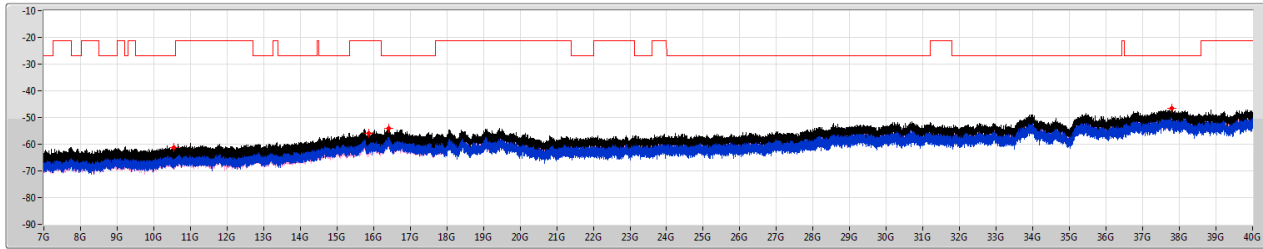




5.25-5.35GHz_802.11ax_HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

5290MHz



Limit:PK

Sum:PK

Port:1

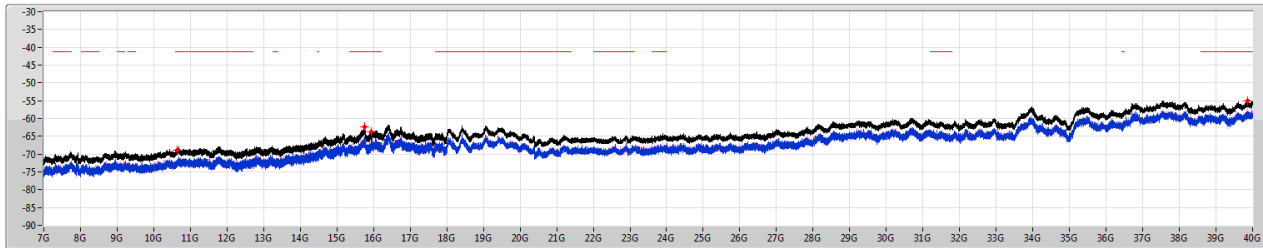
Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 10.53925G | -61.40 | -62.84 | -66.90 |
| 7G | 18G | 1M | PK | 15.8715G | -55.95 | -58.02 | -60.15 |
| 7G | 18G | 1M | PK | 16.40981G | -53.96 | -55.75 | -58.67 |
| 18G | 40G | 1M | PK | 37.79794G | -46.51 | -50.99 | -48.42 |

5.25-5.35GHz_802.11ax_HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5290MHz



Limit:AV

Sum:AV

Port:1

Port:2

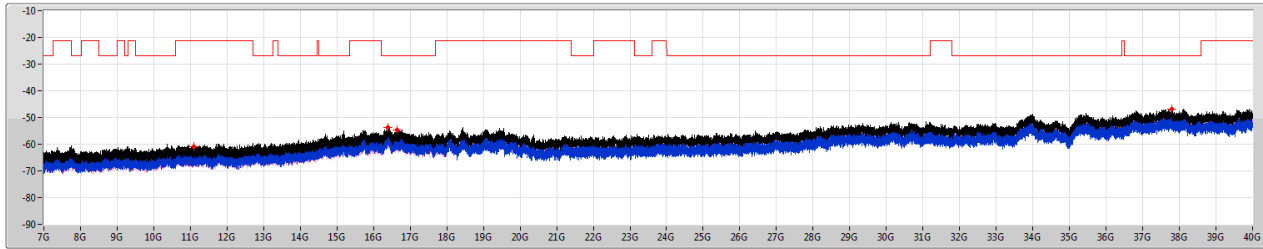
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 10.64581G | -68.87 | -72.23 | -71.55 |
| 7G | 18G | 1M | AV | 15.74534G | -62.42 | -65.49 | -65.37 |
| 7G | 18G | 1M | AV | 15.94025G | -63.68 | -65.75 | -67.90 |
| 18G | 40G | 1M | AV | 39.85356G | -54.98 | -58.68 | -57.40 |



5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

5530MHz



Limit:PK

Sum:PK

Port:1

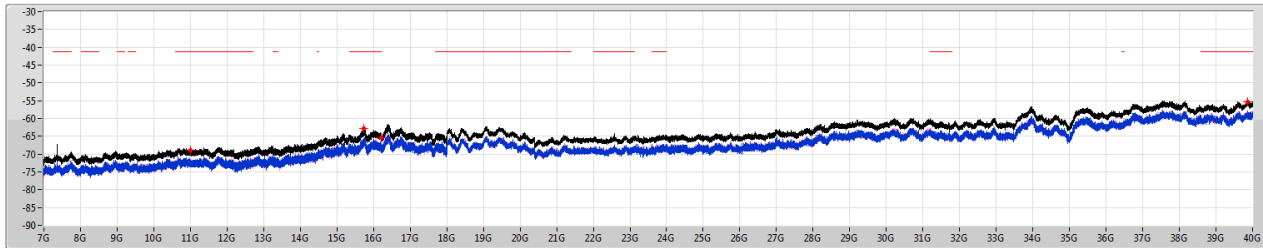
Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 11.09028G | -60.83 | -64.86 | -63.02 |
| 7G | 18G | 1M | PK | 16.40328G | -53.72 | -55.03 | -59.58 |
| 7G | 18G | 1M | PK | 16.647G | -54.83 | -56.53 | -59.73 |
| 18G | 40G | 1M | PK | 37.78281G | -46.83 | -48.35 | -52.13 |

5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5530MHz



Limit:AV

Sum:AV

Port:1

Port:2

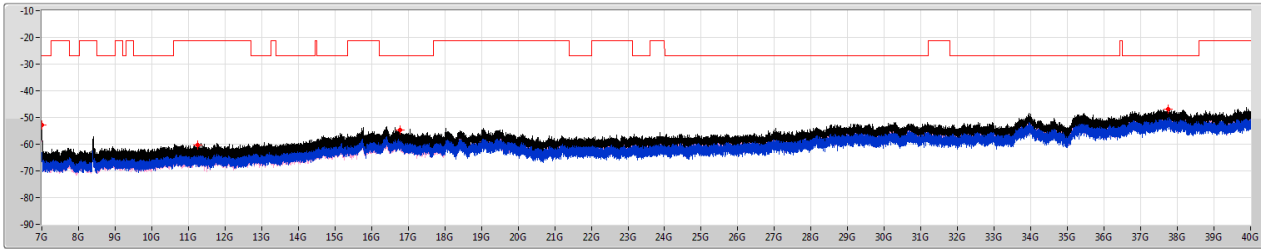
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 11.00641G | -68.83 | -72.13 | -71.57 |
| 7G | 18G | 1M | AV | 15.74328G | -62.76 | -65.90 | -65.64 |
| 7G | 18G | 1M | AV | 16.19978G | -65.29 | -68.21 | -68.39 |
| 18G | 40G | 1M | AV | 39.86113G | -55.20 | -58.21 | -58.21 |



5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

5610MHz



Limit:PK

Sum:PK

Port:1

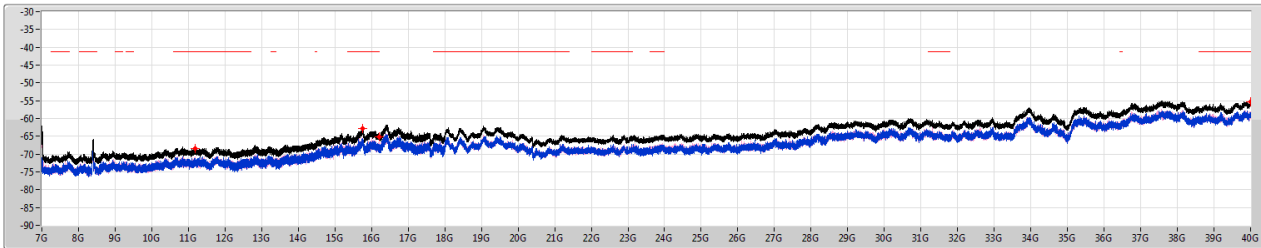
Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 7G | -52.95 | -66.36 | -53.15 |
| 7G | 18G | 1M | PK | 11.25047G | -60.43 | -64.37 | -62.67 |
| 7G | 18G | 1M | PK | 16.77831G | -54.76 | -59.87 | -56.36 |
| 18G | 40G | 1M | PK | 37.74981G | -46.87 | -52.13 | -48.41 |

5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5610MHz



Limit:AV

Sum:AV

Port:1

Port:2

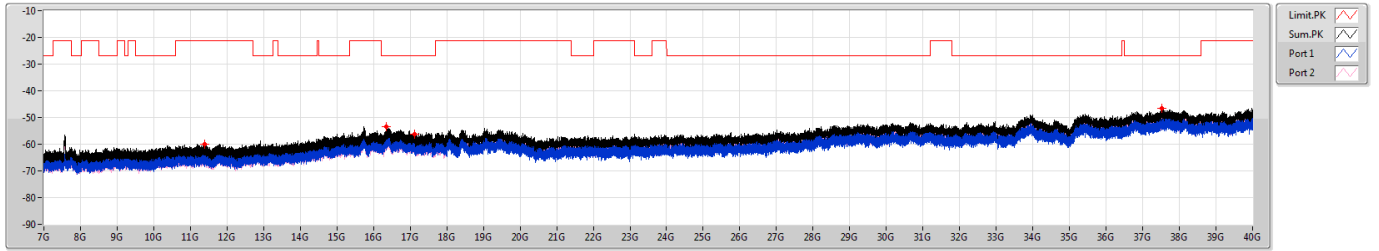
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 11.17794G | -68.43 | -71.26 | -71.62 |
| 7G | 18G | 1M | AV | 15.74672G | -62.79 | -65.87 | -65.74 |
| 7G | 18G | 1M | AV | 16.19978G | -65.10 | -67.68 | -68.58 |
| 18G | 40G | 1M | AV | 39.9945G | -55.25 | -58.39 | -58.13 |



5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

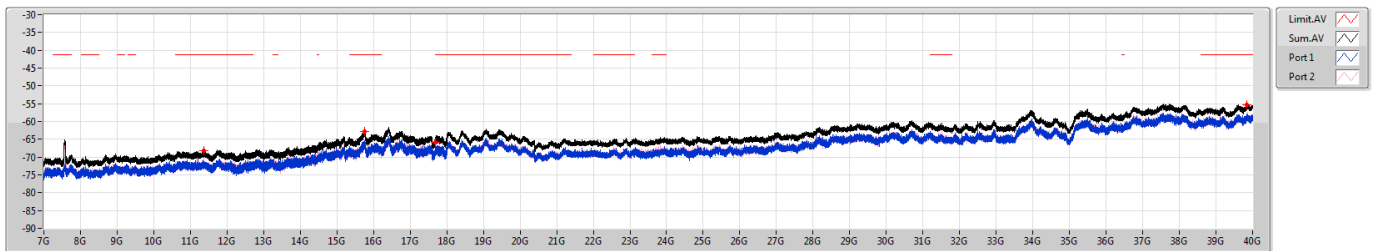
5690MHz Straddle 5.47-5.725GHz



5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5690MHz Straddle 5.47-5.725GHz

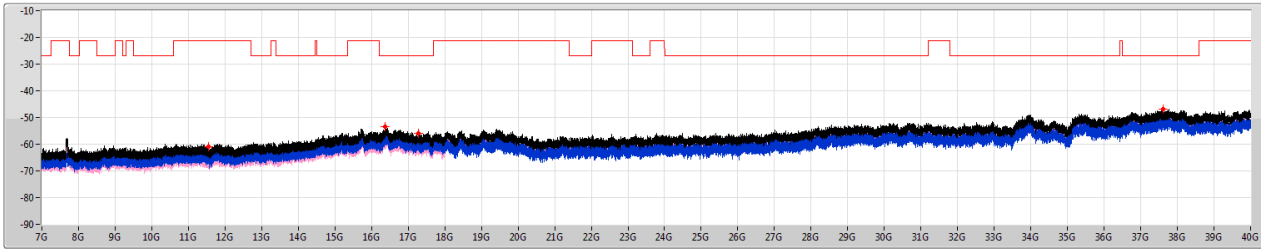




5.725-5.85GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

5775MHz



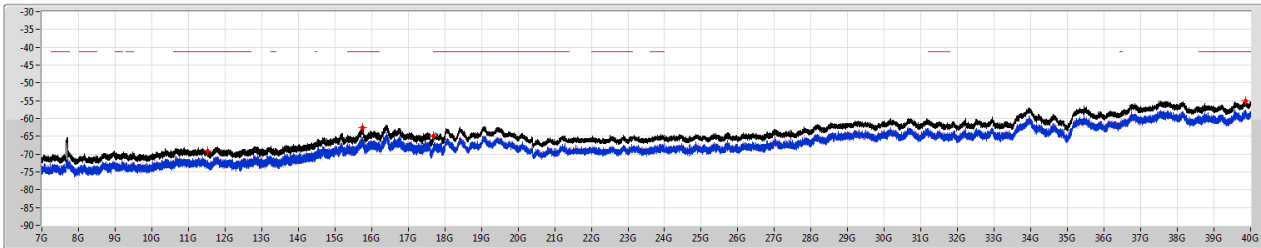
Limit PK
 Sum PK
 Port 1
 Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 11.54163G | -61.04 | -62.91 | -65.61 |
| 7G | 18G | 1M | PK | 16.37681G | -53.53 | -58.56 | -55.16 |
| 7G | 18G | 1M | PK | 17.28328G | -55.98 | -59.83 | -58.29 |
| 18G | 40G | 1M | PK | 37.60063G | -46.96 | -48.70 | -51.77 |

5.725-5.85GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5775MHz



Limit AV
 Sum AV
 Port 1
 Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 11.51894G | -69.14 | -72.24 | -72.06 |
| 7G | 18G | 1M | AV | 15.76597G | -62.66 | -66.07 | -65.31 |
| 7G | 18G | 1M | AV | 17.70025G | -64.95 | -67.34 | -68.68 |
| 18G | 40G | 1M | AV | 39.86525G | -55.09 | -58.50 | -57.73 |



**Unwanted Conducted Emissions(30M~1GHz)
- ST M.2, PCIe Module**

Appendix D.5

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | GRF (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--|--------|--------------|-------------|------|----------|----------|----------|------------|----------|------------|-------------|-------------|
| 5.47-5.725GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX | Pass | 30M | 1G | PK | 7.41 | -81.99 | -79.92 | -77.82 | 4.7 | -65.71 | -55.20 | -10.51 |
| 5.725-5.85GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX | Pass | 30M | 1G | PK | 7.41 | -79.79 | -83.19 | -78.16 | 4.7 | -66.05 | -55.20 | -10.85 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | GRF (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|----------|------------|-------------|-------------|
| 802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5745MHz | Pass | 30M | 1G | PK | 65.89M | 7.41 | -79.79 | -83.19 | -78.16 | 4.7 | -66.05 | -55.20 | -10.85 |
| 802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5590MHz | Pass | 30M | 1G | PK | 85.19M | 7.41 | -81.99 | -79.92 | -77.82 | 4.7 | -65.71 | -55.20 | -10.51 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



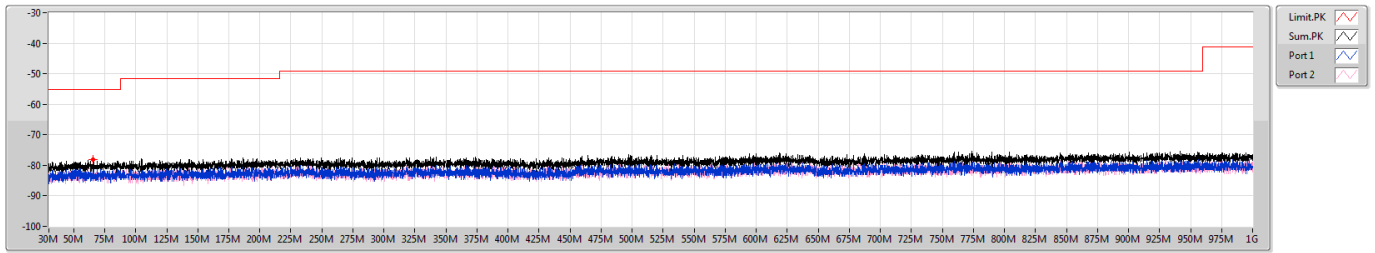
Unwanted Conducted Emissions(30M~1GHz) - ST M.2, PCIe Module

Appendix D.5

5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX

CSE Other [PK]

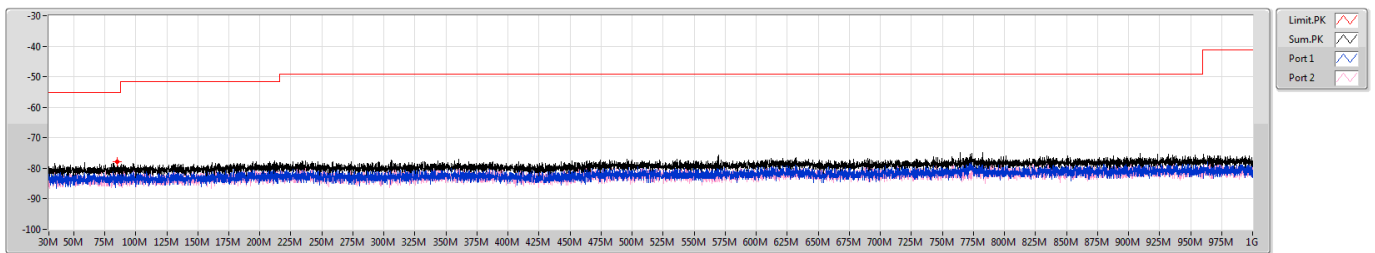
5745MHz

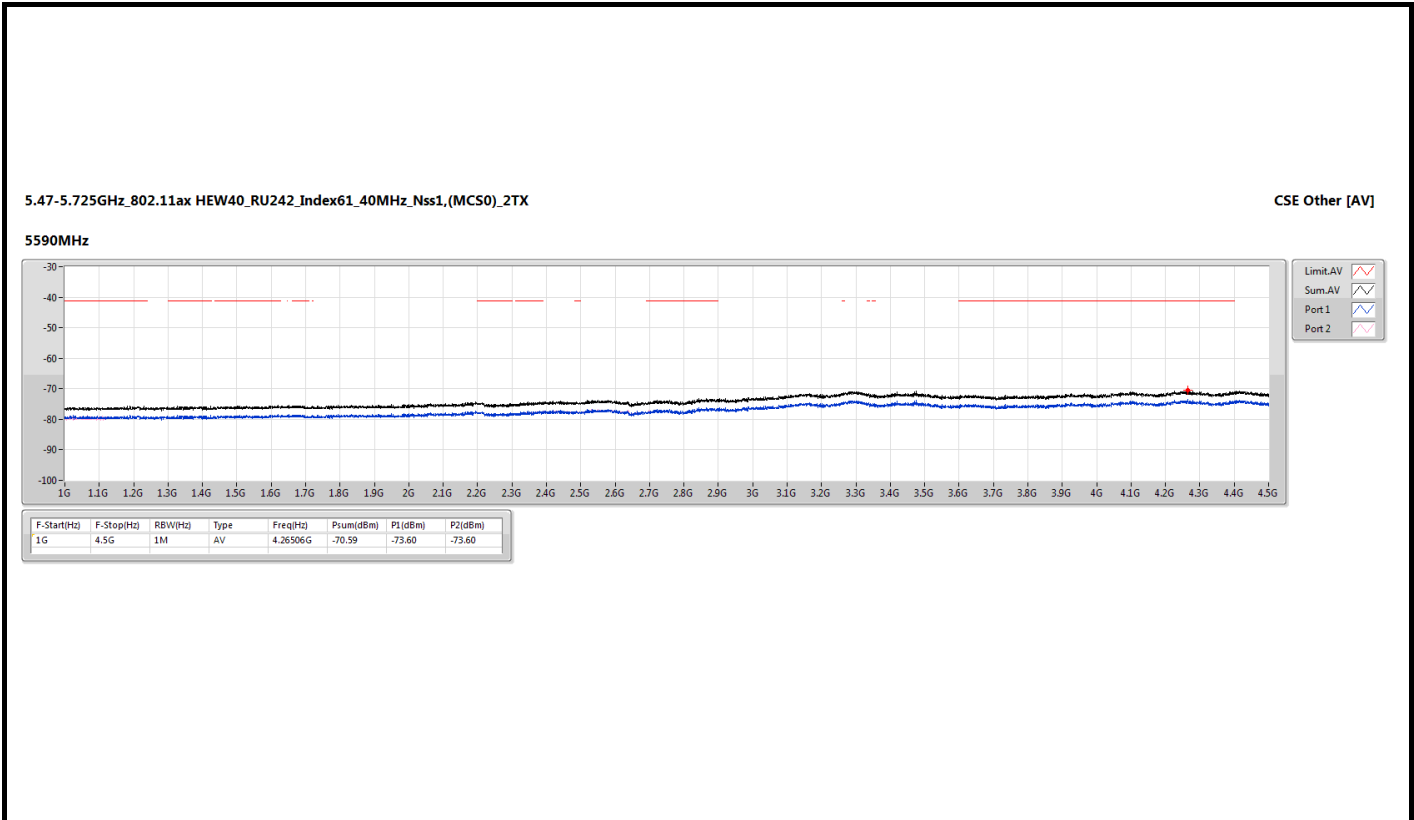


5.47-5.725GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

CSE Other [PK]

5590MHz







**Unwanted Conducted Emissions(1G~4.5GHz)
- ST M.2, PCIe Module**

Appendix D.6

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | EIRP (dBm) | Psum (dBm) | P2 (dBm) | P1 (dBm) | Limit (dBm) | Margin (dB) | DG (dBi) |
|---|--------|--------------|-------------|------|------------|------------|----------|----------|-------------|-------------|----------|
| 5.15-5.25GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | Pass | 1G | 4.5G | AV | -63.68 | -71.09 | -74.24 | -73.97 | -41.20 | -22.48 | 7.41 |
| 5.25-5.35GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | Pass | 1G | 4.5G | AV | -63.75 | -71.16 | -74.03 | -74.31 | -41.20 | -22.55 | 7.41 |
| 5.47-5.725GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX | Pass | 1G | 4.5G | AV | -63.70 | -71.11 | -74.26 | -73.98 | -41.20 | -22.50 | 7.41 |
| 5.725-5.85GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX | Pass | 1G | 4.5G | AV | -63.81 | -71.22 | -74.23 | -74.23 | -41.20 | -22.61 | 7.41 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|------------|-------------|-------------|
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5180MHz | Pass | 1G | 4.5G | AV | 4.25631G | 7.41 | -73.97 | -74.24 | -71.09 | -63.68 | -41.20 | -22.48 |
| 5180MHz | Pass | 1G | 4.5G | PK | 3.30825G | 7.41 | -64.29 | -64.65 | -61.46 | -54.05 | -27.00 | -27.05 |
| 5320MHz | Pass | 1G | 4.5G | AV | 4.23925G | 7.41 | -74.31 | -74.03 | -71.16 | -63.75 | -41.20 | -22.55 |
| 5320MHz | Pass | 1G | 4.5G | PK | 3.28069G | 7.41 | -65.54 | -63.14 | -61.17 | -53.76 | -27.00 | -26.76 |
| 802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5775MHz | Pass | 1G | 4.5G | AV | 4.24931G | 7.41 | -74.23 | -74.23 | -71.22 | -63.81 | -41.20 | -22.61 |
| 5775MHz | Pass | 1G | 4.5G | PK | 3.506G | 7.41 | -65.91 | -63.15 | -61.30 | -53.89 | -27.00 | -26.89 |
| 802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5530MHz | Pass | 1G | 4.5G | AV | 4.26244G | 7.41 | -73.98 | -74.26 | -71.11 | -63.70 | -41.20 | -22.50 |
| 5530MHz | Pass | 1G | 4.5G | PK | 3.2925G | 7.41 | -65.98 | -63.46 | -61.53 | -54.12 | -27.00 | -27.12 |

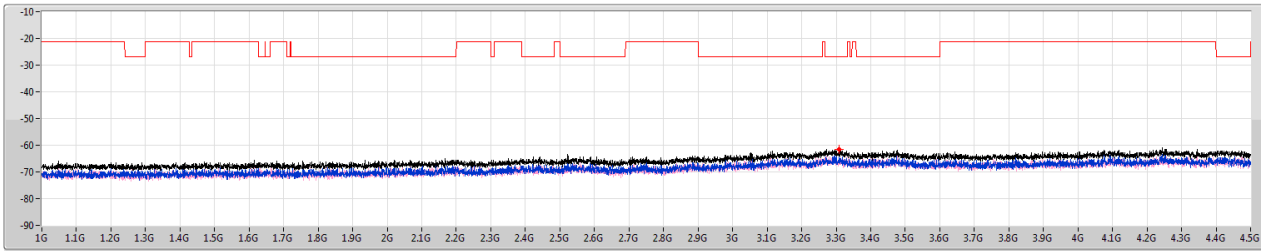
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.15-5.25GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Other [PK]

5180MHz



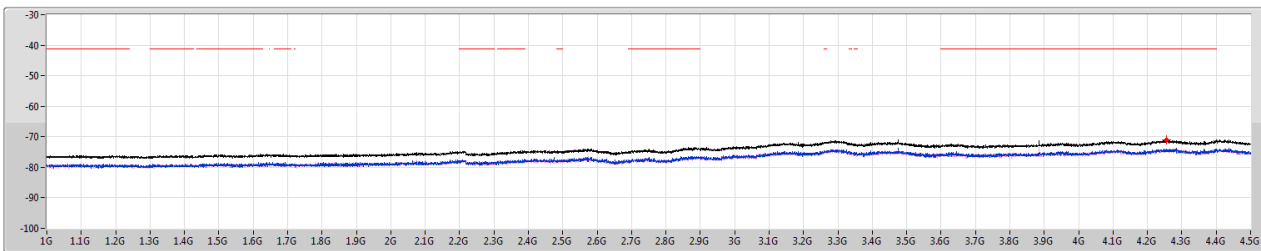
Limit.PK
Sum.PK
Port 1
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 1G | 4.5G | 1M | PK | 3.30825G | -61.46 | -64.29 | -64.65 |

5.15-5.25GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Other [AV]

5180MHz



Limit.AV
Sum.AV
Port 1
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 1G | 4.5G | 1M | AV | 4.25631G | -71.09 | -73.97 | -74.24 |



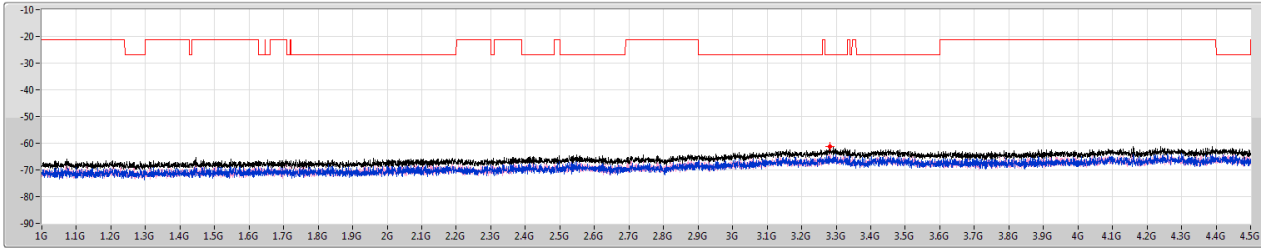
Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6

5.25-5.35GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Other [PK]

5320MHz

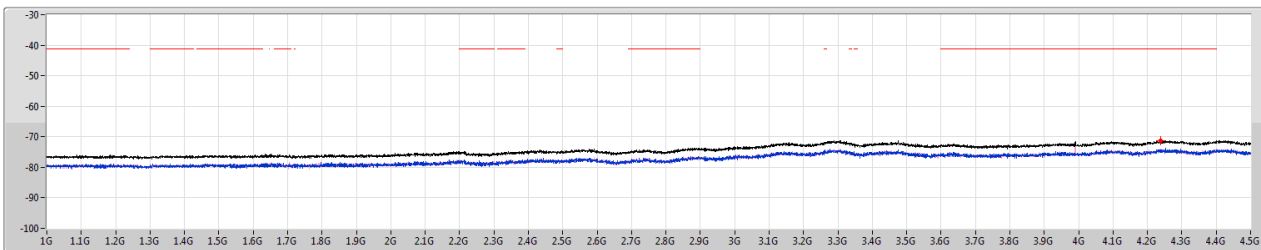


| F.Start(Hz) | F.Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 1G | 4.5G | 1M | PK | 3.28069G | -61.17 | -65.54 | -63.14 |

5.25-5.35GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Other [AV]

5320MHz

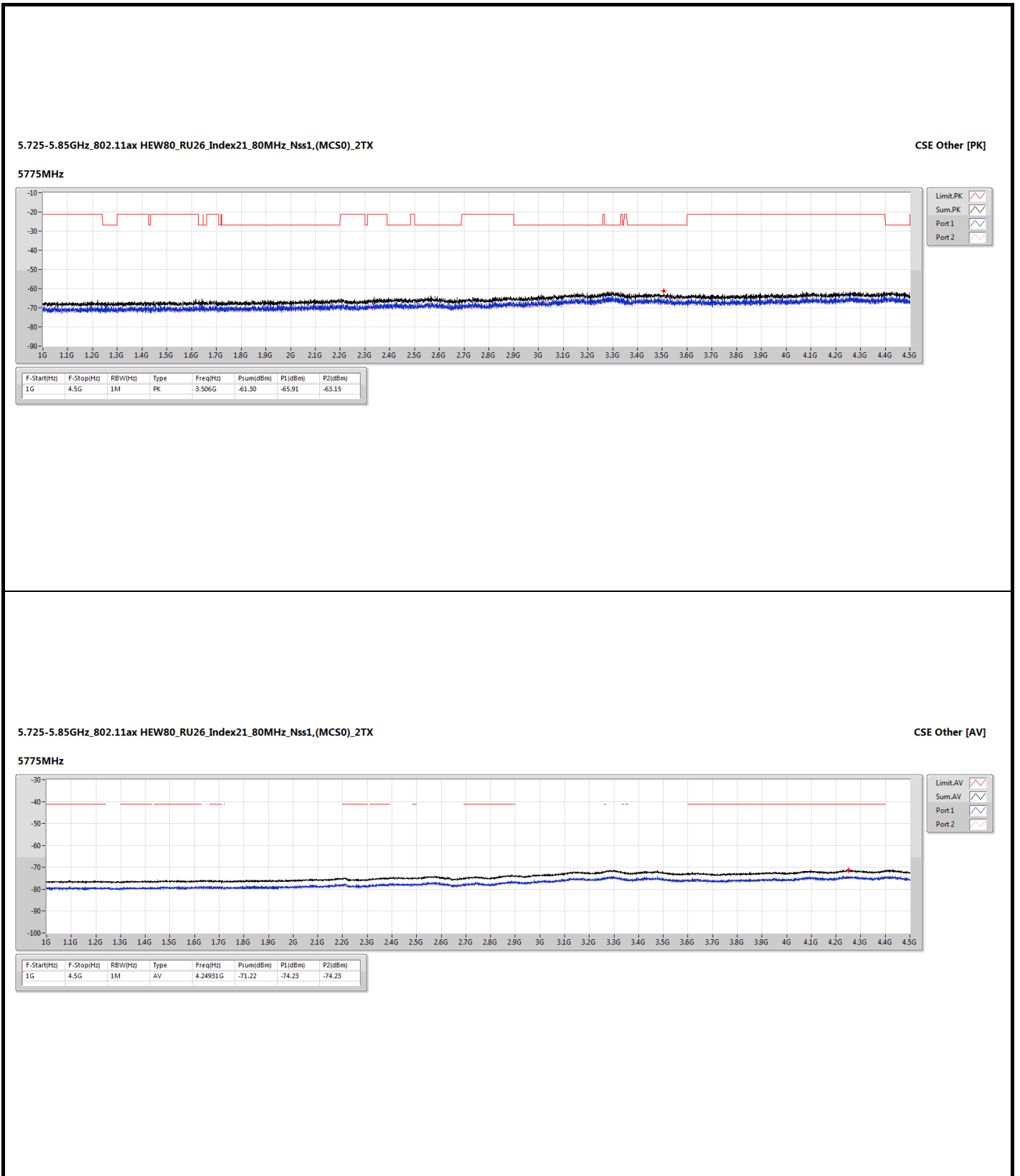


| F.Start(Hz) | F.Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 1G | 4.5G | 1M | AV | 4.29925G | -71.16 | -74.31 | -74.03 |



Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6





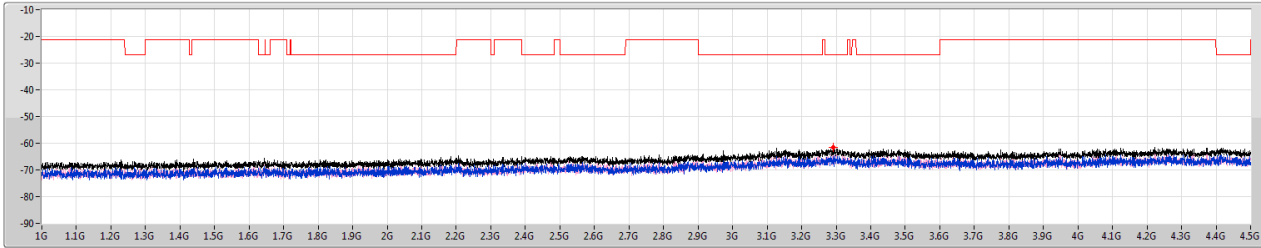
Unwanted Conducted Emissions(1G~4.5GHz) - ST M.2, PCIe Module

Appendix D.6

5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE Other [PK]

5530MHz

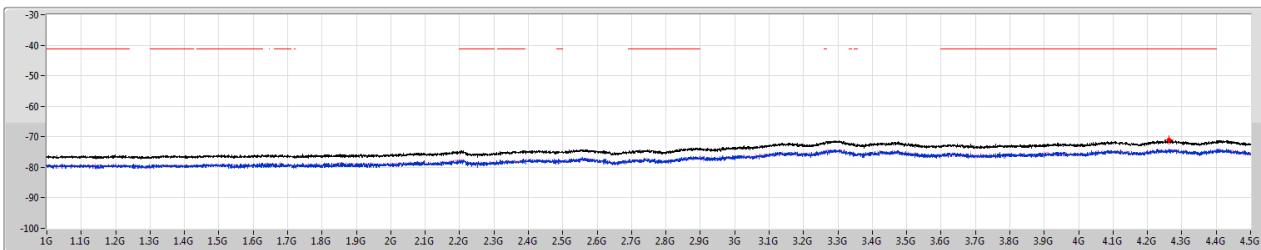


| F.Start(Hz) | F.Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 1G | 4.5G | 1M | PK | 3.2925G | -61.53 | -65.98 | -63.46 |

5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE Other [AV]

5530MHz



| F.Start(Hz) | F.Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 1G | 4.5G | 1M | AV | 4.26244G | -71.11 | -73.98 | -74.26 |



**Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module**

Appendix D.7

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|------------|-------------|-------------|
| 5.15-5.25GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | Pass | 5.1G | 5.15G | AV | 5.1499G | 7.41 | -55.76 | -55.96 | -52.85 | -45.44 | -41.20 | -4.24 |
| 802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX | Pass | 5.1G | 5.15G | AV | 5.14935G | 7.41 | -54.31 | -54.31 | -51.30 | -43.89 | -41.20 | -2.69 |
| 5.25-5.35GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | Pass | 5.35G | 5.38G | AV | 5.35063G | 7.41 | -54.85 | -54.33 | -51.57 | -44.16 | -41.20 | -2.96 |
| 802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX | Pass | 5.35G | 5.38G | AV | 5.35G | 7.41 | -55.65 | -55.65 | -52.64 | -45.23 | -41.20 | -4.03 |
| 5.47-5.725GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX | Pass | 5.46G | 5.47G | PK | 5.46995G | 7.41 | -40.56 | -43.89 | -38.90 | -31.49 | -27.00 | -4.49 |
| 802.11ax HEW80_RU484_Index66_80MHz_Nss1,(MCS0)_2TX | Pass | 5.35G | 5.47G | AV | 5.44852G | 7.41 | -62.11 | -61.66 | -58.87 | -51.46 | -41.20 | -10.26 |
| 5.725-5.85GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX | Pass | 5.65G | 5.7G | PK | 5.6602G | 7.41 | -31.12 | -42.24 | -30.80 | -23.39 | -19.45 | -3.94 |
| 802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX | Pass | 5.65G | 5.7G | PK | 5.6528G | 7.41 | -43.33 | -38.96 | -37.61 | -30.20 | -24.93 | -5.27 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|------------|-------------|-------------|
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5180MHz | Pass | 4.5G | 5.1G | AV | 5.0907G | 7.41 | -58.27 | -57.56 | -54.89 | -47.48 | -41.20 | -6.28 |
| 5180MHz | Pass | 5.1G | 5.15G | AV | 5.1499G | 7.41 | -55.76 | -55.96 | -52.85 | -45.44 | -41.20 | -4.24 |
| 5180MHz | Pass | 5.35G | 5.38G | AV | 5.35267G | 7.41 | -58.36 | -57.34 | -54.81 | -47.40 | -41.20 | -6.20 |
| 5180MHz | Pass | 5.38G | 7G | AV | 5.38608G | 7.41 | -58.20 | -57.67 | -54.92 | -47.51 | -41.20 | -6.31 |
| 5180MHz | Pass | 4.5G | 5.1G | PK | 5.0154G | 7.41 | -48.72 | -46.69 | -44.58 | -37.17 | -21.20 | -15.97 |
| 5180MHz | Pass | 5.1G | 5.15G | PK | 5.14905G | 7.41 | -45.15 | -44.59 | -41.85 | -34.44 | -21.20 | -13.24 |
| 5180MHz | Pass | 5.35G | 5.38G | PK | 5.36239G | 7.41 | -48.28 | -44.87 | -43.24 | -35.83 | -21.20 | -14.63 |
| 5180MHz | Pass | 5.38G | 7G | PK | 6.98704G | 7.41 | -44.42 | -45.13 | -41.75 | -34.34 | -27.00 | -7.34 |
| 5320MHz | Pass | 4.5G | 5.1G | AV | 5.0964G | 7.41 | -59.34 | -58.04 | -55.63 | -48.22 | -41.20 | -7.02 |
| 5320MHz | Pass | 5.1G | 5.15G | AV | 5.1427G | 7.41 | -58.89 | -57.12 | -54.91 | -47.50 | -41.20 | -6.30 |
| 5320MHz | Pass | 5.35G | 5.38G | AV | 5.35063G | 7.41 | -54.85 | -54.33 | -51.57 | -44.16 | -41.20 | -2.96 |
| 5320MHz | Pass | 5.38G | 7G | AV | 5.38729G | 7.41 | -57.42 | -57.17 | -54.28 | -46.87 | -41.20 | -5.67 |
| 5320MHz | Pass | 4.5G | 5.1G | PK | 4.578G | 7.41 | -47.80 | -48.35 | -45.06 | -37.65 | -21.20 | -16.45 |
| 5320MHz | Pass | 5.1G | 5.15G | PK | 5.1303G | 7.41 | -47.33 | -46.18 | -43.71 | -36.30 | -21.20 | -15.10 |
| 5320MHz | Pass | 5.35G | 5.38G | PK | 5.35084G | 7.41 | -42.89 | -44.93 | -40.78 | -33.37 | -21.20 | -12.17 |
| 5320MHz | Pass | 5.38G | 7G | PK | 6.96922G | 7.41 | -46.57 | -45.34 | -42.90 | -35.49 | -27.00 | -8.49 |
| 802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5180MHz | Pass | 4.5G | 5.1G | AV | 5.0091G | 7.41 | -58.68 | -57.85 | -55.23 | -47.82 | -41.20 | -6.62 |
| 5180MHz | Pass | 5.1G | 5.15G | AV | 5.14935G | 7.41 | -54.31 | -54.31 | -51.30 | -43.89 | -41.20 | -2.69 |
| 5180MHz | Pass | 5.35G | 5.38G | AV | 5.37883G | 7.41 | -58.79 | -57.21 | -54.92 | -47.51 | -41.20 | -6.31 |
| 5180MHz | Pass | 5.38G | 7G | AV | 5.38729G | 7.41 | -58.47 | -57.67 | -55.04 | -47.63 | -41.20 | -6.43 |



Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module

Appendix D.7

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|------------|-------------|-------------|
| 5180MHz | Pass | 4.5G | 5.1G | PK | 4.9866G | 7.41 | -50.80 | -46.53 | -45.15 | -37.74 | -21.20 | -16.54 |
| 5180MHz | Pass | 5.1G | 5.15G | PK | 5.1492G | 7.41 | -43.47 | -43.23 | -40.34 | -32.93 | -21.20 | -11.73 |
| 5180MHz | Pass | 5.35G | 5.38G | PK | 5.35609G | 7.41 | -45.94 | -47.27 | -43.54 | -36.13 | -21.20 | -14.93 |
| 5180MHz | Pass | 5.38G | 7G | PK | 6.76713G | 7.41 | -44.92 | -49.18 | -43.54 | -36.13 | -27.00 | -9.13 |
| 5320MHz | Pass | 4.5G | 5.1G | AV | 4.9638G | 7.41 | -58.45 | -58.45 | -55.44 | -48.03 | -41.20 | -6.83 |
| 5320MHz | Pass | 5.1G | 5.15G | AV | 5.1496G | 7.41 | -58.37 | -56.87 | -54.55 | -47.14 | -41.20 | -5.94 |
| 5320MHz | Pass | 5.35G | 5.38G | AV | 5.35G | 7.41 | -55.65 | -55.65 | -52.64 | -45.23 | -41.20 | -4.03 |
| 5320MHz | Pass | 5.38G | 7G | AV | 5.39661G | 7.41 | -57.48 | -56.74 | -54.08 | -46.67 | -41.20 | -5.47 |
| 5320MHz | Pass | 4.5G | 5.1G | PK | 4.9797G | 7.41 | -47.92 | -48.36 | -45.12 | -37.71 | -21.20 | -16.51 |
| 5320MHz | Pass | 5.1G | 5.15G | PK | 5.14G | 7.41 | -47.88 | -43.72 | -42.31 | -34.90 | -21.20 | -13.70 |
| 5320MHz | Pass | 5.35G | 5.38G | PK | 5.35039G | 7.41 | -42.42 | -44.72 | -40.41 | -33.00 | -21.20 | -11.80 |
| 5320MHz | Pass | 5.38G | 7G | PK | 6.919G | 7.41 | -47.74 | -44.63 | -42.90 | -35.49 | -27.00 | -8.49 |
| 802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5775MHz | Pass | 4.5G | 5.6G | AV | 5.45205G | 7.41 | -58.32 | -58.32 | -55.31 | -47.90 | -41.20 | -6.70 |
| 5775MHz | Pass | 4.5G | 5.6G | PK | 5.5868G | 7.41 | -49.33 | -44.51 | -43.27 | -35.86 | -27.00 | -8.86 |
| 5775MHz | Pass | 5.6G | 5.65G | PK | 5.62255G | 7.41 | -46.07 | -42.58 | -40.97 | -33.56 | -27.00 | -6.56 |
| 5775MHz | Pass | 5.65G | 5.7G | PK | 5.6602G | 7.41 | -31.12 | -42.24 | -30.80 | -23.39 | -19.45 | -3.94 |
| 5775MHz | Pass | 5.7G | 5.72G | PK | 5.70008G | 7.41 | -34.77 | -26.63 | -26.01 | -18.60 | 10.02 | -28.62 |
| 5775MHz | Pass | 5.72G | 5.725G | PK | 5.7202G | 7.41 | -39.69 | -29.71 | -29.29 | -21.88 | 16.04 | -37.92 |
| 5775MHz | Pass | 5.85G | 5.855G | PK | 5.85455G | 7.41 | -44.36 | -42.86 | -40.54 | -33.13 | 16.63 | -49.76 |
| 5775MHz | Pass | 5.855G | 5.875G | PK | 5.87428G | 7.41 | -45.65 | -42.56 | -40.83 | -33.42 | 10.20 | -43.62 |
| 5775MHz | Pass | 5.875G | 5.925G | PK | 5.92445G | 7.41 | -46.31 | -42.44 | -40.95 | -33.54 | -26.59 | -6.95 |
| 5775MHz | Pass | 5.925G | 7G | PK | 6.95431G | 7.41 | -45.84 | -44.77 | -42.26 | -34.85 | -27.00 | -7.85 |
| 802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5775MHz | Pass | 4.5G | 5.6G | AV | 5.0907G | 7.41 | -58.03 | -57.56 | -54.78 | -47.37 | -41.20 | -6.17 |
| 5775MHz | Pass | 4.5G | 5.6G | PK | 5.59377G | 7.41 | -48.47 | -44.54 | -43.06 | -35.65 | -27.00 | -8.65 |
| 5775MHz | Pass | 5.6G | 5.65G | PK | 5.63855G | 7.41 | -47.06 | -43.00 | -41.56 | -34.15 | -27.00 | -7.15 |
| 5775MHz | Pass | 5.65G | 5.7G | PK | 5.6528G | 7.41 | -43.33 | -38.96 | -37.61 | -30.20 | -24.93 | -5.27 |
| 5775MHz | Pass | 5.7G | 5.72G | PK | 5.70024G | 7.41 | -45.61 | -37.27 | -36.68 | -29.27 | 10.07 | -39.34 |
| 5775MHz | Pass | 5.72G | 5.725G | PK | 5.72059G | 7.41 | -45.78 | -38.50 | -37.76 | -30.35 | 16.95 | -47.30 |
| 5775MHz | Pass | 5.85G | 5.855G | PK | 5.855G | 7.41 | -34.46 | -30.49 | -29.03 | -21.62 | 15.61 | -37.23 |
| 5775MHz | Pass | 5.855G | 5.875G | PK | 5.87012G | 7.41 | -39.10 | -31.24 | -30.58 | -23.17 | 11.37 | -34.54 |
| 5775MHz | Pass | 5.875G | 5.925G | PK | 5.9249G | 7.41 | -45.60 | -43.57 | -41.46 | -34.05 | -26.93 | -7.12 |
| 5775MHz | Pass | 5.925G | 7G | PK | 5.92715G | 7.41 | -45.90 | -43.75 | -41.68 | -34.27 | -27.00 | -7.27 |
| 802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5530MHz | Pass | 4.5G | 5.35G | AV | 5.35G | 7.41 | -63.47 | -62.45 | -59.92 | -52.51 | -41.20 | -11.31 |
| 5530MHz | Pass | 5.35G | 5.47G | AV | 5.4598G | 7.41 | -61.00 | -60.40 | -57.68 | -50.27 | -41.20 | -9.07 |
| 5530MHz | Pass | 4.5G | 5.35G | PK | 5.20975G | 7.41 | -52.58 | -52.42 | -49.49 | -42.08 | -27.00 | -15.08 |
| 5530MHz | Pass | 5.35G | 5.46G | PK | 5.45912G | 7.41 | -46.42 | -49.47 | -44.67 | -37.26 | -21.20 | -16.06 |
| 5530MHz | Pass | 5.46G | 5.47G | PK | 5.46995G | 7.41 | -40.56 | -43.89 | -38.90 | -31.49 | -27.00 | -4.49 |
| 5530MHz | Pass | 5.725G | 5.75G | PK | 5.74673G | 7.41 | -51.31 | -50.08 | -47.64 | -40.23 | -27.00 | -13.23 |
| 5530MHz | Pass | 5.75G | 7G | PK | 6.93688G | 7.41 | -51.76 | -49.52 | -47.49 | -40.08 | -27.00 | -13.08 |
| 802.11ax HEW80_RU484_Index66_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |



**Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module**

Appendix D.7

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---------|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|------------|-------------|-------------|
| 5530MHz | Pass | 4.5G | 5.35G | AV | 5.35G | 7.41 | -63.47 | -62.69 | -60.05 | -52.64 | -41.20 | -11.44 |
| 5530MHz | Pass | 5.35G | 5.47G | AV | 5.44852G | 7.41 | -62.11 | -61.66 | -58.87 | -51.46 | -41.20 | -10.26 |
| 5530MHz | Pass | 4.5G | 5.35G | PK | 5.282G | 7.41 | -54.26 | -52.50 | -50.28 | -42.87 | -27.00 | -15.87 |
| 5530MHz | Pass | 5.35G | 5.46G | PK | 5.38465G | 7.41 | -53.83 | -50.13 | -48.59 | -41.18 | -21.20 | -19.98 |
| 5530MHz | Pass | 5.46G | 5.47G | PK | 5.46906G | 7.41 | -51.62 | -49.46 | -47.40 | -39.99 | -27.00 | -12.99 |
| 5530MHz | Pass | 5.725G | 5.75G | PK | 5.74698G | 7.41 | -50.85 | -50.08 | -47.44 | -40.03 | -27.00 | -13.03 |
| 5530MHz | Pass | 5.75G | 7G | PK | 6.95875G | 7.41 | -50.24 | -52.03 | -48.03 | -40.62 | -27.00 | -13.62 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



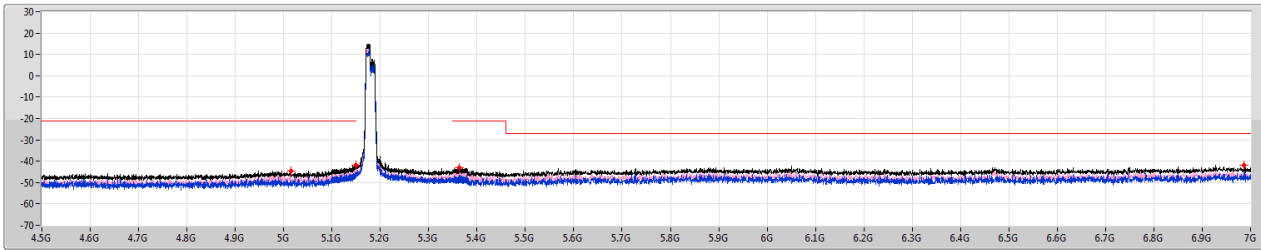
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.15-5.25GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5180MHz



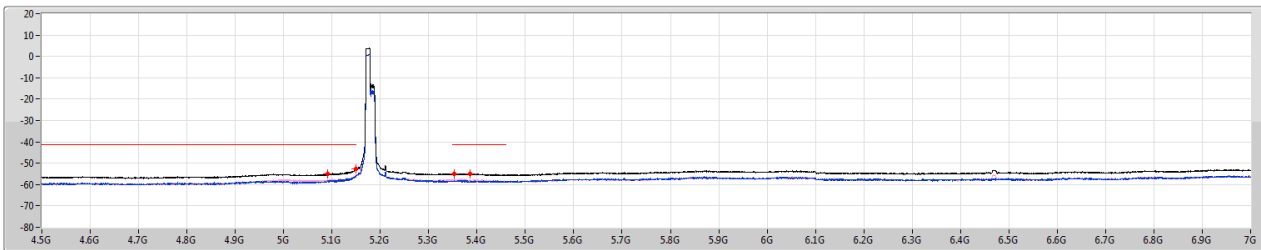
- Limit.PK
- Sum.PK
- Port 1
- Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | PK | 5.0154G | -44.58 | -48.72 | -46.69 |
| 5.1G | 5.15G | 1M | PK | 5.14905G | -41.85 | -45.15 | -44.59 |
| 5.35G | 5.38G | 1M | PK | 5.36239G | -43.24 | -48.28 | -44.87 |
| 5.38G | 7G | 1M | PK | 6.98704G | -41.75 | -44.42 | -45.13 |

