

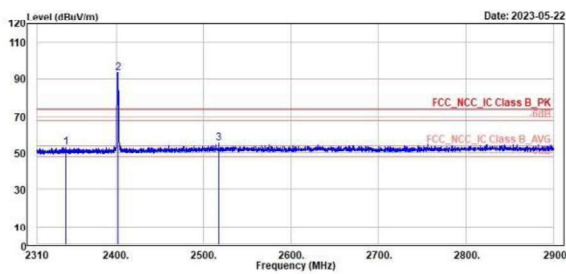
# Appendix D: Test Results of Radiated Spurious Emissions & Mains Conducted Emission Test\_ANT & Nordic Original Band Edges, 2.31GHz ~ 2.9GHz

## ANT

### Low Channel (Horizontal) Peak



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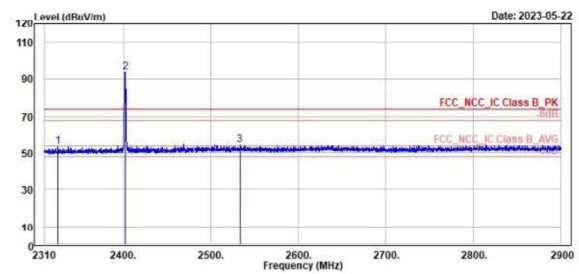


| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1    | 2342.45 | 53.10  | 15.76 | 37.34 | 74.00  | -20.90 | 158  | 213  | Peak | Horizontal |           |      |
| 2 *  | 2402.00 | 93.31  | 55.68 | 37.63 | 74.00  | 19.31  | 158  | 213  | Peak | Horizontal |           |      |
| 3    | 2517.09 | 55.09  | 17.22 | 37.87 | 74.00  | -18.91 | 158  | 213  | Peak | Horizontal |           |      |

### Low Channel (Vertical) Peak



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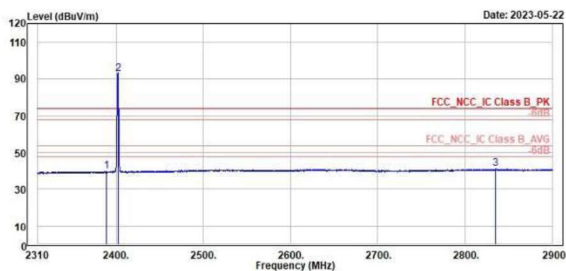
| Peak | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|      | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1    | 2325.34 | 53.30  | 16.01 | 37.29 | 74.00  | -20.70 | 106  | 230  | Peak | Vertical |           |      |
| 2 *  | 2402.00 | 94.17  | 56.54 | 37.63 | 74.00  | 20.17  | 106  | 230  | Peak | Vertical |           |      |
| 3    | 2533.14 | 54.33  | 16.44 | 37.89 | 74.00  | -19.67 | 106  | 230  | Peak | Vertical |           |      |

**ANT**

**Low Channel (Horizontal) Average**



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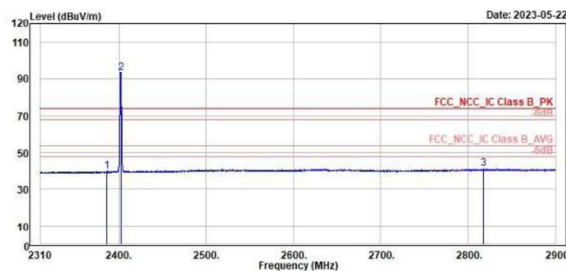


|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     |      | cm   | deg     |            |           |      |
| 1   | 2388.82 | 39.96  | 2.38  | 37.58 | 54.00  | -14.04 | 158  | 213  | Average | Horizontal |           |      |
| 2 * | 2402.00 | 92.89  | 55.26 | 37.63 | 54.00  | 38.89  | 158  | 213  | Average | Horizontal |           |      |
| 3   | 2834.75 | 41.36  | 3.18  | 38.18 | 54.00  | -12.64 | 158  | 213  | Average | Horizontal |           |      |

**Low Channel (Vertical) Average**



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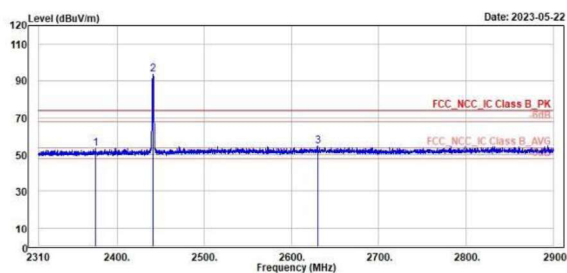
|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     |      | cm   | deg     |          |           |      |
| 1   | 2385.76 | 40.17  | 2.61  | 37.56 | 54.00  | -13.83 | 106  | 230  | Average | Vertical |           |      |
| 2 * | 2402.00 | 93.73  | 56.10 | 37.63 | 54.00  | 39.73  | 106  | 230  | Average | Vertical |           |      |
| 3   | 2817.52 | 41.40  | 3.22  | 38.18 | 54.00  | -12.60 | 106  | 230  | Average | Vertical |           |      |

ANT

Middle Channel (Horizontal) Peak



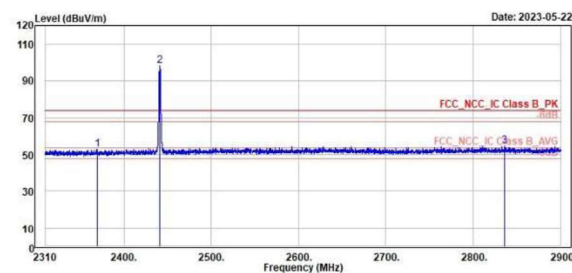
TÜV Rheinland Taiwan Ltd.  
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Middle Channel (Vertical) Peak



