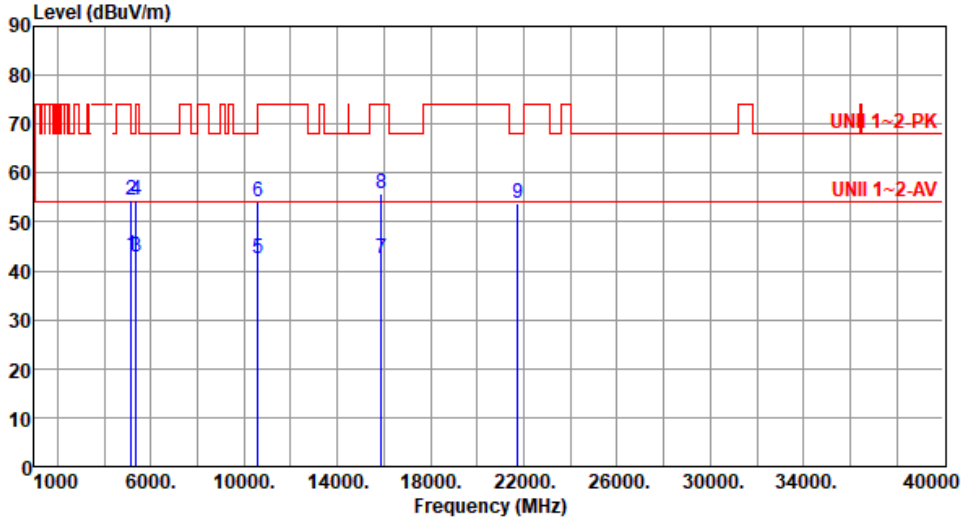




| | | | |
|--------------|------------|------------------|------|
| Modulation | ax HE20 | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 23 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 | 5150.00 | 43.31 | 54.00 | -10.69 | 43.17 | 0.14 | Average | 227 | 276 |
| 2 | 5150.00 | 54.60 | 74.00 | -19.40 | 54.46 | 0.14 | Peak | 227 | 276 |
| 3 | 5350.00 | 42.93 | 54.00 | -11.07 | 43.22 | -0.29 | Average | 227 | 276 |
| 4 | 5350.00 | 54.53 | 74.00 | -19.47 | 54.82 | -0.29 | Peak | 227 | 276 |
| 5 | 10600.00 | 42.58 | 54.00 | -11.42 | 35.41 | 7.17 | Average | 100 | 247 |
| 6 | 10600.00 | 54.28 | 74.00 | -19.72 | 47.11 | 7.17 | Peak | 100 | 247 |
| 7 | 15900.00 | 42.63 | 54.00 | -11.37 | 38.58 | 4.05 | Average | 100 | 127 |
| 8 | 15900.00 | 55.68 | 74.00 | -18.32 | 51.63 | 4.05 | Peak | 100 | 127 |
| 9 | 21730.00 | 53.69 | 68.20 | -14.51 | 49.94 | 3.75 | Peak | 100 | 108 |

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

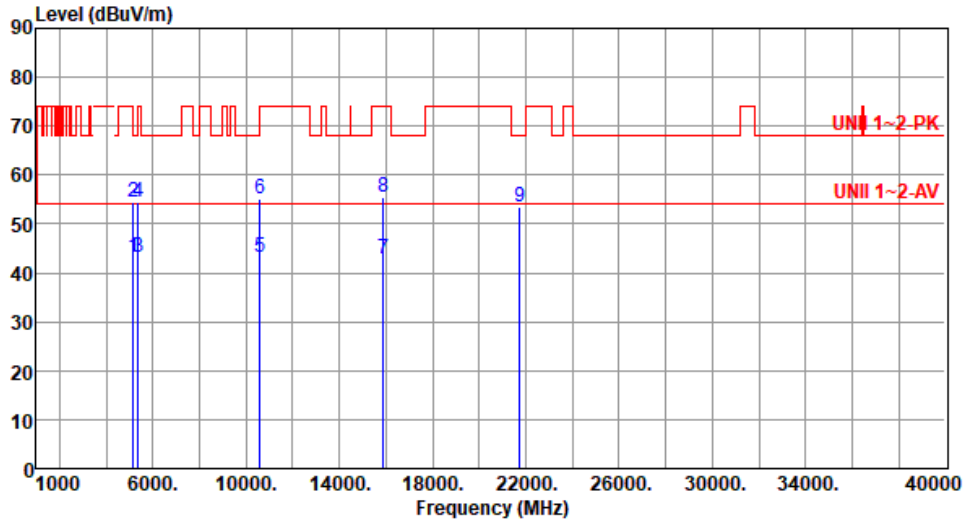
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5150.00 | 43.22 | 54.00 | -10.78 | 43.08 | 0.14 | Average | 105 | 8 |
| 2 | 5150.00 | 54.56 | 74.00 | -19.44 | 54.42 | 0.14 | Peak | 105 | 8 |
| 3 | 5350.00 | 43.32 | 54.00 | -10.68 | 43.61 | -0.29 | Average | 105 | 8 |
| 4 | 5350.00 | 54.54 | 74.00 | -19.46 | 54.83 | -0.29 | Peak | 105 | 8 |
| 5 | 10600.00 | 43.06 | 54.00 | -10.94 | 35.89 | 7.17 | Average | 100 | 315 |
| 6 | 10600.00 | 54.98 | 74.00 | -19.02 | 47.81 | 7.17 | Peak | 100 | 315 |
| 7 | 15900.00 | 42.84 | 54.00 | -11.16 | 38.79 | 4.05 | Average | 100 | 213 |
| 8 | 15900.00 | 55.39 | 74.00 | -18.61 | 51.34 | 4.05 | Peak | 100 | 213 |
| 9 | 21730.00 | 53.59 | 68.20 | -14.61 | 49.84 | 3.75 | Peak | 100 | 203 |

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

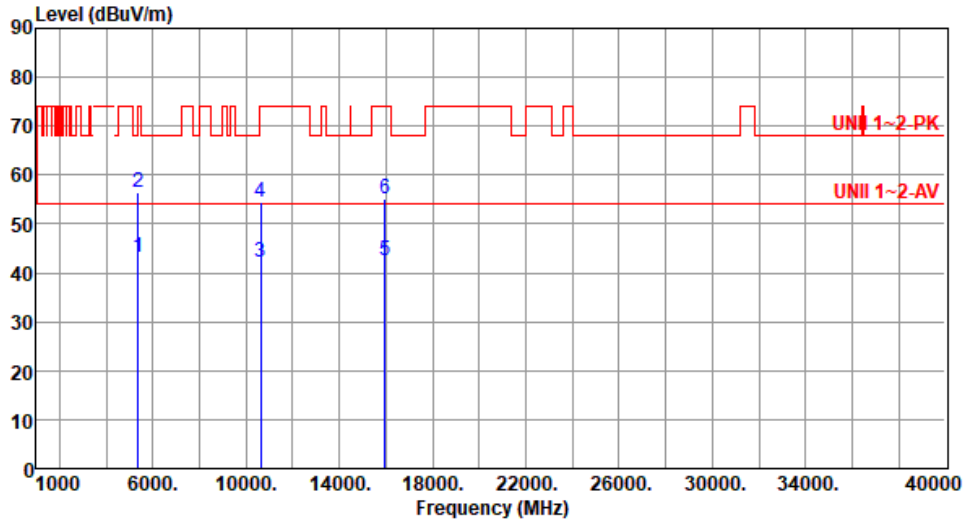
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5350.00 | 43.23 | 54.00 | -10.77 | 43.52 | -0.29 | Average | 241 | 247 |
| 2 | 5350.00 | 56.59 | 74.00 | -17.41 | 56.88 | -0.29 | Peak | 241 | 247 |
| 3 | 10640.00 | 42.28 | 54.00 | -11.72 | 35.16 | 7.12 | Average | 100 | 123 |
| 4 | 10640.00 | 54.30 | 74.00 | -19.70 | 47.18 | 7.12 | Peak | 100 | 123 |
| 5 | 15960.00 | 42.67 | 54.00 | -11.33 | 38.64 | 4.03 | Average | 100 | 214 |
| 6 | 15960.00 | 55.25 | 74.00 | -18.75 | 51.22 | 4.03 | Peak | 100 | 214 |

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

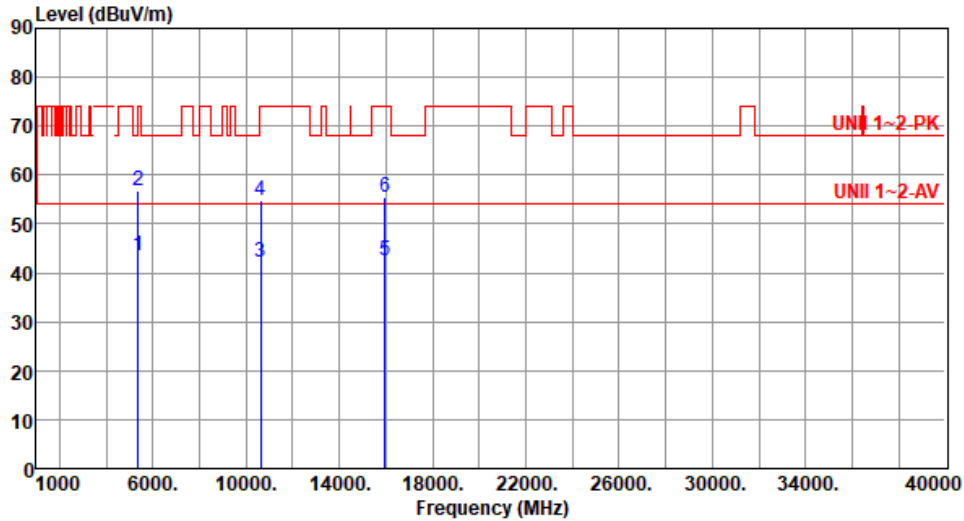
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5350.00 | 43.37 | 54.00 | -10.63 | 43.66 | -0.29 | Average | 100 | 5 |
| 2 | 5350.00 | 56.63 | 74.00 | -17.37 | 56.92 | -0.29 | Peak | 100 | 5 |
| 3 | 10640.00 | 42.32 | 54.00 | -11.68 | 35.20 | 7.12 | Average | 100 | 255 |
| 4 | 10640.00 | 54.75 | 74.00 | -19.25 | 47.63 | 7.12 | Peak | 100 | 255 |
| 5 | 15960.00 | 42.64 | 54.00 | -11.36 | 38.61 | 4.03 | Average | 100 | 108 |
| 6 | 15960.00 | 55.30 | 74.00 | -18.70 | 51.27 | 4.03 | Peak | 100 | 108 |

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

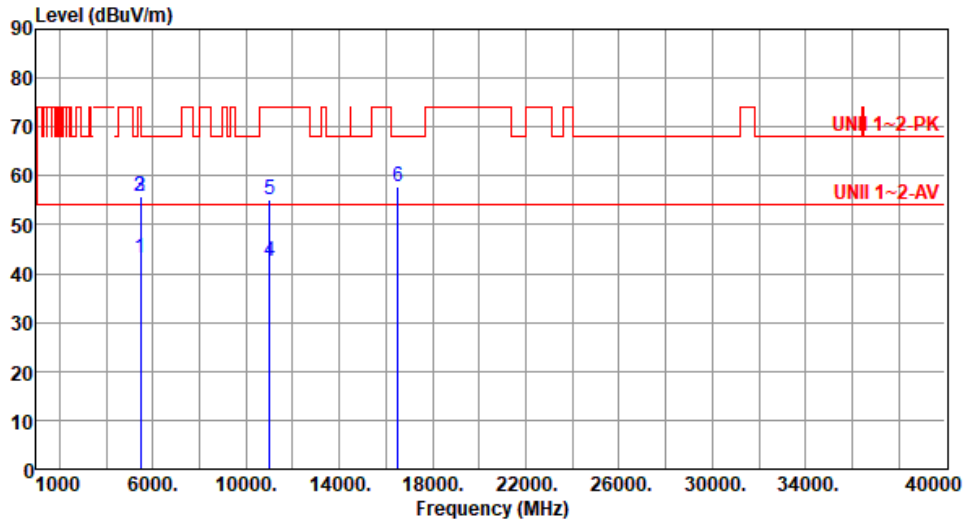
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 43.09 | 54.00 | -10.91 | 43.12 | -0.03 | Average | 246 | 240 |
| 2 | 5460.00 | 55.74 | 74.00 | -18.26 | 55.77 | -0.03 | Peak | 246 | 240 |
| 3 | 5470.00 | 55.93 | 68.20 | -12.27 | 55.94 | -0.01 | Peak | 246 | 240 |
| 4 | 11000.00 | 42.59 | 54.00 | -11.41 | 35.10 | 7.49 | Average | 100 | 102 |
| 5 | 11000.00 | 55.13 | 74.00 | -18.87 | 47.64 | 7.49 | Peak | 100 | 102 |
| 6 | 16500.00 | 57.66 | 68.20 | -10.54 | 51.67 | 5.99 | Peak | 100 | 54 |

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

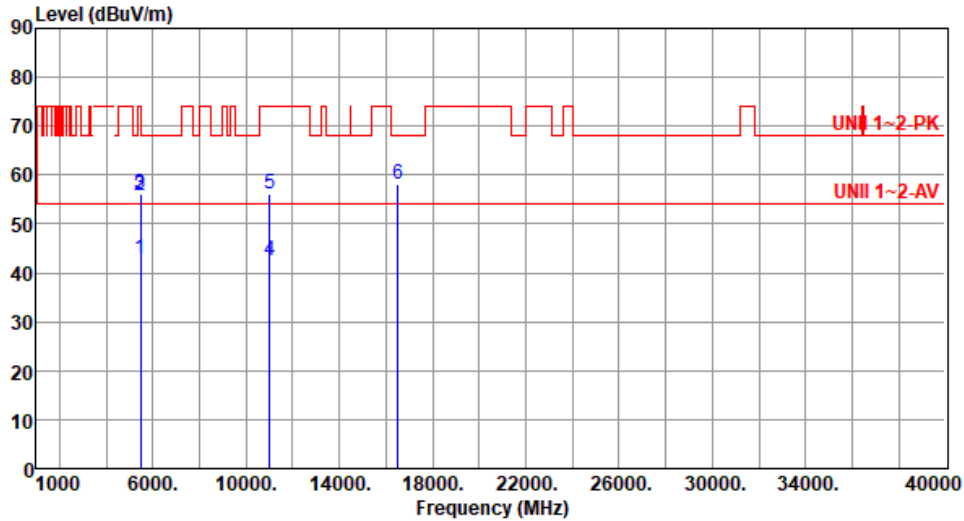
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 42.92 | 54.00 | -11.08 | 42.95 | -0.03 | Average | 100 | 351 |
| 2 | 5460.00 | 55.80 | 74.00 | -18.20 | 55.83 | -0.03 | Peak | 100 | 351 |
| 3 | 5470.00 | 56.26 | 68.20 | -11.94 | 56.27 | -0.01 | Peak | 100 | 351 |
| 4 | 11000.00 | 42.38 | 54.00 | -11.62 | 34.89 | 7.49 | Average | 100 | 218 |
| 5 | 11000.00 | 56.06 | 74.00 | -17.94 | 48.57 | 7.49 | Peak | 100 | 218 |
| 6 | 16500.00 | 58.10 | 68.20 | -10.10 | 52.11 | 5.99 | Peak | 100 | 218 |

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

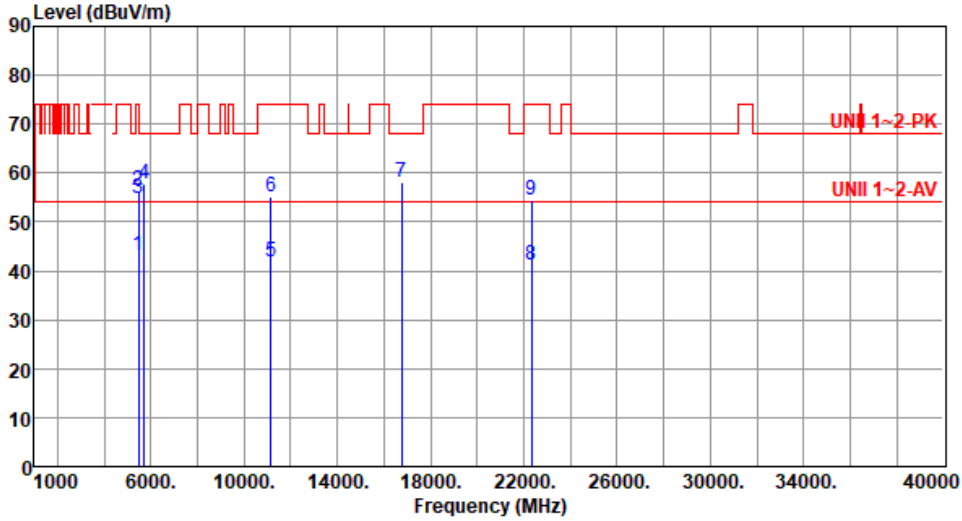
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 43.05 | 54.00 | -10.95 | 43.08 | -0.03 | Average | 158 | 235 |
| 2 | 5460.00 | 56.50 | 74.00 | -17.50 | 56.53 | -0.03 | Peak | 158 | 235 |
| 3 | 5470.00 | 54.80 | 68.20 | -13.40 | 54.81 | -0.01 | Peak | 158 | 235 |
| 4 | 5725.00 | 57.68 | 68.20 | -10.52 | 57.20 | 0.48 | Peak | 100 | 15 |
| 5 | 11160.00 | 41.94 | 54.00 | -12.06 | 35.01 | 6.93 | Average | 100 | 103 |
| 6 | 11160.00 | 55.03 | 74.00 | -18.97 | 48.10 | 6.93 | Peak | 100 | 103 |
| 7 | 16740.00 | 58.07 | 68.20 | -10.13 | 51.72 | 6.35 | Peak | 100 | 115 |
| 8 | 22320.00 | 41.06 | 54.00 | -12.94 | 36.49 | 4.57 | Average | 100 | 217 |
| 9 | 22320.00 | 54.59 | 74.00 | -19.41 | 50.02 | 4.57 | Peak | 100 | 217 |

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

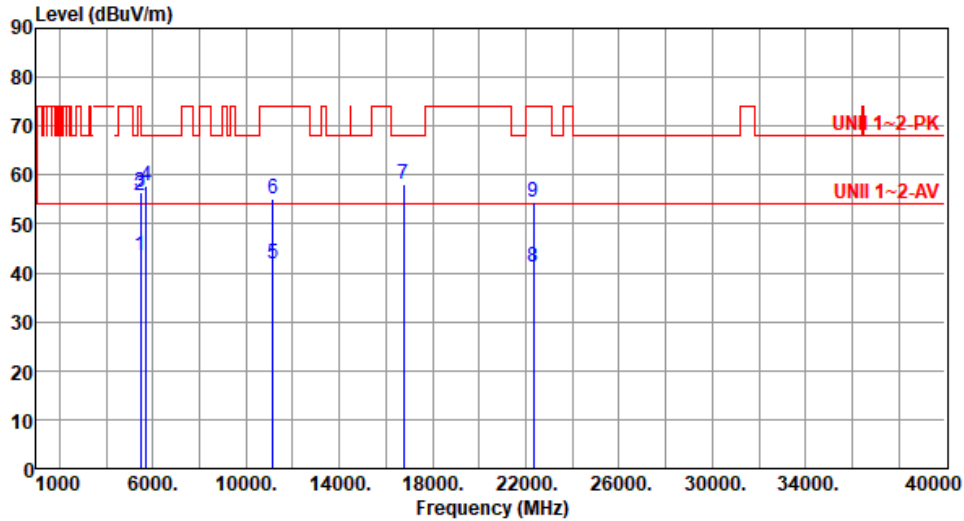
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 43.47 | 54.00 | -10.53 | 43.50 | -0.03 | Average | 100 | 13 |
| 2 | 5460.00 | 55.91 | 74.00 | -18.09 | 55.94 | -0.03 | Peak | 100 | 13 |
| 3 | 5470.00 | 56.60 | 68.20 | -11.60 | 56.61 | -0.01 | Peak | 100 | 13 |
| 4 | 5725.00 | 57.84 | 68.20 | -10.36 | 57.36 | 0.48 | Peak | 100 | 13 |
| 5 | 11160.00 | 41.79 | 54.00 | -12.21 | 34.86 | 6.93 | Average | 100 | 251 |
| 6 | 11160.00 | 55.21 | 74.00 | -18.79 | 48.28 | 6.93 | Peak | 100 | 251 |
| 7 | 16740.00 | 58.14 | 68.20 | -10.06 | 51.79 | 6.35 | Peak | 100 | 251 |
| 8 | 22320.00 | 41.02 | 54.00 | -12.98 | 36.45 | 4.57 | Average | 100 | 273 |
| 9 | 22320.00 | 54.38 | 74.00 | -19.62 | 49.81 | 4.57 | Peak | 100 | 273 |

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

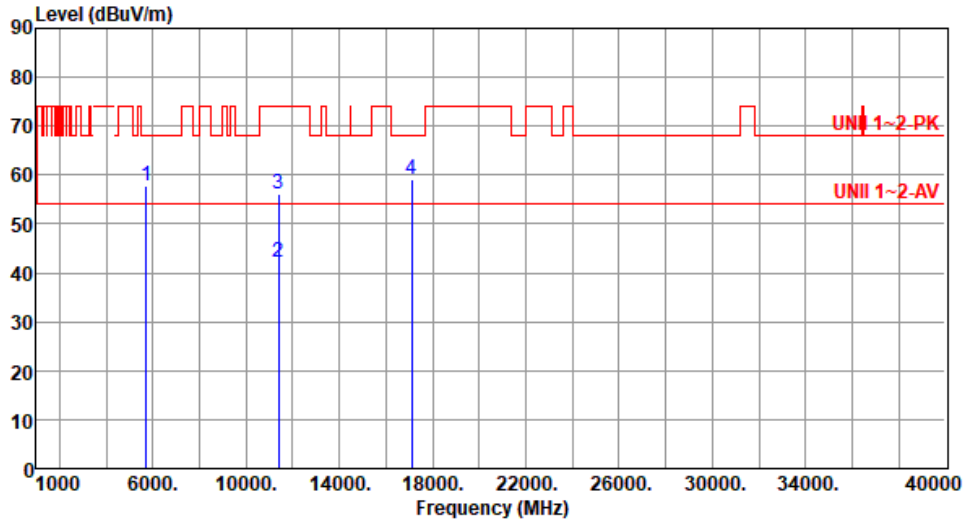
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5725.00 | 57.71 | 68.20 | -10.49 | 57.23 | 0.48 | Peak | 237 | 241 |
| 2 | 11400.00 | 42.14 | 54.00 | -11.86 | 35.12 | 7.02 | Average | 100 | 227 |
| 3 | 11400.00 | 56.26 | 74.00 | -17.74 | 49.24 | 7.02 | Peak | 100 | 227 |
| 4 | 17100.00 | 59.11 | 68.20 | -9.09 | 53.16 | 5.95 | Peak | 100 | 148 |

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

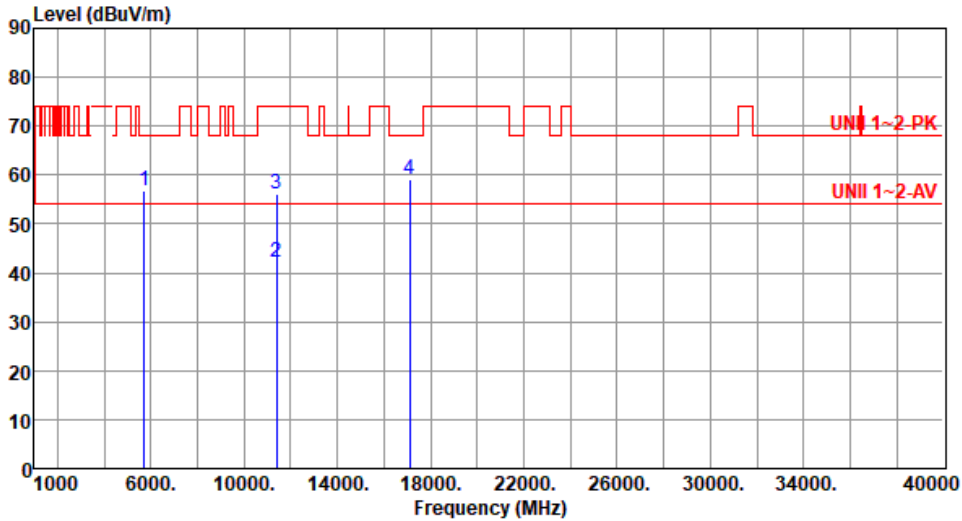
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5725.00 | 56.90 | 68.20 | -11.30 | 56.42 | 0.48 | Peak | 100 | 15 |
| 2 | 11400.00 | 42.14 | 54.00 | -11.86 | 35.12 | 7.02 | Average | 100 | 228 |
| 3 | 11400.00 | 56.28 | 74.00 | -17.72 | 49.26 | 7.02 | Peak | 100 | 228 |
| 4 | 17100.00 | 59.19 | 68.20 | -9.01 | 53.24 | 5.95 | Peak | 100 | 105 |

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

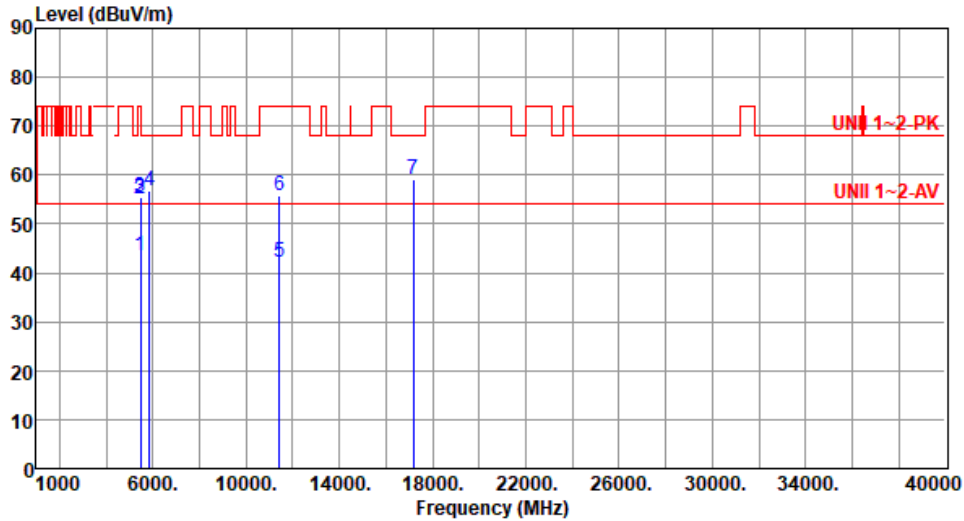
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5460.00 | 43.53 | 54.00 | -10.47 | 43.56 | -0.03 | Average | 236 | 235 |
| 2 | 5460.00 | 55.26 | 74.00 | -18.74 | 55.29 | -0.03 | Peak | 236 | 235 |
| 3 | 5470.00 | 55.36 | 68.20 | -12.84 | 55.37 | -0.01 | Peak | 236 | 235 |
| 4 | 5850.00 | 56.88 | 68.20 | -11.32 | 56.13 | 0.75 | Peak | 236 | 235 |
| 5 | 11440.00 | 42.34 | 54.00 | -11.66 | 35.26 | 7.08 | Average | 100 | 103 |
| 6 | 11440.00 | 55.67 | 74.00 | -18.33 | 48.59 | 7.08 | Peak | 100 | 103 |
| 7 | 17160.00 | 59.19 | 68.20 | -9.01 | 53.13 | 6.06 | Peak | 100 | 213 |

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

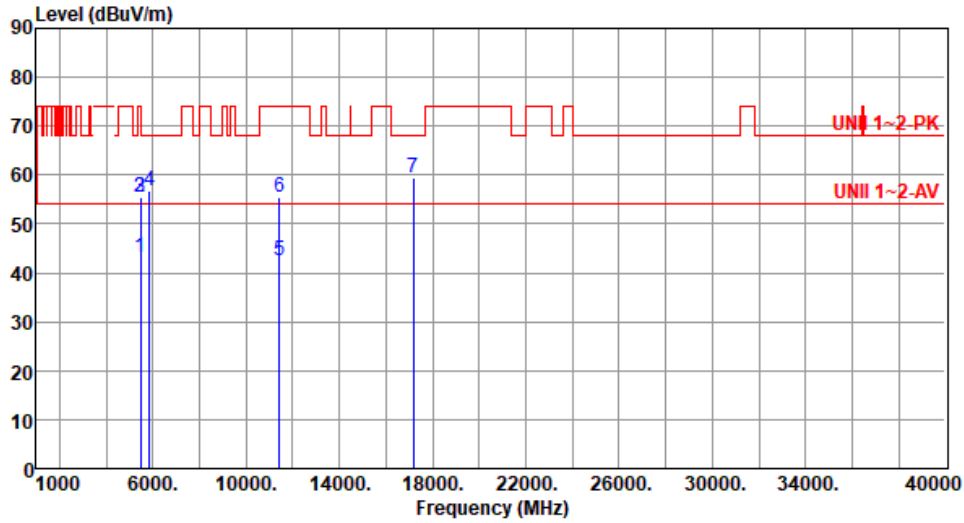
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5460.00 | 43.28 | 54.00 | -10.72 | 43.31 | -0.03 | Average | 100 | 7 |
| 2 | 5460.00 | 55.31 | 74.00 | -18.69 | 55.34 | -0.03 | Peak | 100 | 7 |
| 3 | 5470.00 | 55.56 | 68.20 | -12.64 | 55.57 | -0.01 | Peak | 100 | 7 |
| 4 | 5850.00 | 56.82 | 68.20 | -11.38 | 56.07 | 0.75 | Peak | 100 | 7 |
| 5 | 11440.00 | 42.48 | 54.00 | -11.52 | 35.40 | 7.08 | Average | 100 | 148 |
| 6 | 11440.00 | 55.32 | 74.00 | -18.68 | 48.24 | 7.08 | Peak | 100 | 148 |
| 7 | 17160.00 | 59.48 | 68.20 | -8.72 | 53.42 | 6.06 | Peak | 100 | 173 |

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

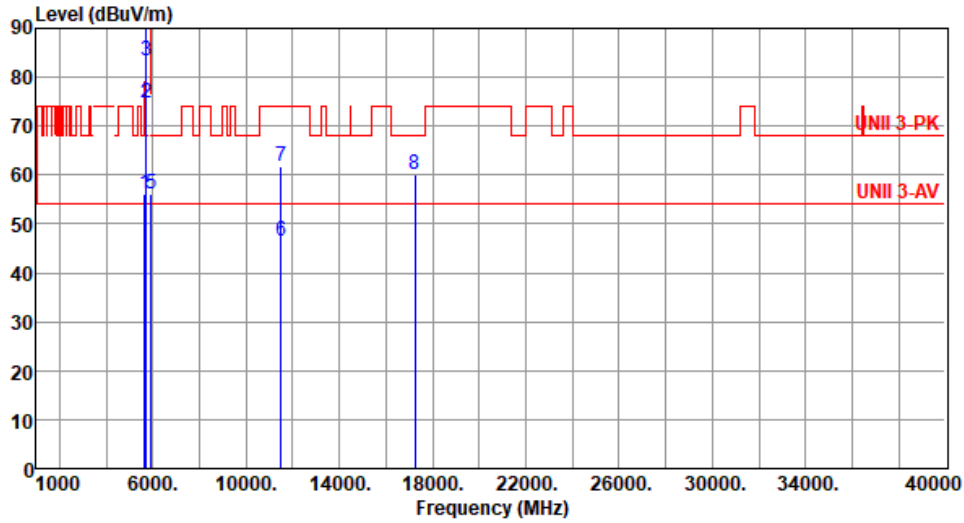
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Paul Lin Temperature(°C): 25 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 | 56.19 | 68.20 | -12.01 | 56.05 | 0.14 | Peak | 150 | 227 |
| 2 | 5700.00 | 74.60 | 105.20 | -30.60 | 74.24 | 0.36 | Peak | 150 | 227 |
| 3 | 5720.00 | 83.31 | 110.80 | -27.49 | 82.85 | 0.46 | Peak | 150 | 227 |
| 4 | 5725.00 | 89.87 | 122.20 | -32.33 | 89.39 | 0.48 | Peak | 150 | 227 |
| 5 | 5925.00 | 56.19 | 68.20 | -12.01 | 55.12 | 1.07 | Peak | 150 | 227 |
| 6 | 11490.00 | 46.63 | 54.00 | -7.37 | 39.46 | 7.17 | Average | 183 | 227 |
| 7 | 11490.00 | 61.78 | 74.00 | -12.22 | 54.61 | 7.17 | Peak | 183 | 227 |
| 8 | 17235.00 | 59.97 | 68.20 | -8.23 | 53.89 | 6.08 | Peak | 100 | 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).

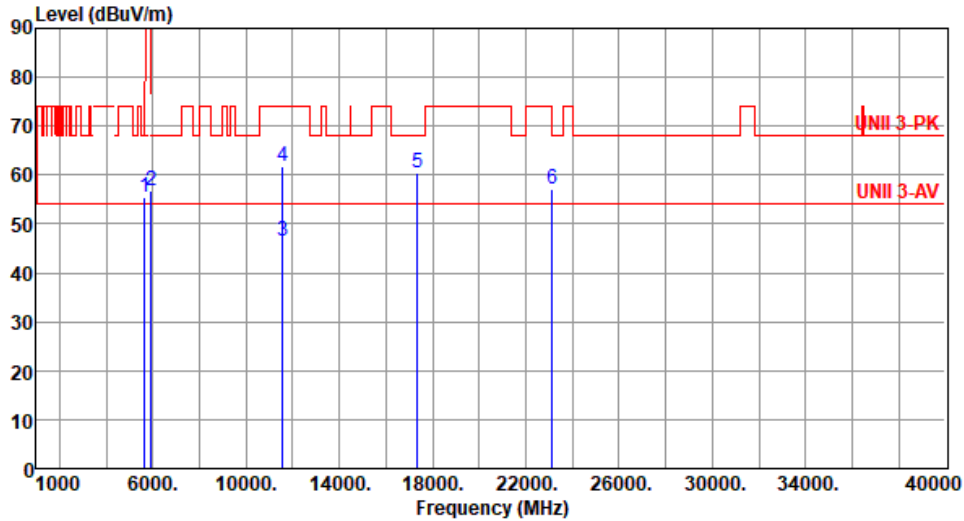


| | | | | | | | | | |
|---|----------|---------------------|-------------------------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 | | Test Freq. (MHz) | 5745 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 62 | | | | | |
| | | | | | | | | | |
| | 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 | 61.54 | 68.20 | -6.66 | 61.40 | 0.14 | Peak | 100 | 13 |
| 2 | 5700.00 | 77.64 | 105.20 | -27.56 | 77.28 | 0.36 | Peak | 100 | 13 |
| 3 | 5720.00 | 86.31 | 110.80 | -24.49 | 85.85 | 0.46 | Peak | 100 | 13 |
| 4 | 5725.00 | 94.09 | 122.20 | -28.11 | 93.61 | 0.48 | Peak | 100 | 13 |
| 5 | 5925.00 | 57.50 | 68.20 | -10.70 | 56.43 | 1.07 | Peak | 100 | 13 |
| 6 | 11490.00 | 44.43 | 54.00 | -9.57 | 37.26 | 7.17 | Average | 126 | 283 |
| 7 | 11490.00 | 58.84 | 74.00 | -15.16 | 51.67 | 7.17 | Peak | 126 | 283 |
| 8 | 17235.00 | 59.85 | 68.20 | -8.35 | 53.77 | 6.08 | Peak | 100 | 155 |
| <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 | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):25 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 | 55.59 | 68.20 | -12.61 | 55.45 | 0.14 | Peak | 155 | 227 |
| 2 | 5925.00 | 56.88 | 68.20 | -11.32 | 55.81 | 1.07 | Peak | 155 | 227 |
| 3 | 11570.00 | 46.47 | 54.00 | -7.53 | 39.52 | 6.95 | Average | 185 | 225 |
| 4 | 11570.00 | 61.81 | 74.00 | -12.19 | 54.86 | 6.95 | Peak | 185 | 225 |
| 5 | 17355.00 | 60.32 | 68.20 | -7.88 | 54.10 | 6.22 | Peak | 100 | 106 |
| 6 | 23140.00 | 57.07 | 68.20 | -11.13 | 50.84 | 6.23 | Peak | 239 | 117 |

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

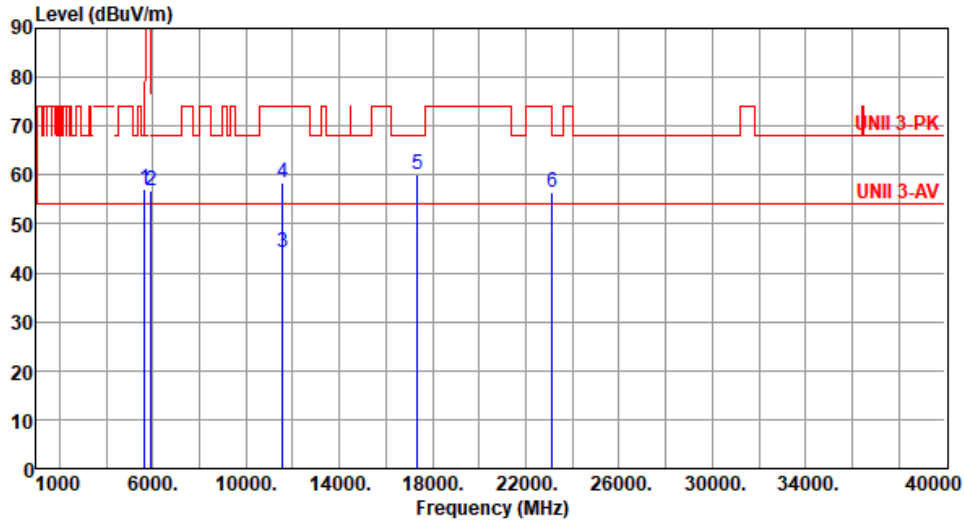
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 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 | 57.07 | 68.20 | -11.13 | 56.93 | 0.14 | Peak | 100 | 66 |
| 2 | 5925.00 | 56.92 | 68.20 | -11.28 | 55.85 | 1.07 | Peak | 100 | 66 |
| 3 | 11570.00 | 44.06 | 54.00 | -9.94 | 37.11 | 6.95 | Average | 128 | 281 |
| 4 | 11570.00 | 58.40 | 74.00 | -15.60 | 51.45 | 6.95 | Peak | 128 | 281 |
| 5 | 17355.00 | 60.17 | 68.20 | -8.03 | 53.95 | 6.22 | Peak | 100 | 146 |
| 6 | 23140.00 | 56.38 | 68.20 | -11.82 | 50.15 | 6.23 | Peak | 346 | 128 |