5.15-5.25GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5180MHz



- Limit.AV
- Sum.AV
- Port 1
- Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | AV | 5.0907G | -54.89 | -58.27 | -57.56 |
| 5.1G | 5.15G | 1M | AV | 5.1499G | -52.85 | -55.76 | -55.96 |
| 5.35G | 5.38G | 1M | AV | 5.35267G | -54.81 | -58.36 | -57.34 |
| 5.38G | 7G | 1M | AV | 5.38666G | -54.92 | -58.20 | -57.67 |



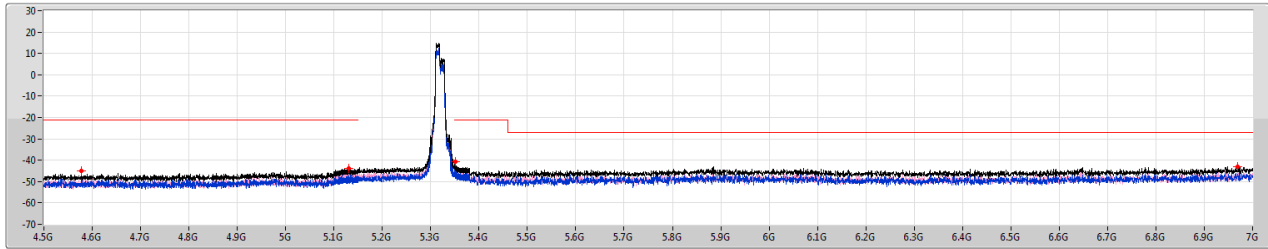
**Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module**

Appendix D.7

5.25-5.35GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5320MHz



Limit:PK

Sum:PK

Port:1

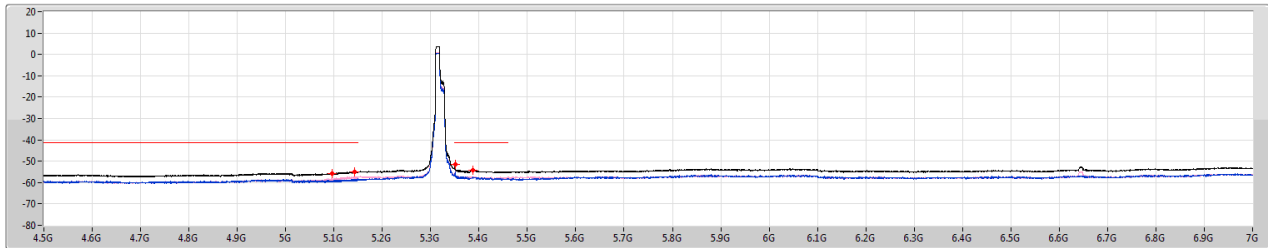
Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | PK | 4.578G | -45.06 | -47.80 | -48.35 |
| 5.1G | 5.15G | 1M | PK | 5.1303G | -43.71 | -47.33 | -46.18 |
| 5.35G | 5.38G | 1M | PK | 5.35084G | -40.78 | -42.89 | -44.93 |
| 5.38G | 7G | 1M | PK | 6.96922G | -42.90 | -46.57 | -45.34 |

5.25-5.35GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5320MHz



Limit:AV

Sum:AV

Port:1

Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | AV | 5.0964G | -55.63 | -59.34 | -58.04 |
| 5.1G | 5.15G | 1M | AV | 5.1427G | -54.91 | -58.89 | -57.12 |
| 5.35G | 5.38G | 1M | AV | 5.35063G | -51.57 | -54.85 | -54.33 |
| 5.38G | 7G | 1M | AV | 5.38729G | -54.28 | -57.42 | -57.17 |



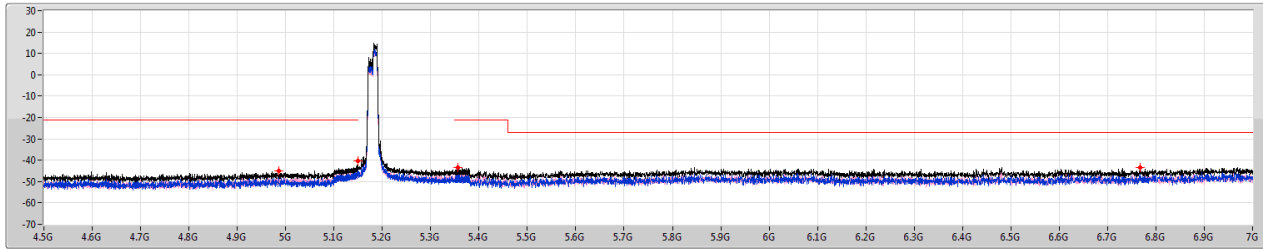
**Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module**

Appendix D.7

5.15-5.25GHz_802.11ax_HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5180MHz



Limit:PK

Sum:PK

Port:1

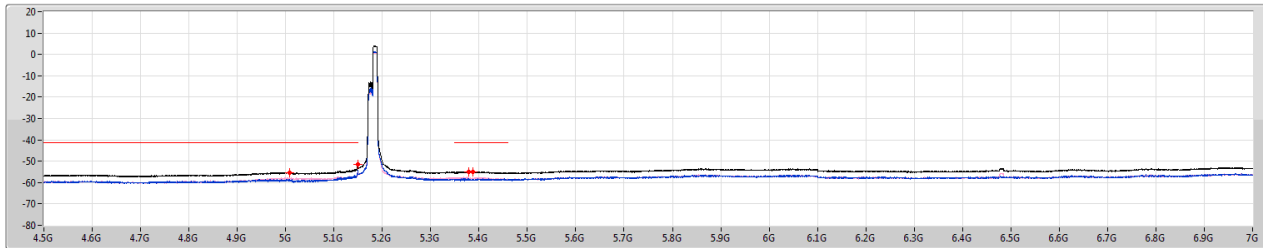
Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | PK | 4.9866G | -45.15 | -50.80 | -46.53 |
| 5.1G | 5.15G | 1M | PK | 5.1492G | -40.34 | -43.47 | -43.23 |
| 5.35G | 5.38G | 1M | PK | 5.35609G | -43.54 | -45.94 | -47.27 |
| 5.38G | 7G | 1M | PK | 6.76713G | -43.54 | -44.92 | -49.18 |

5.15-5.25GHz_802.11ax_HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5180MHz



Limit:AV

Sum:AV

Port:1

Port:2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | AV | 5.0091G | -55.23 | -58.68 | -57.85 |
| 5.1G | 5.15G | 1M | AV | 5.14935G | -51.30 | -54.31 | -54.31 |
| 5.35G | 5.38G | 1M | AV | 5.37883G | -54.92 | -58.79 | -57.21 |
| 5.38G | 7G | 1M | AV | 5.38729G | -55.04 | -58.47 | -57.67 |



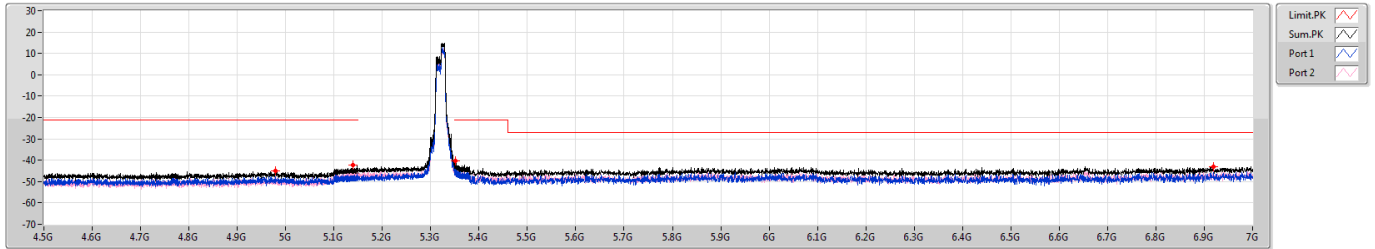
**Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module**

Appendix D.7

5.25-5.35GHz_802.11ax_HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5320MHz

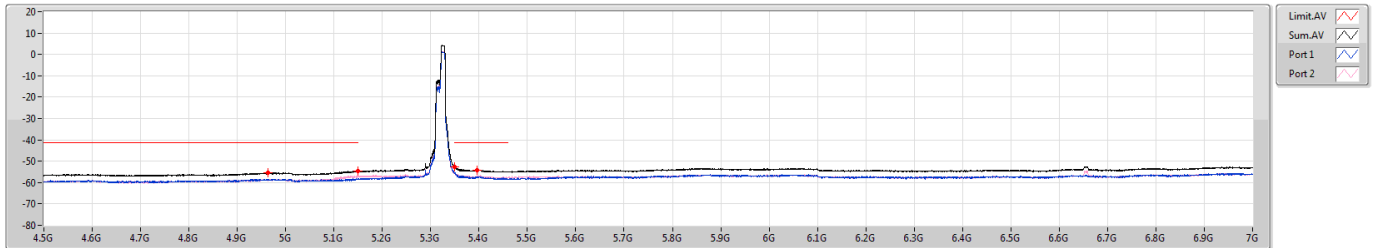


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | PK | 4.9797G | -45.12 | -47.92 | -48.36 |
| 5.1G | 5.15G | 1M | PK | 5.14G | -42.31 | -47.88 | -43.72 |
| 5.35G | 5.38G | 1M | PK | 5.35039G | -40.41 | -42.42 | -44.72 |
| 5.38G | 7G | 1M | PK | 6.919G | -42.90 | -47.74 | -44.63 |

5.25-5.35GHz_802.11ax_HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5320MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.1G | 1M | AV | 4.9638G | -55.44 | -58.45 | -58.45 |
| 5.1G | 5.15G | 1M | AV | 5.1496G | -54.55 | -58.37 | -56.87 |
| 5.35G | 5.38G | 1M | AV | 5.35G | -52.64 | -55.65 | -55.65 |
| 5.38G | 7G | 1M | AV | 5.39661G | -54.08 | -57.48 | -56.74 |



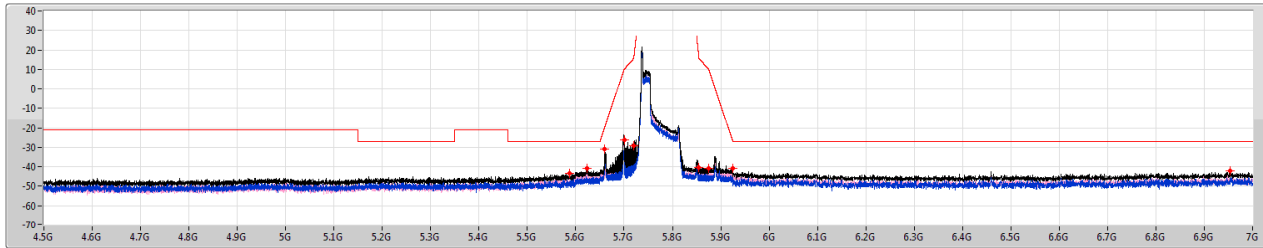
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.725-5.85GHz_802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5775MHz



Limit.PK

Sum.PK

Port 1

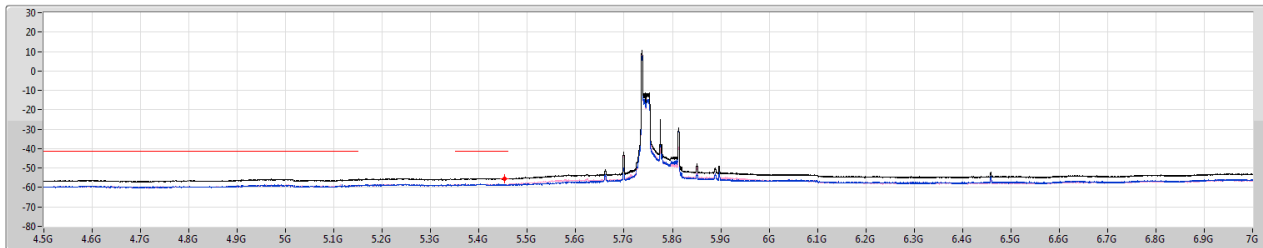
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.6G | 1M | PK | 5.5868G | -43.27 | -49.33 | -44.51 |
| 5.6G | 5.65G | 1M | PK | 5.62255G | -40.97 | -46.07 | -42.58 |
| 5.65G | 5.7G | 1M | PK | 5.6602G | -38.80 | -31.12 | -42.24 |
| 5.7G | 5.72G | 1M | PK | 5.70086G | -26.01 | -34.77 | -26.63 |
| 5.72G | 5.725G | 1M | PK | 5.7202G | -29.29 | -39.69 | -29.71 |
| 5.85G | 5.855G | 1M | PK | 5.85455G | -40.54 | -44.36 | -42.86 |
| 5.855G | 5.875G | 1M | PK | 5.87428G | -40.83 | -45.65 | -42.56 |
| 5.875G | 5.925G | 1M | PK | 5.92445G | -40.95 | -46.31 | -42.44 |
| 5.925G | 7G | 1M | PK | 6.95431G | -42.26 | -45.84 | -44.77 |

5.725-5.85GHz_802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5775MHz



Limit.AV

Sum.AV

Port 1

Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.6G | 1M | AV | 5.45205G | -55.31 | -58.32 | -58.32 |



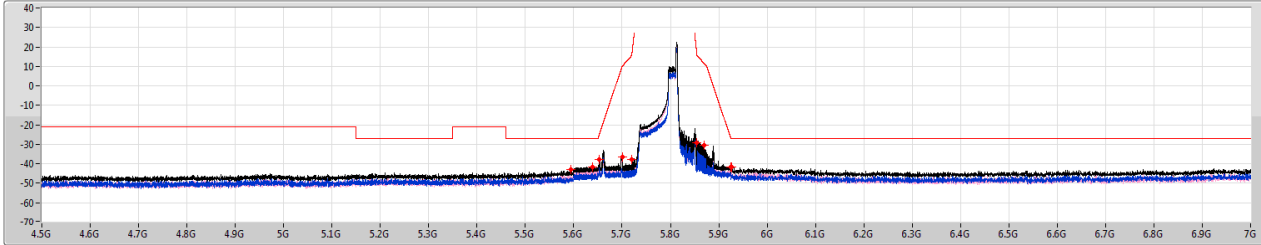
Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7

5.725-5.85GHz_802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5775MHz



Limit.PK

Sum.PK

Port 1

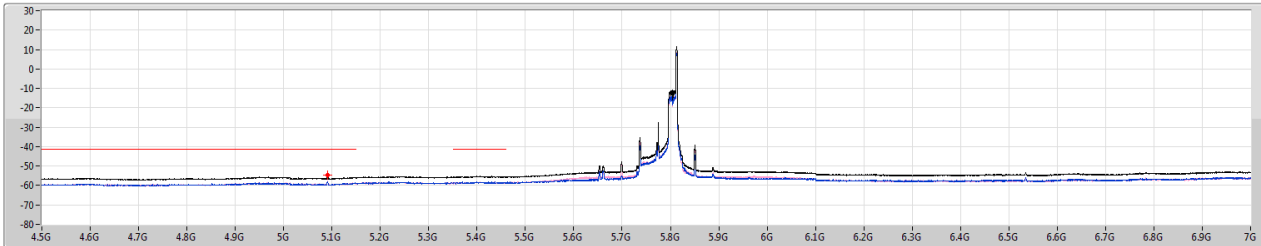
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.6G | 1M | PK | 5.59377G | -43.06 | -48.47 | -44.54 |
| 5.6G | 5.65G | 1M | PK | 5.63855G | -41.56 | -47.06 | -43.00 |
| 5.65G | 5.7G | 1M | PK | 5.6528G | -37.61 | -43.33 | -38.96 |
| 5.7G | 5.72G | 1M | PK | 5.70024G | -36.68 | -45.61 | -37.27 |
| 5.72G | 5.725G | 1M | PK | 5.72059G | -37.76 | -45.78 | -38.50 |
| 5.85G | 5.855G | 1M | PK | 5.855G | -29.03 | -34.46 | -30.49 |
| 5.855G | 5.875G | 1M | PK | 5.87012G | -30.58 | -39.10 | -31.24 |
| 5.875G | 5.925G | 1M | PK | 5.9249G | -41.46 | -45.60 | -43.57 |
| 5.925G | 7G | 1M | PK | 5.92715G | -41.68 | -45.90 | -43.75 |

5.725-5.85GHz_802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5775MHz



Limit.AV

Sum.AV

Port 1

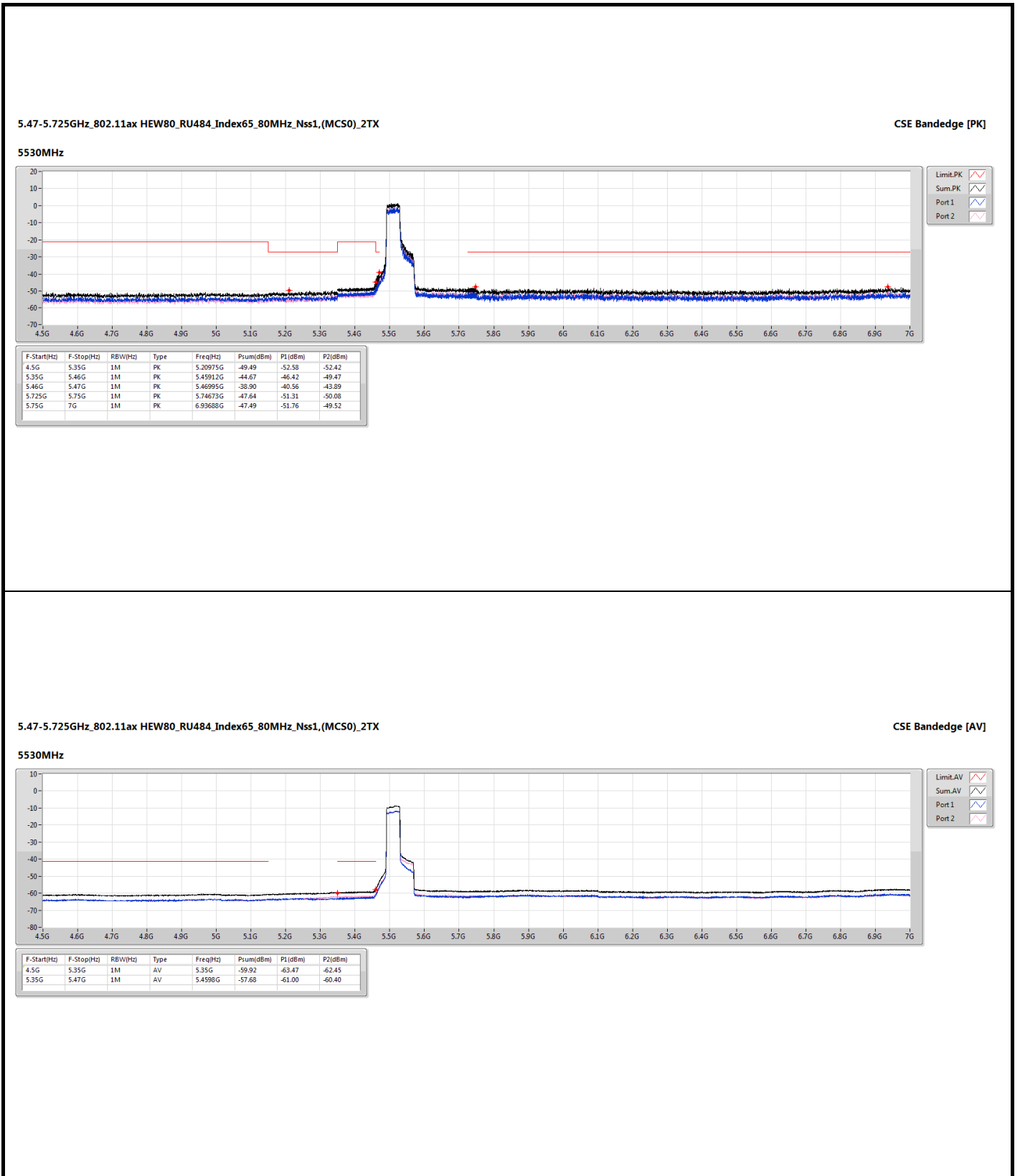
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|---------|
| 4.5G | 5.6G | 1M | AV | 5.0907G | -54.78 | -58.03 | -57.56 |



**Unwanted Conducted Emissions(4.5~7GHz)
- ST M.2, PCIe Module**

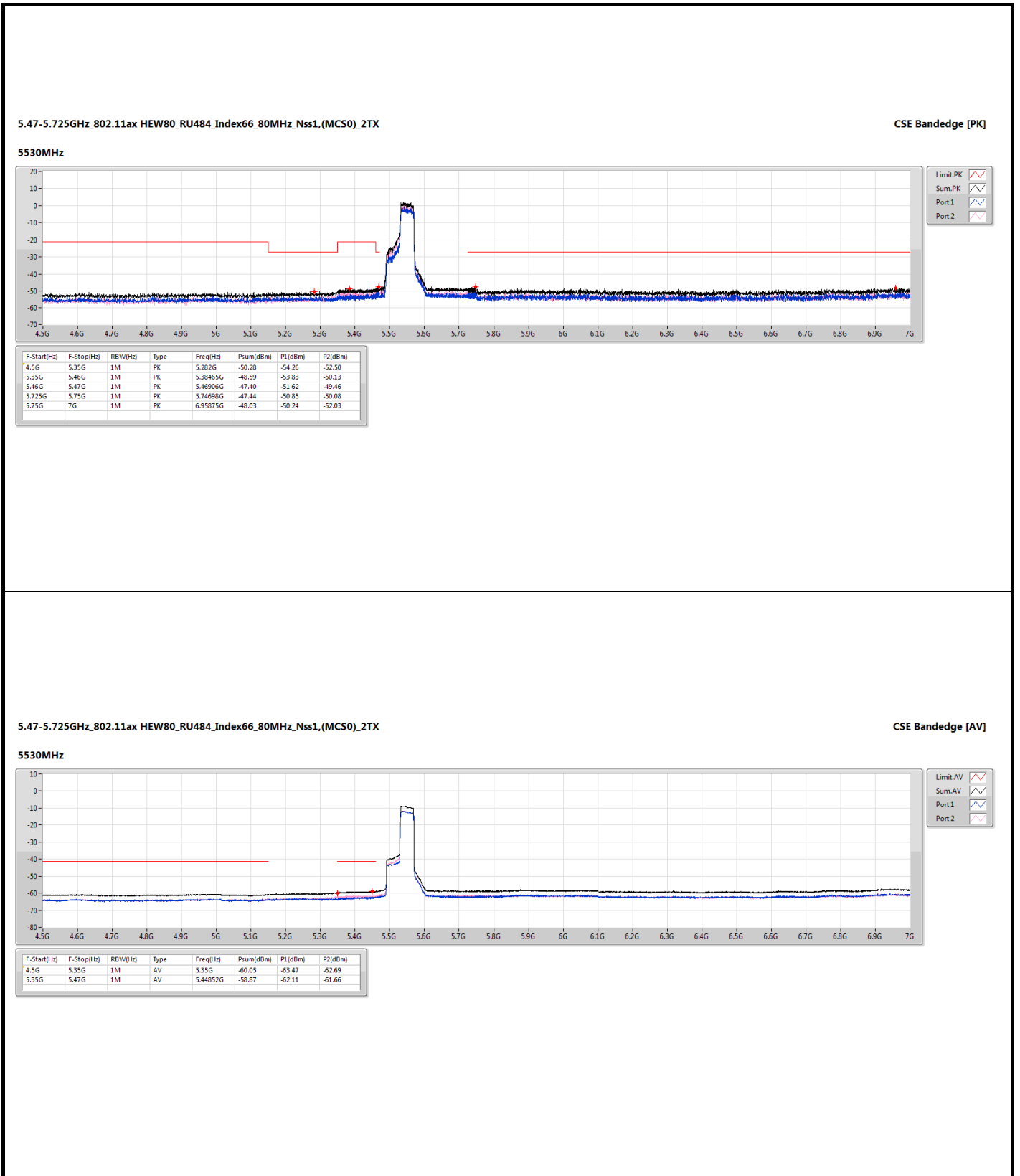
Appendix D.7





Unwanted Conducted Emissions(4.5~7GHz) - ST M.2, PCIe Module

Appendix D.7





**Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module**

Appendix D.8

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | EIRP (dBm) | Psum (dBm) | P2 (dBm) | P1 (dBm) | Limit (dBm) | Margin (dB) | DG (dBi) |
|---|--------|--------------|-------------|------|------------|------------|----------|----------|-------------|-------------|----------|
| 5.15-5.25GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | Pass | 18G | 40G | AV | -47.36 | -54.77 | -57.91 | -57.66 | -41.20 | -6.16 | 7.41 |
| 5.25-5.35GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | Pass | 18G | 40G | AV | -47.38 | -54.79 | -57.74 | -57.87 | -41.20 | -6.18 | 7.41 |
| 5.47-5.725GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX | Pass | 18G | 40G | AV | -47.47 | -54.88 | -57.58 | -58.23 | -41.20 | -6.27 | 7.41 |
| 5.725-5.85GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX | Pass | 18G | 40G | AV | -47.53 | -54.94 | -58.43 | -57.51 | -41.20 | -6.33 | 7.41 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---|--------|--------------|-------------|------|-----------|----------|----------|----------|------------|------------|-------------|-------------|
| 802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5180MHz | Pass | 7G | 18G | AV | 10.60009G | 7.41 | -72.36 | -72.56 | -69.45 | -62.04 | -41.20 | -20.84 |
| 5180MHz | Pass | 7G | 18G | AV | 15.52191G | 7.41 | -68.08 | -66.21 | -64.03 | -56.62 | -41.20 | -15.42 |
| 5180MHz | Pass | 7G | 18G | AV | 15.73641G | 7.41 | -64.79 | -65.55 | -62.14 | -54.73 | -41.20 | -13.53 |
| 5180MHz | Pass | 18G | 40G | AV | 39.57375G | 7.41 | -57.66 | -57.91 | -54.77 | -47.36 | -41.20 | -6.16 |
| 5180MHz | Pass | 7G | 18G | PK | 10.35019G | 7.41 | -59.28 | -59.79 | -56.52 | -49.11 | -27.00 | -22.11 |
| 5180MHz | Pass | 7G | 18G | PK | 15.52259G | 7.41 | -60.37 | -58.23 | -56.16 | -48.75 | -21.20 | -27.55 |
| 5180MHz | Pass | 7G | 18G | PK | 16.45656G | 7.41 | -56.06 | -56.20 | -53.12 | -45.71 | -27.00 | -18.71 |
| 5180MHz | Pass | 18G | 40G | PK | 38.13275G | 7.41 | -48.62 | -49.45 | -46.00 | -38.59 | -27.00 | -11.59 |
| 5320MHz | Pass | 7G | 18G | AV | 10.62897G | 7.41 | -65.68 | -67.57 | -63.51 | -56.10 | -41.20 | -14.90 |
| 5320MHz | Pass | 7G | 18G | AV | 15.74397G | 7.41 | -65.36 | -65.63 | -62.48 | -55.07 | -41.20 | -13.87 |
| 5320MHz | Pass | 7G | 18G | AV | 15.97084G | 7.41 | -65.90 | -66.35 | -63.11 | -55.70 | -41.20 | -14.50 |
| 5320MHz | Pass | 18G | 40G | AV | 39.85081G | 7.41 | -57.87 | -57.74 | -54.79 | -47.38 | -41.20 | -6.18 |
| 5320MHz | Pass | 7G | 18G | PK | 10.62794G | 7.41 | -56.10 | -61.69 | -55.04 | -47.63 | -21.20 | -26.43 |
| 5320MHz | Pass | 7G | 18G | PK | 15.97428G | 7.41 | -57.88 | -58.54 | -55.19 | -47.78 | -21.20 | -26.58 |
| 5320MHz | Pass | 7G | 18G | PK | 16.44522G | 7.41 | -56.76 | -55.92 | -53.31 | -45.90 | -27.00 | -18.90 |
| 5320MHz | Pass | 18G | 40G | PK | 38.13481G | 7.41 | -48.52 | -50.14 | -46.24 | -38.83 | -27.00 | -11.83 |
| 802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5775MHz | Pass | 7G | 18G | AV | 7.70641G | 7.41 | -67.01 | -56.58 | -56.20 | -48.79 | -41.20 | -7.59 |
| 5775MHz | Pass | 7G | 18G | AV | 11.56328G | 7.41 | -63.92 | -67.55 | -62.36 | -54.95 | -41.20 | -13.75 |
| 5775MHz | Pass | 7G | 18G | AV | 17.70025G | 7.41 | -67.39 | -66.55 | -63.94 | -56.53 | -41.20 | -15.33 |
| 5775MHz | Pass | 18G | 40G | AV | 39.88931G | 7.41 | -57.51 | -58.43 | -54.94 | -47.53 | -41.20 | -6.33 |
| 5775MHz | Pass | 7G | 18G | PK | 11.56328G | 7.41 | -53.74 | -57.27 | -52.15 | -44.74 | -21.20 | -23.54 |
| 5775MHz | Pass | 7G | 18G | PK | 17.34481G | 7.41 | -49.11 | -54.25 | -47.95 | -40.54 | -27.00 | -13.54 |
| 5775MHz | Pass | 18G | 40G | PK | 38.14444G | 7.41 | -50.28 | -48.87 | -46.51 | -39.10 | -27.00 | -12.10 |
| 802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 5530MHz | Pass | 7G | 18G | AV | 11.12878G | 7.41 | -71.70 | -71.32 | -68.50 | -61.09 | -41.20 | -19.89 |



**Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module**

Appendix D.8

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | P1 (dBm) | P2 (dBm) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---------|--------|-----------------|----------------|------|--------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 5530MHz | Pass | 7G | 18G | AV | 15.745G | 7.41 | -65.49 | -64.85 | -62.15 | -54.74 | -41.20 | -13.54 |
| 5530MHz | Pass | 7G | 18G | AV | 16.19978G | 7.41 | -68.25 | -68.06 | -65.14 | -57.73 | -41.20 | -16.53 |
| 5530MHz | Pass | 18G | 40G | AV | 39.97388G | 7.41 | -58.23 | -57.58 | -54.88 | -47.47 | -41.20 | -6.27 |
| 5530MHz | Pass | 7G | 18G | PK | 11.04834G | 7.41 | -62.97 | -63.48 | -60.21 | -52.80 | -21.20 | -31.60 |
| 5530MHz | Pass | 7G | 18G | PK | 16.42184G | 7.41 | -55.54 | -57.04 | -53.22 | -45.81 | -27.00 | -18.81 |
| 5530MHz | Pass | 7G | 18G | PK | 16.56072G | 7.41 | -57.22 | -58.09 | -54.62 | -47.21 | -27.00 | -20.21 |
| 5530MHz | Pass | 18G | 40G | PK | 37.569G | 7.41 | -50.22 | -48.90 | -46.50 | -39.09 | -27.00 | -12.09 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

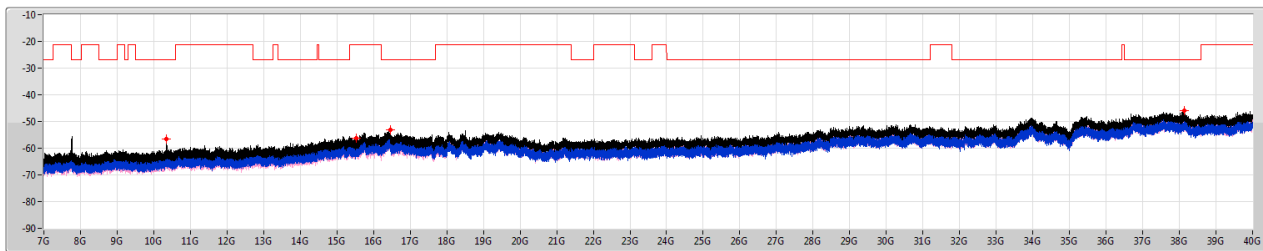


**Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module**

5.15-5.25GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MC50)_2TX

CSE [PK]

5180MHz



Limit.PK

Sum.PK

Port 1

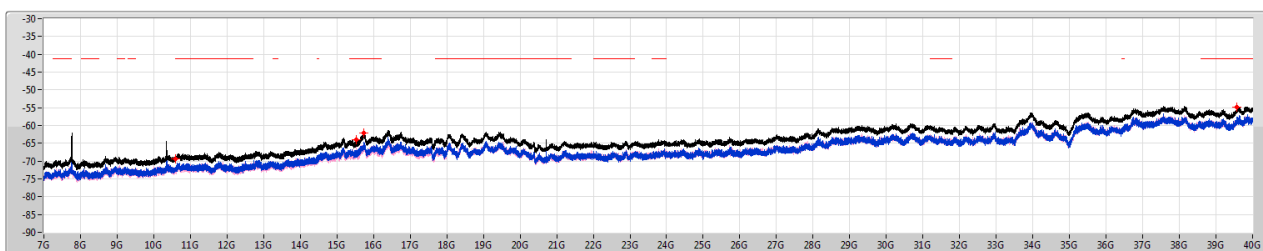
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 10.35019G | -56.52 | -59.28 | -59.79 |
| 7G | 18G | 1M | PK | 15.52259G | -56.16 | -60.37 | -58.23 |
| 7G | 18G | 1M | PK | 16.45636G | -53.12 | -56.06 | -56.20 |
| 18G | 40G | 1M | PK | 38.13275G | -46.00 | -48.62 | -49.45 |

5.15-5.25GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MC50)_2TX

CSE [AV]

5180MHz



Limit.AV

Sum.AV

Port 1

Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 10.60009G | -69.45 | -72.36 | -72.56 |
| 7G | 18G | 1M | AV | 15.52191G | -64.03 | -68.08 | -66.21 |
| 7G | 18G | 1M | AV | 15.73641G | -62.14 | -64.79 | -65.55 |
| 18G | 40G | 1M | AV | 39.57375G | -54.77 | -57.66 | -57.91 |



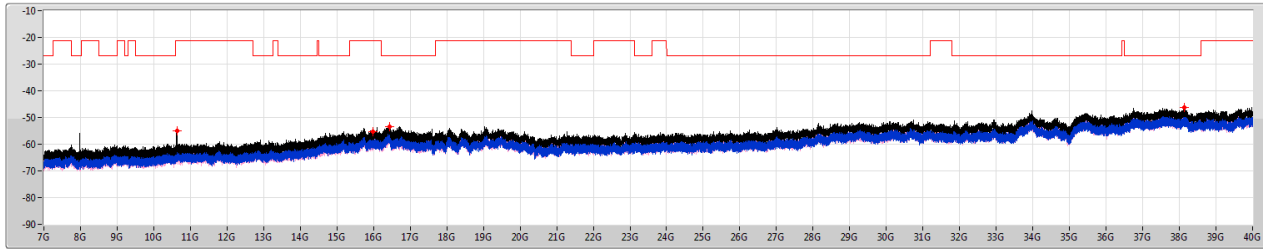
**Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module**

Appendix D.8

5.25-5.35GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE [PK]

5320MHz



Limit:PK

Sum:PK

Port 1

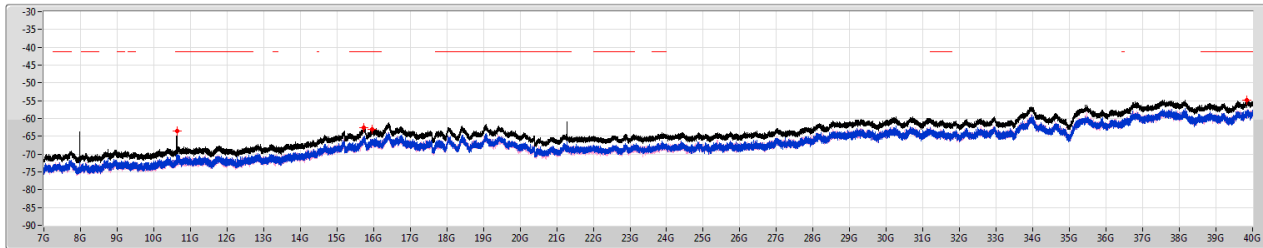
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 10.62794G | -55.04 | -56.10 | -61.69 |
| 7G | 18G | 1M | PK | 15.97428G | -55.19 | -57.88 | -58.54 |
| 7G | 18G | 1M | PK | 16.44522G | -53.31 | -56.76 | -55.92 |
| 18G | 40G | 1M | PK | 38.13481G | -46.24 | -48.52 | -50.14 |

5.25-5.35GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

CSE [AV]

5320MHz



Limit:AV

Sum:AV

Port 1

Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 10.62897G | -63.51 | -65.68 | -67.57 |
| 7G | 18G | 1M | AV | 15.74397G | -62.48 | -65.36 | -65.63 |
| 7G | 18G | 1M | AV | 15.97084G | -63.11 | -65.90 | -66.35 |
| 18G | 40G | 1M | AV | 39.85081G | -54.79 | -57.87 | -57.74 |



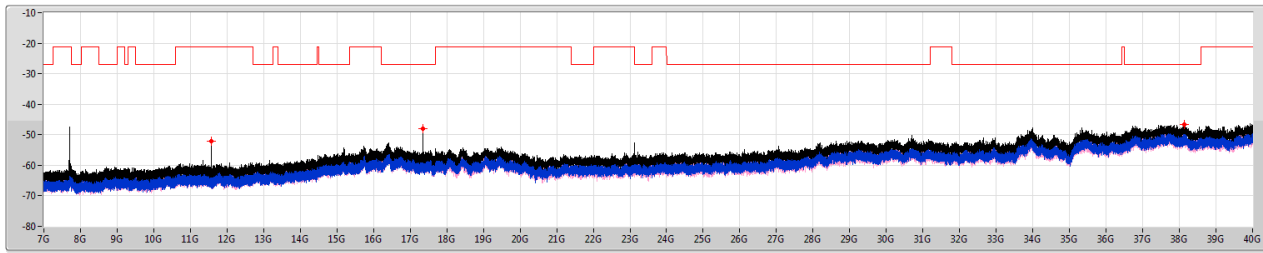
**Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module**

Appendix D.8

5.725-5.85GHz_802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

5775MHz



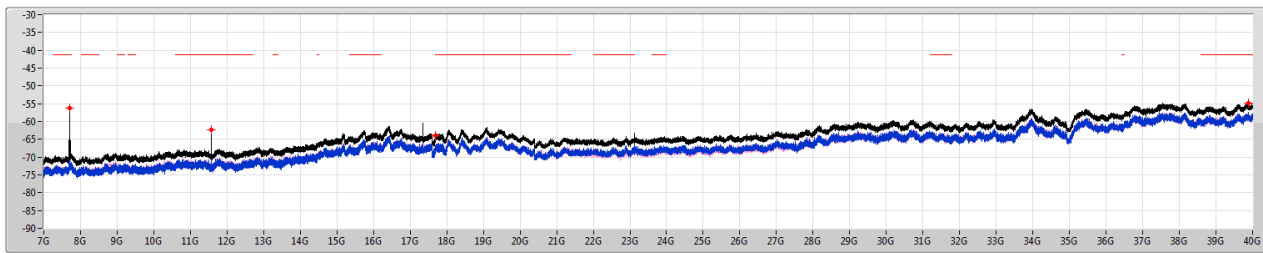
Limit.PK
 Sum.PK
 Port1
 Port2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 11.56328G | -52.15 | -53.74 | -57.27 |
| 7G | 18G | 1M | PK | 17.34401G | -47.95 | -49.11 | -54.25 |
| 18G | 40G | 1M | PK | 38.14444G | -46.51 | -50.28 | -48.87 |

5.725-5.85GHz_802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5775MHz



Limit.AV
 Sum.AV
 Port1
 Port2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 7.70641G | -56.20 | -67.01 | -56.58 |
| 7G | 18G | 1M | AV | 11.56328G | -62.36 | -63.92 | -67.55 |
| 7G | 18G | 1M | AV | 17.70025G | -63.94 | -67.39 | -66.55 |
| 18G | 40G | 1M | AV | 39.88931G | -54.94 | -57.51 | -58.43 |



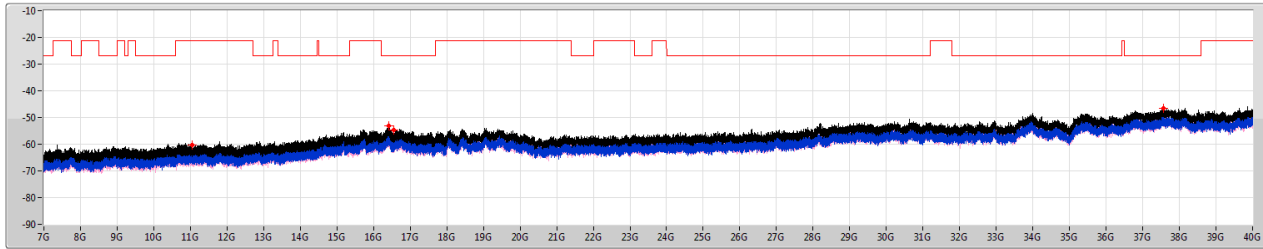
**Unwanted Conducted Emissions(7G~40G)
- ST M.2, PCIe Module**

Appendix D.8

5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [PK]

5530MHz



Limit:PK

Sum:PK

Port 1

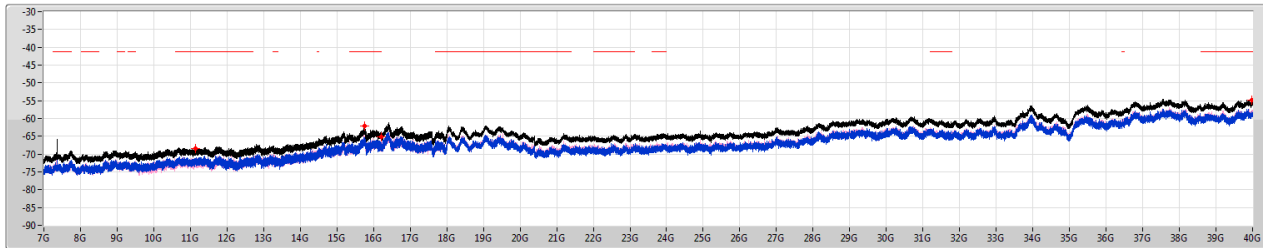
Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | PK | 11.04834G | -60.21 | -62.97 | -63.48 |
| 7G | 18G | 1M | PK | 16.42184G | -53.22 | -55.54 | -57.04 |
| 7G | 18G | 1M | PK | 16.56072G | -54.62 | -57.22 | -58.09 |
| 18G | 40G | 1M | PK | 37.569G | -46.50 | -50.22 | -48.90 |

5.47-5.725GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

CSE [AV]

5530MHz



Limit:AV

Sum:AV

Port 1

Port 2

| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|---------|
| 7G | 18G | 1M | AV | 11.12878G | -68.50 | -71.70 | -71.32 |
| 7G | 18G | 1M | AV | 15.745G | -62.15 | -65.49 | -64.85 |
| 7G | 18G | 1M | AV | 16.19978G | -65.14 | -68.25 | -68.06 |
| 18G | 40G | 1M | AV | 39.97388G | -54.88 | -58.23 | -57.58 |

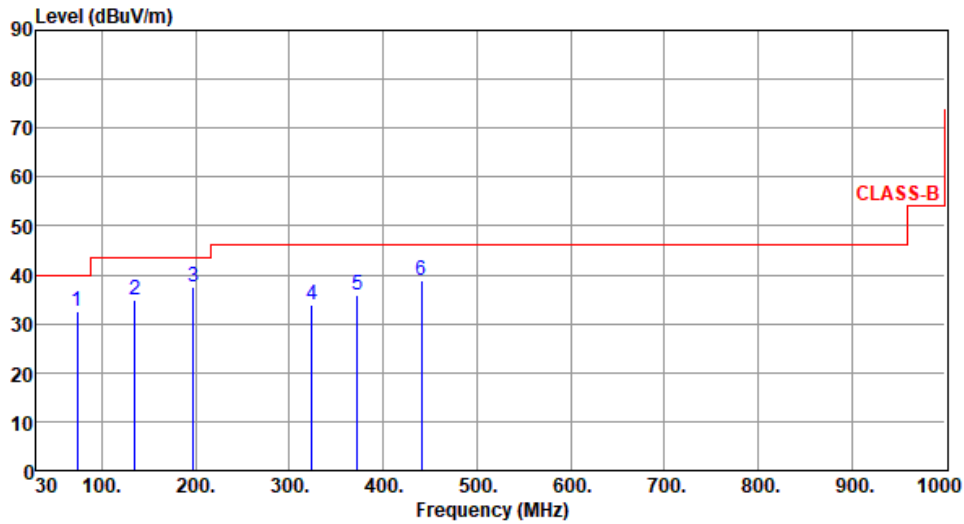


SC Module

Unwanted Emissions (Below 1GHz)

| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Polarization | Horizontal | | |

Test By : Sean Yu Temperature(°C): 24 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 | 73.65 | 32.52 | 40.00 | -7.48 | 44.63 | -12.11 | Peak | --- | --- |
| 2 | 134.76 | 34.86 | 43.50 | -8.64 | 44.75 | -9.89 | Peak | --- | --- |
| 3 | 197.81 | 37.58 | 43.50 | -5.92 | 49.37 | -11.79 | Peak | --- | --- |
| 4 | 323.91 | 33.88 | 46.00 | -12.12 | 41.40 | -7.52 | Peak | --- | --- |
| 5 | 372.41 | 36.02 | 46.00 | -9.98 | 42.37 | -6.35 | Peak | --- | --- |
| 6 | 441.28 | 38.94 | 46.00 | -7.06 | 43.35 | -4.41 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

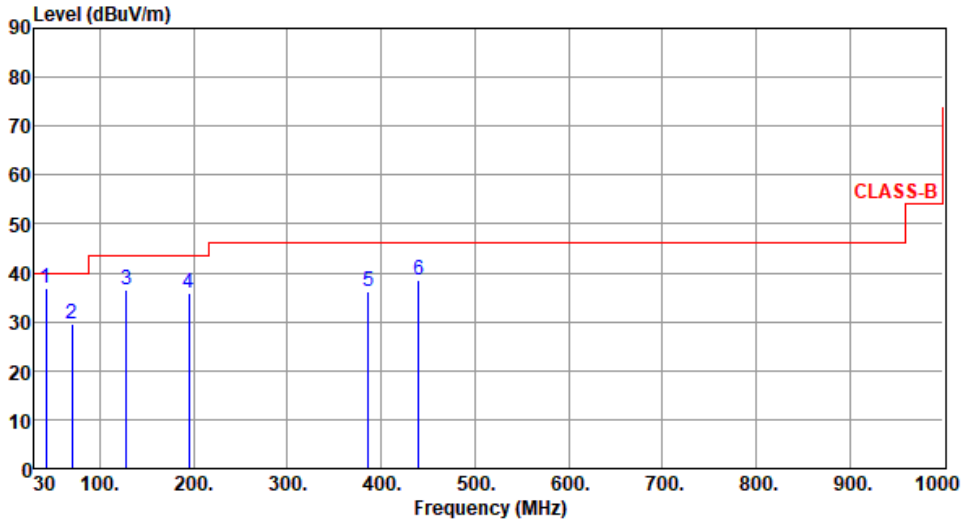
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Polarization | Vertical | | |

Test By : Sean Yu Temperature(°C): 24 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 | 42.58 | 36.73 | 40.00 | -3.27 | 45.08 | -8.35 | QP | 100 | 169 |
| 2 | 69.77 | 29.46 | 40.00 | -10.54 | 40.72 | -11.26 | Peak | --- | --- |
| 3 | 127.97 | 36.67 | 43.50 | -6.83 | 47.08 | -10.41 | Peak | --- | --- |
| 4 | 194.90 | 35.95 | 43.50 | -7.55 | 47.63 | -11.68 | Peak | --- | --- |
| 5 | 385.99 | 36.04 | 46.00 | -9.96 | 41.93 | -5.89 | Peak | --- | --- |
| 6 | 440.31 | 38.40 | 46.00 | -7.60 | 42.83 | -4.43 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

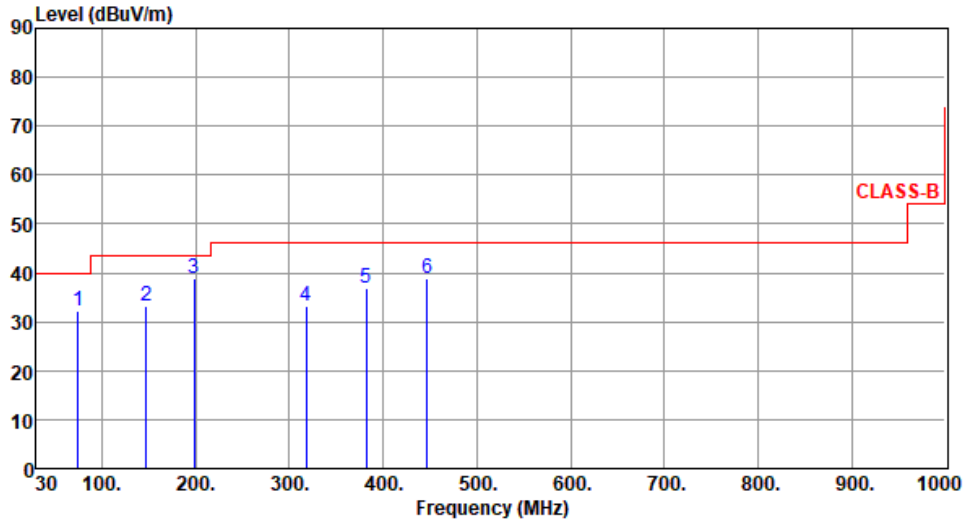
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By :Sean Yu Temperature(°C):24 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 | 74.62 | 32.38 | 40.00 | -7.62 | 44.65 | -12.27 | Peak | --- | --- |
| 2 | 147.37 | 33.33 | 43.50 | -10.17 | 42.23 | -8.90 | Peak | --- | --- |
| 3 | 198.78 | 38.71 | 43.50 | -4.79 | 50.48 | -11.77 | Peak | --- | --- |
| 4 | 318.09 | 33.24 | 46.00 | -12.76 | 40.82 | -7.58 | Peak | --- | --- |
| 5 | 382.11 | 36.85 | 46.00 | -9.15 | 42.83 | -5.98 | Peak | --- | --- |
| 6 | 447.10 | 38.76 | 46.00 | -7.24 | 43.04 | -4.28 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

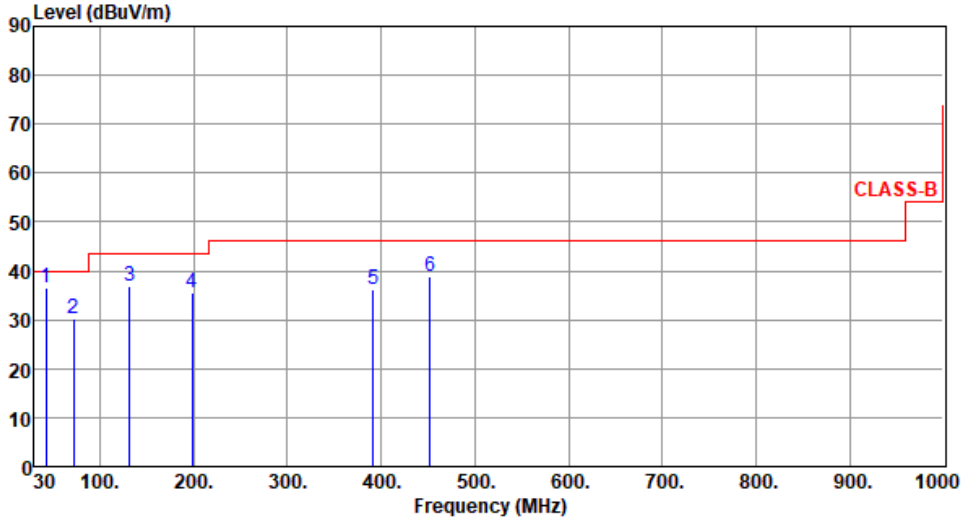
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Polarization | Vertical | | |

Test By :Sean Yu Temperature(°C):24 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 | 42.57 | 36.68 | 40.00 | -3.32 | 45.03 | -8.35 | QP | 100 | 175 |
| 2 | 71.69 | 30.12 | 40.00 | -9.88 | 41.57 | -11.45 | Peak | --- | --- |
| 3 | 131.85 | 36.92 | 43.50 | -6.58 | 47.19 | -10.27 | Peak | --- | --- |
| 4 | 198.78 | 35.65 | 43.50 | -7.85 | 47.42 | -11.77 | Peak | --- | --- |
| 5 | 391.81 | 36.23 | 46.00 | -9.77 | 41.97 | -5.74 | Peak | --- | --- |
| 6 | 451.95 | 38.90 | 46.00 | -7.10 | 43.07 | -4.17 | 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.