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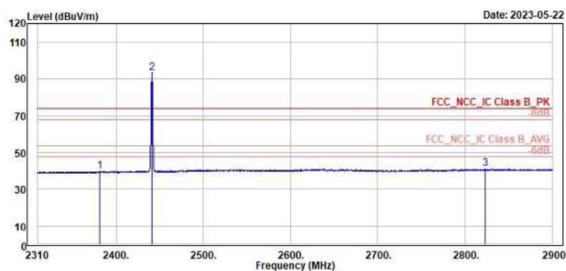


**ANT**

**Middle Channel (Horizontal) Average**



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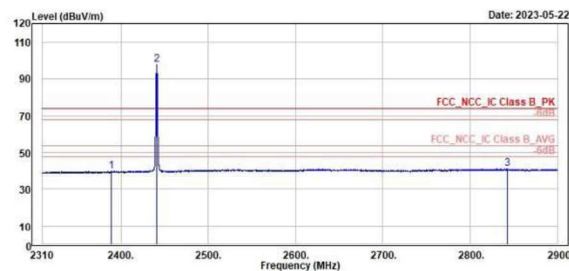


| Freq | Level   | Read  | Level | Factor | Limit | Over   | Limit | APos | TPos    | Remark     | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|-------|------|---------|------------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg   |      |         |            |           |      |
| 1    | 2381.39 | 49.15 | 2.61  | 37.54  | 54.00 | -13.85 | 386   | 182  | Average | Horizontal |           |      |
| 2 *  | 2441.00 | 95.49 | 55.81 | 37.68  | 54.00 | 39.49  | 386   | 182  | Average | Horizontal |           |      |
| 3    | 2822.95 | 41.49 | 3.31  | 38.18  | 54.00 | -12.51 | 386   | 182  | Average | Horizontal |           |      |

**Middle Channel (Vertical) Average**



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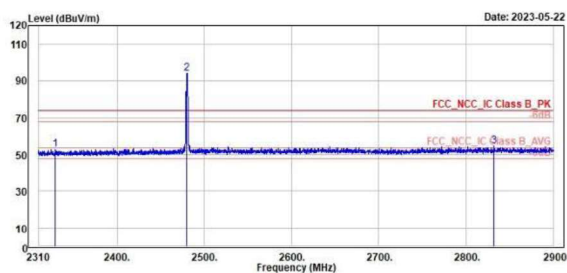
| Freq | Level   | Read  | Level | Factor | Limit | Over   | Limit | APos | TPos    | Remark   | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|-------|------|---------|----------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg   |      |         |          |           |      |
| 1    | 2389.18 | 49.02 | 2.44  | 37.58  | 54.00 | -13.98 | 320   | 196  | Average | Vertical |           |      |
| 2 *  | 2441.00 | 98.05 | 68.37 | 37.68  | 54.00 | 44.05  | 320   | 196  | Average | Vertical |           |      |
| 3    | 2841.94 | 41.46 | 3.29  | 38.17  | 54.00 | -12.54 | 320   | 196  | Average | Vertical |           |      |

ANT

High Channel (Horizontal) Peak



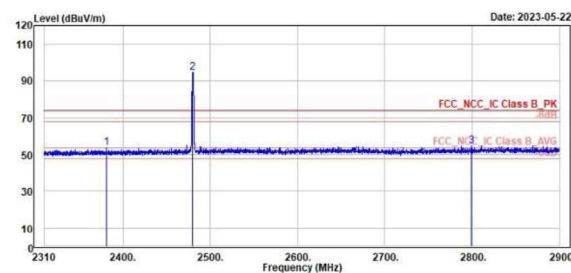
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 2328.88 | 53.88 | 15.77 | 37.31  | 74.00 | -20.92 | 296  | 179  | Peak   | Horizontal |      |
| 2 *  | 2480.00 | 94.29 | 56.58 | 37.79  | 74.00 | 20.29  | 296  | 179  | Peak   | Horizontal |      |
| 3    | 2831.91 | 54.65 | 16.47 | 38.18  | 74.00 | -19.35 | 296  | 179  | Peak   | Horizontal |      |



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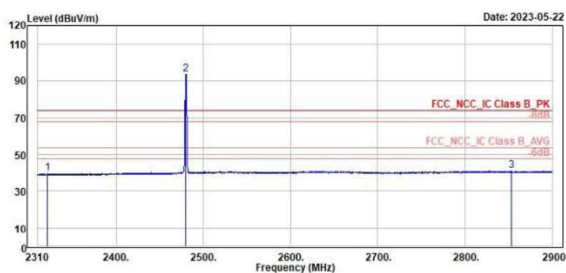
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 2381.27 | 53.68 | 16.14 | 37.54  | 74.00 | -20.32 | 100  | 230  | Peak   | Vertical  |      |
| 2 *  | 2480.00 | 94.87 | 57.08 | 37.79  | 74.00 | 20.87  | 100  | 230  | Peak   | Vertical  |      |
| 3    | 2799.11 | 54.74 | 16.54 | 38.20  | 74.00 | -19.26 | 100  | 230  | Peak   | Vertical  |      |

**ANT**

**High Channel (Horizontal) Average**



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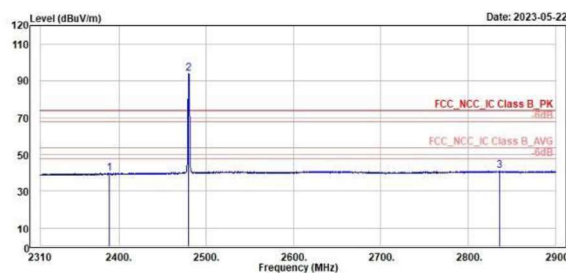


|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |         |            |           |      |
| 1   | 2321.56 | 39.97  | 2.69  | 37.28 | 54.00  | -14.03 | 296  | 179  | Average | Horizontal |           |      |
| 2 * | 2480.00 | 99.80  | 56.01 | 37.79 | 54.00  | 39.80  | 296  | 179  | Average | Horizontal |           |      |
| 3   | 2853.15 | 41.33  | 3.15  | 38.18 | 54.00  | -12.67 | 296  | 179  | Average | Horizontal |           |      |

