

4.1.17 Test Results (Mode 11)

ABOVE 1GHz DATA

802.11a

| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 36 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 67.8 PK | 74.0 | -6.2 | 1.48 H | 34 | 64.8 | 3.0 |
| 2 | 5150.00 | 48.8 AV | 54.0 | -5.2 | 1.48 H | 34 | 45.8 | 3.0 |
| 3 | *5180.00 | 117.8 PK | | | 1.48 H | 34 | 114.9 | 2.9 |
| 4 | *5180.00 | 108.6 AV | | | 1.48 H | 34 | 105.7 | 2.9 |
| 5 | #10360.00 | 45.6 PK | 68.2 | -22.6 | 3.98 H | 190 | 33.6 | 12.0 |
| 6 | 15540.00 | 42.6 PK | 74.0 | -31.4 | 1.55 H | 199 | 29.6 | 13.0 |
| 7 | 15540.00 | 34.8 AV | 54.0 | -19.2 | 1.55 H | 199 | 21.8 | 13.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 73.1 PK | 74.0 | -0.9 | 1.53 V | 345 | 70.1 | 3.0 |
| 2 | 5150.00 | 53.5 AV | 54.0 | -0.5 | 1.53 V | 345 | 50.5 | 3.0 |
| 3 | *5180.00 | 119.1 PK | | | 1.53 V | 345 | 116.2 | 2.9 |
| 4 | *5180.00 | 109.9 AV | | | 1.53 V | 345 | 107.0 | 2.9 |
| 5 | #10360.00 | 46.1 PK | 68.2 | -22.1 | 3.92 V | 193 | 34.1 | 12.0 |
| 6 | 15540.00 | 45.3 PK | 74.0 | -28.7 | 3.24 V | 171 | 32.3 | 13.0 |
| 7 | 15540.00 | 37.1 AV | 54.0 | -16.9 | 3.24 V | 171 | 24.1 | 13.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 40 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 68.7 PK | 74.0 | -5.3 | 1.47 H | 23 | 65.7 | 3.0 |
| 2 | 5150.00 | 48.7 AV | 54.0 | -5.3 | 1.47 H | 23 | 45.7 | 3.0 |
| 3 | *5200.00 | 121.1 PK | | | 1.47 H | 23 | 118.3 | 2.8 |
| 4 | *5200.00 | 111.6 AV | | | 1.47 H | 23 | 108.8 | 2.8 |
| 5 | 5350.00 | 54.1 PK | 74.0 | -19.9 | 1.47 H | 23 | 51.5 | 2.6 |
| 6 | 5350.00 | 39.6 AV | 54.0 | -14.4 | 1.47 H | 23 | 37.0 | 2.6 |
| 7 | #10400.00 | 45.7 PK | 68.2 | -22.5 | 3.93 H | 191 | 33.6 | 12.1 |
| 8 | 15600.00 | 45.9 PK | 74.0 | -28.1 | 1.44 H | 202 | 33.0 | 12.9 |
| 9 | 15600.00 | 37.6 AV | 54.0 | -16.4 | 1.44 H | 202 | 24.7 | 12.9 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 71.2 PK | 74.0 | -2.8 | 1.39 V | 356 | 68.2 | 3.0 |
| 2 | 5150.00 | 52.6 AV | 54.0 | -1.4 | 1.39 V | 356 | 49.6 | 3.0 |
| 3 | *5200.00 | 122.6 PK | | | 1.39 V | 356 | 119.8 | 2.8 |
| 4 | *5200.00 | 113.0 AV | | | 1.39 V | 356 | 110.2 | 2.8 |
| 5 | 5350.00 | 59.5 PK | 74.0 | -14.5 | 1.39 V | 356 | 56.9 | 2.6 |
| 6 | 5350.00 | 45.6 AV | 54.0 | -8.4 | 1.39 V | 356 | 43.0 | 2.6 |
| 7 | #10400.00 | 45.5 PK | 68.2 | -22.7 | 3.98 V | 176 | 33.4 | 12.1 |
| 8 | 15600.00 | 46.3 PK | 74.0 | -27.7 | 3.24 V | 179 | 33.4 | 12.9 |
| 9 | 15600.00 | 38.0 AV | 54.0 | -16.0 | 3.24 V | 179 | 25.1 | 12.9 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 48 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 55.0 PK | 74.0 | -19.0 | 1.49 H | 38 | 52.0 | 3.0 |
| 2 | 5150.00 | 40.2 AV | 54.0 | -13.8 | 1.49 H | 38 | 37.2 | 3.0 |
| 3 | *5240.00 | 121.0 PK | | | 1.49 H | 38 | 118.4 | 2.6 |
| 4 | *5240.00 | 111.3 AV | | | 1.49 H | 38 | 108.7 | 2.6 |
| 5 | 5350.00 | 54.6 PK | 74.0 | -19.4 | 1.49 H | 38 | 52.0 | 2.6 |
| 6 | 5350.00 | 39.9 AV | 54.0 | -14.1 | 1.49 H | 38 | 37.3 | 2.6 |
| 7 | #10480.00 | 46.1 PK | 68.2 | -22.1 | 3.95 H | 194 | 33.6 | 12.5 |
| 8 | 15720.00 | 45.3 PK | 74.0 | -28.7 | 1.50 H | 209 | 33.1 | 12.2 |
| 9 | 15720.00 | 37.2 AV | 54.0 | -16.8 | 1.50 H | 209 | 25.0 | 12.2 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 58.6 PK | 74.0 | -15.4 | 1.40 V | 358 | 55.6 | 3.0 |
| 2 | 5150.00 | 46.1 AV | 54.0 | -7.9 | 1.40 V | 358 | 43.1 | 3.0 |
| 3 | *5240.00 | 123.3 PK | | | 1.40 V | 358 | 120.7 | 2.6 |
| 4 | *5240.00 | 113.5 AV | | | 1.40 V | 358 | 110.9 | 2.6 |
| 5 | 5350.00 | 58.4 PK | 74.0 | -15.6 | 1.40 V | 358 | 55.8 | 2.6 |
| 6 | 5350.00 | 45.8 AV | 54.0 | -8.2 | 1.40 V | 358 | 43.2 | 2.6 |
| 7 | #10480.00 | 45.5 PK | 68.2 | -22.7 | 4.00 V | 196 | 33.0 | 12.5 |
| 8 | 15720.00 | 46.4 PK | 74.0 | -27.6 | 3.19 V | 181 | 34.2 | 12.2 |
| 9 | 15720.00 | 37.8 AV | 54.0 | -16.2 | 3.19 V | 181 | 25.6 | 12.2 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 149 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5643.24 | 61.7 PK | 68.2 | -6.5 | 1.76 H | 307 | 58.4 | 3.3 |
| 2 | *5745.00 | 121.2 PK | | | 1.76 H | 331 | 117.9 | 3.3 |
| 3 | *5745.00 | 111.7 AV | | | 1.76 H | 331 | 108.4 | 3.3 |
| 4 | #5934.90 | 56.9 PK | 68.2 | -11.3 | 1.76 H | 307 | 52.7 | 4.2 |
| 5 | 11490.00 | 53.0 PK | 74.0 | -21.0 | 1.88 H | 145 | 40.4 | 12.6 |
| 6 | 11490.00 | 40.4 AV | 54.0 | -13.6 | 1.88 H | 145 | 27.8 | 12.6 |
| 7 | #17235.00 | 68.1 PK | 68.2 | -0.1 | 3.45 H | 116 | 51.3 | 16.8 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5580.87 | 58.7 PK | 68.2 | -9.5 | 1.30 V | 349 | 55.4 | 3.3 |
| 2 | *5745.00 | 120.9 PK | | | 1.30 V | 349 | 117.6 | 3.3 |
| 3 | *5745.00 | 100.7 AV | | | 1.30 V | 349 | 97.4 | 3.3 |
| 4 | #5965.48 | 56.8 PK | 68.2 | -11.4 | 1.30 V | 349 | 52.6 | 4.2 |
| 5 | 11490.00 | 53.0 PK | 74.0 | -21.0 | 3.98 V | 185 | 40.4 | 12.6 |
| 6 | 11490.00 | 40.9 AV | 54.0 | -13.1 | 3.98 V | 185 | 28.3 | 12.6 |
| 7 | #17235.00 | 63.8 PK | 68.2 | -4.4 | 3.24 V | 184 | 47.0 | 16.8 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 157 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5621.62 | 58.4 PK | 68.2 | -9.8 | 2.06 H | 318 | 55.1 | 3.3 |
| 2 | *5785.00 | 121.7 PK | | | 2.06 H | 318 | 118.3 | 3.4 |
| 3 | *5785.00 | 112.0 AV | | | 2.06 H | 318 | 108.6 | 3.4 |
| 4 | #5935.49 | 56.7 PK | 68.2 | -11.5 | 2.06 H | 318 | 52.5 | 4.2 |
| 5 | 11570.00 | 52.6 PK | 74.0 | -21.4 | 1.84 H | 141 | 40.4 | 12.2 |
| 6 | 11570.00 | 40.3 AV | 54.0 | -13.7 | 1.84 H | 141 | 28.1 | 12.2 |
| 7 | #17355.00 | 67.8 PK | 68.2 | -0.4 | 1.67 H | 114 | 51.2 | 16.6 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5629.28 | 57.8 PK | 68.2 | -10.4 | 1.46 V | 351 | 54.5 | 3.3 |
| 2 | *5785.00 | 120.5 PK | | | 1.46 V | 351 | 117.1 | 3.4 |
| 3 | *5785.00 | 110.3 AV | | | 1.46 V | 351 | 106.9 | 3.4 |
| 4 | #5988.58 | 56.1 PK | 68.2 | -12.1 | 1.46 V | 351 | 52.0 | 4.1 |
| 5 | 11570.00 | 53.2 PK | 74.0 | -20.8 | 3.98 V | 190 | 41.0 | 12.2 |
| 6 | 11570.00 | 40.9 AV | 54.0 | -13.1 | 3.98 V | 190 | 28.7 | 12.2 |
| 7 | #17355.00 | 64.3 PK | 68.2 | -3.9 | 3.26 V | 184 | 47.7 | 16.6 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 165 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5609.47 | 55.8 PK | 68.2 | -12.4 | 3.55 H | 305 | 52.5 | 3.3 |
| 2 | *5825.00 | 121.5 PK | | | 3.55 H | 305 | 117.9 | 3.6 |
| 3 | *5825.00 | 111.9 AV | | | 3.55 H | 305 | 108.3 | 3.6 |
| 4 | #5954.49 | 55.7 PK | 68.2 | -12.5 | 3.55 H | 305 | 51.5 | 4.2 |
| 5 | 11650.00 | 52.4 PK | 74.0 | -21.6 | 1.88 H | 136 | 40.0 | 12.4 |
| 6 | 11650.00 | 39.8 AV | 54.0 | -14.2 | 1.88 H | 136 | 27.4 | 12.4 |
| 7 | #17475.00 | 67.9 PK | 68.2 | -0.3 | 2.52 H | 213 | 50.9 | 17.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5628.76 | 56.8 PK | 68.2 | -11.4 | 1.50 V | 353 | 53.5 | 3.3 |
| 2 | *5825.00 | 120.7 PK | | | 1.50 V | 353 | 117.1 | 3.6 |
| 3 | *5825.00 | 110.4 AV | | | 1.50 V | 353 | 106.8 | 3.6 |
| 4 | #6002.86 | 56.4 PK | 68.2 | -11.8 | 1.50 V | 353 | 52.3 | 4.1 |
| 5 | 11650.00 | 53.3 PK | 74.0 | -20.7 | 3.87 V | 192 | 40.9 | 12.4 |
| 6 | 11650.00 | 41.2 AV | 54.0 | -12.8 | 3.87 V | 192 | 28.8 | 12.4 |
| 7 | #17475.00 | 64.6 PK | 68.2 | -3.6 | 3.30 V | 193 | 47.6 | 17.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (HE20)

