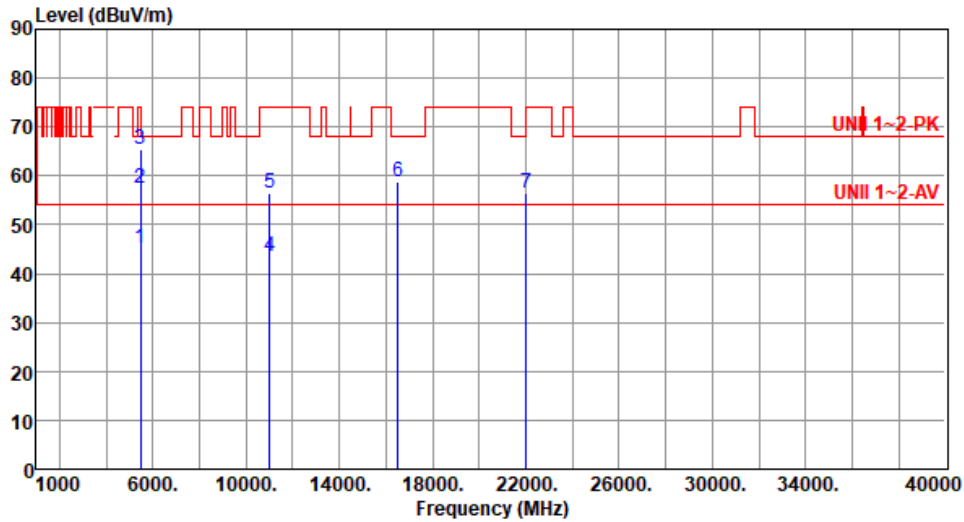




| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 45.21 | 54.00 | -8.79 | 44.63 | 0.58 | Average | 216 | 286 |
| 2 | 5460.00 | 57.48 | 74.00 | -16.52 | 56.90 | 0.58 | Peak | 216 | 286 |
| 3 | 5470.00 | 65.48 | 68.20 | -2.72 | 64.89 | 0.59 | Peak | 216 | 286 |
| 4 | 11000.00 | 43.54 | 54.00 | -10.46 | 34.33 | 9.21 | Average | 100 | 131 |
| 5 | 11000.00 | 56.55 | 74.00 | -17.45 | 47.34 | 9.21 | Peak | 100 | 131 |
| 6 | 16500.00 | 58.62 | 68.20 | -9.58 | 51.63 | 6.99 | Peak | 100 | 22 |
| 7 | 22000.00 | 56.42 | 68.20 | -11.78 | 51.40 | 5.02 | Peak | 127 | 27 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|--|---------------|-------------------------|--------|----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5500 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| <p>The plot shows emission levels across a frequency range from 1000 to 40000 MHz. A red line indicates the UNII 1-2-AV limit at approximately 54 dBuV/m. A red line with a downward arrow indicates the UNII 1-2-PK limit at approximately 70 dBuV/m. Seven specific points are marked with blue vertical lines and numbered 1 through 7.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 45.30 | 54.00 | -8.70 | 44.72 | 0.58 | Average | 207 | 121 |
| 2 | 5460.00 | 59.27 | 74.00 | -14.73 | 58.69 | 0.58 | Peak | 207 | 121 |
| 3 | 5470.00 | 63.18 | 68.20 | -5.02 | 62.59 | 0.59 | Peak | 207 | 121 |
| 4 | 11000.00 | 43.49 | 54.00 | -10.51 | 34.28 | 9.21 | Average | 100 | 122 |
| 5 | 11000.00 | 56.50 | 74.00 | -17.50 | 47.29 | 9.21 | Peak | 100 | 122 |
| 6 | 16500.00 | 58.65 | 68.20 | -9.55 | 51.66 | 6.99 | Peak | 100 | 117 |
| 7 | 22000.00 | 54.65 | 68.20 | -13.55 | 49.63 | 5.02 | Peak | 253 | 72 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



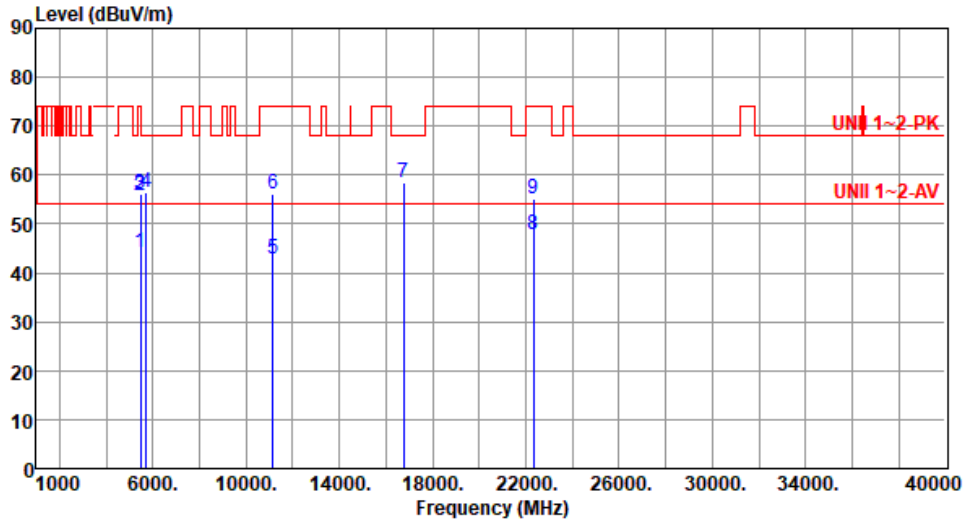
| | | | | | | | | | |
|---------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5580 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Sean Yu | | Temperature(°C): 24 | | Humidity(%): 62 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 44.15 | 54.00 | -9.85 | 43.57 | 0.58 | Average | 132 | 106 |
| 2 | 5460.00 | 56.36 | 74.00 | -17.64 | 55.78 | 0.58 | Peak | 132 | 106 |
| 3 | 5470.00 | 56.72 | 68.20 | -11.48 | 56.13 | 0.59 | Peak | 132 | 106 |
| 4 | 5725.00 | 56.34 | 68.20 | -11.86 | 55.41 | 0.93 | Peak | 132 | 106 |
| 5 | 11160.00 | 43.04 | 54.00 | -10.96 | 34.31 | 8.73 | Average | 100 | 128 |
| 6 | 11160.00 | 55.94 | 74.00 | -18.06 | 47.21 | 8.73 | Peak | 100 | 128 |
| 7 | 16740.00 | 58.82 | 68.20 | -9.38 | 51.79 | 7.03 | Peak | 100 | 30 |
| 8 | 22320.00 | 49.97 | 54.00 | -4.03 | 44.43 | 5.54 | Average | 132 | 106 |
| 9 | 22320.00 | 56.36 | 74.00 | -17.64 | 50.82 | 5.54 | Peak | 132 | 106 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | | |

Test By :Sean Yu Temperature(°C):24 Humidity(%):62



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 44.02 | 54.00 | -9.98 | 43.44 | 0.58 | Average | 255 | 133 |
| 2 | 5460.00 | 55.70 | 74.00 | -18.30 | 55.12 | 0.58 | Peak | 255 | 133 |
| 3 | 5470.00 | 56.20 | 68.20 | -12.00 | 55.61 | 0.59 | Peak | 255 | 133 |
| 4 | 5725.00 | 56.40 | 68.20 | -11.80 | 55.47 | 0.93 | Peak | 255 | 133 |
| 5 | 11160.00 | 42.95 | 54.00 | -11.05 | 34.22 | 8.73 | Average | 100 | 103 |
| 6 | 11160.00 | 56.04 | 74.00 | -17.96 | 47.31 | 8.73 | Peak | 100 | 103 |
| 7 | 16740.00 | 58.50 | 68.20 | -9.70 | 51.47 | 7.03 | Peak | 100 | 115 |
| 8 | 22320.00 | 47.98 | 54.00 | -6.02 | 42.44 | 5.54 | Average | 251 | 79 |
| 9 | 22320.00 | 55.08 | 74.00 | -18.92 | 49.54 | 5.54 | Peak | 251 | 79 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

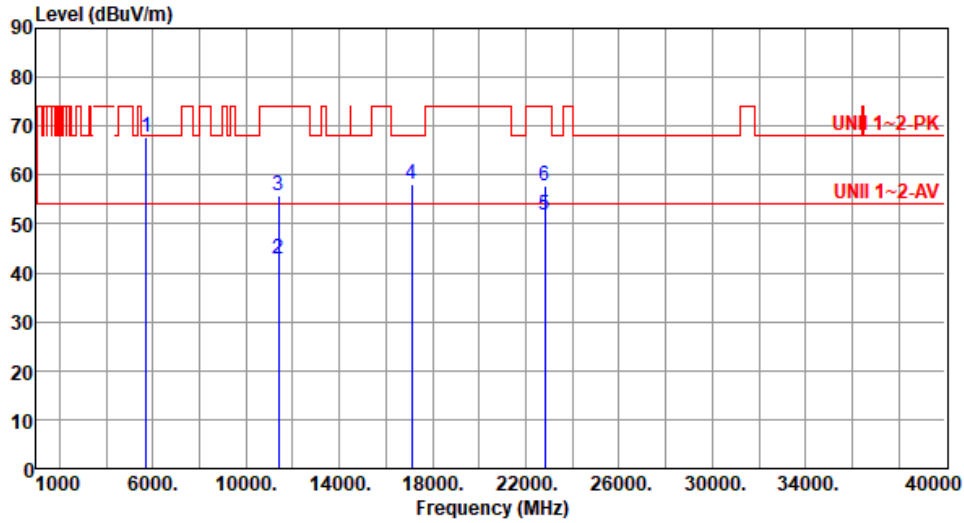
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5725.00 | 67.91 | 68.20 | -0.29 | 66.98 | 0.93 | Peak | 218 | 299 |
| 2 | 11400.00 | 42.80 | 54.00 | -11.20 | 34.24 | 8.56 | Average | 100 | 116 |
| 3 | 11400.00 | 55.87 | 74.00 | -18.13 | 47.31 | 8.56 | Peak | 100 | 116 |
| 4 | 17100.00 | 58.06 | 68.20 | -10.14 | 51.64 | 6.42 | Peak | 100 | 27 |
| 5 | 22800.00 | 51.93 | 54.00 | -2.07 | 45.36 | 6.57 | Average | 157 | 29 |
| 6 | 22800.00 | 57.92 | 74.00 | -16.08 | 51.35 | 6.57 | Peak | 157 | 29 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

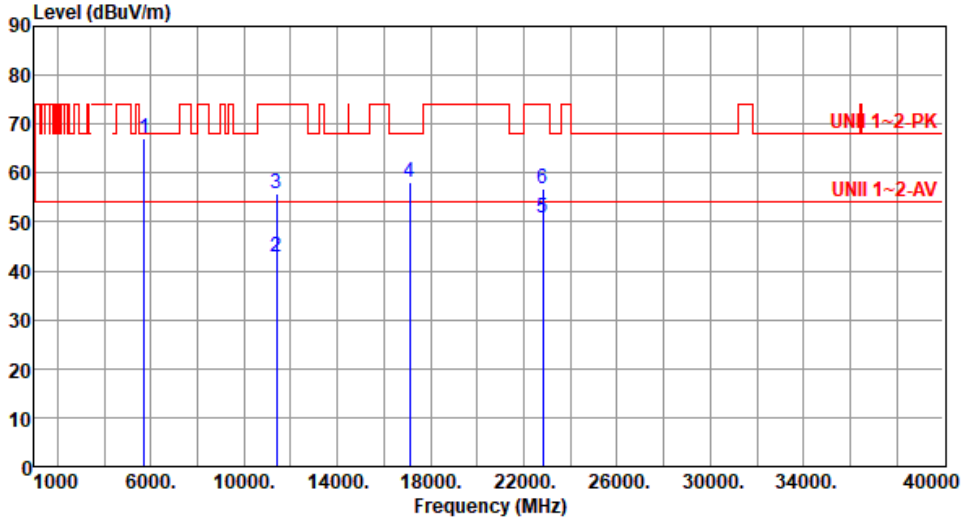
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5725.00 | 66.97 | 68.20 | -1.23 | 66.04 | 0.93 | Peak | 226 | 101 |
| 2 | 11400.00 | 42.98 | 54.00 | -11.02 | 34.42 | 8.56 | Average | 100 | 101 |
| 3 | 11400.00 | 55.82 | 74.00 | -18.18 | 47.26 | 8.56 | Peak | 100 | 101 |
| 4 | 17100.00 | 58.08 | 68.20 | -10.12 | 51.66 | 6.42 | Peak | 100 | 128 |
| 5 | 22800.00 | 50.69 | 54.00 | -3.31 | 44.12 | 6.57 | Average | 267 | 80 |
| 6 | 22800.00 | 56.63 | 74.00 | -17.37 | 50.06 | 6.57 | Peak | 267 | 80 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

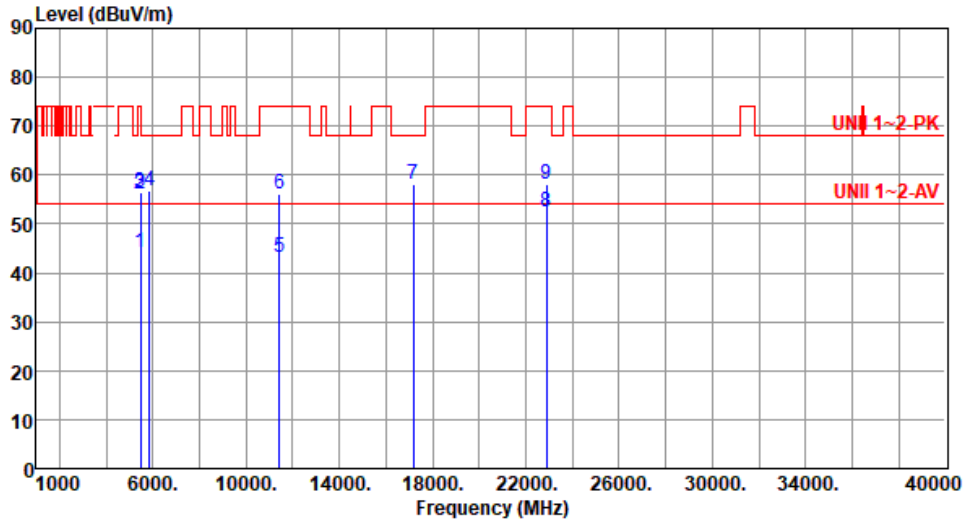
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 24 Humidity(%): 63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 44.25 | 54.00 | -9.75 | 43.67 | 0.58 | Average | 221 | 301 |
| 2 | 5460.00 | 56.21 | 74.00 | -17.79 | 55.63 | 0.58 | Peak | 221 | 301 |
| 3 | 5470.00 | 56.52 | 68.20 | -11.68 | 55.93 | 0.59 | Peak | 221 | 301 |
| 4 | 5850.00 | 56.69 | 68.20 | -11.51 | 55.45 | 1.24 | Peak | 221 | 301 |
| 5 | 11440.00 | 43.28 | 54.00 | -10.72 | 34.66 | 8.62 | Average | 100 | 125 |
| 6 | 11440.00 | 56.28 | 74.00 | -17.72 | 47.66 | 8.62 | Peak | 100 | 125 |
| 7 | 17160.00 | 58.04 | 68.20 | -10.16 | 51.75 | 6.29 | Peak | 100 | 108 |
| 8 | 22880.00 | 52.34 | 54.00 | -1.66 | 45.64 | 6.70 | Average | 159 | 29 |
| 9 | 22880.00 | 58.06 | 74.00 | -15.94 | 51.36 | 6.70 | Peak | 159 | 29 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

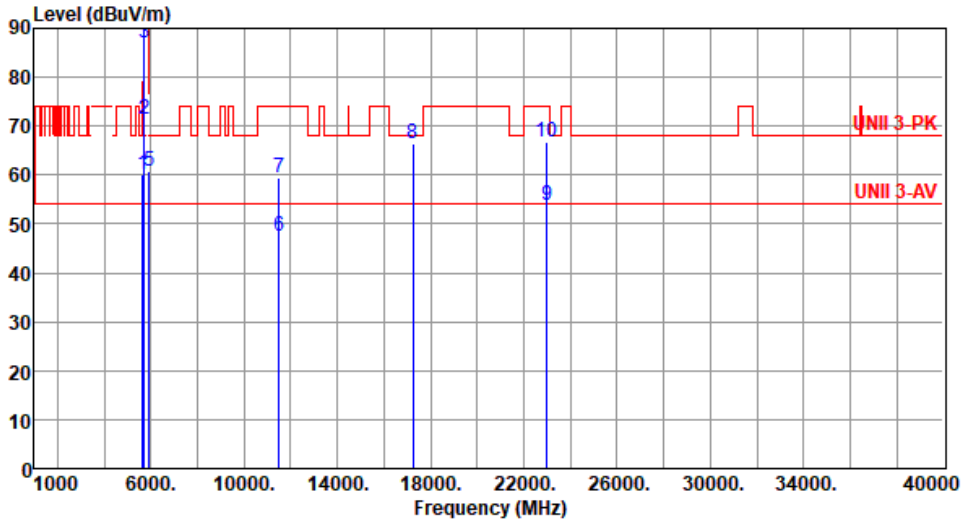


| | | | | | | | | | |
|--|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5720 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Sean Yu | | Temperature(°C): 24 | | Humidity(%): 63 | | | | | |
| <p>The spectrum plot displays the emission level in dBuV/m across a frequency range from 1000 to 40000 MHz. A red line represents the emission level, which fluctuates between approximately 60 and 75 dBuV/m. A horizontal red line at 54 dBuV/m is labeled 'UNII 1-2-AV'. Two other horizontal red lines are labeled 'UNII 1-2-PK' at approximately 70 dBuV/m and 'UNII 1-2-AV' at approximately 54 dBuV/m. Vertical blue lines indicate specific frequency points with their corresponding SA readings and factors.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 44.11 | 54.00 | -9.89 | 43.53 | 0.58 | Average | 257 | 129 |
| 2 | 5460.00 | 55.80 | 74.00 | -18.20 | 55.22 | 0.58 | Peak | 257 | 129 |
| 3 | 5470.00 | 56.24 | 68.20 | -11.96 | 55.65 | 0.59 | Peak | 257 | 129 |
| 4 | 5850.00 | 56.91 | 68.20 | -11.29 | 55.67 | 1.24 | Peak | 257 | 129 |
| 5 | 11440.00 | 43.17 | 54.00 | -10.83 | 34.55 | 8.62 | Average | 100 | 128 |
| 6 | 11440.00 | 56.24 | 74.00 | -17.76 | 47.62 | 8.62 | Peak | 100 | 128 |
| 7 | 17160.00 | 57.96 | 68.20 | -10.24 | 51.67 | 6.29 | Peak | 100 | 233 |
| 8 | 22880.00 | 51.55 | 54.00 | -2.45 | 44.85 | 6.70 | Average | 259 | 79 |
| 9 | 22880.00 | 57.02 | 74.00 | -16.98 | 50.32 | 6.70 | Peak | 259 | 79 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5745 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 24 Humidity(%): 62



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 60.11 | 68.20 | -8.09 | 59.57 | 0.54 | Peak | 214 | 300 |
| 2 | 5700.00 | 71.34 | 105.20 | -33.86 | 70.48 | 0.86 | Peak | 214 | 300 |
| 3 | 5720.00 | 86.85 | 110.80 | -23.95 | 85.94 | 0.91 | Peak | 214 | 300 |
| 4 | 5725.00 | 98.61 | 122.20 | -23.59 | 97.68 | 0.93 | Peak | 214 | 300 |
| 5 | 5925.00 | 60.68 | 68.20 | -7.52 | 59.19 | 1.49 | Peak | 214 | 300 |
| 6 | 11490.00 | 47.52 | 54.00 | -6.48 | 38.81 | 8.71 | Average | 111 | 329 |
| 7 | 11490.00 | 59.42 | 74.00 | -14.58 | 50.71 | 8.71 | Peak | 111 | 329 |
| 8 | 17235.00 | 66.57 | 68.20 | -1.63 | 60.31 | 6.26 | Peak | 174 | 34 |
| 9 | 22980.00 | 53.84 | 54.00 | -0.16 | 46.97 | 6.87 | Average | 168 | 35 |
| 10 | 22980.00 | 66.75 | 74.00 | -7.25 | 59.88 | 6.87 | Peak | 168 | 35 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

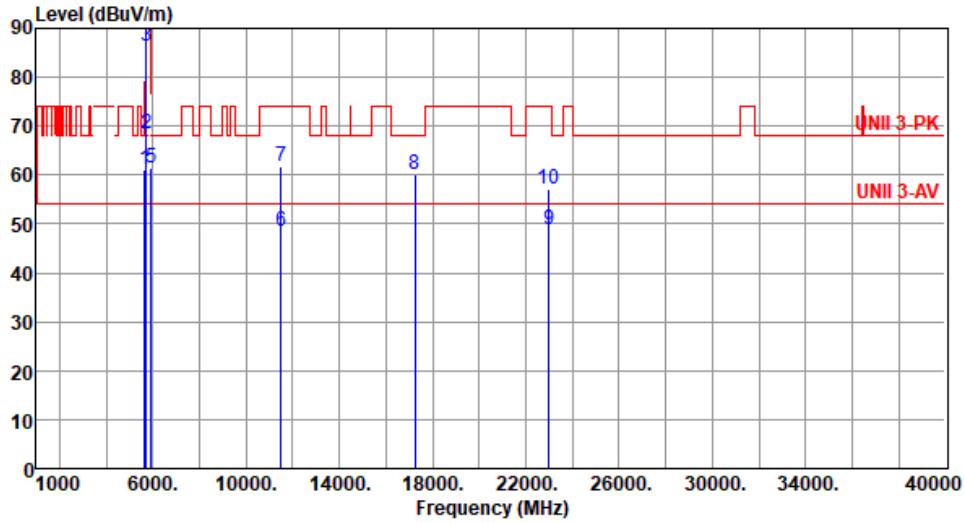
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5745 |
| Polarization | Vertical | | |

Test By : Sean Yu Temperature(°C): 24 Humidity(%): 62



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 61.24 | 68.20 | -6.96 | 60.70 | 0.54 | Peak | 167 | 50 |
| 2 | 5700.00 | 68.38 | 105.20 | -36.82 | 67.52 | 0.86 | Peak | 167 | 50 |
| 3 | 5720.00 | 86.49 | 110.80 | -24.31 | 85.58 | 0.91 | Peak | 167 | 50 |
| 4 | 5725.00 | 95.33 | 122.20 | -26.87 | 94.40 | 0.93 | Peak | 167 | 50 |
| 5 | 5925.00 | 61.50 | 68.20 | -6.70 | 60.01 | 1.49 | Peak | 167 | 50 |
| 6 | 11490.00 | 48.49 | 54.00 | -5.51 | 39.78 | 8.71 | Average | 166 | 351 |
| 7 | 11490.00 | 61.68 | 74.00 | -12.32 | 52.97 | 8.71 | Peak | 166 | 351 |
| 8 | 17235.00 | 60.17 | 68.20 | -8.03 | 53.91 | 6.26 | Peak | 131 | 72 |
| 9 | 22980.00 | 48.90 | 54.00 | -5.10 | 42.03 | 6.87 | Average | 267 | 80 |
| 10 | 22980.00 | 57.01 | 74.00 | -16.99 | 50.14 | 6.87 | Peak | 267 | 80 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

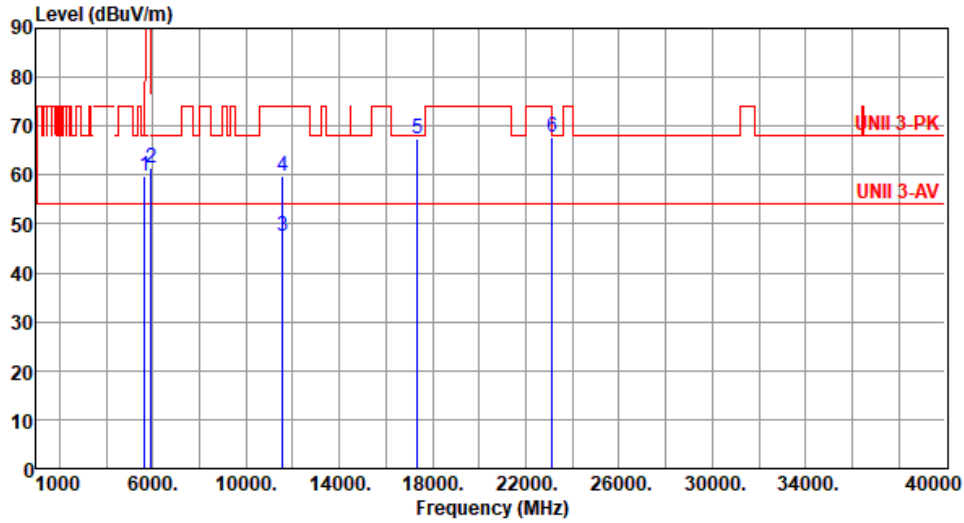
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 24 Humidity(%): 62



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 59.61 | 68.20 | -8.59 | 59.07 | 0.54 | Peak | 207 | 300 |
| 2 | 5925.00 | 61.29 | 68.20 | -6.91 | 59.80 | 1.49 | Peak | 207 | 300 |
| 3 | 11570.00 | 47.58 | 54.00 | -6.42 | 38.99 | 8.59 | Average | 137 | 331 |
| 4 | 11570.00 | 59.77 | 74.00 | -14.23 | 51.18 | 8.59 | Peak | 137 | 331 |
| 5 | 17355.00 | 67.36 | 68.20 | -0.84 | 60.78 | 6.58 | Peak | 166 | 34 |
| 6 | 23140.00 | 67.84 | 68.20 | -0.36 | 60.85 | 6.99 | Peak | 170 | 35 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

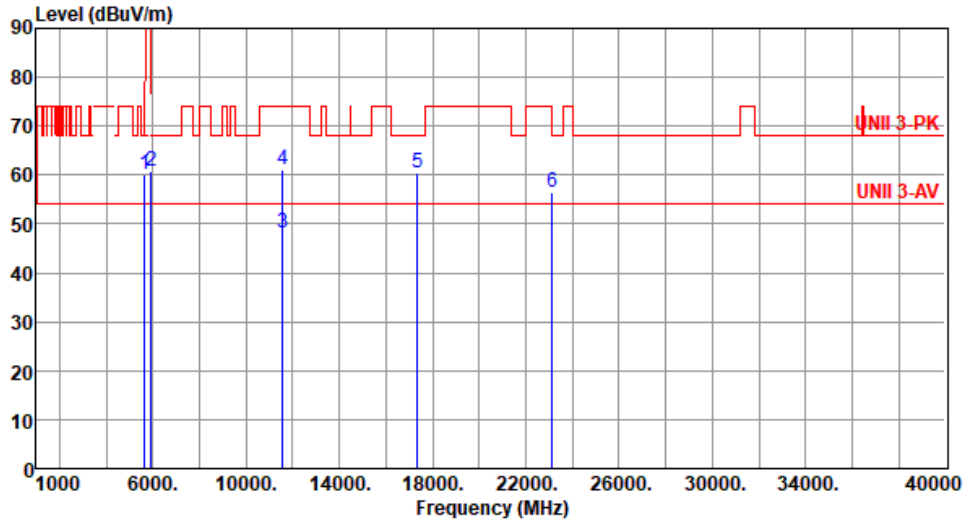
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5785 |
| Polarization | Vertical | | |

Test By : Sean Yu Temperature(°C): 24 Humidity(%): 62



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 60.26 | 68.20 | -7.94 | 59.72 | 0.54 | Peak | 178 | 52 |
| 2 | 5925.00 | 60.88 | 68.20 | -7.32 | 59.39 | 1.49 | Peak | 178 | 52 |
| 3 | 11570.00 | 48.20 | 54.00 | -5.80 | 39.61 | 8.59 | Average | 168 | 346 |
| 4 | 11570.00 | 61.19 | 74.00 | -12.81 | 52.60 | 8.59 | Peak | 168 | 346 |
| 5 | 17355.00 | 60.30 | 68.20 | -7.90 | 53.72 | 6.58 | Peak | 131 | 73 |
| 6 | 23140.00 | 56.49 | 68.20 | -11.71 | 49.50 | 6.99 | Peak | 271 | 80 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

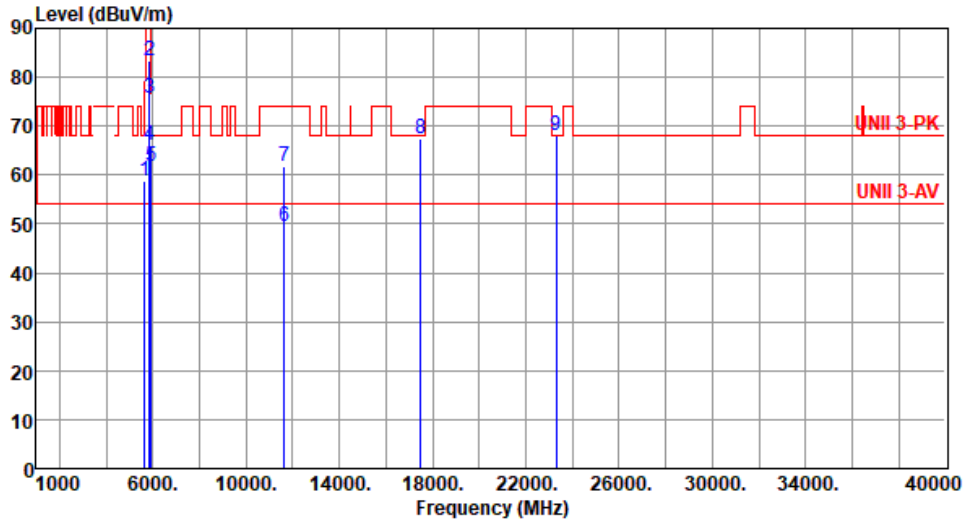
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5825 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 24 Humidity(%): 62



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 58.78 | 68.20 | -9.42 | 58.24 | 0.54 | Peak | 210 | 301 |
| 2 | 5850.00 | 83.24 | 122.20 | -38.96 | 82.00 | 1.24 | Peak | 210 | 301 |
| 3 | 5855.00 | 75.64 | 110.80 | -35.16 | 74.38 | 1.26 | Peak | 210 | 301 |
| 4 | 5875.00 | 66.04 | 105.20 | -39.16 | 64.68 | 1.36 | Peak | 210 | 301 |
| 5 | 5925.00 | 61.74 | 68.20 | -6.46 | 60.25 | 1.49 | Peak | 210 | 301 |
| 6 | 11650.00 | 49.47 | 54.00 | -4.53 | 41.24 | 8.23 | Average | 144 | 331 |
| 7 | 11650.00 | 61.86 | 74.00 | -12.14 | 53.63 | 8.23 | Peak | 144 | 331 |
| 8 | 17475.00 | 67.57 | 68.20 | -0.63 | 60.48 | 7.09 | Peak | 166 | 37 |
| 9 | 23300.00 | 68.03 | 68.20 | -0.17 | 60.94 | 7.09 | Peak | 166 | 36 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|---------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5825 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Sean Yu | | Temperature(°C): 24 | | Humidity(%): 62 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 59.38 | 68.20 | -8.82 | 58.84 | 0.54 | Peak | 177 | 51 |
| 2 | 5850.00 | 80.98 | 122.20 | -41.22 | 79.74 | 1.24 | Peak | 177 | 51 |
| 3 | 5855.00 | 74.00 | 110.80 | -36.80 | 72.74 | 1.26 | Peak | 177 | 51 |
| 4 | 5875.00 | 65.13 | 105.20 | -40.07 | 63.77 | 1.36 | Peak | 177 | 51 |
| 5 | 5925.00 | 60.99 | 68.20 | -7.21 | 59.50 | 1.49 | Peak | 177 | 51 |
| 6 | 11650.00 | 48.05 | 54.00 | -5.95 | 39.82 | 8.23 | Average | 172 | 341 |
| 7 | 11650.00 | 61.36 | 74.00 | -12.64 | 53.13 | 8.23 | Peak | 172 | 341 |
| 8 | 17475.00 | 61.01 | 68.20 | -7.19 | 53.92 | 7.09 | Peak | 133 | 75 |
| 9 | 23300.00 | 57.27 | 68.20 | -10.93 | 50.18 | 7.09 | Peak | 269 | 79 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE40-OFDMA

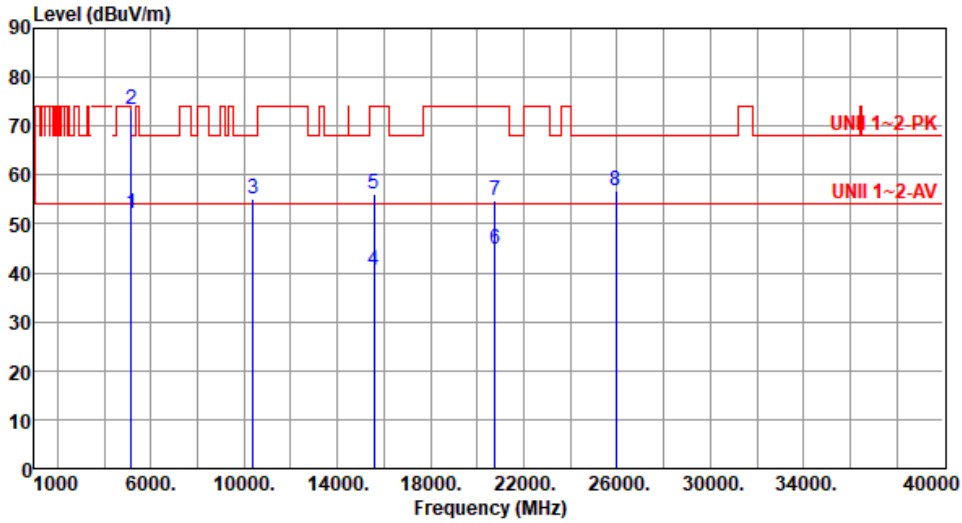
| | | | | | | | | | |
|--|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5190 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 52.51 | 54.00 | -1.49 | 51.69 | 0.82 | Average | 233 | 242 |
| 2 | 5150.00 | 73.67 | 74.00 | -0.33 | 72.85 | 0.82 | Peak | 233 | 242 |
| 3 | 10380.00 | 55.33 | 68.20 | -12.87 | 46.76 | 8.57 | Peak | 100 | 208 |
| 4 | 15570.00 | 40.37 | 54.00 | -13.63 | 34.51 | 5.86 | Average | 100 | 117 |
| 5 | 15570.00 | 56.14 | 74.00 | -17.86 | 50.28 | 5.86 | Peak | 100 | 117 |
| 6 | 20760.00 | 50.52 | 54.00 | -3.48 | 47.13 | 3.39 | Average | 129 | 26 |
| 7 | 20760.00 | 57.29 | 74.00 | -16.71 | 53.90 | 3.39 | Peak | 129 | 26 |
| 8 | 25950.00 | 60.70 | 68.20 | -7.50 | 52.48 | 8.22 | Peak | 133 | 65 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5190 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 52.13 | 54.00 | -1.87 | 51.31 | 0.82 | Average | 206 | 132 |
| 2 | 5150.00 | 73.48 | 74.00 | -0.52 | 72.66 | 0.82 | Peak | 206 | 132 |
| 3 | 10380.00 | 55.07 | 68.20 | -13.13 | 46.50 | 8.57 | Peak | 100 | 227 |
| 4 | 15570.00 | 40.48 | 54.00 | -13.52 | 34.62 | 5.86 | Average | 100 | 138 |
| 5 | 15570.00 | 56.19 | 74.00 | -17.81 | 50.33 | 5.86 | Peak | 100 | 138 |
| 6 | 20760.00 | 44.87 | 54.00 | -9.13 | 41.48 | 3.39 | Average | 100 | 72 |
| 7 | 20760.00 | 54.85 | 74.00 | -19.15 | 51.46 | 3.39 | Peak | 100 | 72 |
| 8 | 25950.00 | 56.81 | 68.20 | -11.39 | 48.59 | 8.22 | Peak | 100 | 27 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