**High Channel (Vertical) Average**



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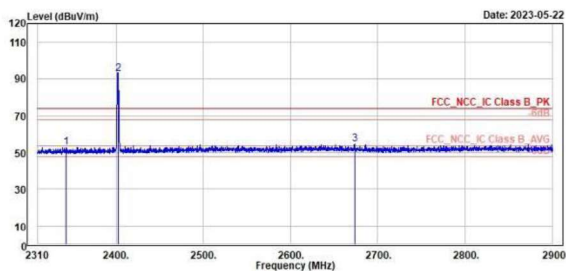
|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |         |          |           |      |
| 1   | 2389.06 | 40.16  | 2.58  | 37.58 | 54.00  | -13.84 | 100  | 230  | Average | Vertical |           |      |
| 2 * | 2480.00 | 94.41  | 56.02 | 37.79 | 54.00  | 40.41  | 100  | 230  | Average | Vertical |           |      |
| 3   | 2835.34 | 41.32  | 3.14  | 38.18 | 54.00  | -12.68 | 100  | 230  | Average | Vertical |           |      |

**Nordic Original**

**Low Channel (Horizontal) Peak**



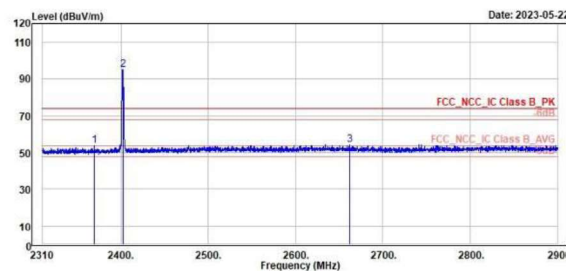
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| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos     | Remark     | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|----------|------------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg      |            |           |      |
| 1    | 2342.45 | 53.14 | 15.88 | 37.34  | 74.00 | -20.86 | 159  | 214 Peak | Horizontal |           |      |
| 2 *  | 2482.00 | 99.27 | 55.64 | 37.63  | 74.00 | 19.27  | 159  | 214 Peak | Horizontal |           |      |
| 3    | 2673.09 | 54.64 | 16.68 | 37.96  | 74.00 | -19.36 | 159  | 214 Peak | Horizontal |           |      |



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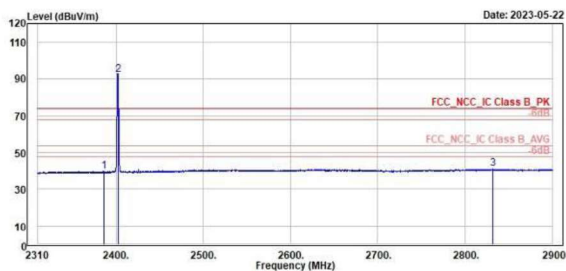
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos     | Remark   | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|----------|----------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg      |          |           |      |
| 1    | 2369.47 | 53.78 | 16.38 | 37.48  | 74.00 | -20.22 | 100  | 174 Peak | Vertical |           |      |
| 2 *  | 2482.00 | 95.46 | 57.83 | 37.63  | 74.00 | 21.46  | 100  | 174 Peak | Vertical |           |      |
| 3    | 2661.64 | 54.38 | 16.31 | 37.99  | 74.00 | -19.70 | 100  | 174 Peak | Vertical |           |      |

**Nordic Original**

**Low Channel (Horizontal) Average**



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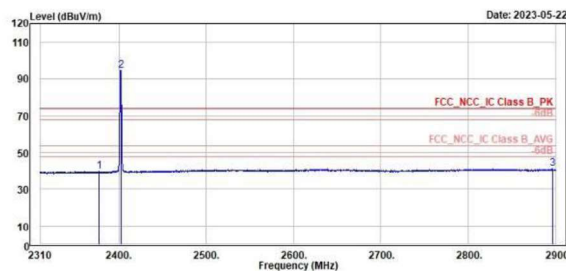


|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |         |            |           |      |
| 1   | 2386.35 | 39.99  | 2.42  | 37.57 | 54.00  | -14.01 | 159  | 214  | Average | Horizontal |           |      |
| 2 * | 2402.00 | 92.83  | 55.20 | 37.63 | 54.00  | 38.83  | 159  | 214  | Average | Horizontal |           |      |
| 3   | 2831.91 | 41.35  | 3.17  | 38.18 | 54.00  | -12.65 | 159  | 214  | Average | Horizontal |           |      |

**Low Channel (Vertical) Average**



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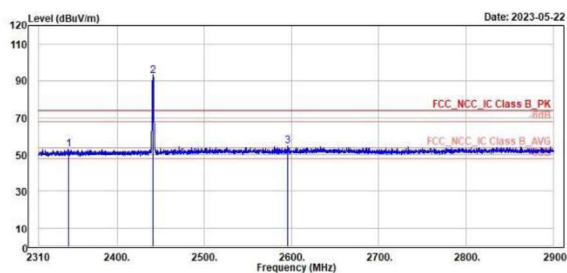
|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |         |          |           |      |
| 1   | 2376.91 | 39.95  | 2.44  | 37.51 | 54.00  | -14.05 | 100  | 174  | Average | Vertical |           |      |
| 2 * | 2402.00 | 95.83  | 57.40 | 37.63 | 54.00  | 41.83  | 100  | 174  | Average | Vertical |           |      |
| 3   | 2896.81 | 41.32  | 2.91  | 38.41 | 54.00  | -12.68 | 100  | 174  | Average | Vertical |           |      |

Nordic Original

Middle Channel (Horizontal) Peak



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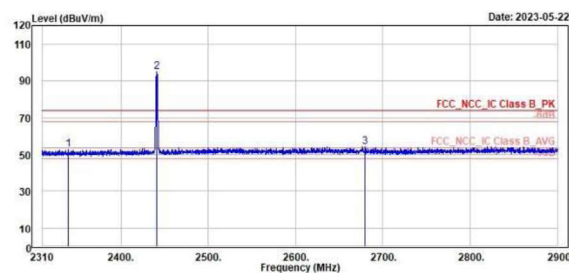


| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 2344.10 | 53.12 | 15.76 | 37.36  | 74.00 | -20.88 | 305  | 173  | Peak   | Horizontal |      |
| 2 *  | 2441.00 | 95.29 | 55.61 | 37.68  | 74.00 | 19.29  | 305  | 173  | Peak   | Horizontal |      |
| 3    | 2595.21 | 54.60 | 16.64 | 37.96  | 74.00 | -19.40 | 305  | 173  | Peak   | Horizontal |      |

