

11AX20MIMO\_Ant2\_5825



11AX40MIMO\_Ant1\_5190



11AX40MIMO\_Ant2\_5190



11AX40MIMO\_Ant1\_5230



11AX40MIMO\_Ant2\_5230



11AX40MIMO\_Ant1\_5270



11AX40MIMO\_Ant2\_5270



11AX40MIMO\_Ant1\_5310



11AX40MIMO\_Ant2\_5310



11AX40MIMO\_Ant1\_5510



11AX40MIMO\_Ant2\_5510



11AX40MIMO\_Ant1\_5550



11AX40MIMO\_Ant2\_5550



11AX40MIMO\_Ant1\_5670



11AX40MIMO\_Ant2\_5670



11AX40MIMO Ant1 5755



11AX40MIMO Ant2 5755



11AX40MIMO Ant1 5795



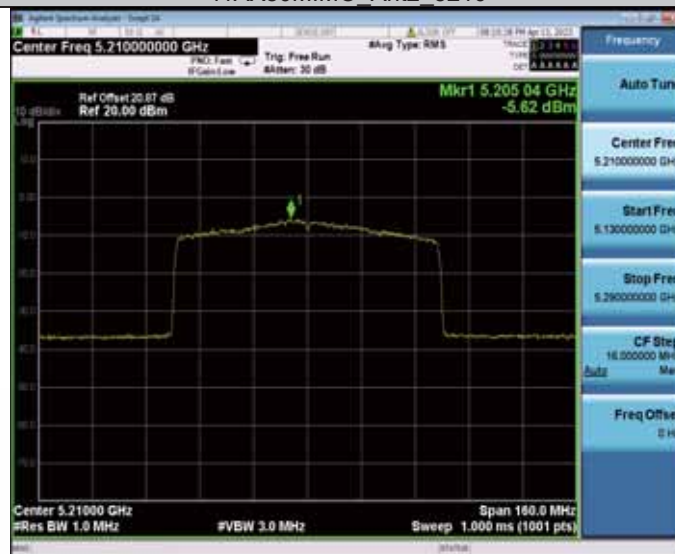
11AX40MIMO Ant2 5795



11AX80MIMO Ant1 5210



11AX80MIMO Ant2 5210



11AX80MIMO Ant1 5290



11AX80MIMO Ant2 5290



11AX80MIMO Ant1 5530



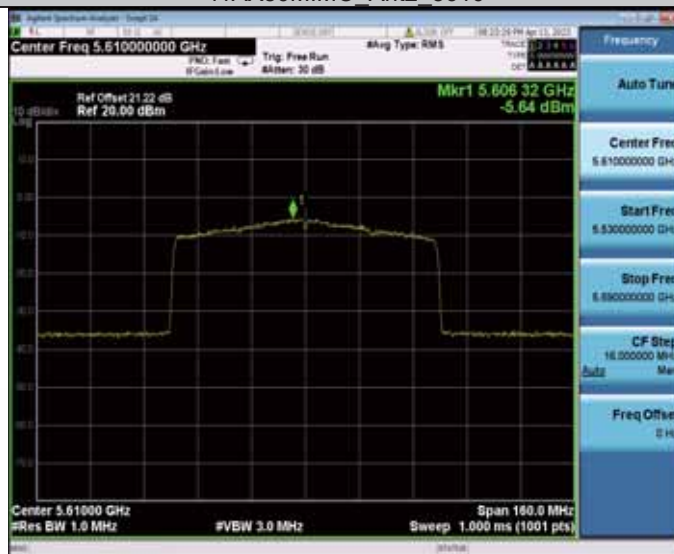
11AX80MIMO Ant2 5530



11AX80MIMO Ant1 5610



11AX80MIMO Ant2 5610



11AX80MIMO Ant1 5775



11AX80MIMO Ant2 5775



# BL-M8832AU1

| TestMode  | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|-----------|---------|----------------|------------------|----------------|---------|
| 11A       | Ant1    | 5180           | -0.31            | ≤11.00         | PASS    |
|           | Ant2    | 5180           | 0.24             | ≤11.00         | PASS    |
|           | Ant1    | 5200           | -0.7             | ≤11.00         | PASS    |
|           | Ant2    | 5200           | 0.41             | ≤11.00         | PASS    |
|           | Ant1    | 5240           | -0.19            | ≤11.00         | PASS    |
|           | Ant2    | 5240           | -0.78            | ≤11.00         | PASS    |
|           | Ant1    | 5260           | 0.06             | ≤11.00         | PASS    |
|           | Ant2    | 5260           | 0.46             | ≤11.00         | PASS    |
|           | Ant1    | 5280           | 0.88             | ≤11.00         | PASS    |
|           | Ant2    | 5280           | 0.26             | ≤11.00         | PASS    |
|           | Ant1    | 5320           | -0.17            | ≤11.00         | PASS    |
|           | Ant2    | 5320           | -0.25            | ≤11.00         | PASS    |
|           | Ant1    | 5500           | -0.1             | ≤11.00         | PASS    |
|           | Ant2    | 5500           | -0.07            | ≤11.00         | PASS    |
|           | Ant1    | 5580           | 0.96             | ≤11.00         | PASS    |
|           | Ant2    | 5580           | 0.65             | ≤11.00         | PASS    |
|           | Ant1    | 5700           | 0.85             | ≤11.00         | PASS    |
|           | Ant2    | 5700           | 1.31             | ≤11.00         | PASS    |
|           | Ant1    | 5745           | -2.41            | ≤30.00         | PASS    |
|           | Ant2    | 5745           | -2.06            | ≤30.00         | PASS    |
|           | Ant1    | 5785           | -1.56            | ≤30.00         | PASS    |
|           | Ant2    | 5785           | -1.44            | ≤30.00         | PASS    |
|           | Ant1    | 5825           | -2.44            | ≤30.00         | PASS    |
|           | Ant2    | 5825           | -1.89            | ≤30.00         | PASS    |
| 11N20MIMO | Ant1    | 5180           | -1.56            | ≤11.00         | PASS    |
|           | Ant2    | 5180           | -0.27            | ≤11.00         | PASS    |
|           | total   | 5180           | 2.14             | ≤11.00         | PASS    |
|           | Ant1    | 5200           | -1.48            | ≤11.00         | PASS    |
|           | Ant2    | 5200           | -0.86            | ≤11.00         | PASS    |
|           | total   | 5200           | 1.85             | ≤11.00         | PASS    |
|           | Ant1    | 5240           | -1.12            | ≤11.00         | PASS    |
|           | Ant2    | 5240           | -1.07            | ≤11.00         | PASS    |
|           | total   | 5240           | 1.92             | ≤11.00         | PASS    |
|           | Ant1    | 5260           | -0.64            | ≤11.00         | PASS    |
|           | Ant2    | 5260           | -0.57            | ≤11.00         | PASS    |
|           | total   | 5260           | 2.41             | ≤11.00         | PASS    |
|           | Ant1    | 5280           | -0.26            | ≤11.00         | PASS    |
|           | Ant2    | 5280           | -0.36            | ≤11.00         | PASS    |
|           | total   | 5280           | 2.70             | ≤11.00         | PASS    |
|           | Ant1    | 5320           | -1.3             | ≤11.00         | PASS    |
|           | Ant2    | 5320           | -1.03            | ≤11.00         | PASS    |
|           | total   | 5320           | 1.85             | ≤11.00         | PASS    |
|           | Ant1    | 5500           | -1.28            | ≤11.00         | PASS    |
|           | Ant2    | 5500           | 0.21             | ≤11.00         | PASS    |
|           | total   | 5500           | 2.54             | ≤11.00         | PASS    |
|           | Ant1    | 5580           | -0.16            | ≤11.00         | PASS    |
|           | Ant2    | 5580           | 0.46             | ≤11.00         | PASS    |
|           | total   | 5580           | 3.17             | ≤11.00         | PASS    |
|           | Ant1    | 5700           | -0.85            | ≤11.00         | PASS    |
|           | Ant2    | 5700           | 0.9              | ≤11.00         | PASS    |
|           | total   | 5700           | 3.12             | ≤11.00         | PASS    |
|           | Ant1    | 5745           | -3.15            | ≤30.00         | PASS    |

