



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|--------------------------------|--------------------------|-----------------------|--------------------|-------------------------------|------------------------|---------------------------|----------------------------|-----------------------------|---------------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.81 | 57.50 | 74.00 | -23.19 | 31.78 | 7.74 | 46.21 | 100 | 35 | Peak |
| 2390.000 | 43.45 | 50.14 | 54.00 | -10.55 | 31.78 | 7.74 | 46.21 | 100 | 35 | Average |
| 2462.000 | 102.21 | 108.64 | / | / | 31.92 | 7.84 | 46.19 | 100 | 35 | Peak |
| 2462.000 | 95.62 | 102.05 | / | / | 31.92 | 7.84 | 46.19 | 100 | 35 | Average |
| 2483.500 | 51.23 | 57.57 | 74.00 | -22.77 | 31.97 | 7.88 | 46.19 | 100 | 35 | Peak |
| 2483.500 | 43.99 | 50.33 | 54.00 | -10.01 | 31.97 | 7.88 | 46.19 | 100 | 35 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.09 | 57.66 | 74.00 | -22.91 | 31.90 | 7.74 | 46.21 | 103 | 315 | Peak |
| 2390.000 | 43.91 | 50.48 | 54.00 | -10.09 | 31.90 | 7.74 | 46.21 | 103 | 315 | Average |
| 2462.000 | 108.18 | 114.50 | / | / | 32.03 | 7.84 | 46.19 | 103 | 315 | Peak |
| 2462.000 | 101.62 | 107.94 | / | / | 32.03 | 7.84 | 46.19 | 103 | 315 | Average |
| 2483.500 | 52.03 | 58.27 | 74.00 | -21.97 | 32.07 | 7.88 | 46.19 | 103 | 315 | Peak |
| 2483.500 | 44.77 | 51.01 | 54.00 | -9.23 | 32.07 | 7.88 | 46.19 | 103 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



802.11ax (20MHz) (RU106):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.73 | 58.42 | 74.00 | -22.27 | 31.78 | 7.74 | 46.21 | 200 | 32 | Peak |
| 2390.000 | 43.97 | 50.66 | 54.00 | -10.03 | 31.78 | 7.74 | 46.21 | 200 | 32 | Average |
| 2412.000 | 100.66 | 107.28 | / | / | 31.82 | 7.77 | 46.21 | 200 | 32 | Peak |
| 2412.000 | 96.27 | 102.89 | / | / | 31.82 | 7.77 | 46.21 | 200 | 32 | Average |
| 2483.500 | 51.27 | 57.61 | 74.00 | -22.73 | 31.97 | 7.88 | 46.19 | 200 | 32 | Peak |
| 2483.500 | 43.44 | 49.78 | 54.00 | -10.56 | 31.97 | 7.88 | 46.19 | 200 | 32 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 52.63 | 59.20 | 74.00 | -21.37 | 31.90 | 7.74 | 46.21 | 125 | 315 | Peak |
| 2390.000 | 45.09 | 51.66 | 54.00 | -8.91 | 31.90 | 7.74 | 46.21 | 125 | 315 | Average |
| 2412.000 | 104.35 | 110.85 | / | / | 31.94 | 7.77 | 46.21 | 125 | 315 | Peak |
| 2412.000 | 99.91 | 106.41 | / | / | 31.94 | 7.77 | 46.21 | 125 | 315 | Average |
| 2483.500 | 51.10 | 57.34 | 74.00 | -22.90 | 32.07 | 7.88 | 46.19 | 125 | 315 | Peak |
| 2483.500 | 43.74 | 49.98 | 54.00 | -10.26 | 32.07 | 7.88 | 46.19 | 125 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 50.33 | 57.02 | 74.00 | -23.67 | 31.78 | 7.74 | 46.21 | 105 | 305 | Peak |
| 2390.000 | 43.32 | 50.01 | 54.00 | -10.68 | 31.78 | 7.74 | 46.21 | 105 | 305 | Average |
| 2437.000 | 100.11 | 106.63 | / | / | 31.87 | 7.81 | 46.20 | 105 | 305 | Peak |
| 2437.000 | 95.74 | 102.26 | / | / | 31.87 | 7.81 | 46.20 | 105 | 305 | Average |
| 2483.500 | 51.03 | 57.37 | 74.00 | -22.97 | 31.97 | 7.88 | 46.19 | 105 | 305 | Peak |
| 2483.500 | 43.37 | 49.71 | 54.00 | -10.63 | 31.97 | 7.88 | 46.19 | 105 | 305 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.00 | 57.57 | 74.00 | -23.00 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 44.03 | 50.60 | 54.00 | -9.97 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2437.000 | 104.93 | 111.33 | / | / | 31.99 | 7.81 | 46.20 | 100 | 315 | Peak |
| 2437.000 | 100.50 | 106.90 | / | / | 31.99 | 7.81 | 46.20 | 100 | 315 | Average |
| 2483.500 | 51.21 | 57.45 | 74.00 | -22.79 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 44.02 | 50.26 | 54.00 | -9.98 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.00 | 57.69 | 74.00 | -23.00 | 31.78 | 7.74 | 46.21 | 200 | 35 | Peak |
| 2390.000 | 43.52 | 50.21 | 54.00 | -10.48 | 31.78 | 7.74 | 46.21 | 200 | 35 | Average |
| 2462.000 | 98.02 | 104.45 | / | / | 31.92 | 7.84 | 46.19 | 200 | 35 | Peak |
| 2462.000 | 92.04 | 98.47 | / | / | 31.92 | 7.84 | 46.19 | 200 | 35 | Average |
| 2483.500 | 51.59 | 57.93 | 74.00 | -22.41 | 31.97 | 7.88 | 46.19 | 200 | 35 | Peak |
| 2483.500 | 43.85 | 50.19 | 54.00 | -10.15 | 31.97 | 7.88 | 46.19 | 200 | 35 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.58 | 58.15 | 74.00 | -22.42 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 44.31 | 50.88 | 54.00 | -9.69 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2462.000 | 104.27 | 110.59 | / | / | 32.03 | 7.84 | 46.19 | 100 | 315 | Peak |
| 2462.000 | 98.34 | 104.66 | / | / | 32.03 | 7.84 | 46.19 | 100 | 315 | Average |
| 2483.500 | 52.24 | 58.48 | 74.00 | -21.76 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 44.28 | 50.52 | 54.00 | -9.72 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



802.11ax (20MHz) (RU 242):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.47 | 58.16 | 74.00 | -22.53 | 31.78 | 7.74 | 46.21 | 188 | 32 | Peak |
| 2390.000 | 43.65 | 50.34 | 54.00 | -10.35 | 31.78 | 7.74 | 46.21 | 188 | 32 | Average |
| 2412.000 | 100.54 | 107.16 | / | / | 31.82 | 7.77 | 46.21 | 188 | 32 | Peak |
| 2412.000 | 94.28 | 100.90 | / | / | 31.82 | 7.77 | 46.21 | 188 | 32 | Average |
| 2483.500 | 49.95 | 56.29 | 74.00 | -24.05 | 31.97 | 7.88 | 46.19 | 188 | 32 | Peak |
| 2483.500 | 42.78 | 49.12 | 54.00 | -11.22 | 31.97 | 7.88 | 46.19 | 188 | 32 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 52.86 | 59.43 | 74.00 | -21.14 | 31.90 | 7.74 | 46.21 | 128 | 315 | Peak |
| 2390.000 | 45.05 | 51.62 | 54.00 | -8.95 | 31.90 | 7.74 | 46.21 | 128 | 315 | Average |
| 2412.000 | 103.19 | 109.69 | / | / | 31.94 | 7.77 | 46.21 | 128 | 315 | Peak |
| 2412.000 | 96.85 | 103.35 | / | / | 31.94 | 7.77 | 46.21 | 128 | 315 | Average |
| 2483.500 | 52.92 | 59.16 | 74.00 | -21.08 | 32.07 | 7.88 | 46.19 | 128 | 315 | Peak |
| 2483.500 | 42.55 | 48.79 | 54.00 | -11.45 | 32.07 | 7.88 | 46.19 | 128 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.70 | 57.39 | 74.00 | -23.30 | 31.78 | 7.74 | 46.21 | 105 | 305 | Peak |
| 2390.000 | 42.74 | 49.43 | 54.00 | -11.26 | 31.78 | 7.74 | 46.21 | 105 | 305 | Average |
| 2437.000 | 98.59 | 105.11 | / | / | 31.87 | 7.81 | 46.20 | 105 | 305 | Peak |
| 2437.000 | 92.35 | 98.87 | / | / | 31.87 | 7.81 | 46.20 | 105 | 305 | Average |
| 2483.500 | 50.37 | 56.71 | 74.00 | -23.63 | 31.97 | 7.88 | 46.19 | 105 | 305 | Peak |
| 2483.500 | 42.19 | 48.53 | 54.00 | -11.81 | 31.97 | 7.88 | 46.19 | 105 | 305 | Average |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.57 | 57.14 | 74.00 | -23.43 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 42.90 | 49.47 | 54.00 | -11.10 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2437.000 | 103.55 | 109.95 | / | / | 31.99 | 7.81 | 46.20 | 100 | 315 | Peak |
| 2437.000 | 97.24 | 103.64 | / | / | 31.99 | 7.81 | 46.20 | 100 | 315 | Average |
| 2483.500 | 52.25 | 58.49 | 74.00 | -21.75 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 42.81 | 49.05 | 54.00 | -11.19 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|--------------------------------|--------------------------|-----------------------|--------------------|-------------------------------|------------------------|---------------------------|----------------------------|-----------------------------|---------------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.81 | 57.50 | 74.00 | -23.19 | 31.78 | 7.74 | 46.21 | 100 | 305 | Peak |
| 2390.000 | 42.60 | 49.29 | 54.00 | -11.40 | 31.78 | 7.74 | 46.21 | 100 | 305 | Average |
| 2462.000 | 96.64 | 103.07 | / | / | 31.92 | 7.84 | 46.19 | 100 | 305 | Peak |
| 2462.000 | 89.56 | 95.99 | / | / | 31.92 | 7.84 | 46.19 | 100 | 305 | Average |
| 2483.500 | 50.24 | 56.58 | 74.00 | -23.76 | 31.97 | 7.88 | 46.19 | 100 | 305 | Peak |
| 2483.500 | 43.50 | 49.84 | 54.00 | -10.50 | 31.97 | 7.88 | 46.19 | 100 | 305 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.65 | 58.22 | 74.00 | -22.35 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 42.77 | 49.34 | 54.00 | -11.23 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2462.000 | 102.00 | 108.32 | / | / | 32.03 | 7.84 | 46.19 | 100 | 315 | Peak |
| 2462.000 | 95.62 | 101.94 | / | / | 32.03 | 7.84 | 46.19 | 100 | 315 | Average |
| 2483.500 | 53.38 | 59.62 | 74.00 | -20.62 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 43.90 | 50.14 | 54.00 | -10.10 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 3 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.88 | 59.57 | 74.00 | -21.12 | 31.78 | 7.74 | 46.21 | 100 | 305 | Peak |
| 2390.000 | 44.57 | 51.26 | 54.00 | -9.43 | 31.78 | 7.74 | 46.21 | 100 | 305 | Average |
| 2422.000 | 96.06 | 102.64 | / | / | 31.84 | 7.78 | 46.20 | 100 | 305 | Peak |
| 2422.000 | 88.86 | 95.44 | / | / | 31.84 | 7.78 | 46.20 | 100 | 305 | Average |
| 2483.500 | 51.24 | 57.58 | 74.00 | -22.76 | 31.97 | 7.88 | 46.19 | 100 | 305 | Peak |
| 2483.500 | 42.99 | 49.33 | 54.00 | -11.01 | 31.97 | 7.88 | 46.19 | 100 | 305 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 56.21 | 62.78 | 74.00 | -17.79 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 49.35 | 55.92 | 54.00 | -4.65 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2422.000 | 100.38 | 106.84 | / | / | 31.96 | 7.78 | 46.20 | 100 | 315 | Peak |
| 2422.000 | 93.37 | 99.83 | / | / | 31.96 | 7.78 | 46.20 | 100 | 315 | Average |
| 2483.500 | 49.56 | 55.80 | 74.00 | -24.44 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 43.03 | 49.27 | 54.00 | -10.97 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2422MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.56 | 57.25 | 74.00 | -23.44 | 31.78 | 7.74 | 46.21 | 100 | 305 | Peak |
| 2390.000 | 43.26 | 49.95 | 54.00 | -10.74 | 31.78 | 7.74 | 46.21 | 100 | 305 | Average |
| 2437.000 | 94.28 | 100.80 | / | / | 31.87 | 7.81 | 46.20 | 100 | 305 | Peak |
| 2437.000 | 86.69 | 93.21 | / | / | 31.87 | 7.81 | 46.20 | 100 | 305 | Average |
| 2483.500 | 50.64 | 56.98 | 74.00 | -23.36 | 31.97 | 7.88 | 46.19 | 100 | 305 | Peak |
| 2483.500 | 42.51 | 48.85 | 54.00 | -11.49 | 31.97 | 7.88 | 46.19 | 100 | 305 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.83 | 57.40 | 74.00 | -23.17 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 42.84 | 49.41 | 54.00 | -11.16 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2437.000 | 99.93 | 106.33 | / | / | 31.99 | 7.81 | 46.20 | 100 | 315 | Peak |
| 2437.000 | 92.84 | 99.24 | / | / | 31.99 | 7.81 | 46.20 | 100 | 315 | Average |
| 2483.500 | 49.77 | 56.01 | 74.00 | -24.23 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 42.94 | 49.18 | 54.00 | -11.06 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 9 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.26 | 56.95 | 74.00 | -23.74 | 31.78 | 7.74 | 46.21 | 100 | 305 | Peak |
| 2390.000 | 42.64 | 49.33 | 54.00 | -11.36 | 31.78 | 7.74 | 46.21 | 100 | 305 | Average |
| 2452.000 | 96.98 | 103.45 | / | / | 31.90 | 7.83 | 46.20 | 100 | 305 | Peak |
| 2452.000 | 89.80 | 96.27 | / | / | 31.90 | 7.83 | 46.20 | 100 | 305 | Average |
| 2483.500 | 50.97 | 57.31 | 74.00 | -23.03 | 31.97 | 7.88 | 46.19 | 100 | 305 | Peak |
| 2483.500 | 43.23 | 49.57 | 54.00 | -10.77 | 31.97 | 7.88 | 46.19 | 100 | 305 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.70 | 59.27 | 74.00 | -21.30 | 31.90 | 7.74 | 46.21 | 100 | 315 | Peak |
| 2390.000 | 43.74 | 50.31 | 54.00 | -10.26 | 31.90 | 7.74 | 46.21 | 100 | 315 | Average |
| 2452.000 | 101.24 | 107.60 | / | / | 32.01 | 7.83 | 46.20 | 100 | 315 | Peak |
| 2452.000 | 93.67 | 100.03 | / | / | 32.01 | 7.83 | 46.20 | 100 | 315 | Average |
| 2483.500 | 52.93 | 59.17 | 74.00 | -21.07 | 32.07 | 7.88 | 46.19 | 100 | 315 | Peak |
| 2483.500 | 45.34 | 51.58 | 54.00 | -8.66 | 32.07 | 7.88 | 46.19 | 100 | 315 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2452MHz: Fundamental frequency.