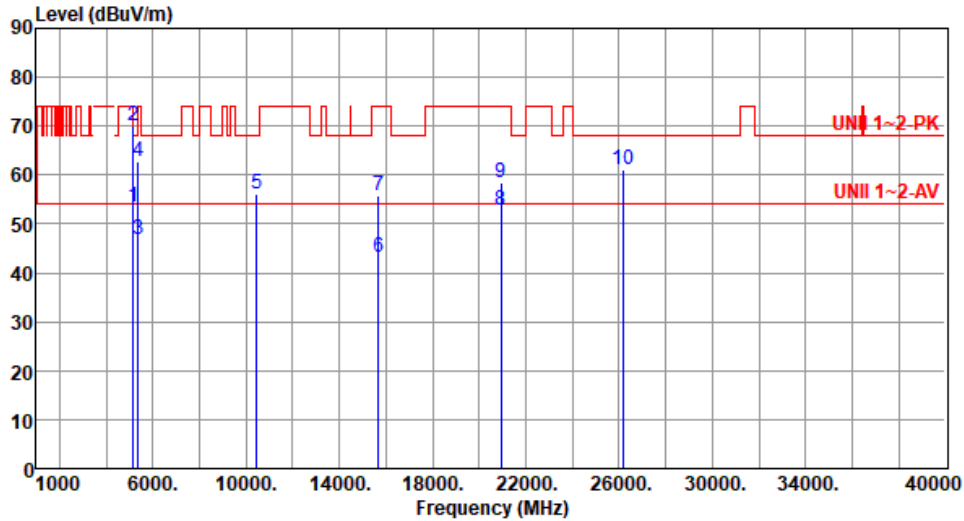
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 53.54 | 54.00 | -0.46 | 52.72 | 0.82 | Average | 232 | 244 |
| 2 | 5150.00 | 70.11 | 74.00 | -3.89 | 69.29 | 0.82 | Peak | 232 | 244 |
| 3 | 5350.00 | 46.90 | 54.00 | -7.10 | 46.76 | 0.14 | Average | 232 | 244 |
| 4 | 5350.00 | 62.69 | 74.00 | -11.31 | 62.55 | 0.14 | Peak | 232 | 244 |
| 5 | 10460.00 | 56.23 | 68.20 | -11.97 | 47.55 | 8.68 | Peak | 100 | 221 |
| 6 | 15690.00 | 43.18 | 54.00 | -10.82 | 37.43 | 5.75 | Average | 100 | 123 |
| 7 | 15690.00 | 55.75 | 74.00 | -18.25 | 50.00 | 5.75 | Peak | 100 | 123 |
| 8 | 20920.00 | 52.94 | 54.00 | -1.06 | 49.21 | 3.73 | Average | 125 | 27 |
| 9 | 20920.00 | 58.35 | 74.00 | -15.65 | 54.62 | 3.73 | Peak | 125 | 27 |
| 10 | 26150.00 | 61.04 | 68.20 | -7.16 | 52.66 | 8.38 | Peak | 134 | 65 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

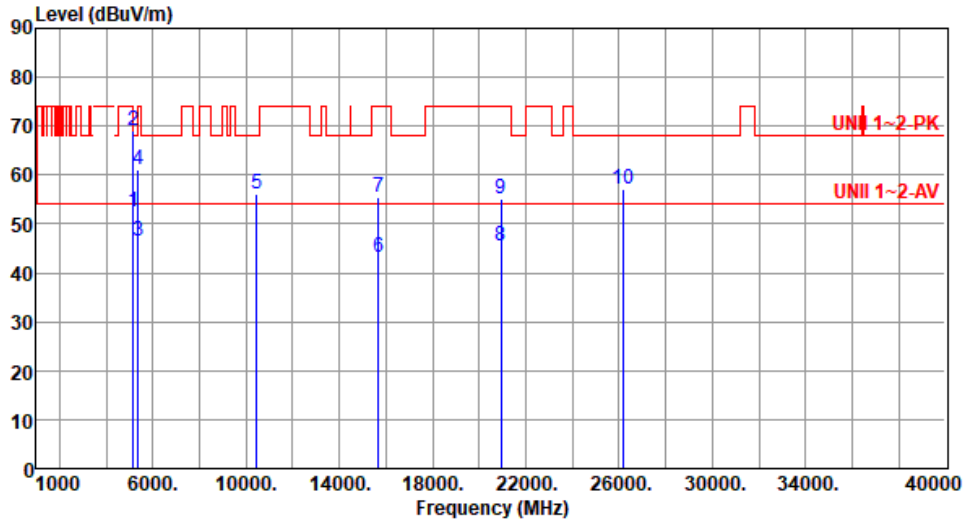
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 52.61 | 54.00 | -1.39 | 51.79 | 0.82 | Average | 205 | 132 |
| 2 | 5150.00 | 69.03 | 74.00 | -4.97 | 68.21 | 0.82 | Peak | 205 | 132 |
| 3 | 5350.00 | 46.61 | 54.00 | -7.39 | 46.47 | 0.14 | Average | 205 | 132 |
| 4 | 5350.00 | 61.16 | 74.00 | -12.84 | 61.02 | 0.14 | Peak | 205 | 132 |
| 5 | 10460.00 | 56.15 | 68.20 | -12.05 | 47.47 | 8.68 | Peak | 100 | 122 |
| 6 | 15690.00 | 43.22 | 54.00 | -10.78 | 37.47 | 5.75 | Average | 100 | 126 |
| 7 | 15690.00 | 55.36 | 74.00 | -18.64 | 49.61 | 5.75 | Peak | 100 | 126 |
| 8 | 20920.00 | 45.48 | 54.00 | -8.52 | 41.75 | 3.73 | Average | 100 | 72 |
| 9 | 20920.00 | 55.11 | 74.00 | -18.89 | 51.38 | 3.73 | Peak | 100 | 72 |
| 10 | 26150.00 | 57.01 | 68.20 | -11.19 | 48.63 | 8.38 | Peak | 100 | 22 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

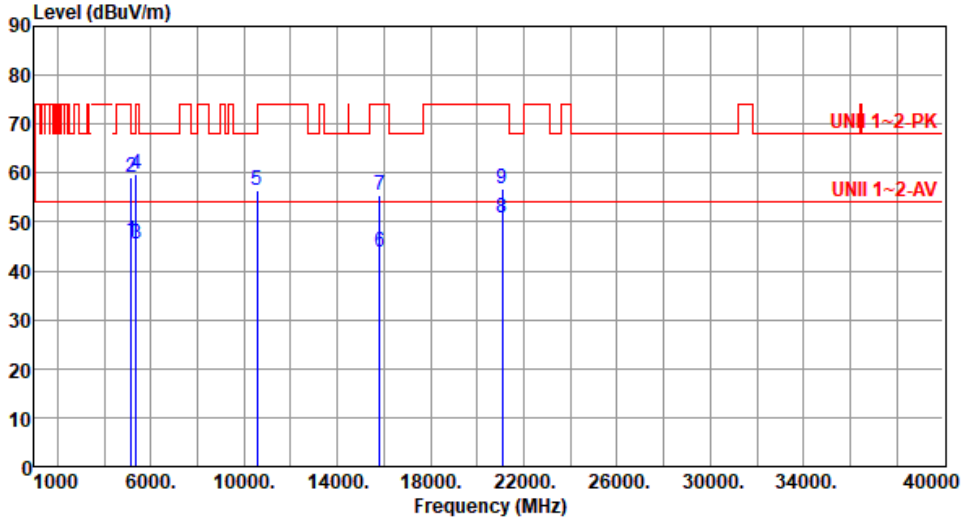
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 46.08 | 54.00 | -7.92 | 45.26 | 0.82 | Average | 230 | 244 |
| 2 | 5150.00 | 58.99 | 74.00 | -15.01 | 58.17 | 0.82 | Peak | 230 | 244 |
| 3 | 5350.00 | 45.58 | 54.00 | -8.42 | 45.44 | 0.14 | Average | 230 | 244 |
| 4 | 5350.00 | 59.90 | 74.00 | -14.10 | 59.76 | 0.14 | Peak | 230 | 244 |
| 5 | 10540.00 | 56.32 | 68.20 | -11.88 | 47.57 | 8.75 | Peak | 100 | 113 |
| 6 | 15810.00 | 43.78 | 54.00 | -10.22 | 38.14 | 5.64 | Average | 100 | 205 |
| 7 | 15810.00 | 55.31 | 74.00 | -18.69 | 49.67 | 5.64 | Peak | 100 | 205 |
| 8 | 21080.00 | 50.81 | 54.00 | -3.19 | 46.83 | 3.98 | Average | 120 | 26 |
| 9 | 21080.00 | 56.94 | 74.00 | -17.06 | 52.96 | 3.98 | Peak | 120 | 26 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

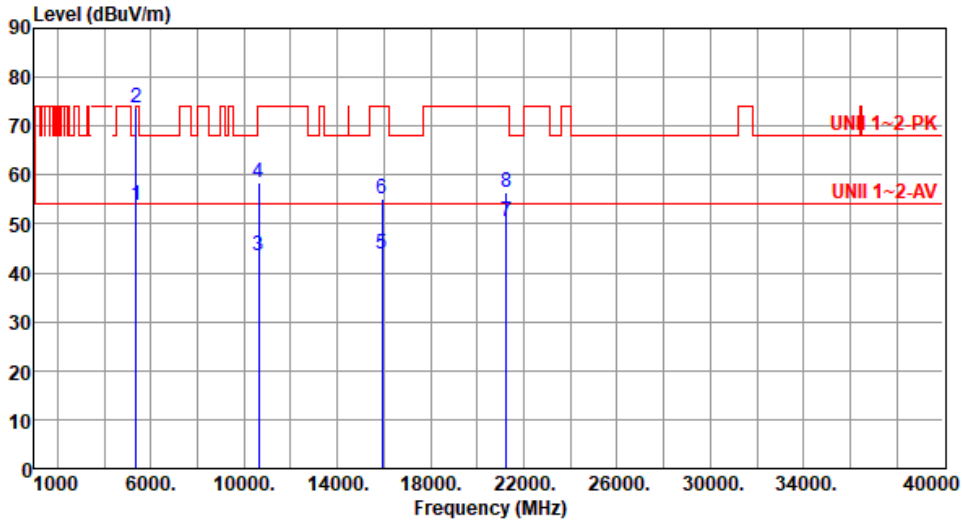


| | | | | | | | | | |
|---|---------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5270 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | |
| <p>The spectrum plot displays the emission level in dBuV/m across a frequency range from 1000 to 40000 MHz. A red line represents the emission level, which fluctuates between approximately 60 and 75 dBuV/m. A horizontal red line at 54 dBuV/m indicates the UNII 1-2-AV limit. Two vertical red lines at 18000 and 21000 MHz indicate the UNII 1-2-PK limits. Several peaks are marked with blue vertical lines and numbered 1 through 9, corresponding to the data in the table below.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 45.51 | 54.00 | -8.49 | 44.69 | 0.82 | Average | 213 | 128 |
| 2 | 5150.00 | 59.11 | 74.00 | -14.89 | 58.29 | 0.82 | Peak | 213 | 128 |
| 3 | 5350.00 | 45.55 | 54.00 | -8.45 | 45.41 | 0.14 | Average | 213 | 128 |
| 4 | 5350.00 | 59.42 | 74.00 | -14.58 | 59.28 | 0.14 | Peak | 213 | 128 |
| 5 | 10540.00 | 55.47 | 68.20 | -12.73 | 46.72 | 8.75 | Peak | 100 | 221 |
| 6 | 15810.00 | 43.31 | 54.00 | -10.69 | 37.67 | 5.64 | Average | 100 | 158 |
| 7 | 15810.00 | 55.27 | 74.00 | -18.73 | 49.63 | 5.64 | Peak | 100 | 158 |
| 8 | 21080.00 | 44.64 | 54.00 | -9.36 | 40.66 | 3.98 | Average | 100 | 73 |
| 9 | 21080.00 | 55.21 | 74.00 | -18.79 | 51.23 | 3.98 | Peak | 100 | 73 |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | |



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5310 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5350.00 | 53.65 | 54.00 | -0.35 | 53.51 | 0.14 | Average | 230 | 280 |
| 2 | 5350.00 | 73.82 | 74.00 | -0.18 | 73.68 | 0.14 | Peak | 230 | 280 |
| 3 | 10620.00 | 43.38 | 54.00 | -10.62 | 34.57 | 8.81 | Average | 100 | 158 |
| 4 | 10620.00 | 58.46 | 74.00 | -15.54 | 49.65 | 8.81 | Peak | 100 | 158 |
| 5 | 15930.00 | 43.92 | 54.00 | -10.08 | 38.27 | 5.65 | Average | 100 | 241 |
| 6 | 15930.00 | 55.27 | 74.00 | -18.73 | 49.62 | 5.65 | Peak | 100 | 241 |
| 7 | 21240.00 | 50.32 | 54.00 | -3.68 | 46.19 | 4.13 | Average | 129 | 31 |
| 8 | 21240.00 | 56.36 | 74.00 | -17.64 | 52.23 | 4.13 | Peak | 129 | 31 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

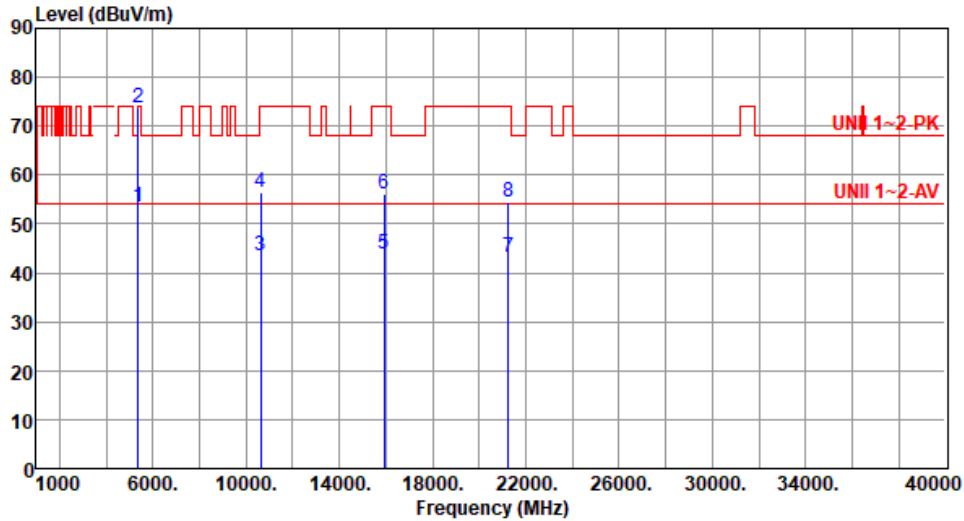
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5310 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5350.00 | 53.31 | 54.00 | -0.69 | 53.17 | 0.14 | Average | 216 | 121 |
| 2 | 5350.00 | 73.65 | 74.00 | -0.35 | 73.51 | 0.14 | Peak | 216 | 121 |
| 3 | 10620.00 | 43.37 | 54.00 | -10.63 | 34.56 | 8.81 | Average | 100 | 118 |
| 4 | 10620.00 | 56.46 | 74.00 | -17.54 | 47.65 | 8.81 | Peak | 100 | 118 |
| 5 | 15930.00 | 43.86 | 54.00 | -10.14 | 38.21 | 5.65 | Average | 100 | 105 |
| 6 | 15930.00 | 56.12 | 74.00 | -17.88 | 50.47 | 5.65 | Peak | 100 | 105 |
| 7 | 21240.00 | 43.30 | 54.00 | -10.70 | 39.17 | 4.13 | Average | 100 | 77 |
| 8 | 21240.00 | 54.36 | 74.00 | -19.64 | 50.23 | 4.13 | Peak | 100 | 77 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

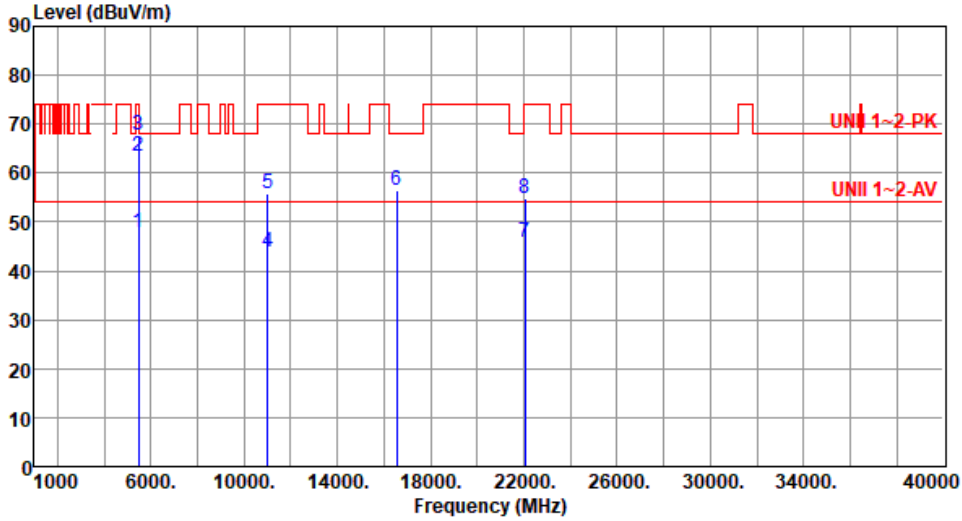
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5510 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 47.75 | 54.00 | -6.25 | 47.17 | 0.58 | Average | 219 | 290 |
| 2 | 5460.00 | 63.36 | 74.00 | -10.64 | 62.78 | 0.58 | Peak | 219 | 290 |
| 3 | 5470.00 | 67.84 | 68.20 | -0.36 | 67.25 | 0.59 | Peak | 219 | 290 |
| 4 | 11020.00 | 43.69 | 54.00 | -10.31 | 34.55 | 9.14 | Average | 100 | 124 |
| 5 | 11020.00 | 55.87 | 74.00 | -18.13 | 46.73 | 9.14 | Peak | 100 | 124 |
| 6 | 16530.00 | 56.51 | 68.20 | -11.69 | 49.65 | 6.86 | Peak | 100 | 117 |
| 7 | 22040.00 | 45.75 | 54.00 | -8.25 | 40.68 | 5.07 | Average | 144 | 102 |
| 8 | 22040.00 | 54.80 | 74.00 | -19.20 | 49.73 | 5.07 | Peak | 144 | 102 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

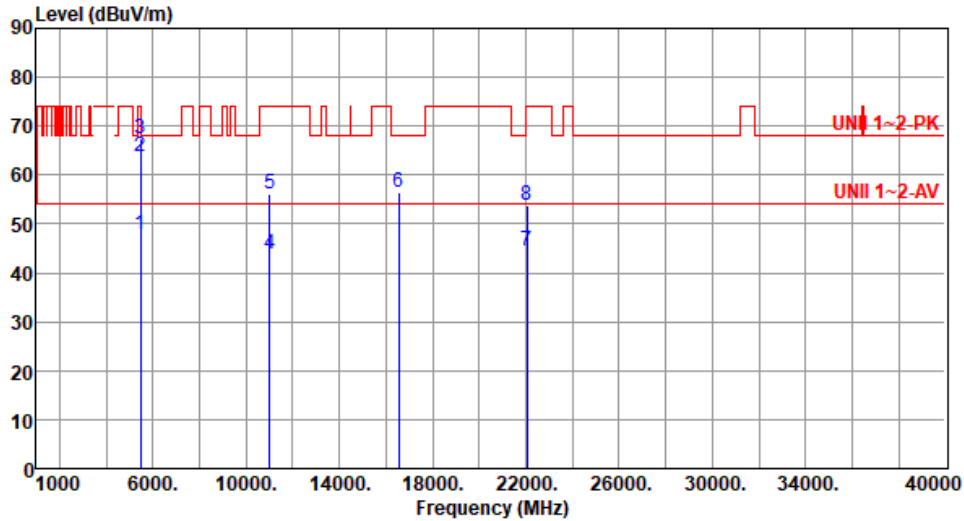
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5510 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 47.81 | 54.00 | -6.19 | 47.23 | 0.58 | Average | 208 | 130 |
| 2 | 5460.00 | 63.80 | 74.00 | -10.20 | 63.22 | 0.58 | Peak | 208 | 130 |
| 3 | 5470.00 | 67.51 | 68.20 | -0.69 | 66.92 | 0.59 | Peak | 208 | 130 |
| 4 | 11020.00 | 43.76 | 54.00 | -10.24 | 34.62 | 9.14 | Average | 100 | 108 |
| 5 | 11020.00 | 56.26 | 74.00 | -17.74 | 47.12 | 9.14 | Peak | 100 | 108 |
| 6 | 16530.00 | 56.58 | 68.20 | -11.62 | 49.72 | 6.86 | Peak | 100 | 255 |
| 7 | 22040.00 | 44.62 | 54.00 | -9.38 | 39.55 | 5.07 | Average | 266 | 80 |
| 8 | 22040.00 | 53.87 | 74.00 | -20.13 | 48.80 | 5.07 | Peak | 266 | 80 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

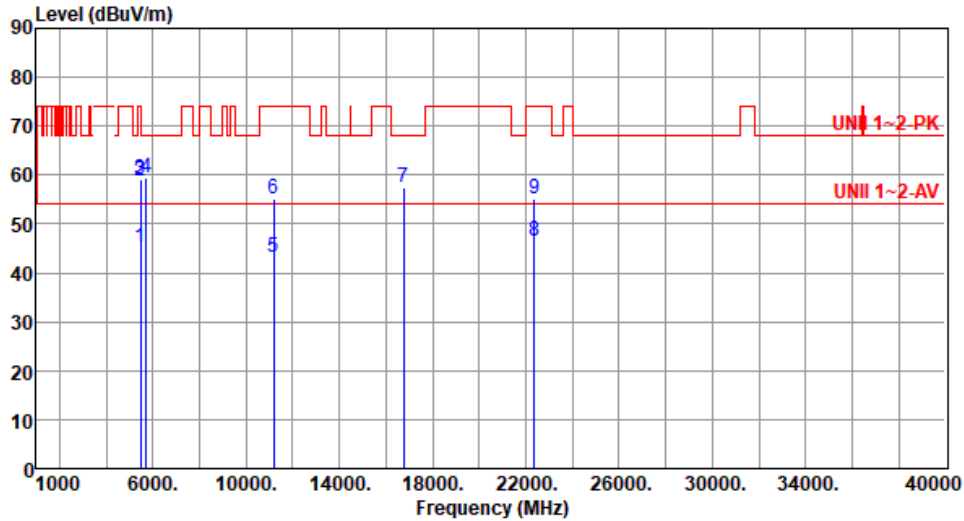
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5590 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 45.22 | 54.00 | -8.78 | 44.64 | 0.58 | Average | 223 | 291 |
| 2 | 5460.00 | 58.81 | 74.00 | -15.19 | 58.23 | 0.58 | Peak | 223 | 291 |
| 3 | 5470.00 | 58.97 | 68.20 | -9.23 | 58.38 | 0.59 | Peak | 223 | 291 |
| 4 | 5725.00 | 59.41 | 68.20 | -8.79 | 58.48 | 0.93 | Peak | 223 | 291 |
| 5 | 11180.00 | 43.26 | 54.00 | -10.74 | 34.58 | 8.68 | Average | 100 | 143 |
| 6 | 11180.00 | 55.26 | 74.00 | -18.74 | 46.58 | 8.68 | Peak | 100 | 143 |
| 7 | 16770.00 | 57.29 | 68.20 | -10.91 | 50.31 | 6.98 | Peak | 100 | 122 |
| 8 | 22360.00 | 46.59 | 54.00 | -7.41 | 40.94 | 5.65 | Average | 148 | 102 |
| 9 | 22360.00 | 55.26 | 74.00 | -18.74 | 49.61 | 5.65 | Peak | 148 | 102 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

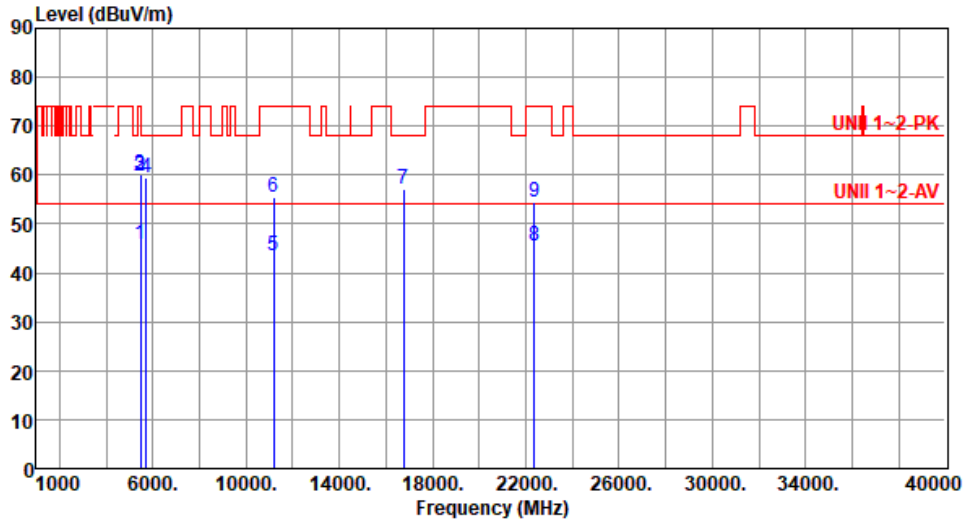
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5590 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 45.80 | 54.00 | -8.20 | 45.22 | 0.58 | Average | 209 | 120 |
| 2 | 5460.00 | 59.68 | 74.00 | -14.32 | 59.10 | 0.58 | Peak | 209 | 120 |
| 3 | 5470.00 | 60.12 | 68.20 | -8.08 | 59.53 | 0.59 | Peak | 209 | 120 |
| 4 | 5725.00 | 59.32 | 68.20 | -8.88 | 58.39 | 0.93 | Peak | 209 | 120 |
| 5 | 11180.00 | 43.42 | 54.00 | -10.58 | 34.74 | 8.68 | Average | 100 | 113 |
| 6 | 11180.00 | 55.41 | 74.00 | -18.59 | 46.73 | 8.68 | Peak | 100 | 113 |
| 7 | 16770.00 | 57.14 | 68.20 | -11.06 | 50.16 | 6.98 | Peak | 100 | 223 |
| 8 | 22360.00 | 45.38 | 54.00 | -8.62 | 39.73 | 5.65 | Average | 266 | 79 |
| 9 | 22360.00 | 54.40 | 74.00 | -19.60 | 48.75 | 5.65 | Peak | 266 | 79 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

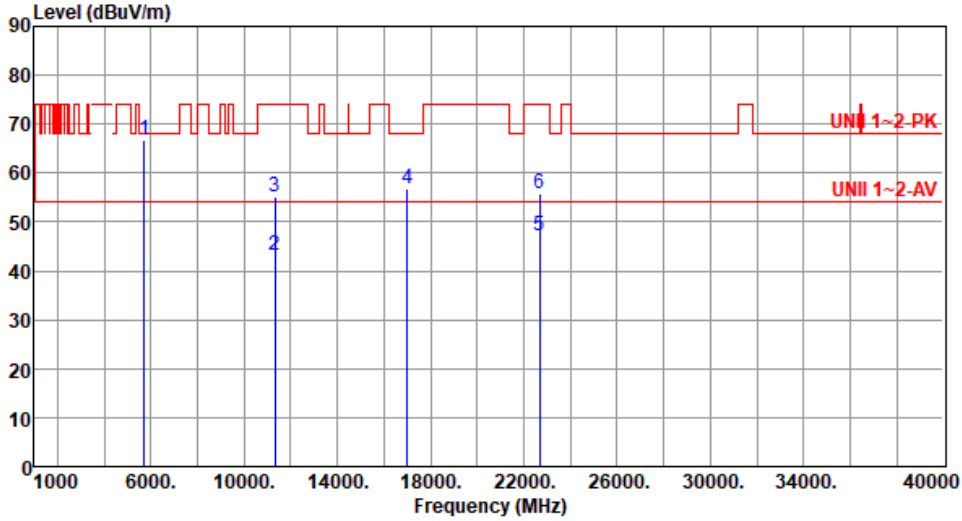
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5670 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5725.00 | 66.77 | 68.20 | -1.43 | 65.84 | 0.93 | Peak | 214 | 290 |
| 2 | 11340.00 | 43.19 | 54.00 | -10.81 | 34.67 | 8.52 | Average | 100 | 254 |
| 3 | 11340.00 | 55.23 | 74.00 | -18.77 | 46.71 | 8.52 | Peak | 100 | 254 |
| 4 | 17010.00 | 56.83 | 68.20 | -11.37 | 50.13 | 6.70 | Peak | 100 | 145 |
| 5 | 22680.00 | 47.25 | 54.00 | -6.75 | 40.89 | 6.36 | Average | 151 | 104 |
| 6 | 22680.00 | 55.94 | 74.00 | -18.06 | 49.58 | 6.36 | Peak | 151 | 104 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

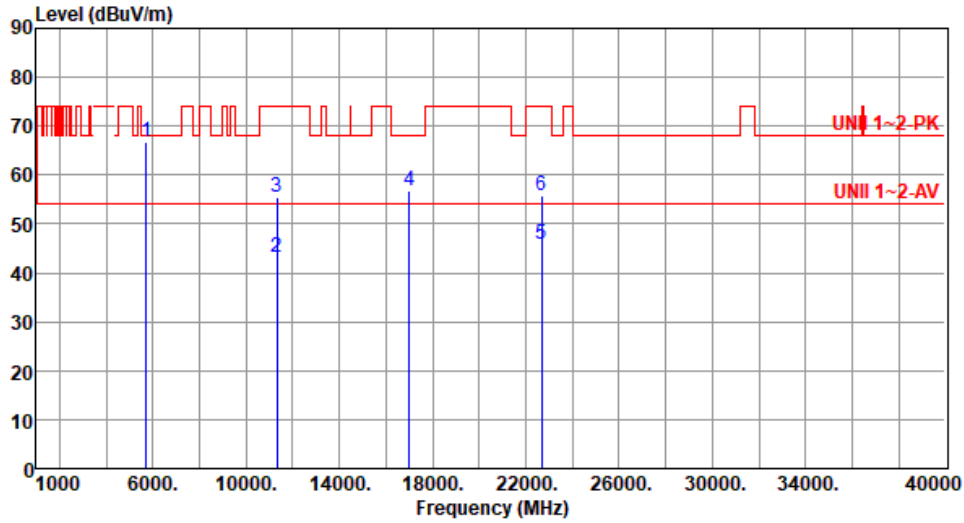
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5670 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5725.00 | 66.63 | 68.20 | -1.57 | 65.70 | 0.93 | Peak | 209 | 119 |
| 2 | 11340.00 | 43.14 | 54.00 | -10.86 | 34.62 | 8.52 | Average | 100 | 45 |
| 3 | 11340.00 | 55.60 | 74.00 | -18.40 | 47.08 | 8.52 | Peak | 100 | 45 |
| 4 | 17010.00 | 56.83 | 68.20 | -11.37 | 50.13 | 6.70 | Peak | 100 | 125 |
| 5 | 22680.00 | 45.80 | 54.00 | -8.20 | 39.44 | 6.36 | Average | 266 | 81 |
| 6 | 22680.00 | 55.68 | 74.00 | -18.32 | 49.32 | 6.36 | Peak | 266 | 81 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



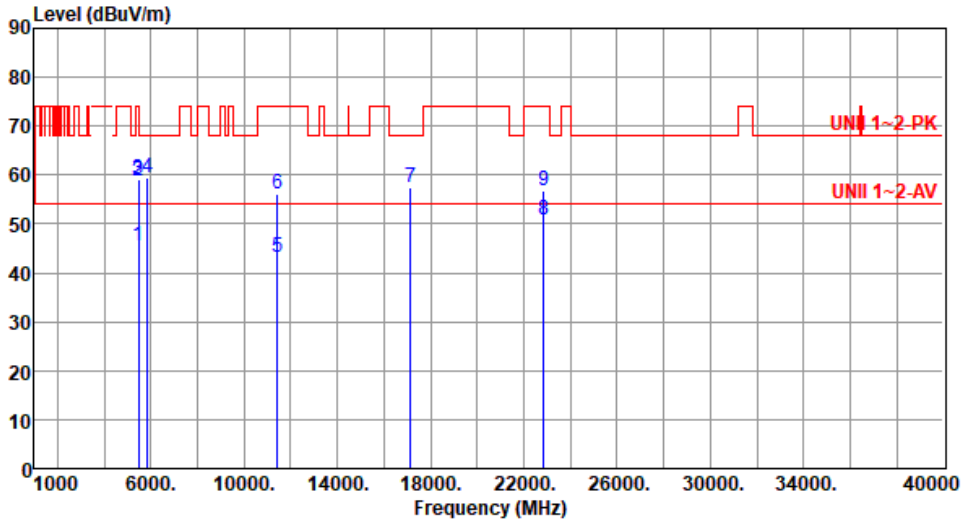
| | | | | | | | | | |
|---------------------|---------------|-------------------------|--------|----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5710 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 45.06 | 54.00 | -8.94 | 44.48 | 0.58 | Average | 214 | 291 |
| 2 | 5460.00 | 58.45 | 74.00 | -15.55 | 57.87 | 0.58 | Peak | 214 | 291 |
| 3 | 5470.00 | 58.81 | 68.20 | -9.39 | 58.22 | 0.59 | Peak | 214 | 291 |
| 4 | 5850.00 | 59.60 | 68.20 | -8.60 | 58.36 | 1.24 | Peak | 214 | 291 |
| 5 | 11420.00 | 43.17 | 54.00 | -10.83 | 34.58 | 8.59 | Average | 100 | 109 |
| 6 | 11420.00 | 56.18 | 74.00 | -17.82 | 47.59 | 8.59 | Peak | 100 | 109 |
| 7 | 17130.00 | 57.22 | 68.20 | -10.98 | 50.86 | 6.36 | Peak | 100 | 112 |
| 8 | 22840.00 | 51.25 | 54.00 | -2.75 | 44.62 | 6.63 | Average | 159 | 31 |
| 9 | 22840.00 | 57.70 | 74.00 | -16.30 | 51.07 | 6.63 | Peak | 159 | 31 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5710 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 45.46 | 54.00 | -8.54 | 44.88 | 0.58 | Average | 213 | 119 |
| 2 | 5460.00 | 58.70 | 74.00 | -15.30 | 58.12 | 0.58 | Peak | 213 | 119 |
| 3 | 5470.00 | 59.12 | 68.20 | -9.08 | 58.53 | 0.59 | Peak | 213 | 119 |
| 4 | 5850.00 | 59.45 | 68.20 | -8.75 | 58.21 | 1.24 | Peak | 213 | 119 |
| 5 | 11420.00 | 43.25 | 54.00 | -10.75 | 34.66 | 8.59 | Average | 100 | 173 |
| 6 | 11420.00 | 56.17 | 74.00 | -17.83 | 47.58 | 8.59 | Peak | 100 | 173 |
| 7 | 17130.00 | 57.52 | 68.20 | -10.68 | 51.16 | 6.36 | Peak | 100 | 206 |
| 8 | 22840.00 | 50.69 | 54.00 | -3.31 | 44.06 | 6.63 | Average | 257 | 80 |
| 9 | 22840.00 | 56.81 | 74.00 | -17.19 | 50.18 | 6.63 | Peak | 257 | 80 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|---------------------|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5755 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Brad Wu | | Temperature(°C): 24 | | Humidity(%): 63 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5650.00 | 68.07 | 68.20 | -0.13 | 67.53 | 0.54 | Peak | 204 | 288 |
| 2 | 5700.00 | 79.35 | 105.20 | -25.85 | 78.49 | 0.86 | Peak | 204 | 288 |
| 3 | 5720.00 | 95.35 | 110.80 | -15.45 | 94.44 | 0.91 | Peak | 204 | 288 |
| 4 | 5725.00 | 97.83 | 122.20 | -24.37 | 96.90 | 0.93 | Peak | 204 | 288 |
| 5 | 5925.00 | 60.57 | 68.20 | -7.63 | 59.08 | 1.49 | Peak | 204 | 288 |
| 6 | 11510.00 | 45.96 | 54.00 | -8.04 | 37.26 | 8.70 | Average | 138 | 332 |
| 7 | 11510.00 | 58.61 | 74.00 | -15.39 | 49.91 | 8.70 | Peak | 138 | 332 |
| 8 | 17265.00 | 66.32 | 68.20 | -1.88 | 60.05 | 6.27 | Peak | 165 | 34 |
| 9 | 23020.00 | 53.83 | 54.00 | -0.17 | 46.91 | 6.92 | Average | 169 | 35 |
| 10 | 23020.00 | 65.14 | 74.00 | -8.86 | 58.22 | 6.92 | Peak | 169 | 35 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



