



## Appendix A. Radiated Spurious Emission

|                 |                                     |                     |         |
|-----------------|-------------------------------------|---------------------|---------|
| Test Engineer : | Kyle Jhuang, Citta Ke, and Karl Hou | Temperature :       | 25~26°C |
|                 |                                     | Relative Humidity : | 50~51%  |

15C 2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b<br>CH 01<br>2412MHz |                                                                                             | 2385.69   | 57.11      | -16.89 | 74         | 53.37    | 32.77    | 4.62   | 33.65  | 103    | 224     | P       | H       |
|                             |                                                                                             | 2372.46   | 45.05      | -8.95  | 54         | 41.38    | 32.73    | 4.6    | 33.66  | 103    | 224     | A       | H       |
|                             | *                                                                                           | 2412      | 106.13     | -      | -          | 102.3    | 32.81    | 4.65   | 33.63  | 103    | 224     | P       | H       |
|                             | *                                                                                           | 2412      | 100.77     | -      | -          | 96.94    | 32.81    | 4.65   | 33.63  | 103    | 224     | A       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 2368.32   | 56.05      | -17.95 | 74         | 52.43    | 32.7     | 4.6    | 33.68  | 101    | 80      | P       | V       |
|                             |                                                                                             | 2372.46   | 43.89      | -10.11 | 54         | 40.22    | 32.73    | 4.6    | 33.66  | 101    | 80      | A       | V       |
|                             | *                                                                                           | 2412      | 102.85     | -      | -          | 99.02    | 32.81    | 4.65   | 33.63  | 101    | 80      | P       | V       |
|                             | *                                                                                           | 2412      | 97.5       | -      | -          | 93.67    | 32.81    | 4.65   | 33.63  | 101    | 80      | A       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



| WIFI                        | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-----------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                        |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                           |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11b<br>CH 06<br>2437MHz |                                                              | 2388.66   | 56.77      | -17.23 | 74         | 53.03    | 32.77    | 4.62   | 33.65  | 100    | 224     | P     | H     |
|                             |                                                              | 2388.48   | 44.87      | -9.13  | 54         | 41.13    | 32.77    | 4.62   | 33.65  | 100    | 224     | A     | H     |
|                             | *                                                            | 2437      | 105.28     | -      | -          | 101.31   | 32.89    | 4.68   | 33.6   | 100    | 224     | P     | H     |
|                             | *                                                            | 2437      | 99.89      | -      | -          | 95.92    | 32.89    | 4.68   | 33.6   | 100    | 224     | A     | H     |
|                             |                                                              | 2495.88   | 56.25      | -17.75 | 74         | 52.08    | 33       | 4.73   | 33.56  | 100    | 224     | P     | H     |
|                             |                                                              | 2487      | 44.02      | -9.98  | 54         | 39.9     | 32.96    | 4.73   | 33.57  | 100    | 224     | A     | H     |
|                             |                                                              | 2349.96   | 55.91      | -18.09 | 74         | 52.37    | 32.66    | 4.57   | 33.69  | 100    | 82      | P     | V     |
|                             |                                                              | 2388.75   | 43.69      | -10.31 | 54         | 39.95    | 32.77    | 4.62   | 33.65  | 100    | 82      | A     | V     |
|                             | *                                                            | 2437      | 102.33     | -      | -          | 98.36    | 32.89    | 4.68   | 33.6   | 100    | 82      | P     | V     |
|                             | *                                                            | 2437      | 96.93      | -      | -          | 92.96    | 32.89    | 4.68   | 33.6   | 100    | 82      | A     | V     |
|                             |                                                              | 2486.8    | 55.87      | -18.13 | 74         | 51.75    | 32.96    | 4.73   | 33.57  | 100    | 82      | P     | V     |
|                             |                                                              | 2487.08   | 43.59      | -10.41 | 54         | 39.47    | 32.96    | 4.73   | 33.57  | 100    | 82      | A     | V     |
| 802.11b<br>CH 11<br>2462MHz | *                                                            | 2462      | 105.4      | -      | -          | 101.37   | 32.92    | 4.7    | 33.59  | 100    | 223     | P     | H     |
|                             | *                                                            | 2462      | 99.88      | -      | -          | 95.85    | 32.92    | 4.7    | 33.59  | 100    | 223     | A     | H     |
|                             |                                                              | 2486.52   | 57.04      | -16.96 | 74         | 52.92    | 32.96    | 4.73   | 33.57  | 100    | 223     | P     | H     |
|                             |                                                              | 2499.24   | 45.37      | -8.63  | 54         | 41.2     | 33       | 4.73   | 33.56  | 100    | 223     | A     | H     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                             | *                                                            | 2462      | 102.92     | -      | -          | 98.89    | 32.92    | 4.7    | 33.59  | 102    | 80      | P     | V     |
|                             | *                                                            | 2462      | 97.58      | -      | -          | 93.55    | 32.92    | 4.7    | 33.59  | 102    | 80      | A     | V     |
|                             |                                                              | 2486.84   | 56.52      | -17.48 | 74         | 52.4     | 32.96    | 4.73   | 33.57  | 102    | 80      | P     | V     |
|                             |                                                              | 2483.52   | 44.93      | -9.07  | 54         | 40.81    | 32.96    | 4.73   | 33.57  | 102    | 80      | A     | V     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                      | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |       |       |
|                             | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b<br>CH 01<br>2412MHz |                                                                                             | 4824      | 40.02      | -33.98 | 74         | 57.06    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4824      | 39.71      | -34.29 | 74         | 56.75    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11b<br>CH 06<br>2437MHz |                                                                                             | 4875      | 40.47      | -33.53 | 74         | 57.41    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                             |                                                                                             | 7311      | 44.75      | -29.25 | 74         | 58.28    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4875      | 40.71      | -33.29 | 74         | 57.65    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                             |                                                                                             | 7311      | 45.85      | -28.15 | 74         | 59.38    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11b<br>CH 11<br>2462MHz |                                                                                             | 4923      | 40.9       | -33.1  | 74         | 57.72    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | H       |
|                             |                                                                                             | 7386      | 41.47      | -32.53 | 74         | 55.03    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4923      | 40.34      | -33.66 | 74         | 57.16    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | V       |
|                             |                                                                                             | 7386      | 41.22      | -32.78 | 74         | 54.78    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



**15C 2.4GHz 2400~2483.5MHz**  
**WIFI 802.11g (Band Edge @ 3m)**

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11g<br>CH 01<br>2412MHz |                                                                                             | 2389.11   | 58.68      | -15.32 | 74         | 54.94    | 32.77    | 4.62   | 33.65  | 100    | 226     | P     | H     |
|                             |                                                                                             | 2390      | 45.53      | -8.47  | 54         | 41.79    | 32.77    | 4.62   | 33.65  | 100    | 226     | A     | H     |
|                             | *                                                                                           | 2412      | 106.15     | -      | -          | 102.32   | 32.81    | 4.65   | 33.63  | 100    | 226     | P     | H     |
|                             | *                                                                                           | 2412      | 94.99      | -      | -          | 91.16    | 32.81    | 4.65   | 33.63  | 100    | 226     | A     | H     |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | H     |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | H     |
|                             |                                                                                             | 2390      | 58.33      | -15.67 | 74         | 54.59    | 32.77    | 4.62   | 33.65  | 129    | 16      | P     | V     |
|                             |                                                                                             | 2390      | 44.61      | -9.39  | 54         | 40.87    | 32.77    | 4.62   | 33.65  | 129    | 16      | A     | V     |
|                             | *                                                                                           | 2412      | 104.18     | -      | -          | 100.35   | 32.81    | 4.65   | 33.63  | 129    | 16      | P     | V     |
|                             | *                                                                                           | 2412      | 92.88      | -      | -          | 89.05    | 32.81    | 4.65   | 33.63  | 129    | 16      | A     | V     |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | V     |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | V     |
| 802.11g<br>CH 06<br>2437MHz |                                                                                             | 2389.74   | 60.92      | -13.08 | 74         | 57.18    | 32.77    | 4.62   | 33.65  | 100    | 225     | P     | H     |
|                             |                                                                                             | 2390      | 45.65      | -8.35  | 54         | 41.91    | 32.77    | 4.62   | 33.65  | 100    | 225     | A     | H     |
|                             | *                                                                                           | 2437      | 109.21     | -      | -          | 105.24   | 32.89    | 4.68   | 33.6   | 100    | 225     | P     | H     |
|                             | *                                                                                           | 2437      | 97.88      | -      | -          | 93.91    | 32.89    | 4.68   | 33.6   | 100    | 225     | A     | H     |
|                             |                                                                                             | 2495.28   | 58.63      | -15.37 | 74         | 54.46    | 33       | 4.73   | 33.56  | 100    | 225     | P     | H     |
|                             |                                                                                             | 2495.2    | 45.25      | -8.75  | 54         | 41.08    | 33       | 4.73   | 33.56  | 100    | 225     | A     | H     |
|                             |                                                                                             | 2386.23   | 57.51      | -16.49 | 74         | 53.77    | 32.77    | 4.62   | 33.65  | 127    | 15      | P     | V     |
|                             |                                                                                             | 2389.47   | 44.09      | -9.91  | 54         | 40.35    | 32.77    | 4.62   | 33.65  | 127    | 15      | A     | V     |
|                             | *                                                                                           | 2437      | 107.48     | -      | -          | 103.51   | 32.89    | 4.68   | 33.6   | 127    | 15      | P     | V     |
|                             | *                                                                                           | 2437      | 95.88      | -      | -          | 91.91    | 32.89    | 4.68   | 33.6   | 127    | 15      | A     | V     |
|                             |                                                                                             | 2492.36   | 56.89      | -17.11 | 74         | 52.72    | 33       | 4.73   | 33.56  | 127    | 15      | P     | V     |
|                             |                                                                                             | 2488.24   | 43.63      | -10.37 | 54         | 39.46    | 33       | 4.73   | 33.56  | 127    | 15      | A     | V     |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



