

## Appendix A. Test Result of Antenna 1

| Antenna Information |              |                                             |
|---------------------|--------------|---------------------------------------------|
| Antenna 1           | Model Name   | M6060060MO13620O                            |
|                     | Antenna Type | Dipole Antenna                              |
|                     | Antenna Gain | 6 dBi for WLAN (2.4G) ; 6 dBi for WLAN (5G) |

| Test Cases      |                                        |
|-----------------|----------------------------------------|
| Test Item       | 802.11a/n (Modulation : OFDM)          |
| Radiated<br>TCs | Mode 1: 802.11a_CH36_5180 MHz          |
|                 | Mode 2: 802.11a_CH44_5220 MHz          |
|                 | Mode 3: 802.11a_CH48_5240 MHz          |
|                 | Mode 4: 802.11n_CH36_5180 MHz (BW 20M) |
|                 | Mode 5: 802.11n_CH44_5220 MHz (BW 20M) |
|                 | Mode 6: 802.11n_CH48_5240 MHz (BW 20M) |
|                 | Mode 7: 802.11n_CH38_5190 MHz (BW 40M) |
|                 | Mode 8: 802.11n_CH46_5230 MHz (BW 40M) |

➤ **Test Result of Radiated Band Edges**

|                       |         |                            |             |
|-----------------------|---------|----------------------------|-------------|
| <b>Test Mode :</b>    | Mode 1  | <b>Temperature :</b>       | 24~25°C     |
| <b>Test Band :</b>    | 802.11a | <b>Relative Humidity :</b> | 49~50%      |
| <b>Test Channel :</b> | 36      | <b>Test Engineer :</b>     | Ivan Chiang |

| ANTENNA POLARITY : HORIZONTAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-------------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )          | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5150                          | 60.76               | -13.24                  | 74                          | 50.75                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 81                      | Peak    |
| 5150                          | 52.4                | -1.6                    | 54                          | 42.39                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 81                      | Average |

| ANTENNA POLARITY : VERTICAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-----------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )        | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5150                        | 65.92               | -8.08                   | 74                          | 55.91                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 180                     | Peak    |
| 5150                        | 52.72               | -1.28                   | 54                          | 42.71                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 180                     | Average |

|                       |         |                            |             |
|-----------------------|---------|----------------------------|-------------|
| <b>Test Mode :</b>    | Mode 3  | <b>Temperature :</b>       | 24~25°C     |
| <b>Test Band :</b>    | 802.11a | <b>Relative Humidity :</b> | 49~50%      |
| <b>Test Channel :</b> | 48      | <b>Test Engineer :</b>     | Ivan Chiang |

| ANTENNA POLARITY : HORIZONTAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-------------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )          | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5350                          | 61.3                | -12.7                   | 74                          | 50.37                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 242                     | Peak    |
| 5350                          | 50.59               | -3.41                   | 54                          | 39.66                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 242                     | Average |

| ANTENNA POLARITY : VERTICAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-----------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )        | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5350                        | 63.19               | -10.81                  | 74                          | 52.26                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 184                     | Peak    |
| 5350                        | 51.12               | -2.88                   | 54                          | 40.19                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 184                     | Average |



|                       |                  |                            |             |
|-----------------------|------------------|----------------------------|-------------|
| <b>Test Mode :</b>    | Mode 4           | <b>Temperature :</b>       | 24~25°C     |
| <b>Test Band :</b>    | 802.11a (BW 20M) | <b>Relative Humidity :</b> | 49~50%      |
| <b>Test Channel :</b> | 36               | <b>Test Engineer :</b>     | Ivan Chiang |

| ANTENNA POLARITY : HORIZONTAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-------------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )          | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5150                          | 60.35               | -13.65                  | 74                          | 50.34                     | 34.25                       | 9.41                    | 33.65                      | 129                  | 274                     | Peak    |
| 5150                          | 49.93               | -4.07                   | 54                          | 39.92                     | 34.25                       | 9.41                    | 33.65                      | 129                  | 274                     | Average |

