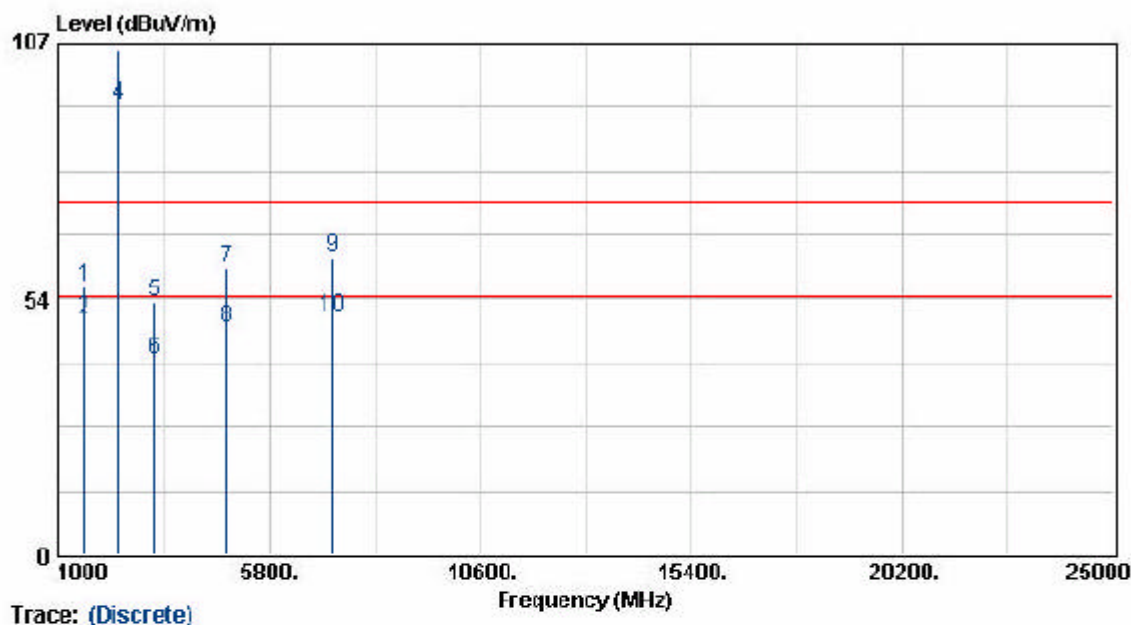


EUT : MR1000  
 Power : 110V  
 Test Mode : Transmit/Receive  
 Operation Channel : 1  
 Modulation Type : 802.11g  
 Rate : 54 Mbps

Pol/Phase : HORIZONTAL  
 Temperature : 24 °C  
 Humidity : 68 %  
 Atmospheric Pressure : 1028 mmHg