| WIFI                        | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-----------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                        |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                           |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11g<br>CH 11<br>2462MHz | *                                                            | 2462      | 107.2      | -      | -          | 103.17   | 32.92    | 4.7    | 33.59  | 100    | 226     | P     | H     |
|                             | *                                                            | 2462      | 95.91      | -      | -          | 91.88    | 32.92    | 4.7    | 33.59  | 100    | 226     | A     | H     |
|                             |                                                              | 2489.4    | 62.24      | -11.76 | 74         | 58.07    | 33       | 4.73   | 33.56  | 100    | 226     | P     | H     |
|                             |                                                              | 2483.52   | 47.17      | -6.83  | 54         | 43.05    | 32.96    | 4.73   | 33.57  | 100    | 226     | A     | H     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                             | *                                                            | 2462      | 104.86     | -      | -          | 100.83   | 32.92    | 4.7    | 33.59  | 105    | 28      | P     | V     |
|                             | *                                                            | 2462      | 93.62      | -      | -          | 89.59    | 32.92    | 4.7    | 33.59  | 105    | 28      | A     | V     |
|                             |                                                              | 2484.4    | 61.43      | -12.57 | 74         | 57.31    | 32.96    | 4.73   | 33.57  | 105    | 28      | P     | V     |
|                             |                                                              | 2483.52   | 46.17      | -7.83  | 54         | 42.05    | 32.96    | 4.73   | 33.57  | 105    | 28      | A     | V     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                             |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                      | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |       |       |
|                             | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11g<br>CH 01<br>2412MHz |                                                                                             | 4824      | 39.79      | -34.21 | 74         | 56.83    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4824      | 39.72      | -34.28 | 74         | 56.76    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11g<br>CH 06<br>2437MHz |                                                                                             | 4875      | 41.23      | -32.77 | 74         | 58.17    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                             |                                                                                             | 7311      | 44.24      | -29.76 | 74         | 57.77    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4875      | 40.84      | -33.16 | 74         | 57.78    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                             |                                                                                             | 7311      | 47.45      | -26.55 | 74         | 60.98    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11g<br>CH 11<br>2462MHz |                                                                                             | 4923      | 40.9       | -33.1  | 74         | 57.72    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | H       |
|                             |                                                                                             | 7386      | 41.57      | -32.43 | 74         | 55.13    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4923      | 40.67      | -33.33 | 74         | 57.49    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | V       |
|                             |                                                                                             | 7386      | 42.03      | -31.97 | 74         | 55.59    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



**15C 2.4GHz 2400~2483.5MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 01<br>2412MHz |                                                                                             | 2381.37   | 59.47      | -14.53 | 74         | 55.78    | 32.73    | 4.62   | 33.66  | 100    | 31      | P       | H       |
|                                     |                                                                                             | 2389.74   | 45.56      | -8.44  | 54         | 41.82    | 32.77    | 4.62   | 33.65  | 100    | 31      | A       | H       |
|                                     | *                                                                                           | 2412      | 105.18     | -      | -          | 101.35   | 32.81    | 4.65   | 33.63  | 100    | 31      | P       | H       |
|                                     | *                                                                                           | 2412      | 93.97      | -      | -          | 90.14    | 32.81    | 4.65   | 33.63  | 100    | 31      | A       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 2374.53   | 57.88      | -16.12 | 74         | 54.21    | 32.73    | 4.6    | 33.66  | 102    | 335     | P       | V       |
|                                     |                                                                                             | 2390      | 44.48      | -9.52  | 54         | 40.74    | 32.77    | 4.62   | 33.65  | 102    | 335     | A       | V       |
|                                     | *                                                                                           | 2412      | 103.49     | -      | -          | 99.66    | 32.81    | 4.65   | 33.63  | 102    | 335     | P       | V       |
|                                     | *                                                                                           | 2412      | 91.9       | -      | -          | 88.07    | 32.81    | 4.65   | 33.63  | 102    | 335     | A       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 06<br>2437MHz |                                                                                             | 2389.47   | 57.94      | -16.06 | 74         | 54.2     | 32.77    | 4.62   | 33.65  | 100    | 231     | P       | H       |
|                                     |                                                                                             | 2389.92   | 45.13      | -8.87  | 54         | 41.39    | 32.77    | 4.62   | 33.65  | 100    | 231     | A       | H       |
|                                     | *                                                                                           | 2437      | 107.48     | -      | -          | 103.51   | 32.89    | 4.68   | 33.6   | 100    | 231     | P       | H       |
|                                     | *                                                                                           | 2437      | 95.82      | -      | -          | 91.85    | 32.89    | 4.68   | 33.6   | 100    | 231     | A       | H       |
|                                     |                                                                                             | 2491.92   | 58.65      | -15.35 | 74         | 54.48    | 33       | 4.73   | 33.56  | 100    | 231     | P       | H       |
|                                     |                                                                                             | 2495.52   | 44.68      | -9.32  | 54         | 40.51    | 33       | 4.73   | 33.56  | 100    | 231     | A       | H       |
|                                     |                                                                                             | 2380.38   | 56.96      | -17.04 | 74         | 53.27    | 32.73    | 4.62   | 33.66  | 100    | 63      | P       | V       |
|                                     |                                                                                             | 2390      | 44.16      | -9.84  | 54         | 40.42    | 32.77    | 4.62   | 33.65  | 100    | 63      | A       | V       |
|                                     | *                                                                                           | 2437      | 105.68     | -      | -          | 101.71   | 32.89    | 4.68   | 33.6   | 100    | 63      | P       | V       |
|                                     | *                                                                                           | 2437      | 94.26      | -      | -          | 90.29    | 32.89    | 4.68   | 33.6   | 100    | 63      | A       | V       |
|                                     |                                                                                             | 2487.48   | 58.62      | -15.38 | 74         | 54.5     | 32.96    | 4.73   | 33.57  | 100    | 63      | P       | V       |
|                                     |                                                                                             | 2490.28   | 44.62      | -9.38  | 54         | 40.45    | 33       | 4.73   | 33.56  | 100    | 63      | A       | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