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

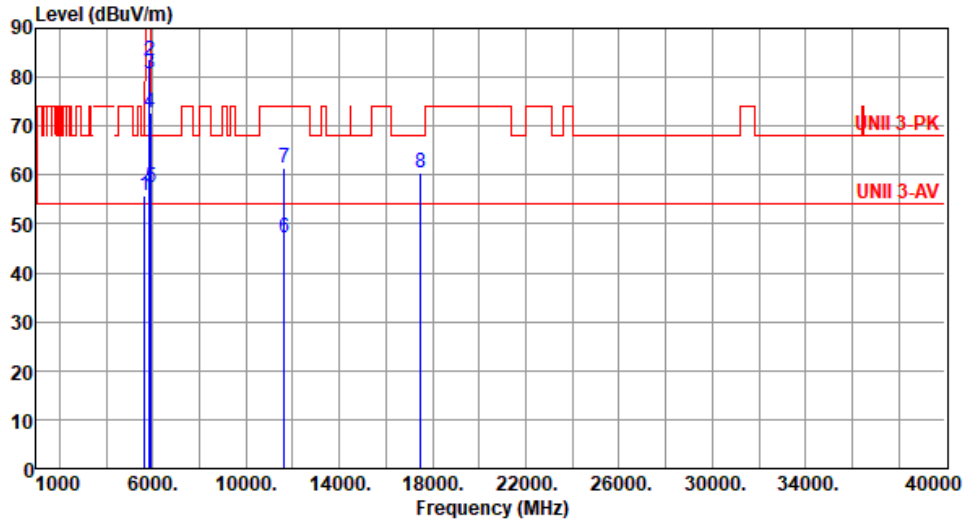
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 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 | 55.77 | 68.20 | -12.43 | 55.63 | 0.14 | Peak | 147 | 235 |
| 2 | 5850.00 | 83.25 | 122.20 | -38.95 | 82.50 | 0.75 | Peak | 147 | 235 |
| 3 | 5855.00 | 80.81 | 110.80 | -29.99 | 80.03 | 0.78 | Peak | 147 | 235 |
| 4 | 5875.00 | 72.66 | 105.20 | -32.54 | 71.79 | 0.87 | Peak | 147 | 235 |
| 5 | 5925.00 | 57.53 | 68.20 | -10.67 | 56.46 | 1.07 | Peak | 147 | 235 |
| 6 | 11650.00 | 47.03 | 54.00 | -6.97 | 40.36 | 6.67 | Average | 167 | 231 |
| 7 | 11650.00 | 61.46 | 74.00 | -12.54 | 54.79 | 6.67 | Peak | 167 | 231 |
| 8 | 17475.00 | 60.46 | 68.20 | -7.74 | 53.88 | 6.58 | Peak | 100 | 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 | | Test Freq. (MHz) | 5825 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | 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 | 55.28 | 68.20 | -12.92 | 55.14 | 0.14 | Peak | 100 | 62 |
| 2 | 5850.00 | 87.68 | 122.20 | -34.52 | 86.93 | 0.75 | Peak | 100 | 62 |
| 3 | 5855.00 | 80.36 | 110.80 | -30.44 | 79.58 | 0.78 | Peak | 100 | 62 |
| 4 | 5875.00 | 75.45 | 105.20 | -29.75 | 74.58 | 0.87 | Peak | 100 | 62 |
| 5 | 5925.00 | 59.92 | 68.20 | -8.28 | 58.85 | 1.07 | Peak | 100 | 62 |
| 6 | 11650.00 | 44.89 | 54.00 | -9.11 | 38.22 | 6.67 | Average | 127 | 283 |
| 7 | 11650.00 | 59.34 | 74.00 | -14.66 | 52.67 | 6.67 | Peak | 127 | 283 |
| 8 | 17475.00 | 59.84 | 68.20 | -8.36 | 53.26 | 6.58 | Peak | 100 | 208 |

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

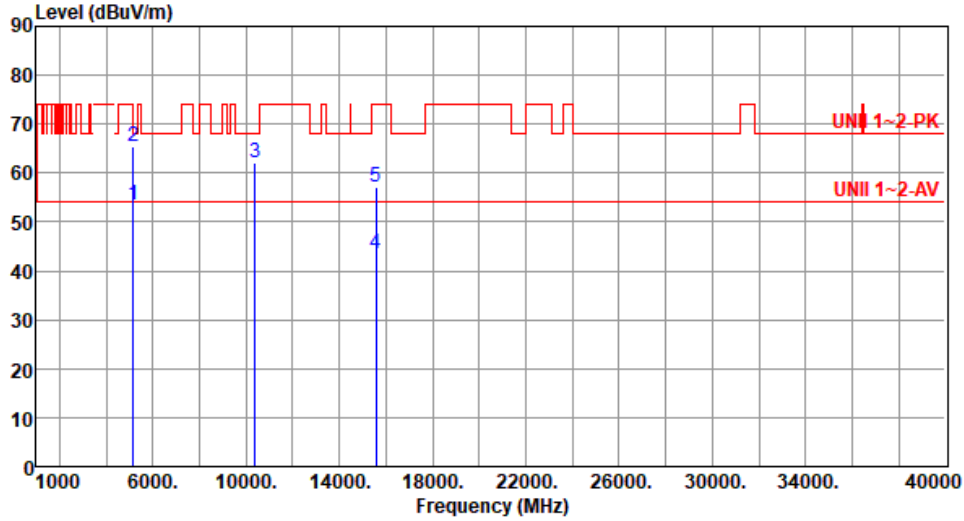
| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40 | Test Freq. (MHz) | 5190 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 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 | 5150.00 | 53.00 | 54.00 | -1.00 | 52.86 | 0.14 | Average | 238 | 251 |
| 2 | 5150.00 | 67.30 | 74.00 | -6.70 | 67.16 | 0.14 | Peak | 238 | 251 |
| 3 | 10380.00 | 59.34 | 68.20 | -8.86 | 52.28 | 7.06 | Peak | 111 | 331 |
| 4 | 15570.00 | 43.50 | 54.00 | -10.50 | 39.55 | 3.95 | Average | 100 | 167 |
| 5 | 15570.00 | 57.42 | 74.00 | -16.58 | 53.47 | 3.95 | Peak | 100 | 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 HE40 | Test Freq. (MHz) | 5190 |
| Polarization | Vertical | | |

Test By : Paul Lin Temperature(°C): 25 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 | 5150.00 | 53.42 | 54.00 | -0.58 | 53.28 | 0.14 | Average | 100 | 135 |
| 2 | 5150.00 | 65.57 | 74.00 | -8.43 | 65.43 | 0.14 | Peak | 100 | 135 |
| 3 | 10380.00 | 62.06 | 68.20 | -6.14 | 55.00 | 7.06 | Peak | 100 | 311 |
| 4 | 15570.00 | 43.64 | 54.00 | -10.36 | 39.69 | 3.95 | Average | 100 | 93 |
| 5 | 15570.00 | 57.19 | 74.00 | -16.81 | 53.24 | 3.95 | Peak | 100 | 93 |

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

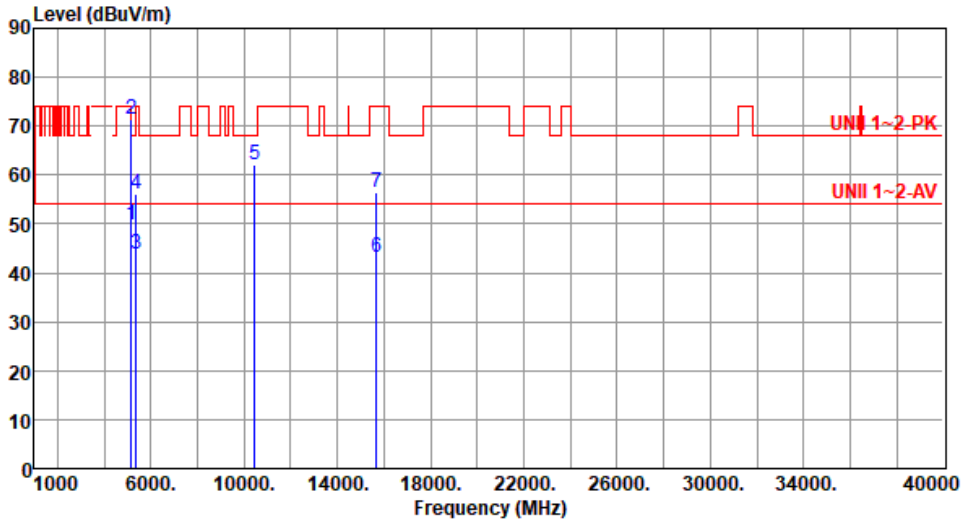
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 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 | 5150.00 | 49.83 | 54.00 | -4.17 | 49.69 | 0.14 | Average | 235 | 231 |
| 2 | 5150.00 | 71.25 | 74.00 | -2.75 | 71.11 | 0.14 | Peak | 235 | 231 |
| 3 | 5350.00 | 43.84 | 54.00 | -10.16 | 44.13 | -0.29 | Average | 235 | 231 |
| 4 | 5350.00 | 56.02 | 74.00 | -17.98 | 56.31 | -0.29 | Peak | 235 | 231 |
| 5 | 10460.00 | 62.02 | 68.20 | -6.18 | 54.86 | 7.16 | Peak | 109 | 334 |
| 6 | 15690.00 | 43.15 | 54.00 | -10.85 | 39.33 | 3.82 | Average | 100 | 233 |
| 7 | 15690.00 | 56.40 | 74.00 | -17.60 | 52.58 | 3.82 | Peak | 100 | 233 |

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).

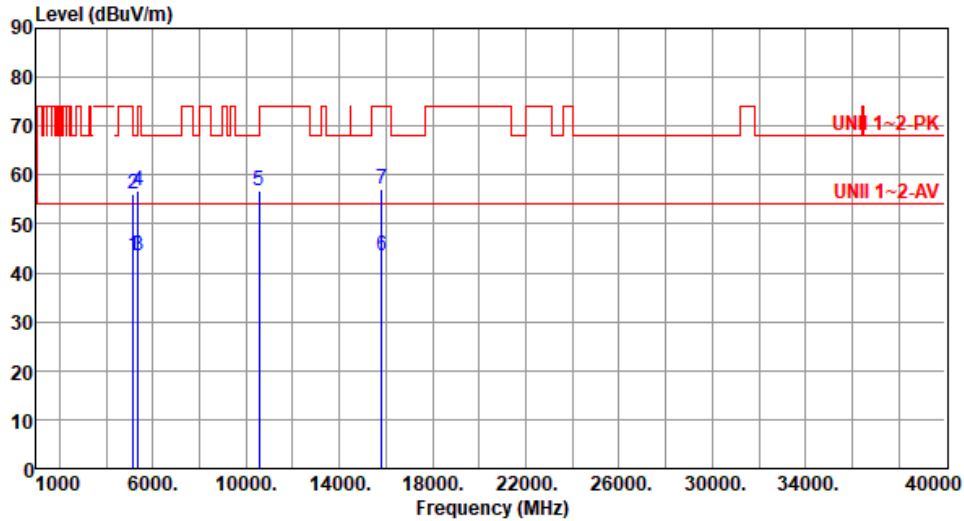


| Modulation | ax HE40 | Test Freq. (MHz) | 5230 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------|--------------|-----------------------|-----------------|-------------|-----------------|-------------|----------------|-------------|----------------|---|---------|-------|-------|-------|-------|------|---------|-----|----|---|---------|-------|-------|-------|-------|------|------|-----|----|---|---------|-------|-------|-------|-------|-------|---------|-----|----|---|---------|-------|-------|--------|-------|-------|------|-----|----|---|----------|-------|-------|-------|-------|------|------|-----|-----|---|----------|-------|-------|--------|-------|------|---------|-----|-----|---|----------|-------|-------|--------|-------|------|------|-----|-----|--|--|--|
| Polarization | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test By : Paul Lin Temperature(°C): 25 Humidity(%): 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The plot shows a red line representing the emission level across a frequency range from 1000 to 40000 MHz. The y-axis ranges from 0 to 90 dBuV/m. A horizontal red line at approximately 54 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 with markers 1 through 7 indicate specific measurement points. The emission level fluctuates around 70 dBuV/m with several peaks and troughs.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th></th> <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>5150.00</td> <td>52.35</td> <td>54.00</td> <td>-1.65</td> <td>52.21</td> <td>0.14</td> <td>Average</td> <td>100</td> <td>11</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>70.60</td> <td>74.00</td> <td>-3.40</td> <td>70.46</td> <td>0.14</td> <td>Peak</td> <td>100</td> <td>11</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>45.77</td> <td>54.00</td> <td>-8.23</td> <td>46.06</td> <td>-0.29</td> <td>Average</td> <td>100</td> <td>11</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>60.77</td> <td>74.00</td> <td>-13.23</td> <td>61.06</td> <td>-0.29</td> <td>Peak</td> <td>100</td> <td>11</td> </tr> <tr> <td>5</td> <td>10460.00</td> <td>64.73</td> <td>68.20</td> <td>-3.47</td> <td>57.57</td> <td>7.16</td> <td>Peak</td> <td>100</td> <td>311</td> </tr> <tr> <td>6</td> <td>15690.00</td> <td>43.45</td> <td>54.00</td> <td>-10.55</td> <td>39.63</td> <td>3.82</td> <td>Average</td> <td>100</td> <td>124</td> </tr> <tr> <td>7</td> <td>15690.00</td> <td>56.31</td> <td>74.00</td> <td>-17.69</td> <td>52.49</td> <td>3.82</td> <td>Peak</td> <td>100</td> <td>124</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 | 5150.00 | 52.35 | 54.00 | -1.65 | 52.21 | 0.14 | Average | 100 | 11 | 2 | 5150.00 | 70.60 | 74.00 | -3.40 | 70.46 | 0.14 | Peak | 100 | 11 | 3 | 5350.00 | 45.77 | 54.00 | -8.23 | 46.06 | -0.29 | Average | 100 | 11 | 4 | 5350.00 | 60.77 | 74.00 | -13.23 | 61.06 | -0.29 | Peak | 100 | 11 | 5 | 10460.00 | 64.73 | 68.20 | -3.47 | 57.57 | 7.16 | Peak | 100 | 311 | 6 | 15690.00 | 43.45 | 54.00 | -10.55 | 39.63 | 3.82 | Average | 100 | 124 | 7 | 15690.00 | 56.31 | 74.00 | -17.69 | 52.49 | 3.82 | Peak | 100 | 124 | | | |
| | 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 | 52.35 | 54.00 | -1.65 | 52.21 | 0.14 | Average | 100 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 70.60 | 74.00 | -3.40 | 70.46 | 0.14 | Peak | 100 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 45.77 | 54.00 | -8.23 | 46.06 | -0.29 | Average | 100 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 60.77 | 74.00 | -13.23 | 61.06 | -0.29 | Peak | 100 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10460.00 | 64.73 | 68.20 | -3.47 | 57.57 | 7.16 | Peak | 100 | 311 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 15690.00 | 43.45 | 54.00 | -10.55 | 39.63 | 3.82 | Average | 100 | 124 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 15690.00 | 56.31 | 74.00 | -17.69 | 52.49 | 3.82 | Peak | 100 | 124 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 23 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 | 5150.00 | 43.60 | 54.00 | -10.40 | 43.46 | 0.14 | Average | 217 | 242 |
| 2 | 5150.00 | 56.23 | 74.00 | -17.77 | 56.09 | 0.14 | Peak | 217 | 242 |
| 3 | 5350.00 | 43.44 | 54.00 | -10.56 | 43.73 | -0.29 | Average | 217 | 242 |
| 4 | 5350.00 | 56.85 | 74.00 | -17.15 | 57.14 | -0.29 | Peak | 217 | 242 |
| 5 | 10540.00 | 56.90 | 68.20 | -11.30 | 49.72 | 7.18 | Peak | 110 | 338 |
| 6 | 15810.00 | 43.36 | 54.00 | -10.64 | 39.46 | 3.90 | Average | 100 | 121 |
| 7 | 15810.00 | 57.09 | 74.00 | -16.91 | 53.19 | 3.90 | Peak | 100 | 121 |

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

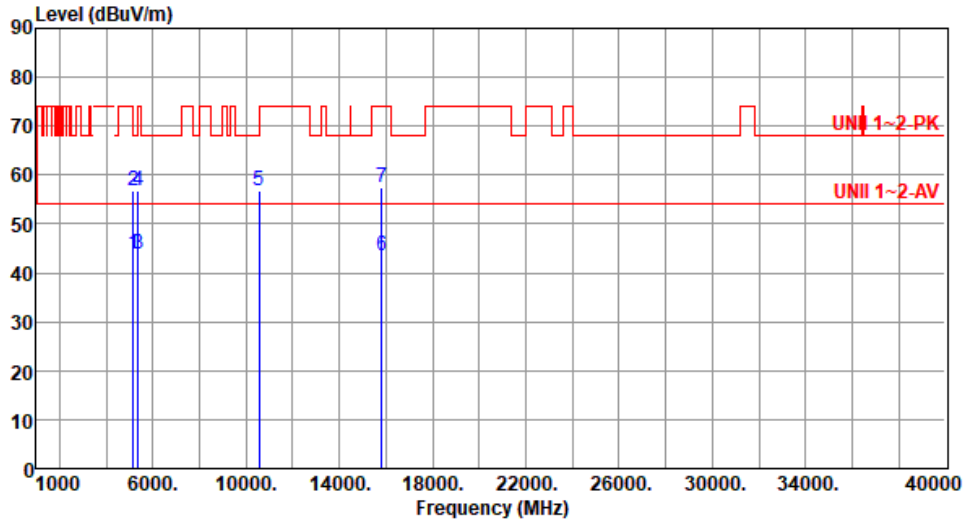
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5150.00 | 43.70 | 54.00 | -10.30 | 43.56 | 0.14 | Average | 100 | 17 |
| 2 | 5150.00 | 56.71 | 74.00 | -17.29 | 56.57 | 0.14 | Peak | 100 | 17 |
| 3 | 5350.00 | 43.89 | 54.00 | -10.11 | 44.18 | -0.29 | Average | 100 | 17 |
| 4 | 5350.00 | 56.74 | 74.00 | -17.26 | 57.03 | -0.29 | Peak | 100 | 17 |
| 5 | 10540.00 | 56.80 | 68.20 | -11.40 | 49.62 | 7.18 | Peak | 100 | 309 |
| 6 | 15810.00 | 43.36 | 54.00 | -10.64 | 39.46 | 3.90 | Average | 100 | 203 |
| 7 | 15810.00 | 57.54 | 74.00 | -16.46 | 53.64 | 3.90 | Peak | 100 | 203 |

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

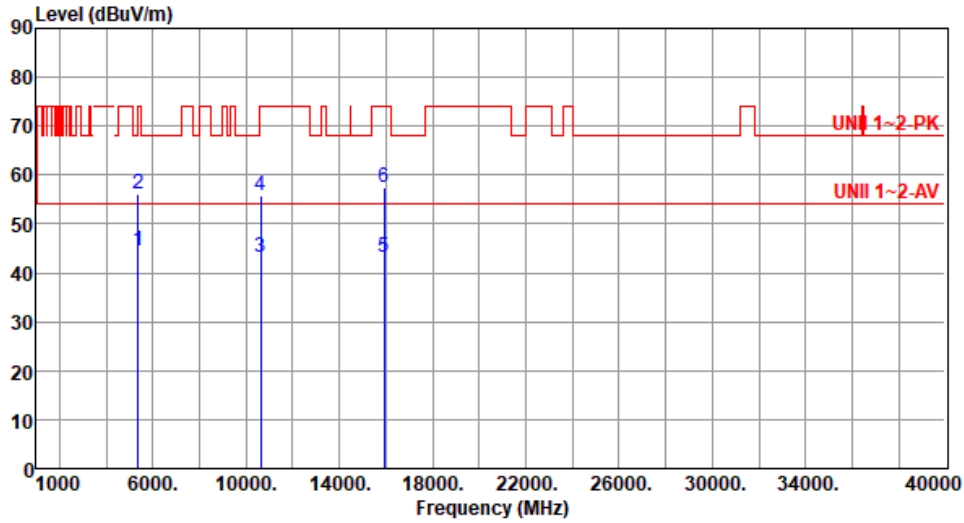
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5350.00 | 44.54 | 54.00 | -9.46 | 44.83 | -0.29 | Average | 254 | 237 |
| 2 | 5350.00 | 56.28 | 74.00 | -17.72 | 56.57 | -0.29 | Peak | 254 | 237 |
| 3 | 10620.00 | 43.27 | 54.00 | -10.73 | 36.12 | 7.15 | Average | 109 | 335 |
| 4 | 10620.00 | 55.76 | 74.00 | -18.24 | 48.61 | 7.15 | Peak | 109 | 335 |
| 5 | 15930.00 | 43.27 | 54.00 | -10.73 | 39.22 | 4.05 | Average | 100 | 167 |
| 6 | 15930.00 | 57.41 | 74.00 | -16.59 | 53.36 | 4.05 | Peak | 100 | 167 |

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

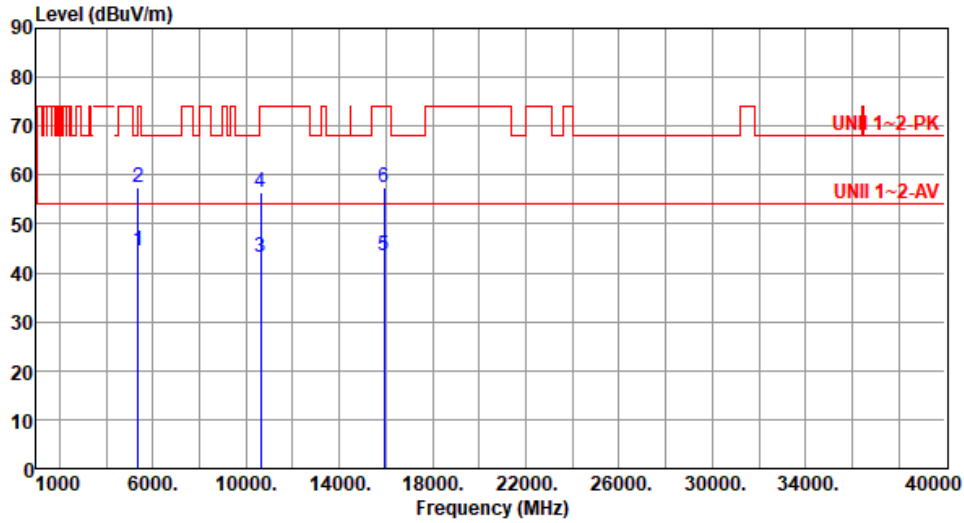
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5350.00 | 44.47 | 54.00 | -9.53 | 44.76 | -0.29 | Average | 100 | 21 |
| 2 | 5350.00 | 57.57 | 74.00 | -16.43 | 57.86 | -0.29 | Peak | 100 | 21 |
| 3 | 10620.00 | 43.26 | 54.00 | -10.74 | 36.11 | 7.15 | Average | 100 | 310 |
| 4 | 10620.00 | 56.62 | 74.00 | -17.38 | 49.47 | 7.15 | Peak | 100 | 310 |
| 5 | 15930.00 | 43.48 | 54.00 | -10.52 | 39.43 | 4.05 | Average | 100 | 198 |
| 6 | 15930.00 | 57.50 | 74.00 | -16.50 | 53.45 | 4.05 | Peak | 100 | 198 |

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

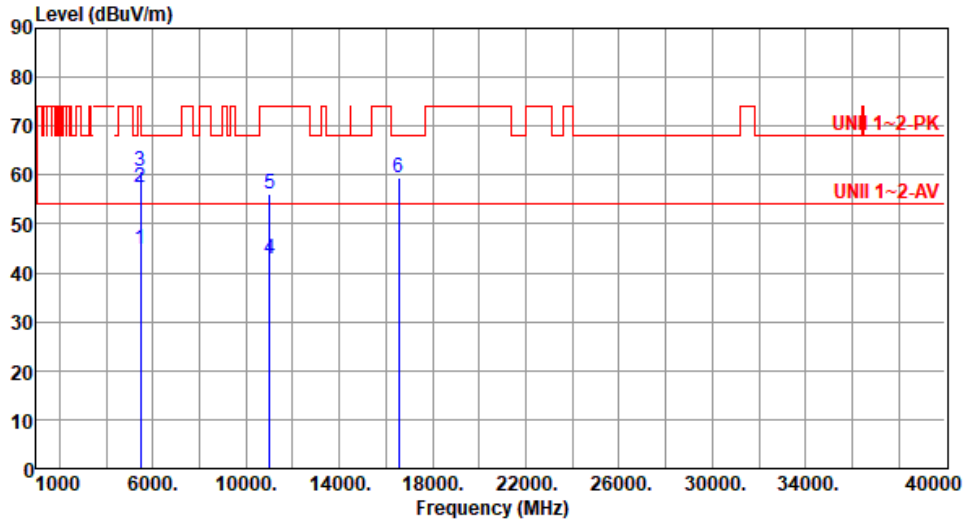
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 44.73 | 54.00 | -9.27 | 44.76 | -0.03 | Average | 227 | 240 |
| 2 | 5460.00 | 57.33 | 74.00 | -16.67 | 57.36 | -0.03 | Peak | 227 | 240 |
| 3 | 5470.00 | 60.64 | 68.20 | -7.56 | 60.65 | -0.01 | Peak | 227 | 240 |
| 4 | 11020.00 | 42.71 | 54.00 | -11.29 | 35.27 | 7.44 | Average | 100 | 290 |
| 5 | 11020.00 | 56.02 | 74.00 | -17.98 | 48.58 | 7.44 | Peak | 100 | 290 |
| 6 | 16530.00 | 59.35 | 68.20 | -8.85 | 53.37 | 5.98 | Peak | 100 | 215 |

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

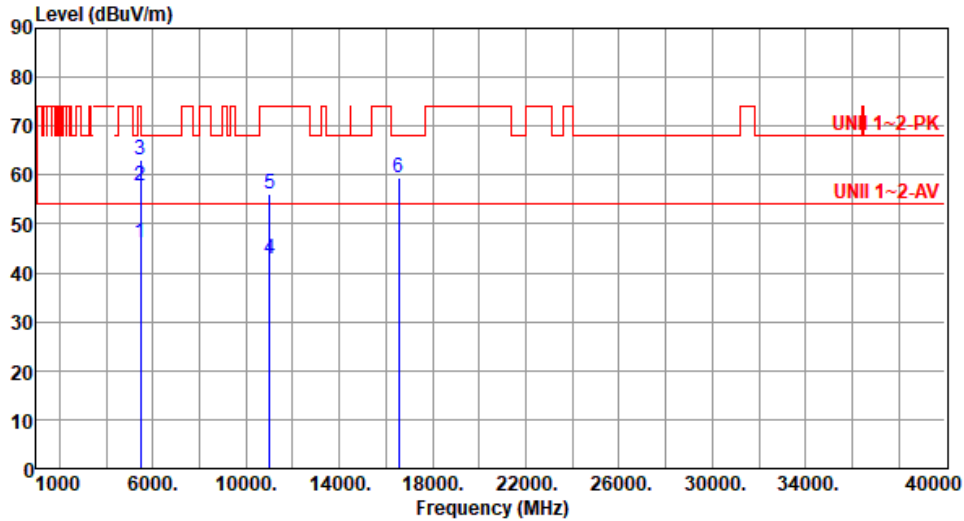
*Factor includes antenna factor, cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 46.17 | 54.00 | -7.83 | 46.20 | -0.03 | Average | 100 | 15 |
| 2 | 5460.00 | 57.76 | 74.00 | -16.24 | 57.79 | -0.03 | Peak | 100 | 15 |
| 3 | 5470.00 | 63.02 | 68.20 | -5.18 | 63.03 | -0.01 | Peak | 100 | 15 |
| 4 | 11020.00 | 42.72 | 54.00 | -11.28 | 35.28 | 7.44 | Average | 100 | 330 |
| 5 | 11020.00 | 56.03 | 74.00 | -17.97 | 48.59 | 7.44 | Peak | 100 | 330 |
| 6 | 16530.00 | 59.44 | 68.20 | -8.76 | 53.46 | 5.98 | Peak | 100 | 108 |

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

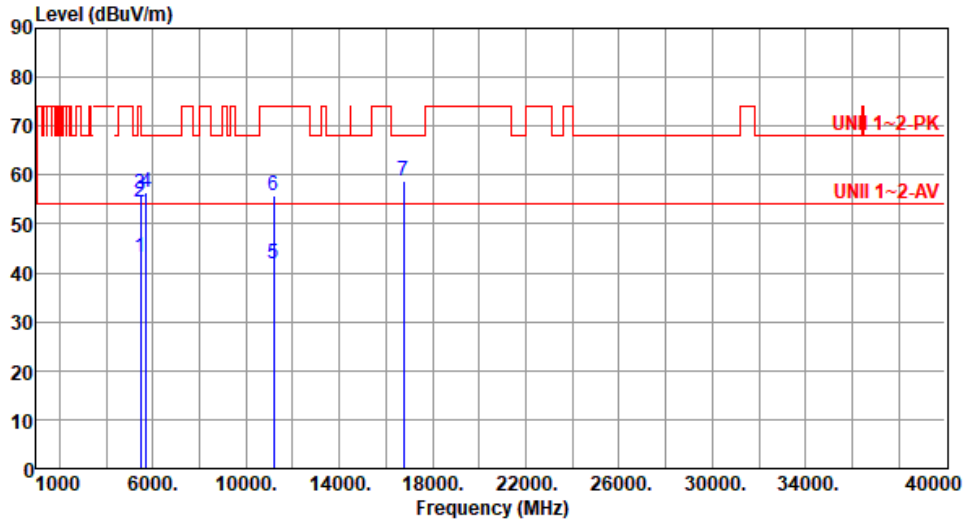
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 43.14 | 54.00 | -10.86 | 43.17 | -0.03 | Average | 239 | 255 |
| 2 | 5460.00 | 54.62 | 74.00 | -19.38 | 54.65 | -0.03 | Peak | 239 | 255 |
| 3 | 5470.00 | 56.15 | 68.20 | -12.05 | 56.16 | -0.01 | Peak | 239 | 255 |
| 4 | 5725.00 | 56.51 | 68.20 | -11.69 | 56.03 | 0.48 | Peak | 239 | 255 |
| 5 | 11180.00 | 41.94 | 54.00 | -12.06 | 35.12 | 6.82 | Average | 100 | 208 |
| 6 | 11180.00 | 55.73 | 74.00 | -18.27 | 48.91 | 6.82 | Peak | 100 | 208 |
| 7 | 16770.00 | 58.90 | 68.20 | -9.30 | 52.44 | 6.46 | Peak | 100 | 144 |

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

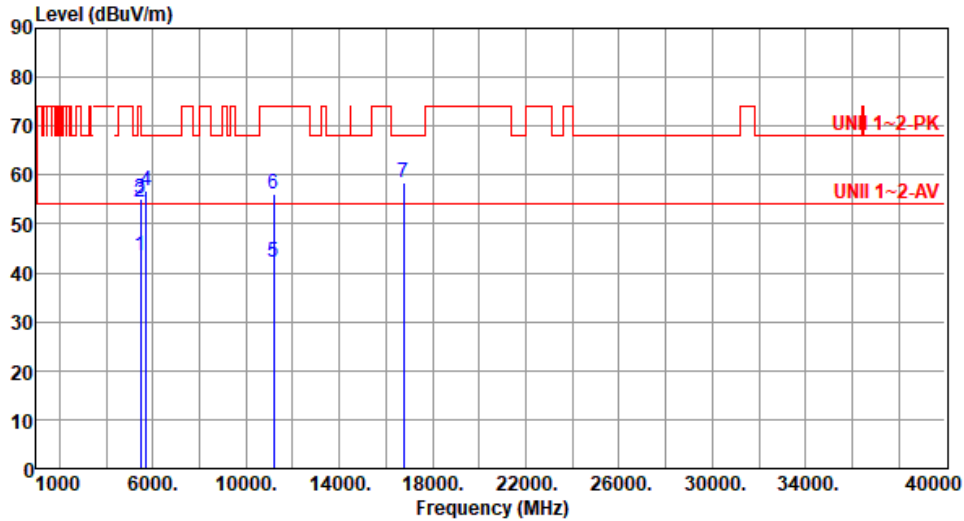
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 43.58 | 54.00 | -10.42 | 43.61 | -0.03 | Average | 100 | 9 |
| 2 | 5460.00 | 54.63 | 74.00 | -19.37 | 54.66 | -0.03 | Peak | 100 | 9 |
| 3 | 5470.00 | 55.12 | 68.20 | -13.08 | 55.13 | -0.01 | Peak | 100 | 9 |
| 4 | 5725.00 | 56.68 | 68.20 | -11.52 | 56.20 | 0.48 | Peak | 100 | 9 |
| 5 | 11180.00 | 42.04 | 54.00 | -11.96 | 35.22 | 6.82 | Average | 100 | 125 |
| 6 | 11180.00 | 56.09 | 74.00 | -17.91 | 49.27 | 6.82 | Peak | 100 | 125 |
| 7 | 16770.00 | 58.59 | 68.20 | -9.61 | 52.13 | 6.46 | Peak | 100 | 186 |

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

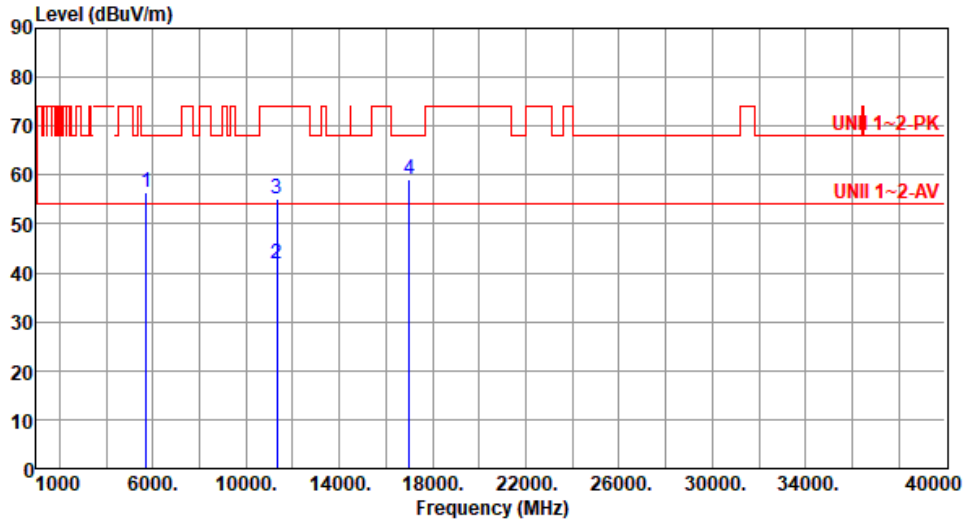
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5725.00 | 56.30 | 68.20 | -11.90 | 55.82 | 0.48 | Peak | 242 | 240 |
| 2 | 11340.00 | 41.70 | 54.00 | -12.30 | 34.84 | 6.86 | Average | 100 | 126 |
| 3 | 11340.00 | 55.13 | 74.00 | -18.87 | 48.27 | 6.86 | Peak | 100 | 126 |
| 4 | 17010.00 | 59.23 | 68.20 | -8.97 | 52.98 | 6.25 | Peak | 100 | 208 |

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

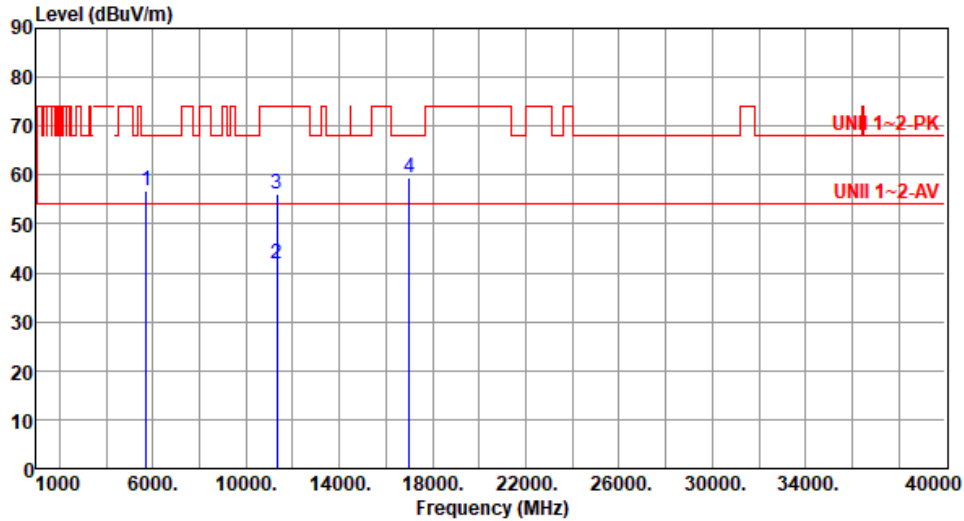
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5725.00 | 56.66 | 68.20 | -11.54 | 56.18 | 0.48 | Peak | 100 | 15 |
| 2 | 11340.00 | 41.99 | 54.00 | -12.01 | 35.13 | 6.86 | Average | 100 | 245 |
| 3 | 11340.00 | 55.99 | 74.00 | -18.01 | 49.13 | 6.86 | Peak | 100 | 245 |
| 4 | 17010.00 | 59.36 | 68.20 | -8.84 | 53.11 | 6.25 | Peak | 100 | 106 |

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

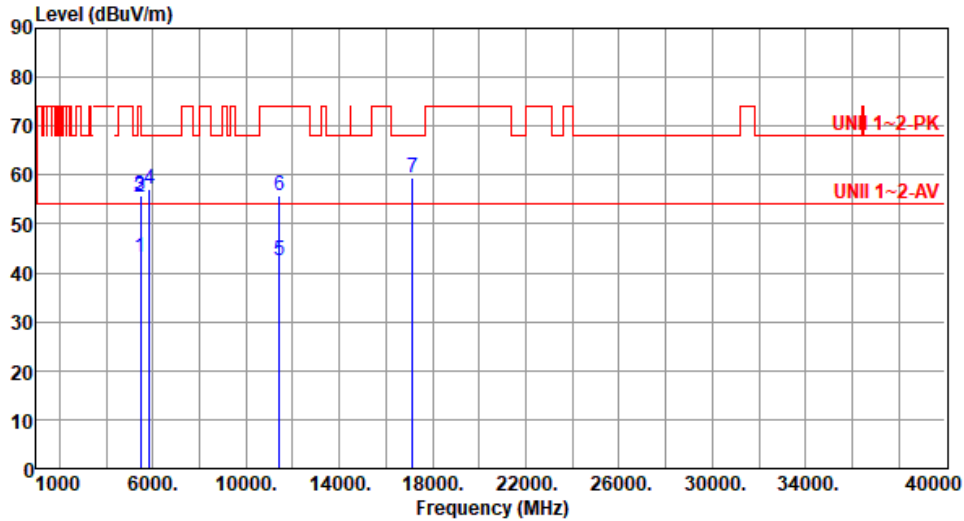
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5460.00 | 43.32 | 54.00 | -10.68 | 43.35 | -0.03 | Average | 232 | 236 |
| 2 | 5460.00 | 55.31 | 74.00 | -18.69 | 55.34 | -0.03 | Peak | 232 | 236 |
| 3 | 5470.00 | 55.78 | 68.20 | -12.42 | 55.79 | -0.01 | Peak | 232 | 236 |
| 4 | 5850.00 | 57.00 | 68.20 | -11.20 | 56.25 | 0.75 | Peak | 232 | 236 |
| 5 | 11420.00 | 42.39 | 54.00 | -11.61 | 35.33 | 7.06 | Average | 100 | 124 |
| 6 | 11420.00 | 55.69 | 74.00 | -18.31 | 48.63 | 7.06 | Peak | 100 | 124 |
| 7 | 17130.00 | 59.45 | 68.20 | -8.75 | 53.45 | 6.00 | Peak | 100 | 218 |

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

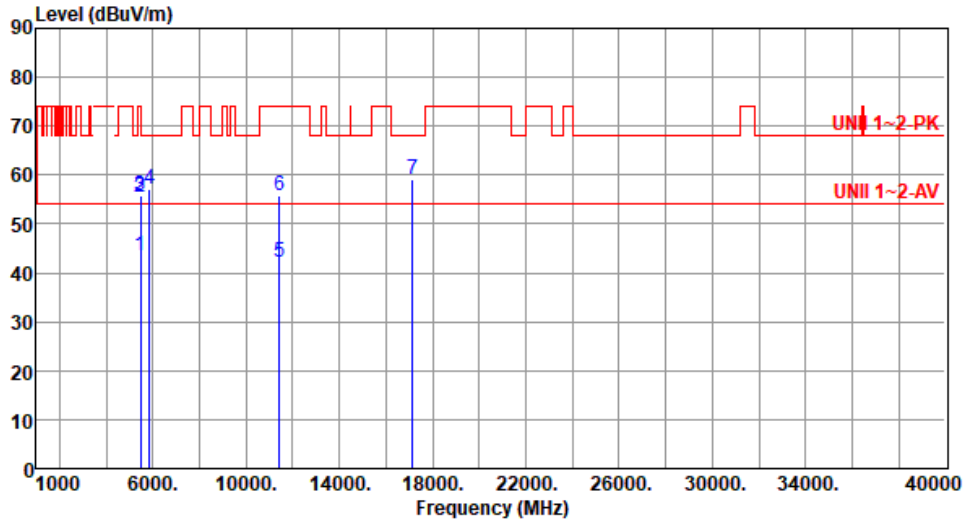
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 43.46 | 54.00 | -10.54 | 43.49 | -0.03 | Average | 100 | 17 |
| 2 | 5460.00 | 55.45 | 74.00 | -18.55 | 55.48 | -0.03 | Peak | 100 | 17 |
| 3 | 5470.00 | 55.67 | 68.20 | -12.53 | 55.68 | -0.01 | Peak | 100 | 17 |
| 4 | 5850.00 | 57.10 | 68.20 | -11.10 | 56.35 | 0.75 | Peak | 100 | 17 |
| 5 | 11420.00 | 42.31 | 54.00 | -11.69 | 35.25 | 7.06 | Average | 100 | 54 |
| 6 | 11420.00 | 55.81 | 74.00 | -18.19 | 48.75 | 7.06 | Peak | 100 | 54 |
| 7 | 17130.00 | 59.27 | 68.20 | -8.93 | 53.27 | 6.00 | Peak | 100 | 128 |