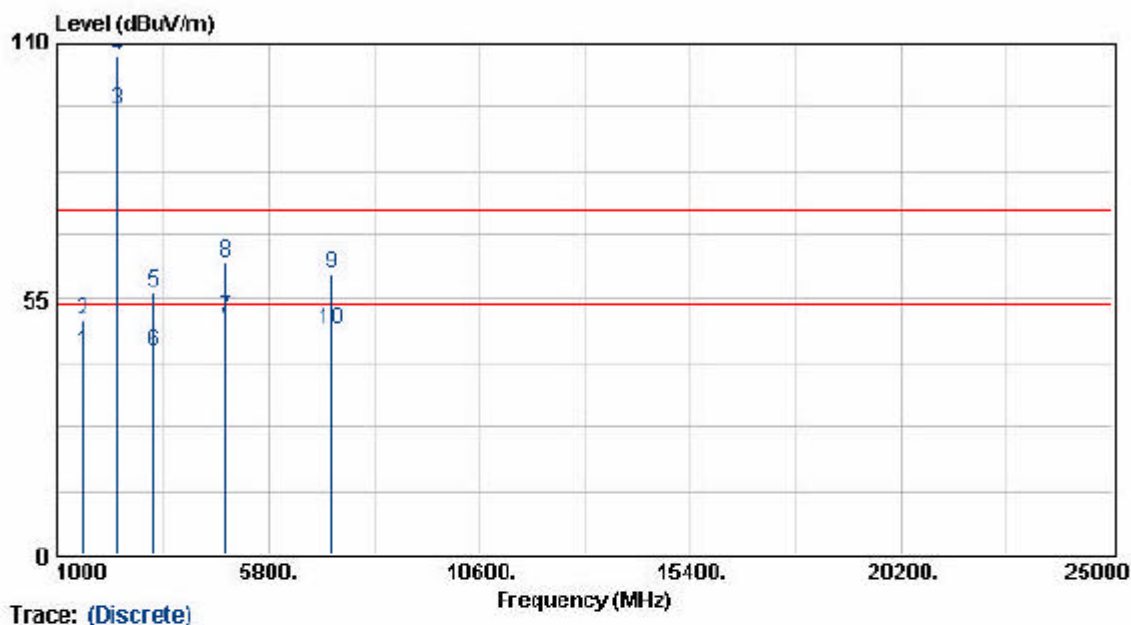
| Frequency (MHz) | Meter Reading (dBuV) | Corrected Factor (dBuV/m) | Result (dBuV/m) | Limit (dB) | Margin (dB) | Remark  | Table Deg. | Ant. High (cm) |
|-----------------|----------------------|---------------------------|-----------------|------------|-------------|---------|------------|----------------|
| 1608.00         | 58.43                | -2.37                     | 56.06           | 74.00      | -17.94      | Peak    | 102        | 100            |
| 1608.00         | 51.67                | -2.37                     | 49.30           | 54.00      | -4.70       | Average | 102        | 100            |
| 2414.60         | 104.26               | 1.33                      | 105.59          | 74.00      | 31.59       | Peak    | 64         | 100            |
| 2414.60         | 92.88                | 1.33                      | 94.21           | 54.00      | 40.21       | Average | 64         | 100            |
| 3216.00         | 48.73                | 4.09                      | 52.82           | 74.00      | -21.18      | Peak    | 346        | 100            |
| 3216.00         | 36.72                | 4.09                      | 40.81           | 54.00      | -13.19      | Average | 346        | 100            |
| 4824.90         | 51.86                | 8.13                      | 59.99           | 74.00      | -14.01      | Peak    | 64         | 100            |
| 4824.90         | 39.27                | 8.13                      | 47.40           | 54.00      | -6.60       | Average | 64         | 100            |
| 7238.40         | 50.31                | 11.90                     | 62.21           | 74.00      | -11.79      | Peak    | 64         | 100            |
| 7238.40         | 38.03                | 11.90                     | 49.93           | 54.00      | -4.07       | Average | 64         | 100            |

## Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT : MR1000  
 Power : 110V  
 Test Mode : Transmit/Receive  
 Operation Channel : 1  
 Modulation Type : 802.11g  
 Rate : 54 Mbps

Pol/Phase : VERTICAL  
 Temperature : 24 °C  
 Humidity : 68 %  
 Atmospheric Pressure : 1028 mmHg