| WIFI                                | Note | Frequency                                                                                   | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------------------|------|---------------------------------------------------------------------------------------------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                |      |                                                                                             |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                                   |      | ( MHz )                                                                                     | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11n<br>HT20<br>CH 11<br>2462MHz | *    | 2462                                                                                        | 104.13     | -      | -          | 100.1    | 32.92    | 4.7    | 33.59  | 100    | 229     | P     | H     |
|                                     | *    | 2462                                                                                        | 92.88      | -      | -          | 88.85    | 32.92    | 4.7    | 33.59  | 100    | 229     | A     | H     |
|                                     |      | 2483.76                                                                                     | 60.62      | -13.38 | 74         | 56.5     | 32.96    | 4.73   | 33.57  | 100    | 229     | P     | H     |
|                                     |      | 2483.52                                                                                     | 45.23      | -8.77  | 54         | 41.11    | 32.96    | 4.73   | 33.57  | 100    | 229     | A     | H     |
|                                     |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | H     |
|                                     |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | H     |
|                                     | *    | 2462                                                                                        | 102.33     | -      | -          | 98.3     | 32.92    | 4.7    | 33.59  | 102    | 75      | P     | V     |
|                                     | *    | 2462                                                                                        | 91.18      | -      | -          | 87.15    | 32.92    | 4.7    | 33.59  | 102    | 75      | A     | V     |
|                                     |      | 2485.12                                                                                     | 59.35      | -14.65 | 74         | 55.23    | 32.96    | 4.73   | 33.57  | 102    | 75      | P     | V     |
|                                     |      | 2483.52                                                                                     | 44.77      | -9.23  | 54         | 40.65    | 32.96    | 4.73   | 33.57  | 102    | 75      | A     | V     |
|                                     |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | V     |
|                                     |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                              |      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |            |        |            |          |          |        |        |        |         |       |       |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 01<br>2412MHz |                                                                                             | 4824      | 41.46      | -32.54 | 74         | 58.5     | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4824      | 40.13      | -33.87 | 74         | 57.17    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 06<br>2437MHz |                                                                                             | 4875      | 40.68      | -33.32 | 74         | 57.62    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7311      | 43.59      | -30.41 | 74         | 57.12    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4875      | 40.16      | -33.84 | 74         | 57.1     | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7311      | 45.05      | -28.95 | 74         | 58.58    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 11<br>2462MHz |                                                                                             | 4923      | 40.49      | -33.51 | 74         | 57.31    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7386      | 42.15      | -31.85 | 74         | 55.71    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4923      | 40.76      | -33.24 | 74         | 57.58    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7386      | 41.54      | -32.46 | 74         | 55.1     | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



**15C 2.4GHz 2400~2483.5MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 03<br>2422MHz |                                                                                             | 2388.84   | 62.16      | -11.84 | 74         | 58.42    | 32.77    | 4.62   | 33.65  | 100    | 30      | P       | H       |
|                                     |                                                                                             | 2386.77   | 48.53      | -5.47  | 54         | 44.79    | 32.77    | 4.62   | 33.65  | 100    | 30      | A       | H       |
|                                     | *                                                                                           | 2422      | 101.76     | -      | -          | 97.88    | 32.85    | 4.65   | 33.62  | 100    | 30      | P       | H       |
|                                     | *                                                                                           | 2422      | 92.05      | -      | -          | 88.17    | 32.85    | 4.65   | 33.62  | 100    | 30      | A       | H       |
|                                     |                                                                                             | 2495.64   | 56.29      | -17.71 | 74         | 52.12    | 33       | 4.73   | 33.56  | 100    | 30      | P       | H       |
|                                     |                                                                                             | 2487.28   | 44.31      | -9.69  | 54         | 40.19    | 32.96    | 4.73   | 33.57  | 100    | 30      | A       | H       |
|                                     |                                                                                             | 2383.53   | 59.75      | -14.25 | 74         | 56.06    | 32.73    | 4.62   | 33.66  | 104    | 75      | P       | V       |
|                                     |                                                                                             | 2389.92   | 47.19      | -6.81  | 54         | 43.45    | 32.77    | 4.62   | 33.65  | 104    | 75      | A       | V       |
|                                     | *                                                                                           | 2422      | 99.64      | -      | -          | 95.76    | 32.85    | 4.65   | 33.62  | 104    | 75      | P       | V       |
|                                     | *                                                                                           | 2422      | 89.71      | -      | -          | 85.83    | 32.85    | 4.65   | 33.62  | 104    | 75      | A       | V       |
|                                     |                                                                                             | 2495.4    | 55.57      | -18.43 | 74         | 51.4     | 33       | 4.73   | 33.56  | 104    | 75      | P       | V       |
|                                     |                                                                                             | 2484.48   | 43.92      | -10.08 | 54         | 39.8     | 32.96    | 4.73   | 33.57  | 104    | 75      | A       | V       |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 2389.56   | 65.22      | -8.78  | 74         | 61.48    | 32.77    | 4.62   | 33.65  | 100    | 31      | P       | H       |
|                                     |                                                                                             | 2389.92   | 52.43      | -1.57  | 54         | 48.69    | 32.77    | 4.62   | 33.65  | 100    | 31      | A       | H       |
|                                     | *                                                                                           | 2437      | 105.49     | -      | -          | 101.52   | 32.89    | 4.68   | 33.6   | 100    | 31      | P       | H       |
|                                     | *                                                                                           | 2437      | 95.66      | -      | -          | 91.69    | 32.89    | 4.68   | 33.6   | 100    | 31      | A       | H       |
|                                     |                                                                                             | 2483.64   | 65.7       | -8.3   | 74         | 61.58    | 32.96    | 4.73   | 33.57  | 100    | 31      | P       | H       |
|                                     |                                                                                             | 2483.52   | 50.71      | -3.29  | 54         | 46.59    | 32.96    | 4.73   | 33.57  | 100    | 31      | A       | H       |
|                                     |                                                                                             | 2389.2    | 62.48      | -11.52 | 74         | 58.74    | 32.77    | 4.62   | 33.65  | 100    | 38      | P       | V       |
|                                     |                                                                                             | 2389.74   | 49.95      | -4.05  | 54         | 46.21    | 32.77    | 4.62   | 33.65  | 100    | 38      | A       | V       |
|                                     | *                                                                                           | 2437      | 102.94     | -      | -          | 98.97    | 32.89    | 4.68   | 33.6   | 100    | 38      | P       | V       |
|                                     | *                                                                                           | 2437      | 93.1       | -      | -          | 89.13    | 32.89    | 4.68   | 33.6   | 100    | 38      | A       | V       |
|                                     |                                                                                             | 2483.72   | 62.01      | -11.99 | 74         | 57.89    | 32.96    | 4.73   | 33.57  | 100    | 38      | P       | V       |
|                                     |                                                                                             | 2484.44   | 48.75      | -5.25  | 54         | 44.63    | 32.96    | 4.73   | 33.57  | 100    | 38      | A       | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



| WIFI                                | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                                   |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11n<br>HT40<br>CH 09<br>2452MHz |                                                              | 2387.85   | 56.25      | -17.75 | 74         | 52.51    | 32.77    | 4.62   | 33.65  | 100    | 33      | P     | H     |
|                                     |                                                              | 2384.97   | 44.63      | -9.37  | 54         | 40.94    | 32.73    | 4.62   | 33.66  | 100    | 33      | A     | H     |
|                                     | *                                                            | 2452      | 101.01     | -      | -          | 97.04    | 32.89    | 4.68   | 33.6   | 100    | 33      | P     | H     |
|                                     | *                                                            | 2452      | 91.15      | -      | -          | 87.18    | 32.89    | 4.68   | 33.6   | 100    | 33      | A     | H     |
|                                     |                                                              | 2483.56   | 61.07      | -12.93 | 74         | 56.95    | 32.96    | 4.73   | 33.57  | 100    | 33      | P     | H     |
|                                     |                                                              | 2483.8    | 47.98      | -6.02  | 54         | 43.86    | 32.96    | 4.73   | 33.57  | 100    | 33      | A     | H     |
|                                     |                                                              | 2360.4    | 55.32      | -18.68 | 74         | 51.7     | 32.7     | 4.6    | 33.68  | 100    | 64      | P     | V     |
|                                     |                                                              | 2389.2    | 43.7       | -10.3  | 54         | 39.96    | 32.77    | 4.62   | 33.65  | 100    | 64      | A     | V     |
|                                     | *                                                            | 2452      | 98.01      | -      | -          | 94.04    | 32.89    | 4.68   | 33.6   | 100    | 64      | P     | V     |
|                                     | *                                                            | 2452      | 88.11      | -      | -          | 84.14    | 32.89    | 4.68   | 33.6   | 100    | 64      | A     | V     |
|                                     |                                                              | 2483.84   | 59.2       | -14.8  | 74         | 55.08    | 32.96    | 4.73   | 33.57  | 100    | 64      | P     | V     |
|                                     |                                                              | 2483.68   | 47.04      | -6.96  | 54         | 42.92    | 32.96    | 4.73   | 33.57  | 100    | 64      | A     | V     |
| Remark                              | 3. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |       |       |
|                                     | 4. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 03<br>2422MHz |                                                                                             | 4845      | 40.45      | -33.55 | 74         | 57.45    | 35.03    | 6.55   | 58.58  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7266      | 41.89      | -32.11 | 74         | 55.42    | 36.37    | 8.2    | 58.1   | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4845      | 39.85      | -34.15 | 74         | 56.85    | 35.03    | 6.55   | 58.58  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7266      | 42.4       | -31.6  | 74         | 55.93    | 36.37    | 8.2    | 58.1   | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 4875      | 39.64      | -34.36 | 74         | 56.58    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7311      | 43.11      | -30.89 | 74         | 56.64    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4875      | 40.57      | -33.43 | 74         | 57.51    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7311      | 44.48      | -29.52 | 74         | 58.01    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT40<br>CH 09<br>2452MHz |                                                                                             | 4905      | 40.01      | -33.99 | 74         | 56.86    | 35.02    | 6.59   | 58.46  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7356      | 41.61      | -32.39 | 74         | 55.15    | 36.42    | 8.29   | 58.25  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4905      | 40         | -34    | 74         | 56.85    | 35.02    | 6.59   | 58.46  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7356      | 42.38      | -31.62 | 74         | 55.92    | 36.42    | 8.29   | 58.25  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 - 5725~5850MHz

