------|-------|-------|--------|--------|------|----------|------------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg      |            |      |
| 1   | 2334.39 | 53.02  | 15.87 | 37.15 | 74.00  | -20.98 | 184  | 136 Peak | Horizontal |      |
| 2 * | 2480.00 | 90.61  | 52.92 | 37.69 | 74.00  | 16.61  | 184  | 136 Peak | Horizontal |      |
| 3   | 2483.50 | 58.75  | 21.04 | 37.71 | 74.00  | -15.25 | 184  | 136 Peak | Horizontal |      |
| 4   | 5150.00 | 63.98  | 21.61 | 42.37 | 74.00  | -10.02 | 260  | 167 Peak | Horizontal |      |
| 5 * | 5180.00 | 109.34 | 66.88 | 42.46 | 74.00  | 35.34  | 260  | 167 Peak | Horizontal |      |
| 6   | 5452.30 | 56.84  | 13.82 | 43.02 | 74.00  | -17.16 | 260  | 167 Peak | Horizontal |      |

##### 2480MHz + 5180MHz (Vertical) Peak



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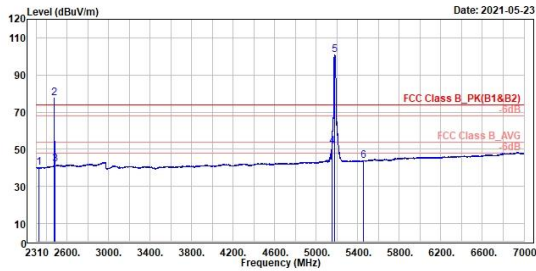
|     | Freq    | Level  | Read  | Limit | Over   | APos   | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg      |           |      |
| 1   | 2305.00 | 53.30  | 16.00 | 37.30 | 74.00  | -20.70 | 155  | 69 Peak  | Vertical  |      |
| 2 * | 2480.00 | 87.94  | 50.25 | 37.69 | 74.00  | 13.94  | 155  | 69 Peak  | Vertical  |      |
| 3   | 2483.50 | 57.64  | 19.93 | 37.71 | 74.00  | -16.36 | 155  | 69 Peak  | Vertical  |      |
| 4   | 5150.00 | 72.52  | 30.15 | 42.37 | 74.00  | -1.48  | 100  | 184 Peak | Vertical  |      |
| 5 * | 5180.00 | 112.88 | 70.42 | 42.46 | 74.00  | 38.88  | 100  | 184 Peak | Vertical  |      |
| 6   | 5399.77 | 57.34  | 14.57 | 42.77 | 74.00  | -16.66 | 100  | 184 Peak | Vertical  |      |

**BT + WLAN 5GHz**

**2480MHz + 5180MHz (Horizontal) Average**



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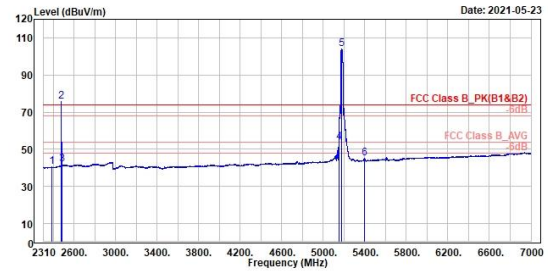


|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |         |            |           |      |
| 1   | 2334.39 | 40.35  | 3.20  | 37.15 | 54.00  | -13.65 | 184  | 136  | Average | Horizontal |           |      |
| 2 * | 2480.00 | 77.37  | 39.68 | 37.69 | 54.00  | 23.37  | 184  | 136  | Average | Horizontal |           |      |
| 3   | 2483.50 | 42.00  | 4.29  | 37.71 | 54.00  | -12.00 | 184  | 136  | Average | Horizontal |           |      |
| 4 ! | 5150.00 | 51.60  | 9.23  | 42.37 | 54.00  | -2.40  | 260  | 167  | Average | Horizontal |           |      |
| 5 * | 5180.00 | 100.67 | 58.21 | 42.46 | 54.00  | 46.67  | 260  | 167  | Average | Horizontal |           |      |
| 6   | 5452.30 | 43.78  | 0.76  | 43.02 | 54.00  | -10.22 | 260  | 167  | Average | Horizontal |           |      |