| ANTENNA POLARITY : VERTICAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-----------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )        | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5150                        | 65.47               | -8.53                   | 74                          | 55.46                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 8                       | Peak    |
| 5150                        | 52.39               | -1.61                   | 54                          | 42.38                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 8                       | Average |

|                       |                  |                            |             |
|-----------------------|------------------|----------------------------|-------------|
| <b>Test Mode :</b>    | Mode 6           | <b>Temperature :</b>       | 24~25°C     |
| <b>Test Band :</b>    | 802.11a (BW 20M) | <b>Relative Humidity :</b> | 49~50%      |
| <b>Test Channel :</b> | 48               | <b>Test Engineer :</b>     | Ivan Chiang |

| ANTENNA POLARITY : HORIZONTAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-------------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )          | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5350                          | 62.15               | -11.85                  | 74                          | 51.22                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 47                      | Peak    |
| 5350                          | 50.6                | -3.4                    | 54                          | 39.67                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 47                      | Average |

| ANTENNA POLARITY : VERTICAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-----------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )        | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5350                        | 63.24               | -10.76                  | 74                          | 52.31                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 360                     | Peak    |
| 5350                        | 51.66               | -2.34                   | 54                          | 40.73                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 360                     | Average |



|                       |                  |                            |             |
|-----------------------|------------------|----------------------------|-------------|
| <b>Test Mode :</b>    | Mode 7           | <b>Temperature :</b>       | 24~25°C     |
| <b>Test Band :</b>    | 802.11n (BW 40M) | <b>Relative Humidity :</b> | 49~50%      |
| <b>Test Channel :</b> | 38               | <b>Test Engineer :</b>     | Ivan Chiang |

| ANTENNA POLARITY : HORIZONTAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-------------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )          | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5150                          | 61.27               | -12.73                  | 74                          | 51.26                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 6                       | Peak    |
| 5150                          | 50.11               | -3.89                   | 54                          | 40.1                      | 34.25                       | 9.41                    | 33.65                      | 100                  | 6                       | Average |

| ANTENNA POLARITY : VERTICAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-----------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )        | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5150                        | 64.66               | -9.34                   | 74                          | 54.65                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 10                      | Peak    |
| 5150                        | 52.55               | -1.45                   | 54                          | 42.54                     | 34.25                       | 9.41                    | 33.65                      | 100                  | 10                      | Average |

|                       |                  |                            |             |
|-----------------------|------------------|----------------------------|-------------|
| <b>Test Mode :</b>    | Mode 8           | <b>Temperature :</b>       | 24~25°C     |
| <b>Test Band :</b>    | 802.11n (BW 40M) | <b>Relative Humidity :</b> | 49~50%      |
| <b>Test Channel :</b> | 46               | <b>Test Engineer :</b>     | Ivan Chiang |

| ANTENNA POLARITY : HORIZONTAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-------------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )          | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5350                          | 62.85               | -11.15                  | 74                          | 51.92                     | 34.45                       | 9.74                    | 33.26                      | 113                  | 272                     | Peak    |
| 5350                          | 50.61               | -3.39                   | 54                          | 39.68                     | 34.45                       | 9.74                    | 33.26                      | 113                  | 272                     | Average |

| ANTENNA POLARITY : VERTICAL |                     |                         |                             |                           |                             |                         |                            |                      |                         |         |
|-----------------------------|---------------------|-------------------------|-----------------------------|---------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| Frequency<br>( MHz )        | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>( dBuV ) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
| 5350                        | 63.47               | -10.53                  | 74                          | 52.54                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 3                       | Peak    |
| 5350                        | 51.7                | -2.3                    | 54                          | 40.77                     | 34.45                       | 9.74                    | 33.26                      | 100                  | 3                       | Average |