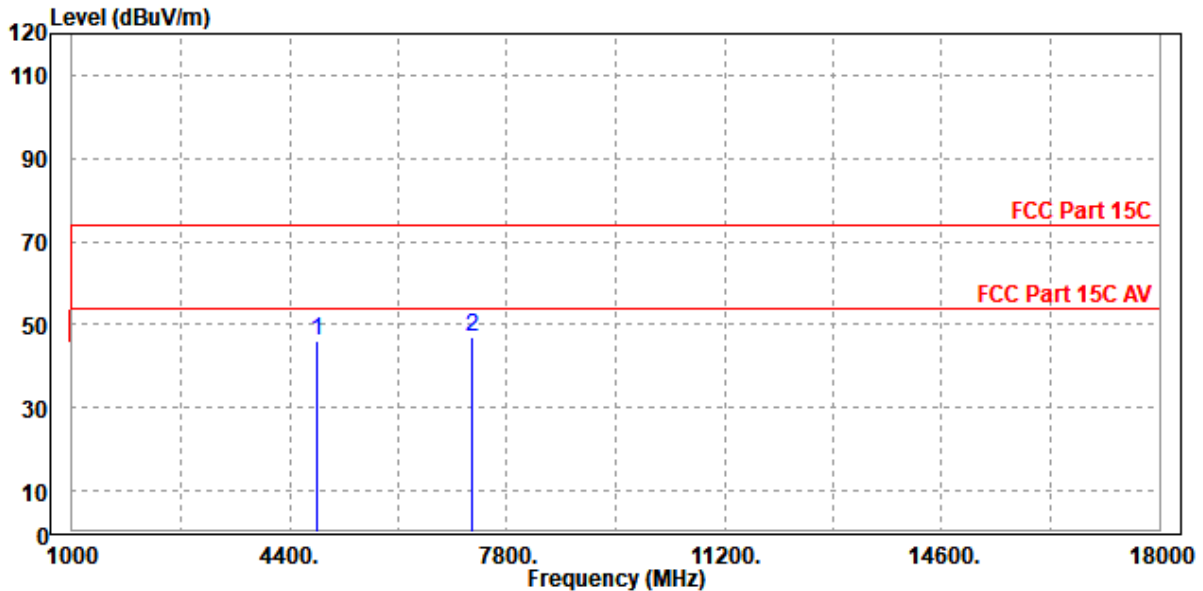
Worst case harmonic:

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 3 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

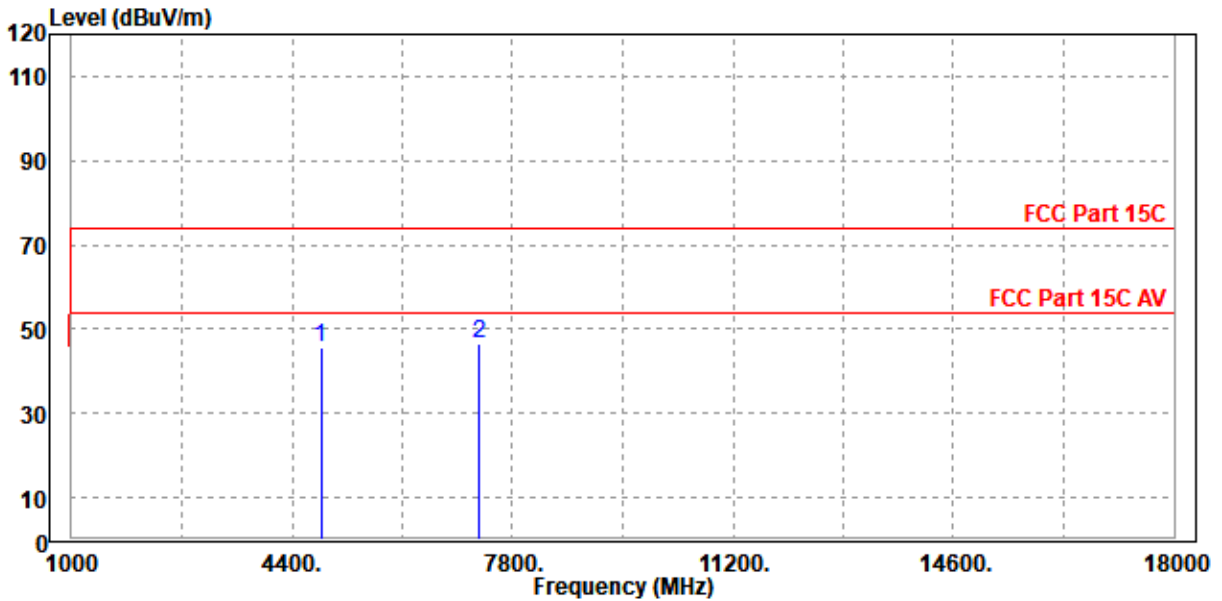
| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBuV/m | dBuV | dBuV/m | dB | dB/m | | |
| 1 | 4842.000 | 46.16 | 47.89 | 74.00 | -27.84 | -1.73 | Peak | Horizontal |
| 2 PP | 7266.000 | 47.02 | 44.63 | 74.00 | -26.98 | 2.39 | Peak | Horizontal |





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBuV/m | dBuV | dBuV/m | dB | dB/m | | |
| 1 | 4844.000 | 45.44 | 47.15 | 74.00 | -28.56 | -1.71 | Peak | Vertical |
| 2 | PP 7273.000 | 46.35 | 43.84 | 74.00 | -27.65 | 2.51 | Peak | Vertical |



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2422MHz: Fundamental frequency.
- For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF02

MIMO

802.11b:

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.94 | 58.63 | 74.00 | -22.06 | 31.78 | 7.74 | 46.21 | 108 | 95 | Peak |
| 2390.000 | 45.23 | 51.92 | 54.00 | -8.77 | 31.78 | 7.74 | 46.21 | 108 | 95 | Average |
| 2412.000 | 97.07 | 103.69 | / | / | 31.82 | 7.77 | 46.21 | 108 | 95 | Peak |
| 2412.000 | 95.60 | 102.22 | / | / | 31.82 | 7.77 | 46.21 | 108 | 95 | Average |
| 2483.500 | 53.18 | 59.52 | 74.00 | -20.82 | 31.97 | 7.88 | 46.19 | 108 | 95 | Peak |
| 2483.500 | 44.46 | 50.80 | 54.00 | -9.54 | 31.97 | 7.88 | 46.19 | 108 | 95 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 53.04 | 59.61 | 74.00 | -20.96 | 31.90 | 7.74 | 46.21 | 120 | 300 | Peak |
| 2390.000 | 46.03 | 52.60 | 54.00 | -7.97 | 31.90 | 7.74 | 46.21 | 120 | 300 | Average |
| 2412.000 | 106.78 | 113.28 | / | / | 31.94 | 7.77 | 46.21 | 120 | 300 | Peak |
| 2412.000 | 105.40 | 111.90 | / | / | 31.94 | 7.77 | 46.21 | 120 | 300 | Average |
| 2483.500 | 53.64 | 59.88 | 74.00 | -20.36 | 32.07 | 7.88 | 46.19 | 120 | 300 | Peak |
| 2483.500 | 45.47 | 51.71 | 54.00 | -8.53 | 32.07 | 7.88 | 46.19 | 120 | 300 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.58 | 58.27 | 74.00 | -22.42 | 31.78 | 7.74 | 46.21 | 108 | 95 | Peak |
| 2390.000 | 44.60 | 51.29 | 54.00 | -9.40 | 31.78 | 7.74 | 46.21 | 108 | 95 | Average |
| 2437.000 | 96.48 | 103.00 | / | / | 31.87 | 7.81 | 46.20 | 108 | 95 | Peak |
| 2437.000 | 95.47 | 101.99 | / | / | 31.87 | 7.81 | 46.20 | 108 | 95 | Average |
| 2483.500 | 52.61 | 58.95 | 74.00 | -21.39 | 31.97 | 7.88 | 46.19 | 108 | 95 | Peak |
| 2483.500 | 45.98 | 52.32 | 54.00 | -8.02 | 31.97 | 7.88 | 46.19 | 108 | 95 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 52.08 | 58.65 | 74.00 | -21.92 | 31.90 | 7.74 | 46.21 | 110 | 300 | Peak |
| 2390.000 | 44.79 | 51.36 | 54.00 | -9.21 | 31.90 | 7.74 | 46.21 | 110 | 300 | Average |
| 2437.000 | 105.47 | 111.87 | / | / | 31.99 | 7.81 | 46.20 | 110 | 300 | Peak |
| 2437.000 | 104.24 | 110.64 | / | / | 31.99 | 7.81 | 46.20 | 110 | 300 | Average |
| 2483.500 | 52.12 | 58.36 | 74.00 | -21.88 | 32.07 | 7.88 | 46.19 | 110 | 300 | Peak |
| 2483.500 | 45.96 | 52.20 | 54.00 | -8.04 | 32.07 | 7.88 | 46.19 | 110 | 300 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.08 | 57.77 | 74.00 | -22.92 | 31.78 | 7.74 | 46.21 | 179 | 312 | Peak |
| 2390.000 | 45.06 | 51.75 | 54.00 | -8.94 | 31.78 | 7.74 | 46.21 | 179 | 312 | Average |
| 2462.000 | 96.21 | 102.64 | / | / | 31.92 | 7.84 | 46.19 | 179 | 312 | Peak |
| 2462.000 | 94.84 | 101.27 | / | / | 31.92 | 7.84 | 46.19 | 179 | 312 | Average |
| 2483.500 | 52.85 | 59.19 | 74.00 | -21.15 | 31.97 | 7.88 | 46.19 | 179 | 312 | Peak |
| 2483.500 | 45.20 | 51.54 | 54.00 | -8.80 | 31.97 | 7.88 | 46.19 | 179 | 312 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.32 | 57.89 | 74.00 | -22.68 | 31.90 | 7.74 | 46.21 | 100 | 303 | Peak |
| 2390.000 | 44.88 | 51.45 | 54.00 | -9.12 | 31.90 | 7.74 | 46.21 | 100 | 303 | Average |
| 2462.000 | 106.10 | 112.42 | / | / | 32.03 | 7.84 | 46.19 | 100 | 303 | Peak |
| 2462.000 | 104.68 | 111.00 | / | / | 32.03 | 7.84 | 46.19 | 100 | 303 | Average |
| 2483.500 | 54.23 | 60.47 | 74.00 | -19.77 | 32.07 | 7.88 | 46.19 | 100 | 303 | Peak |
| 2483.500 | 46.07 | 52.31 | 54.00 | -7.93 | 32.07 | 7.88 | 46.19 | 100 | 303 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2462MHz: Fundamental frequency.