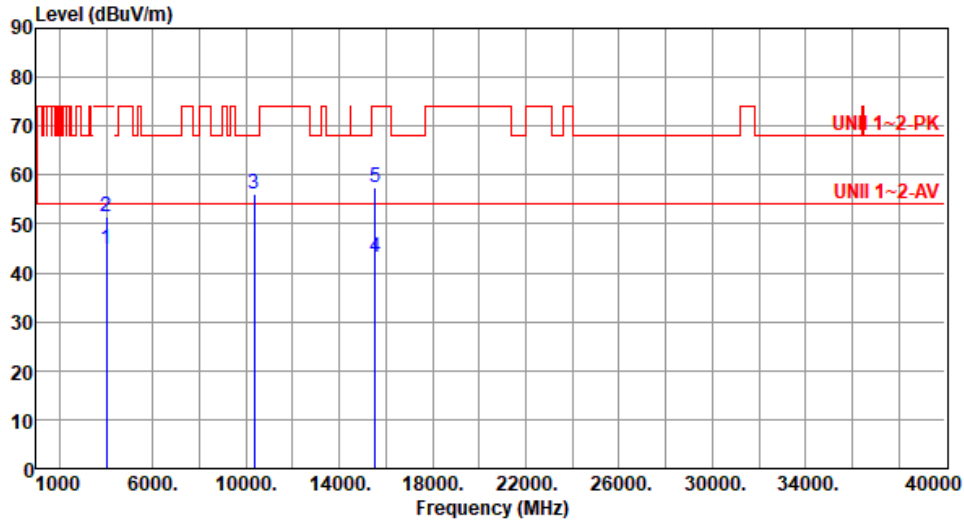
Unwanted Emissions (Above 1GHz) for ax HE20 RU26

| | | | | | | | | | |
|---|--------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5180 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Sean Yu Temperature(°C): 25 Humidity(%): 61 | | | | | | | | | |
| <p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 40000). A red stepped line represents the emission level. 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. Five vertical blue lines mark specific frequencies: 2 at 4000 MHz, 3 at 10360 MHz, 4 at 15540 MHz, and 5 at 15540 MHz. A red arrow points to the UNII 1~2-PK limit.</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4000.00 | 50.91 | 54.00 | -3.09 | 53.15 | -2.24 | Average | 287 | 135 |
| 2 | 4000.00 | 55.47 | 74.00 | -18.53 | 57.71 | -2.24 | Peak | 287 | 135 |
| 3 | 10360.00 | 56.58 | 68.20 | -11.62 | 49.57 | 7.01 | Peak | 100 | 117 |
| 4 | 15540.00 | 43.16 | 54.00 | -10.84 | 39.11 | 4.05 | Average | 100 | 204 |
| 5 | 15540.00 | 57.39 | 74.00 | -16.61 | 53.34 | 4.05 | Peak | 100 | 204 |
| 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 RU26 | 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 | 4000.00 | 44.69 | 54.00 | -9.31 | 46.93 | -2.24 | Average | 307 | 210 |
| 2 | 4000.00 | 51.50 | 74.00 | -22.50 | 53.74 | -2.24 | Peak | 307 | 210 |
| 3 | 10360.00 | 56.23 | 68.20 | -11.97 | 49.22 | 7.01 | Peak | 100 | 217 |
| 4 | 15540.00 | 43.25 | 54.00 | -10.75 | 39.20 | 4.05 | Average | 100 | 217 |
| 5 | 15540.00 | 57.39 | 74.00 | -16.61 | 53.34 | 4.05 | Peak | 100 | 217 |

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

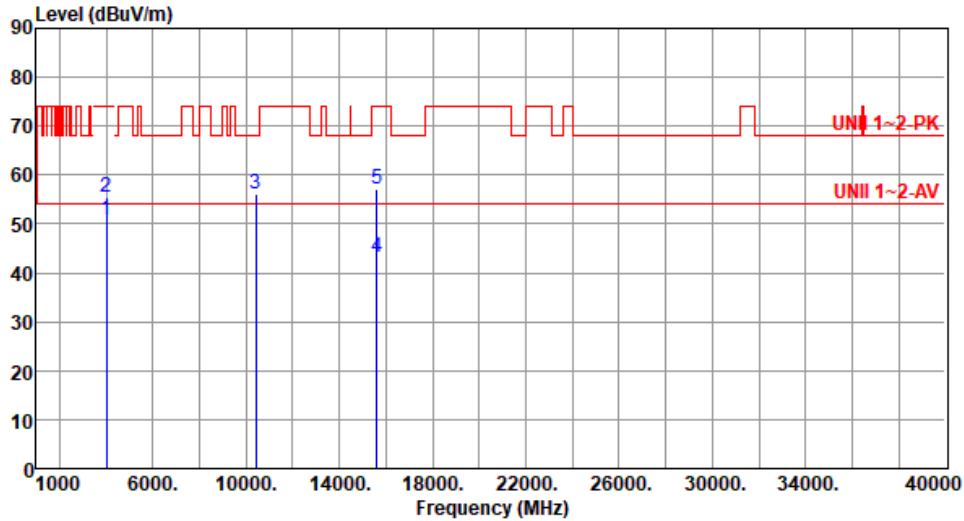
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | 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 | 4000.00 | 50.76 | 54.00 | -3.24 | 53.00 | -2.24 | Average | 286 | 135 |
| 2 | 4000.00 | 55.51 | 74.00 | -18.49 | 57.75 | -2.24 | Peak | 286 | 135 |
| 3 | 10400.00 | 56.15 | 68.20 | -12.05 | 49.04 | 7.11 | Peak | 100 | 128 |
| 4 | 15600.00 | 43.29 | 54.00 | -10.71 | 39.44 | 3.85 | Average | 100 | 221 |
| 5 | 15600.00 | 57.17 | 74.00 | -16.83 | 53.32 | 3.85 | Peak | 100 | 221 |

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

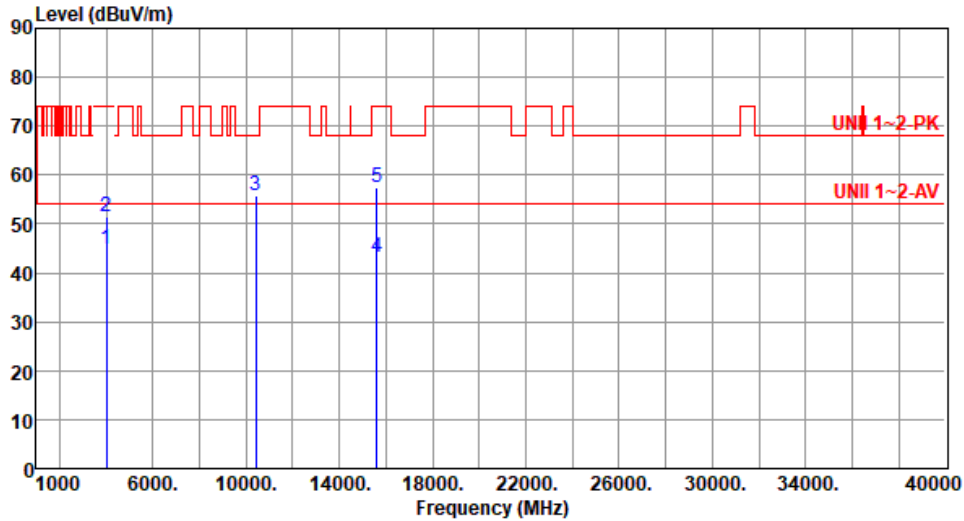
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU26 | 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 | 4000.00 | 44.77 | 54.00 | -9.23 | 47.01 | -2.24 | Average | 303 | 211 |
| 2 | 4000.00 | 51.51 | 74.00 | -22.49 | 53.75 | -2.24 | Peak | 303 | 211 |
| 3 | 10400.00 | 55.67 | 68.20 | -12.53 | 48.56 | 7.11 | Peak | 100 | 173 |
| 4 | 15600.00 | 43.08 | 54.00 | -10.92 | 39.23 | 3.85 | Average | 100 | 213 |
| 5 | 15600.00 | 57.53 | 74.00 | -16.47 | 53.68 | 3.85 | Peak | 100 | 213 |

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

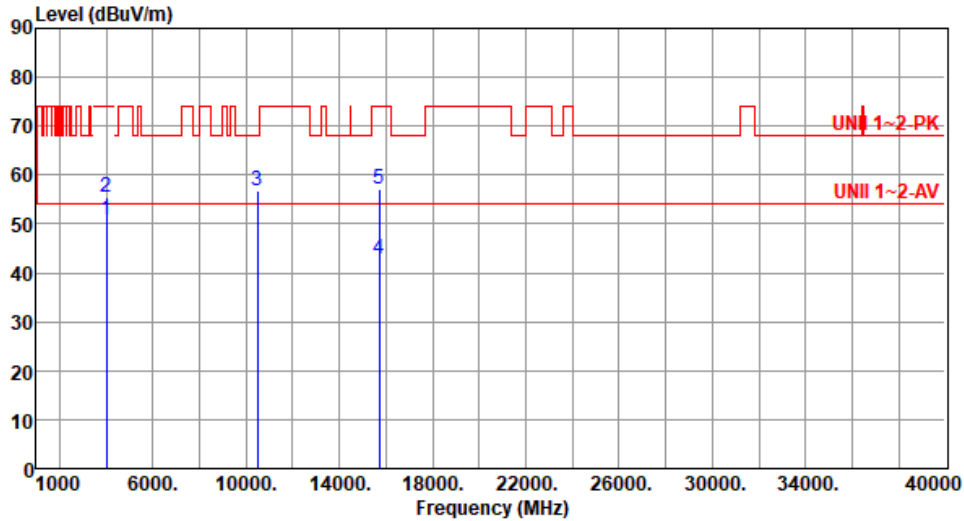
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5240 |
| 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 | 4000.00 | 50.87 | 54.00 | -3.13 | 53.11 | -2.24 | Average | 284 | 137 |
| 2 | 4000.00 | 55.42 | 74.00 | -18.58 | 57.66 | -2.24 | Peak | 284 | 137 |
| 3 | 10480.00 | 56.72 | 68.20 | -11.48 | 49.55 | 7.17 | Peak | 100 | 176 |
| 4 | 15720.00 | 42.95 | 54.00 | -11.05 | 39.12 | 3.83 | Average | 100 | 314 |
| 5 | 15720.00 | 57.16 | 74.00 | -16.84 | 53.33 | 3.83 | Peak | 100 | 314 |

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

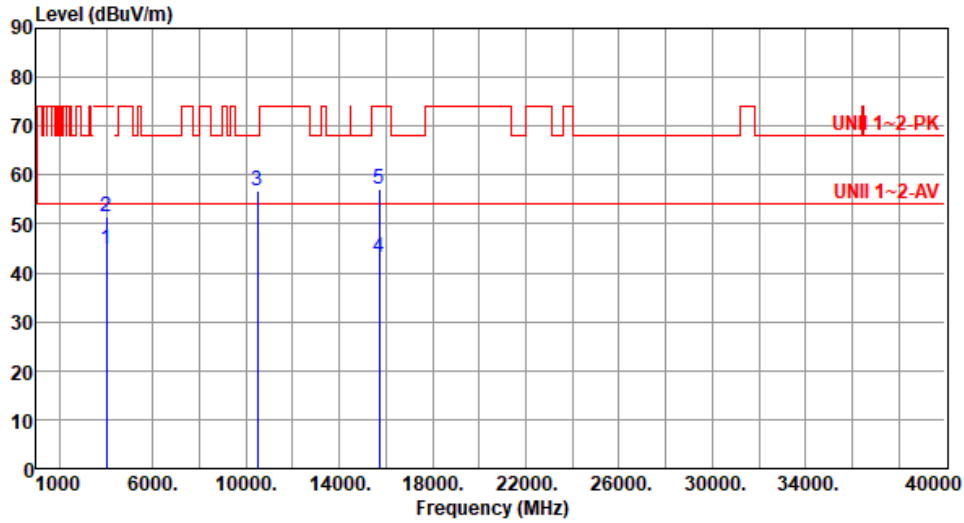
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5240 |
| 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 | 4000.00 | 44.69 | 54.00 | -9.31 | 46.93 | -2.24 | Average | 307 | 211 |
| 2 | 4000.00 | 51.60 | 74.00 | -22.40 | 53.84 | -2.24 | Peak | 307 | 211 |
| 3 | 10480.00 | 56.91 | 68.20 | -11.29 | 49.74 | 7.17 | Peak | 100 | 208 |
| 4 | 15720.00 | 43.14 | 54.00 | -10.86 | 39.31 | 3.83 | Average | 100 | 168 |
| 5 | 15720.00 | 57.26 | 74.00 | -16.74 | 53.43 | 3.83 | Peak | 100 | 168 |

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

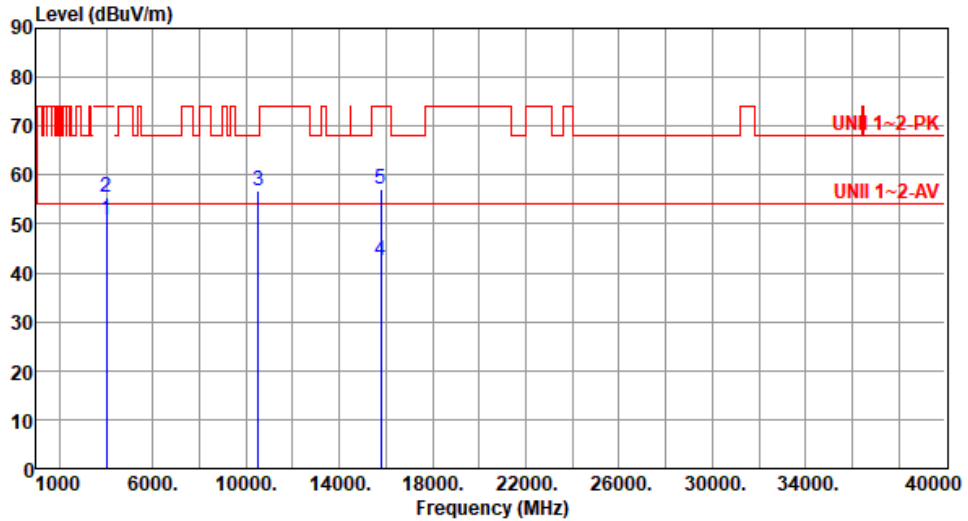
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5260 |
| 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 | 4000.00 | 50.95 | 54.00 | -3.05 | 53.19 | -2.24 | Average | 286 | 130 |
| 2 | 4000.00 | 55.51 | 74.00 | -18.49 | 57.75 | -2.24 | Peak | 286 | 130 |
| 3 | 10520.00 | 56.92 | 68.20 | -11.28 | 49.73 | 7.19 | Peak | 100 | 133 |
| 4 | 15780.00 | 42.52 | 54.00 | -11.48 | 38.65 | 3.87 | Average | 100 | 133 |
| 5 | 15780.00 | 57.14 | 74.00 | -16.86 | 53.27 | 3.87 | Peak | 100 | 133 |

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

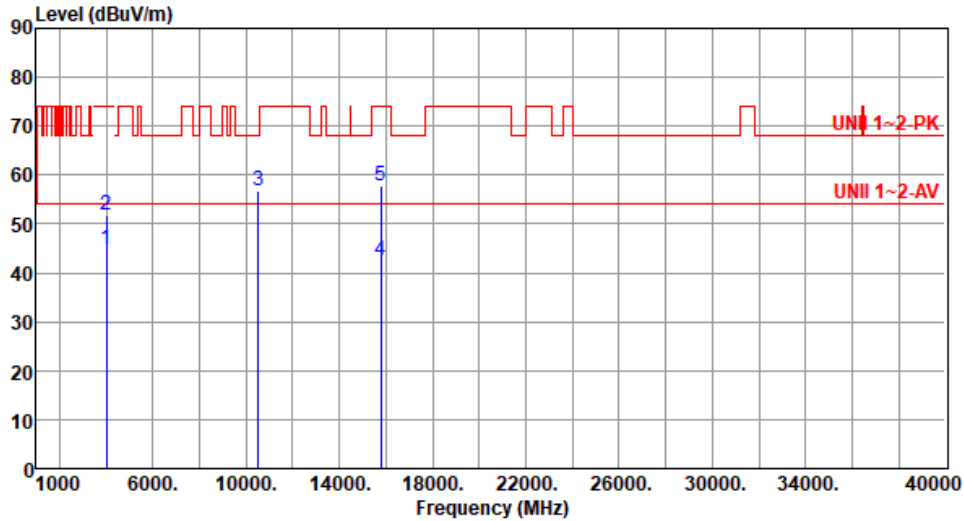
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5260 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 303 | 202 |
| 2 | 4000.00 | 51.67 | 74.00 | -22.33 | 53.91 | -2.24 | Peak | 303 | 202 |
| 3 | 10520.00 | 56.66 | 68.20 | -11.54 | 49.47 | 7.19 | Peak | 100 | 103 |
| 4 | 15780.00 | 42.65 | 54.00 | -11.35 | 38.78 | 3.87 | Average | 100 | 103 |
| 5 | 15780.00 | 57.89 | 74.00 | -16.11 | 54.02 | 3.87 | Peak | 100 | 103 |

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

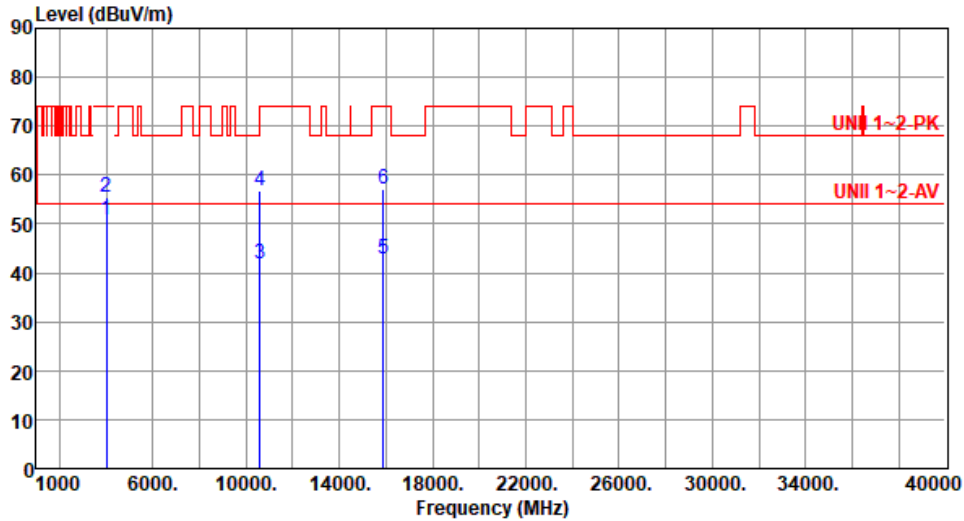
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5300 |
| 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 281 | 134 |
| 2 | 4000.00 | 55.37 | 74.00 | -18.63 | 57.61 | -2.24 | Peak | 281 | 134 |
| 3 | 10600.00 | 41.99 | 54.00 | -12.01 | 34.82 | 7.17 | Average | 100 | 244 |
| 4 | 10600.00 | 56.84 | 74.00 | -17.16 | 49.67 | 7.17 | Peak | 100 | 244 |
| 5 | 15900.00 | 42.70 | 54.00 | -11.30 | 38.65 | 4.05 | Average | 100 | 173 |
| 6 | 15900.00 | 57.18 | 74.00 | -16.82 | 53.13 | 4.05 | Peak | 100 | 173 |

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

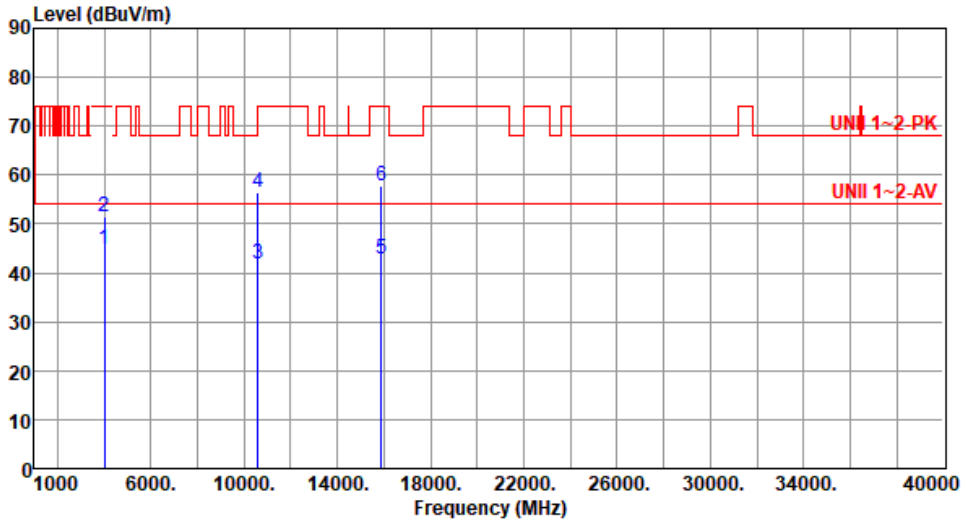
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5300 |
| 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 | 4000.00 | 44.70 | 54.00 | -9.30 | 46.94 | -2.24 | Average | 300 | 210 |
| 2 | 4000.00 | 51.58 | 74.00 | -22.42 | 53.82 | -2.24 | Peak | 300 | 210 |
| 3 | 10600.00 | 41.74 | 54.00 | -12.26 | 34.57 | 7.17 | Average | 100 | 47 |
| 4 | 10600.00 | 56.50 | 74.00 | -17.50 | 49.33 | 7.17 | Peak | 100 | 47 |
| 5 | 15900.00 | 42.88 | 54.00 | -11.12 | 38.83 | 4.05 | Average | 100 | 311 |
| 6 | 15900.00 | 57.94 | 74.00 | -16.06 | 53.89 | 4.05 | Peak | 100 | 311 |

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

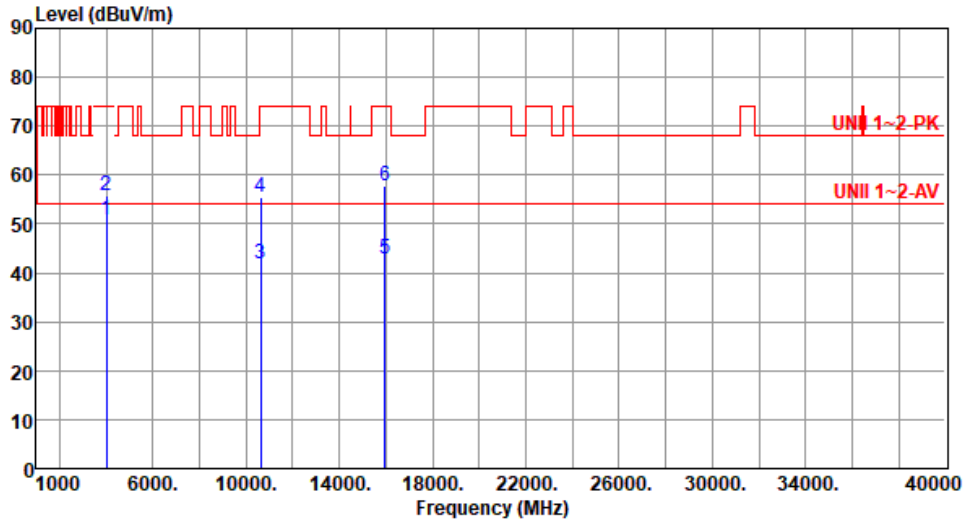
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5320 |
| 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 | 4000.00 | 50.97 | 54.00 | -3.03 | 53.21 | -2.24 | Average | 287 | 136 |
| 2 | 4000.00 | 55.71 | 74.00 | -18.29 | 57.95 | -2.24 | Peak | 287 | 136 |
| 3 | 10640.00 | 41.89 | 54.00 | -12.11 | 34.77 | 7.12 | Average | 100 | 173 |
| 4 | 10640.00 | 55.59 | 74.00 | -18.41 | 48.47 | 7.12 | Peak | 100 | 173 |
| 5 | 15960.00 | 42.82 | 54.00 | -11.18 | 38.79 | 4.03 | Average | 100 | 204 |
| 6 | 15960.00 | 57.68 | 74.00 | -16.32 | 53.65 | 4.03 | Peak | 100 | 204 |

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

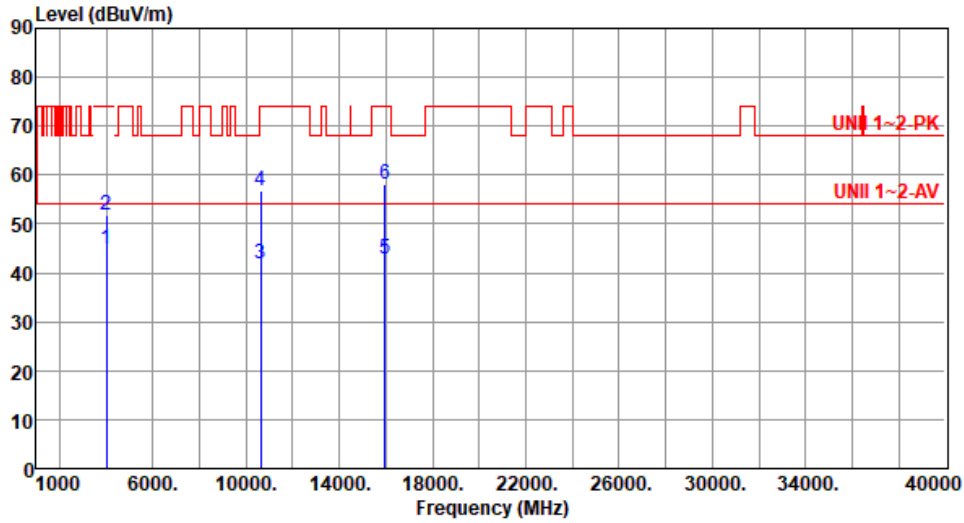
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5320 |
| 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 | 4000.00 | 44.81 | 54.00 | -9.19 | 47.05 | -2.24 | Average | 301 | 205 |
| 2 | 4000.00 | 51.82 | 74.00 | -22.18 | 54.06 | -2.24 | Peak | 301 | 205 |
| 3 | 10640.00 | 41.69 | 54.00 | -12.31 | 34.57 | 7.12 | Average | 100 | 256 |
| 4 | 10640.00 | 56.85 | 74.00 | -17.15 | 49.73 | 7.12 | Peak | 100 | 256 |
| 5 | 15960.00 | 42.75 | 54.00 | -11.25 | 38.72 | 4.03 | Average | 100 | 111 |
| 6 | 15960.00 | 58.00 | 74.00 | -16.00 | 53.97 | 4.03 | Peak | 100 | 111 |

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

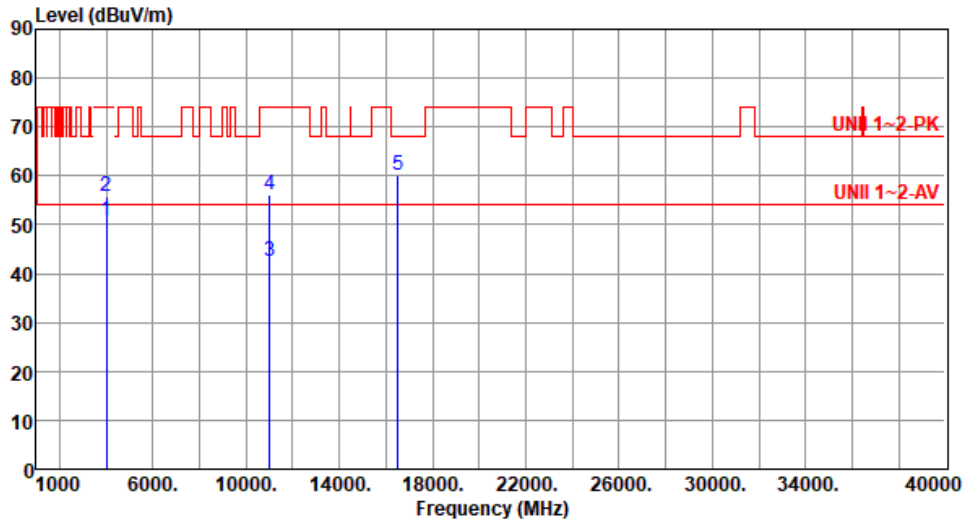
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5500 |
| 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 | 4000.00 | 50.85 | 54.00 | -3.15 | 53.09 | -2.24 | Average | 283 | 135 |
| 2 | 4000.00 | 55.67 | 74.00 | -18.33 | 57.91 | -2.24 | Peak | 283 | 135 |
| 3 | 11000.00 | 42.61 | 54.00 | -11.39 | 35.12 | 7.49 | Average | 100 | 221 |
| 4 | 11000.00 | 56.17 | 74.00 | -17.83 | 48.68 | 7.49 | Peak | 100 | 221 |
| 5 | 16500.00 | 60.12 | 68.20 | -8.08 | 54.13 | 5.99 | Peak | 100 | 221 |

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

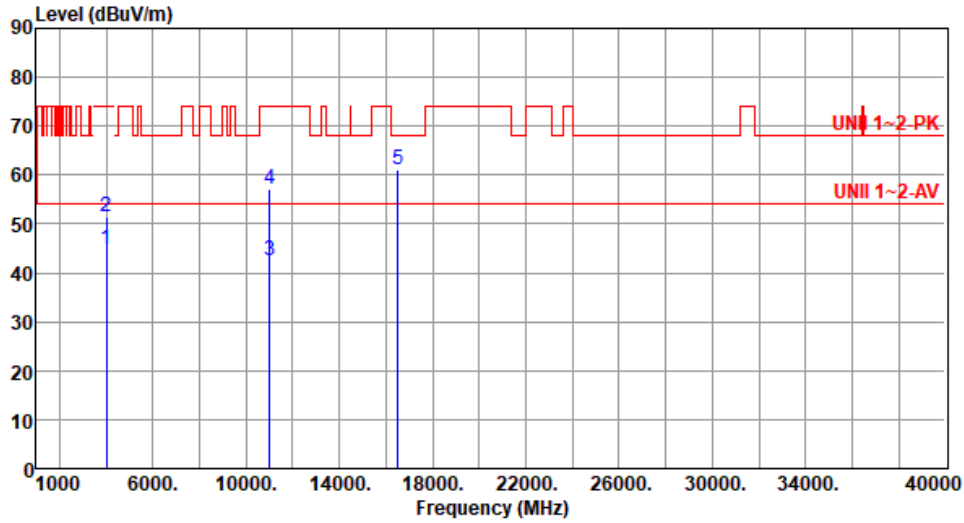
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5500 |
| 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 | 4000.00 | 44.68 | 54.00 | -9.32 | 46.92 | -2.24 | Average | 307 | 205 |
| 2 | 4000.00 | 51.64 | 74.00 | -22.36 | 53.88 | -2.24 | Peak | 307 | 205 |
| 3 | 11000.00 | 42.55 | 54.00 | -11.45 | 35.06 | 7.49 | Average | 100 | 177 |
| 4 | 11000.00 | 57.22 | 74.00 | -16.78 | 49.73 | 7.49 | Peak | 100 | 177 |
| 5 | 16500.00 | 60.97 | 68.20 | -7.23 | 54.98 | 5.99 | Peak | 100 | 314 |

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

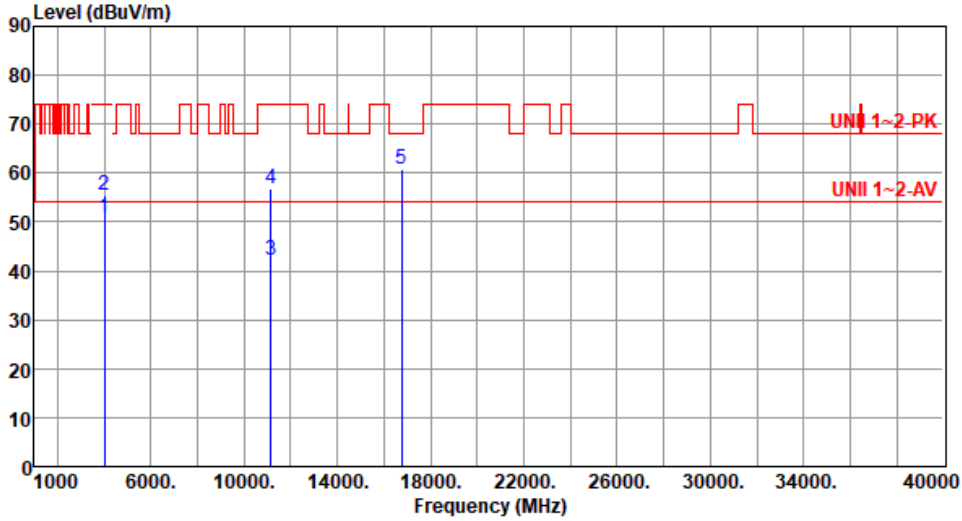
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5580 |
| 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 | 4000.00 | 50.92 | 54.00 | -3.08 | 53.16 | -2.24 | Average | 291 | 134 |
| 2 | 4000.00 | 55.55 | 74.00 | -18.45 | 57.79 | -2.24 | Peak | 291 | 134 |
| 3 | 11160.00 | 42.03 | 54.00 | -11.97 | 35.10 | 6.93 | Average | 100 | 117 |
| 4 | 11160.00 | 56.67 | 74.00 | -17.33 | 49.74 | 6.93 | Peak | 100 | 117 |
| 5 | 16740.00 | 60.82 | 68.20 | -7.38 | 54.47 | 6.35 | Peak | 100 | 100 |

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

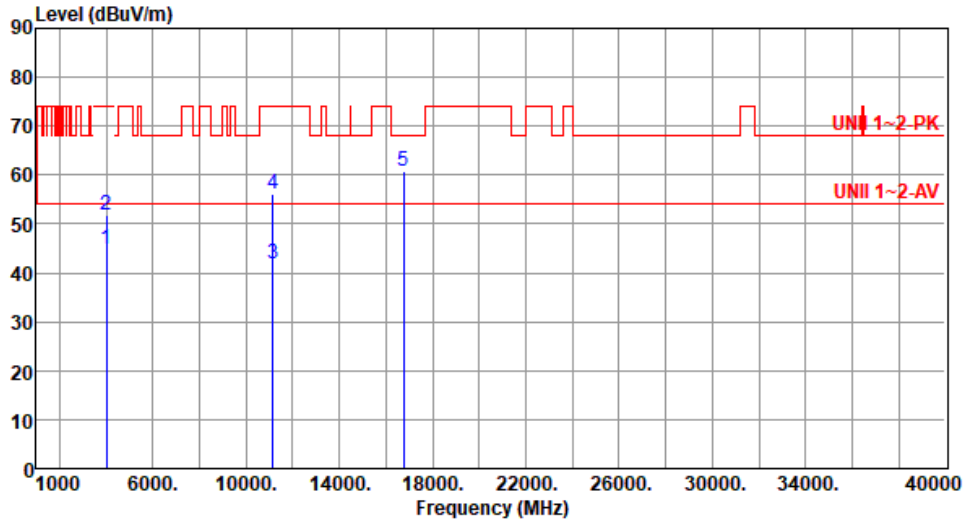
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5580 |
| 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 | 4000.00 | 44.77 | 54.00 | -9.23 | 47.01 | -2.24 | Average | 303 | 211 |
| 2 | 4000.00 | 51.81 | 74.00 | -22.19 | 54.05 | -2.24 | Peak | 303 | 211 |
| 3 | 11160.00 | 41.99 | 54.00 | -12.01 | 35.06 | 6.93 | Average | 100 | 153 |
| 4 | 11160.00 | 56.19 | 74.00 | -17.81 | 49.26 | 6.93 | Peak | 100 | 153 |
| 5 | 16740.00 | 60.63 | 68.20 | -7.57 | 54.28 | 6.35 | Peak | 100 | 108 |

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

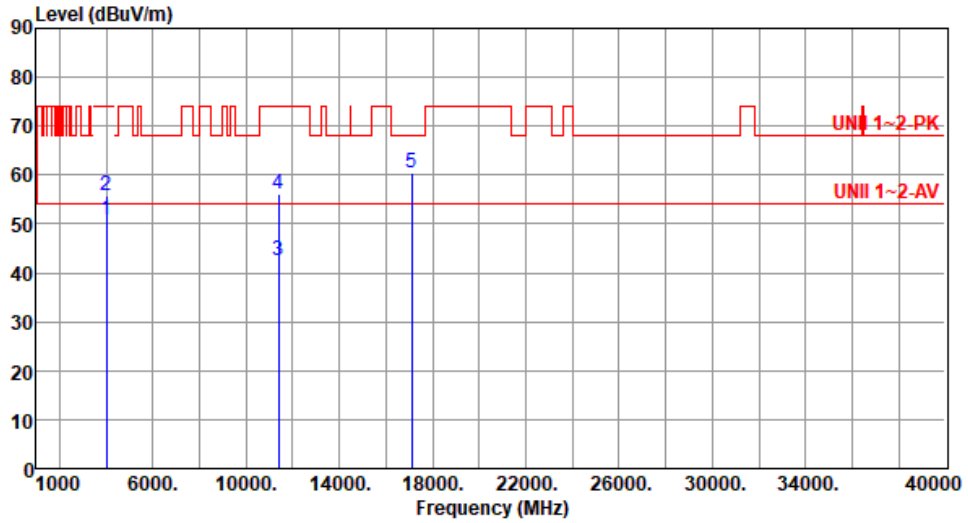
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5700 |
| 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 | 4000.00 | 50.82 | 54.00 | -3.18 | 53.06 | -2.24 | Average | 283 | 137 |
| 2 | 4000.00 | 55.64 | 74.00 | -18.36 | 57.88 | -2.24 | Peak | 283 | 137 |
| 3 | 11400.00 | 42.51 | 54.00 | -11.49 | 35.49 | 7.02 | Average | 100 | 208 |
| 4 | 11400.00 | 56.28 | 74.00 | -17.72 | 49.26 | 7.02 | Peak | 100 | 208 |
| 5 | 17100.00 | 60.57 | 68.20 | -7.63 | 54.62 | 5.95 | Peak | 100 | 155 |

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

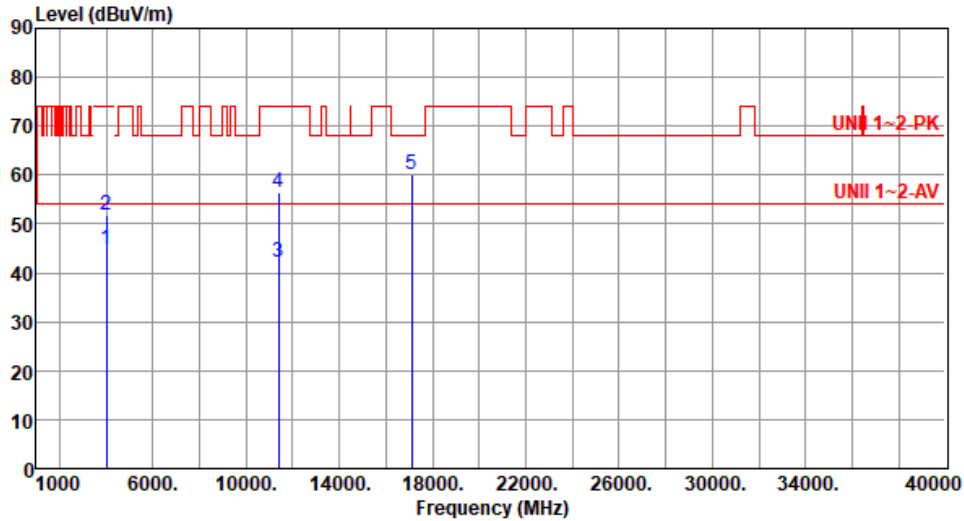
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5700 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 300 | 207 |
| 2 | 4000.00 | 51.77 | 74.00 | -22.23 | 54.01 | -2.24 | Peak | 300 | 207 |
| 3 | 11400.00 | 42.34 | 54.00 | -11.66 | 35.32 | 7.02 | Average | 100 | 255 |
| 4 | 11400.00 | 56.52 | 74.00 | -17.48 | 49.50 | 7.02 | Peak | 100 | 255 |
| 5 | 17100.00 | 60.07 | 68.20 | -8.13 | 54.12 | 5.95 | Peak | 100 | 183 |

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

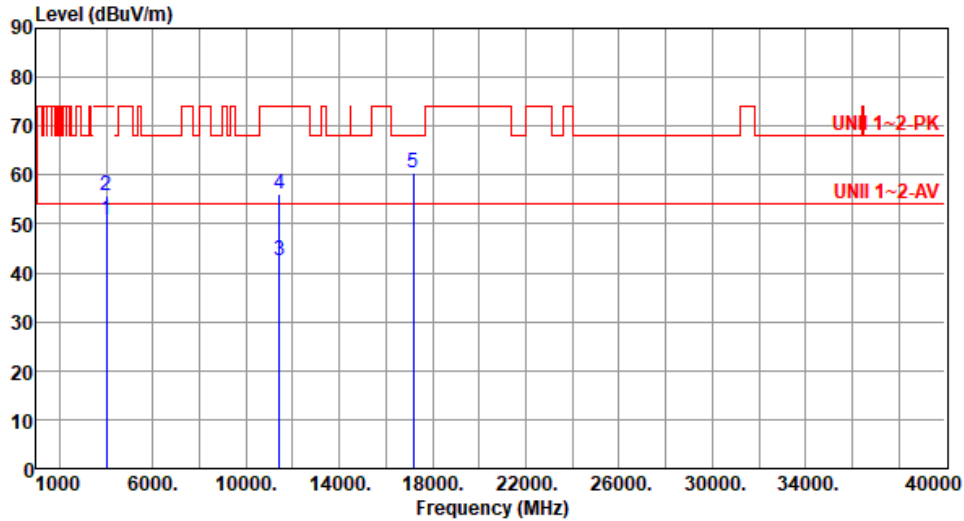
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5720 |
| 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 | 4000.00 | 50.90 | 54.00 | -3.10 | 53.14 | -2.24 | Average | 283 | 137 |
| 2 | 4000.00 | 55.91 | 74.00 | -18.09 | 58.15 | -2.24 | Peak | 283 | 137 |
| 3 | 11440.00 | 42.36 | 54.00 | -11.64 | 35.28 | 7.08 | Average | 100 | 126 |
| 4 | 11440.00 | 56.12 | 74.00 | -17.88 | 49.04 | 7.08 | Peak | 100 | 126 |
| 5 | 17160.00 | 60.47 | 68.20 | -7.73 | 54.41 | 6.06 | Peak | 100 | 208 |

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

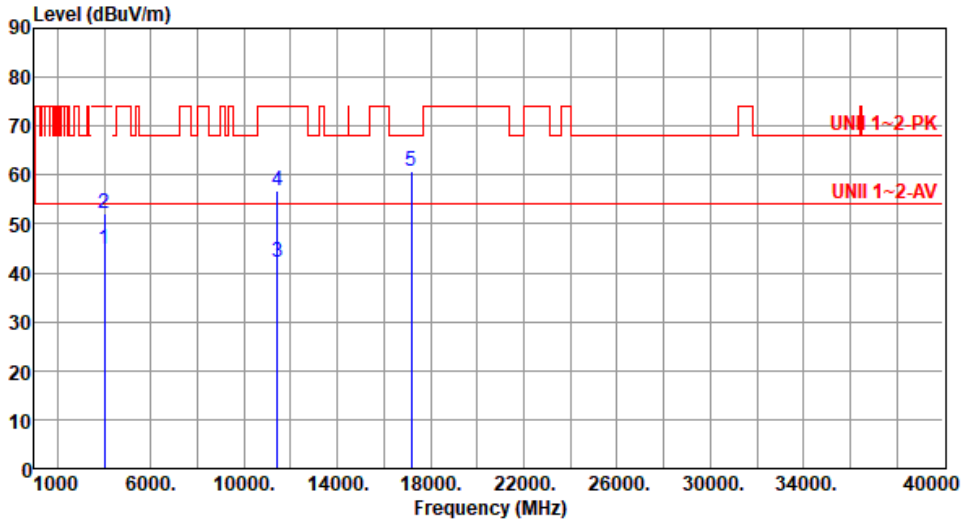
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5720 |
| 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 | 4000.00 | 44.68 | 54.00 | -9.32 | 46.92 | -2.24 | Average | 311 | 208 |
| 2 | 4000.00 | 52.01 | 74.00 | -21.99 | 54.25 | -2.24 | Peak | 311 | 208 |
| 3 | 11440.00 | 42.21 | 54.00 | -11.79 | 35.13 | 7.08 | Average | 100 | 108 |
| 4 | 11440.00 | 56.81 | 74.00 | -17.19 | 49.73 | 7.08 | Peak | 100 | 108 |
| 5 | 17160.00 | 60.79 | 68.20 | -7.41 | 54.73 | 6.06 | Peak | 100 | 271 |

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

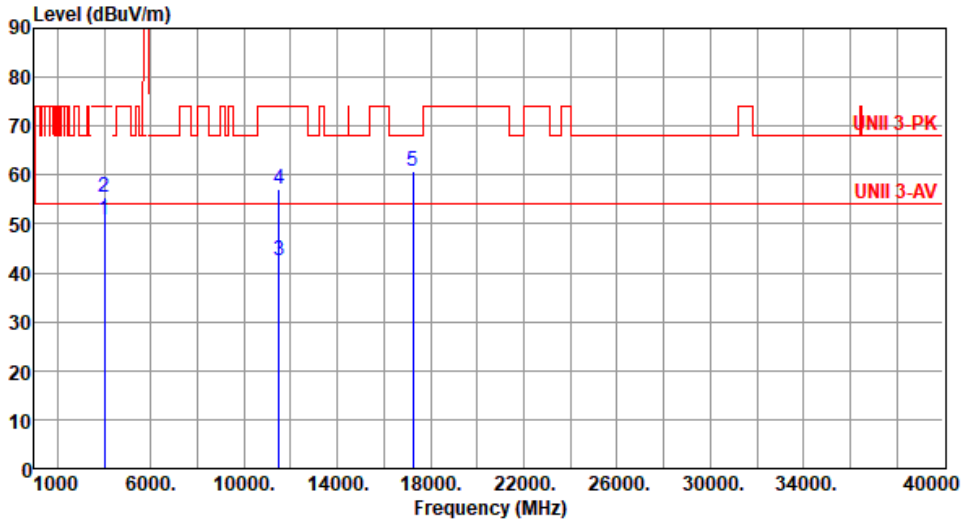
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5745 |
| 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 | 4000.00 | 50.94 | 54.00 | -3.06 | 53.18 | -2.24 | Average | 287 | 140 |
| 2 | 4000.00 | 55.52 | 74.00 | -18.48 | 57.76 | -2.24 | Peak | 287 | 140 |
| 3 | 11490.00 | 42.47 | 54.00 | -11.53 | 35.30 | 7.17 | Average | 100 | 256 |
| 4 | 11490.00 | 57.02 | 74.00 | -16.98 | 49.85 | 7.17 | Peak | 100 | 256 |
| 5 | 17235.00 | 60.75 | 68.20 | -7.45 | 54.67 | 6.08 | Peak | 100 | 14 |

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

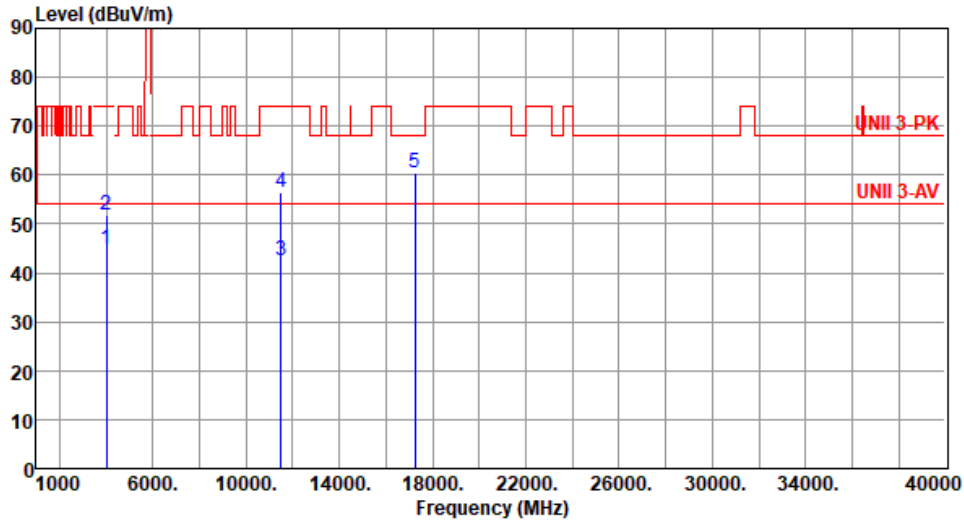
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5745 |
| 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 | 4000.00 | 44.76 | 54.00 | -9.24 | 47.00 | -2.24 | Average | 303 | 210 |
| 2 | 4000.00 | 51.89 | 74.00 | -22.11 | 54.13 | -2.24 | Peak | 303 | 210 |
| 3 | 11490.00 | 42.43 | 54.00 | -11.57 | 35.26 | 7.17 | Average | 100 | 144 |
| 4 | 11490.00 | 56.52 | 74.00 | -17.48 | 49.35 | 7.17 | Peak | 100 | 144 |
| 5 | 17235.00 | 60.55 | 68.20 | -7.65 | 54.47 | 6.08 | Peak | 100 | 178 |

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

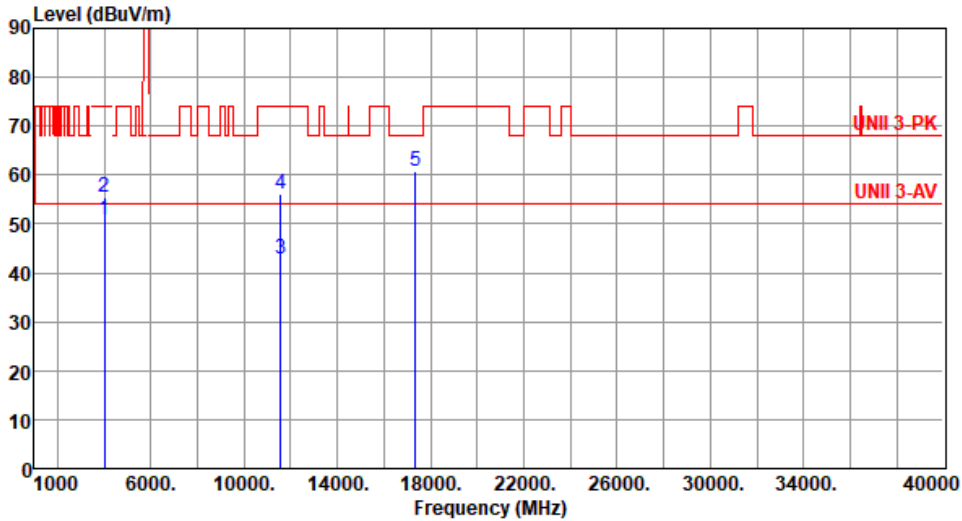
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5785 |
| 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 286 | 137 |
| 2 | 4000.00 | 55.51 | 74.00 | -18.49 | 57.75 | -2.24 | Peak | 286 | 137 |
| 3 | 11570.00 | 42.80 | 54.00 | -11.20 | 35.85 | 6.95 | Average | 100 | 126 |
| 4 | 11570.00 | 56.10 | 74.00 | -17.90 | 49.15 | 6.95 | Peak | 100 | 126 |
| 5 | 17355.00 | 60.87 | 68.20 | -7.33 | 54.65 | 6.22 | 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).