➤ **Test Results of Radiated Emissions (30MHz ~ 25th Harmonic)**

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 1                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 36                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5180 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 43.5                 | 30.73               | -9.27                   | 40                          | 50.46                   | 11.13                       | 0.64                    | 31.5                       | 109                  | 187                     | Peak    |
| 225.48               | 21.72               | -24.28                  | 46                          | 40.76                   | 10.95                       | 1.46                    | 31.45                      | -                    | -                       | Peak    |
| 286.5                | 30.03               | -15.97                  | 46                          | 46.45                   | 13.24                       | 1.67                    | 31.33                      | -                    | -                       | Peak    |
| 329.4                | 29.43               | -16.57                  | 46                          | 44.5                    | 14.39                       | 1.85                    | 31.31                      | -                    | -                       | Peak    |
| 447.7                | 26.41               | -19.59                  | 46                          | 37.85                   | 17.36                       | 2.3                     | 31.1                       | -                    | -                       | Peak    |
| 729.8                | 26.85               | -19.15                  | 46                          | 33.24                   | 21.35                       | 3.01                    | 30.75                      | -                    | -                       | Peak    |
| 5150                 | 52.4                | -1.6                    | 54                          | 42.39                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 81                      | Average |
| 5150                 | 60.76               | -13.24                  | 74                          | 50.75                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 81                      | Peak    |
| 5180                 | 97.75               | -                       | -                           | 87.62                   | 34.28                       | 9.45                    | 33.6                       | 100                  | 81                      | Peak    |
| 5180                 | 84.81               | -                       | -                           | 74.68                   | 34.28                       | 9.45                    | 33.6                       | 100                  | 81                      | Average |
| 5350                 | 50.62               | -3.38                   | 54                          | 39.69                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 81                      | Average |
| 5350                 | 62.03               | -11.97                  | 74                          | 51.1                    | 34.45                       | 9.74                    | 33.26                      | 100                  | 81                      | Peak    |



|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 1                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 36                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5180 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 44.85                | 36.24               | -3.76                   | 40                          | 56.42                   | 10.67                       | 0.65                    | 31.5                       | 100                  | 215                     | Peak    |
| 76.98                | 26.19               | -13.81                  | 40                          | 49.99                   | 6.88                        | 0.86                    | 31.54                      | -                    | -                       | Peak    |
| 275.97               | 26.26               | -19.74                  | 46                          | 42.89                   | 13.09                       | 1.64                    | 31.36                      | -                    | -                       | Peak    |
| 304.9                | 25.66               | -20.34                  | 46                          | 41.6                    | 13.61                       | 1.78                    | 31.33                      | -                    | -                       | Peak    |
| 447                  | 26.6                | -19.4                   | 46                          | 38.07                   | 17.35                       | 2.29                    | 31.11                      | -                    | -                       | Peak    |
| 730.5                | 28.42               | -17.58                  | 46                          | 34.79                   | 21.37                       | 3.01                    | 30.75                      | -                    | -                       | Peak    |
| 5150                 | 52.72               | -1.28                   | 54                          | 42.71                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 180                     | Average |
| 5150                 | 65.92               | -8.08                   | 74                          | 55.91                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 180                     | Peak    |
| 5180                 | 95.58               | -                       | -                           | 85.45                   | 34.28                       | 9.45                    | 33.6                       | 100                  | 180                     | Average |
| 5180                 | 110.31              | -                       | -                           | 100.18                  | 34.28                       | 9.45                    | 33.6                       | 100                  | 180                     | Peak    |
| 5350                 | 51.17               | -2.83                   | 54                          | 40.24                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 180                     | Average |
| 5350                 | 62.24               | -11.76                  | 74                          | 51.31                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 180                     | Peak    |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 2                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 44                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5220 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 42.69                | 30.93               | -9.07                   | 40                          | 50.21                   | 11.59                       | 0.64                    | 31.51                      | 130                  | 116                     | Peak    |
| 226.02               | 22.31               | -23.69                  | 46                          | 41.35                   | 10.95                       | 1.46                    | 31.45                      | -                    | -                       | Peak    |
| 286.5                | 29.52               | -16.48                  | 46                          | 45.94                   | 13.24                       | 1.67                    | 31.33                      | -                    | -                       | Peak    |
| 330.1                | 28.95               | -17.05                  | 46                          | 44.02                   | 14.39                       | 1.85                    | 31.31                      | -                    | -                       | Peak    |
| 447.7                | 26.96               | -19.04                  | 46                          | 38.4                    | 17.36                       | 2.3                     | 31.1                       | -                    | -                       | Peak    |
| 730.5                | 27.91               | -18.09                  | 46                          | 34.28                   | 21.37                       | 3.01                    | 30.75                      | -                    | -                       | Peak    |
| 5150                 | 60.66               | -13.34                  | 74                          | 50.65                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 46                      | Peak    |
| 5150                 | 49.32               | -4.68                   | 54                          | 39.31                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 46                      | Average |
| 5220                 | 99.31               | -                       | -                           | 88.96                   | 34.32                       | 9.53                    | 33.5                       | 100                  | 46                      | Peak    |
| 5220                 | 88.12               | -                       | -                           | 77.77                   | 34.32                       | 9.53                    | 33.5                       | 100                  | 46                      | Average |
| 5350                 | 61.7                | -12.3                   | 74                          | 50.77                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 46                      | Peak    |
| 5350                 | 50.15               | -3.85                   | 54                          | 39.22                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 46                      | Average |