802.11g

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 53.33 | 60.02 | 74.00 | -20.67 | 31.78 | 7.74 | 46.21 | 100 | 97 | Peak |
| 2390.000 | 45.20 | 51.89 | 54.00 | -8.80 | 31.78 | 7.74 | 46.21 | 100 | 97 | Average |
| 2412.000 | 98.12 | 104.74 | / | / | 31.82 | 7.77 | 46.21 | 100 | 97 | Peak |
| 2412.000 | 92.24 | 98.86 | / | / | 31.82 | 7.77 | 46.21 | 100 | 97 | Average |
| 2483.500 | 51.85 | 58.19 | 74.00 | -22.15 | 31.97 | 7.88 | 46.19 | 100 | 97 | Peak |
| 2483.500 | 44.91 | 51.25 | 54.00 | -9.09 | 31.97 | 7.88 | 46.19 | 100 | 97 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 58.94 | 65.51 | 74.00 | -15.06 | 31.90 | 7.74 | 46.21 | 120 | 300 | Peak |
| 2390.000 | 49.10 | 55.67 | 54.00 | -4.90 | 31.90 | 7.74 | 46.21 | 120 | 300 | Average |
| 2412.000 | 109.04 | 115.54 | / | / | 31.94 | 7.77 | 46.21 | 120 | 300 | Peak |
| 2412.000 | 102.48 | 108.98 | / | / | 31.94 | 7.77 | 46.21 | 120 | 300 | Average |
| 2483.500 | 54.36 | 60.60 | 74.00 | -19.64 | 32.07 | 7.88 | 46.19 | 120 | 300 | Peak |
| 2483.500 | 45.01 | 51.25 | 54.00 | -8.99 | 32.07 | 7.88 | 46.19 | 120 | 300 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.01 | 58.70 | 74.00 | -21.99 | 31.78 | 7.74 | 46.21 | 103 | 165 | Peak |
| 2390.000 | 44.51 | 51.20 | 54.00 | -9.49 | 31.78 | 7.74 | 46.21 | 103 | 165 | Average |
| 2437.000 | 100.06 | 106.58 | / | / | 31.87 | 7.81 | 46.20 | 103 | 165 | Peak |
| 2437.000 | 93.61 | 100.13 | / | / | 31.87 | 7.81 | 46.20 | 103 | 165 | Average |
| 2483.500 | 52.29 | 58.63 | 74.00 | -21.71 | 31.97 | 7.88 | 46.19 | 103 | 165 | Peak |
| 2483.500 | 44.94 | 51.28 | 54.00 | -9.06 | 31.97 | 7.88 | 46.19 | 103 | 165 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.81 | 59.38 | 74.00 | -21.19 | 31.90 | 7.74 | 46.21 | 108 | 305 | Peak |
| 2390.000 | 45.53 | 52.10 | 54.00 | -8.47 | 31.90 | 7.74 | 46.21 | 108 | 305 | Average |
| 2437.000 | 110.51 | 116.91 | / | / | 31.99 | 7.81 | 46.20 | 108 | 305 | Peak |
| 2437.000 | 103.53 | 109.93 | / | / | 31.99 | 7.81 | 46.20 | 108 | 305 | Average |
| 2483.500 | 53.72 | 59.96 | 74.00 | -20.28 | 32.07 | 7.88 | 46.19 | 108 | 305 | Peak |
| 2483.500 | 45.58 | 51.82 | 54.00 | -8.42 | 32.07 | 7.88 | 46.19 | 108 | 305 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.89 | 58.58 | 74.00 | -22.11 | 31.78 | 7.74 | 46.21 | 180 | 312 | Peak |
| 2390.000 | 45.42 | 52.11 | 54.00 | -8.58 | 31.78 | 7.74 | 46.21 | 180 | 312 | Average |
| 2462.000 | 100.88 | 107.31 | / | / | 31.92 | 7.84 | 46.19 | 180 | 312 | Peak |
| 2462.000 | 94.10 | 100.53 | / | / | 31.92 | 7.84 | 46.19 | 180 | 312 | Average |
| 2483.500 | 52.74 | 59.08 | 74.00 | -21.26 | 31.97 | 7.88 | 46.19 | 180 | 312 | Peak |
| 2483.500 | 45.62 | 51.96 | 54.00 | -8.38 | 31.97 | 7.88 | 46.19 | 180 | 312 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.76 | 58.33 | 74.00 | -22.24 | 31.90 | 7.74 | 46.21 | 100 | 300 | Peak |
| 2390.000 | 44.98 | 51.55 | 54.00 | -9.02 | 31.90 | 7.74 | 46.21 | 100 | 300 | Average |
| 2462.000 | 110.80 | 117.12 | / | / | 32.03 | 7.84 | 46.19 | 100 | 300 | Peak |
| 2462.000 | 103.89 | 110.21 | / | / | 32.03 | 7.84 | 46.19 | 100 | 300 | Average |
| 2483.500 | 57.69 | 63.93 | 74.00 | -16.31 | 32.07 | 7.88 | 46.19 | 100 | 300 | Peak |
| 2483.500 | 48.90 | 55.14 | 54.00 | -5.10 | 32.07 | 7.88 | 46.19 | 100 | 300 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



802.11n (20MHz)

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 53.46 | 60.15 | 74.00 | -20.54 | 31.78 | 7.74 | 46.21 | 171 | 89 | Peak |
| 2390.000 | 45.03 | 51.72 | 54.00 | -8.97 | 31.78 | 7.74 | 46.21 | 171 | 89 | Average |
| 2412.000 | 98.56 | 105.18 | / | / | 31.82 | 7.77 | 46.21 | 171 | 89 | Peak |
| 2412.000 | 91.16 | 97.78 | / | / | 31.82 | 7.77 | 46.21 | 171 | 89 | Average |
| 2483.500 | 54.02 | 60.36 | 74.00 | -19.98 | 31.97 | 7.88 | 46.19 | 171 | 89 | Peak |
| 2483.500 | 45.19 | 51.53 | 54.00 | -8.81 | 31.97 | 7.88 | 46.19 | 171 | 89 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 58.79 | 65.36 | 74.00 | -15.21 | 31.90 | 7.74 | 46.21 | 115 | 300 | Peak |
| 2390.000 | 50.81 | 57.38 | 54.00 | -3.19 | 31.90 | 7.74 | 46.21 | 115 | 300 | Average |
| 2412.000 | 107.77 | 114.27 | / | / | 31.94 | 7.77 | 46.21 | 115 | 300 | Peak |
| 2412.000 | 100.75 | 107.25 | / | / | 31.94 | 7.77 | 46.21 | 115 | 300 | Average |
| 2483.500 | 52.64 | 58.88 | 74.00 | -21.36 | 32.07 | 7.88 | 46.19 | 115 | 300 | Peak |
| 2483.500 | 45.00 | 51.24 | 54.00 | -9.00 | 32.07 | 7.88 | 46.19 | 115 | 300 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.78 | 58.47 | 74.00 | -22.22 | 31.78 | 7.74 | 46.21 | 100 | 95 | Peak |
| 2390.000 | 44.64 | 51.33 | 54.00 | -9.36 | 31.78 | 7.74 | 46.21 | 100 | 95 | Average |
| 2437.000 | 96.34 | 102.86 | / | / | 31.87 | 7.81 | 46.20 | 100 | 95 | Peak |
| 2437.000 | 89.97 | 96.49 | / | / | 31.87 | 7.81 | 46.20 | 100 | 95 | Average |
| 2483.500 | 52.49 | 58.83 | 74.00 | -21.51 | 31.97 | 7.88 | 46.19 | 100 | 95 | Peak |
| 2483.500 | 44.59 | 50.93 | 54.00 | -9.41 | 31.97 | 7.88 | 46.19 | 100 | 95 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 52.44 | 59.01 | 74.00 | -21.56 | 31.90 | 7.74 | 46.21 | 108 | 308 | Peak |
| 2390.000 | 44.96 | 51.53 | 54.00 | -9.04 | 31.90 | 7.74 | 46.21 | 108 | 308 | Average |
| 2437.000 | 105.67 | 112.07 | / | / | 31.99 | 7.81 | 46.20 | 108 | 308 | Peak |
| 2437.000 | 99.47 | 105.87 | / | / | 31.99 | 7.81 | 46.20 | 108 | 308 | Average |
| 2483.500 | 53.41 | 59.65 | 74.00 | -20.59 | 32.07 | 7.88 | 46.19 | 108 | 308 | Peak |
| 2483.500 | 45.22 | 51.46 | 54.00 | -8.78 | 32.07 | 7.88 | 46.19 | 108 | 308 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.54 | 58.23 | 74.00 | -22.46 | 31.78 | 7.74 | 46.21 | 200 | 315 | Peak |
| 2390.000 | 44.54 | 51.23 | 54.00 | -9.46 | 31.78 | 7.74 | 46.21 | 200 | 315 | Average |
| 2462.000 | 97.06 | 103.49 | / | / | 31.92 | 7.84 | 46.19 | 200 | 315 | Peak |
| 2462.000 | 90.79 | 97.22 | / | / | 31.92 | 7.84 | 46.19 | 200 | 315 | Average |
| 2483.500 | 52.12 | 58.46 | 74.00 | -21.88 | 31.97 | 7.88 | 46.19 | 200 | 315 | Peak |
| 2483.500 | 45.36 | 51.70 | 54.00 | -8.64 | 31.97 | 7.88 | 46.19 | 200 | 315 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.97 | 58.54 | 74.00 | -22.03 | 31.90 | 7.74 | 46.21 | 100 | 301 | Peak |
| 2390.000 | 44.68 | 51.25 | 54.00 | -9.32 | 31.90 | 7.74 | 46.21 | 100 | 301 | Average |
| 2462.000 | 107.81 | 114.13 | / | / | 32.03 | 7.84 | 46.19 | 100 | 301 | Peak |
| 2462.000 | 101.84 | 108.16 | / | / | 32.03 | 7.84 | 46.19 | 100 | 301 | Average |
| 2483.500 | 58.20 | 64.44 | 74.00 | -15.80 | 32.07 | 7.88 | 46.19 | 100 | 301 | Peak |
| 2483.500 | 49.43 | 55.67 | 54.00 | -4.57 | 32.07 | 7.88 | 46.19 | 100 | 301 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11n (40MHz)