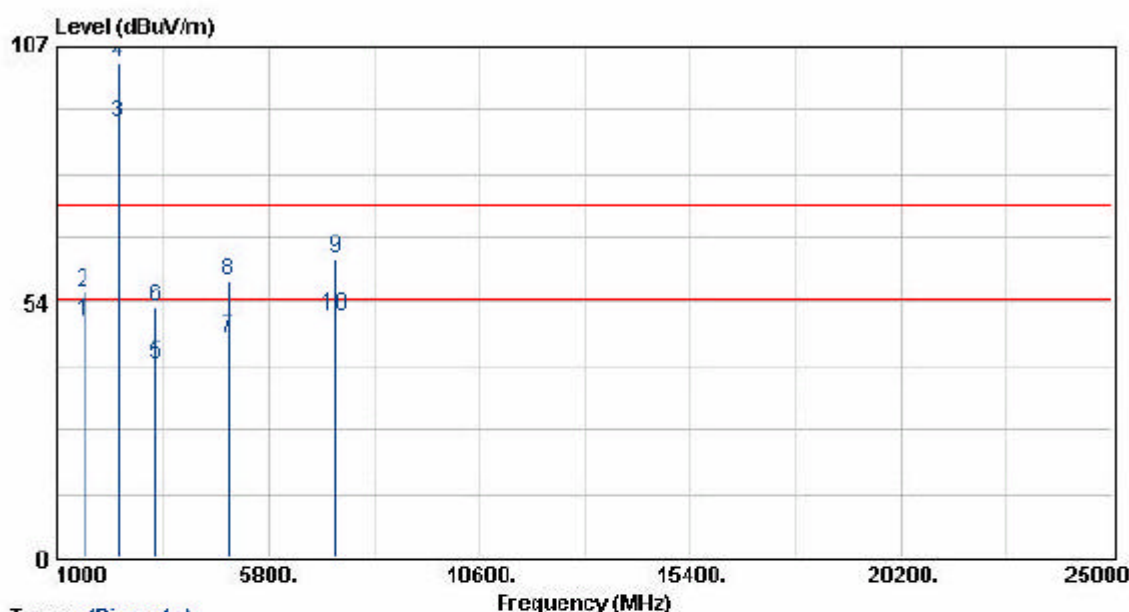


| Frequency (MHz) | Meter Reading (dBuV) | Corrected Factor (dBuV/m) | Result (dBuV/m) | Limit (dB) | Margin (dB) | Remark  | Table Deg. | Ant High (cm) |
|-----------------|----------------------|---------------------------|-----------------|------------|-------------|---------|------------|---------------|
| 1608.00         | 46.63                | -2.92                     | 43.71           | 54.00      | -10.29      | Average | 308        | 100           |
| 1608.00         | 53.44                | -2.92                     | 50.52           | 74.00      | -23.48      | Peak    | 308        | 100           |
| 2415.60         | 94.93                | 0.64                      | 95.57           | 54.00      | 41.57       | Average | 129        | 100           |
| 2415.60         | 106.63               | 0.64                      | 107.27          | 74.00      | 33.27       | Peak    | 129        | 100           |
| 3215.90         | 52.99                | 3.29                      | 56.28           | 74.00      | -17.72      | Peak    | 170        | 100           |
| 3215.90         | 40.27                | 3.29                      | 43.56           | 54.00      | -10.44      | Average | 170        | 100           |
| 4823.70         | 43.46                | 7.36                      | 50.82           | 54.00      | -3.18       | Average | 129        | 100           |
| 4823.70         | 55.58                | 7.36                      | 62.94           | 74.00      | -11.06      | Peak    | 129        | 100           |
| 7238.10         | 49.42                | 11.06                     | 60.48           | 74.00      | -13.52      | Peak    | 129        | 100           |
| 7238.10         | 37.41                | 11.06                     | 48.47           | 54.00      | -5.53       | Average | 129        | 100           |

## Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

|                   |                    |                      |              |
|-------------------|--------------------|----------------------|--------------|
| EUT               | : MR1000           | Pol/Phase            | : HORIZONTAL |
| Power             | : 110V             | Temperature          | : 24 °C      |
| Test Mode         | : Transmit/Receive | Humidity             | : 68 %       |
| Operation Channel | : 6                | Atmospheric Pressure | : 1028 mmHg  |
| Modulation Type   | : 802.11g          |                      |              |
| Rate              | : 54 Mbps          |                      |              |



