# Appendix B: Test Results of Radiated Spurious Emissions & Mains

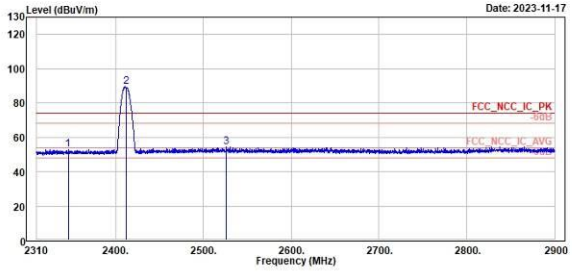
## Conducted Emission Test

### Band Edges, 2.31GHz ~ 2.9GHz

**802.11b**

**Low Channel (Horizontal) Peak**

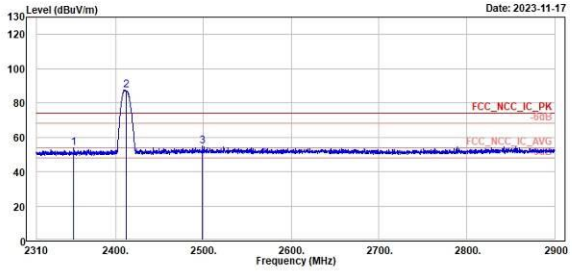
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2345.99 | 52.94 | 15.90 | 37.04 | 74.00 | -21.06 | 294 | 122 | Peak | Horizontal | |
| 2 * | 2412.00 | 89.38 | 52.19 | 37.19 | 74.00 | 15.38 | 294 | 122 | Peak | Horizontal | |
| 3 | 2526.06 | 54.38 | 16.91 | 37.47 | 74.00 | -19.62 | 294 | 122 | Peak | Horizontal | |

**Low Channel (Vertical) Peak**

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

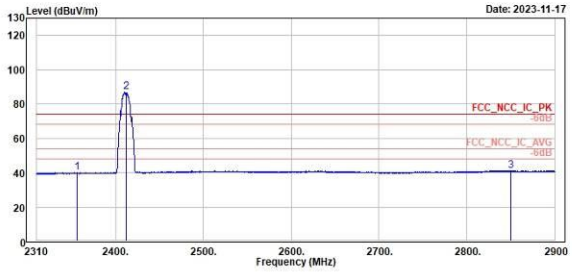



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2352.60 | 53.65 | 16.59 | 37.06 | 74.00 | -20.35 | 119 | 67 | Peak | Vertical | |
| 2 * | 2412.00 | 87.64 | 50.45 | 37.19 | 74.00 | 13.64 | 119 | 67 | Peak | Vertical | |
| 3 | 2498.92 | 54.72 | 17.22 | 37.50 | 74.00 | -19.28 | 119 | 67 | Peak | Vertical | |

## 802.11b

### Low Channel (Horizontal) Average

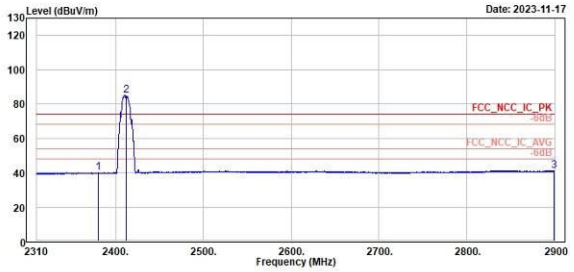
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2356.02 | 40.00 | 2.93 | 37.07 | 54.00 | -14.00 | 294 | 122 | Average | Horizontal | |
| 2 * | 2412.00 | 86.78 | 49.59 | 37.19 | 54.00 | 32.78 | 294 | 122 | Average | Horizontal | |
| 3 | 2849.73 | 41.20 | 3.48 | 37.72 | 54.00 | -12.80 | 294 | 122 | Average | Horizontal | |

### Low Channel (Vertical) Average

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

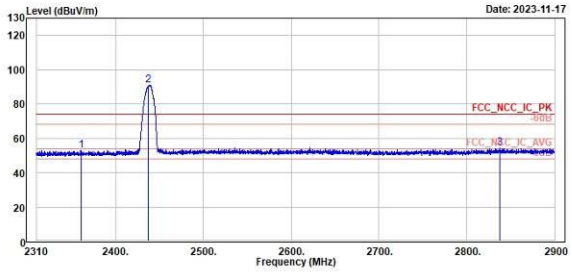



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2380.09 | 40.08 | 2.99 | 37.09 | 54.00 | -13.92 | 119 | 67 | Average | Vertical | |
| 2 * | 2412.00 | 85.08 | 47.89 | 37.19 | 54.00 | 31.08 | 119 | 67 | Average | Vertical | |
| 3 | 2899.41 | 41.17 | 3.20 | 37.97 | 54.00 | -12.83 | 119 | 67 | Average | Vertical | |

## 802.11b

### Middle Channel (Horizontal) Peak

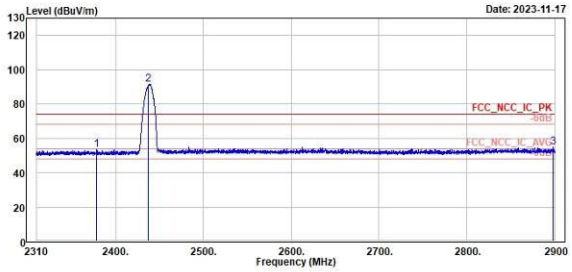
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2360.50 | 52.93 | 15.86 | 37.07 | 74.00 | -21.07 | 287 | 121 | Peak | Horizontal | |
| 2 * | 2437.00 | 91.19 | 53.83 | 37.36 | 74.00 | 17.19 | 287 | 121 | Peak | Horizontal | |
| 3 | 2837.93 | 54.55 | 16.94 | 37.61 | 74.00 | -19.45 | 287 | 121 | Peak | Horizontal | |

### Middle Channel (Vertical) Peak

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

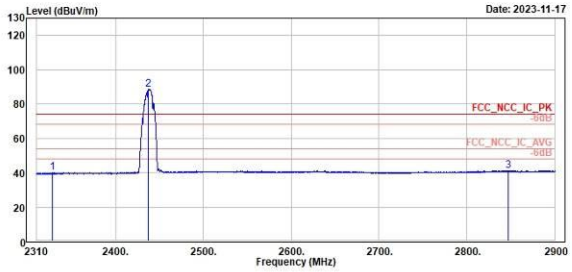



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2378.09 | 53.33 | 16.24 | 37.09 | 74.00 | -20.67 | 118 | 69 | Peak | Vertical | |
| 2 * | 2437.00 | 91.61 | 54.25 | 37.36 | 74.00 | 17.61 | 118 | 69 | Peak | Vertical | |
| 3 | 2898.23 | 54.87 | 16.91 | 37.96 | 74.00 | -19.13 | 118 | 69 | Peak | Vertical | |

## 802.11b

### Middle Channel (Horizontal) Average

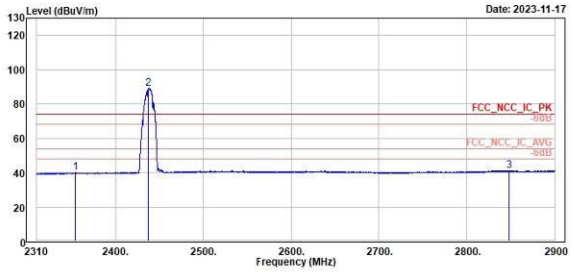
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2327.70 | 39.93 | 3.02 | 36.91 | 54.00 | -14.07 | 287 | 121 | Average | Horizontal | |
| 2 * | 2437.00 | 88.69 | 51.33 | 37.36 | 54.00 | 34.69 | 287 | 121 | Average | Horizontal | |
| 3 | 2847.37 | 41.11 | 3.41 | 37.70 | 54.00 | -12.89 | 287 | 121 | Average | Horizontal | |

### Middle Channel (Vertical) Average

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

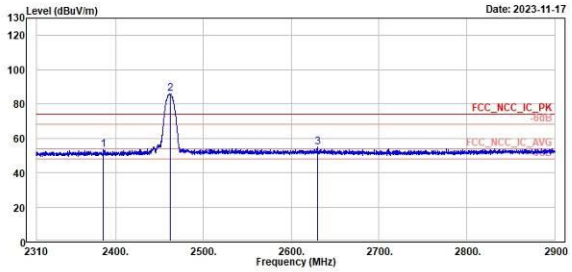



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2354.60 | 39.98 | 2.91 | 37.07 | 54.00 | -14.02 | 118 | 69 | Average | Vertical | |
| 2 * | 2437.00 | 89.14 | 51.78 | 37.36 | 54.00 | 35.14 | 118 | 69 | Average | Vertical | |
| 3 | 2848.55 | 41.13 | 3.42 | 37.71 | 54.00 | -12.87 | 118 | 69 | Average | Vertical | |

## 802.11b

### High Channel (Horizontal) Peak

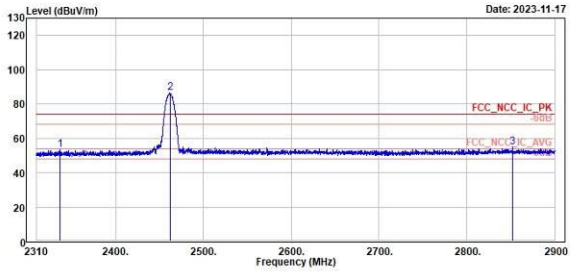
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2386.46 | 53.45 | 16.35 | 37.10 | 74.00 | -20.55 | 283 | 119 | Peak | Horizontal | |
| 2 * | 2462.00 | 86.18 | 48.71 | 37.47 | 74.00 | 12.18 | 283 | 119 | Peak | Horizontal | |
| 3 | 2629.66 | 54.77 | 17.43 | 37.34 | 74.00 | -19.23 | 283 | 119 | Peak | Horizontal | |