**2480MHz + 5180MHz (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     | cm   | deg  |         |          |           |      |
| 1   | 2385.98 | 40.45  | 3.15  | 37.30 | 54.00  | -13.55 | 155  | 69   | Average | Vertical |           |      |
| 2 * | 2480.00 | 75.71  | 38.02 | 37.69 | 54.00  | 21.71  | 155  | 69   | Average | Vertical |           |      |
| 3   | 2483.50 | 42.11  | 4.40  | 37.71 | 54.00  | -11.89 | 155  | 69   | Average | Vertical |           |      |
| 4 ! | 5150.00 | 53.62  | 11.25 | 42.37 | 54.00  | -0.38  | 100  | 184  | Average | Vertical |           |      |
| 5 * | 5180.00 | 103.88 | 61.42 | 42.46 | 54.00  | 49.88  | 100  | 184  | Average | Vertical |           |      |
| 6   | 5399.77 | 45.08  | 2.31  | 42.77 | 54.00  | -8.92  | 100  | 184  | Average | Vertical |           |      |

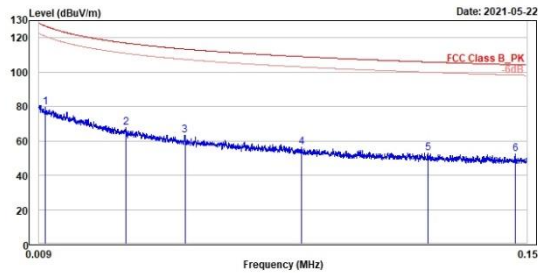
## Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

### GFSK

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



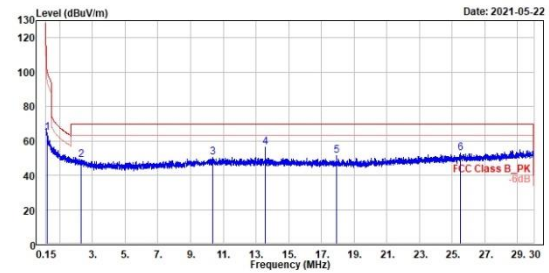
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| Freq | Level  | Read  | Level | Factor | Limit  | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|--------|-------|-------|--------|--------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm     | deg  |      |        |           |      |
| 1    | 0.01   | 79.52 | 3.13  | 76.39  | 126.91 | -47.39 | 100  | 147  | QP     | Open      |      |
| 2    | 0.03   | 67.94 | 0.24  | 67.70  | 116.93 | -48.99 | 100  | 210  | QP     | Open      |      |
| 3    | 0.05   | 63.37 | -0.28 | 63.65  | 113.41 | -50.04 | 100  | 242  | QP     | Open      |      |
| 4    | 0.08   | 56.25 | -2.96 | 59.21  | 109.02 | -52.77 | 100  | 24   | QP     | Open      |      |
| 5    | 0.12   | 52.95 | -3.35 | 56.30  | 105.91 | -52.96 | 100  | 7    | QP     | Open      |      |
| 6    | 0.15   | 52.31 | -2.90 | 55.21  | 104.27 | -51.96 | 100  | 147  | QP     | Open      |      |



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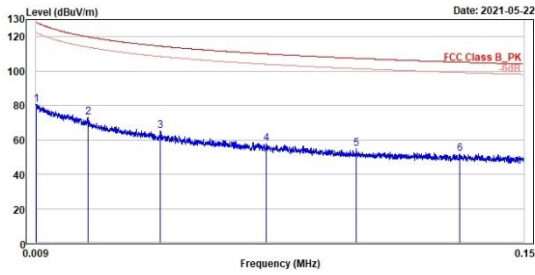
| Freq | Level  | Read  | Level | Factor | Limit  | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|--------|-------|-------|--------|--------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm     | deg  |      |        |           |      |
| 1    | 0.22   | 64.81 | 12.95 | 51.86  | 100.57 | -35.76 | 100  | 0    | QP     | Open      |      |
| 2    | 2.30   | 48.98 | 10.60 | 38.38  | 69.50  | -20.52 | 100  | 227  | QP     | Open      |      |
| 3    | 10.35  | 50.21 | 11.94 | 38.27  | 69.50  | -19.29 | 100  | 154  | QP     | Open      |      |
| 4    | 13.56  | 56.49 | 18.43 | 38.06  | 69.50  | -13.01 | 100  | 322  | QP     | Open      |      |
| 5    | 17.93  | 51.47 | 13.72 | 37.75  | 69.50  | -18.03 | 100  | 186  | QP     | Open      |      |
| 6    | 25.50  | 52.81 | 12.60 | 40.21  | 69.50  | -16.69 | 100  | 144  | QP     | Open      |      |