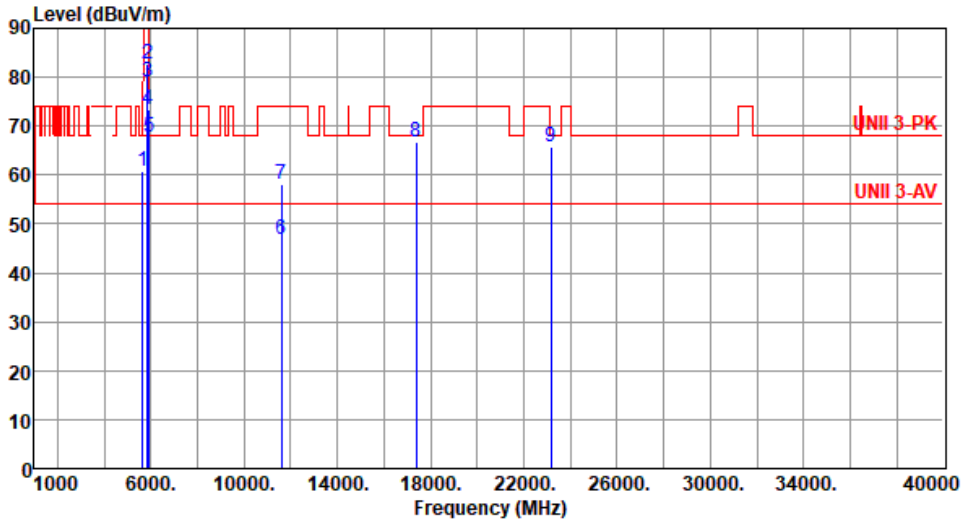
| | | | | | | | | | |
|---------------------|---------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5755 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 65.36 | 68.20 | -2.84 | 64.82 | 0.54 | Peak | 208 | 122 |
| 2 | 5700.00 | 77.28 | 105.20 | -27.92 | 76.42 | 0.86 | Peak | 208 | 122 |
| 3 | 5720.00 | 91.82 | 110.80 | -18.98 | 90.91 | 0.91 | Peak | 208 | 122 |
| 4 | 5725.00 | 94.52 | 122.20 | -27.68 | 93.59 | 0.93 | Peak | 208 | 122 |
| 5 | 5925.00 | 59.75 | 68.20 | -8.45 | 58.26 | 1.49 | Peak | 208 | 122 |
| 6 | 11510.00 | 47.27 | 54.00 | -6.73 | 38.57 | 8.70 | Average | 168 | 351 |
| 7 | 11510.00 | 60.32 | 74.00 | -13.68 | 51.62 | 8.70 | Peak | 168 | 351 |
| 8 | 17265.00 | 59.54 | 68.20 | -8.66 | 53.27 | 6.27 | Peak | 132 | 75 |
| 9 | 23020.00 | 50.59 | 54.00 | -3.41 | 43.67 | 6.92 | Average | 267 | 79 |
| 10 | 23020.00 | 58.30 | 74.00 | -15.70 | 51.38 | 6.92 | Peak | 267 | 79 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5795 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 60.67 | 68.20 | -7.53 | 60.13 | 0.54 | Peak | 206 | 298 |
| 2 | 5850.00 | 82.55 | 122.20 | -39.65 | 81.31 | 1.24 | Peak | 206 | 298 |
| 3 | 5855.00 | 79.16 | 110.80 | -31.64 | 77.90 | 1.26 | Peak | 206 | 298 |
| 4 | 5875.00 | 73.42 | 105.20 | -31.78 | 72.06 | 1.36 | Peak | 206 | 298 |
| 5 | 5925.00 | 67.73 | 68.20 | -0.47 | 66.24 | 1.49 | Peak | 206 | 298 |
| 6 | 11590.00 | 46.80 | 54.00 | -7.20 | 38.25 | 8.55 | Average | 142 | 340 |
| 7 | 11590.00 | 57.96 | 74.00 | -16.04 | 49.41 | 8.55 | Peak | 142 | 340 |
| 8 | 17385.00 | 66.84 | 68.20 | -1.36 | 60.11 | 6.73 | Peak | 170 | 35 |
| 9 | 23180.00 | 65.83 | 68.20 | -2.37 | 58.81 | 7.02 | Peak | 163 | 35 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|---------------------|---------------|-----------------------------|-----------------|----------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5795 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 60.06 | 68.20 | -8.14 | 59.52 | 0.54 | Peak | 213 | 142 |
| 2 | 5850.00 | 81.11 | 122.20 | -41.09 | 79.87 | 1.24 | Peak | 213 | 142 |
| 3 | 5855.00 | 78.41 | 110.80 | -32.39 | 77.15 | 1.26 | Peak | 213 | 142 |
| 4 | 5875.00 | 72.60 | 105.20 | -32.60 | 71.24 | 1.36 | Peak | 213 | 142 |
| 5 | 5925.00 | 65.88 | 68.20 | -2.32 | 64.39 | 1.49 | Peak | 213 | 142 |
| 6 | 11590.00 | 47.40 | 54.00 | -6.60 | 38.85 | 8.55 | Average | 158 | 339 |
| 7 | 11590.00 | 60.28 | 74.00 | -13.72 | 51.73 | 8.55 | Peak | 158 | 339 |
| 8 | 17385.00 | 59.98 | 68.20 | -8.22 | 53.25 | 6.73 | Peak | 133 | 76 |
| 9 | 23180.00 | 56.26 | 68.20 | -11.94 | 49.24 | 7.02 | Peak | 248 | 51 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

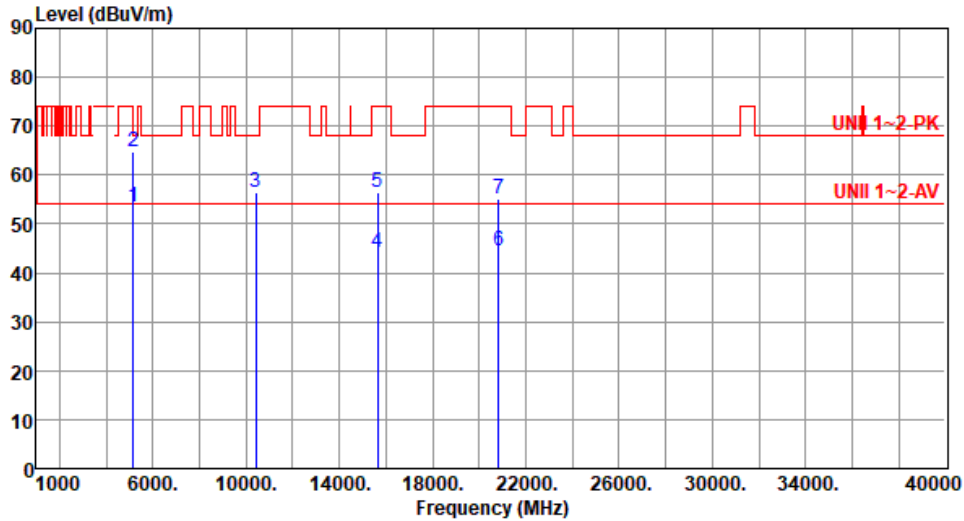
| | | | | | | | | | |
|--|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5210 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 53.78 | 54.00 | -0.22 | 52.96 | 0.82 | Average | 226 | 244 |
| 2 | 5150.00 | 65.10 | 74.00 | -8.90 | 64.28 | 0.82 | Peak | 226 | 244 |
| 3 | 10420.00 | 55.40 | 68.20 | -12.80 | 46.75 | 8.65 | Peak | 100 | 105 |
| 4 | 15630.00 | 44.40 | 54.00 | -9.60 | 38.66 | 5.74 | Average | 100 | 126 |
| 5 | 15630.00 | 55.92 | 74.00 | -18.08 | 50.18 | 5.74 | Peak | 100 | 126 |
| 6 | 20840.00 | 50.08 | 54.00 | -3.92 | 46.52 | 3.56 | Average | 131 | 30 |
| 7 | 20840.00 | 55.72 | 74.00 | -18.28 | 52.16 | 3.56 | Peak | 131 | 30 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5210 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 53.35 | 54.00 | -0.65 | 52.53 | 0.82 | Average | 208 | 132 |
| 2 | 5150.00 | 64.90 | 74.00 | -9.10 | 64.08 | 0.82 | Peak | 208 | 132 |
| 3 | 10420.00 | 56.33 | 68.20 | -11.87 | 47.68 | 8.65 | Peak | 100 | 105 |
| 4 | 15630.00 | 44.21 | 54.00 | -9.79 | 38.47 | 5.74 | Average | 100 | 178 |
| 5 | 15630.00 | 56.50 | 74.00 | -17.50 | 50.76 | 5.74 | Peak | 100 | 178 |
| 6 | 20840.00 | 44.59 | 54.00 | -9.41 | 41.03 | 3.56 | Average | 100 | 72 |
| 7 | 20840.00 | 55.22 | 74.00 | -18.78 | 51.66 | 3.56 | Peak | 100 | 72 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

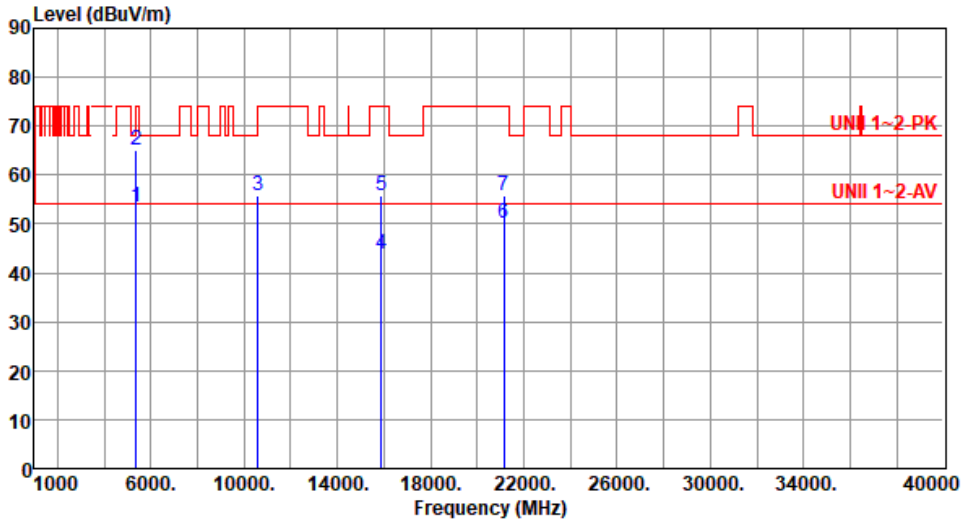
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5290 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5350.00 | 53.39 | 54.00 | -0.61 | 53.25 | 0.14 | Average | 229 | 236 |
| 2 | 5350.00 | 65.11 | 74.00 | -8.89 | 64.97 | 0.14 | Peak | 229 | 236 |
| 3 | 10580.00 | 55.91 | 68.20 | -12.29 | 47.13 | 8.78 | Peak | 100 | 234 |
| 4 | 15870.00 | 43.81 | 54.00 | -10.19 | 38.16 | 5.65 | Average | 100 | 104 |
| 5 | 15870.00 | 55.81 | 74.00 | -18.19 | 50.16 | 5.65 | Peak | 100 | 104 |
| 6 | 21160.00 | 50.11 | 54.00 | -3.89 | 46.06 | 4.05 | Average | 129 | 30 |
| 7 | 21160.00 | 55.82 | 74.00 | -18.18 | 51.77 | 4.05 | Peak | 129 | 30 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

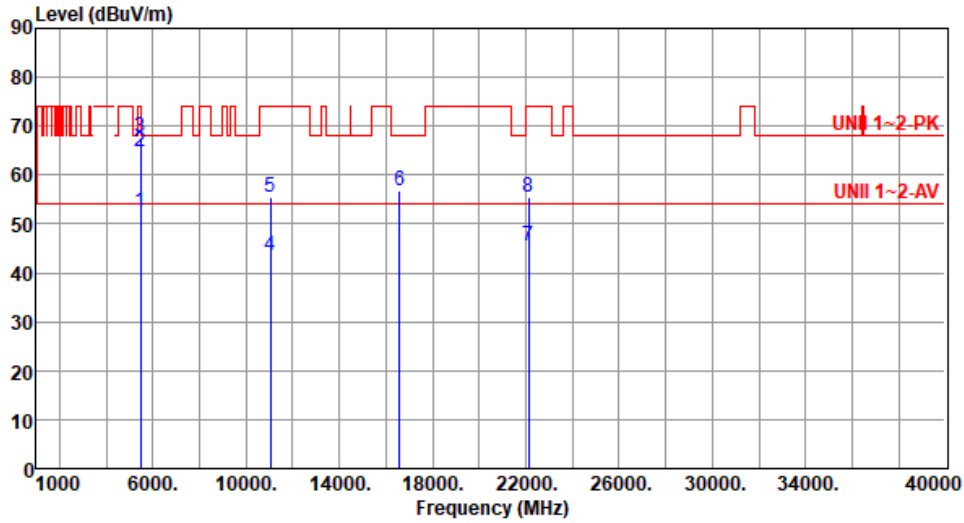


| | | | | | | | | | |
|---|---------------|-------------------------|--------|----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5290 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5350.00 | 53.68 | 54.00 | -0.32 | 53.54 | 0.14 | Average | 206 | 131 |
| 2 | 5350.00 | 65.00 | 74.00 | -9.00 | 64.86 | 0.14 | Peak | 206 | 131 |
| 3 | 10580.00 | 56.33 | 68.20 | -11.87 | 47.55 | 8.78 | Peak | 100 | 167 |
| 4 | 15870.00 | 43.91 | 54.00 | -10.09 | 38.26 | 5.65 | Average | 100 | 116 |
| 5 | 15870.00 | 55.98 | 74.00 | -18.02 | 50.33 | 5.65 | Peak | 100 | 116 |
| 6 | 21160.00 | 43.50 | 54.00 | -10.50 | 39.45 | 4.05 | Average | 100 | 72 |
| 7 | 21160.00 | 54.29 | 74.00 | -19.71 | 50.24 | 4.05 | Peak | 100 | 72 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5530 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 52.52 | 54.00 | -1.48 | 51.94 | 0.58 | Average | 221 | 290 |
| 2 | 5460.00 | 64.90 | 74.00 | -9.10 | 64.32 | 0.58 | Peak | 221 | 290 |
| 3 | 5470.00 | 67.73 | 68.20 | -0.47 | 67.14 | 0.59 | Peak | 221 | 290 |
| 4 | 11060.00 | 43.58 | 54.00 | -10.42 | 34.57 | 9.01 | Average | 100 | 135 |
| 5 | 11060.00 | 55.55 | 74.00 | -18.45 | 46.54 | 9.01 | Peak | 100 | 135 |
| 6 | 16590.00 | 56.86 | 68.20 | -11.34 | 50.27 | 6.59 | Peak | 100 | 111 |
| 7 | 22120.00 | 45.60 | 54.00 | -8.40 | 40.43 | 5.17 | Average | 151 | 103 |
| 8 | 22120.00 | 55.30 | 74.00 | -18.70 | 50.13 | 5.17 | Peak | 151 | 103 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

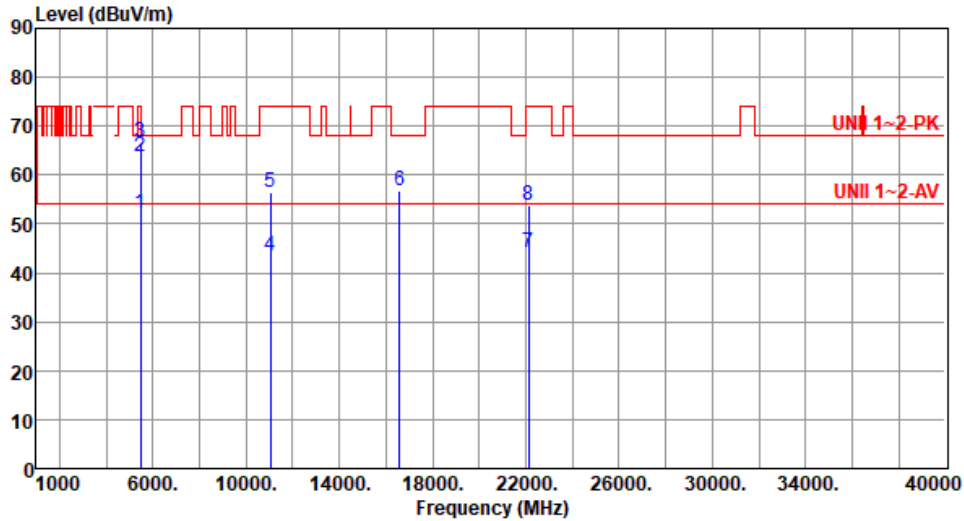
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5530 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 52.02 | 54.00 | -1.98 | 51.44 | 0.58 | Average | 204 | 118 |
| 2 | 5460.00 | 63.88 | 74.00 | -10.12 | 63.30 | 0.58 | Peak | 204 | 118 |
| 3 | 5470.00 | 66.81 | 68.20 | -1.39 | 66.22 | 0.59 | Peak | 204 | 118 |
| 4 | 11060.00 | 43.62 | 54.00 | -10.38 | 34.61 | 9.01 | Average | 100 | 113 |
| 5 | 11060.00 | 56.51 | 74.00 | -17.49 | 47.50 | 9.01 | Peak | 100 | 113 |
| 6 | 16590.00 | 56.79 | 68.20 | -11.41 | 50.20 | 6.59 | Peak | 100 | 144 |
| 7 | 22120.00 | 44.33 | 54.00 | -9.67 | 39.16 | 5.17 | Average | 264 | 78 |
| 8 | 22120.00 | 53.80 | 74.00 | -20.20 | 48.63 | 5.17 | Peak | 264 | 78 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

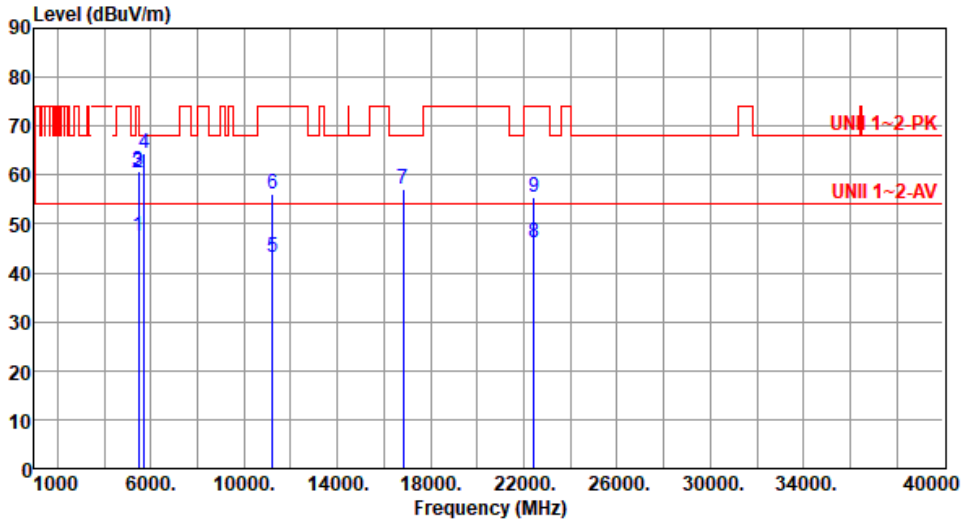
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5610 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.50 | 54.00 | -6.50 | 46.92 | 0.58 | Average | 222 | 290 |
| 2 | 5460.00 | 60.39 | 74.00 | -13.61 | 59.81 | 0.58 | Peak | 222 | 290 |
| 3 | 5470.00 | 60.75 | 68.20 | -7.45 | 60.16 | 0.59 | Peak | 222 | 290 |
| 4 | 5725.00 | 64.28 | 68.20 | -3.92 | 63.35 | 0.93 | Peak | 222 | 290 |
| 5 | 11220.00 | 43.29 | 54.00 | -10.71 | 34.68 | 8.61 | Average | 100 | 173 |
| 6 | 11220.00 | 56.19 | 74.00 | -17.81 | 47.58 | 8.61 | Peak | 100 | 173 |
| 7 | 16830.00 | 57.03 | 68.20 | -11.17 | 50.14 | 6.89 | Peak | 100 | 173 |
| 8 | 22440.00 | 46.01 | 54.00 | -7.99 | 40.13 | 5.88 | Average | 151 | 100 |
| 9 | 22440.00 | 55.43 | 74.00 | -18.57 | 49.55 | 5.88 | Peak | 151 | 100 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|--|---------------|-------------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5610 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 48.40 | 54.00 | -5.60 | 47.82 | 0.58 | Average | 212 | 120 |
| 2 | 5460.00 | 61.15 | 74.00 | -12.85 | 60.57 | 0.58 | Peak | 212 | 120 |
| 3 | 5470.00 | 62.02 | 68.20 | -6.18 | 61.43 | 0.59 | Peak | 212 | 120 |
| 4 | 5725.00 | 64.21 | 68.20 | -3.99 | 63.28 | 0.93 | Peak | 212 | 120 |
| 5 | 11220.00 | 43.27 | 54.00 | -10.73 | 34.66 | 8.61 | Average | 100 | 154 |
| 6 | 11220.00 | 56.11 | 74.00 | -17.89 | 47.50 | 8.61 | Peak | 100 | 154 |
| 7 | 16830.00 | 57.11 | 68.20 | -11.09 | 50.22 | 6.89 | Peak | 100 | 118 |
| 8 | 22440.00 | 45.30 | 54.00 | -8.70 | 39.42 | 5.88 | Average | 263 | 81 |
| 9 | 22440.00 | 54.38 | 74.00 | -19.62 | 48.50 | 5.88 | Peak | 263 | 81 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



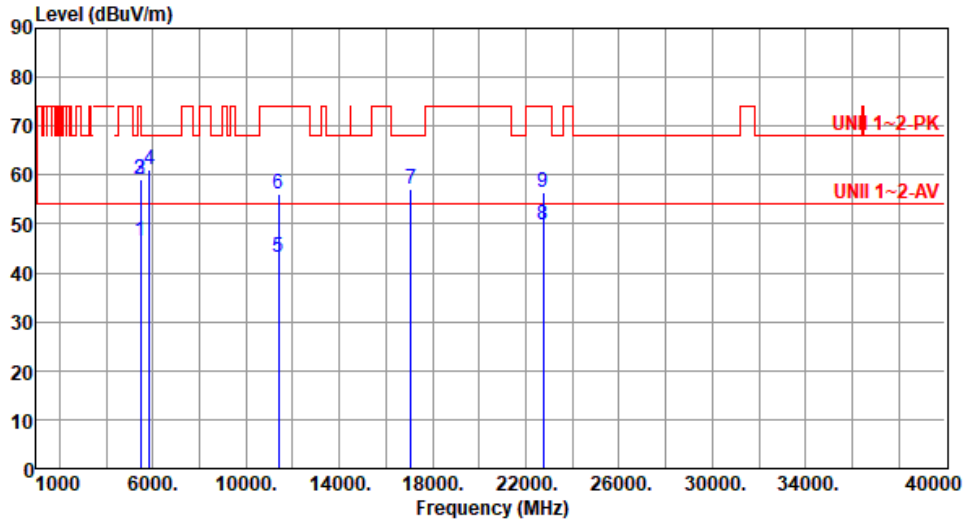
| | | | | | | | | | |
|---------------------|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5690 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Brad Wu | | Temperature(°C): 24 | | Humidity(%): 63 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 45.65 | 54.00 | -8.35 | 45.07 | 0.58 | Average | 213 | 299 |
| 2 | 5460.00 | 58.50 | 74.00 | -15.50 | 57.92 | 0.58 | Peak | 213 | 299 |
| 3 | 5470.00 | 58.53 | 68.20 | -9.67 | 57.94 | 0.59 | Peak | 213 | 299 |
| 4 | 5850.00 | 61.25 | 68.20 | -6.95 | 60.01 | 1.24 | Peak | 213 | 299 |
| 5 | 11380.00 | 43.13 | 54.00 | -10.87 | 34.58 | 8.55 | Average | 100 | 129 |
| 6 | 11380.00 | 56.18 | 74.00 | -17.82 | 47.63 | 8.55 | Peak | 100 | 129 |
| 7 | 17070.00 | 57.17 | 68.20 | -11.03 | 50.66 | 6.51 | Peak | 100 | 243 |
| 8 | 22760.00 | 49.68 | 54.00 | -4.32 | 43.18 | 6.50 | Average | 157 | 32 |
| 9 | 22760.00 | 57.16 | 74.00 | -16.84 | 50.66 | 6.50 | Peak | 157 | 32 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5690 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 46.43 | 54.00 | -7.57 | 45.85 | 0.58 | Average | 216 | 119 |
| 2 | 5460.00 | 59.02 | 74.00 | -14.98 | 58.44 | 0.58 | Peak | 216 | 119 |
| 3 | 5470.00 | 59.25 | 68.20 | -8.95 | 58.66 | 0.59 | Peak | 216 | 119 |
| 4 | 5850.00 | 61.06 | 68.20 | -7.14 | 59.82 | 1.24 | Peak | 216 | 119 |
| 5 | 11380.00 | 43.24 | 54.00 | -10.76 | 34.69 | 8.55 | Average | 100 | 176 |
| 6 | 11380.00 | 56.13 | 74.00 | -17.87 | 47.58 | 8.55 | Peak | 100 | 176 |
| 7 | 17070.00 | 56.97 | 68.20 | -11.23 | 50.46 | 6.51 | Peak | 100 | 237 |
| 8 | 22760.00 | 49.97 | 54.00 | -4.03 | 43.47 | 6.50 | Average | 255 | 81 |
| 9 | 22760.00 | 56.33 | 74.00 | -17.67 | 49.83 | 6.50 | Peak | 255 | 81 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

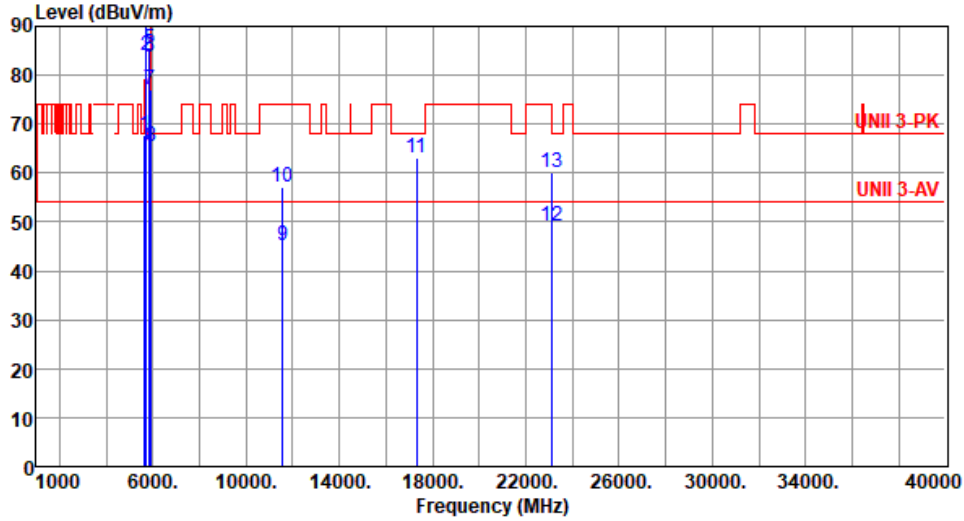
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5775 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 67.92 | 68.20 | -0.28 | 67.38 | 0.54 | Peak | 211 | 293 |
| 2 | 5700.00 | 84.14 | 105.20 | -21.06 | 83.28 | 0.86 | Peak | 211 | 293 |
| 3 | 5720.00 | 88.99 | 110.80 | -21.81 | 88.08 | 0.91 | Peak | 211 | 293 |
| 4 | 5725.00 | 90.13 | 122.20 | -32.07 | 89.20 | 0.93 | Peak | 211 | 293 |
| 5 | 5850.00 | 85.40 | 122.20 | -36.80 | 84.16 | 1.24 | Peak | 211 | 293 |
| 6 | 5855.00 | 83.72 | 110.80 | -27.08 | 82.46 | 1.26 | Peak | 211 | 293 |
| 7 | 5875.00 | 77.01 | 105.20 | -28.19 | 75.65 | 1.36 | Peak | 211 | 293 |
| 8 | 5925.00 | 65.32 | 68.20 | -2.88 | 63.83 | 1.49 | Peak | 211 | 293 |
| 9 | 11550.00 | 45.20 | 54.00 | -8.80 | 36.57 | 8.63 | Average | 136 | 334 |
| 10 | 11550.00 | 57.28 | 74.00 | -16.72 | 48.65 | 8.63 | Peak | 136 | 334 |
| 11 | 17325.00 | 63.16 | 68.20 | -5.04 | 56.73 | 6.43 | Peak | 167 | 40 |
| 12 | 23100.00 | 49.03 | 54.00 | -4.97 | 42.06 | 6.97 | Average | 146 | 43 |
| 13 | 23100.00 | 60.00 | 74.00 | -14.00 | 53.03 | 6.97 | Peak | 146 | 43 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

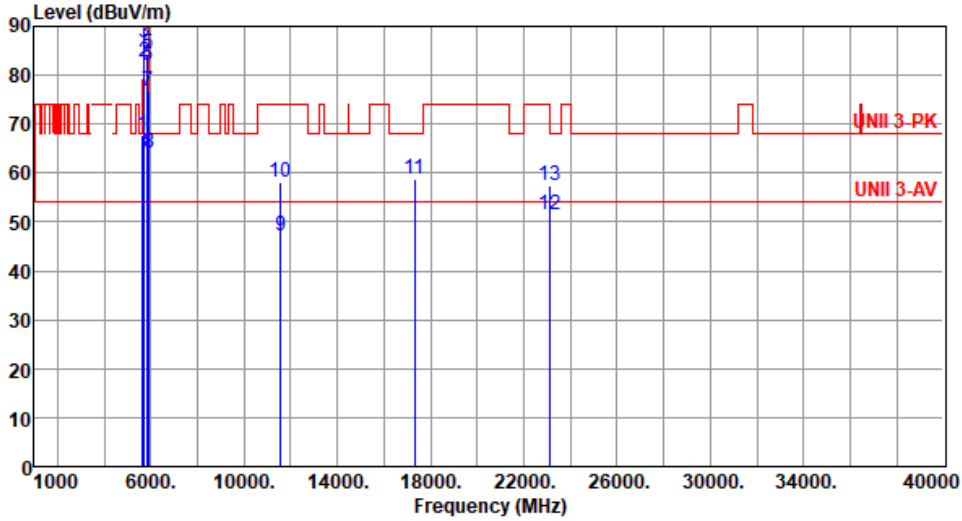
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5775 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 67.79 | 68.20 | -0.41 | 67.25 | 0.54 | Peak | 210 | 119 |
| 2 | 5700.00 | 82.53 | 105.20 | -22.67 | 81.67 | 0.86 | Peak | 210 | 119 |
| 3 | 5720.00 | 86.55 | 110.80 | -24.25 | 85.64 | 0.91 | Peak | 210 | 119 |
| 4 | 5725.00 | 89.33 | 122.20 | -32.87 | 88.40 | 0.93 | Peak | 210 | 119 |
| 5 | 5850.00 | 84.48 | 122.20 | -37.72 | 83.24 | 1.24 | Peak | 210 | 119 |
| 6 | 5855.00 | 81.98 | 110.80 | -28.82 | 80.72 | 1.26 | Peak | 210 | 119 |
| 7 | 5875.00 | 76.67 | 105.20 | -28.53 | 75.31 | 1.36 | Peak | 210 | 119 |
| 8 | 5925.00 | 63.97 | 68.20 | -4.23 | 62.48 | 1.49 | Peak | 210 | 119 |
| 9 | 11550.00 | 47.18 | 54.00 | -6.82 | 38.55 | 8.63 | Average | 165 | 339 |
| 10 | 11550.00 | 58.28 | 74.00 | -15.72 | 49.65 | 8.63 | Peak | 165 | 339 |
| 11 | 17325.00 | 58.88 | 68.20 | -9.32 | 52.45 | 6.43 | Peak | 131 | 76 |
| 12 | 23100.00 | 51.51 | 54.00 | -2.49 | 44.54 | 6.97 | Average | 253 | 82 |
| 13 | 23100.00 | 57.31 | 74.00 | -16.69 | 50.34 | 6.97 | Peak | 253 | 82 |