### High Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

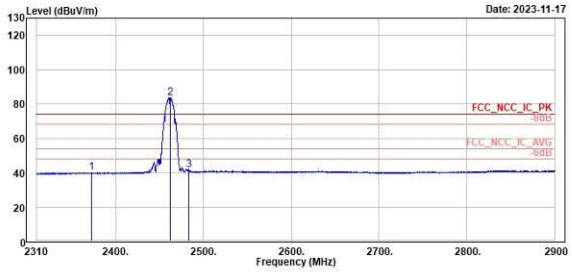



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2337.14 | 53.19 | 16.22 | 36.97 | 74.00 | -20.81 | 100 | 227 | Peak | Vertical | |
| 2 * | 2462.00 | 86.26 | 48.79 | 37.47 | 74.00 | 12.26 | 100 | 227 | Peak | Vertical | |
| 3 | 2851.86 | 54.87 | 17.14 | 37.73 | 74.00 | -19.13 | 100 | 227 | Peak | Vertical | |

## 802.11b

### High Channel (Horizontal) Average

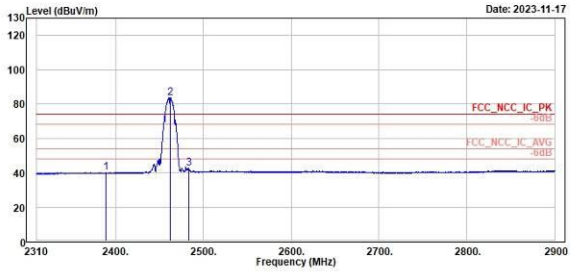
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2372.42 | 39.94 | 2.86 | 37.08 | 54.00 | -14.06 | 283 | 119 | Average | Horizontal | |
| 2 * | 2462.00 | 83.78 | 46.31 | 37.47 | 54.00 | 29.78 | 283 | 119 | Average | Horizontal | |
| 3 | 2483.50 | 41.51 | 4.03 | 37.48 | 54.00 | -12.49 | 283 | 119 | Average | Horizontal | |

### High Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

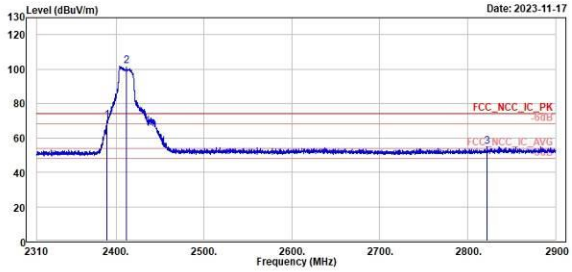



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2389.18 | 40.07 | 2.97 | 37.10 | 54.00 | -13.93 | 100 | 227 | Average | Vertical | |
| 2 * | 2462.00 | 83.73 | 46.26 | 37.47 | 54.00 | 29.73 | 100 | 227 | Average | Vertical | |
| 3 | 2483.50 | 42.43 | 4.95 | 37.48 | 54.00 | -11.57 | 100 | 227 | Average | Vertical | |

## 802.11g

### Low Channel (Horizontal) Peak

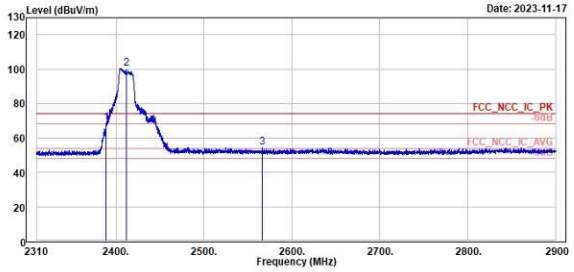
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao,.Linkou Dist,.New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2389.89 | 70.13 | 33.03 | 37.10 | 74.00 | -3.87 | 292 | 119 | Peak | Horizontal | |
| 2 | * | 2412.00 | 101.69 | 64.50 | 37.19 | 74.00 | 27.69 | 292 | 119 | Peak | Horizontal | |
| 3 | | 2821.88 | 55.05 | 17.57 | 37.48 | 74.00 | -18.95 | 292 | 119 | Peak | Horizontal | |

### Low Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao,.Linkou Dist,.New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

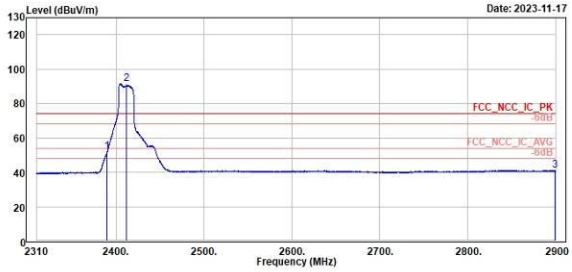



| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2389.30 | 68.94 | 31.84 | 37.10 | 74.00 | -5.06 | 100 | 67 | Peak | Vertical | |
| 2 | * | 2412.00 | 100.58 | 63.39 | 37.19 | 74.00 | 26.58 | 100 | 67 | Peak | Vertical | |
| 3 | | 2566.65 | 54.55 | 17.09 | 37.46 | 74.00 | -19.45 | 100 | 67 | Peak | Vertical | |

## 802.11g

### Low Channel (Horizontal) Average

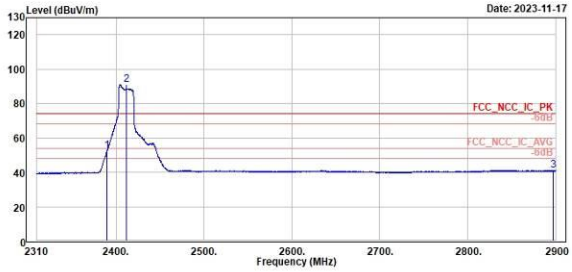
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao..Linkou Dist..New Taipei City 244. Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2389.89 | 51.83 | 14.73 | 37.10 | 54.00 | -2.17 | 292 | 119 | Average | Horizontal | |
| 2 | * | 2412.00 | 91.40 | 54.21 | 37.19 | 54.00 | 37.40 | 292 | 119 | Average | Horizontal | |
| 3 | | 2898.94 | 41.14 | 3.17 | 37.97 | 54.00 | -12.86 | 292 | 119 | Average | Horizontal | |

### Low Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao..Linkou Dist..New Taipei City 244. Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

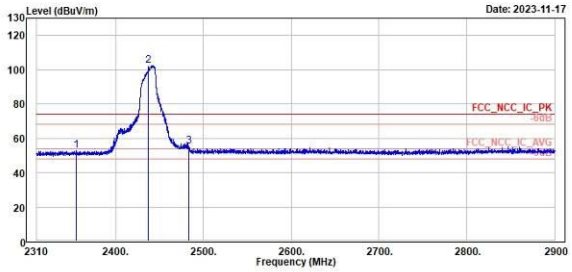



| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2390.00 | 52.51 | 15.41 | 37.10 | 54.00 | -1.49 | 100 | 67 | Average | Vertical | |
| 2 | * | 2412.00 | 91.03 | 53.84 | 37.19 | 54.00 | 37.03 | 100 | 67 | Average | Vertical | |
| 3 | | 2897.40 | 41.13 | 3.17 | 37.96 | 54.00 | -12.87 | 100 | 67 | Average | Vertical | |

## 802.11g

### Middle Channel (Horizontal) Peak

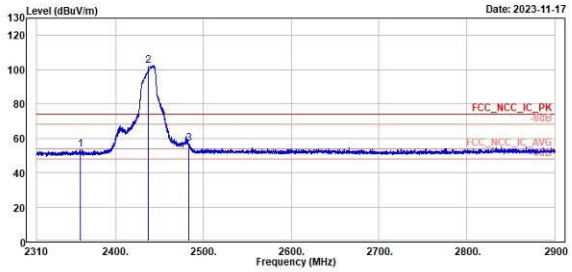
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2355.19 | 52.68 | 15.61 | 37.07 | 74.00 | -21.32 | 288 | 119 | Peak | Horizontal | |
| 2 * | 2437.00 | 102.55 | 65.19 | 37.36 | 74.00 | 28.55 | 288 | 119 | Peak | Horizontal | |
| 3 | 2483.50 | 55.16 | 17.68 | 37.48 | 74.00 | -18.84 | 288 | 119 | Peak | Horizontal | |

### Middle Channel (Vertical) Peak

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

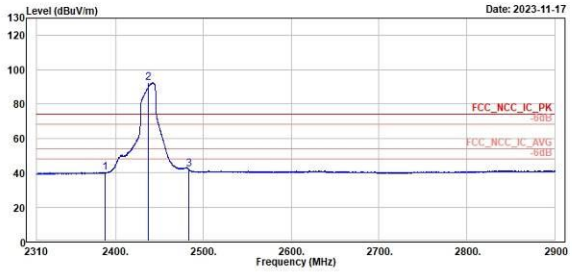



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2359.56 | 53.43 | 16.36 | 37.07 | 74.00 | -20.57 | 100 | 69 | Peak | Vertical | |
| 2 * | 2437.00 | 102.51 | 65.15 | 37.36 | 74.00 | 28.51 | 100 | 69 | Peak | Vertical | |
| 3 | 2483.81 | 56.77 | 19.28 | 37.49 | 74.00 | -17.23 | 100 | 69 | Peak | Vertical | |

## 802.11g

### Middle Channel (Horizontal) Average

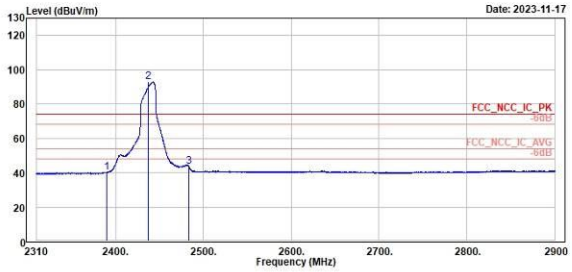
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2387.64 | 40.24 | 3.14 | 37.10 | 54.00 | -13.76 | 288 | 119 | Average | Horizontal | |
| 2 * | 2437.00 | 92.44 | 55.08 | 37.36 | 54.00 | 38.44 | 288 | 119 | Average | Horizontal | |
| 3 | 2483.81 | 41.92 | 4.43 | 37.49 | 54.00 | -12.08 | 288 | 119 | Average | Horizontal | |