**GFSK**

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



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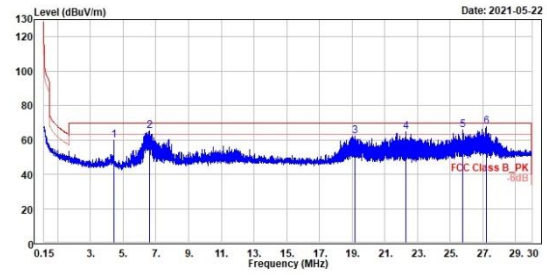


|   | Freq | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|------|------|--------|-----------|------|
|   | MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |        |           |      |
| 1 | 0.01 | 80.80  | 3.24  | 77.56 | 126.29 | -47.49 | 100  | 313  | QP   | Close  |           |      |
| 2 | 0.02 | 72.98  | 1.90  | 71.08 | 119.96 | -46.98 | 100  | 336  | QP   | Close  |           |      |
| 3 | 0.05 | 65.00  | -0.03 | 65.03 | 114.52 | -49.52 | 100  | 291  | QP   | Close  |           |      |
| 4 | 0.08 | 57.88  | -2.55 | 60.43 | 110.03 | -52.15 | 100  | 291  | QP   | Close  |           |      |
| 5 | 0.10 | 54.84  | -2.31 | 57.15 | 107.46 | -52.62 | 100  | 268  | QP   | Close  |           |      |
| 6 | 0.13 | 51.90  | -3.97 | 55.87 | 105.22 | -53.32 | 100  | 286  | QP   | Close  |           |      |

**High Channel(Close) 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    | cm   | deg  |      |        |           |      |
| 1 | 4.43  | 59.71  | 23.19 | 36.52 | 69.50  | -9.79 | 100  | 32   | QP   | Close  |           |      |
| 2 | 6.63  | 65.36  | 28.38 | 36.98 | 69.50  | -4.14 | 100  | 306  | QP   | Close  |           |      |
| 3 | 19.17 | 62.20  | 24.54 | 37.66 | 69.50  | -7.30 | 100  | 261  | QP   | Close  |           |      |
| 4 | 22.27 | 64.68  | 26.00 | 38.68 | 69.50  | -4.82 | 100  | 261  | QP   | Close  |           |      |
| 5 | 25.76 | 65.96  | 25.62 | 40.34 | 69.50  | -3.54 | 100  | 27   | QP   | Close  |           |      |
| 6 | 27.20 | 67.82  | 26.00 | 41.02 | 69.50  | -1.68 | 100  | 93   | QP   | Close  |           |      |

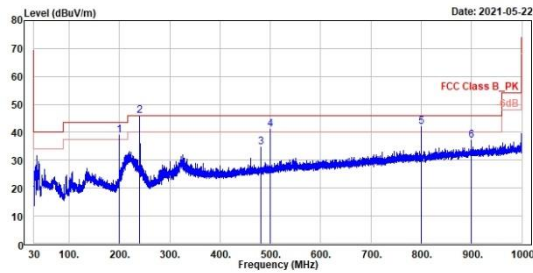
## Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