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 3 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 53.02 | 59.71 | 74.00 | -20.98 | 31.78 | 7.74 | 46.21 | 100 | 95 | Peak |
| 2390.000 | 45.33 | 52.02 | 54.00 | -8.67 | 31.78 | 7.74 | 46.21 | 100 | 95 | Average |
| 2422.000 | 92.14 | 98.72 | / | / | 31.84 | 7.78 | 46.20 | 100 | 95 | Peak |
| 2422.000 | 87.25 | 93.83 | / | / | 31.84 | 7.78 | 46.20 | 100 | 95 | Average |
| 2483.500 | 52.25 | 58.59 | 74.00 | -21.75 | 31.97 | 7.88 | 46.19 | 100 | 95 | Peak |
| 2483.500 | 44.95 | 51.29 | 54.00 | -9.05 | 31.97 | 7.88 | 46.19 | 100 | 95 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 58.10 | 64.67 | 74.00 | -15.90 | 31.90 | 7.74 | 46.21 | 115 | 309 | Peak |
| 2390.000 | 50.93 | 57.50 | 54.00 | -3.07 | 31.90 | 7.74 | 46.21 | 115 | 309 | Average |
| 2422.000 | 102.58 | 109.04 | / | / | 31.96 | 7.78 | 46.20 | 115 | 309 | Peak |
| 2422.000 | 96.93 | 103.39 | / | / | 31.96 | 7.78 | 46.20 | 115 | 309 | Average |
| 2483.500 | 51.93 | 58.17 | 74.00 | -22.07 | 32.07 | 7.88 | 46.19 | 115 | 309 | Peak |
| 2483.500 | 46.07 | 52.31 | 54.00 | -7.93 | 32.07 | 7.88 | 46.19 | 115 | 309 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2422MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 53.26 | 59.95 | 74.00 | -20.74 | 31.78 | 7.74 | 46.21 | 100 | 95 | Peak |
| 2390.000 | 44.88 | 51.57 | 54.00 | -9.12 | 31.78 | 7.74 | 46.21 | 100 | 95 | Average |
| 2437.000 | 91.64 | 98.16 | / | / | 31.87 | 7.81 | 46.20 | 100 | 95 | Peak |
| 2437.000 | 88.27 | 94.79 | / | / | 31.87 | 7.81 | 46.20 | 100 | 95 | Average |
| 2483.500 | 54.38 | 60.72 | 74.00 | -19.62 | 31.97 | 7.88 | 46.19 | 100 | 95 | Peak |
| 2483.500 | 44.81 | 51.15 | 54.00 | -9.19 | 31.97 | 7.88 | 46.19 | 100 | 95 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 54.72 | 61.29 | 74.00 | -19.28 | 31.90 | 7.74 | 46.21 | 108 | 309 | Peak |
| 2390.000 | 48.09 | 54.66 | 54.00 | -5.91 | 31.90 | 7.74 | 46.21 | 108 | 309 | Average |
| 2437.000 | 101.65 | 108.05 | / | / | 31.99 | 7.81 | 46.20 | 108 | 309 | Peak |
| 2437.000 | 96.56 | 102.96 | / | / | 31.99 | 7.81 | 46.20 | 108 | 309 | Average |
| 2483.500 | 53.86 | 60.10 | 74.00 | -20.14 | 32.07 | 7.88 | 46.19 | 108 | 309 | Peak |
| 2483.500 | 45.83 | 52.07 | 54.00 | -8.17 | 32.07 | 7.88 | 46.19 | 108 | 309 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF02

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 9 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.20 | 58.89 | 74.00 | -21.80 | 31.78 | 7.74 | 46.21 | 125 | 318 | Peak |
| 2390.000 | 45.02 | 51.71 | 54.00 | -8.98 | 31.78 | 7.74 | 46.21 | 125 | 318 | Average |
| 2452.000 | 92.12 | 98.59 | / | / | 31.90 | 7.83 | 46.20 | 125 | 318 | Peak |
| 2452.000 | 86.28 | 92.75 | / | / | 31.90 | 7.83 | 46.20 | 125 | 318 | Average |
| 2483.500 | 52.64 | 58.98 | 74.00 | -21.36 | 31.97 | 7.88 | 46.19 | 125 | 318 | Peak |
| 2483.500 | 45.50 | 51.84 | 54.00 | -8.50 | 31.97 | 7.88 | 46.19 | 125 | 318 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 54.12 | 60.69 | 74.00 | -19.88 | 31.90 | 7.74 | 46.21 | 100 | 305 | Peak |
| 2390.000 | 45.35 | 51.92 | 54.00 | -8.65 | 31.90 | 7.74 | 46.21 | 100 | 305 | Average |
| 2452.000 | 101.91 | 108.27 | / | / | 32.01 | 7.83 | 46.20 | 100 | 305 | Peak |
| 2452.000 | 98.28 | 104.64 | / | / | 32.01 | 7.83 | 46.20 | 100 | 305 | Average |
| 2483.500 | 59.03 | 65.27 | 74.00 | -14.97 | 32.07 | 7.88 | 46.19 | 100 | 305 | Peak |
| 2483.500 | 50.90 | 57.14 | 54.00 | -3.10 | 32.07 | 7.88 | 46.19 | 100 | 305 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2452MHz: Fundamental frequency.



802.11ax (20MHz)

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 52.01 | 58.70 | 74.00 | -21.99 | 31.78 | 7.74 | 46.21 | 185 | 310 | Peak |
| 2390.000 | 44.55 | 51.24 | 54.00 | -9.45 | 31.78 | 7.74 | 46.21 | 185 | 310 | Average |
| 2412.000 | 99.02 | 105.64 | / | / | 31.82 | 7.77 | 46.21 | 185 | 310 | Peak |
| 2412.000 | 91.35 | 97.97 | / | / | 31.82 | 7.77 | 46.21 | 185 | 310 | Average |
| 2483.500 | 51.72 | 58.06 | 74.00 | -22.28 | 31.97 | 7.88 | 46.19 | 185 | 310 | Peak |
| 2483.500 | 45.38 | 51.72 | 54.00 | -8.62 | 31.97 | 7.88 | 46.19 | 185 | 310 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 56.27 | 62.84 | 74.00 | -17.73 | 31.90 | 7.74 | 46.21 | 140 | 295 | Peak |
| 2390.000 | 47.64 | 54.21 | 54.00 | -6.36 | 31.90 | 7.74 | 46.21 | 140 | 295 | Average |
| 2412.000 | 106.62 | 113.12 | / | / | 31.94 | 7.77 | 46.21 | 140 | 295 | Peak |
| 2412.000 | 99.00 | 105.50 | / | / | 31.94 | 7.77 | 46.21 | 140 | 295 | Average |
| 2483.500 | 52.82 | 59.06 | 74.00 | -21.18 | 32.07 | 7.88 | 46.19 | 140 | 295 | Peak |
| 2483.500 | 45.19 | 51.43 | 54.00 | -8.81 | 32.07 | 7.88 | 46.19 | 140 | 295 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.62 | 58.31 | 74.00 | -22.38 | 31.78 | 7.74 | 46.21 | 183 | 310 | Peak |
| 2390.000 | 45.15 | 51.84 | 54.00 | -8.85 | 31.78 | 7.74 | 46.21 | 183 | 310 | Average |
| 2437.000 | 98.92 | 105.44 | / | / | 31.87 | 7.81 | 46.20 | 183 | 310 | Peak |
| 2437.000 | 91.67 | 98.19 | / | / | 31.87 | 7.81 | 46.20 | 183 | 310 | Average |
| 2483.500 | 52.51 | 58.85 | 74.00 | -21.49 | 31.97 | 7.88 | 46.19 | 183 | 310 | Peak |
| 2483.500 | 45.09 | 51.43 | 54.00 | -8.91 | 31.97 | 7.88 | 46.19 | 183 | 310 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.82 | 58.39 | 74.00 | -22.18 | 31.90 | 7.74 | 46.21 | 125 | 290 | Peak |
| 2390.000 | 45.36 | 51.93 | 54.00 | -8.64 | 31.90 | 7.74 | 46.21 | 125 | 290 | Average |
| 2437.000 | 106.17 | 112.57 | / | / | 31.99 | 7.81 | 46.20 | 125 | 290 | Peak |
| 2437.000 | 99.19 | 105.59 | / | / | 31.99 | 7.81 | 46.20 | 125 | 290 | Average |
| 2483.500 | 52.70 | 58.94 | 74.00 | -21.30 | 32.07 | 7.88 | 46.19 | 125 | 290 | Peak |
| 2483.500 | 45.17 | 51.41 | 54.00 | -8.83 | 32.07 | 7.88 | 46.19 | 125 | 290 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.00 | 58.69 | 74.00 | -22.00 | 31.78 | 7.74 | 46.21 | 118 | 95 | Peak |
| 2390.000 | 44.57 | 51.26 | 54.00 | -9.43 | 31.78 | 7.74 | 46.21 | 118 | 95 | Average |
| 2462.000 | 99.30 | 105.73 | / | / | 31.92 | 7.84 | 46.19 | 118 | 95 | Peak |
| 2462.000 | 91.62 | 98.05 | / | / | 31.92 | 7.84 | 46.19 | 118 | 95 | Average |
| 2483.500 | 52.58 | 58.92 | 74.00 | -21.42 | 31.97 | 7.88 | 46.19 | 118 | 95 | Peak |
| 2483.500 | 45.00 | 51.34 | 54.00 | -9.00 | 31.97 | 7.88 | 46.19 | 118 | 95 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.96 | 58.53 | 74.00 | -22.04 | 31.90 | 7.74 | 46.21 | 105 | 300 | Peak |
| 2390.000 | 44.69 | 51.26 | 54.00 | -9.31 | 31.90 | 7.74 | 46.21 | 105 | 300 | Average |
| 2462.000 | 107.68 | 114.00 | / | / | 32.03 | 7.84 | 46.19 | 105 | 300 | Peak |
| 2462.000 | 101.18 | 107.50 | / | / | 32.03 | 7.84 | 46.19 | 105 | 300 | Average |
| 2483.500 | 58.15 | 64.39 | 74.00 | -15.85 | 32.07 | 7.88 | 46.19 | 105 | 300 | Peak |
| 2483.500 | 49.00 | 55.24 | 54.00 | -5.00 | 32.07 | 7.88 | 46.19 | 105 | 300 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz)

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 3 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 54.03 | 60.72 | 74.00 | -19.97 | 31.78 | 7.74 | 46.21 | 118 | 93 | Peak |
| 2390.000 | 46.09 | 52.78 | 54.00 | -7.91 | 31.78 | 7.74 | 46.21 | 118 | 93 | Average |
| 2422.000 | 94.59 | 101.17 | / | / | 31.84 | 7.78 | 46.20 | 118 | 93 | Peak |
| 2422.000 | 86.78 | 93.36 | / | / | 31.84 | 7.78 | 46.20 | 118 | 93 | Average |
| 2483.500 | 52.36 | 58.70 | 74.00 | -21.64 | 31.97 | 7.88 | 46.19 | 118 | 93 | Peak |
| 2483.500 | 44.78 | 51.12 | 54.00 | -9.22 | 31.97 | 7.88 | 46.19 | 118 | 93 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 57.83 | 64.40 | 74.00 | -16.17 | 31.90 | 7.74 | 46.21 | 118 | 310 | Peak |
| 2390.000 | 50.87 | 57.44 | 54.00 | -3.13 | 31.90 | 7.74 | 46.21 | 118 | 310 | Average |
| 2422.000 | 103.02 | 109.48 | / | / | 31.96 | 7.78 | 46.20 | 118 | 310 | Peak |
| 2422.000 | 95.27 | 101.73 | / | / | 31.96 | 7.78 | 46.20 | 118 | 310 | Average |
| 2483.500 | 52.12 | 58.36 | 74.00 | -21.88 | 32.07 | 7.88 | 46.19 | 118 | 310 | Peak |
| 2483.500 | 45.19 | 51.43 | 54.00 | -8.81 | 32.07 | 7.88 | 46.19 | 118 | 310 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2422MHz: Fundamental frequency.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF02

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.78 | 58.47 | 74.00 | -22.22 | 31.78 | 7.74 | 46.21 | 103 | 93 | Peak |
| 2390.000 | 45.29 | 51.98 | 54.00 | -8.71 | 31.78 | 7.74 | 46.21 | 103 | 93 | Average |
| 2437.000 | 95.17 | 101.69 | / | / | 31.87 | 7.81 | 46.20 | 103 | 93 | Peak |
| 2437.000 | 87.44 | 93.96 | / | / | 31.87 | 7.81 | 46.20 | 103 | 93 | Average |
| 2483.500 | 52.17 | 58.51 | 74.00 | -21.83 | 31.97 | 7.88 | 46.19 | 103 | 93 | Peak |
| 2483.500 | 44.70 | 51.04 | 54.00 | -9.30 | 31.97 | 7.88 | 46.19 | 103 | 93 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 53.94 | 60.51 | 74.00 | -20.06 | 31.90 | 7.74 | 46.21 | 100 | 281 | Peak |
| 2390.000 | 46.34 | 52.91 | 54.00 | -7.66 | 31.90 | 7.74 | 46.21 | 100 | 281 | Average |
| 2437.000 | 104.69 | 111.09 | / | / | 31.99 | 7.81 | 46.20 | 100 | 281 | Peak |
| 2437.000 | 95.62 | 102.02 | / | / | 31.99 | 7.81 | 46.20 | 100 | 281 | Average |
| 2483.500 | 55.73 | 61.97 | 74.00 | -18.27 | 32.07 | 7.88 | 46.19 | 100 | 281 | Peak |
| 2483.500 | 47.49 | 53.73 | 54.00 | -6.51 | 32.07 | 7.88 | 46.19 | 100 | 281 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF02