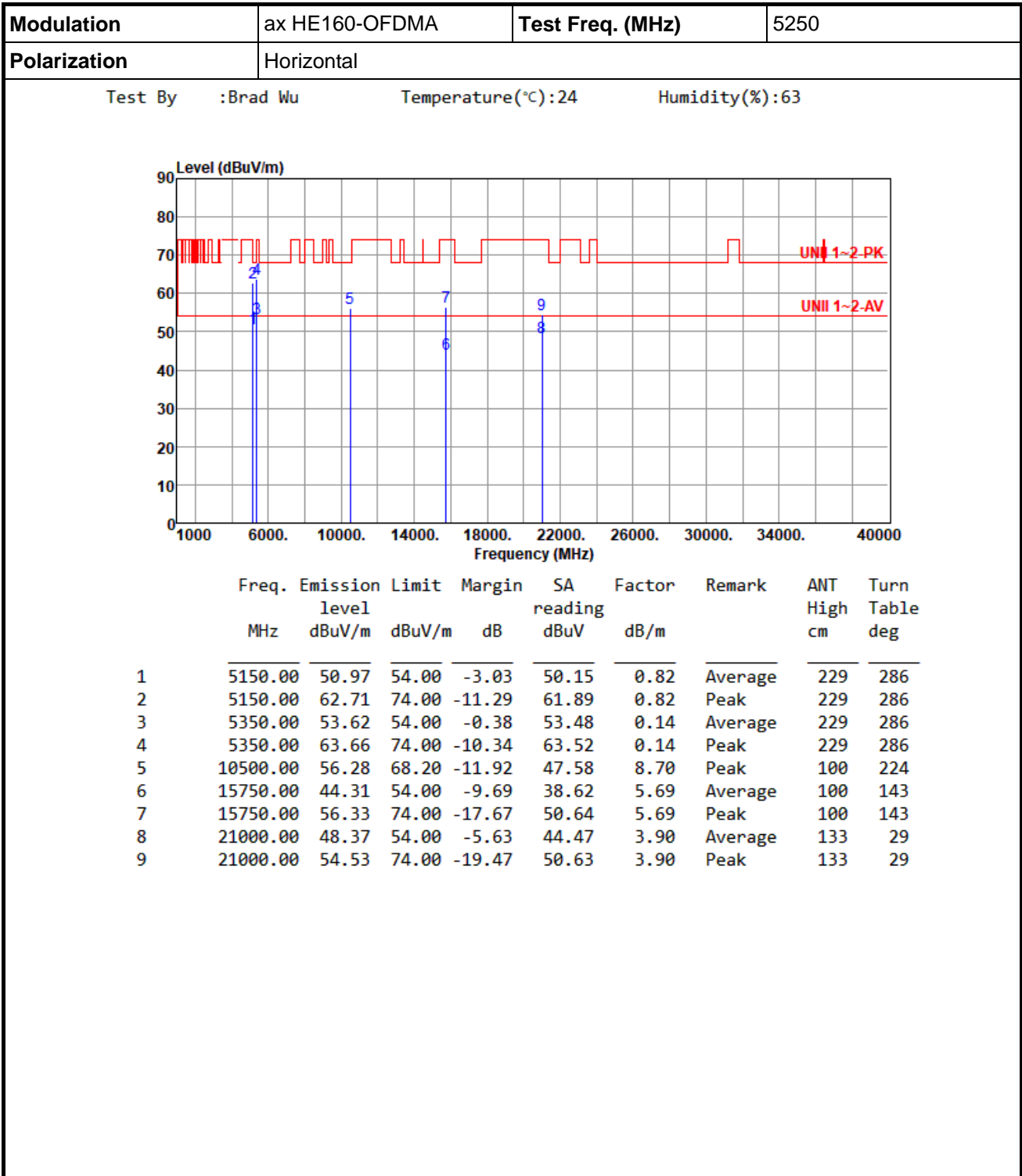
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE160-OFDMA

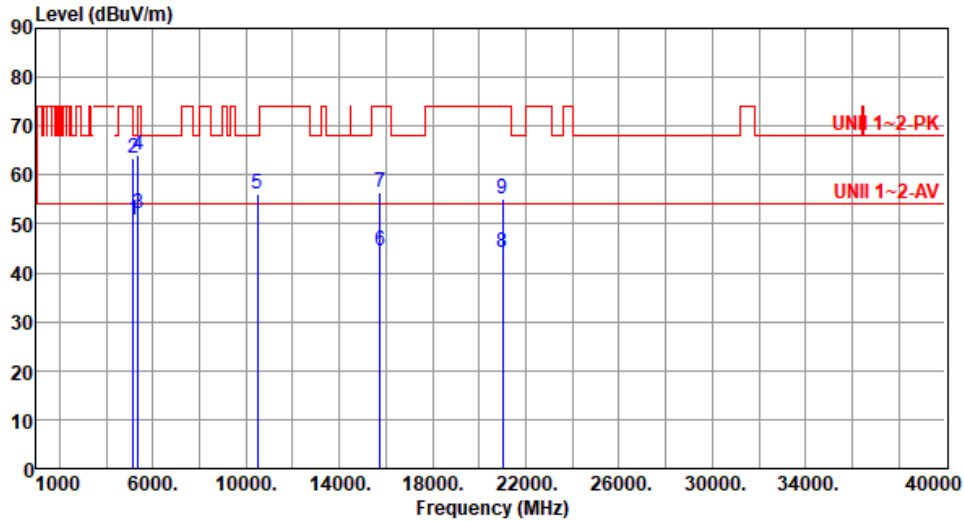


Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|----------------|------------------|------|
| Modulation | ax HE160-OFDMA | Test Freq. (MHz) | 5250 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 50.94 | 54.00 | -3.06 | 50.12 | 0.82 | Average | 212 | 133 |
| 2 | 5150.00 | 63.27 | 74.00 | -10.73 | 62.45 | 0.82 | Peak | 212 | 133 |
| 3 | 5350.00 | 52.20 | 54.00 | -1.80 | 52.06 | 0.14 | Average | 212 | 133 |
| 4 | 5350.00 | 64.16 | 74.00 | -9.84 | 64.02 | 0.14 | Peak | 212 | 133 |
| 5 | 10500.00 | 56.29 | 68.20 | -11.91 | 47.59 | 8.70 | Peak | 100 | 246 |
| 6 | 15750.00 | 44.35 | 54.00 | -9.65 | 38.66 | 5.69 | Average | 100 | 117 |
| 7 | 15750.00 | 56.33 | 74.00 | -17.67 | 50.64 | 5.69 | Peak | 100 | 117 |
| 8 | 21000.00 | 44.08 | 54.00 | -9.92 | 40.18 | 3.90 | Average | 100 | 73 |
| 9 | 21000.00 | 55.14 | 74.00 | -18.86 | 51.24 | 3.90 | Peak | 100 | 73 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

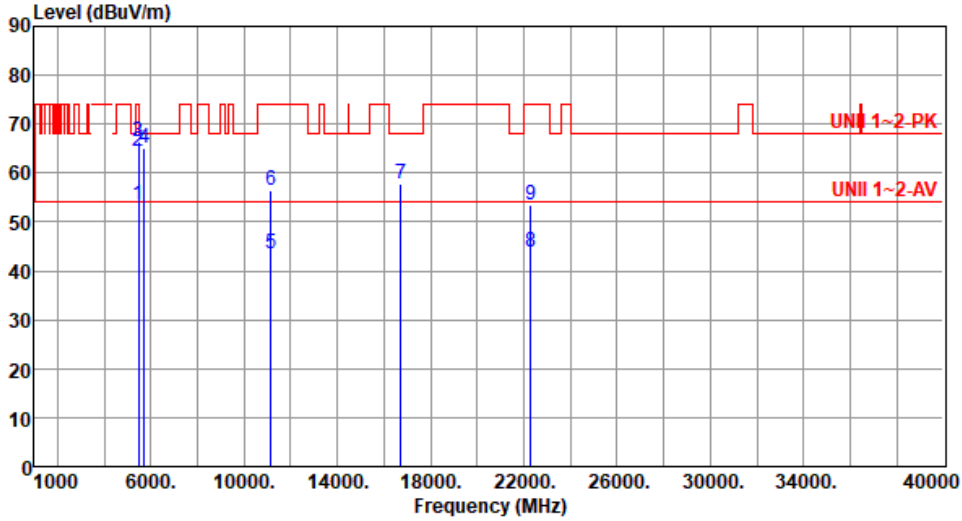


| | | | | | | | | | |
|--|----------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE160-OFDMA | Test Freq. (MHz) | 5570 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | |
| <p>The plot shows a red stepped line representing the emission level and a horizontal red line at 54 dBuV/m representing the UNII 1-2-AV limit. Several peaks are marked with blue vertical lines and numbered 1 through 9. The x-axis ranges from 1000 to 40000 MHz, and the y-axis ranges from 0 to 90 dBuV/m.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 53.42 | 54.00 | -0.58 | 52.84 | 0.58 | Average | 214 | 286 |
| 2 | 5460.00 | 65.65 | 74.00 | -8.35 | 65.07 | 0.58 | Peak | 214 | 286 |
| 3 | 5470.00 | 67.85 | 68.20 | -0.35 | 67.26 | 0.59 | Peak | 214 | 286 |
| 4 | 5725.00 | 66.35 | 68.20 | -1.85 | 65.42 | 0.93 | Peak | 214 | 300 |
| 5 | 11140.00 | 43.33 | 54.00 | -10.67 | 34.55 | 8.78 | Average | 100 | 241 |
| 6 | 11140.00 | 56.46 | 74.00 | -17.54 | 47.68 | 8.78 | Peak | 100 | 241 |
| 7 | 16710.00 | 57.30 | 68.20 | -10.90 | 50.23 | 7.07 | Peak | 100 | 103 |
| 8 | 22280.00 | 45.04 | 54.00 | -8.96 | 39.62 | 5.42 | Average | 147 | 110 |
| 9 | 22280.00 | 54.67 | 74.00 | -19.33 | 49.25 | 5.42 | Peak | 147 | 110 |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | |



| | | | |
|--------------|----------------|------------------|------|
| Modulation | ax HE160-OFDMA | Test Freq. (MHz) | 5570 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 53.52 | 54.00 | -0.48 | 52.94 | 0.58 | Average | 214 | 121 |
| 2 | 5460.00 | 64.42 | 74.00 | -9.58 | 63.84 | 0.58 | Peak | 214 | 121 |
| 3 | 5470.00 | 66.49 | 68.20 | -1.71 | 65.90 | 0.59 | Peak | 214 | 121 |
| 4 | 5725.00 | 65.03 | 68.20 | -3.17 | 64.10 | 0.93 | Peak | 214 | 121 |
| 5 | 11140.00 | 43.64 | 54.00 | -10.36 | 34.86 | 8.78 | Average | 100 | 134 |
| 6 | 11140.00 | 56.37 | 74.00 | -17.63 | 47.59 | 8.78 | Peak | 100 | 134 |
| 7 | 16710.00 | 57.69 | 68.20 | -10.51 | 50.62 | 7.07 | Peak | 100 | 205 |
| 8 | 22280.00 | 43.91 | 54.00 | -10.09 | 38.49 | 5.42 | Average | 258 | 83 |
| 9 | 22280.00 | 53.58 | 74.00 | -20.42 | 48.16 | 5.42 | Peak | 258 | 83 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

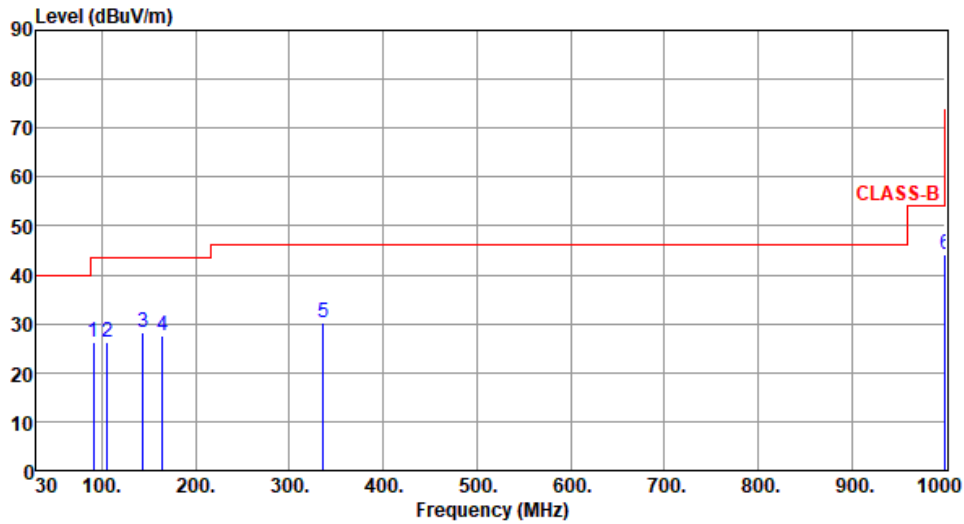


Beamforming mode

Unwanted Emissions (Below 1GHz)

| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 22 Humidity(%): 64



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|
| 1 | 91.11 | 26.40 | 43.50 | -17.10 | 40.86 | -14.46 | Peak | --- | --- |
| 2 | 105.66 | 26.25 | 43.50 | -17.25 | 38.73 | -12.48 | Peak | --- | --- |
| 3 | 143.49 | 28.18 | 43.50 | -15.32 | 36.99 | -8.81 | Peak | --- | --- |
| 4 | 164.83 | 27.51 | 43.50 | -15.99 | 36.19 | -8.68 | Peak | --- | --- |
| 5 | 336.52 | 30.07 | 46.00 | -15.93 | 36.82 | -6.75 | Peak | --- | --- |
| 6 | 1000.00 | 44.12 | 54.00 | -9.88 | 37.36 | 6.76 | Peak | --- | --- |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

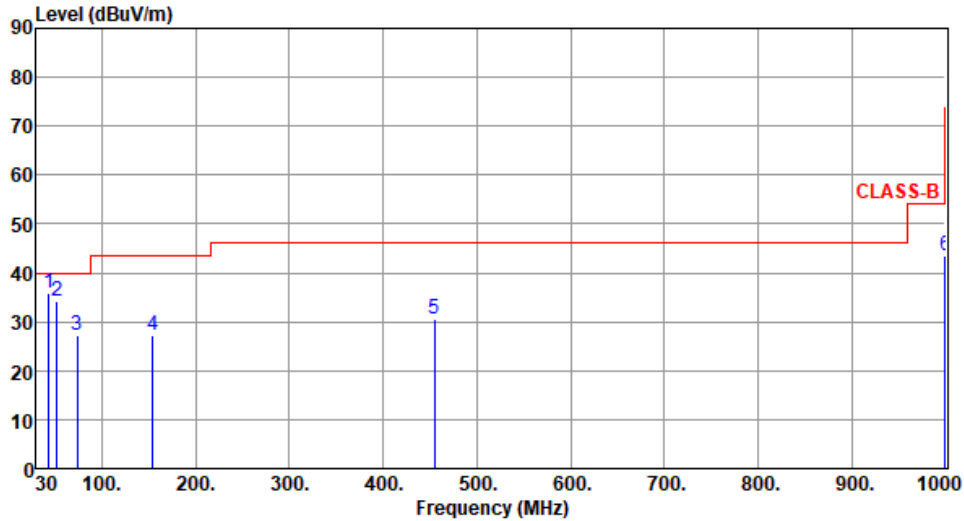
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Polarization | Vertical | | |

Test By : Sean Yu Temperature(°C): 22 Humidity(%): 64



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|
| 1 | 43.56 | 35.73 | 40.00 | -4.27 | 44.54 | -8.81 | Peak | --- | --- |
| 2 | 52.31 | 34.18 | 40.00 | -5.82 | 42.59 | -8.41 | Peak | --- | --- |
| 3 | 73.65 | 27.36 | 40.00 | -12.64 | 39.33 | -11.97 | Peak | --- | --- |
| 4 | 154.16 | 27.15 | 43.50 | -16.35 | 35.55 | -8.40 | Peak | --- | --- |
| 5 | 454.86 | 30.57 | 46.00 | -15.43 | 33.83 | -3.26 | Peak | --- | --- |
| 6 | 1000.00 | 43.37 | 54.00 | -10.63 | 36.61 | 6.76 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

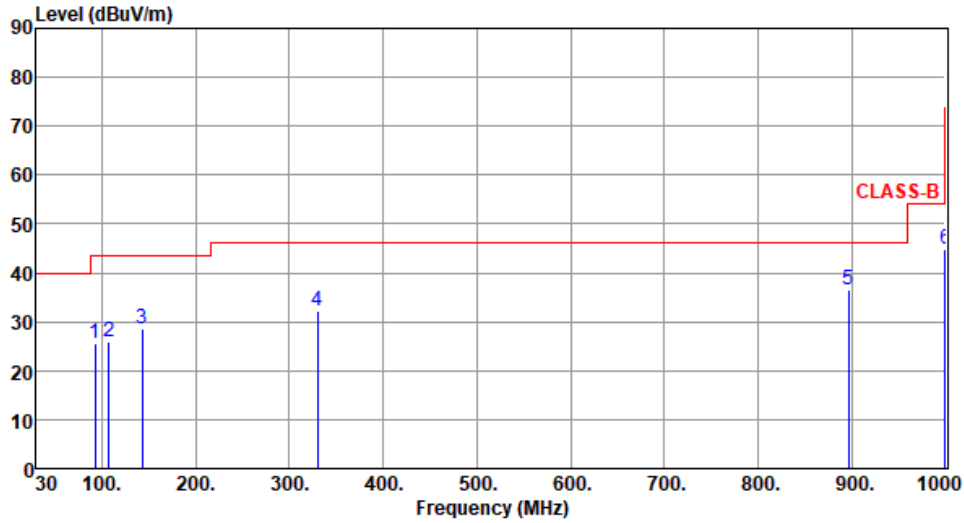
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5775 |
| Polarization | Horizontal | | |

Test By :Sean Yu Temperature(°C):22 Humidity(%):64



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|
| 1 | 93.05 | 25.70 | 43.50 | -17.80 | 39.86 | -14.16 | Peak | --- | --- |
| 2 | 107.60 | 26.00 | 43.50 | -17.50 | 38.24 | -12.24 | Peak | --- | --- |
| 3 | 142.52 | 28.45 | 43.50 | -15.05 | 37.37 | -8.92 | Peak | --- | --- |
| 4 | 329.73 | 32.12 | 46.00 | -13.88 | 39.02 | -6.90 | Peak | --- | --- |
| 5 | 896.21 | 36.69 | 46.00 | -9.31 | 31.31 | 5.38 | Peak | --- | --- |
| 6 | 1000.00 | 44.93 | 54.00 | -9.07 | 38.17 | 6.76 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

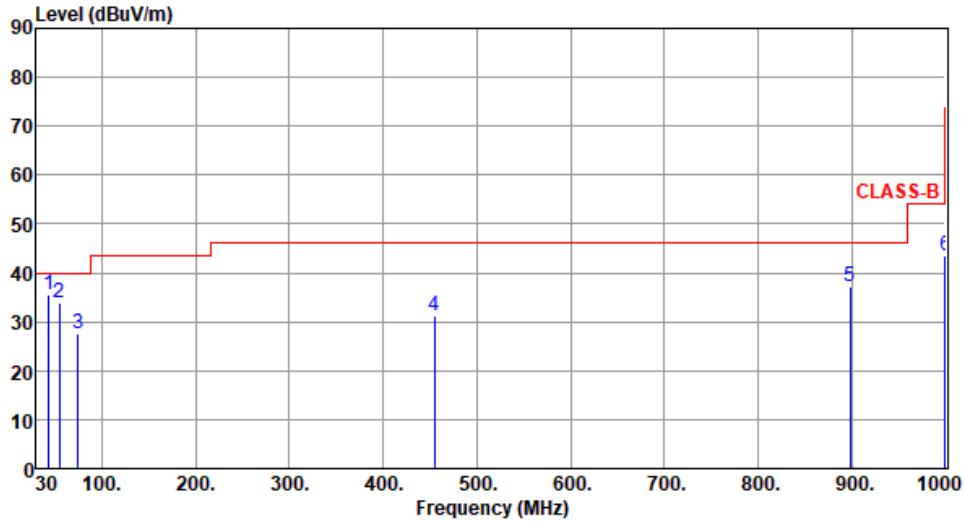
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5775 |
| Polarization | Vertical | | |

Test By :Sean Yu Temperature(°C):22 Humidity(%):64



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|
| 1 | 43.58 | 35.47 | 40.00 | -4.53 | 44.28 | -8.81 | Peak | --- | --- |
| 2 | 54.25 | 33.94 | 40.00 | -6.06 | 42.43 | -8.49 | Peak | --- | --- |
| 3 | 74.62 | 27.44 | 40.00 | -12.56 | 39.60 | -12.16 | Peak | --- | --- |
| 4 | 454.86 | 31.24 | 46.00 | -14.76 | 34.50 | -3.26 | Peak | --- | --- |
| 5 | 898.15 | 37.34 | 46.00 | -8.66 | 31.84 | 5.50 | Peak | --- | --- |
| 6 | 1000.00 | 43.62 | 54.00 | -10.38 | 36.86 | 6.76 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA

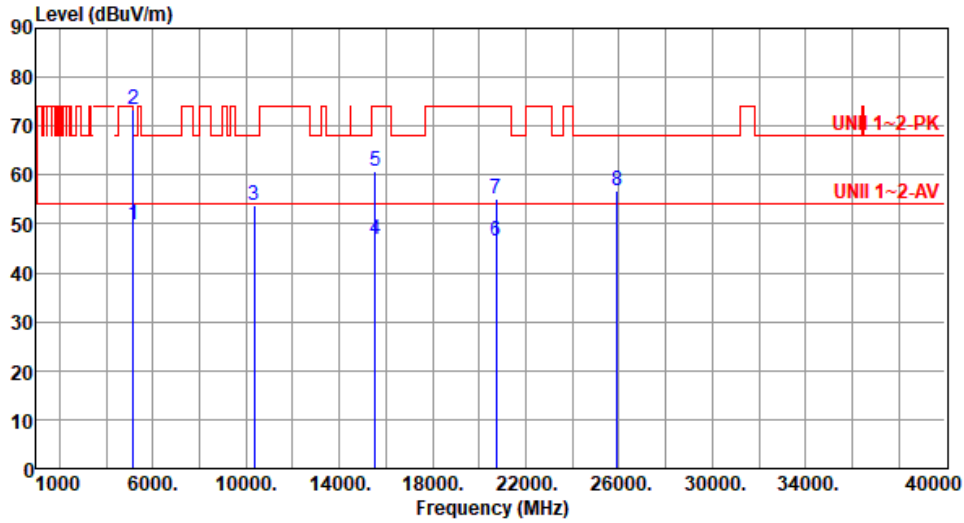
| | | | | | | | | | |
|---|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5180 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| <p>The graph displays the emission level in dBuV/m across a frequency range from 1000 to 40000 MHz. Two horizontal red lines represent limits: UNII 1~2-PK at approximately 70 dBuV/m and UNII 1~2-AV at approximately 55 dBuV/m. Eight specific peaks are marked with blue vertical lines and numbered 1 through 8. The emission level shows a series of peaks and valleys, with the highest peak (2) at 5150 MHz and another significant peak (8) at 25900 MHz.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 49.38 | 54.00 | -4.62 | 48.56 | 0.82 | Average | 257 | 250 |
| 2 | 5150.00 | 72.31 | 74.00 | -1.69 | 71.49 | 0.82 | Peak | 257 | 250 |
| 3 | 10360.00 | 58.16 | 68.20 | -10.04 | 49.67 | 8.49 | Peak | 155 | 5 |
| 4 | 15540.00 | 47.43 | 54.00 | -6.57 | 41.45 | 5.98 | Average | 163 | 11 |
| 5 | 15540.00 | 64.51 | 74.00 | -9.49 | 58.53 | 5.98 | Peak | 163 | 11 |
| 6 | 20720.00 | 53.84 | 54.00 | -0.16 | 50.50 | 3.34 | Average | 158 | 38 |
| 7 | 20720.00 | 62.11 | 74.00 | -11.89 | 58.77 | 3.34 | Peak | 158 | 38 |
| 8 | 25900.00 | 65.03 | 68.20 | -3.17 | 56.82 | 8.21 | Peak | 139 | 45 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5180 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 49.84 | 54.00 | -4.16 | 49.02 | 0.82 | Average | 161 | 103 |
| 2 | 5150.00 | 73.51 | 74.00 | -0.49 | 72.69 | 0.82 | Peak | 161 | 103 |
| 3 | 10360.00 | 53.96 | 68.20 | -14.24 | 45.47 | 8.49 | Peak | 100 | 125 |
| 4 | 15540.00 | 46.75 | 54.00 | -7.25 | 40.77 | 5.98 | Average | 115 | 108 |
| 5 | 15540.00 | 60.82 | 74.00 | -13.18 | 54.84 | 5.98 | Peak | 115 | 108 |
| 6 | 20720.00 | 46.52 | 54.00 | -7.48 | 43.18 | 3.34 | Average | 100 | 75 |
| 7 | 20720.00 | 55.21 | 74.00 | -18.79 | 51.87 | 3.34 | Peak | 100 | 75 |
| 8 | 25900.00 | 56.85 | 68.20 | -11.35 | 48.64 | 8.21 | Peak | 100 | 44 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

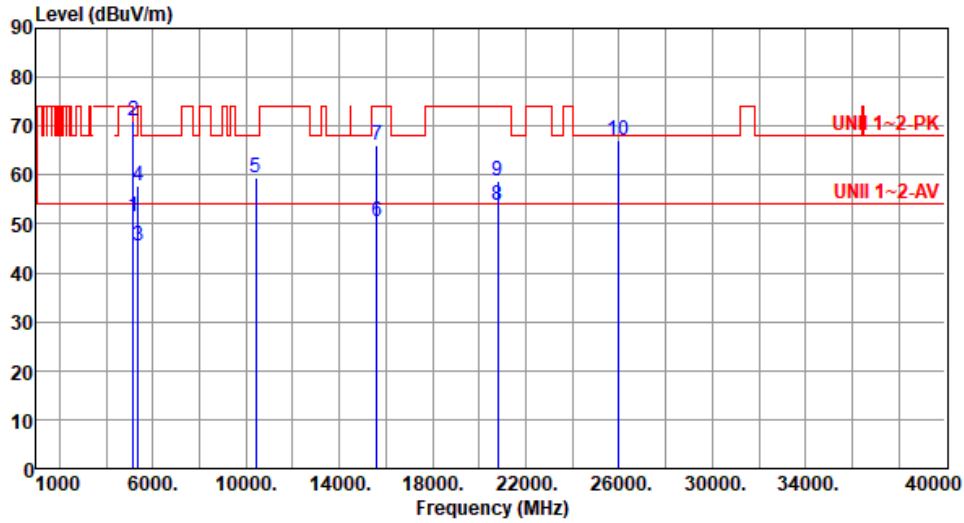
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5200 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 25 Humidity(%): 66



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 51.51 | 54.00 | -2.49 | 50.69 | 0.82 | Average | 216 | 149 |
| 2 | 5150.00 | 70.96 | 74.00 | -3.04 | 70.14 | 0.82 | Peak | 216 | 149 |
| 3 | 5350.00 | 45.66 | 54.00 | -8.34 | 45.52 | 0.14 | Average | 216 | 149 |
| 4 | 5350.00 | 57.68 | 74.00 | -16.32 | 57.54 | 0.14 | Peak | 216 | 149 |
| 5 | 10400.00 | 59.48 | 68.20 | -8.72 | 50.84 | 8.64 | Peak | 144 | 347 |
| 6 | 15600.00 | 50.53 | 54.00 | -3.47 | 44.78 | 5.75 | Average | 146 | 6 |
| 7 | 15600.00 | 66.14 | 74.00 | -7.86 | 60.39 | 5.75 | Peak | 146 | 6 |
| 8 | 20800.00 | 53.89 | 54.00 | -0.11 | 50.42 | 3.47 | Average | 134 | 299 |
| 9 | 20800.00 | 58.69 | 74.00 | -15.31 | 55.22 | 3.47 | Peak | 134 | 299 |
| 10 | 26000.00 | 67.15 | 68.20 | -1.05 | 58.92 | 8.23 | Peak | 129 | 339 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



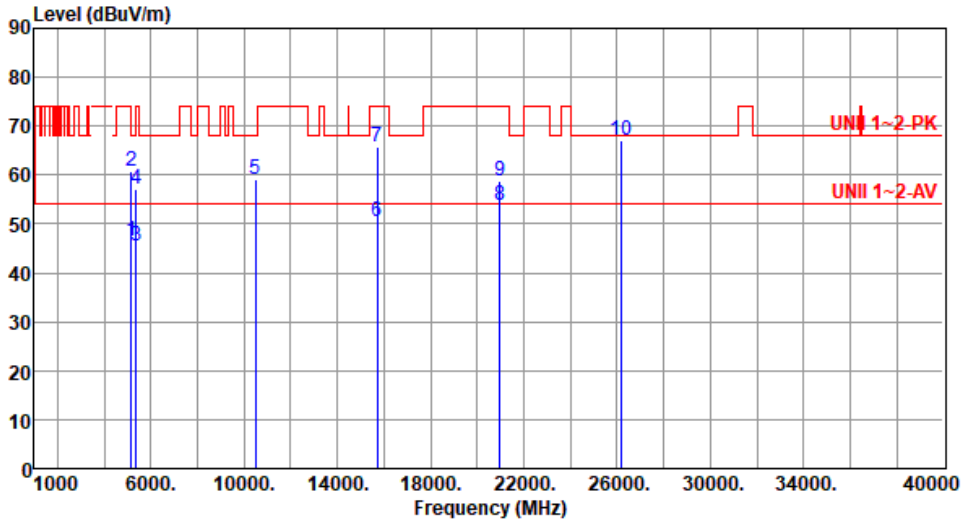
| | | | | | | | | | |
|----------------------|---------------|-----------------------------|-----------------|-----------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5200 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 25 | | Humidity(%): 66 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 50.74 | 54.00 | -3.26 | 49.92 | 0.82 | Average | 138 | 11 |
| 2 | 5150.00 | 71.27 | 74.00 | -2.73 | 70.45 | 0.82 | Peak | 138 | 11 |
| 3 | 5350.00 | 45.59 | 54.00 | -8.41 | 45.45 | 0.14 | Average | 138 | 11 |
| 4 | 5350.00 | 57.72 | 74.00 | -16.28 | 57.58 | 0.14 | Peak | 138 | 11 |
| 5 | 10400.00 | 55.36 | 68.20 | -12.84 | 46.72 | 8.64 | Peak | 141 | 349 |
| 6 | 15600.00 | 46.25 | 54.00 | -7.75 | 40.50 | 5.75 | Average | 207 | 4 |
| 7 | 15600.00 | 61.29 | 74.00 | -12.71 | 55.54 | 5.75 | Peak | 207 | 4 |
| 8 | 20800.00 | 43.65 | 54.00 | -10.35 | 40.18 | 3.47 | Average | 111 | 21 |
| 9 | 20800.00 | 54.42 | 74.00 | -19.58 | 50.95 | 3.47 | Peak | 111 | 21 |
| 10 | 26000.00 | 58.78 | 68.20 | -9.42 | 50.55 | 8.23 | Peak | 110 | 19 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5240 |
| Polarization | Horizontal | | |

Test By :Akun Chung Temperature(°C):25 Humidity(%):66



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 46.33 | 54.00 | -7.67 | 45.51 | 0.82 | Average | 222 | 155 |
| 2 | 5150.00 | 60.93 | 74.00 | -13.07 | 60.11 | 0.82 | Peak | 222 | 155 |
| 3 | 5350.00 | 45.36 | 54.00 | -8.64 | 45.22 | 0.14 | Average | 222 | 155 |
| 4 | 5350.00 | 57.09 | 74.00 | -16.91 | 56.95 | 0.14 | Peak | 222 | 155 |
| 5 | 10480.00 | 59.24 | 68.20 | -8.96 | 50.55 | 8.69 | Peak | 175 | 355 |
| 6 | 15720.00 | 50.38 | 54.00 | -3.62 | 44.66 | 5.72 | Average | 158 | 9 |
| 7 | 15720.00 | 65.67 | 74.00 | -8.33 | 59.95 | 5.72 | Peak | 158 | 9 |
| 8 | 20960.00 | 53.88 | 54.00 | -0.12 | 50.07 | 3.81 | Average | 144 | 303 |
| 9 | 20960.00 | 58.86 | 74.00 | -15.14 | 55.05 | 3.81 | Peak | 144 | 303 |
| 10 | 26200.00 | 67.10 | 68.20 | -1.10 | 58.67 | 8.43 | Peak | 131 | 340 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|----------------------|---------------|-----------------------------|-----------------|-----------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5240 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 25 | | Humidity(%): 66 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 47.33 | 54.00 | -6.67 | 46.51 | 0.82 | Average | 142 | 15 |
| 2 | 5150.00 | 60.84 | 74.00 | -13.16 | 60.02 | 0.82 | Peak | 142 | 15 |
| 3 | 5350.00 | 45.19 | 54.00 | -8.81 | 45.05 | 0.14 | Average | 142 | 15 |
| 4 | 5350.00 | 57.62 | 74.00 | -16.38 | 57.48 | 0.14 | Peak | 142 | 15 |
| 5 | 10480.00 | 55.94 | 68.20 | -12.26 | 47.25 | 8.69 | Peak | 100 | 129 |
| 6 | 15720.00 | 46.82 | 54.00 | -7.18 | 41.10 | 5.72 | Average | 196 | 91 |
| 7 | 15720.00 | 60.14 | 74.00 | -13.86 | 54.42 | 5.72 | Peak | 196 | 91 |
| 8 | 20960.00 | 44.82 | 54.00 | -9.18 | 41.01 | 3.81 | Average | 100 | 88 |
| 9 | 20960.00 | 54.24 | 74.00 | -19.76 | 50.43 | 3.81 | Peak | 100 | 88 |
| 10 | 26200.00 | 57.29 | 68.20 | -10.91 | 48.86 | 8.43 | Peak | 100 | 16 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

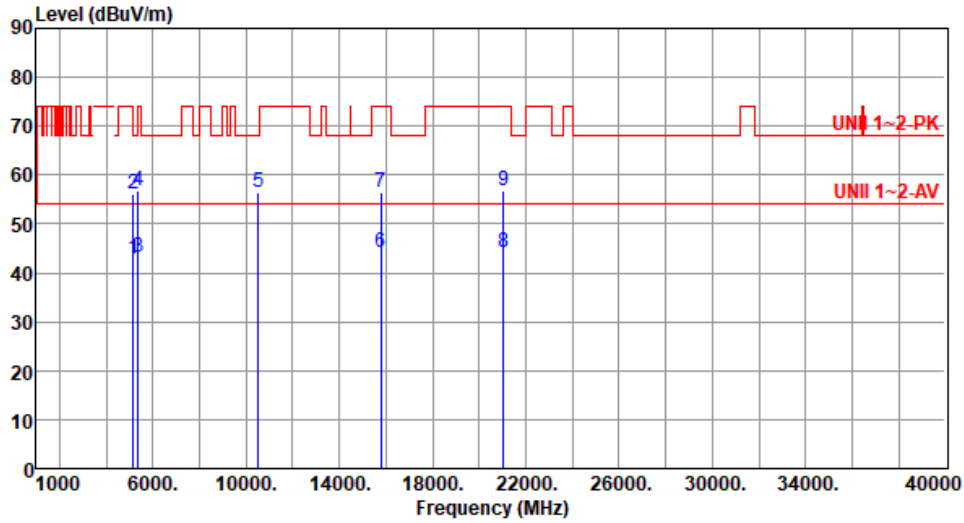


| | | | | | | | | | |
|---|---------------|-------------------------|--------|----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5260 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):65 | | | | | |
| <p>The plot shows emission levels across a frequency range from 1000 to 40000 MHz. A red line indicates the UNII 1-2-PK limit at approximately 70 dBuV/m, and a blue line indicates the UNII 1-2-AV limit at approximately 55 dBuV/m. Several peaks are marked with blue vertical lines and numbered 1 through 9.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5150.00 | 43.26 | 54.00 | -10.74 | 42.44 | 0.82 | Average | 266 | 255 |
| 2 | 5150.00 | 56.48 | 74.00 | -17.52 | 55.66 | 0.82 | Peak | 266 | 255 |
| 3 | 5350.00 | 43.53 | 54.00 | -10.47 | 43.39 | 0.14 | Average | 266 | 255 |
| 4 | 5350.00 | 57.93 | 74.00 | -16.07 | 57.79 | 0.14 | Peak | 266 | 255 |
| 5 | 10520.00 | 57.51 | 68.20 | -10.69 | 48.79 | 8.72 | Peak | 100 | 328 |
| 6 | 15780.00 | 45.47 | 54.00 | -8.53 | 39.80 | 5.67 | Average | 100 | 341 |
| 7 | 15780.00 | 57.39 | 74.00 | -16.61 | 51.72 | 5.67 | Peak | 100 | 341 |
| 8 | 21040.00 | 52.48 | 54.00 | -1.52 | 48.54 | 3.94 | Average | 221 | 338 |
| 9 | 21040.00 | 57.19 | 74.00 | -16.81 | 53.25 | 3.94 | Peak | 221 | 338 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 43.00 | 54.00 | -11.00 | 42.18 | 0.82 | Average | 265 | 110 |
| 2 | 5150.00 | 56.15 | 74.00 | -17.85 | 55.33 | 0.82 | Peak | 265 | 110 |
| 3 | 5350.00 | 43.32 | 54.00 | -10.68 | 43.18 | 0.14 | Average | 265 | 110 |
| 4 | 5350.00 | 56.91 | 74.00 | -17.09 | 56.77 | 0.14 | Peak | 265 | 110 |
| 5 | 10520.00 | 56.59 | 68.20 | -11.61 | 47.87 | 8.72 | Peak | 100 | 41 |
| 6 | 15780.00 | 44.12 | 54.00 | -9.88 | 38.45 | 5.67 | Average | 100 | 75 |
| 7 | 15780.00 | 56.62 | 74.00 | -17.38 | 50.95 | 5.67 | Peak | 100 | 75 |
| 8 | 21040.00 | 44.16 | 54.00 | -9.84 | 40.22 | 3.94 | Average | 100 | 119 |
| 9 | 21040.00 | 56.69 | 74.00 | -17.31 | 52.75 | 3.94 | Peak | 100 | 119 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