|            |       |      |       |        |      |
|------------|-------|------|-------|--------|------|
|            | Ant2  | 5745 | -2.37 | ≤30.00 | PASS |
|            | total | 5745 | 0.27  | ≤30.00 | PASS |
|            | Ant1  | 5785 | -2.5  | ≤30.00 | PASS |
|            | Ant2  | 5785 | -2.17 | ≤30.00 | PASS |
|            | total | 5785 | 0.68  | ≤30.00 | PASS |
|            | Ant1  | 5825 | -2.92 | ≤30.00 | PASS |
|            | Ant2  | 5825 | -2.63 | ≤30.00 | PASS |
|            | total | 5825 | 0.24  | ≤30.00 | PASS |
| 11N40MIMO  | Ant1  | 5190 | -4.41 | ≤11.00 | PASS |
|            | Ant2  | 5190 | -4    | ≤11.00 | PASS |
|            | total | 5190 | -1.19 | ≤11.00 | PASS |
|            | Ant1  | 5230 | -4.56 | ≤11.00 | PASS |
|            | Ant2  | 5230 | -4.09 | ≤11.00 | PASS |
|            | total | 5230 | -1.31 | ≤11.00 | PASS |
|            | Ant1  | 5270 | -3.51 | ≤11.00 | PASS |
|            | Ant2  | 5270 | -3.5  | ≤11.00 | PASS |
|            | total | 5270 | -0.49 | ≤11.00 | PASS |
|            | Ant1  | 5310 | -4.17 | ≤11.00 | PASS |
|            | Ant2  | 5310 | -4.12 | ≤11.00 | PASS |
|            | total | 5310 | -1.13 | ≤11.00 | PASS |
|            | Ant1  | 5510 | -3.95 | ≤11.00 | PASS |
|            | Ant2  | 5510 | -3.13 | ≤11.00 | PASS |
|            | total | 5510 | -0.51 | ≤11.00 | PASS |
|            | Ant1  | 5550 | -3.15 | ≤11.00 | PASS |
|            | Ant2  | 5550 | -2.92 | ≤11.00 | PASS |
|            | total | 5550 | -0.02 | ≤11.00 | PASS |
|            | Ant1  | 5670 | -2.7  | ≤11.00 | PASS |
|            | Ant2  | 5670 | -2.31 | ≤11.00 | PASS |
|            | total | 5670 | 0.51  | ≤11.00 | PASS |
|            | Ant1  | 5755 | -5.78 | ≤30.00 | PASS |
|            | Ant2  | 5755 | -5.62 | ≤30.00 | PASS |
|            | total | 5755 | -2.69 | ≤30.00 | PASS |
|            | Ant1  | 5795 | -5.07 | ≤30.00 | PASS |
|            | Ant2  | 5795 | -5.73 | ≤30.00 | PASS |
|            | total | 5795 | -2.38 | ≤30.00 | PASS |
| 11AC20MIMO | Ant1  | 5180 | -1.81 | ≤11.00 | PASS |
|            | Ant2  | 5180 | -0.13 | ≤11.00 | PASS |
|            | total | 5180 | 2.12  | ≤11.00 | PASS |
|            | Ant1  | 5200 | -1.49 | ≤11.00 | PASS |
|            | Ant2  | 5200 | -0.46 | ≤11.00 | PASS |
|            | total | 5200 | 2.07  | ≤11.00 | PASS |
|            | Ant1  | 5240 | -0.91 | ≤11.00 | PASS |
|            | Ant2  | 5240 | -1.3  | ≤11.00 | PASS |
|            | total | 5240 | 1.91  | ≤11.00 | PASS |
|            | Ant1  | 5260 | -0.54 | ≤11.00 | PASS |
|            | Ant2  | 5260 | -0.74 | ≤11.00 | PASS |
|            | total | 5260 | 2.37  | ≤11.00 | PASS |
|            | Ant1  | 5280 | -0.46 | ≤11.00 | PASS |
|            | Ant2  | 5280 | -0.35 | ≤11.00 | PASS |
|            | total | 5280 | 2.61  | ≤11.00 | PASS |
|            | Ant1  | 5320 | -1.33 | ≤11.00 | PASS |
|            | Ant2  | 5320 | -0.92 | ≤11.00 | PASS |
|            | total | 5320 | 1.89  | ≤11.00 | PASS |
|            | Ant1  | 5500 | -1.25 | ≤11.00 | PASS |
|            | Ant2  | 5500 | 0.07  | ≤11.00 | PASS |