### GFSK

#### High Channel (Horizontal)



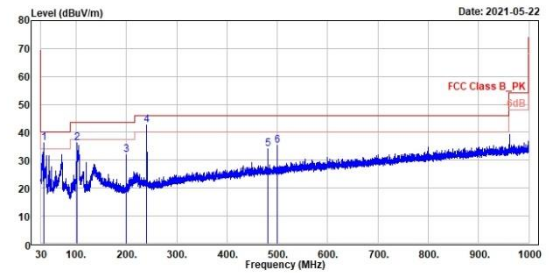
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| Freq | Level  | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|--------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 200.04 | 39.02 | 47.27 | -8.25  | 43.50 | -4.48  | 200  | 266  | QP     | Horizontal |      |
| 2    | 240.68 | 45.96 | 52.60 | -6.64  | 46.00 | -0.04  | 126  | 267  | QP     | Horizontal |      |
| 3    | 481.24 | 34.57 | 36.26 | -1.69  | 46.00 | -11.43 | 200  | 226  | QP     | Horizontal |      |
| 4    | 500.06 | 41.13 | 42.81 | -1.68  | 46.00 | -4.87  | 200  | 286  | QP     | Horizontal |      |
| 5    | 800.08 | 42.12 | 38.97 | 3.15   | 46.00 | -3.88  | 100  | 237  | QP     | Horizontal |      |
| 6    | 900.09 | 37.26 | 32.36 | 4.90   | 46.00 | -6.74  | 100  | 69   | QP     | Horizontal |      |



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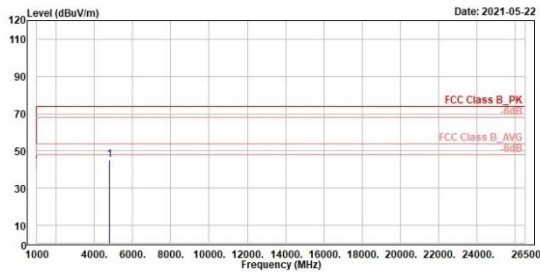


| Freq | Level  | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|--------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 35.43  | 36.11 | 43.10 | -6.99  | 40.00 | -3.89  | 100  | 360  | QP     | Vertical  |      |
| 2    | 101.68 | 36.08 | 46.82 | -10.74 | 43.50 | -7.42  | 100  | 131  | QP     | Vertical  |      |
| 3    | 200.04 | 31.93 | 40.18 | -8.25  | 43.50 | -11.57 | 200  | 163  | QP     | Vertical  |      |
| 4    | 240.68 | 42.61 | 49.25 | -6.64  | 46.00 | -3.39  | 100  | 295  | QP     | Vertical  |      |
| 5    | 481.24 | 33.93 | 35.62 | -1.69  | 46.00 | -12.07 | 200  | 115  | QP     | Vertical  |      |
| 6    | 500.06 | 35.32 | 37.00 | -1.68  | 46.00 | -10.68 | 200  | 193  | QP     | Vertical  |      |

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

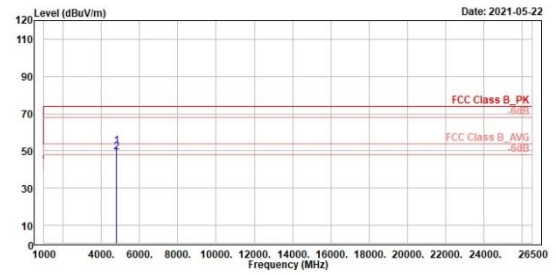
### GFSK

#### Low Channel (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    | 4884.00 | 45.18 | 54.59 | -9.41  | 74.00 | -28.82 | 300  |      | 1 Peak | Horizontal |      |

#### Low Channel (Vertical)



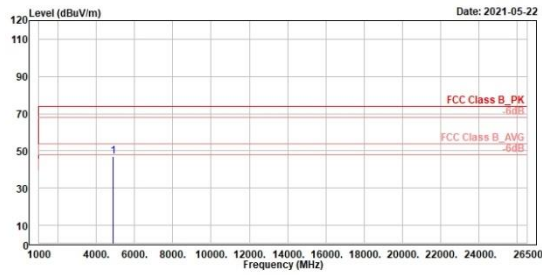
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |           |      |
| 1    | 4884.00 | 52.64 | 62.05 | -9.41  | 74.00 | -21.36 | 104  | 242  | Peak    | Vertical  |      |
| 2    | 4884.00 | 49.38 | 58.79 | -9.41  | 54.00 | -4.62  | 104  | 242  | Average | Vertical  |      |