| | | | |
|-----------------|---------------|----------------------|--------------|
| CHANNEL | TX Channel 36 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 72.4 PK | 74.0 | -1.6 | 1.43 H | 50 | 69.4 | 3.0 |
| 2 | 5150.00 | 49.2 AV | 54.0 | -4.8 | 1.43 H | 50 | 46.2 | 3.0 |
| 3 | *5180.00 | 118.6 PK | | | 1.43 H | 50 | 115.7 | 2.9 |
| 4 | *5180.00 | 106.1 AV | | | 1.43 H | 50 | 103.2 | 2.9 |
| 5 | #10360.00 | 45.4 PK | 68.2 | -22.8 | 3.95 H | 206 | 33.4 | 12.0 |
| 6 | 15540.00 | 45.7 PK | 74.0 | -28.3 | 1.42 H | 192 | 32.7 | 13.0 |
| 7 | 15540.00 | 37.3 AV | 54.0 | -16.7 | 1.42 H | 192 | 24.3 | 13.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 73.7 PK | 74.0 | -0.3 | 1.51 V | 356 | 70.7 | 3.0 |
| 2 | 5150.00 | 53.8 AV | 54.0 | -0.2 | 1.51 V | 356 | 50.8 | 3.0 |
| 3 | *5180.00 | 119.8 PK | | | 1.51 V | 356 | 116.9 | 2.9 |
| 4 | *5180.00 | 107.3 AV | | | 1.51 V | 356 | 104.4 | 2.9 |
| 5 | #10360.00 | 44.9 PK | 68.2 | -23.3 | 3.87 V | 186 | 32.9 | 12.0 |
| 6 | 15540.00 | 46.0 PK | 74.0 | -28.0 | 3.13 V | 194 | 33.0 | 13.0 |
| 7 | 15540.00 | 37.5 AV | 54.0 | -16.5 | 3.13 V | 194 | 24.5 | 13.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 40 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 69.1 PK | 74.0 | -4.9 | 1.44 H | 19 | 66.1 | 3.0 |
| 2 | 5150.00 | 49.1 AV | 54.0 | -4.9 | 1.44 H | 19 | 46.1 | 3.0 |
| 3 | *5200.00 | 118.1 PK | | | 1.44 H | 19 | 115.3 | 2.8 |
| 4 | *5200.00 | 108.9 AV | | | 1.44 H | 19 | 106.1 | 2.8 |
| 5 | #10400.00 | 45.8 PK | 68.2 | -22.4 | 3.92 H | 207 | 33.7 | 12.1 |
| 6 | 15600.00 | 45.7 PK | 74.0 | -28.3 | 1.41 H | 203 | 32.8 | 12.9 |
| 7 | 15600.00 | 37.5 AV | 54.0 | -16.5 | 1.41 H | 203 | 24.6 | 12.9 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 73.6 PK | 74.0 | -0.4 | 1.48 V | 356 | 70.6 | 3.0 |
| 2 | 5150.00 | 51.0 AV | 54.0 | -3.0 | 1.48 V | 356 | 48.0 | 3.0 |
| 3 | *5200.00 | 123.5 PK | | | 1.48 V | 356 | 120.7 | 2.8 |
| 4 | *5200.00 | 111.2 AV | | | 1.48 V | 356 | 108.4 | 2.8 |
| 5 | #10400.00 | 45.4 PK | 68.2 | -22.8 | 3.86 V | 181 | 33.3 | 12.1 |
| 6 | 15600.00 | 47.0 PK | 74.0 | -27.0 | 3.24 V | 187 | 34.1 | 12.9 |
| 7 | 15600.00 | 38.2 AV | 54.0 | -15.8 | 3.24 V | 187 | 25.3 | 12.9 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 48 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | 5150.00 | 55.1 PK | 74.0 | -18.9 | 1.47 H | 19 | 52.1 | 3.0 |
| 2 | 5150.00 | 40.0 AV | 54.0 | -14.0 | 1.47 H | 19 | 37.0 | 3.0 |
| 3 | *5240.00 | 117.7 PK | | | 1.47 H | 19 | 115.1 | 2.6 |
| 4 | *5240.00 | 108.5 AV | | | 1.47 H | 19 | 105.9 | 2.6 |
| 5 | 5350.00 | 54.8 PK | 74.0 | -19.2 | 1.47 H | 19 | 52.2 | 2.6 |
| 6 | 5350.00 | 40.2 AV | 54.0 | -13.8 | 1.47 H | 19 | 37.6 | 2.6 |
| 7 | #10480.00 | 45.5 PK | 68.2 | -22.7 | 3.90 H | 204 | 33.0 | 12.5 |
| 8 | 15720.00 | 46.4 PK | 74.0 | -27.6 | 1.49 H | 209 | 34.2 | 12.2 |
| 9 | 15720.00 | 38.0 AV | 54.0 | -16.0 | 1.49 H | 209 | 25.8 | 12.2 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | 5150.00 | 57.1 PK | 74.0 | -16.9 | 1.50 V | 346 | 54.1 | 3.0 |
| 2 | 5150.00 | 44.3 AV | 54.0 | -9.7 | 1.50 V | 346 | 41.3 | 3.0 |
| 3 | *5240.00 | 122.1 PK | | | 1.50 V | 346 | 119.5 | 2.6 |
| 4 | *5240.00 | 110.7 AV | | | 1.50 V | 346 | 108.1 | 2.6 |
| 5 | 5350.00 | 56.5 PK | 74.0 | -17.5 | 1.50 V | 346 | 53.9 | 2.6 |
| 6 | 5350.00 | 44.2 AV | 54.0 | -9.8 | 1.50 V | 346 | 41.6 | 2.6 |
| 7 | #10480.00 | 45.7 PK | 68.2 | -22.5 | 3.96 V | 187 | 33.2 | 12.5 |
| 8 | 15720.00 | 46.1 PK | 74.0 | -27.9 | 3.15 V | 186 | 33.9 | 12.2 |
| 9 | 15720.00 | 37.3 AV | 54.0 | -16.7 | 3.15 V | 186 | 25.1 | 12.2 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 149 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5631.57 | 66.2 PK | 68.2 | -2.0 | 1.80 H | 305 | 62.9 | 3.3 |
| 2 | *5745.00 | 124.4 PK | | | 1.80 H | 305 | 121.1 | 3.3 |
| 3 | *5745.00 | 112.8 AV | | | 1.80 H | 305 | 109.5 | 3.3 |
| 4 | #5978.33 | 56.7 PK | 68.2 | -11.5 | 1.80 H | 305 | 52.6 | 4.1 |
| 5 | 11490.00 | 52.3 PK | 74.0 | -21.7 | 1.66 H | 147 | 39.7 | 12.6 |
| 6 | 11490.00 | 41.7 AV | 54.0 | -12.3 | 1.66 H | 147 | 29.1 | 12.6 |
| 7 | #17235.00 | 67.9 PK | 68.2 | -0.3 | 3.45 H | 121 | 51.1 | 16.8 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5644.73 | 62.3 PK | 68.2 | -5.9 | 1.51 V | 343 | 59.0 | 3.3 |
| 2 | *5745.00 | 122.4 PK | | | 1.51 V | 343 | 119.1 | 3.3 |
| 3 | *5745.00 | 110.4 AV | | | 1.51 V | 343 | 107.1 | 3.3 |
| 4 | #5987.21 | 55.2 PK | 68.2 | -13.0 | 1.51 V | 343 | 51.1 | 4.1 |
| 5 | 11490.00 | 53.6 PK | 74.0 | -20.4 | 3.93 V | 186 | 41.0 | 12.6 |
| 6 | 11490.00 | 41.2 AV | 54.0 | -12.8 | 3.93 V | 186 | 28.6 | 12.6 |
| 7 | #17235.00 | 64.1 PK | 68.2 | -4.1 | 3.31 V | 177 | 47.3 | 16.8 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 157 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5562.97 | 58.4 PK | 68.2 | -9.8 | 2.08 H | 319 | 55.1 | 3.3 |
| 2 | *5785.00 | 123.7 PK | | | 2.08 H | 319 | 120.3 | 3.4 |
| 3 | *5785.00 | 111.8 AV | | | 2.08 H | 319 | 108.4 | 3.4 |
| 4 | #5943.75 | 57.7 PK | 68.2 | -10.5 | 2.08 H | 319 | 53.5 | 4.2 |
| 5 | 11570.00 | 51.9 PK | 74.0 | -22.1 | 1.65 H | 149 | 39.7 | 12.2 |
| 6 | 11570.00 | 41.4 AV | 54.0 | -12.6 | 1.65 H | 149 | 29.2 | 12.2 |
| 7 | #17355.00 | 68.0 PK | 68.2 | -0.2 | 3.32 H | 122 | 51.4 | 16.6 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5564.70 | 57.5 PK | 68.2 | -10.7 | 1.56 V | 354 | 54.2 | 3.3 |
| 2 | *5785.00 | 122.7 PK | | | 1.56 V | 354 | 119.3 | 3.4 |
| 3 | *5785.00 | 110.6 AV | | | 1.56 V | 354 | 107.2 | 3.4 |
| 4 | #5957.62 | 57.0 PK | 68.2 | -11.2 | 1.56 V | 354 | 52.8 | 4.2 |
| 5 | 11570.00 | 53.1 PK | 74.0 | -20.9 | 3.97 V | 203 | 40.9 | 12.2 |
| 6 | 11570.00 | 40.7 AV | 54.0 | -13.3 | 3.97 V | 203 | 28.5 | 12.2 |
| 7 | #17355.00 | 64.4 PK | 68.2 | -3.8 | 3.20 V | 189 | 47.8 | 16.6 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 165 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5625.68 | 57.0 PK | 68.2 | -11.2 | 1.60 H | 319 | 53.7 | 3.3 |
| 2 | *5825.00 | 121.3 PK | | | 1.60 H | 319 | 117.7 | 3.6 |
| 3 | *5825.00 | 110.6 AV | | | 1.60 H | 319 | 107.0 | 3.6 |
| 4 | #5925.59 | 56.1 PK | 68.2 | -12.1 | 1.60 H | 319 | 52.0 | 4.1 |
| 5 | 11650.00 | 52.8 PK | 74.0 | -21.2 | 1.65 H | 154 | 40.4 | 12.4 |
| 6 | 11650.00 | 42.1 AV | 54.0 | -11.9 | 1.65 H | 154 | 29.7 | 12.4 |
| 7 | #17475.00 | 68.1 PK | 68.2 | -0.1 | 1.70 H | 117 | 51.1 | 17.0 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5625.55 | 54.6 PK | 68.2 | -13.6 | 1.54 V | 354 | 51.3 | 3.3 |
| 2 | *5825.00 | 122.4 PK | | | 1.54 V | 354 | 118.8 | 3.6 |
| 3 | *5825.00 | 110.0 AV | | | 1.54 V | 354 | 106.4 | 3.6 |
| 4 | #5936.23 | 55.0 PK | 68.2 | -13.2 | 1.54 V | 354 | 50.8 | 4.2 |
| 5 | 11650.00 | 53.3 PK | 74.0 | -20.7 | 3.94 V | 181 | 40.9 | 12.4 |
| 6 | 11650.00 | 41.2 AV | 54.0 | -12.8 | 3.94 V | 181 | 28.8 | 12.4 |
| 7 | #17475.00 | 63.9 PK | 68.2 | -4.3 | 3.23 V | 190 | 46.9 | 17.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (HE40)