### Middle Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

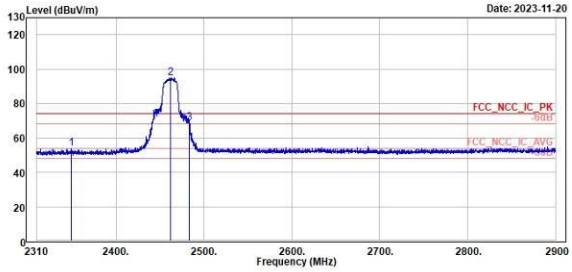



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2390.00 | 40.22 | 3.12 | 37.10 | 54.00 | -13.78 | 100 | 69 | Average | Vertical | |
| 2 * | 2437.00 | 92.74 | 55.38 | 37.36 | 54.00 | 38.74 | 100 | 69 | Average | Vertical | |
| 3 | 2483.58 | 43.48 | 6.00 | 37.48 | 54.00 | -10.52 | 100 | 69 | Average | Vertical | |

## 802.11g

### High Channel (Horizontal) Peak

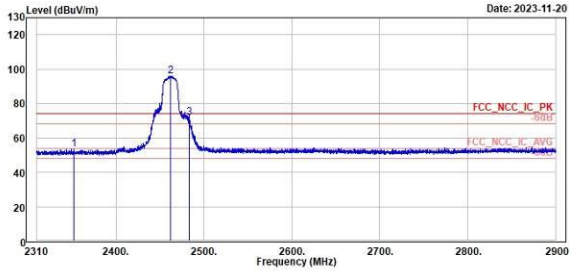
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao,.Linkou Dist,.New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2349.53 | 53.73 | 16.67 | 37.06 | 74.00 | -20.27 | 283 | 122 | Peak | Horizontal | |
| 2 * | 2462.00 | 95.04 | 57.57 | 37.47 | 74.00 | 21.04 | 283 | 122 | Peak | Horizontal | |
| 3 ! | 2483.81 | 68.89 | 31.40 | 37.49 | 74.00 | -5.11 | 283 | 122 | Peak | Horizontal | |

### High Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao,.Linkou Dist,.New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

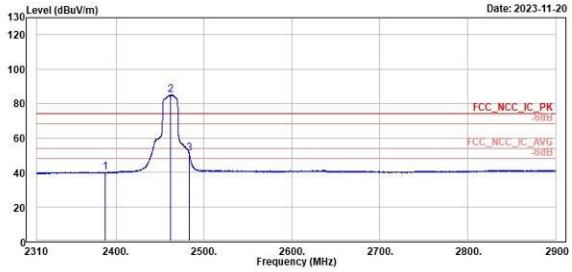



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2352.13 | 53.58 | 16.52 | 37.06 | 74.00 | -20.42 | 100 | 235 | Peak | Vertical | |
| 2 * | 2462.00 | 96.11 | 58.64 | 37.47 | 74.00 | 22.11 | 100 | 235 | Peak | Vertical | |
| 3 ! | 2483.58 | 71.76 | 34.28 | 37.48 | 74.00 | -2.24 | 100 | 235 | Peak | Vertical | |

## 802.11g

### High Channel (Horizontal) Average

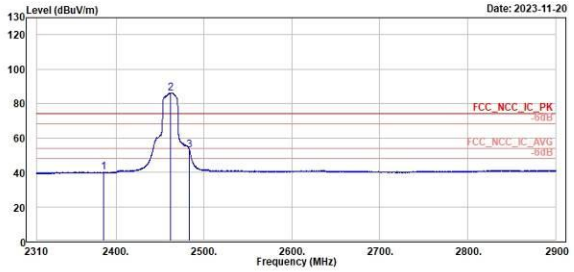
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao,.Linkou Dist,.New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2388.00 | 39.91 | 2.81 | 37.10 | 54.00 | -14.09 | 283 | 122 | Average | Horizontal | |
| 2 * | 2462.00 | 84.94 | 47.47 | 37.47 | 54.00 | 30.94 | 283 | 122 | Average | Horizontal | |
| 3 ! | 2483.50 | 50.75 | 13.27 | 37.48 | 54.00 | -3.25 | 283 | 122 | Average | Horizontal | |

### High Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao,.Linkou Dist,.New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

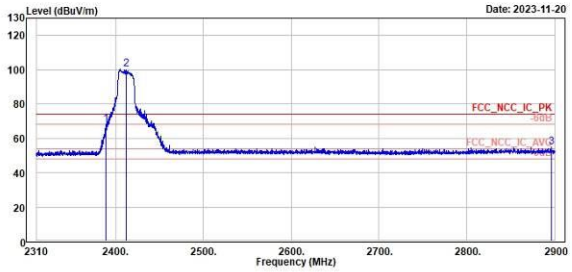



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2386.46 | 39.95 | 2.85 | 37.10 | 54.00 | -14.05 | 100 | 235 | Average | Vertical | |
| 2 * | 2462.00 | 86.24 | 48.77 | 37.47 | 54.00 | 32.24 | 100 | 235 | Average | Vertical | |
| 3 ! | 2483.50 | 53.06 | 15.58 | 37.48 | 54.00 | -0.94 | 100 | 235 | Average | Vertical | |

## 802.11ac VHT20

### Low Channel (Horizontal) Peak

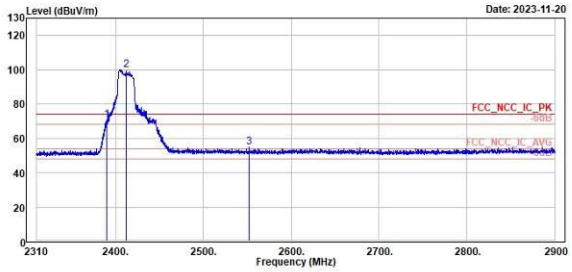
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 2389.18 | 68.44 | 31.34 | 37.10 | 74.00 | -5.56 | 293 | 121 | Peak | Horizontal | |
| 2 * | 2412.00 | 100.19 | 63.00 | 37.19 | 74.00 | 26.19 | 293 | 121 | Peak | Horizontal | |
| 3 | 2896.46 | 54.73 | 16.78 | 37.95 | 74.00 | -19.27 | 293 | 121 | Peak | Horizontal | |

### Low Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

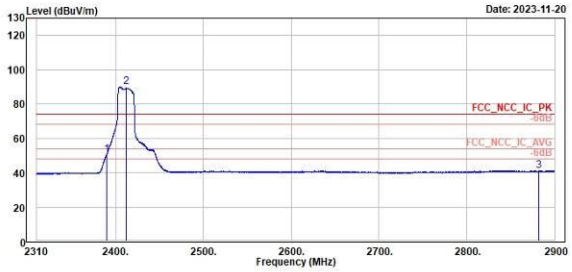



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 2389.89 | 70.77 | 33.67 | 37.10 | 74.00 | -3.23 | 100 | 88 | Peak | Vertical | |
| 2 * | 2412.00 | 99.76 | 62.57 | 37.19 | 74.00 | 25.76 | 100 | 88 | Peak | Vertical | |
| 3 | 2552.37 | 54.71 | 17.26 | 37.45 | 74.00 | -19.29 | 100 | 88 | Peak | Vertical | |

## 802.11ac VHT20

### Low Channel (Horizontal) Average

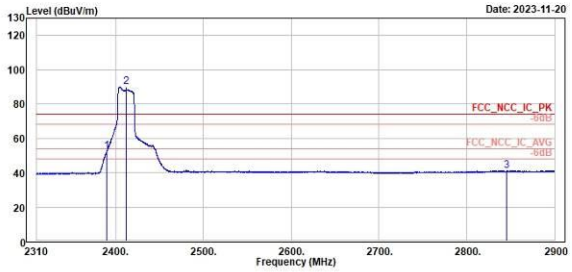
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2389.89 | 50.51 | 13.41 | 37.10 | 54.00 | -3.49 | 293 | 121 | Average | Horizontal | |
| 2 | * | 2412.00 | 89.99 | 52.80 | 37.19 | 54.00 | 35.99 | 293 | 121 | Average | Horizontal | |
| 3 | | 2882.06 | 41.13 | 3.25 | 37.88 | 54.00 | -12.87 | 293 | 121 | Average | Horizontal | |

### Low Channel (Vertical) Average

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

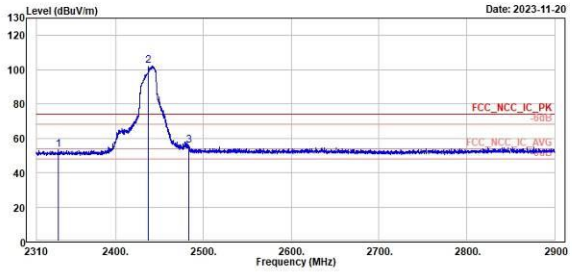



| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2389.89 | 52.31 | 15.21 | 37.10 | 54.00 | -1.69 | 100 | 88 | Average | Vertical | |
| 2 | * | 2412.00 | 89.86 | 52.67 | 37.19 | 54.00 | 35.86 | 100 | 88 | Average | Vertical | |
| 3 | | 2845.01 | 41.12 | 3.44 | 37.68 | 54.00 | -12.88 | 100 | 88 | Average | Vertical | |

## 802.11ac VHT20

### Middle Channel (Horizontal) Peak

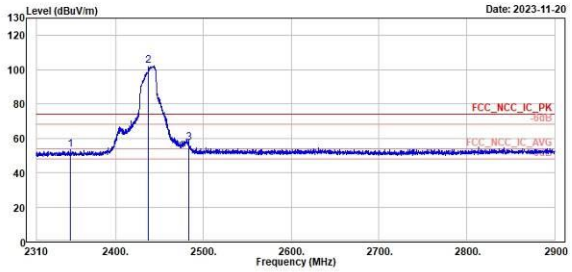
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2335.13 | 53.30 | 16.34 | 36.96 | 74.00 | -20.70 | 288 | 121 | Peak | Horizontal | |
| 2 * | 2437.00 | 102.23 | 64.87 | 37.36 | 74.00 | 28.23 | 288 | 121 | Peak | Horizontal | |
| 3 | 2483.58 | 55.85 | 18.37 | 37.48 | 74.00 | -18.15 | 288 | 121 | Peak | Horizontal | |