**GFSK**

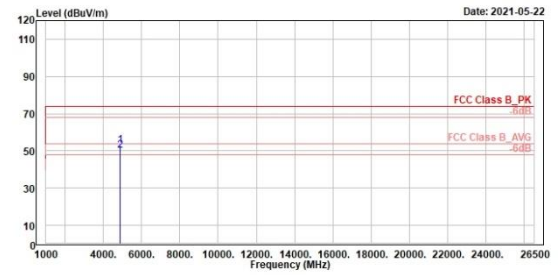
**Middle Channel (Horizontal)**



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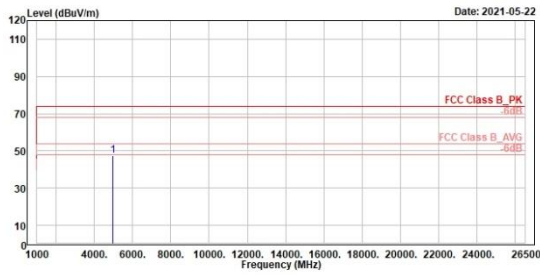


**GFSK**

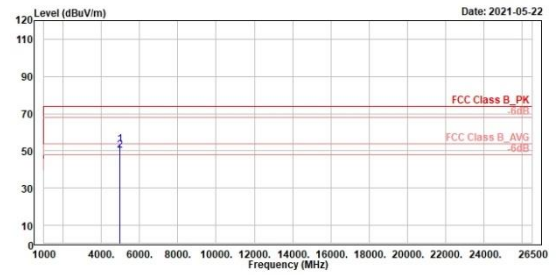
**High Channel (Horizontal)**



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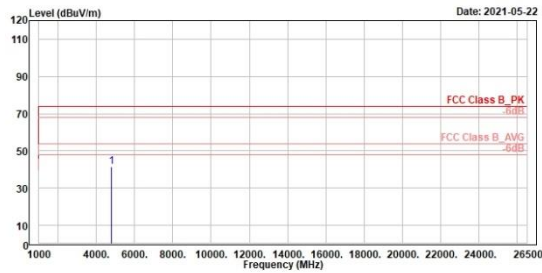


**8DPSK**

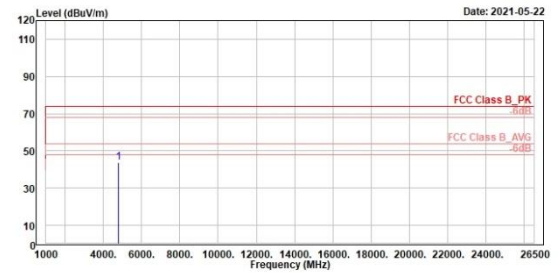
**Low Channel (Horizontal)**



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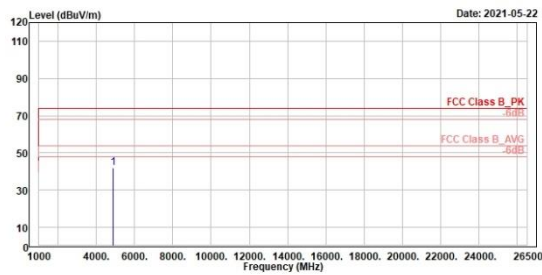


**8DPSK**

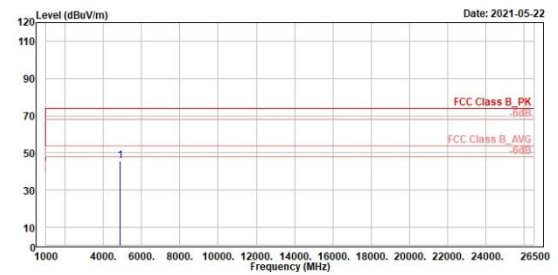
**Middle Channel (Horizontal)**



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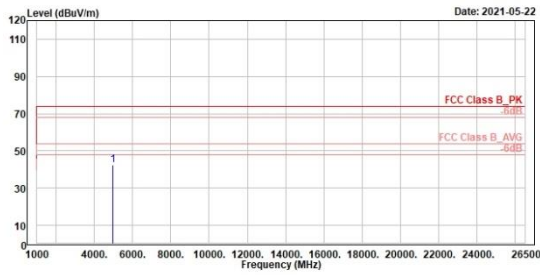