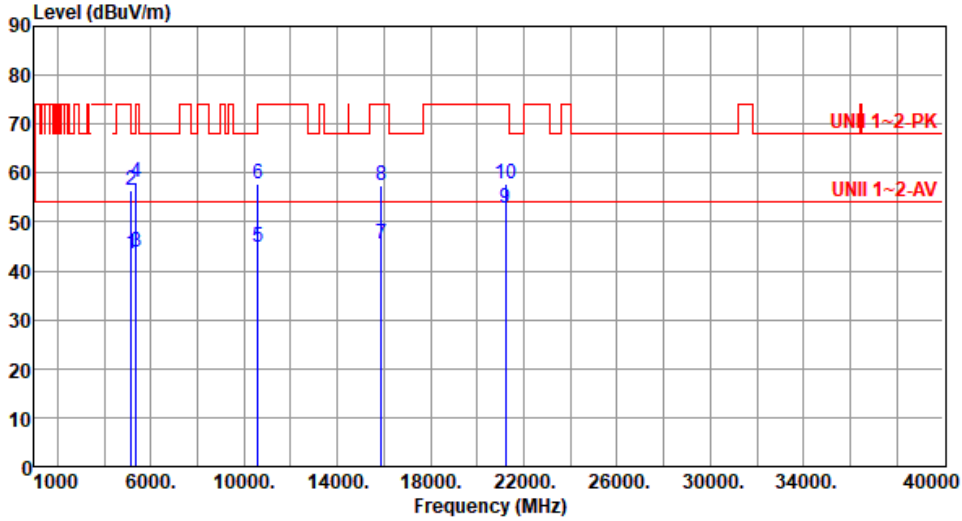
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 43.40 | 54.00 | -10.60 | 42.58 | 0.82 | Average | 255 | 244 |
| 2 | 5150.00 | 56.30 | 74.00 | -17.70 | 55.48 | 0.82 | Peak | 255 | 244 |
| 3 | 5350.00 | 43.68 | 54.00 | -10.32 | 43.54 | 0.14 | Average | 255 | 244 |
| 4 | 5350.00 | 58.02 | 74.00 | -15.98 | 57.88 | 0.14 | Peak | 255 | 244 |
| 5 | 10600.00 | 44.67 | 54.00 | -9.33 | 35.87 | 8.80 | Average | 100 | 333 |
| 6 | 10600.00 | 57.65 | 74.00 | -16.35 | 48.85 | 8.80 | Peak | 100 | 333 |
| 7 | 15900.00 | 45.40 | 54.00 | -8.60 | 39.76 | 5.64 | Average | 100 | 320 |
| 8 | 15900.00 | 57.40 | 74.00 | -16.60 | 51.76 | 5.64 | Peak | 100 | 320 |
| 9 | 21200.00 | 52.71 | 54.00 | -1.29 | 48.62 | 4.09 | Average | 240 | 351 |
| 10 | 21200.00 | 57.78 | 74.00 | -16.22 | 53.69 | 4.09 | Peak | 240 | 351 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

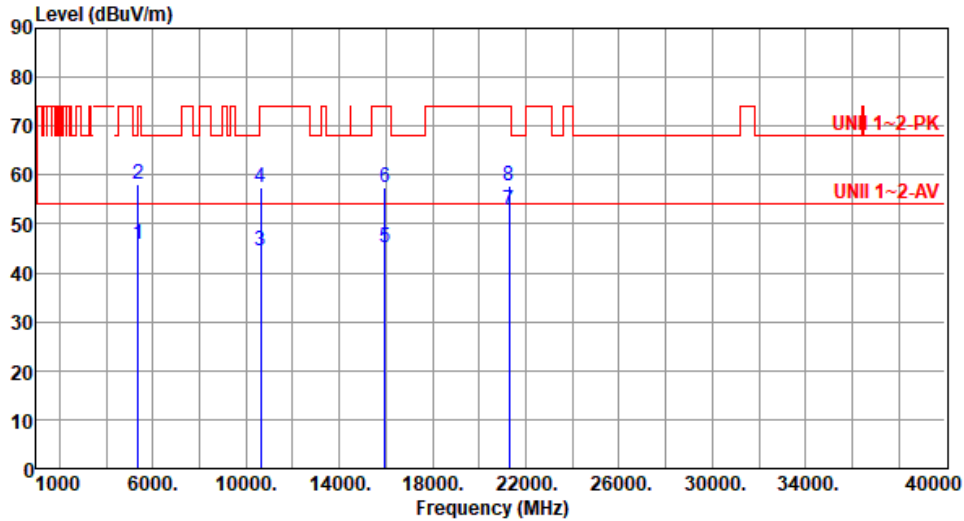


| | | | | | | | | | |
|--|---------------|-------------------------|--------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5300 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5150.00 | 43.05 | 54.00 | -10.95 | 42.23 | 0.82 | Average | 198 | 140 |
| 2 | 5150.00 | 56.03 | 74.00 | -17.97 | 55.21 | 0.82 | Peak | 198 | 140 |
| 3 | 5350.00 | 43.39 | 54.00 | -10.61 | 43.25 | 0.14 | Average | 198 | 140 |
| 4 | 5350.00 | 56.99 | 74.00 | -17.01 | 56.85 | 0.14 | Peak | 198 | 140 |
| 5 | 10600.00 | 43.67 | 54.00 | -10.33 | 34.87 | 8.80 | Average | 100 | 50 |
| 6 | 10600.00 | 56.58 | 74.00 | -17.42 | 47.78 | 8.80 | Peak | 100 | 50 |
| 7 | 15900.00 | 44.52 | 54.00 | -9.48 | 38.88 | 5.64 | Average | 100 | 94 |
| 8 | 15900.00 | 56.42 | 74.00 | -17.58 | 50.78 | 5.64 | Peak | 100 | 94 |
| 9 | 21200.00 | 45.21 | 54.00 | -8.79 | 41.12 | 4.09 | Average | 105 | 118 |
| 10 | 21200.00 | 54.62 | 74.00 | -19.38 | 50.53 | 4.09 | Peak | 105 | 118 |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | |



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5350.00 | 45.97 | 54.00 | -8.03 | 45.83 | 0.14 | Average | 230 | 251 |
| 2 | 5350.00 | 58.12 | 74.00 | -15.88 | 57.98 | 0.14 | Peak | 230 | 251 |
| 3 | 10640.00 | 44.55 | 54.00 | -9.45 | 35.75 | 8.80 | Average | 100 | 333 |
| 4 | 10640.00 | 57.57 | 74.00 | -16.43 | 48.77 | 8.80 | Peak | 100 | 333 |
| 5 | 15960.00 | 45.22 | 54.00 | -8.78 | 39.57 | 5.65 | Average | 100 | 348 |
| 6 | 15960.00 | 57.35 | 74.00 | -16.65 | 51.70 | 5.65 | Peak | 100 | 348 |
| 7 | 21280.00 | 52.68 | 54.00 | -1.32 | 48.50 | 4.18 | Average | 249 | 325 |
| 8 | 21280.00 | 57.71 | 74.00 | -16.29 | 53.53 | 4.18 | Peak | 249 | 325 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|---|---------------|-------------------------|--------|----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5320 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):65 | | | | | |
| <p>The plot shows emission levels across a frequency range from 1000 to 40000 MHz. A red line represents the emission level, and a horizontal red line at approximately 54 dBuV/m represents the UNII 1-2-AV limit. Vertical blue lines mark specific frequencies: 1 (5350 MHz), 2 (5350 MHz), 3 (10640 MHz), 4 (10640 MHz), 5 (15960 MHz), 6 (15960 MHz), 7 (21280 MHz), and 8 (21280 MHz). A red label 'UNII 1-2-PK' is also present.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5350.00 | 47.00 | 54.00 | -7.00 | 46.86 | 0.14 | Average | 202 | 137 |
| 2 | 5350.00 | 61.47 | 74.00 | -12.53 | 61.33 | 0.14 | Peak | 202 | 137 |
| 3 | 10640.00 | 44.22 | 54.00 | -9.78 | 35.42 | 8.80 | Average | 100 | 41 |
| 4 | 10640.00 | 56.16 | 74.00 | -17.84 | 47.36 | 8.80 | Peak | 100 | 41 |
| 5 | 15960.00 | 45.52 | 54.00 | -8.48 | 39.87 | 5.65 | Average | 100 | 66 |
| 6 | 15960.00 | 56.50 | 74.00 | -17.50 | 50.85 | 5.65 | Peak | 100 | 66 |
| 7 | 21280.00 | 45.72 | 54.00 | -8.28 | 41.54 | 4.18 | Average | 100 | 111 |
| 8 | 21280.00 | 54.83 | 74.00 | -19.17 | 50.65 | 4.18 | Peak | 100 | 111 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5500 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| <p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 40000). A red stepped line represents the emission level, and a horizontal red line at approximately 55 dBuV/m represents the UNII 1~2-AV limit. A red arrow points to a peak at 5460 MHz labeled 'UNII 1~2-PK'. Blue vertical lines with arrows point to specific frequency points labeled 2, 3, 5, 6, and 7.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 44.42 | 54.00 | -9.58 | 43.84 | 0.58 | Average | 218 | 112 |
| 2 | 5460.00 | 56.23 | 74.00 | -17.77 | 55.65 | 0.58 | Peak | 218 | 112 |
| 3 | 5470.00 | 58.55 | 68.20 | -9.65 | 57.96 | 0.59 | Peak | 218 | 112 |
| 4 | 11000.00 | 45.02 | 54.00 | -8.98 | 35.81 | 9.21 | Average | 100 | 305 |
| 5 | 11000.00 | 57.96 | 74.00 | -16.04 | 48.75 | 9.21 | Peak | 100 | 305 |
| 6 | 16500.00 | 59.78 | 68.20 | -8.42 | 52.79 | 6.99 | Peak | 100 | 328 |
| 7 | 22000.00 | 57.56 | 68.20 | -10.64 | 52.54 | 5.02 | Peak | 185 | 345 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|------|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|------|-----|---|----------|-------|-------|-------|-------|------|---------|----|---|----------|-------|-------|--------|-------|------|------|----|---|----------|-------|-------|--------|-------|------|------|----|---|----------|-------|-------|--------|-------|------|------|-----|--|--|--|
| Polarization | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test By :Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5460.00</td> <td>45.55</td> <td>54.00</td> <td>-8.45</td> <td>44.97</td> <td>0.58</td> <td>Average</td> <td>200</td> </tr> <tr> <td>2</td> <td>5460.00</td> <td>58.42</td> <td>74.00</td> <td>-15.58</td> <td>57.84</td> <td>0.58</td> <td>Peak</td> <td>128</td> </tr> <tr> <td>3</td> <td>5470.00</td> <td>61.48</td> <td>68.20</td> <td>-6.72</td> <td>60.89</td> <td>0.59</td> <td>Peak</td> <td>128</td> </tr> <tr> <td>4</td> <td>11000.00</td> <td>44.16</td> <td>54.00</td> <td>-9.84</td> <td>34.95</td> <td>9.21</td> <td>Average</td> <td>66</td> </tr> <tr> <td>5</td> <td>11000.00</td> <td>56.96</td> <td>74.00</td> <td>-17.04</td> <td>47.75</td> <td>9.21</td> <td>Peak</td> <td>66</td> </tr> <tr> <td>6</td> <td>16500.00</td> <td>54.44</td> <td>68.20</td> <td>-13.76</td> <td>47.45</td> <td>6.99</td> <td>Peak</td> <td>95</td> </tr> <tr> <td>7</td> <td>22000.00</td> <td>56.80</td> <td>68.20</td> <td>-11.40</td> <td>51.78</td> <td>5.02</td> <td>Peak</td> <td>167</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg | 1 | 5460.00 | 45.55 | 54.00 | -8.45 | 44.97 | 0.58 | Average | 200 | 2 | 5460.00 | 58.42 | 74.00 | -15.58 | 57.84 | 0.58 | Peak | 128 | 3 | 5470.00 | 61.48 | 68.20 | -6.72 | 60.89 | 0.59 | Peak | 128 | 4 | 11000.00 | 44.16 | 54.00 | -9.84 | 34.95 | 9.21 | Average | 66 | 5 | 11000.00 | 56.96 | 74.00 | -17.04 | 47.75 | 9.21 | Peak | 66 | 6 | 16500.00 | 54.44 | 68.20 | -13.76 | 47.45 | 6.99 | Peak | 95 | 7 | 22000.00 | 56.80 | 68.20 | -11.40 | 51.78 | 5.02 | Peak | 167 | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5460.00 | 45.55 | 54.00 | -8.45 | 44.97 | 0.58 | Average | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5460.00 | 58.42 | 74.00 | -15.58 | 57.84 | 0.58 | Peak | 128 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5470.00 | 61.48 | 68.20 | -6.72 | 60.89 | 0.59 | Peak | 128 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 11000.00 | 44.16 | 54.00 | -9.84 | 34.95 | 9.21 | Average | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 11000.00 | 56.96 | 74.00 | -17.04 | 47.75 | 9.21 | Peak | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 16500.00 | 54.44 | 68.20 | -13.76 | 47.45 | 6.99 | Peak | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 22000.00 | 56.80 | 68.20 | -11.40 | 51.78 | 5.02 | Peak | 167 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5580 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| <p>The plot shows a red stepped line representing the emission level across a frequency range from 1000 to 40000 MHz. A horizontal red line at approximately 54 dBuV/m represents the UNII 1-2-AV limit. Several peaks are marked with blue vertical lines and numbered 1 through 9. The emission level is generally between 60 and 75 dBuV/m, with peaks reaching up to 58.8 dBuV/m.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 46.35 | 54.00 | -7.65 | 45.77 | 0.58 | Average | 225 | 80 |
| 2 | 5460.00 | 57.45 | 74.00 | -16.55 | 56.87 | 0.58 | Peak | 225 | 80 |
| 3 | 5470.00 | 58.16 | 68.20 | -10.04 | 57.57 | 0.59 | Peak | 225 | 80 |
| 4 | 5725.00 | 58.80 | 68.20 | -9.40 | 57.87 | 0.93 | Peak | 225 | 80 |
| 5 | 11160.00 | 44.50 | 54.00 | -9.50 | 35.77 | 8.73 | Average | 100 | 315 |
| 6 | 11160.00 | 57.55 | 74.00 | -16.45 | 48.82 | 8.73 | Peak | 100 | 315 |
| 7 | 16740.00 | 59.91 | 68.20 | -8.29 | 52.88 | 7.03 | Peak | 100 | 333 |
| 8 | 22320.00 | 51.05 | 54.00 | -2.95 | 45.51 | 5.54 | Average | 176 | 358 |
| 9 | 22320.00 | 58.20 | 74.00 | -15.80 | 52.66 | 5.54 | Peak | 176 | 358 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

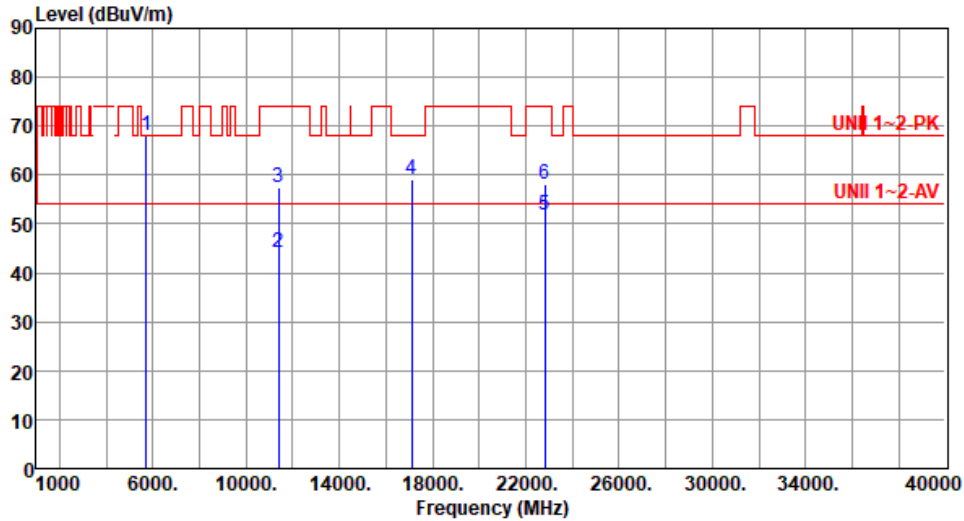


| | | | | | | | | | |
|--|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5580 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red stepped line representing the emission level across a frequency range from 1000 to 40000 MHz. Two horizontal red lines indicate limits: UNII 1-2-PK at approximately 68 dBuV/m and UNII 1-2-AV at approximately 54 dBuV/m. Several peaks are marked with blue vertical lines and numbered 1 through 9.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 45.85 | 54.00 | -8.15 | 45.27 | 0.58 | Average | 199 | 133 |
| 2 | 5460.00 | 56.05 | 74.00 | -17.95 | 55.47 | 0.58 | Peak | 199 | 133 |
| 3 | 5470.00 | 56.85 | 68.20 | -11.35 | 56.26 | 0.59 | Peak | 199 | 133 |
| 4 | 5725.00 | 57.03 | 68.20 | -11.17 | 56.10 | 0.93 | Peak | 199 | 133 |
| 5 | 11160.00 | 43.67 | 54.00 | -10.33 | 34.94 | 8.73 | Average | 100 | 111 |
| 6 | 11160.00 | 56.61 | 74.00 | -17.39 | 47.88 | 8.73 | Peak | 100 | 111 |
| 7 | 16740.00 | 58.90 | 68.20 | -9.30 | 51.87 | 7.03 | Peak | 100 | 99 |
| 8 | 22320.00 | 47.49 | 54.00 | -6.51 | 41.95 | 5.54 | Average | 288 | 119 |
| 9 | 22320.00 | 56.31 | 74.00 | -17.69 | 50.77 | 5.54 | Peak | 288 | 119 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 68.08 | 68.20 | -0.12 | 67.15 | 0.93 | Peak | 224 | 111 |
| 2 | 11400.00 | 44.23 | 54.00 | -9.77 | 35.67 | 8.56 | Average | 100 | 324 |
| 3 | 11400.00 | 57.30 | 74.00 | -16.70 | 48.74 | 8.56 | Peak | 100 | 324 |
| 4 | 17100.00 | 59.17 | 68.20 | -9.03 | 52.75 | 6.42 | Peak | 100 | 328 |
| 5 | 22800.00 | 51.90 | 54.00 | -2.10 | 45.33 | 6.57 | Average | 188 | 350 |
| 6 | 22800.00 | 58.15 | 74.00 | -15.85 | 51.58 | 6.57 | Peak | 188 | 350 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

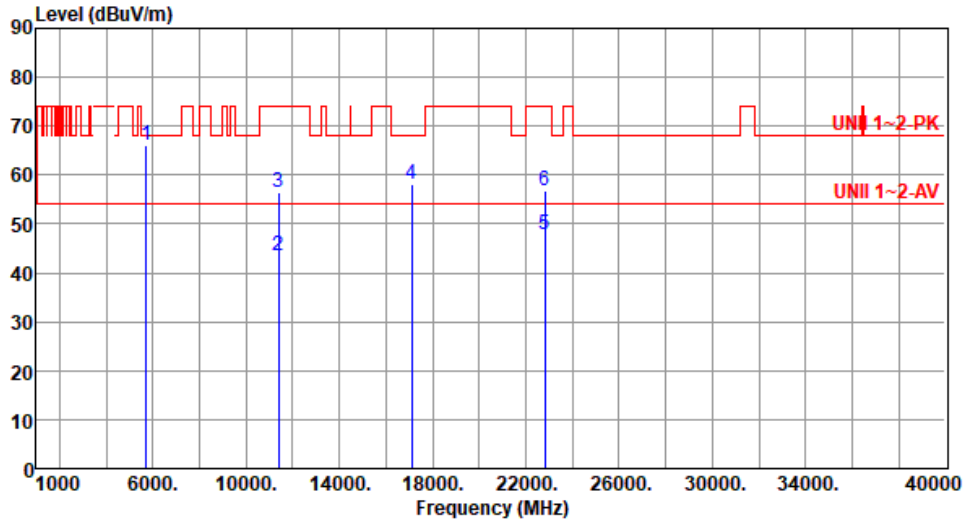
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5725.00 | 66.03 | 68.20 | -2.17 | 65.10 | 0.93 | Peak | 210 | 121 |
| 2 | 11400.00 | 43.51 | 54.00 | -10.49 | 34.95 | 8.56 | Average | 100 | 37 |
| 3 | 11400.00 | 56.41 | 74.00 | -17.59 | 47.85 | 8.56 | Peak | 100 | 37 |
| 4 | 17100.00 | 58.20 | 68.20 | -10.00 | 51.78 | 6.42 | Peak | 100 | 68 |
| 5 | 22800.00 | 47.98 | 54.00 | -6.02 | 41.41 | 6.57 | Average | 187 | 351 |
| 6 | 22800.00 | 56.82 | 74.00 | -17.18 | 50.25 | 6.57 | Peak | 187 | 351 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

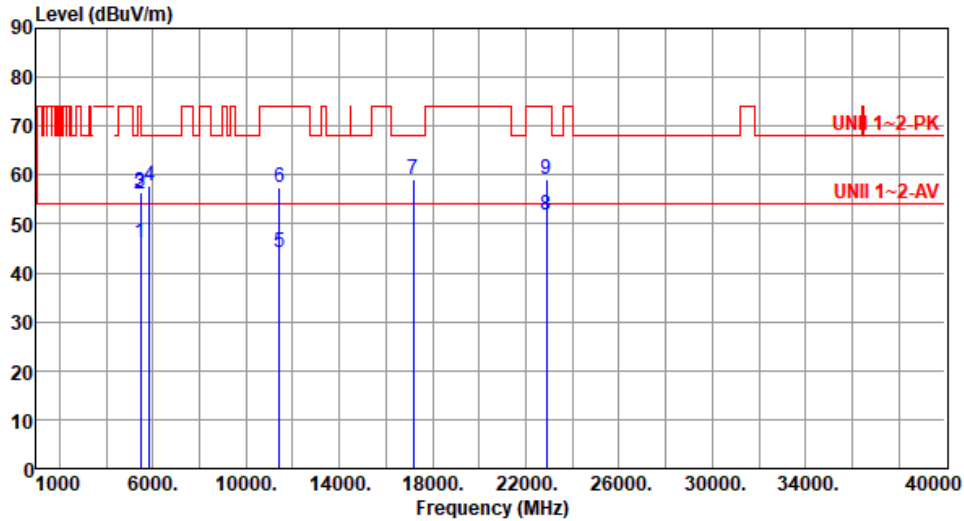
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 46.07 | 54.00 | -7.93 | 45.49 | 0.58 | Average | 222 | 79 |
| 2 | 5460.00 | 56.12 | 74.00 | -17.88 | 55.54 | 0.58 | Peak | 222 | 79 |
| 3 | 5470.00 | 56.48 | 68.20 | -11.72 | 55.89 | 0.59 | Peak | 222 | 79 |
| 4 | 5850.00 | 57.78 | 68.20 | -10.42 | 56.54 | 1.24 | Peak | 222 | 79 |
| 5 | 11440.00 | 44.31 | 54.00 | -9.69 | 35.69 | 8.62 | Average | 100 | 317 |
| 6 | 11440.00 | 57.37 | 74.00 | -16.63 | 48.75 | 8.62 | Peak | 100 | 317 |
| 7 | 17160.00 | 59.06 | 68.20 | -9.14 | 52.77 | 6.29 | Peak | 174 | 354 |
| 8 | 22880.00 | 51.85 | 54.00 | -2.15 | 45.15 | 6.70 | Average | 200 | 341 |
| 9 | 22880.00 | 59.15 | 74.00 | -14.85 | 52.45 | 6.70 | Peak | 200 | 341 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

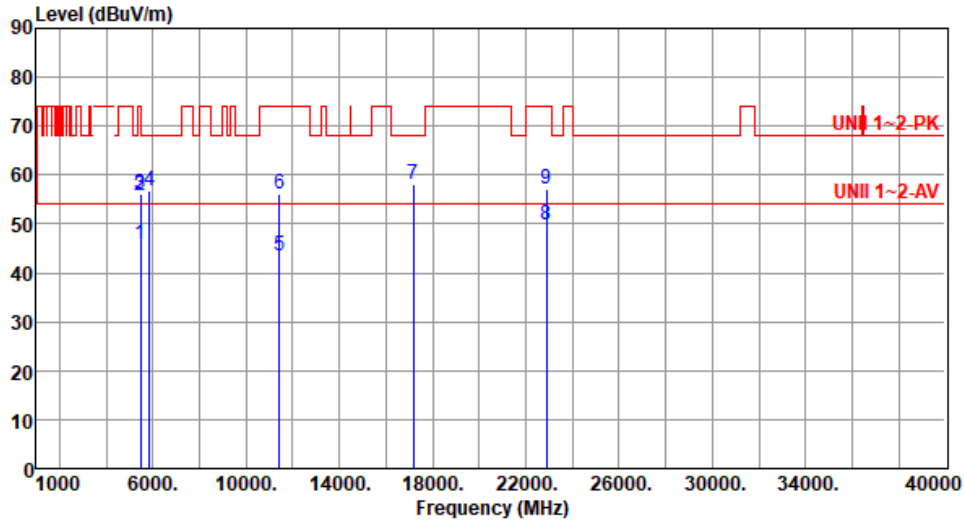
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 45.79 | 54.00 | -8.21 | 45.21 | 0.58 | Average | 166 | 141 |
| 2 | 5460.00 | 55.72 | 74.00 | -18.28 | 55.14 | 0.58 | Peak | 166 | 141 |
| 3 | 5470.00 | 56.20 | 68.20 | -12.00 | 55.61 | 0.59 | Peak | 166 | 141 |
| 4 | 5850.00 | 56.94 | 68.20 | -11.26 | 55.70 | 1.24 | Peak | 166 | 141 |
| 5 | 11440.00 | 43.45 | 54.00 | -10.55 | 34.83 | 8.62 | Average | 100 | 87 |
| 6 | 11440.00 | 56.20 | 74.00 | -17.80 | 47.58 | 8.62 | Peak | 100 | 87 |
| 7 | 17160.00 | 58.16 | 68.20 | -10.04 | 51.87 | 6.29 | Peak | 100 | 74 |
| 8 | 22880.00 | 49.94 | 54.00 | -4.06 | 43.24 | 6.70 | Average | 295 | 122 |
| 9 | 22880.00 | 57.14 | 74.00 | -16.86 | 50.44 | 6.70 | Peak | 295 | 122 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

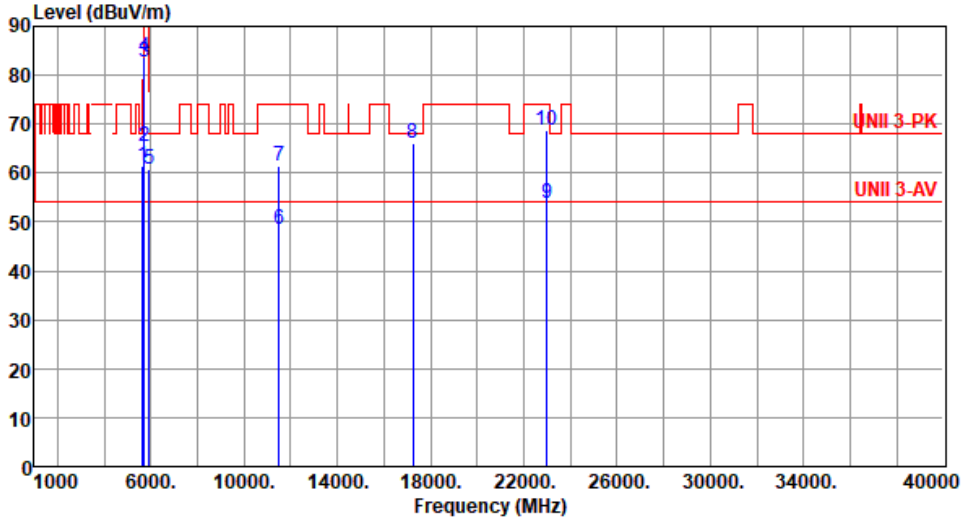
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5745 |
| Polarization | Horizontal | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 61.42 | 68.20 | -6.78 | 60.88 | 0.54 | Peak | 134 | 64 |
| 2 | 5700.00 | 65.31 | 105.20 | -39.89 | 64.45 | 0.86 | Peak | 134 | 64 |
| 3 | 5720.00 | 82.69 | 110.80 | -28.11 | 81.78 | 0.91 | Peak | 134 | 64 |
| 4 | 5725.00 | 83.81 | 122.20 | -38.39 | 82.88 | 0.93 | Peak | 134 | 64 |
| 5 | 5925.00 | 60.75 | 68.20 | -7.45 | 59.26 | 1.49 | Peak | 134 | 64 |
| 6 | 11490.00 | 48.64 | 54.00 | -5.36 | 39.93 | 8.71 | Average | 151 | 254 |
| 7 | 11490.00 | 61.55 | 74.00 | -12.45 | 52.84 | 8.71 | Peak | 151 | 254 |
| 8 | 17235.00 | 66.00 | 68.20 | -2.20 | 59.74 | 6.26 | Peak | 166 | 37 |
| 9 | 22980.00 | 53.87 | 54.00 | -0.13 | 47.00 | 6.87 | Average | 204 | 333 |
| 10 | 22980.00 | 68.88 | 74.00 | -5.12 | 62.01 | 6.87 | Peak | 204 | 333 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



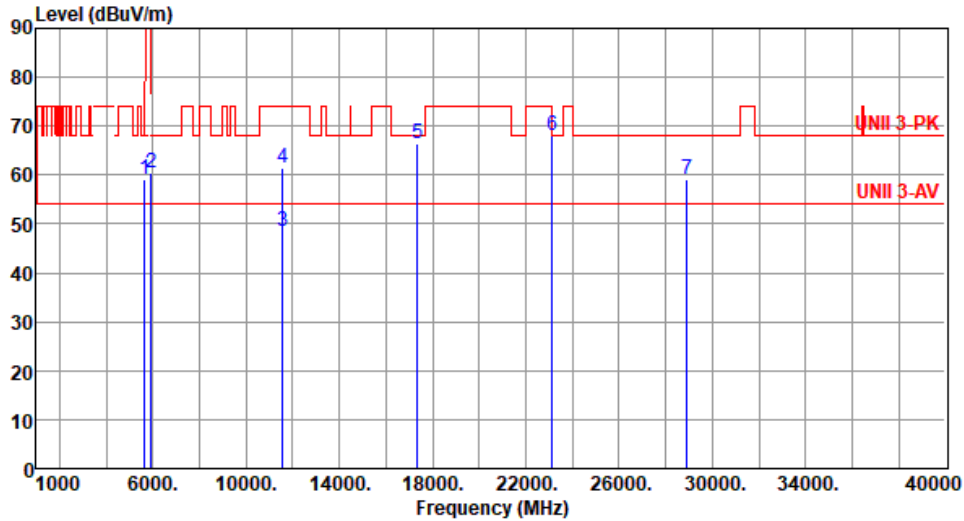
| | | | | | | | | | |
|---|---------------|-------------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5745 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 60.38 | 68.20 | -7.82 | 59.84 | 0.54 | Peak | 166 | 82 |
| 2 | 5700.00 | 68.11 | 105.20 | -37.09 | 67.25 | 0.86 | Peak | 166 | 82 |
| 3 | 5720.00 | 87.79 | 110.80 | -23.01 | 86.88 | 0.91 | Peak | 166 | 82 |
| 4 | 5725.00 | 90.06 | 122.20 | -32.14 | 89.13 | 0.93 | Peak | 166 | 82 |
| 5 | 5925.00 | 60.24 | 68.20 | -7.96 | 58.75 | 1.49 | Peak | 166 | 82 |
| 6 | 11490.00 | 47.14 | 54.00 | -6.86 | 38.43 | 8.71 | Average | 100 | 57 |
| 7 | 11490.00 | 60.48 | 74.00 | -13.52 | 51.77 | 8.71 | Peak | 100 | 57 |
| 8 | 17235.00 | 62.69 | 68.20 | -5.51 | 56.43 | 6.26 | Peak | 100 | 338 |
| 9 | 22980.00 | 50.45 | 54.00 | -3.55 | 43.58 | 6.87 | Average | 335 | 16 |
| 10 | 22980.00 | 58.35 | 74.00 | -15.65 | 51.48 | 6.87 | Peak | 335 | 16 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 59.28 | 68.20 | -8.92 | 58.74 | 0.54 | Peak | 139 | 71 |
| 2 | 5925.00 | 60.29 | 68.20 | -7.91 | 58.80 | 1.49 | Peak | 139 | 71 |
| 3 | 11570.00 | 48.41 | 54.00 | -5.59 | 39.82 | 8.59 | Average | 149 | 236 |
| 4 | 11570.00 | 61.57 | 74.00 | -12.43 | 52.98 | 8.59 | Peak | 149 | 236 |
| 5 | 17355.00 | 66.43 | 68.20 | -1.77 | 59.85 | 6.58 | Peak | 157 | 35 |
| 6 | 23140.00 | 68.07 | 68.20 | -0.13 | 61.08 | 6.99 | Peak | 208 | 304 |
| 7 | 28925.00 | 58.96 | 68.20 | -9.24 | 48.55 | 10.41 | Peak | 100 | 300 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