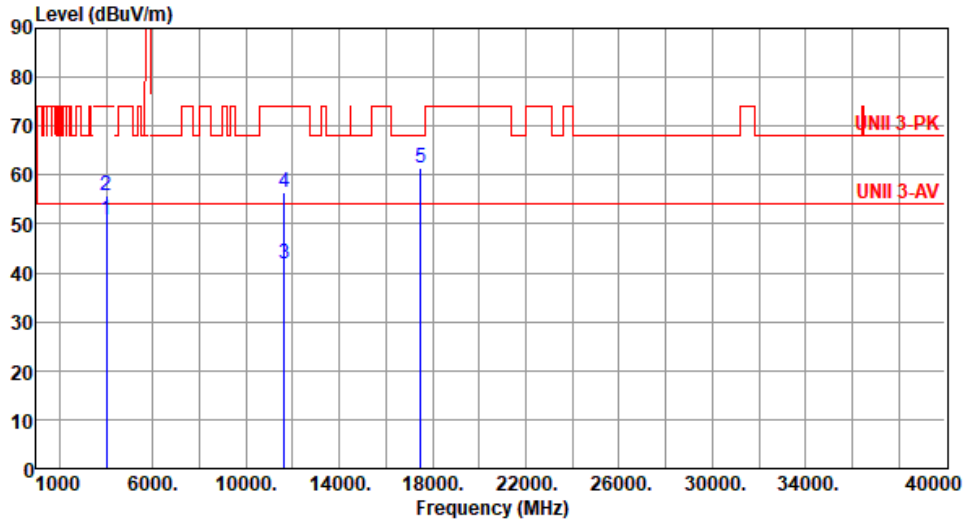


| | | | | | | | | | |
|---|--------------|-------------------------|--------|-----------------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5785 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Sean Yu | | Temperature(°C): 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 | 4000.00 | 44.67 | 54.00 | -9.33 | 46.91 | -2.24 | Average | 303 | 212 |
| 2 | 4000.00 | 51.45 | 74.00 | -22.55 | 53.69 | -2.24 | Peak | 303 | 212 |
| 3 | 11570.00 | 42.31 | 54.00 | -11.69 | 35.36 | 6.95 | Average | 100 | 183 |
| 4 | 11570.00 | 55.87 | 74.00 | -18.13 | 48.92 | 6.95 | Peak | 100 | 183 |
| 5 | 17355.00 | 60.97 | 68.20 | -7.23 | 54.75 | 6.22 | Peak | 100 | 228 |
| <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 RU26 | Test Freq. (MHz) | 5825 |
| 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 | 4000.00 | 50.79 | 54.00 | -3.21 | 53.03 | -2.24 | Average | 288 | 134 |
| 2 | 4000.00 | 55.67 | 74.00 | -18.33 | 57.91 | -2.24 | Peak | 288 | 134 |
| 3 | 11650.00 | 41.83 | 54.00 | -12.17 | 35.16 | 6.67 | Average | 100 | 318 |
| 4 | 11650.00 | 56.40 | 74.00 | -17.60 | 49.73 | 6.67 | Peak | 100 | 318 |
| 5 | 17475.00 | 61.46 | 68.20 | -6.74 | 54.88 | 6.58 | Peak | 100 | 208 |

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

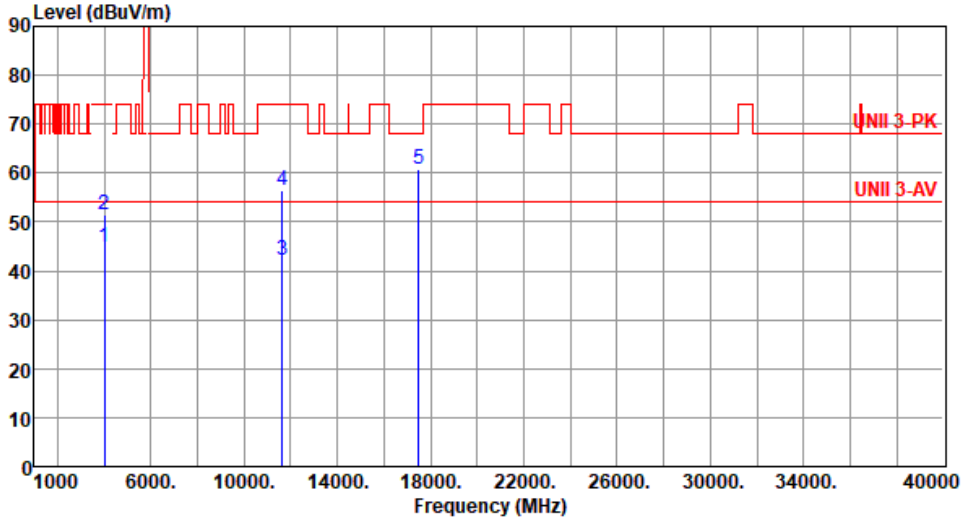
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU26 | Test Freq. (MHz) | 5825 |
| 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 | 4000.00 | 44.68 | 54.00 | -9.32 | 46.92 | -2.24 | Average | 299 | 208 |
| 2 | 4000.00 | 51.58 | 74.00 | -22.42 | 53.82 | -2.24 | Peak | 299 | 208 |
| 3 | 11650.00 | 42.08 | 54.00 | -11.92 | 35.41 | 6.67 | Average | 100 | 221 |
| 4 | 11650.00 | 56.43 | 74.00 | -17.57 | 49.76 | 6.67 | Peak | 100 | 221 |
| 5 | 17475.00 | 60.70 | 68.20 | -7.50 | 54.12 | 6.58 | Peak | 100 | 147 |

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 HE20 RU52

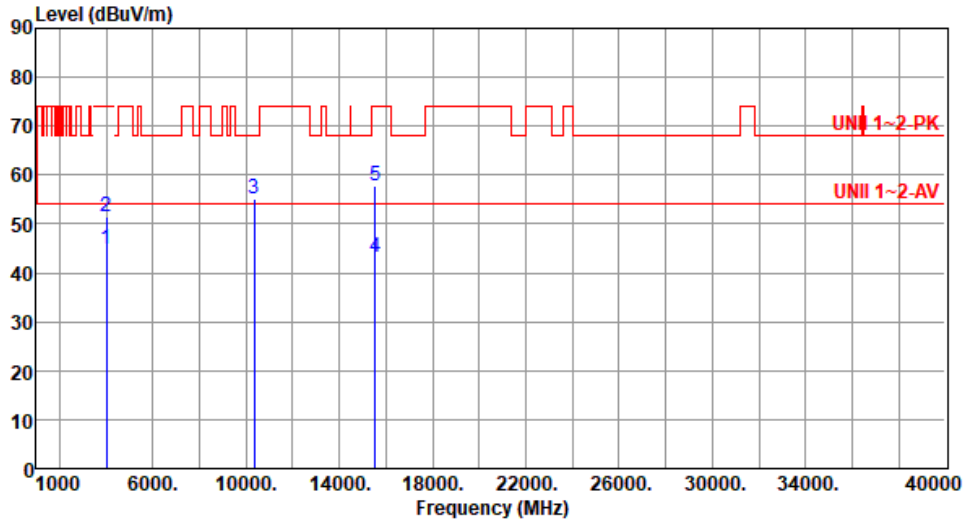
| | | | | | | | | | |
|---|--------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5180 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Sean Yu 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 | 4000.00 | 50.89 | 54.00 | -3.11 | 53.13 | -2.24 | Average | 283 | 133 |
| 2 | 4000.00 | 55.67 | 74.00 | -18.33 | 57.91 | -2.24 | Peak | 283 | 133 |
| 3 | 10360.00 | 55.52 | 68.20 | -12.68 | 48.51 | 7.01 | Peak | 100 | 178 |
| 4 | 15540.00 | 43.16 | 54.00 | -10.84 | 39.11 | 4.05 | Average | 100 | 208 |
| 5 | 15540.00 | 57.88 | 74.00 | -16.12 | 53.83 | 4.05 | 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 HE20 RU52 | 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 | 4000.00 | 44.67 | 54.00 | -9.33 | 46.91 | -2.24 | Average | 302 | 208 |
| 2 | 4000.00 | 51.58 | 74.00 | -22.42 | 53.82 | -2.24 | Peak | 302 | 208 |
| 3 | 10360.00 | 55.13 | 68.20 | -13.07 | 48.12 | 7.01 | Peak | 100 | 213 |
| 4 | 15540.00 | 43.27 | 54.00 | -10.73 | 39.22 | 4.05 | Average | 100 | 109 |
| 5 | 15540.00 | 57.78 | 74.00 | -16.22 | 53.73 | 4.05 | Peak | 100 | 109 |

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

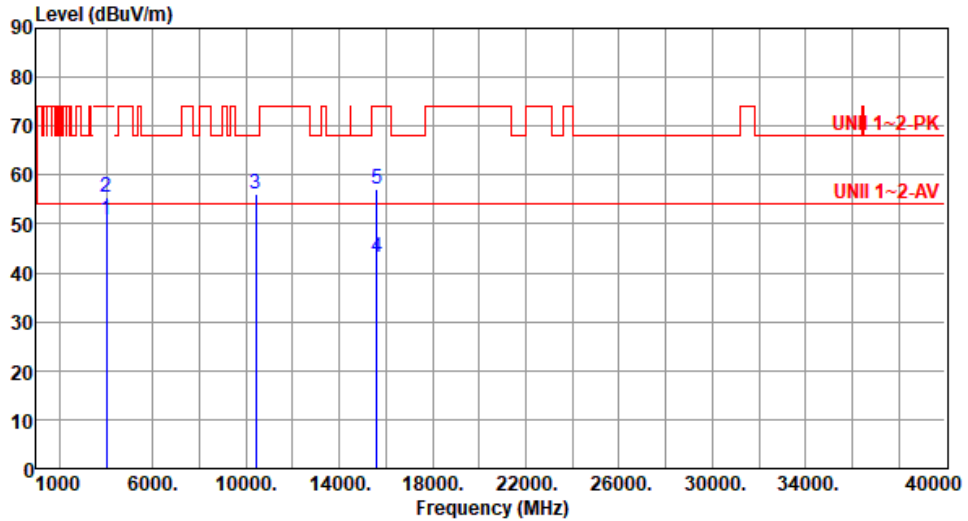
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | 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 | 4000.00 | 50.77 | 54.00 | -3.23 | 53.01 | -2.24 | Average | 280 | 130 |
| 2 | 4000.00 | 55.48 | 74.00 | -18.52 | 57.72 | -2.24 | Peak | 280 | 130 |
| 3 | 10400.00 | 56.20 | 68.20 | -12.00 | 49.09 | 7.11 | Peak | 100 | 221 |
| 4 | 15600.00 | 43.11 | 54.00 | -10.89 | 39.26 | 3.85 | Average | 100 | 47 |
| 5 | 15600.00 | 57.02 | 74.00 | -16.98 | 53.17 | 3.85 | Peak | 100 | 47 |

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

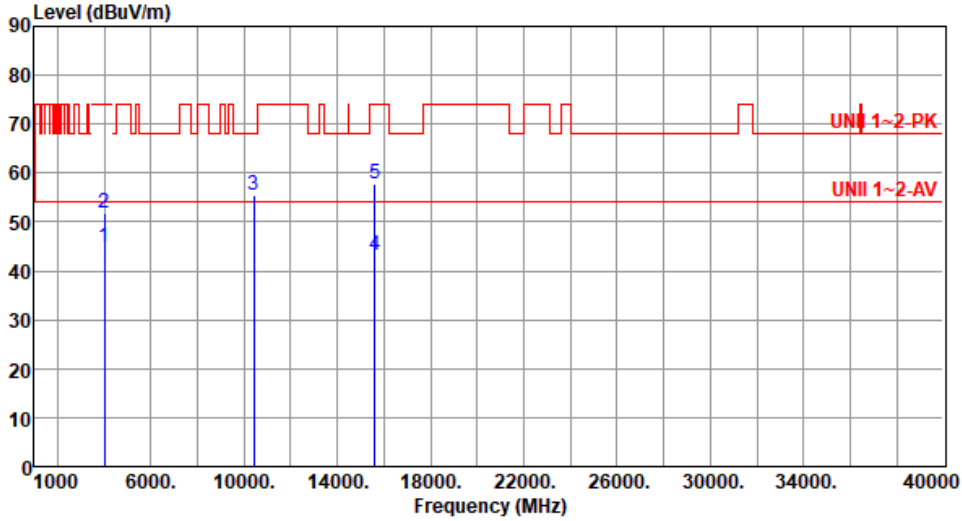
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | 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 | 4000.00 | 44.81 | 54.00 | -9.19 | 47.05 | -2.24 | Average | 311 | 200 |
| 2 | 4000.00 | 51.73 | 74.00 | -22.27 | 53.97 | -2.24 | Peak | 311 | 200 |
| 3 | 10400.00 | 55.32 | 68.20 | -12.88 | 48.21 | 7.11 | Peak | 100 | 73 |
| 4 | 15600.00 | 43.12 | 54.00 | -10.88 | 39.27 | 3.85 | Average | 100 | 188 |
| 5 | 15600.00 | 57.71 | 74.00 | -16.29 | 53.86 | 3.85 | Peak | 100 | 188 |

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

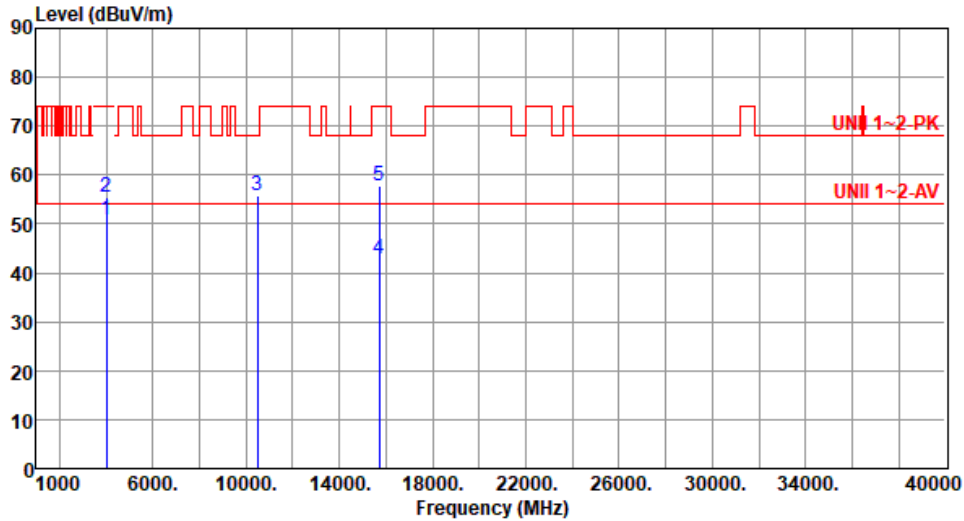
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5240 |
| 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 279 | 141 |
| 2 | 4000.00 | 55.62 | 74.00 | -18.38 | 57.86 | -2.24 | Peak | 279 | 141 |
| 3 | 10480.00 | 55.67 | 68.20 | -12.53 | 48.50 | 7.17 | Peak | 100 | 221 |
| 4 | 15720.00 | 42.95 | 54.00 | -11.05 | 39.12 | 3.83 | Average | 100 | 142 |
| 5 | 15720.00 | 57.69 | 74.00 | -16.31 | 53.86 | 3.83 | Peak | 100 | 142 |

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

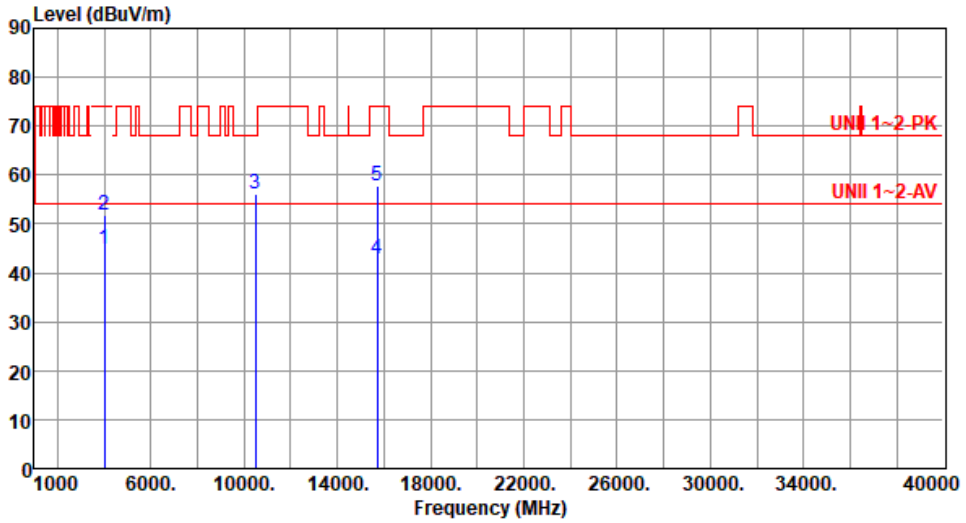
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5240 |
| 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 | 4000.00 | 44.92 | 54.00 | -9.08 | 47.16 | -2.24 | Average | 310 | 204 |
| 2 | 4000.00 | 51.71 | 74.00 | -22.29 | 53.95 | -2.24 | Peak | 310 | 204 |
| 3 | 10480.00 | 56.29 | 68.20 | -11.91 | 49.12 | 7.17 | Peak | 100 | 145 |
| 4 | 15720.00 | 42.91 | 54.00 | -11.09 | 39.08 | 3.83 | Average | 100 | 173 |
| 5 | 15720.00 | 57.89 | 74.00 | -16.11 | 54.06 | 3.83 | Peak | 100 | 173 |

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

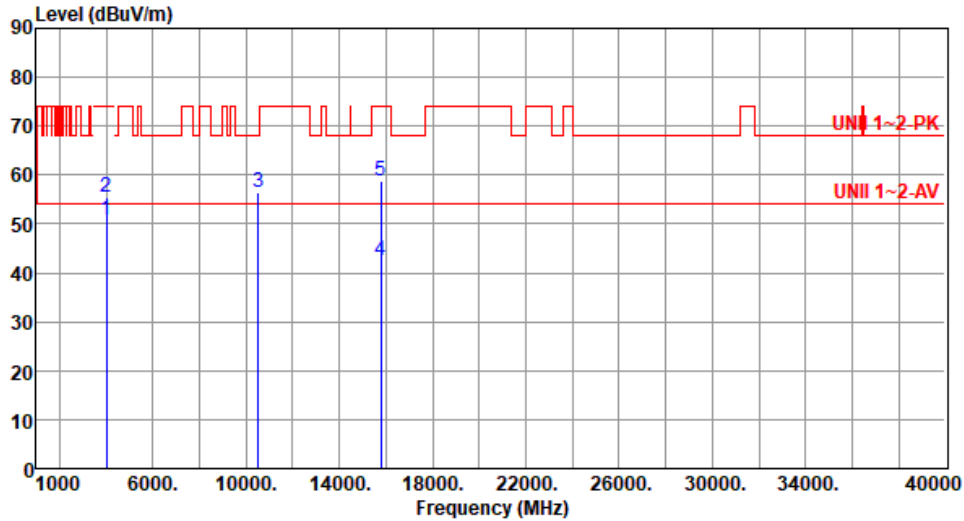
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5260 |
| 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 | 4000.00 | 50.88 | 54.00 | -3.12 | 53.12 | -2.24 | Average | 288 | 136 |
| 2 | 4000.00 | 55.57 | 74.00 | -18.43 | 57.81 | -2.24 | Peak | 288 | 136 |
| 3 | 10520.00 | 56.42 | 68.20 | -11.78 | 49.23 | 7.19 | Peak | 100 | 117 |
| 4 | 15780.00 | 42.46 | 54.00 | -11.54 | 38.59 | 3.87 | Average | 100 | 250 |
| 5 | 15780.00 | 58.64 | 74.00 | -15.36 | 54.77 | 3.87 | Peak | 100 | 250 |

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

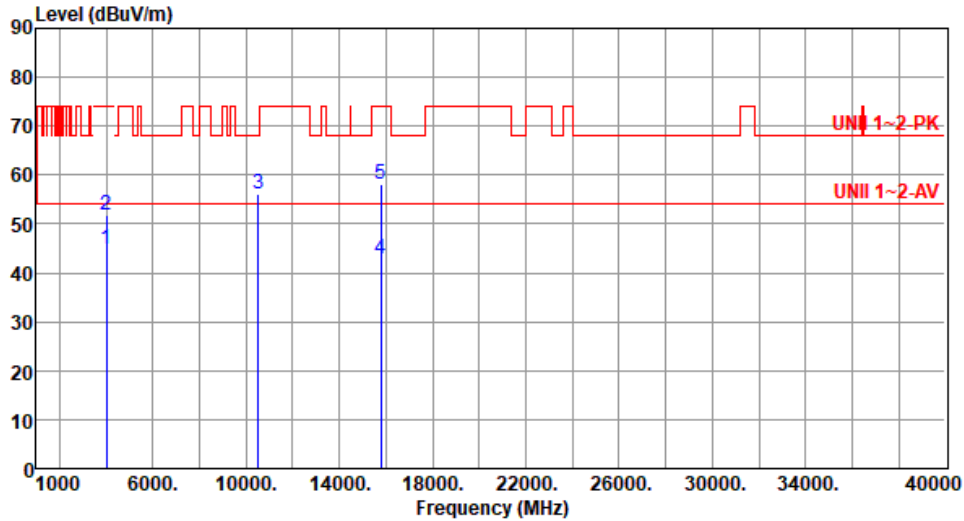
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5260 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 311 | 201 |
| 2 | 4000.00 | 51.73 | 74.00 | -22.27 | 53.97 | -2.24 | Peak | 311 | 201 |
| 3 | 10520.00 | 56.17 | 68.20 | -12.03 | 48.98 | 7.19 | Peak | 100 | 145 |
| 4 | 15780.00 | 42.75 | 54.00 | -11.25 | 38.88 | 3.87 | Average | 100 | 241 |
| 5 | 15780.00 | 58.11 | 74.00 | -15.89 | 54.24 | 3.87 | Peak | 100 | 241 |

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

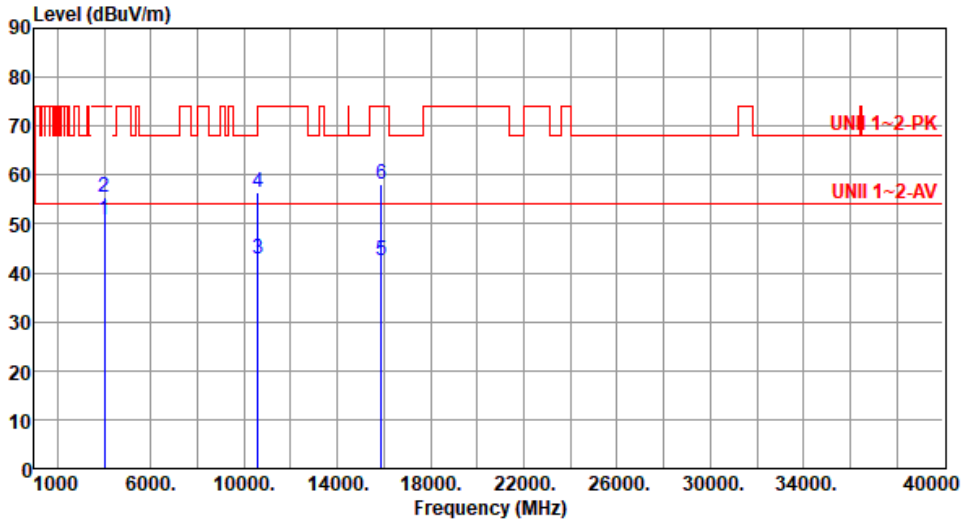
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5300 |
| 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 | 4000.00 | 50.90 | 54.00 | -3.10 | 53.14 | -2.24 | Average | 288 | 133 |
| 2 | 4000.00 | 55.47 | 74.00 | -18.53 | 57.71 | -2.24 | Peak | 288 | 133 |
| 3 | 10600.00 | 42.85 | 54.00 | -11.15 | 35.68 | 7.17 | Average | 100 | 108 |
| 4 | 10600.00 | 56.60 | 74.00 | -17.40 | 49.43 | 7.17 | Peak | 100 | 108 |
| 5 | 15900.00 | 42.53 | 54.00 | -11.47 | 38.48 | 4.05 | Average | 100 | 204 |
| 6 | 15900.00 | 58.15 | 74.00 | -15.85 | 54.10 | 4.05 | Peak | 100 | 204 |

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

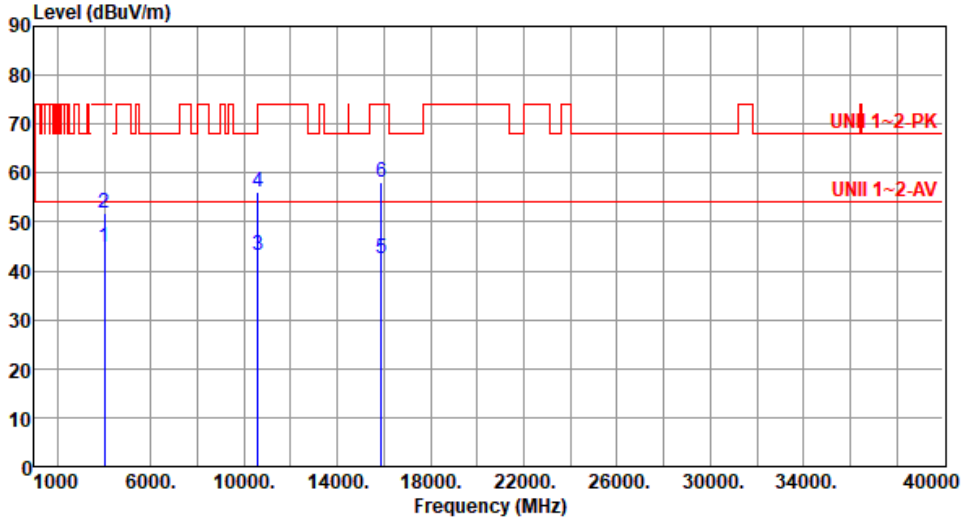
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5300 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 307 | 211 |
| 2 | 4000.00 | 51.67 | 74.00 | -22.33 | 53.91 | -2.24 | Peak | 307 | 211 |
| 3 | 10600.00 | 43.18 | 54.00 | -10.82 | 36.01 | 7.17 | Average | 100 | 208 |
| 4 | 10600.00 | 56.06 | 74.00 | -17.94 | 48.89 | 7.17 | Peak | 100 | 208 |
| 5 | 15900.00 | 42.54 | 54.00 | -11.46 | 38.49 | 4.05 | Average | 100 | 174 |
| 6 | 15900.00 | 58.23 | 74.00 | -15.77 | 54.18 | 4.05 | Peak | 100 | 174 |

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

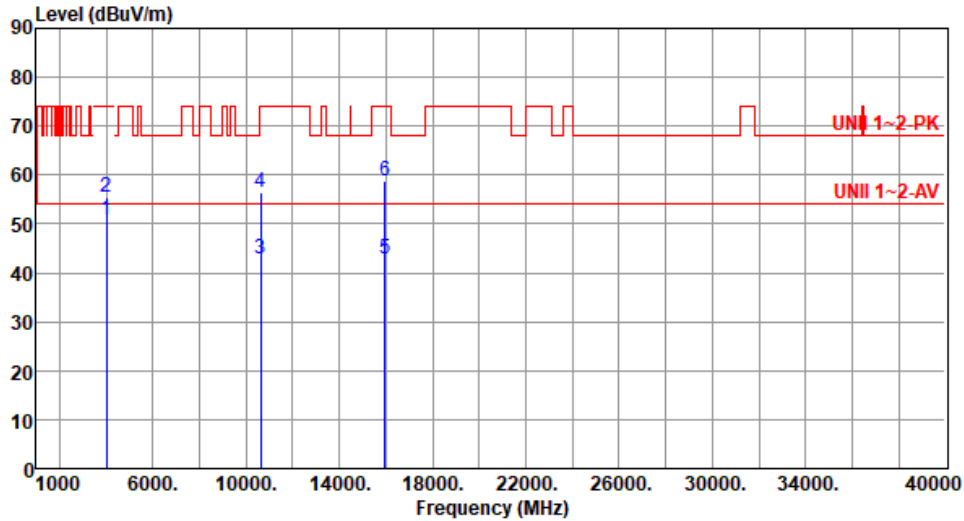
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5320 |
| 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 | 4000.00 | 50.85 | 54.00 | -3.15 | 53.09 | -2.24 | Average | 283 | 137 |
| 2 | 4000.00 | 55.43 | 74.00 | -18.57 | 57.67 | -2.24 | Peak | 283 | 137 |
| 3 | 10640.00 | 42.79 | 54.00 | -11.21 | 35.67 | 7.12 | Average | 100 | 173 |
| 4 | 10640.00 | 56.34 | 74.00 | -17.66 | 49.22 | 7.12 | Peak | 100 | 173 |
| 5 | 15960.00 | 42.85 | 54.00 | -11.15 | 38.82 | 4.03 | Average | 100 | 204 |
| 6 | 15960.00 | 58.82 | 74.00 | -15.18 | 54.79 | 4.03 | Peak | 100 | 204 |

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

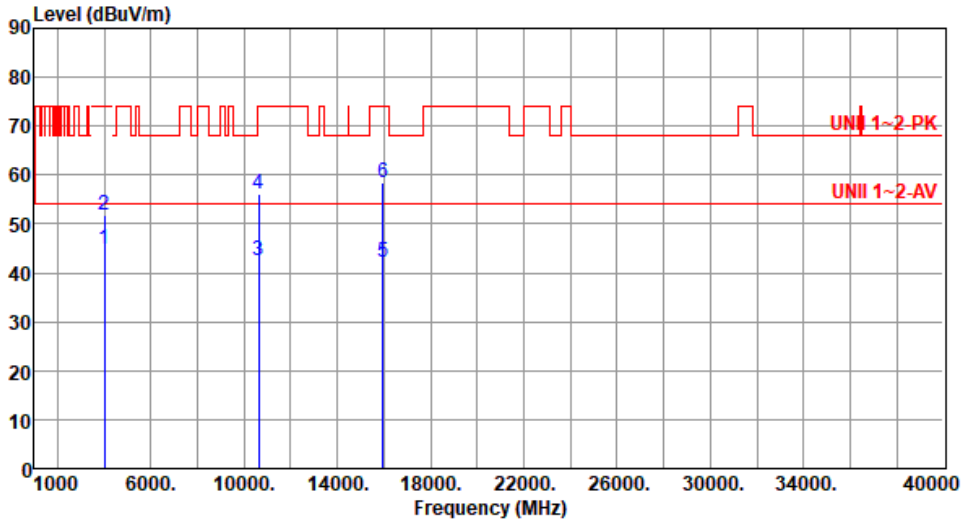
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5320 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 301 | 212 |
| 2 | 4000.00 | 51.89 | 74.00 | -22.11 | 54.13 | -2.24 | Peak | 301 | 212 |
| 3 | 10640.00 | 42.59 | 54.00 | -11.41 | 35.47 | 7.12 | Average | 100 | 165 |
| 4 | 10640.00 | 56.24 | 74.00 | -17.76 | 49.12 | 7.12 | Peak | 100 | 165 |
| 5 | 15960.00 | 42.27 | 54.00 | -11.73 | 38.24 | 4.03 | Average | 100 | 214 |
| 6 | 15960.00 | 58.50 | 74.00 | -15.50 | 54.47 | 4.03 | Peak | 100 | 214 |

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

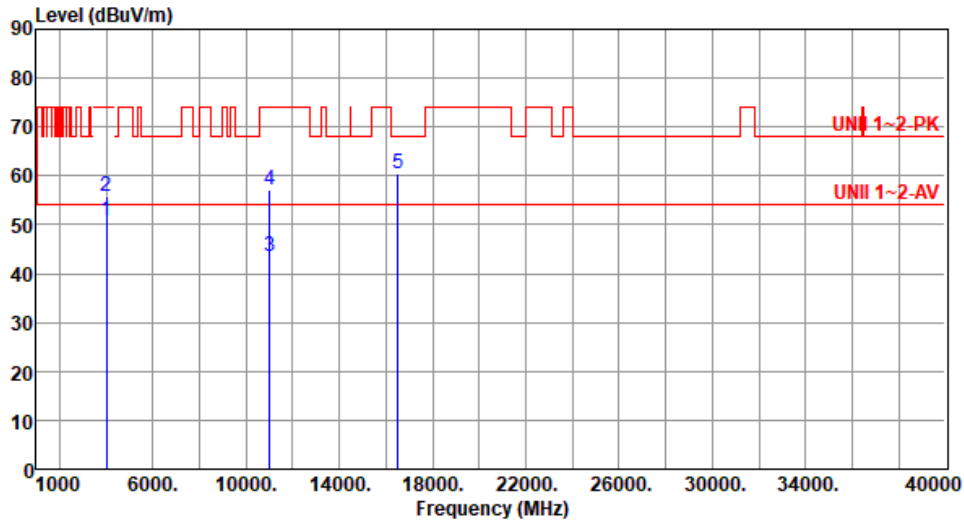
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5500 |
| 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 | 4000.00 | 50.91 | 54.00 | -3.09 | 53.15 | -2.24 | Average | 284 | 137 |
| 2 | 4000.00 | 55.79 | 74.00 | -18.21 | 58.03 | -2.24 | Peak | 284 | 137 |
| 3 | 11000.00 | 43.61 | 54.00 | -10.39 | 36.12 | 7.49 | Average | 100 | 217 |
| 4 | 11000.00 | 56.98 | 74.00 | -17.02 | 49.49 | 7.49 | Peak | 100 | 217 |
| 5 | 16500.00 | 60.32 | 68.20 | -7.88 | 54.33 | 5.99 | Peak | 100 | 143 |

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

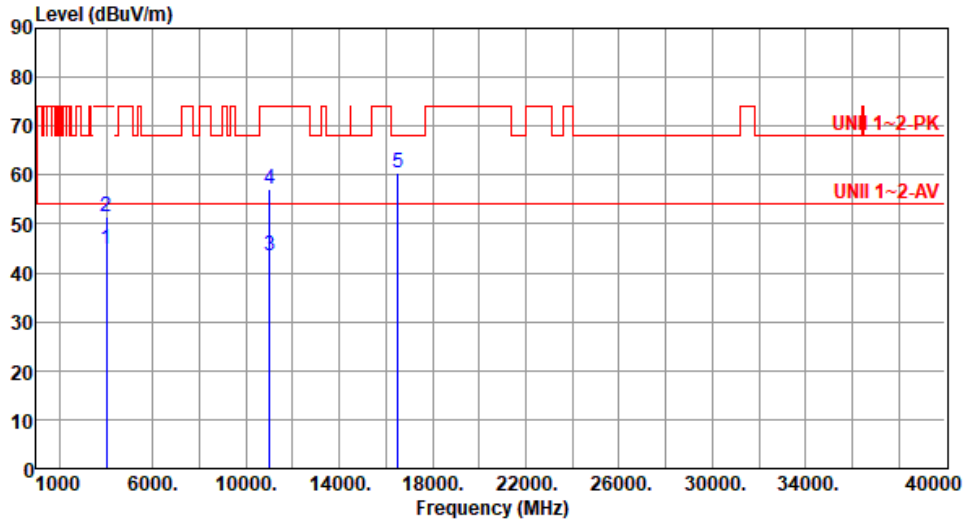
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5500 |
| 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 | 4000.00 | 44.71 | 54.00 | -9.29 | 46.95 | -2.24 | Average | 298 | 214 |
| 2 | 4000.00 | 51.47 | 74.00 | -22.53 | 53.71 | -2.24 | Peak | 298 | 214 |
| 3 | 11000.00 | 43.66 | 54.00 | -10.34 | 36.17 | 7.49 | Average | 100 | 201 |
| 4 | 11000.00 | 57.17 | 74.00 | -16.83 | 49.68 | 7.49 | Peak | 100 | 201 |
| 5 | 16500.00 | 60.30 | 68.20 | -7.90 | 54.31 | 5.99 | Peak | 100 | 117 |

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

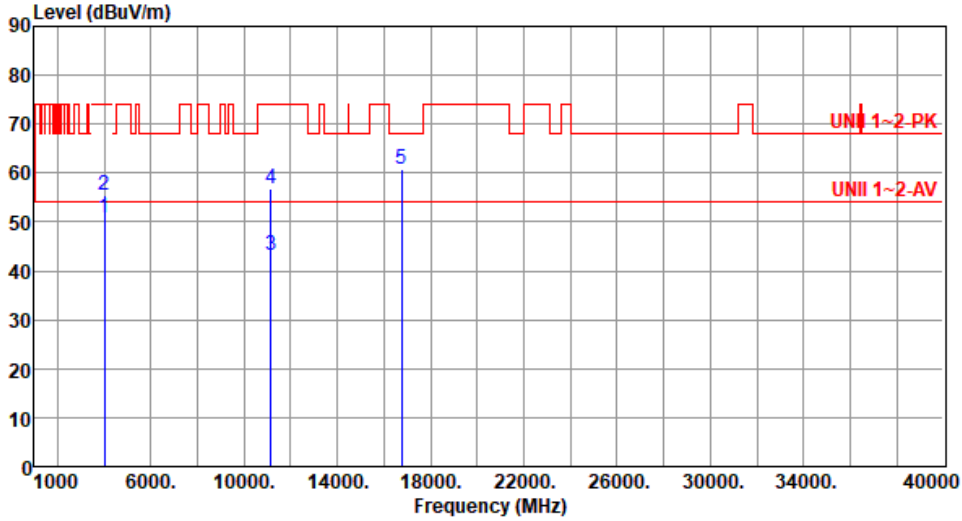
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5580 |
| 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 | 4000.00 | 50.77 | 54.00 | -3.23 | 53.01 | -2.24 | Average | 280 | 134 |
| 2 | 4000.00 | 55.47 | 74.00 | -18.53 | 57.71 | -2.24 | Peak | 280 | 134 |
| 3 | 11160.00 | 43.16 | 54.00 | -10.84 | 36.23 | 6.93 | Average | 100 | 114 |
| 4 | 11160.00 | 56.71 | 74.00 | -17.29 | 49.78 | 6.93 | Peak | 100 | 114 |
| 5 | 16740.00 | 60.69 | 68.20 | -7.51 | 54.34 | 6.35 | Peak | 100 | 208 |

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

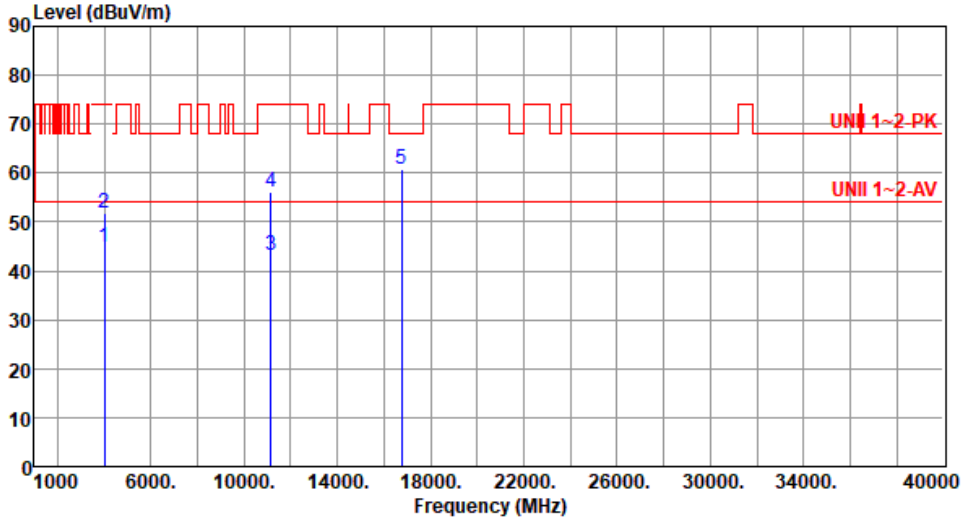
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5580 |
| 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 | 4000.00 | 44.74 | 54.00 | -9.26 | 46.98 | -2.24 | Average | 298 | 204 |
| 2 | 4000.00 | 51.67 | 74.00 | -22.33 | 53.91 | -2.24 | Peak | 298 | 204 |
| 3 | 11160.00 | 43.06 | 54.00 | -10.94 | 36.13 | 6.93 | Average | 100 | 217 |
| 4 | 11160.00 | 56.04 | 74.00 | -17.96 | 49.11 | 6.93 | Peak | 100 | 217 |
| 5 | 16740.00 | 60.82 | 68.20 | -7.38 | 54.47 | 6.35 | Peak | 100 | 116 |

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

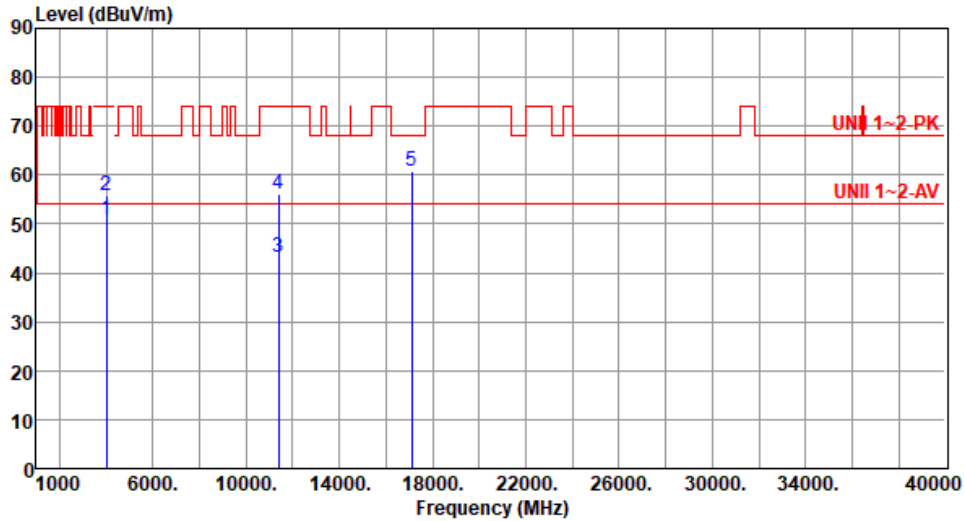
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5700 |
| 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 | 4000.00 | 50.87 | 54.00 | -3.13 | 53.11 | -2.24 | Average | 283 | 140 |
| 2 | 4000.00 | 55.68 | 74.00 | -18.32 | 57.92 | -2.24 | Peak | 283 | 140 |
| 3 | 11400.00 | 43.26 | 54.00 | -10.74 | 36.24 | 7.02 | Average | 100 | 228 |
| 4 | 11400.00 | 56.27 | 74.00 | -17.73 | 49.25 | 7.02 | Peak | 100 | 228 |
| 5 | 17100.00 | 60.63 | 68.20 | -7.57 | 54.68 | 5.95 | Peak | 100 | 165 |

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

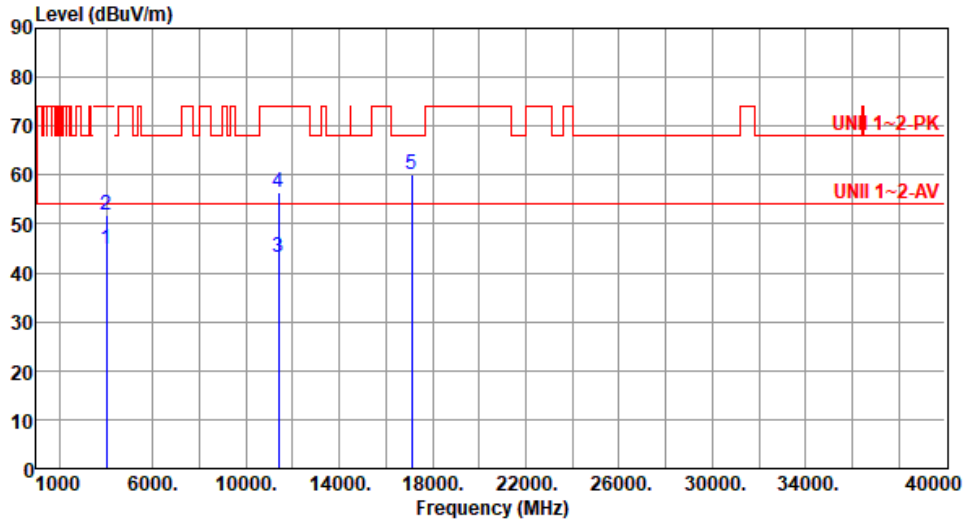
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5700 |
| 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 | 4000.00 | 44.95 | 54.00 | -9.05 | 47.19 | -2.24 | Average | 304 | 201 |
| 2 | 4000.00 | 51.74 | 74.00 | -22.26 | 53.98 | -2.24 | Peak | 304 | 201 |
| 3 | 11400.00 | 43.18 | 54.00 | -10.82 | 36.16 | 7.02 | Average | 100 | 208 |
| 4 | 11400.00 | 56.29 | 74.00 | -17.71 | 49.27 | 7.02 | Peak | 100 | 208 |
| 5 | 17100.00 | 60.05 | 68.20 | -8.15 | 54.10 | 5.95 | Peak | 100 | 185 |

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

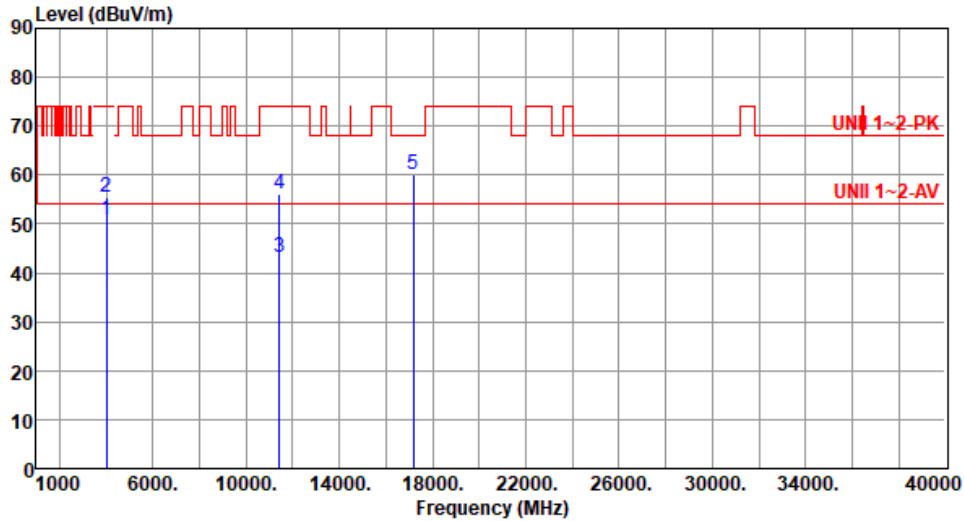
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5720 |
| 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 286 | 137 |
| 2 | 4000.00 | 55.46 | 74.00 | -18.54 | 57.70 | -2.24 | Peak | 286 | 137 |
| 3 | 11440.00 | 43.30 | 54.00 | -10.70 | 36.22 | 7.08 | Average | 100 | 274 |
| 4 | 11440.00 | 56.01 | 74.00 | -17.99 | 48.93 | 7.08 | Peak | 100 | 274 |
| 5 | 17160.00 | 60.20 | 68.20 | -8.00 | 54.14 | 6.06 | Peak | 100 | 311 |

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

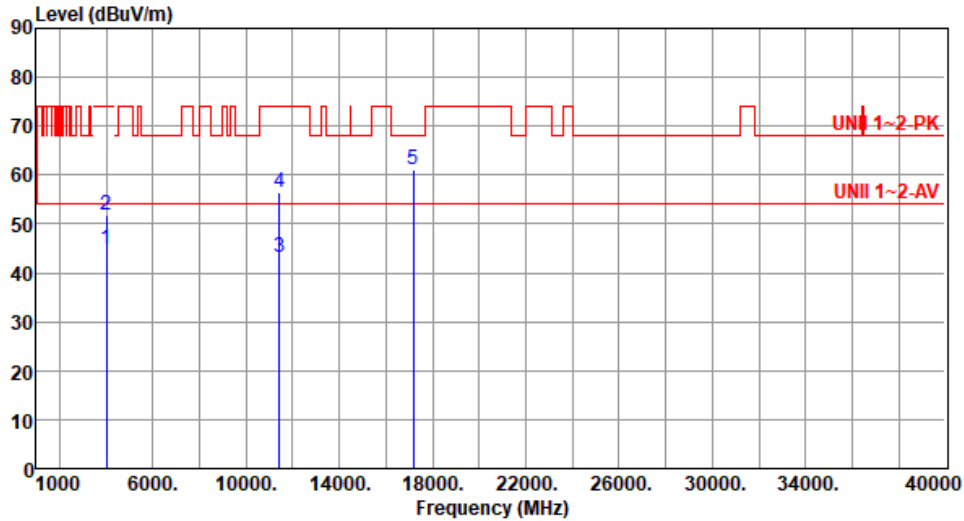
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5720 |
| 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 | 4000.00 | 44.68 | 54.00 | -9.32 | 46.92 | -2.24 | Average | 303 | 214 |
| 2 | 4000.00 | 51.66 | 74.00 | -22.34 | 53.90 | -2.24 | Peak | 303 | 214 |
| 3 | 11440.00 | 43.29 | 54.00 | -10.71 | 36.21 | 7.08 | Average | 100 | 214 |
| 4 | 11440.00 | 56.32 | 74.00 | -17.68 | 49.24 | 7.08 | Peak | 100 | 214 |
| 5 | 17160.00 | 60.95 | 68.20 | -7.25 | 54.89 | 6.06 | Peak | 100 | 178 |