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 38 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 63.6 PK | 74.0 | -10.4 | 2.13 H | 326 | 60.6 | 3.0 |
| 2 | 5150.00 | 50.2 AV | 54.0 | -3.8 | 2.13 H | 326 | 47.2 | 3.0 |
| 3 | *5190.00 | 112.5 PK | | | 2.13 H | 326 | 109.6 | 2.9 |
| 4 | *5190.00 | 100.8 AV | | | 2.13 H | 326 | 97.9 | 2.9 |
| 5 | #10380.00 | 45.4 PK | 68.2 | -22.8 | 3.86 H | 193 | 33.2 | 12.2 |
| 6 | 15570.00 | 46.2 PK | 74.0 | -27.8 | 1.43 H | 216 | 33.2 | 13.0 |
| 7 | 15570.00 | 37.9 AV | 54.0 | -16.1 | 1.43 H | 216 | 24.9 | 13.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 66.8 PK | 74.0 | -7.2 | 1.38 V | 356 | 63.8 | 3.0 |
| 2 | 5150.00 | 53.6 AV | 54.0 | -0.4 | 1.38 V | 356 | 50.6 | 3.0 |
| 3 | *5190.00 | 113.7 PK | | | 1.38 V | 356 | 110.8 | 2.9 |
| 4 | *5190.00 | 102.1 AV | | | 1.38 V | 356 | 99.2 | 2.9 |
| 5 | #10380.00 | 45.7 PK | 68.2 | -22.5 | 3.96 V | 187 | 33.5 | 12.2 |
| 6 | 15570.00 | 46.1 PK | 74.0 | -27.9 | 3.15 V | 186 | 33.1 | 13.0 |
| 7 | 15570.00 | 37.3 AV | 54.0 | -16.7 | 3.15 V | 186 | 24.3 | 13.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 46 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 63.4 PK | 74.0 | -10.6 | 2.13 H | 309 | 60.4 | 3.0 |
| 2 | 5150.00 | 49.8 AV | 54.0 | -4.2 | 2.13 H | 309 | 46.8 | 3.0 |
| 3 | *5230.00 | 115.4 PK | | | 2.13 H | 309 | 112.8 | 2.6 |
| 4 | *5230.00 | 105.9 AV | | | 2.13 H | 309 | 103.3 | 2.6 |
| 5 | 5350.00 | 56.8 PK | 74.0 | -17.2 | 2.13 H | 309 | 54.2 | 2.6 |
| 6 | 5350.00 | 44.7 AV | 54.0 | -9.3 | 2.13 H | 309 | 42.1 | 2.6 |
| 7 | #10460.00 | 46.2 PK | 68.2 | -22.0 | 3.94 H | 216 | 33.8 | 12.4 |
| 8 | 15690.00 | 45.8 PK | 74.0 | -28.2 | 1.47 H | 198 | 33.4 | 12.4 |
| 9 | 15690.00 | 37.6 AV | 54.0 | -16.4 | 1.47 H | 198 | 25.2 | 12.4 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 69.7 PK | 74.0 | -4.3 | 1.47 V | 354 | 66.7 | 3.0 |
| 2 | 5150.00 | 53.6 AV | 54.0 | -0.4 | 1.47 V | 354 | 50.6 | 3.0 |
| 3 | *5230.00 | 116.7 PK | | | 1.47 V | 354 | 114.1 | 2.6 |
| 4 | *5230.00 | 107.1 AV | | | 1.47 V | 354 | 104.5 | 2.6 |
| 5 | 5350.00 | 58.9 PK | 74.0 | -15.1 | 1.47 V | 354 | 56.3 | 2.6 |
| 6 | 5350.00 | 46.5 AV | 54.0 | -7.5 | 1.47 V | 354 | 43.9 | 2.6 |
| 7 | #10460.00 | 45.7 PK | 68.2 | -22.5 | 3.96 V | 187 | 33.3 | 12.4 |
| 8 | 15690.00 | 46.1 PK | 74.0 | -27.9 | 3.15 V | 186 | 33.7 | 12.4 |
| 9 | 15690.00 | 37.3 AV | 54.0 | -16.7 | 3.15 V | 186 | 24.9 | 12.4 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 151 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5641.05 | 68.1 PK | 68.2 | -0.1 | 1.87 H | 307 | 64.8 | 3.3 |
| 2 | *5755.00 | 119.5 PK | | | 1.87 H | 307 | 116.2 | 3.3 |
| 3 | *5755.00 | 108.5 AV | | | 1.87 H | 307 | 105.2 | 3.3 |
| 4 | #5974.25 | 56.0 PK | 68.2 | -12.2 | 1.87 H | 307 | 51.9 | 4.1 |
| 5 | 11510.00 | 52.3 PK | 74.0 | -21.7 | 1.66 H | 164 | 39.8 | 12.5 |
| 6 | 11510.00 | 41.8 AV | 54.0 | -12.2 | 1.66 H | 164 | 29.3 | 12.5 |
| 7 | #17265.00 | 68.0 PK | 68.2 | -0.2 | 1.72 H | 116 | 51.4 | 16.6 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5640.75 | 63.7 PK | 68.2 | -4.5 | 1.71 V | 353 | 60.4 | 3.3 |
| 2 | *5755.00 | 118.2 PK | | | 1.71 V | 353 | 114.9 | 3.3 |
| 3 | *5755.00 | 107.3 AV | | | 1.71 V | 353 | 104.0 | 3.3 |
| 4 | #5930.48 | 57.2 PK | 68.2 | -11.0 | 1.71 V | 353 | 53.1 | 4.1 |
| 5 | 11510.00 | 53.1 PK | 74.0 | -20.9 | 3.97 V | 171 | 40.6 | 12.5 |
| 6 | 11510.00 | 41.0 AV | 54.0 | -13.0 | 3.97 V | 171 | 28.5 | 12.5 |
| 7 | #17265.00 | 63.7 PK | 68.2 | -4.5 | 3.19 V | 194 | 47.1 | 16.6 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 159 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5638.10 | 64.7 PK | 68.2 | -3.5 | 1.78 H | 307 | 61.4 | 3.3 |
| 2 | *5795.00 | 120.1 PK | | | 1.78 H | 307 | 116.6 | 3.5 |
| 3 | *5795.00 | 109.2 AV | | | 1.78 H | 307 | 105.7 | 3.5 |
| 4 | #5931.22 | 67.9 PK | 68.2 | -0.3 | 1.78 H | 307 | 63.8 | 4.1 |
| 5 | 11590.00 | 52.4 PK | 74.0 | -21.6 | 1.67 H | 161 | 40.1 | 12.3 |
| 6 | 11590.00 | 41.9 AV | 54.0 | -12.1 | 1.67 H | 161 | 29.6 | 12.3 |
| 7 | #17385.00 | 67.6 PK | 68.2 | -0.6 | 1.72 H | 111 | 51.1 | 16.5 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5647.23 | 60.8 PK | 68.2 | -7.4 | 1.48 V | 350 | 57.5 | 3.3 |
| 2 | *5795.00 | 119.5 PK | | | 1.48 V | 350 | 116.0 | 3.5 |
| 3 | *5795.00 | 107.9 AV | | | 1.48 V | 350 | 104.4 | 3.5 |
| 4 | #5925.61 | 64.0 PK | 68.2 | -4.2 | 1.48 V | 350 | 59.9 | 4.1 |
| 5 | 11590.00 | 52.6 PK | 74.0 | -21.4 | 3.90 V | 189 | 40.3 | 12.3 |
| 6 | 11590.00 | 40.5 AV | 54.0 | -13.5 | 3.90 V | 189 | 28.2 | 12.3 |
| 7 | #17385.00 | 63.3 PK | 68.2 | -4.9 | 3.23 V | 203 | 46.8 | 16.5 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (HE80)