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 9 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.03 | 58.72 | 74.00 | -21.97 | 31.78 | 7.74 | 46.21 | 125 | 318 | Peak |
| 2390.000 | 44.95 | 51.64 | 54.00 | -9.05 | 31.78 | 7.74 | 46.21 | 125 | 318 | Average |
| 2452.000 | 92.92 | 99.39 | / | / | 31.90 | 7.83 | 46.20 | 125 | 318 | Peak |
| 2452.000 | 85.31 | 91.78 | / | / | 31.90 | 7.83 | 46.20 | 125 | 318 | Average |
| 2483.500 | 52.43 | 58.77 | 74.00 | -21.57 | 31.97 | 7.88 | 46.19 | 125 | 318 | Peak |
| 2483.500 | 45.38 | 51.72 | 54.00 | -8.62 | 31.97 | 7.88 | 46.19 | 125 | 318 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.97 | 58.54 | 74.00 | -22.03 | 31.90 | 7.74 | 46.21 | 100 | 300 | Peak |
| 2390.000 | 44.80 | 51.37 | 54.00 | -9.20 | 31.90 | 7.74 | 46.21 | 100 | 300 | Average |
| 2452.000 | 104.15 | 110.51 | / | / | 32.01 | 7.83 | 46.20 | 100 | 300 | Peak |
| 2452.000 | 95.98 | 102.34 | / | / | 32.01 | 7.83 | 46.20 | 100 | 300 | Average |
| 2483.500 | 59.62 | 65.86 | 74.00 | -14.38 | 32.07 | 7.88 | 46.19 | 100 | 300 | Peak |
| 2483.500 | 50.95 | 57.19 | 54.00 | -3.05 | 32.07 | 7.88 | 46.19 | 100 | 300 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2452MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

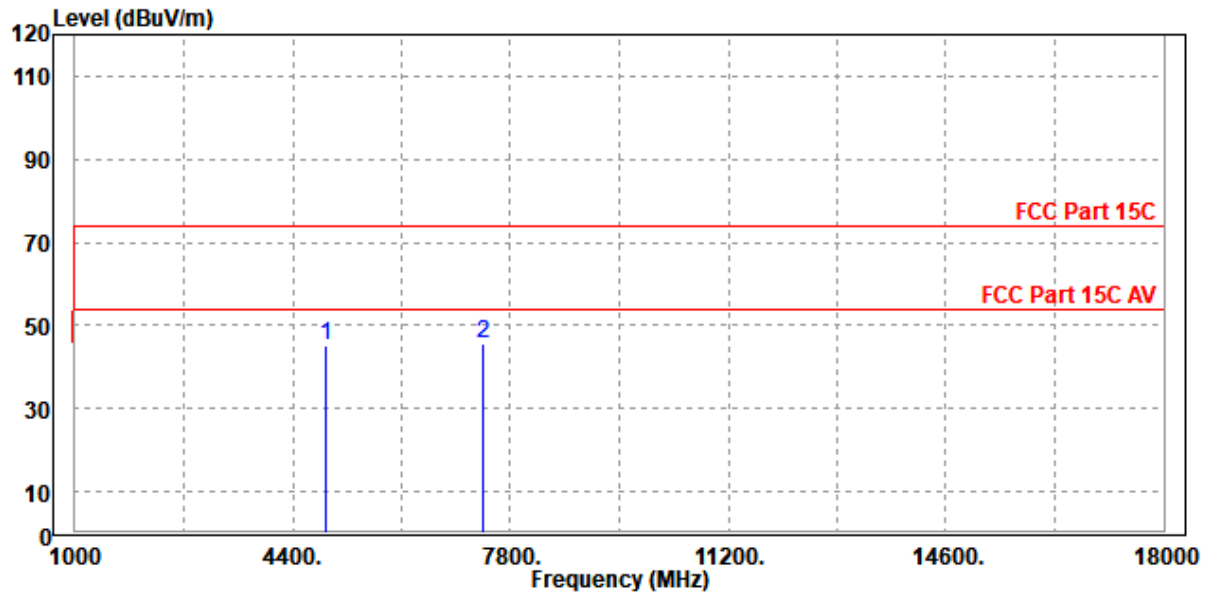
Worst case harmonic:

802.11ax (40MHz)

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 9 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

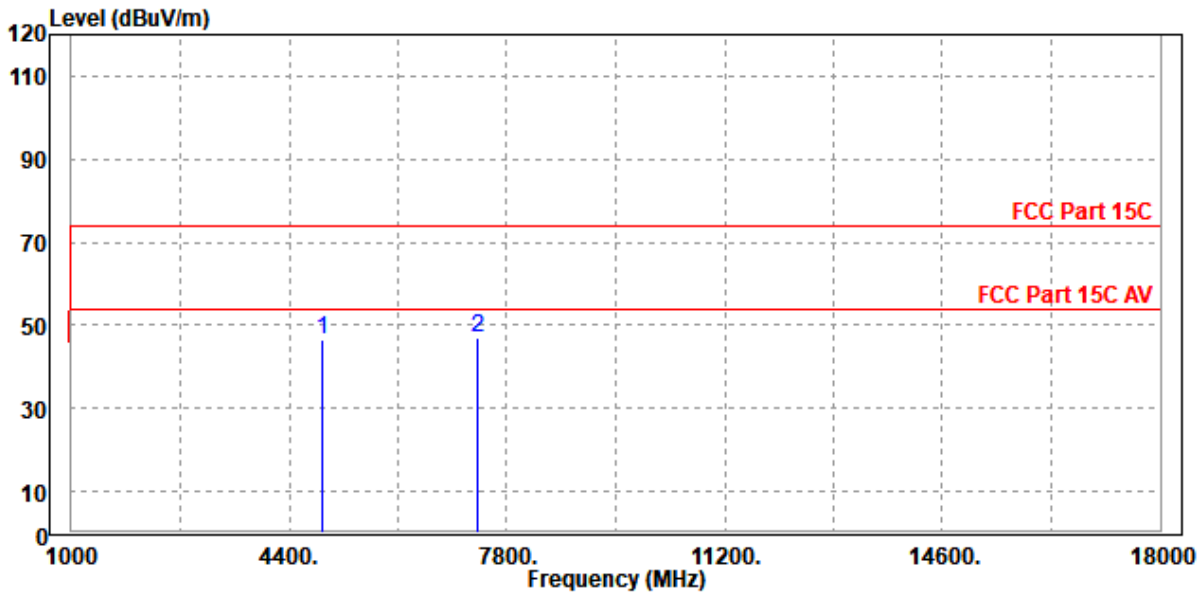
| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBuV/m | dBuV | dBuV/m | dB | dB/m | | |
| 1 | 4904.000 | 45.33 | 46.88 | 74.00 | -28.67 | -1.55 | Peak | Horizontal |
| 2 | PP 7358.000 | 45.63 | 43.00 | 74.00 | -28.37 | 2.63 | Peak | Horizontal |





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBuV/m | dBuV | dBuV/m | dB | dB/m | | |
| 1 | 4910.000 | 46.74 | 48.23 | 74.00 | -27.26 | -1.49 | Peak | Vertical |
| 2 | PP 7356.000 | 47.12 | 44.40 | 74.00 | -26.88 | 2.72 | Peak | Vertical |



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2452MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