|            |       |      |       |        |      |
|------------|-------|------|-------|--------|------|
|            | total | 5500 | 2.47  | ≤11.00 | PASS |
|            | Ant1  | 5580 | 0.45  | ≤11.00 | PASS |
|            | Ant2  | 5580 | 0.99  | ≤11.00 | PASS |
|            | total | 5580 | 3.74  | ≤11.00 | PASS |
|            | Ant1  | 5700 | -0.82 | ≤11.00 | PASS |
|            | Ant2  | 5700 | 1.16  | ≤11.00 | PASS |
|            | total | 5700 | 3.29  | ≤11.00 | PASS |
|            | Ant1  | 5745 | -2.81 | ≤30.00 | PASS |
|            | Ant2  | 5745 | -2.61 | ≤30.00 | PASS |
|            | total | 5745 | 0.30  | ≤30.00 | PASS |
|            | Ant1  | 5785 | -2.4  | ≤30.00 | PASS |
|            | Ant2  | 5785 | -2.25 | ≤30.00 | PASS |
|            | total | 5785 | 0.69  | ≤30.00 | PASS |
|            | Ant1  | 5825 | -2.99 | ≤30.00 | PASS |
|            | Ant2  | 5825 | -2.36 | ≤30.00 | PASS |
|            | total | 5825 | 0.35  | ≤30.00 | PASS |
| 11AC40MIMO | Ant1  | 5190 | -4.41 | ≤11.00 | PASS |
|            | Ant2  | 5190 | -4.11 | ≤11.00 | PASS |
|            | total | 5190 | -1.25 | ≤11.00 | PASS |
|            | Ant1  | 5230 | -3.74 | ≤11.00 | PASS |
|            | Ant2  | 5230 | -4.29 | ≤11.00 | PASS |
|            | total | 5230 | -1.00 | ≤11.00 | PASS |
|            | Ant1  | 5270 | -3.03 | ≤11.00 | PASS |
|            | Ant2  | 5270 | -3.75 | ≤11.00 | PASS |
|            | total | 5270 | -0.36 | ≤11.00 | PASS |
|            | Ant1  | 5310 | -4.1  | ≤11.00 | PASS |
|            | Ant2  | 5310 | -3.87 | ≤11.00 | PASS |
|            | total | 5310 | -0.97 | ≤11.00 | PASS |
|            | Ant1  | 5510 | -3.72 | ≤11.00 | PASS |
|            | Ant2  | 5510 | -3.1  | ≤11.00 | PASS |
|            | total | 5510 | -0.39 | ≤11.00 | PASS |
|            | Ant1  | 5550 | -3.34 | ≤11.00 | PASS |
|            | Ant2  | 5550 | -2.49 | ≤11.00 | PASS |
|            | total | 5550 | 0.12  | ≤11.00 | PASS |
|            | Ant1  | 5670 | -2.9  | ≤11.00 | PASS |
|            | Ant2  | 5670 | -2.41 | ≤11.00 | PASS |
|            | total | 5670 | 0.36  | ≤11.00 | PASS |
|            | Ant1  | 5755 | -5.95 | ≤30.00 | PASS |
|            | Ant2  | 5755 | -5.99 | ≤30.00 | PASS |
|            | total | 5755 | -2.96 | ≤30.00 | PASS |
|            | Ant1  | 5795 | -5.49 | ≤30.00 | PASS |
|            | Ant2  | 5795 | -5.21 | ≤30.00 | PASS |
|            | total | 5795 | -2.34 | ≤30.00 | PASS |
| 11AC80MIMO | Ant1  | 5210 | -6.73 | ≤11.00 | PASS |
|            | Ant2  | 5210 | -6.17 | ≤11.00 | PASS |
|            | total | 5210 | -3.43 | ≤11.00 | PASS |
|            | Ant1  | 5290 | -6.48 | ≤11.00 | PASS |
|            | Ant2  | 5290 | -6.82 | ≤11.00 | PASS |
|            | total | 5290 | -3.64 | ≤11.00 | PASS |
|            | Ant1  | 5530 | -6.58 | ≤11.00 | PASS |
|            | Ant2  | 5530 | -4.71 | ≤11.00 | PASS |
|            | total | 5530 | -2.53 | ≤11.00 | PASS |
|            | Ant1  | 5610 | -4.83 | ≤11.00 | PASS |
|            | Ant2  | 5610 | -6.27 | ≤11.00 | PASS |
|            | total | 5610 | -2.48 | ≤11.00 | PASS |