Middle Channel (Vertical) Peak



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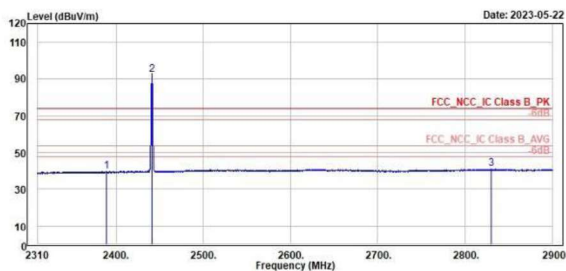
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 2339.85 | 53.13 | 15.79 | 37.34  | 74.00 | -20.87 | 100  | 230  | Peak   | Vertical  |      |
| 2 *  | 2441.00 | 95.18 | 57.50 | 37.68  | 74.00 | 21.18  | 100  | 230  | Peak   | Vertical  |      |
| 3    | 2679.22 | 54.43 | 16.49 | 37.94  | 74.00 | -19.57 | 100  | 230  | Peak   | Vertical  |      |

**Nordic Original**

**Middle Channel (Horizontal) Average**



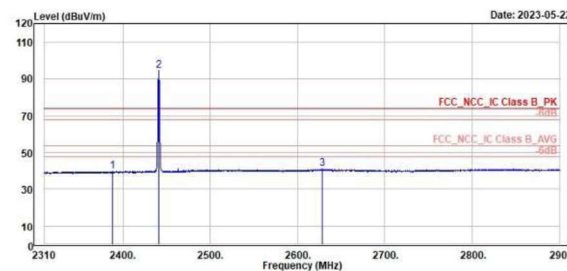
TÜV Rheinland Taiwan Ltd.  
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Tel: +886-2172-1900 Fax: +886-2172-1322



| 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    | 2388.71 | 40.26 | 2.69  | 37.57  | 54.00 | -13.74 | 305  | 173  | Average | Horizontal |      |
| 2 *  | 2441.00 | 92.84 | 55.16 | 37.68  | 54.00 | 38.84  | 305  | 173  | Average | Horizontal |      |
| 3    | 2829.44 | 41.35 | 3.17  | 38.18  | 54.00 | -12.65 | 305  | 173  | Average | Horizontal |      |



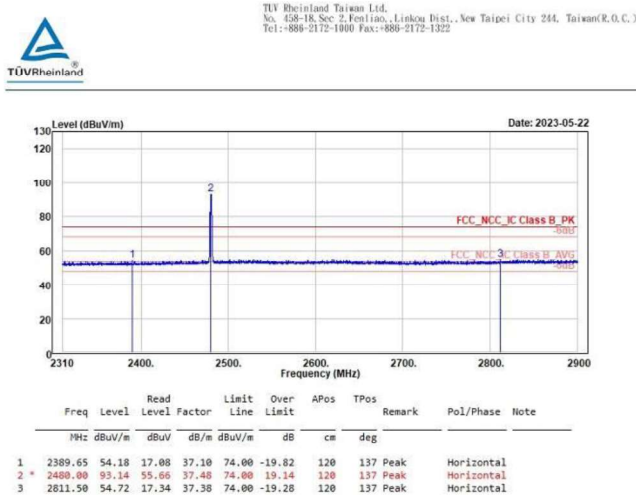
TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1900 Fax: +886-2172-1322



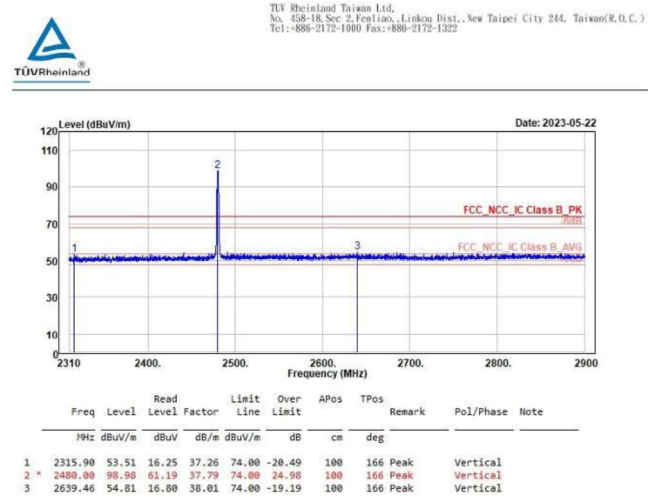
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |           |      |
| 1    | 2388.23 | 39.94 | 2.37  | 37.57  | 54.00 | -14.06 | 100  | 230  | Average | Vertical  |      |
| 2 *  | 2441.00 | 94.72 | 57.04 | 37.68  | 54.00 | 40.72  | 100  | 230  | Average | Vertical  |      |
| 3    | 2628.13 | 41.40 | 3.40  | 38.00  | 54.00 | -12.60 | 100  | 230  | Average | Vertical  |      |