| | | | |
|-----------------|---------------|----------------------|--------------|
| CHANNEL | TX Channel 42 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 67.0 PK | 74.0 | -7.0 | 2.06 H | 318 | 64.0 | 3.0 |
| 2 | 5150.00 | 50.2 AV | 54.0 | -3.8 | 2.06 H | 318 | 47.2 | 3.0 |
| 3 | *5210.00 | 110.1 PK | | | 2.06 H | 318 | 107.4 | 2.7 |
| 4 | *5210.00 | 96.7 AV | | | 2.06 H | 318 | 94.0 | 2.7 |
| 5 | 5350.00 | 54.0 PK | 74.0 | -20.0 | 2.06 H | 318 | 51.4 | 2.6 |
| 6 | 5350.00 | 42.1 AV | 54.0 | -11.9 | 2.06 H | 318 | 39.5 | 2.6 |
| 7 | #10420.00 | 46.6 PK | 68.2 | -21.6 | 3.98 H | 222 | 34.3 | 12.3 |
| 8 | 15630.00 | 50.0 PK | 74.0 | -24.0 | 1.82 H | 117 | 37.3 | 12.7 |
| 9 | 15630.00 | 39.7 AV | 54.0 | -14.3 | 1.82 H | 117 | 27.0 | 12.7 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 70.0 PK | 74.0 | -4.0 | 1.49 V | 355 | 67.0 | 3.0 |
| 2 | 5150.00 | 53.6 AV | 54.0 | -0.4 | 1.49 V | 355 | 50.6 | 3.0 |
| 3 | *5210.00 | 111.5 PK | | | 1.49 V | 355 | 108.8 | 2.7 |
| 4 | *5210.00 | 98.2 AV | | | 1.49 V | 355 | 95.5 | 2.7 |
| 5 | 5350.00 | 54.5 PK | 74.0 | -19.5 | 1.49 V | 355 | 51.9 | 2.6 |
| 6 | 5350.00 | 42.7 AV | 54.0 | -11.3 | 1.49 V | 355 | 40.1 | 2.6 |
| 7 | #10420.00 | 46.0 PK | 68.2 | -22.2 | 3.96 V | 198 | 33.7 | 12.3 |
| 8 | 15630.00 | 46.1 PK | 74.0 | -27.9 | 3.09 V | 190 | 33.4 | 12.7 |
| 9 | 15630.00 | 37.3 AV | 54.0 | -16.7 | 3.09 V | 190 | 24.6 | 12.7 |