|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 2                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 44                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5220 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 44.85                | 36.34               | -3.66                   | 40                          | 56.52                   | 10.67                       | 0.65                    | 31.5                       | 131                  | 115                     | Peak    |
| 76.17                | 25.82               | -14.18                  | 40                          | 49.62                   | 6.88                        | 0.86                    | 31.54                      |                      |                         | Peak    |
| 276.78               | 26.47               | -19.53                  | 46                          | 43.1                    | 13.09                       | 1.64                    | 31.36                      |                      |                         | Peak    |
| 304.9                | 25.23               | -20.77                  | 46                          | 41.17                   | 13.61                       | 1.78                    | 31.33                      |                      |                         | Peak    |
| 447                  | 26.77               | -19.23                  | 46                          | 38.24                   | 17.35                       | 2.29                    | 31.11                      |                      |                         | Peak    |
| 729.8                | 27.13               | -18.87                  | 46                          | 33.52                   | 21.35                       | 3.01                    | 30.75                      |                      |                         | Peak    |
| 5150                 | 63.27               | -10.73                  | 74                          | 53.26                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 182                     | Peak    |
| 5150                 | 50.16               | -3.84                   | 54                          | 40.15                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 182                     | Average |
| 5220                 | 111.11              | 37.11                   | 74                          | 100.76                  | 34.32                       | 9.53                    | 33.5                       | 100                  | 182                     | Peak    |
| 5220                 | 100.37              | 46.37                   | 54                          | 90.02                   | 34.32                       | 9.53                    | 33.5                       | 100                  | 182                     | Average |
| 5350                 | 62.5                | -11.5                   | 74                          | 51.57                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 182                     | Peak    |
| 5350                 | 51.04               | -2.96                   | 54                          | 40.11                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 182                     | Average |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 3                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 48                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5240 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 42.69                | 30.51               | -9.49                   | 40                          | 49.79                   | 11.59                       | 0.64                    | 31.51                      | 108                  | 94                      | Peak    |
| 142.86               | 18.47               | -25.03                  | 43.5                        | 37.36                   | 11.46                       | 1.2                     | 31.55                      | -                    | -                       | Peak    |
| 285.69               | 29.48               | -16.52                  | 46                          | 45.9                    | 13.24                       | 1.67                    | 31.33                      | -                    | -                       | Peak    |
| 330.1                | 30.08               | -15.92                  | 46                          | 45.15                   | 14.39                       | 1.85                    | 31.31                      | -                    | -                       | Peak    |
| 447                  | 26.75               | -19.25                  | 46                          | 38.22                   | 17.35                       | 2.29                    | 31.11                      | -                    | -                       | Peak    |
| 729.8                | 26.53               | -19.47                  | 46                          | 32.92                   | 21.35                       | 3.01                    | 30.75                      | -                    | -                       | Peak    |
| 5150                 | 60.35               | -13.65                  | 74                          | 50.34                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 242                     | Peak    |
| 5150                 | 49.72               | -4.28                   | 54                          | 39.71                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 242                     | Average |
| 5240                 | 100.73              | -                       | -                           | 90.28                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 242                     | Peak    |
| 5240                 | 89.96               | -                       | -                           | 79.51                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 242                     | Average |
| 5350                 | 61.3                | -12.7                   | 74                          | 50.37                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 242                     | Peak    |
| 5350                 | 50.59               | -3.41                   | 54                          | 39.66                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 242                     | Average |