**Nordic Original**

**High Channel (Horizontal) Peak**



**High Channel (Vertical) Peak**

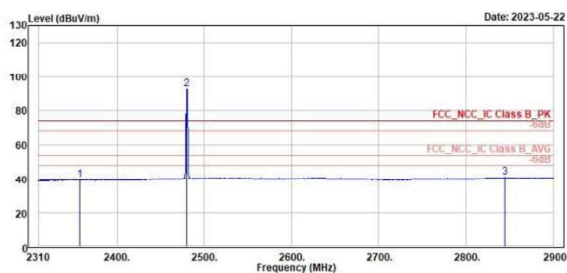


**Nordic Original**

**High Channel (Horizontal) Average**



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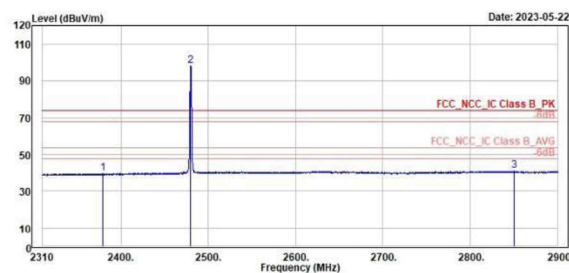


| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark  | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |         |            |      |
| 1    | 2357.44 | 39.57 | 2.58  | 37.07  | 54.00 | -14.43 | 120  | 137  | Average | Horizontal |      |
| 2 *  | 2480.00 | 92.63 | 55.15 | 37.48  | 54.00 | 38.63  | 120  | 137  | Average | Horizontal |      |
| 3    | 2844.42 | 40.83 | 3.15  | 37.68  | 54.00 | -13.17 | 120  | 137  | Average | Horizontal |      |

**High 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    | cm     | deg  |      |         |           |      |
| 1    | 2379.50 | 39.95 | 2.42  | 37.53  | 54.00 | -14.05 | 100  | 166  | Average | Vertical  |      |
| 2 *  | 2480.00 | 98.52 | 60.73 | 37.79  | 54.00 | 44.52  | 100  | 166  | Average | Vertical  |      |
| 3    | 2850.32 | 41.31 | 3.15  | 38.16  | 54.00 | -12.69 | 100  | 166  | Average | Vertical  |      |

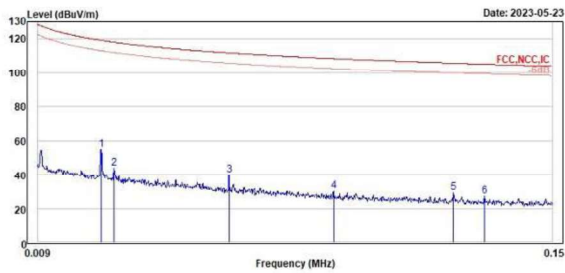
## Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

### Nordic Original

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



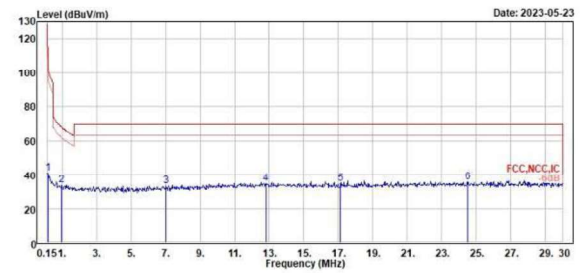
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|   | Freq | Level  | Read  | Limit | Over   | APos   | TPos | Remark   | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|----------|-----------|------|
|   | MHz  | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg      |           |      |
| 1 | 0.03 | 54.91  | 35.96 | 18.95 | 119.13 | -64.22 | 100  | 314 Peak | Open      |      |
| 2 | 0.03 | 43.92  | 24.71 | 19.21 | 118.05 | -74.13 | 100  | 206 Peak | Open      |      |
| 3 | 0.06 | 40.14  | 21.29 | 18.05 | 111.82 | -71.68 | 100  | 133 Peak | Open      |      |
| 4 | 0.09 | 30.33  | 12.17 | 18.16 | 108.50 | -78.17 | 100  | 351 Peak | Open      |      |
| 5 | 0.12 | 29.33  | 11.31 | 18.02 | 105.00 | -76.47 | 100  | 152 Peak | Open      |      |
| 6 | 0.13 | 27.06  | 9.00  | 18.06 | 105.23 | -78.17 | 100  | 334 Peak | 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 | 0.21  | 41.16  | 22.79 | 18.37 | 101.17 | -60.01 | 100  | 49 Peak  | Open      |      |
| 2 | 0.99  | 33.60  | 14.54 | 19.06 | 67.73  | -34.13 | 100  | 68 Peak  | Open      |      |
| 3 | 7.05  | 33.02  | 12.68 | 20.34 | 69.50  | -36.48 | 100  | 319 Peak | Open      |      |
| 4 | 12.81 | 34.74  | 12.99 | 21.75 | 69.50  | -34.76 | 100  | 88 Peak  | Open      |      |
| 5 | 17.13 | 34.53  | 12.48 | 22.05 | 69.50  | -34.97 | 100  | 44 Peak  | Open      |      |
| 6 | 24.48 | 35.64  | 13.36 | 22.28 | 69.50  | -33.86 | 100  | 260 Peak | Open      |      |