REMARKS:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * ": Fundamental frequency.
- " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 155 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5645.59 | 67.3 PK | 68.2 | -0.9 | 1.73 H | 306 | 64.0 | 3.3 |
| 2 | *5775.00 | 114.3 PK | | | 1.73 H | 306 | 110.9 | 3.4 |
| 3 | *5775.00 | 101.7 AV | | | 1.73 H | 306 | 98.3 | 3.4 |
| 4 | #5926.28 | 58.8 PK | 68.2 | -9.4 | 1.73 H | 306 | 54.7 | 4.1 |
| 5 | 11550.00 | 52.7 PK | 74.0 | -21.3 | 1.65 H | 155 | 40.3 | 12.4 |
| 6 | 11550.00 | 41.9 AV | 54.0 | -12.1 | 1.65 H | 155 | 29.5 | 12.4 |
| 7 | #17325.00 | 60.3 PK | 68.2 | -7.9 | 1.69 H | 107 | 43.6 | 16.7 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5636.40 | 67.8 PK | 68.2 | -0.4 | 1.49 V | 353 | 64.5 | 3.3 |
| 2 | *5775.00 | 113.3 PK | | | 1.49 V | 353 | 109.9 | 3.4 |
| 3 | *5775.00 | 101.4 AV | | | 1.49 V | 353 | 98.0 | 3.4 |
| 4 | #5932.55 | 60.5 PK | 68.2 | -7.7 | 1.49 V | 353 | 56.4 | 4.1 |
| 5 | 11550.00 | 52.7 PK | 74.0 | -21.3 | 3.93 V | 183 | 40.3 | 12.4 |
| 6 | 11550.00 | 40.7 AV | 54.0 | -13.3 | 3.93 V | 183 | 28.3 | 12.4 |
| 7 | #17325.00 | 63.5 PK | 68.2 | -4.7 | 3.22 V | 199 | 46.8 | 16.7 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

BELOW 1GHz WORST-CASE DATA

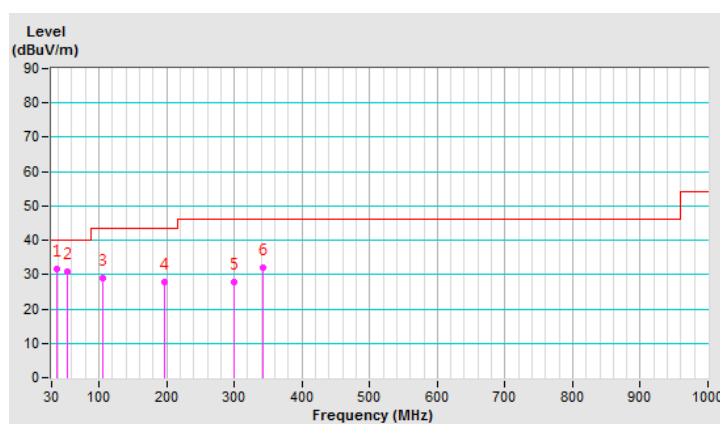
802.11ax (HE40)

| | | | |
|------------------------|----------------|--------------------------|-----------------|
| CHANNEL | TX Channel 159 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 9kHz ~ 1GHz | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 37.98 | 31.5 QP | 40.0 | -8.5 | 4.00 H | 265 | 39.7 | -8.2 |
| 2 | 52.75 | 30.8 QP | 40.0 | -9.2 | 1.50 H | 140 | 38.6 | -7.8 |
| 3 | 105.66 | 28.9 QP | 43.5 | -14.6 | 1.50 H | 82 | 39.9 | -11.0 |
| 4 | 196.21 | 27.8 QP | 43.5 | -15.7 | 1.00 H | 282 | 38.1 | -10.3 |
| 5 | 299.03 | 27.7 QP | 46.0 | -18.3 | 1.00 H | 280 | 34.1 | -6.4 |
| 6 | 341.71 | 32.1 QP | 46.0 | -13.9 | 1.00 H | 72 | 37.3 | -5.2 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

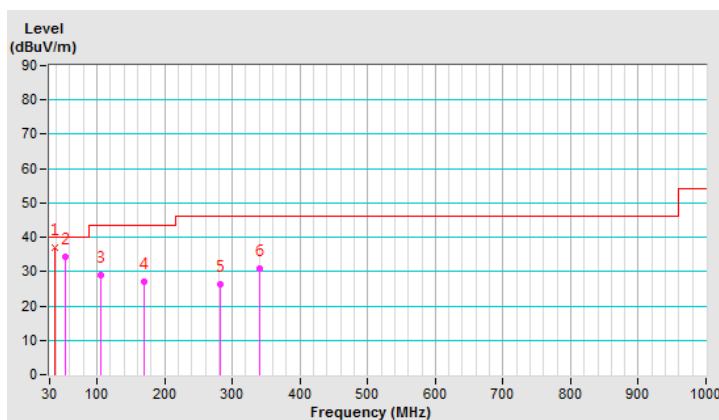


| | | | |
|------------------------|----------------|------------------------------|-----------------|
| CHANNEL | TX Channel 159 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 9kHz ~ 1GHz | | |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 37.84 | 37.0 QP | 40.0 | -3.0 | 1.00 V | 99 | 45.3 | -8.3 |
| 2 | 52.82 | 34.4 QP | 40.0 | -5.6 | 1.50 V | 196 | 42.2 | -7.8 |
| 3 | 105.56 | 29.1 QP | 43.5 | -14.4 | 4.00 V | 258 | 40.1 | -11.0 |
| 4 | 170.63 | 27.1 QP | 43.5 | -16.4 | 4.00 V | 360 | 34.7 | -7.6 |
| 5 | 282.76 | 26.3 QP | 46.0 | -19.7 | 1.00 V | 154 | 33.2 | -6.9 |
| 6 | 340.59 | 30.9 QP | 46.0 | -15.1 | 1.50 V | 0 | 36.1 | -5.2 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.1.18 Test Results (Mode 12)