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 | | Test Freq. (MHz) | 5755 | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 62 | | | | | |
| | | | | | | | | | |
| | 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 | 65.83 | 68.20 | -2.37 | 65.69 | 0.14 | Peak | 230 | 234 |
| 2 | 5700.00 | 77.93 | 105.20 | -27.27 | 77.57 | 0.36 | Peak | 230 | 234 |
| 3 | 5720.00 | 87.15 | 110.80 | -23.65 | 86.69 | 0.46 | Peak | 230 | 234 |
| 4 | 5725.00 | 86.95 | 122.20 | -35.25 | 86.47 | 0.48 | Peak | 230 | 234 |
| 5 | 5925.00 | 57.17 | 68.20 | -11.03 | 56.10 | 1.07 | Peak | 230 | 234 |
| 6 | 11510.00 | 44.44 | 54.00 | -9.56 | 37.29 | 7.15 | Average | 188 | 236 |
| 7 | 11510.00 | 57.23 | 74.00 | -16.77 | 50.08 | 7.15 | Peak | 188 | 236 |
| 8 | 17265.00 | 59.03 | 68.20 | -9.17 | 52.98 | 6.05 | Peak | 100 | 173 |

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 | | Test Freq. (MHz) | 5755 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 62 | | | | | |
| | | | | | | | | | |
| | 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 | 65.70 | 68.20 | -2.50 | 65.56 | 0.14 | Peak | 115 | 12 |
| 2 | 5700.00 | 79.39 | 105.20 | -25.81 | 79.03 | 0.36 | Peak | 115 | 12 |
| 3 | 5720.00 | 89.63 | 110.80 | -21.17 | 89.17 | 0.46 | Peak | 115 | 12 |
| 4 | 5725.00 | 88.90 | 122.20 | -33.30 | 88.42 | 0.48 | Peak | 115 | 12 |
| 5 | 5925.00 | 58.93 | 68.20 | -9.27 | 57.86 | 1.07 | Peak | 115 | 12 |
| 6 | 11510.00 | 42.41 | 54.00 | -11.59 | 35.26 | 7.15 | Average | 126 | 283 |
| 7 | 11510.00 | 56.28 | 74.00 | -17.72 | 49.13 | 7.15 | Peak | 126 | 283 |
| 8 | 17265.00 | 59.31 | 68.20 | -8.89 | 53.26 | 6.05 | Peak | 100 | 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 HE40 | Test Freq. (MHz) | 5795 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | 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 | 57.02 | 68.20 | -11.18 | 56.88 | 0.14 | Peak | 206 | 234 |
| 2 | 5850.00 | 76.83 | 122.20 | -45.37 | 76.08 | 0.75 | Peak | 206 | 234 |
| 3 | 5855.00 | 76.35 | 110.80 | -34.45 | 75.57 | 0.78 | Peak | 206 | 234 |
| 4 | 5875.00 | 72.16 | 105.20 | -33.04 | 71.29 | 0.87 | Peak | 206 | 234 |
| 5 | 5925.00 | 61.63 | 68.20 | -6.57 | 60.56 | 1.07 | Peak | 206 | 234 |
| 6 | 11590.00 | 42.28 | 54.00 | -11.72 | 35.41 | 6.87 | Average | 127 | 281 |
| 7 | 11590.00 | 57.34 | 74.00 | -16.66 | 50.47 | 6.87 | Peak | 127 | 281 |
| 8 | 17385.00 | 59.98 | 68.20 | -8.22 | 53.65 | 6.33 | Peak | 100 | 172 |

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 | | Test Freq. (MHz) | 5795 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 62 | | | | | |
| | | | | | | | | | |
| | 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 | 61.27 | 68.20 | -6.93 | 61.13 | 0.14 | Peak | 100 | 12 |
| 2 | 5850.00 | 80.93 | 122.20 | -41.27 | 80.18 | 0.75 | Peak | 100 | 12 |
| 3 | 5855.00 | 79.62 | 110.80 | -31.18 | 78.84 | 0.78 | Peak | 100 | 12 |
| 4 | 5875.00 | 75.20 | 105.20 | -30.00 | 74.33 | 0.87 | Peak | 100 | 12 |
| 5 | 5925.00 | 65.17 | 68.20 | -3.03 | 64.10 | 1.07 | Peak | 100 | 12 |
| 6 | 11590.00 | 44.28 | 54.00 | -9.72 | 37.41 | 6.87 | Average | 186 | 233 |
| 7 | 11590.00 | 56.09 | 74.00 | -17.91 | 49.22 | 6.87 | Peak | 186 | 233 |
| 8 | 17385.00 | 59.79 | 68.20 | -8.41 | 53.46 | 6.33 | Peak | 100 | 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> | | | | | | | | | |



Unwanted Emissions (Above 1GHz) for ax HE80

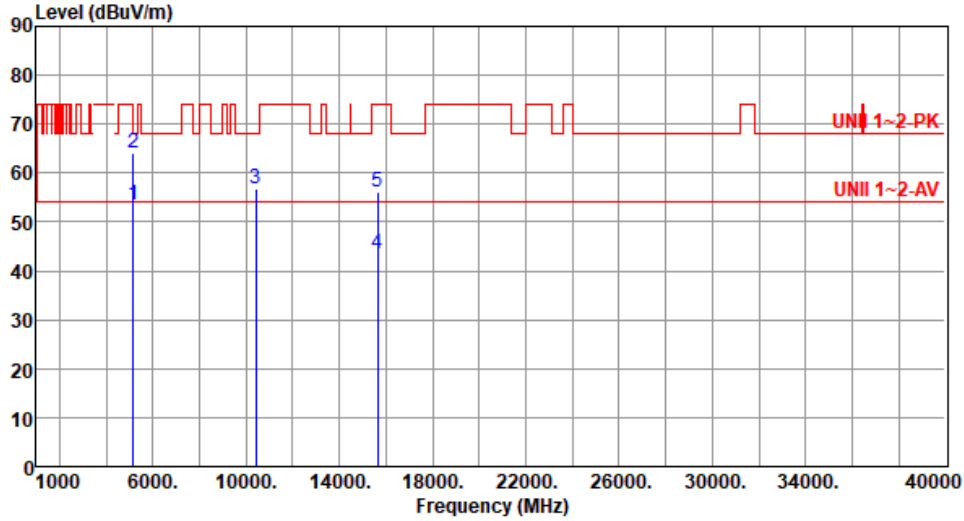
| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80 | Test Freq. (MHz) | 5210 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 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 | 5150.00 | 53.44 | 54.00 | -0.56 | 53.30 | 0.14 | Average | 245 | 232 |
| 2 | 5150.00 | 61.87 | 74.00 | -12.13 | 61.73 | 0.14 | Peak | 245 | 232 |
| 3 | 10420.00 | 56.05 | 68.20 | -12.15 | 48.92 | 7.13 | Peak | 100 | 36 |
| 4 | 15630.00 | 43.86 | 54.00 | -10.14 | 40.03 | 3.83 | Average | 100 | 89 |
| 5 | 15630.00 | 56.62 | 74.00 | -17.38 | 52.79 | 3.83 | Peak | 100 | 89 |

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 | Test Freq. (MHz) | 5210 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):25 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 | 5150.00 | 53.58 | 54.00 | -0.42 | 53.44 | 0.14 | Average | 100 | 11 |
| 2 | 5150.00 | 64.07 | 74.00 | -9.93 | 63.93 | 0.14 | Peak | 100 | 11 |
| 3 | 10420.00 | 56.84 | 68.20 | -11.36 | 49.71 | 7.13 | Peak | 100 | 218 |
| 4 | 15630.00 | 43.57 | 54.00 | -10.43 | 39.74 | 3.83 | Average | 100 | 185 |
| 5 | 15630.00 | 56.11 | 74.00 | -17.89 | 52.28 | 3.83 | Peak | 100 | 185 |

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

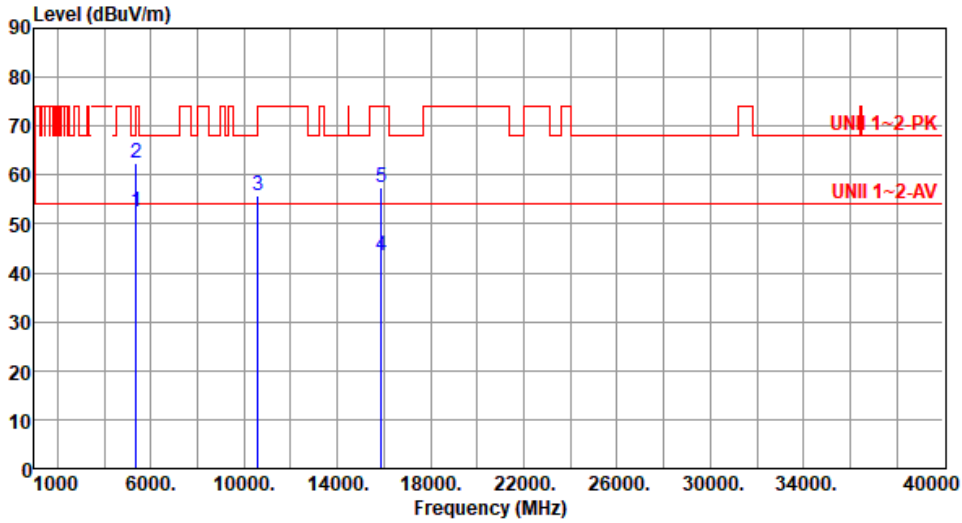
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5350.00 | 52.45 | 54.00 | -1.55 | 52.74 | -0.29 | Average | 139 | 250 |
| 2 | 5350.00 | 62.56 | 74.00 | -11.44 | 62.85 | -0.29 | Peak | 139 | 250 |
| 3 | 10580.00 | 55.90 | 68.20 | -12.30 | 48.72 | 7.18 | Peak | 100 | 67 |
| 4 | 15870.00 | 43.34 | 54.00 | -10.66 | 39.33 | 4.01 | Average | 100 | 122 |
| 5 | 15870.00 | 57.41 | 74.00 | -16.59 | 53.40 | 4.01 | Peak | 100 | 122 |

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

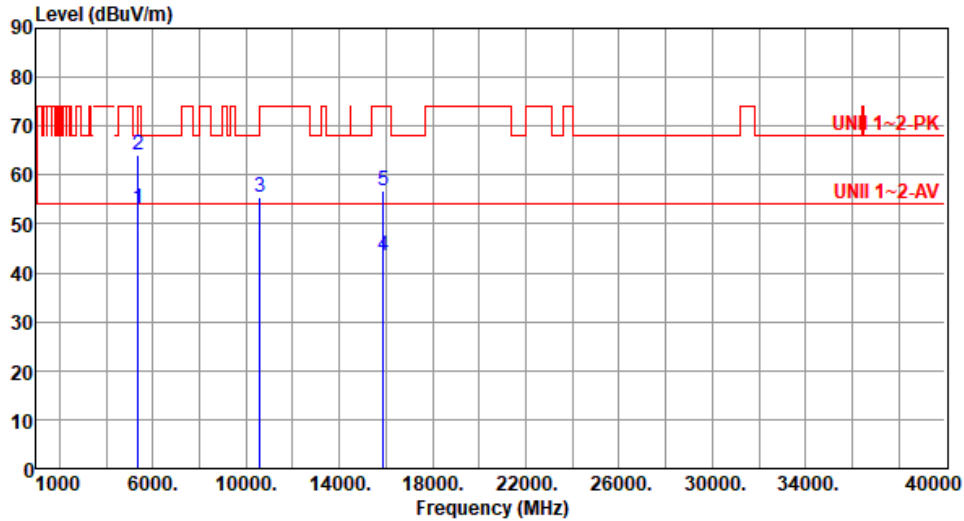
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5350.00 | 53.27 | 54.00 | -0.73 | 53.56 | -0.29 | Average | 100 | 13 |
| 2 | 5350.00 | 64.13 | 74.00 | -9.87 | 64.42 | -0.29 | Peak | 100 | 13 |
| 3 | 10580.00 | 55.30 | 68.20 | -12.90 | 48.12 | 7.18 | Peak | 100 | 144 |
| 4 | 15870.00 | 43.55 | 54.00 | -10.45 | 39.54 | 4.01 | Average | 100 | 181 |
| 5 | 15870.00 | 56.82 | 74.00 | -17.18 | 52.81 | 4.01 | Peak | 100 | 181 |

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

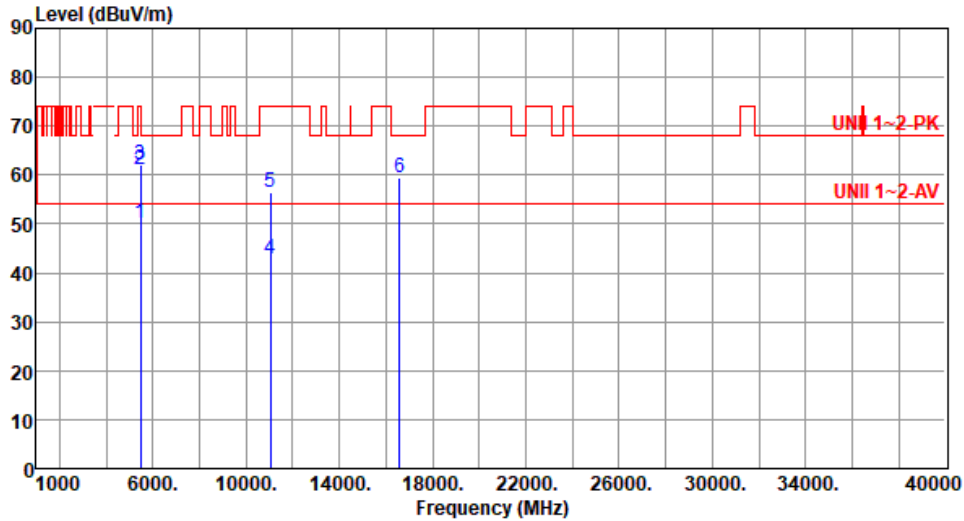
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 50.11 | 54.00 | -3.89 | 50.14 | -0.03 | Average | 194 | 258 |
| 2 | 5460.00 | 61.02 | 74.00 | -12.98 | 61.05 | -0.03 | Peak | 194 | 258 |
| 3 | 5470.00 | 61.96 | 68.20 | -6.24 | 61.97 | -0.01 | Peak | 194 | 258 |
| 4 | 11060.00 | 42.91 | 54.00 | -11.09 | 35.56 | 7.35 | Average | 100 | 189 |
| 5 | 11060.00 | 56.49 | 74.00 | -17.51 | 49.14 | 7.35 | Peak | 100 | 189 |
| 6 | 16590.00 | 59.59 | 68.20 | -8.61 | 53.64 | 5.95 | Peak | 100 | 113 |

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

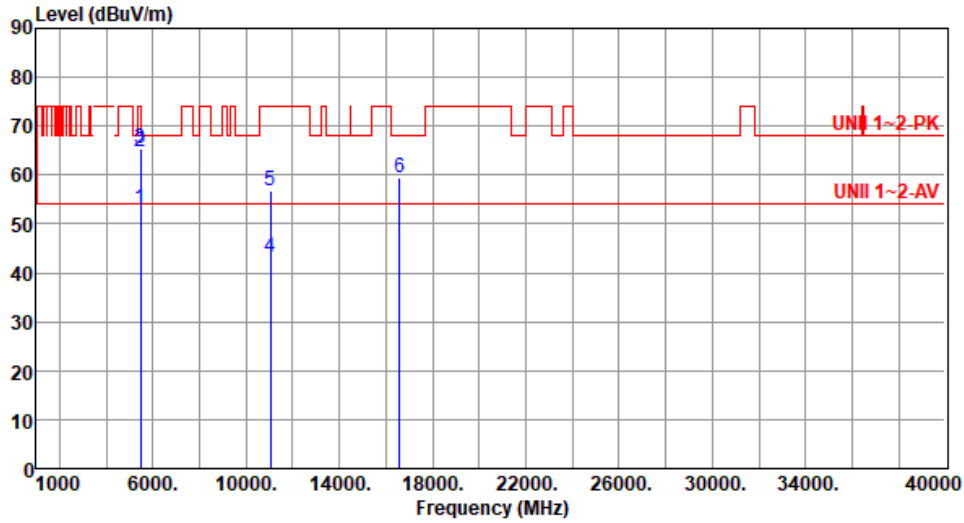
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 53.05 | 54.00 | -0.95 | 53.08 | -0.03 | Average | 100 | 18 |
| 2 | 5460.00 | 64.74 | 74.00 | -9.26 | 64.77 | -0.03 | Peak | 100 | 18 |
| 3 | 5470.00 | 65.58 | 68.20 | -2.62 | 65.59 | -0.01 | Peak | 100 | 18 |
| 4 | 11060.00 | 43.07 | 54.00 | -10.93 | 35.72 | 7.35 | Average | 100 | 108 |
| 5 | 11060.00 | 56.81 | 74.00 | -17.19 | 49.46 | 7.35 | Peak | 100 | 108 |
| 6 | 16590.00 | 59.61 | 68.20 | -8.59 | 53.66 | 5.95 | Peak | 100 | 139 |

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

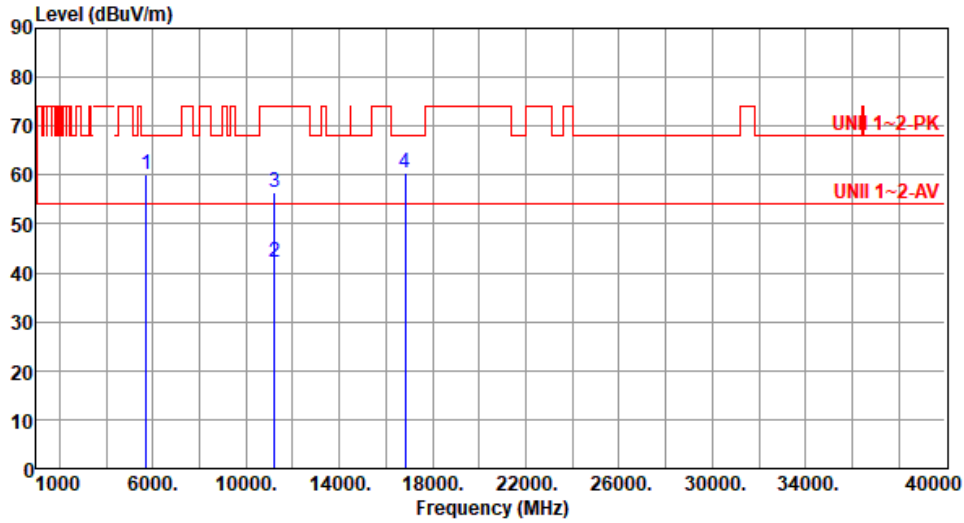
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5725.00 | 60.11 | 68.20 | -8.09 | 59.63 | 0.48 | Peak | 168 | 253 |
| 2 | 11220.00 | 42.10 | 54.00 | -11.90 | 35.38 | 6.72 | Average | 100 | 172 |
| 3 | 11220.00 | 56.54 | 74.00 | -17.46 | 49.82 | 6.72 | Peak | 100 | 172 |
| 4 | 16830.00 | 60.55 | 68.20 | -7.65 | 53.90 | 6.65 | Peak | 100 | 95 |

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

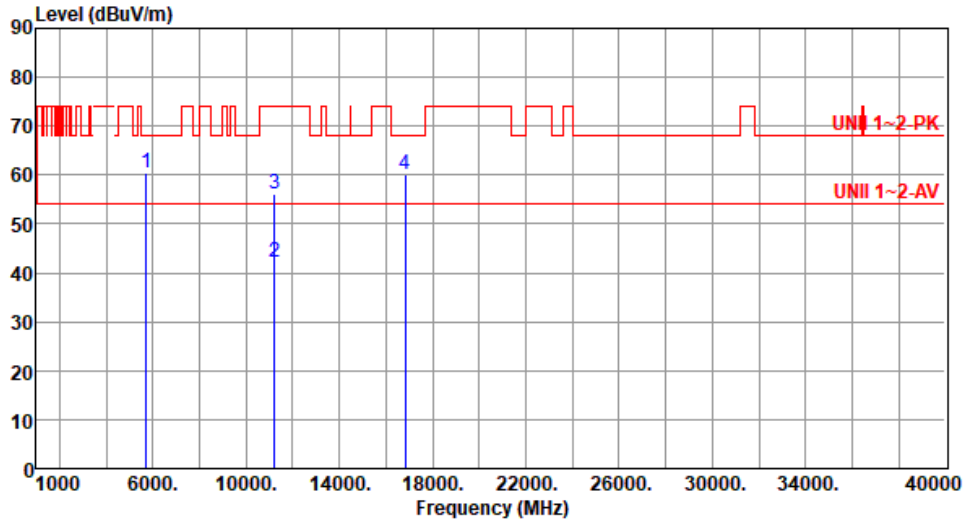
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5725.00 | 60.58 | 68.20 | -7.62 | 60.10 | 0.48 | Peak | 100 | 22 |
| 2 | 11220.00 | 42.28 | 54.00 | -11.72 | 35.56 | 6.72 | Average | 100 | 221 |
| 3 | 11220.00 | 56.09 | 74.00 | -17.91 | 49.37 | 6.72 | Peak | 100 | 221 |
| 4 | 16830.00 | 60.21 | 68.20 | -7.99 | 53.56 | 6.65 | Peak | 100 | 84 |

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

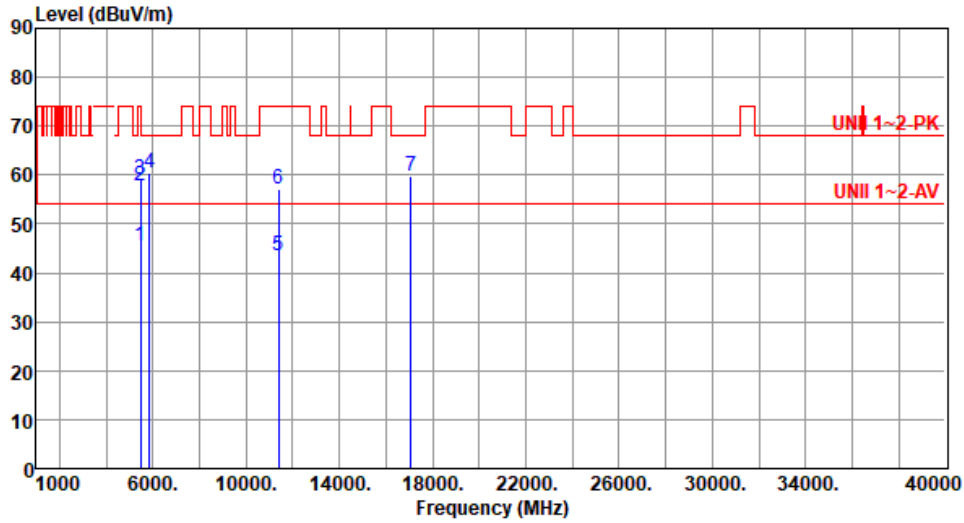
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 45.46 | 54.00 | -8.54 | 45.49 | -0.03 | Average | 156 | 238 |
| 2 | 5460.00 | 57.90 | 74.00 | -16.10 | 57.93 | -0.03 | Peak | 156 | 238 |
| 3 | 5470.00 | 59.10 | 68.20 | -9.10 | 59.11 | -0.01 | Peak | 156 | 238 |
| 4 | 5850.00 | 60.50 | 68.20 | -7.70 | 59.75 | 0.75 | Peak | 156 | 238 |
| 5 | 11380.00 | 43.48 | 54.00 | -10.52 | 36.51 | 6.97 | Average | 100 | 194 |
| 6 | 11380.00 | 57.04 | 74.00 | -16.96 | 50.07 | 6.97 | Peak | 100 | 194 |
| 7 | 17070.00 | 59.90 | 68.20 | -8.30 | 53.85 | 6.05 | Peak | 100 | 152 |

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

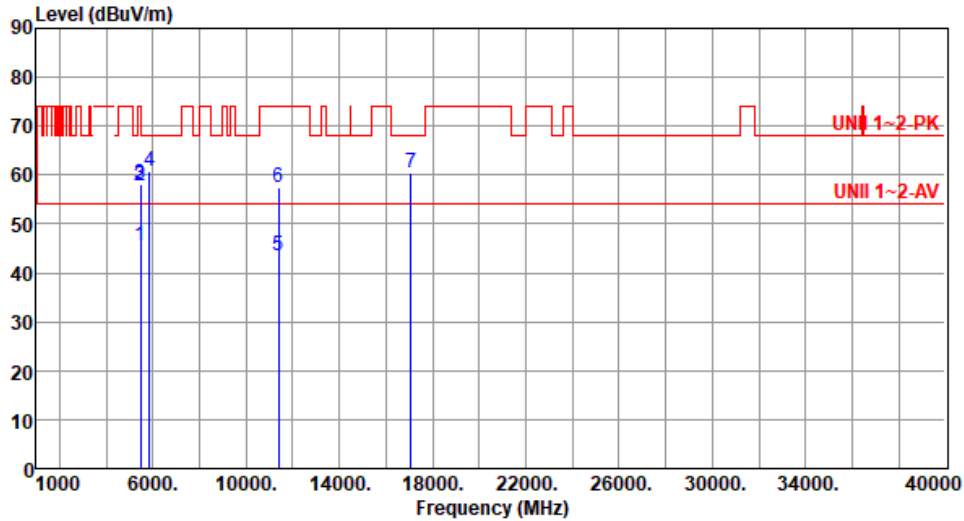
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 45.66 | 54.00 | -8.34 | 45.69 | -0.03 | Average | 100 | 18 |
| 2 | 5460.00 | 57.80 | 74.00 | -16.20 | 57.83 | -0.03 | Peak | 100 | 18 |
| 3 | 5470.00 | 57.98 | 68.20 | -10.22 | 57.99 | -0.01 | Peak | 100 | 18 |
| 4 | 5850.00 | 60.75 | 68.20 | -7.45 | 60.00 | 0.75 | Peak | 100 | 18 |
| 5 | 11380.00 | 43.58 | 54.00 | -10.42 | 36.61 | 6.97 | Average | 100 | 166 |
| 6 | 11380.00 | 57.30 | 74.00 | -16.70 | 50.33 | 6.97 | Peak | 100 | 166 |
| 7 | 17070.00 | 60.30 | 68.20 | -7.90 | 54.25 | 6.05 | Peak | 100 | 124 |

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 | | Test Freq. (MHz) | 5775 | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | 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 | 63.94 | 68.20 | -4.26 | 63.80 | 0.14 | Peak | 238 | 233 |
| 2 | 5700.00 | 76.56 | 105.20 | -28.64 | 76.20 | 0.36 | Peak | 238 | 233 |
| 3 | 5720.00 | 79.22 | 110.80 | -31.58 | 78.76 | 0.46 | Peak | 238 | 233 |
| 4 | 5725.00 | 81.09 | 122.20 | -41.11 | 80.61 | 0.48 | Peak | 238 | 233 |
| 5 | 5850.00 | 79.79 | 122.20 | -42.41 | 79.04 | 0.75 | Peak | 238 | 233 |
| 6 | 5855.00 | 77.93 | 110.80 | -32.87 | 77.15 | 0.78 | Peak | 238 | 233 |
| 7 | 5875.00 | 71.78 | 105.20 | -33.42 | 70.91 | 0.87 | Peak | 238 | 233 |
| 8 | 5925.00 | 63.26 | 68.20 | -4.94 | 62.19 | 1.07 | Peak | 238 | 233 |
| 9 | 11550.00 | 43.35 | 54.00 | -10.65 | 36.34 | 7.01 | Average | 100 | 261 |
| 10 | 11550.00 | 57.14 | 74.00 | -16.86 | 50.13 | 7.01 | Peak | 100 | 261 |
| 11 | 17325.00 | 60.77 | 68.20 | -7.43 | 54.67 | 6.10 | Peak | 100 | 191 |

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 | | Test Freq. (MHz) | 5775 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | 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 | 66.94 | 68.20 | -1.26 | 66.80 | 0.14 | Peak | 100 | 8 |
| 2 | 5700.00 | 80.28 | 105.20 | -24.92 | 79.92 | 0.36 | Peak | 100 | 8 |
| 3 | 5720.00 | 81.99 | 110.80 | -28.81 | 81.53 | 0.46 | Peak | 100 | 8 |
| 4 | 5725.00 | 83.38 | 122.20 | -38.82 | 82.90 | 0.48 | Peak | 100 | 8 |
| 5 | 5850.00 | 81.36 | 122.20 | -40.84 | 80.61 | 0.75 | Peak | 100 | 8 |
| 6 | 5855.00 | 79.66 | 110.80 | -31.14 | 78.88 | 0.78 | Peak | 100 | 8 |
| 7 | 5875.00 | 72.73 | 105.20 | -32.47 | 71.86 | 0.87 | Peak | 100 | 8 |
| 8 | 5925.00 | 65.16 | 68.20 | -3.04 | 64.09 | 1.07 | Peak | 100 | 8 |
| 9 | 11550.00 | 43.19 | 54.00 | -10.81 | 36.18 | 7.01 | Average | 100 | 175 |
| 10 | 11550.00 | 57.37 | 74.00 | -16.63 | 50.36 | 7.01 | Peak | 100 | 175 |
| 11 | 17325.00 | 60.62 | 68.20 | -7.58 | 54.52 | 6.10 | 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> | | | | | | | | | |



Unwanted Emissions (Above 1GHz) for ax HE160

| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE160 | Test Freq. (MHz) | 5250 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 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 | 5150.00 | 51.85 | 54.00 | -2.15 | 51.71 | 0.14 | Average | 229 | 221 |
| 2 | 5150.00 | 63.17 | 74.00 | -10.83 | 63.03 | 0.14 | Peak | 229 | 221 |
| 3 | 5350.00 | 51.47 | 54.00 | -2.53 | 51.76 | -0.29 | Average | 229 | 221 |
| 4 | 5350.00 | 62.41 | 74.00 | -11.59 | 62.70 | -0.29 | Peak | 229 | 221 |
| 5 | 10500.00 | 56.37 | 68.20 | -11.83 | 49.18 | 7.19 | Peak | 100 | 129 |
| 6 | 15750.00 | 44.88 | 54.00 | -9.12 | 41.03 | 3.85 | Average | 100 | 196 |
| 7 | 15750.00 | 56.52 | 74.00 | -17.48 | 52.67 | 3.85 | Peak | 100 | 196 |

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

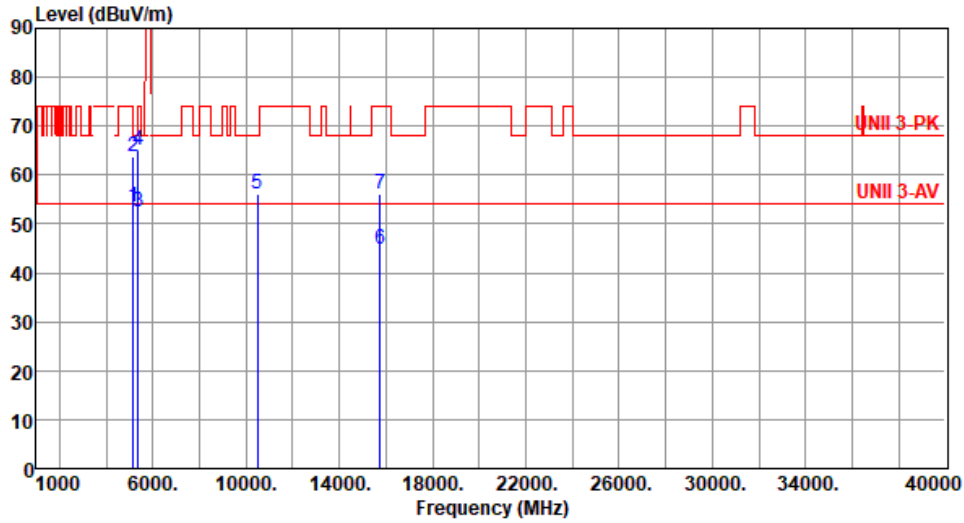
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 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 | 5150.00 | 53.60 | 54.00 | -0.40 | 53.46 | 0.14 | Average | 100 | 10 |
| 2 | 5150.00 | 63.84 | 74.00 | -10.16 | 63.70 | 0.14 | Peak | 100 | 10 |
| 3 | 5350.00 | 52.60 | 54.00 | -1.40 | 52.89 | -0.29 | Average | 100 | 10 |
| 4 | 5350.00 | 65.18 | 74.00 | -8.82 | 65.47 | -0.29 | Peak | 100 | 10 |
| 5 | 10500.00 | 56.10 | 68.20 | -12.10 | 48.91 | 7.19 | Peak | 100 | 92 |
| 6 | 15750.00 | 44.79 | 54.00 | -9.21 | 40.94 | 3.85 | Average | 100 | 102 |
| 7 | 15750.00 | 56.03 | 74.00 | -17.97 | 52.18 | 3.85 | Peak | 100 | 102 |

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

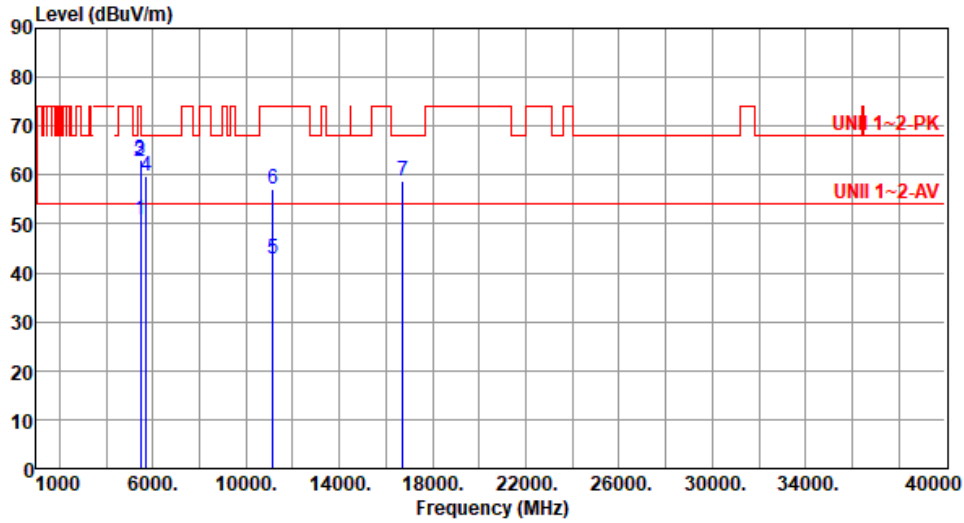
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 23 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 | 5460.00 | 50.91 | 54.00 | -3.09 | 50.94 | -0.03 | Average | 241 | 241 |
| 2 | 5460.00 | 62.73 | 74.00 | -11.27 | 62.76 | -0.03 | Peak | 241 | 241 |
| 3 | 5470.00 | 63.17 | 68.20 | -5.03 | 63.18 | -0.01 | Peak | 241 | 241 |
| 4 | 5725.00 | 59.70 | 68.20 | -8.50 | 59.22 | 0.48 | Peak | 241 | 241 |
| 5 | 11140.00 | 42.69 | 54.00 | -11.31 | 35.66 | 7.03 | Average | 100 | 202 |
| 6 | 11140.00 | 57.15 | 74.00 | -16.85 | 50.12 | 7.03 | Peak | 100 | 202 |
| 7 | 16710.00 | 58.88 | 68.20 | -9.32 | 52.64 | 6.24 | Peak | 100 | 157 |

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

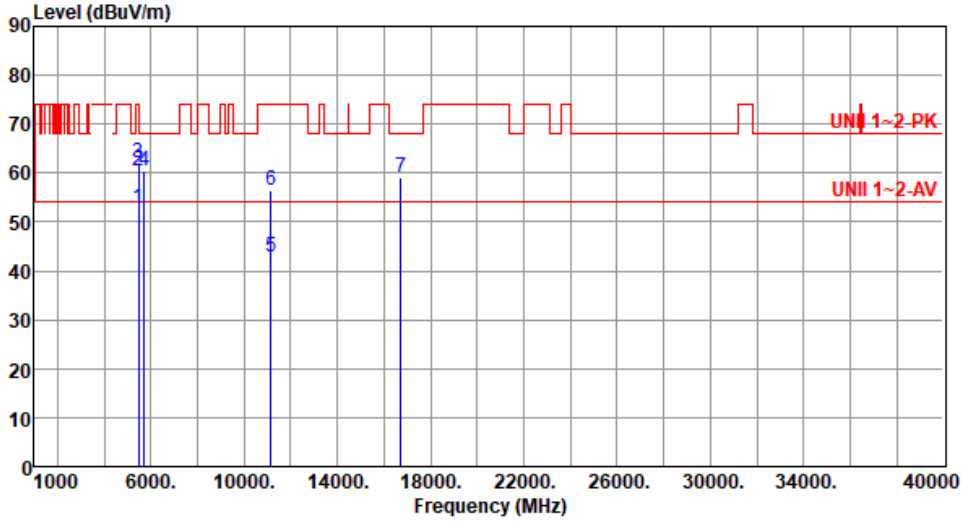
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):23 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 | 5460.00 | 52.78 | 54.00 | -1.22 | 52.81 | -0.03 | Average | 108 | 15 |
| 2 | 5460.00 | 60.52 | 74.00 | -13.48 | 60.55 | -0.03 | Peak | 108 | 15 |
| 3 | 5470.00 | 62.13 | 68.20 | -6.07 | 62.14 | -0.01 | Peak | 108 | 15 |
| 4 | 5725.00 | 60.35 | 68.20 | -7.85 | 59.87 | 0.48 | Peak | 108 | 15 |
| 5 | 11140.00 | 42.84 | 54.00 | -11.16 | 35.81 | 7.03 | Average | 100 | 112 |
| 6 | 11140.00 | 56.35 | 74.00 | -17.65 | 49.32 | 7.03 | Peak | 100 | 112 |
| 7 | 16710.00 | 59.02 | 68.20 | -9.18 | 52.78 | 6.24 | Peak | 100 | 135 |

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).