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

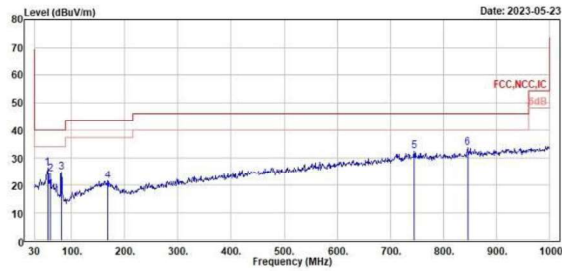
### Nordic Original

#### Low Channel (Horizontal)

#### Low Channel (Vertical)



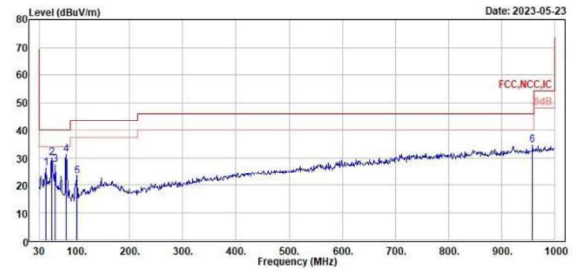
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|   | Freq   | Level  | Read  | Limit  | Over   | APos   | TPos | Remark   | Pol/Phase  | Note |
|---|--------|--------|-------|--------|--------|--------|------|----------|------------|------|
|   | MHz    | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg      |            |      |
| 1 | 54.25  | 26.42  | 33.41 | -6.99  | 40.00  | -13.58 | 100  | 271 Peak | Horizontal |      |
| 2 | 68.07  | 24.48  | 32.16 | -7.68  | 40.00  | -15.52 | 200  | 131 Peak | Horizontal |      |
| 3 | 88.44  | 24.81  | 37.04 | -12.23 | 40.00  | -15.19 | 325  | 360 Peak | Horizontal |      |
| 4 | 167.74 | 21.47  | 28.47 | -7.00  | 43.50  | -22.03 | 100  | 286 Peak | Horizontal |      |
| 5 | 744.89 | 32.48  | 38.04 | 2.44   | 46.00  | -13.52 | 200  | 89 Peak  | Horizontal |      |
| 6 | 845.77 | 33.72  | 38.02 | 3.70   | 46.00  | -12.28 | 400  | 208 Peak | Horizontal |      |



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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 | 41.64  | 26.58  | 34.27 | -7.77  | 40.00  | -13.50 | 200  | 125 Peak | Vertical  |      |
| 2 | 53.28  | 30.05  | 36.96 | -6.91  | 40.00  | -9.95  | 300  | 113 Peak | Vertical  |      |
| 3 | 68.07  | 27.59  | 35.27 | -7.68  | 40.00  | -12.41 | 300  | 13 Peak  | Vertical  |      |
| 4 | 88.44  | 31.39  | 43.62 | -12.23 | 40.00  | -8.61  | 300  | 107 Peak | Vertical  |      |
| 5 | 108.81 | 23.35  | 35.29 | -11.94 | 43.50  | -20.15 | 200  | 118 Peak | Vertical  |      |
| 6 | 958.29 | 34.65  | 29.54 | 5.11   | 46.00  | -11.35 | 400  | 168 Peak | Vertical  |      |

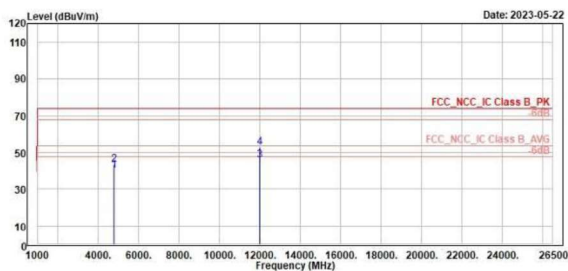
## Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

### ANT

#### Low Channel (Horizontal)



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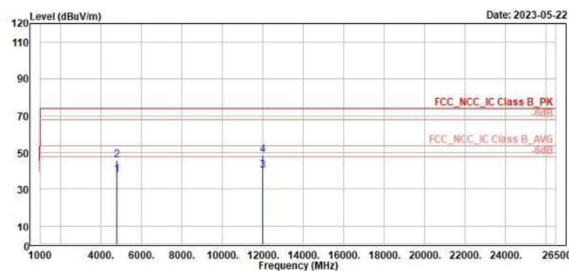


| Freq | Level    | Read  | Limit | Over   | APos  | TPos   | Remark | Pol/Phase   | Note       |
|------|----------|-------|-------|--------|-------|--------|--------|-------------|------------|
| MHz  | dBuV/m   | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg    |             |            |
| 1    | 4804.00  | 40.39 | 50.79 | -10.40 | 54.00 | -13.61 | 148    | 178 Average | Horizontal |
| 2    | 4804.00  | 43.94 | 54.34 | -10.40 | 74.00 | -30.06 | 148    | 178 Peak    | Horizontal |
| 3    | 12010.00 | 46.07 | 47.75 | -1.68  | 54.00 | -7.93  | 164    | 190 Average | Horizontal |
| 4    | 12010.00 | 53.15 | 54.83 | -1.68  | 74.00 | -20.85 | 164    | 190 Peak    | Horizontal |

#### Low Channel (Vertical)



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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    | 4804.00  | 38.24 | 48.64 | -10.40 | 54.00 | -15.76 | 388    | 297 Average | Vertical |
| 2    | 4804.00  | 46.11 | 56.51 | -10.40 | 74.00 | -27.89 | 388    | 297 Peak    | Vertical |
| 3    | 12010.00 | 40.39 | 42.07 | -1.68  | 54.00 | -13.61 | 386    | 167 Average | Vertical |
| 4    | 12010.00 | 49.01 | 50.69 | -1.68  | 74.00 | -24.99 | 386    | 167 Peak    | Vertical |