ABOVE 1GHz DATA

802.11a

| | | | |
|------------------------|---------------|--------------------------|--------------|
| CHANNEL | TX Channel 36 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 73.3 PK | 74.0 | -0.7 | 2.85 H | 59 | 70.3 | 3.0 |
| 2 | 5150.00 | 53.6 AV | 54.0 | -0.4 | 2.85 H | 59 | 50.6 | 3.0 |
| 3 | *5180.00 | 118.2 PK | | | 2.85 H | 59 | 115.3 | 2.9 |
| 4 | *5180.00 | 108.6 AV | | | 2.85 H | 59 | 105.7 | 2.9 |
| 5 | #10360.00 | 45.3 PK | 68.2 | -22.9 | 1.43 H | 169 | 33.3 | 12.0 |
| 6 | 15540.00 | 46.7 PK | 74.0 | -27.3 | 3.17 H | 257 | 33.7 | 13.0 |
| 7 | 15540.00 | 36.3 AV | 54.0 | -17.7 | 3.17 H | 257 | 23.3 | 13.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 67.4 PK | 74.0 | -6.6 | 2.68 V | 49 | 64.4 | 3.0 |
| 2 | 5150.00 | 49.2 AV | 54.0 | -4.8 | 2.68 V | 49 | 46.2 | 3.0 |
| 3 | *5180.00 | 114.8 PK | | | 2.68 V | 49 | 111.9 | 2.9 |
| 4 | *5180.00 | 104.9 AV | | | 2.68 V | 49 | 102.0 | 2.9 |
| 5 | #10360.00 | 44.1 PK | 68.2 | -24.1 | 1.55 V | 186 | 32.1 | 12.0 |
| 6 | 15540.00 | 47.7 PK | 74.0 | -26.3 | 1.65 V | 205 | 34.7 | 13.0 |
| 7 | 15540.00 | 35.9 AV | 54.0 | -18.1 | 1.65 V | 205 | 22.9 | 13.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 40 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 72.4 PK | 74.0 | -1.6 | 3.04 H | 59 | 69.4 | 3.0 |
| 2 | 5150.00 | 52.7 AV | 54.0 | -1.3 | 3.04 H | 59 | 49.7 | 3.0 |
| 3 | *5200.00 | 121.6 PK | | | 3.04 H | 59 | 118.8 | 2.8 |
| 4 | *5200.00 | 112.1 AV | | | 3.04 H | 59 | 109.3 | 2.8 |
| 5 | 5350.00 | 55.4 PK | 74.0 | -18.6 | 3.04 H | 59 | 52.8 | 2.6 |
| 6 | 5350.00 | 43.5 AV | 54.0 | -10.5 | 3.04 H | 59 | 40.9 | 2.6 |
| 7 | #10400.00 | 47.3 PK | 68.2 | -20.9 | 1.48 H | 169 | 35.2 | 12.1 |
| 8 | 15600.00 | 47.1 PK | 74.0 | -26.9 | 3.22 H | 240 | 34.2 | 12.9 |
| 9 | 15600.00 | 37.0 AV | 54.0 | -17.0 | 3.22 H | 240 | 24.1 | 12.9 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 65.3 PK | 74.0 | -8.7 | 2.65 V | 55 | 62.3 | 3.0 |
| 2 | 5150.00 | 48.1 AV | 54.0 | -5.9 | 2.65 V | 55 | 45.1 | 3.0 |
| 3 | *5200.00 | 118.2 PK | | | 2.65 V | 55 | 115.4 | 2.8 |
| 4 | *5200.00 | 109.5 AV | | | 2.65 V | 55 | 106.7 | 2.8 |
| 5 | 5350.00 | 55.0 PK | 74.0 | -19.0 | 2.65 V | 55 | 52.4 | 2.6 |
| 6 | 5350.00 | 43.1 AV | 54.0 | -10.9 | 2.65 V | 55 | 40.5 | 2.6 |
| 7 | #10400.00 | 45.2 PK | 68.2 | -23.0 | 1.56 V | 161 | 33.1 | 12.1 |
| 8 | 15600.00 | 48.6 PK | 74.0 | -25.4 | 1.58 V | 214 | 35.7 | 12.9 |
| 9 | 15600.00 | 36.9 AV | 54.0 | -17.1 | 1.58 V | 214 | 24.0 | 12.9 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 48 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 57.5 PK | 74.0 | -16.5 | 3.04 H | 56 | 54.5 | 3.0 |
| 2 | 5150.00 | 45.3 AV | 54.0 | -8.7 | 3.04 H | 56 | 42.3 | 3.0 |
| 3 | *5240.00 | 120.2 PK | | | 3.04 H | 56 | 117.6 | 2.6 |
| 4 | *5240.00 | 111.1 AV | | | 3.04 H | 56 | 108.5 | 2.6 |
| 5 | 5350.00 | 57.0 PK | 74.0 | -17.0 | 3.04 H | 56 | 54.4 | 2.6 |
| 6 | 5350.00 | 45.0 AV | 54.0 | -9.0 | 3.04 H | 56 | 42.4 | 2.6 |
| 7 | #10480.00 | 46.3 PK | 68.2 | -21.9 | 1.44 H | 158 | 33.8 | 12.5 |
| 8 | 15720.00 | 47.2 PK | 74.0 | -26.8 | 3.17 H | 258 | 35.0 | 12.2 |
| 9 | 15720.00 | 37.0 AV | 54.0 | -17.0 | 3.17 H | 258 | 24.8 | 12.2 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 55.1 PK | 74.0 | -18.9 | 2.61 V | 48 | 52.1 | 3.0 |
| 2 | 5150.00 | 44.3 AV | 54.0 | -9.7 | 2.61 V | 48 | 41.3 | 3.0 |
| 3 | *5240.00 | 117.3 PK | | | 2.61 V | 48 | 114.7 | 2.6 |
| 4 | *5240.00 | 108.4 AV | | | 2.61 V | 48 | 105.8 | 2.6 |
| 5 | 5350.00 | 55.0 PK | 74.0 | -19.0 | 2.61 V | 48 | 52.4 | 2.6 |
| 6 | 5350.00 | 44.0 AV | 54.0 | -10.0 | 2.61 V | 48 | 41.4 | 2.6 |
| 7 | #10480.00 | 45.8 PK | 68.2 | -22.4 | 1.57 V | 166 | 33.3 | 12.5 |
| 8 | 15720.00 | 49.2 PK | 74.0 | -24.8 | 1.64 V | 211 | 37.0 | 12.2 |
| 9 | 15720.00 | 37.1 AV | 54.0 | -16.9 | 1.64 V | 211 | 24.9 | 12.2 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 149 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5646.92 | 67.8 PK | 68.2 | -0.4 | 3.16 H | 64 | 64.5 | 3.3 |
| 2 | *5745.00 | 125.4 PK | | | 3.17 H | 64 | 122.1 | 3.3 |
| 3 | *5745.00 | 115.0 AV | | | 3.17 H | 64 | 111.7 | 3.3 |
| 4 | #5936.84 | 54.7 PK | 68.2 | -13.5 | 3.16 H | 64 | 50.5 | 4.2 |
| 5 | 11490.00 | 54.9 PK | 74.0 | -19.1 | 2.92 H | 225 | 42.3 | 12.6 |
| 6 | 11490.00 | 43.4 AV | 54.0 | -10.6 | 2.92 H | 225 | 30.8 | 12.6 |
| 7 | #17235.00 | 67.6 PK | 68.2 | -0.6 | 1.64 H | 150 | 50.8 | 16.8 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5640.18 | 63.4 PK | 68.2 | -4.8 | 3.91 V | 30 | 60.1 | 3.3 |
| 2 | *5745.00 | 121.7 PK | | | 3.91 V | 31 | 118.4 | 3.3 |
| 3 | *5745.00 | 111.4 AV | | | 3.91 V | 31 | 108.1 | 3.3 |
| 4 | #5972.12 | 54.2 PK | 68.2 | -14.0 | 3.91 V | 30 | 50.1 | 4.1 |
| 5 | 11490.00 | 52.8 PK | 74.0 | -21.2 | 1.35 V | 186 | 40.2 | 12.6 |
| 6 | 11490.00 | 40.4 AV | 54.0 | -13.6 | 1.35 V | 186 | 27.8 | 12.6 |
| 7 | #17235.00 | 66.1 PK | 68.2 | -2.1 | 1.62 V | 228 | 49.3 | 16.8 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 157 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5649.65 | 66.4 PK | 68.2 | -1.8 | 3.14 H | 62 | 63.1 | 3.3 |
| 2 | *5785.00 | 126.1 PK | | | 3.15 H | 62 | 122.7 | 3.4 |
| 3 | *5785.00 | 115.4 AV | | | 3.15 H | 62 | 112.0 | 3.4 |
| 4 | #5933.65 | 61.6 PK | 68.2 | -6.6 | 3.14 H | 62 | 57.4 | 4.2 |
| 5 | 11570.00 | 54.6 PK | 74.0 | -19.4 | 2.94 H | 230 | 42.4 | 12.2 |
| 6 | 11570.00 | 43.1 AV | 54.0 | -10.9 | 2.94 H | 230 | 30.9 | 12.2 |
| 7 | #17355.00 | 67.0 PK | 68.2 | -1.2 | 1.62 H | 160 | 50.4 | 16.6 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5635.63 | 60.7 PK | 68.2 | -7.5 | 3.92 V | 2 | 57.4 | 3.3 |
| 2 | *5785.00 | 123.1 PK | | | 3.92 V | 3 | 119.7 | 3.4 |
| 3 | *5785.00 | 112.3 AV | | | 3.92 V | 3 | 108.9 | 3.4 |
| 4 | #5929.60 | 59.0 PK | 68.2 | -9.2 | 3.92 V | 2 | 54.9 | 4.1 |
| 5 | 11570.00 | 53.3 PK | 74.0 | -20.7 | 1.35 V | 184 | 41.1 | 12.2 |
| 6 | 11570.00 | 40.8 AV | 54.0 | -13.2 | 1.35 V | 184 | 28.6 | 12.2 |
| 7 | #17355.00 | 65.8 PK | 68.2 | -2.4 | 1.63 V | 217 | 49.2 | 16.6 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 165 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5638.55 | 58.8 PK | 68.2 | -9.4 | 3.16 H | 74 | 55.5 | 3.3 |
| 2 | *5825.00 | 124.3 PK | | | 3.16 H | 74 | 120.7 | 3.6 |
| 3 | *5825.00 | 113.7 AV | | | 3.16 H | 74 | 110.1 | 3.6 |
| 4 | #5938.88 | 67.7 PK | 68.2 | -0.5 | 3.16 H | 74 | 63.5 | 4.2 |
| 5 | 11650.00 | 54.5 PK | 74.0 | -19.5 | 2.98 H | 229 | 42.1 | 12.4 |
| 6 | 11650.00 | 43.0 AV | 54.0 | -11.0 | 2.98 H | 229 | 30.6 | 12.4 |
| 7 | #17475.00 | 67.6 PK | 68.2 | -0.6 | 1.67 H | 148 | 50.6 | 17.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5609.76 | 58.0 PK | 68.2 | -10.2 | 3.90 V | 13 | 54.7 | 3.3 |
| 2 | *5825.00 | 122.8 PK | | | 3.90 V | 13 | 119.2 | 3.6 |
| 3 | *5825.00 | 112.1 AV | | | 3.90 V | 13 | 108.5 | 3.6 |
| 4 | #5928.11 | 65.8 PK | 68.2 | -2.4 | 3.90 V | 13 | 61.7 | 4.1 |
| 5 | 11650.00 | 53.7 PK | 74.0 | -20.3 | 1.33 V | 176 | 41.3 | 12.4 |
| 6 | 11650.00 | 41.3 AV | 54.0 | -12.7 | 1.33 V | 176 | 28.9 | 12.4 |
| 7 | #17475.00 | 65.7 PK | 68.2 | -2.5 | 1.65 V | 229 | 48.7 | 17.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (HE20)