|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 3                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 48                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5240 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 45.12                | 36.5                | -3.5                    | 40                          | 57.07                   | 10.27                       | 0.66                    | 31.5                       | 103                  | 167                     | Peak    |
| 76.17                | 26.28               | -13.72                  | 40                          | 50.08                   | 6.88                        | 0.86                    | 31.54                      | -                    | -                       | Peak    |
| 275.97               | 26                  | -20                     | 46                          | 42.63                   | 13.09                       | 1.64                    | 31.36                      | -                    | -                       | Peak    |
| 304.9                | 25.14               | -20.86                  | 46                          | 41.08                   | 13.61                       | 1.78                    | 31.33                      | -                    | -                       | Peak    |
| 447.7                | 27.5                | -18.5                   | 46                          | 38.94                   | 17.36                       | 2.3                     | 31.1                       | -                    | -                       | Peak    |
| 730.5                | 27.33               | -18.67                  | 46                          | 33.7                    | 21.37                       | 3.01                    | 30.75                      | -                    | -                       | Peak    |
| 5150                 | 61.46               | -12.54                  | 74                          | 51.45                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 184                     | Peak    |
| 5150                 | 50.23               | -3.77                   | 54                          | 40.22                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 184                     | Average |
| 5240                 | 112.05              | -                       | -                           | 101.6                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 184                     | Peak    |
| 5240                 | 100.13              | -                       | -                           | 89.68                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 184                     | Average |
| 5350                 | 63.19               | -10.81                  | 74                          | 52.26                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 184                     | Peak    |
| 5350                 | 51.12               | -2.88                   | 54                          | 40.19                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 184                     | Average |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 4                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 36                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5180 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 49.93               | -4.07                   | 54                          | 39.92                   | 34.25                       | 9.41                    | 33.65                      | 129                  | 274                     | Average |
| 5150                 | 60.35               | -13.65                  | 74                          | 50.34                   | 34.25                       | 9.41                    | 33.65                      | 129                  | 274                     | Peak    |
| 5180                 | 101.74              | -                       | -                           | 91.61                   | 34.28                       | 9.45                    | 33.6                       | 129                  | 274                     | Peak    |
| 5180                 | 86.88               | -                       | -                           | 76.75                   | 34.28                       | 9.45                    | 33.6                       | 129                  | 274                     | Average |
| 5350                 | 50.55               | -3.45                   | 54                          | 39.62                   | 34.45                       | 9.74                    | 33.26                      | 129                  | 274                     | Average |
| 5350                 | 62.06               | -11.94                  | 74                          | 51.13                   | 34.45                       | 9.74                    | 33.26                      | 129                  | 274                     | Peak    |