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

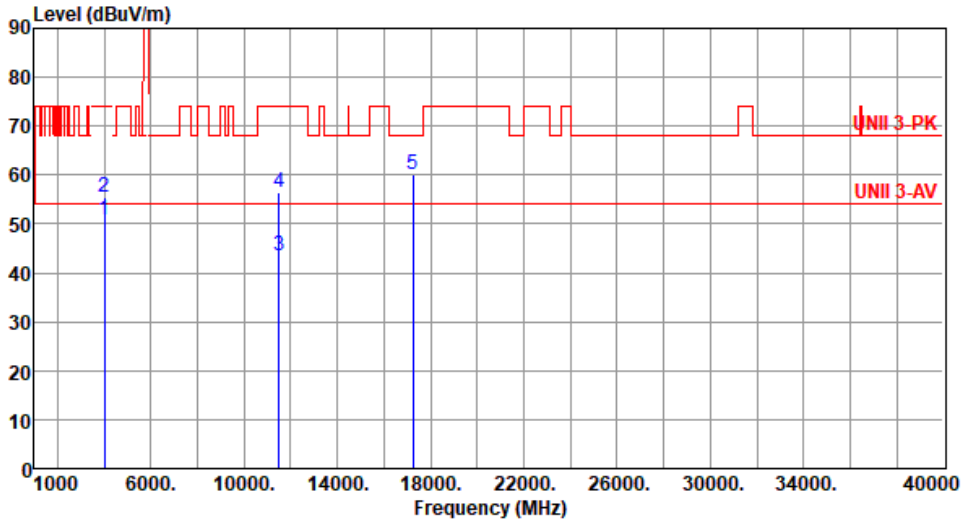
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5745 |
| 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 | 4000.00 | 50.93 | 54.00 | -3.07 | 53.17 | -2.24 | Average | 286 | 133 |
| 2 | 4000.00 | 55.51 | 74.00 | -18.49 | 57.75 | -2.24 | Peak | 286 | 133 |
| 3 | 11490.00 | 43.40 | 54.00 | -10.60 | 36.23 | 7.17 | Average | 100 | 235 |
| 4 | 11490.00 | 56.49 | 74.00 | -17.51 | 49.32 | 7.17 | Peak | 100 | 235 |
| 5 | 17235.00 | 60.20 | 68.20 | -8.00 | 54.12 | 6.08 | Peak | 100 | 106 |

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

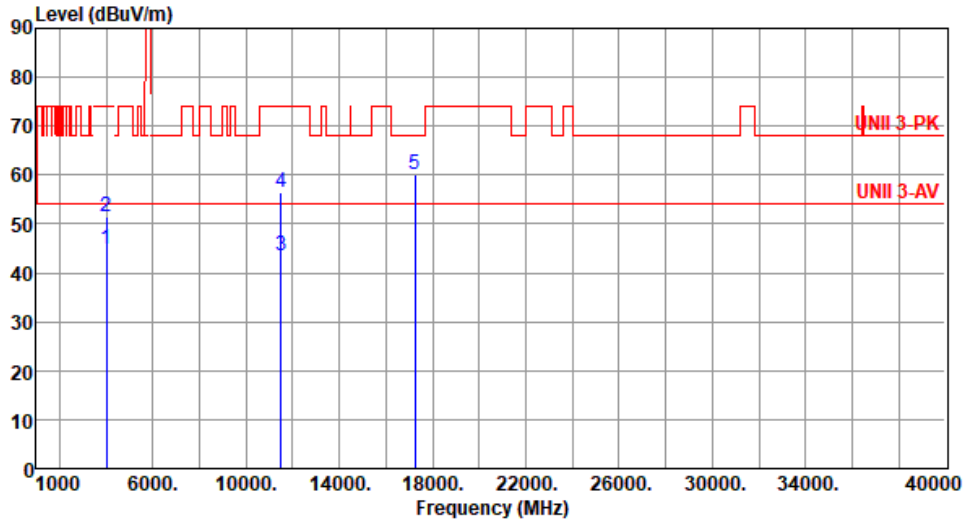
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5745 |
| 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 | 4000.00 | 44.79 | 54.00 | -9.21 | 47.03 | -2.24 | Average | 308 | 201 |
| 2 | 4000.00 | 51.63 | 74.00 | -22.37 | 53.87 | -2.24 | Peak | 308 | 201 |
| 3 | 11490.00 | 43.47 | 54.00 | -10.53 | 36.30 | 7.17 | Average | 100 | 172 |
| 4 | 11490.00 | 56.44 | 74.00 | -17.56 | 49.27 | 7.17 | Peak | 100 | 172 |
| 5 | 17235.00 | 60.19 | 68.20 | -8.01 | 54.11 | 6.08 | Peak | 100 | 286 |

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

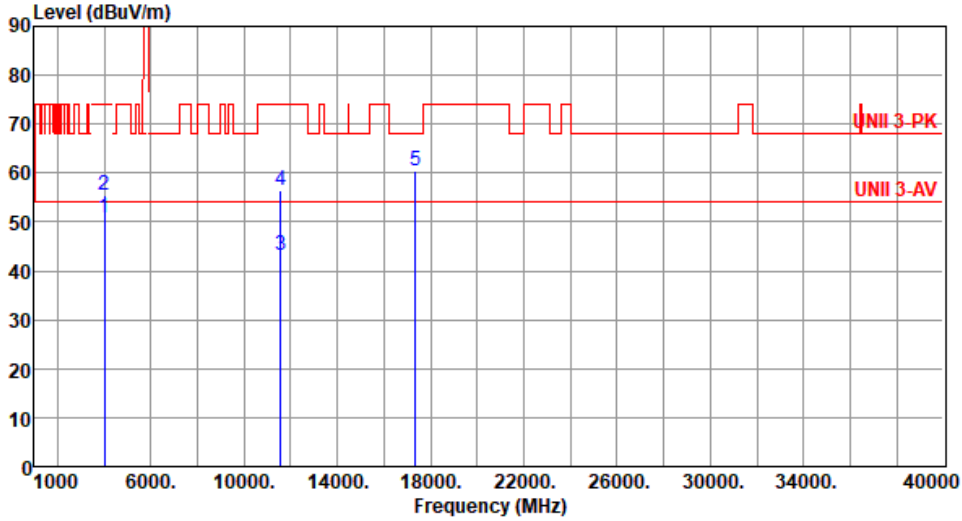
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5785 |
| 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 | 4000.00 | 50.91 | 54.00 | -3.09 | 53.15 | -2.24 | Average | 284 | 136 |
| 2 | 4000.00 | 55.42 | 74.00 | -18.58 | 57.66 | -2.24 | Peak | 284 | 136 |
| 3 | 11570.00 | 43.14 | 54.00 | -10.86 | 36.19 | 6.95 | Average | 100 | 117 |
| 4 | 11570.00 | 56.56 | 74.00 | -17.44 | 49.61 | 6.95 | Peak | 100 | 117 |
| 5 | 17355.00 | 60.45 | 68.20 | -7.75 | 54.23 | 6.22 | Peak | 100 | 58 |

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

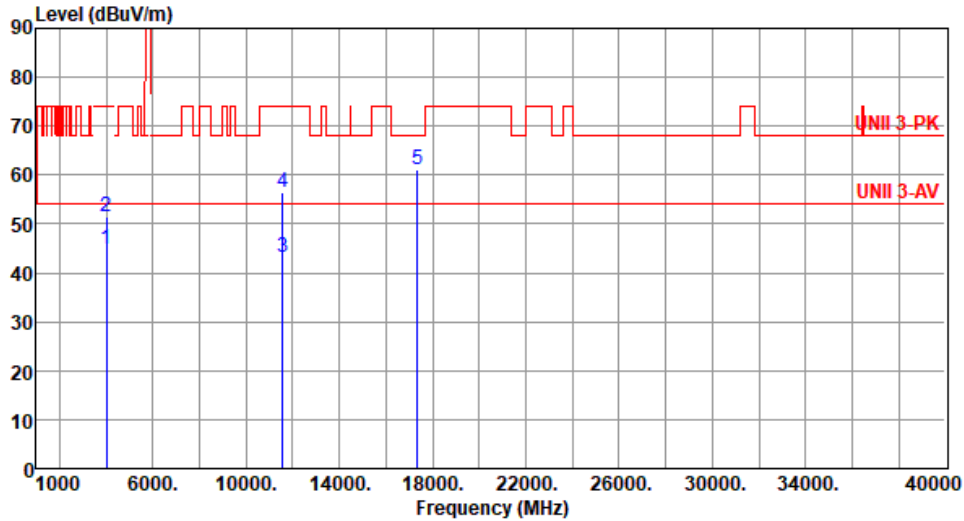
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5785 |
| 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 | 4000.00 | 44.73 | 54.00 | -9.27 | 46.97 | -2.24 | Average | 298 | 201 |
| 2 | 4000.00 | 51.63 | 74.00 | -22.37 | 53.87 | -2.24 | Peak | 298 | 201 |
| 3 | 11570.00 | 43.20 | 54.00 | -10.80 | 36.25 | 6.95 | Average | 100 | 165 |
| 4 | 11570.00 | 56.52 | 74.00 | -17.48 | 49.57 | 6.95 | Peak | 100 | 165 |
| 5 | 17355.00 | 61.09 | 68.20 | -7.11 | 54.87 | 6.22 | Peak | 100 | 108 |

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

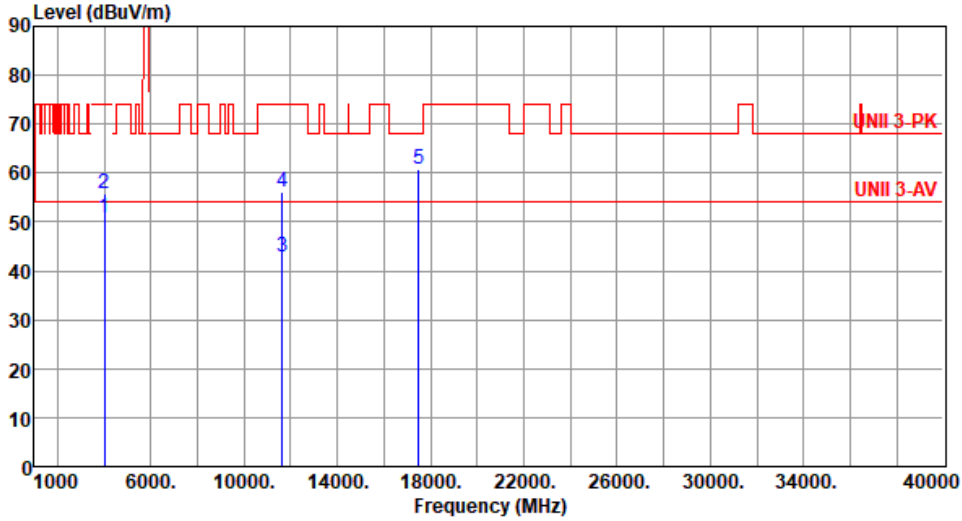
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|--------------|-------------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5825 |
| 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 | 4000.00 | 50.88 | 54.00 | -3.12 | 53.12 | -2.24 | Average | 283 | 133 |
| 2 | 4000.00 | 55.67 | 74.00 | -18.33 | 57.91 | -2.24 | Peak | 283 | 133 |
| 3 | 11650.00 | 42.85 | 54.00 | -11.15 | 36.18 | 6.67 | Average | 100 | 174 |
| 4 | 11650.00 | 56.27 | 74.00 | -17.73 | 49.60 | 6.67 | Peak | 100 | 174 |
| 5 | 17475.00 | 60.66 | 68.20 | -7.54 | 54.08 | 6.58 | Peak | 100 | 106 |

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

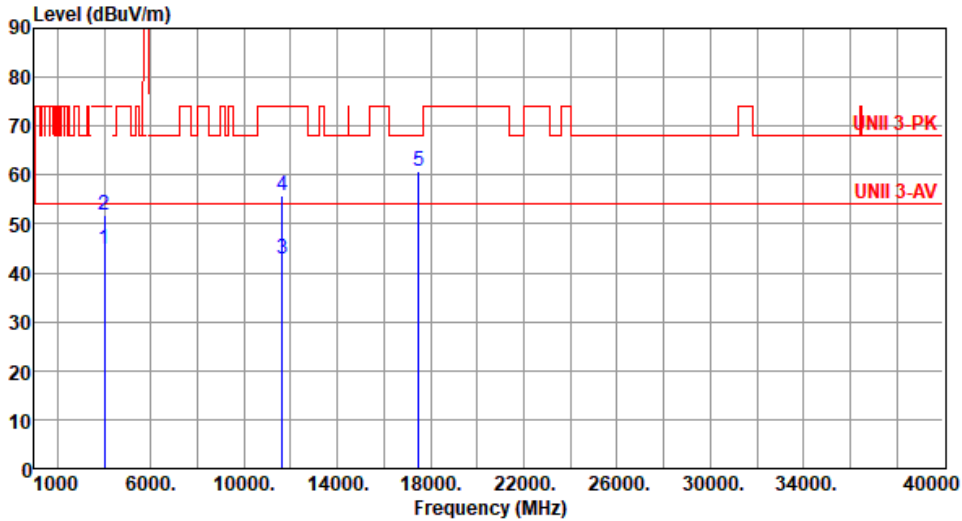
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|--------------|------------------|------|
| Modulation | ax HE20 RU52 | Test Freq. (MHz) | 5825 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 298 | 201 |
| 2 | 4000.00 | 51.68 | 74.00 | -22.32 | 53.92 | -2.24 | Peak | 298 | 201 |
| 3 | 11650.00 | 42.93 | 54.00 | -11.07 | 36.26 | 6.67 | Average | 100 | 155 |
| 4 | 11650.00 | 55.92 | 74.00 | -18.08 | 49.25 | 6.67 | Peak | 100 | 155 |
| 5 | 17475.00 | 60.80 | 68.20 | -7.40 | 54.22 | 6.58 | Peak | 100 | 104 |

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

*Factor includes antenna factor , cable loss and amplifier gain

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



Unwanted Emissions (Above 1GHz) for ax HE20 RU106

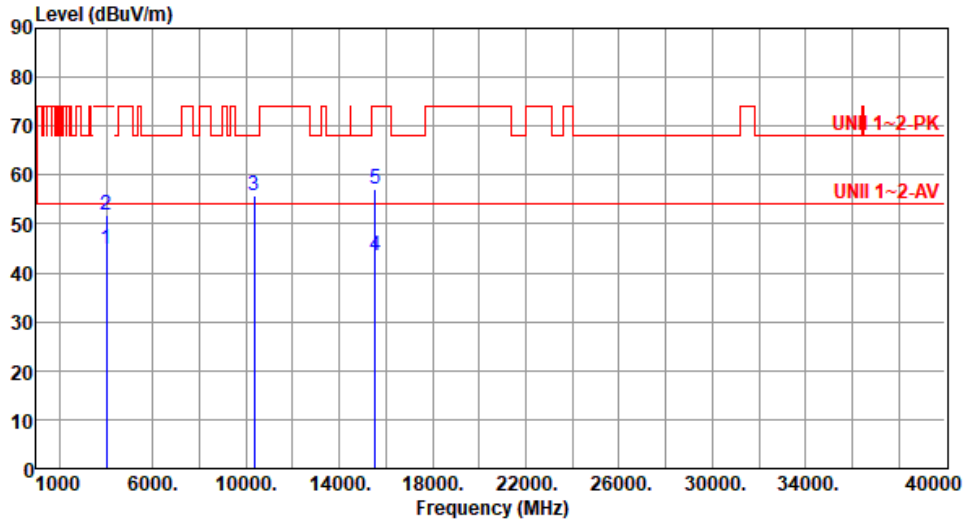
| | | | | | | | | | |
|---|---------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5180 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| 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 | 4000.00 | 50.83 | 54.00 | -3.17 | 53.07 | -2.24 | Average | 286 | 137 |
| 2 | 4000.00 | 55.72 | 74.00 | -18.28 | 57.96 | -2.24 | Peak | 286 | 137 |
| 3 | 10360.00 | 55.93 | 68.20 | -12.27 | 48.92 | 7.01 | Peak | 100 | 169 |
| 4 | 15540.00 | 43.56 | 54.00 | -10.44 | 39.51 | 4.05 | Average | 100 | 212 |
| 5 | 15540.00 | 56.81 | 74.00 | -17.19 | 52.76 | 4.05 | Peak | 100 | 212 |

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 RU106 | Test Freq. (MHz) | 5180 |
| 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 | 4000.00 | 44.83 | 54.00 | -9.17 | 47.07 | -2.24 | Average | 305 | 207 |
| 2 | 4000.00 | 51.73 | 74.00 | -22.27 | 53.97 | -2.24 | Peak | 305 | 207 |
| 3 | 10360.00 | 55.86 | 68.20 | -12.34 | 48.85 | 7.01 | Peak | 100 | 229 |
| 4 | 15540.00 | 43.50 | 54.00 | -10.50 | 39.45 | 4.05 | Average | 100 | 105 |
| 5 | 15540.00 | 57.02 | 74.00 | -16.98 | 52.97 | 4.05 | Peak | 100 | 105 |

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

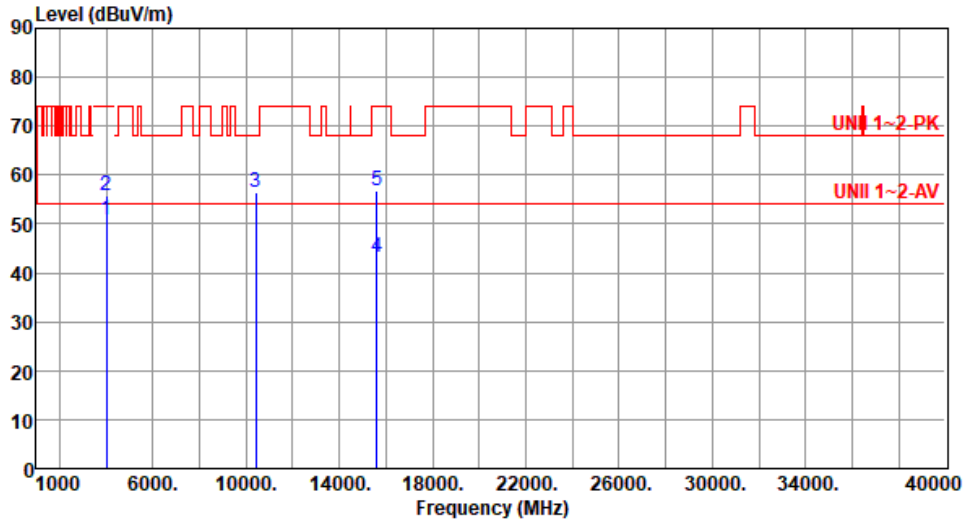
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5200 |
| 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 | 4000.00 | 50.82 | 54.00 | -3.18 | 53.06 | -2.24 | Average | 283 | 134 |
| 2 | 4000.00 | 55.67 | 74.00 | -18.33 | 57.91 | -2.24 | Peak | 283 | 134 |
| 3 | 10400.00 | 56.37 | 68.20 | -11.83 | 49.26 | 7.11 | Peak | 100 | 218 |
| 4 | 15600.00 | 43.26 | 54.00 | -10.74 | 39.41 | 3.85 | Average | 100 | 56 |
| 5 | 15600.00 | 56.71 | 74.00 | -17.29 | 52.86 | 3.85 | Peak | 100 | 56 |

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

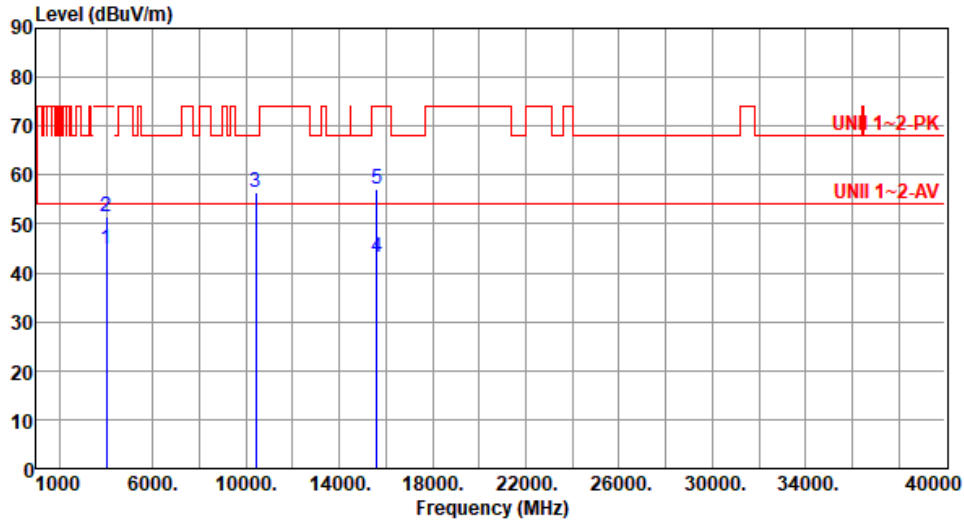
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5200 |
| 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 | 4000.00 | 44.76 | 54.00 | -9.24 | 47.00 | -2.24 | Average | 309 | 204 |
| 2 | 4000.00 | 51.62 | 74.00 | -22.38 | 53.86 | -2.24 | Peak | 309 | 204 |
| 3 | 10400.00 | 56.46 | 68.20 | -11.74 | 49.35 | 7.11 | Peak | 100 | 68 |
| 4 | 15600.00 | 43.03 | 54.00 | -10.97 | 39.18 | 3.85 | Average | 100 | 179 |
| 5 | 15600.00 | 56.99 | 74.00 | -17.01 | 53.14 | 3.85 | Peak | 100 | 179 |

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

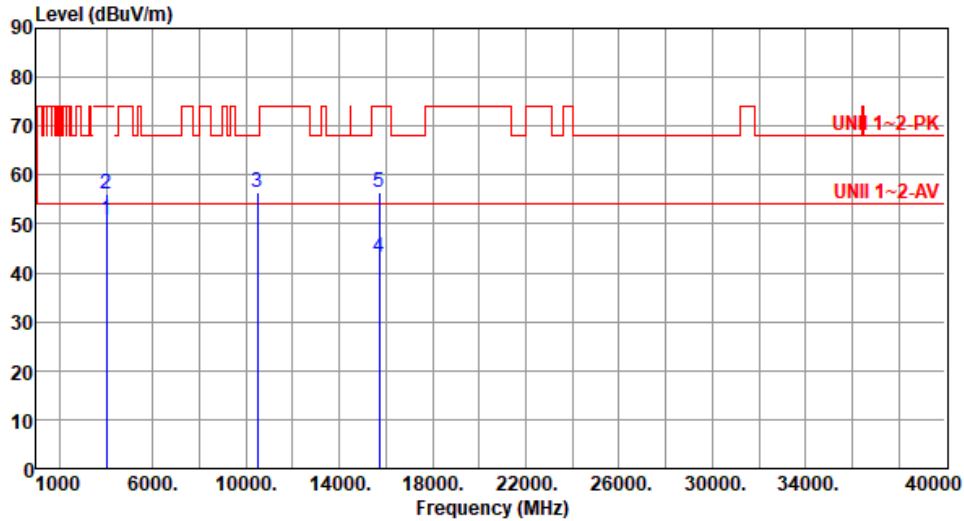
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.92 | 54.00 | -3.08 | 53.16 | -2.24 | Average | 285 | 132 |
| 2 | 4000.00 | 55.97 | 74.00 | -18.03 | 58.21 | -2.24 | Peak | 285 | 132 |
| 3 | 10480.00 | 56.35 | 68.20 | -11.85 | 49.18 | 7.17 | Peak | 100 | 217 |
| 4 | 15720.00 | 43.17 | 54.00 | -10.83 | 39.34 | 3.83 | Average | 100 | 138 |
| 5 | 15720.00 | 56.39 | 74.00 | -17.61 | 52.56 | 3.83 | Peak | 100 | 138 |

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

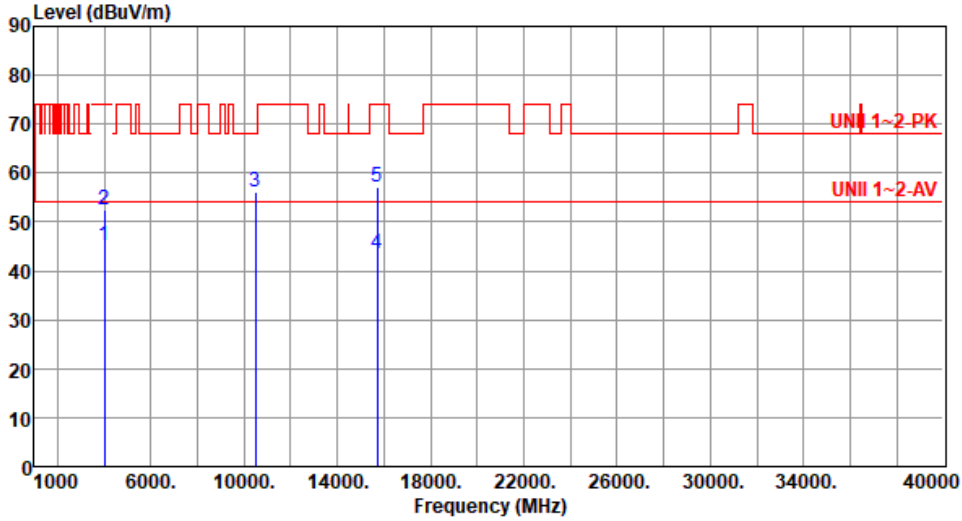
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 45.13 | 54.00 | -8.87 | 47.37 | -2.24 | Average | 302 | 210 |
| 2 | 4000.00 | 52.37 | 74.00 | -21.63 | 54.61 | -2.24 | Peak | 302 | 210 |
| 3 | 10480.00 | 56.10 | 68.20 | -12.10 | 48.93 | 7.17 | Peak | 100 | 156 |
| 4 | 15720.00 | 43.40 | 54.00 | -10.60 | 39.57 | 3.83 | Average | 100 | 167 |
| 5 | 15720.00 | 57.11 | 74.00 | -16.89 | 53.28 | 3.83 | Peak | 100 | 167 |

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

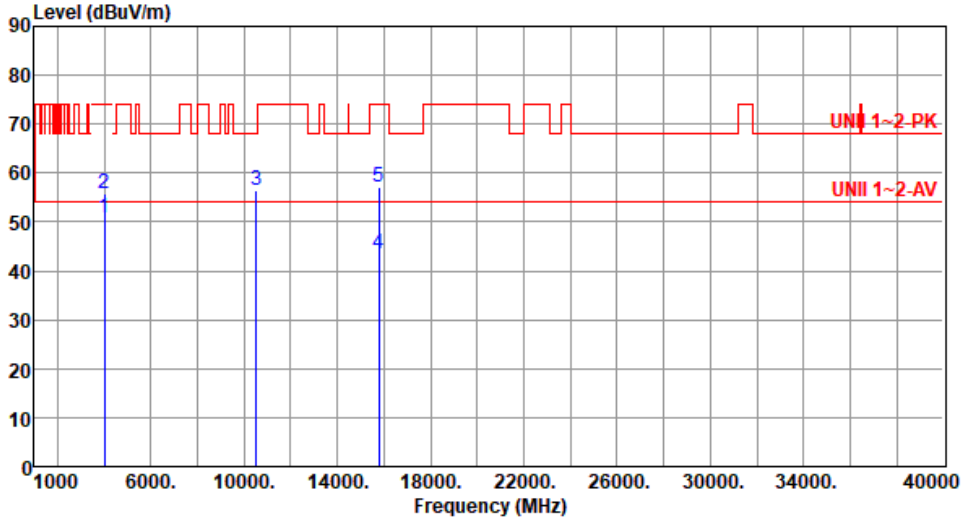
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.81 | 54.00 | -3.19 | 53.05 | -2.24 | Average | 286 | 133 |
| 2 | 4000.00 | 55.94 | 74.00 | -18.06 | 58.18 | -2.24 | Peak | 286 | 133 |
| 3 | 10520.00 | 56.41 | 68.20 | -11.79 | 49.22 | 7.19 | Peak | 100 | 126 |
| 4 | 15780.00 | 43.40 | 54.00 | -10.60 | 39.53 | 3.87 | Average | 100 | 248 |
| 5 | 15780.00 | 57.16 | 74.00 | -16.84 | 53.29 | 3.87 | Peak | 100 | 248 |

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

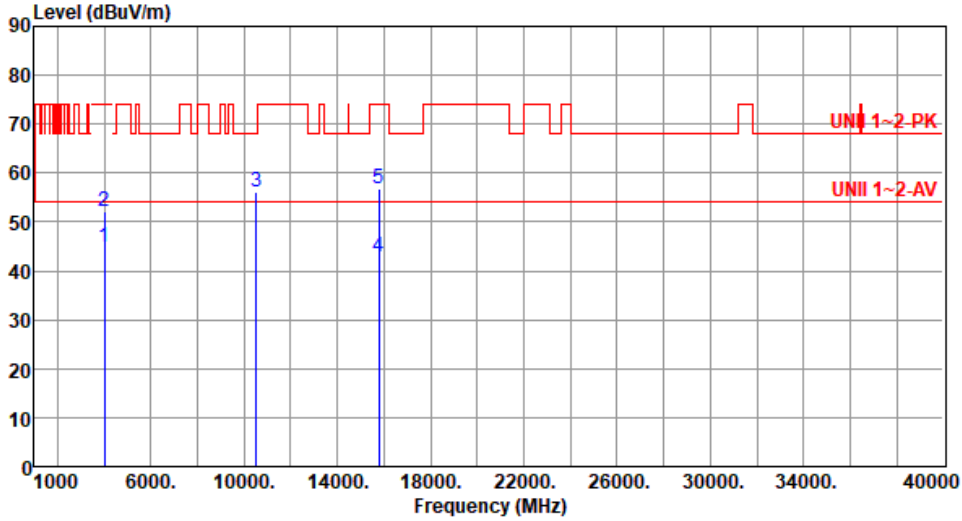
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5260 |
| 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 | 4000.00 | 44.76 | 54.00 | -9.24 | 47.00 | -2.24 | Average | 308 | 203 |
| 2 | 4000.00 | 52.12 | 74.00 | -21.88 | 54.36 | -2.24 | Peak | 308 | 203 |
| 3 | 10520.00 | 56.08 | 68.20 | -12.12 | 48.89 | 7.19 | Peak | 100 | 151 |
| 4 | 15780.00 | 42.98 | 54.00 | -11.02 | 39.11 | 3.87 | Average | 100 | 234 |
| 5 | 15780.00 | 56.95 | 74.00 | -17.05 | 53.08 | 3.87 | Peak | 100 | 234 |

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

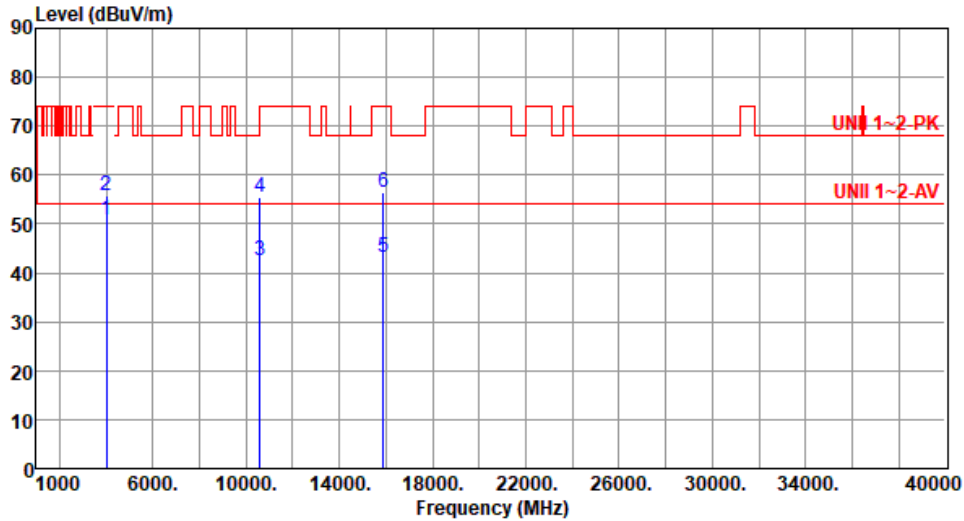
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 287 | 132 |
| 2 | 4000.00 | 55.87 | 74.00 | -18.13 | 58.11 | -2.24 | Peak | 287 | 132 |
| 3 | 10600.00 | 42.40 | 54.00 | -11.60 | 35.23 | 7.17 | Average | 100 | 113 |
| 4 | 10600.00 | 55.50 | 74.00 | -18.50 | 48.33 | 7.17 | Peak | 100 | 113 |
| 5 | 15900.00 | 43.01 | 54.00 | -10.99 | 38.96 | 4.05 | Average | 100 | 202 |
| 6 | 15900.00 | 56.59 | 74.00 | -17.41 | 52.54 | 4.05 | Peak | 100 | 202 |

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

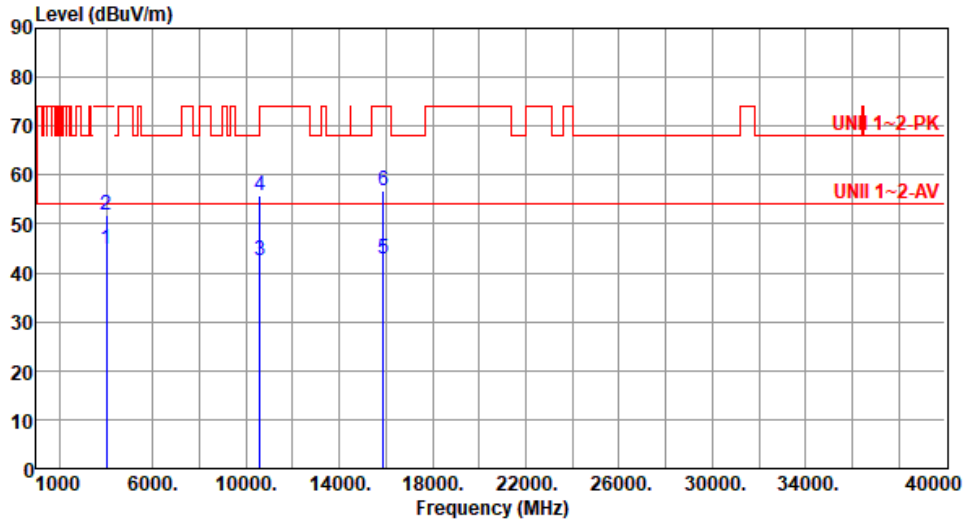
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5300 |
| 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 | 4000.00 | 44.72 | 54.00 | -9.28 | 46.96 | -2.24 | Average | 306 | 207 |
| 2 | 4000.00 | 51.81 | 74.00 | -22.19 | 54.05 | -2.24 | Peak | 306 | 207 |
| 3 | 10600.00 | 42.51 | 54.00 | -11.49 | 35.34 | 7.17 | Average | 100 | 216 |
| 4 | 10600.00 | 55.84 | 74.00 | -18.16 | 48.67 | 7.17 | Peak | 100 | 216 |
| 5 | 15900.00 | 42.99 | 54.00 | -11.01 | 38.94 | 4.05 | Average | 100 | 188 |
| 6 | 15900.00 | 56.80 | 74.00 | -17.20 | 52.75 | 4.05 | Peak | 100 | 188 |

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

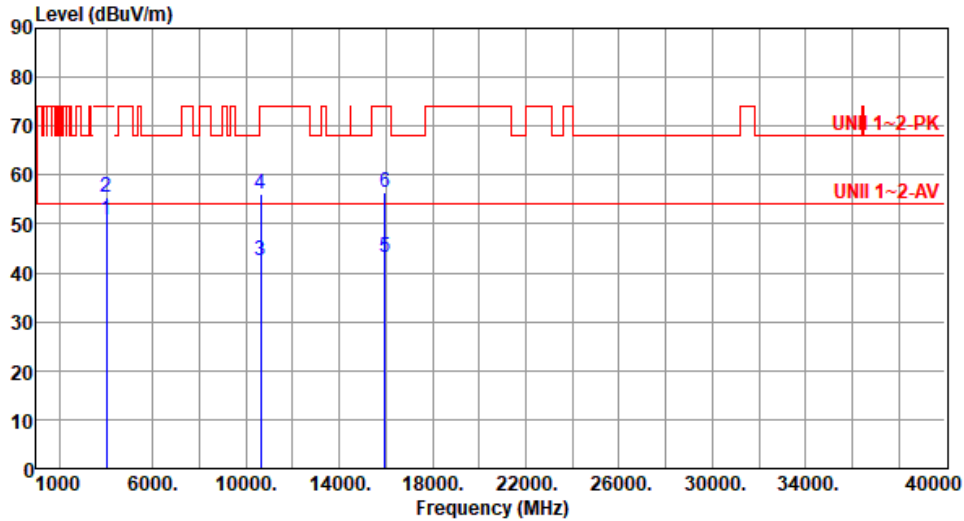
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.79 | 54.00 | -3.21 | 53.03 | -2.24 | Average | 281 | 132 |
| 2 | 4000.00 | 55.31 | 74.00 | -18.69 | 57.55 | -2.24 | Peak | 281 | 132 |
| 3 | 10640.00 | 42.45 | 54.00 | -11.55 | 35.33 | 7.12 | Average | 100 | 159 |
| 4 | 10640.00 | 56.14 | 74.00 | -17.86 | 49.02 | 7.12 | Peak | 100 | 159 |
| 5 | 15960.00 | 43.30 | 54.00 | -10.70 | 39.27 | 4.03 | Average | 100 | 210 |
| 6 | 15960.00 | 56.61 | 74.00 | -17.39 | 52.58 | 4.03 | Peak | 100 | 210 |

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

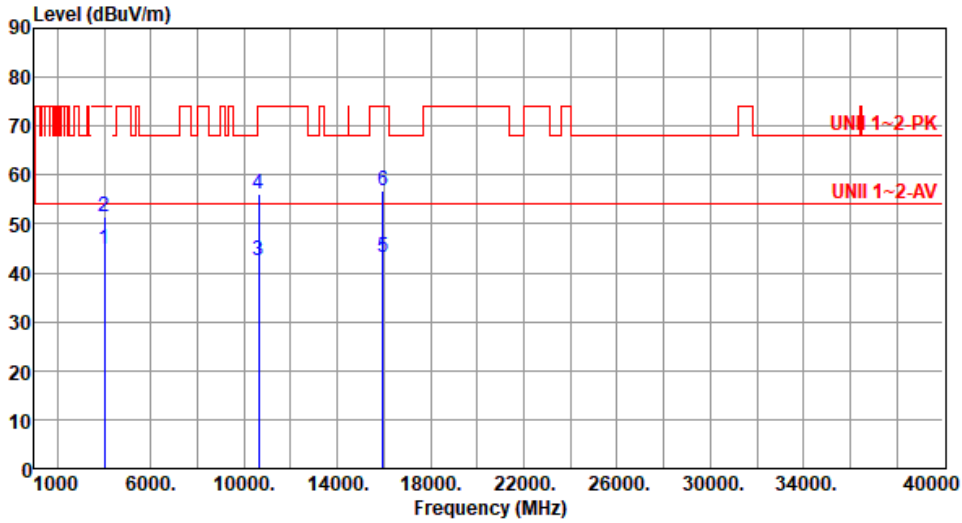
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5320 |
| 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 | 4000.00 | 44.68 | 54.00 | -9.32 | 46.92 | -2.24 | Average | 304 | 208 |
| 2 | 4000.00 | 51.54 | 74.00 | -22.46 | 53.78 | -2.24 | Peak | 304 | 208 |
| 3 | 10640.00 | 42.48 | 54.00 | -11.52 | 35.36 | 7.12 | Average | 100 | 161 |
| 4 | 10640.00 | 56.07 | 74.00 | -17.93 | 48.95 | 7.12 | Peak | 100 | 161 |
| 5 | 15960.00 | 43.18 | 54.00 | -10.82 | 39.15 | 4.03 | Average | 100 | 221 |
| 6 | 15960.00 | 56.79 | 74.00 | -17.21 | 52.76 | 4.03 | 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).

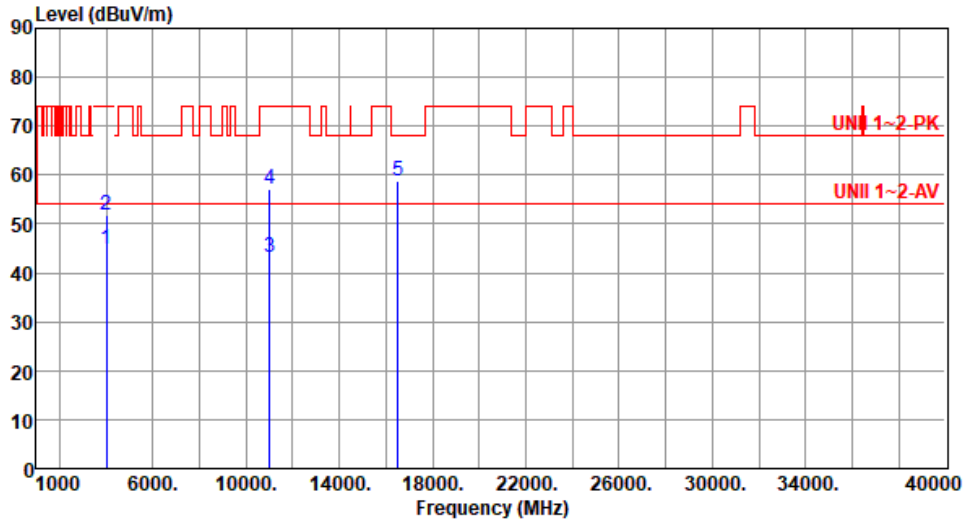


| | | | | | | | | | |
|---|---------------|-------------------------|--------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5500 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| <p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 40000). A red line represents the UNII 1-2-PK limit, and a lower red line represents the UNII 1-2-AV limit. Blue vertical lines indicate measurement points at 4000 MHz (labeled 2), 11000 MHz (labeled 3 and 4), and 16500 MHz (labeled 5). The emission levels at these points are approximately 55.66, 56.71, and 59.60 dBuV/m respectively, all below the UNII 1-2-AV limit.</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 | 4000.00 | 50.82 | 54.00 | -3.18 | 53.06 | -2.24 | Average | 285 | 131 |
| 2 | 4000.00 | 55.66 | 74.00 | -18.34 | 57.90 | -2.24 | Peak | 285 | 131 |
| 3 | 11000.00 | 43.41 | 54.00 | -10.59 | 35.92 | 7.49 | Average | 100 | 226 |
| 4 | 11000.00 | 56.71 | 74.00 | -17.29 | 49.22 | 7.49 | Peak | 100 | 226 |
| 5 | 16500.00 | 59.60 | 68.20 | -8.60 | 53.61 | 5.99 | 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 HE20 RU106 | 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 | 4000.00 | 44.93 | 54.00 | -9.07 | 47.17 | -2.24 | Average | 304 | 207 |
| 2 | 4000.00 | 51.84 | 74.00 | -22.16 | 54.08 | -2.24 | Peak | 304 | 207 |
| 3 | 11000.00 | 43.21 | 54.00 | -10.79 | 35.72 | 7.49 | Average | 100 | 196 |
| 4 | 11000.00 | 57.01 | 74.00 | -16.99 | 49.52 | 7.49 | Peak | 100 | 196 |
| 5 | 16500.00 | 58.88 | 68.20 | -9.32 | 52.89 | 5.99 | Peak | 100 | 124 |

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

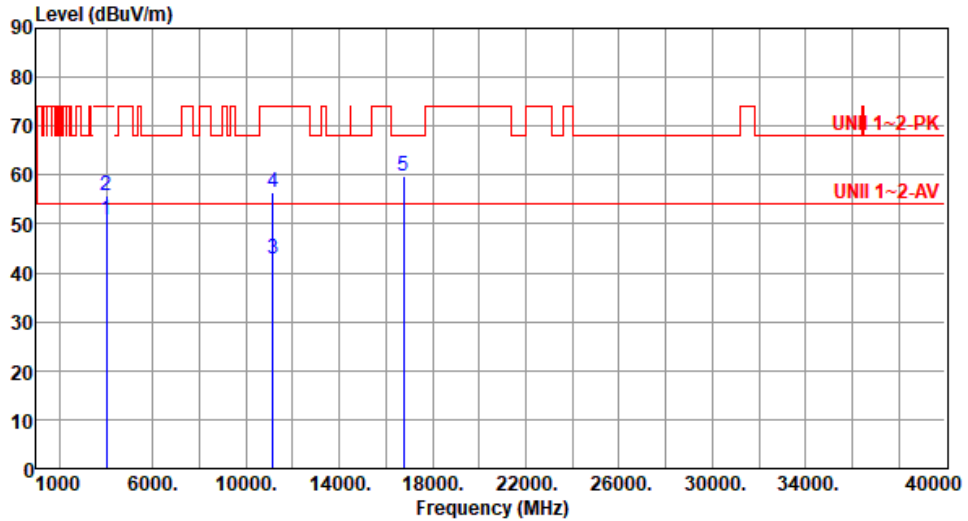
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 286 | 132 |
| 2 | 4000.00 | 55.89 | 74.00 | -18.11 | 58.13 | -2.24 | Peak | 286 | 132 |
| 3 | 11160.00 | 42.95 | 54.00 | -11.05 | 36.02 | 6.93 | Average | 100 | 125 |
| 4 | 11160.00 | 56.29 | 74.00 | -17.71 | 49.36 | 6.93 | Peak | 100 | 125 |
| 5 | 16740.00 | 59.70 | 68.20 | -8.50 | 53.35 | 6.35 | 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).