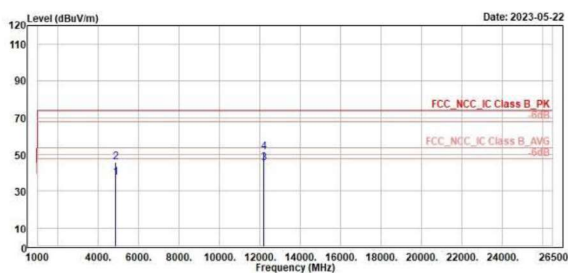
**ANT**

**Middle Channel (Horizontal)**

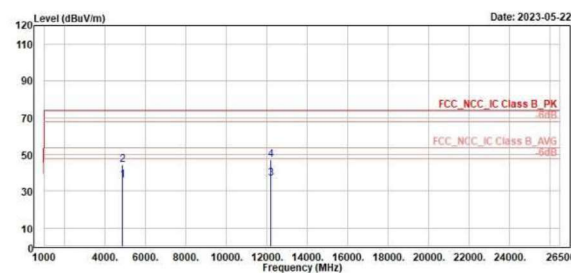
**Middle Channel (Vertical)**



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**ANT**

**High Channel (Horizontal)**



**High Channel (Vertical)**



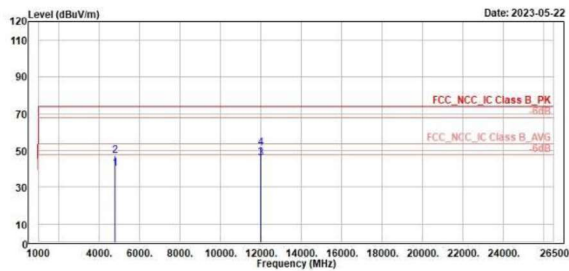
**Nordic Original**

**Low Channel (Horizontal)**

**Low Channel (Vertical)**



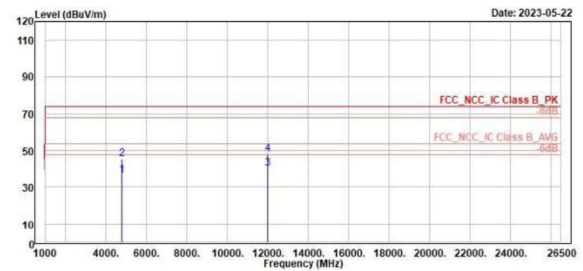
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| Freq | Level    | Read  | Level | Limit  | Over  | APos   | TPos | Remark      | Pol/Phase  | Note |
|------|----------|-------|-------|--------|-------|--------|------|-------------|------------|------|
| MHz  | dBuV/m   | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |             |            |      |
| 1    | 4804.00  | 49.52 | 50.92 | -10.40 | 54.00 | -13.48 | 148  | 177 Average | Horizontal |      |
| 2    | 4804.00  | 47.52 | 57.92 | -10.40 | 74.00 | -26.48 | 148  | 177 Peak    | Horizontal |      |
| 3    | 12010.00 | 45.94 | 47.62 | -1.68  | 54.00 | -8.06  | 165  | 203 Average | Horizontal |      |
| 4    | 12010.00 | 51.65 | 53.33 | -1.68  | 74.00 | -22.35 | 165  | 203 Peak    | Horizontal |      |



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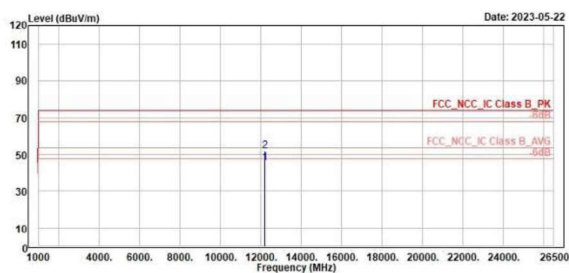
| Freq | Level    | Read  | Level | Limit  | Over  | APos   | TPos | Remark      | Pol/Phase | Note |
|------|----------|-------|-------|--------|-------|--------|------|-------------|-----------|------|
| MHz  | dBuV/m   | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |             |           |      |
| 1    | 4804.00  | 37.11 | 47.51 | -10.40 | 54.00 | -16.89 | 387  | 290 Average | Vertical  |      |
| 2    | 4804.00  | 45.56 | 55.96 | -10.40 | 74.00 | -28.44 | 387  | 290 Peak    | Vertical  |      |
| 3    | 12010.00 | 40.61 | 42.29 | -1.68  | 54.00 | -13.39 | 396  | 201 Average | Vertical  |      |
| 4    | 12010.00 | 48.28 | 49.96 | -1.68  | 74.00 | -25.72 | 396  | 201 Peak    | Vertical  |      |

Nordic Original

Middle Channel (Horizontal)



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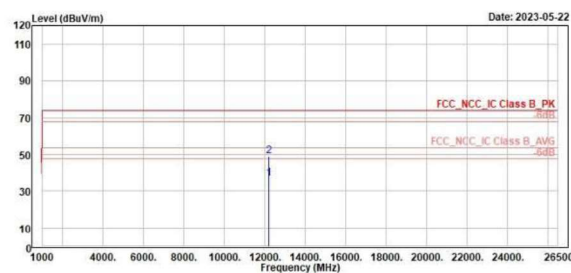


|   | Freq     | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|---|----------|--------|-------|-------|--------|--------|------|------|---------|------------|-----------|------|
|   | MHz      | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg     |            |           |      |
| 1 | 12205.00 | 45.70  | 47.07 | -1.37 | 54.00  | -8.30  | 166  | 200  | Average | Horizontal |           |      |
| 2 | 12205.00 | 52.12  | 53.49 | -1.37 | 74.00  | -21.88 | 166  | 200  | 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     | dB   | cm   | deg     |          |           |      |
| 1 | 12205.00 | 37.43  | 38.80 | -1.37 | 54.00  | -16.57 | 100  | 163  | Average | Vertical |           |      |
| 2 | 12205.00 | 49.44  | 50.81 | -1.37 | 74.00  | -24.56 | 100  | 163  | Peak    | Vertical |           |      |

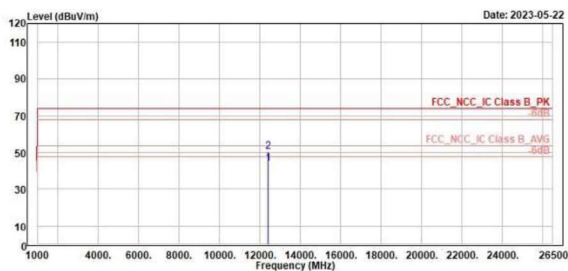
**Nordic Original**

**High Channel (Horizontal)**

**High Channel (Vertical)**



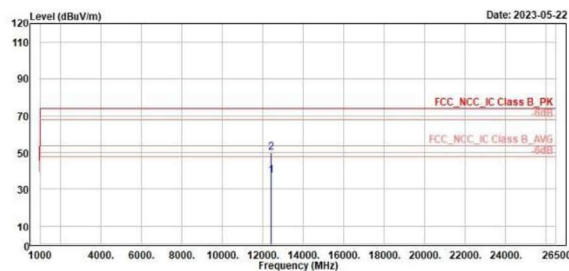
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| Freq | Level    | Read  | Level | Factor | Limit | Over   | Line | Limit | APos    | TPos       | Remark | Pol/Phase | Note |
|------|----------|-------|-------|--------|-------|--------|------|-------|---------|------------|--------|-----------|------|
| MHz  | dBuV/m   | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |       |         |            |        |           |      |
| 1    | 12400.00 | 44.19 | 45.55 | -1.36  | 54.00 | -9.81  | 352  | 193   | Average | Horizontal |        |           |      |
| 2    | 12400.00 | 50.76 | 52.12 | -1.36  | 74.00 | -23.24 | 352  | 193   | Peak    | Horizontal |        |           |      |