### Middle Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

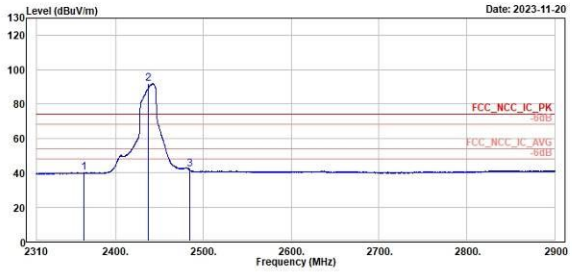



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2348.59 | 53.37 | 16.32 | 37.05 | 74.00 | -20.63 | 100 | 93 | Peak | Vertical | |
| 2 * | 2437.00 | 102.11 | 64.75 | 37.36 | 74.00 | 28.11 | 100 | 93 | Peak | Vertical | |
| 3 | 2483.70 | 57.55 | 20.06 | 37.49 | 74.00 | -16.45 | 100 | 93 | Peak | Vertical | |

## 802.11ac VHT20

### Middle Channel (Horizontal) Average

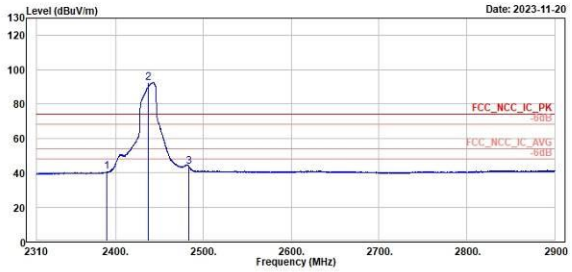
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2364.28 | 40.19 | 3.11 | 37.08 | 54.00 | -13.81 | 288 | 121 | Average | Horizontal | |
| 2 * | 2437.00 | 91.91 | 54.55 | 37.36 | 54.00 | 37.91 | 288 | 121 | Average | Horizontal | |
| 3 | 2484.05 | 41.85 | 4.36 | 37.49 | 54.00 | -12.15 | 288 | 121 | Average | Horizontal | |

### Middle Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

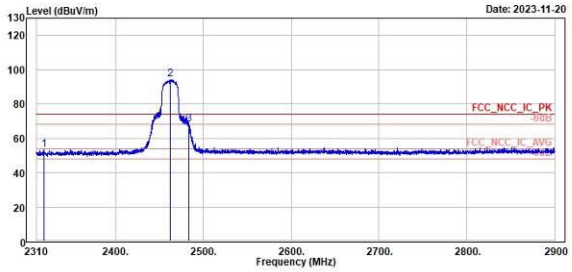



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2390.00 | 40.38 | 3.28 | 37.10 | 54.00 | -13.62 | 100 | 93 | Average | Vertical | |
| 2 * | 2437.00 | 92.58 | 55.22 | 37.36 | 54.00 | 38.58 | 100 | 93 | Average | Vertical | |
| 3 | 2483.50 | 43.41 | 5.93 | 37.48 | 54.00 | -10.59 | 100 | 93 | Average | Vertical | |

## 802.11ac VHT20

### High Channel (Horizontal) Peak

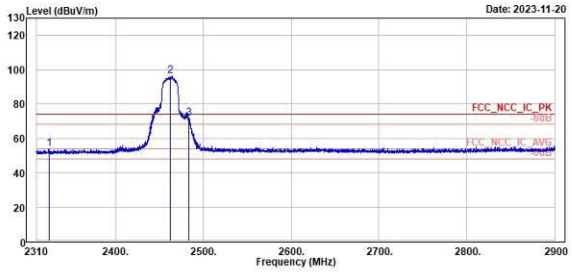
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2318.02 | 53.26 | 16.42 | 36.84 | 74.00 | -20.74 | 282 | 119 | Peak | Horizontal | |
| 2 * | 2462.00 | 94.38 | 56.91 | 37.47 | 74.00 | 20.38 | 282 | 119 | Peak | Horizontal | |
| 3 ! | 2483.81 | 68.27 | 30.78 | 37.49 | 74.00 | -5.73 | 282 | 119 | Peak | Horizontal | |

### High Channel (Vertical) Peak

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

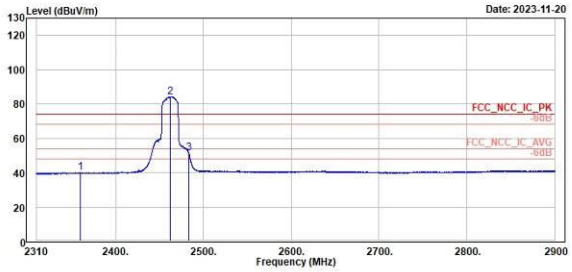



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2324.16 | 53.74 | 16.86 | 36.88 | 74.00 | -20.26 | 100 | 236 | Peak | Vertical | |
| 2 * | 2462.00 | 96.28 | 58.81 | 37.47 | 74.00 | 22.28 | 100 | 236 | Peak | Vertical | |
| 3 ! | 2483.50 | 71.49 | 34.01 | 37.48 | 74.00 | -2.51 | 100 | 236 | Peak | Vertical | |

## 802.11ac VHT20

### High Channel (Horizontal) Average

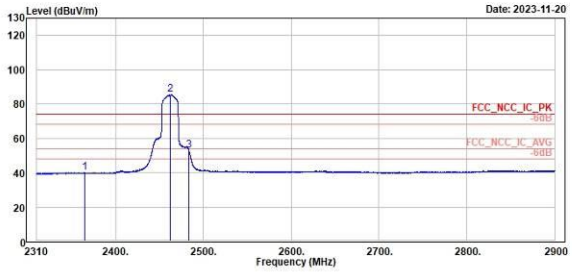
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2359.91 | 39.97 | 2.90 | 37.07 | 54.00 | -14.03 | 282 | 119 | Average | Horizontal | |
| 2 * | 2462.00 | 84.27 | 46.80 | 37.47 | 54.00 | 30.27 | 282 | 119 | Average | Horizontal | |
| 3 ! | 2483.50 | 51.25 | 13.77 | 37.48 | 54.00 | -2.75 | 282 | 119 | Average | Horizontal | |

### High Channel (Vertical) Average

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

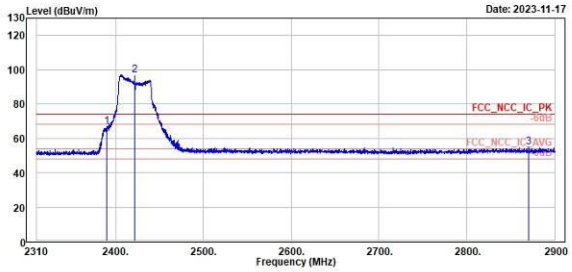



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2364.63 | 40.11 | 3.03 | 37.08 | 54.00 | -13.89 | 100 | 236 | Average | Vertical | |
| 2 * | 2462.00 | 85.40 | 47.93 | 37.47 | 54.00 | 31.40 | 100 | 236 | Average | Vertical | |
| 3 ! | 2483.58 | 52.97 | 15.49 | 37.48 | 54.00 | -1.03 | 100 | 236 | Average | Vertical | |

## 802.11ac VHT40

### Low Channel (Horizontal) Peak

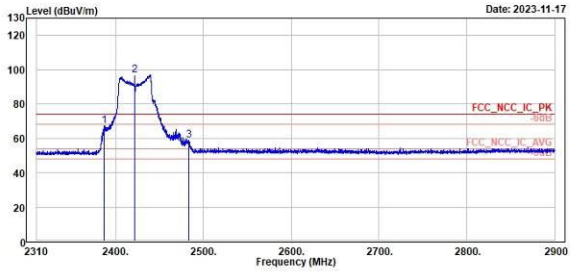
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2390.00 | 66.92 | 29.82 | 37.10 | 74.00 | -7.08 | 293 | 119 | Peak | Horizontal | |
| 2 * | 2422.00 | 97.01 | 59.75 | 37.26 | 74.00 | 23.01 | 293 | 119 | Peak | Horizontal | |
| 3 | 2870.03 | 54.73 | 16.91 | 37.82 | 74.00 | -19.27 | 293 | 119 | Peak | Horizontal | |

### Low Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

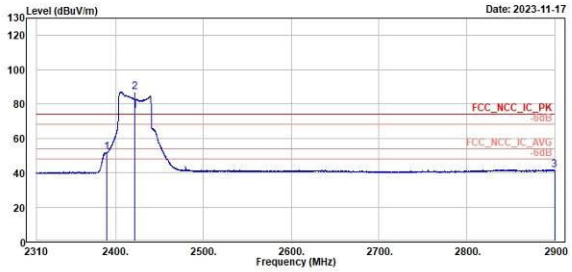



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2386.58 | 67.27 | 30.17 | 37.10 | 74.00 | -6.73 | 118 | 68 | Peak | Vertical | |
| 2 * | 2422.00 | 96.93 | 59.67 | 37.26 | 74.00 | 22.93 | 118 | 68 | Peak | Vertical | |
| 3 | 2483.70 | 58.87 | 21.38 | 37.49 | 74.00 | -15.13 | 118 | 68 | Peak | Vertical | |