|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 4                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 36                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5180 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 52.39               | -1.61                   | 54                          | 42.38                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 8                       | Average |
| 5150                 | 65.47               | -8.53                   | 74                          | 55.46                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 8                       | Peak    |
| 5180                 | 112.82              | -                       | -                           | 102.69                  | 34.28                       | 9.45                    | 33.6                       | 100                  | 8                       | Peak    |
| 5180                 | 97.09               | -                       | -                           | 86.96                   | 34.28                       | 9.45                    | 33.6                       | 100                  | 8                       | Average |
| 5350                 | 51.19               | -2.81                   | 54                          | 40.26                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 8                       | Average |
| 5350                 | 62.53               | -11.47                  | 74                          | 51.6                    | 34.45                       | 9.74                    | 33.26                      | 100                  | 8                       | Peak    |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 5                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 44                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5220 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 60.16               | -13.84                  | 74                          | 50.15                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 45                      | Peak    |
| 5150                 | 49.72               | -4.28                   | 54                          | 39.71                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 45                      | Average |
| 5220                 | 100.93              | -                       | -                           | 90.58                   | 34.32                       | 9.53                    | 33.5                       | 100                  | 45                      | Peak    |
| 5220                 | 86.26               | -                       | -                           | 75.91                   | 34.32                       | 9.53                    | 33.5                       | 100                  | 45                      | Average |
| 5350                 | 62.38               | -11.62                  | 74                          | 51.45                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 45                      | Peak    |
| 5350                 | 50.57               | -3.43                   | 54                          | 39.64                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 45                      | Average |

|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 5                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 44                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5220 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 61.97               | -12.03                  | 74                          | 51.96                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 9                       | Peak    |
| 5150                 | 50.46               | -3.54                   | 54                          | 40.45                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 9                       | Average |
| 5220                 | 115.83              | -                       | -                           | 105.48                  | 34.32                       | 9.53                    | 33.5                       | 100                  | 9                       | Peak    |
| 5220                 | 97.89               | -                       | -                           | 87.54                   | 34.32                       | 9.53                    | 33.5                       | 100                  | 9                       | Average |
| 5350                 | 63.7                | -10.3                   | 74                          | 52.77                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 9                       | Peak    |
| 5350                 | 51.35               | -2.65                   | 54                          | 40.42                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 9                       | Average |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 6                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 48                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5240 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 61.09               | -12.91                  | 74                          | 51.08                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 47                      | Peak    |
| 5150                 | 49.73               | -4.27                   | 54                          | 39.72                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 47                      | Average |
| 5240                 | 100.31              | -                       | -                           | 89.86                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 47                      | Peak    |
| 5240                 | 86.17               | -                       | -                           | 75.72                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 47                      | Average |
| 5350                 | 62.15               | -11.85                  | 74                          | 51.22                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 47                      | Peak    |
| 5350                 | 50.6                | -3.4                    | 54                          | 39.67                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 47                      | Average |

|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 6                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 48                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5240 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 61.54               | -12.46                  | 74                          | 51.53                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 360                     | Peak    |
| 5150                 | 50.28               | -3.72                   | 54                          | 40.27                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 360                     | Average |
| 5240                 | 112.81              | -                       | -                           | 102.36                  | 34.33                       | 9.57                    | 33.45                      | 100                  | 360                     | Peak    |
| 5240                 | 97.23               | -                       | -                           | 86.78                   | 34.33                       | 9.57                    | 33.45                      | 100                  | 360                     | Average |
| 5350                 | 63.24               | -10.76                  | 74                          | 52.31                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 360                     | Peak    |
| 5350                 | 51.66               | -2.34                   | 54                          | 40.73                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 360                     | Average |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 7                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 38                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5190 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 50.11               | -3.89                   | 54                          | 40.1                    | 34.25                       | 9.41                    | 33.65                      | 100                  | 6                       | Average |
| 5150                 | 61.27               | -12.73                  | 74                          | 51.26                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 6                       | Peak    |
| 5190                 | 97.61               | -                       | -                           | 87.39                   | 34.28                       | 9.49                    | 33.55                      | 100                  | 6                       | Peak    |
| 5190                 | 82.79               | -                       | -                           | 72.57                   | 34.28                       | 9.49                    | 33.55                      | 100                  | 6                       | Average |
| 5350                 | 50.57               | -3.43                   | 54                          | 39.64                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 6                       | Average |
| 5350                 | 61.96               | -12.04                  | 74                          | 51.03                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 6                       | Peak    |