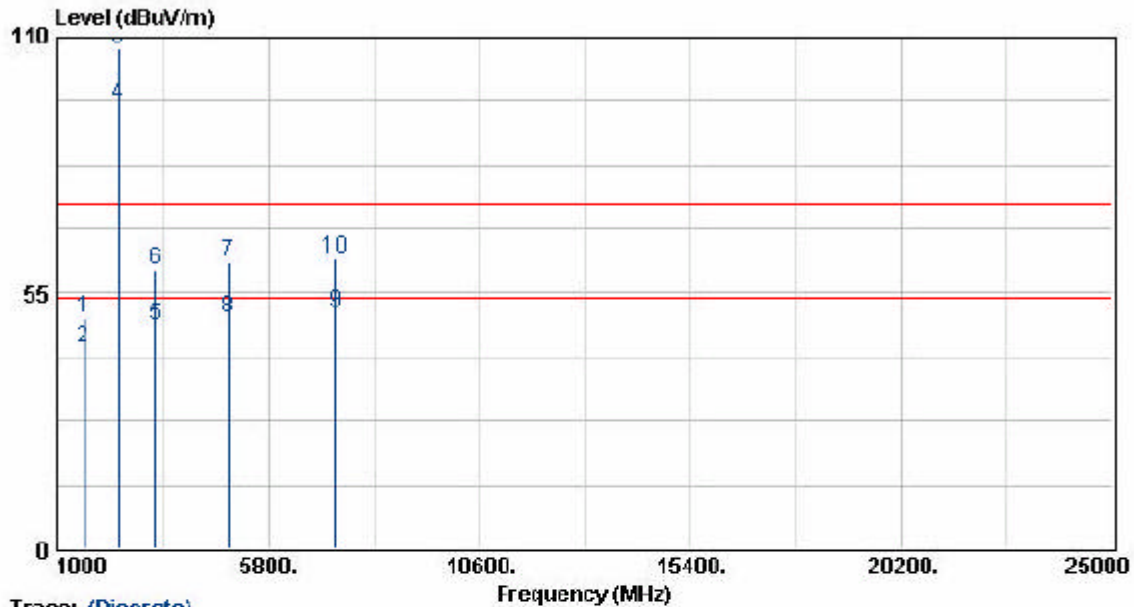
| Frequency (MHz) | Meter Reading (dBuV) | Corrected Factor (dBuV/m) | Result (dBuV/m) | Limit (dB) | Margin (dB) | Remark  | Table Deg. | Ant High (cm) |
|-----------------|----------------------|---------------------------|-----------------|------------|-------------|---------|------------|---------------|
| 1624.70         | 51.68                | -2.28                     | 49.40           | 54.00      | -4.60       | Average | 102        | 100           |
| 1624.70         | 57.76                | -2.28                     | 55.48           | 74.00      | -18.52      | Peak    | 102        | 100           |
| 2434.50         | 89.69                | 1.40                      | 91.09           | 54.00      | 37.09       | Average | 64         | 100           |
| 2434.50         | 101.94               | 1.40                      | 103.34          | 74.00      | 29.34       | Peak    | 64         | 100           |
| 3249.30         | 36.47                | 4.19                      | 40.66           | 54.00      | -13.34      | Average | 246        | 100           |
| 3249.30         | 48.18                | 4.19                      | 52.37           | 74.00      | -21.63      | Peak    | 246        | 100           |
| 4875.00         | 37.44                | 8.32                      | 45.76           | 54.00      | -8.24       | Average | 64         | 100           |
| 4875.00         | 49.67                | 8.32                      | 57.99           | 74.00      | -16.01      | Peak    | 64         | 100           |
| 7312.50         | 50.60                | 12.05                     | 62.65           | 74.00      | -11.35      | Peak    | 64         | 100           |
| 7312.50         | 38.47                | 12.05                     | 50.52           | 54.00      | -3.48       | Average | 64         | 100           |

## Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT : MR1000  
 Power : 110V  
 Test Mode : Transmit/Receive  
 Operation Channel : 6  
 Modulation Type : 802.11g  
 Rate : 54 Mbps

Pol/Phase : VERTICAL  
 Temperature : 24 °C  
 Humidity : 68 %  
 Atmospheric Pressure : 1028 mmHg