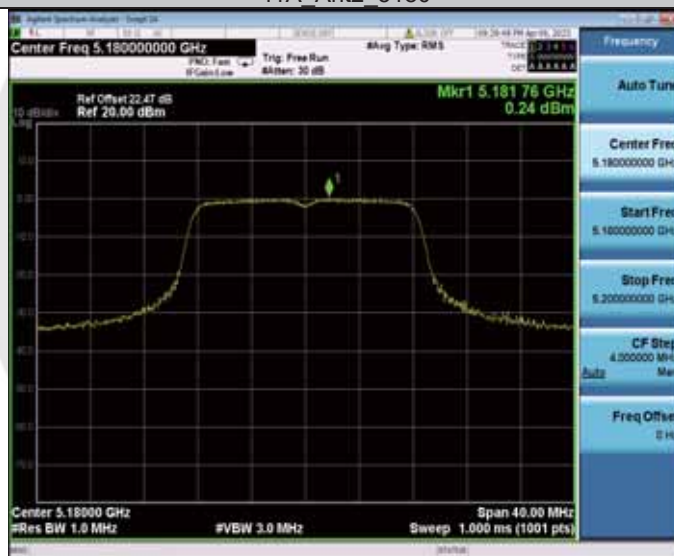
|            |       |      |       |        |      |
|------------|-------|------|-------|--------|------|
|            | Ant1  | 5775 | -8.4  | ≤30.00 | PASS |
|            | Ant2  | 5775 | -7.17 | ≤30.00 | PASS |
|            | total | 5775 | -4.73 | ≤30.00 | PASS |
| 11AX20MIMO | Ant1  | 5180 | -1.78 | ≤11.00 | PASS |
|            | Ant2  | 5180 | -0.75 | ≤11.00 | PASS |
|            | total | 5180 | 1.78  | ≤11.00 | PASS |
|            | Ant1  | 5200 | -1.89 | ≤11.00 | PASS |
|            | Ant2  | 5200 | -0.62 | ≤11.00 | PASS |
|            | total | 5200 | 1.80  | ≤11.00 | PASS |
|            | Ant1  | 5240 | -1.15 | ≤11.00 | PASS |
|            | Ant2  | 5240 | -0.98 | ≤11.00 | PASS |
|            | total | 5240 | 1.95  | ≤11.00 | PASS |
|            | Ant1  | 5260 | -0.46 | ≤11.00 | PASS |
|            | Ant2  | 5260 | -0.33 | ≤11.00 | PASS |
|            | total | 5260 | 2.62  | ≤11.00 | PASS |
|            | Ant1  | 5280 | -0.51 | ≤11.00 | PASS |
|            | Ant2  | 5280 | -0.7  | ≤11.00 | PASS |
|            | total | 5280 | 2.41  | ≤11.00 | PASS |
|            | Ant1  | 5320 | -1.38 | ≤11.00 | PASS |
|            | Ant2  | 5320 | -0.92 | ≤11.00 | PASS |
|            | total | 5320 | 1.87  | ≤11.00 | PASS |
|            | Ant1  | 5500 | -1.07 | ≤11.00 | PASS |
|            | Ant2  | 5500 | -0.4  | ≤11.00 | PASS |
|            | total | 5500 | 2.29  | ≤11.00 | PASS |
|            | Ant1  | 5580 | -0.28 | ≤11.00 | PASS |
|            | Ant2  | 5580 | 0.85  | ≤11.00 | PASS |
|            | total | 5580 | 3.33  | ≤11.00 | PASS |
|            | Ant1  | 5700 | -0.6  | ≤11.00 | PASS |
|            | Ant2  | 5700 | 0.4   | ≤11.00 | PASS |
|            | total | 5700 | 2.94  | ≤11.00 | PASS |
|            | Ant1  | 5745 | -2.84 | ≤30.00 | PASS |
|            | Ant2  | 5745 | -2.65 | ≤30.00 | PASS |
|            | total | 5745 | 0.27  | ≤30.00 | PASS |
|            | Ant1  | 5785 | -3.01 | ≤30.00 | PASS |
|            | Ant2  | 5785 | -1.97 | ≤30.00 | PASS |
|            | total | 5785 | 0.55  | ≤30.00 | PASS |
|            | Ant1  | 5825 | -3.43 | ≤30.00 | PASS |
|            | Ant2  | 5825 | -2.86 | ≤30.00 | PASS |
|            | total | 5825 | -0.13 | ≤30.00 | PASS |
| 11AX40MIMO | Ant1  | 5190 | -4.3  | ≤11.00 | PASS |
|            | Ant2  | 5190 | -3.51 | ≤11.00 | PASS |
|            | total | 5190 | -0.88 | ≤11.00 | PASS |
|            | Ant1  | 5230 | -3.96 | ≤11.00 | PASS |
|            | Ant2  | 5230 | -4.83 | ≤11.00 | PASS |
|            | total | 5230 | -1.36 | ≤11.00 | PASS |
|            | Ant1  | 5270 | -3.66 | ≤11.00 | PASS |
|            | Ant2  | 5270 | -3.28 | ≤11.00 | PASS |
|            | total | 5270 | -0.46 | ≤11.00 | PASS |
|            | Ant1  | 5310 | -4.2  | ≤11.00 | PASS |
|            | Ant2  | 5310 | -3.89 | ≤11.00 | PASS |
|            | total | 5310 | -1.03 | ≤11.00 | PASS |
|            | Ant1  | 5510 | -3.82 | ≤11.00 | PASS |
|            | Ant2  | 5510 | -2.89 | ≤11.00 | PASS |
|            | total | 5510 | -0.32 | ≤11.00 | PASS |
|            | Ant1  | 5550 | -3.42 | ≤11.00 | PASS |

|            |       |      |       |        |      |
|------------|-------|------|-------|--------|------|
|            | Ant2  | 5550 | -2.51 | ≤11.00 | PASS |
|            | total | 5550 | 0.07  | ≤11.00 | PASS |
|            | Ant1  | 5670 | -3.26 | ≤11.00 | PASS |
|            | Ant2  | 5670 | -2.36 | ≤11.00 | PASS |
|            | total | 5670 | 0.22  | ≤11.00 | PASS |
|            | Ant1  | 5755 | -5.57 | ≤30.00 | PASS |
|            | Ant2  | 5755 | -5.59 | ≤30.00 | PASS |
|            | total | 5755 | -2.57 | ≤30.00 | PASS |
|            | Ant1  | 5795 | -5.23 | ≤30.00 | PASS |
|            | Ant2  | 5795 | -5.08 | ≤30.00 | PASS |
|            | total | 5795 | -2.14 | ≤30.00 | PASS |
|            | Ant1  | 5210 | -6.46 | ≤11.00 | PASS |
| 11AX80MIMO | Ant2  | 5210 | -6.22 | ≤11.00 | PASS |
|            | total | 5210 | -3.33 | ≤11.00 | PASS |
|            | Ant1  | 5290 | -5.97 | ≤11.00 | PASS |
|            | Ant2  | 5290 | -6.64 | ≤11.00 | PASS |
|            | total | 5290 | -3.28 | ≤11.00 | PASS |
|            | Ant1  | 5530 | -6.02 | ≤11.00 | PASS |
|            | Ant2  | 5530 | -4.81 | ≤11.00 | PASS |
|            | total | 5530 | -2.36 | ≤11.00 | PASS |
|            | Ant1  | 5610 | -5.22 | ≤11.00 | PASS |
|            | Ant2  | 5610 | -4.85 | ≤11.00 | PASS |
|            | total | 5610 | -2.02 | ≤11.00 | PASS |
|            | Ant1  | 5775 | -7.52 | ≤30.00 | PASS |
|            | Ant2  | 5775 | -7.23 | ≤30.00 | PASS |
|            | total | 5775 | -4.36 | ≤30.00 | PASS |