## 802.11ac VHT40

### Low Channel (Horizontal) Average

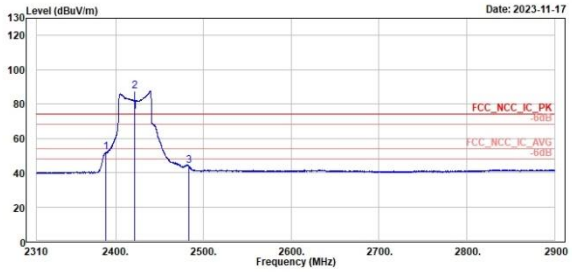
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2390.00 | 51.92 | 14.82 | 37.10 | 54.00 | -2.08 | 293 | 119 | Average | Horizontal | |
| 2 | * | 2422.00 | 86.96 | 49.70 | 37.26 | 54.00 | 32.96 | 293 | 119 | Average | Horizontal | |
| 3 | | 2899.76 | 41.74 | 3.77 | 37.97 | 54.00 | -12.26 | 293 | 119 | Average | Horizontal | |

### Low Channel (Vertical) Average

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

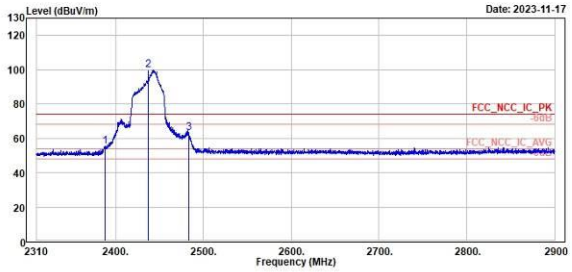



| | | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | ! | 2388.59 | 52.07 | 14.97 | 37.10 | 54.00 | -1.93 | 118 | 68 | Average | Vertical | |
| 2 | * | 2422.00 | 87.47 | 50.21 | 37.26 | 54.00 | 33.47 | 118 | 68 | Average | Vertical | |
| 3 | | 2483.70 | 44.11 | 6.62 | 37.49 | 54.00 | -9.89 | 118 | 68 | Average | Vertical | |

## 802.11ac VHT40

### Middle Channel (Horizontal) Peak

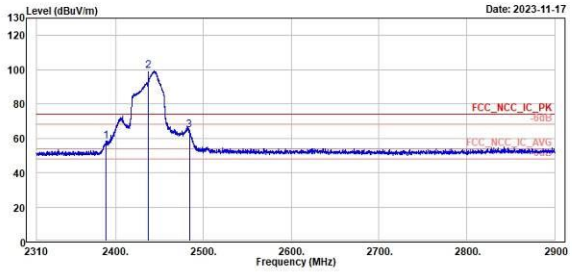
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2388.35 | 55.38 | 18.28 | 37.10 | 74.00 | -18.62 | 286 | 122 | Peak | Horizontal | |
| 2 * | 2437.00 | 99.64 | 62.28 | 37.36 | 74.00 | 25.64 | 286 | 122 | Peak | Horizontal | |
| 3 | 2483.58 | 63.51 | 26.03 | 37.48 | 74.00 | -10.49 | 286 | 122 | Peak | Horizontal | |

### Middle Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

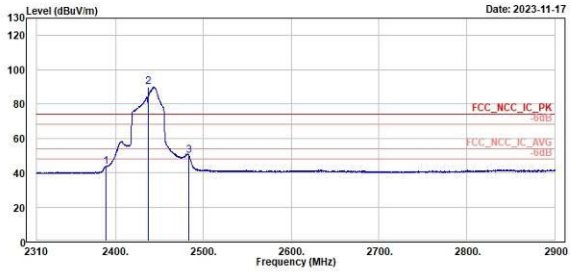



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2388.59 | 58.36 | 21.26 | 37.10 | 74.00 | -15.64 | 100 | 71 | Peak | Vertical | |
| 2 * | 2437.00 | 99.43 | 62.07 | 37.36 | 74.00 | 25.43 | 100 | 71 | Peak | Vertical | |
| 3 | 2483.93 | 64.84 | 27.35 | 37.49 | 74.00 | -9.16 | 100 | 71 | Peak | Vertical | |

## 802.11ac VHT40

### Middle Channel (Horizontal) Average

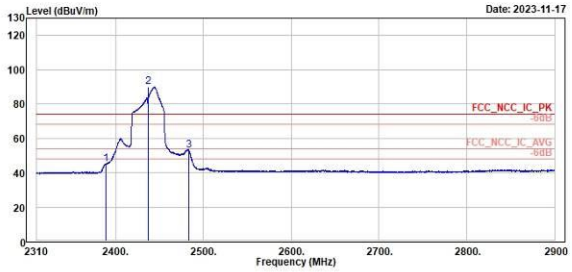
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2389.06 | 43.66 | 6.56 | 37.10 | 54.00 | -10.34 | 286 | 122 | Average | Horizontal | |
| 2 * | 2437.00 | 89.86 | 52.50 | 37.36 | 54.00 | 35.86 | 286 | 122 | Average | Horizontal | |
| 3 ! | 2483.50 | 49.97 | 12.49 | 37.48 | 54.00 | -4.03 | 286 | 122 | Average | Horizontal | |

### Middle Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

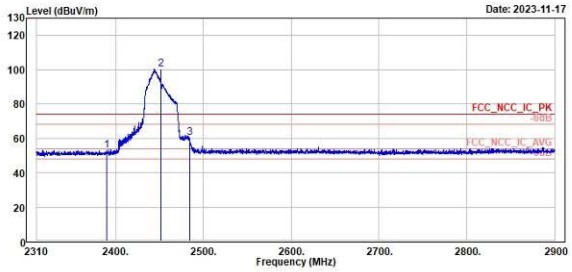



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2389.06 | 45.20 | 8.10 | 37.10 | 54.00 | -8.80 | 100 | 71 | Average | Vertical | |
| 2 * | 2437.00 | 89.78 | 52.42 | 37.36 | 54.00 | 35.78 | 100 | 71 | Average | Vertical | |
| 3 ! | 2483.58 | 52.76 | 15.28 | 37.48 | 54.00 | -1.24 | 100 | 71 | Average | Vertical | |

## 802.11ac VHT40

### High Channel (Horizontal) Peak

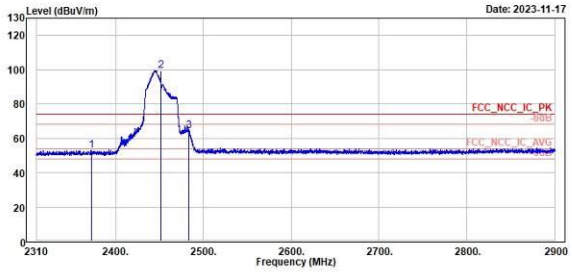
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2390.00 | 52.86 | 15.76 | 37.10 | 74.00 | -21.14 | 289 | 121 | Peak | Horizontal | |
| 2 * | 2452.00 | 100.18 | 62.72 | 37.46 | 74.00 | 26.18 | 289 | 121 | Peak | Horizontal | |
| 3 | 2484.05 | 60.31 | 22.82 | 37.49 | 74.00 | -13.69 | 289 | 121 | Peak | Horizontal | |

### High Channel (Vertical) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

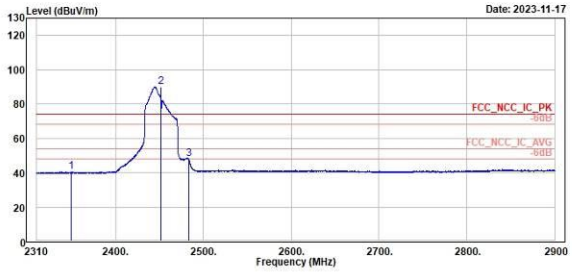



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2372.54 | 52.85 | 15.77 | 37.08 | 74.00 | -21.15 | 100 | 70 | Peak | Vertical | |
| 2 * | 2452.00 | 99.47 | 62.01 | 37.46 | 74.00 | 25.47 | 100 | 70 | Peak | Vertical | |
| 3 | 2483.58 | 64.16 | 26.68 | 37.48 | 74.00 | -9.84 | 100 | 70 | Peak | Vertical | |

## 802.11ac VHT40

### High Channel (Horizontal) Average

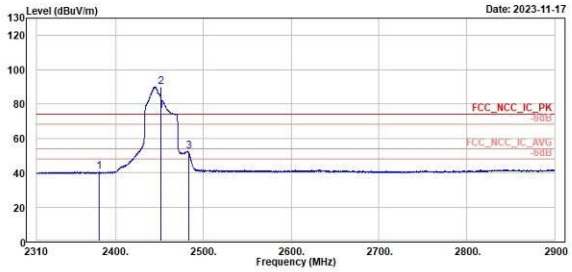
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2349.29 | 40.53 | 3.47 | 37.06 | 54.00 | -13.47 | 289 | 121 | Average | Horizontal | |
| 2 * | 2452.00 | 90.01 | 52.55 | 37.46 | 54.00 | 36.01 | 289 | 121 | Average | Horizontal | |
| 3 | 2483.58 | 47.71 | 10.23 | 37.48 | 54.00 | -6.29 | 289 | 121 | Average | Horizontal | |

### High Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



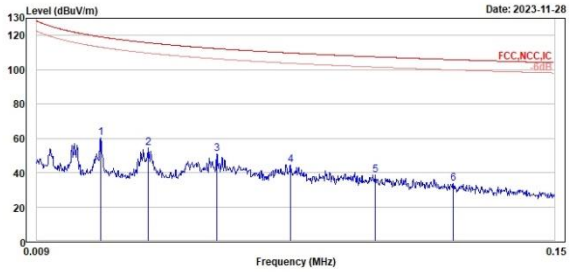

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2381.15 | 40.39 | 3.30 | 37.09 | 54.00 | -13.61 | 100 | 70 | Average | Vertical | |
| 2 * | 2452.00 | 90.04 | 52.58 | 37.46 | 54.00 | 36.04 | 100 | 70 | Average | Vertical | |
| 3 ! | 2483.50 | 52.51 | 15.03 | 37.48 | 54.00 | -1.49 | 100 | 70 | Average | Vertical | |