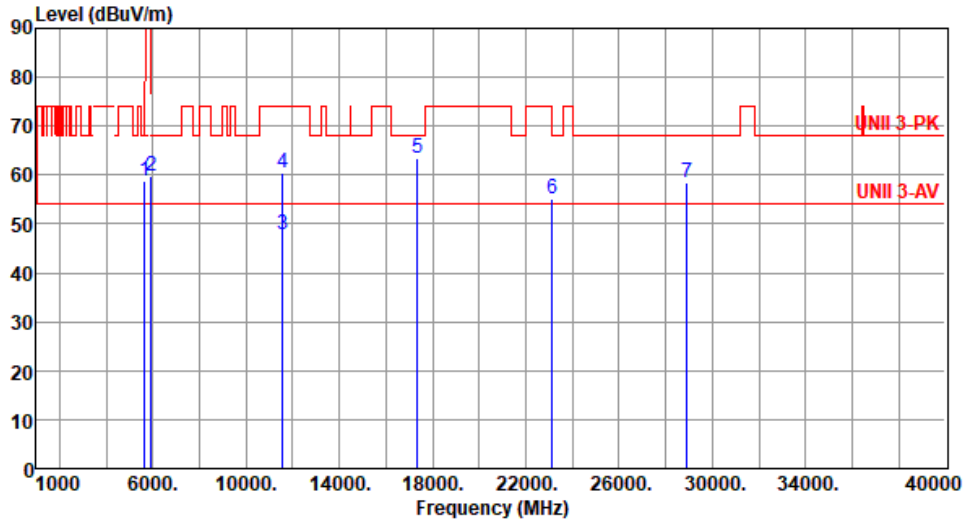
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5785 |
| Polarization | Vertical | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 58.86 | 68.20 | -9.34 | 58.32 | 0.54 | Peak | 183 | 88 |
| 2 | 5925.00 | 59.77 | 68.20 | -8.43 | 58.28 | 1.49 | Peak | 183 | 88 |
| 3 | 11570.00 | 47.87 | 54.00 | -6.13 | 39.28 | 8.59 | Average | 175 | 351 |
| 4 | 11570.00 | 60.40 | 74.00 | -13.60 | 51.81 | 8.59 | Peak | 175 | 351 |
| 5 | 17355.00 | 63.46 | 68.20 | -4.74 | 56.88 | 6.58 | Peak | 100 | 355 |
| 6 | 23140.00 | 55.24 | 68.20 | -12.96 | 48.25 | 6.99 | Peak | 337 | 10 |
| 7 | 28925.00 | 58.56 | 68.20 | -9.64 | 48.15 | 10.41 | Peak | 100 | 15 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5825 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 59.65 | 68.20 | -8.55 | 59.11 | 0.54 | Peak | 166 | 66 |
| 2 | 5850.00 | 83.71 | 122.20 | -38.49 | 82.47 | 1.24 | Peak | 166 | 66 |
| 3 | 5855.00 | 77.41 | 110.80 | -33.39 | 76.15 | 1.26 | Peak | 166 | 66 |
| 4 | 5875.00 | 65.24 | 105.20 | -39.96 | 63.88 | 1.36 | Peak | 166 | 66 |
| 5 | 5925.00 | 61.94 | 68.20 | -6.26 | 60.45 | 1.49 | Peak | 166 | 66 |
| 6 | 11650.00 | 47.94 | 54.00 | -6.06 | 39.71 | 8.23 | Average | 164 | 241 |
| 7 | 11650.00 | 61.11 | 74.00 | -12.89 | 52.88 | 8.23 | Peak | 164 | 241 |
| 8 | 17475.00 | 66.83 | 68.20 | -1.37 | 59.74 | 7.09 | Peak | 154 | 39 |
| 9 | 23300.00 | 68.06 | 68.20 | -0.14 | 60.97 | 7.09 | Peak | 257 | 315 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20-OFDMA | Test Freq. (MHz) | 5825 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 59.49 | 68.20 | -8.71 | 58.95 | 0.54 | Peak | 187 | 87 |
| 2 | 5850.00 | 81.93 | 122.20 | -40.27 | 80.69 | 1.24 | Peak | 187 | 87 |
| 3 | 5855.00 | 75.72 | 110.80 | -35.08 | 74.46 | 1.26 | Peak | 187 | 87 |
| 4 | 5875.00 | 66.14 | 105.20 | -39.06 | 64.78 | 1.36 | Peak | 187 | 87 |
| 5 | 5925.00 | 61.73 | 68.20 | -6.47 | 60.24 | 1.49 | Peak | 187 | 87 |
| 6 | 11650.00 | 46.94 | 54.00 | -7.06 | 38.71 | 8.23 | Average | 100 | 54 |
| 7 | 11650.00 | 59.89 | 74.00 | -14.11 | 51.66 | 8.23 | Peak | 100 | 54 |
| 8 | 17475.00 | 63.23 | 68.20 | -4.97 | 56.14 | 7.09 | Peak | 105 | 350 |
| 9 | 23300.00 | 57.96 | 68.20 | -10.24 | 50.87 | 7.09 | Peak | 333 | 12 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE40-OFDMA

| | | | | | | | | | |
|---|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5190 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 53.86 | 54.00 | -0.14 | 53.04 | 0.82 | Average | 241 | 249 |
| 2 | 5150.00 | 72.45 | 74.00 | -1.55 | 71.63 | 0.82 | Peak | 241 | 249 |
| 3 | 10380.00 | 55.42 | 68.20 | -12.78 | 46.85 | 8.57 | Peak | 100 | 201 |
| 4 | 15570.00 | 42.98 | 54.00 | -11.02 | 37.12 | 5.86 | Average | 100 | 105 |
| 5 | 15570.00 | 56.19 | 74.00 | -17.81 | 50.33 | 5.86 | Peak | 100 | 105 |
| 6 | 20760.00 | 53.64 | 54.00 | -0.36 | 50.25 | 3.39 | Average | 133 | 30 |
| 7 | 20760.00 | 60.57 | 74.00 | -13.43 | 57.18 | 3.39 | Peak | 133 | 30 |
| 8 | 25950.00 | 62.65 | 68.20 | -5.55 | 54.43 | 8.22 | Peak | 131 | 52 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



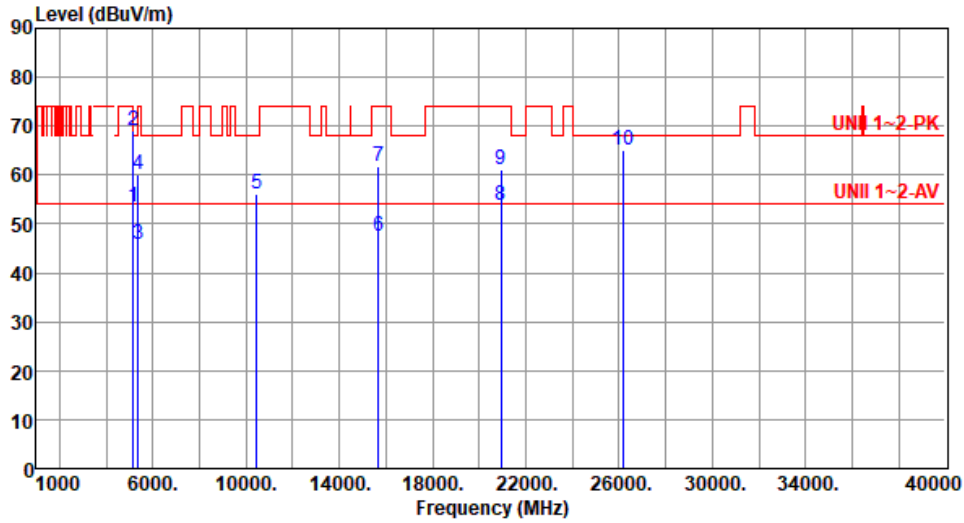
| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5190 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 53.67 | 54.00 | -0.33 | 52.85 | 0.82 | Average | 201 | 101 |
| 2 | 5150.00 | 72.07 | 74.00 | -1.93 | 71.25 | 0.82 | Peak | 201 | 101 |
| 3 | 10380.00 | 51.04 | 68.20 | -17.16 | 42.47 | 8.57 | Peak | 155 | 335 |
| 4 | 15570.00 | 42.74 | 54.00 | -11.26 | 36.88 | 5.86 | Average | 202 | 6 |
| 5 | 15570.00 | 55.97 | 74.00 | -18.03 | 50.11 | 5.86 | Peak | 202 | 6 |
| 6 | 20760.00 | 46.51 | 54.00 | -7.49 | 43.12 | 3.39 | Average | 115 | 28 |
| 7 | 20760.00 | 55.39 | 74.00 | -18.61 | 52.00 | 3.39 | Peak | 115 | 28 |
| 8 | 25950.00 | 57.43 | 68.20 | -10.77 | 49.21 | 8.22 | Peak | 115 | 22 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 53.58 | 54.00 | -0.42 | 52.76 | 0.82 | Average | 183 | 207 |
| 2 | 5150.00 | 69.07 | 74.00 | -4.93 | 68.25 | 0.82 | Peak | 183 | 207 |
| 3 | 5350.00 | 45.73 | 54.00 | -8.27 | 45.59 | 0.14 | Average | 183 | 246 |
| 4 | 5350.00 | 59.99 | 74.00 | -14.01 | 59.85 | 0.14 | Peak | 183 | 246 |
| 5 | 10460.00 | 56.28 | 68.20 | -11.92 | 47.60 | 8.68 | Peak | 100 | 202 |
| 6 | 15690.00 | 47.42 | 54.00 | -6.58 | 41.67 | 5.75 | Average | 103 | 33 |
| 7 | 15690.00 | 61.62 | 74.00 | -12.38 | 55.87 | 5.75 | Peak | 103 | 33 |
| 8 | 20920.00 | 53.81 | 54.00 | -0.19 | 50.08 | 3.73 | Average | 125 | 29 |
| 9 | 20920.00 | 61.12 | 74.00 | -12.88 | 57.39 | 3.73 | Peak | 125 | 29 |
| 10 | 26150.00 | 65.22 | 68.20 | -2.98 | 56.84 | 8.38 | Peak | 148 | 68 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



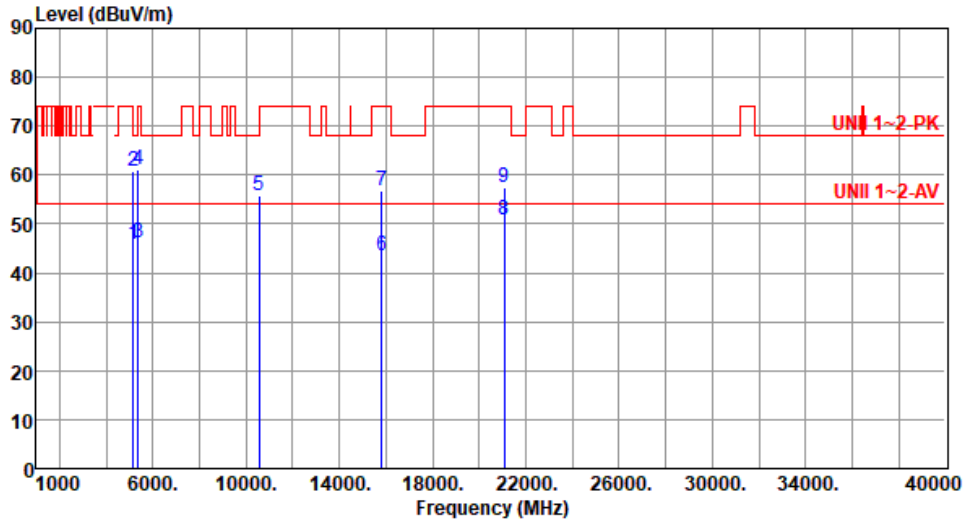
| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5230 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5150.00 | 53.32 | 54.00 | -0.68 | 52.50 | 0.82 | Average | 215 | 128 |
| 2 | 5150.00 | 71.40 | 74.00 | -2.60 | 70.58 | 0.82 | Peak | 215 | 128 |
| 3 | 5350.00 | 46.01 | 54.00 | -7.99 | 45.87 | 0.14 | Average | 222 | 104 |
| 4 | 5350.00 | 60.68 | 74.00 | -13.32 | 60.54 | 0.14 | Peak | 222 | 104 |
| 5 | 10460.00 | 52.19 | 68.20 | -16.01 | 43.51 | 8.68 | Peak | 145 | 351 |
| 6 | 15690.00 | 44.62 | 54.00 | -9.38 | 38.87 | 5.75 | Average | 222 | 6 |
| 7 | 15690.00 | 58.59 | 74.00 | -15.41 | 52.84 | 5.75 | Peak | 222 | 6 |
| 8 | 20920.00 | 50.48 | 54.00 | -3.52 | 46.75 | 3.73 | Average | 148 | 303 |
| 9 | 20920.00 | 59.28 | 74.00 | -14.72 | 55.55 | 3.73 | Peak | 148 | 303 |
| 10 | 26150.00 | 58.26 | 68.20 | -9.94 | 49.88 | 8.38 | Peak | 118 | 16 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 45.77 | 54.00 | -8.23 | 44.95 | 0.82 | Average | 280 | 251 |
| 2 | 5150.00 | 60.67 | 74.00 | -13.33 | 59.85 | 0.82 | Peak | 280 | 251 |
| 3 | 5350.00 | 46.02 | 54.00 | -7.98 | 45.88 | 0.14 | Average | 280 | 251 |
| 4 | 5350.00 | 61.01 | 74.00 | -12.99 | 60.87 | 0.14 | Peak | 280 | 251 |
| 5 | 10540.00 | 55.90 | 68.20 | -12.30 | 47.15 | 8.75 | Peak | 100 | 102 |
| 6 | 15810.00 | 43.60 | 54.00 | -10.40 | 37.96 | 5.64 | Average | 100 | 192 |
| 7 | 15810.00 | 56.79 | 74.00 | -17.21 | 51.15 | 5.64 | Peak | 100 | 192 |
| 8 | 21080.00 | 50.73 | 54.00 | -3.27 | 46.75 | 3.98 | Average | 126 | 22 |
| 9 | 21080.00 | 57.29 | 74.00 | -16.71 | 53.31 | 3.98 | Peak | 126 | 22 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

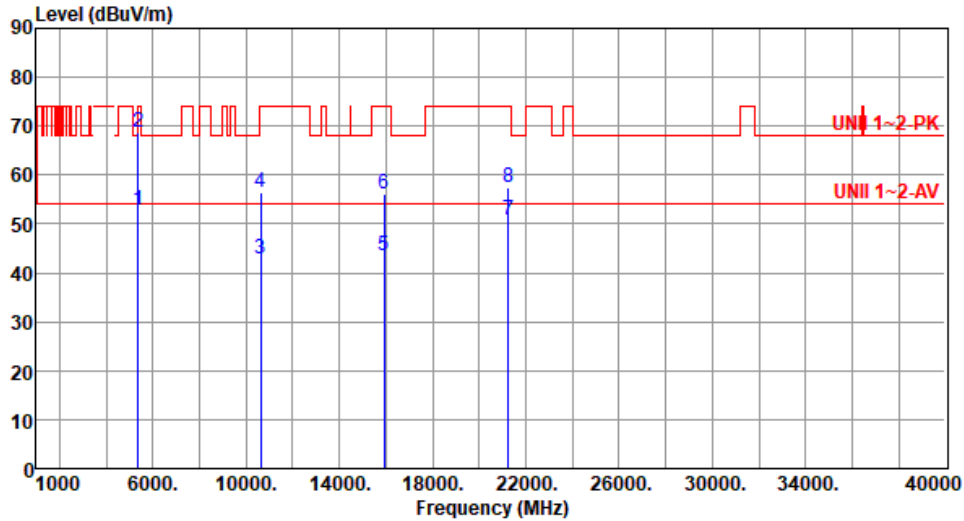


| | | | | | | | | | |
|---|---------------|-------------------------|--------|-----------------|------------|--------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5270 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red waveform representing the emission level across a frequency range from 1000 to 40000 MHz. A horizontal red line at approximately 55 dBuV/m is labeled 'UNII 1-2-AV'. Another horizontal red line at approximately 70 dBuV/m is labeled 'UNII 1-2-PK'. Several vertical blue lines are labeled with numbers 2, 5, 6, 7, 8, and 9, corresponding to the data points in the table below.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High cm | Turn Table deg |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | | |
| 1 | 5150.00 | 45.26 | 54.00 | -8.74 | 44.44 | 0.82 | Average | 255 | 95 |
| 2 | 5150.00 | 60.27 | 74.00 | -13.73 | 59.45 | 0.82 | Peak | 255 | 95 |
| 3 | 5350.00 | 45.66 | 54.00 | -8.34 | 45.52 | 0.14 | Average | 255 | 95 |
| 4 | 5350.00 | 60.02 | 74.00 | -13.98 | 59.88 | 0.14 | Peak | 255 | 95 |
| 5 | 10540.00 | 55.69 | 68.20 | -12.51 | 46.94 | 8.75 | Peak | 100 | 55 |
| 6 | 15810.00 | 43.09 | 54.00 | -10.91 | 37.45 | 5.64 | Average | 100 | 117 |
| 7 | 15810.00 | 56.53 | 74.00 | -17.47 | 50.89 | 5.64 | Peak | 100 | 117 |
| 8 | 21080.00 | 43.42 | 54.00 | -10.58 | 39.44 | 3.98 | Average | 100 | 115 |
| 9 | 21080.00 | 53.42 | 74.00 | -20.58 | 49.44 | 3.98 | Peak | 100 | 115 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5310 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5350.00 | 52.70 | 54.00 | -1.30 | 52.56 | 0.14 | Average | 274 | 243 |
| 2 | 5350.00 | 68.72 | 74.00 | -5.28 | 68.58 | 0.14 | Peak | 274 | 243 |
| 3 | 10620.00 | 42.82 | 54.00 | -11.18 | 34.01 | 8.81 | Average | 100 | 151 |
| 4 | 10620.00 | 56.44 | 74.00 | -17.56 | 47.63 | 8.81 | Peak | 100 | 151 |
| 5 | 15930.00 | 43.56 | 54.00 | -10.44 | 37.91 | 5.65 | Average | 100 | 225 |
| 6 | 15930.00 | 56.11 | 74.00 | -17.89 | 50.46 | 5.65 | Peak | 100 | 225 |
| 7 | 21240.00 | 50.85 | 54.00 | -3.15 | 46.72 | 4.13 | Average | 122 | 23 |
| 8 | 21240.00 | 57.31 | 74.00 | -16.69 | 53.18 | 4.13 | Peak | 122 | 23 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

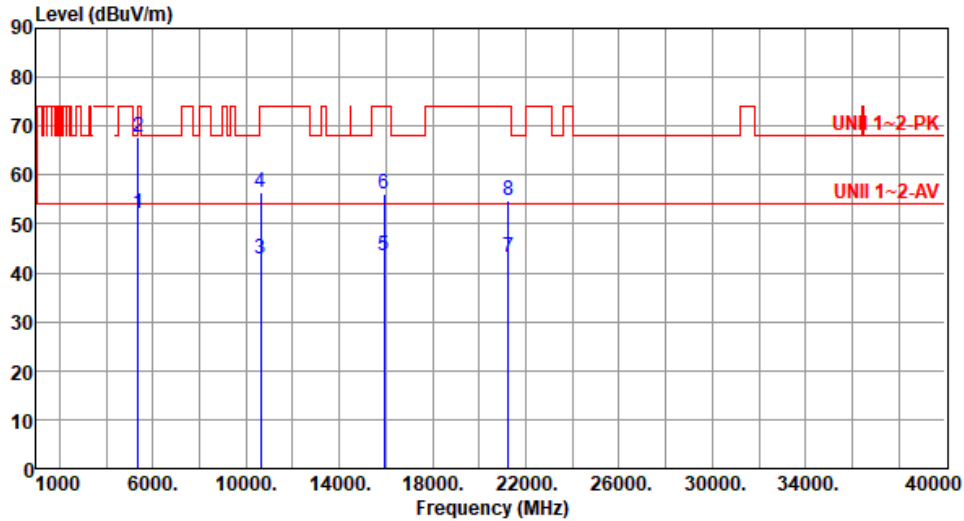
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5310 |
| Polarization | Vertical | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5350.00 | 52.11 | 54.00 | -1.89 | 51.97 | 0.14 | Average | 209 | 130 |
| 2 | 5350.00 | 67.82 | 74.00 | -6.18 | 67.68 | 0.14 | Peak | 209 | 130 |
| 3 | 10620.00 | 42.78 | 54.00 | -11.22 | 33.97 | 8.81 | Average | 100 | 74 |
| 4 | 10620.00 | 56.35 | 74.00 | -17.65 | 47.54 | 8.81 | Peak | 100 | 74 |
| 5 | 15930.00 | 43.53 | 54.00 | -10.47 | 37.88 | 5.65 | Average | 100 | 119 |
| 6 | 15930.00 | 55.98 | 74.00 | -18.02 | 50.33 | 5.65 | Peak | 100 | 119 |
| 7 | 21240.00 | 43.02 | 54.00 | -10.98 | 38.89 | 4.13 | Average | 129 | 98 |
| 8 | 21240.00 | 54.70 | 74.00 | -19.30 | 50.57 | 4.13 | Peak | 129 | 98 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

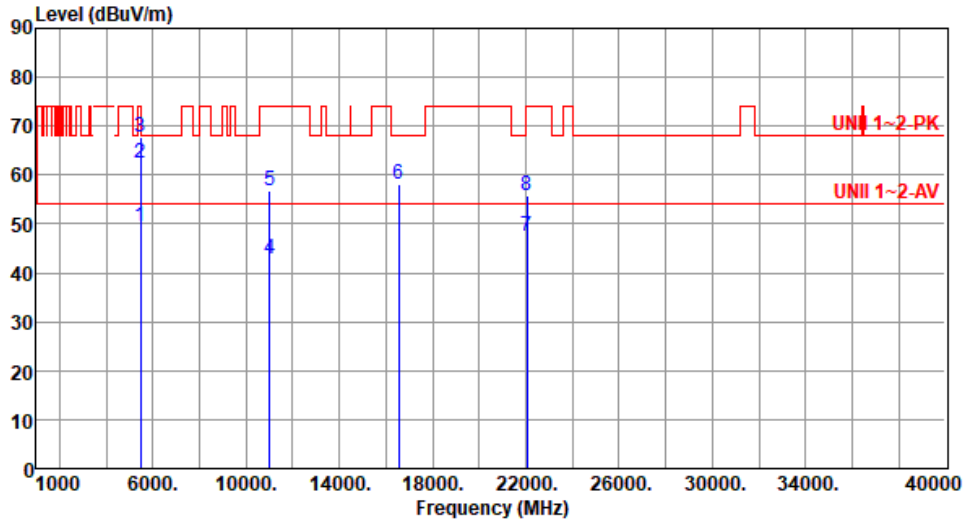
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5510 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 49.42 | 54.00 | -4.58 | 48.84 | 0.58 | Average | 198 | 247 |
| 2 | 5460.00 | 62.27 | 74.00 | -11.73 | 61.69 | 0.58 | Peak | 198 | 247 |
| 3 | 5470.00 | 67.82 | 68.20 | -0.38 | 67.23 | 0.59 | Peak | 198 | 247 |
| 4 | 11020.00 | 42.96 | 54.00 | -11.04 | 33.82 | 9.14 | Average | 100 | 94 |
| 5 | 11020.00 | 56.70 | 74.00 | -17.30 | 47.56 | 9.14 | Peak | 100 | 94 |
| 6 | 16530.00 | 58.19 | 68.20 | -10.01 | 51.33 | 6.86 | Peak | 100 | 112 |
| 7 | 22040.00 | 47.65 | 54.00 | -6.35 | 42.58 | 5.07 | Average | 139 | 118 |
| 8 | 22040.00 | 55.71 | 74.00 | -18.29 | 50.64 | 5.07 | Peak | 139 | 118 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

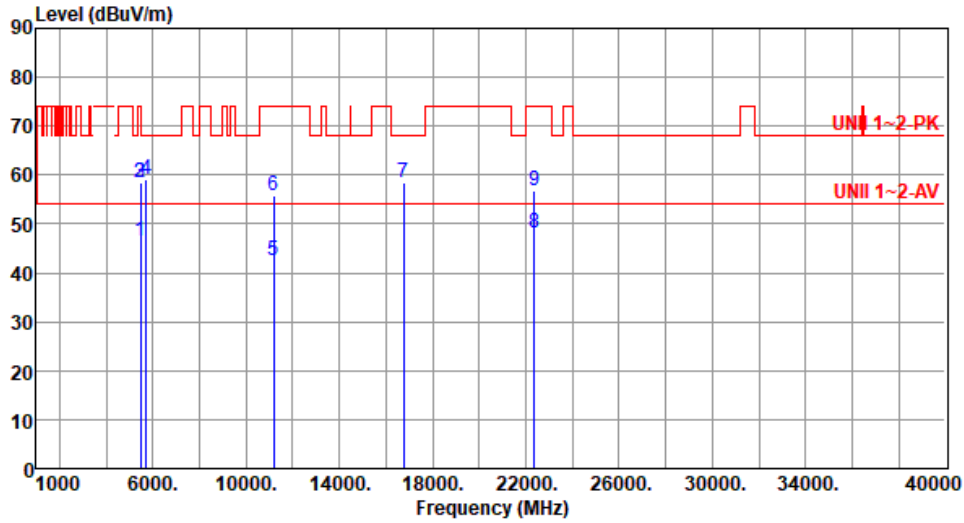


| | | | | | | | | | |
|--|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5510 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red waveform representing the emission level across a frequency range from 1000 to 40000 MHz. A horizontal red line at approximately 55 dBuV/m is labeled 'UNII 1-2-AV'. Another horizontal red line at approximately 70 dBuV/m is labeled 'UNII 1-2-PK'. Eight vertical blue lines with arrows point to specific frequency points: 1 (5460 MHz), 2 (5460 MHz), 3 (5470 MHz), 4 (11020 MHz), 5 (11020 MHz), 6 (16530 MHz), 7 (22040 MHz), and 8 (22040 MHz).</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 46.45 | 54.00 | -7.55 | 45.87 | 0.58 | Average | 148 | 116 |
| 2 | 5460.00 | 61.42 | 74.00 | -12.58 | 60.84 | 0.58 | Peak | 148 | 116 |
| 3 | 5470.00 | 66.86 | 68.20 | -1.34 | 66.27 | 0.59 | Peak | 148 | 116 |
| 4 | 11020.00 | 42.58 | 54.00 | -11.42 | 33.44 | 9.14 | Average | 100 | 33 |
| 5 | 11020.00 | 56.58 | 74.00 | -17.42 | 47.44 | 9.14 | Peak | 100 | 33 |
| 6 | 16530.00 | 57.87 | 68.20 | -10.33 | 51.01 | 6.86 | Peak | 100 | 96 |
| 7 | 22040.00 | 45.52 | 54.00 | -8.48 | 40.45 | 5.07 | Average | 119 | 112 |
| 8 | 22040.00 | 55.57 | 74.00 | -18.43 | 50.50 | 5.07 | Peak | 119 | 112 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5590 |
| Polarization | Horizontal | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 46.33 | 54.00 | -7.67 | 45.75 | 0.58 | Average | 266 | 95 |
| 2 | 5460.00 | 58.45 | 74.00 | -15.55 | 57.87 | 0.58 | Peak | 266 | 95 |
| 3 | 5470.00 | 58.55 | 68.20 | -9.65 | 57.96 | 0.59 | Peak | 266 | 95 |
| 4 | 5725.00 | 59.03 | 68.20 | -9.17 | 58.10 | 0.93 | Peak | 266 | 95 |
| 5 | 11180.00 | 42.49 | 54.00 | -11.51 | 33.81 | 8.68 | Average | 100 | 114 |
| 6 | 11180.00 | 55.80 | 74.00 | -18.20 | 47.12 | 8.68 | Peak | 100 | 114 |
| 7 | 16770.00 | 58.29 | 68.20 | -9.91 | 51.31 | 6.98 | Peak | 100 | 125 |
| 8 | 22360.00 | 48.02 | 54.00 | -5.98 | 42.37 | 5.65 | Average | 142 | 105 |
| 9 | 22360.00 | 56.85 | 74.00 | -17.15 | 51.20 | 5.65 | Peak | 142 | 105 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|---|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5590 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The spectrum plot displays the emission level in dBuV/m across a frequency range from 1000 to 40000 MHz. A red line represents the emission level, which fluctuates between approximately 60 and 75 dBuV/m. Two horizontal red lines indicate limits: UNII 1~2-PK at approximately 68 dBuV/m and UNII 1~2-AV at approximately 55 dBuV/m. Several peaks are labeled with numbers 1 through 9, corresponding to the data in the table below.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 45.93 | 54.00 | -8.07 | 45.35 | 0.58 | Average | 192 | 102 |
| 2 | 5460.00 | 58.05 | 74.00 | -15.95 | 57.47 | 0.58 | Peak | 192 | 102 |
| 3 | 5470.00 | 58.35 | 68.20 | -9.85 | 57.76 | 0.59 | Peak | 192 | 102 |
| 4 | 5725.00 | 58.80 | 68.20 | -9.40 | 57.87 | 0.93 | Peak | 192 | 102 |
| 5 | 11180.00 | 42.23 | 54.00 | -11.77 | 33.55 | 8.68 | Average | 100 | 66 |
| 6 | 11180.00 | 55.73 | 74.00 | -18.27 | 47.05 | 8.68 | Peak | 100 | 66 |
| 7 | 16770.00 | 58.20 | 68.20 | -10.00 | 51.22 | 6.98 | Peak | 100 | 98 |
| 8 | 22360.00 | 45.19 | 54.00 | -8.81 | 39.54 | 5.65 | Average | 112 | 113 |
| 9 | 22360.00 | 56.54 | 74.00 | -17.46 | 50.89 | 5.65 | Peak | 112 | 113 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5670 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red waveform representing the emission level across a frequency range from 1000 to 40000 MHz. Two horizontal red lines indicate limits: 'UNII 1~2-PK' at approximately 70 dBuV/m and 'UNII 1~2-AV' at approximately 55 dBuV/m. Six vertical blue lines mark specific frequency points: 1 at 5725 MHz, 2 at 11340 MHz, 3 at 11340 MHz, 4 at 17010 MHz, 5 at 22680 MHz, and 6 at 22680 MHz.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5725.00 | 64.52 | 68.20 | -3.68 | 63.59 | 0.93 | Peak | 257 | 87 |
| 2 | 11340.00 | 42.45 | 54.00 | -11.55 | 33.93 | 8.52 | Average | 100 | 235 |
| 3 | 11340.00 | 55.11 | 74.00 | -18.89 | 46.59 | 8.52 | Peak | 100 | 235 |
| 4 | 17010.00 | 58.06 | 68.20 | -10.14 | 51.36 | 6.70 | Peak | 100 | 124 |
| 5 | 22680.00 | 48.84 | 54.00 | -5.16 | 42.48 | 6.36 | Average | 141 | 100 |
| 6 | 22680.00 | 57.02 | 74.00 | -16.98 | 50.66 | 6.36 | Peak | 141 | 100 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5670 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The spectrum plot displays the emission level in dBuV/m across a frequency range from 1000 to 40000 MHz. A red line represents the emission level, which fluctuates between approximately 60 and 75 dBuV/m. Two horizontal red lines indicate limits: UNII 1~2-PK at approximately 70 dBuV/m and UNII 1~2-AV at approximately 55 dBuV/m. Six vertical blue lines mark specific frequencies: 1 at 5725 MHz, 2 at 11340 MHz, 3 at 11340 MHz, 4 at 17010 MHz, 5 at 22680 MHz, and 6 at 22680 MHz.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5725.00 | 64.17 | 68.20 | -4.03 | 63.24 | 0.93 | Peak | 187 | 111 |
| 2 | 11340.00 | 42.39 | 54.00 | -11.61 | 33.87 | 8.52 | Average | 100 | 77 |
| 3 | 11340.00 | 54.85 | 74.00 | -19.15 | 46.33 | 8.52 | Peak | 100 | 77 |
| 4 | 17010.00 | 57.55 | 68.20 | -10.65 | 50.85 | 6.70 | Peak | 100 | 85 |
| 5 | 22680.00 | 45.90 | 54.00 | -8.10 | 39.54 | 6.36 | Average | 100 | 126 |
| 6 | 22680.00 | 56.34 | 74.00 | -17.66 | 49.98 | 6.36 | Peak | 100 | 126 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5710 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 46.34 | 54.00 | -7.66 | 45.76 | 0.58 | Average | 266 | 100 |
| 2 | 5460.00 | 58.07 | 74.00 | -15.93 | 57.49 | 0.58 | Peak | 266 | 100 |
| 3 | 5470.00 | 58.45 | 68.20 | -9.75 | 57.86 | 0.59 | Peak | 266 | 100 |
| 4 | 5850.00 | 59.03 | 68.20 | -9.17 | 57.79 | 1.24 | Peak | 266 | 100 |
| 5 | 11420.00 | 43.04 | 54.00 | -10.96 | 34.45 | 8.59 | Average | 100 | 114 |
| 6 | 11420.00 | 56.25 | 74.00 | -17.75 | 47.66 | 8.59 | Peak | 100 | 114 |
| 7 | 17130.00 | 57.87 | 68.20 | -10.33 | 51.51 | 6.36 | Peak | 100 | 103 |
| 8 | 22840.00 | 52.16 | 54.00 | -1.84 | 45.53 | 6.63 | Average | 164 | 26 |
| 9 | 22840.00 | 58.74 | 74.00 | -15.26 | 52.11 | 6.63 | Peak | 164 | 26 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5710 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 46.02 | 54.00 | -7.98 | 45.44 | 0.58 | Average | 192 | 125 |
| 2 | 5460.00 | 57.99 | 74.00 | -16.01 | 57.41 | 0.58 | Peak | 192 | 125 |
| 3 | 5470.00 | 58.23 | 68.20 | -9.97 | 57.64 | 0.59 | Peak | 192 | 125 |
| 4 | 5850.00 | 58.94 | 68.20 | -9.26 | 57.70 | 1.24 | Peak | 192 | 125 |
| 5 | 11420.00 | 42.92 | 54.00 | -11.08 | 34.33 | 8.59 | Average | 100 | 111 |
| 6 | 11420.00 | 56.04 | 74.00 | -17.96 | 47.45 | 8.59 | Peak | 100 | 111 |
| 7 | 17130.00 | 57.24 | 68.20 | -10.96 | 50.88 | 6.36 | Peak | 100 | 98 |
| 8 | 22840.00 | 48.74 | 54.00 | -5.26 | 42.11 | 6.63 | Average | 100 | 112 |
| 9 | 22840.00 | 57.29 | 74.00 | -16.71 | 50.66 | 6.63 | Peak | 100 | 112 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