11A\_Ant1\_5180



11A\_Ant2\_5180



11A\_Ant1\_5200



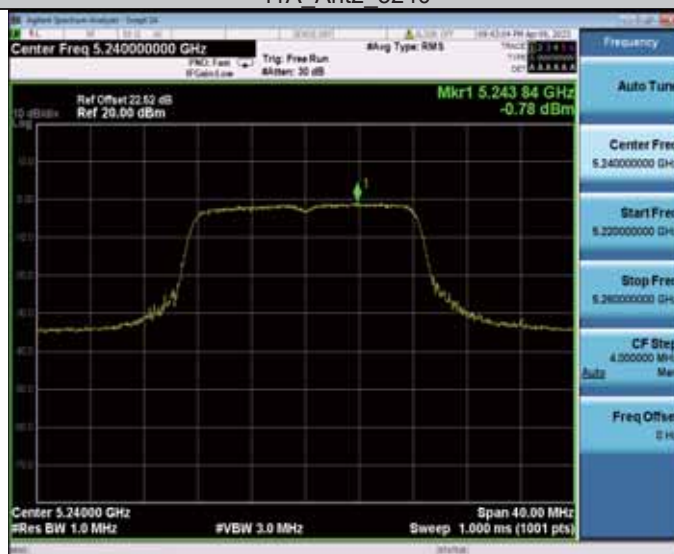
11A\_Ant2\_5200



11A\_Ant1\_5240



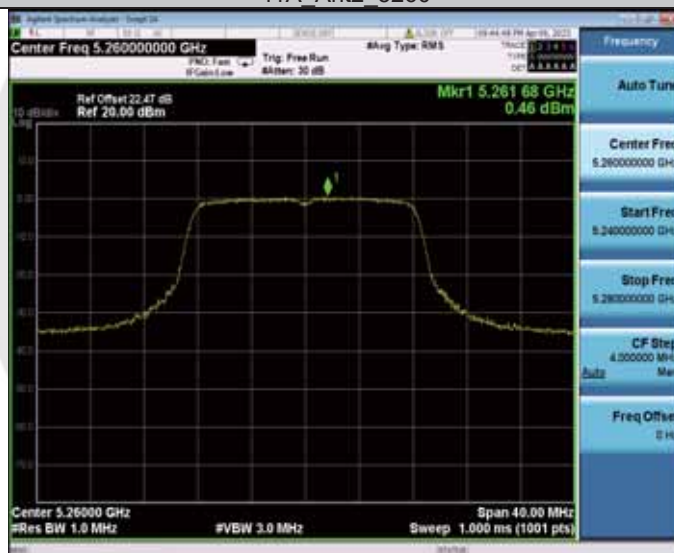
11A\_Ant2\_5240



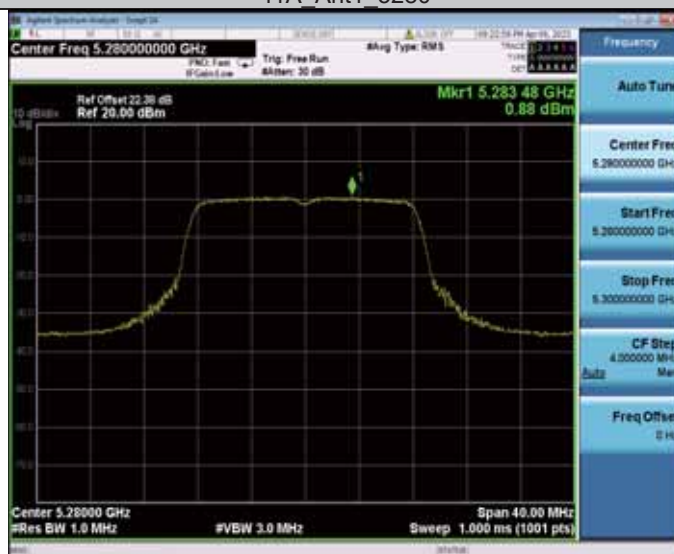
11A\_Ant1\_5260



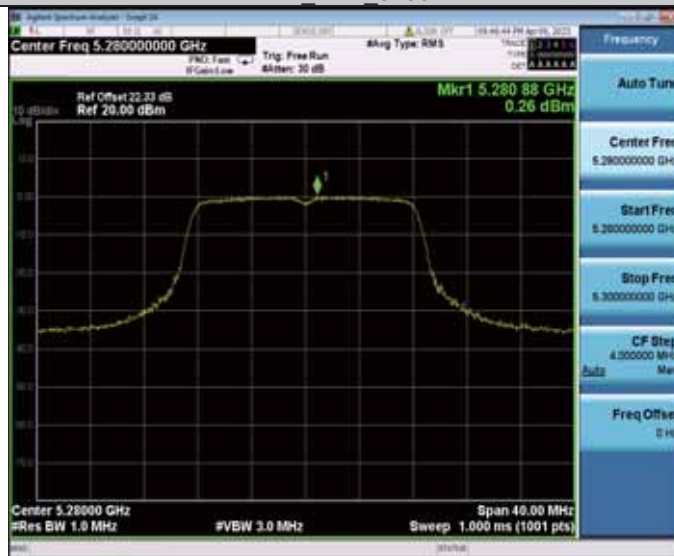
11A\_Ant2\_5260