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

### 802.11g

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

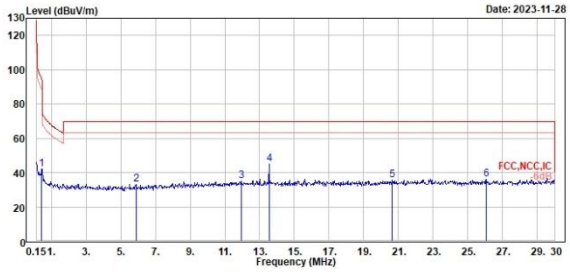
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao..Linkou Dist..New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 0.03 | 60.14 | 41.19 | 18.95 | 119.13 | -58.99 | 100 | 192 | Peak | Open | |
| 2 | 0.04 | 54.58 | 35.42 | 19.16 | 115.67 | -61.09 | 100 | 144 | Peak | Open | |
| 3 | 0.06 | 50.69 | 31.76 | 18.93 | 112.32 | -61.63 | 100 | 144 | Peak | Open | |
| 4 | 0.08 | 44.69 | 26.24 | 18.45 | 109.74 | -65.05 | 100 | 191 | Peak | Open | |
| 5 | 0.10 | 38.53 | 20.60 | 17.93 | 107.49 | -68.96 | 100 | 132 | Peak | Open | |
| 6 | 0.12 | 33.71 | 15.69 | 18.02 | 105.84 | -72.13 | 100 | 160 | Peak | Open | |

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

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao..Linkou Dist..New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



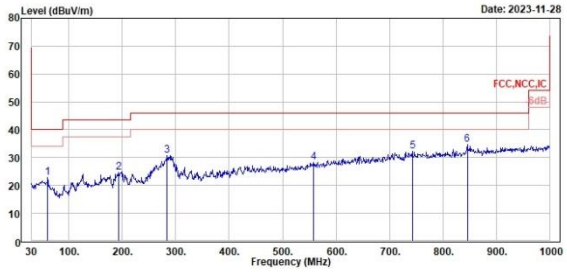

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 0.45 | 42.22 | 23.40 | 18.82 | 94.57 | -52.35 | 100 | 170 | Peak | Open | |
| 2 | 5.88 | 32.90 | 13.04 | 19.86 | 69.50 | -36.60 | 100 | 212 | Peak | Open | |
| 3 | 11.94 | 34.86 | 13.16 | 21.70 | 69.50 | -34.64 | 100 | 245 | Peak | Open | |
| 4 | 13.55 | 44.88 | 23.08 | 21.80 | 69.50 | -24.62 | 100 | 360 | Peak | Open | |
| 5 | 20.66 | 35.58 | 13.33 | 22.25 | 69.50 | -33.92 | 100 | 40 | Peak | Open | |
| 6 | 26.06 | 35.97 | 13.68 | 22.29 | 69.50 | -33.53 | 100 | 166 | Peak | Open | |

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

### 802.11g

#### Middle Channel (Horizontal)

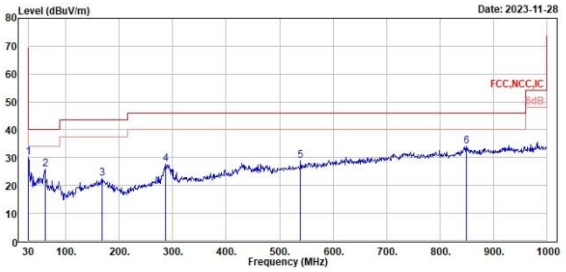
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 60.07 | 22.69 | 30.37 | -7.68 | 40.00 | -17.31 | 100 | 322 | Peak | Horizontal | |
| 2 | 192.96 | 24.60 | 33.92 | -9.32 | 43.50 | -18.90 | 195 | 360 | Peak | Horizontal | |
| 3 | 284.14 | 30.70 | 37.57 | -6.87 | 46.00 | -15.30 | 100 | 104 | Peak | Horizontal | |
| 4 | 557.68 | 28.25 | 29.23 | -0.98 | 46.00 | -17.75 | 100 | 316 | Peak | Horizontal | |
| 5 | 742.95 | 32.26 | 29.87 | 2.39 | 46.00 | -13.74 | 200 | 82 | Peak | Horizontal | |
| 6 | 845.77 | 34.62 | 30.92 | 3.70 | 46.00 | -11.38 | 200 | 336 | Peak | Horizontal | |

#### Middle Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



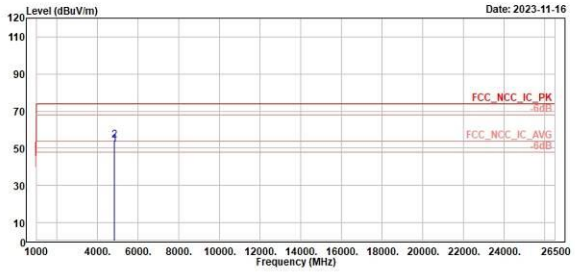

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 30.00 | 30.09 | 38.99 | -8.90 | 40.00 | -9.91 | 100 | 160 | Peak | Vertical | |
| 2 | 61.04 | 25.75 | 33.71 | -7.96 | 40.00 | -14.25 | 200 | 360 | Peak | Vertical | |
| 3 | 167.74 | 22.52 | 29.52 | -7.00 | 43.50 | -20.98 | 233 | 100 | Peak | Vertical | |
| 4 | 286.08 | 27.79 | 34.63 | -6.84 | 46.00 | -18.21 | 200 | 36 | Peak | Vertical | |
| 5 | 539.25 | 28.90 | 30.92 | -2.02 | 46.00 | -17.10 | 300 | 113 | Peak | Vertical | |
| 6 | 849.65 | 34.13 | 30.49 | 3.64 | 46.00 | -11.87 | 200 | 160 | Peak | Vertical | |

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

### 802.11b

#### Low Channel (Horizontal)

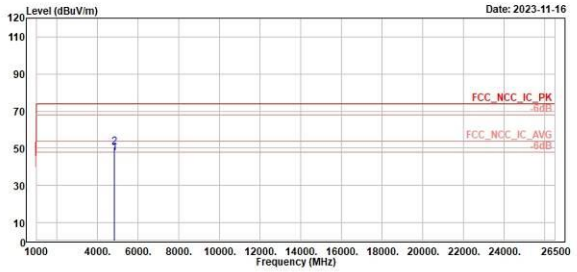
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 4824.00 | 52.14 | 62.48 | -10.34 | 54.00 | -1.86 | 300 | 353 | Average | Horizontal | |
| 2 | 4824.00 | 54.22 | 64.56 | -10.34 | 74.00 | -19.78 | 300 | 353 | Peak | Horizontal | |

#### Low Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

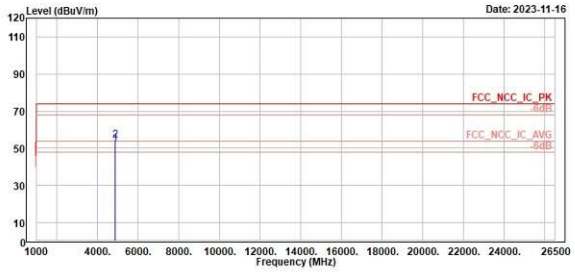



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4824.00 | 47.46 | 57.80 | -10.34 | 54.00 | -6.54 | 100 | 91 | Average | Vertical | |
| 2 | 4824.00 | 50.74 | 61.08 | -10.34 | 74.00 | -23.26 | 100 | 91 | Peak | Vertical | |

## 802.11b

### Middle Channel (Horizontal)

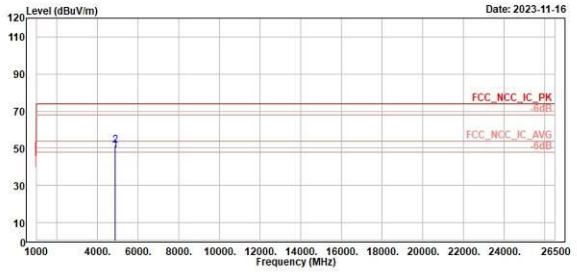
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 4874.00 | 52.41 | 62.74 | -10.33 | 54.00 | -1.59 | 312 | 353 | Average | Horizontal | |
| 2 | 4874.00 | 54.52 | 64.85 | -10.33 | 74.00 | -19.48 | 312 | 353 | Peak | Horizontal | |

### Middle Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

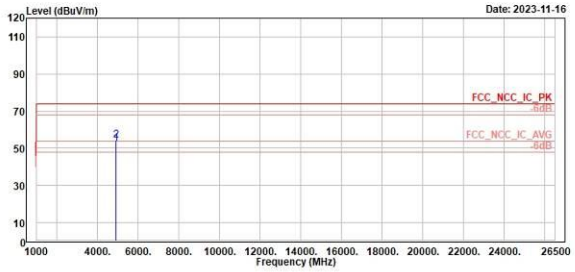



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 4874.00 | 48.60 | 58.93 | -10.33 | 54.00 | -5.40 | 100 | 89 | Average | Vertical | |
| 2 | 4874.00 | 51.37 | 61.70 | -10.33 | 74.00 | -22.63 | 100 | 89 | Peak | Vertical | |

## 802.11b

### High Channel (Horizontal)

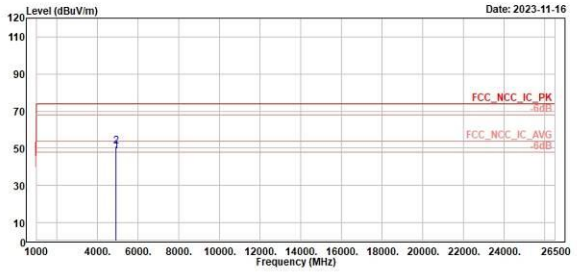
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 4924.00 | 52.39 | 62.70 | -10.31 | 54.00 | -1.61 | 100 | 325 | Average | Horizontal | |
| 2 | 4924.00 | 54.49 | 64.80 | -10.31 | 74.00 | -19.51 | 100 | 325 | Peak | Horizontal | |