|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 7                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 38                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5190 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 52.55               | -1.45                   | 54                          | 42.54                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 10                      | Average |
| 5150                 | 64.66               | -9.34                   | 74                          | 54.65                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 10                      | Peak    |
| 5190                 | 111.81              | -                       | -                           | 101.59                  | 34.28                       | 9.49                    | 33.55                      | 100                  | 10                      | Peak    |
| 5190                 | 93.36               | -                       | -                           | 83.14                   | 34.28                       | 9.49                    | 33.55                      | 100                  | 10                      | Average |
| 5350                 | 51.25               | -2.75                   | 54                          | 40.32                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 10                      | Average |
| 5350                 | 64.12               | -9.88                   | 74                          | 53.19                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 10                      | Peak    |

|                        |                                                       |                            |            |
|------------------------|-------------------------------------------------------|----------------------------|------------|
| <b>Test Mode :</b>     | Mode 8                                                | <b>Temperature :</b>       | 24~25°C    |
| <b>Test Channel :</b>  | 46                                                    | <b>Relative Humidity :</b> | 49~50%     |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Horizontal |
| <b>Remark :</b>        | 5230 MHz is Fundamental Signals which can be ignored. |                            |            |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 61.94               | -12.06                  | 74                          | 51.93                   | 34.25                       | 9.41                    | 33.65                      | 113                  | 272                     | Peak    |
| 5150                 | 49.8                | -4.2                    | 54                          | 39.79                   | 34.25                       | 9.41                    | 33.65                      | 113                  | 272                     | Average |
| 5230                 | 101.22              | -                       | -                           | 90.86                   | 34.33                       | 9.53                    | 33.5                       | 113                  | 272                     | Peak    |
| 5230                 | 84.42               | -                       | -                           | 74.06                   | 34.33                       | 9.53                    | 33.5                       | 113                  | 272                     | Average |
| 5350                 | 62.85               | -11.15                  | 74                          | 51.92                   | 34.45                       | 9.74                    | 33.26                      | 113                  | 272                     | Peak    |
| 5350                 | 50.61               | -3.39                   | 54                          | 39.68                   | 34.45                       | 9.74                    | 33.26                      | 113                  | 272                     | Average |

|                        |                                                       |                            |          |
|------------------------|-------------------------------------------------------|----------------------------|----------|
| <b>Test Mode :</b>     | Mode 8                                                | <b>Temperature :</b>       | 24~25°C  |
| <b>Test Channel :</b>  | 46                                                    | <b>Relative Humidity :</b> | 49~50%   |
| <b>Test Engineer :</b> | Ivan Chiang                                           | <b>Polarization :</b>      | Vertical |
| <b>Remark :</b>        | 5230 MHz is Fundamental Signals which can be ignored. |                            |          |

| Frequency<br>( MHz ) | Level<br>( dBuV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBuV/m ) | Read<br>Level<br>(dBuV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark  |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|---------|
| 5150                 | 63.41               | -10.59                  | 74                          | 53.4                    | 34.25                       | 9.41                    | 33.65                      | 100                  | 3                       | Peak    |
| 5150                 | 50.36               | -3.64                   | 54                          | 40.35                   | 34.25                       | 9.41                    | 33.65                      | 100                  | 3                       | Average |
| 5230                 | 112.29              | -                       | -                           | 101.93                  | 34.33                       | 9.53                    | 33.5                       | 100                  | 3                       | Peak    |
| 5230                 | 94.72               | -                       | -                           | 84.36                   | 34.33                       | 9.53                    | 33.5                       | 100                  | 3                       | Average |
| 5350                 | 63.47               | -10.53                  | 74                          | 52.54                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 3                       | Peak    |
| 5350                 | 51.7                | -2.3                    | 54                          | 40.77                   | 34.45                       | 9.74                    | 33.26                      | 100                  | 3                       | Average |