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 36 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 68.9 PK | 74.0 | -5.1 | 2.64 H | 64 | 65.9 | 3.0 |
| 2 | 5150.00 | 53.6 AV | 54.0 | -0.4 | 2.64 H | 64 | 50.6 | 3.0 |
| 3 | *5180.00 | 118.3 PK | | | 2.64 H | 64 | 115.4 | 2.9 |
| 4 | *5180.00 | 106.7 AV | | | 2.64 H | 64 | 103.8 | 2.9 |
| 5 | #10360.00 | 45.3 PK | 68.2 | -22.9 | 1.52 H | 150 | 33.3 | 12.0 |
| 6 | 15540.00 | 45.6 PK | 74.0 | -28.4 | 3.20 H | 260 | 32.6 | 13.0 |
| 7 | 15540.00 | 35.0 AV | 54.0 | -19.0 | 3.20 H | 260 | 22.0 | 13.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 64.3 PK | 74.0 | -9.7 | 2.67 V | 59 | 61.3 | 3.0 |
| 2 | 5150.00 | 50.1 AV | 54.0 | -3.9 | 2.67 V | 59 | 47.1 | 3.0 |
| 3 | *5180.00 | 115.7 PK | | | 2.67 V | 59 | 112.8 | 2.9 |
| 4 | *5180.00 | 103.4 AV | | | 2.67 V | 59 | 100.5 | 2.9 |
| 5 | #10360.00 | 43.7 PK | 68.2 | -24.5 | 1.52 V | 160 | 31.7 | 12.0 |
| 6 | 15540.00 | 46.8 PK | 74.0 | -27.2 | 1.65 V | 202 | 33.8 | 13.0 |
| 7 | 15540.00 | 35.0 AV | 54.0 | -19.0 | 1.65 V | 202 | 22.0 | 13.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 40 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 70.6 PK | 74.0 | -3.4 | 2.93 H | 62 | 67.6 | 3.0 |
| 2 | 5150.00 | 53.6 AV | 54.0 | -0.4 | 2.93 H | 62 | 50.6 | 3.0 |
| 3 | *5200.00 | 121.4 PK | | | 2.93 H | 62 | 118.6 | 2.8 |
| 4 | *5200.00 | 110.2 AV | | | 2.93 H | 62 | 107.4 | 2.8 |
| 5 | 5350.00 | 55.7 PK | 74.0 | -18.3 | 2.93 H | 62 | 53.1 | 2.6 |
| 6 | 5350.00 | 43.2 AV | 54.0 | -10.8 | 2.93 H | 62 | 40.6 | 2.6 |
| 7 | #10400.00 | 47.1 PK | 68.2 | -21.1 | 1.48 H | 161 | 35.0 | 12.1 |
| 8 | 15600.00 | 47.3 PK | 74.0 | -26.7 | 3.17 H | 255 | 34.4 | 12.9 |
| 9 | 15600.00 | 36.7 AV | 54.0 | -17.3 | 3.17 H | 255 | 23.8 | 12.9 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 65.4 PK | 74.0 | -8.6 | 2.69 V | 64 | 62.4 | 3.0 |
| 2 | 5150.00 | 50.3 AV | 54.0 | -3.7 | 2.69 V | 64 | 47.3 | 3.0 |
| 3 | *5200.00 | 119.1 PK | | | 2.69 V | 64 | 116.3 | 2.8 |
| 4 | *5200.00 | 106.8 AV | | | 2.69 V | 64 | 104.0 | 2.8 |
| 5 | 5350.00 | 55.3 PK | 74.0 | -18.7 | 2.69 V | 64 | 52.7 | 2.6 |
| 6 | 5350.00 | 42.7 AV | 54.0 | -11.3 | 2.69 V | 64 | 40.1 | 2.6 |
| 7 | #10400.00 | 45.9 PK | 68.2 | -22.3 | 1.48 V | 187 | 33.8 | 12.1 |
| 8 | 15600.00 | 49.2 PK | 74.0 | -24.8 | 1.59 V | 208 | 36.3 | 12.9 |
| 9 | 15600.00 | 37.3 AV | 54.0 | -16.7 | 1.59 V | 208 | 24.4 | 12.9 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 48 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | *5240.00 | 120.5 PK | | | 3.05 H | 70 | 117.9 | 2.6 |
| 2 | *5240.00 | 108.6 AV | | | 3.05 H | 70 | 106.0 | 2.6 |
| 3 | 5350.00 | 55.5 PK | 74.0 | -18.5 | 3.05 H | 70 | 52.9 | 2.6 |
| 4 | 5350.00 | 43.4 AV | 54.0 | -10.6 | 3.05 H | 70 | 40.8 | 2.6 |
| 5 | #10480.00 | 47.3 PK | 68.2 | -20.9 | 1.43 H | 174 | 34.8 | 12.5 |
| 6 | 15720.00 | 47.4 PK | 74.0 | -26.6 | 3.23 H | 238 | 35.2 | 12.2 |
| 7 | 15720.00 | 37.0 AV | 54.0 | -17.0 | 3.23 H | 238 | 24.8 | 12.2 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | *5240.00 | 117.2 PK | | | 2.60 V | 66 | 114.6 | 2.6 |
| 2 | *5240.00 | 104.4 AV | | | 2.60 V | 66 | 101.8 | 2.6 |
| 3 | 5350.00 | 55.1 PK | 74.0 | -18.9 | 2.60 V | 66 | 52.5 | 2.6 |
| 4 | 5350.00 | 42.7 AV | 54.0 | -11.3 | 2.60 V | 66 | 40.1 | 2.6 |
| 5 | #10480.00 | 45.2 PK | 68.2 | -23.0 | 1.48 V | 187 | 32.7 | 12.5 |
| 6 | 15720.00 | 49.1 PK | 74.0 | -24.9 | 1.59 V | 195 | 36.9 | 12.2 |
| 7 | 15720.00 | 37.1 AV | 54.0 | -16.9 | 1.59 V | 195 | 24.9 | 12.2 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 149 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5631.83 | 66.5 PK | 68.2 | -1.7 | 3.33 H | 61 | 63.2 | 3.3 |
| 2 | *5745.00 | 124.9 PK | | | 3.33 H | 61 | 121.6 | 3.3 |
| 3 | *5745.00 | 112.9 AV | | | 3.33 H | 61 | 109.6 | 3.3 |
| 4 | #5935.65 | 54.4 PK | 68.2 | -13.8 | 3.33 H | 61 | 50.2 | 4.2 |
| 5 | 11490.00 | 55.6 PK | 74.0 | -18.4 | 2.96 H | 220 | 43.0 | 12.6 |
| 6 | 11490.00 | 43.7 AV | 54.0 | -10.3 | 2.96 H | 220 | 31.1 | 12.6 |
| 7 | #17235.00 | 64.3 PK | 68.2 | -3.9 | 1.67 H | 137 | 47.5 | 16.8 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5632.31 | 63.5 PK | 68.2 | -4.7 | 3.98 V | 6 | 60.2 | 3.3 |
| 2 | *5745.00 | 121.3 PK | | | 3.98 V | 6 | 118.0 | 3.3 |
| 3 | *5745.00 | 110.3 AV | | | 3.98 V | 6 | 107.0 | 3.3 |
| 4 | #5978.05 | 56.0 PK | 68.2 | -12.2 | 3.98 V | 6 | 51.9 | 4.1 |
| 5 | 11490.00 | 53.6 PK | 74.0 | -20.4 | 1.25 V | 171 | 41.0 | 12.6 |
| 6 | 11490.00 | 40.5 AV | 54.0 | -13.5 | 1.25 V | 171 | 27.9 | 12.6 |
| 7 | #17235.00 | 60.4 PK | 68.2 | -7.8 | 1.74 V | 239 | 43.6 | 16.8 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 157 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5648.72 | 66.6 PK | 68.2 | -1.6 | 2.50 H | 64 | 63.3 | 3.3 |
| 2 | *5785.00 | 125.3 PK | | | 2.50 H | 64 | 121.9 | 3.4 |
| 3 | *5785.00 | 113.2 AV | | | 2.50 H | 64 | 109.8 | 3.4 |
| 4 | #5958.94 | 63.8 PK | 68.2 | -4.4 | 2.50 H | 64 | 59.6 | 4.2 |
| 5 | 11570.00 | 56.1 PK | 74.0 | -17.9 | 2.97 H | 235 | 43.9 | 12.2 |
| 6 | 11570.00 | 44.1 AV | 54.0 | -9.9 | 2.97 H | 235 | 31.9 | 12.2 |
| 7 | #17355.00 | 63.9 PK | 68.2 | -4.3 | 1.62 H | 123 | 47.3 | 16.6 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5646.41 | 63.0 PK | 68.2 | -5.2 | 3.95 V | 17 | 59.7 | 3.3 |
| 2 | *5785.00 | 121.9 PK | | | 3.95 V | 17 | 118.5 | 3.4 |
| 3 | *5785.00 | 110.8 AV | | | 3.95 V | 17 | 107.4 | 3.4 |
| 4 | #5927.02 | 60.6 PK | 68.2 | -7.6 | 3.95 V | 17 | 56.5 | 4.1 |
| 5 | 11570.00 | 53.9 PK | 74.0 | -20.1 | 1.23 V | 160 | 41.7 | 12.2 |
| 6 | 11570.00 | 41.0 AV | 54.0 | -13.0 | 1.23 V | 160 | 28.8 | 12.2 |
| 7 | #17355.00 | 60.6 PK | 68.2 | -7.6 | 1.73 V | 235 | 44.0 | 16.6 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|----------------|------------------------------|--------------|
| CHANNEL | TX Channel 165 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5590.92 | 59.0 PK | 68.2 | -9.2 | 3.23 H | 62 | 55.7 | 3.3 |
| 2 | *5825.00 | 124.3 PK | | | 3.23 H | 62 | 120.7 | 3.6 |
| 3 | *5825.00 | 113.1 AV | | | 3.23 H | 62 | 109.5 | 3.6 |
| 4 | #5928.71 | 67.7 PK | 68.2 | -0.5 | 3.23 H | 62 | 63.6 | 4.1 |
| 5 | 11650.00 | 55.1 PK | 74.0 | -18.9 | 2.93 H | 219 | 42.7 | 12.4 |
| 6 | 11650.00 | 43.3 AV | 54.0 | -10.7 | 2.93 H | 219 | 30.9 | 12.4 |
| 7 | #17475.00 | 64.8 PK | 68.2 | -3.4 | 1.62 H | 143 | 47.8 | 17.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | #5595.45 | 57.5 PK | 68.2 | -10.7 | 3.75 V | 16 | 54.2 | 3.3 |
| 2 | *5825.00 | 121.3 PK | | | 3.75 V | 16 | 117.7 | 3.6 |
| 3 | *5825.00 | 110.4 AV | | | 3.75 V | 16 | 106.8 | 3.6 |
| 4 | #5929.66 | 65.0 PK | 68.2 | -3.2 | 3.75 V | 16 | 60.9 | 4.1 |
| 5 | 11650.00 | 53.7 PK | 74.0 | -20.3 | 1.21 V | 158 | 41.3 | 12.4 |
| 6 | 11650.00 | 40.3 AV | 54.0 | -13.7 | 1.21 V | 158 | 27.9 | 12.4 |
| 7 | #17475.00 | 60.0 PK | 68.2 | -8.2 | 1.70 V | 229 | 43.0 | 17.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (HE40)