## WIFI 802.11a (Band Edge @ 3m)

| WIFI                         | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                         |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                            |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a<br>CH 149<br>5745MHz | *                                                            | 5744      | 104.63     |        |            | 93.77    | 35.79    | 7.18   | 32.11  | 100    | 60      | P       | H       |
|                              | *                                                            | 5744      | 93.29      |        |            | 82.43    | 35.79    | 7.18   | 32.11  | 100    | 60      | P       | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              | *                                                            | 5743      | 102.42     | -      | -          | 91.56    | 35.79    | 7.18   | 32.11  | 101    | 318     | P       | V       |
|                              | *                                                            | 5743      | 91.43      | -      | -          | 80.57    | 35.79    | 7.18   | 32.11  | 101    | 318     | P       | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11a<br>CH 157<br>5785MHz | *                                                            | 5783      | 103.44     | -      | -          | 92.52    | 35.82    | 7.2    | 32.1   | 100    | 65      | P       | H       |
|                              | *                                                            | 5783      | 92.61      | -      | -          | 81.69    | 35.82    | 7.2    | 32.1   | 100    | 65      | P       | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              | *                                                            | 5783      | 102.77     | -      | -          | 91.85    | 35.82    | 7.2    | 32.1   | 100    | 320     | P       | V       |
|                              | *                                                            | 5783      | 91.35      | -      | -          | 80.43    | 35.82    | 7.2    | 32.1   | 100    | 320     | P       | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11a<br>CH 165<br>5825MHz | *                                                            | 5827      | 102.52     | -      | -          | 91.51    | 35.86    | 7.24   | 32.09  | 100    | 57      | P       | H       |
|                              | *                                                            | 5827      | 91.64      | -      | -          | 80.63    | 35.86    | 7.24   | 32.09  | 100    | 57      | P       | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              | *                                                            | 5823      | 101.53     | -      | -          | 90.52    | 35.86    | 7.24   | 32.09  | 100    | 318     | P       | V       |
|                              | *                                                            | 5823      | 90.5       | -      | -          | 79.49    | 35.86    | 7.24   | 32.09  | 100    | 318     | P       | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                       | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                              | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11a (Harmonic @ 3m)

| WIFI                         | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                         |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                            |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a<br>CH 149<br>5745MHz |                                                              | 11490     | 45.17      | -28.83 | 74         | 52.76    | 38.99    | 10.33  | 56.91  | 100    | 0       | P       | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              | 11490     | 44.93      | -29.07 | 74         | 52.52    | 38.99    | 10.33  | 56.91  | 100    | 0       | P       | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11a<br>CH 157<br>5785MHz |                                                              | 11570     | 44.62      | -29.38 | 74         | 52.14    | 39.03    | 10.36  | 56.91  | 100    | 0       | P       | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              | 11570     | 44.57      | -29.43 | 74         | 52.09    | 39.03    | 10.36  | 56.91  | 100    | 0       | P       | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11a<br>CH 165<br>5825MHz |                                                              | 11652     | 49.53      | -24.47 | 74         | 56.99    | 39.06    | 10.41  | 56.93  | 100    | 0       | P       | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                              |                                                              | 11652     | 49.09      | -24.91 | 74         | 56.55    | 39.06    | 10.41  | 56.93  | 100    | 0       | P       | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                       | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                              | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI                                 | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|--------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                 |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                    |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 149<br>5745MHz | *                                                            | 5743      | 103.98     | -      | -          | 93.12    | 35.79    | 7.18   | 32.11  | 100    | 68      | P       | H       |
|                                      | *                                                            | 5743      | 92.84      | -      | -          | 81.98    | 35.79    | 7.18   | 32.11  | 100    | 68      | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5747      | 102.43     | -      | -          | 91.57    | 35.79    | 7.18   | 32.11  | 100    | 27      | P       | V       |
|                                      | *                                                            | 5747      | 91.54      | -      | -          | 80.68    | 35.79    | 7.18   | 32.11  | 100    | 27      | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 157<br>5785MHz | *                                                            | 5787      | 104.36     | -      | -          | 93.43    | 35.83    | 7.2    | 32.1   | 108    | 59      | P       | H       |
|                                      | *                                                            | 5787      | 93.32      | -      | -          | 82.39    | 35.83    | 7.2    | 32.1   | 108    | 59      | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5783      | 102.89     | -      | -          | 91.97    | 35.82    | 7.2    | 32.1   | 100    | 318     | P       | V       |
|                                      | *                                                            | 5783      | 91.68      | -      | -          | 80.76    | 35.82    | 7.2    | 32.1   | 100    | 318     | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 165<br>5825MHz | *                                                            | 5823      | 103.62     | -      | -          | 92.61    | 35.86    | 7.24   | 32.09  | 107    | 59      | P       | H       |
|                                      | *                                                            | 5823      | 92.57      | -      | -          | 81.56    | 35.86    | 7.24   | 32.09  | 107    | 59      | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5827      | 101.97     | -      | -          | 90.96    | 35.86    | 7.24   | 32.09  | 100    | 318     | P       | V       |
|                                      | *                                                            | 5827      | 91.01      | -      | -          | 80       | 35.86    | 7.24   | 32.09  | 100    | 318     | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                               | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                                      | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



**15C Band 4 5725~5850MHz**

**WIFI 802.11n HT20 (Harmonic @ 3m)**

| WIFI                                 | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|--------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                 |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                    |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 149<br>5745MHz |                                                                                             | 11490     | 45.38      | -28.62 | 74         | 52.97    | 38.99    | 10.33  | 56.91  | 100    | 0       | P       | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             | 11490     | 45.34      | -28.66 | 74         | 52.93    | 38.99    | 10.33  | 56.91  | 100    | 0       | P       | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 157<br>5785MHz |                                                                                             | 11570     | 44.58      | -29.42 | 74         | 52.1     | 39.03    | 10.36  | 56.91  | 100    | 0       | P       | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             | 11570     | 45.22      | -28.78 | 74         | 52.74    | 39.03    | 10.36  | 56.91  | 100    | 0       | P       | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 165<br>5825MHz |                                                                                             | 11648     | 47.69      | -26.31 | 74         | 55.15    | 39.06    | 10.41  | 56.93  | 100    | 0       | P       | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             | 11650     | 44.76      | -29.24 | 74         | 52.22    | 39.06    | 10.41  | 56.93  | 100    | 0       | P       | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                               | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI                                 | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|--------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                 |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                    |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 151<br>5755MHz | *                                                            | 5753      | 102.14     | -      | -          | 91.26    | 35.81    | 7.18   | 32.11  | 100    | 61      | P       | H       |
|                                      | *                                                            | 5753      | 92.49      | -      | -          | 81.61    | 35.81    | 7.18   | 32.11  | 100    | 61      | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5757      | 100.58     | -      | -          | 89.7     | 35.81    | 7.18   | 32.11  | 101    | 318     | P       | V       |
|                                      | *                                                            | 5757      | 90.79      | -      | -          | 79.91    | 35.81    | 7.18   | 32.11  | 101    | 318     | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT40<br>CH 159<br>5795MHz | *                                                            | 5797      | 101.03     | -      | -          | 90.08    | 35.83    | 7.22   | 32.1   | 100    | 58      | P       | H       |
|                                      | *                                                            | 5797      | 91.55      | -      | -          | 80.6     | 35.83    | 7.22   | 32.1   | 100    | 58      | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5793      | 101.29     | -      | -          | 90.34    | 35.83    | 7.22   | 32.1   | 109    | 27      | P       | V       |
|                                      | *                                                            | 5793      | 91.67      | -      | -          | 80.72    | 35.83    | 7.22   | 32.1   | 109    | 27      | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                               | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                                      | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI                                 | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|--------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                 |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                                    |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11n<br>HT40<br>CH 151<br>5755MHz |                                                              | 11510     | 45.67      | -28.33 | 74         | 53.23    | 39       | 10.34  | 56.9   | 100    | 0       | P     | H     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                      |                                                              | 11510     | 44.45      | -29.55 | 74         | 52.01    | 39       | 10.34  | 56.9   | 100    | 0       | P     | V     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
| 802.11n<br>HT40<br>CH 159<br>5795MHz |                                                              | 11590     | 43.91      | -30.09 | 74         | 51.42    | 39.03    | 10.38  | 56.92  | 100    | 0       | P     | H     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                      |                                                              | 11590     | 45.34      | -28.66 | 74         | 52.85    | 39.03    | 10.38  | 56.92  | 100    | 0       | P     | V     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                               | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |       |       |
|                                      | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C Band 4 5725~5850MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI                                                                                                                                                        | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                                                                                                                                        |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                                                                                                                                           |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11ac<br>VHT80<br>CH 155<br>5775MHz                                                                                                                      | *    | 5773      | 97.66      | -      | -          | 86.74    | 35.82    | 7.2    | 32.1   | 100    | 60      | P       | H       |
|                                                                                                                                                             | *    | 5773      | 88.17      | -      | -          | 77.25    | 35.82    | 7.2    | 32.1   | 100    | 60      | P       | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             | *    | 5773      | 96.49      | -      | -          | 85.57    | 35.82    | 7.2    | 32.1   | 100    | 26      | P       | V       |
|                                                                                                                                                             | *    | 5773      | 86.85      | -      | -          | 75.93    | 35.82    | 7.2    | 32.1   | 100    | 26      | P       | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
| <b>Remark</b> <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol> |      |           |            |        |            |          |          |        |        |        |         |         |         |