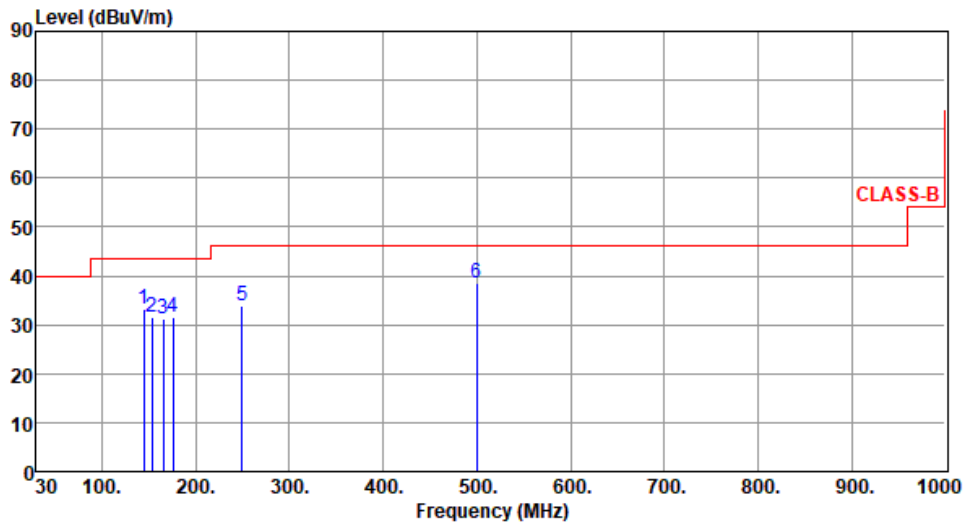
Beamforming mode

Test configuration 1: Without SFP, model: SDG-8612

Unwanted Emissions (Below 1GHz)

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

Test By :Sean Yu Temperature(°C):23 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 | 144.52 | 33.27 | 43.50 | -10.23 | 42.29 | -9.02 | Peak | --- | --- |
| 2 | 153.42 | 31.56 | 43.50 | -11.94 | 40.57 | -9.01 | Peak | --- | --- |
| 3 | 165.78 | 31.22 | 43.50 | -12.28 | 40.43 | -9.21 | Peak | --- | --- |
| 4 | 175.64 | 31.54 | 43.50 | -11.96 | 41.47 | -9.93 | Peak | --- | --- |
| 5 | 249.27 | 33.73 | 46.00 | -12.27 | 43.81 | -10.08 | Peak | --- | --- |
| 6 | 499.73 | 38.64 | 46.00 | -7.36 | 41.86 | -3.22 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

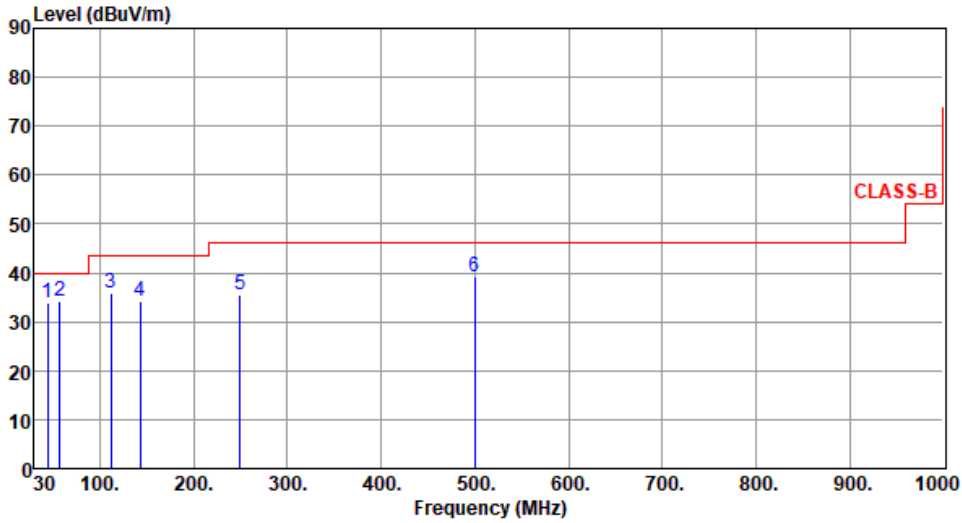
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



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

Test By :Sean Yu Temperature(°C):23 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 | 44.58 | 33.71 | 40.00 | -6.29 | 42.15 | -8.44 | Peak | --- | --- |
| 2 | 57.24 | 34.29 | 40.00 | -5.71 | 42.92 | -8.63 | Peak | --- | --- |
| 3 | 111.64 | 35.71 | 43.50 | -7.79 | 47.38 | -11.67 | Peak | --- | --- |
| 4 | 142.66 | 34.22 | 43.50 | -9.28 | 43.40 | -9.18 | Peak | --- | --- |
| 5 | 249.76 | 35.44 | 46.00 | -10.56 | 45.51 | -10.07 | Peak | --- | --- |
| 6 | 499.52 | 39.08 | 46.00 | -6.92 | 42.30 | -3.22 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

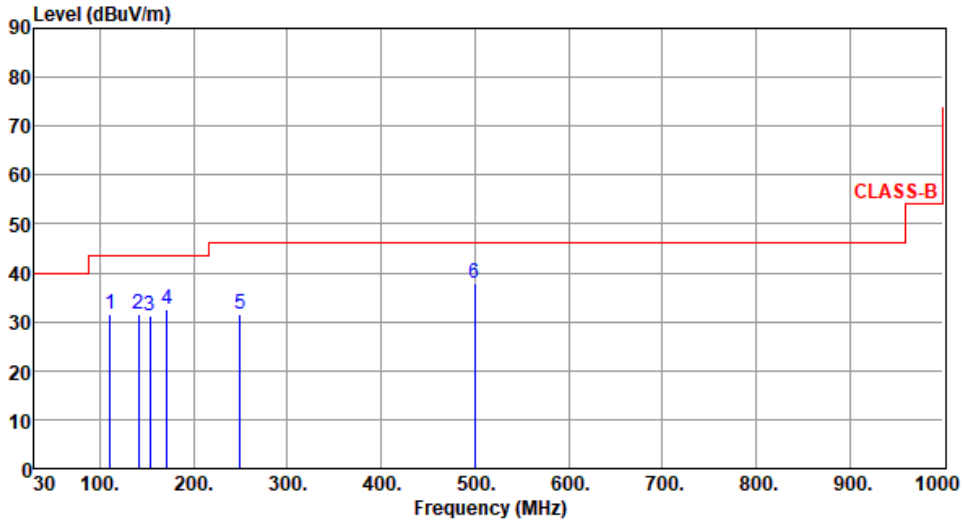
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



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

Test By :Sean Yu Temperature(°C):23 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 | 110.64 | 31.55 | 43.50 | -11.95 | 43.41 | -11.86 | Peak | --- | --- |
| 2 | 141.47 | 31.62 | 43.50 | -11.88 | 40.85 | -9.23 | Peak | --- | --- |
| 3 | 153.49 | 31.27 | 43.50 | -12.23 | 40.27 | -9.00 | Peak | --- | --- |
| 4 | 171.47 | 32.55 | 43.50 | -10.95 | 41.99 | -9.44 | Peak | --- | --- |
| 5 | 249.47 | 31.58 | 46.00 | -14.42 | 41.66 | -10.08 | Peak | --- | --- |
| 6 | 499.52 | 37.79 | 46.00 | -8.21 | 41.01 | -3.22 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

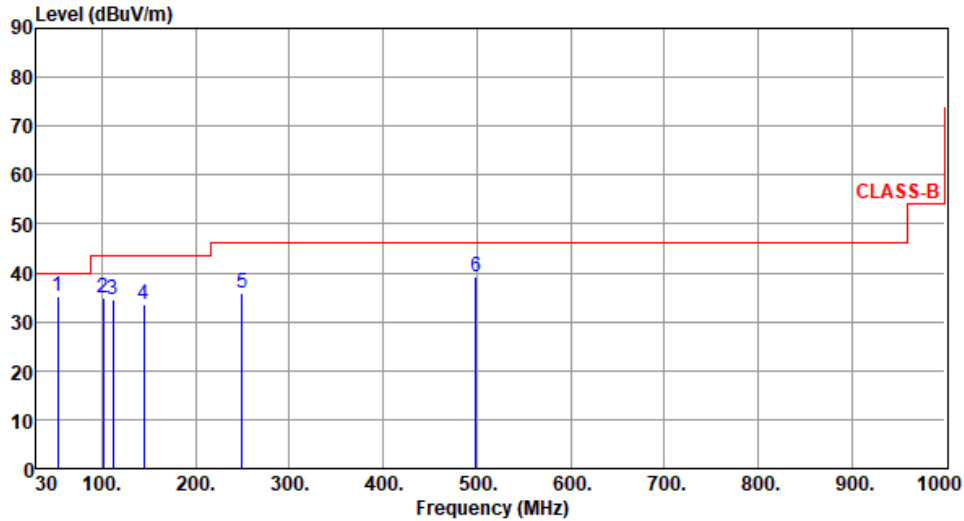
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



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

Test By :Sean Yu Temperature(°C):23 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 | 52.66 | 35.27 | 40.00 | -4.73 | 43.67 | -8.40 | Peak | --- | --- |
| 2 | 101.64 | 34.86 | 43.50 | -8.64 | 47.85 | -12.99 | Peak | --- | --- |
| 3 | 111.58 | 34.62 | 43.50 | -8.88 | 46.32 | -11.70 | Peak | --- | --- |
| 4 | 144.51 | 33.47 | 43.50 | -10.03 | 42.49 | -9.02 | Peak | --- | --- |
| 5 | 249.55 | 35.78 | 46.00 | -10.22 | 45.86 | -10.08 | Peak | --- | --- |
| 6 | 499.27 | 39.10 | 46.00 | -6.90 | 42.32 | -3.22 | 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.

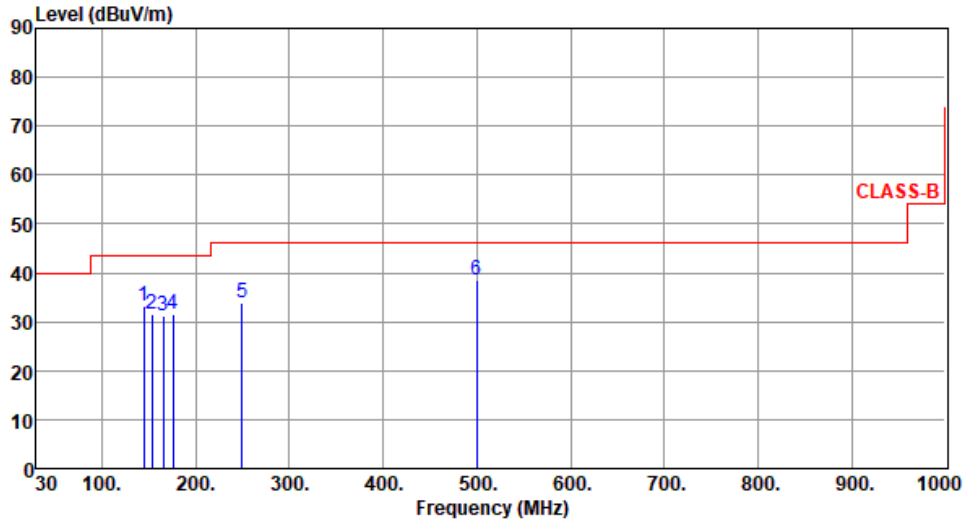


Test configuration 2: With SFP, model: SDG-8614

Unwanted Emissions (Below 1GHz)

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

Test By : Sean Yu Temperature(°C): 23 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 | 144.52 | 33.27 | 43.50 | -10.23 | 42.29 | -9.02 | Peak | --- | --- |
| 2 | 153.42 | 31.56 | 43.50 | -11.94 | 40.57 | -9.01 | Peak | --- | --- |
| 3 | 165.78 | 31.22 | 43.50 | -12.28 | 40.43 | -9.21 | Peak | --- | --- |
| 4 | 175.64 | 31.54 | 43.50 | -11.96 | 41.47 | -9.93 | Peak | --- | --- |
| 5 | 249.27 | 33.73 | 46.00 | -12.27 | 43.81 | -10.08 | Peak | --- | --- |
| 6 | 499.73 | 38.64 | 46.00 | -7.36 | 41.86 | -3.22 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

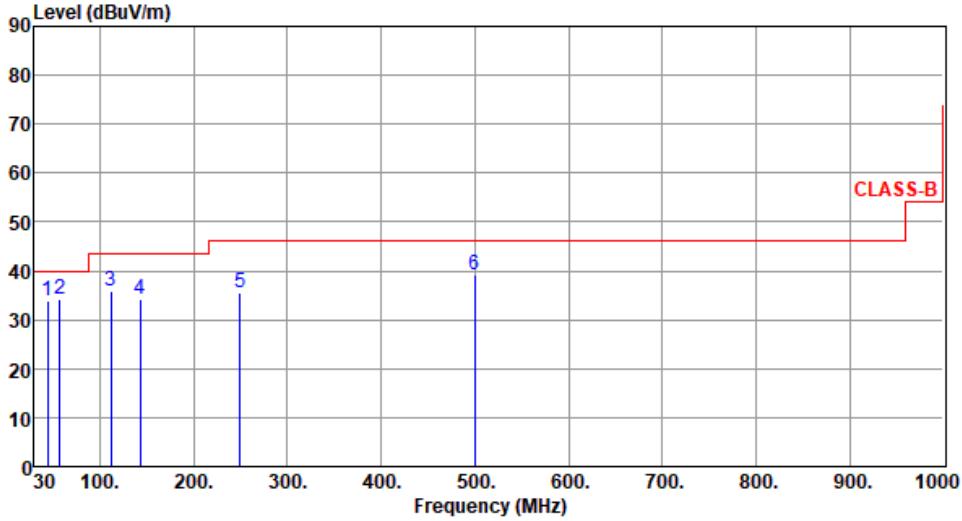
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



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

Test By :Sean Yu Temperature(°C):23 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 | 44.58 | 33.71 | 40.00 | -6.29 | 42.15 | -8.44 | Peak | --- | --- |
| 2 | 57.24 | 34.29 | 40.00 | -5.71 | 42.92 | -8.63 | Peak | --- | --- |
| 3 | 111.64 | 35.71 | 43.50 | -7.79 | 47.38 | -11.67 | Peak | --- | --- |
| 4 | 142.66 | 34.22 | 43.50 | -9.28 | 43.40 | -9.18 | Peak | --- | --- |
| 5 | 249.76 | 35.44 | 46.00 | -10.56 | 45.51 | -10.07 | Peak | --- | --- |
| 6 | 499.52 | 39.08 | 46.00 | -6.92 | 42.30 | -3.22 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

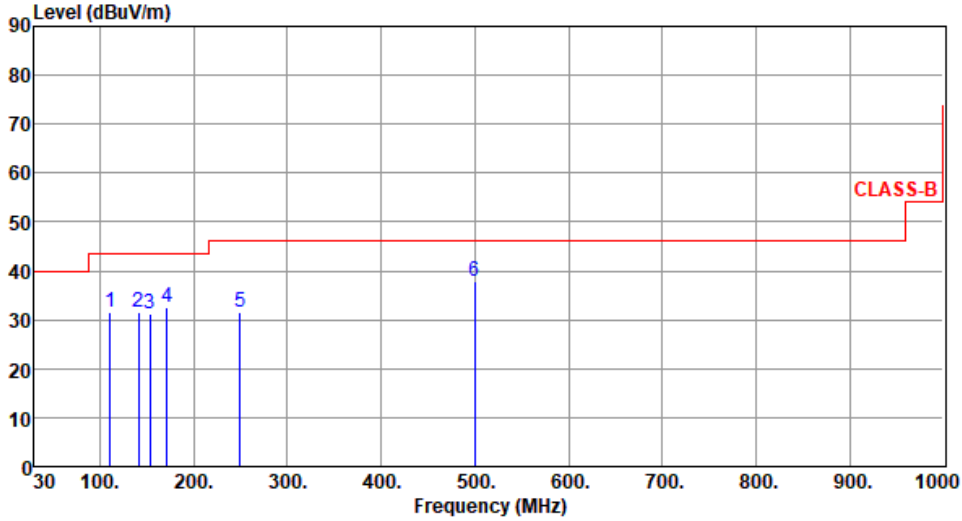
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



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

Test By :Sean Yu Temperature(°C):23 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 | 110.64 | 31.55 | 43.50 | -11.95 | 43.41 | -11.86 | Peak | --- | --- |
| 2 | 141.47 | 31.62 | 43.50 | -11.88 | 40.85 | -9.23 | Peak | --- | --- |
| 3 | 153.49 | 31.27 | 43.50 | -12.23 | 40.27 | -9.00 | Peak | --- | --- |
| 4 | 171.47 | 32.55 | 43.50 | -10.95 | 41.99 | -9.44 | Peak | --- | --- |
| 5 | 249.47 | 31.58 | 46.00 | -14.42 | 41.66 | -10.08 | Peak | --- | --- |
| 6 | 499.52 | 37.79 | 46.00 | -8.21 | 41.01 | -3.22 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

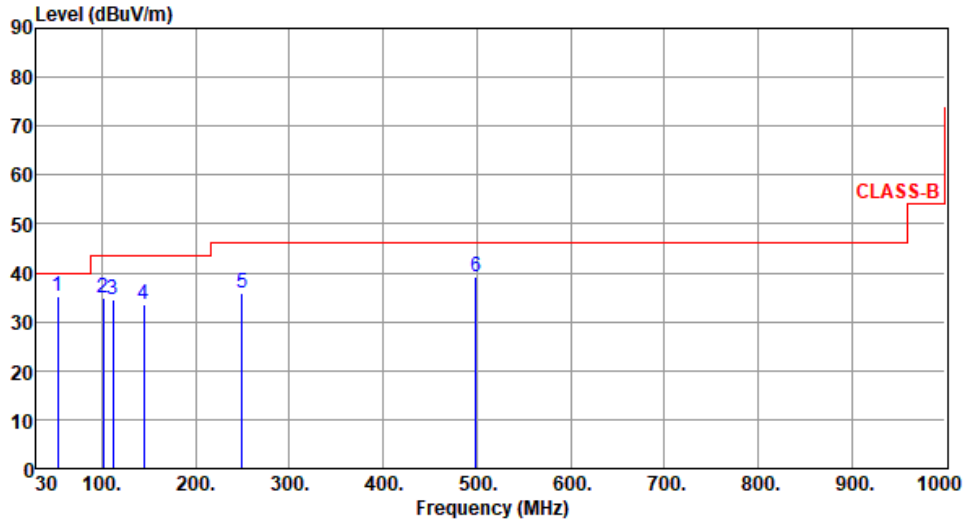
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



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

Test By :Sean Yu Temperature(°C):23 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 | 52.66 | 35.27 | 40.00 | -4.73 | 43.67 | -8.40 | Peak | --- | --- |
| 2 | 101.64 | 34.86 | 43.50 | -8.64 | 47.85 | -12.99 | Peak | --- | --- |
| 3 | 111.58 | 34.62 | 43.50 | -8.88 | 46.32 | -11.70 | Peak | --- | --- |
| 4 | 144.51 | 33.47 | 43.50 | -10.03 | 42.49 | -9.02 | Peak | --- | --- |
| 5 | 249.55 | 35.78 | 46.00 | -10.22 | 45.86 | -10.08 | Peak | --- | --- |
| 6 | 499.27 | 39.10 | 46.00 | -6.90 | 42.32 | -3.22 | 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

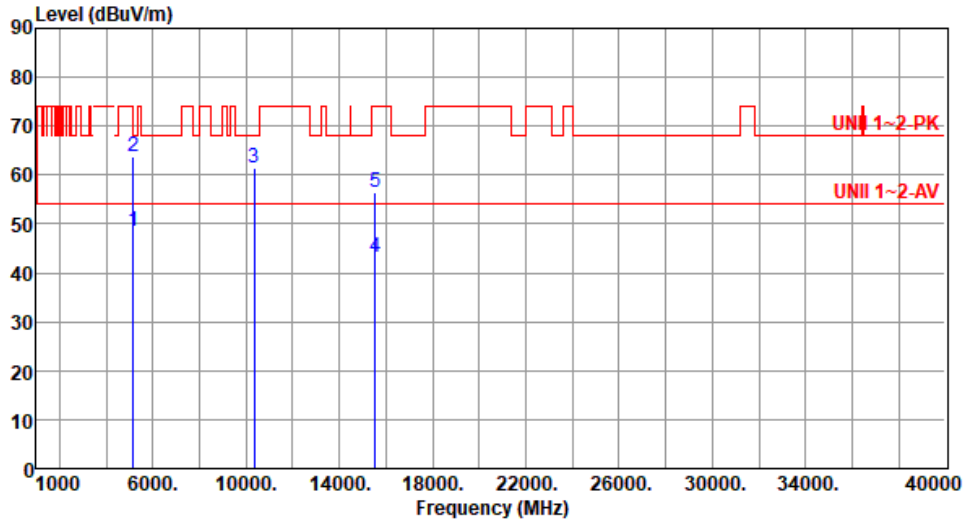
| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20 | Test Freq. (MHz) | 5180 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Sean Yu Temperature(°C): 25 Humidity(%): 61 | | | | | | | | | |
| | | | | | | | | | |
| | 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 | 47.29 | 54.00 | -6.71 | 47.15 | 0.14 | Average | 137 | 221 |
| 2 | 5150.00 | 61.55 | 74.00 | -12.45 | 61.41 | 0.14 | Peak | 137 | 221 |
| 3 | 10360.00 | 60.95 | 68.20 | -7.25 | 53.94 | 7.01 | Peak | 202 | 19 |
| 4 | 15540.00 | 43.26 | 54.00 | -10.74 | 39.21 | 4.05 | Average | 100 | 188 |
| 5 | 15540.00 | 56.46 | 74.00 | -17.54 | 52.41 | 4.05 | Peak | 100 | 188 |

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 | Test Freq. (MHz) | 5180 |
| Polarization | Vertical | | |

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 61



| | 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 | 48.45 | 54.00 | -5.55 | 48.31 | 0.14 | Average | 100 | 135 |
| 2 | 5150.00 | 63.84 | 74.00 | -10.16 | 63.70 | 0.14 | Peak | 100 | 135 |
| 3 | 10360.00 | 61.34 | 68.20 | -6.86 | 54.33 | 7.01 | Peak | 100 | 315 |
| 4 | 15540.00 | 43.23 | 54.00 | -10.77 | 39.18 | 4.05 | Average | 100 | 167 |
| 5 | 15540.00 | 56.39 | 74.00 | -17.61 | 52.34 | 4.05 | Peak | 100 | 167 |

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

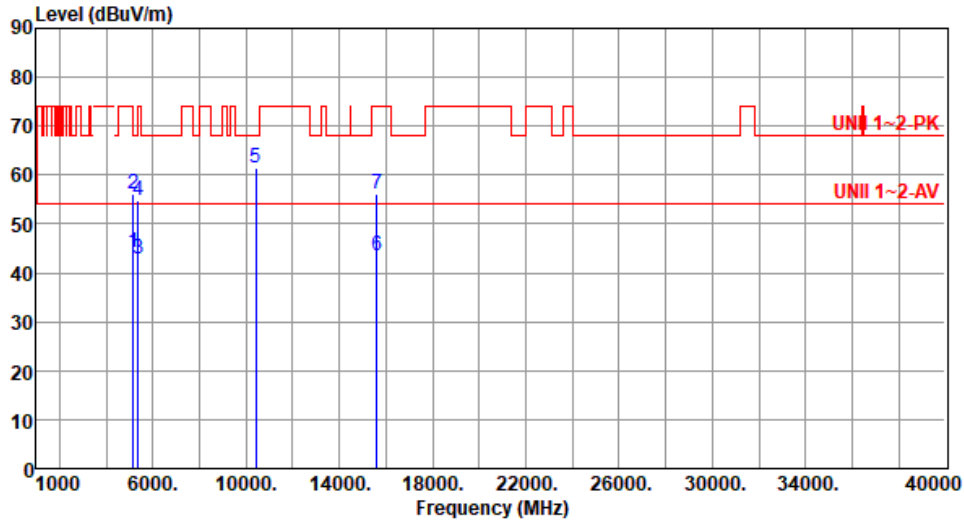
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Sean Yu Temperature(°C):25 Humidity(%):61



| | 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 | 44.01 | 54.00 | -9.99 | 43.87 | 0.14 | Average | 124 | 219 |
| 2 | 5150.00 | 56.14 | 74.00 | -17.86 | 56.00 | 0.14 | Peak | 124 | 219 |
| 3 | 5350.00 | 42.93 | 54.00 | -11.07 | 43.22 | -0.29 | Average | 124 | 219 |
| 4 | 5350.00 | 54.87 | 74.00 | -19.13 | 55.16 | -0.29 | Peak | 124 | 219 |
| 5 | 10400.00 | 61.34 | 68.20 | -6.86 | 54.23 | 7.11 | Peak | 199 | 22 |
| 6 | 15600.00 | 43.41 | 54.00 | -10.59 | 39.56 | 3.85 | Average | 100 | 102 |
| 7 | 15600.00 | 56.22 | 74.00 | -17.78 | 52.37 | 3.85 | Peak | 100 | 102 |

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

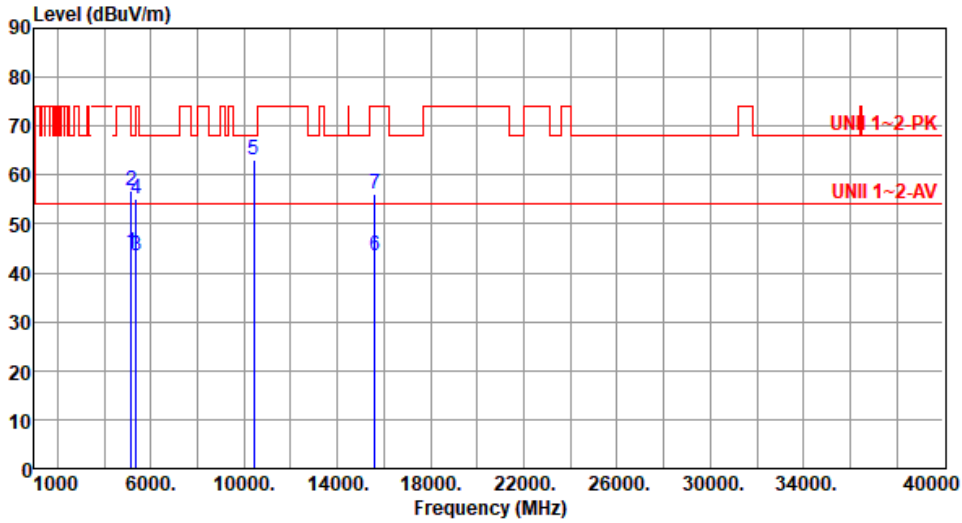
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 61



| | 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 | 44.30 | 54.00 | -9.70 | 44.16 | 0.14 | Average | 100 | 138 |
| 2 | 5150.00 | 56.82 | 74.00 | -17.18 | 56.68 | 0.14 | Peak | 100 | 138 |
| 3 | 5350.00 | 43.53 | 54.00 | -10.47 | 43.82 | -0.29 | Average | 100 | 138 |
| 4 | 5350.00 | 55.28 | 74.00 | -18.72 | 55.57 | -0.29 | Peak | 100 | 138 |
| 5 | 10400.00 | 63.15 | 68.20 | -5.05 | 56.04 | 7.11 | Peak | 100 | 316 |
| 6 | 15600.00 | 43.42 | 54.00 | -10.58 | 39.57 | 3.85 | Average | 100 | 136 |
| 7 | 15600.00 | 56.14 | 74.00 | -17.86 | 52.29 | 3.85 | Peak | 100 | 136 |

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

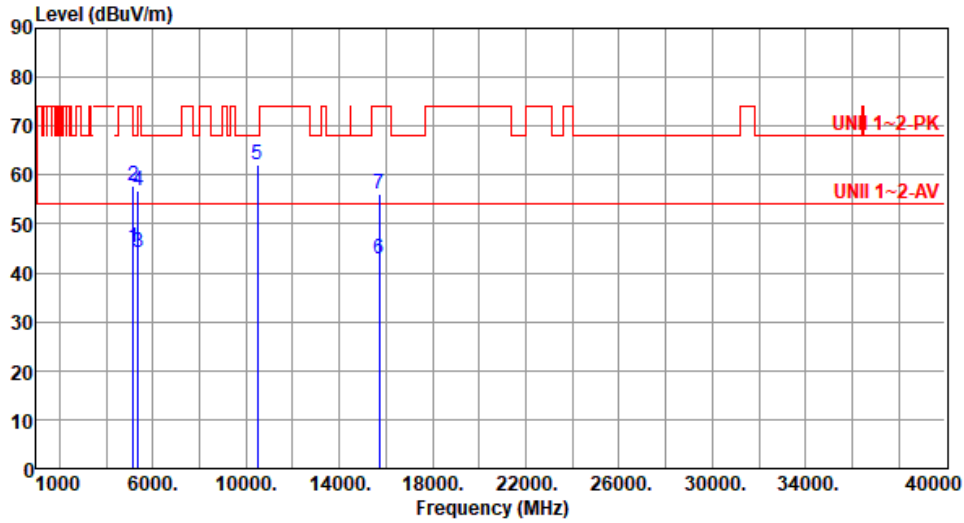
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 45.10 | 54.00 | -8.90 | 44.96 | 0.14 | Average | 141 | 222 |
| 2 | 5150.00 | 57.86 | 74.00 | -16.14 | 57.72 | 0.14 | Peak | 141 | 222 |
| 3 | 5350.00 | 44.05 | 54.00 | -9.95 | 44.34 | -0.29 | Average | 141 | 222 |
| 4 | 5350.00 | 56.65 | 74.00 | -17.35 | 56.94 | -0.29 | Peak | 141 | 222 |
| 5 | 10480.00 | 62.19 | 68.20 | -6.01 | 55.02 | 7.17 | Peak | 197 | 23 |
| 6 | 15720.00 | 42.95 | 54.00 | -11.05 | 39.12 | 3.83 | Average | 100 | 112 |
| 7 | 15720.00 | 56.06 | 74.00 | -17.94 | 52.23 | 3.83 | Peak | 100 | 112 |

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

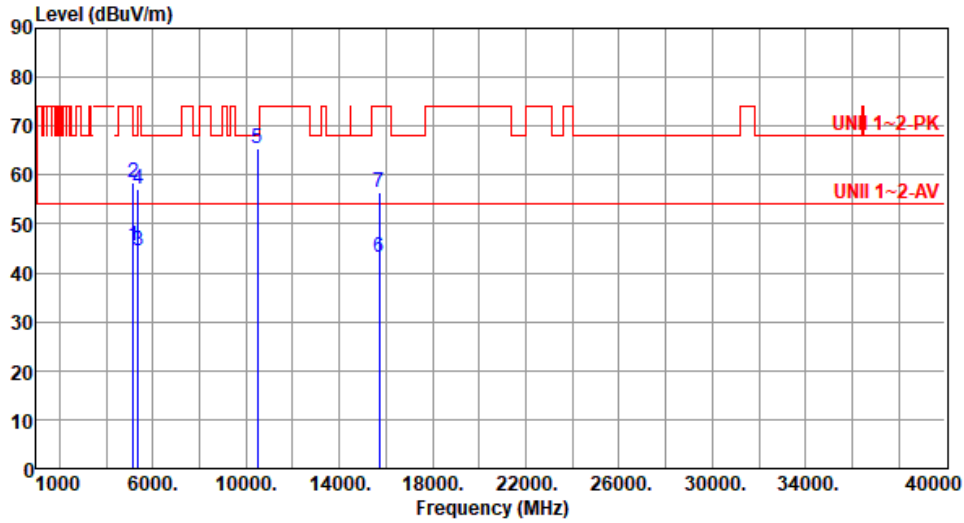
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 45.38 | 54.00 | -8.62 | 45.24 | 0.14 | Average | 108 | 137 |
| 2 | 5150.00 | 58.34 | 74.00 | -15.66 | 58.20 | 0.14 | Peak | 108 | 137 |
| 3 | 5350.00 | 44.63 | 54.00 | -9.37 | 44.92 | -0.29 | Average | 108 | 137 |
| 4 | 5350.00 | 57.16 | 74.00 | -16.84 | 57.45 | -0.29 | Peak | 108 | 137 |
| 5 | 10480.00 | 65.37 | 68.20 | -2.83 | 58.20 | 7.17 | Peak | 100 | 315 |
| 6 | 15720.00 | 43.30 | 54.00 | -10.70 | 39.47 | 3.83 | Average | 100 | 172 |
| 7 | 15720.00 | 56.32 | 74.00 | -17.68 | 52.49 | 3.83 | Peak | 100 | 172 |

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

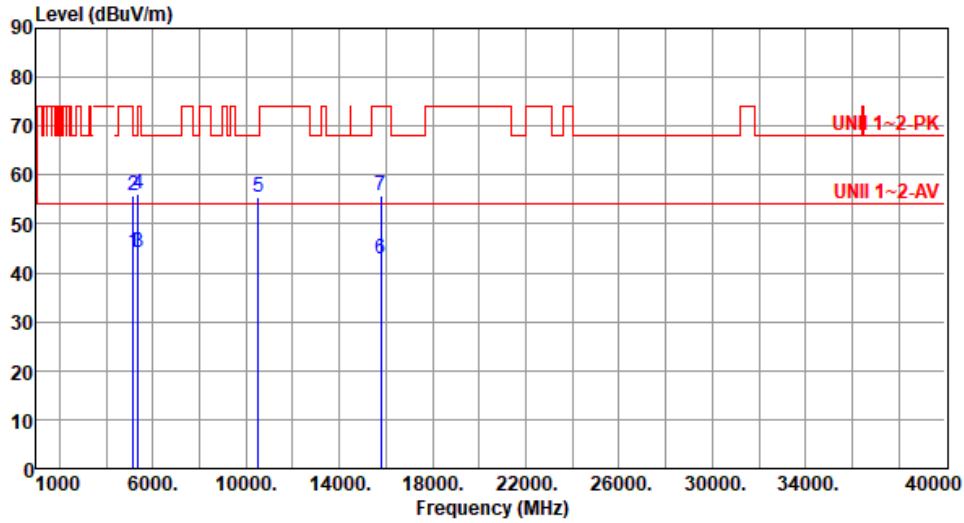
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 44.31 | 54.00 | -9.69 | 44.17 | 0.14 | Average | 307 | 276 |
| 2 | 5150.00 | 55.80 | 74.00 | -18.20 | 55.66 | 0.14 | Peak | 307 | 276 |
| 3 | 5350.00 | 44.27 | 54.00 | -9.73 | 44.56 | -0.29 | Average | 307 | 276 |
| 4 | 5350.00 | 56.08 | 74.00 | -17.92 | 56.37 | -0.29 | Peak | 307 | 276 |
| 5 | 10520.00 | 55.32 | 68.20 | -12.88 | 48.13 | 7.19 | Peak | 100 | 31 |
| 6 | 15780.00 | 42.89 | 54.00 | -11.11 | 39.02 | 3.87 | Average | 100 | 133 |
| 7 | 15780.00 | 55.95 | 74.00 | -18.05 | 52.08 | 3.87 | Peak | 100 | 133 |

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).



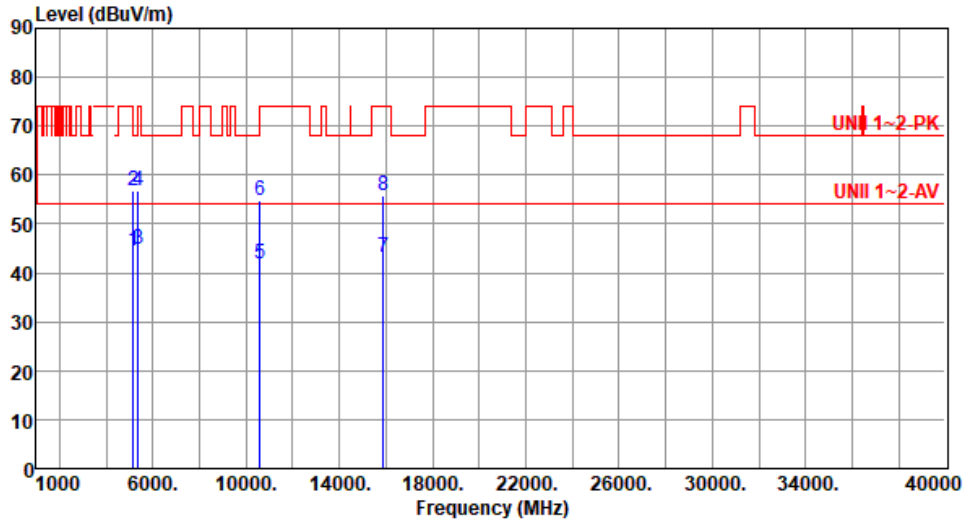
| | | | | | | | | | |
|---------------------|----------|---------------------|-------------------------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 | | Test Freq. (MHz) | 5260 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 44.40 | 54.00 | -9.60 | 44.26 | 0.14 | Average | 100 | 140 |
| 2 | 5150.00 | 56.47 | 74.00 | -17.53 | 56.33 | 0.14 | Peak | 100 | 140 |
| 3 | 5350.00 | 44.43 | 54.00 | -9.57 | 44.72 | -0.29 | Average | 100 | 140 |
| 4 | 5350.00 | 56.56 | 74.00 | -17.44 | 56.85 | -0.29 | Peak | 100 | 140 |
| 5 | 10520.00 | 57.72 | 68.20 | -10.48 | 50.53 | 7.19 | Peak | 100 | 315 |
| 6 | 15780.00 | 43.05 | 54.00 | -10.95 | 39.18 | 3.87 | Average | 100 | 115 |
| 7 | 15780.00 | 56.15 | 74.00 | -17.85 | 52.28 | 3.87 | Peak | 100 | 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).



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 44.59 | 54.00 | -9.41 | 44.45 | 0.14 | Average | 286 | 272 |
| 2 | 5150.00 | 56.94 | 74.00 | -17.06 | 56.80 | 0.14 | Peak | 286 | 272 |
| 3 | 5350.00 | 44.88 | 54.00 | -9.12 | 45.17 | -0.29 | Average | 286 | 272 |
| 4 | 5350.00 | 56.84 | 74.00 | -17.16 | 57.13 | -0.29 | Peak | 286 | 272 |
| 5 | 10600.00 | 41.75 | 54.00 | -12.25 | 34.58 | 7.17 | Average | 100 | 14 |
| 6 | 10600.00 | 54.66 | 74.00 | -19.34 | 47.49 | 7.17 | Peak | 100 | 14 |
| 7 | 15900.00 | 43.23 | 54.00 | -10.77 | 39.18 | 4.05 | Average | 100 | 96 |
| 8 | 15900.00 | 55.86 | 74.00 | -18.14 | 51.81 | 4.05 | Peak | 100 | 96 |

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).



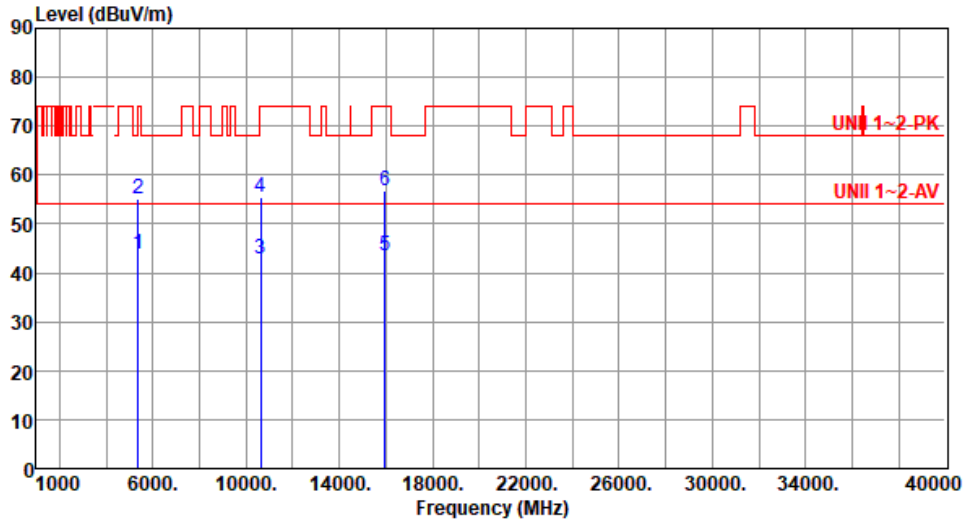
| | | | | | | | | | |
|---|----------|-------------------------|--------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 | Test Freq. (MHz) | 5300 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| | | | | | | | | | |
| | 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 | 44.36 | 54.00 | -9.64 | 44.22 | 0.14 | Average | 100 | 142 |
| 2 | 5150.00 | 56.85 | 74.00 | -17.15 | 56.71 | 0.14 | Peak | 100 | 142 |
| 3 | 5350.00 | 44.49 | 54.00 | -9.51 | 44.78 | -0.29 | Average | 100 | 142 |
| 4 | 5350.00 | 57.38 | 74.00 | -16.62 | 57.67 | -0.29 | Peak | 100 | 142 |
| 5 | 10600.00 | 42.75 | 54.00 | -11.25 | 35.58 | 7.17 | Average | 100 | 318 |
| 6 | 10600.00 | 54.87 | 74.00 | -19.13 | 47.70 | 7.17 | Peak | 100 | 318 |
| 7 | 15900.00 | 43.31 | 54.00 | -10.69 | 39.26 | 4.05 | Average | 100 | 118 |
| 8 | 15900.00 | 56.74 | 74.00 | -17.26 | 52.69 | 4.05 | 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 HE20 | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | | |

Test By : Paul Lin Temperature(°C): 25 Humidity(%): 61



| | 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 | 43.82 | 54.00 | -10.18 | 44.11 | -0.29 | Average | 305 | 268 |
| 2 | 5350.00 | 55.27 | 74.00 | -18.73 | 55.56 | -0.29 | Peak | 305 | 268 |
| 3 | 10640.00 | 42.84 | 54.00 | -11.16 | 35.72 | 7.12 | Average | 100 | 26 |
| 4 | 10640.00 | 55.41 | 74.00 | -18.59 | 48.29 | 7.12 | Peak | 100 | 26 |
| 5 | 15960.00 | 43.49 | 54.00 | -10.51 | 39.46 | 4.03 | Average | 100 | 155 |
| 6 | 15960.00 | 56.74 | 74.00 | -17.26 | 52.71 | 4.03 | Peak | 100 | 155 |

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).