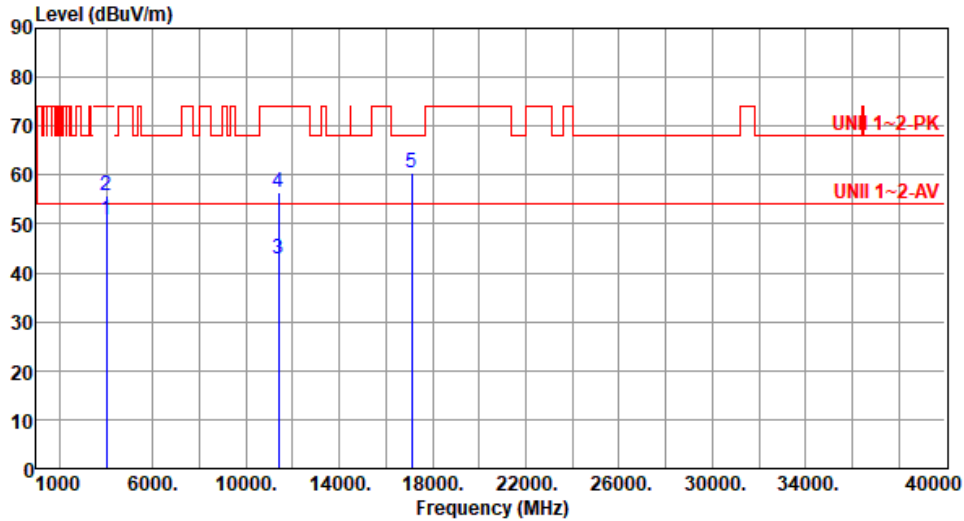


| | | | | | | | | | |
|--|---------------|----------------|-------------------------|--------|------------|--------|---------|-------------|----------------|
| Modulation | ax HE20 RU106 | | Test Freq. (MHz) | 5580 | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Paul Lin Temperature(°C):25 Humidity(%):61 | | | | | | | | | |
| <p>The graph plots Level (dBUV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 40000). A red line represents the emission level, showing a series of peaks. Two horizontal red lines indicate limits: UNII 1~2-PK at approximately 68 dBuV/m and UNII 1~2-AV at approximately 54 dBuV/m. Five vertical blue lines mark specific frequencies: 1 at 4000 MHz, 2 at 4000 MHz, 3 at 11160 MHz, 4 at 11160 MHz, and 5 at 16740 MHz.</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 | 4000.00 | 44.84 | 54.00 | -9.16 | 47.08 | -2.24 | Average | 303 | 211 |
| 2 | 4000.00 | 51.88 | 74.00 | -22.12 | 54.12 | -2.24 | Peak | 303 | 211 |
| 3 | 11160.00 | 42.99 | 54.00 | -11.01 | 36.06 | 6.93 | Average | 100 | 213 |
| 4 | 11160.00 | 56.26 | 74.00 | -17.74 | 49.33 | 6.93 | Peak | 100 | 213 |
| 5 | 16740.00 | 59.52 | 68.20 | -8.68 | 53.17 | 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 RU106 | 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 | 4000.00 | 50.91 | 54.00 | -3.09 | 53.15 | -2.24 | Average | 285 | 137 |
| 2 | 4000.00 | 55.82 | 74.00 | -18.18 | 58.06 | -2.24 | Peak | 285 | 137 |
| 3 | 11400.00 | 42.98 | 54.00 | -11.02 | 35.96 | 7.02 | Average | 100 | 231 |
| 4 | 11400.00 | 56.55 | 74.00 | -17.45 | 49.53 | 7.02 | Peak | 100 | 231 |
| 5 | 17100.00 | 60.30 | 68.20 | -7.90 | 54.35 | 5.95 | Peak | 100 | 172 |

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

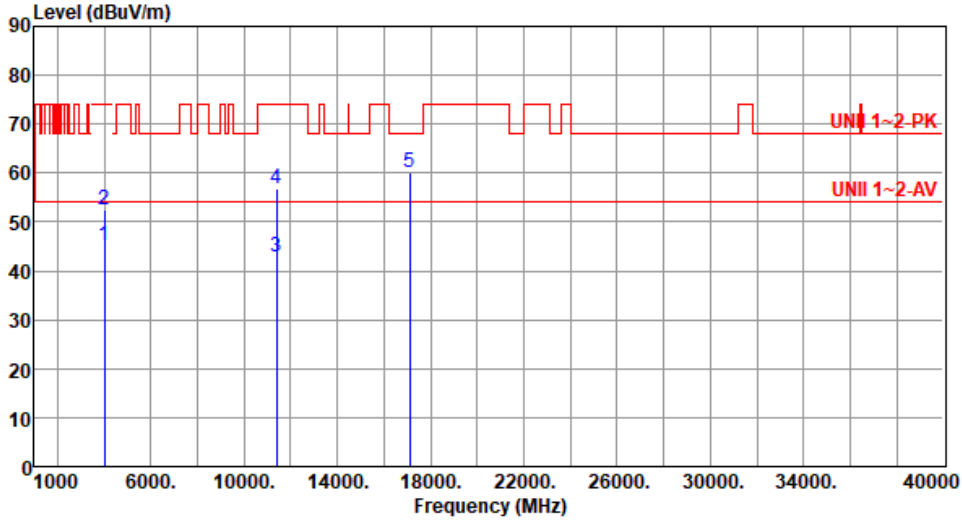
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 45.22 | 54.00 | -8.78 | 47.46 | -2.24 | Average | 306 | 205 |
| 2 | 4000.00 | 52.37 | 74.00 | -21.63 | 54.61 | -2.24 | Peak | 306 | 205 |
| 3 | 11400.00 | 42.80 | 54.00 | -11.20 | 35.78 | 7.02 | Average | 100 | 211 |
| 4 | 11400.00 | 56.78 | 74.00 | -17.22 | 49.76 | 7.02 | Peak | 100 | 211 |
| 5 | 17100.00 | 60.24 | 68.20 | -7.96 | 54.29 | 5.95 | Peak | 100 | 196 |

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

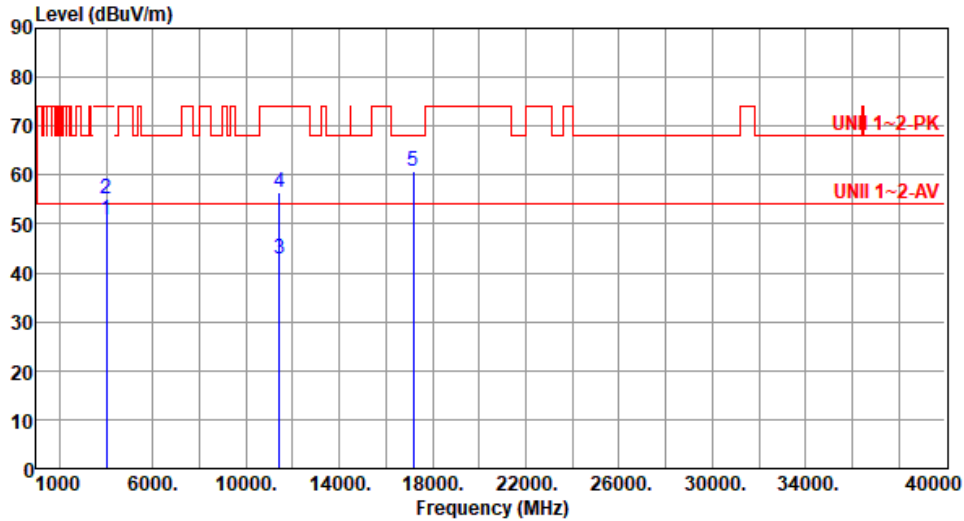
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.78 | 54.00 | -3.22 | 53.02 | -2.24 | Average | 286 | 129 |
| 2 | 4000.00 | 55.25 | 74.00 | -18.75 | 57.49 | -2.24 | Peak | 286 | 129 |
| 3 | 11440.00 | 42.81 | 54.00 | -11.19 | 35.73 | 7.08 | Average | 100 | 285 |
| 4 | 11440.00 | 56.60 | 74.00 | -17.40 | 49.52 | 7.08 | Peak | 100 | 285 |
| 5 | 17160.00 | 60.82 | 68.20 | -7.38 | 54.76 | 6.06 | Peak | 100 | 303 |

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

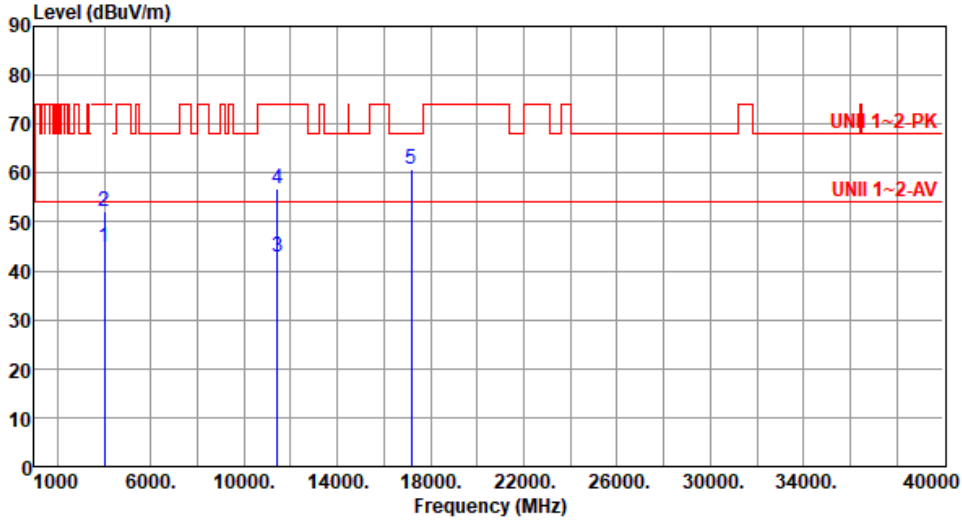
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 44.91 | 54.00 | -9.09 | 47.15 | -2.24 | Average | 305 | 207 |
| 2 | 4000.00 | 52.18 | 74.00 | -21.82 | 54.42 | -2.24 | Peak | 305 | 207 |
| 3 | 11440.00 | 42.93 | 54.00 | -11.07 | 35.85 | 7.08 | Average | 100 | 208 |
| 4 | 11440.00 | 56.95 | 74.00 | -17.05 | 49.87 | 7.08 | Peak | 100 | 208 |
| 5 | 17160.00 | 60.65 | 68.20 | -7.55 | 54.59 | 6.06 | Peak | 100 | 176 |

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

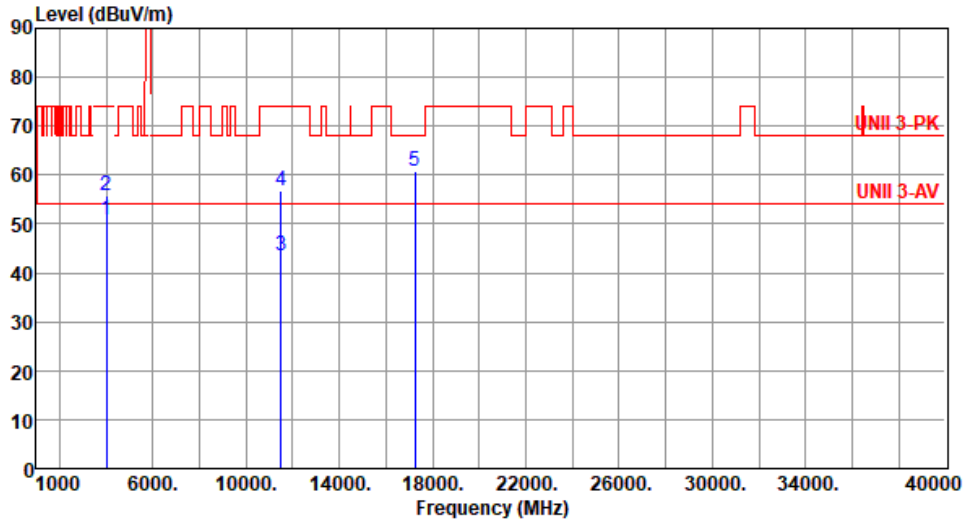
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5745 |
| 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 | 4000.00 | 50.82 | 54.00 | -3.18 | 53.06 | -2.24 | Average | 288 | 138 |
| 2 | 4000.00 | 55.79 | 74.00 | -18.21 | 58.03 | -2.24 | Peak | 288 | 138 |
| 3 | 11490.00 | 43.34 | 54.00 | -10.66 | 36.17 | 7.17 | Average | 100 | 227 |
| 4 | 11490.00 | 56.68 | 74.00 | -17.32 | 49.51 | 7.17 | Peak | 100 | 227 |
| 5 | 17235.00 | 60.93 | 68.20 | -7.27 | 54.85 | 6.08 | Peak | 100 | 105 |

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

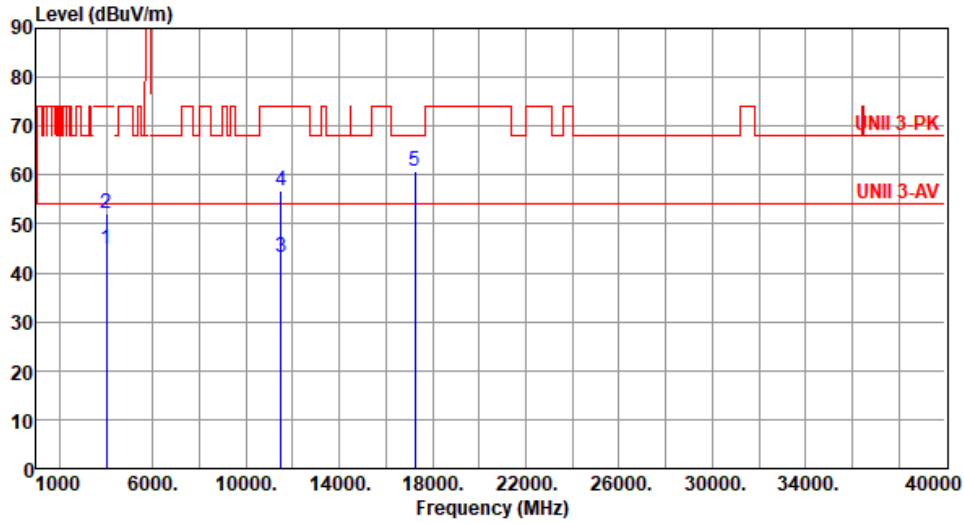
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5745 |
| 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 | 4000.00 | 44.88 | 54.00 | -9.12 | 47.12 | -2.24 | Average | 301 | 209 |
| 2 | 4000.00 | 52.04 | 74.00 | -21.96 | 54.28 | -2.24 | Peak | 301 | 209 |
| 3 | 11490.00 | 43.13 | 54.00 | -10.87 | 35.96 | 7.17 | Average | 100 | 168 |
| 4 | 11490.00 | 56.73 | 74.00 | -17.27 | 49.56 | 7.17 | Peak | 100 | 168 |
| 5 | 17235.00 | 60.63 | 68.20 | -7.57 | 54.55 | 6.08 | Peak | 100 | 290 |

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

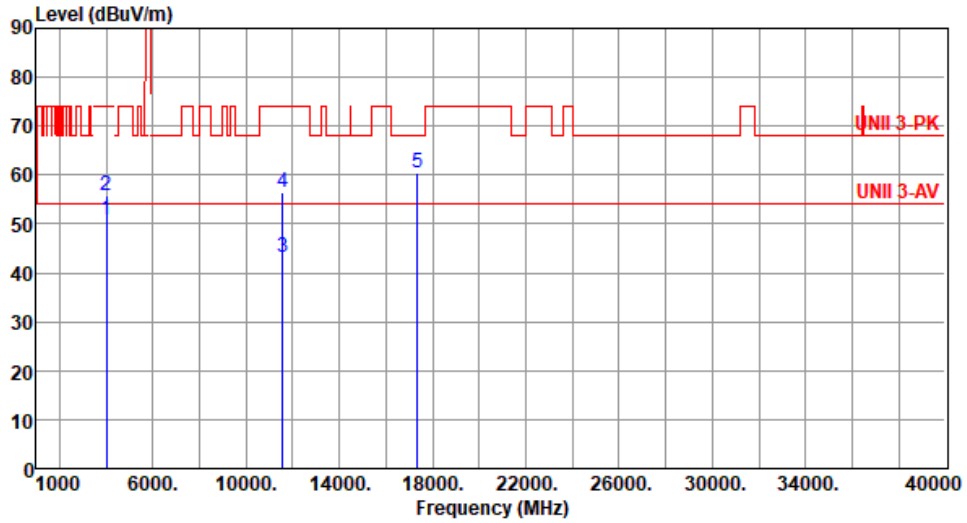
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.88 | 54.00 | -3.12 | 53.12 | -2.24 | Average | 285 | 134 |
| 2 | 4000.00 | 55.72 | 74.00 | -18.28 | 57.96 | -2.24 | Peak | 285 | 134 |
| 3 | 11570.00 | 43.05 | 54.00 | -10.95 | 36.10 | 6.95 | Average | 100 | 125 |
| 4 | 11570.00 | 56.51 | 74.00 | -17.49 | 49.56 | 6.95 | Peak | 100 | 125 |
| 5 | 17355.00 | 60.48 | 68.20 | -7.72 | 54.26 | 6.22 | Peak | 100 | 67 |

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

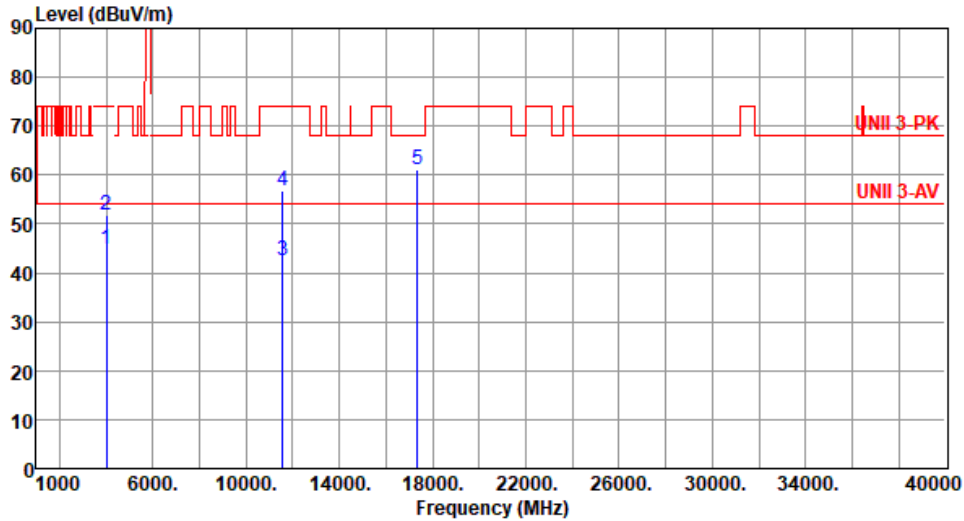
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 44.89 | 54.00 | -9.11 | 47.13 | -2.24 | Average | 302 | 210 |
| 2 | 4000.00 | 51.86 | 74.00 | -22.14 | 54.10 | -2.24 | Peak | 302 | 210 |
| 3 | 11570.00 | 42.66 | 54.00 | -11.34 | 35.71 | 6.95 | Average | 100 | 173 |
| 4 | 11570.00 | 56.68 | 74.00 | -17.32 | 49.73 | 6.95 | Peak | 100 | 173 |
| 5 | 17355.00 | 61.09 | 68.20 | -7.11 | 54.87 | 6.22 | Peak | 100 | 117 |

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

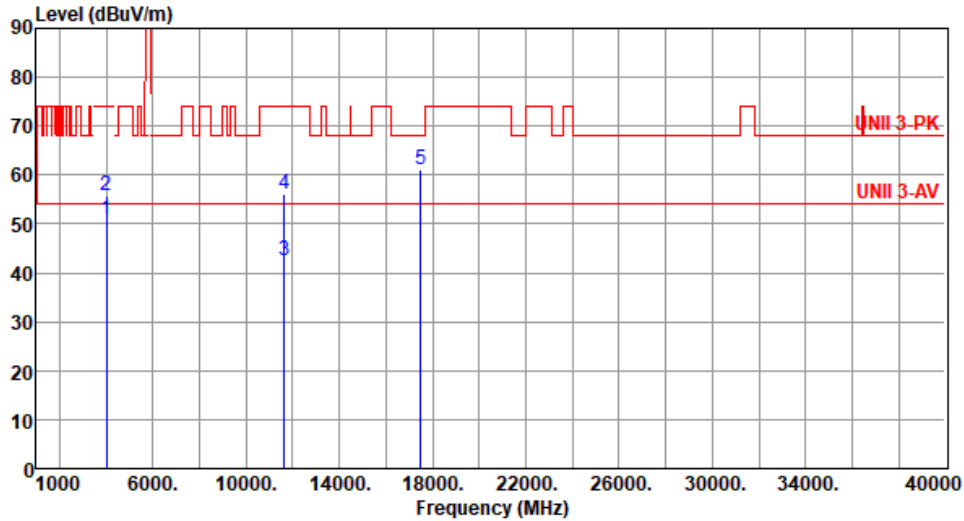
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | 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 | 4000.00 | 50.79 | 54.00 | -3.21 | 53.03 | -2.24 | Average | 285 | 137 |
| 2 | 4000.00 | 55.73 | 74.00 | -18.27 | 57.97 | -2.24 | Peak | 285 | 137 |
| 3 | 11650.00 | 42.58 | 54.00 | -11.42 | 35.91 | 6.67 | Average | 100 | 168 |
| 4 | 11650.00 | 55.99 | 74.00 | -18.01 | 49.32 | 6.67 | Peak | 100 | 168 |
| 5 | 17475.00 | 61.16 | 68.20 | -7.04 | 54.58 | 6.58 | Peak | 100 | 115 |

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

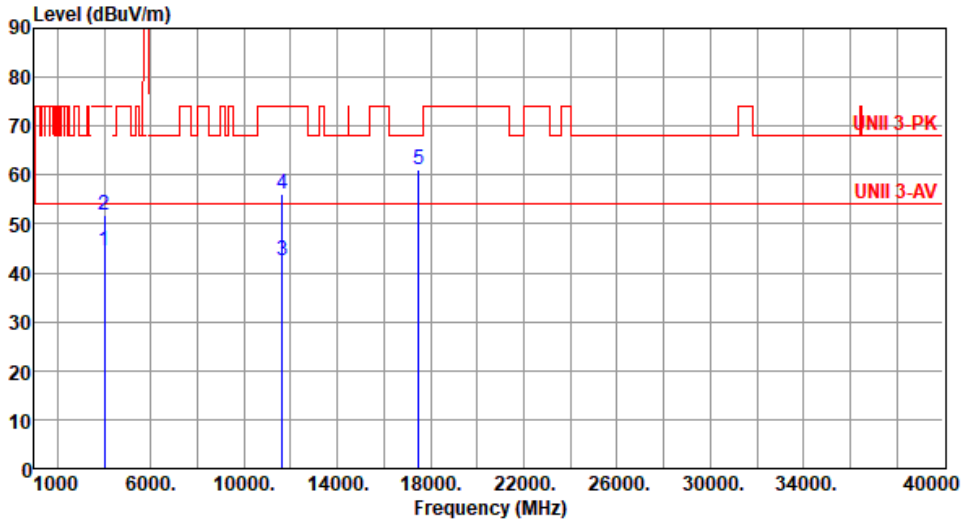
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5825 |
| 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 | 4000.00 | 44.58 | 54.00 | -9.42 | 46.82 | -2.24 | Average | 309 | 205 |
| 2 | 4000.00 | 51.85 | 74.00 | -22.15 | 54.09 | -2.24 | Peak | 309 | 205 |
| 3 | 11650.00 | 42.46 | 54.00 | -11.54 | 35.79 | 6.67 | Average | 100 | 152 |
| 4 | 11650.00 | 56.14 | 74.00 | -17.86 | 49.47 | 6.67 | Peak | 100 | 152 |
| 5 | 17475.00 | 61.19 | 68.20 | -7.01 | 54.61 | 6.58 | 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).



Unwanted Emissions (Above 1GHz) for ax HE40 RU242

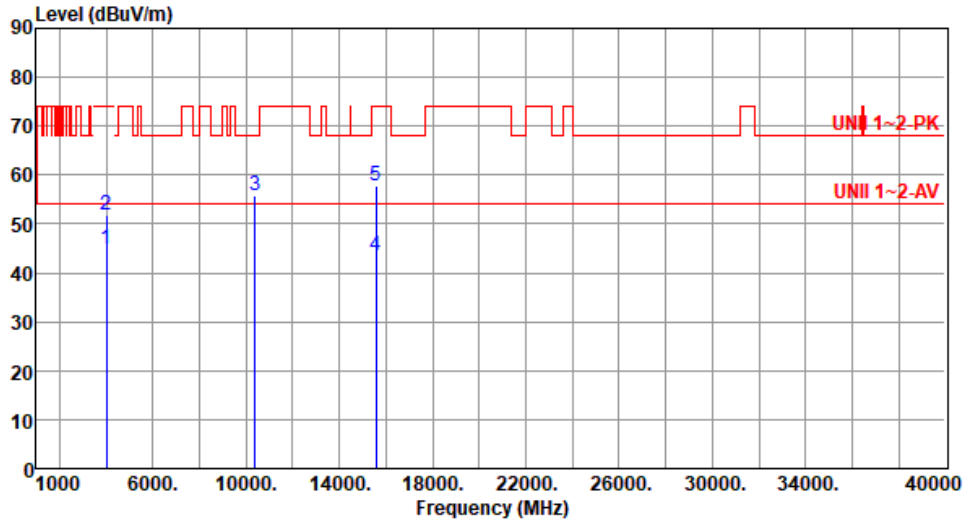
| | | | | | | | | | |
|---|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5190 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin 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 | 4000.00 | 50.86 | 54.00 | -3.14 | 53.10 | -2.24 | Average | 286 | 138 |
| 2 | 4000.00 | 55.85 | 74.00 | -18.15 | 58.09 | -2.24 | Peak | 286 | 138 |
| 3 | 10380.00 | 56.22 | 68.20 | -11.98 | 49.16 | 7.06 | Peak | 100 | 186 |
| 4 | 15570.00 | 43.47 | 54.00 | -10.53 | 39.52 | 3.95 | Average | 100 | 109 |
| 5 | 15570.00 | 57.36 | 74.00 | -16.64 | 53.41 | 3.95 | 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 HE40 RU242 | 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 | 4000.00 | 44.79 | 54.00 | -9.21 | 47.03 | -2.24 | Average | 309 | 204 |
| 2 | 4000.00 | 51.80 | 74.00 | -22.20 | 54.04 | -2.24 | Peak | 309 | 204 |
| 3 | 10380.00 | 55.80 | 68.20 | -12.40 | 48.74 | 7.06 | Peak | 100 | 152 |
| 4 | 15570.00 | 43.41 | 54.00 | -10.59 | 39.46 | 3.95 | Average | 100 | 86 |
| 5 | 15570.00 | 57.68 | 74.00 | -16.32 | 53.73 | 3.95 | Peak | 100 | 86 |

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

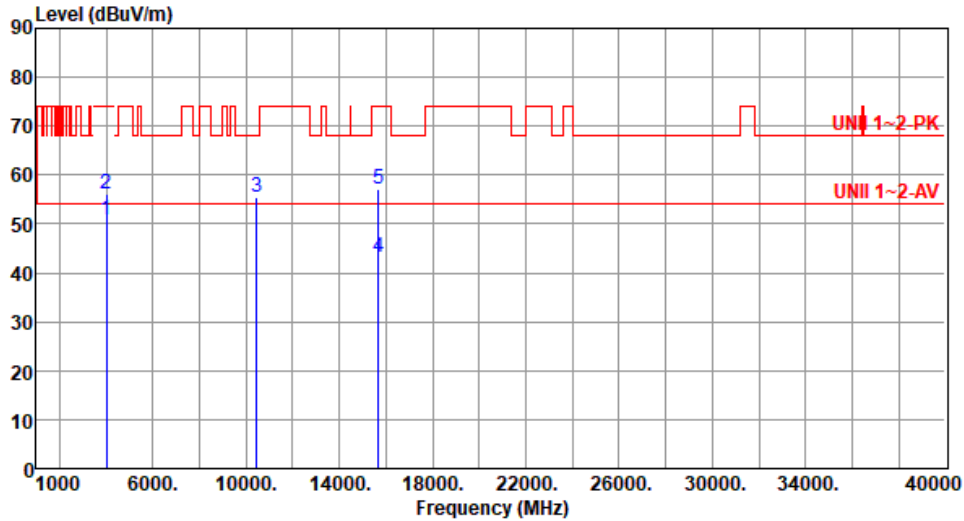
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5230 |
| 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 | 4000.00 | 50.87 | 54.00 | -3.13 | 53.11 | -2.24 | Average | 291 | 135 |
| 2 | 4000.00 | 56.12 | 74.00 | -17.88 | 58.36 | -2.24 | Peak | 291 | 135 |
| 3 | 10460.00 | 55.53 | 68.20 | -12.67 | 48.37 | 7.16 | Peak | 100 | 169 |
| 4 | 15690.00 | 43.16 | 54.00 | -10.84 | 39.34 | 3.82 | Average | 100 | 112 |
| 5 | 15690.00 | 57.26 | 74.00 | -16.74 | 53.44 | 3.82 | Peak | 100 | 112 |

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

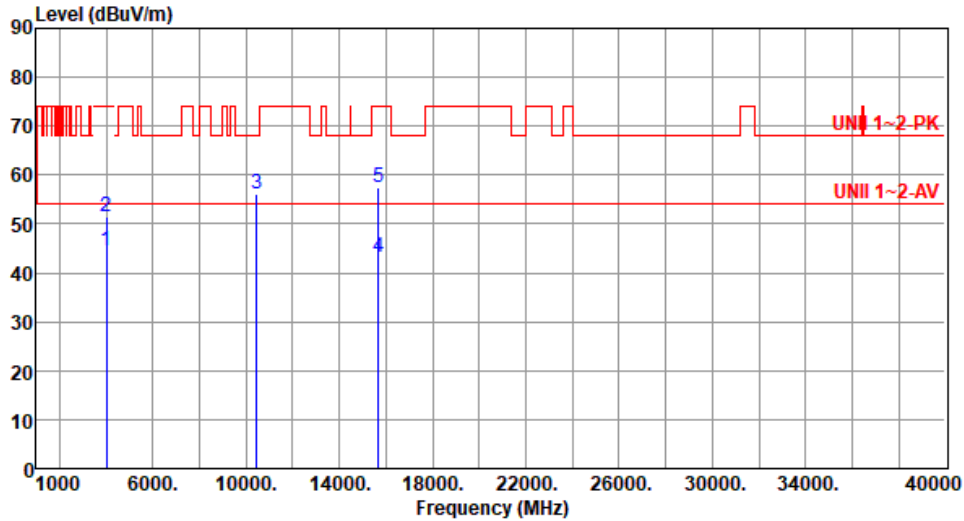
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5230 |
| 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 | 4000.00 | 44.36 | 54.00 | -9.64 | 46.60 | -2.24 | Average | 302 | 201 |
| 2 | 4000.00 | 51.46 | 74.00 | -22.54 | 53.70 | -2.24 | Peak | 302 | 201 |
| 3 | 10460.00 | 56.12 | 68.20 | -12.08 | 48.96 | 7.16 | Peak | 100 | 155 |
| 4 | 15690.00 | 43.08 | 54.00 | -10.92 | 39.26 | 3.82 | Average | 100 | 116 |
| 5 | 15690.00 | 57.50 | 74.00 | -16.50 | 53.68 | 3.82 | Peak | 100 | 116 |

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

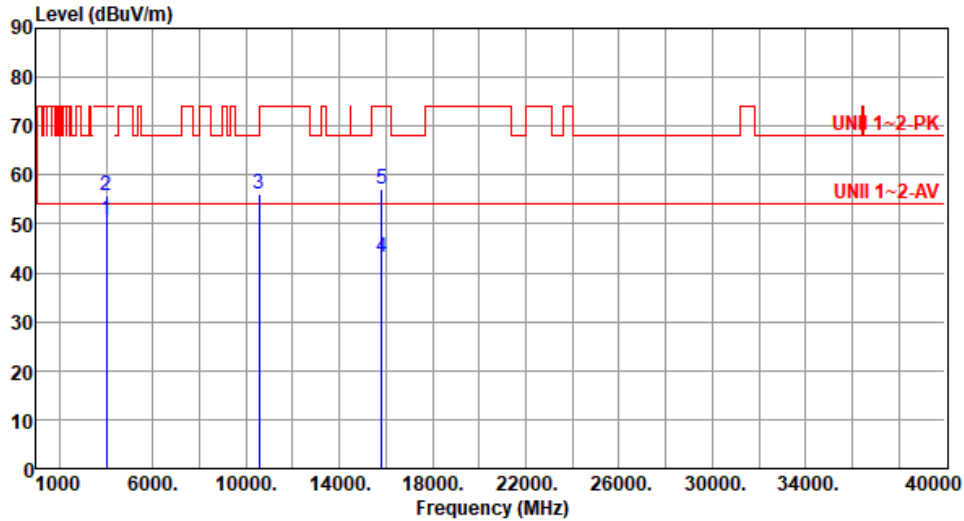
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5270 |
| 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 | 4000.00 | 50.82 | 54.00 | -3.18 | 53.06 | -2.24 | Average | 289 | 133 |
| 2 | 4000.00 | 55.76 | 74.00 | -18.24 | 58.00 | -2.24 | Peak | 289 | 133 |
| 3 | 10540.00 | 56.26 | 68.20 | -11.94 | 49.08 | 7.18 | Peak | 100 | 111 |
| 4 | 15810.00 | 43.02 | 54.00 | -10.98 | 39.12 | 3.90 | Average | 100 | 189 |
| 5 | 15810.00 | 57.05 | 74.00 | -16.95 | 53.15 | 3.90 | Peak | 100 | 189 |

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

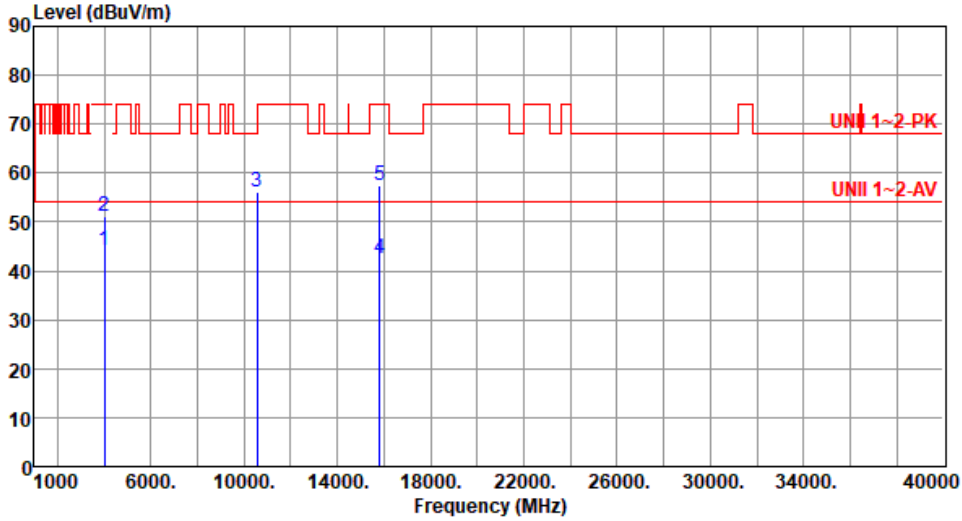
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 44.19 | 54.00 | -9.81 | 46.43 | -2.24 | Average | 302 | 198 |
| 2 | 4000.00 | 51.19 | 74.00 | -22.81 | 53.43 | -2.24 | Peak | 302 | 198 |
| 3 | 10540.00 | 56.23 | 68.20 | -11.97 | 49.05 | 7.18 | Peak | 100 | 186 |
| 4 | 15810.00 | 42.66 | 54.00 | -11.34 | 38.76 | 3.90 | Average | 100 | 92 |
| 5 | 15810.00 | 57.35 | 74.00 | -16.65 | 53.45 | 3.90 | Peak | 100 | 92 |

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

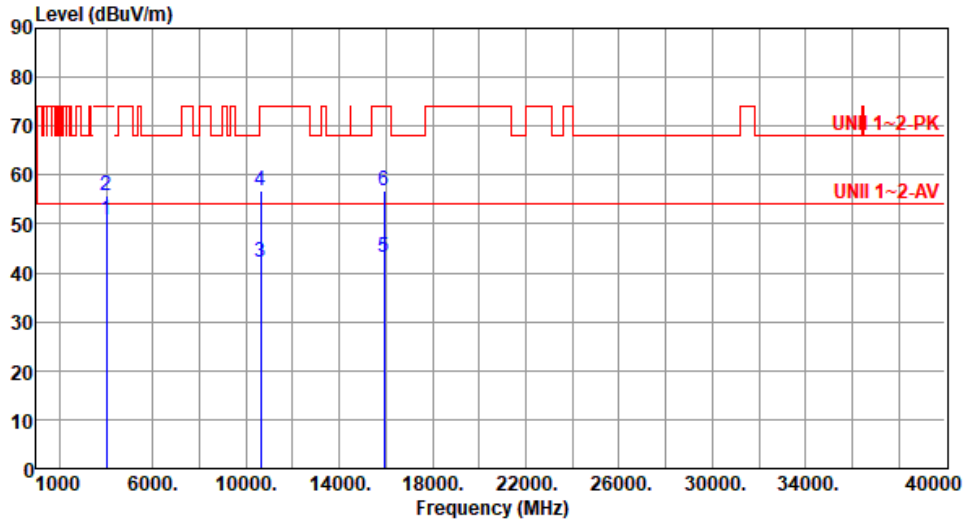
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 50.93 | 54.00 | -3.07 | 53.17 | -2.24 | Average | 286 | 137 |
| 2 | 4000.00 | 55.87 | 74.00 | -18.13 | 58.11 | -2.24 | Peak | 286 | 137 |
| 3 | 10620.00 | 42.33 | 54.00 | -11.67 | 35.18 | 7.15 | Average | 100 | 174 |
| 4 | 10620.00 | 56.71 | 74.00 | -17.29 | 49.56 | 7.15 | Peak | 100 | 174 |
| 5 | 15930.00 | 43.32 | 54.00 | -10.68 | 39.27 | 4.05 | Average | 100 | 127 |
| 6 | 15930.00 | 56.79 | 74.00 | -17.21 | 52.74 | 4.05 | Peak | 100 | 127 |

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

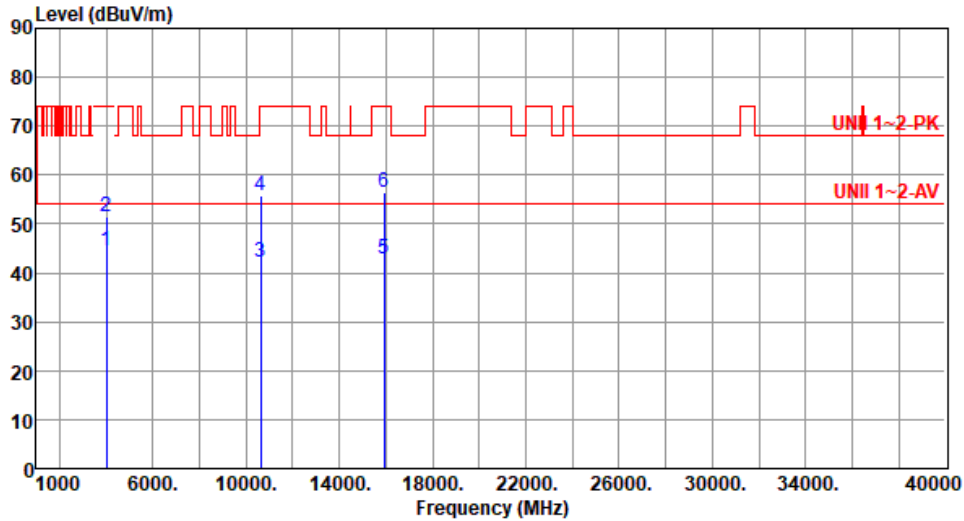
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 44.46 | 54.00 | -9.54 | 46.70 | -2.24 | Average | 308 | 209 |
| 2 | 4000.00 | 51.52 | 74.00 | -22.48 | 53.76 | -2.24 | Peak | 308 | 209 |
| 3 | 10620.00 | 42.11 | 54.00 | -11.89 | 34.96 | 7.15 | Average | 100 | 198 |
| 4 | 10620.00 | 55.88 | 74.00 | -18.12 | 48.73 | 7.15 | Peak | 100 | 198 |
| 5 | 15930.00 | 42.90 | 54.00 | -11.10 | 38.85 | 4.05 | Average | 100 | 114 |
| 6 | 15930.00 | 56.59 | 74.00 | -17.41 | 52.54 | 4.05 | Peak | 100 | 114 |

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

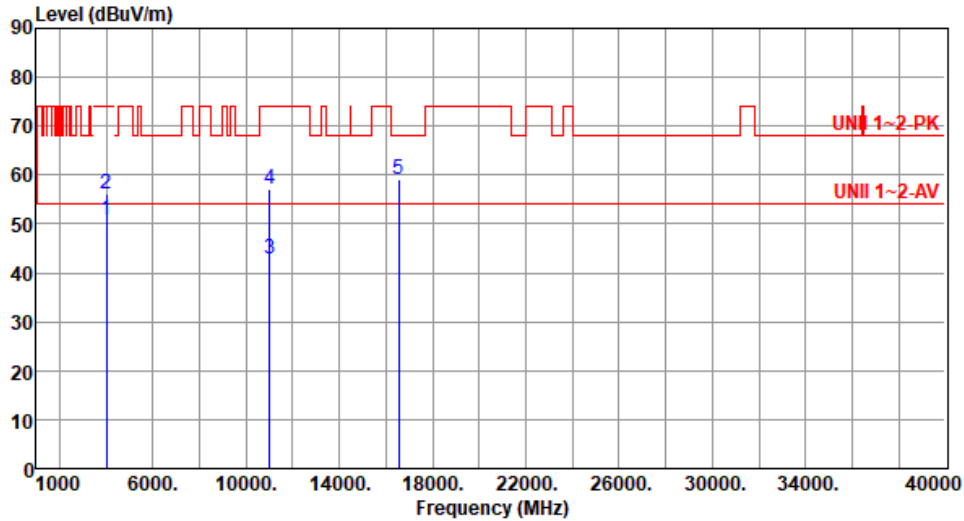
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 50.94 | 54.00 | -3.06 | 53.18 | -2.24 | Average | 286 | 128 |
| 2 | 4000.00 | 56.29 | 74.00 | -17.71 | 58.53 | -2.24 | Peak | 286 | 128 |
| 3 | 11020.00 | 42.96 | 54.00 | -11.04 | 35.52 | 7.44 | Average | 100 | 183 |
| 4 | 11020.00 | 57.15 | 74.00 | -16.85 | 49.71 | 7.44 | Peak | 100 | 183 |
| 5 | 16530.00 | 59.16 | 68.20 | -9.04 | 53.18 | 5.98 | Peak | 100 | 119 |

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

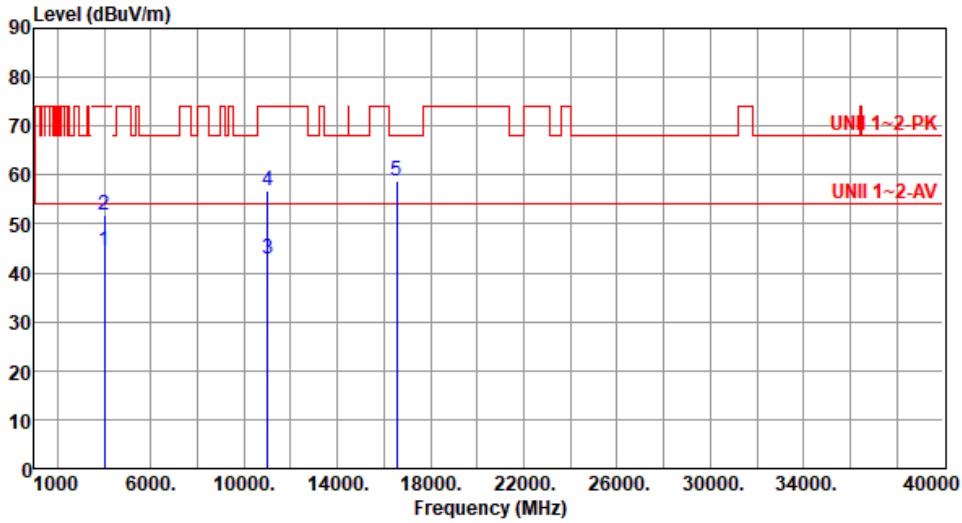
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 44.57 | 54.00 | -9.43 | 46.81 | -2.24 | Average | 302 | 208 |
| 2 | 4000.00 | 51.68 | 74.00 | -22.32 | 53.92 | -2.24 | Peak | 302 | 208 |
| 3 | 11020.00 | 42.78 | 54.00 | -11.22 | 35.34 | 7.44 | Average | 100 | 139 |
| 4 | 11020.00 | 56.63 | 74.00 | -17.37 | 49.19 | 7.44 | Peak | 100 | 139 |
| 5 | 16530.00 | 58.92 | 68.20 | -9.28 | 52.94 | 5.98 | Peak | 100 | 168 |

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

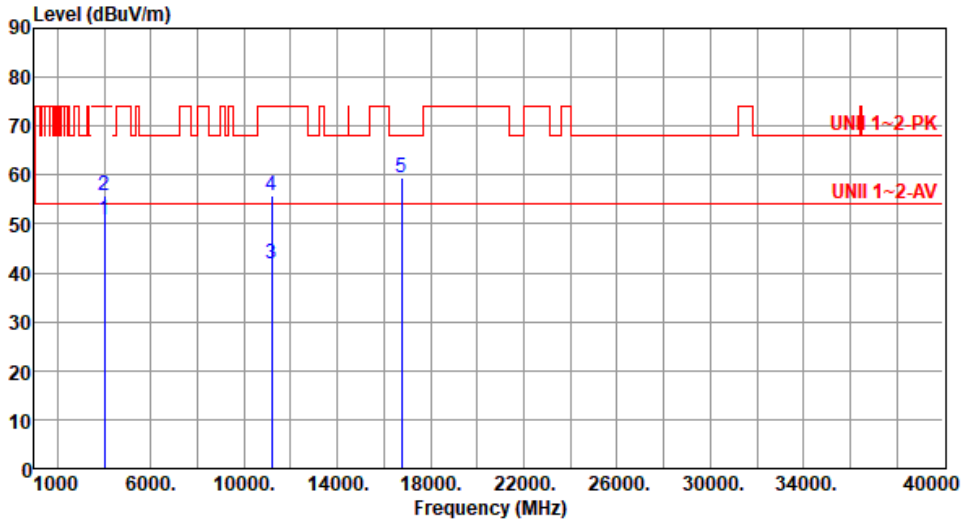
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 50.83 | 54.00 | -3.17 | 53.07 | -2.24 | Average | 281 | 133 |
| 2 | 4000.00 | 55.84 | 74.00 | -18.16 | 58.08 | -2.24 | Peak | 281 | 133 |
| 3 | 11180.00 | 42.00 | 54.00 | -12.00 | 35.18 | 6.82 | Average | 100 | 179 |
| 4 | 11180.00 | 55.67 | 74.00 | -18.33 | 48.85 | 6.82 | Peak | 100 | 179 |
| 5 | 16770.00 | 59.60 | 68.20 | -8.60 | 53.14 | 6.46 | Peak | 100 | 125 |

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

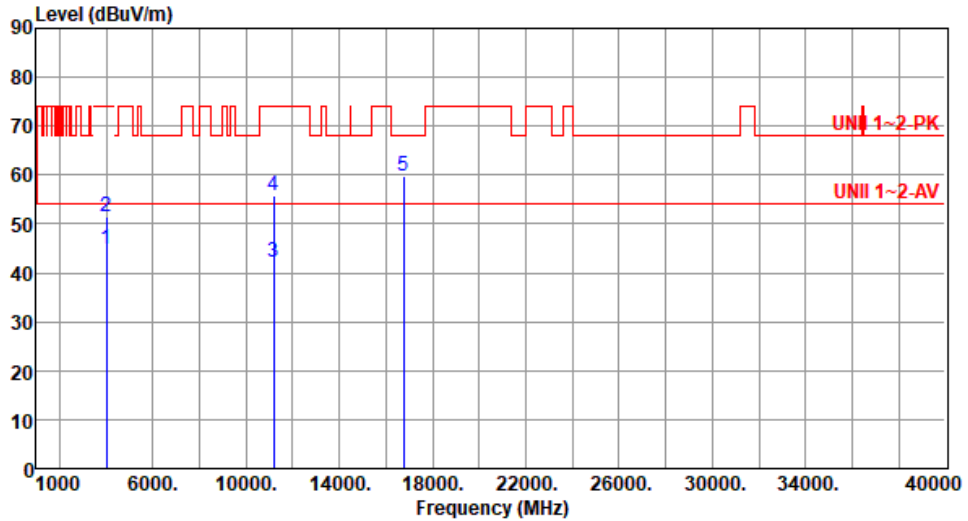
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| 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 | 4000.00 | 44.76 | 54.00 | -9.24 | 47.00 | -2.24 | Average | 305 | 207 |
| 2 | 4000.00 | 51.61 | 74.00 | -22.39 | 53.85 | -2.24 | Peak | 305 | 207 |
| 3 | 11180.00 | 42.08 | 54.00 | -11.92 | 35.26 | 6.82 | Average | 100 | 225 |
| 4 | 11180.00 | 55.86 | 74.00 | -18.14 | 49.04 | 6.82 | Peak | 100 | 225 |
| 5 | 16770.00 | 59.83 | 68.20 | -8.37 | 53.37 | 6.46 | Peak | 100 | 102 |

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

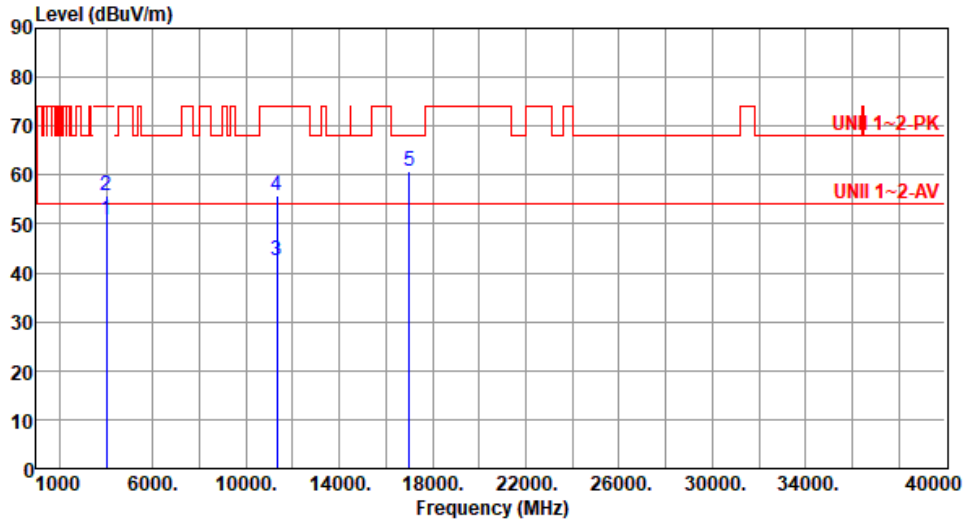
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 50.87 | 54.00 | -3.13 | 53.11 | -2.24 | Average | 285 | 129 |
| 2 | 4000.00 | 55.77 | 74.00 | -18.23 | 58.01 | -2.24 | Peak | 285 | 129 |
| 3 | 11340.00 | 42.56 | 54.00 | -11.44 | 35.70 | 6.86 | Average | 100 | 192 |
| 4 | 11340.00 | 55.83 | 74.00 | -18.17 | 48.97 | 6.86 | Peak | 100 | 192 |
| 5 | 17010.00 | 60.70 | 68.20 | -7.50 | 54.45 | 6.25 | Peak | 100 | 137 |

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

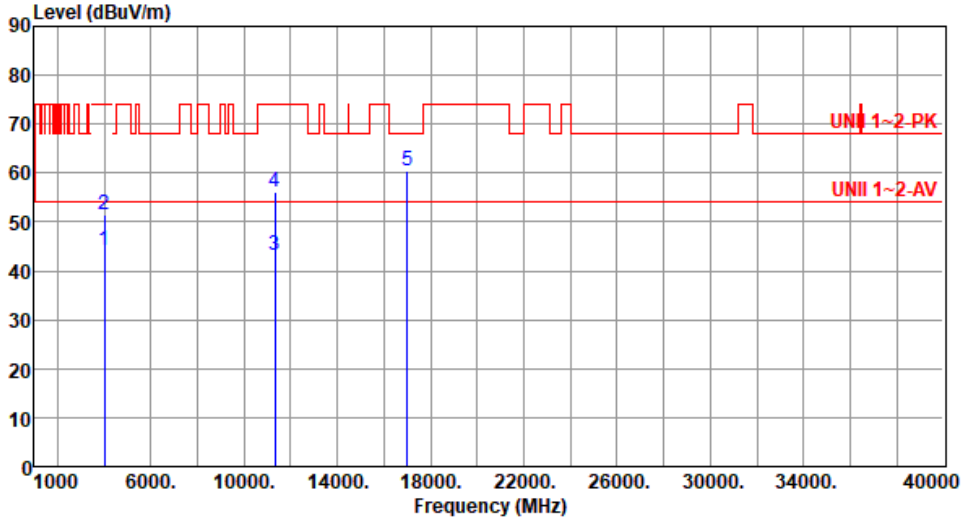
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 44.28 | 54.00 | -9.72 | 46.52 | -2.24 | Average | 308 | 201 |
| 2 | 4000.00 | 51.51 | 74.00 | -22.49 | 53.75 | -2.24 | Peak | 308 | 201 |
| 3 | 11340.00 | 43.05 | 54.00 | -10.95 | 36.19 | 6.86 | Average | 100 | 156 |
| 4 | 11340.00 | 56.10 | 74.00 | -17.90 | 49.24 | 6.86 | Peak | 100 | 156 |
| 5 | 17010.00 | 60.39 | 68.20 | -7.81 | 54.14 | 6.25 | Peak | 100 | 178 |

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

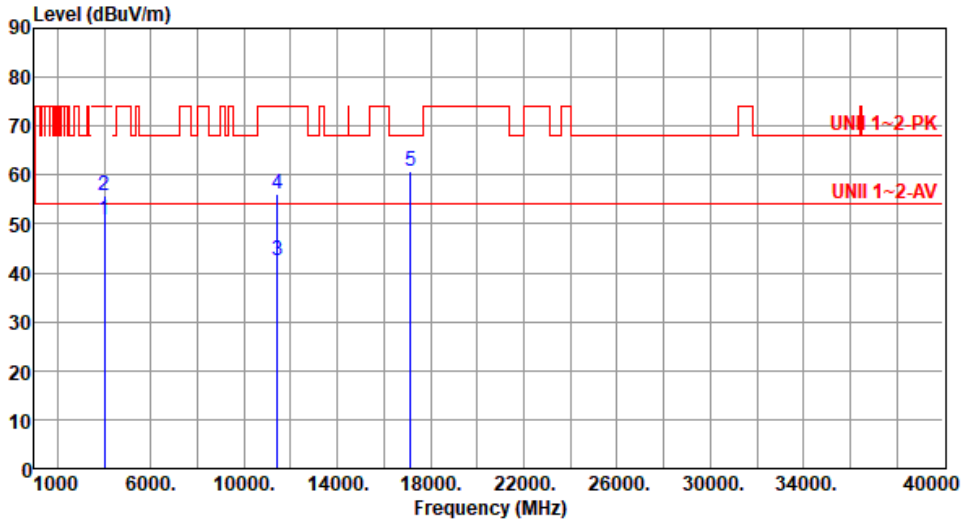
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5710 |
| 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 | 4000.00 | 50.77 | 54.00 | -3.23 | 53.01 | -2.24 | Average | 287 | 136 |
| 2 | 4000.00 | 55.73 | 74.00 | -18.27 | 57.97 | -2.24 | Peak | 287 | 136 |
| 3 | 11420.00 | 42.58 | 54.00 | -11.42 | 35.52 | 7.06 | Average | 100 | 211 |
| 4 | 11420.00 | 56.22 | 74.00 | -17.78 | 49.16 | 7.06 | Peak | 100 | 211 |
| 5 | 17130.00 | 60.68 | 68.20 | -7.52 | 54.68 | 6.00 | Peak | 100 | 143 |

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

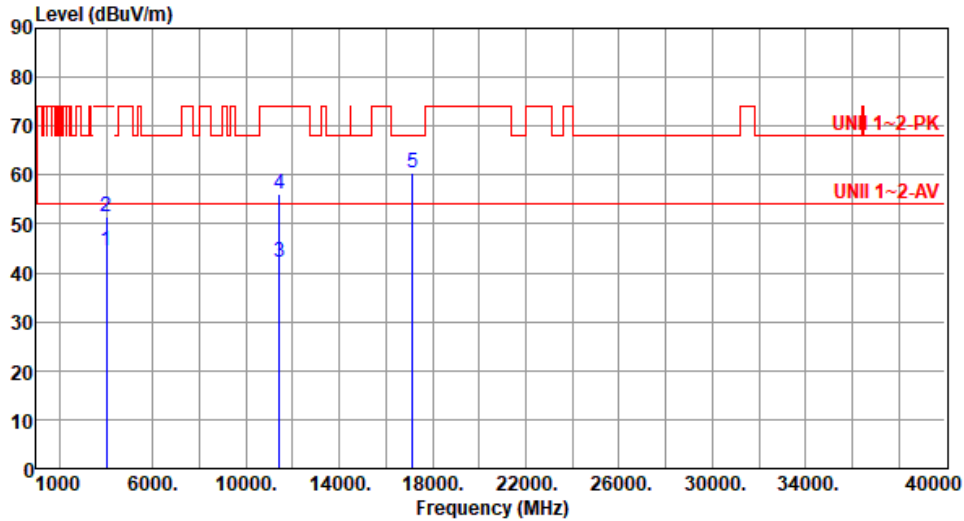
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 44.63 | 54.00 | -9.37 | 46.87 | -2.24 | Average | 305 | 209 |
| 2 | 4000.00 | 51.47 | 74.00 | -22.53 | 53.71 | -2.24 | Peak | 305 | 209 |
| 3 | 11420.00 | 42.33 | 54.00 | -11.67 | 35.27 | 7.06 | Average | 100 | 175 |
| 4 | 11420.00 | 55.97 | 74.00 | -18.03 | 48.91 | 7.06 | Peak | 100 | 175 |
| 5 | 17130.00 | 60.39 | 68.20 | -7.81 | 54.39 | 6.00 | Peak | 100 | 105 |