## 15C Band 4 5725~5850MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI                                                                                                                                                        | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                                                                                                                                        |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                                                                                                                                                           |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11ac<br>VHT80<br>CH 155<br>5775MHz                                                                                                                      |      | 11550     | 43.01      | -30.99 | 74         | 50.54    | 39.02    | 10.36  | 56.91  | 100    | 0       | P       | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                                                                                                                                             |      | 11550     | 43.45      | -30.55 | 74         | 50.98    | 39.02    | 10.36  | 56.91  | 100    | 0       | P       | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                                                                                                                                             |      |           |            |        |            |          |          |        |        |        |         |         | V       |
| <b>Remark</b> <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol> |      |           |            |        |            |          |          |        |        |        |         |         |         |

## 15C Emission below 1GHz

**2.4GHz WIFI 802.11n HT40 (LF)**

[illegible]

## 15C Emission below 1GHz

## 5GHz WIFI 802.11a (LF)

[illegible]

**Note symbol**

|     |                                                                                                                                                                        |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c). |
| !   | Test result is <b>over limit</b> line.                                                                                                                                 |
| P/A | <b>Peak</b> or <b>Average</b>                                                                                                                                          |
| H/V | <b>Horizontal</b> or <b>Vertical</b>                                                                                                                                   |



A calculation example for radiated spurious emission is shown as below:

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Band Edge @ 3m)

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 2                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b<br>CH 11<br>2462MHz | *                                                                                           | 2462      | 104.03     | -      | -          | 100      | 32.92    | 4.7    | 33.59  | 122    | 14      | P       | H       |
|                             | *                                                                                           | 2462      | 98.65      | -      | -          | 94.62    | 32.92    | 4.7    | 33.59  | 122    | 14      | A       | H       |
|                             |                                                                                             | 2489.12   | 56.71      | -17.29 | 74         | 52.54    | 33       | 4.73   | 33.56  | 122    | 14      | P       | H       |
|                             |                                                                                             | 2490.2    | 44.86      | -9.14  | 54         | 40.69    | 33       | 4.73   | 33.56  | 122    | 14      | A       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             | *                                                                                           | 2462      | 101.54     | -      | -          | 97.51    | 32.92    | 4.7    | 33.59  | 100    | 72      | P       | V       |
|                             | *                                                                                           | 2462      | 96.29      | -      | -          | 92.26    | 32.92    | 4.7    | 33.59  | 100    | 72      | A       | V       |
|                             |                                                                                             | 2489.36   | 56.11      | -17.89 | 74         | 51.94    | 33       | 4.73   | 33.56  | 100    | 72      | P       | V       |
|                             |                                                                                             | 2490.4    | 44.08      | -9.92  | 54         | 39.91    | 33       | 4.73   | 33.56  | 100    | 72      | A       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |

## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 2                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b<br>CH 11<br>2462MHz |                                                                                             | 4924      | 41.89      | -32.11 | 74         | 58.7     | 35.01    | 6.6    | 58.42  | 100    | 0       | P       | H       |
|                             |                                                                                             | 7386      | 40.9       | -33.1  | 74         | 54.46    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                             |                                                                                             | 4923      | 41.2       | -32.8  | 74         | 58.02    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | V       |
|                             |                                                                                             | 7386      | 40.96      | -33.04 | 74         | 54.52    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                             |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 2                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 2385.51   | 60.48      | -13.52 | 74         | 56.74    | 32.77    | 4.62   | 33.65  | 109    | 69      | P       | H       |
|                                     |                                                                                             | 2386.77   | 47.6       | -6.4   | 54         | 43.86    | 32.77    | 4.62   | 33.65  | 109    | 69      | A       | H       |
|                                     | *                                                                                           | 2437      | 103.07     | -      | -          | 99.1     | 32.89    | 4.68   | 33.6   | 109    | 69      | P       | H       |
|                                     | *                                                                                           | 2437      | 93.07      | -      | -          | 89.1     | 32.89    | 4.68   | 33.6   | 109    | 69      | A       | H       |
|                                     |                                                                                             | 2484.08   | 62         | -12    | 74         | 57.88    | 32.96    | 4.73   | 33.57  | 109    | 69      | P       | H       |
|                                     |                                                                                             | 2483.76   | 49.95      | -4.05  | 54         | 45.83    | 32.96    | 4.73   | 33.57  | 109    | 69      | A       | H       |
|                                     |                                                                                             | 2389.02   | 56.23      | -17.77 | 74         | 52.49    | 32.77    | 4.62   | 33.65  | 106    | 102     | P       | V       |
|                                     |                                                                                             | 2388.84   | 44.62      | -9.38  | 54         | 40.88    | 32.77    | 4.62   | 33.65  | 106    | 102     | A       | V       |
|                                     | *                                                                                           | 2437      | 98.54      | -      | -          | 94.57    | 32.89    | 4.68   | 33.6   | 106    | 102     | P       | V       |
|                                     | *                                                                                           | 2437      | 88.86      | -      | -          | 84.89    | 32.89    | 4.68   | 33.6   | 106    | 102     | A       | V       |
|                                     |                                                                                             | 2487.2    | 60.06      | -13.94 | 74         | 55.94    | 32.96    | 4.73   | 33.57  | 106    | 102     | P       | V       |
|                                     |                                                                                             | 2484.52   | 47.35      | -6.65  | 54         | 43.23    | 32.96    | 4.73   | 33.57  | 106    | 102     | A       | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |

## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 2                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 4875      | 41.23      | -32.77 | 74         | 58.17    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7311      | 41.91      | -32.09 | 74         | 55.44    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4875      | 40.82      | -33.18 | 74         | 57.76    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7311      | 42.52      | -31.48 | 74         | 56.05    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 - 5725~5850MHz

## WIFI 802.11a (Band Edge @ 3m)

| WIFI                         | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                         |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 2                            |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11a<br>CH 165<br>5825MHz | *                                                            | 5825      | 102.88     | -      | -          | 91.87    | 35.86    | 7.24   | 32.09  | 100    | 113     | P     | H     |
|                              | *                                                            | 5825      | 91.93      | -      | -          | 80.92    | 35.86    | 7.24   | 32.09  | 100    | 113     | A     | H     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              | *                                                            | 5825      | 101.7      | -      | -          | 90.69    | 35.86    | 7.24   | 32.09  | 109    | 339     | P     | V     |
|                              | *                                                            | 5825      | 90.07      | -      | -          | 79.06    | 35.86    | 7.24   | 32.09  | 109    | 339     | A     | V     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                       | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |       |       |
|                              | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C Band 4 5725~5850MHz

## WIFI 802.11a (Harmonic @ 3m)

| WIFI                         | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                         |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 2                            |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11a<br>CH 165<br>5825MHz |                                                                                             | 11652     | 50.24      | -23.76 | 74         | 57.7     | 39.06    | 10.41  | 56.93  | 100    | 0       | P     | H     |
|                              |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | H     |
|                              |                                                                                             | 11650     | 51.82      | -22.18 | 74         | 59.28    | 39.06    | 10.41  | 56.93  | 100    | 0       | P     | V     |
|                              |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | V     |
|                              |                                                                                             |           |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |