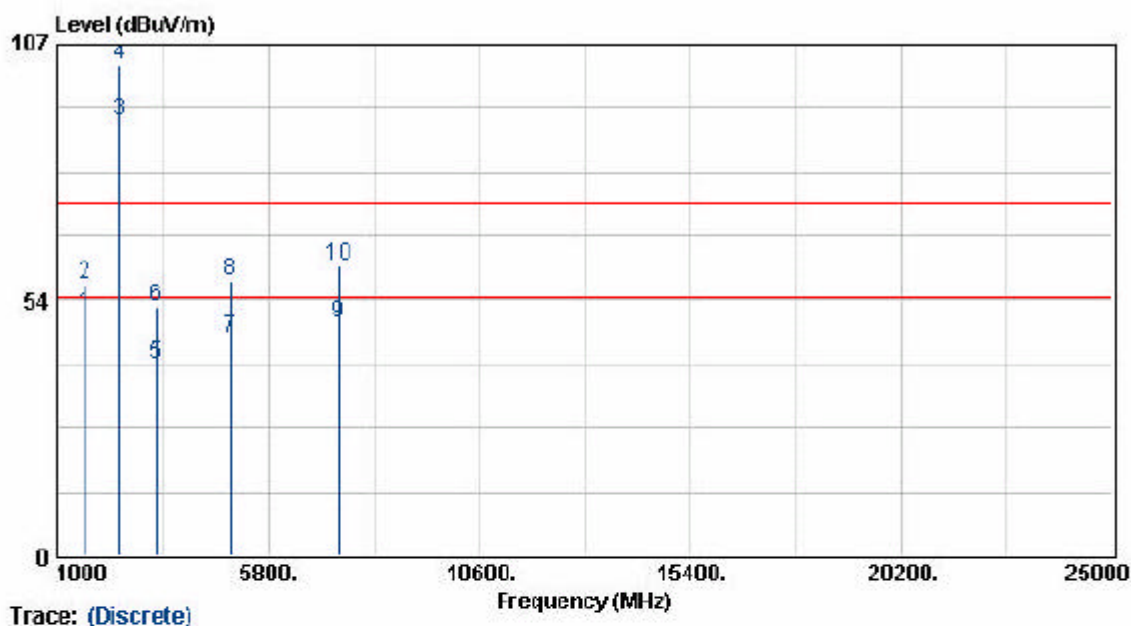
| Frequency (MHz) | Meter Reading (dBuV) | Corrected Factor (dBuV/m) | Result (dBuV/m) | Limit (dB) | Margin (dB) | Remark  | Table Deg. | Ant High (cm) |
|-----------------|----------------------|---------------------------|-----------------|------------|-------------|---------|------------|---------------|
| 1624.70         | 52.50                | -2.83                     | 49.67           | 74.00      | -24.33      | Peak    | 308        | 100           |
| 1624.70         | 46.17                | -2.83                     | 43.34           | 54.00      | -10.66      | Average | 308        | 100           |
| 2435.00         | 106.81               | 0.71                      | 107.52          | 74.00      | 33.52       | Peak    | 129        | 100           |
| 2435.00         | 94.91                | 0.71                      | 95.62           | 54.00      | 41.62       | Average | 129        | 100           |
| 3249.40         | 44.78                | 3.39                      | 48.17           | 54.00      | -5.83       | Average | 170        | 100           |
| 3249.40         | 56.43                | 3.39                      | 59.82           | 74.00      | -14.18      | Peak    | 170        | 100           |
| 4873.60         | 54.13                | 7.54                      | 61.67           | 74.00      | -12.33      | Peak    | 129        | 100           |
| 4873.60         | 42.11                | 7.54                      | 49.65           | 54.00      | -4.35       | Average | 129        | 100           |
| 7313.80         | 39.64                | 11.14                     | 50.78           | 54.00      | -3.22       | Average | 129        | 100           |
| 7313.80         | 51.13                | 11.14                     | 62.27           | 74.00      | -11.73      | Peak    | 129        | 100           |

## Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT : MR1000  
 Power : 110V  
 Test Mode : Transmit/Receive  
 Operation Channel : 11  
 Modulation Type : 802.11g  
 Rate : 54 Mbps

Pol/Phase : HORIZONTAL  
 Temperature : 24 °C  
 Humidity : 68 %  
 Atmospheric Pressure : 1028 mmHg