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

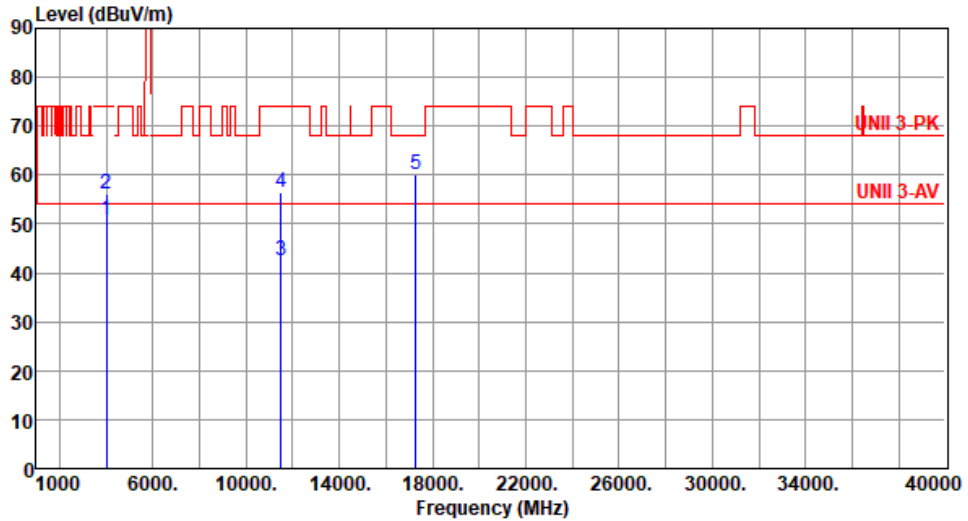
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 50.84 | 54.00 | -3.16 | 53.08 | -2.24 | Average | 289 | 130 |
| 2 | 4000.00 | 56.13 | 74.00 | -17.87 | 58.37 | -2.24 | Peak | 289 | 130 |
| 3 | 11510.00 | 42.66 | 54.00 | -11.34 | 35.51 | 7.15 | Average | 100 | 195 |
| 4 | 11510.00 | 56.34 | 74.00 | -17.66 | 49.19 | 7.15 | Peak | 100 | 195 |
| 5 | 17265.00 | 60.18 | 68.20 | -8.02 | 54.13 | 6.05 | Peak | 100 | 134 |

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

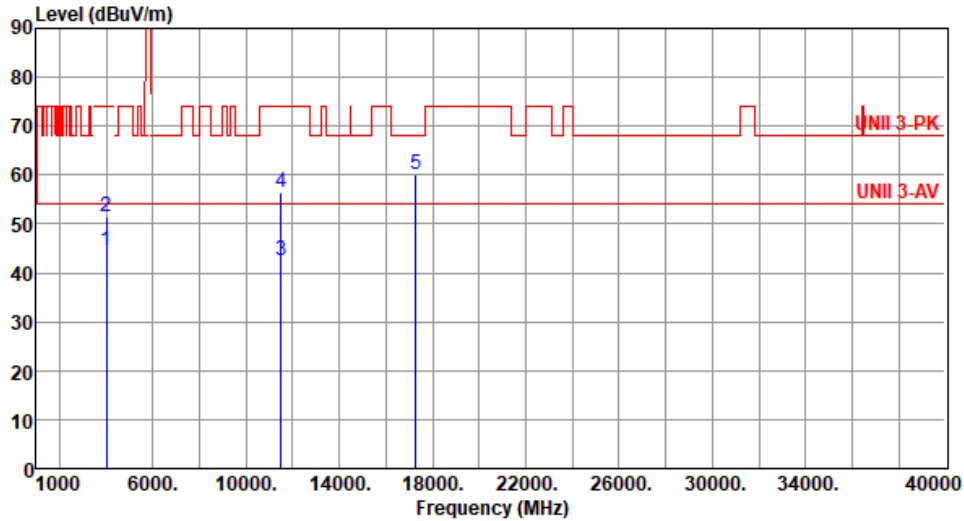
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5755 |
| 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 | 4000.00 | 44.59 | 54.00 | -9.41 | 46.83 | -2.24 | Average | 302 | 207 |
| 2 | 4000.00 | 51.47 | 74.00 | -22.53 | 53.71 | -2.24 | Peak | 302 | 207 |
| 3 | 11510.00 | 42.64 | 54.00 | -11.36 | 35.49 | 7.15 | Average | 100 | 153 |
| 4 | 11510.00 | 56.40 | 74.00 | -17.60 | 49.25 | 7.15 | Peak | 100 | 153 |
| 5 | 17265.00 | 60.24 | 68.20 | -7.96 | 54.19 | 6.05 | Peak | 100 | 84 |

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

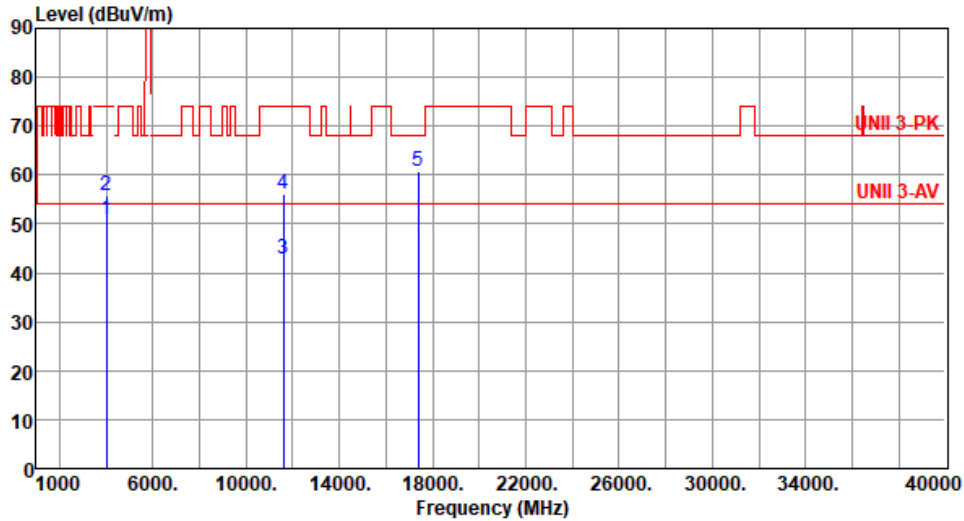
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 50.88 | 54.00 | -3.12 | 53.12 | -2.24 | Average | 286 | 135 |
| 2 | 4000.00 | 55.76 | 74.00 | -18.24 | 58.00 | -2.24 | Peak | 286 | 135 |
| 3 | 11590.00 | 42.71 | 54.00 | -11.29 | 35.84 | 6.87 | Average | 100 | 218 |
| 4 | 11590.00 | 56.08 | 74.00 | -17.92 | 49.21 | 6.87 | Peak | 100 | 218 |
| 5 | 17385.00 | 60.61 | 68.20 | -7.59 | 54.28 | 6.33 | Peak | 100 | 164 |

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

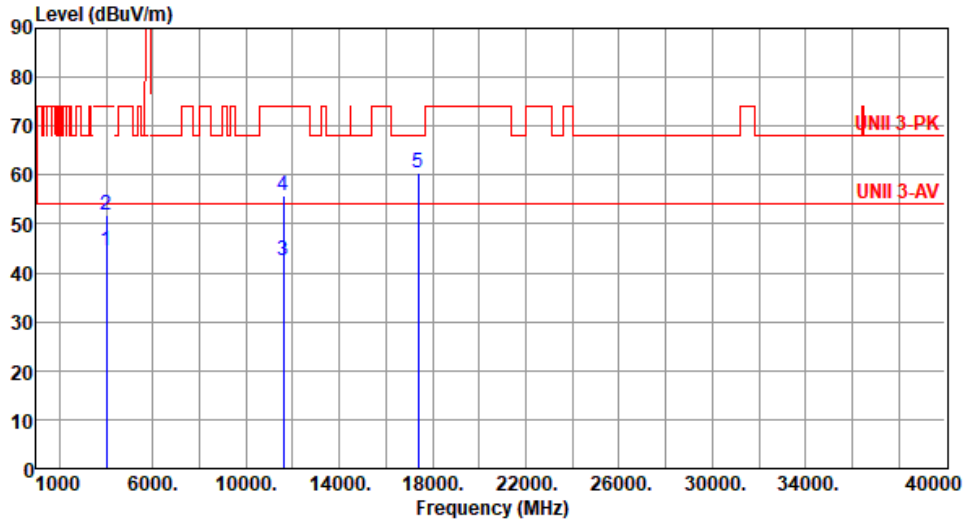
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | 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 | 4000.00 | 44.63 | 54.00 | -9.37 | 46.87 | -2.24 | Average | 309 | 207 |
| 2 | 4000.00 | 51.72 | 74.00 | -22.28 | 53.96 | -2.24 | Peak | 309 | 207 |
| 3 | 11590.00 | 42.59 | 54.00 | -11.41 | 35.72 | 6.87 | Average | 100 | 188 |
| 4 | 11590.00 | 55.89 | 74.00 | -18.11 | 49.02 | 6.87 | Peak | 100 | 188 |
| 5 | 17385.00 | 60.54 | 68.20 | -7.66 | 54.21 | 6.33 | 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).



Unwanted Emissions (Above 1GHz) for ax HE80 RU484

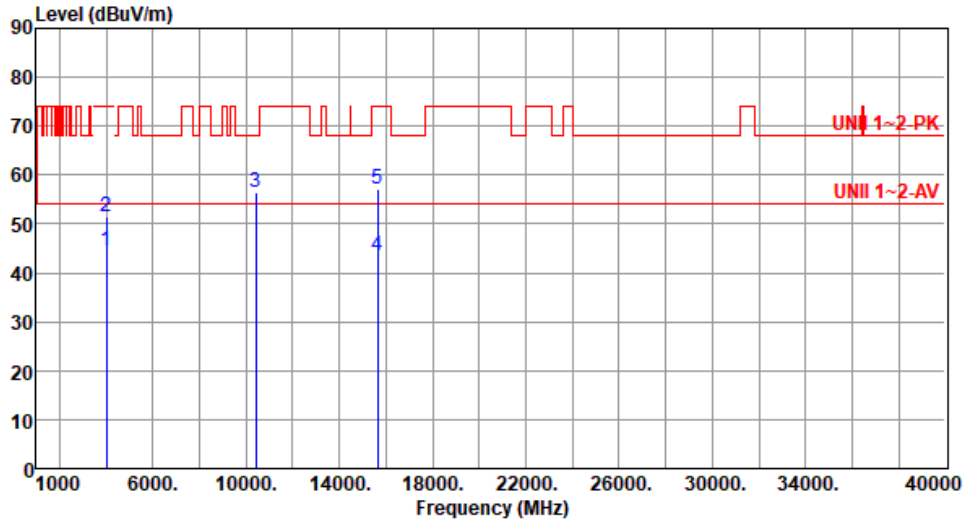
| | | | | | | | | | |
|---|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE80 RU484 | Test Freq. (MHz) | 5210 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin 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 | 4000.00 | 50.85 | 54.00 | -3.15 | 53.09 | -2.24 | Average | 288 | 132 |
| 2 | 4000.00 | 55.95 | 74.00 | -18.05 | 58.19 | -2.24 | Peak | 288 | 132 |
| 3 | 10420.00 | 56.08 | 68.20 | -12.12 | 48.95 | 7.13 | Peak | 100 | 195 |
| 4 | 15630.00 | 43.31 | 54.00 | -10.69 | 39.48 | 3.83 | Average | 100 | 154 |
| 5 | 15630.00 | 56.92 | 74.00 | -17.08 | 53.09 | 3.83 | Peak | 100 | 154 |

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 RU484 | 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 | 4000.00 | 44.38 | 54.00 | -9.62 | 46.62 | -2.24 | Average | 307 | 202 |
| 2 | 4000.00 | 51.56 | 74.00 | -22.44 | 53.80 | -2.24 | Peak | 307 | 202 |
| 3 | 10420.00 | 56.48 | 68.20 | -11.72 | 49.35 | 7.13 | Peak | 100 | 129 |
| 4 | 15630.00 | 43.41 | 54.00 | -10.59 | 39.58 | 3.83 | Average | 100 | 92 |
| 5 | 15630.00 | 57.00 | 74.00 | -17.00 | 53.17 | 3.83 | Peak | 100 | 92 |

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

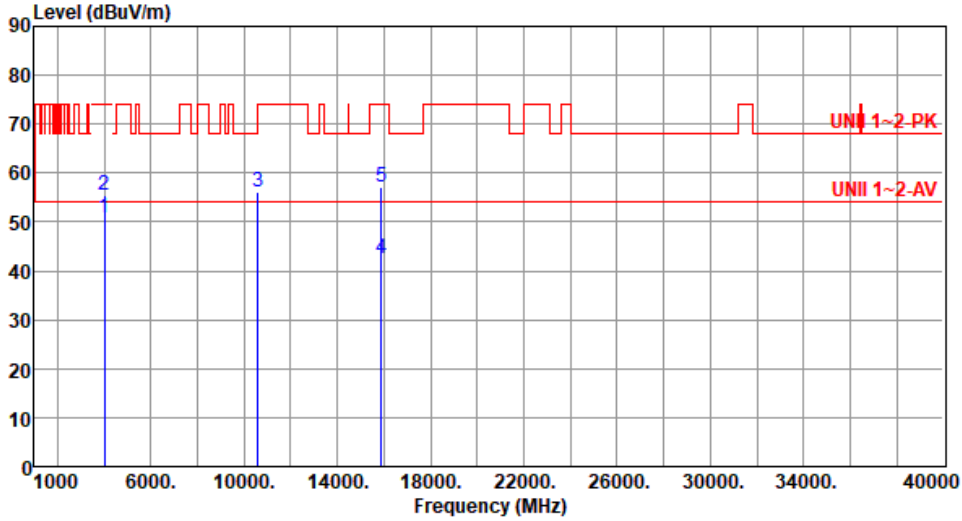
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80 RU484 | 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 | 4000.00 | 50.82 | 54.00 | -3.18 | 53.06 | -2.24 | Average | 286 | 137 |
| 2 | 4000.00 | 55.41 | 74.00 | -18.59 | 57.65 | -2.24 | Peak | 286 | 137 |
| 3 | 10580.00 | 56.06 | 68.20 | -12.14 | 48.88 | 7.18 | Peak | 100 | 231 |
| 4 | 15870.00 | 42.52 | 54.00 | -11.48 | 38.51 | 4.01 | Average | 100 | 176 |
| 5 | 15870.00 | 57.18 | 74.00 | -16.82 | 53.17 | 4.01 | Peak | 100 | 176 |

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).

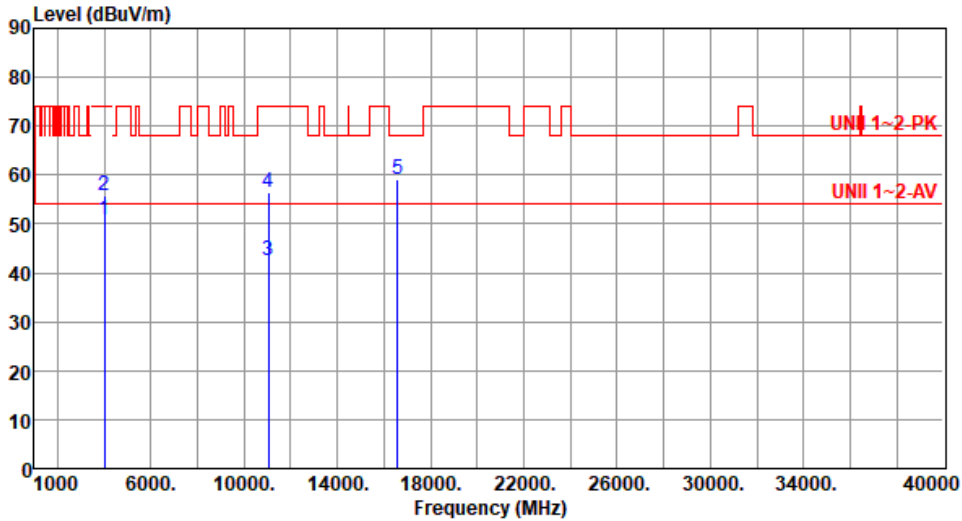


| | | | | | | | | | |
|---|---------------|-------------------------|--------|-----------------|------------|--------|---------|-------------|----------------|
| Modulation | ax HE80 RU484 | Test Freq. (MHz) | 5290 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 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. Two horizontal red lines indicate limits: UNII 1~2-PK at approximately 68 dBuV/m and UNII 1~2-AV at approximately 55 dBuV/m. Five vertical blue lines mark specific frequencies: 1 at 4000 MHz, 2 at 4000 MHz, 3 at 10580 MHz, 4 at 15870 MHz, and 5 at 15870 MHz.</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 | 4000.00 | 44.63 | 54.00 | -9.37 | 46.87 | -2.24 | Average | 306 | 207 |
| 2 | 4000.00 | 51.43 | 74.00 | -22.57 | 53.67 | -2.24 | Peak | 306 | 207 |
| 3 | 10580.00 | 55.95 | 68.20 | -12.25 | 48.77 | 7.18 | Peak | 100 | 195 |
| 4 | 15870.00 | 42.65 | 54.00 | -11.35 | 38.64 | 4.01 | Average | 100 | 144 |
| 5 | 15870.00 | 57.09 | 74.00 | -16.91 | 53.08 | 4.01 | Peak | 100 | 144 |
| <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 RU484 | 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 | 4000.00 | 50.84 | 54.00 | -3.16 | 53.08 | -2.24 | Average | 286 | 131 |
| 2 | 4000.00 | 55.63 | 74.00 | -18.37 | 57.87 | -2.24 | Peak | 286 | 131 |
| 3 | 11060.00 | 42.59 | 54.00 | -11.41 | 35.24 | 7.35 | Average | 100 | 209 |
| 4 | 11060.00 | 56.50 | 74.00 | -17.50 | 49.15 | 7.35 | Peak | 100 | 209 |
| 5 | 16590.00 | 59.12 | 68.20 | -9.08 | 53.17 | 5.95 | Peak | 100 | 165 |

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

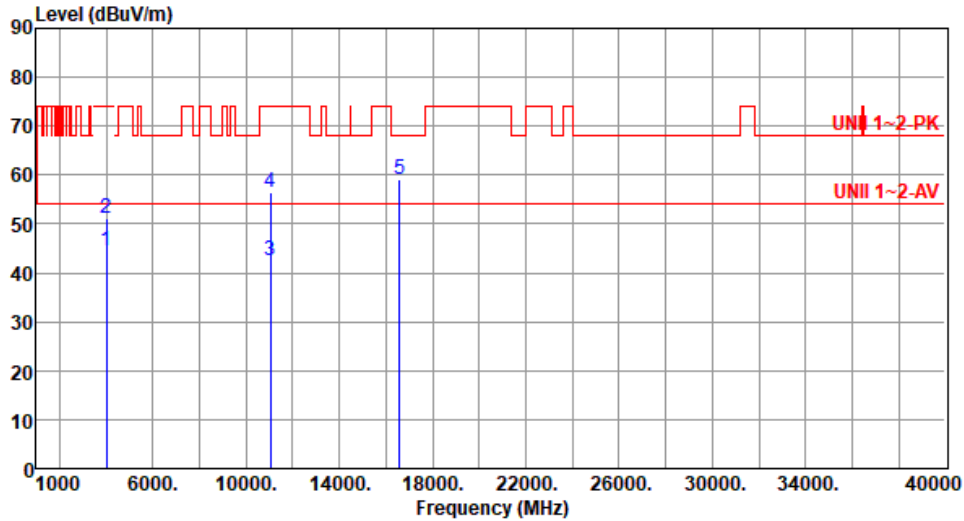
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80 RU484 | 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 | 4000.00 | 44.53 | 54.00 | -9.47 | 46.77 | -2.24 | Average | 306 | 201 |
| 2 | 4000.00 | 51.28 | 74.00 | -22.72 | 53.52 | -2.24 | Peak | 306 | 201 |
| 3 | 11060.00 | 42.51 | 54.00 | -11.49 | 35.16 | 7.35 | Average | 100 | 156 |
| 4 | 11060.00 | 56.37 | 74.00 | -17.63 | 49.02 | 7.35 | Peak | 100 | 156 |
| 5 | 16590.00 | 59.09 | 68.20 | -9.11 | 53.14 | 5.95 | Peak | 100 | 101 |

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

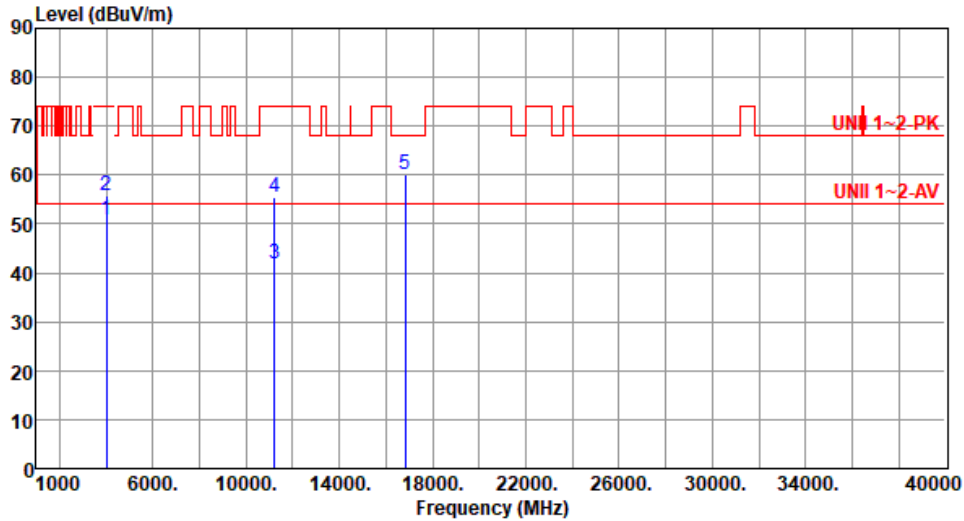
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80 RU484 | 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 | 4000.00 | 50.76 | 54.00 | -3.24 | 53.00 | -2.24 | Average | 284 | 137 |
| 2 | 4000.00 | 55.81 | 74.00 | -18.19 | 58.05 | -2.24 | Peak | 284 | 137 |
| 3 | 11220.00 | 41.99 | 54.00 | -12.01 | 35.27 | 6.72 | Average | 100 | 236 |
| 4 | 11220.00 | 55.30 | 74.00 | -18.70 | 48.58 | 6.72 | Peak | 100 | 236 |
| 5 | 16830.00 | 60.02 | 68.20 | -8.18 | 53.37 | 6.65 | Peak | 100 | 189 |

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

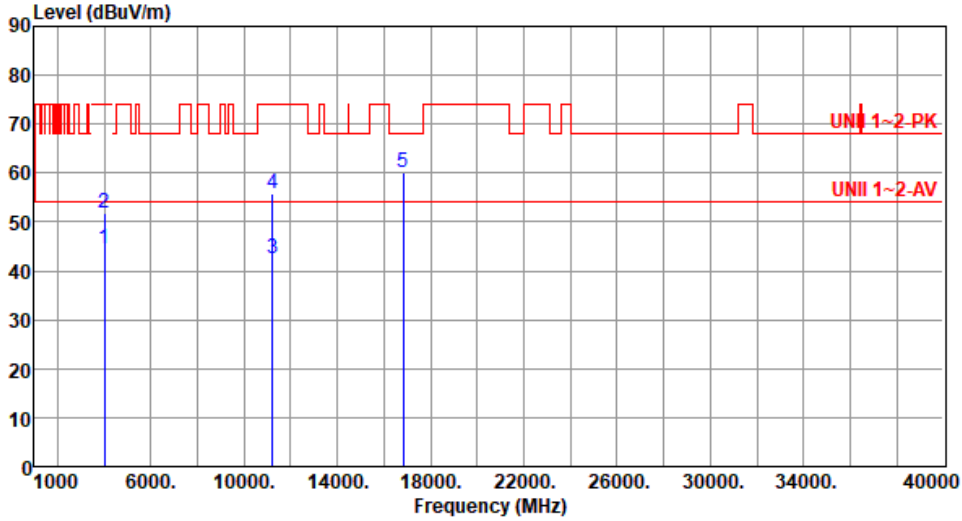
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80 RU484 | 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 | 4000.00 | 44.65 | 54.00 | -9.35 | 46.89 | -2.24 | Average | 307 | 202 |
| 2 | 4000.00 | 51.73 | 74.00 | -22.27 | 53.97 | -2.24 | Peak | 307 | 202 |
| 3 | 11220.00 | 42.35 | 54.00 | -11.65 | 35.63 | 6.72 | Average | 100 | 196 |
| 4 | 11220.00 | 55.76 | 74.00 | -18.24 | 49.04 | 6.72 | Peak | 100 | 196 |
| 5 | 16830.00 | 60.10 | 68.20 | -8.10 | 53.45 | 6.65 | Peak | 100 | 112 |

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

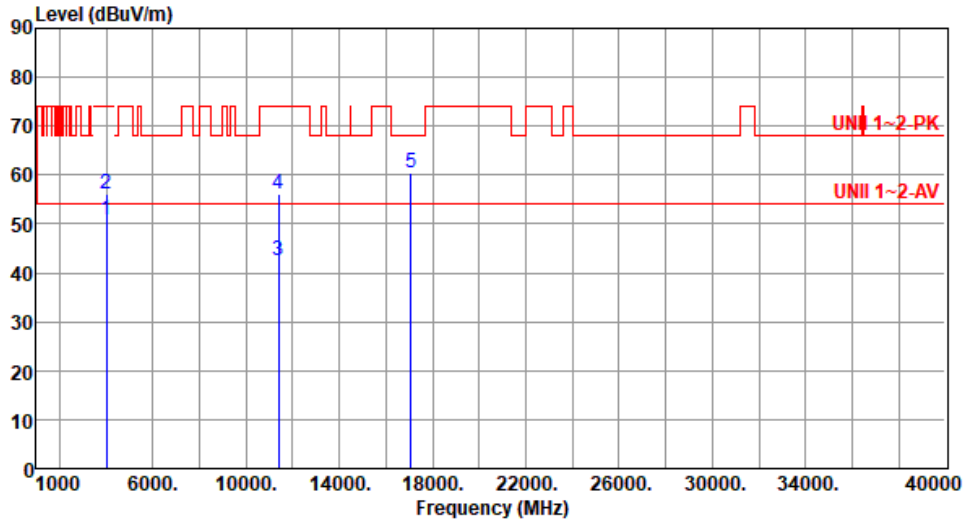
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80 RU484 | 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 | 4000.00 | 50.84 | 54.00 | -3.16 | 53.08 | -2.24 | Average | 291 | 138 |
| 2 | 4000.00 | 55.97 | 74.00 | -18.03 | 58.21 | -2.24 | Peak | 291 | 138 |
| 3 | 11380.00 | 42.36 | 54.00 | -11.64 | 35.39 | 6.97 | Average | 100 | 254 |
| 4 | 11380.00 | 56.29 | 74.00 | -17.71 | 49.32 | 6.97 | Peak | 100 | 254 |
| 5 | 17070.00 | 60.31 | 68.20 | -7.89 | 54.26 | 6.05 | Peak | 100 | 188 |

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

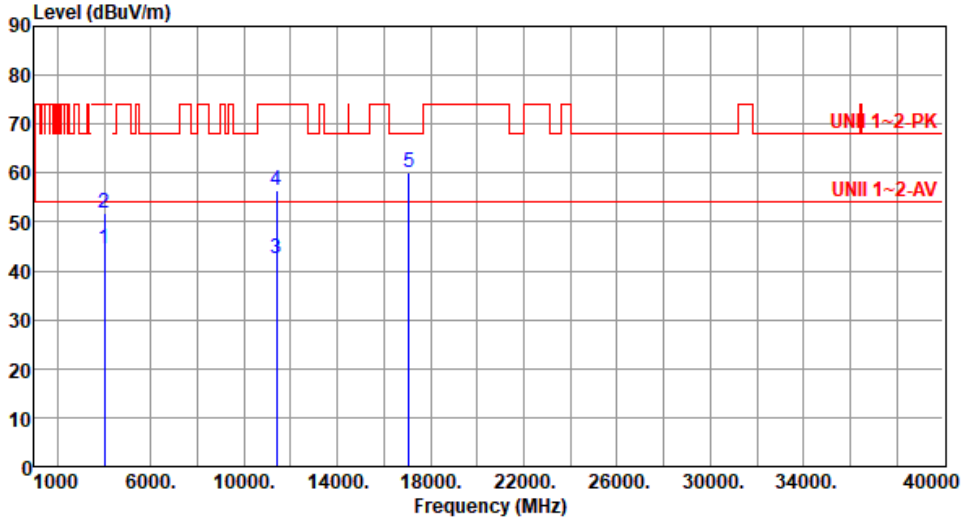
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80 RU484 | Test Freq. (MHz) | 5690 |
| 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 | 4000.00 | 44.66 | 54.00 | -9.34 | 46.90 | -2.24 | Average | 303 | 212 |
| 2 | 4000.00 | 51.83 | 74.00 | -22.17 | 54.07 | -2.24 | Peak | 303 | 212 |
| 3 | 11380.00 | 42.54 | 54.00 | -11.46 | 35.57 | 6.97 | Average | 100 | 172 |
| 4 | 11380.00 | 56.59 | 74.00 | -17.41 | 49.62 | 6.97 | Peak | 100 | 172 |
| 5 | 17070.00 | 60.21 | 68.20 | -7.99 | 54.16 | 6.05 | Peak | 100 | 103 |

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

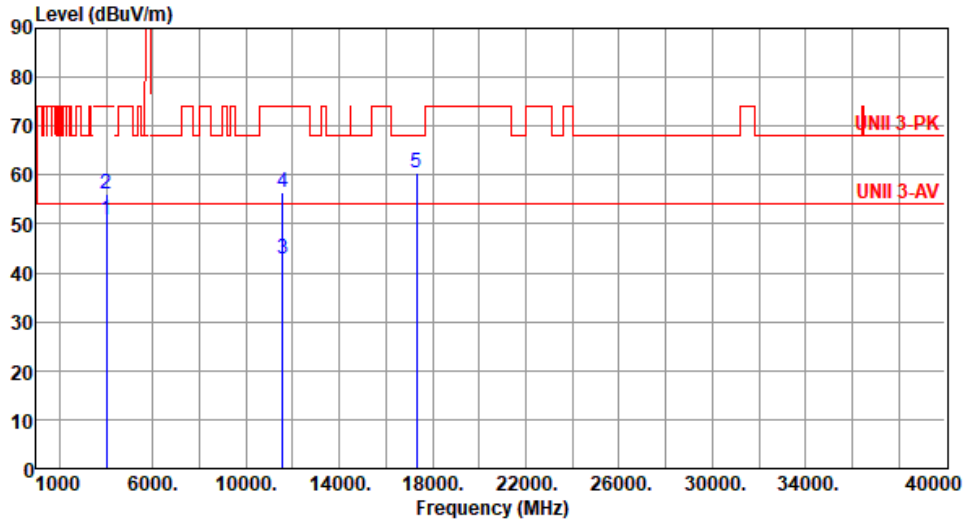
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE80 RU484 | Test Freq. (MHz) | 5775 |
| 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 | 4000.00 | 50.97 | 54.00 | -3.03 | 53.21 | -2.24 | Average | 288 | 135 |
| 2 | 4000.00 | 56.27 | 74.00 | -17.73 | 58.51 | -2.24 | Peak | 288 | 135 |
| 3 | 11550.00 | 42.69 | 54.00 | -11.31 | 35.68 | 7.01 | Average | 100 | 226 |
| 4 | 11550.00 | 56.39 | 74.00 | -17.61 | 49.38 | 7.01 | Peak | 100 | 226 |
| 5 | 17325.00 | 60.44 | 68.20 | -7.76 | 54.34 | 6.10 | Peak | 100 | 185 |

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

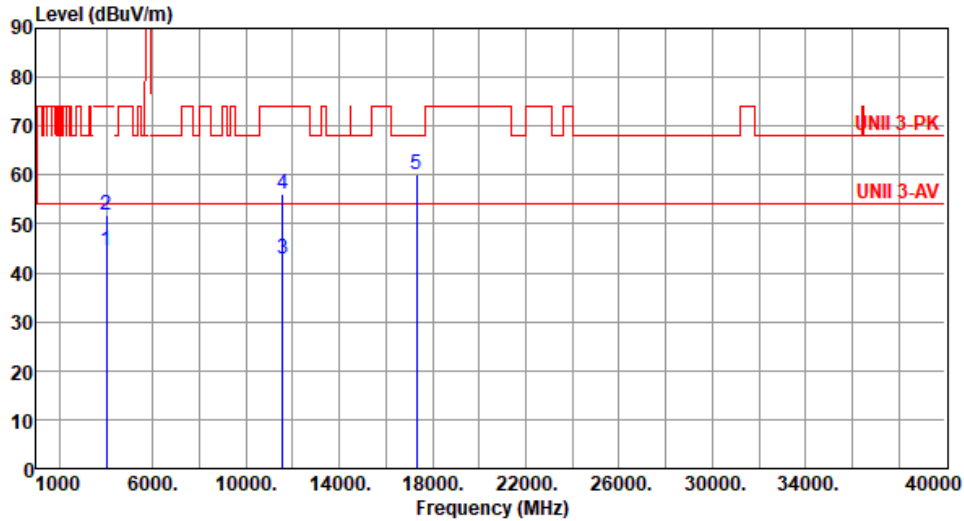
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE80 RU484 | 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 | 4000.00 | 44.66 | 54.00 | -9.34 | 46.90 | -2.24 | Average | 308 | 205 |
| 2 | 4000.00 | 51.82 | 74.00 | -22.18 | 54.06 | -2.24 | Peak | 308 | 205 |
| 3 | 11550.00 | 42.74 | 54.00 | -11.26 | 35.73 | 7.01 | Average | 100 | 179 |
| 4 | 11550.00 | 56.29 | 74.00 | -17.71 | 49.28 | 7.01 | Peak | 100 | 179 |
| 5 | 17325.00 | 60.28 | 68.20 | -7.92 | 54.18 | 6.10 | 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).



ST M.2, PCIe Module

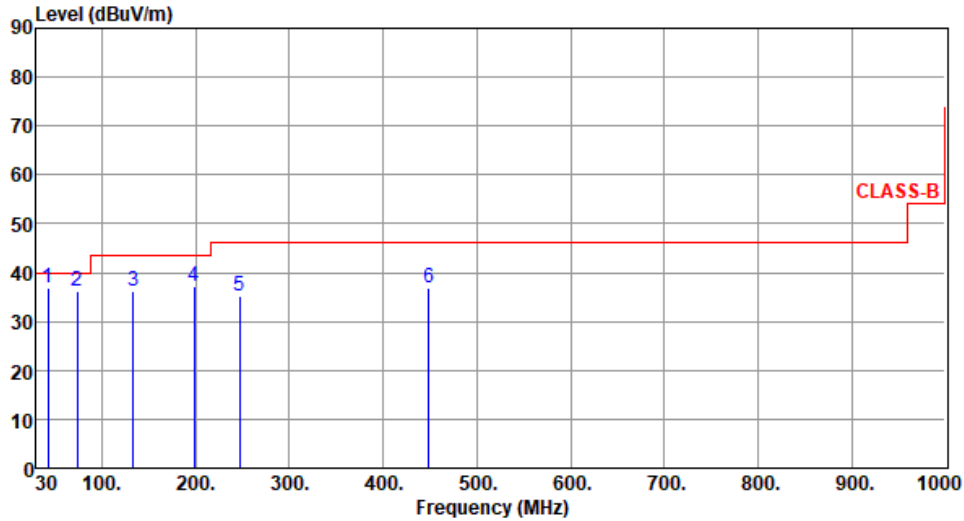
Unwanted Emissions (Below 1GHz)

| | | | | | | | | | |
|---|---------------|--------------------|------------------|----------------|------------|--------|--------|----------|------------|
| Modulation | ax HE40 RU242 | | Test Freq. (MHz) | 5590 | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin | | Temperature(°C):24 | | Humidity(%):66 | | | | | |
| <p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (30 to 1000). A red step function represents the CLASS-B limit, starting at 40 dBuV/m from 30 MHz to 100 MHz, rising to 43 dBuV/m at 200 MHz, and rising to 50 dBuV/m at 900 MHz. Six blue vertical lines indicate peak emissions at 73.52, 138.44, 198.85, 244.41, 325.15, and 386.61 MHz.</p> | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 73.52 | 35.99 | 40.00 | -4.01 | 48.06 | -12.07 | Peak | --- | --- |
| 2 | 138.44 | 36.86 | 43.50 | -6.64 | 46.41 | -9.55 | Peak | --- | --- |
| 3 | 198.85 | 38.65 | 43.50 | -4.85 | 50.42 | -11.77 | Peak | --- | --- |
| 4 | 244.41 | 37.29 | 46.00 | -8.71 | 47.51 | -10.22 | Peak | --- | --- |
| 5 | 325.15 | 35.96 | 46.00 | -10.04 | 43.47 | -7.51 | Peak | --- | --- |
| 6 | 386.61 | 36.68 | 46.00 | -9.32 | 42.55 | -5.87 | Peak | --- | --- |
| <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). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.</p> | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):24 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 | 42.61 | 36.78 | 40.00 | -3.22 | 45.12 | -8.34 | QP | 100 | 134 |
| 2 | 73.65 | 36.17 | 40.00 | -3.83 | 48.27 | -12.10 | Peak | --- | --- |
| 3 | 133.42 | 36.18 | 43.50 | -7.32 | 46.20 | -10.02 | Peak | --- | --- |
| 4 | 198.78 | 37.25 | 43.50 | -6.25 | 49.02 | -11.77 | Peak | --- | --- |
| 5 | 246.61 | 35.18 | 46.00 | -10.82 | 45.33 | -10.15 | Peak | --- | --- |
| 6 | 448.86 | 36.91 | 46.00 | -9.09 | 41.15 | -4.24 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

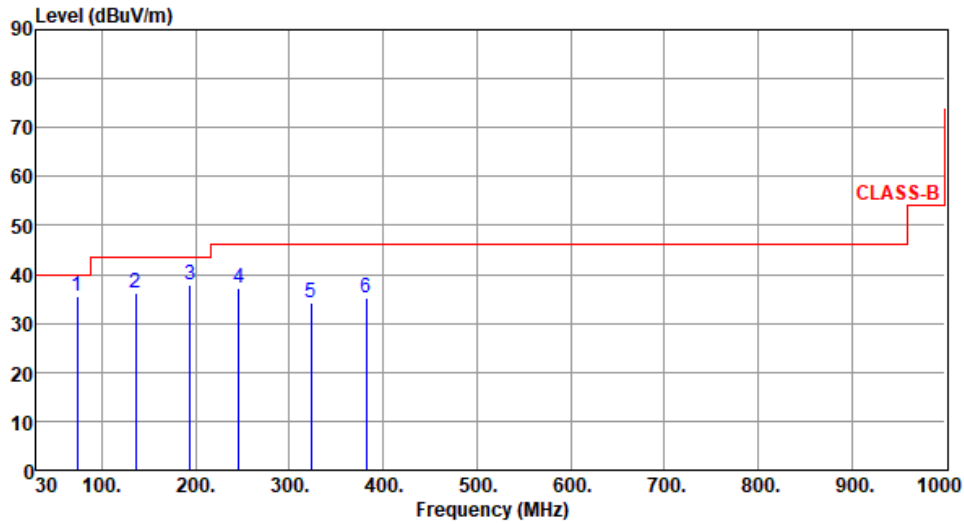
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):24 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 | 73.59 | 35.68 | 40.00 | -4.32 | 47.77 | -12.09 | Peak | --- | --- |
| 2 | 135.73 | 36.31 | 43.50 | -7.19 | 46.05 | -9.74 | Peak | --- | --- |
| 3 | 193.93 | 37.95 | 43.50 | -5.55 | 49.63 | -11.68 | Peak | --- | --- |
| 4 | 246.31 | 37.16 | 46.00 | -8.84 | 47.31 | -10.15 | Peak | --- | --- |
| 5 | 322.94 | 34.07 | 46.00 | -11.93 | 41.59 | -7.52 | Peak | --- | --- |
| 6 | 382.11 | 35.22 | 46.00 | -10.78 | 41.20 | -5.98 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

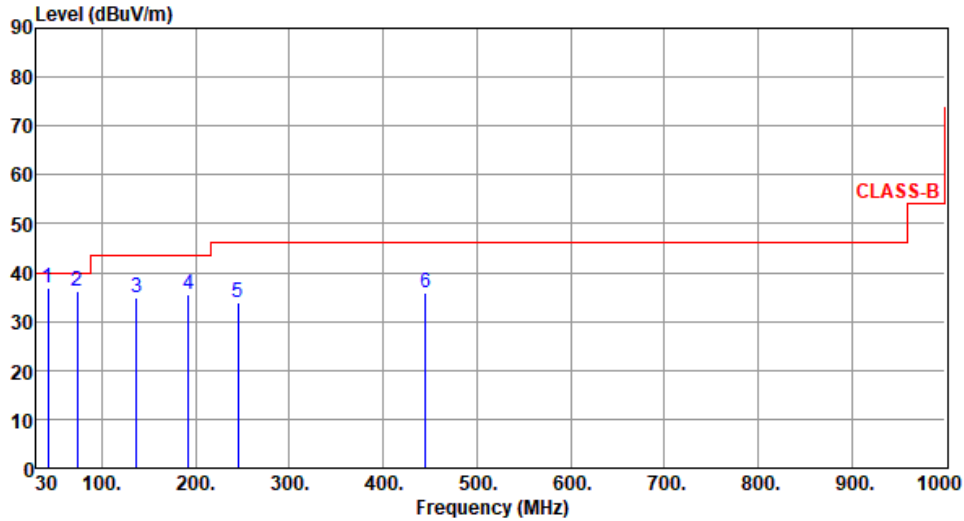
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):24 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 | 42.61 | 36.74 | 40.00 | -3.26 | 45.08 | -8.34 | QP | 100 | 141 |
| 2 | 73.65 | 36.11 | 40.00 | -3.89 | 48.21 | -12.10 | Peak | --- | --- |
| 3 | 136.70 | 34.73 | 43.50 | -8.77 | 44.49 | -9.76 | Peak | --- | --- |
| 4 | 191.99 | 35.63 | 43.50 | -7.87 | 47.13 | -11.50 | Peak | --- | --- |
| 5 | 245.34 | 33.88 | 46.00 | -12.12 | 44.05 | -10.17 | Peak | --- | --- |
| 6 | 445.16 | 35.83 | 46.00 | -10.17 | 40.17 | -4.34 | 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)

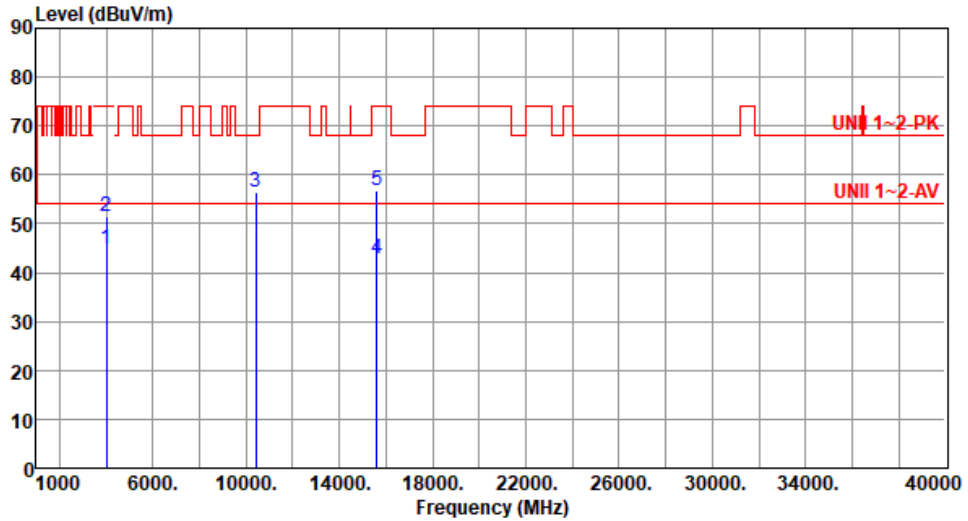
| | | | | | | | | | |
|---|---------------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5200 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Paul Lin 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 | 4000.00 | 50.77 | 54.00 | -3.23 | 53.01 | -2.24 | Average | 283 | 137 |
| 2 | 4000.00 | 55.62 | 74.00 | -18.38 | 57.86 | -2.24 | Peak | 283 | 137 |
| 3 | 10400.00 | 56.43 | 68.20 | -11.77 | 49.32 | 7.11 | Peak | 100 | 216 |
| 4 | 15600.00 | 43.12 | 54.00 | -10.88 | 39.27 | 3.85 | Average | 100 | 48 |
| 5 | 15600.00 | 56.29 | 74.00 | -17.71 | 52.44 | 3.85 | Peak | 100 | 48 |

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 RU106 | Test Freq. (MHz) | 5200 |
| 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 | 4000.00 | 44.68 | 54.00 | -9.32 | 46.92 | -2.24 | Average | 311 | 207 |
| 2 | 4000.00 | 51.52 | 74.00 | -22.48 | 53.76 | -2.24 | Peak | 311 | 207 |
| 3 | 10400.00 | 56.45 | 68.20 | -11.75 | 49.34 | 7.11 | Peak | 100 | 54 |
| 4 | 15600.00 | 42.96 | 54.00 | -11.04 | 39.11 | 3.85 | Average | 100 | 182 |
| 5 | 15600.00 | 56.93 | 74.00 | -17.07 | 53.08 | 3.85 | 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).



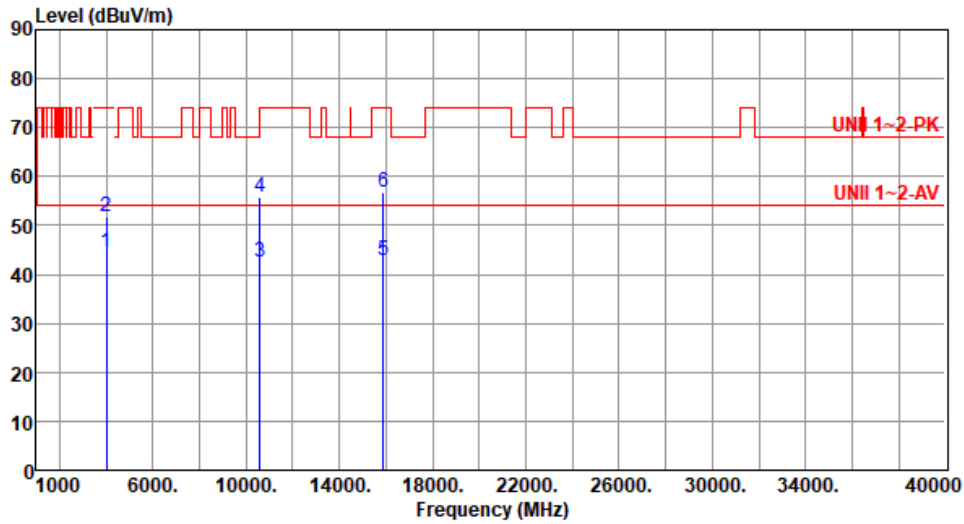
| | | | | | | | | | |
|---|---------------|-----------------------------|-----------------|--------------|-----------------------|----------------|---------|-------------------|----------------------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5300 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| 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 | 4000.00 | 50.74 | 54.00 | -3.26 | 52.98 | -2.24 | Average | 286 | 138 |
| 2 | 4000.00 | 55.70 | 74.00 | -18.30 | 57.94 | -2.24 | Peak | 286 | 138 |
| 3 | 10600.00 | 42.41 | 54.00 | -11.59 | 35.24 | 7.17 | Average | 100 | 117 |
| 4 | 10600.00 | 55.43 | 74.00 | -18.57 | 48.26 | 7.17 | Peak | 100 | 117 |
| 5 | 15900.00 | 42.97 | 54.00 | -11.03 | 38.92 | 4.05 | Average | 100 | 210 |
| 6 | 15900.00 | 56.39 | 74.00 | -17.61 | 52.34 | 4.05 | Peak | 100 | 210 |

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 RU106 | Test Freq. (MHz) | 5300 |
| 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 | 4000.00 | 44.59 | 54.00 | -9.41 | 46.83 | -2.24 | Average | 312 | 208 |
| 2 | 4000.00 | 51.77 | 74.00 | -22.23 | 54.01 | -2.24 | Peak | 312 | 208 |
| 3 | 10600.00 | 42.44 | 54.00 | -11.56 | 35.27 | 7.17 | Average | 100 | 204 |
| 4 | 10600.00 | 55.75 | 74.00 | -18.25 | 48.58 | 7.17 | Peak | 100 | 204 |
| 5 | 15900.00 | 42.87 | 54.00 | -11.13 | 38.82 | 4.05 | Average | 100 | 192 |
| 6 | 15900.00 | 56.73 | 74.00 | -17.27 | 52.68 | 4.05 | Peak | 100 | 192 |

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

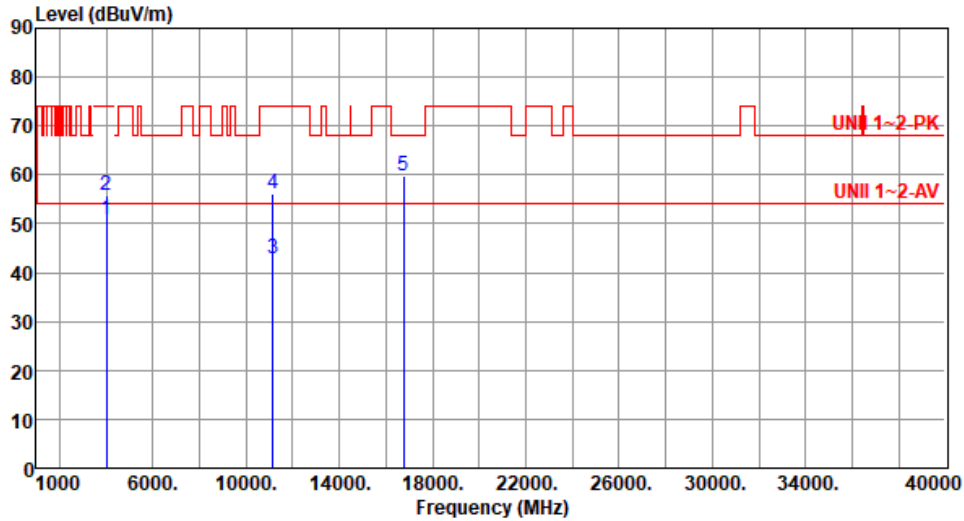
*Factor includes antenna factor , cable loss and amplifier gain

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | | |

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



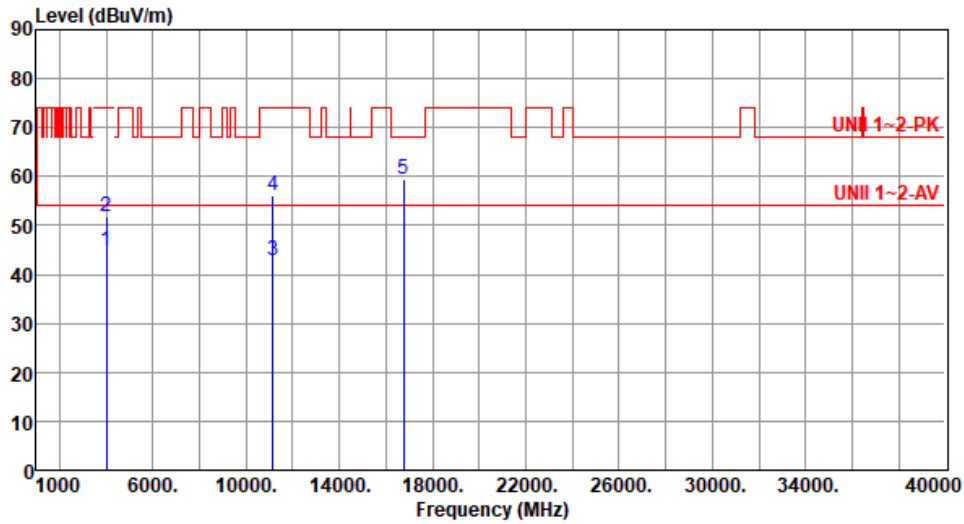
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4000.00 | 50.79 | 54.00 | -3.21 | 53.03 | -2.24 | Average | 286 | 135 |
| 2 | 4000.00 | 55.82 | 74.00 | -18.18 | 58.06 | -2.24 | Peak | 286 | 135 |
| 3 | 11160.00 | 42.87 | 54.00 | -11.13 | 35.94 | 6.93 | Average | 100 | 132 |
| 4 | 11160.00 | 56.18 | 74.00 | -17.82 | 49.25 | 6.93 | Peak | 100 | 132 |
| 5 | 16740.00 | 59.62 | 68.20 | -8.58 | 53.27 | 6.35 | 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 HE20 RU106 | 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 | 4000.00 | 44.76 | 54.00 | -9.24 | 47.00 | -2.24 | Average | 300 | 208 |
| 2 | 4000.00 | 51.82 | 74.00 | -22.18 | 54.06 | -2.24 | Peak | 300 | 208 |
| 3 | 11160.00 | 42.97 | 54.00 | -11.03 | 36.04 | 6.93 | Average | 100 | 211 |
| 4 | 11160.00 | 56.18 | 74.00 | -17.82 | 49.25 | 6.93 | Peak | 100 | 211 |
| 5 | 16740.00 | 59.39 | 68.20 | -8.81 | 53.04 | 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).