## 15C Emission below 1GHz

**2.4GHz WIFI 802.11n HT40 (LF)**

| WIFI                                    | Note                                                                       | Frequency | Level      | Over   | Limit      | Read   | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-----------------------------------------|----------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                    |                                                                            |           |            | Limit  | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 2                                       |                                                                            | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz<br>802.11n<br><br>HT40<br><br>LF |                                                                            | 101.01    | 31.65      | -11.85 | 43.5       | 51.89  | 10.44    | 1.1    | 31.78  | -      | -       | P     | H     |
|                                         |                                                                            | 192       | 37.69      | -5.81  | 43.5       | 59.22  | 8.8      | 1.45   | 31.78  | 158    | 129     | P     | H     |
|                                         |                                                                            | 279.48    | 29.28      | -16.72 | 46         | 46.5   | 12.81    | 1.73   | 31.76  | -      | -       | P     | H     |
|                                         |                                                                            | 479.9     | 23.27      | -22.73 | 46         | 35.25  | 17.7     | 2.19   | 31.87  | -      | -       | P     | H     |
|                                         |                                                                            | 558.3     | 26.62      | -19.38 | 46         | 36.2   | 20.06    | 2.34   | 31.98  | -      | -       | P     | H     |
|                                         |                                                                            | 797.7     | 24.56      | -21.44 | 46         | 31.65  | 22       | 2.83   | 31.92  | -      | -       | P     | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                         |                                                                            | 98.31     | 29.52      | -13.98 | 43.5       | 50.29  | 9.92     | 1.09   | 31.78  | -      | -       | P     | V     |
|                                         |                                                                            | 192       | 29.62      | -13.88 | 43.5       | 51.15  | 8.8      | 1.45   | 31.78  | 103    | 88      | P     | V     |
|                                         |                                                                            | 279.75    | 25.41      | -20.59 | 46         | 42.63  | 12.81    | 1.73   | 31.76  | -      | -       | P     | V     |
|                                         |                                                                            | 540.8     | 27.07      | -18.93 | 46         | 38.09  | 18.62    | 2.31   | 31.95  | -      | -       | P     | V     |
|                                         |                                                                            | 796.3     | 26.48      | -19.52 | 46         | 33.57  | 22       | 2.83   | 31.92  | -      | -       | P     | V     |
|                                         |                                                                            | 837.6     | 26.81      | -19.19 | 46         | 32.51  | 23.14    | 2.9    | 31.74  | -      | -       | P     | V     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                         |                                                                            |           |            |        |            |        |          |        |        |        |         | V     |       |
| Remark                                  | 1. No other spurious found.<br>2. All results are PASS against limit line. |           |            |        |            |        |          |        |        |        |         |       |       |

## 15C Emission below 1GHz

## 5GHz WIFI 802.11a (LF)

[illegible]

**Note symbol**

|     |                                                                                                                                                                        |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c). |
| !   | Test result is <b>over limit</b> line.                                                                                                                                 |
| P/A | <b>Peak</b> or <b>Average</b>                                                                                                                                          |
| H/V | <b>Horizontal</b> or <b>Vertical</b>                                                                                                                                   |



A calculation example for radiated spurious emission is shown as below:

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**



**15C 2.4GHz 2400~2483.5MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                 |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 01<br>2412MHz |                                                                                             | 2389.74   | 58.83      | -15.17 | 74         | 55.09    | 32.77    | 4.62   | 33.65  | 100    | 6       | P       | H       |
|                                     |                                                                                             | 2390      | 44.37      | -9.63  | 54         | 40.63    | 32.77    | 4.62   | 33.65  | 100    | 6       | A       | H       |
|                                     | *                                                                                           | 2412      | 103.1      | -      | -          | 99.27    | 32.81    | 4.65   | 33.63  | 100    | 6       | P       | H       |
|                                     | *                                                                                           | 2412      | 91.37      | -      | -          | 87.54    | 32.81    | 4.65   | 33.63  | 100    | 6       | A       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 2387.49   | 57.06      | -16.94 | 74         | 53.32    | 32.77    | 4.62   | 33.65  | 100    | 120     | P       | V       |
|                                     |                                                                                             | 2390      | 43.6       | -10.4  | 54         | 39.86    | 32.77    | 4.62   | 33.65  | 100    | 120     | A       | V       |
|                                     | *                                                                                           | 2412      | 102.93     | -      | -          | 99.1     | 32.81    | 4.65   | 33.63  | 100    | 120     | P       | V       |
|                                     | *                                                                                           | 2412      | 87.18      | -      | -          | 83.35    | 32.81    | 4.65   | 33.63  | 100    | 120     | A       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 06<br>2437MHz |                                                                                             | 2371.56   | 57.78      | -16.22 | 74         | 54.11    | 32.73    | 4.6    | 33.66  | 119    | 20      | P       | H       |
|                                     |                                                                                             | 2385.33   | 43.71      | -10.29 | 54         | 40.02    | 32.73    | 4.62   | 33.66  | 119    | 20      | A       | H       |
|                                     | *                                                                                           | 2437      | 106.57     | -      | -          | 102.6    | 32.89    | 4.68   | 33.6   | 119    | 20      | P       | H       |
|                                     | *                                                                                           | 2437      | 93.05      | -      | -          | 89.08    | 32.89    | 4.68   | 33.6   | 119    | 20      | A       | H       |
|                                     |                                                                                             | 2488.36   | 57.46      | -16.54 | 74         | 53.29    | 33       | 4.73   | 33.56  | 119    | 20      | P       | H       |
|                                     |                                                                                             | 2484.04   | 43.21      | -10.79 | 54         | 39.09    | 32.96    | 4.73   | 33.57  | 119    | 20      | A       | H       |
|                                     |                                                                                             | 2378.58   | 55.93      | -18.07 | 74         | 52.26    | 32.73    | 4.6    | 33.66  | 100    | 76      | P       | V       |
|                                     |                                                                                             | 2390      | 42.87      | -11.13 | 54         | 39.13    | 32.77    | 4.62   | 33.65  | 100    | 76      | A       | V       |
|                                     | *                                                                                           | 2437      | 103.69     | -      | -          | 99.72    | 32.89    | 4.68   | 33.6   | 100    | 76      | P       | V       |
|                                     | *                                                                                           | 2437      | 90.97      | -      | -          | 87       | 32.89    | 4.68   | 33.6   | 100    | 76      | A       | V       |
|                                     |                                                                                             | 2486.72   | 56.29      | -17.71 | 74         | 52.17    | 32.96    | 4.73   | 33.57  | 100    | 76      | P       | V       |
|                                     |                                                                                             | 2489.04   | 43.19      | -10.81 | 54         | 39.02    | 33       | 4.73   | 33.56  | 100    | 76      | A       | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



| WIFI                                | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1+2                                 |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11n<br>HT20<br>CH 11<br>2462MHz | *                                                            | 2462      | 100.93     | -      | -          | 96.9     | 32.92    | 4.7    | 33.59  | 100    | 2       | P     | H     |
|                                     | *                                                            | 2462      | 88.36      | -      | -          | 84.33    | 32.92    | 4.7    | 33.59  | 100    | 2       | A     | H     |
|                                     |                                                              | 2483.72   | 57.11      | -16.89 | 74         | 52.99    | 32.96    | 4.73   | 33.57  | 100    | 2       | P     | H     |
|                                     |                                                              | 2483.6    | 43.45      | -10.55 | 54         | 39.33    | 32.96    | 4.73   | 33.57  | 100    | 2       | A     | H     |
|                                     |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                     |                                                              |           |            |        |            |          |          |        |        |        |         |       | H     |
|                                     | *                                                            | 2462      | 103.58     | -      | -          | 99.55    | 32.92    | 4.7    | 33.59  | 100    | 61      | P     | V     |
|                                     | *                                                            | 2462      | 90.95      | -      | -          | 86.92    | 32.92    | 4.7    | 33.59  | 100    | 61      | A     | V     |
|                                     |                                                              | 2483.96   | 59.82      | -14.18 | 74         | 55.7     | 32.96    | 4.73   | 33.57  | 100    | 61      | P     | V     |
|                                     |                                                              | 2483.68   | 44.67      | -9.33  | 54         | 40.55    | 32.96    | 4.73   | 33.57  | 100    | 61      | A     | V     |
|                                     |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
|                                     |                                                              |           |            |        |            |          |          |        |        |        |         |       | V     |
| Remark                              | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |       |       |
|                                     | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                 |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 01<br>2412MHz |                                                                                             | 4824      | 39.14      | -34.86 | 74         | 56.18    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4824      | 39.64      | -34.36 | 74         | 56.68    | 35.03    | 6.54   | 58.61  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 06<br>2437MHz |                                                                                             | 4875      | 40.02      | -33.98 | 74         | 56.96    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7311      | 42.81      | -31.19 | 74         | 56.34    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4875      | 40.59      | -33.41 | 74         | 57.53    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7311      | 43.05      | -30.95 | 74         | 56.58    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 11<br>2462MHz |                                                                                             | 4923      | 41.21      | -32.79 | 74         | 58.03    | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7386      | 41.47      | -32.53 | 74         | 55.03    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4923      | 40.88      | -33.12 | 74         | 57.7     | 35.01    | 6.59   | 58.42  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7386      | 41.19      | -32.81 | 74         | 54.75    | 36.44    | 8.31   | 58.31  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