2.4G WIFI-RU

802.11ax (20MHz) (RU26):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 50.87 | 57.56 | 74.00 | -23.13 | 31.78 | 7.74 | 46.21 | 108 | 318 | Peak |
| 2390.000 | 43.95 | 50.64 | 54.00 | -10.05 | 31.78 | 7.74 | 46.21 | 108 | 318 | Average |
| 2412.000 | 103.36 | 109.98 | / | / | 31.82 | 7.77 | 46.21 | 108 | 318 | Peak |
| 2412.000 | 97.16 | 103.78 | / | / | 31.82 | 7.77 | 46.21 | 108 | 318 | Average |
| 2483.500 | 51.94 | 58.28 | 74.00 | -22.06 | 31.97 | 7.88 | 46.19 | 108 | 318 | Peak |
| 2483.500 | 43.93 | 50.27 | 54.00 | -10.07 | 31.97 | 7.88 | 46.19 | 108 | 318 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.86 | 58.43 | 74.00 | -22.14 | 31.90 | 7.74 | 46.21 | 125 | 323 | Peak |
| 2390.000 | 44.63 | 51.20 | 54.00 | -9.37 | 31.90 | 7.74 | 46.21 | 125 | 323 | Average |
| 2412.000 | 107.69 | 114.19 | / | / | 31.94 | 7.77 | 46.21 | 125 | 323 | Peak |
| 2412.000 | 102.70 | 109.20 | / | / | 31.94 | 7.77 | 46.21 | 125 | 323 | Average |
| 2483.500 | 50.96 | 57.20 | 74.00 | -23.04 | 32.07 | 7.88 | 46.19 | 125 | 323 | Peak |
| 2483.500 | 43.78 | 50.02 | 54.00 | -10.22 | 32.07 | 7.88 | 46.19 | 125 | 323 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.08 | 57.77 | 74.00 | -22.92 | 31.78 | 7.74 | 46.21 | 105 | 315 | Peak |
| 2390.000 | 43.35 | 50.04 | 54.00 | -10.65 | 31.78 | 7.74 | 46.21 | 105 | 315 | Average |
| 2437.000 | 104.06 | 110.58 | / | / | 31.87 | 7.81 | 46.20 | 105 | 315 | Peak |
| 2437.000 | 99.50 | 106.02 | / | / | 31.87 | 7.81 | 46.20 | 105 | 315 | Average |
| 2483.500 | 51.21 | 57.55 | 74.00 | -22.79 | 31.97 | 7.88 | 46.19 | 105 | 315 | Peak |
| 2483.500 | 43.82 | 50.16 | 54.00 | -10.18 | 31.97 | 7.88 | 46.19 | 105 | 315 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.96 | 58.53 | 74.00 | -22.04 | 31.90 | 7.74 | 46.21 | 105 | 323 | Peak |
| 2390.000 | 43.72 | 50.29 | 54.00 | -10.28 | 31.90 | 7.74 | 46.21 | 105 | 323 | Average |
| 2437.000 | 107.02 | 113.42 | / | / | 31.99 | 7.81 | 46.20 | 105 | 323 | Peak |
| 2437.000 | 101.63 | 108.03 | / | / | 31.99 | 7.81 | 46.20 | 105 | 323 | Average |
| 2483.500 | 51.99 | 58.23 | 74.00 | -22.01 | 32.07 | 7.88 | 46.19 | 105 | 323 | Peak |
| 2483.500 | 43.80 | 50.04 | 54.00 | -10.20 | 32.07 | 7.88 | 46.19 | 105 | 323 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.38 | 58.07 | 74.00 | -22.62 | 31.78 | 7.74 | 46.21 | 130 | 328 | Peak |
| 2390.000 | 43.56 | 50.25 | 54.00 | -10.44 | 31.78 | 7.74 | 46.21 | 130 | 328 | Average |
| 2462.000 | 99.40 | 105.83 | / | / | 31.92 | 7.84 | 46.19 | 130 | 328 | Peak |
| 2462.000 | 93.07 | 99.50 | / | / | 31.92 | 7.84 | 46.19 | 130 | 328 | Average |
| 2483.500 | 51.62 | 57.96 | 74.00 | -22.38 | 31.97 | 7.88 | 46.19 | 130 | 328 | Peak |
| 2483.500 | 43.90 | 50.24 | 54.00 | -10.10 | 31.97 | 7.88 | 46.19 | 130 | 328 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.43 | 59.00 | 74.00 | -21.57 | 31.90 | 7.74 | 46.21 | 105 | 300 | Peak |
| 2390.000 | 44.93 | 51.50 | 54.00 | -9.07 | 31.90 | 7.74 | 46.21 | 105 | 300 | Average |
| 2462.000 | 108.16 | 114.48 | / | / | 32.03 | 7.84 | 46.19 | 105 | 300 | Peak |
| 2462.000 | 101.38 | 107.70 | / | / | 32.03 | 7.84 | 46.19 | 105 | 300 | Average |
| 2483.500 | 53.39 | 59.63 | 74.00 | -20.61 | 32.07 | 7.88 | 46.19 | 105 | 300 | Peak |
| 2483.500 | 44.36 | 50.60 | 54.00 | -9.64 | 32.07 | 7.88 | 46.19 | 105 | 300 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (20MHz) (RU52):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.34 | 58.03 | 74.00 | -22.66 | 31.78 | 7.74 | 46.21 | 120 | 318 | Peak |
| 2390.000 | 43.55 | 50.24 | 54.00 | -10.45 | 31.78 | 7.74 | 46.21 | 120 | 318 | Average |
| 2412.000 | 100.83 | 107.45 | / | / | 31.82 | 7.77 | 46.21 | 120 | 318 | Peak |
| 2412.000 | 94.67 | 101.29 | / | / | 31.82 | 7.77 | 46.21 | 120 | 318 | Average |
| 2483.500 | 51.57 | 57.91 | 74.00 | -22.43 | 31.97 | 7.88 | 46.19 | 120 | 318 | Peak |
| 2483.500 | 43.79 | 50.13 | 54.00 | -10.21 | 31.97 | 7.88 | 46.19 | 120 | 318 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.53 | 58.10 | 74.00 | -22.47 | 31.90 | 7.74 | 46.21 | 120 | 325 | Peak |
| 2390.000 | 44.52 | 51.09 | 54.00 | -9.48 | 31.90 | 7.74 | 46.21 | 120 | 325 | Average |
| 2412.000 | 104.86 | 111.36 | / | / | 31.94 | 7.77 | 46.21 | 120 | 325 | Peak |
| 2412.000 | 98.05 | 104.55 | / | / | 31.94 | 7.77 | 46.21 | 120 | 325 | Average |
| 2483.500 | 51.99 | 58.23 | 74.00 | -22.01 | 32.07 | 7.88 | 46.19 | 120 | 325 | Peak |
| 2483.500 | 44.05 | 50.29 | 54.00 | -9.95 | 32.07 | 7.88 | 46.19 | 120 | 325 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.75 | 59.44 | 74.00 | -21.25 | 31.78 | 7.74 | 46.21 | 120 | 315 | Peak |
| 2390.000 | 44.02 | 50.71 | 54.00 | -9.98 | 31.78 | 7.74 | 46.21 | 120 | 315 | Average |
| 2437.000 | 102.49 | 109.01 | / | / | 31.87 | 7.81 | 46.20 | 120 | 315 | Peak |
| 2437.000 | 95.87 | 102.39 | / | / | 31.87 | 7.81 | 46.20 | 120 | 315 | Average |
| 2483.500 | 52.28 | 58.62 | 74.00 | -21.72 | 31.97 | 7.88 | 46.19 | 120 | 315 | Peak |
| 2483.500 | 43.80 | 50.14 | 54.00 | -10.20 | 31.97 | 7.88 | 46.19 | 120 | 315 | Average |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.91 | 57.48 | 74.00 | -23.09 | 31.90 | 7.74 | 46.21 | 102 | 318 | Peak |
| 2390.000 | 43.64 | 50.21 | 54.00 | -10.36 | 31.90 | 7.74 | 46.21 | 102 | 318 | Average |
| 2437.000 | 104.14 | 110.54 | / | / | 31.99 | 7.81 | 46.20 | 102 | 318 | Peak |
| 2437.000 | 97.59 | 103.99 | / | / | 31.99 | 7.81 | 46.20 | 102 | 318 | Average |
| 2483.500 | 51.37 | 57.61 | 74.00 | -22.63 | 32.07 | 7.88 | 46.19 | 102 | 318 | Peak |
| 2483.500 | 43.81 | 50.05 | 54.00 | -10.19 | 32.07 | 7.88 | 46.19 | 102 | 318 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|--------------------------------|--------------------------|-----------------------|--------------------|-------------------------------|------------------------|---------------------------|----------------------------|-----------------------------|---------------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.18 | 57.87 | 74.00 | -22.82 | 31.78 | 7.74 | 46.21 | 112 | 315 | Peak |
| 2390.000 | 43.54 | 50.23 | 54.00 | -10.46 | 31.78 | 7.74 | 46.21 | 112 | 315 | Average |
| 2462.000 | 98.40 | 104.83 | / | / | 31.92 | 7.84 | 46.19 | 112 | 315 | Peak |
| 2462.000 | 92.99 | 99.42 | / | / | 31.92 | 7.84 | 46.19 | 112 | 315 | Average |
| 2483.500 | 51.18 | 57.52 | 74.00 | -22.82 | 31.97 | 7.88 | 46.19 | 112 | 315 | Peak |
| 2483.500 | 44.04 | 50.38 | 54.00 | -9.96 | 31.97 | 7.88 | 46.19 | 112 | 315 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.81 | 57.38 | 74.00 | -23.19 | 31.90 | 7.74 | 46.21 | 153 | 290 | Peak |
| 2390.000 | 43.75 | 50.32 | 54.00 | -10.25 | 31.90 | 7.74 | 46.21 | 153 | 290 | Average |
| 2462.000 | 106.27 | 112.59 | / | / | 32.03 | 7.84 | 46.19 | 153 | 290 | Peak |
| 2462.000 | 99.85 | 106.17 | / | / | 32.03 | 7.84 | 46.19 | 153 | 290 | Average |
| 2483.500 | 51.57 | 57.81 | 74.00 | -22.43 | 32.07 | 7.88 | 46.19 | 153 | 290 | Peak |
| 2483.500 | 43.97 | 50.21 | 54.00 | -10.03 | 32.07 | 7.88 | 46.19 | 153 | 290 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (20MHz) (RU106):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.21 | 57.90 | 74.00 | -22.79 | 31.78 | 7.74 | 46.21 | 105 | 318 | Peak |
| 2390.000 | 43.40 | 50.09 | 54.00 | -10.60 | 31.78 | 7.74 | 46.21 | 105 | 318 | Average |
| 2412.000 | 99.15 | 105.77 | / | / | 31.82 | 7.77 | 46.21 | 105 | 318 | Peak |
| 2412.000 | 92.90 | 99.52 | / | / | 31.82 | 7.77 | 46.21 | 105 | 318 | Average |
| 2483.500 | 52.87 | 59.21 | 74.00 | -21.13 | 31.97 | 7.88 | 46.19 | 105 | 318 | Peak |
| 2483.500 | 43.92 | 50.26 | 54.00 | -10.08 | 31.97 | 7.88 | 46.19 | 105 | 318 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.58 | 58.15 | 74.00 | -22.42 | 31.90 | 7.74 | 46.21 | 125 | 305 | Peak |
| 2390.000 | 44.20 | 50.77 | 54.00 | -9.80 | 31.90 | 7.74 | 46.21 | 125 | 305 | Average |
| 2412.000 | 104.28 | 110.78 | / | / | 31.94 | 7.77 | 46.21 | 125 | 305 | Peak |
| 2412.000 | 95.09 | 101.59 | / | / | 31.94 | 7.77 | 46.21 | 125 | 305 | Average |
| 2483.500 | 51.76 | 58.00 | 74.00 | -22.24 | 32.07 | 7.88 | 46.19 | 125 | 305 | Peak |
| 2483.500 | 44.53 | 50.77 | 54.00 | -9.47 | 32.07 | 7.88 | 46.19 | 125 | 305 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 50.85 | 57.54 | 74.00 | -23.15 | 31.78 | 7.74 | 46.21 | 120 | 315 | Peak |
| 2390.000 | 43.35 | 50.04 | 54.00 | -10.65 | 31.78 | 7.74 | 46.21 | 120 | 315 | Average |
| 2437.000 | 102.22 | 108.74 | / | / | 31.87 | 7.81 | 46.20 | 120 | 315 | Peak |
| 2437.000 | 94.50 | 101.02 | / | / | 31.87 | 7.81 | 46.20 | 120 | 315 | Average |
| 2483.500 | 51.07 | 57.41 | 74.00 | -22.93 | 31.97 | 7.88 | 46.19 | 120 | 315 | Peak |
| 2483.500 | 43.98 | 50.32 | 54.00 | -10.02 | 31.97 | 7.88 | 46.19 | 120 | 315 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 50.85 | 57.42 | 74.00 | -23.15 | 31.90 | 7.74 | 46.21 | 102 | 325 | Peak |
| 2390.000 | 43.77 | 50.34 | 54.00 | -10.23 | 31.90 | 7.74 | 46.21 | 102 | 325 | Average |
| 2437.000 | 103.20 | 109.60 | / | / | 31.99 | 7.81 | 46.20 | 102 | 325 | Peak |
| 2437.000 | 96.82 | 103.22 | / | / | 31.99 | 7.81 | 46.20 | 102 | 325 | Average |
| 2483.500 | 52.10 | 58.34 | 74.00 | -21.90 | 32.07 | 7.88 | 46.19 | 102 | 325 | Peak |
| 2483.500 | 43.79 | 50.03 | 54.00 | -10.21 | 32.07 | 7.88 | 46.19 | 102 | 325 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|--------------------------------|--------------------------|-----------------------|--------------------|-------------------------------|------------------------|---------------------------|----------------------------|-----------------------------|---------------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.06 | 57.75 | 74.00 | -22.94 | 31.78 | 7.74 | 46.21 | 110 | 315 | Peak |
| 2390.000 | 43.98 | 50.67 | 54.00 | -10.02 | 31.78 | 7.74 | 46.21 | 110 | 315 | Average |
| 2462.000 | 99.11 | 105.54 | / | / | 31.92 | 7.84 | 46.19 | 110 | 315 | Peak |
| 2462.000 | 91.81 | 98.24 | / | / | 31.92 | 7.84 | 46.19 | 110 | 315 | Average |
| 2483.500 | 50.98 | 57.32 | 74.00 | -23.02 | 31.97 | 7.88 | 46.19 | 110 | 315 | Peak |
| 2483.500 | 43.83 | 50.17 | 54.00 | -10.17 | 31.97 | 7.88 | 46.19 | 110 | 315 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.95 | 59.52 | 74.00 | -21.05 | 31.90 | 7.74 | 46.21 | 100 | 305 | Peak |
| 2390.000 | 43.72 | 50.29 | 54.00 | -10.28 | 31.90 | 7.74 | 46.21 | 100 | 305 | Average |
| 2462.000 | 104.85 | 111.17 | / | / | 32.03 | 7.84 | 46.19 | 100 | 305 | Peak |
| 2462.000 | 96.30 | 102.62 | / | / | 32.03 | 7.84 | 46.19 | 100 | 305 | Average |
| 2483.500 | 52.67 | 58.91 | 74.00 | -21.33 | 32.07 | 7.88 | 46.19 | 100 | 305 | Peak |
| 2483.500 | 44.28 | 50.52 | 54.00 | -9.72 | 32.07 | 7.88 | 46.19 | 100 | 305 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (20MHz) (RU 242):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 1 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 50.73 | 57.42 | 74.00 | -23.27 | 31.78 | 7.74 | 46.21 | 110 | 318 | Peak |
| 2390.000 | 43.47 | 50.16 | 54.00 | -10.53 | 31.78 | 7.74 | 46.21 | 110 | 318 | Average |
| 2412.000 | 96.74 | 103.36 | / | / | 31.82 | 7.77 | 46.21 | 110 | 318 | Peak |
| 2412.000 | 90.26 | 96.88 | / | / | 31.82 | 7.77 | 46.21 | 110 | 318 | Average |
| 2483.500 | 52.60 | 58.94 | 74.00 | -21.40 | 31.97 | 7.88 | 46.19 | 110 | 318 | Peak |
| 2483.500 | 43.86 | 50.20 | 54.00 | -10.14 | 31.97 | 7.88 | 46.19 | 110 | 318 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.52 | 58.09 | 74.00 | -22.48 | 31.90 | 7.74 | 46.21 | 110 | 325 | Peak |
| 2390.000 | 43.89 | 50.46 | 54.00 | -10.11 | 31.90 | 7.74 | 46.21 | 110 | 325 | Average |
| 2412.000 | 101.12 | 107.62 | / | / | 31.94 | 7.77 | 46.21 | 110 | 325 | Peak |
| 2412.000 | 93.68 | 100.18 | / | / | 31.94 | 7.77 | 46.21 | 110 | 325 | Average |
| 2483.500 | 51.57 | 57.81 | 74.00 | -22.43 | 32.07 | 7.88 | 46.19 | 110 | 325 | Peak |
| 2483.500 | 44.07 | 50.31 | 54.00 | -9.93 | 32.07 | 7.88 | 46.19 | 110 | 325 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 50.92 | 57.61 | 74.00 | -23.08 | 31.78 | 7.74 | 46.21 | 120 | 315 | Peak |
| 2390.000 | 43.45 | 50.14 | 54.00 | -10.55 | 31.78 | 7.74 | 46.21 | 120 | 315 | Average |
| 2437.000 | 97.01 | 103.53 | / | / | 31.87 | 7.81 | 46.20 | 120 | 315 | Peak |
| 2437.000 | 91.39 | 97.91 | / | / | 31.87 | 7.81 | 46.20 | 120 | 315 | Average |
| 2483.500 | 51.57 | 57.91 | 74.00 | -22.43 | 31.97 | 7.88 | 46.19 | 120 | 315 | Peak |
| 2483.500 | 43.88 | 50.22 | 54.00 | -10.12 | 31.97 | 7.88 | 46.19 | 120 | 315 | Average |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
|-------------|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| 2390.000 | 51.21 | 57.78 | 74.00 | -22.79 | 31.90 | 7.74 | 46.21 | 102 | 325 | Peak |
| 2390.000 | 44.06 | 50.63 | 54.00 | -9.94 | 31.90 | 7.74 | 46.21 | 102 | 325 | Average |
| 2437.000 | 100.40 | 106.80 | / | / | 31.99 | 7.81 | 46.20 | 102 | 325 | Peak |
| 2437.000 | 93.03 | 99.43 | / | / | 31.99 | 7.81 | 46.20 | 102 | 325 | Average |
| 2483.500 | 52.20 | 58.44 | 74.00 | -21.80 | 32.07 | 7.88 | 46.19 | 102 | 325 | Peak |
| 2483.500 | 44.46 | 50.70 | 54.00 | -9.54 | 32.07 | 7.88 | 46.19 | 102 | 325 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 11 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.86 | 58.55 | 74.00 | -22.14 | 31.78 | 7.74 | 46.21 | 110 | 315 | Peak |
| 2390.000 | 43.45 | 50.14 | 54.00 | -10.55 | 31.78 | 7.74 | 46.21 | 110 | 315 | Average |
| 2462.000 | 94.25 | 100.68 | / | / | 31.92 | 7.84 | 46.19 | 110 | 315 | Peak |
| 2462.000 | 88.88 | 95.31 | / | / | 31.92 | 7.84 | 46.19 | 110 | 315 | Average |
| 2483.500 | 51.47 | 57.81 | 74.00 | -22.53 | 31.97 | 7.88 | 46.19 | 110 | 315 | Peak |
| 2483.500 | 44.21 | 50.55 | 54.00 | -9.79 | 31.97 | 7.88 | 46.19 | 110 | 315 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.93 | 57.50 | 74.00 | -23.07 | 31.90 | 7.74 | 46.21 | 100 | 293 | Peak |
| 2390.000 | 43.69 | 50.26 | 54.00 | -10.31 | 31.90 | 7.74 | 46.21 | 100 | 293 | Average |
| 2462.000 | 100.99 | 107.31 | / | / | 32.03 | 7.84 | 46.19 | 100 | 293 | Peak |
| 2462.000 | 93.68 | 100.00 | / | / | 32.03 | 7.84 | 46.19 | 100 | 293 | Average |
| 2483.500 | 52.15 | 58.39 | 74.00 | -21.85 | 32.07 | 7.88 | 46.19 | 100 | 293 | Peak |
| 2483.500 | 44.64 | 50.88 | 54.00 | -9.36 | 32.07 | 7.88 | 46.19 | 100 | 293 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2462MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 3 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.16 | 57.85 | 74.00 | -22.84 | 31.78 | 7.74 | 46.21 | 110 | 318 | Peak |
| 2390.000 | 43.58 | 50.27 | 54.00 | -10.42 | 31.78 | 7.74 | 46.21 | 110 | 318 | Average |
| 2422.000 | 95.87 | 102.45 | / | / | 31.84 | 7.78 | 46.20 | 110 | 318 | Peak |
| 2422.000 | 88.01 | 94.59 | / | / | 31.84 | 7.78 | 46.20 | 110 | 318 | Average |
| 2483.500 | 50.91 | 57.25 | 74.00 | -23.09 | 31.97 | 7.88 | 46.19 | 110 | 318 | Peak |
| 2483.500 | 44.56 | 50.90 | 54.00 | -9.44 | 31.97 | 7.88 | 46.19 | 110 | 318 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.68 | 59.25 | 74.00 | -21.32 | 31.90 | 7.74 | 46.21 | 120 | 328 | Peak |
| 2390.000 | 45.17 | 51.74 | 54.00 | -8.83 | 31.90 | 7.74 | 46.21 | 120 | 328 | Average |
| 2422.000 | 98.94 | 105.40 | / | / | 31.96 | 7.78 | 46.20 | 120 | 328 | Peak |
| 2422.000 | 91.06 | 97.52 | / | / | 31.96 | 7.78 | 46.20 | 120 | 328 | Average |
| 2483.500 | 51.56 | 57.80 | 74.00 | -22.44 | 32.07 | 7.88 | 46.19 | 120 | 328 | Peak |
| 2483.500 | 44.29 | 50.53 | 54.00 | -9.71 | 32.07 | 7.88 | 46.19 | 120 | 328 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2422MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 6 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.10 | 57.79 | 74.00 | -22.90 | 31.78 | 7.74 | 46.21 | 105 | 316 | Peak |
| 2390.000 | 43.45 | 50.14 | 54.00 | -10.55 | 31.78 | 7.74 | 46.21 | 105 | 316 | Average |
| 2437.000 | 94.37 | 100.89 | / | / | 31.87 | 7.81 | 46.20 | 105 | 316 | Peak |
| 2437.000 | 88.23 | 94.75 | / | / | 31.87 | 7.81 | 46.20 | 105 | 316 | Average |
| 2483.500 | 52.19 | 58.53 | 74.00 | -21.81 | 31.97 | 7.88 | 46.19 | 105 | 316 | Peak |
| 2483.500 | 43.91 | 50.25 | 54.00 | -10.09 | 31.97 | 7.88 | 46.19 | 105 | 316 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.24 | 57.81 | 74.00 | -22.76 | 31.90 | 7.74 | 46.21 | 102 | 325 | Peak |
| 2390.000 | 43.78 | 50.35 | 54.00 | -10.22 | 31.90 | 7.74 | 46.21 | 102 | 325 | Average |
| 2437.000 | 97.51 | 103.91 | / | / | 31.99 | 7.81 | 46.20 | 102 | 325 | Peak |
| 2437.000 | 89.67 | 96.07 | / | / | 31.99 | 7.81 | 46.20 | 102 | 325 | Average |
| 2483.500 | 51.77 | 58.01 | 74.00 | -22.23 | 32.07 | 7.88 | 46.19 | 102 | 325 | Peak |
| 2483.500 | 44.05 | 50.29 | 54.00 | -9.95 | 32.07 | 7.88 | 46.19 | 102 | 325 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