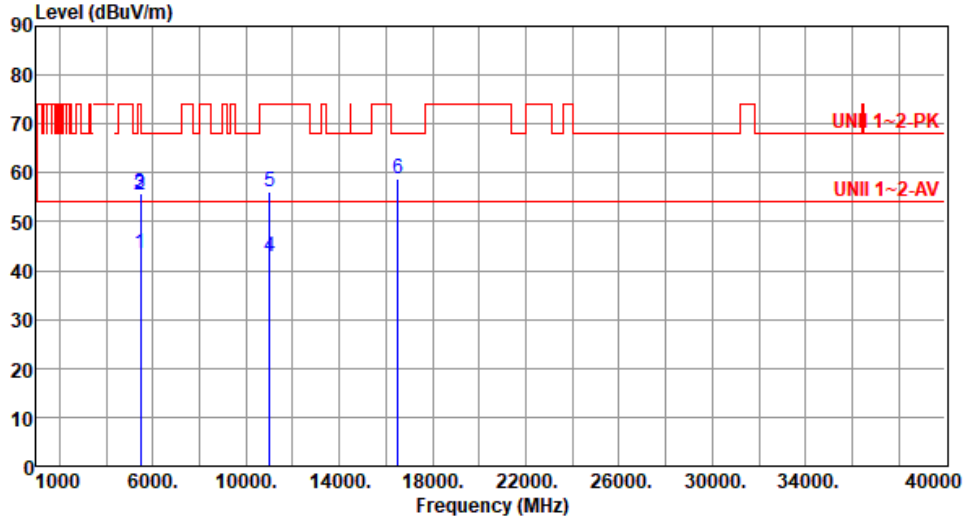


| | | | | | | | | | |
|---|----------|-------------------------|--------|-----------------|------------|--------|---------|-------------|----------------|
| Modulation | ax HE20 | Test Freq. (MHz) | 5320 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| <p>The graph 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' and 'UNII 1~2-AV'. Six vertical blue lines are labeled 1 through 6, 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 | 5350.00 | 44.18 | 54.00 | -9.82 | 44.47 | -0.29 | Average | 100 | 141 |
| 2 | 5350.00 | 56.62 | 74.00 | -17.38 | 56.91 | -0.29 | Peak | 100 | 141 |
| 3 | 10640.00 | 42.66 | 54.00 | -11.34 | 35.54 | 7.12 | Average | 100 | 317 |
| 4 | 10640.00 | 55.85 | 74.00 | -18.15 | 48.73 | 7.12 | Peak | 100 | 317 |
| 5 | 15960.00 | 43.37 | 54.00 | -10.63 | 39.34 | 4.03 | Average | 100 | 201 |
| 6 | 15960.00 | 56.64 | 74.00 | -17.36 | 52.61 | 4.03 | Peak | 100 | 201 |
| <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 | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.36 | 54.00 | -10.64 | 43.39 | -0.03 | Average | 246 | 254 |
| 2 | 5460.00 | 55.58 | 74.00 | -18.42 | 55.61 | -0.03 | Peak | 246 | 254 |
| 3 | 5470.00 | 55.88 | 68.20 | -12.32 | 55.89 | -0.01 | Peak | 246 | 254 |
| 4 | 11000.00 | 42.90 | 54.00 | -11.10 | 35.41 | 7.49 | Average | 100 | 230 |
| 5 | 11000.00 | 56.25 | 74.00 | -17.75 | 48.76 | 7.49 | Peak | 100 | 230 |
| 6 | 16500.00 | 58.73 | 68.20 | -9.47 | 52.74 | 5.99 | Peak | 100 | 177 |

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

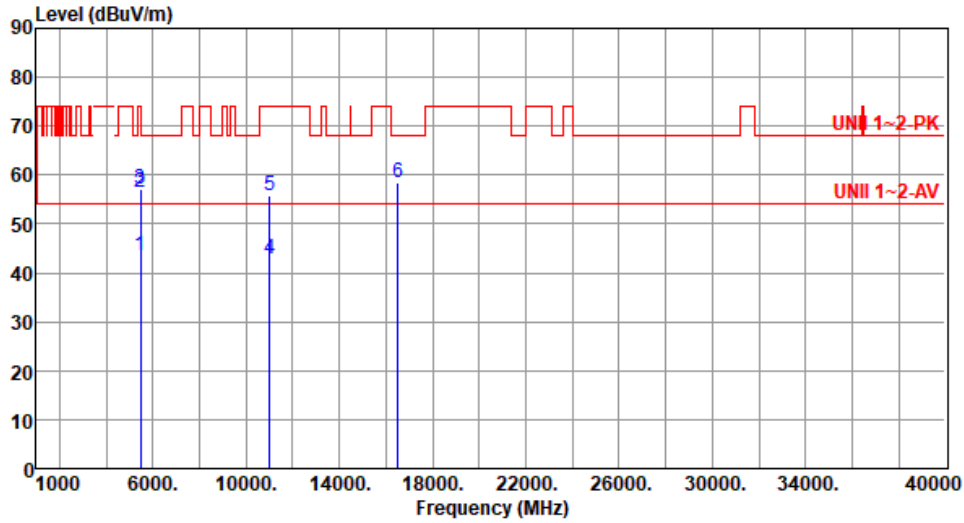
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Paul Lin Temperature(°C): 25 Humidity(%): 61



| | 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 | 43.56 | 54.00 | -10.44 | 43.59 | -0.03 | Average | 104 | 31 |
| 2 | 5460.00 | 56.60 | 74.00 | -17.40 | 56.63 | -0.03 | Peak | 104 | 31 |
| 3 | 5470.00 | 56.98 | 68.20 | -11.22 | 56.99 | -0.01 | Peak | 104 | 31 |
| 4 | 11000.00 | 42.96 | 54.00 | -11.04 | 35.47 | 7.49 | Average | 100 | 64 |
| 5 | 11000.00 | 55.66 | 74.00 | -18.34 | 48.17 | 7.49 | Peak | 100 | 64 |
| 6 | 16500.00 | 58.37 | 68.20 | -9.83 | 52.38 | 5.99 | Peak | 100 | 184 |

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

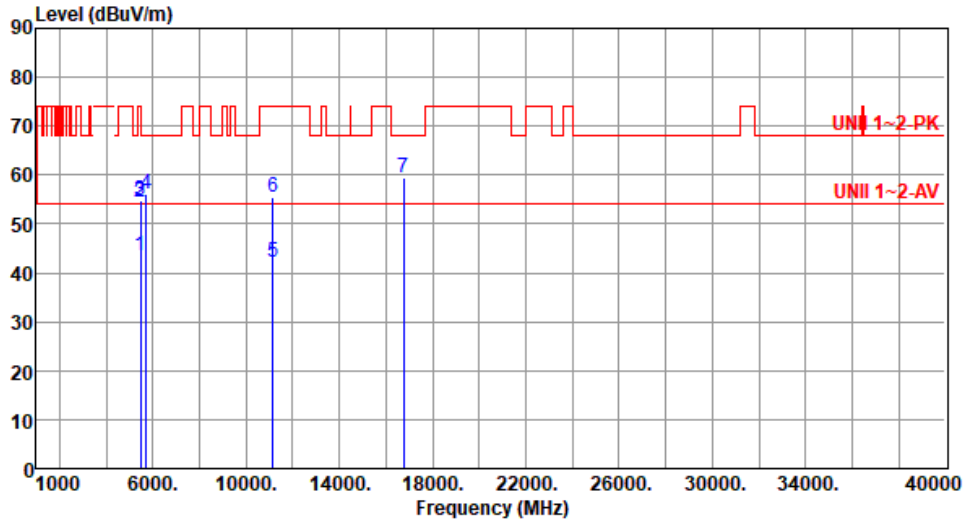
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.61 | 54.00 | -10.39 | 43.64 | -0.03 | Average | 321 | 70 |
| 2 | 5460.00 | 54.63 | 74.00 | -19.37 | 54.66 | -0.03 | Peak | 321 | 70 |
| 3 | 5470.00 | 54.91 | 68.20 | -13.29 | 54.92 | -0.01 | Peak | 321 | 70 |
| 4 | 5725.00 | 56.11 | 68.20 | -12.09 | 55.63 | 0.48 | Peak | 321 | 70 |
| 5 | 11160.00 | 42.14 | 54.00 | -11.86 | 35.21 | 6.93 | Average | 100 | 223 |
| 6 | 11160.00 | 55.59 | 74.00 | -18.41 | 48.66 | 6.93 | Peak | 100 | 223 |
| 7 | 16740.00 | 59.46 | 68.20 | -8.74 | 53.11 | 6.35 | Peak | 100 | 182 |

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

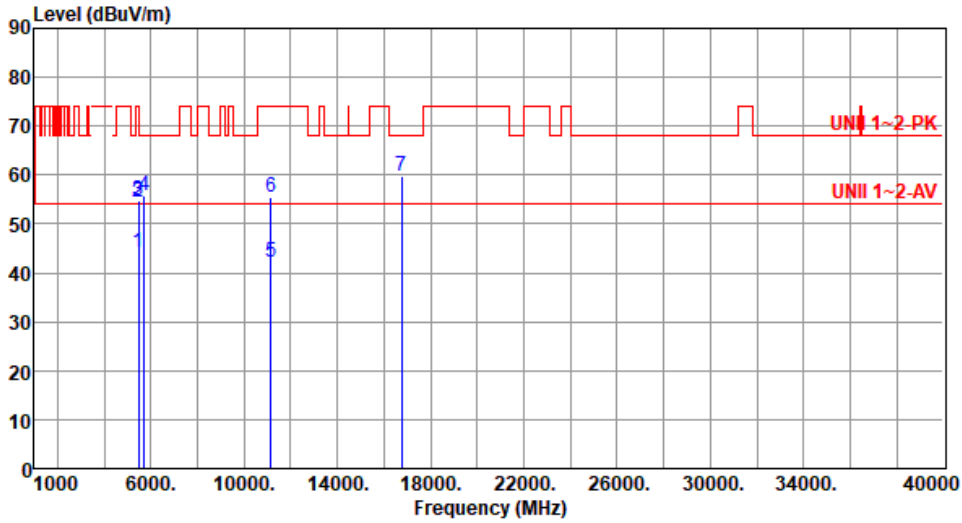
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 44.08 | 54.00 | -9.92 | 44.11 | -0.03 | Average | 119 | 23 |
| 2 | 5460.00 | 54.49 | 74.00 | -19.51 | 54.52 | -0.03 | Peak | 119 | 23 |
| 3 | 5470.00 | 54.94 | 68.20 | -13.26 | 54.95 | -0.01 | Peak | 119 | 23 |
| 4 | 5725.00 | 55.66 | 68.20 | -12.54 | 55.18 | 0.48 | Peak | 119 | 23 |
| 5 | 11160.00 | 42.26 | 54.00 | -11.74 | 35.33 | 6.93 | Average | 100 | 72 |
| 6 | 11160.00 | 55.44 | 74.00 | -18.56 | 48.51 | 6.93 | Peak | 100 | 72 |
| 7 | 16740.00 | 59.82 | 68.20 | -8.38 | 53.47 | 6.35 | Peak | 100 | 112 |

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

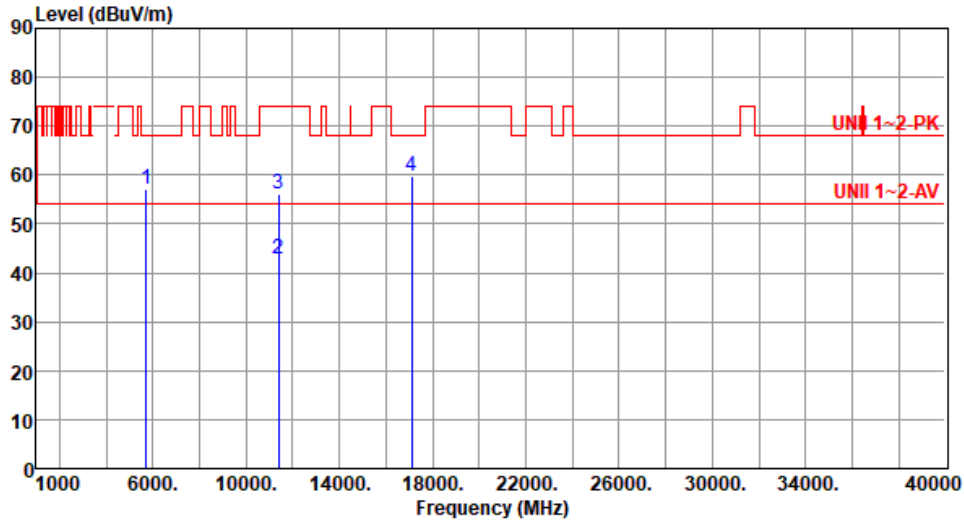
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 57.26 | 68.20 | -10.94 | 56.78 | 0.48 | Peak | 188 | 59 |
| 2 | 11400.00 | 42.74 | 54.00 | -11.26 | 35.72 | 7.02 | Average | 100 | 196 |
| 3 | 11400.00 | 56.15 | 74.00 | -17.85 | 49.13 | 7.02 | Peak | 100 | 196 |
| 4 | 17100.00 | 59.63 | 68.20 | -8.57 | 53.68 | 5.95 | Peak | 100 | 264 |

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

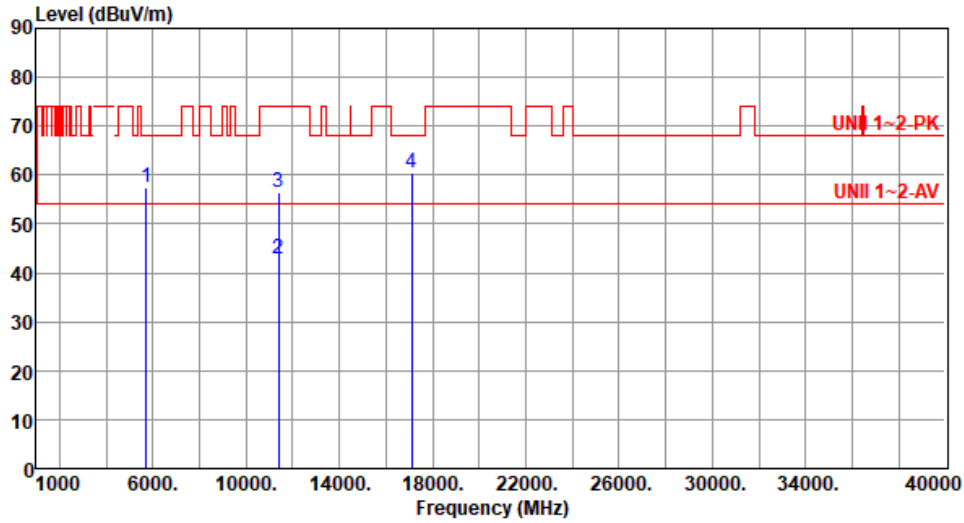
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 57.54 | 68.20 | -10.66 | 57.06 | 0.48 | Peak | 102 | 39 |
| 2 | 11400.00 | 42.93 | 54.00 | -11.07 | 35.91 | 7.02 | Average | 100 | 189 |
| 3 | 11400.00 | 56.41 | 74.00 | -17.59 | 49.39 | 7.02 | Peak | 100 | 189 |
| 4 | 17100.00 | 60.33 | 68.20 | -7.87 | 54.38 | 5.95 | Peak | 100 | 109 |

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

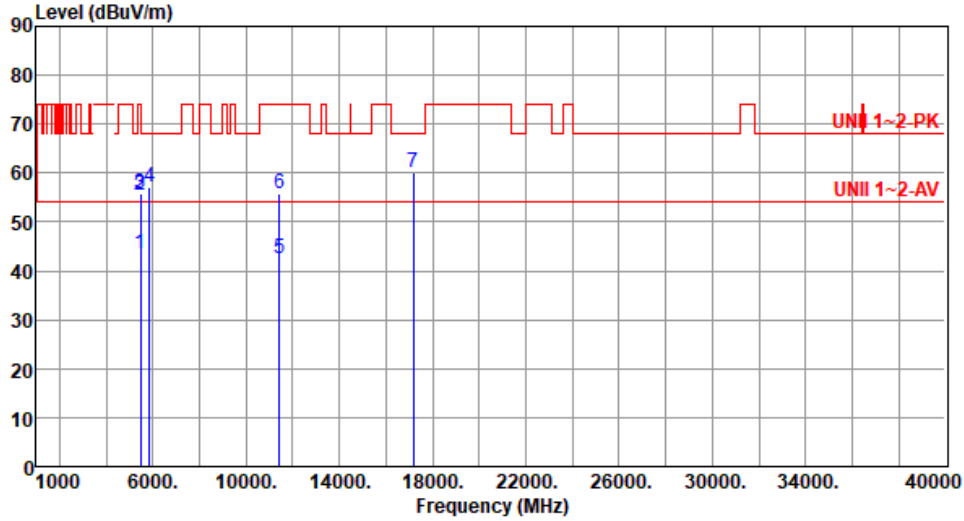
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.63 | 54.00 | -10.37 | 43.66 | -0.03 | Average | 181 | 63 |
| 2 | 5460.00 | 55.31 | 74.00 | -18.69 | 55.34 | -0.03 | Peak | 181 | 63 |
| 3 | 5470.00 | 55.66 | 68.20 | -12.54 | 55.67 | -0.01 | Peak | 181 | 63 |
| 4 | 5850.00 | 57.07 | 68.20 | -11.13 | 56.32 | 0.75 | Peak | 181 | 63 |
| 5 | 11440.00 | 42.45 | 54.00 | -11.55 | 35.37 | 7.08 | Average | 100 | 128 |
| 6 | 11440.00 | 55.88 | 74.00 | -18.12 | 48.80 | 7.08 | Peak | 100 | 128 |
| 7 | 17160.00 | 60.21 | 68.20 | -7.99 | 54.15 | 6.06 | Peak | 100 | 107 |

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

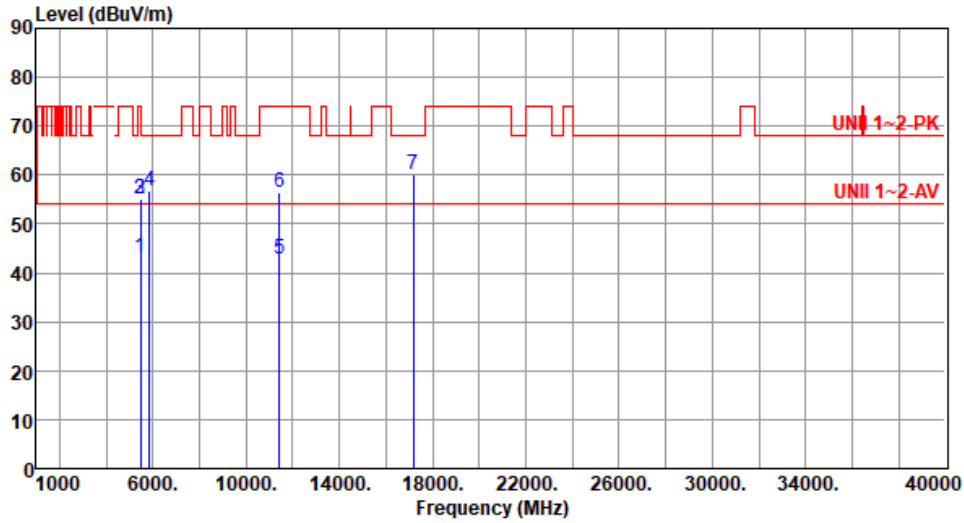
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.26 | 54.00 | -10.74 | 43.29 | -0.03 | Average | 103 | 39 |
| 2 | 5460.00 | 55.20 | 74.00 | -18.80 | 55.23 | -0.03 | Peak | 103 | 39 |
| 3 | 5470.00 | 55.18 | 68.20 | -13.02 | 55.19 | -0.01 | Peak | 103 | 39 |
| 4 | 5850.00 | 56.89 | 68.20 | -11.31 | 56.14 | 0.75 | Peak | 103 | 39 |
| 5 | 11440.00 | 42.76 | 54.00 | -11.24 | 35.68 | 7.08 | Average | 100 | 303 |
| 6 | 11440.00 | 56.44 | 74.00 | -17.56 | 49.36 | 7.08 | Peak | 100 | 303 |
| 7 | 17160.00 | 60.05 | 68.20 | -8.15 | 53.99 | 6.06 | Peak | 100 | 279 |

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 | Test Freq. (MHz) | 5745 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| | | | | | | | | | |
| | 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 | 56.89 | 68.20 | -11.31 | 56.75 | 0.14 | Peak | 333 | 258 |
| 2 | 5700.00 | 57.00 | 105.20 | -48.20 | 56.64 | 0.36 | Peak | 333 | 258 |
| 3 | 5720.00 | 62.26 | 110.80 | -48.54 | 61.80 | 0.46 | Peak | 333 | 258 |
| 4 | 5725.00 | 68.60 | 122.20 | -53.60 | 68.12 | 0.48 | Peak | 333 | 258 |
| 5 | 5925.00 | 56.95 | 68.20 | -11.25 | 55.88 | 1.07 | Peak | 333 | 258 |
| 6 | 11490.00 | 43.07 | 54.00 | -10.93 | 35.90 | 7.17 | Average | 100 | 116 |
| 7 | 11490.00 | 56.80 | 74.00 | -17.20 | 49.63 | 7.17 | Peak | 100 | 116 |
| 8 | 17235.00 | 60.04 | 68.20 | -8.16 | 53.96 | 6.08 | Peak | 100 | 206 |

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).



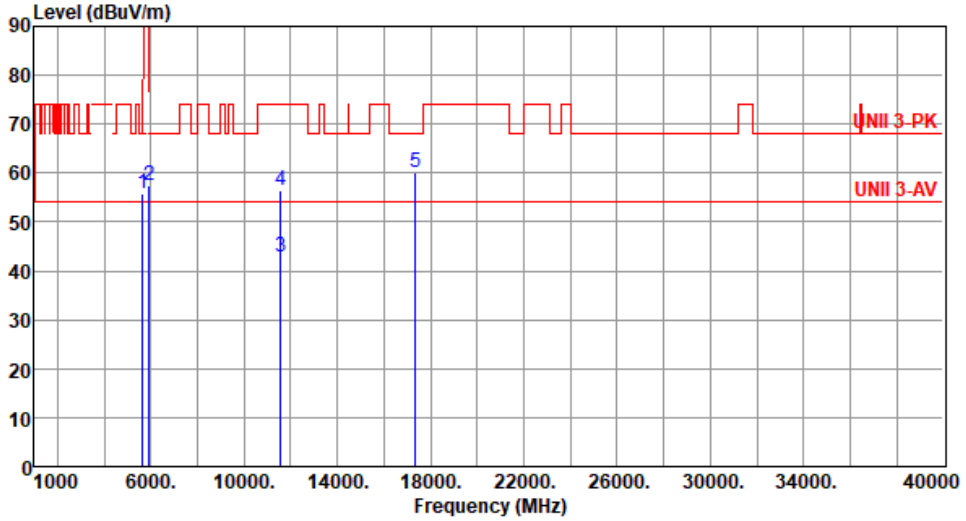
| | | | | | | | | | |
|---------------------|----------|---------------------|-------------------------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 | | Test Freq. (MHz) | 5745 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 56.82 | 68.20 | -11.38 | 56.68 | 0.14 | Peak | 100 | 18 |
| 2 | 5700.00 | 57.75 | 105.20 | -47.45 | 57.39 | 0.36 | Peak | 100 | 18 |
| 3 | 5720.00 | 63.56 | 110.80 | -47.24 | 63.10 | 0.46 | Peak | 100 | 18 |
| 4 | 5725.00 | 68.26 | 122.20 | -53.94 | 67.78 | 0.48 | Peak | 100 | 18 |
| 5 | 5925.00 | 57.00 | 68.20 | -11.20 | 55.93 | 1.07 | Peak | 100 | 18 |
| 6 | 11490.00 | 42.87 | 54.00 | -11.13 | 35.70 | 7.17 | Average | 100 | 175 |
| 7 | 11490.00 | 56.82 | 74.00 | -17.18 | 49.65 | 7.17 | Peak | 100 | 175 |
| 8 | 17235.00 | 60.27 | 68.20 | -7.93 | 54.19 | 6.08 | Peak | 100 | 261 |

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 | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 55.82 | 68.20 | -12.38 | 55.68 | 0.14 | Peak | 227 | 274 |
| 2 | 5925.00 | 57.60 | 68.20 | -10.60 | 56.53 | 1.07 | Peak | 227 | 274 |
| 3 | 11570.00 | 42.78 | 54.00 | -11.22 | 35.83 | 6.95 | Average | 100 | 192 |
| 4 | 11570.00 | 56.38 | 74.00 | -17.62 | 49.43 | 6.95 | Peak | 100 | 192 |
| 5 | 17355.00 | 60.27 | 68.20 | -7.93 | 54.05 | 6.22 | Peak | 100 | 211 |

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

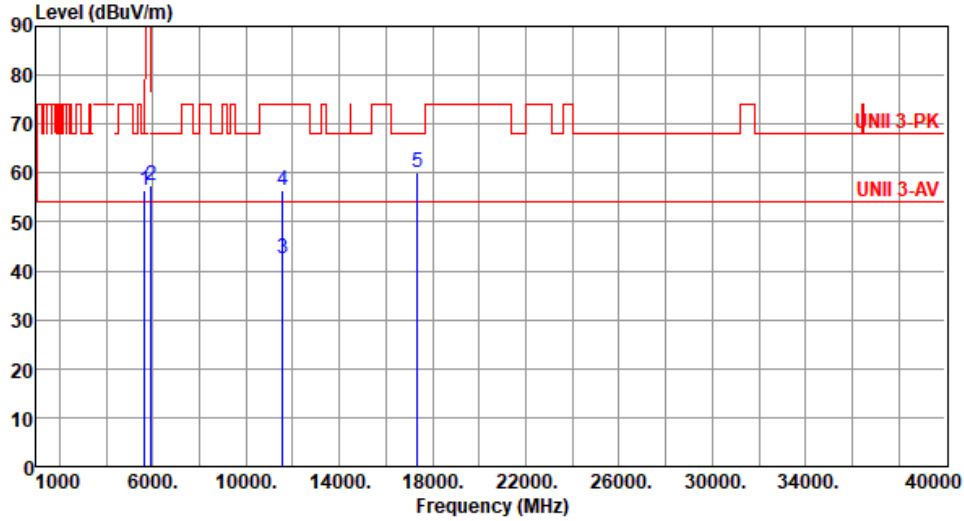
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.50 | 68.20 | -11.70 | 56.36 | 0.14 | Peak | 115 | 15 |
| 2 | 5925.00 | 57.33 | 68.20 | -10.87 | 56.26 | 1.07 | Peak | 115 | 15 |
| 3 | 11570.00 | 42.57 | 54.00 | -11.43 | 35.62 | 6.95 | Average | 100 | 108 |
| 4 | 11570.00 | 56.31 | 74.00 | -17.69 | 49.36 | 6.95 | Peak | 100 | 108 |
| 5 | 17355.00 | 60.09 | 68.20 | -8.11 | 53.87 | 6.22 | Peak | 100 | 136 |

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

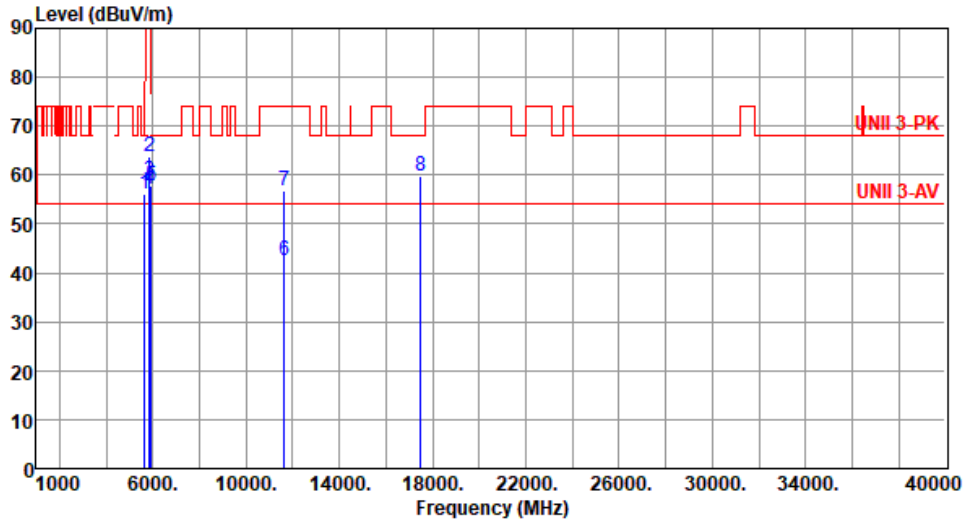
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.16 | 68.20 | -12.04 | 56.02 | 0.14 | Peak | 118 | 229 |
| 2 | 5850.00 | 63.88 | 122.20 | -58.32 | 63.13 | 0.75 | Peak | 118 | 229 |
| 3 | 5855.00 | 58.73 | 110.80 | -52.07 | 57.95 | 0.78 | Peak | 118 | 229 |
| 4 | 5875.00 | 57.17 | 105.20 | -48.03 | 56.30 | 0.87 | Peak | 118 | 229 |
| 5 | 5925.00 | 57.93 | 68.20 | -10.27 | 56.86 | 1.07 | Peak | 118 | 229 |
| 6 | 11650.00 | 42.56 | 54.00 | -11.44 | 35.89 | 6.67 | Average | 100 | 182 |
| 7 | 11650.00 | 56.64 | 74.00 | -17.36 | 49.97 | 6.67 | Peak | 100 | 182 |
| 8 | 17475.00 | 59.90 | 68.20 | -8.30 | 53.32 | 6.58 | Peak | 100 | 233 |

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 | | Test Freq. (MHz) | 5825 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 56.08 | 68.20 | -12.12 | 55.94 | 0.14 | Peak | 100 | 31 |
| 2 | 5850.00 | 70.92 | 122.20 | -51.28 | 70.17 | 0.75 | Peak | 100 | 31 |
| 3 | 5855.00 | 65.73 | 110.80 | -45.07 | 64.95 | 0.78 | Peak | 100 | 31 |
| 4 | 5875.00 | 59.90 | 105.20 | -45.30 | 59.03 | 0.87 | Peak | 100 | 31 |
| 5 | 5925.00 | 58.00 | 68.20 | -10.20 | 56.93 | 1.07 | Peak | 100 | 31 |
| 6 | 11650.00 | 42.79 | 54.00 | -11.21 | 36.12 | 6.67 | Average | 100 | 194 |
| 7 | 11650.00 | 56.85 | 74.00 | -17.15 | 50.18 | 6.67 | Peak | 100 | 194 |
| 8 | 17475.00 | 60.16 | 68.20 | -8.04 | 53.58 | 6.58 | Peak | 100 | 128 |

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

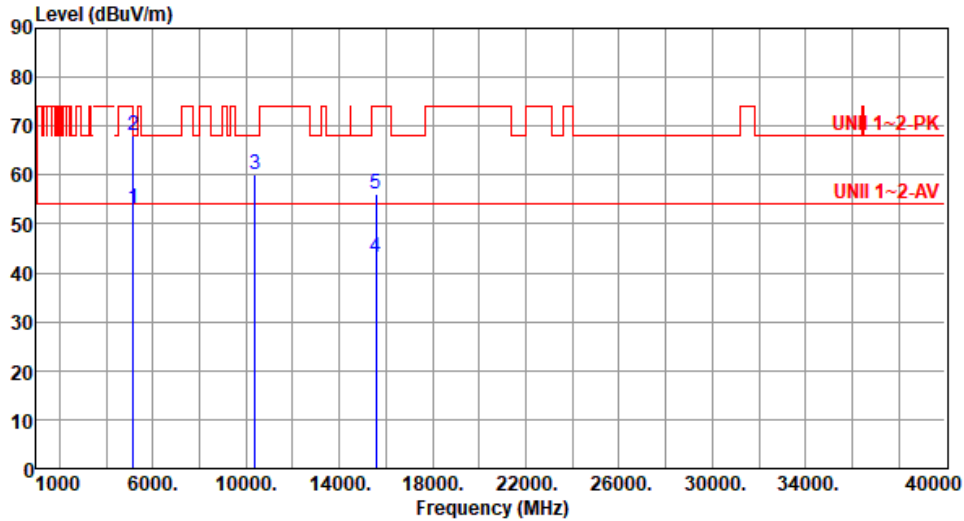
| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40 | Test Freq. (MHz) | 5190 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| | | | | | | | | | |
| | 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 | 50.72 | 54.00 | -3.28 | 50.58 | 0.14 | Average | 136 | 224 |
| 2 | 5150.00 | 64.62 | 74.00 | -9.38 | 64.48 | 0.14 | Peak | 136 | 224 |
| 3 | 10380.00 | 58.12 | 68.20 | -10.08 | 51.06 | 7.06 | Peak | 118 | 26 |
| 4 | 15570.00 | 42.61 | 54.00 | -11.39 | 38.66 | 3.95 | Average | 100 | 216 |
| 5 | 15570.00 | 56.41 | 74.00 | -17.59 | 52.46 | 3.95 | Peak | 100 | 216 |

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 | Test Freq. (MHz) | 5190 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 53.02 | 54.00 | -0.98 | 52.88 | 0.14 | Average | 100 | 137 |
| 2 | 5150.00 | 68.03 | 74.00 | -5.97 | 67.89 | 0.14 | Peak | 100 | 137 |
| 3 | 10380.00 | 60.03 | 68.20 | -8.17 | 52.97 | 7.06 | Peak | 100 | 314 |
| 4 | 15570.00 | 43.01 | 54.00 | -10.99 | 39.06 | 3.95 | Average | 100 | 167 |
| 5 | 15570.00 | 56.28 | 74.00 | -17.72 | 52.33 | 3.95 | Peak | 100 | 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 HE40 | Test Freq. (MHz) | 5230 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| <p>The plot shows a red waveform representing the emission level across a frequency range from 1000 to 40000 MHz. The y-axis is Level (dBuV/m) from 0 to 90. A horizontal red line at approximately 54 dBuV/m is labeled 'UNII 1-2-AV'. Another horizontal red line at approximately 68 dBuV/m is labeled 'UNII 1-2-PK'. Several vertical blue lines are labeled with numbers 1 through 7, corresponding to the data points in the table below.</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 | 45.00 | 54.00 | -9.00 | 44.86 | 0.14 | Average | 153 | 224 |
| 2 | 5150.00 | 56.91 | 74.00 | -17.09 | 56.77 | 0.14 | Peak | 153 | 224 |
| 3 | 5350.00 | 42.87 | 54.00 | -11.13 | 43.16 | -0.29 | Average | 153 | 224 |
| 4 | 5350.00 | 54.98 | 74.00 | -19.02 | 55.27 | -0.29 | Peak | 153 | 224 |
| 5 | 10460.00 | 59.55 | 68.20 | -8.65 | 52.39 | 7.16 | Peak | 116 | 25 |
| 6 | 15690.00 | 43.16 | 54.00 | -10.84 | 39.34 | 3.82 | Average | 100 | 166 |
| 7 | 15690.00 | 56.20 | 74.00 | -17.80 | 52.38 | 3.82 | Peak | 100 | 166 |
| <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 | Test Freq. (MHz) | 5230 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| <p>The plot shows a red line representing the emission level across a frequency range from 1000 to 40000 MHz. The y-axis ranges from 0 to 90 dBuV/m. A horizontal red line at approximately 54 dBuV/m is labeled 'UNII 1-2-AV'. A red line at approximately 70 dBuV/m is labeled 'UNII 1-2-PK'. Several blue vertical lines are labeled with numbers 2, 3, 4, 5, 6, and 7, corresponding to the data points in the table below.</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 | 46.15 | 54.00 | -7.85 | 46.01 | 0.14 | Average | 100 | 139 |
| 2 | 5150.00 | 61.52 | 74.00 | -12.48 | 61.38 | 0.14 | Peak | 100 | 139 |
| 3 | 5350.00 | 43.57 | 54.00 | -10.43 | 43.86 | -0.29 | Average | 100 | 139 |
| 4 | 5350.00 | 55.70 | 74.00 | -18.30 | 55.99 | -0.29 | Peak | 100 | 139 |
| 5 | 10460.00 | 61.46 | 68.20 | -6.74 | 54.30 | 7.16 | Peak | 100 | 319 |
| 6 | 15690.00 | 43.00 | 54.00 | -11.00 | 39.18 | 3.82 | Average | 100 | 116 |
| 7 | 15690.00 | 56.61 | 74.00 | -17.39 | 52.79 | 3.82 | Peak | 100 | 116 |
| <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> | | | | | | | | | |

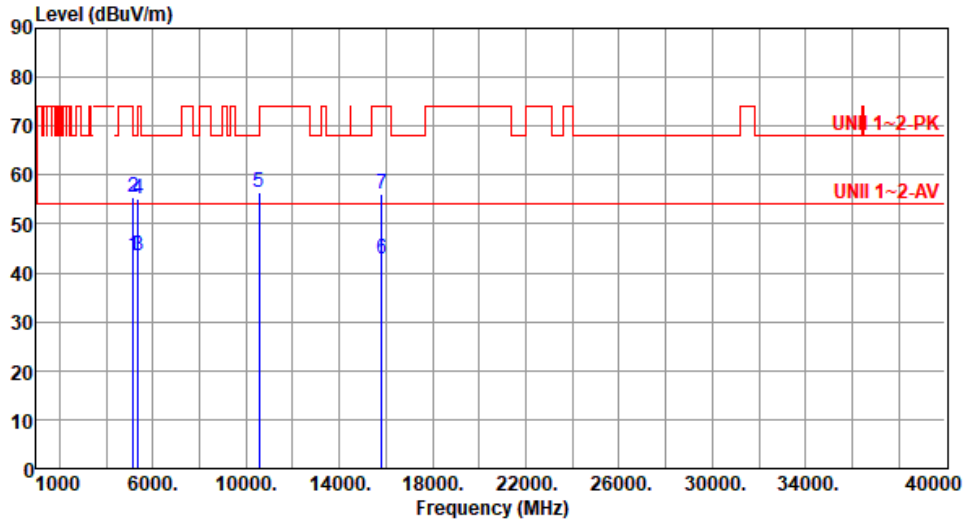


| | | | | | | | | | |
|---|------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40 | Test Freq. (MHz) | 5270 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 43.31 | 54.00 | -10.69 | 43.17 | 0.14 | Average | 276 | 227 |
| 2 | 5150.00 | 55.47 | 74.00 | -18.53 | 55.33 | 0.14 | Peak | 276 | 227 |
| 3 | 5350.00 | 43.07 | 54.00 | -10.93 | 43.36 | -0.29 | Average | 276 | 227 |
| 4 | 5350.00 | 55.43 | 74.00 | -18.57 | 55.72 | -0.29 | Peak | 276 | 227 |
| 5 | 10540.00 | 55.55 | 68.20 | -12.65 | 48.37 | 7.18 | Peak | 100 | 112 |
| 6 | 15810.00 | 42.75 | 54.00 | -11.25 | 38.85 | 3.90 | Average | 100 | 136 |
| 7 | 15810.00 | 55.86 | 74.00 | -18.14 | 51.96 | 3.90 | Peak | 100 | 136 |
| <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 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.42 | 54.00 | -10.58 | 43.28 | 0.14 | Average | 100 | 140 |
| 2 | 5150.00 | 55.34 | 74.00 | -18.66 | 55.20 | 0.14 | Peak | 100 | 140 |
| 3 | 5350.00 | 43.46 | 54.00 | -10.54 | 43.75 | -0.29 | Average | 100 | 140 |
| 4 | 5350.00 | 55.05 | 74.00 | -18.95 | 55.34 | -0.29 | Peak | 100 | 140 |
| 5 | 10540.00 | 56.29 | 68.20 | -11.91 | 49.11 | 7.18 | Peak | 100 | 311 |
| 6 | 15810.00 | 42.92 | 54.00 | -11.08 | 39.02 | 3.90 | Average | 100 | 224 |
| 7 | 15810.00 | 56.09 | 74.00 | -17.91 | 52.19 | 3.90 | Peak | 100 | 224 |