**15C 2.4GHz 2400~2483.5MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                 |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 03<br>2422MHz |                                                                                             | 2387.85   | 63.76      | -10.24 | 74         | 60.02    | 32.77    | 4.62   | 33.65  | 151    | 155     | P       | H       |
|                                     |                                                                                             | 2389.92   | 51.04      | -2.96  | 54         | 47.3     | 32.77    | 4.62   | 33.65  | 151    | 155     | A       | H       |
|                                     | *                                                                                           | 2422      | 104.76     | -      | -          | 100.88   | 32.85    | 4.65   | 33.62  | 151    | 155     | P       | H       |
|                                     | *                                                                                           | 2422      | 94.65      | -      | -          | 90.77    | 32.85    | 4.65   | 33.62  | 151    | 155     | A       | H       |
|                                     |                                                                                             | 2489.8    | 56.1       | -17.9  | 74         | 51.93    | 33       | 4.73   | 33.56  | 151    | 155     | P       | H       |
|                                     |                                                                                             | 2489.4    | 44.05      | -9.95  | 54         | 39.88    | 33       | 4.73   | 33.56  | 151    | 155     | A       | H       |
|                                     |                                                                                             | 2389.47   | 57.26      | -16.74 | 74         | 53.52    | 32.77    | 4.62   | 33.65  | 100    | 122     | P       | V       |
|                                     |                                                                                             | 2389.65   | 45.06      | -8.94  | 54         | 41.32    | 32.77    | 4.62   | 33.65  | 100    | 122     | A       | V       |
|                                     | *                                                                                           | 2422      | 98.21      | -      | -          | 94.33    | 32.85    | 4.65   | 33.62  | 100    | 122     | P       | V       |
|                                     | *                                                                                           | 2422      | 88.55      | -      | -          | 84.67    | 32.85    | 4.65   | 33.62  | 100    | 122     | A       | V       |
|                                     |                                                                                             | 2487      | 55.21      | -18.79 | 74         | 51.09    | 32.96    | 4.73   | 33.57  | 100    | 122     | P       | V       |
|                                     |                                                                                             | 2483.8    | 43.5       | -10.5  | 54         | 39.38    | 32.96    | 4.73   | 33.57  | 100    | 122     | A       | V       |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 2389.83   | 62.13      | -11.87 | 74         | 58.39    | 32.77    | 4.62   | 33.65  | 147    | 166     | P       | H       |
|                                     |                                                                                             | 2389.74   | 49.51      | -4.49  | 54         | 45.77    | 32.77    | 4.62   | 33.65  | 147    | 166     | A       | H       |
|                                     | *                                                                                           | 2437      | 105.8      | -      | -          | 101.83   | 32.89    | 4.68   | 33.6   | 147    | 166     | P       | H       |
|                                     | *                                                                                           | 2437      | 96         | -      | -          | 92.03    | 32.89    | 4.68   | 33.6   | 147    | 166     | A       | H       |
|                                     |                                                                                             | 2484.36   | 59.83      | -14.17 | 74         | 55.71    | 32.96    | 4.73   | 33.57  | 147    | 166     | P       | H       |
|                                     |                                                                                             | 2483.8    | 47.24      | -6.76  | 54         | 43.12    | 32.96    | 4.73   | 33.57  | 147    | 166     | A       | H       |
|                                     |                                                                                             | 2388.39   | 56.75      | -17.25 | 74         | 53.01    | 32.77    | 4.62   | 33.65  | 100    | 81      | P       | V       |
|                                     |                                                                                             | 2389.56   | 44.47      | -9.53  | 54         | 40.73    | 32.77    | 4.62   | 33.65  | 100    | 81      | A       | V       |
|                                     | *                                                                                           | 2437      | 100.94     | -      | -          | 96.97    | 32.89    | 4.68   | 33.6   | 100    | 81      | P       | V       |
|                                     | *                                                                                           | 2437      | 90.85      | -      | -          | 86.88    | 32.89    | 4.68   | 33.6   | 100    | 81      | A       | V       |
|                                     |                                                                                             | 2483.84   | 58.28      | -15.72 | 74         | 54.16    | 32.96    | 4.73   | 33.57  | 100    | 81      | P       | V       |
|                                     |                                                                                             | 2484.92   | 45.35      | -8.65  | 54         | 41.23    | 32.96    | 4.73   | 33.57  | 100    | 81      | A       | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1+2                                 |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11n<br>HT40<br>CH 09<br>2452MHz |                                                                                             | 2377.86   | 55.12      | -18.88 | 74         | 51.45    | 32.73    | 4.6    | 33.66  | 122    | 8       | P     | H     |
|                                     |                                                                                             | 2390      | 43.18      | -10.82 | 54         | 39.44    | 32.77    | 4.62   | 33.65  | 122    | 8       | A     | H     |
|                                     | *                                                                                           | 2452      | 98.08      | -      | -          | 94.11    | 32.89    | 4.68   | 33.6   | 122    | 8       | P     | H     |
|                                     | *                                                                                           | 2452      | 88.45      | -      | -          | 84.48    | 32.89    | 4.68   | 33.6   | 122    | 8       | A     | H     |
|                                     |                                                                                             | 2483.56   | 60.19      | -13.81 | 74         | 56.07    | 32.96    | 4.73   | 33.57  | 122    | 8       | P     | H     |
|                                     |                                                                                             | 2484.24   | 47.43      | -6.57  | 54         | 43.31    | 32.96    | 4.73   | 33.57  | 122    | 8       | A     | H     |
|                                     |                                                                                             | 2344.29   | 55.16      | -18.84 | 74         | 51.62    | 32.66    | 4.57   | 33.69  | 100    | 82      | P     | V     |
|                                     |                                                                                             | 2386.68   | 43.17      | -10.83 | 54         | 39.43    | 32.77    | 4.62   | 33.65  | 100    | 82      | A     | V     |
|                                     | *                                                                                           | 2452      | 97.18      | -      | -          | 93.21    | 32.89    | 4.68   | 33.6   | 100    | 82      | P     | V     |
|                                     | *                                                                                           | 2452      | 87.52      | -      | -          | 83.55    | 32.89    | 4.68   | 33.6   | 100    | 82      | A     | V     |
|                                     |                                                                                             | 2486.2    | 56.91      | -17.09 | 74         | 52.79    | 32.96    | 4.73   | 33.57  | 100    | 82      | P     | V     |
|                                     |                                                                                             | 2486.32   | 45         | -9     | 54         | 40.88    | 32.96    | 4.73   | 33.57  | 100    | 82      | A     | V     |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |       |       |