### High Channel (Vertical)

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

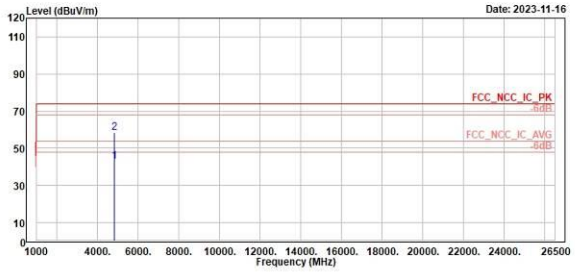



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 ! | 4924.00 | 48.51 | 58.82 | -10.31 | 54.00 | -5.49 | 100 | 86 | Average | Vertical | |
| 2 | 4924.00 | 51.27 | 61.58 | -10.31 | 74.00 | -22.73 | 100 | 86 | Peak | Vertical | |

## 802.11g

### Low Channel (Horizontal)

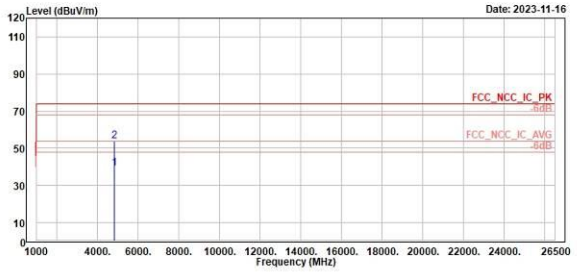
TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4824.00 | 43.11 | 53.45 | -10.34 | 54.00 | -10.89 | 100 | 327 | Average | Horizontal | |
| 2 | 4824.00 | 58.18 | 68.52 | -10.34 | 74.00 | -15.82 | 100 | 327 | Peak | Horizontal | |

### Low Channel (Vertical)

TUV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

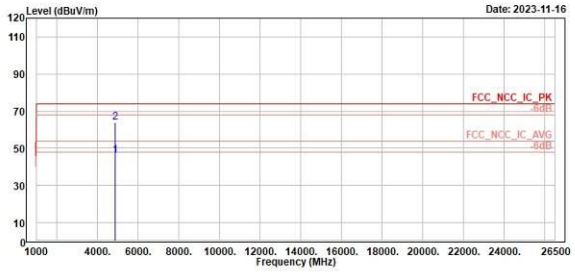



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4824.00 | 39.10 | 49.44 | -10.34 | 54.00 | -14.90 | 100 | 92 | Average | Vertical | |
| 2 | 4824.00 | 53.61 | 63.95 | -10.34 | 74.00 | -20.39 | 100 | 92 | Peak | Vertical | |

## 802.11g

### Middle Channel (Horizontal)

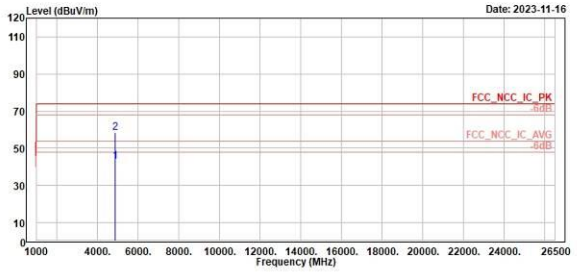
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 46.21 | 56.54 | -10.33 | 54.00 | -7.79 | 311 | 354 | Average | Horizontal | |
| 2 | 4874.00 | 64.08 | 74.41 | -10.33 | 74.00 | -9.92 | 311 | 354 | Peak | Horizontal | |

### Middle Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

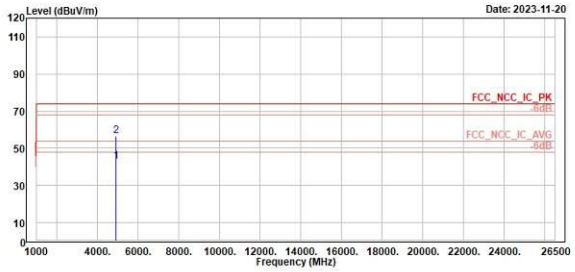



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 42.91 | 53.24 | -10.33 | 54.00 | -11.09 | 112 | 90 | Average | Vertical | |
| 2 | 4874.00 | 58.39 | 68.72 | -10.33 | 74.00 | -15.61 | 112 | 90 | Peak | Vertical | |

## 802.11g

### High Channel (Horizontal)

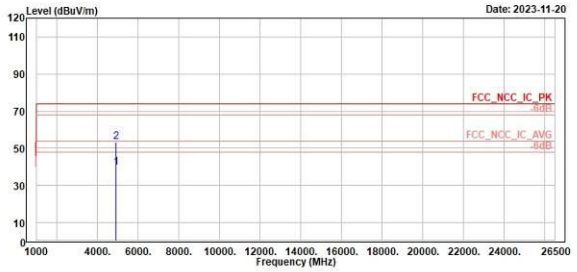
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4924.00 | 42.83 | 53.14 | -10.31 | 54.00 | -11.17 | 132 | 329 | Average | Horizontal | |
| 2 | 4924.00 | 56.42 | 66.73 | -10.31 | 74.00 | -17.58 | 132 | 329 | Peak | Horizontal | |

### High Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

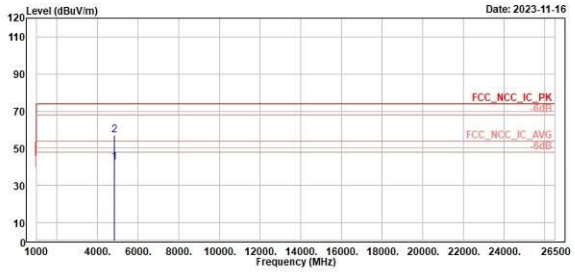



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4924.00 | 39.52 | 49.83 | -10.31 | 54.00 | -14.48 | 105 | 85 | Average | Vertical | |
| 2 | 4924.00 | 53.53 | 63.84 | -10.31 | 74.00 | -20.47 | 105 | 85 | Peak | Vertical | |

## 802.11ac VHT20

### Low Channel (Horizontal)

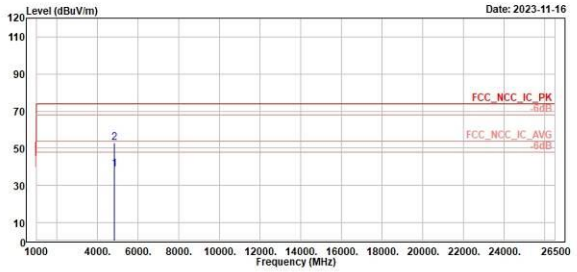
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4824.00 | 42.30 | 52.64 | -10.34 | 54.00 | -11.70 | 336 | 350 | Average | Horizontal | |
| 2 | 4824.00 | 56.81 | 67.15 | -10.34 | 74.00 | -17.19 | 336 | 350 | Peak | Horizontal | |

### Low Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

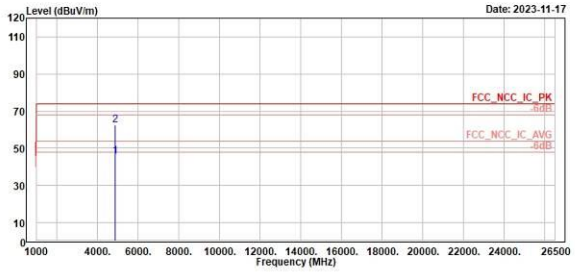



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4824.00 | 38.99 | 49.33 | -10.34 | 54.00 | -15.01 | 110 | 95 | Average | Vertical | |
| 2 | 4824.00 | 52.96 | 63.30 | -10.34 | 74.00 | -21.04 | 110 | 95 | Peak | Vertical | |

## 802.11ac VHT20

### Middle Channel (Horizontal)

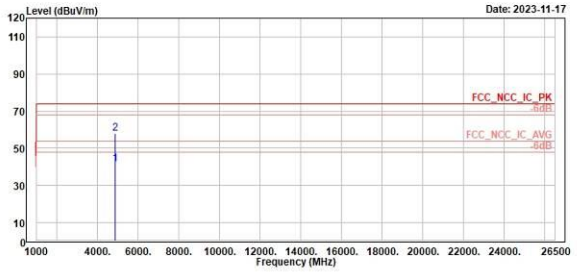
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 45.50 | 55.83 | -10.33 | 54.00 | -8.50 | 312 | 352 | Average | Horizontal | |
| 2 | 4874.00 | 62.40 | 72.73 | -10.33 | 74.00 | -11.60 | 312 | 352 | Peak | Horizontal | |

### Middle Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

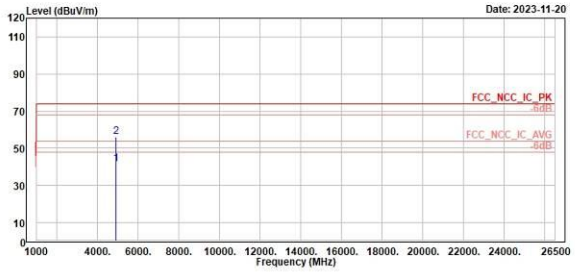



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 41.66 | 51.99 | -10.33 | 54.00 | -12.34 | 110 | 89 | Average | Vertical | |
| 2 | 4874.00 | 57.73 | 68.06 | -10.33 | 74.00 | -16.27 | 110 | 89 | Peak | Vertical | |

## 802.11ac VHT20

### High Channel (Horizontal)

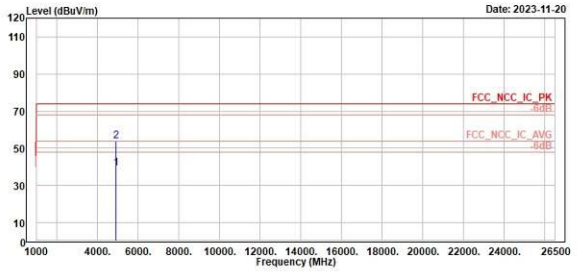
TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4924.00 | 41.65 | 51.96 | -10.31 | 54.00 | -12.35 | 388 | 350 | Average | Horizontal | |
| 2 | 4924.00 | 56.13 | 66.44 | -10.31 | 74.00 | -17.87 | 388 | 350 | Peak | Horizontal | |