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

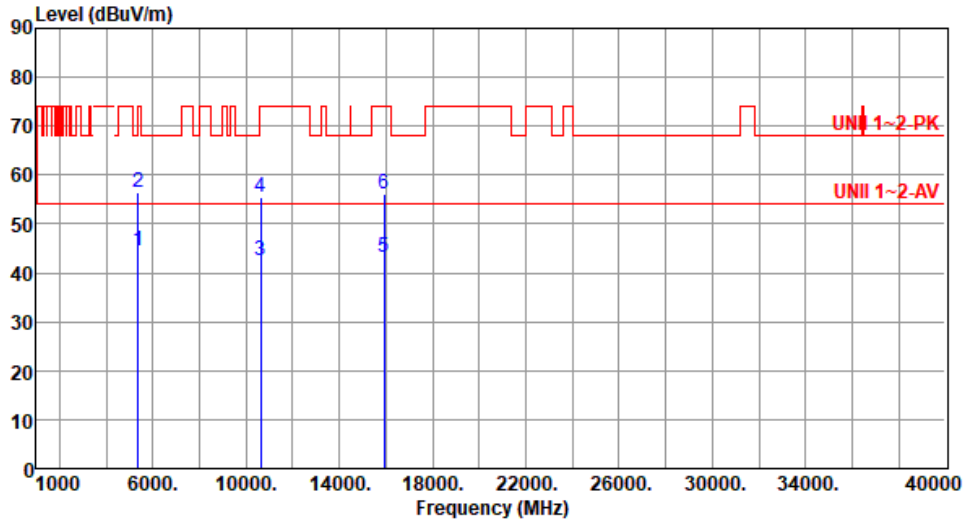
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 44.49 | 54.00 | -9.51 | 44.78 | -0.29 | Average | 200 | 238 |
| 2 | 5350.00 | 56.30 | 74.00 | -17.70 | 56.59 | -0.29 | Peak | 200 | 238 |
| 3 | 10620.00 | 42.42 | 54.00 | -11.58 | 35.27 | 7.15 | Average | 100 | 146 |
| 4 | 10620.00 | 55.33 | 74.00 | -18.67 | 48.18 | 7.15 | Peak | 100 | 146 |
| 5 | 15930.00 | 43.15 | 54.00 | -10.85 | 39.10 | 4.05 | Average | 100 | 219 |
| 6 | 15930.00 | 56.22 | 74.00 | -17.78 | 52.17 | 4.05 | Peak | 100 | 219 |

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

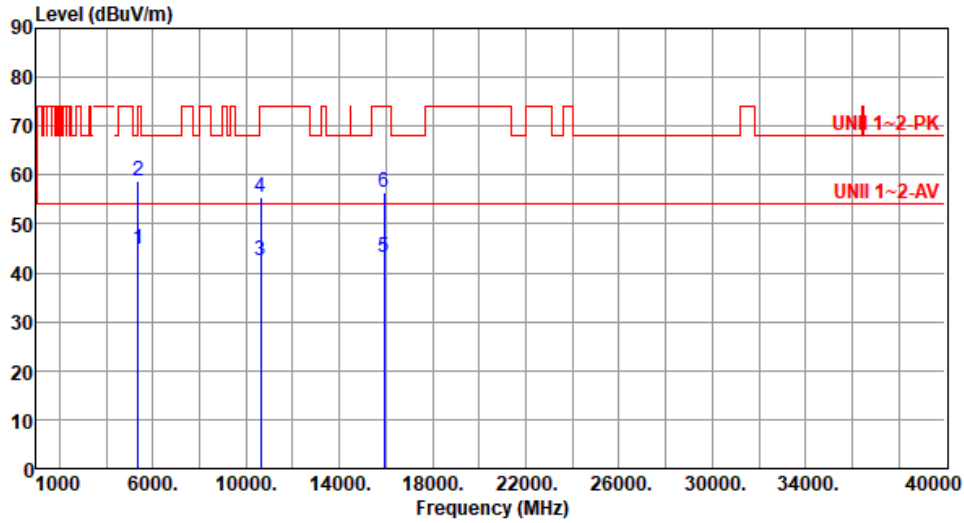
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 44.69 | 54.00 | -9.31 | 44.98 | -0.29 | Average | 100 | 141 |
| 2 | 5350.00 | 58.82 | 74.00 | -15.18 | 59.11 | -0.29 | Peak | 100 | 141 |
| 3 | 10620.00 | 42.59 | 54.00 | -11.41 | 35.44 | 7.15 | Average | 100 | 317 |
| 4 | 10620.00 | 55.56 | 74.00 | -18.44 | 48.41 | 7.15 | Peak | 100 | 317 |
| 5 | 15930.00 | 43.12 | 54.00 | -10.88 | 39.07 | 4.05 | Average | 100 | 172 |
| 6 | 15930.00 | 56.37 | 74.00 | -17.63 | 52.32 | 4.05 | Peak | 100 | 172 |

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

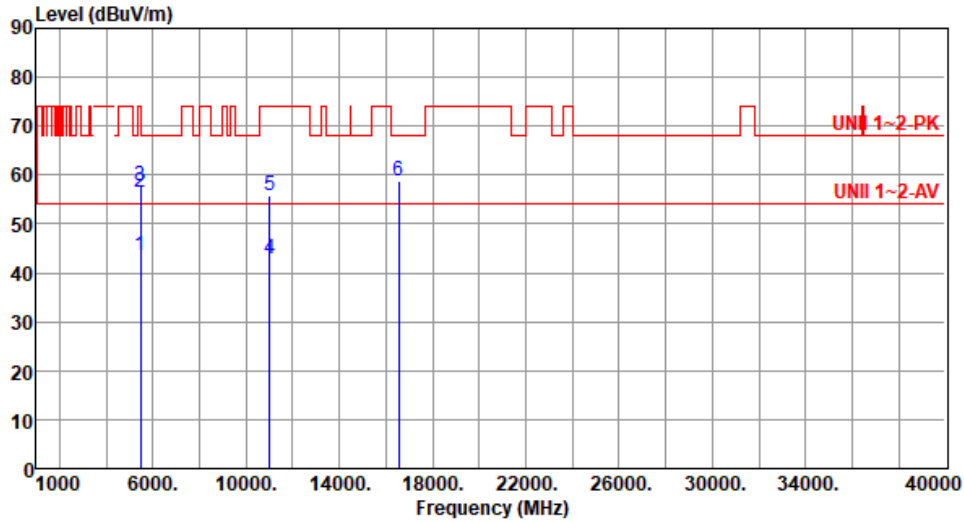
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.52 | 54.00 | -10.48 | 43.55 | -0.03 | Average | 248 | 253 |
| 2 | 5460.00 | 56.54 | 74.00 | -17.46 | 56.57 | -0.03 | Peak | 248 | 253 |
| 3 | 5470.00 | 57.64 | 68.20 | -10.56 | 57.65 | -0.01 | Peak | 248 | 253 |
| 4 | 11020.00 | 42.92 | 54.00 | -11.08 | 35.48 | 7.44 | Average | 100 | 147 |
| 5 | 11020.00 | 55.78 | 74.00 | -18.22 | 48.34 | 7.44 | Peak | 100 | 147 |
| 6 | 16530.00 | 58.79 | 68.20 | -9.41 | 52.81 | 5.98 | Peak | 100 | 343 |

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

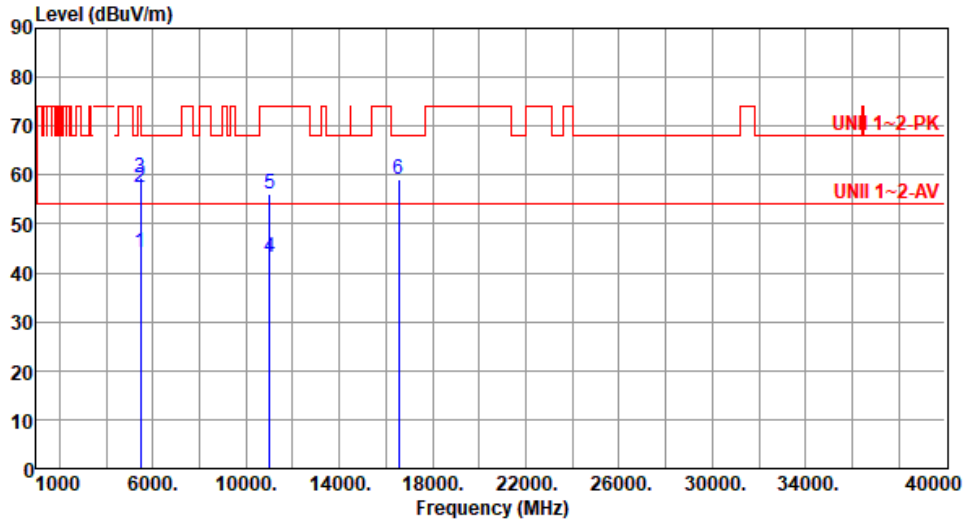
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Paul Lin Temperature(°C): 25 Humidity(%): 61



| | 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 | 44.16 | 54.00 | -9.84 | 44.19 | -0.03 | Average | 101 | 27 |
| 2 | 5460.00 | 57.60 | 74.00 | -16.40 | 57.63 | -0.03 | Peak | 101 | 27 |
| 3 | 5470.00 | 59.36 | 68.20 | -8.84 | 59.37 | -0.01 | Peak | 101 | 27 |
| 4 | 11020.00 | 43.10 | 54.00 | -10.90 | 35.66 | 7.44 | Average | 100 | 189 |
| 5 | 11020.00 | 56.19 | 74.00 | -17.81 | 48.75 | 7.44 | Peak | 100 | 189 |
| 6 | 16530.00 | 58.96 | 68.20 | -9.24 | 52.98 | 5.98 | Peak | 100 | 242 |

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

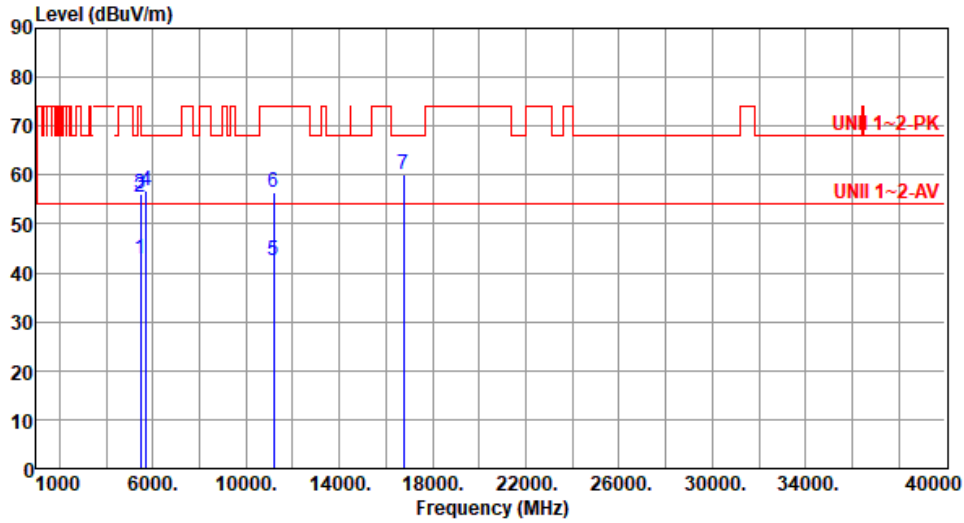
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 42.99 | 54.00 | -11.01 | 43.02 | -0.03 | Average | 248 | 283 |
| 2 | 5460.00 | 55.55 | 74.00 | -18.45 | 55.58 | -0.03 | Peak | 248 | 283 |
| 3 | 5470.00 | 56.12 | 68.20 | -12.08 | 56.13 | -0.01 | Peak | 248 | 283 |
| 4 | 5725.00 | 56.82 | 68.20 | -11.38 | 56.34 | 0.48 | Peak | 248 | 283 |
| 5 | 11180.00 | 42.64 | 54.00 | -11.36 | 35.82 | 6.82 | Average | 100 | 166 |
| 6 | 11180.00 | 56.49 | 74.00 | -17.51 | 49.67 | 6.82 | Peak | 100 | 166 |
| 7 | 16770.00 | 60.15 | 68.20 | -8.05 | 53.69 | 6.46 | Peak | 100 | 69 |

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).

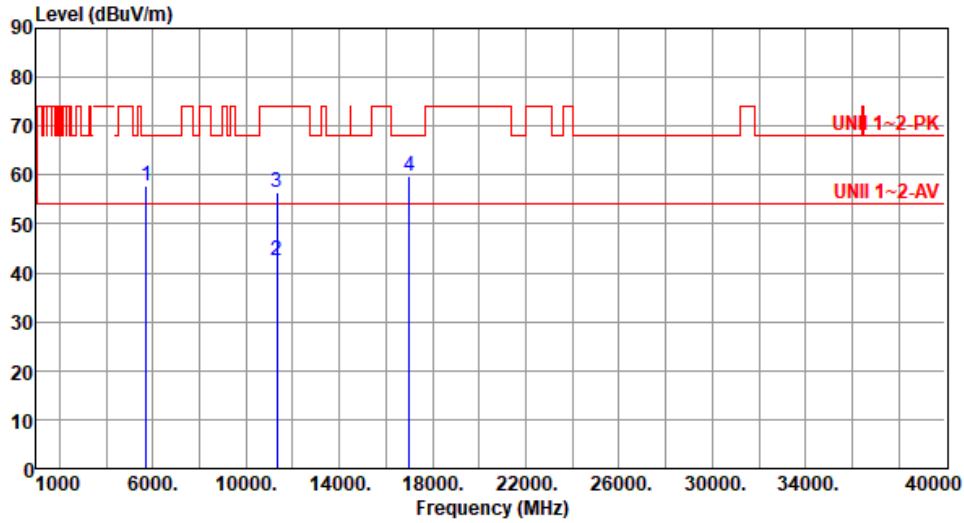


| | | | | | | | | | |
|---|----------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40 | Test Freq. (MHz) | 5590 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| <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 7. A red vertical line at approximately 35000 MHz is labeled UNII 1-2-PK.</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 | 43.28 | 54.00 | -10.72 | 43.31 | -0.03 | Average | 120 | 22 |
| 2 | 5460.00 | 55.29 | 74.00 | -18.71 | 55.32 | -0.03 | Peak | 120 | 22 |
| 3 | 5470.00 | 55.56 | 68.20 | -12.64 | 55.57 | -0.01 | Peak | 120 | 22 |
| 4 | 5725.00 | 56.65 | 68.20 | -11.55 | 56.17 | 0.48 | Peak | 120 | 22 |
| 5 | 11180.00 | 42.57 | 54.00 | -11.43 | 35.75 | 6.82 | Average | 100 | 131 |
| 6 | 11180.00 | 56.39 | 74.00 | -17.61 | 49.57 | 6.82 | Peak | 100 | 131 |
| 7 | 16770.00 | 60.13 | 68.20 | -8.07 | 53.67 | 6.46 | Peak | 100 | 173 |
| <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 | Test Freq. (MHz) | 5670 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 57.82 | 68.20 | -10.38 | 57.34 | 0.48 | Peak | 249 | 254 |
| 2 | 11340.00 | 42.53 | 54.00 | -11.47 | 35.67 | 6.86 | Average | 100 | 146 |
| 3 | 11340.00 | 56.48 | 74.00 | -17.52 | 49.62 | 6.86 | Peak | 100 | 146 |
| 4 | 17010.00 | 59.89 | 68.20 | -8.31 | 53.64 | 6.25 | Peak | 100 | 185 |

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

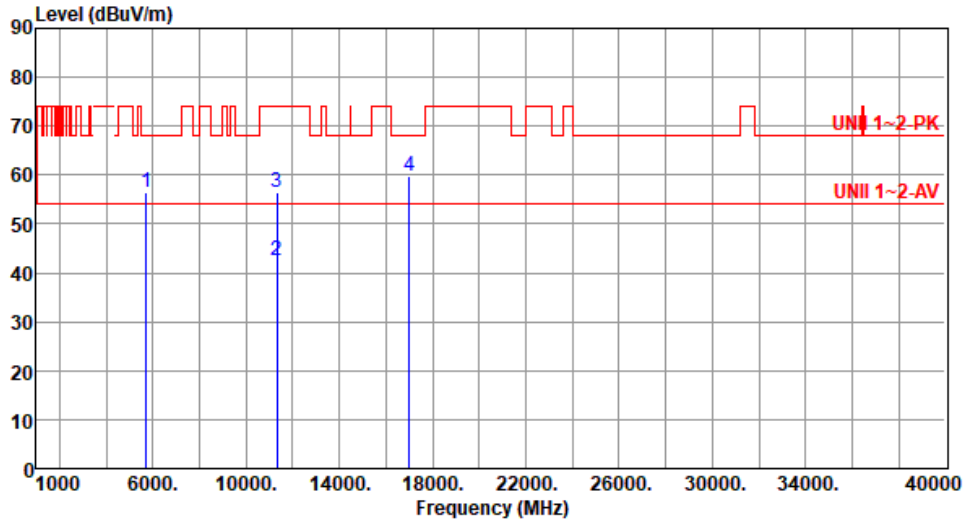
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.45 | 68.20 | -11.75 | 55.97 | 0.48 | Peak | 100 | 20 |
| 2 | 11340.00 | 42.59 | 54.00 | -11.41 | 35.73 | 6.86 | Average | 100 | 95 |
| 3 | 11340.00 | 56.44 | 74.00 | -17.56 | 49.58 | 6.86 | Peak | 100 | 95 |
| 4 | 17010.00 | 59.92 | 68.20 | -8.28 | 53.67 | 6.25 | Peak | 100 | 129 |

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).

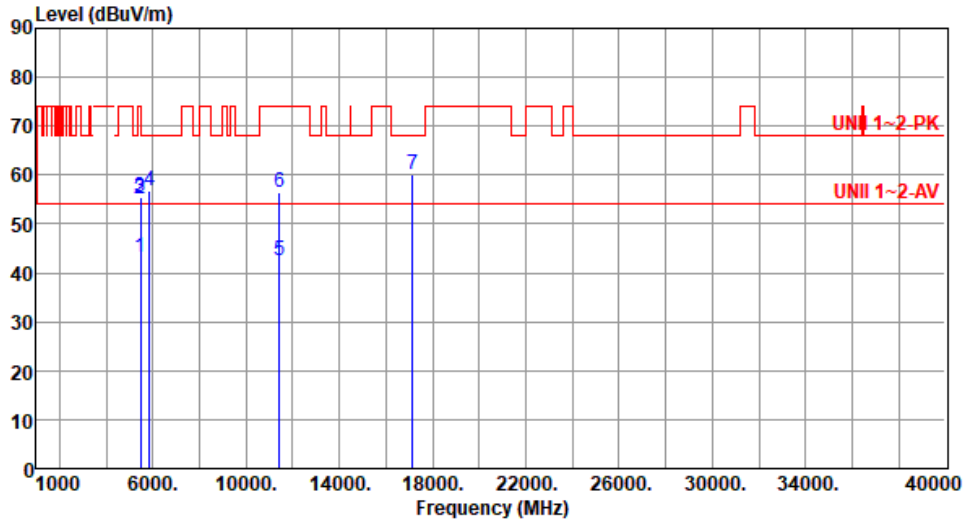


| | | | | | | | | | |
|--|------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40 | Test Freq. (MHz) | 5710 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| <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 70 dBuV/m and UNII 1~2-AV at approximately 55 dBuV/m. Several peaks 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 | 43.36 | 54.00 | -10.64 | 43.39 | -0.03 | Average | 239 | 248 |
| 2 | 5460.00 | 55.40 | 74.00 | -18.60 | 55.43 | -0.03 | Peak | 239 | 248 |
| 3 | 5470.00 | 55.63 | 68.20 | -12.57 | 55.64 | -0.01 | Peak | 239 | 248 |
| 4 | 5850.00 | 56.71 | 68.20 | -11.49 | 55.96 | 0.75 | Peak | 239 | 248 |
| 5 | 11420.00 | 42.66 | 54.00 | -11.34 | 35.60 | 7.06 | Average | 100 | 192 |
| 6 | 11420.00 | 56.17 | 74.00 | -17.83 | 49.11 | 7.06 | Peak | 100 | 192 |
| 7 | 17130.00 | 60.03 | 68.20 | -8.17 | 54.03 | 6.00 | Peak | 100 | 234 |
| <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 | Test Freq. (MHz) | 5710 |
| Polarization | Vertical | | |

Test By : Paul Lin Temperature(°C): 25 Humidity(%): 61



| | 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 | 43.25 | 54.00 | -10.75 | 43.28 | -0.03 | Average | 100 | 30 |
| 2 | 5460.00 | 55.15 | 74.00 | -18.85 | 55.18 | -0.03 | Peak | 100 | 30 |
| 3 | 5470.00 | 55.34 | 68.20 | -12.86 | 55.35 | -0.01 | Peak | 100 | 30 |
| 4 | 5850.00 | 56.87 | 68.20 | -11.33 | 56.12 | 0.75 | Peak | 100 | 30 |
| 5 | 11420.00 | 42.57 | 54.00 | -11.43 | 35.51 | 7.06 | Average | 100 | 161 |
| 6 | 11420.00 | 56.43 | 74.00 | -17.57 | 49.37 | 7.06 | Peak | 100 | 161 |
| 7 | 17130.00 | 59.98 | 68.20 | -8.22 | 53.98 | 6.00 | Peak | 100 | 105 |

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

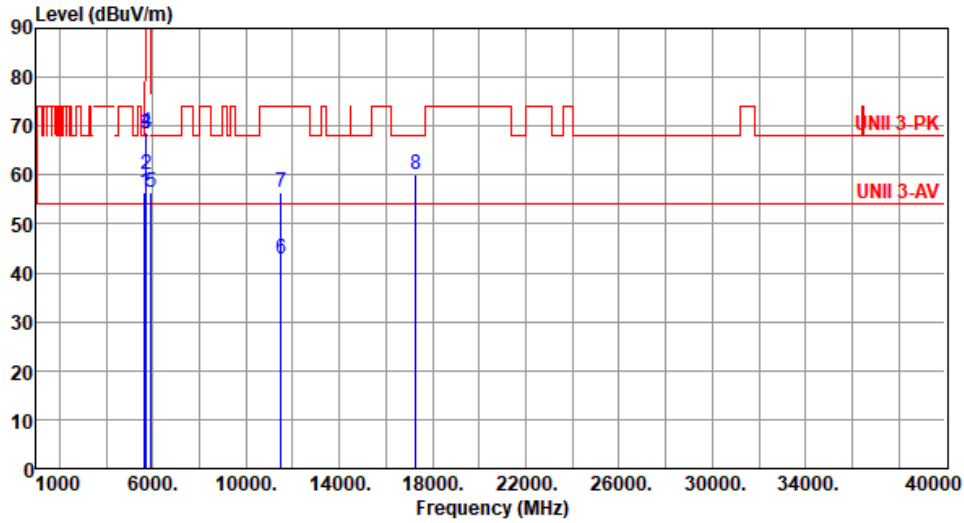
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.59 | 68.20 | -11.61 | 56.45 | 0.14 | Peak | 242 | 263 |
| 2 | 5700.00 | 60.26 | 105.20 | -44.94 | 59.90 | 0.36 | Peak | 242 | 263 |
| 3 | 5720.00 | 68.35 | 110.80 | -42.45 | 67.89 | 0.46 | Peak | 242 | 263 |
| 4 | 5725.00 | 68.67 | 122.20 | -53.53 | 68.19 | 0.48 | Peak | 242 | 263 |
| 5 | 5925.00 | 56.52 | 68.20 | -11.68 | 55.45 | 1.07 | Peak | 242 | 263 |
| 6 | 11510.00 | 42.89 | 54.00 | -11.11 | 35.74 | 7.15 | Average | 100 | 218 |
| 7 | 11510.00 | 56.61 | 74.00 | -17.39 | 49.46 | 7.15 | Peak | 100 | 218 |
| 8 | 17265.00 | 60.15 | 68.20 | -8.05 | 54.10 | 6.05 | Peak | 100 | 155 |

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).

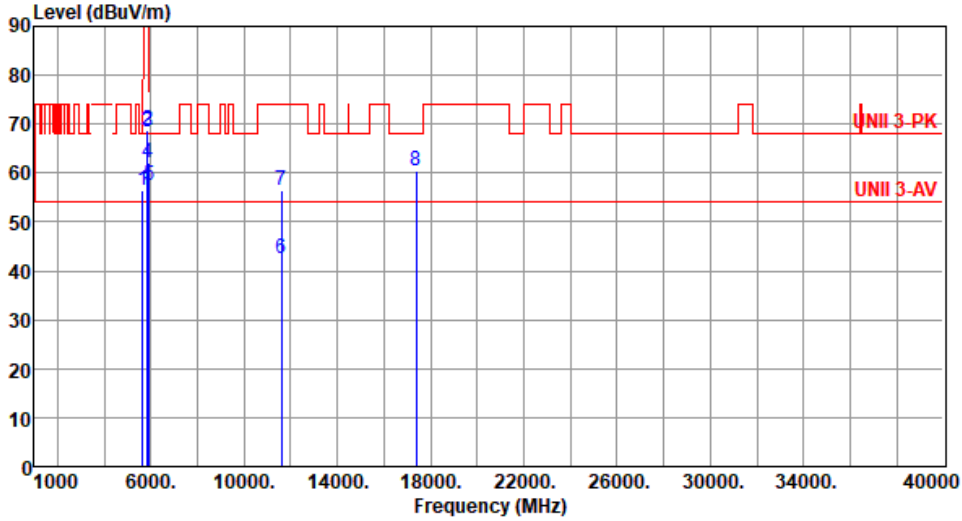


| | | | | | | | | | |
|---|----------|---------------------|-------------------------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE40 | | Test Freq. (MHz) | 5755 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 57.48 | 68.20 | -10.72 | 57.34 | 0.14 | Peak | 100 | 12 |
| 2 | 5700.00 | 62.49 | 105.20 | -42.71 | 62.13 | 0.36 | Peak | 100 | 12 |
| 3 | 5720.00 | 70.07 | 110.80 | -40.73 | 69.61 | 0.46 | Peak | 100 | 12 |
| 4 | 5725.00 | 71.44 | 122.20 | -50.76 | 70.96 | 0.48 | Peak | 100 | 12 |
| 5 | 5925.00 | 57.65 | 68.20 | -10.55 | 56.58 | 1.07 | Peak | 100 | 12 |
| 6 | 11510.00 | 43.00 | 54.00 | -11.00 | 35.85 | 7.15 | Average | 100 | 76 |
| 7 | 11510.00 | 56.42 | 74.00 | -17.58 | 49.27 | 7.15 | Peak | 100 | 76 |
| 8 | 17265.00 | 60.01 | 68.20 | -8.19 | 53.96 | 6.05 | Peak | 100 | 203 |
| <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 | Test Freq. (MHz) | 5795 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.60 | 68.20 | -11.60 | 56.46 | 0.14 | Peak | 253 | 267 |
| 2 | 5850.00 | 68.73 | 122.20 | -53.47 | 67.98 | 0.75 | Peak | 253 | 267 |
| 3 | 5855.00 | 68.54 | 110.80 | -42.26 | 67.76 | 0.78 | Peak | 253 | 267 |
| 4 | 5875.00 | 62.10 | 105.20 | -43.10 | 61.23 | 0.87 | Peak | 253 | 267 |
| 5 | 5925.00 | 57.56 | 68.20 | -10.64 | 56.49 | 1.07 | Peak | 253 | 267 |
| 6 | 11590.00 | 42.49 | 54.00 | -11.51 | 35.62 | 6.87 | Average | 100 | 148 |
| 7 | 11590.00 | 56.43 | 74.00 | -17.57 | 49.56 | 6.87 | Peak | 100 | 148 |
| 8 | 17385.00 | 60.51 | 68.20 | -7.69 | 54.18 | 6.33 | Peak | 100 | 209 |

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

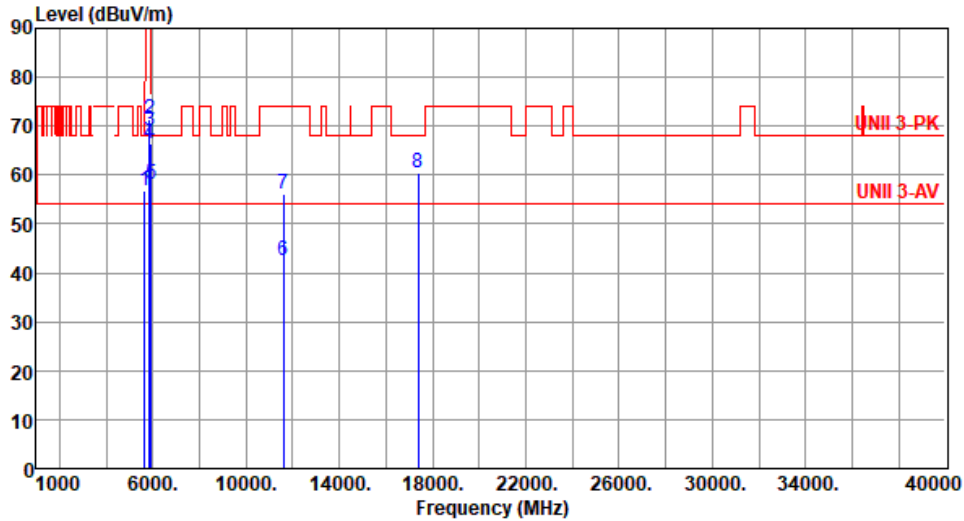
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.64 | 68.20 | -11.56 | 56.50 | 0.14 | Peak | 105 | 32 |
| 2 | 5850.00 | 71.53 | 122.20 | -50.67 | 70.78 | 0.75 | Peak | 105 | 32 |
| 3 | 5855.00 | 69.09 | 110.80 | -41.71 | 68.31 | 0.78 | Peak | 105 | 32 |
| 4 | 5875.00 | 66.26 | 105.20 | -38.94 | 65.39 | 0.87 | Peak | 105 | 32 |
| 5 | 5925.00 | 58.01 | 68.20 | -10.19 | 56.94 | 1.07 | Peak | 105 | 32 |
| 6 | 11590.00 | 42.59 | 54.00 | -11.41 | 35.72 | 6.87 | Average | 100 | 331 |
| 7 | 11590.00 | 56.12 | 74.00 | -17.88 | 49.25 | 6.87 | Peak | 100 | 331 |
| 8 | 17385.00 | 60.51 | 68.20 | -7.69 | 54.18 | 6.33 | Peak | 100 | 271 |

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

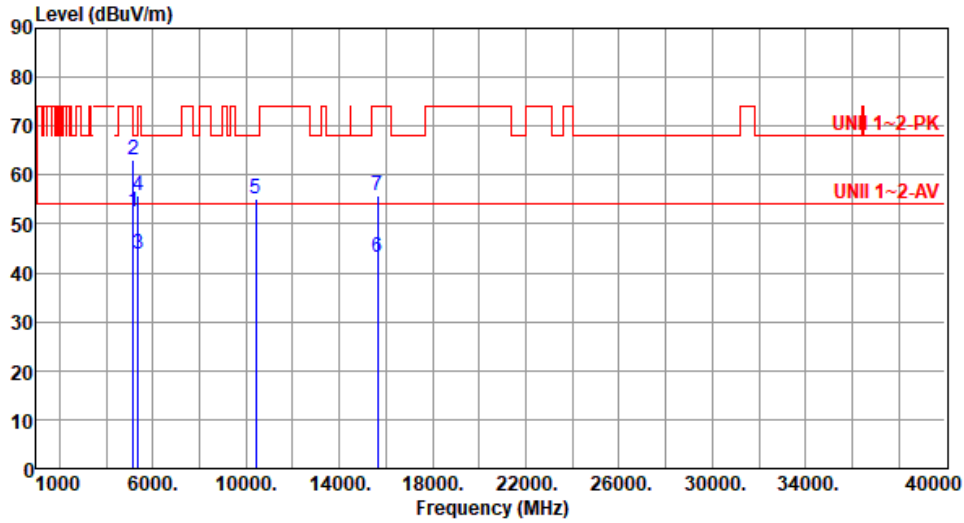
| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80 | Test Freq. (MHz) | 5210 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| | | | | | | | | | |
| | 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 | 50.79 | 54.00 | -3.21 | 50.65 | 0.14 | Average | 128 | 225 |
| 2 | 5150.00 | 61.52 | 74.00 | -12.48 | 61.38 | 0.14 | Peak | 128 | 225 |
| 3 | 5350.00 | 43.30 | 54.00 | -10.70 | 43.59 | -0.29 | Average | 128 | 225 |
| 4 | 5350.00 | 55.82 | 74.00 | -18.18 | 56.11 | -0.29 | Peak | 128 | 225 |
| 5 | 10420.00 | 55.00 | 68.20 | -13.20 | 47.87 | 7.13 | Peak | 100 | 122 |
| 6 | 15630.00 | 42.96 | 54.00 | -11.04 | 39.13 | 3.83 | Average | 100 | 213 |
| 7 | 15630.00 | 55.49 | 74.00 | -18.51 | 51.66 | 3.83 | Peak | 100 | 213 |

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 | Test Freq. (MHz) | 5210 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 52.35 | 54.00 | -1.65 | 52.21 | 0.14 | Average | 100 | 141 |
| 2 | 5150.00 | 63.12 | 74.00 | -10.88 | 62.98 | 0.14 | Peak | 100 | 141 |
| 3 | 5350.00 | 43.97 | 54.00 | -10.03 | 44.26 | -0.29 | Average | 100 | 141 |
| 4 | 5350.00 | 55.89 | 74.00 | -18.11 | 56.18 | -0.29 | Peak | 100 | 141 |
| 5 | 10420.00 | 55.24 | 68.20 | -12.96 | 48.11 | 7.13 | Peak | 100 | 153 |
| 6 | 15630.00 | 43.08 | 54.00 | -10.92 | 39.25 | 3.83 | Average | 100 | 317 |
| 7 | 15630.00 | 55.85 | 74.00 | -18.15 | 52.02 | 3.83 | Peak | 100 | 317 |

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

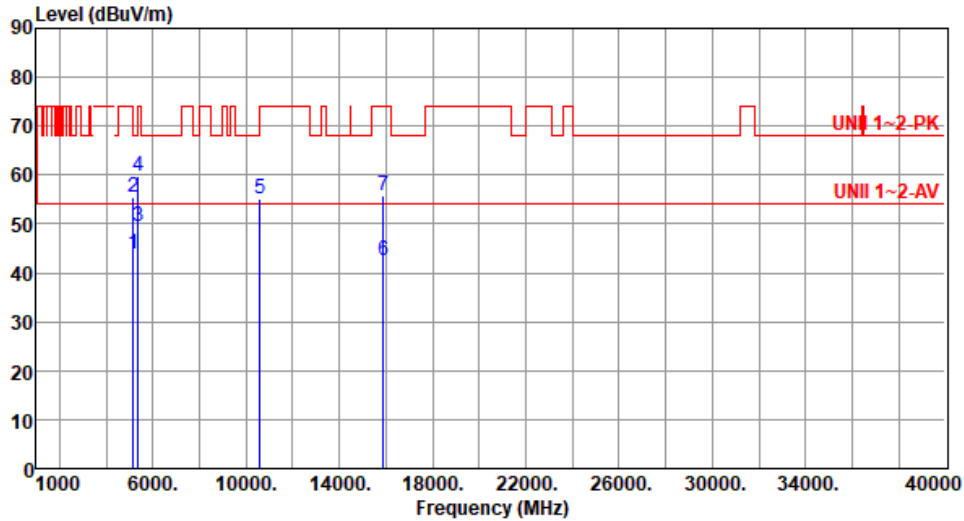
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.70 | 54.00 | -10.30 | 43.56 | 0.14 | Average | 233 | 274 |
| 2 | 5150.00 | 55.47 | 74.00 | -18.53 | 55.33 | 0.14 | Peak | 233 | 274 |
| 3 | 5350.00 | 49.32 | 54.00 | -4.68 | 49.61 | -0.29 | Average | 233 | 274 |
| 4 | 5350.00 | 59.82 | 74.00 | -14.18 | 60.11 | -0.29 | Peak | 233 | 274 |
| 5 | 10580.00 | 55.06 | 68.20 | -13.14 | 47.88 | 7.18 | Peak | 100 | 217 |
| 6 | 15870.00 | 42.64 | 54.00 | -11.36 | 38.63 | 4.01 | Average | 100 | 103 |
| 7 | 15870.00 | 55.92 | 74.00 | -18.08 | 51.91 | 4.01 | Peak | 100 | 103 |

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

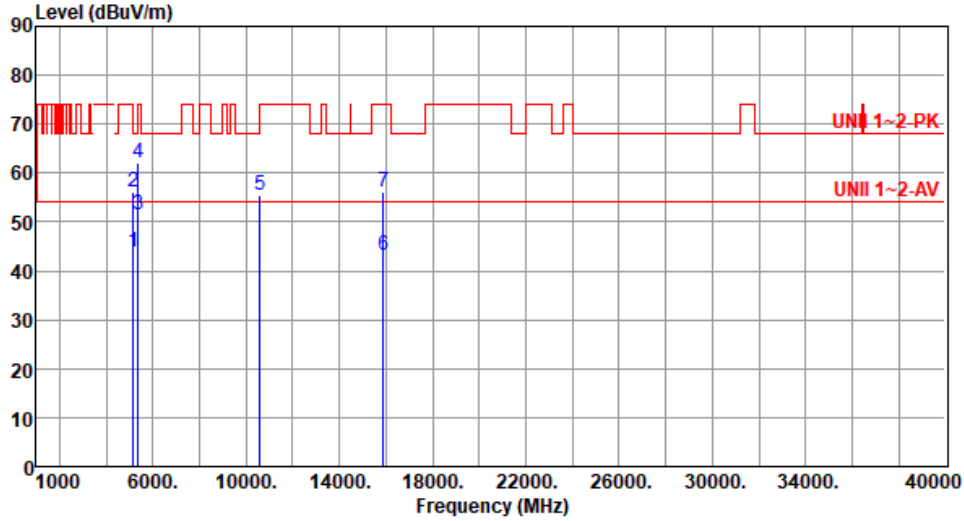
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.95 | 54.00 | -10.05 | 43.81 | 0.14 | Average | 106 | 141 |
| 2 | 5150.00 | 56.01 | 74.00 | -17.99 | 55.87 | 0.14 | Peak | 106 | 141 |
| 3 | 5350.00 | 51.40 | 54.00 | -2.60 | 51.69 | -0.29 | Average | 106 | 141 |
| 4 | 5350.00 | 62.25 | 74.00 | -11.75 | 62.54 | -0.29 | Peak | 106 | 141 |
| 5 | 10580.00 | 55.44 | 68.20 | -12.76 | 48.26 | 7.18 | Peak | 100 | 57 |
| 6 | 15870.00 | 43.10 | 54.00 | -10.90 | 39.09 | 4.01 | Average | 100 | 183 |
| 7 | 15870.00 | 56.23 | 74.00 | -17.77 | 52.22 | 4.01 | Peak | 100 | 183 |