**8DPSK**

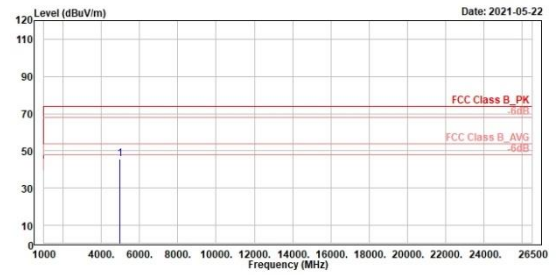
**High Channel (Horizontal)**



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**Spurious Emissions, Tx Mode, 1GHz ~ 40GHz**  
**Co-location**

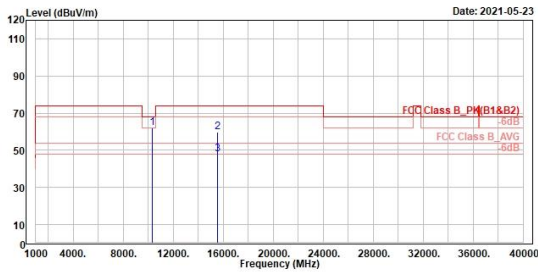
**BT + WLAN 5GHz**

**2480MHz + 5180MHz (Horizontal)**

**2480MHz + 5180MHz (Vertical)**



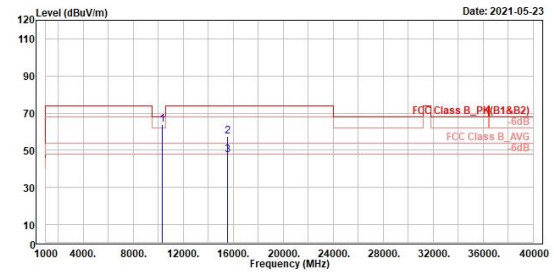
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|   | Freq     | Level  | Read  | Factor | Limit  | Over   | APos | TPos | Remark  | Pol/Phase  | Note |
|---|----------|--------|-------|--------|--------|--------|------|------|---------|------------|------|
|   | MHz      | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg  |         |            |      |
| 1 | 10360.00 | 62.13  | 64.76 | -2.63  | 68.20  | -6.07  | 100  | 299  | Peak    | Horizontal |      |
| 2 | 15540.00 | 59.75  | 54.47 | 5.28   | 74.00  | -14.25 | 100  | 295  | Peak    | Horizontal |      |
| 3 | 15540.00 | 47.85  | 42.57 | 5.28   | 54.00  | -6.15  | 100  | 295  | Average | 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 | 10360.00 | 63.88  | 66.51 | -2.63  | 68.20  | -4.32  | 114  | 360  | Peak    | Vertical  |      |
| 2 | 15540.00 | 57.59  | 52.22 | 5.28   | 74.00  | -16.50 | 100  | 296  | Peak    | Vertical  |      |
| 3 | 15540.00 | 47.44  | 42.16 | 5.28   | 54.00  | -6.56  | 100  | 296  | Average | Vertical  |      |

## Mains Conducted Emission, 150kHz ~ 30MHz

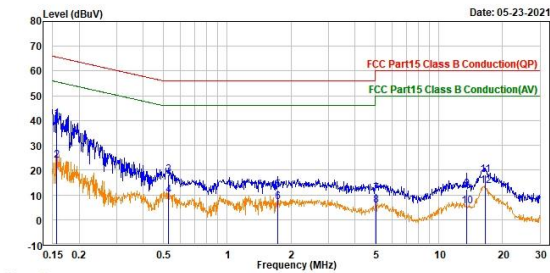
### Worst Band

#### (Line)

#### (Neutral)



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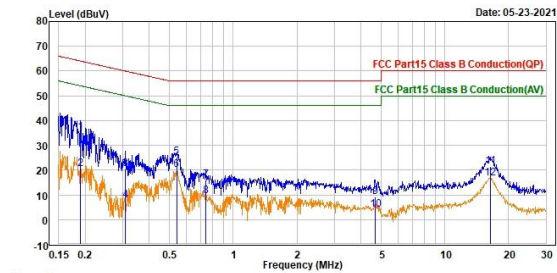