11A\_Ant1\_5280



11A\_Ant2\_5280



11A\_Ant1\_5320



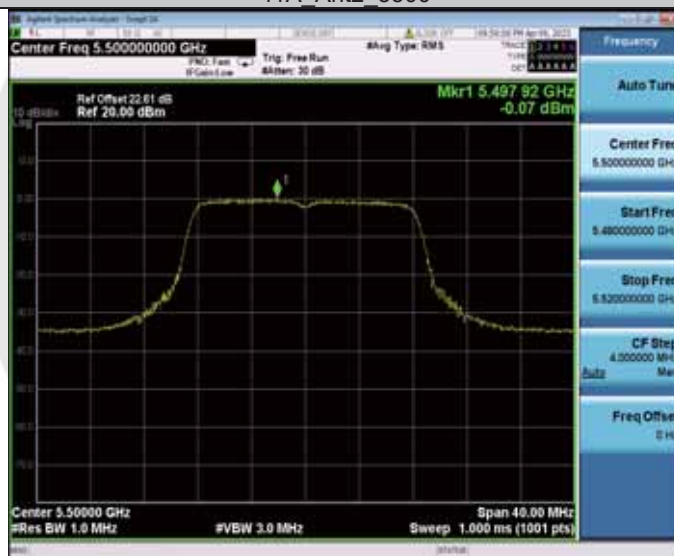
11A\_Ant2\_5320



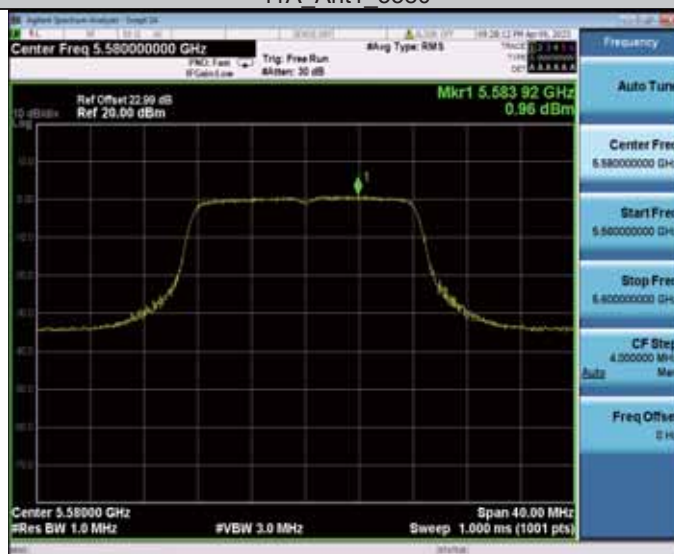
11A\_Ant1\_5500



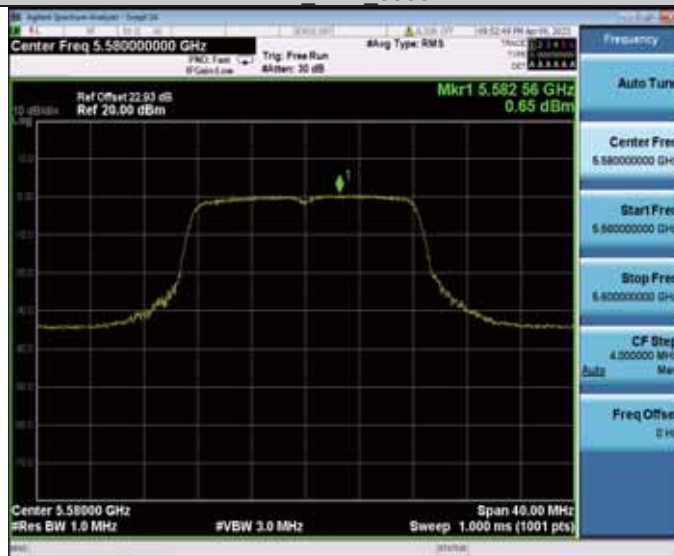
11A\_Ant2\_5500



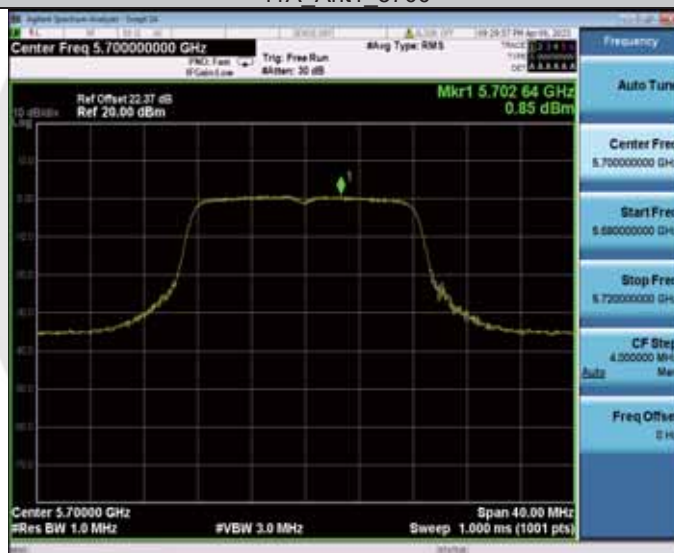
11A\_Ant1\_5580



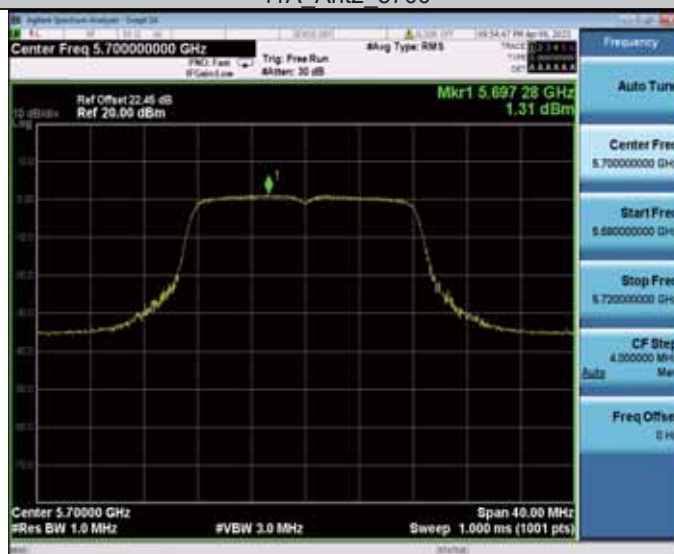