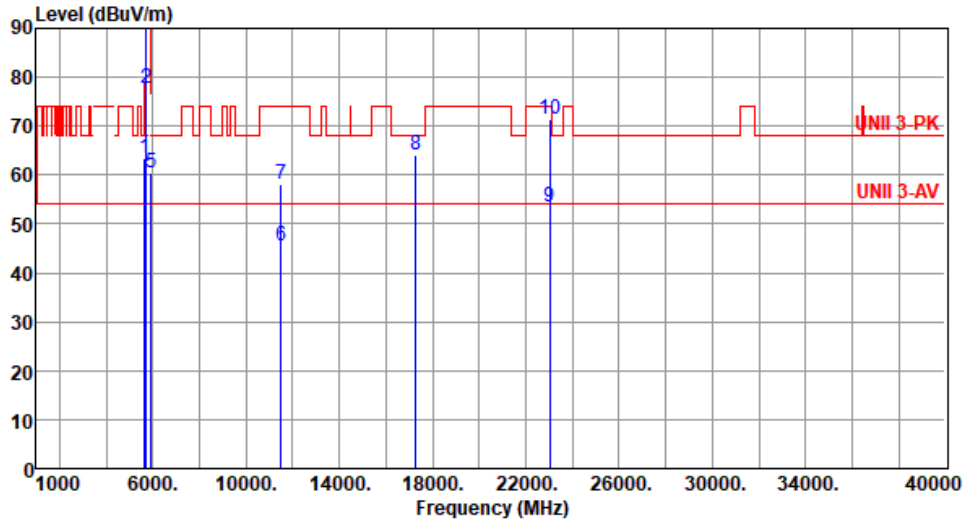
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5755 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 63.40 | 68.20 | -4.80 | 62.86 | 0.54 | Peak | 165 | 72 |
| 2 | 5700.00 | 77.71 | 105.20 | -27.49 | 76.85 | 0.86 | Peak | 165 | 72 |
| 3 | 5720.00 | 91.80 | 110.80 | -19.00 | 90.89 | 0.91 | Peak | 165 | 72 |
| 4 | 5725.00 | 92.76 | 122.20 | -29.44 | 91.83 | 0.93 | Peak | 165 | 72 |
| 5 | 5925.00 | 60.38 | 68.20 | -7.82 | 58.89 | 1.49 | Peak | 165 | 72 |
| 6 | 11510.00 | 45.34 | 54.00 | -8.66 | 36.64 | 8.70 | Average | 100 | 112 |
| 7 | 11510.00 | 58.19 | 74.00 | -15.81 | 49.49 | 8.70 | Peak | 100 | 112 |
| 8 | 17265.00 | 64.03 | 68.20 | -4.17 | 57.76 | 6.27 | Peak | 183 | 29 |
| 9 | 23020.00 | 53.60 | 54.00 | -0.40 | 46.68 | 6.92 | Average | 161 | 33 |
| 10 | 23020.00 | 71.33 | 74.00 | -2.67 | 64.41 | 6.92 | Peak | 161 | 33 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

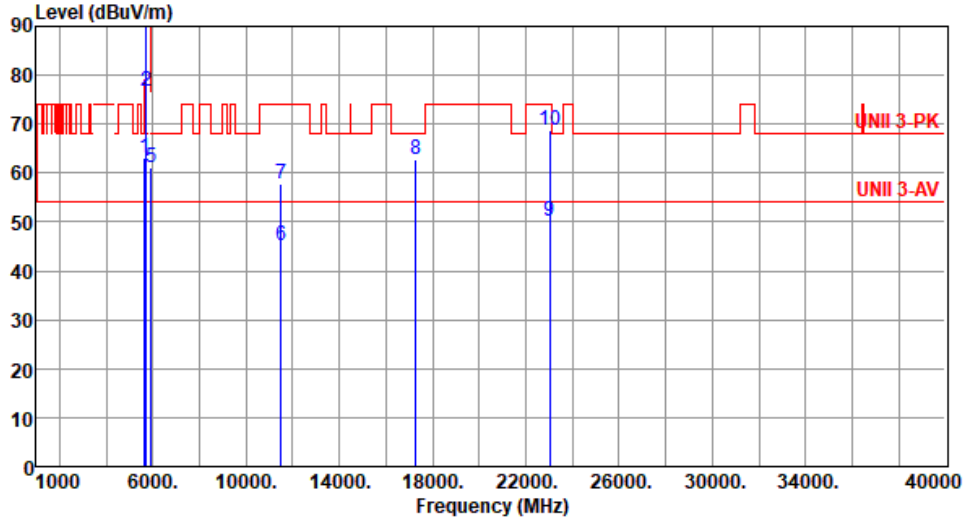
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5755 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 62.97 | 68.20 | -5.23 | 62.43 | 0.54 | Peak | 212 | 85 |
| 2 | 5700.00 | 76.74 | 105.20 | -28.46 | 75.88 | 0.86 | Peak | 212 | 85 |
| 3 | 5720.00 | 90.93 | 110.80 | -19.87 | 90.02 | 0.91 | Peak | 212 | 85 |
| 4 | 5725.00 | 92.91 | 122.20 | -29.29 | 91.98 | 0.93 | Peak | 212 | 85 |
| 5 | 5925.00 | 61.12 | 68.20 | -7.08 | 59.63 | 1.49 | Peak | 212 | 85 |
| 6 | 11510.00 | 45.14 | 54.00 | -8.86 | 36.44 | 8.70 | Average | 100 | 55 |
| 7 | 11510.00 | 57.93 | 74.00 | -16.07 | 49.23 | 8.70 | Peak | 100 | 55 |
| 8 | 17265.00 | 62.83 | 68.20 | -5.37 | 56.56 | 6.27 | Peak | 100 | 99 |
| 9 | 23020.00 | 50.17 | 54.00 | -3.83 | 43.25 | 6.92 | Average | 118 | 117 |
| 10 | 23020.00 | 68.79 | 74.00 | -5.21 | 61.87 | 6.92 | Peak | 118 | 117 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|---------------------|---------------|-----------------------------|-----------------|----------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE40-OFDMA | Test Freq. (MHz) | 5795 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5650.00 | 59.31 | 68.20 | -8.89 | 58.77 | 0.54 | Peak | 177 | 66 |
| 2 | 5850.00 | 81.01 | 122.20 | -41.19 | 79.77 | 1.24 | Peak | 177 | 66 |
| 3 | 5855.00 | 75.12 | 110.80 | -35.68 | 73.86 | 1.26 | Peak | 177 | 66 |
| 4 | 5875.00 | 72.32 | 105.20 | -32.88 | 70.96 | 1.36 | Peak | 177 | 66 |
| 5 | 5925.00 | 61.26 | 68.20 | -6.94 | 59.77 | 1.49 | Peak | 177 | 66 |
| 6 | 11590.00 | 45.06 | 54.00 | -8.94 | 36.51 | 8.55 | Average | 125 | 354 |
| 7 | 11590.00 | 57.83 | 74.00 | -16.17 | 49.28 | 8.55 | Peak | 125 | 354 |
| 8 | 17385.00 | 62.77 | 68.20 | -5.43 | 56.04 | 6.73 | Peak | 184 | 31 |
| 9 | 23180.00 | 67.93 | 68.20 | -0.27 | 60.91 | 7.02 | Peak | 187 | 35 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|--|---------------|----------------|-------------------------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE40-OFDMA | | Test Freq. (MHz) | 5795 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5650.00 | 58.99 | 68.20 | -9.21 | 58.45 | 0.54 | Peak | 236 | 83 |
| 2 | 5850.00 | 79.90 | 122.20 | -42.30 | 78.66 | 1.24 | Peak | 236 | 83 |
| 3 | 5855.00 | 72.52 | 110.80 | -38.28 | 71.26 | 1.26 | Peak | 236 | 83 |
| 4 | 5875.00 | 71.11 | 105.20 | -34.09 | 69.75 | 1.36 | Peak | 236 | 83 |
| 5 | 5925.00 | 62.03 | 68.20 | -6.17 | 60.54 | 1.49 | Peak | 236 | 83 |
| 6 | 11590.00 | 44.66 | 54.00 | -9.34 | 36.11 | 8.55 | Average | 100 | 88 |
| 7 | 11590.00 | 57.70 | 74.00 | -16.30 | 49.15 | 8.55 | Peak | 100 | 88 |
| 8 | 17385.00 | 62.27 | 68.20 | -5.93 | 55.54 | 6.73 | Peak | 100 | 90 |
| 9 | 23180.00 | 64.06 | 68.20 | -4.14 | 57.04 | 7.02 | Peak | 166 | 115 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

| | | | | | | | | | |
|---|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5210 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 52.52 | 54.00 | -1.48 | 51.70 | 0.82 | Average | 222 | 242 |
| 2 | 5150.00 | 66.80 | 74.00 | -7.20 | 65.98 | 0.82 | Peak | 222 | 242 |
| 3 | 5350.00 | 45.89 | 54.00 | -8.11 | 45.75 | 0.14 | Average | 222 | 242 |
| 4 | 5350.00 | 56.02 | 74.00 | -17.98 | 55.88 | 0.14 | Peak | 222 | 242 |
| 5 | 10420.00 | 55.67 | 68.20 | -12.53 | 47.02 | 8.65 | Peak | 100 | 108 |
| 6 | 15630.00 | 44.62 | 54.00 | -9.38 | 38.88 | 5.74 | Average | 100 | 121 |
| 7 | 15630.00 | 56.18 | 74.00 | -17.82 | 50.44 | 5.74 | Peak | 100 | 121 |
| 8 | 20840.00 | 52.31 | 54.00 | -1.69 | 48.75 | 3.56 | Average | 119 | 26 |
| 9 | 20840.00 | 58.37 | 74.00 | -15.63 | 54.81 | 3.56 | Peak | 119 | 26 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



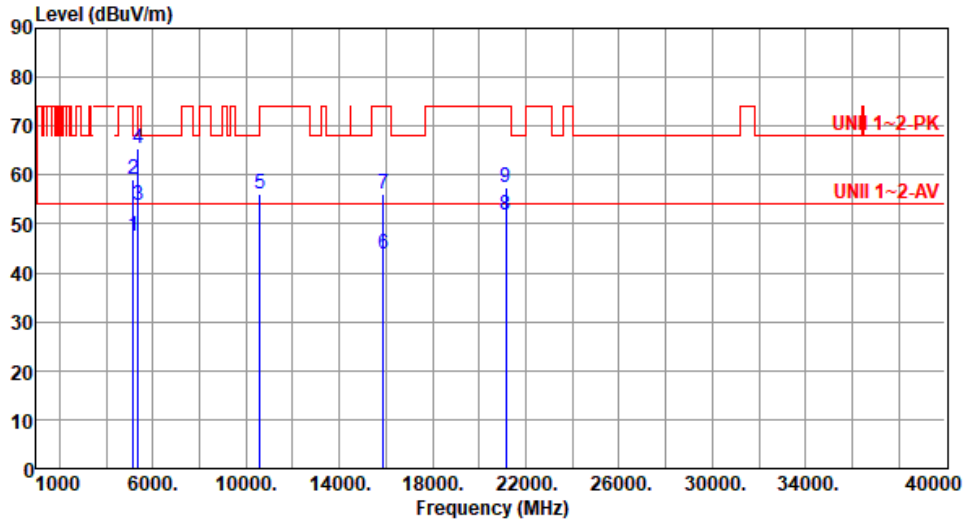
| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5210 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5150.00 | 53.62 | 54.00 | -0.38 | 52.80 | 0.82 | Average | 186 | 98 |
| 2 | 5150.00 | 67.67 | 74.00 | -6.33 | 66.85 | 0.82 | Peak | 186 | 98 |
| 3 | 5350.00 | 46.89 | 54.00 | -7.11 | 46.75 | 0.14 | Average | 186 | 98 |
| 4 | 5350.00 | 58.59 | 74.00 | -15.41 | 58.45 | 0.14 | Peak | 186 | 98 |
| 5 | 10420.00 | 55.65 | 68.20 | -12.55 | 47.00 | 8.65 | Peak | 100 | 87 |
| 6 | 15630.00 | 43.59 | 54.00 | -10.41 | 37.85 | 5.74 | Average | 100 | 90 |
| 7 | 15630.00 | 54.26 | 74.00 | -19.74 | 48.52 | 5.74 | Peak | 100 | 90 |
| 8 | 20840.00 | 42.43 | 54.00 | -11.57 | 38.87 | 3.56 | Average | 100 | 118 |
| 9 | 20840.00 | 54.10 | 74.00 | -19.90 | 50.54 | 3.56 | Peak | 100 | 118 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5290 |
| Polarization | Horizontal | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5150.00 | 47.34 | 54.00 | -6.66 | 46.52 | 0.82 | Average | 217 | 242 |
| 2 | 5150.00 | 59.07 | 74.00 | -14.93 | 58.25 | 0.82 | Peak | 217 | 242 |
| 3 | 5350.00 | 53.80 | 54.00 | -0.20 | 53.66 | 0.14 | Average | 217 | 242 |
| 4 | 5350.00 | 65.29 | 74.00 | -8.71 | 65.15 | 0.14 | Peak | 217 | 242 |
| 5 | 10580.00 | 56.24 | 68.20 | -11.96 | 47.46 | 8.78 | Peak | 100 | 239 |
| 6 | 15870.00 | 43.94 | 54.00 | -10.06 | 38.29 | 5.65 | Average | 100 | 98 |
| 7 | 15870.00 | 56.12 | 74.00 | -17.88 | 50.47 | 5.65 | Peak | 100 | 98 |
| 8 | 21160.00 | 51.81 | 54.00 | -2.19 | 47.76 | 4.05 | Average | 128 | 21 |
| 9 | 21160.00 | 57.34 | 74.00 | -16.66 | 53.29 | 4.05 | Peak | 128 | 21 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5290 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5150.00 | 46.48 | 54.00 | -7.52 | 45.66 | 0.82 | Average | 243 | 128 |
| 2 | 5150.00 | 58.36 | 74.00 | -15.64 | 57.54 | 0.82 | Peak | 243 | 128 |
| 3 | 5350.00 | 53.88 | 54.00 | -0.12 | 53.74 | 0.14 | Average | 243 | 128 |
| 4 | 5350.00 | 67.74 | 74.00 | -6.26 | 67.60 | 0.14 | Peak | 243 | 128 |
| 5 | 10580.00 | 55.99 | 68.20 | -12.21 | 47.21 | 8.78 | Peak | 100 | 88 |
| 6 | 15870.00 | 43.60 | 54.00 | -10.40 | 37.95 | 5.65 | Average | 100 | 93 |
| 7 | 15870.00 | 55.90 | 74.00 | -18.10 | 50.25 | 5.65 | Peak | 100 | 93 |
| 8 | 21160.00 | 48.91 | 54.00 | -5.09 | 44.86 | 4.05 | Average | 115 | 113 |
| 9 | 21160.00 | 55.81 | 74.00 | -18.19 | 51.76 | 4.05 | Peak | 115 | 113 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|--|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5530 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red waveform representing the emission level across a frequency range from 1000 to 40000 MHz. A horizontal red line at approximately 55 dBuV/m is labeled 'UNII 1~2-AV'. Another horizontal red line at approximately 70 dBuV/m is labeled 'UNII 1~2-PK'. Vertical blue lines with arrows point to specific frequency points labeled 1 through 8. The y-axis ranges from 0 to 90 dBuV/m, and the x-axis ranges from 1000 to 40000 MHz.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 50.56 | 54.00 | -3.44 | 49.98 | 0.58 | Average | 209 | 239 |
| 2 | 5460.00 | 67.12 | 74.00 | -6.88 | 66.54 | 0.58 | Peak | 209 | 239 |
| 3 | 5470.00 | 68.04 | 68.20 | -0.16 | 67.45 | 0.59 | Peak | 209 | 239 |
| 4 | 11060.00 | 43.82 | 54.00 | -10.18 | 34.81 | 9.01 | Average | 100 | 141 |
| 5 | 11060.00 | 55.69 | 74.00 | -18.31 | 46.68 | 9.01 | Peak | 100 | 141 |
| 6 | 16590.00 | 56.98 | 68.20 | -11.22 | 50.39 | 6.59 | Peak | 100 | 124 |
| 7 | 22120.00 | 51.22 | 54.00 | -2.78 | 46.05 | 5.17 | Average | 156 | 28 |
| 8 | 22120.00 | 57.68 | 74.00 | -16.32 | 52.51 | 5.17 | Peak | 156 | 28 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5530 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red waveform representing the emission level across a frequency range from 1000 to 40000 MHz. A horizontal red line at approximately 55 dBuV/m is labeled 'UNII 1-2-AV'. Another horizontal red line at approximately 70 dBuV/m is labeled 'UNII 1-2-PK'. Vertical blue lines with numbers 1 through 8 indicate specific measurement points. The y-axis ranges from 0 to 90 dBuV/m, and the x-axis ranges from 1000 to 40000 MHz.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 50.81 | 54.00 | -3.19 | 50.23 | 0.58 | Average | 245 | 127 |
| 2 | 5460.00 | 67.45 | 74.00 | -6.55 | 66.87 | 0.58 | Peak | 245 | 127 |
| 3 | 5470.00 | 67.45 | 68.20 | -0.75 | 66.86 | 0.59 | Peak | 245 | 127 |
| 4 | 11060.00 | 43.59 | 54.00 | -10.41 | 34.58 | 9.01 | Average | 100 | 62 |
| 5 | 11060.00 | 55.60 | 74.00 | -18.40 | 46.59 | 9.01 | Peak | 100 | 62 |
| 6 | 16590.00 | 56.73 | 68.20 | -11.47 | 50.14 | 6.59 | Peak | 100 | 87 |
| 7 | 22120.00 | 43.91 | 54.00 | -10.09 | 38.74 | 5.17 | Average | 100 | 117 |
| 8 | 22120.00 | 54.72 | 74.00 | -19.28 | 49.55 | 5.17 | Peak | 100 | 117 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|----------------------|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5610 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 46.26 | 54.00 | -7.74 | 45.68 | 0.58 | Average | 222 | 251 |
| 2 | 5460.00 | 58.32 | 74.00 | -15.68 | 57.74 | 0.58 | Peak | 222 | 251 |
| 3 | 5470.00 | 58.46 | 68.20 | -9.74 | 57.87 | 0.59 | Peak | 222 | 251 |
| 4 | 5725.00 | 59.28 | 68.20 | -8.92 | 58.35 | 0.93 | Peak | 222 | 251 |
| 5 | 11220.00 | 43.42 | 54.00 | -10.58 | 34.81 | 8.61 | Average | 100 | 175 |
| 6 | 11220.00 | 56.35 | 74.00 | -17.65 | 47.74 | 8.61 | Peak | 100 | 175 |
| 7 | 16830.00 | 57.22 | 68.20 | -10.98 | 50.33 | 6.89 | Peak | 100 | 168 |
| 8 | 22440.00 | 52.48 | 54.00 | -1.52 | 46.60 | 5.88 | Average | 150 | 29 |
| 9 | 22440.00 | 58.37 | 74.00 | -15.63 | 52.49 | 5.88 | Peak | 150 | 29 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

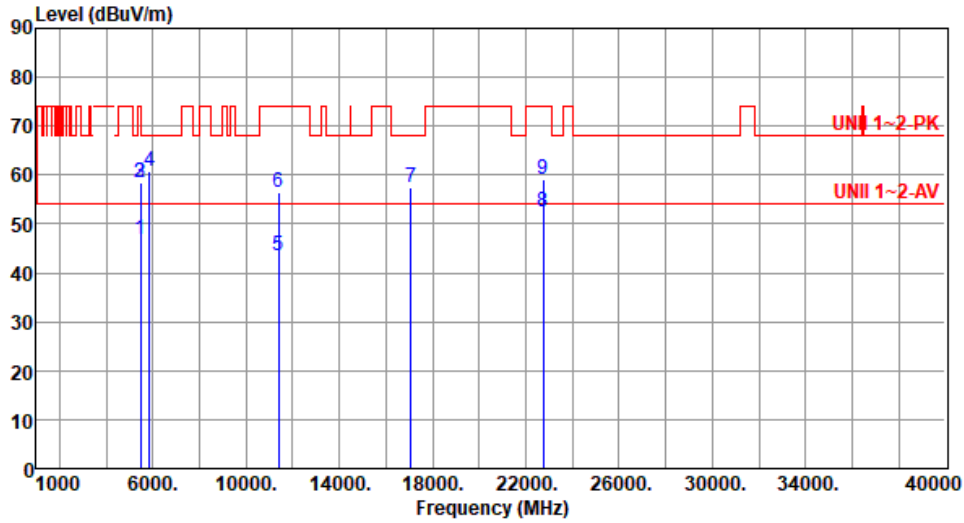


| | | | | | | | | | |
|---|---------------|-----------------------------|-----------------|-----------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5610 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| <p>The plot shows a red stepped line representing the emission level across a frequency range from 1000 to 40000 MHz. A horizontal red line at approximately 55 dBuV/m represents the UNII 1-2-AV limit. Several peaks are marked with blue vertical lines and numbered 1 through 9. A red arrow points to a peak at approximately 34000 MHz labeled UNII 1-2-PK.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 46.02 | 54.00 | -7.98 | 45.44 | 0.58 | Average | 177 | 105 |
| 2 | 5460.00 | 57.82 | 74.00 | -16.18 | 57.24 | 0.58 | Peak | 177 | 105 |
| 3 | 5470.00 | 58.32 | 68.20 | -9.88 | 57.73 | 0.59 | Peak | 177 | 105 |
| 4 | 5725.00 | 58.72 | 68.20 | -9.48 | 57.79 | 0.93 | Peak | 177 | 105 |
| 5 | 11220.00 | 43.20 | 54.00 | -10.80 | 34.59 | 8.61 | Average | 100 | 77 |
| 6 | 11220.00 | 56.16 | 74.00 | -17.84 | 47.55 | 8.61 | Peak | 100 | 77 |
| 7 | 16830.00 | 57.14 | 68.20 | -11.06 | 50.25 | 6.89 | Peak | 100 | 95 |
| 8 | 22440.00 | 45.77 | 54.00 | -8.23 | 39.89 | 5.88 | Average | 100 | 107 |
| 9 | 22440.00 | 56.13 | 74.00 | -17.87 | 50.25 | 5.88 | Peak | 100 | 107 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5690 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 46.79 | 54.00 | -7.21 | 46.21 | 0.58 | Average | 198 | 262 |
| 2 | 5460.00 | 58.45 | 74.00 | -15.55 | 57.87 | 0.58 | Peak | 198 | 262 |
| 3 | 5470.00 | 58.59 | 68.20 | -9.61 | 58.00 | 0.59 | Peak | 198 | 262 |
| 4 | 5850.00 | 60.90 | 68.20 | -7.30 | 59.66 | 1.24 | Peak | 198 | 262 |
| 5 | 11380.00 | 43.35 | 54.00 | -10.65 | 34.80 | 8.55 | Average | 100 | 136 |
| 6 | 11380.00 | 56.41 | 74.00 | -17.59 | 47.86 | 8.55 | Peak | 100 | 136 |
| 7 | 17070.00 | 57.45 | 68.20 | -10.75 | 50.94 | 6.51 | Peak | 100 | 224 |
| 8 | 22760.00 | 52.61 | 54.00 | -1.39 | 46.11 | 6.50 | Average | 154 | 32 |
| 9 | 22760.00 | 59.01 | 74.00 | -14.99 | 52.51 | 6.50 | Peak | 154 | 32 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



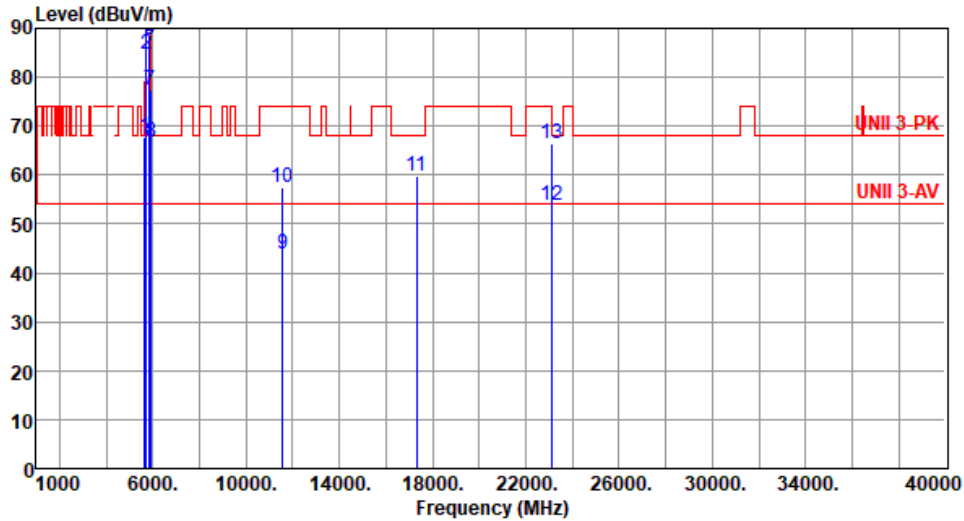
| | | | | | | | | | |
|----------------------|---------------|-----------------------------|-----------------|-----------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5690 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung | | Temperature(°C): 24 | | Humidity(%): 65 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5460.00 | 46.32 | 54.00 | -7.68 | 45.74 | 0.58 | Average | 188 | 98 |
| 2 | 5460.00 | 58.35 | 74.00 | -15.65 | 57.77 | 0.58 | Peak | 188 | 98 |
| 3 | 5470.00 | 58.93 | 68.20 | -9.27 | 58.34 | 0.59 | Peak | 188 | 98 |
| 4 | 5850.00 | 59.68 | 68.20 | -8.52 | 58.44 | 1.24 | Peak | 188 | 98 |
| 5 | 11380.00 | 43.30 | 54.00 | -10.70 | 34.75 | 8.55 | Average | 100 | 80 |
| 6 | 11380.00 | 56.30 | 74.00 | -17.70 | 47.75 | 8.55 | Peak | 100 | 80 |
| 7 | 17070.00 | 57.26 | 68.20 | -10.94 | 50.75 | 6.51 | Peak | 100 | 90 |
| 8 | 22760.00 | 46.06 | 54.00 | -7.94 | 39.56 | 6.50 | Average | 100 | 119 |
| 9 | 22760.00 | 56.83 | 74.00 | -17.17 | 50.33 | 6.50 | Peak | 100 | 119 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5775 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 67.80 | 68.20 | -0.40 | 67.26 | 0.54 | Peak | 188 | 72 |
| 2 | 5700.00 | 84.60 | 105.20 | -20.60 | 83.74 | 0.86 | Peak | 188 | 72 |
| 3 | 5720.00 | 90.77 | 110.80 | -20.03 | 89.86 | 0.91 | Peak | 188 | 72 |
| 4 | 5725.00 | 90.92 | 122.20 | -31.28 | 89.99 | 0.93 | Peak | 188 | 72 |
| 5 | 5850.00 | 88.37 | 122.20 | -33.83 | 87.13 | 1.24 | Peak | 188 | 72 |
| 6 | 5855.00 | 87.71 | 110.80 | -23.09 | 86.45 | 1.26 | Peak | 188 | 72 |
| 7 | 5875.00 | 77.47 | 105.20 | -27.73 | 76.11 | 1.36 | Peak | 188 | 72 |
| 8 | 5925.00 | 66.59 | 68.20 | -1.61 | 65.10 | 1.49 | Peak | 188 | 72 |
| 9 | 11550.00 | 43.83 | 54.00 | -10.17 | 35.20 | 8.63 | Average | 100 | 331 |
| 10 | 11550.00 | 57.38 | 74.00 | -16.62 | 48.75 | 8.63 | Peak | 100 | 331 |
| 11 | 17325.00 | 59.87 | 68.20 | -8.33 | 53.44 | 6.43 | Peak | 149 | 16 |
| 12 | 23100.00 | 53.78 | 54.00 | -0.22 | 46.81 | 6.97 | Average | 139 | 32 |
| 13 | 23100.00 | 66.43 | 74.00 | -7.57 | 59.46 | 6.97 | Peak | 139 | 32 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

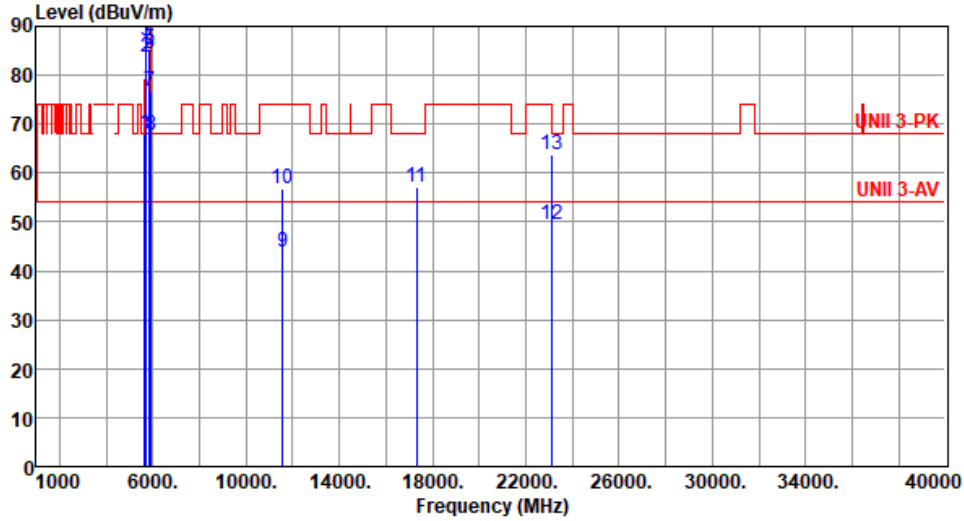
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80-OFDMA | Test Freq. (MHz) | 5775 |
| Polarization | Vertical | | |

Test By :Akun Chung Temperature(°C):24 Humidity(%):65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|----|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5650.00 | 68.09 | 68.20 | -0.11 | 67.55 | 0.54 | Peak | 225 | 89 |
| 2 | 5700.00 | 83.64 | 105.20 | -21.56 | 82.78 | 0.86 | Peak | 225 | 89 |
| 3 | 5720.00 | 87.04 | 110.80 | -23.76 | 86.13 | 0.91 | Peak | 225 | 89 |
| 4 | 5725.00 | 89.80 | 122.20 | -32.40 | 88.87 | 0.93 | Peak | 225 | 89 |
| 5 | 5850.00 | 85.36 | 122.20 | -36.84 | 84.12 | 1.24 | Peak | 225 | 89 |
| 6 | 5855.00 | 84.30 | 110.80 | -26.50 | 83.04 | 1.26 | Peak | 225 | 89 |
| 7 | 5875.00 | 76.85 | 105.20 | -28.35 | 75.49 | 1.36 | Peak | 225 | 89 |
| 8 | 5925.00 | 67.72 | 68.20 | -0.48 | 66.23 | 1.49 | Peak | 225 | 89 |
| 9 | 11550.00 | 43.77 | 54.00 | -10.23 | 35.14 | 8.63 | Average | 100 | 73 |
| 10 | 11550.00 | 56.87 | 74.00 | -17.13 | 48.24 | 8.63 | Peak | 100 | 73 |
| 11 | 17325.00 | 57.01 | 68.20 | -11.19 | 50.58 | 6.43 | Peak | 100 | 98 |
| 12 | 23100.00 | 49.48 | 54.00 | -4.52 | 42.51 | 6.97 | Average | 116 | 117 |
| 13 | 23100.00 | 63.85 | 74.00 | -10.15 | 56.88 | 6.97 | Peak | 116 | 117 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE160-OFDMA

| | | | | | | | | | |
|---|----------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE160-OFDMA | Test Freq. (MHz) | 5250 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 51.78 | 54.00 | -2.22 | 50.96 | 0.82 | Average | 211 | 242 |
| 2 | 5150.00 | 65.37 | 74.00 | -8.63 | 64.55 | 0.82 | Peak | 211 | 242 |
| 3 | 5350.00 | 53.53 | 54.00 | -0.47 | 53.39 | 0.14 | Average | 211 | 242 |
| 4 | 5350.00 | 66.14 | 74.00 | -7.86 | 66.00 | 0.14 | Peak | 211 | 242 |
| 5 | 10500.00 | 56.49 | 68.20 | -11.71 | 47.79 | 8.70 | Peak | 100 | 229 |
| 6 | 15750.00 | 44.35 | 54.00 | -9.65 | 38.66 | 5.69 | Average | 100 | 125 |
| 7 | 15750.00 | 56.58 | 74.00 | -17.42 | 50.89 | 5.69 | Peak | 100 | 125 |
| 8 | 21000.00 | 53.82 | 54.00 | -0.18 | 49.92 | 3.90 | Average | 118 | 21 |
| 9 | 21000.00 | 58.96 | 74.00 | -15.04 | 55.06 | 3.90 | Peak | 118 | 21 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

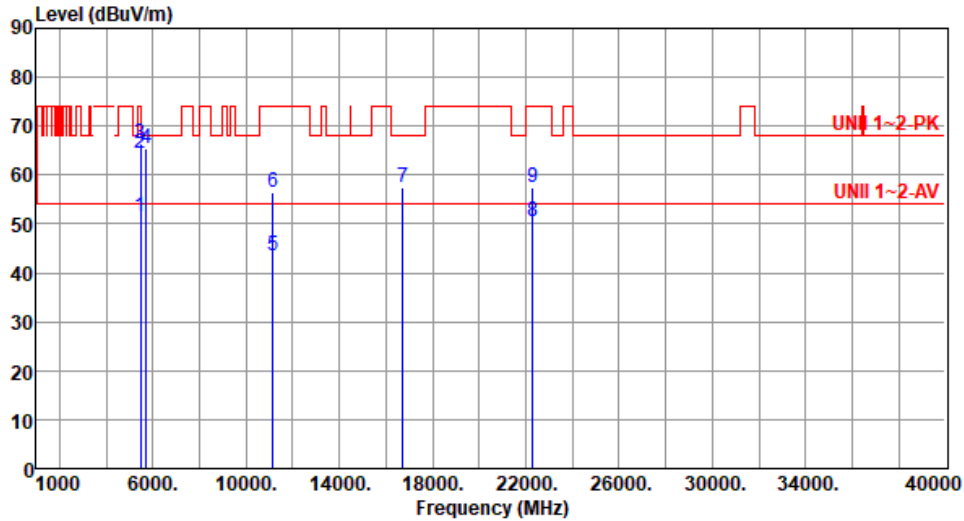


| Modulation | ax HE160-OFDMA | Test Freq. (MHz) | 5250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------|-----------------------|-----------------|-------------|-----------------|-------------|----------------|-------------|----------------|---|-------|-------|-------|-------|------|---------|-----|----|---|-------|-------|--------|-------|------|------|-----|----|---|-------|-------|-------|-------|------|---------|-----|----|---|-------|-------|--------|-------|------|------|-----|----|---|-------|-------|--------|-------|------|------|-----|----|---|-------|-------|-------|-------|------|---------|-----|----|---|-------|-------|--------|-------|------|------|-----|----|---|-------|-------|-------|-------|------|---------|-----|-----|---|-------|-------|--------|-------|------|------|-----|-----|--|--|--|
| Polarization | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test By : Akun Chung Temperature(°C):24 Humidity(%):65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq. MHz</th> <th>Emission level dBuV/m</th> <th>Limit dBuV/m</th> <th>Margin dB</th> <th>SA reading dBuV</th> <th>Factor dB/m</th> <th>Remark</th> <th>ANT High cm</th> <th>Turn Table deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>51.26</td> <td>54.00</td> <td>-2.74</td> <td>50.44</td> <td>0.82</td> <td>Average</td> <td>193</td> <td>77</td> </tr> <tr> <td>2</td> <td>63.93</td> <td>74.00</td> <td>-10.07</td> <td>63.11</td> <td>0.82</td> <td>Peak</td> <td>193</td> <td>77</td> </tr> <tr> <td>3</td> <td>52.80</td> <td>54.00</td> <td>-1.20</td> <td>52.66</td> <td>0.14</td> <td>Average</td> <td>193</td> <td>77</td> </tr> <tr> <td>4</td> <td>63.99</td> <td>74.00</td> <td>-10.01</td> <td>63.85</td> <td>0.14</td> <td>Peak</td> <td>193</td> <td>77</td> </tr> <tr> <td>5</td> <td>56.25</td> <td>68.20</td> <td>-11.95</td> <td>47.55</td> <td>8.70</td> <td>Peak</td> <td>100</td> <td>66</td> </tr> <tr> <td>6</td> <td>44.12</td> <td>54.00</td> <td>-9.88</td> <td>38.43</td> <td>5.69</td> <td>Average</td> <td>100</td> <td>86</td> </tr> <tr> <td>7</td> <td>56.15</td> <td>74.00</td> <td>-17.85</td> <td>50.46</td> <td>5.69</td> <td>Peak</td> <td>100</td> <td>86</td> </tr> <tr> <td>8</td> <td>44.42</td> <td>54.00</td> <td>-9.58</td> <td>40.52</td> <td>3.90</td> <td>Average</td> <td>100</td> <td>114</td> </tr> <tr> <td>9</td> <td>54.53</td> <td>74.00</td> <td>-19.47</td> <td>50.63</td> <td>3.90</td> <td>Peak</td> <td>100</td> <td>114</td> </tr> </tbody> </table> | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg | 1 | 51.26 | 54.00 | -2.74 | 50.44 | 0.82 | Average | 193 | 77 | 2 | 63.93 | 74.00 | -10.07 | 63.11 | 0.82 | Peak | 193 | 77 | 3 | 52.80 | 54.00 | -1.20 | 52.66 | 0.14 | Average | 193 | 77 | 4 | 63.99 | 74.00 | -10.01 | 63.85 | 0.14 | Peak | 193 | 77 | 5 | 56.25 | 68.20 | -11.95 | 47.55 | 8.70 | Peak | 100 | 66 | 6 | 44.12 | 54.00 | -9.88 | 38.43 | 5.69 | Average | 100 | 86 | 7 | 56.15 | 74.00 | -17.85 | 50.46 | 5.69 | Peak | 100 | 86 | 8 | 44.42 | 54.00 | -9.58 | 40.52 | 3.90 | Average | 100 | 114 | 9 | 54.53 | 74.00 | -19.47 | 50.63 | 3.90 | Peak | 100 | 114 | | | |
| Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 51.26 | 54.00 | -2.74 | 50.44 | 0.82 | Average | 193 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 63.93 | 74.00 | -10.07 | 63.11 | 0.82 | Peak | 193 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 52.80 | 54.00 | -1.20 | 52.66 | 0.14 | Average | 193 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 63.99 | 74.00 | -10.01 | 63.85 | 0.14 | Peak | 193 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 56.25 | 68.20 | -11.95 | 47.55 | 8.70 | Peak | 100 | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 44.12 | 54.00 | -9.88 | 38.43 | 5.69 | Average | 100 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 56.15 | 74.00 | -17.85 | 50.46 | 5.69 | Peak | 100 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 44.42 | 54.00 | -9.58 | 40.52 | 3.90 | Average | 100 | 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 54.53 | 74.00 | -19.47 | 50.63 | 3.90 | Peak | 100 | 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | |
|--------------|----------------|------------------|------|
| Modulation | ax HE160-OFDMA | Test Freq. (MHz) | 5570 |
| Polarization | Horizontal | | |

Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 5460.00 | 51.51 | 54.00 | -2.49 | 50.93 | 0.58 | Average | 241 | 97 |
| 2 | 5460.00 | 64.52 | 74.00 | -9.48 | 63.94 | 0.58 | Peak | 241 | 97 |
| 3 | 5470.00 | 66.48 | 68.20 | -1.72 | 65.89 | 0.59 | Peak | 241 | 97 |
| 4 | 5725.00 | 65.28 | 68.20 | -2.92 | 64.35 | 0.93 | Peak | 241 | 97 |
| 5 | 11140.00 | 43.62 | 54.00 | -10.38 | 34.84 | 8.78 | Average | 100 | 245 |
| 6 | 11140.00 | 56.55 | 74.00 | -17.45 | 47.77 | 8.78 | Peak | 100 | 245 |
| 7 | 16710.00 | 57.48 | 68.20 | -10.72 | 50.41 | 7.07 | Peak | 100 | 106 |
| 8 | 22280.00 | 50.35 | 54.00 | -3.65 | 44.93 | 5.42 | Average | 135 | 103 |
| 9 | 22280.00 | 57.34 | 74.00 | -16.66 | 51.92 | 5.42 | Peak | 135 | 103 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|--|----------------|----------------|-------------------------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE160-OFDMA | | Test Freq. (MHz) | 5570 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Akun Chung Temperature(°C): 24 Humidity(%): 65 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 5460.00 | 51.01 | 54.00 | -2.99 | 50.43 | 0.58 | Average | 180 | 115 |
| 2 | 5460.00 | 63.01 | 74.00 | -10.99 | 62.43 | 0.58 | Peak | 180 | 115 |
| 3 | 5470.00 | 64.85 | 68.20 | -3.35 | 64.26 | 0.59 | Peak | 180 | 115 |
| 4 | 5725.00 | 64.17 | 68.20 | -4.03 | 63.24 | 0.93 | Peak | 180 | 115 |
| 5 | 11140.00 | 43.53 | 54.00 | -10.47 | 34.75 | 8.78 | Average | 100 | 75 |
| 6 | 11140.00 | 56.44 | 74.00 | -17.56 | 47.66 | 8.78 | Peak | 100 | 75 |
| 7 | 16710.00 | 57.32 | 68.20 | -10.88 | 50.25 | 7.07 | Peak | 100 | 79 |
| 8 | 22280.00 | 45.17 | 54.00 | -8.83 | 39.75 | 5.42 | Average | 100 | 117 |
| 9 | 22280.00 | 55.75 | 74.00 | -18.25 | 50.33 | 5.42 | Peak | 100 | 117 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| Frequency: 5300 MHz | Frequency Drift (ppm) | | | |
|------------------------|-----------------------|---------------|-----------|----------------|
| Temperature (°C) | 0 minute | 2 minutes | 5 minutes | 10 minutes |
| T20°CVmax | 2.93 | 3.18 | 3.24 | 3.23 |
| T20°CVmin | 2.92 | 3.15 | 3.25 | 3.24 |
| T50°CVnom | 5.65 | 5.72 | 6.15 | 5.90 |
| T40°CVnom | 4.39 | 4.78 | 5.04 | 4.25 |
| T30°CVnom | 2.19 | 2.74 | 2.75 | 2.68 |
| T20°CVnom | 2.91 | 3.20 | 3.26 | 3.22 |
| T10°CVnom | 3.35 | 3.12 | 3.45 | 3.34 |
| T0°CVnom | 4.02 | 4.39 | 4.15 | 3.65 |
| T-10°CVnom | 2.86 | 2.63 | 3.01 | 2.65 |
| T-20°CVnom | 1.61 | 2.19 | 1.80 | 1.66 |
| T-30°CVnom | 1.01 | 1.18 | 1.38 | 1.61 |
| Vnom [V]: 120 | | Vmax [V]: 138 | | Vmin [V]: 102 |
| Tnom [°C]: 20 | | Tmax [°C]: 50 | | Tmin [°C]: -30 |

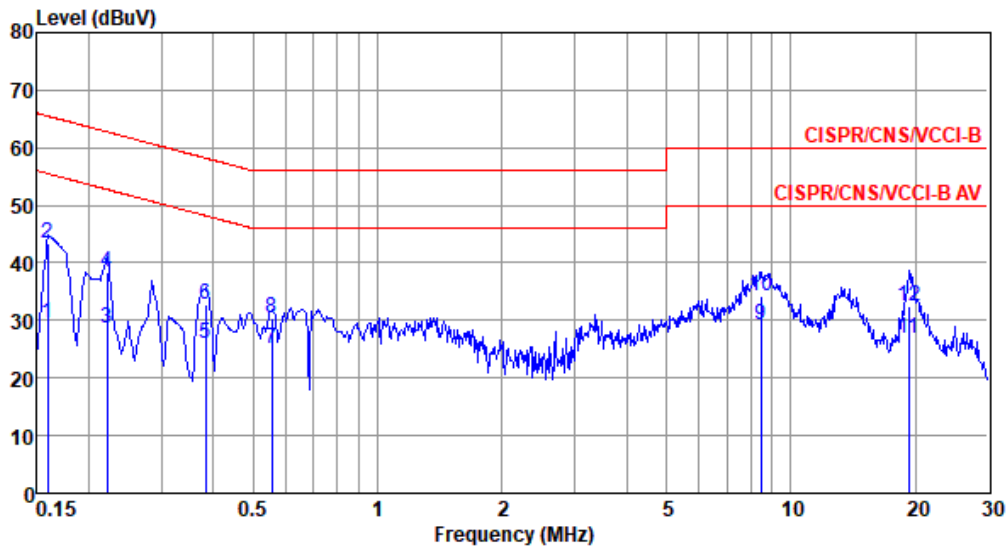
| Frequency: 5785 MHz | Frequency Drift (ppm) | | | |
|------------------------|-----------------------|---------------|-----------|----------------|
| Temperature (°C) | 0 minute | 2 minutes | 5 minutes | 10 minutes |
| T20°CVmax | 3.02 | 3.56 | 3.40 | 3.43 |
| T20°CVmin | 2.83 | 3.03 | 2.96 | 3.48 |
| T50°CVnom | 5.25 | 4.87 | 5.29 | 5.71 |
| T40°CVnom | 4.63 | 4.29 | 4.76 | 4.75 |
| T30°CVnom | 1.93 | 1.80 | 2.23 | 1.98 |
| T20°CVnom | 2.86 | 2.72 | 2.93 | 2.73 |
| T10°CVnom | 3.38 | 3.91 | 3.87 | 3.38 |
| T0°CVnom | 3.97 | 4.01 | 4.03 | 4.22 |
| T-10°CVnom | 3.30 | 3.24 | 3.81 | 3.54 |
| T-20°CVnom | 1.20 | 1.07 | 1.79 | 1.63 |
| T-30°CVnom | 1.47 | 1.99 | 1.75 | 1.64 |
| Vnom [V]: 120 | | Vmax [V]: 138 | | Vmin [V]: 102 |
| Tnom [°C]: 20 | | Tmax [°C]: 50 | | Tmin [°C]: -30 |



Non-beamforming mode

| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



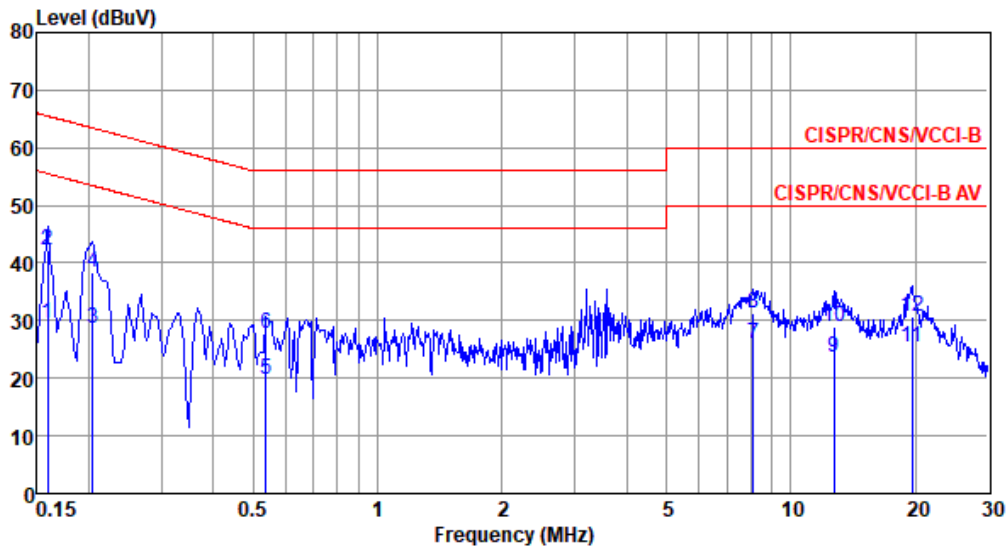
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 29.65 | 55.52 | -25.87 | 19.73 | 9.68 | 0.06 | 0.18 | Average |
| 2 | 0.159 | 43.28 | 65.52 | -22.24 | 33.36 | 9.68 | 0.06 | 0.18 | QP |
| 3 | 0.222 | 28.63 | 52.74 | -24.11 | 18.68 | 9.68 | 0.06 | 0.21 | Average |
| 4 | 0.222 | 38.31 | 62.74 | -24.43 | 28.36 | 9.68 | 0.06 | 0.21 | QP |
| 5 | 0.383 | 25.91 | 48.21 | -22.30 | 15.89 | 9.67 | 0.06 | 0.29 | Average |
| 6 | 0.383 | 32.73 | 58.21 | -25.48 | 22.71 | 9.67 | 0.06 | 0.29 | QP |
| 7 | 0.555 | 25.01 | 46.00 | -20.99 | 14.95 | 9.67 | 0.08 | 0.31 | Average |
| 8 | 0.555 | 30.50 | 56.00 | -25.50 | 20.44 | 9.67 | 0.08 | 0.31 | QP |
| 9* | 8.456 | 29.15 | 50.00 | -20.85 | 18.65 | 9.73 | 0.33 | 0.44 | Average |
| 10 | 8.456 | 34.38 | 60.00 | -25.62 | 23.88 | 9.73 | 0.33 | 0.44 | QP |
| 11 | 19.326 | 26.97 | 50.00 | -23.03 | 16.22 | 9.73 | 0.50 | 0.52 | Average |
| 12 | 19.326 | 32.59 | 60.00 | -27.41 | 21.84 | 9.73 | 0.50 | 0.52 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).



| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



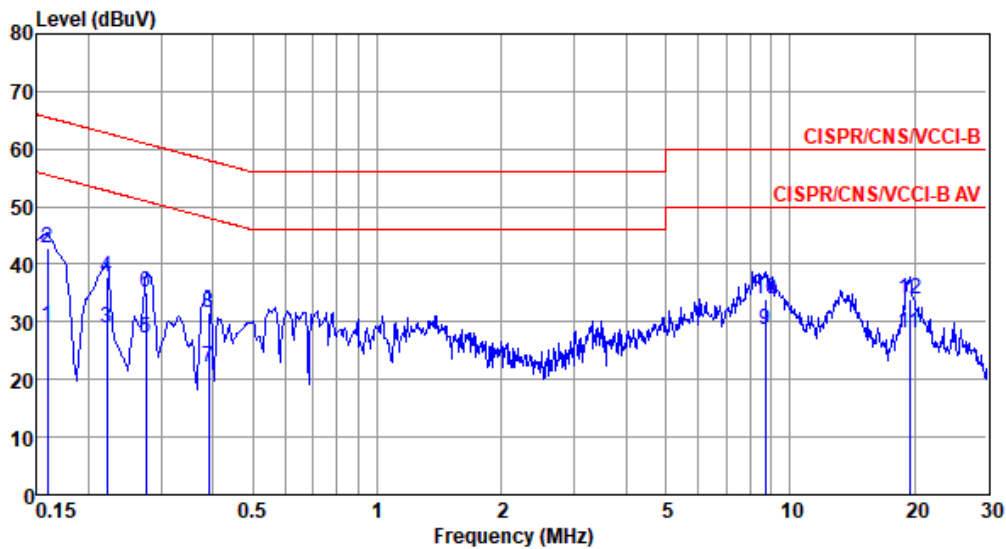
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 29.61 | 55.52 | -25.91 | 19.76 | 9.61 | 0.06 | 0.18 | Average |
| 2* | 0.159 | 42.27 | 65.52 | -23.25 | 32.42 | 9.61 | 0.06 | 0.18 | QP |
| 3 | 0.204 | 28.56 | 53.45 | -24.89 | 18.70 | 9.61 | 0.06 | 0.19 | Average |
| 4 | 0.204 | 38.29 | 63.45 | -25.16 | 28.43 | 9.61 | 0.06 | 0.19 | QP |
| 5 | 0.538 | 19.85 | 46.00 | -26.15 | 9.85 | 9.61 | 0.08 | 0.31 | Average |
| 6 | 0.538 | 27.73 | 56.00 | -28.27 | 17.73 | 9.61 | 0.08 | 0.31 | QP |
| 7 | 8.105 | 26.09 | 50.00 | -23.91 | 15.65 | 9.68 | 0.32 | 0.44 | Average |
| 8 | 8.105 | 31.28 | 60.00 | -28.72 | 20.84 | 9.68 | 0.32 | 0.44 | QP |
| 9 | 12.716 | 23.54 | 50.00 | -26.46 | 12.94 | 9.72 | 0.41 | 0.47 | Average |
| 10 | 12.716 | 28.96 | 60.00 | -31.04 | 18.36 | 9.72 | 0.41 | 0.47 | QP |
| 11 | 19.635 | 25.36 | 50.00 | -24.64 | 14.54 | 9.79 | 0.51 | 0.52 | Average |
| 12 | 19.635 | 30.76 | 60.00 | -29.24 | 19.94 | 9.79 | 0.51 | 0.52 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5795 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



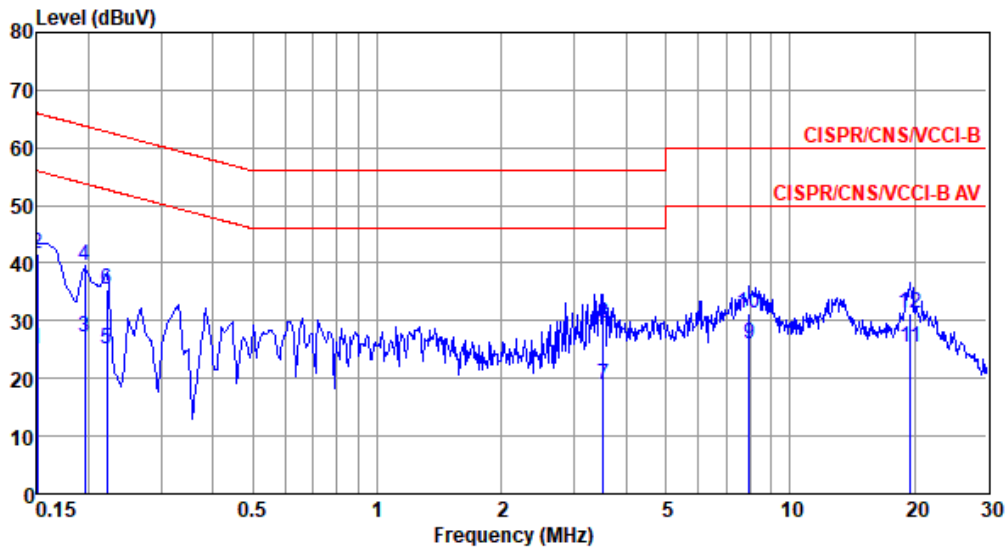
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 29.31 | 55.52 | -26.21 | 19.39 | 9.68 | 0.06 | 0.18 | Average |
| 2 | 0.159 | 42.70 | 65.52 | -22.82 | 32.78 | 9.68 | 0.06 | 0.18 | QP |
| 3 | 0.222 | 28.93 | 52.74 | -23.81 | 18.98 | 9.68 | 0.06 | 0.21 | Average |
| 4 | 0.222 | 37.88 | 62.74 | -24.86 | 27.93 | 9.68 | 0.06 | 0.21 | QP |
| 5 | 0.276 | 27.01 | 50.94 | -23.93 | 17.03 | 9.68 | 0.06 | 0.24 | Average |
| 6 | 0.276 | 35.23 | 60.94 | -25.71 | 25.25 | 9.68 | 0.06 | 0.24 | QP |
| 7 | 0.391 | 22.02 | 48.03 | -26.01 | 11.99 | 9.67 | 0.06 | 0.30 | Average |
| 8 | 0.391 | 31.51 | 58.03 | -26.52 | 21.48 | 9.67 | 0.06 | 0.30 | QP |
| 9* | 8.729 | 28.69 | 50.00 | -21.31 | 18.19 | 9.73 | 0.33 | 0.44 | Average |
| 10 | 8.729 | 33.97 | 60.00 | -26.03 | 23.47 | 9.73 | 0.33 | 0.44 | QP |
| 11 | 19.428 | 27.92 | 50.00 | -22.08 | 17.17 | 9.73 | 0.50 | 0.52 | Average |
| 12 | 19.428 | 33.92 | 60.00 | -26.08 | 23.17 | 9.73 | 0.50 | 0.52 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).



| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5795 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 25.07 | 56.00 | -30.93 | 15.22 | 9.61 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 41.63 | 66.00 | -24.37 | 31.78 | 9.61 | 0.06 | 0.18 | QP |
| 3 | 0.195 | 27.14 | 53.80 | -26.66 | 17.28 | 9.61 | 0.06 | 0.19 | Average |
| 4 | 0.195 | 39.53 | 63.80 | -24.27 | 29.67 | 9.61 | 0.06 | 0.19 | QP |
| 5 | 0.222 | 25.01 | 52.74 | -27.73 | 15.13 | 9.61 | 0.06 | 0.21 | Average |
| 6 | 0.222 | 35.52 | 62.74 | -27.22 | 25.64 | 9.61 | 0.06 | 0.21 | QP |
| 7 | 3.528 | 18.76 | 46.00 | -27.24 | 8.54 | 9.64 | 0.17 | 0.41 | Average |
| 8 | 3.528 | 29.54 | 56.00 | -26.46 | 19.32 | 9.64 | 0.17 | 0.41 | QP |
| 9* | 7.977 | 25.86 | 50.00 | -24.14 | 15.42 | 9.68 | 0.32 | 0.44 | Average |
| 10 | 7.977 | 31.33 | 60.00 | -28.67 | 20.89 | 9.68 | 0.32 | 0.44 | QP |
| 11 | 19.532 | 25.40 | 50.00 | -24.60 | 14.59 | 9.79 | 0.50 | 0.52 | Average |
| 12 | 19.532 | 31.20 | 60.00 | -28.80 | 20.39 | 9.79 | 0.50 | 0.52 | QP |

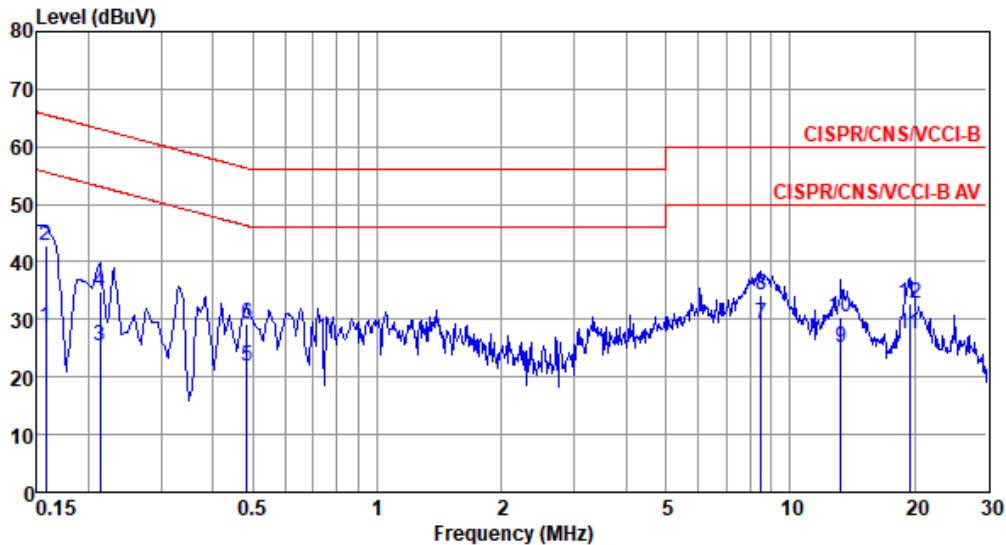
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Beamforming mode

| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



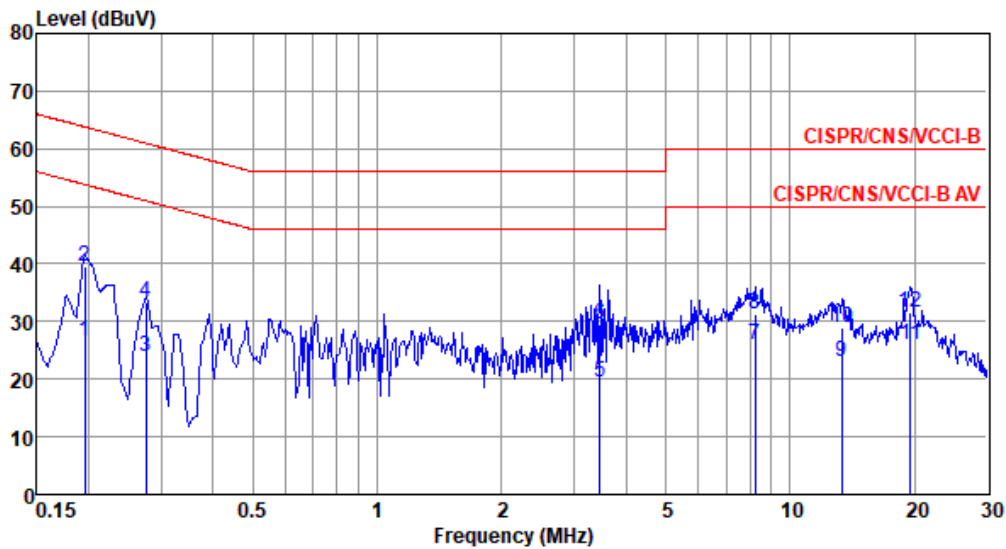
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.157 | 28.51 | 55.60 | -27.09 | 18.59 | 9.68 | 0.06 | 0.18 | Average |
| 2 | 0.157 | 42.71 | 65.60 | -22.89 | 32.79 | 9.68 | 0.06 | 0.18 | QP |
| 3 | 0.213 | 25.36 | 53.10 | -27.74 | 15.42 | 9.68 | 0.06 | 0.20 | Average |
| 4 | 0.213 | 34.92 | 63.10 | -28.18 | 24.98 | 9.68 | 0.06 | 0.20 | QP |
| 5 | 0.484 | 21.73 | 46.27 | -24.54 | 11.68 | 9.67 | 0.07 | 0.31 | Average |
| 6 | 0.484 | 29.12 | 56.27 | -27.15 | 19.07 | 9.67 | 0.07 | 0.31 | QP |
| 7* | 8.501 | 29.10 | 50.00 | -20.90 | 18.60 | 9.73 | 0.33 | 0.44 | Average |
| 8 | 8.501 | 34.24 | 60.00 | -25.76 | 23.74 | 9.73 | 0.33 | 0.44 | QP |
| 9 | 13.267 | 24.97 | 50.00 | -25.03 | 14.34 | 9.74 | 0.42 | 0.47 | Average |
| 10 | 13.267 | 30.45 | 60.00 | -29.55 | 19.82 | 9.74 | 0.42 | 0.47 | QP |
| 11 | 19.428 | 27.39 | 50.00 | -22.61 | 16.64 | 9.73 | 0.50 | 0.52 | Average |
| 12 | 19.428 | 32.64 | 60.00 | -27.36 | 21.89 | 9.73 | 0.50 | 0.52 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).



| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5230 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



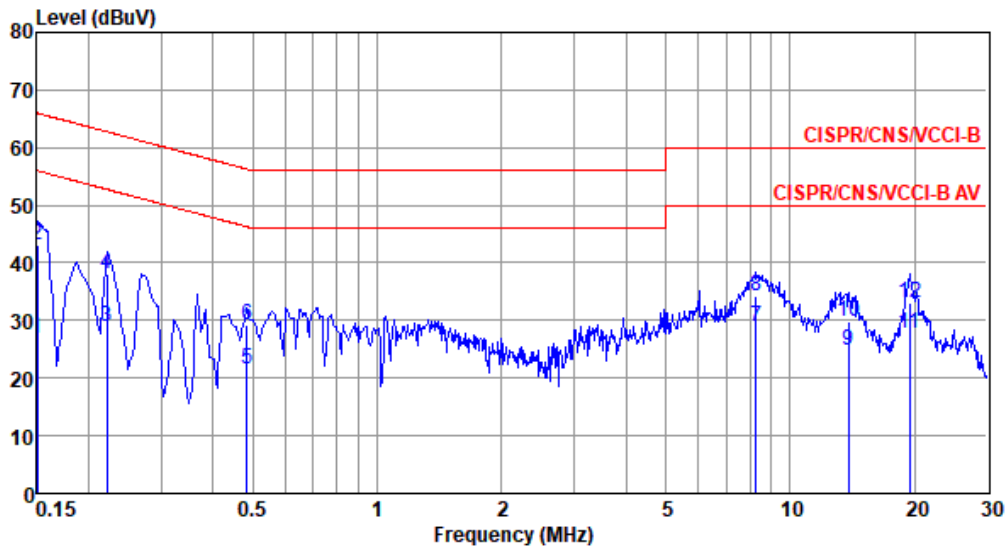
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|-----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.195 | 26.66 | 53.80 | -27.14 | 16.80 | 9.61 | 0.06 | 0.19 | Average |
| 2 | 0.195 | 39.52 | 63.80 | -24.28 | 29.66 | 9.61 | 0.06 | 0.19 | QP |
| 3 | 0.276 | 23.97 | 50.94 | -26.97 | 14.06 | 9.61 | 0.06 | 0.24 | Average |
| 4 | 0.276 | 33.29 | 60.94 | -27.65 | 23.38 | 9.61 | 0.06 | 0.24 | QP |
| 5 | 3.454 | 19.49 | 46.00 | -26.51 | 9.27 | 9.64 | 0.17 | 0.41 | Average |
| 6 | 3.454 | 29.44 | 56.00 | -26.56 | 19.22 | 9.64 | 0.17 | 0.41 | QP |
| 7 | 8.235 | 25.92 | 50.00 | -24.08 | 15.48 | 9.68 | 0.32 | 0.44 | Average |
| 8 | 8.235 | 31.27 | 60.00 | -28.73 | 20.83 | 9.68 | 0.32 | 0.44 | QP |
| 9 | 13.337 | 23.13 | 50.00 | -26.87 | 12.50 | 9.73 | 0.42 | 0.48 | Average |
| 10 | 13.337 | 28.86 | 60.00 | -31.14 | 18.23 | 9.73 | 0.42 | 0.48 | QP |
| 11* | 19.532 | 26.09 | 50.00 | -23.91 | 15.28 | 9.79 | 0.50 | 0.52 | Average |
| 12 | 19.532 | 31.57 | 60.00 | -28.43 | 20.76 | 9.79 | 0.50 | 0.52 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5775 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



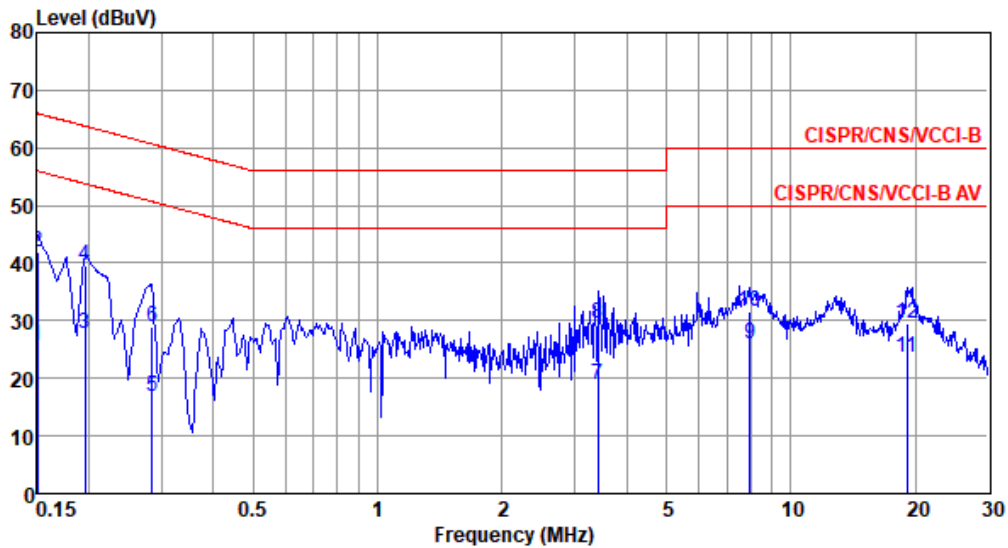
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 26.96 | 56.00 | -29.04 | 17.04 | 9.68 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 43.18 | 66.00 | -22.82 | 33.26 | 9.68 | 0.06 | 0.18 | QP |
| 3 | 0.222 | 28.97 | 52.74 | -23.77 | 19.02 | 9.68 | 0.06 | 0.21 | Average |
| 4 | 0.222 | 38.05 | 62.74 | -24.69 | 28.10 | 9.68 | 0.06 | 0.21 | QP |
| 5 | 0.484 | 21.47 | 46.27 | -24.80 | 11.42 | 9.67 | 0.07 | 0.31 | Average |
| 6 | 0.484 | 29.21 | 56.27 | -27.06 | 19.16 | 9.67 | 0.07 | 0.31 | QP |
| 7* | 8.279 | 28.81 | 50.00 | -21.19 | 18.32 | 9.73 | 0.32 | 0.44 | Average |
| 8 | 8.279 | 34.29 | 60.00 | -25.71 | 23.80 | 9.73 | 0.32 | 0.44 | QP |
| 9 | 13.841 | 24.70 | 50.00 | -25.30 | 14.06 | 9.74 | 0.42 | 0.48 | Average |
| 10 | 13.841 | 29.94 | 60.00 | -30.06 | 19.30 | 9.74 | 0.42 | 0.48 | QP |
| 11 | 19.428 | 27.71 | 50.00 | -22.29 | 16.96 | 9.73 | 0.50 | 0.52 | Average |
| 12 | 19.428 | 33.06 | 60.00 | -26.94 | 22.31 | 9.73 | 0.50 | 0.52 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



| | | | |
|-----------------|---------------|------------------|------|
| Modulation Mode | ax HE40-OFDMA | Test Freq. (MHz) | 5775 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 24°C Humidity: 66%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 25.83 | 56.00 | -30.17 | 15.98 | 9.61 | 0.06 | 0.18 | Average |
| 2* | 0.150 | 41.94 | 66.00 | -24.06 | 32.09 | 9.61 | 0.06 | 0.18 | QP |
| 3 | 0.195 | 27.77 | 53.80 | -26.03 | 17.91 | 9.61 | 0.06 | 0.19 | Average |
| 4 | 0.195 | 39.55 | 63.80 | -24.25 | 29.69 | 9.61 | 0.06 | 0.19 | QP |
| 5 | 0.285 | 16.94 | 50.68 | -33.74 | 7.02 | 9.61 | 0.06 | 0.25 | Average |
| 6 | 0.285 | 28.99 | 60.68 | -31.69 | 19.07 | 9.61 | 0.06 | 0.25 | QP |
| 7 | 3.417 | 18.96 | 46.00 | -27.04 | 8.74 | 9.64 | 0.17 | 0.41 | Average |
| 8 | 3.417 | 29.64 | 56.00 | -26.36 | 19.42 | 9.64 | 0.17 | 0.41 | QP |
| 9 | 7.977 | 25.89 | 50.00 | -24.11 | 15.45 | 9.68 | 0.32 | 0.44 | Average |
| 10 | 7.977 | 31.46 | 60.00 | -28.54 | 21.02 | 9.68 | 0.32 | 0.44 | QP |
| 11 | 19.122 | 23.69 | 50.00 | -26.31 | 12.89 | 9.78 | 0.50 | 0.52 | Average |
| 12 | 19.122 | 29.42 | 60.00 | -30.58 | 18.62 | 9.78 | 0.50 | 0.52 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).