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

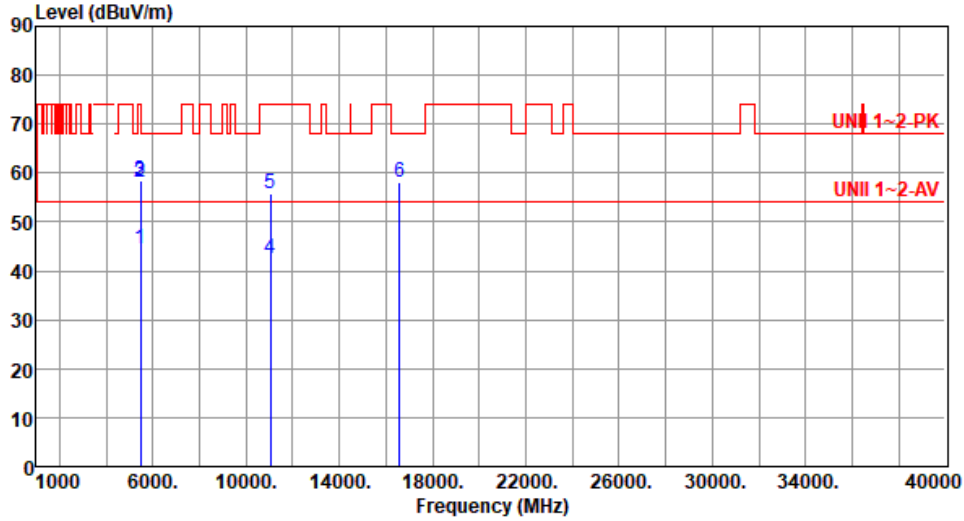
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By : Paul Lin Temperature(°C): 25 Humidity(%): 61



| | 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 | 44.65 | 54.00 | -9.35 | 44.68 | -0.03 | Average | 248 | 281 |
| 2 | 5460.00 | 58.16 | 74.00 | -15.84 | 58.19 | -0.03 | Peak | 248 | 281 |
| 3 | 5470.00 | 58.36 | 68.20 | -9.84 | 58.37 | -0.01 | Peak | 248 | 281 |
| 4 | 11060.00 | 42.46 | 54.00 | -11.54 | 35.11 | 7.35 | Average | 100 | 281 |
| 5 | 11060.00 | 55.87 | 74.00 | -18.13 | 48.52 | 7.35 | Peak | 100 | 281 |
| 6 | 16590.00 | 58.17 | 68.20 | -10.03 | 52.22 | 5.95 | Peak | 100 | 133 |

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

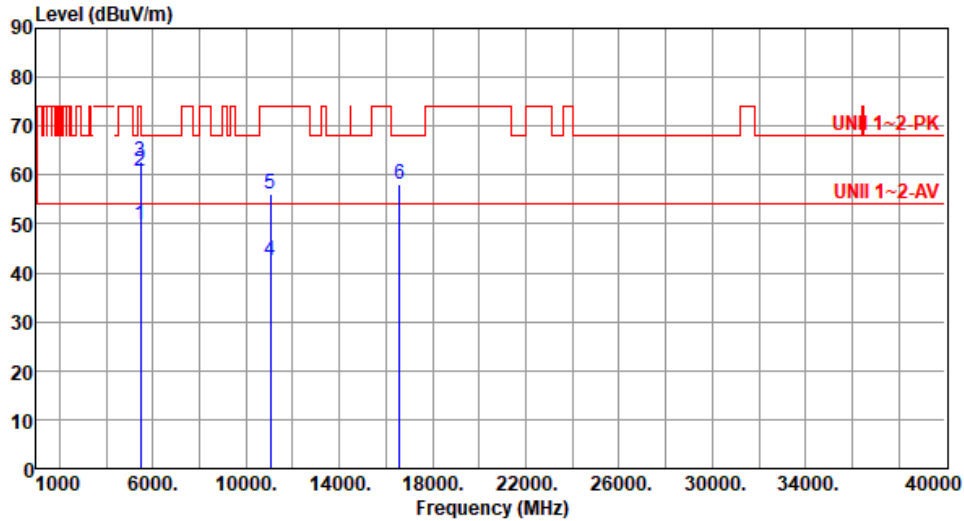
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 49.76 | 54.00 | -4.24 | 49.79 | -0.03 | Average | 119 | 152 |
| 2 | 5460.00 | 60.63 | 74.00 | -13.37 | 60.66 | -0.03 | Peak | 119 | 152 |
| 3 | 5470.00 | 62.87 | 68.20 | -5.33 | 62.88 | -0.01 | Peak | 119 | 152 |
| 4 | 11060.00 | 42.65 | 54.00 | -11.35 | 35.30 | 7.35 | Average | 100 | 108 |
| 5 | 11060.00 | 56.01 | 74.00 | -17.99 | 48.66 | 7.35 | Peak | 100 | 108 |
| 6 | 16590.00 | 58.08 | 68.20 | -10.12 | 52.13 | 5.95 | Peak | 100 | 224 |

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

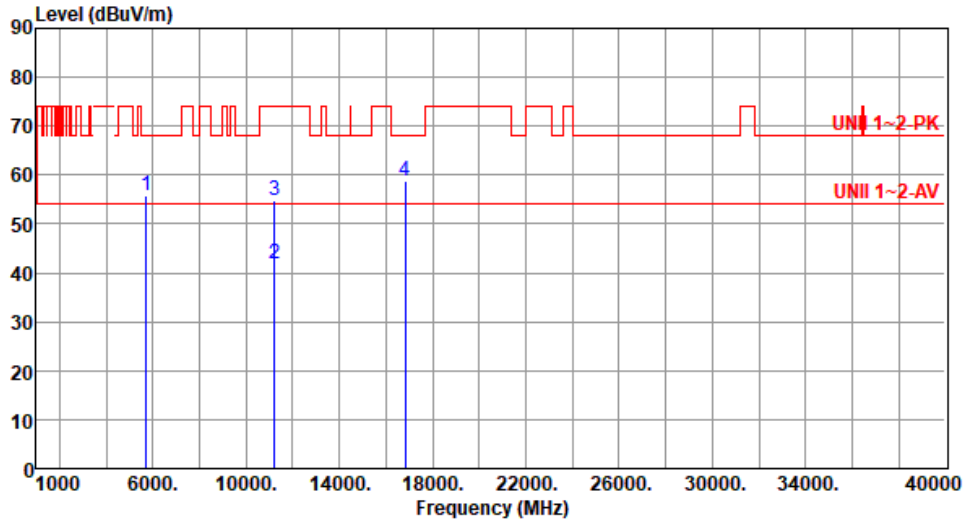
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 55.84 | 68.20 | -12.36 | 55.36 | 0.48 | Peak | 284 | 277 |
| 2 | 11220.00 | 41.93 | 54.00 | -12.07 | 35.21 | 6.72 | Average | 100 | 143 |
| 3 | 11220.00 | 54.87 | 74.00 | -19.13 | 48.15 | 6.72 | Peak | 100 | 143 |
| 4 | 16830.00 | 58.76 | 68.20 | -9.44 | 52.11 | 6.65 | Peak | 100 | 106 |

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

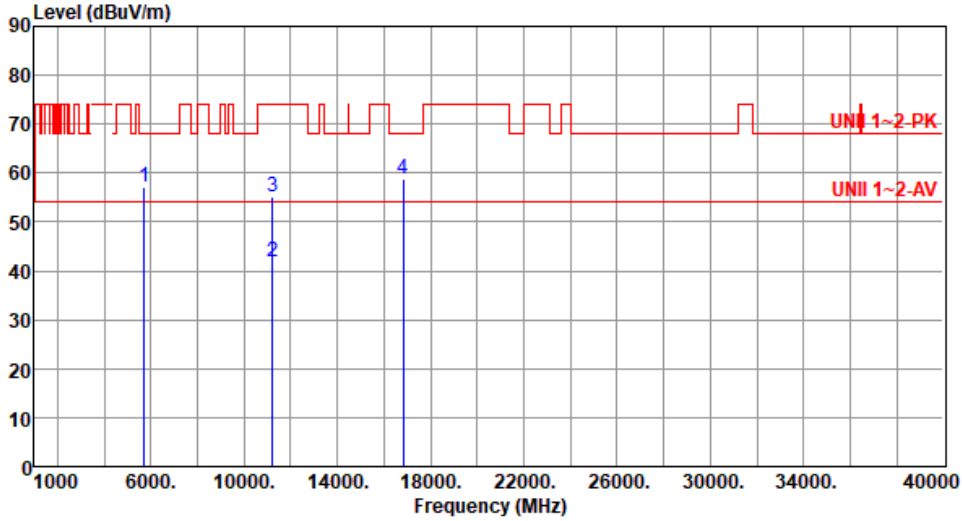
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 56.96 | 68.20 | -11.24 | 56.48 | 0.48 | Peak | 100 | 23 |
| 2 | 11220.00 | 41.90 | 54.00 | -12.10 | 35.18 | 6.72 | Average | 100 | 116 |
| 3 | 11220.00 | 55.09 | 74.00 | -18.91 | 48.37 | 6.72 | Peak | 100 | 116 |
| 4 | 16830.00 | 58.94 | 68.20 | -9.26 | 52.29 | 6.65 | Peak | 100 | 111 |

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

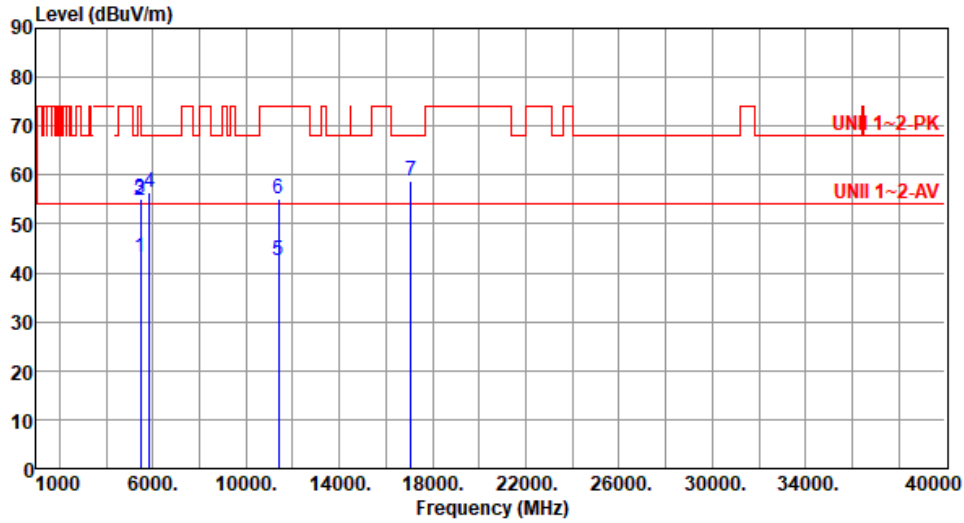
*Factor includes antenna factor , cable loss and amplifier gain

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



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 43.33 | 54.00 | -10.67 | 43.36 | -0.03 | Average | 248 | 281 |
| 2 | 5460.00 | 54.94 | 74.00 | -19.06 | 54.97 | -0.03 | Peak | 248 | 281 |
| 3 | 5470.00 | 55.18 | 68.20 | -13.02 | 55.19 | -0.01 | Peak | 248 | 281 |
| 4 | 5850.00 | 56.50 | 68.20 | -11.70 | 55.75 | 0.75 | Peak | 248 | 281 |
| 5 | 11380.00 | 42.35 | 54.00 | -11.65 | 35.38 | 6.97 | Average | 100 | 221 |
| 6 | 11380.00 | 55.13 | 74.00 | -18.87 | 48.16 | 6.97 | Peak | 100 | 221 |
| 7 | 17070.00 | 58.73 | 68.20 | -9.47 | 52.68 | 6.05 | Peak | 100 | 308 |

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 | Test Freq. (MHz) | 5690 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| <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 1 through 7, corresponding to the data points in the table below.</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 | 43.38 | 54.00 | -10.62 | 43.41 | -0.03 | Average | 100 | 27 |
| 2 | 5460.00 | 55.34 | 74.00 | -18.66 | 55.37 | -0.03 | Peak | 100 | 27 |
| 3 | 5470.00 | 55.68 | 68.20 | -12.52 | 55.69 | -0.01 | Peak | 100 | 27 |
| 4 | 5850.00 | 57.49 | 68.20 | -10.71 | 56.74 | 0.75 | Peak | 100 | 27 |
| 5 | 11380.00 | 42.31 | 54.00 | -11.69 | 35.34 | 6.97 | Average | 100 | 126 |
| 6 | 11380.00 | 55.63 | 74.00 | -18.37 | 48.66 | 6.97 | Peak | 100 | 126 |
| 7 | 17070.00 | 58.52 | 68.20 | -9.68 | 52.47 | 6.05 | Peak | 100 | 233 |
| <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> | | | | | | | | | |

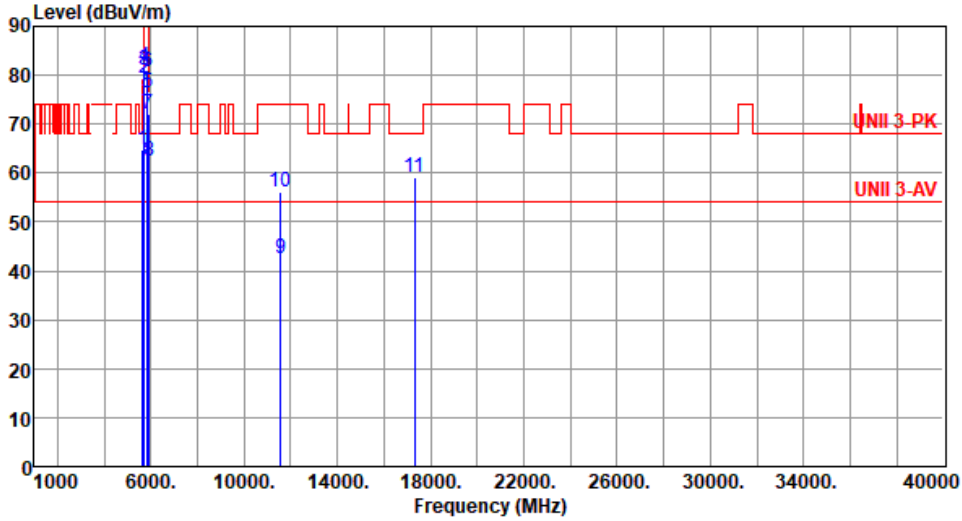


| | | | | | | | | | |
|---|------------|---------------------|-------------------------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE80 | | Test Freq. (MHz) | 5775 | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 62.47 | 68.20 | -5.73 | 62.33 | 0.14 | Peak | 249 | 274 |
| 2 | 5700.00 | 76.10 | 105.20 | -29.10 | 75.74 | 0.36 | Peak | 249 | 274 |
| 3 | 5720.00 | 79.31 | 110.80 | -31.49 | 78.85 | 0.46 | Peak | 249 | 274 |
| 4 | 5725.00 | 78.33 | 122.20 | -43.87 | 77.85 | 0.48 | Peak | 249 | 274 |
| 5 | 5850.00 | 80.37 | 122.20 | -41.83 | 79.62 | 0.75 | Peak | 249 | 274 |
| 6 | 5855.00 | 77.74 | 110.80 | -33.06 | 76.96 | 0.78 | Peak | 249 | 274 |
| 7 | 5875.00 | 73.18 | 105.20 | -32.02 | 72.31 | 0.87 | Peak | 249 | 274 |
| 8 | 5925.00 | 60.84 | 68.20 | -7.36 | 59.77 | 1.07 | Peak | 249 | 274 |
| 9 | 11550.00 | 42.23 | 54.00 | -11.77 | 35.22 | 7.01 | Average | 100 | 218 |
| 10 | 11550.00 | 55.61 | 74.00 | -18.39 | 48.60 | 7.01 | Peak | 100 | 218 |
| 11 | 17325.00 | 58.99 | 68.20 | -9.21 | 52.89 | 6.10 | Peak | 100 | 104 |
| <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 | Test Freq. (MHz) | 5775 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 64.64 | 68.20 | -3.56 | 64.50 | 0.14 | Peak | 100 | 32 |
| 2 | 5700.00 | 79.39 | 105.20 | -25.81 | 79.03 | 0.36 | Peak | 100 | 32 |
| 3 | 5720.00 | 80.90 | 110.80 | -29.90 | 80.44 | 0.46 | Peak | 100 | 32 |
| 4 | 5725.00 | 81.79 | 122.20 | -40.41 | 81.31 | 0.48 | Peak | 100 | 32 |
| 5 | 5850.00 | 76.52 | 122.20 | -45.68 | 75.77 | 0.75 | Peak | 100 | 32 |
| 6 | 5855.00 | 80.74 | 110.80 | -30.06 | 79.96 | 0.78 | Peak | 100 | 32 |
| 7 | 5875.00 | 72.09 | 105.20 | -33.11 | 71.22 | 0.87 | Peak | 100 | 32 |
| 8 | 5925.00 | 62.34 | 68.20 | -5.86 | 61.27 | 1.07 | Peak | 100 | 32 |
| 9 | 11550.00 | 42.38 | 54.00 | -11.62 | 35.37 | 7.01 | Average | 100 | 117 |
| 10 | 11550.00 | 56.22 | 74.00 | -17.78 | 49.21 | 7.01 | Peak | 100 | 117 |
| 11 | 17325.00 | 59.08 | 68.20 | -9.12 | 52.98 | 6.10 | Peak | 100 | 248 |

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

| | | | | | | | | | |
|---|------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE160 | Test Freq. (MHz) | 5250 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| | | | | | | | | | |
| | 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 | 48.01 | 54.00 | -5.99 | 47.87 | 0.14 | Average | 283 | 235 |
| 2 | 5150.00 | 57.94 | 74.00 | -16.06 | 57.80 | 0.14 | Peak | 283 | 235 |
| 3 | 5350.00 | 50.97 | 54.00 | -3.03 | 51.26 | -0.29 | Average | 283 | 235 |
| 4 | 5350.00 | 62.66 | 74.00 | -11.34 | 62.95 | -0.29 | Peak | 283 | 235 |
| 5 | 10500.00 | 54.60 | 68.20 | -13.60 | 47.41 | 7.19 | Peak | 100 | 66 |
| 6 | 15750.00 | 42.63 | 54.00 | -11.37 | 38.78 | 3.85 | Average | 100 | 186 |
| 7 | 15750.00 | 55.27 | 74.00 | -18.73 | 51.42 | 3.85 | Peak | 100 | 186 |

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).

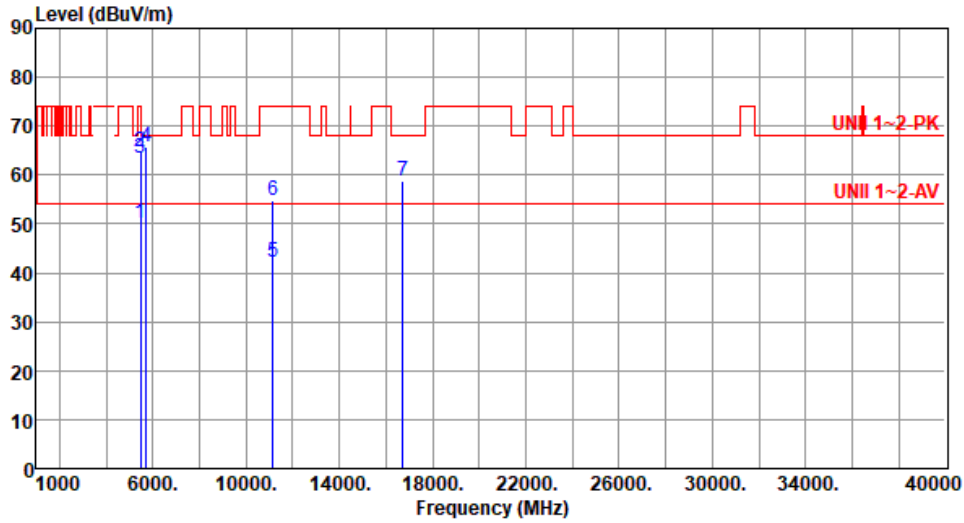


| | | | | | | | | | |
|---|----------|---------------------|-------------------------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE160 | | Test Freq. (MHz) | 5250 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 25 | | Humidity(%): 61 | | | | | |
| | | | | | | | | | |
| | 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 | 48.36 | 54.00 | -5.64 | 48.22 | 0.14 | Average | 100 | 15 |
| 2 | 5150.00 | 61.97 | 74.00 | -12.03 | 61.83 | 0.14 | Peak | 100 | 15 |
| 3 | 5350.00 | 52.39 | 54.00 | -1.61 | 52.68 | -0.29 | Average | 100 | 15 |
| 4 | 5350.00 | 63.35 | 74.00 | -10.65 | 63.64 | -0.29 | Peak | 100 | 15 |
| 5 | 10500.00 | 55.02 | 68.20 | -13.18 | 47.83 | 7.19 | Peak | 100 | 108 |
| 6 | 15750.00 | 42.61 | 54.00 | -11.39 | 38.76 | 3.85 | Average | 100 | 122 |
| 7 | 15750.00 | 55.48 | 74.00 | -18.52 | 51.63 | 3.85 | Peak | 100 | 122 |
| <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 HE160 | Test Freq. (MHz) | 5570 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):25 Humidity(%):61



| | 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 | 50.30 | 54.00 | -3.70 | 50.33 | -0.03 | Average | 257 | 278 |
| 2 | 5460.00 | 64.81 | 74.00 | -9.19 | 64.84 | -0.03 | Peak | 257 | 278 |
| 3 | 5470.00 | 63.34 | 68.20 | -4.86 | 63.35 | -0.01 | Peak | 257 | 278 |
| 4 | 5725.00 | 65.83 | 68.20 | -2.37 | 65.35 | 0.48 | Peak | 257 | 278 |
| 5 | 11140.00 | 42.15 | 54.00 | -11.85 | 35.12 | 7.03 | Average | 100 | 268 |
| 6 | 11140.00 | 54.72 | 74.00 | -19.28 | 47.69 | 7.03 | Peak | 100 | 268 |
| 7 | 16710.00 | 58.72 | 68.20 | -9.48 | 52.48 | 6.24 | 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 | | Test Freq. (MHz) | 5570 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | | Temperature(°C): 25 | | | Humidity(%): 61 | | | |
| | | | | | | | | | |
| | 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 | 51.58 | 54.00 | -2.42 | 51.61 | -0.03 | Average | 107 | 20 |
| 2 | 5460.00 | 64.01 | 74.00 | -9.99 | 64.04 | -0.03 | Peak | 107 | 20 |
| 3 | 5470.00 | 62.64 | 68.20 | -5.56 | 62.65 | -0.01 | Peak | 107 | 20 |
| 4 | 5725.00 | 62.77 | 68.20 | -5.43 | 62.29 | 0.48 | Peak | 107 | 20 |
| 5 | 11140.00 | 42.14 | 54.00 | -11.86 | 35.11 | 7.03 | Average | 100 | 168 |
| 6 | 11140.00 | 55.72 | 74.00 | -18.28 | 48.69 | 7.03 | Peak | 100 | 168 |
| 7 | 16710.00 | 59.03 | 68.20 | -9.17 | 52.79 | 6.24 | Peak | 100 | 221 |

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 | -0.01 | 0.70 | 0.06 | -0.05 |
| T20°CVmin | -0.47 | -0.05 | -0.37 | -0.05 |
| T50°CVnom | 0.05 | 0.38 | 0.58 | 0.28 |
| T40°CVnom | -0.17 | 0.20 | -0.25 | -0.40 |
| T30°CVnom | -0.77 | -0.88 | -0.28 | -0.69 |
| T20°CVnom | -1.25 | -1.14 | -0.72 | -1.46 |
| T10°CVnom | 2.59 | 2.67 | 2.80 | 3.07 |
| T0°CVnom | 4.97 | 5.17 | 5.32 | 4.94 |
| T-10°CVnom | 7.15 | 7.36 | 7.75 | 7.12 |
| T-20°CVnom | 9.13 | 8.98 | 9.66 | 9.17 |
| T-30°CVnom | 8.45 | 8.51 | 8.75 | 8.48 |
| 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 | 0.63 | 0.21 | 1.18 | 0.88 |
| T20°CVmin | 0.45 | 0.16 | 0.83 | 0.86 |
| T50°CVnom | -0.94 | -0.96 | -0.87 | -0.85 |
| T40°CVnom | -1.20 | -1.17 | -0.60 | -0.84 |
| T30°CVnom | 0.13 | 0.03 | 0.54 | 0.17 |
| T20°CVnom | 0.43 | 0.15 | 0.81 | 0.83 |
| T10°CVnom | 2.34 | 2.24 | 2.77 | 2.21 |
| T0°CVnom | 5.11 | 5.17 | 5.27 | 5.06 |
| T-10°CVnom | 6.84 | 6.72 | 6.76 | 6.84 |
| T-20°CVnom | 8.65 | 8.84 | 8.75 | 8.49 |
| T-30°CVnom | 7.71 | 8.21 | 7.34 | 8.02 |
| Vnom [V]: 120 | Vmax [V]: 138 | | Vmin [V]: 102 | |
| Tnom [°C]: 20 | Tmax [°C]: 50 | | Tmin [°C]: -30 | |

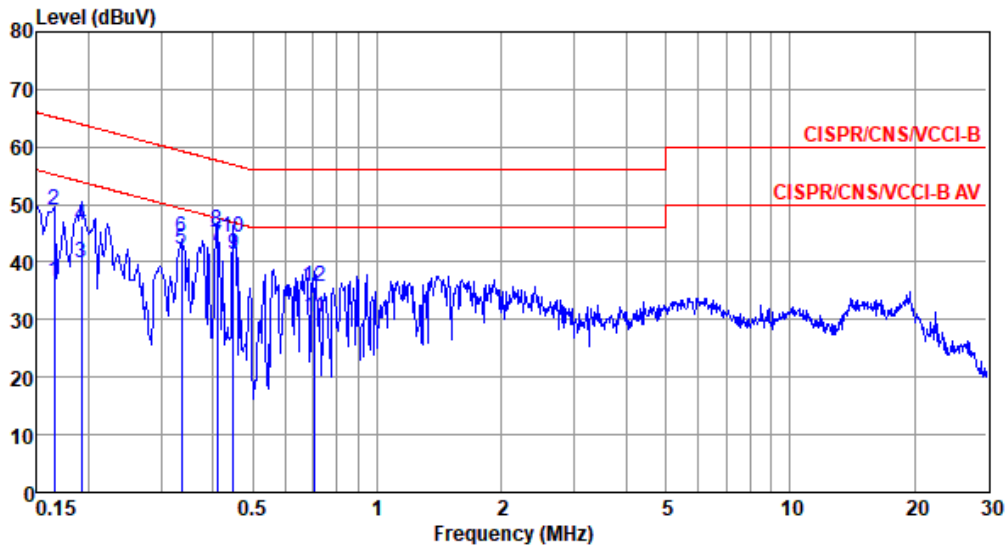


Non-beamforming mode

Test configuration 1: Without SFP, model: SDG-8612

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

Test by : Joe Liao Temperature: 22°C Humidity: 62%



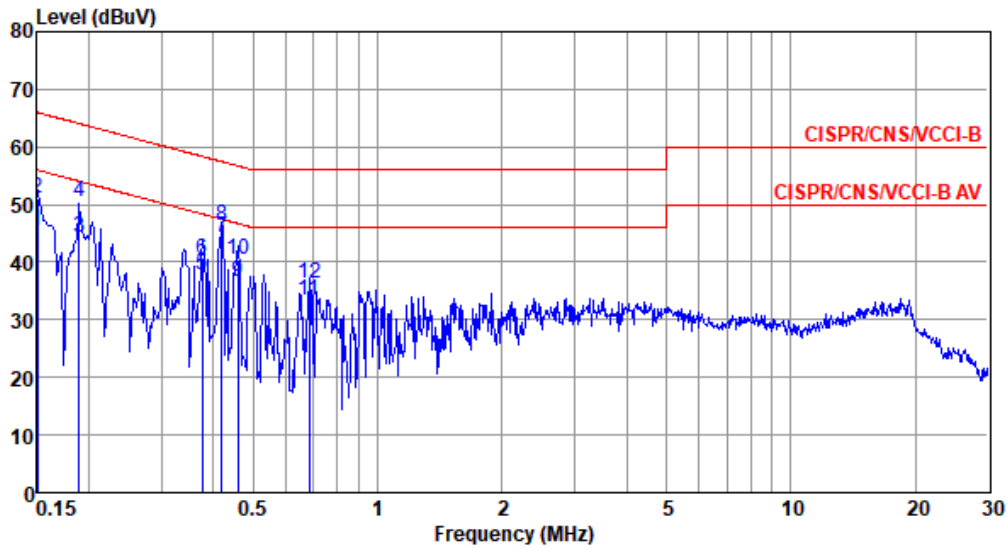
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.165 | 36.56 | 55.21 | -18.65 | 26.73 | 9.59 | 0.06 | 0.18 | Average |
| 2 | 0.165 | 49.05 | 65.21 | -16.16 | 39.22 | 9.59 | 0.06 | 0.18 | QP |
| 3 | 0.192 | 39.87 | 53.93 | -14.06 | 30.03 | 9.59 | 0.06 | 0.19 | Average |
| 4 | 0.192 | 46.40 | 63.93 | -17.53 | 36.56 | 9.59 | 0.06 | 0.19 | QP |
| 5 | 0.336 | 42.32 | 49.31 | -6.99 | 32.40 | 9.59 | 0.06 | 0.27 | Average |
| 6 | 0.336 | 44.17 | 59.31 | -15.14 | 34.25 | 9.59 | 0.06 | 0.27 | QP |
| 7* | 0.410 | 42.78 | 47.64 | -4.86 | 32.83 | 9.59 | 0.06 | 0.30 | Average |
| 8 | 0.410 | 45.34 | 57.64 | -12.30 | 35.39 | 9.59 | 0.06 | 0.30 | QP |
| 9 | 0.449 | 41.40 | 46.89 | -5.49 | 31.44 | 9.59 | 0.07 | 0.30 | Average |
| 10 | 0.449 | 44.36 | 56.89 | -12.53 | 34.40 | 9.59 | 0.07 | 0.30 | QP |
| 11 | 0.705 | 30.51 | 46.00 | -15.49 | 20.50 | 9.60 | 0.09 | 0.32 | Average |
| 12 | 0.705 | 35.73 | 56.00 | -20.27 | 25.72 | 9.60 | 0.09 | 0.32 | 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 | Test Freq. (MHz) | 5230 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



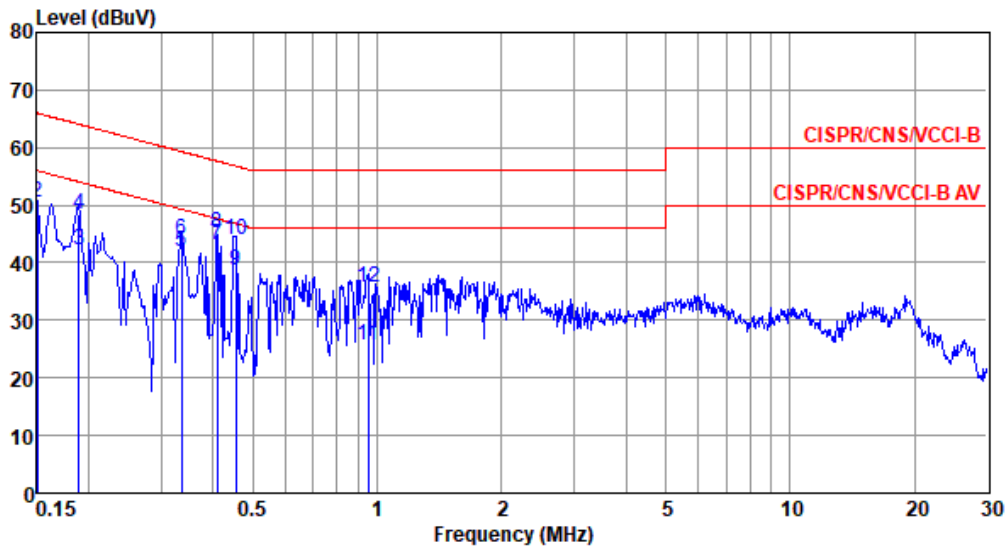
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 45.48 | 56.00 | -10.52 | 35.64 | 9.60 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 50.99 | 66.00 | -15.01 | 41.15 | 9.60 | 0.06 | 0.18 | QP |
| 3 | 0.189 | 44.20 | 54.06 | -9.86 | 34.35 | 9.60 | 0.06 | 0.19 | Average |
| 4 | 0.189 | 50.46 | 64.06 | -13.60 | 40.61 | 9.60 | 0.06 | 0.19 | QP |
| 5 | 0.377 | 37.64 | 48.34 | -10.70 | 27.69 | 9.60 | 0.06 | 0.29 | Average |
| 6 | 0.377 | 40.37 | 58.34 | -17.97 | 30.42 | 9.60 | 0.06 | 0.29 | QP |
| 7* | 0.419 | 44.31 | 47.46 | -3.15 | 34.35 | 9.60 | 0.06 | 0.30 | Average |
| 8 | 0.419 | 46.25 | 57.46 | -11.21 | 36.29 | 9.60 | 0.06 | 0.30 | QP |
| 9 | 0.459 | 36.66 | 46.71 | -10.05 | 26.69 | 9.60 | 0.07 | 0.30 | Average |
| 10 | 0.459 | 40.44 | 56.71 | -16.27 | 30.47 | 9.60 | 0.07 | 0.30 | QP |
| 11 | 0.683 | 33.24 | 46.00 | -12.76 | 23.23 | 9.60 | 0.09 | 0.32 | Average |
| 12 | 0.683 | 36.29 | 56.00 | -19.71 | 26.28 | 9.60 | 0.09 | 0.32 | 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 | 11a | Test Freq. (MHz) | 5745 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



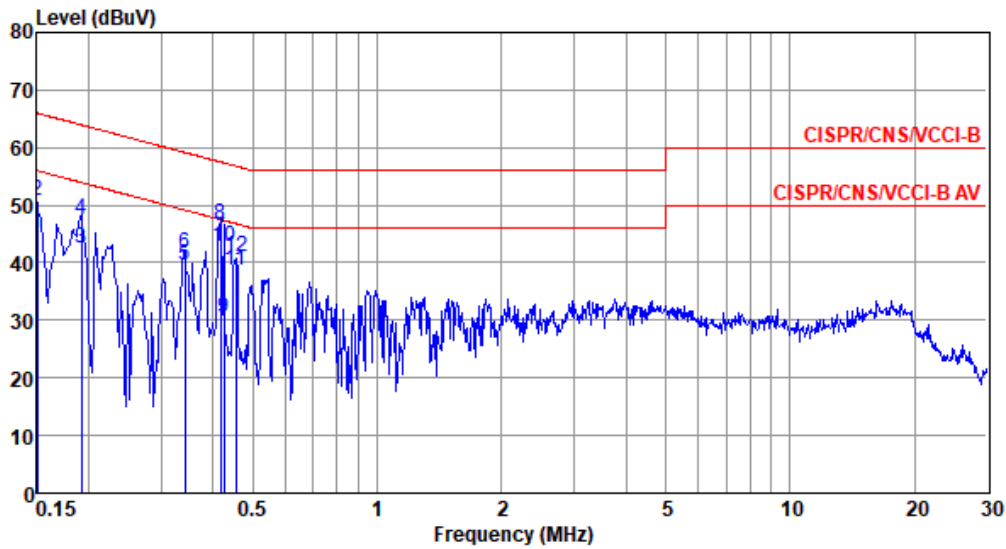
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 44.40 | 56.00 | -11.60 | 34.57 | 9.59 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 50.53 | 66.00 | -15.47 | 40.70 | 9.59 | 0.06 | 0.18 | QP |
| 3 | 0.189 | 42.17 | 54.06 | -11.89 | 32.33 | 9.59 | 0.06 | 0.19 | Average |
| 4 | 0.189 | 48.47 | 64.06 | -15.59 | 38.63 | 9.59 | 0.06 | 0.19 | QP |
| 5 | 0.336 | 41.84 | 49.31 | -7.47 | 31.92 | 9.59 | 0.06 | 0.27 | Average |
| 6 | 0.336 | 43.99 | 59.31 | -15.32 | 34.07 | 9.59 | 0.06 | 0.27 | QP |
| 7* | 0.410 | 43.11 | 47.64 | -4.53 | 33.16 | 9.59 | 0.06 | 0.30 | Average |
| 8 | 0.410 | 45.30 | 57.64 | -12.34 | 35.35 | 9.59 | 0.06 | 0.30 | QP |
| 9 | 0.454 | 38.64 | 46.80 | -8.16 | 28.68 | 9.59 | 0.07 | 0.30 | Average |
| 10 | 0.454 | 43.87 | 56.80 | -12.93 | 33.91 | 9.59 | 0.07 | 0.30 | QP |
| 11 | 0.953 | 25.75 | 46.00 | -20.25 | 15.71 | 9.60 | 0.11 | 0.33 | Average |
| 12 | 0.953 | 35.85 | 56.00 | -20.15 | 25.81 | 9.60 | 0.11 | 0.33 | 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 | 11a | Test Freq. (MHz) | 5745 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 45.27 | 56.00 | -10.73 | 35.43 | 9.60 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 50.81 | 66.00 | -15.19 | 40.97 | 9.60 | 0.06 | 0.18 | QP |
| 3 | 0.192 | 42.59 | 53.93 | -11.34 | 32.74 | 9.60 | 0.06 | 0.19 | Average |
| 4 | 0.192 | 47.60 | 63.93 | -16.33 | 37.75 | 9.60 | 0.06 | 0.19 | QP |
| 5 | 0.343 | 39.55 | 49.13 | -9.58 | 29.61 | 9.60 | 0.06 | 0.28 | Average |
| 6 | 0.343 | 41.74 | 59.13 | -17.39 | 31.80 | 9.60 | 0.06 | 0.28 | QP |
| 7* | 0.417 | 44.22 | 47.51 | -3.29 | 34.26 | 9.60 | 0.06 | 0.30 | Average |
| 8 | 0.417 | 46.72 | 57.51 | -10.79 | 36.76 | 9.60 | 0.06 | 0.30 | QP |
| 9 | 0.426 | 30.46 | 47.33 | -16.87 | 20.50 | 9.60 | 0.06 | 0.30 | Average |
| 10 | 0.426 | 42.88 | 57.33 | -14.45 | 32.92 | 9.60 | 0.06 | 0.30 | QP |
| 11 | 0.454 | 38.60 | 46.80 | -8.20 | 28.63 | 9.60 | 0.07 | 0.30 | Average |
| 12 | 0.454 | 41.13 | 56.80 | -15.67 | 31.16 | 9.60 | 0.07 | 0.30 | QP |

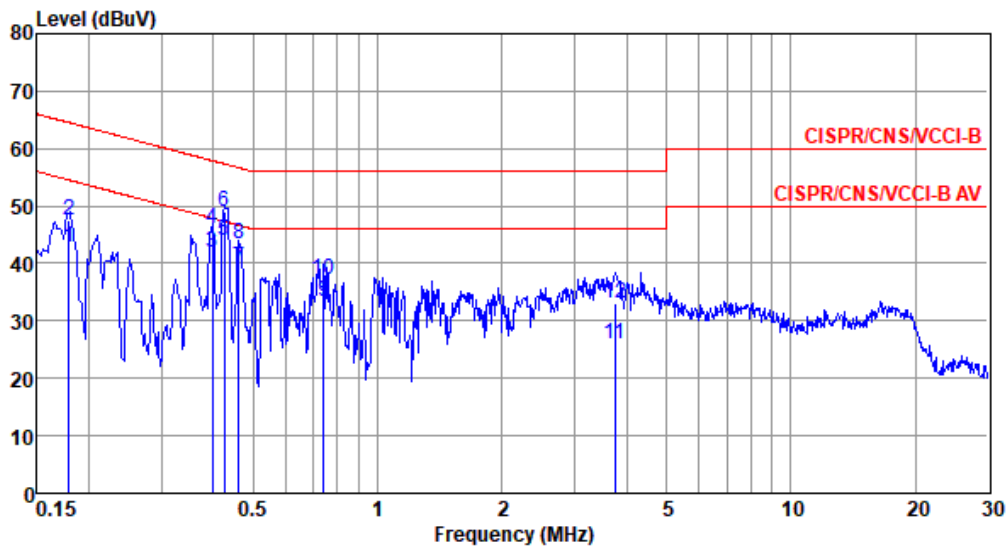
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Test configuration 2: With SFP, model: SDG-8614