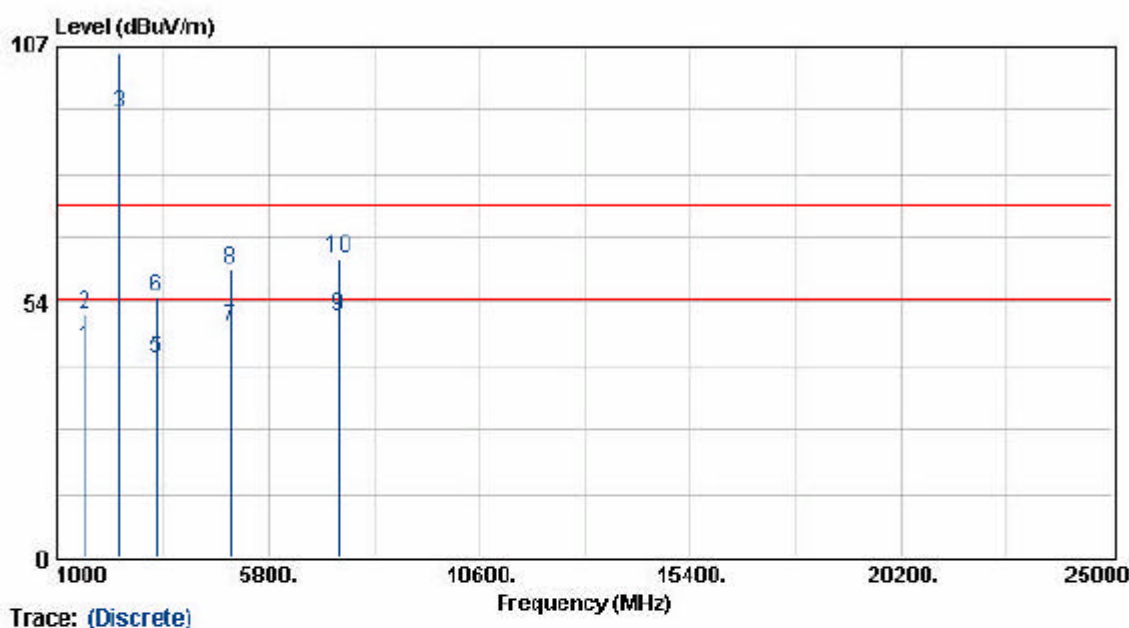
| Frequency (MHz) | Meter Reading (dBuV) | Corrected Factor (dBuV/m) | Result (dBuV/m) | Limit (dB) | Margin (dB) | Remark  | Table Deg. | Ant High (cm) |
|-----------------|----------------------|---------------------------|-----------------|------------|-------------|---------|------------|---------------|
| 1641.40         | 52.78                | -2.18                     | 50.60           | 54.00      | -3.40       | Average | 102        | 100           |
| 1641.40         | 59.01                | -2.18                     | 56.83           | 74.00      | -17.17      | Peak    | 102        | 100           |
| 2456.50         | 89.53                | 1.48                      | 91.01           | 54.00      | 37.01       | Average | 64         | 100           |
| 2456.50         | 101.34               | 1.48                      | 102.82          | 74.00      | 28.82       | Peak    | 64         | 100           |
| 3282.60         | 35.98                | 4.29                      | 40.27           | 54.00      | -13.73      | Average | 246        | 100           |
| 3282.60         | 47.74                | 4.29                      | 52.03           | 74.00      | -21.97      | Peak    | 246        | 100           |
| 4924.70         | 37.12                | 8.51                      | 45.63           | 54.00      | -8.37       | Average | 64         | 100           |
| 4924.70         | 49.15                | 8.51                      | 57.66           | 74.00      | -16.34      | Peak    | 64         | 100           |
| 7386.90         | 36.30                | 12.21                     | 48.51           | 54.00      | -5.49       | Average | 64         | 100           |
| 7386.90         | 48.63                | 12.21                     | 60.84           | 74.00      | -13.16      | Peak    | 64         | 100           |

## Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT : MR1000  
 Power : 110V  
 Test Mode : Transmit/Receive  
 Operation Channel : 11  
 Modulation Type : 802.11g  
 Rate : 54 Mbps

Pol/Phase : VERTICAL  
 Temperature : 24 °C  
 Humidity : 68 %  
 Atmospheric Pressure : 1028 mmHg



| Frequency (MHz) | Meter Reading (dBuV) | Corrected Factor (dBuV/m) | Result (dBuV/m) | Limit (dB) | Margin (dB) | Remark  | Table Deg. | Ant High (cm) |
|-----------------|----------------------|---------------------------|-----------------|------------|-------------|---------|------------|---------------|
| 1641.40         | 46.51                | -2.74                     | 43.77           | 54.00      | -10.23      | Average | 308        | 100           |
| 1641.40         | 53.61                | -2.74                     | 50.87           | 74.00      | -23.13      | Peak    | 308        | 100           |
| 2457.00         | 92.08                | 0.78                      | 92.86           | 54.00      | 38.86       | Average | 129        | 100           |
| 2457.00         | 104.49               | 0.78                      | 105.27          | 74.00      | 31.27       | Peak    | 129        | 100           |
| 3282.70         | 38.19                | 3.49                      | 41.68           | 54.00      | -12.32      | Average | 170        | 100           |
| 3282.70         | 50.86                | 3.49                      | 54.35           | 74.00      | -19.65      | Peak    | 170        | 100           |
| 4924.70         | 40.36                | 7.73                      | 48.09           | 54.00      | -5.91       | Average | 129        | 100           |
| 4924.70         | 52.73                | 7.73                      | 60.46           | 74.00      | -13.54      | Peak    | 129        | 100           |
| 7389.80         | 39.22                | 11.23                     | 50.45           | 54.00      | -3.55       | Average | 129        | 100           |
| 7389.80         | 51.47                | 11.23                     | 62.70           | 74.00      | -11.30      | Peak    | 129        | 100           |

## Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

### 5.5.1. Test Photographs

Front View



Rear View