BUREAU VERITAS Test Report No.: W7L-231127W001RF02

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 9 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 50.46 | 57.15 | 74.00 | -23.54 | 31.78 | 7.74 | 46.21 | 110 | 315 | Peak |
| 2390.000 | 43.65 | 50.34 | 54.00 | -10.35 | 31.78 | 7.74 | 46.21 | 110 | 315 | Average |
| 2452.000 | 96.62 | 103.09 | / | / | 31.90 | 7.83 | 46.20 | 110 | 315 | Peak |
| 2452.000 | 88.87 | 95.34 | / | / | 31.90 | 7.83 | 46.20 | 110 | 315 | Average |
| 2483.500 | 51.69 | 58.03 | 74.00 | -22.31 | 31.97 | 7.88 | 46.19 | 110 | 315 | Peak |
| 2483.500 | 44.15 | 50.49 | 54.00 | -9.85 | 31.97 | 7.88 | 46.19 | 110 | 315 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.85 | 58.42 | 74.00 | -22.15 | 31.90 | 7.74 | 46.21 | 100 | 325 | Peak |
| 2390.000 | 44.07 | 50.64 | 54.00 | -9.93 | 31.90 | 7.74 | 46.21 | 100 | 325 | Average |
| 2452.000 | 99.65 | 106.01 | / | / | 32.01 | 7.83 | 46.20 | 100 | 325 | Peak |
| 2452.000 | 91.84 | 98.20 | / | / | 32.01 | 7.83 | 46.20 | 100 | 325 | Average |
| 2483.500 | 52.47 | 58.71 | 74.00 | -21.53 | 32.07 | 7.88 | 46.19 | 100 | 325 | Peak |
| 2483.500 | 44.83 | 51.07 | 54.00 | -9.17 | 32.07 | 7.88 | 46.19 | 100 | 325 | Average |

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2452MHz: Fundamental frequency.



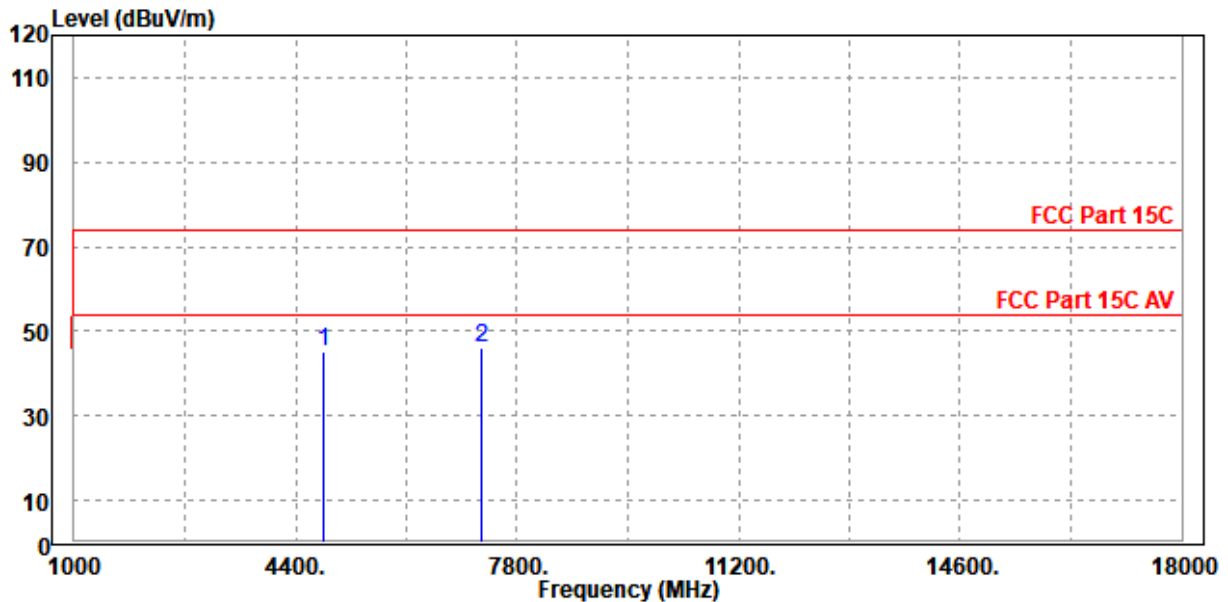
Worst case harmonic:

802.11ax (40MHz) (RU484):

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 3 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

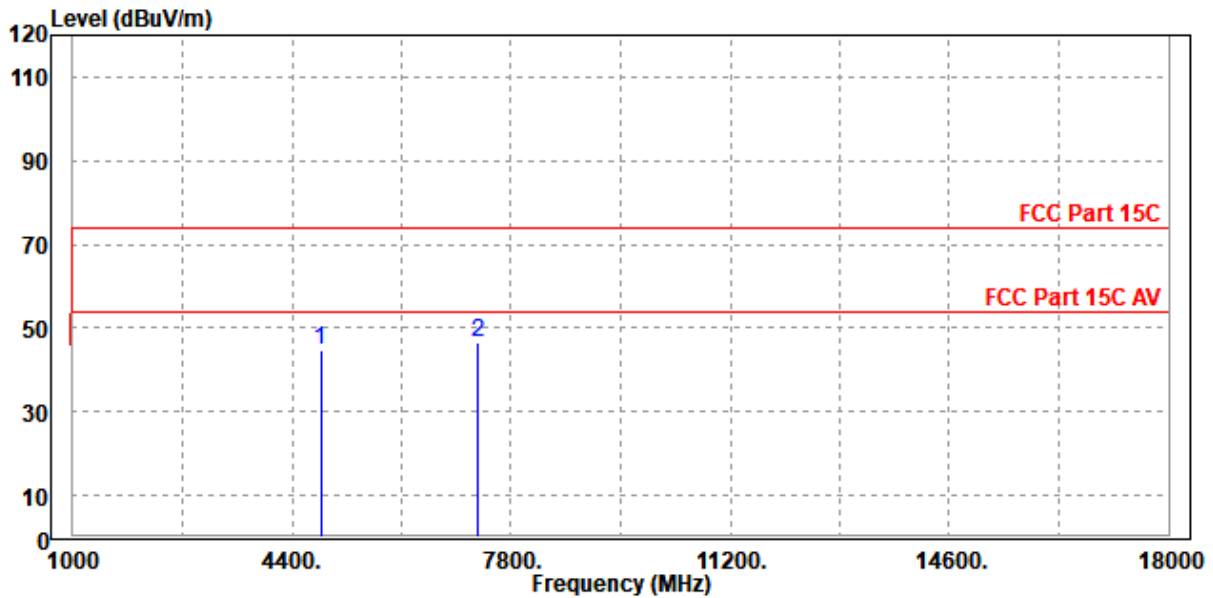
| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBuV/m | dBuV | dBuV/m | dB | dB/m | | |
| 1 | 4842.000 | 45.37 | 47.10 | 74.00 | -28.63 | -1.73 | Peak | Horizontal |
| 2 PP | 7266.000 | 46.02 | 43.63 | 74.00 | -27.98 | 2.39 | Peak | Horizontal |