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

Test by : Joe Liao Temperature: 22°C Humidity: 62%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.179 | 42.72 | 54.55 | -11.83 | 32.88 | 9.59 | 0.06 | 0.19 | Average |
| 2 | 0.179 | 47.60 | 64.55 | -16.95 | 37.76 | 9.59 | 0.06 | 0.19 | QP |
| 3 | 0.398 | 41.98 | 47.90 | -5.92 | 32.03 | 9.59 | 0.06 | 0.30 | Average |
| 4 | 0.398 | 45.93 | 57.90 | -11.97 | 35.98 | 9.59 | 0.06 | 0.30 | QP |
| 5* | 0.426 | 44.02 | 47.33 | -3.31 | 34.07 | 9.59 | 0.06 | 0.30 | Average |
| 6 | 0.426 | 49.01 | 57.33 | -8.32 | 39.06 | 9.59 | 0.06 | 0.30 | QP |
| 7 | 0.461 | 39.38 | 46.67 | -7.29 | 29.42 | 9.59 | 0.07 | 0.30 | Average |
| 8 | 0.461 | 43.34 | 56.67 | -13.33 | 33.38 | 9.59 | 0.07 | 0.30 | QP |
| 9 | 0.739 | 33.46 | 46.00 | -12.54 | 23.45 | 9.60 | 0.09 | 0.32 | Average |
| 10 | 0.739 | 37.11 | 56.00 | -18.89 | 27.10 | 9.60 | 0.09 | 0.32 | QP |
| 11 | 3.759 | 25.93 | 46.00 | -20.07 | 15.72 | 9.62 | 0.18 | 0.41 | Average |
| 12 | 3.759 | 33.21 | 56.00 | -22.79 | 23.00 | 9.62 | 0.18 | 0.41 | QP |

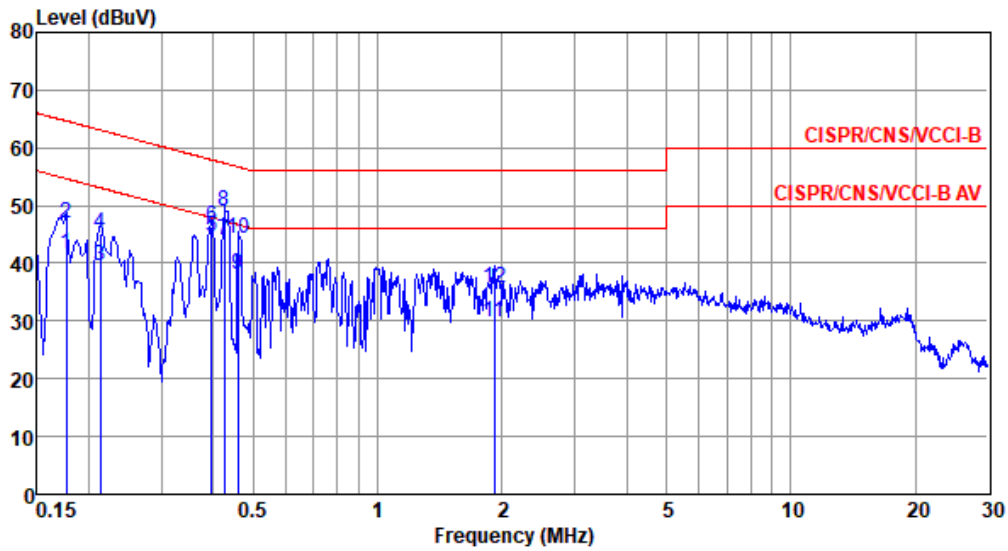
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



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

Test by : Joe Liao Temperature: 22°C Humidity: 62%



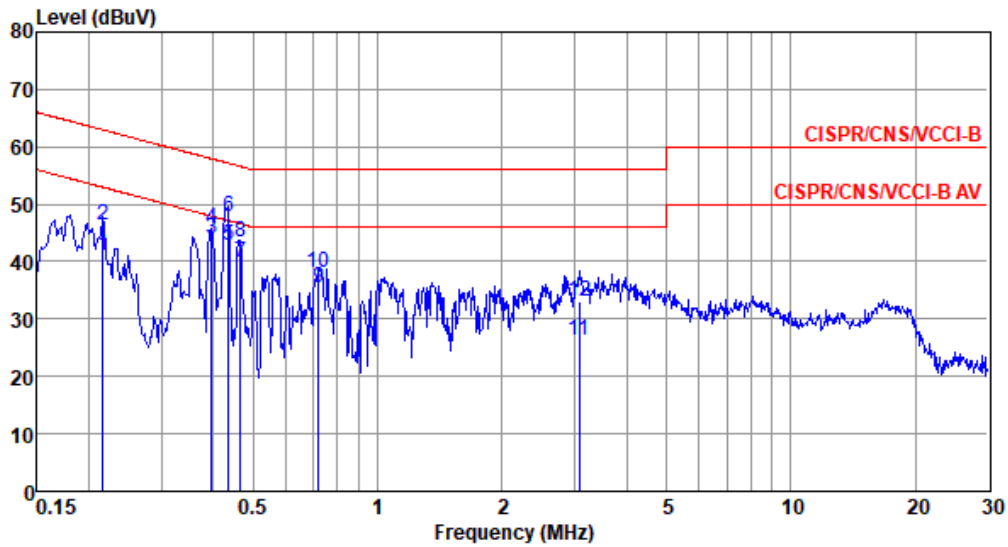
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.177 | 41.60 | 54.64 | -13.04 | 31.75 | 9.60 | 0.06 | 0.19 | Average |
| 2 | 0.177 | 46.91 | 64.64 | -17.73 | 37.06 | 9.60 | 0.06 | 0.19 | QP |
| 3 | 0.213 | 39.69 | 53.10 | -13.41 | 29.83 | 9.60 | 0.06 | 0.20 | Average |
| 4 | 0.213 | 45.27 | 63.10 | -17.83 | 35.41 | 9.60 | 0.06 | 0.20 | QP |
| 5* | 0.396 | 44.68 | 47.95 | -3.27 | 34.72 | 9.60 | 0.06 | 0.30 | Average |
| 6 | 0.396 | 46.41 | 57.95 | -11.54 | 36.45 | 9.60 | 0.06 | 0.30 | QP |
| 7 | 0.426 | 43.89 | 47.33 | -3.44 | 33.93 | 9.60 | 0.06 | 0.30 | Average |
| 8 | 0.426 | 49.08 | 57.33 | -8.25 | 39.12 | 9.60 | 0.06 | 0.30 | QP |
| 9 | 0.459 | 38.13 | 46.71 | -8.58 | 28.16 | 9.60 | 0.07 | 0.30 | Average |
| 10 | 0.459 | 44.13 | 56.71 | -12.58 | 34.16 | 9.60 | 0.07 | 0.30 | QP |
| 11 | 1.918 | 29.92 | 46.00 | -16.08 | 19.82 | 9.61 | 0.13 | 0.36 | Average |
| 12 | 1.918 | 35.82 | 56.00 | -20.18 | 25.72 | 9.61 | 0.13 | 0.36 | 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 | 11a | Test Freq. (MHz) | 5745 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



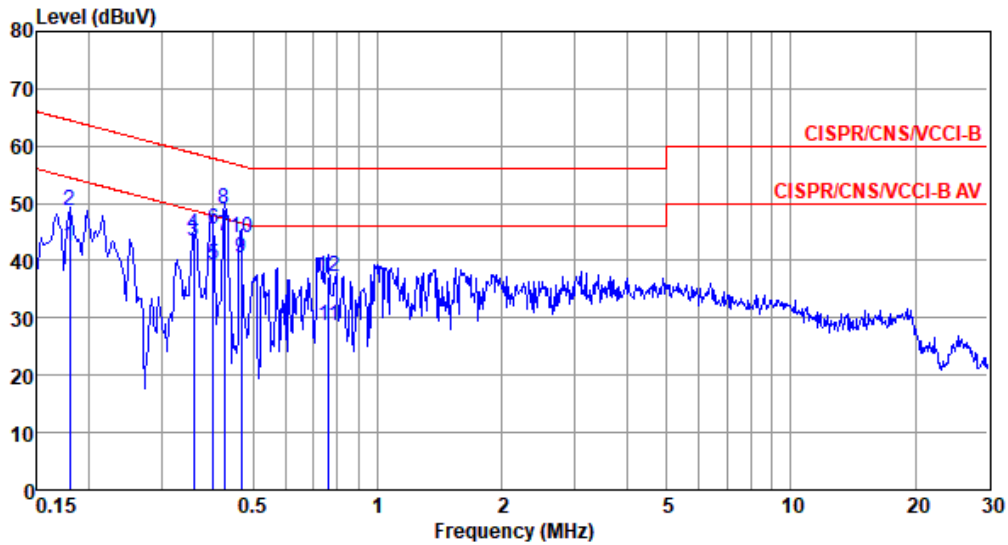
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.216 | 41.16 | 52.96 | -11.80 | 31.31 | 9.59 | 0.06 | 0.20 | Average |
| 2 | 0.216 | 46.29 | 62.96 | -16.67 | 36.44 | 9.59 | 0.06 | 0.20 | QP |
| 3* | 0.396 | 43.99 | 47.95 | -3.96 | 34.04 | 9.59 | 0.06 | 0.30 | Average |
| 4 | 0.396 | 45.86 | 57.95 | -12.09 | 35.91 | 9.59 | 0.06 | 0.30 | QP |
| 5 | 0.435 | 42.67 | 47.15 | -4.48 | 32.72 | 9.59 | 0.06 | 0.30 | Average |
| 6 | 0.435 | 47.85 | 57.15 | -9.30 | 37.90 | 9.59 | 0.06 | 0.30 | QP |
| 7 | 0.466 | 39.85 | 46.58 | -6.73 | 29.88 | 9.59 | 0.07 | 0.31 | Average |
| 8 | 0.466 | 43.41 | 56.58 | -13.17 | 33.44 | 9.59 | 0.07 | 0.31 | QP |
| 9 | 0.720 | 35.43 | 46.00 | -10.57 | 25.42 | 9.60 | 0.09 | 0.32 | Average |
| 10 | 0.720 | 38.20 | 56.00 | -17.80 | 28.19 | 9.60 | 0.09 | 0.32 | QP |
| 11 | 3.074 | 26.25 | 46.00 | -19.75 | 16.07 | 9.62 | 0.16 | 0.40 | Average |
| 12 | 3.074 | 33.06 | 56.00 | -22.94 | 22.88 | 9.62 | 0.16 | 0.40 | 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 | 11a | Test Freq. (MHz) | 5745 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.180 | 42.51 | 54.50 | -11.99 | 32.66 | 9.60 | 0.06 | 0.19 | Average |
| 2 | 0.180 | 48.65 | 64.50 | -15.85 | 38.80 | 9.60 | 0.06 | 0.19 | QP |
| 3 | 0.360 | 43.48 | 48.74 | -5.26 | 33.54 | 9.60 | 0.06 | 0.28 | Average |
| 4 | 0.360 | 44.44 | 58.74 | -14.30 | 34.50 | 9.60 | 0.06 | 0.28 | QP |
| 5 | 0.400 | 39.38 | 47.86 | -8.48 | 29.42 | 9.60 | 0.06 | 0.30 | Average |
| 6 | 0.400 | 45.44 | 57.86 | -12.42 | 35.48 | 9.60 | 0.06 | 0.30 | QP |
| 7* | 0.426 | 44.22 | 47.33 | -3.11 | 34.26 | 9.60 | 0.06 | 0.30 | Average |
| 8 | 0.426 | 49.06 | 57.33 | -8.27 | 39.10 | 9.60 | 0.06 | 0.30 | QP |
| 9 | 0.469 | 40.38 | 46.54 | -6.16 | 30.40 | 9.60 | 0.07 | 0.31 | Average |
| 10 | 0.469 | 44.04 | 56.54 | -12.50 | 34.06 | 9.60 | 0.07 | 0.31 | QP |
| 11 | 0.763 | 28.77 | 46.00 | -17.23 | 18.75 | 9.60 | 0.10 | 0.32 | Average |
| 12 | 0.763 | 37.21 | 56.00 | -18.79 | 27.19 | 9.60 | 0.10 | 0.32 | 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).

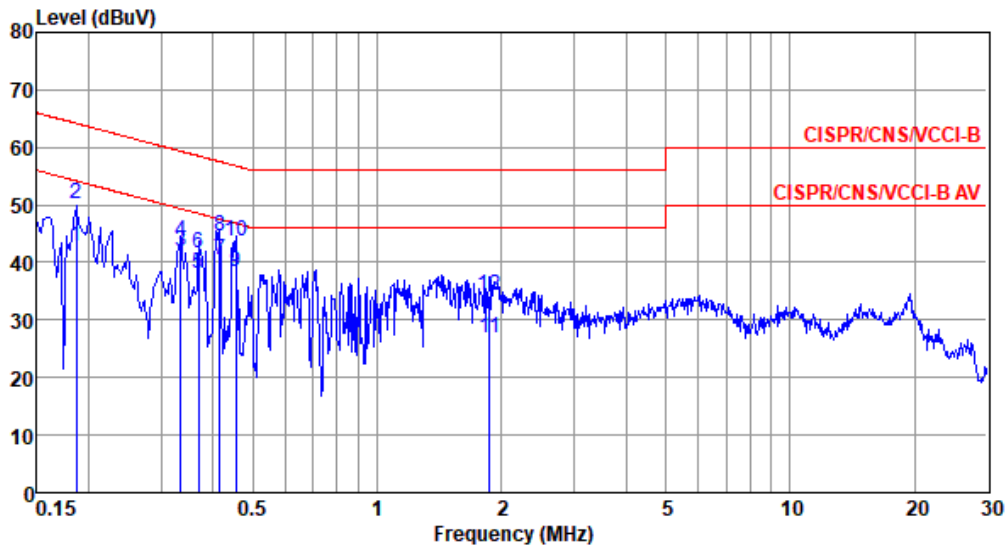


Beamforming mode

Test configuration 1: Without SFP, model: SDG-8612

| | | | |
|-----------------|---------|------------------|------|
| Modulation Mode | ax HE20 | Test Freq. (MHz) | 5180 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



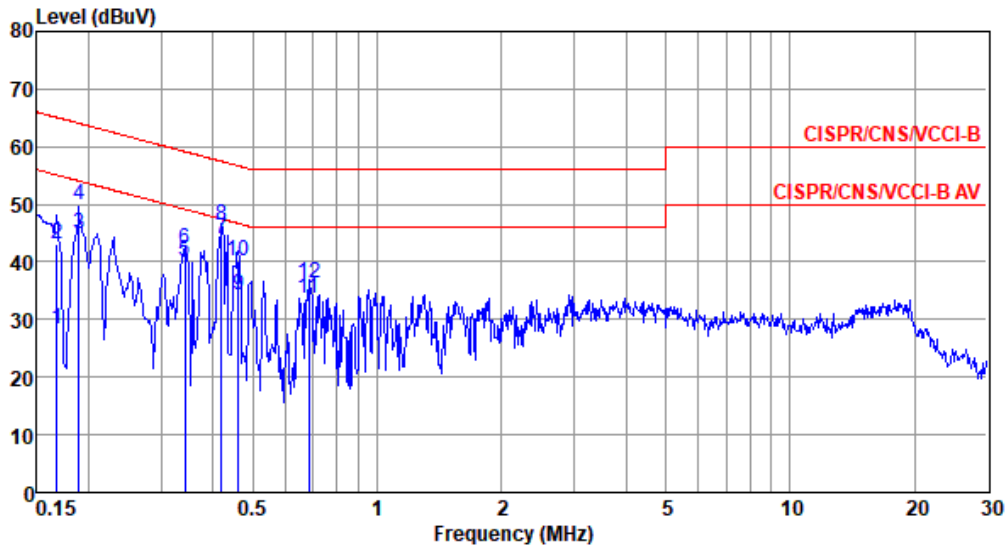
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.186 | 42.83 | 54.20 | -11.37 | 32.99 | 9.59 | 0.06 | 0.19 | Average |
| 2 | 0.186 | 50.31 | 64.20 | -13.89 | 40.47 | 9.59 | 0.06 | 0.19 | QP |
| 3 | 0.334 | 42.04 | 49.35 | -7.31 | 32.12 | 9.59 | 0.06 | 0.27 | Average |
| 4 | 0.334 | 43.82 | 59.35 | -15.53 | 33.90 | 9.59 | 0.06 | 0.27 | QP |
| 5 | 0.369 | 37.99 | 48.52 | -10.53 | 28.05 | 9.59 | 0.06 | 0.29 | Average |
| 6 | 0.369 | 41.53 | 58.52 | -16.99 | 31.59 | 9.59 | 0.06 | 0.29 | QP |
| 7* | 0.415 | 40.55 | 47.55 | -7.00 | 30.60 | 9.59 | 0.06 | 0.30 | Average |
| 8 | 0.415 | 44.47 | 57.55 | -13.08 | 34.52 | 9.59 | 0.06 | 0.30 | QP |
| 9 | 0.454 | 38.41 | 46.80 | -8.39 | 28.45 | 9.59 | 0.07 | 0.30 | Average |
| 10 | 0.454 | 43.83 | 56.80 | -12.97 | 33.87 | 9.59 | 0.07 | 0.30 | QP |
| 11 | 1.868 | 26.78 | 46.00 | -19.22 | 16.68 | 9.61 | 0.13 | 0.36 | Average |
| 12 | 1.868 | 34.38 | 56.00 | -21.62 | 24.28 | 9.61 | 0.13 | 0.36 | 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 HE20 | Test Freq. (MHz) | 5180 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



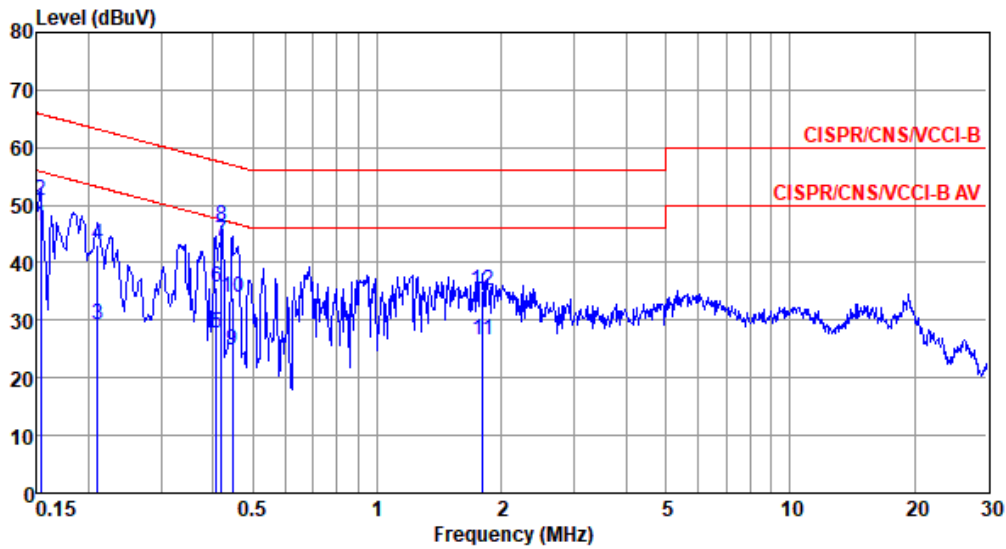
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.168 | 28.20 | 55.08 | -26.88 | 18.36 | 9.60 | 0.06 | 0.18 | Average |
| 2 | 0.168 | 43.13 | 65.08 | -21.95 | 33.29 | 9.60 | 0.06 | 0.18 | QP |
| 3 | 0.189 | 44.73 | 54.06 | -9.33 | 34.88 | 9.60 | 0.06 | 0.19 | Average |
| 4 | 0.189 | 50.02 | 64.06 | -14.04 | 40.17 | 9.60 | 0.06 | 0.19 | QP |
| 5 | 0.343 | 40.13 | 49.13 | -9.00 | 30.19 | 9.60 | 0.06 | 0.28 | Average |
| 6 | 0.343 | 42.12 | 59.13 | -17.01 | 32.18 | 9.60 | 0.06 | 0.28 | QP |
| 7* | 0.419 | 43.99 | 47.46 | -3.47 | 34.03 | 9.60 | 0.06 | 0.30 | Average |
| 8 | 0.419 | 46.49 | 57.46 | -10.97 | 36.53 | 9.60 | 0.06 | 0.30 | QP |
| 9 | 0.461 | 34.27 | 46.67 | -12.40 | 24.30 | 9.60 | 0.07 | 0.30 | Average |
| 10 | 0.461 | 40.28 | 56.67 | -16.39 | 30.31 | 9.60 | 0.07 | 0.30 | QP |
| 11 | 0.683 | 33.66 | 46.00 | -12.34 | 23.65 | 9.60 | 0.09 | 0.32 | Average |
| 12 | 0.683 | 36.19 | 56.00 | -19.81 | 26.18 | 9.60 | 0.09 | 0.32 | 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 HE80 | Test Freq. (MHz) | 5775 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



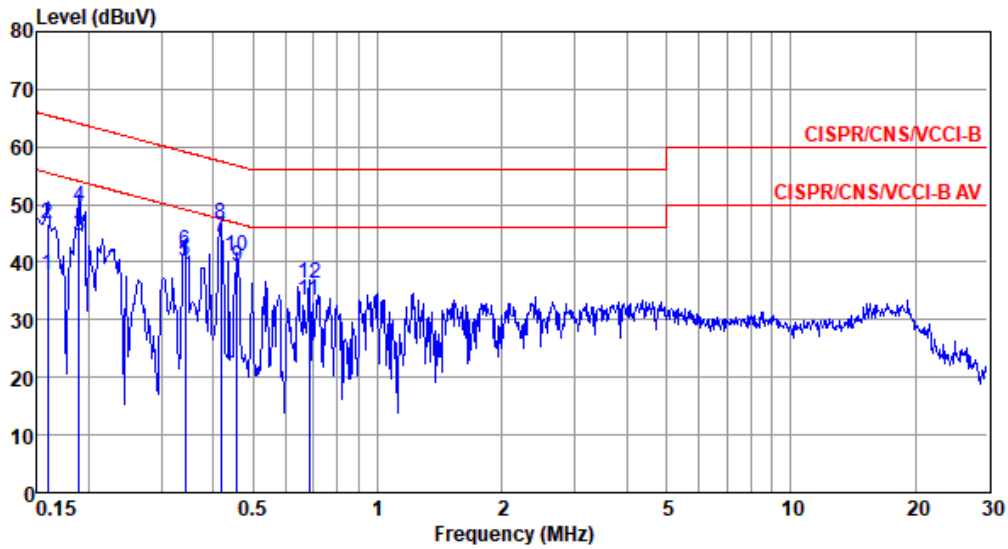
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.153 | 46.22 | 55.82 | -9.60 | 36.39 | 9.59 | 0.06 | 0.18 | Average |
| 2 | 0.153 | 50.64 | 65.82 | -15.18 | 40.81 | 9.59 | 0.06 | 0.18 | QP |
| 3 | 0.211 | 29.19 | 53.18 | -23.99 | 19.34 | 9.59 | 0.06 | 0.20 | Average |
| 4 | 0.211 | 43.20 | 63.18 | -19.98 | 33.35 | 9.59 | 0.06 | 0.20 | QP |
| 5 | 0.408 | 27.80 | 47.68 | -19.88 | 17.85 | 9.59 | 0.06 | 0.30 | Average |
| 6 | 0.408 | 35.69 | 57.68 | -21.99 | 25.74 | 9.59 | 0.06 | 0.30 | QP |
| 7* | 0.419 | 43.77 | 47.46 | -3.69 | 33.82 | 9.59 | 0.06 | 0.30 | Average |
| 8 | 0.419 | 46.49 | 57.46 | -10.97 | 36.54 | 9.59 | 0.06 | 0.30 | QP |
| 9 | 0.447 | 24.74 | 46.93 | -22.19 | 14.78 | 9.59 | 0.07 | 0.30 | Average |
| 10 | 0.447 | 33.91 | 56.93 | -23.02 | 23.95 | 9.59 | 0.07 | 0.30 | QP |
| 11 | 1.800 | 26.57 | 46.00 | -19.43 | 16.47 | 9.61 | 0.13 | 0.36 | Average |
| 12 | 1.800 | 35.06 | 56.00 | -20.94 | 24.96 | 9.61 | 0.13 | 0.36 | 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 HE80 | Test Freq. (MHz) | 5775 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 37.75 | 55.52 | -17.77 | 27.91 | 9.60 | 0.06 | 0.18 | Average |
| 2 | 0.159 | 46.78 | 65.52 | -18.74 | 36.94 | 9.60 | 0.06 | 0.18 | QP |
| 3 | 0.189 | 44.44 | 54.06 | -9.62 | 34.59 | 9.60 | 0.06 | 0.19 | Average |
| 4 | 0.189 | 49.74 | 64.06 | -14.32 | 39.89 | 9.60 | 0.06 | 0.19 | QP |
| 5 | 0.343 | 40.01 | 49.13 | -9.12 | 30.07 | 9.60 | 0.06 | 0.28 | Average |
| 6 | 0.343 | 42.06 | 59.13 | -17.07 | 32.12 | 9.60 | 0.06 | 0.28 | QP |
| 7* | 0.417 | 44.37 | 47.51 | -3.14 | 34.41 | 9.60 | 0.06 | 0.30 | Average |
| 8 | 0.417 | 46.65 | 57.51 | -10.86 | 36.69 | 9.60 | 0.06 | 0.30 | QP |
| 9 | 0.456 | 39.17 | 46.76 | -7.59 | 29.20 | 9.60 | 0.07 | 0.30 | Average |
| 10 | 0.456 | 40.92 | 56.76 | -15.84 | 30.95 | 9.60 | 0.07 | 0.30 | QP |
| 11 | 0.683 | 33.45 | 46.00 | -12.55 | 23.44 | 9.60 | 0.09 | 0.32 | Average |
| 12 | 0.683 | 36.23 | 56.00 | -19.77 | 26.22 | 9.60 | 0.09 | 0.32 | QP |

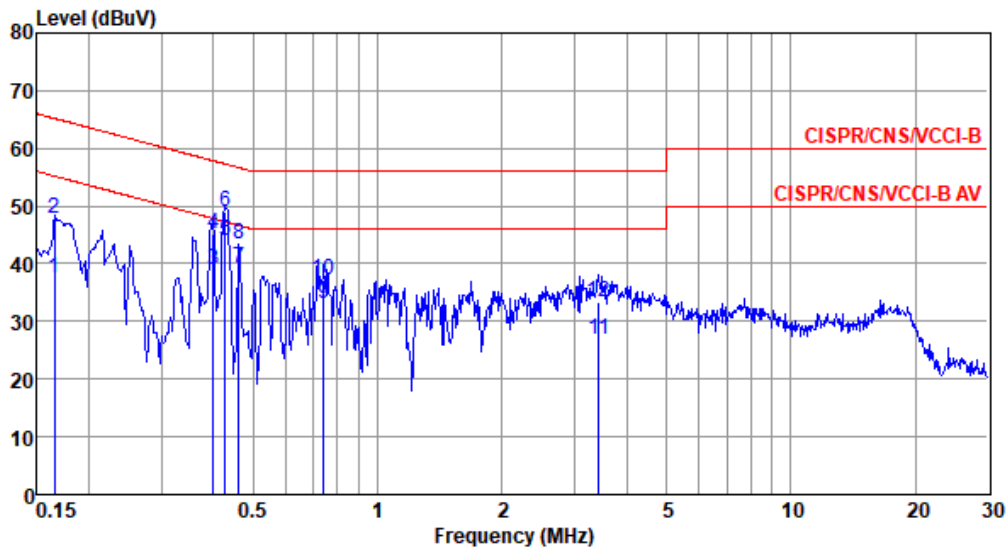
Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).



Test configuration 2: With SFP, model: SDG-8614

| | | | |
|-----------------|---------|------------------|------|
| Modulation Mode | ax HE20 | Test Freq. (MHz) | 5180 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



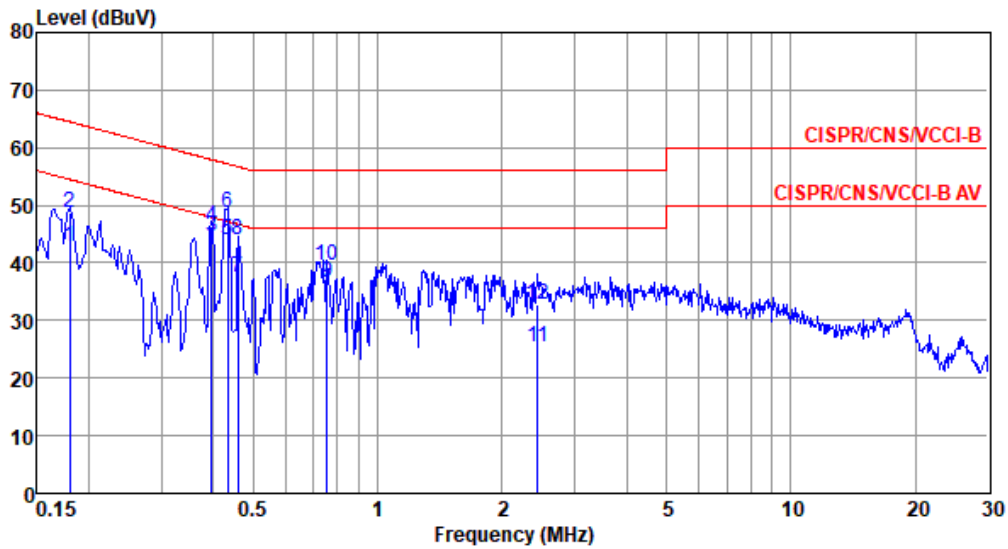
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.165 | 37.57 | 55.21 | -17.64 | 27.74 | 9.59 | 0.06 | 0.18 | Average |
| 2 | 0.165 | 47.75 | 65.21 | -17.46 | 37.92 | 9.59 | 0.06 | 0.18 | QP |
| 3 | 0.400 | 39.01 | 47.86 | -8.85 | 29.06 | 9.59 | 0.06 | 0.30 | Average |
| 4 | 0.400 | 45.04 | 57.86 | -12.82 | 35.09 | 9.59 | 0.06 | 0.30 | QP |
| 5* | 0.428 | 43.97 | 47.29 | -3.32 | 34.02 | 9.59 | 0.06 | 0.30 | Average |
| 6 | 0.428 | 49.06 | 57.29 | -8.23 | 39.11 | 9.59 | 0.06 | 0.30 | QP |
| 7 | 0.461 | 39.38 | 46.67 | -7.29 | 29.42 | 9.59 | 0.07 | 0.30 | Average |
| 8 | 0.461 | 43.34 | 56.67 | -13.33 | 33.38 | 9.59 | 0.07 | 0.30 | QP |
| 9 | 0.739 | 33.20 | 46.00 | -12.80 | 23.19 | 9.60 | 0.09 | 0.32 | Average |
| 10 | 0.739 | 37.22 | 56.00 | -18.78 | 27.21 | 9.60 | 0.09 | 0.32 | QP |
| 11 | 3.436 | 26.86 | 46.00 | -19.14 | 16.66 | 9.62 | 0.17 | 0.41 | Average |
| 12 | 3.436 | 33.37 | 56.00 | -22.63 | 23.17 | 9.62 | 0.17 | 0.41 | 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 HE20 | Test Freq. (MHz) | 5180 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



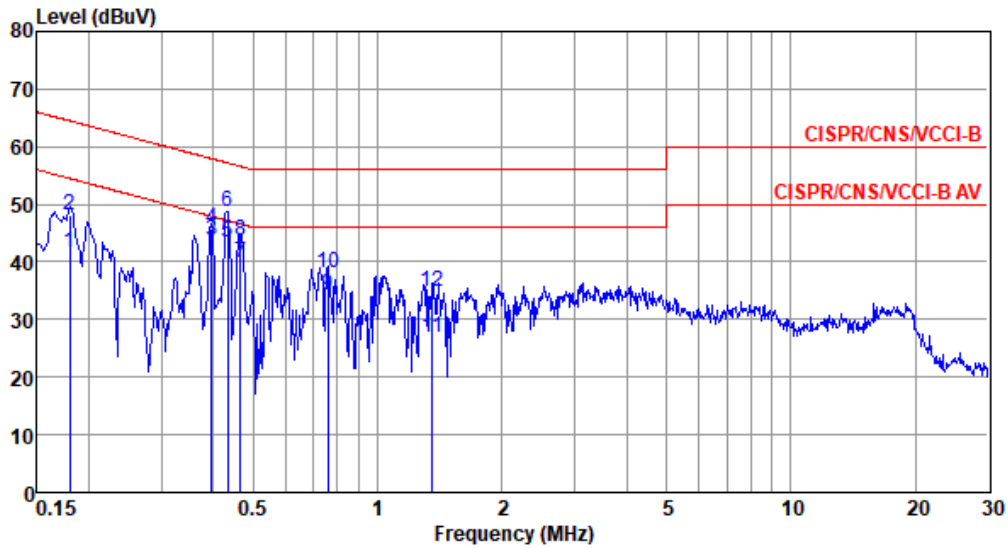
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.180 | 42.84 | 54.50 | -11.66 | 32.99 | 9.60 | 0.06 | 0.19 | Average |
| 2 | 0.180 | 48.64 | 64.50 | -15.86 | 38.79 | 9.60 | 0.06 | 0.19 | QP |
| 3 | 0.396 | 44.63 | 47.95 | -3.32 | 34.67 | 9.60 | 0.06 | 0.30 | Average |
| 4 | 0.396 | 46.37 | 57.95 | -11.58 | 36.41 | 9.60 | 0.06 | 0.30 | QP |
| 5* | 0.433 | 43.97 | 47.20 | -3.23 | 34.01 | 9.60 | 0.06 | 0.30 | Average |
| 6 | 0.433 | 48.77 | 57.20 | -8.43 | 38.81 | 9.60 | 0.06 | 0.30 | QP |
| 7 | 0.459 | 37.51 | 46.71 | -9.20 | 27.54 | 9.60 | 0.07 | 0.30 | Average |
| 8 | 0.459 | 44.06 | 56.71 | -12.65 | 34.09 | 9.60 | 0.07 | 0.30 | QP |
| 9 | 0.755 | 36.56 | 46.00 | -9.44 | 26.55 | 9.60 | 0.09 | 0.32 | Average |
| 10 | 0.755 | 39.64 | 56.00 | -16.36 | 29.63 | 9.60 | 0.09 | 0.32 | QP |
| 11 | 2.435 | 25.45 | 46.00 | -20.55 | 15.32 | 9.61 | 0.14 | 0.38 | Average |
| 12 | 2.435 | 32.86 | 56.00 | -23.14 | 22.73 | 9.61 | 0.14 | 0.38 | 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 HE80 | Test Freq. (MHz) | 5775 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



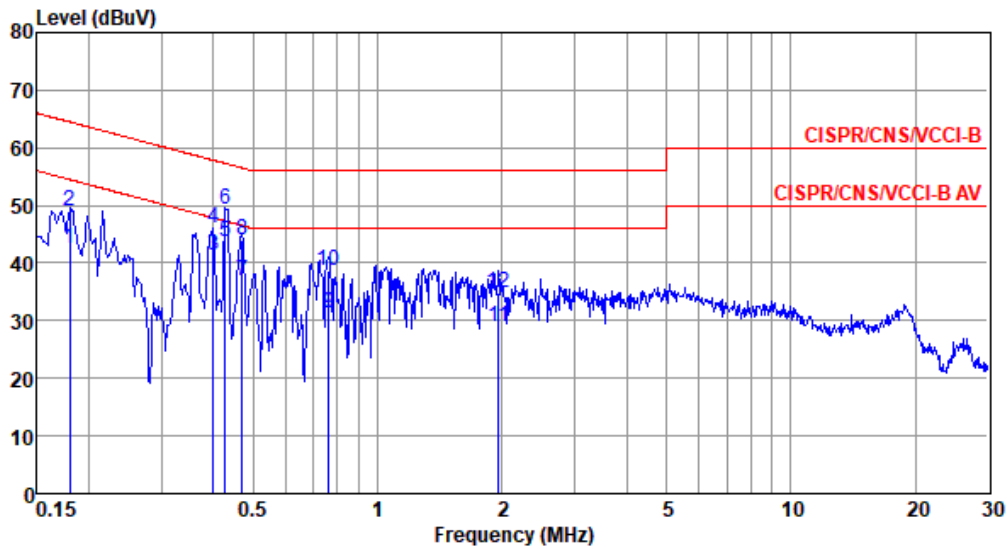
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.180 | 41.68 | 54.50 | -12.82 | 31.84 | 9.59 | 0.06 | 0.19 | Average |
| 2 | 0.180 | 48.25 | 64.50 | -16.25 | 38.41 | 9.59 | 0.06 | 0.19 | QP |
| 3 | 0.396 | 43.77 | 47.95 | -4.18 | 33.82 | 9.59 | 0.06 | 0.30 | Average |
| 4 | 0.396 | 45.84 | 57.95 | -12.11 | 35.89 | 9.59 | 0.06 | 0.30 | QP |
| 5* | 0.433 | 43.50 | 47.20 | -3.70 | 33.55 | 9.59 | 0.06 | 0.30 | Average |
| 6 | 0.433 | 48.67 | 57.20 | -8.53 | 38.72 | 9.59 | 0.06 | 0.30 | QP |
| 7 | 0.466 | 39.72 | 46.58 | -6.86 | 29.75 | 9.59 | 0.07 | 0.31 | Average |
| 8 | 0.466 | 43.64 | 56.58 | -12.94 | 33.67 | 9.59 | 0.07 | 0.31 | QP |
| 9 | 0.759 | 34.16 | 46.00 | -11.84 | 24.15 | 9.60 | 0.09 | 0.32 | Average |
| 10 | 0.759 | 38.12 | 56.00 | -17.88 | 28.11 | 9.60 | 0.09 | 0.32 | QP |
| 11 | 1.359 | 26.96 | 46.00 | -19.04 | 16.90 | 9.60 | 0.12 | 0.34 | Average |
| 12 | 1.359 | 34.81 | 56.00 | -21.19 | 24.75 | 9.60 | 0.12 | 0.34 | 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 HE80 | Test Freq. (MHz) | 5775 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 62%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.180 | 42.47 | 54.50 | -12.03 | 32.62 | 9.60 | 0.06 | 0.19 | Average |
| 2 | 0.180 | 48.99 | 64.50 | -15.51 | 39.14 | 9.60 | 0.06 | 0.19 | QP |
| 3 | 0.400 | 41.28 | 47.86 | -6.58 | 31.32 | 9.60 | 0.06 | 0.30 | Average |
| 4 | 0.400 | 46.14 | 57.86 | -11.72 | 36.18 | 9.60 | 0.06 | 0.30 | QP |
| 5* | 0.428 | 43.55 | 47.29 | -3.74 | 33.59 | 9.60 | 0.06 | 0.30 | Average |
| 6 | 0.428 | 49.17 | 57.29 | -8.12 | 39.21 | 9.60 | 0.06 | 0.30 | QP |
| 7 | 0.471 | 36.78 | 46.49 | -9.71 | 26.80 | 9.60 | 0.07 | 0.31 | Average |
| 8 | 0.471 | 43.86 | 56.49 | -12.63 | 33.88 | 9.60 | 0.07 | 0.31 | QP |
| 9 | 0.763 | 31.36 | 46.00 | -14.64 | 21.34 | 9.60 | 0.10 | 0.32 | Average |
| 10 | 0.763 | 38.61 | 56.00 | -17.39 | 28.59 | 9.60 | 0.10 | 0.32 | QP |
| 11 | 1.959 | 28.84 | 46.00 | -17.16 | 18.74 | 9.61 | 0.13 | 0.36 | Average |
| 12 | 1.959 | 34.92 | 56.00 | -21.08 | 24.82 | 9.61 | 0.13 | 0.36 | 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).