Trace: 1

|    | Freq   | Read Level | Factor | Level | Limit Line | Over Limit | Remark  | Pol/Phase | Note |
|----|--------|------------|--------|-------|------------|------------|---------|-----------|------|
|    | MHz    | dBuV       | dB     | dBuV  | dBuV       | dB         |         |           |      |
| 1  | 0.156  | 40.68      | 0.05   | 40.73 | 65.67      | -24.94     | QP      | line1     |      |
| 2  | 0.156  | 23.92      | 0.05   | 23.97 | 55.67      | -31.70     | Average | line1     |      |
| 3  | 0.527  | 17.83      | 0.06   | 17.89 | 56.00      | -38.11     | QP      | line1     |      |
| 4  | 0.527  | 9.82       | 0.06   | 9.88  | 46.00      | -36.12     | Average | line1     |      |
| 5  | 1.734  | 11.75      | 0.11   | 11.86 | 56.00      | -44.14     | QP      | line1     |      |
| 6  | 1.734  | 7.11       | 0.11   | 7.22  | 46.00      | -38.78     | Average | line1     |      |
| 7  | 5.037  | 10.49      | 0.19   | 10.68 | 60.00      | -49.32     | QP      | line1     |      |
| 8  | 5.037  | 5.40       | 0.19   | 5.59  | 50.00      | -44.41     | Average | line1     |      |
| 9  | 13.581 | 11.72      | 0.38   | 12.10 | 60.00      | -47.90     | QP      | line1     |      |
| 10 | 13.581 | 5.19       | 0.38   | 5.57  | 50.00      | -44.43     | Average | line1     |      |
| 11 | 16.495 | 17.53      | 0.43   | 17.96 | 60.00      | -42.04     | QP      | line1     |      |
| 12 | 16.495 | 13.27      | 0.43   | 13.70 | 50.00      | -36.30     | Average | line1     |      |



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Trace: 1

|    | Freq   | Read Level | Factor | Level | Limit Line | Over Limit | Remark  | Pol/Phase | Note |
|----|--------|------------|--------|-------|------------|------------|---------|-----------|------|
|    | MHz    | dBuV       | dB     | dBuV  | dBuV       | dB         |         |           |      |
| 1  | 0.191  | 35.23      | 0.05   | 35.28 | 64.01      | -28.73     | QP      | neutral   |      |
| 2  | 0.191  | 20.28      | 0.05   | 20.33 | 54.01      | -33.68     | Average | neutral   |      |
| 3  | 0.311  | 20.40      | 0.04   | 20.44 | 59.96      | -39.52     | QP      | neutral   |      |
| 4  | 0.311  | 7.77       | 0.04   | 7.81  | 49.96      | -42.15     | Average | neutral   |      |
| 5  | 0.540  | 25.05      | 0.06   | 25.11 | 56.00      | -30.89     | QP      | neutral   |      |
| 6  | 0.540  | 19.89      | 0.06   | 19.95 | 46.00      | -26.05     | Average | neutral   |      |
| 7  | 0.743  | 15.90      | 0.06   | 15.96 | 56.00      | -40.04     | QP      | neutral   |      |
| 8  | 0.743  | 9.57       | 0.06   | 9.63  | 46.00      | -36.37     | Average | neutral   |      |
| 9  | 4.698  | 9.12       | 0.17   | 9.29  | 56.00      | -46.71     | QP      | neutral   |      |
| 10 | 4.698  | 3.95       | 0.17   | 4.12  | 46.00      | -41.88     | Average | neutral   |      |
| 11 | 16.332 | 21.07      | 0.44   | 21.51 | 60.00      | -38.49     | QP      | neutral   |      |
| 12 | 16.332 | 16.14      | 0.44   | 16.58 | 50.00      | -33.42     | Average | neutral   |      |