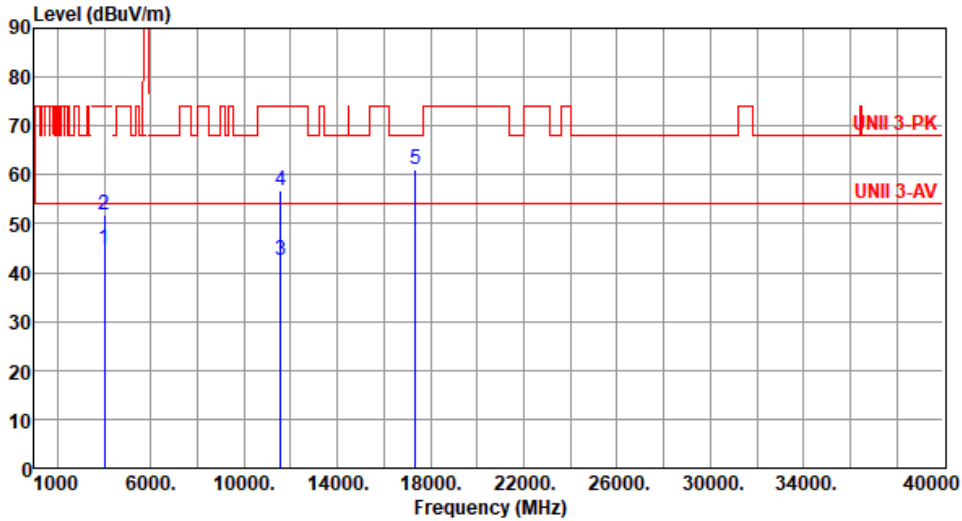
| | | | | | | | | | |
|--|---------------|----------------|-------------------------|--------|------------|--------|---------|----------|------------|
| Modulation | ax HE20 RU106 | | Test Freq. (MHz) | 5785 | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin Temperature(°C):25 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 | 4000.00 | 50.84 | 54.00 | -3.16 | 53.08 | -2.24 | Average | 288 | 137 |
| 2 | 4000.00 | 55.63 | 74.00 | -18.37 | 57.87 | -2.24 | Peak | 288 | 137 |
| 3 | 11570.00 | 43.02 | 54.00 | -10.98 | 36.07 | 6.95 | Average | 100 | 117 |
| 4 | 11570.00 | 56.40 | 74.00 | -17.60 | 49.45 | 6.95 | Peak | 100 | 117 |
| 5 | 17355.00 | 60.13 | 68.20 | -8.07 | 53.91 | 6.22 | Peak | 100 | 57 |

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 RU106 | 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 | 4000.00 | 44.89 | 54.00 | -9.11 | 47.13 | -2.24 | Average | 302 | 210 |
| 2 | 4000.00 | 51.86 | 74.00 | -22.14 | 54.10 | -2.24 | Peak | 302 | 210 |
| 3 | 11570.00 | 42.66 | 54.00 | -11.34 | 35.71 | 6.95 | Average | 100 | 173 |
| 4 | 11570.00 | 56.68 | 74.00 | -17.32 | 49.73 | 6.95 | Peak | 100 | 173 |
| 5 | 17355.00 | 61.09 | 68.20 | -7.11 | 54.87 | 6.22 | Peak | 100 | 117 |

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

*Factor includes antenna factor , cable loss and amplifier gain

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

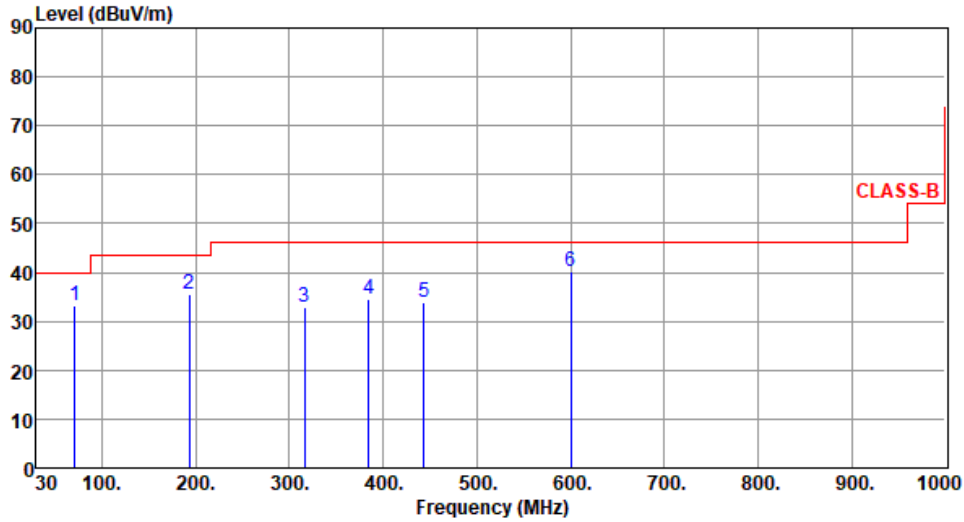


ST M.2, SDIO Module

Unwanted Emissions (Below 1GHz)

| | | | |
|--------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):24 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 | 71.39 | 33.26 | 40.00 | -6.74 | 44.65 | -11.39 | Peak | --- | --- |
| 2 | 192.96 | 35.44 | 43.50 | -8.06 | 47.03 | -11.59 | Peak | --- | --- |
| 3 | 316.15 | 32.90 | 46.00 | -13.10 | 40.52 | -7.62 | Peak | --- | --- |
| 4 | 385.02 | 34.64 | 46.00 | -11.36 | 40.55 | -5.91 | Peak | --- | --- |
| 5 | 443.22 | 34.03 | 46.00 | -11.97 | 38.41 | -4.38 | Peak | --- | --- |
| 6 | 600.36 | 40.27 | 46.00 | -5.73 | 41.19 | -0.92 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

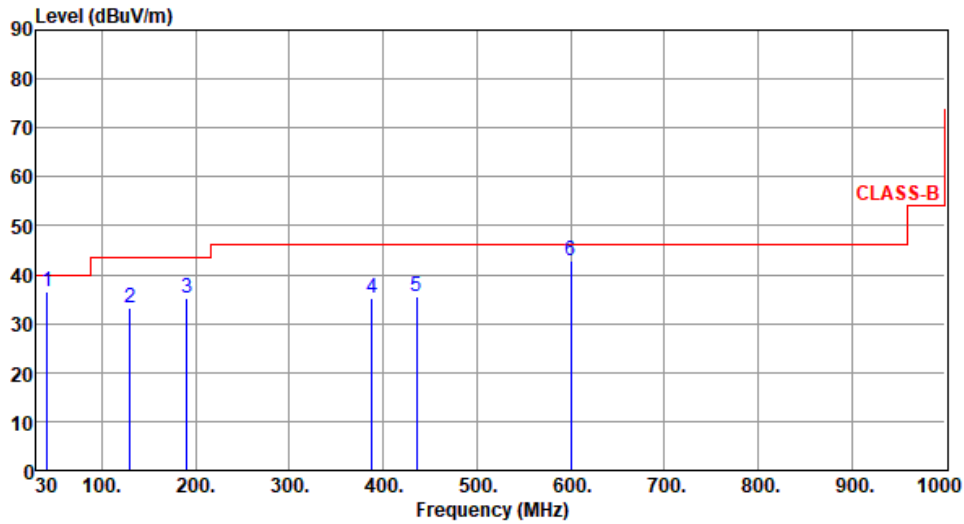
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):24 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 | 41.96 | 36.50 | 40.00 | -3.50 | 45.10 | -8.60 | QP | 100 | 177 |
| 2 | 129.91 | 33.21 | 43.50 | -10.29 | 43.53 | -10.32 | Peak | --- | --- |
| 3 | 191.02 | 35.14 | 43.50 | -8.36 | 46.74 | -11.60 | Peak | --- | --- |
| 4 | 387.93 | 35.15 | 46.00 | -10.85 | 40.98 | -5.83 | Peak | --- | --- |
| 5 | 435.46 | 35.51 | 46.00 | -10.49 | 40.06 | -4.55 | Peak | --- | --- |
| 6 | 600.36 | 42.71 | 46.00 | -3.29 | 43.63 | -0.92 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

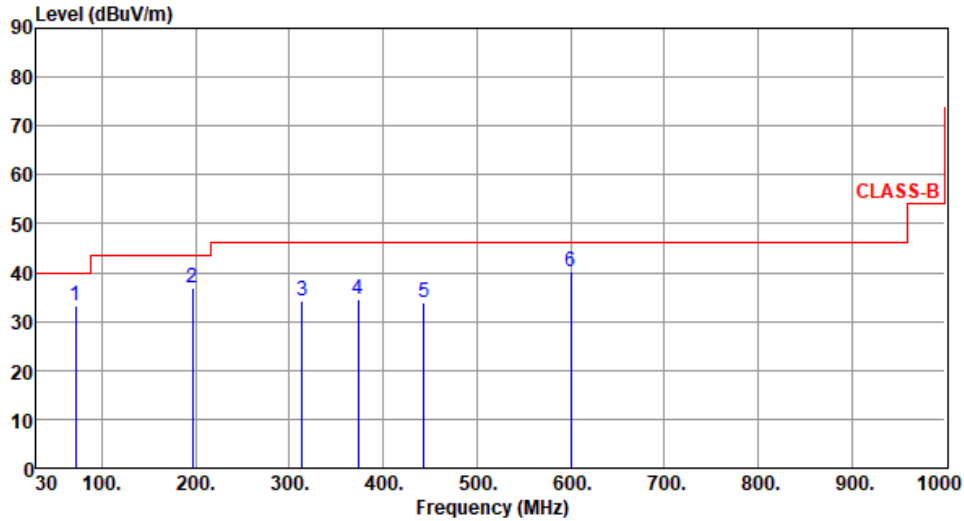
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Polarization | Horizontal | | |

Test By :Paul Lin Temperature(°C):24 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 | 71.52 | 33.34 | 40.00 | -6.66 | 44.75 | -11.41 | Peak | --- | --- |
| 2 | 196.84 | 36.75 | 43.50 | -6.75 | 48.60 | -11.85 | Peak | --- | --- |
| 3 | 313.24 | 34.21 | 46.00 | -11.79 | 41.93 | -7.72 | Peak | --- | --- |
| 4 | 373.38 | 34.42 | 46.00 | -11.58 | 40.73 | -6.31 | Peak | --- | --- |
| 5 | 443.22 | 34.03 | 46.00 | -11.97 | 38.41 | -4.38 | Peak | --- | --- |
| 6 | 600.36 | 40.04 | 46.00 | -5.96 | 40.96 | -0.92 | Peak | --- | --- |

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

*Factor includes antenna factor , cable loss and amplifier gain

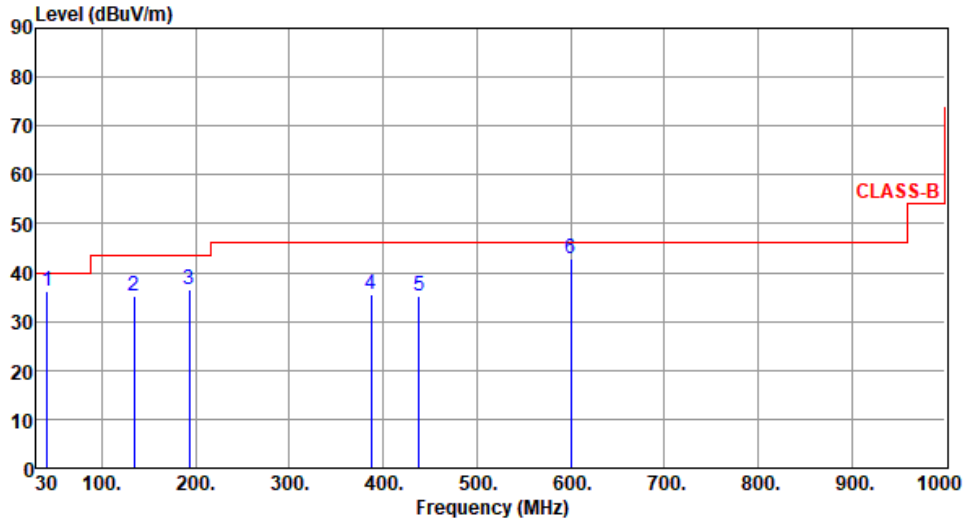
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Polarization | Vertical | | |

Test By :Paul Lin Temperature(°C):24 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 | 41.78 | 36.29 | 40.00 | -3.71 | 44.92 | -8.63 | QP | 100 | 179 |
| 2 | 134.49 | 35.24 | 43.50 | -8.26 | 45.13 | -9.89 | Peak | --- | --- |
| 3 | 193.34 | 36.42 | 43.50 | -7.08 | 48.04 | -11.62 | Peak | --- | --- |
| 4 | 387.47 | 35.61 | 46.00 | -10.39 | 41.46 | -5.85 | Peak | --- | --- |
| 5 | 438.55 | 35.28 | 46.00 | -10.72 | 39.76 | -4.48 | Peak | --- | --- |
| 6 | 600.36 | 42.77 | 46.00 | -3.23 | 43.69 | -0.92 | 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).

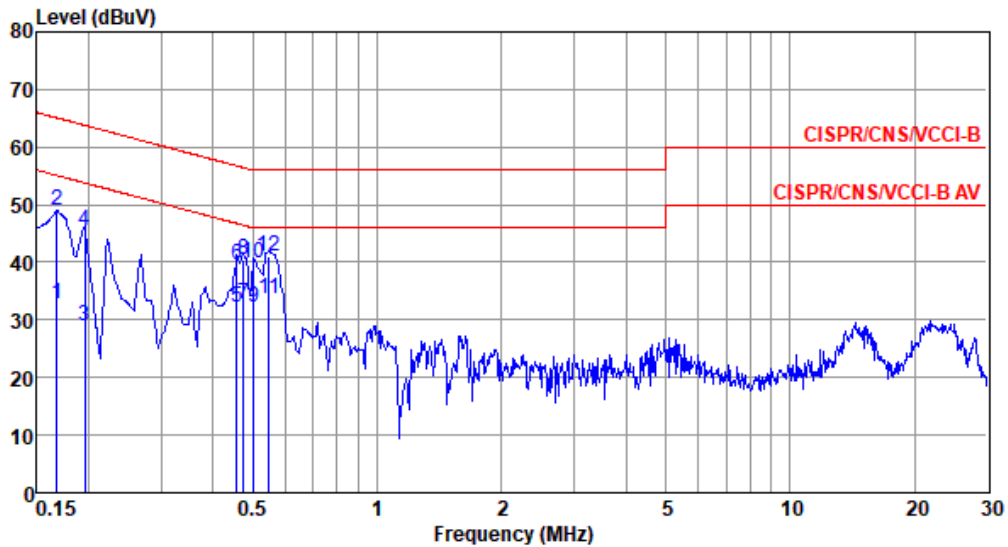
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



SC Module with PCB Dipole antenna

| | | | |
|-------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



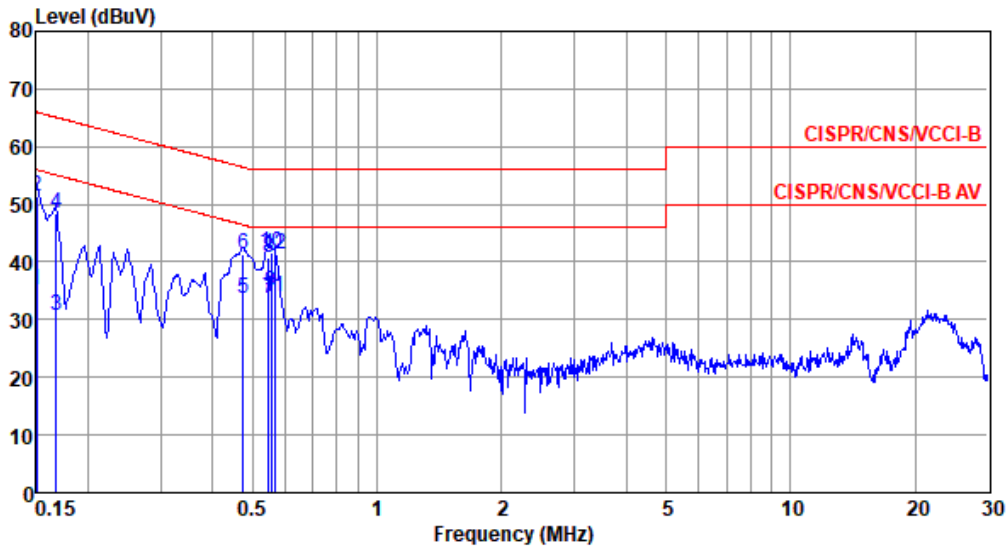
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|-----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.168 | 32.69 | 55.08 | -22.39 | 22.82 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.168 | 48.87 | 65.08 | -16.21 | 39.00 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.195 | 29.05 | 53.80 | -24.75 | 19.18 | 9.62 | 0.06 | 0.19 | Average |
| 4 | 0.195 | 45.47 | 63.80 | -18.33 | 35.60 | 9.62 | 0.06 | 0.19 | QP |
| 5 | 0.456 | 32.04 | 46.76 | -14.72 | 22.05 | 9.62 | 0.07 | 0.30 | Average |
| 6 | 0.456 | 39.48 | 56.76 | -17.28 | 29.49 | 9.62 | 0.07 | 0.30 | QP |
| 7 | 0.474 | 32.62 | 46.45 | -13.83 | 22.62 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.474 | 40.54 | 56.45 | -15.91 | 30.54 | 9.62 | 0.07 | 0.31 | QP |
| 9 | 0.502 | 32.31 | 46.00 | -13.69 | 22.31 | 9.62 | 0.07 | 0.31 | Average |
| 10 | 0.502 | 39.93 | 56.00 | -16.07 | 29.93 | 9.62 | 0.07 | 0.31 | QP |
| 11* | 0.546 | 33.74 | 46.00 | -12.26 | 23.73 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.546 | 40.96 | 56.00 | -15.04 | 30.95 | 9.62 | 0.08 | 0.31 | 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 | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



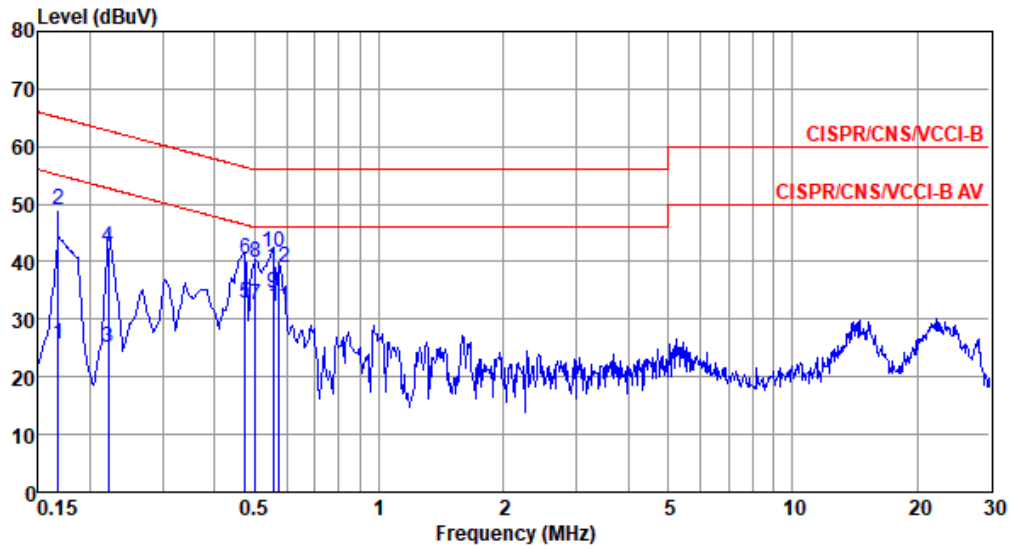
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 35.06 | 56.00 | -20.94 | 25.19 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 51.39 | 66.00 | -14.61 | 41.52 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.168 | 30.69 | 55.08 | -24.39 | 20.82 | 9.63 | 0.06 | 0.18 | Average |
| 4 | 0.168 | 48.41 | 65.08 | -16.67 | 38.54 | 9.63 | 0.06 | 0.18 | QP |
| 5 | 0.474 | 33.70 | 46.45 | -12.75 | 23.70 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.474 | 41.26 | 56.45 | -15.19 | 31.26 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.546 | 33.64 | 46.00 | -12.36 | 23.63 | 9.62 | 0.08 | 0.31 | Average |
| 8 | 0.546 | 40.66 | 56.00 | -15.34 | 30.65 | 9.62 | 0.08 | 0.31 | QP |
| 9* | 0.555 | 34.81 | 46.00 | -11.19 | 24.80 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.555 | 41.58 | 56.00 | -14.42 | 31.57 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.564 | 34.05 | 46.00 | -11.95 | 24.04 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.564 | 41.32 | 56.00 | -14.68 | 31.31 | 9.62 | 0.08 | 0.31 | 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 | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



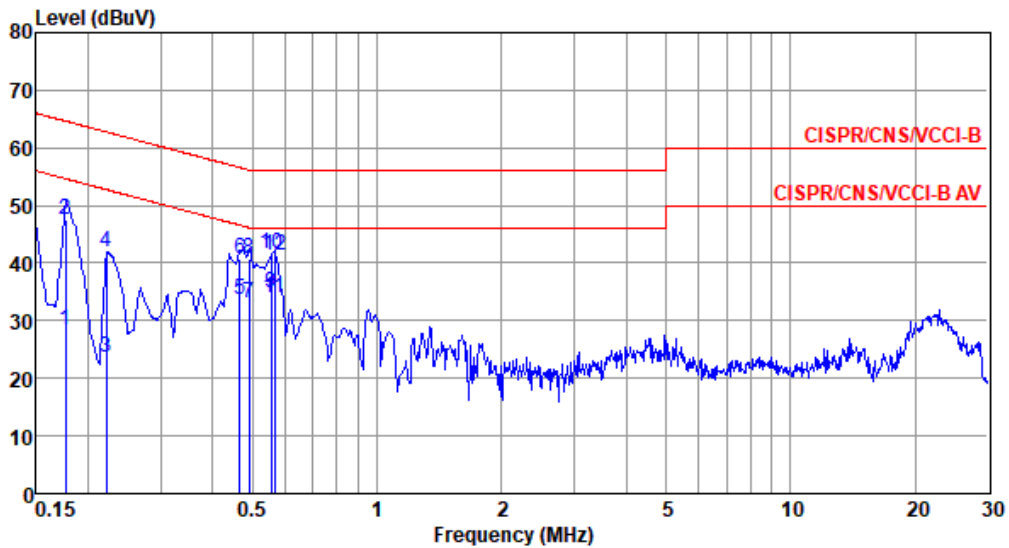
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.168 | 25.59 | 55.08 | -29.49 | 15.72 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.168 | 49.07 | 65.08 | -16.01 | 39.20 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.222 | 25.01 | 52.74 | -27.73 | 15.12 | 9.62 | 0.06 | 0.21 | Average |
| 4 | 0.222 | 42.45 | 62.74 | -20.29 | 32.56 | 9.62 | 0.06 | 0.21 | QP |
| 5 | 0.474 | 32.72 | 46.45 | -13.73 | 22.72 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.474 | 40.51 | 56.45 | -15.94 | 30.51 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.502 | 32.49 | 46.00 | -13.51 | 22.49 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.502 | 39.91 | 56.00 | -16.09 | 29.91 | 9.62 | 0.07 | 0.31 | QP |
| 9* | 0.555 | 34.67 | 46.00 | -11.33 | 24.66 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.555 | 41.62 | 56.00 | -14.38 | 31.61 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.573 | 32.23 | 46.00 | -13.77 | 22.22 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.573 | 38.96 | 56.00 | -17.04 | 28.95 | 9.62 | 0.08 | 0.31 | 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 | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.177 | 28.26 | 54.64 | -26.38 | 18.38 | 9.63 | 0.06 | 0.19 | Average |
| 2 | 0.177 | 47.48 | 64.64 | -17.16 | 37.60 | 9.63 | 0.06 | 0.19 | QP |
| 3 | 0.222 | 23.65 | 52.74 | -29.09 | 13.75 | 9.63 | 0.06 | 0.21 | Average |
| 4 | 0.222 | 41.87 | 62.74 | -20.87 | 31.97 | 9.63 | 0.06 | 0.21 | QP |
| 5 | 0.466 | 33.67 | 46.58 | -12.91 | 23.67 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.466 | 40.88 | 56.58 | -15.70 | 30.88 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.491 | 33.12 | 46.14 | -13.02 | 23.12 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.491 | 40.79 | 56.14 | -15.35 | 30.79 | 9.62 | 0.07 | 0.31 | QP |
| 9* | 0.555 | 34.90 | 46.00 | -11.10 | 24.89 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.555 | 41.59 | 56.00 | -14.41 | 31.58 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.564 | 33.89 | 46.00 | -12.11 | 23.88 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.564 | 41.31 | 56.00 | -14.69 | 31.30 | 9.62 | 0.08 | 0.31 | QP |

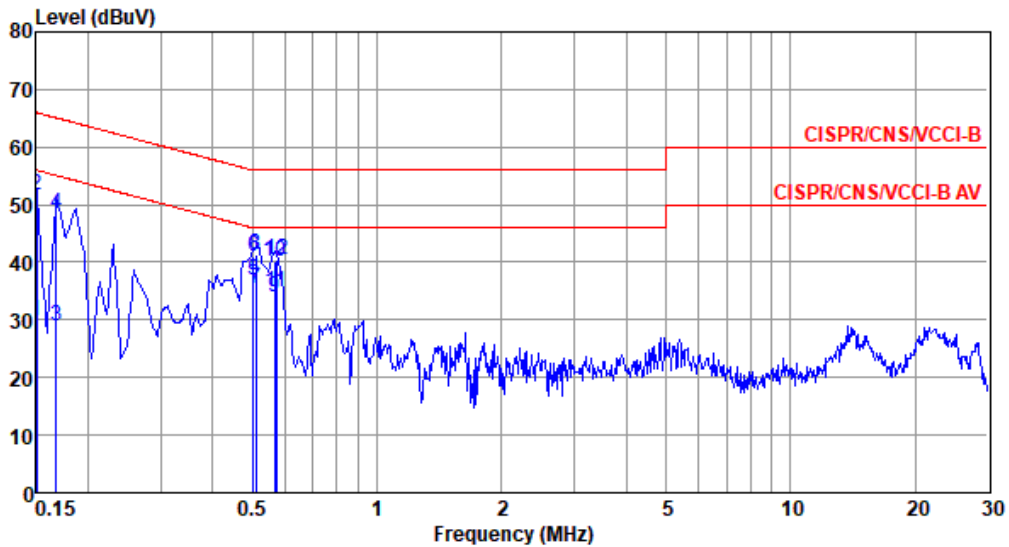
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



ST M.2, SDIO Module with PCB Dipole antenna

| | | | |
|-------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



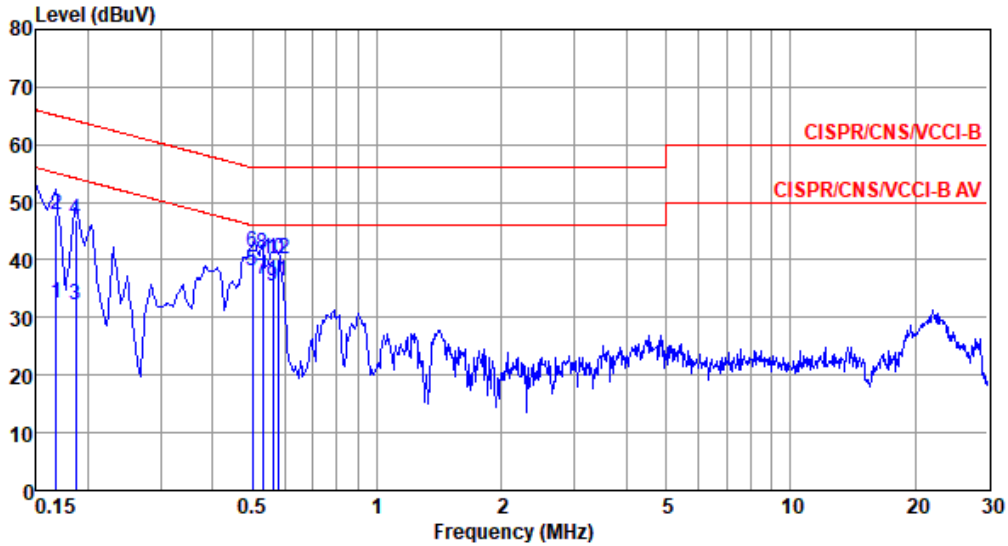
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 29.86 | 56.00 | -26.14 | 19.99 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 51.52 | 66.00 | -14.48 | 41.65 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.168 | 28.94 | 55.08 | -26.14 | 19.07 | 9.63 | 0.06 | 0.18 | Average |
| 4 | 0.168 | 48.32 | 65.08 | -16.76 | 38.45 | 9.63 | 0.06 | 0.18 | QP |
| 5* | 0.502 | 36.95 | 46.00 | -9.05 | 26.95 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.502 | 41.15 | 56.00 | -14.85 | 31.15 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.510 | 35.37 | 46.00 | -10.63 | 25.37 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.510 | 41.31 | 56.00 | -14.69 | 31.31 | 9.62 | 0.07 | 0.31 | QP |
| 9 | 0.564 | 33.90 | 46.00 | -12.10 | 23.89 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.564 | 40.25 | 56.00 | -15.75 | 30.24 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.570 | 34.76 | 46.00 | -11.24 | 24.75 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.570 | 40.49 | 56.00 | -15.51 | 30.48 | 9.62 | 0.08 | 0.31 | 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 | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



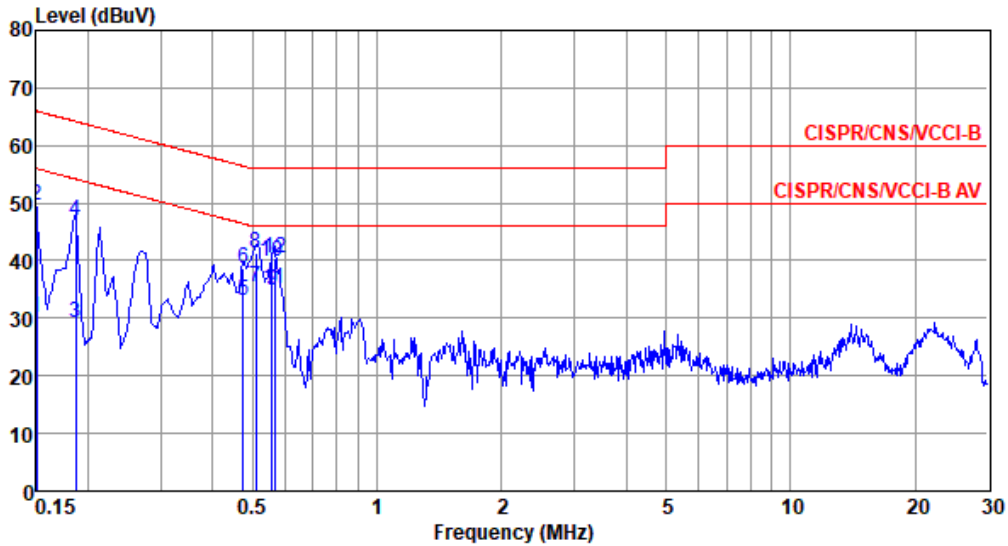
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.168 | 32.54 | 55.08 | -22.54 | 22.67 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.168 | 47.95 | 65.08 | -17.13 | 38.08 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.186 | 32.17 | 54.20 | -22.03 | 22.29 | 9.63 | 0.06 | 0.19 | Average |
| 4 | 0.186 | 46.95 | 64.20 | -17.25 | 37.07 | 9.63 | 0.06 | 0.19 | QP |
| 5* | 0.500 | 38.22 | 46.00 | -7.78 | 28.22 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.500 | 41.26 | 56.00 | -14.74 | 31.26 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.529 | 36.71 | 46.00 | -9.29 | 26.70 | 9.62 | 0.08 | 0.31 | Average |
| 8 | 0.529 | 41.02 | 56.00 | -14.98 | 31.01 | 9.62 | 0.08 | 0.31 | QP |
| 9 | 0.561 | 35.34 | 46.00 | -10.66 | 25.33 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.561 | 40.05 | 56.00 | -15.95 | 30.04 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.576 | 36.42 | 46.00 | -9.58 | 26.41 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.576 | 40.12 | 56.00 | -15.88 | 30.11 | 9.62 | 0.08 | 0.31 | 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 | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



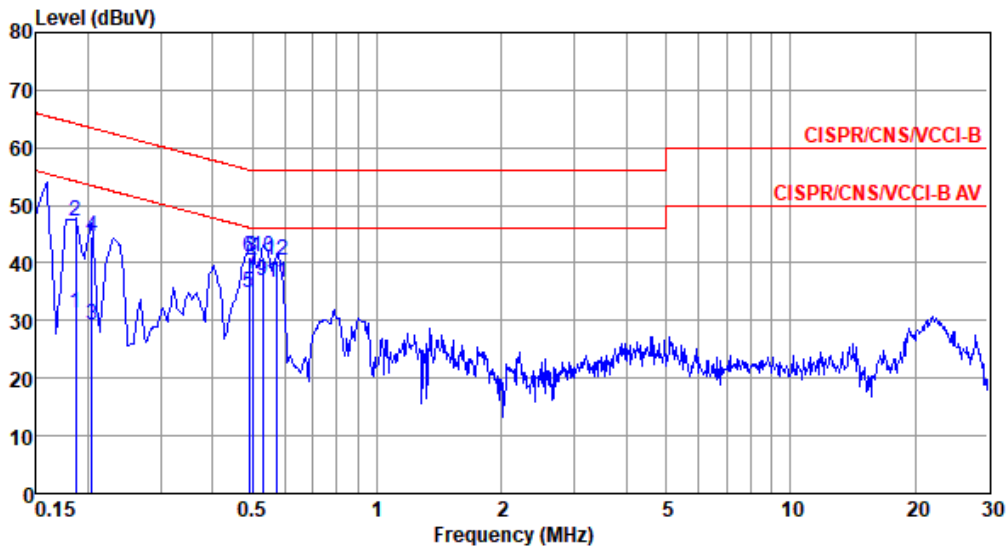
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 30.16 | 56.00 | -25.84 | 20.29 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.150 | 49.64 | 66.00 | -16.36 | 39.77 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.186 | 29.19 | 54.20 | -25.01 | 19.32 | 9.62 | 0.06 | 0.19 | Average |
| 4 | 0.186 | 46.91 | 64.20 | -17.29 | 37.04 | 9.62 | 0.06 | 0.19 | QP |
| 5 | 0.474 | 33.14 | 46.45 | -13.31 | 23.14 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.474 | 38.75 | 56.45 | -17.70 | 28.75 | 9.62 | 0.07 | 0.31 | QP |
| 7* | 0.510 | 35.50 | 46.00 | -10.50 | 25.50 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.510 | 41.41 | 56.00 | -14.59 | 31.41 | 9.62 | 0.07 | 0.31 | QP |
| 9 | 0.558 | 34.82 | 46.00 | -11.18 | 24.81 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.558 | 39.85 | 56.00 | -16.15 | 29.84 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.564 | 34.99 | 46.00 | -11.01 | 24.98 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.564 | 40.41 | 56.00 | -15.59 | 30.40 | 9.62 | 0.08 | 0.31 | 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 | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.186 | 31.31 | 54.20 | -22.89 | 21.43 | 9.63 | 0.06 | 0.19 | Average |
| 2 | 0.186 | 47.16 | 64.20 | -17.04 | 37.28 | 9.63 | 0.06 | 0.19 | QP |
| 3 | 0.204 | 29.10 | 53.45 | -24.35 | 19.22 | 9.63 | 0.06 | 0.19 | Average |
| 4 | 0.204 | 44.45 | 63.45 | -19.00 | 34.57 | 9.63 | 0.06 | 0.19 | QP |
| 5 | 0.491 | 34.72 | 46.14 | -11.42 | 24.72 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.491 | 40.90 | 56.14 | -15.24 | 30.90 | 9.62 | 0.07 | 0.31 | QP |
| 7* | 0.500 | 38.11 | 46.00 | -7.89 | 28.11 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.500 | 41.13 | 56.00 | -14.87 | 31.13 | 9.62 | 0.07 | 0.31 | QP |
| 9 | 0.529 | 36.76 | 46.00 | -9.24 | 26.75 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.529 | 41.01 | 56.00 | -14.99 | 31.00 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.573 | 36.58 | 46.00 | -9.42 | 26.57 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.573 | 40.50 | 56.00 | -15.50 | 30.49 | 9.62 | 0.08 | 0.31 | QP |

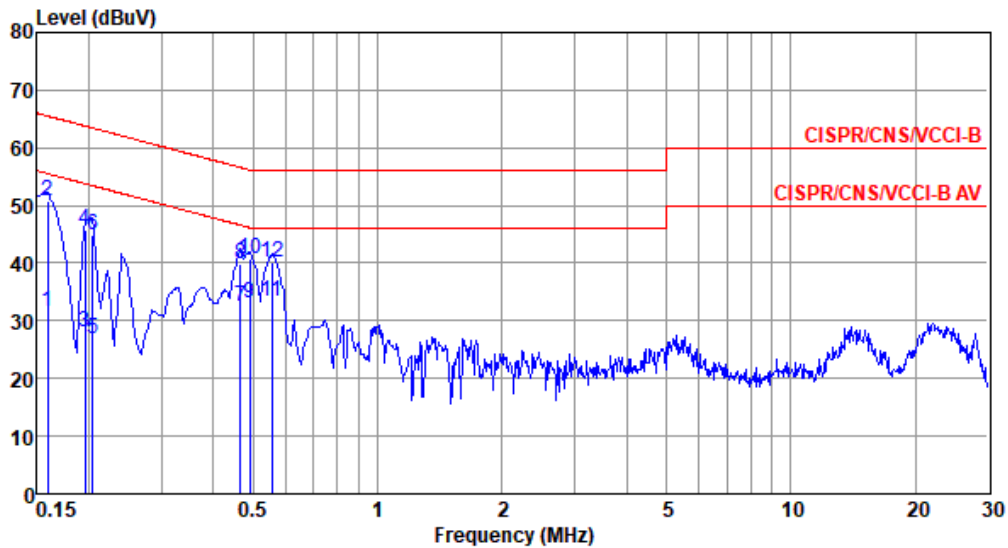
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



ST M.2, PCIe Module with PCB Dipole antenna

| | | | |
|-------------|---------------|------------------|------|
| Modulation | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



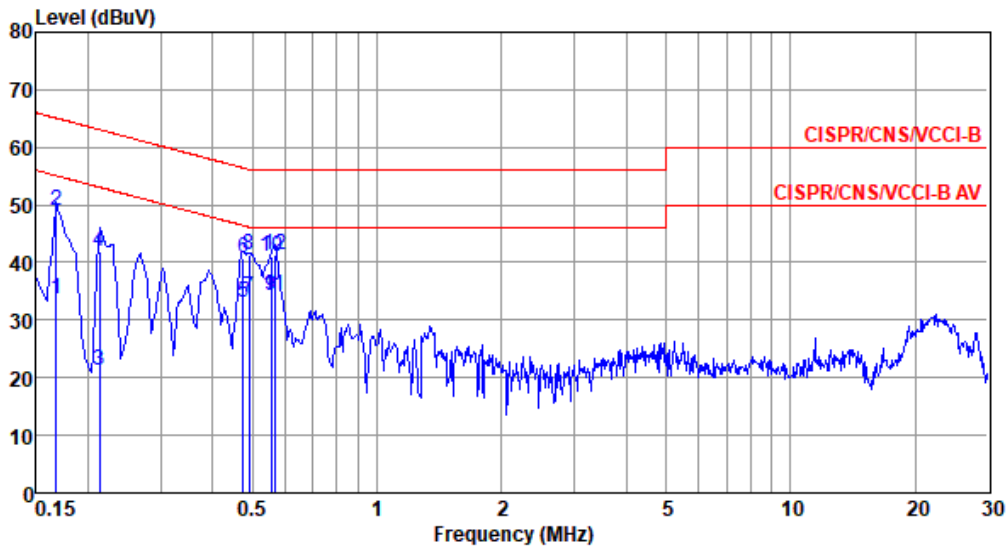
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|-----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 31.68 | 55.52 | -23.84 | 21.81 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.159 | 50.92 | 65.52 | -14.60 | 41.05 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.195 | 27.90 | 53.80 | -25.90 | 18.03 | 9.62 | 0.06 | 0.19 | Average |
| 4 | 0.195 | 45.75 | 63.80 | -18.05 | 35.88 | 9.62 | 0.06 | 0.19 | QP |
| 5 | 0.204 | 26.99 | 53.45 | -26.46 | 17.12 | 9.62 | 0.06 | 0.19 | Average |
| 6 | 0.204 | 44.94 | 63.45 | -18.51 | 35.07 | 9.62 | 0.06 | 0.19 | QP |
| 7 | 0.466 | 32.34 | 46.58 | -14.24 | 22.34 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.466 | 39.96 | 56.58 | -16.62 | 29.96 | 9.62 | 0.07 | 0.31 | QP |
| 9 | 0.491 | 33.19 | 46.14 | -12.95 | 23.19 | 9.62 | 0.07 | 0.31 | Average |
| 10 | 0.491 | 40.81 | 56.14 | -15.33 | 30.81 | 9.62 | 0.07 | 0.31 | QP |
| 11* | 0.555 | 33.35 | 46.00 | -12.65 | 23.34 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.555 | 40.18 | 56.00 | -15.82 | 30.17 | 9.62 | 0.08 | 0.31 | 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 | ax HE40 RU242 | Test Freq. (MHz) | 5590 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



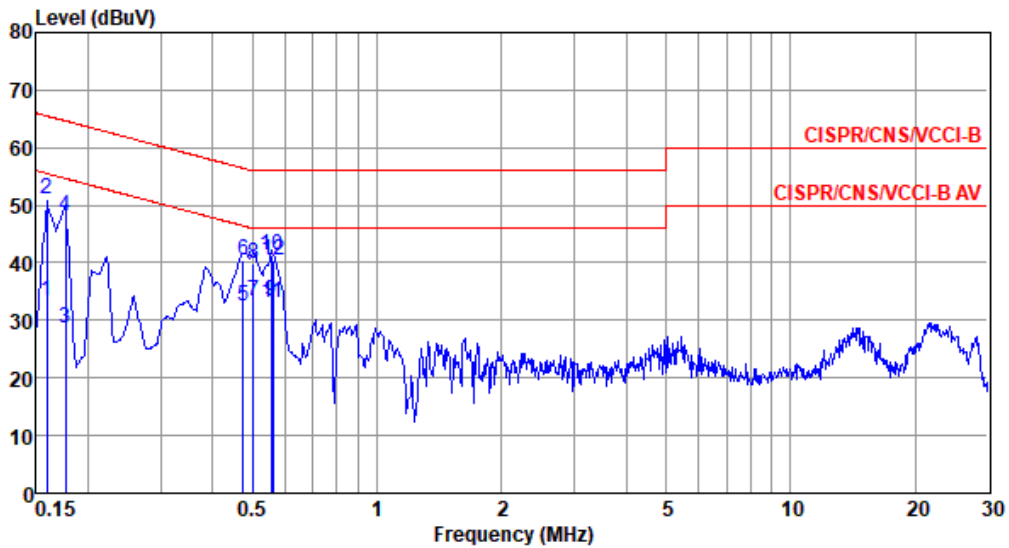
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.168 | 33.64 | 55.08 | -21.44 | 23.77 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.168 | 49.01 | 65.08 | -16.07 | 39.14 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.213 | 21.40 | 53.10 | -31.70 | 11.51 | 9.63 | 0.06 | 0.20 | Average |
| 4 | 0.213 | 41.91 | 63.10 | -21.19 | 32.02 | 9.63 | 0.06 | 0.20 | QP |
| 5 | 0.474 | 33.05 | 46.45 | -13.40 | 23.05 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.474 | 40.86 | 56.45 | -15.59 | 30.86 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.491 | 33.87 | 46.14 | -12.27 | 23.87 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.491 | 41.39 | 56.14 | -14.75 | 31.39 | 9.62 | 0.07 | 0.31 | QP |
| 9* | 0.555 | 34.19 | 46.00 | -11.81 | 24.18 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.555 | 41.02 | 56.00 | -14.98 | 31.01 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.564 | 34.11 | 46.00 | -11.89 | 24.10 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.564 | 41.29 | 56.00 | -14.71 | 31.28 | 9.62 | 0.08 | 0.31 | 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 | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 33.25 | 55.52 | -22.27 | 23.38 | 9.63 | 0.06 | 0.18 | Average |
| 2 | 0.159 | 50.97 | 65.52 | -14.55 | 41.10 | 9.63 | 0.06 | 0.18 | QP |
| 3 | 0.177 | 28.55 | 54.64 | -26.09 | 18.68 | 9.62 | 0.06 | 0.19 | Average |
| 4 | 0.177 | 48.02 | 64.64 | -16.62 | 38.15 | 9.62 | 0.06 | 0.19 | QP |
| 5 | 0.474 | 32.55 | 46.45 | -13.90 | 22.55 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.474 | 40.43 | 56.45 | -16.02 | 30.43 | 9.62 | 0.07 | 0.31 | QP |
| 7* | 0.502 | 33.43 | 46.00 | -12.57 | 23.43 | 9.62 | 0.07 | 0.31 | Average |
| 8 | 0.502 | 39.92 | 56.00 | -16.08 | 29.92 | 9.62 | 0.07 | 0.31 | QP |
| 9 | 0.555 | 33.22 | 46.00 | -12.78 | 23.21 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.555 | 41.19 | 56.00 | -14.81 | 31.18 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.561 | 33.02 | 46.00 | -12.98 | 23.01 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.561 | 40.32 | 56.00 | -15.68 | 30.31 | 9.62 | 0.08 | 0.31 | QP |

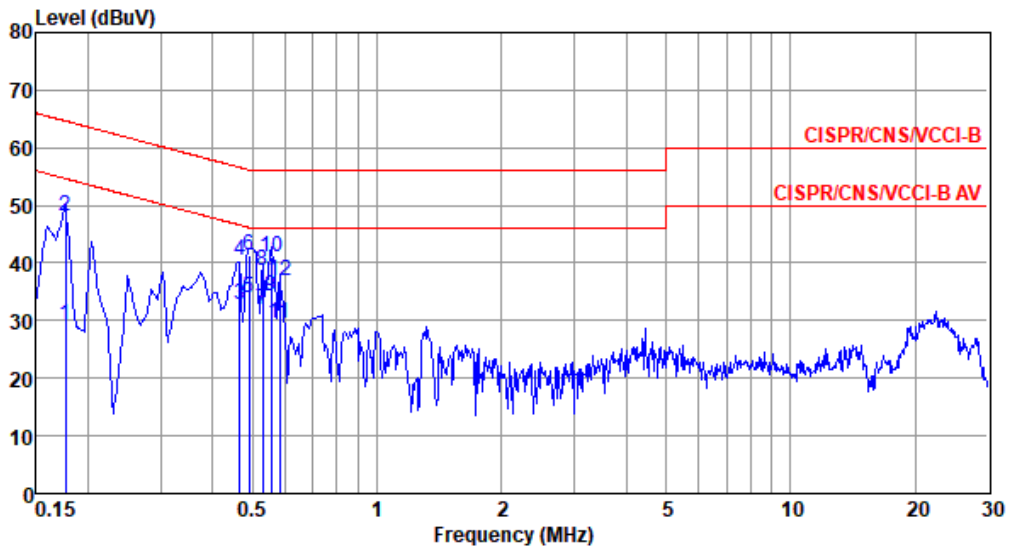
Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).



| | | | |
|-------------|---------------|------------------|------|
| Modulation | ax HE20 RU106 | Test Freq. (MHz) | 5785 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 22°C Humidity: 68%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.177 | 29.36 | 54.64 | -25.28 | 19.48 | 9.63 | 0.06 | 0.19 | Average |
| 2 | 0.177 | 48.23 | 64.64 | -16.41 | 38.35 | 9.63 | 0.06 | 0.19 | QP |
| 3 | 0.466 | 32.65 | 46.58 | -13.93 | 22.65 | 9.62 | 0.07 | 0.31 | Average |
| 4 | 0.466 | 40.32 | 56.58 | -16.26 | 30.32 | 9.62 | 0.07 | 0.31 | QP |
| 5 | 0.491 | 33.89 | 46.14 | -12.25 | 23.89 | 9.62 | 0.07 | 0.31 | Average |
| 6 | 0.491 | 41.33 | 56.14 | -14.81 | 31.33 | 9.62 | 0.07 | 0.31 | QP |
| 7 | 0.529 | 31.75 | 46.00 | -14.25 | 21.74 | 9.62 | 0.08 | 0.31 | Average |
| 8 | 0.529 | 38.77 | 56.00 | -17.23 | 28.76 | 9.62 | 0.08 | 0.31 | QP |
| 9* | 0.555 | 34.15 | 46.00 | -11.85 | 24.14 | 9.62 | 0.08 | 0.31 | Average |
| 10 | 0.555 | 41.00 | 56.00 | -15.00 | 30.99 | 9.62 | 0.08 | 0.31 | QP |
| 11 | 0.582 | 29.62 | 46.00 | -16.38 | 19.61 | 9.62 | 0.08 | 0.31 | Average |
| 12 | 0.582 | 37.03 | 56.00 | -18.97 | 27.02 | 9.62 | 0.08 | 0.31 | 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).