11A\_Ant2\_5580



11A\_Ant1\_5700



11A\_Ant2\_5700



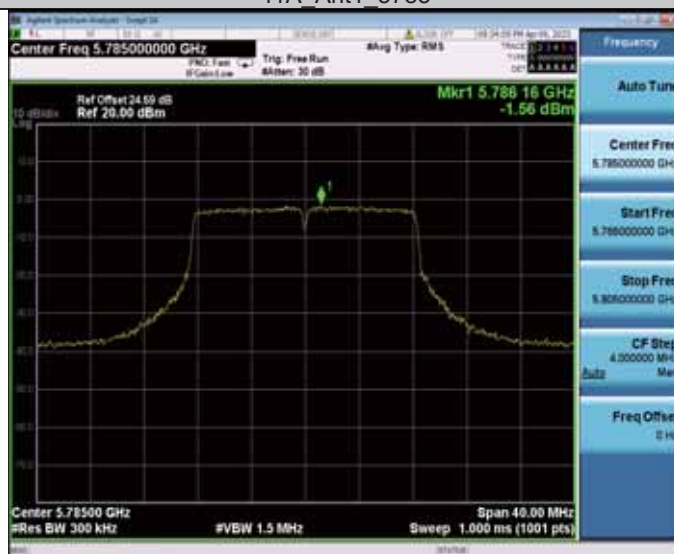
11A\_Ant1\_5745



11A\_Ant2\_5745



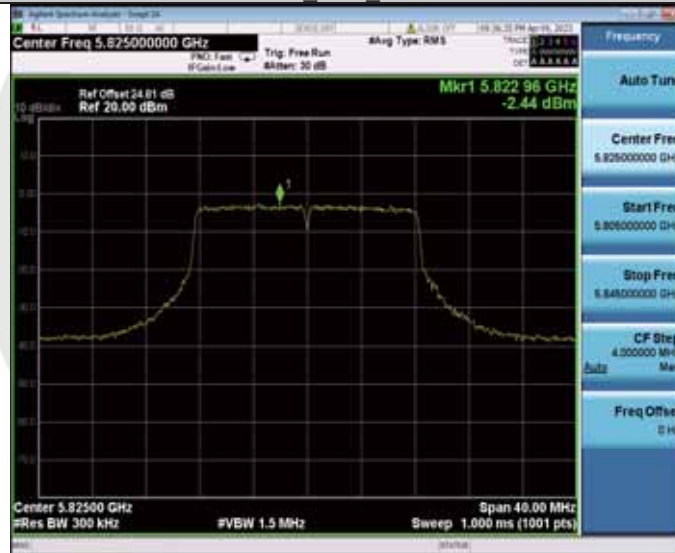
11A\_Ant1\_5785



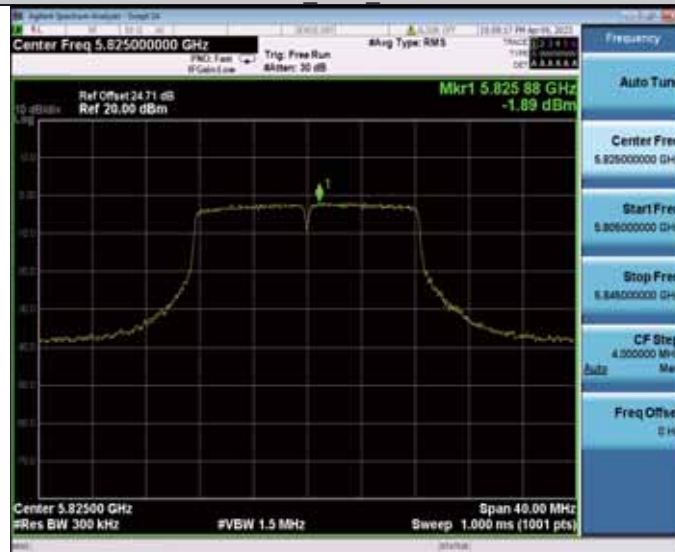
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11A\_Ant1\_5825