### High Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18,Sec 2,Fenliao.,Linkou Dist.,New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

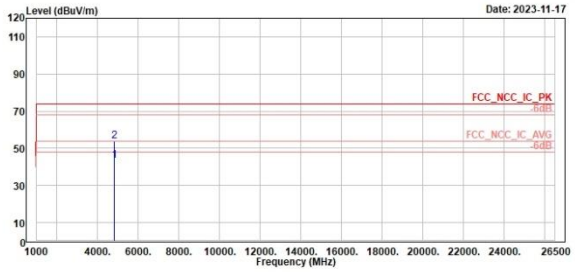



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4924.00 | 39.27 | 49.58 | -10.31 | 54.00 | -14.73 | 106 | 85 | Average | Vertical | |
| 2 | 4924.00 | 53.86 | 64.17 | -10.31 | 74.00 | -20.14 | 106 | 85 | Peak | Vertical | |

## 802.11ac VHT40

### Low Channel (Horizontal)

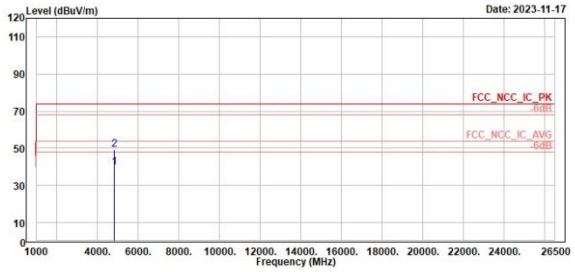
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4844.00 | 43.41 | 53.68 | -10.27 | 54.00 | -10.59 | 100 | 327 | Average | Horizontal | |
| 2 | 4844.00 | 53.77 | 64.04 | -10.27 | 74.00 | -20.23 | 100 | 327 | Peak | Horizontal | |

### Low Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

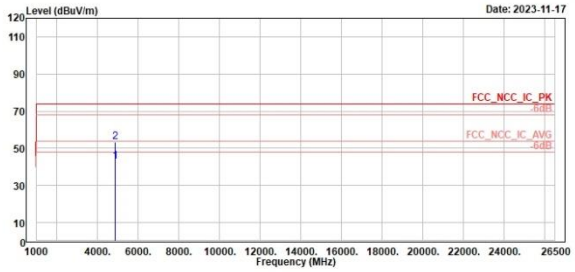



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4844.00 | 39.53 | 49.80 | -10.27 | 54.00 | -14.47 | 100 | 98 | Average | Vertical | |
| 2 | 4844.00 | 49.41 | 59.68 | -10.27 | 74.00 | -24.59 | 100 | 98 | Peak | Vertical | |

## 802.11ac VHT40

### Middle Channel (Horizontal)

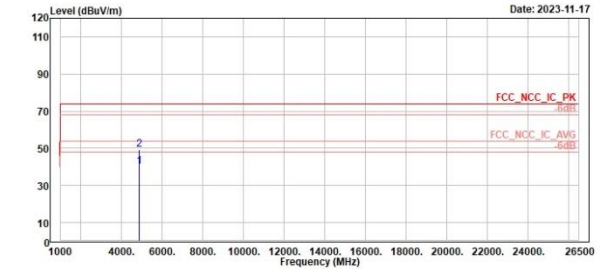
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 43.10 | 53.43 | -10.33 | 54.00 | -10.90 | 100 | 328 | Average | Horizontal | |
| 2 | 4874.00 | 53.41 | 63.74 | -10.33 | 74.00 | -20.59 | 100 | 328 | Peak | Horizontal | |

### Middle Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322

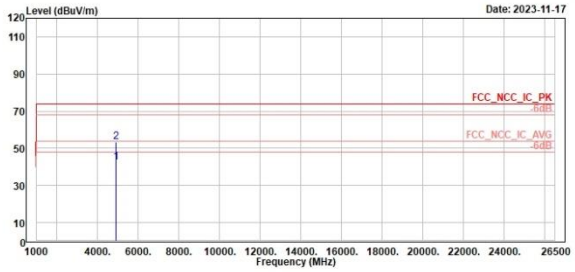



| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 40.21 | 50.54 | -10.33 | 54.00 | -13.79 | 100 | 89 | Average | Vertical | |
| 2 | 4874.00 | 49.49 | 59.82 | -10.33 | 74.00 | -24.51 | 100 | 89 | Peak | Vertical | |

## 802.11ac VHT40

### High Channel (Horizontal)

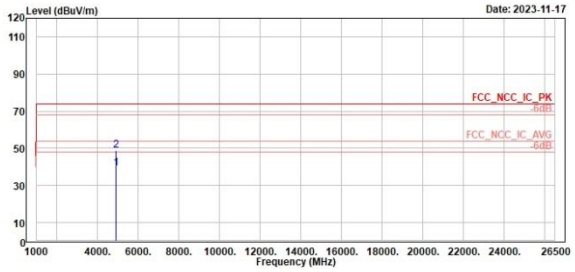
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4904.00 | 42.45 | 52.82 | -10.37 | 54.00 | -11.55 | 100 | 332 | Average | Horizontal | |
| 2 | 4904.00 | 53.57 | 63.94 | -10.37 | 74.00 | -20.43 | 100 | 332 | Peak | Horizontal | |

### High Channel (Vertical)

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



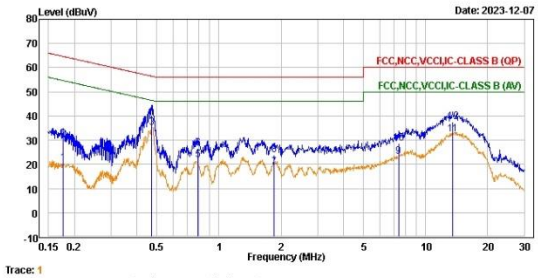

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4904.00 | 39.21 | 49.58 | -10.37 | 54.00 | -14.79 | 112 | 90 | Average | Vertical | |
| 2 | 4904.00 | 48.97 | 59.34 | -10.37 | 74.00 | -25.03 | 112 | 90 | Peak | Vertical | |

## Mains Conducted Emission, 150kHz ~ 30MHz

### Worst Band

### (Line)

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322




Trace: 1

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dBuV | dB | dBuV | dB | | | |
| 1 | 0.18 | 20.30 | 10.68 | 9.62 | 54.68 | -34.38 | Average | line1 | |
| 2 | 0.18 | 30.39 | 20.77 | 9.62 | 64.68 | -34.29 | QP | line1 | |
| 3 | 0.47 | 35.08 | 25.45 | 9.63 | 46.44 | -11.36 | Average | line1 | |
| 4 | 0.47 | 40.40 | 30.77 | 9.63 | 56.44 | -16.04 | QP | line1 | |
| 5 | 0.79 | 21.66 | 12.02 | 9.64 | 46.00 | -24.34 | Average | line1 | |
| 6 | 0.79 | 26.65 | 17.01 | 9.64 | 56.00 | -29.35 | QP | line1 | |
| 7 | 1.84 | 18.83 | 9.17 | 9.66 | 46.00 | -27.17 | Average | line1 | |
| 8 | 1.84 | 23.93 | 14.27 | 9.66 | 56.00 | -32.07 | QP | line1 | |
| 9 | 7.39 | 23.18 | 13.45 | 9.73 | 50.00 | -26.82 | Average | line1 | |
| 10 | 7.39 | 28.60 | 18.87 | 9.73 | 60.00 | -31.40 | QP | line1 | |
| 11 | 13.51 | 32.54 | 22.78 | 9.76 | 50.00 | -17.46 | Average | line1 | |
| 12 | 13.51 | 37.59 | 27.83 | 9.76 | 60.00 | -22.41 | QP | line1 | |

### (Neutral)

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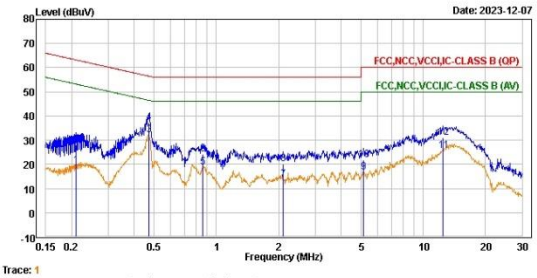


Trace: 1

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | Remark | Pol/Phase | Note |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dBuV | dB | dBuV | dB | | | |
| 1 | 0.21 | 19.59 | 9.97 | 9.62 | 53.18 | -33.59 | Average | neutral | |
| 2 | 0.21 | 28.12 | 18.50 | 9.62 | 63.18 | -35.06 | QP | neutral | |
| 3 | 0.47 | 32.25 | 22.62 | 9.63 | 46.44 | -14.19 | Average | neutral | |
| 4 | 0.47 | 37.33 | 27.70 | 9.63 | 56.44 | -19.11 | QP | neutral | |
| 5 | 0.86 | 18.87 | 9.23 | 9.64 | 46.00 | -27.13 | Average | neutral | |
| 6 | 0.86 | 24.16 | 14.52 | 9.64 | 56.00 | -31.84 | QP | neutral | |
| 7 | 2.11 | 13.48 | 3.82 | 9.66 | 46.00 | -32.52 | Average | neutral | |
| 8 | 2.11 | 20.11 | 10.45 | 9.66 | 56.00 | -35.89 | QP | neutral | |
| 9 | 5.14 | 16.75 | 7.03 | 9.72 | 50.00 | -33.25 | Average | neutral | |
| 10 | 5.14 | 21.83 | 12.11 | 9.72 | 60.00 | -38.17 | QP | neutral | |
| 11 | 12.48 | 25.64 | 15.83 | 9.81 | 50.00 | -24.36 | Average | neutral | |
| 12 | 12.48 | 31.16 | 21.35 | 9.81 | 60.00 | -28.84 | QP | neutral | |