## 15C 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI                                | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|-------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                 |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 03<br>2422MHz |                                                                                             | 4845      | 39.21      | -34.79 | 74         | 56.21    | 35.03    | 6.55   | 58.58  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7266      | 41.17      | -32.83 | 74         | 54.7     | 36.37    | 8.2    | 58.1   | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4845      | 39.68      | -34.32 | 74         | 56.68    | 35.03    | 6.55   | 58.58  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7266      | 41.56      | -32.44 | 74         | 55.09    | 36.37    | 8.2    | 58.1   | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 4875      | 39.71      | -34.29 | 74         | 56.65    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7311      | 42.44      | -31.56 | 74         | 55.97    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4875      | 40.68      | -33.32 | 74         | 57.62    | 35.02    | 6.56   | 58.52  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7311      | 43.33      | -30.67 | 74         | 56.86    | 36.39    | 8.24   | 58.16  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT40<br>CH 09<br>2452MHz |                                                                                             | 4905      | 40.35      | -33.65 | 74         | 57.2     | 35.02    | 6.59   | 58.46  | 100    | 0       | P       | H       |
|                                     |                                                                                             | 7356      | 42.61      | -31.39 | 74         | 56.15    | 36.42    | 8.29   | 58.25  | 100    | 0       | P       | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                     |                                                                                             | 4905      | 39.99      | -34.01 | 74         | 56.84    | 35.02    | 6.59   | 58.46  | 100    | 0       | P       | V       |
|                                     |                                                                                             | 7356      | 43.68      | -30.32 | 74         | 57.22    | 36.42    | 8.29   | 58.25  | 100    | 0       | P       | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                     |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI                                 | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|--------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                 |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                  |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 149<br>5745MHz | *                                                                                           | 5743      | 105.71     | -      | -          | 94.85    | 35.79    | 7.18   | 32.11  | 109    | 199     | P       | H       |
|                                      | *                                                                                           | 5743      | 93.66      | -      | -          | 82.8     | 35.79    | 7.18   | 32.11  | 109    | 199     | P       | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                                                           | 5743      | 103.47     | -      | -          | 92.61    | 35.79    | 7.18   | 32.11  | 100    | 55      | P       | V       |
|                                      | *                                                                                           | 5743      | 92.27      | -      | -          | 81.41    | 35.79    | 7.18   | 32.11  | 100    | 55      | P       | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 157<br>5785MHz | *                                                                                           | 5783      | 104.76     | -      | -          | 93.84    | 35.82    | 7.2    | 32.1   | 100    | 221     | P       | H       |
|                                      | *                                                                                           | 5783      | 92.95      | -      | -          | 82.03    | 35.82    | 7.2    | 32.1   | 100    | 221     | P       | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                                                           | 5783      | 105.07     | -      | -          | 94.15    | 35.82    | 7.2    | 32.1   | 100    | 54      | P       | V       |
|                                      | *                                                                                           | 5783      | 93.87      | -      | -          | 82.95    | 35.82    | 7.2    | 32.1   | 100    | 54      | P       | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 165<br>5825MHz | *                                                                                           | 5824      | 105.29     | -      | -          | 94.28    | 35.86    | 7.24   | 32.09  | 100    | 282     | P       | H       |
|                                      | *                                                                                           | 5824      | 93.85      | -      | -          | 82.84    | 35.86    | 7.24   | 32.09  | 100    | 282     | P       | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                                                           | 5827      | 105.71     | -      | -          | 94.7     | 35.86    | 7.24   | 32.09  | 110    | 335     | P       | V       |
|                                      | *                                                                                           | 5827      | 94.37      | -      | -          | 83.36    | 35.86    | 7.24   | 32.09  | 110    | 335     | P       | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                                                             |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                               | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI                                 | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|--------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                 |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                  |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT20<br>CH 149<br>5745MHz |                                                              | 11490     | 52.91      | -21.09 | 74         | 60.5     | 38.99    | 10.33  | 56.91  | 100    | 0       | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              | 11492     | 48.94      | -25.06 | 74         | 56.53    | 38.99    | 10.33  | 56.91  | 100    | 0       | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 157<br>5785MHz |                                                              | 11570     | 53.7       | -20.3  | 74         | 61.22    | 39.03    | 10.36  | 56.91  | 100    | 0       | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              | 11572     | 48.74      | -25.26 | 74         | 56.26    | 39.03    | 10.36  | 56.91  | 100    | 0       | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT20<br>CH 165<br>5825MHz |                                                              | 11650     | 53.93      | -20.07 | 74         | 61.39    | 39.06    | 10.41  | 56.93  | 100    | 0       | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              | 11652     | 51.42      | -22.58 | 74         | 58.88    | 39.06    | 10.41  | 56.93  | 100    | 0       | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                               | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                                      | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI                                 | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|--------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                 |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                  |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11n<br>HT40<br>CH 151<br>5755MHz | *                                                            | 5753      | 103.95     | -      | -          | 93.07    | 35.81    | 7.18   | 32.11  | 100    | 286     | P       | H       |
|                                      | *                                                            | 5753      | 94.24      | -      | -          | 83.36    | 35.81    | 7.18   | 32.11  | 100    | 286     | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5757      | 102.62     | -      | -          | 91.74    | 35.81    | 7.18   | 32.11  | 110    | 335     | P       | V       |
|                                      | *                                                            | 5757      | 93.1       | -      | -          | 82.22    | 35.81    | 7.18   | 32.11  | 110    | 335     | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| 802.11n<br>HT40<br>CH 159<br>5795MHz | *                                                            | 5793      | 102.96     | -      | -          | 92.01    | 35.83    | 7.22   | 32.1   | 100    | 283     | P       | H       |
|                                      | *                                                            | 5793      | 93.4       | -      | -          | 82.45    | 35.83    | 7.22   | 32.1   | 100    | 283     | P       | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                      | *                                                            | 5797      | 102.94     | -      | -          | 91.99    | 35.83    | 7.22   | 32.1   | 110    | 334     | P       | V       |
|                                      | *                                                            | 5797      | 93.17      | -      | -          | 82.22    | 35.83    | 7.22   | 32.1   | 110    | 334     | P       | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                      |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                               | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                                      | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 15C Band 4 5725~5850MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI                                 | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preampl | Ant    | Table   | Peak  | Pol.  |
|--------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|---------|--------|---------|-------|-------|
| Ant.                                 |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor  | Pos    | Pos     | Avg.  |       |
| 1+2                                  |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB )  | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11n<br>HT40<br>CH 151<br>5755MHz |                                                              | 11508     | 50.02      | -23.98 | 74         | 57.58    | 39       | 10.34  | 56.9    | 100    | 0       | P     | H     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | H     |
|                                      |                                                              | 11512     | 46.9       | -27.1  | 74         | 54.46    | 39       | 10.34  | 56.9    | 100    | 0       | P     | V     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | V     |
| 802.11n<br>HT40<br>CH 159<br>5795MHz |                                                              | 11592     | 50.36      | -23.64 | 74         | 57.87    | 39.03    | 10.38  | 56.92   | 100    | 0       | P     | H     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | H     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | H     |
|                                      |                                                              | 11590     | 47.69      | -26.31 | 74         | 55.2     | 39.03    | 10.38  | 56.92   | 100    | 0       | P     | V     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | V     |
|                                      |                                                              |           |            |        |            |          |          |        |         |        |         |       | V     |
| Remark                               | 1. No other spurious found.                                  |           |            |        |            |          |          |        |         |        |         |       |       |
|                                      | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |         |        |         |       |       |



## 15C Band 4 5725~5850MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI                                   | Note                                                         | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|----------------------------------------|--------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                                   |                                                              |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2                                    |                                                              | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11ac<br>VHT80<br>CH 155<br>5775MHz | *                                                            | 5777      | 100.07     | -      | -          | 89.15    | 35.82    | 7.2    | 32.1   | 109    | 198     | P       | H       |
|                                        | *                                                            | 5777      | 90.54      | -      | -          | 79.62    | 35.82    | 7.2    | 32.1   | 109    | 198     | P       | H       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                        | *                                                            | 5777      | 98.41      | -      | -          | 87.49    | 35.82    | 7.2    | 32.1   | 100    | 54      | P       | V       |
|                                        | *                                                            | 5777      | 88.13      | -      | -          | 77.21    | 35.82    | 7.2    | 32.1   | 100    | 54      | P       | V       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
|                                        |                                                              |           |            |        |            |          |          |        |        |        |         |         | V       |
| Remark                                 | 1. No other spurious found.                                  |           |            |        |            |          |          |        |        |        |         |         |         |
|                                        | 2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |


**15C Band 4 5725~5850MHz**
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

| WIFI              | Note | Frequency                                                                                   | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------|------|---------------------------------------------------------------------------------------------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|
| Ant.              |      |                                                                                             |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1+2               |      | ( MHz )                                                                                     | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11ac<br>VHT80 |      | 11552                                                                                       | 47.59      | -26.41 | 74         | 55.12    | 39.02    | 10.36  | 56.91  | 100    | 0       | P     | H     |
|                   |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | H     |
|                   |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | H     |
|                   |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | H     |
| CH 155<br>5775MHz |      | 11550                                                                                       | 44.61      | -29.39 | 74         | 52.14    | 39.02    | 10.36  | 56.91  | 100    | 0       | P     | V     |
|                   |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | V     |
|                   |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | V     |
|                   |      |                                                                                             |            |        |            |          |          |        |        |        |         |       | V     |
| Remark            |      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |            |        |            |          |          |        |        |        |         |       |       |

## 15C Emission below 1GHz

**2.4GHz WIFI 802.11n HT40 (LF)**

[illegible]

## 15C Emission below 1GHz

**5GHz WIFI 802.11n HT20 (LF)**

[illegible]

**Note symbol**

|     |                                                                                                                                                                        |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c). |
| !   | Test result is <b>over limit</b> line.                                                                                                                                 |
| P/A | <b>Peak</b> or <b>Average</b>                                                                                                                                          |
| H/V | <b>Horizontal</b> or <b>Vertical</b>                                                                                                                                   |



A calculation example for radiated spurious emission is shown as below:

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**