| | | | |
|-----------------|---------------|----------------------|--------------|
| CHANNEL | TX Channel 38 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 64.7 PK | 74.0 | -9.3 | 2.95 H | 70 | 61.7 | 3.0 |
| 2 | 5150.00 | 53.7 AV | 54.0 | -0.3 | 2.95 H | 70 | 50.7 | 3.0 |
| 3 | *5190.00 | 113.0 PK | | | 2.95 H | 70 | 110.1 | 2.9 |
| 4 | *5190.00 | 102.4 AV | | | 2.95 H | 70 | 99.5 | 2.9 |
| 5 | #10380.00 | 45.8 PK | 68.2 | -22.4 | 1.46 H | 160 | 33.6 | 12.2 |
| 6 | 15570.00 | 46.0 PK | 74.0 | -28.0 | 3.24 H | 241 | 33.0 | 13.0 |
| 7 | 15570.00 | 35.4 AV | 54.0 | -18.6 | 3.24 H | 241 | 22.4 | 13.0 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 61.7 PK | 74.0 | -12.3 | 2.58 V | 60 | 58.7 | 3.0 |
| 2 | 5150.00 | 49.7 AV | 54.0 | -4.3 | 2.58 V | 60 | 46.7 | 3.0 |
| 3 | *5190.00 | 109.3 PK | | | 2.58 V | 60 | 106.4 | 2.9 |
| 4 | *5190.00 | 98.6 AV | | | 2.58 V | 60 | 95.7 | 2.9 |
| 5 | #10380.00 | 45.1 PK | 68.2 | -23.1 | 1.58 V | 167 | 32.9 | 12.2 |
| 6 | 15570.00 | 46.3 PK | 74.0 | -27.7 | 1.62 V | 220 | 33.3 | 13.0 |
| 7 | 15570.00 | 34.7 AV | 54.0 | -19.3 | 1.62 V | 220 | 21.7 | 13.0 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

| | | | |
|------------------------|---------------|------------------------------|--------------|
| CHANNEL | TX Channel 46 | DETECTOR FUNCTION | Peak (PK) |
| FREQUENCY RANGE | 1GHz ~ 40GHz | | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 66.8 PK | 74.0 | -7.2 | 3.11 H | 61 | 63.8 | 3.0 |
| 2 | 5150.00 | 53.4 AV | 54.0 | -0.6 | 3.11 H | 61 | 50.4 | 3.0 |
| 3 | *5230.00 | 118.6 PK | | | 3.11 H | 61 | 116.0 | 2.6 |
| 4 | *5230.00 | 107.3 AV | | | 3.11 H | 61 | 104.7 | 2.6 |
| 5 | 5350.00 | 58.5 PK | 74.0 | -15.5 | 3.11 H | 61 | 55.9 | 2.6 |
| 6 | 5350.00 | 45.2 AV | 54.0 | -8.8 | 3.11 H | 61 | 42.6 | 2.6 |
| 7 | #10460.00 | 47.1 PK | 68.2 | -21.1 | 1.44 H | 159 | 34.7 | 12.4 |
| 8 | 15690.00 | 47.2 PK | 74.0 | -26.8 | 3.17 H | 238 | 34.8 | 12.4 |
| 9 | 15690.00 | 36.9 AV | 54.0 | -17.1 | 3.17 H | 238 | 24.5 | 12.4 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 5150.00 | 63.4 PK | 74.0 | -10.6 | 2.67 V | 50 | 60.4 | 3.0 |
| 2 | 5150.00 | 51.2 AV | 54.0 | -2.8 | 2.67 V | 50 | 48.2 | 3.0 |
| 3 | *5230.00 | 115.8 PK | | | 2.67 V | 50 | 113.2 | 2.6 |
| 4 | *5230.00 | 104.5 AV | | | 2.67 V | 50 | 101.9 | 2.6 |
| 5 | 5350.00 | 56.6 PK | 74.0 | -17.4 | 2.67 V | 50 | 54.0 | 2.6 |
| 6 | 5350.00 | 44.4 AV | 54.0 | -9.6 | 2.67 V | 50 | 41.8 | 2.6 |
| 7 | #10460.00 | 45.5 PK | 68.2 | -22.7 | 1.51 V | 183 | 33.1 | 12.4 |
| 8 | 15690.00 | 48.7 PK | 74.0 | -25.3 | 1.59 V | 202 | 36.3 | 12.4 |
| 9 | 15690.00 | 36.9 AV | 54.0 | -17.1 | 1.59 V | 202 | 24.5 | 12.4 |

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.