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| Freq | Level    | Read  | Level | Factor | Limit | Over   | Line | Limit | APos    | TPos     | Remark | Pol/Phase | Note |
|------|----------|-------|-------|--------|-------|--------|------|-------|---------|----------|--------|-----------|------|
| MHz  | dBuV/m   | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |       |         |          |        |           |      |
| 1    | 12400.00 | 37.71 | 39.07 | -1.36  | 54.00 | -16.29 | 100  | 172   | Average | Vertical |        |           |      |
| 2    | 12400.00 | 49.97 | 51.33 | -1.36  | 74.00 | -24.03 | 100  | 172   | Peak    | Vertical |        |           |      |

## Mains Conducted Emission, 150kHz ~ 30MHz

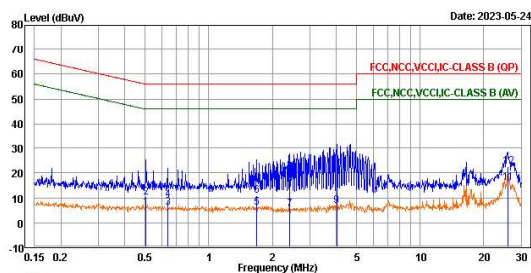
### Worst Band

#### (Line)

#### (Neutral)



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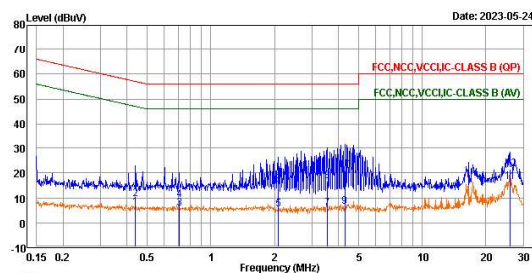


Trace: 1

|    | Freq  | Level | Read   | Limit | Over  |                |           |      |
|----|-------|-------|--------|-------|-------|----------------|-----------|------|
|    | MHz   | dBuV  | Level  | Line  | Limit | Remark         | Pol/Phase | Note |
|    |       |       | Factor |       |       |                |           |      |
|    |       | dBuV  | dB     | dBuV  | dB    |                |           |      |
| 1  | 0.51  | 6.04  | -3.59  | 9.63  | 46.00 | -39.96 Average | line1     |      |
| 2  | 0.51  | 10.15 | 0.52   | 9.63  | 56.00 | -45.85 QP      | line1     |      |
| 3  | 0.64  | 5.99  | -3.70  | 9.63  | 46.00 | -40.07 Average | line1     |      |
| 4  | 0.64  | 9.27  | -0.36  | 9.63  | 56.00 | -46.73 QP      | line1     |      |
| 5  | 1.68  | 5.95  | -3.71  | 9.66  | 46.00 | -40.05 Average | line1     |      |
| 6  | 1.68  | 10.97 | 1.31   | 9.66  | 56.00 | -45.03 QP      | line1     |      |
| 7  | 2.42  | 5.47  | -4.19  | 9.66  | 46.00 | -40.53 Average | line1     |      |
| 8  | 2.42  | 17.70 | 8.04   | 9.66  | 56.00 | -38.30 QP      | line1     |      |
| 9  | 4.02  | 6.65  | -3.03  | 9.68  | 46.00 | -39.35 Average | line1     |      |
| 10 | 4.02  | 21.13 | 11.45  | 9.68  | 56.00 | -34.87 QP      | line1     |      |
| 11 | 25.96 | 16.13 | 6.39   | 9.74  | 50.00 | -33.87 Average | line1     |      |
| 12 | 25.96 | 22.47 | 12.73  | 9.74  | 60.00 | -37.53 QP      | line1     |      |



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Trace: 1

|    | Freq  | Level | Read   | Limit | Over  |                |           |      |
|----|-------|-------|--------|-------|-------|----------------|-----------|------|
|    | MHz   | dBuV  | Level  | Line  | Limit | Remark         | Pol/Phase | Note |
|    |       |       | Factor |       |       |                |           |      |
|    |       |       | dB     | dBuV  | dB    |                |           |      |
| 1  | 0.44  | 6.11  | -3.52  | 9.63  | 47.06 | -40.95 Average | neutral   |      |
| 2  | 0.44  | 9.57  | -0.06  | 9.63  | 57.06 | -47.49 QP      | neutral   |      |
| 3  | 0.71  | 5.87  | -3.76  | 9.63  | 46.00 | -40.13 Average | neutral   |      |
| 4  | 0.71  | 9.04  | -0.59  | 9.63  | 56.00 | -46.96 QP      | neutral   |      |
| 5  | 2.07  | 5.35  | -4.31  | 9.66  | 46.00 | -40.65 Average | neutral   |      |
| 6  | 2.07  | 15.43 | 5.77   | 9.66  | 56.00 | -40.57 QP      | neutral   |      |
| 7  | 3.55  | 5.73  | -3.96  | 9.69  | 46.00 | -40.27 Average | neutral   |      |
| 8  | 3.55  | 16.66 | 6.97   | 9.69  | 56.00 | -39.34 QP      | neutral   |      |
| 9  | 4.29  | 6.38  | -3.32  | 9.70  | 46.00 | -39.62 Average | neutral   |      |
| 10 | 4.29  | 20.67 | 10.97  | 9.70  | 56.00 | -35.33 QP      | neutral   |      |
| 11 | 25.96 | 16.19 | 6.32   | 9.87  | 50.00 | -33.81 Average | neutral   |      |
| 12 | 25.96 | 21.63 | 11.76  | 9.87  | 60.00 | -38.37 QP      | neutral   |      |