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBuV/m | dBuV | dBuV/m | dB | dB/m | | |
| 1 | 4844.000 | 44.74 | 46.45 | 74.00 | -29.26 | -1.71 | Peak | Vertical |
| 2 | PP 7273.000 | 46.52 | 44.01 | 74.00 | -27.48 | 2.51 | Peak | Vertical |



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2422MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

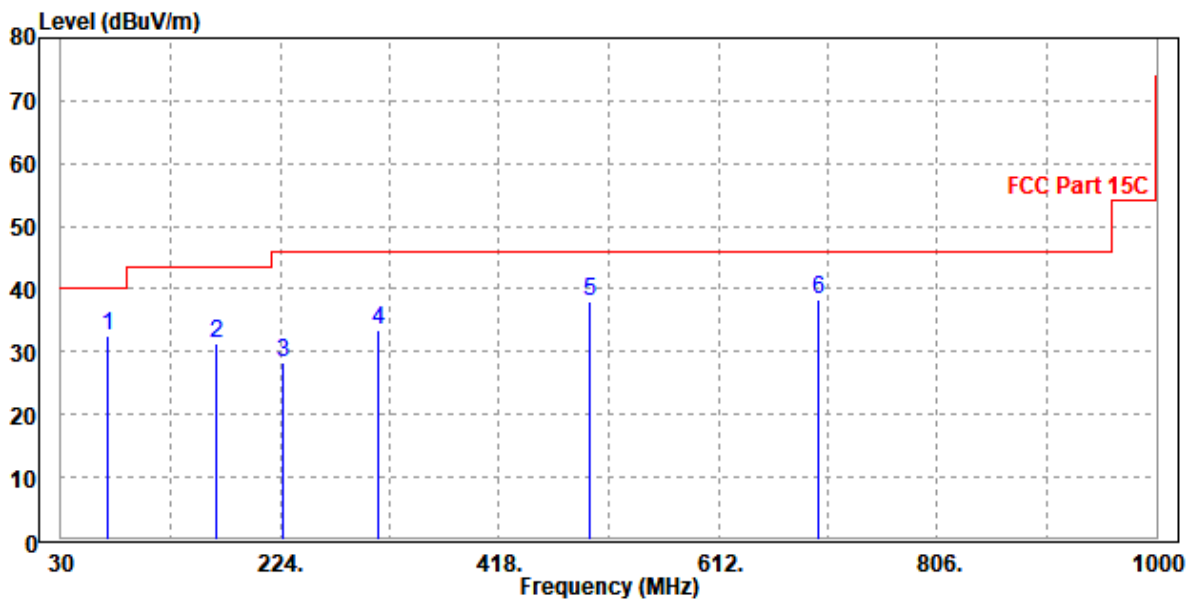
BT-LE_1M

| | | | |
|-----------------|---------------|--------------------|-----------------|
| CHANNEL | TX Channel 39 | ODETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|--------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 71.710 | 32.65 | 56.31 | 40.00 | -7.35 | 7.03 | 6.39 | 37.08 | 100 | 0 | Peak |
| 167.740 | 31.42 | 49.30 | 43.50 | -12.08 | 12.06 | 6.81 | 36.75 | 100 | 0 | Peak |
| 226.910 | 28.19 | 45.56 | 46.00 | -17.81 | 12.17 | 7.08 | 36.62 | 100 | 0 | Peak |
| 311.300 | 33.59 | 48.29 | 46.00 | -12.41 | 14.58 | 7.35 | 36.63 | 100 | 0 | Peak |
| 497.540 | 37.89 | 48.36 | 46.00 | -8.11 | 18.65 | 7.94 | 37.06 | 100 | 0 | Peak |
| 700.270 | 38.22 | 44.51 | 46.00 | -7.78 | 22.60 | 8.38 | 37.27 | 100 | 0 | Peak |

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



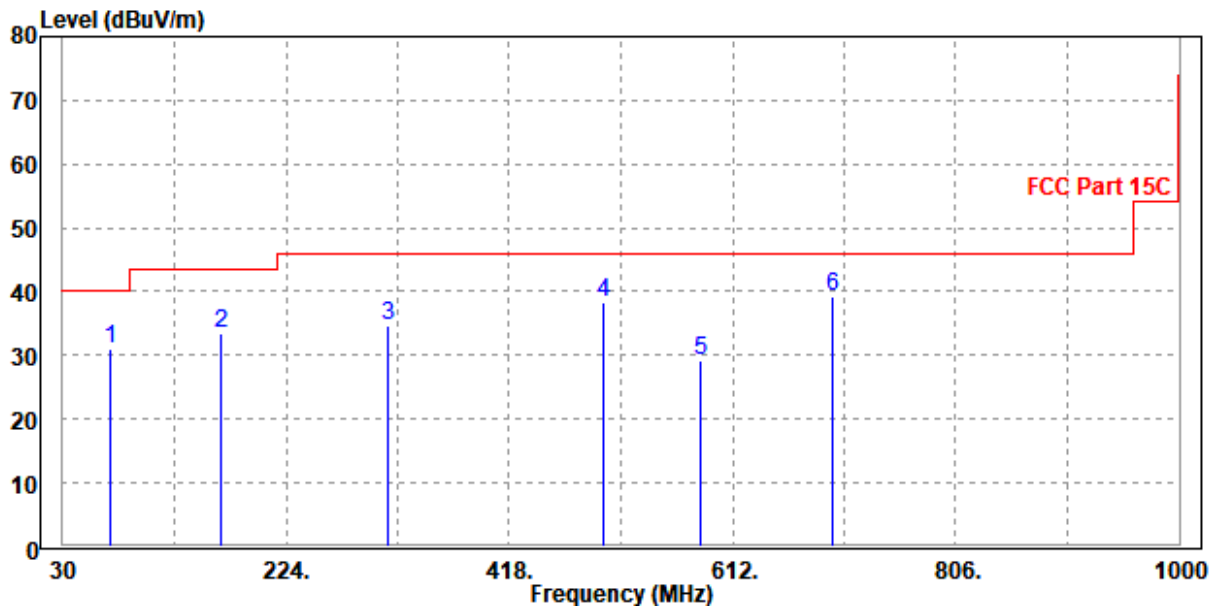


| | | | |
|------------------------|---------------|--------------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | | |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
|---|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|--------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 71.710 | 31.07 | 54.36 | 40.00 | -8.93 | 7.40 | 6.39 | 37.08 | 100 | 360 | Peak |
| 167.740 | 33.34 | 49.25 | 43.50 | -10.16 | 14.03 | 6.81 | 36.75 | 100 | 360 | Peak |
| 312.270 | 34.56 | 48.88 | 46.00 | -11.44 | 14.97 | 7.35 | 36.64 | 100 | 360 | Peak |
| 499.480 | 38.32 | 47.95 | 46.00 | -7.68 | 19.49 | 7.95 | 37.07 | 100 | 360 | Peak |
| 583.870 | 29.17 | 37.80 | 46.00 | -16.83 | 20.34 | 8.18 | 37.15 | 100 | 360 | Peak |
| 699.300 | 39.34 | 45.05 | 46.00 | -6.66 | 23.18 | 8.38 | 37.27 | 100 | 360 | Peak |

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value





ABOVE 1GHz TEST DATA

Note: 1. For radiated emissions testing , the full testing range of different modes have been scanned , only the worst case harmonic data is reported in the sheet.

2. All other emissions were greater than 20dB below the limit was not recorded

BT-LE _1M

| | | | |
|------------------------|--------------|--------------------------|--------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.65 | 58.34 | 74.00 | -22.35 | 31.78 | 7.74 | 46.21 | 120 | 165 | Peak |
| 2390.000 | 44.12 | 50.81 | 54.00 | -9.88 | 31.78 | 7.74 | 46.21 | 120 | 165 | Average |
| 2402.000 | 94.48 | 101.14 | / | / | 31.80 | 7.75 | 46.21 | 120 | 165 | Peak |
| 2402.000 | 94.07 | 100.73 | / | / | 31.80 | 7.75 | 46.21 | 120 | 165 | Average |
| 2483.500 | 52.94 | 59.28 | 74.00 | -21.06 | 31.97 | 7.88 | 46.19 | 120 | 165 | Peak |
| 2483.500 | 44.60 | 50.94 | 54.00 | -9.40 | 31.97 | 7.88 | 46.19 | 120 | 165 | Average |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 52.64 | 59.21 | 74.00 | -21.36 | 31.90 | 7.74 | 46.21 | 119 | 305 | Peak |
| 2390.000 | 44.71 | 51.28 | 54.00 | -9.29 | 31.90 | 7.74 | 46.21 | 119 | 305 | Average |
| 2402.000 | 102.03 | 108.57 | / | / | 31.92 | 7.75 | 46.21 | 119 | 305 | Peak |
| 2402.000 | 101.73 | 108.27 | / | / | 31.92 | 7.75 | 46.21 | 119 | 305 | Average |
| 2483.500 | 51.74 | 57.98 | 74.00 | -22.26 | 32.07 | 7.88 | 46.19 | 119 | 305 | Peak |
| 2483.500 | 44.65 | 50.89 | 54.00 | -9.35 | 32.07 | 7.88 | 46.19 | 119 | 305 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF02

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 19 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | | | |
|--|-------------------------|-------------------|----------------|-------------|------------------------|-----------------|--------------------|---------------------|----------------------|---------|
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.96 | 58.65 | 74.00 | -22.04 | 31.78 | 7.74 | 46.21 | 101 | 170 | Peak |
| 2390.000 | 44.62 | 51.31 | 54.00 | -9.38 | 31.78 | 7.74 | 46.21 | 101 | 170 | Average |
| 2440.000 | 93.43 | 99.94 | / | / | 31.88 | 7.81 | 46.20 | 101 | 170 | Peak |
| 2440.000 | 92.98 | 99.49 | / | / | 31.88 | 7.81 | 46.20 | 101 | 170 | Average |
| 2483.500 | 52.02 | 58.36 | 74.00 | -21.98 | 31.97 | 7.88 | 46.19 | 101 | 170 | Peak |
| 2483.500 | 44.68 | 51.02 | 54.00 | -9.32 | 31.97 | 7.88 | 46.19 | 101 | 170 | Average |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | | | |
| FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | READ LEVEL (dBuV) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA FACTOR (dB /m) | CABLE LOSS (dB) | PREAMP FACTOR (dB) | ANTENNA HEIGHT (cm) | TABLE ANGLE (Degree) | REMARK |
| 2390.000 | 51.67 | 58.24 | 74.00 | -22.33 | 31.90 | 7.74 | 46.21 | 105 | 305 | Peak |
| 2390.000 | 44.11 | 50.68 | 54.00 | -9.89 | 31.90 | 7.74 | 46.21 | 105 | 305 | Average |
| 2440.000 | 104.08 | 110.48 | / | / | 31.99 | 7.81 | 46.20 | 105 | 305 | Peak |
| 2440.000 | 103.67 | 110.07 | / | / | 31.99 | 7.81 | 46.20 | 105 | 305 | Average |
| 2483.500 | 52.08 | 58.32 | 74.00 | -21.92 | 32.07 | 7.88 | 46.19 | 105 | 305 | Peak |
| 2483.500 | 44.84 | 51.08 | 54.00 | -9.16 | 32.07 | 7.88 | 46.19 | 105 | 305 | Average |

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.