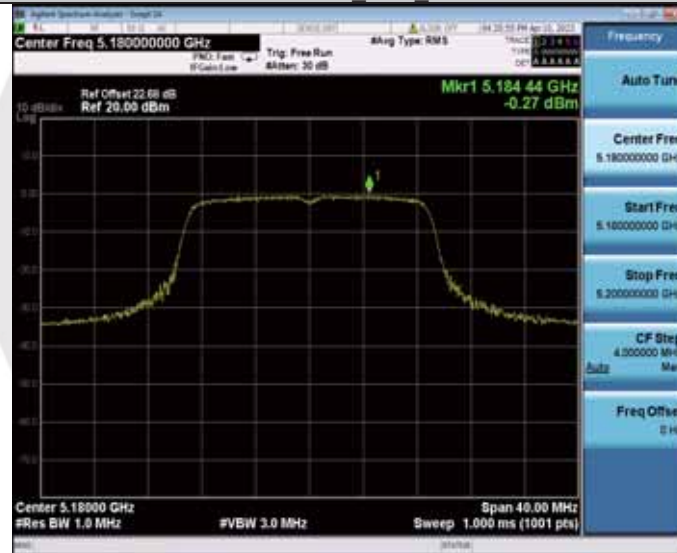
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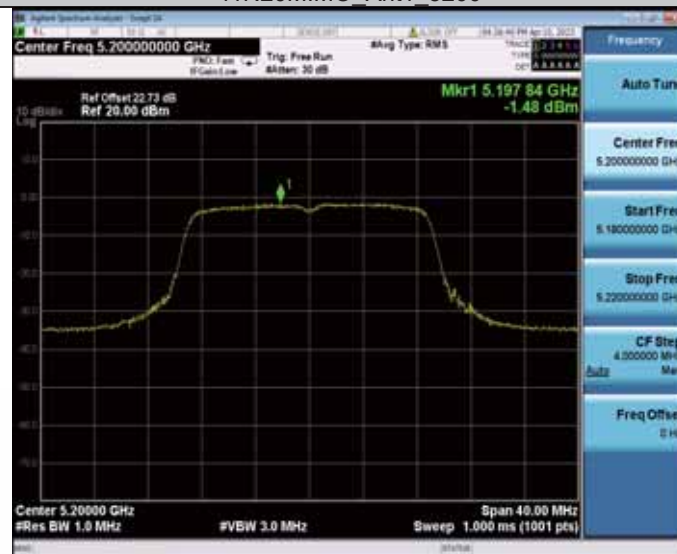
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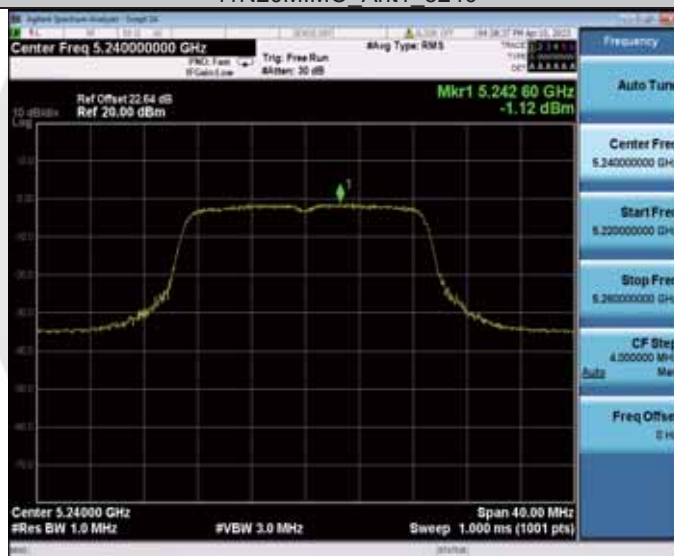
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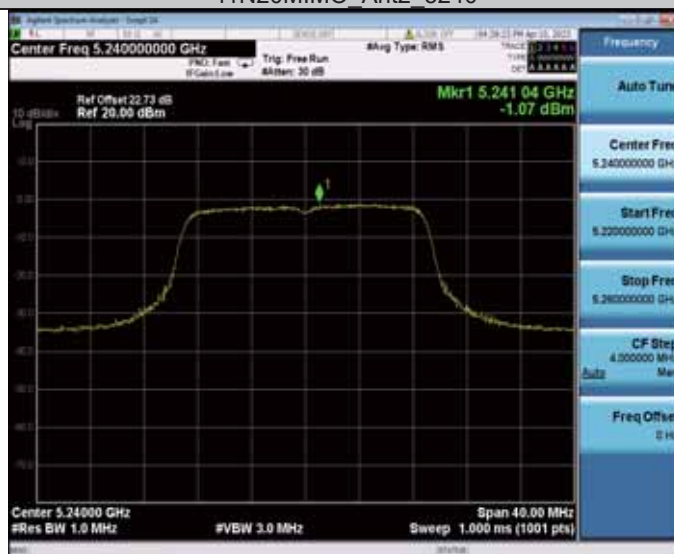
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11N20MIMO\_Ant2\_5240



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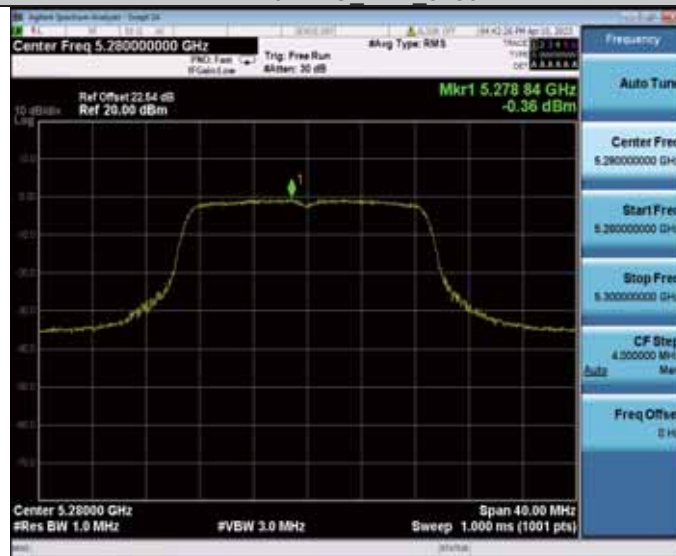
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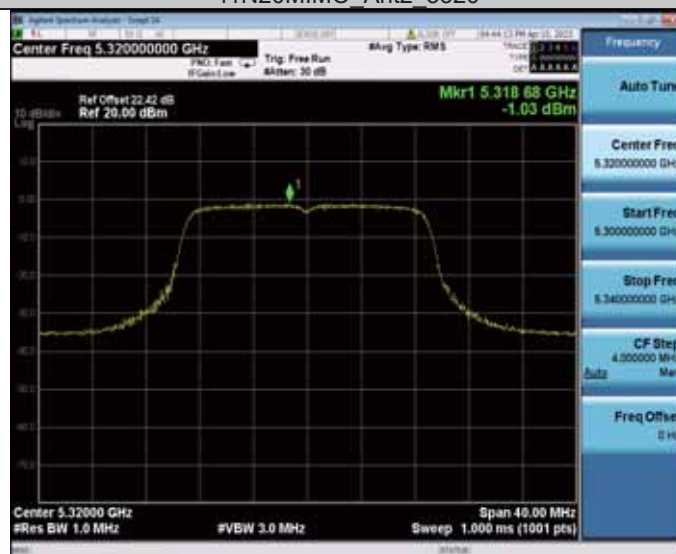
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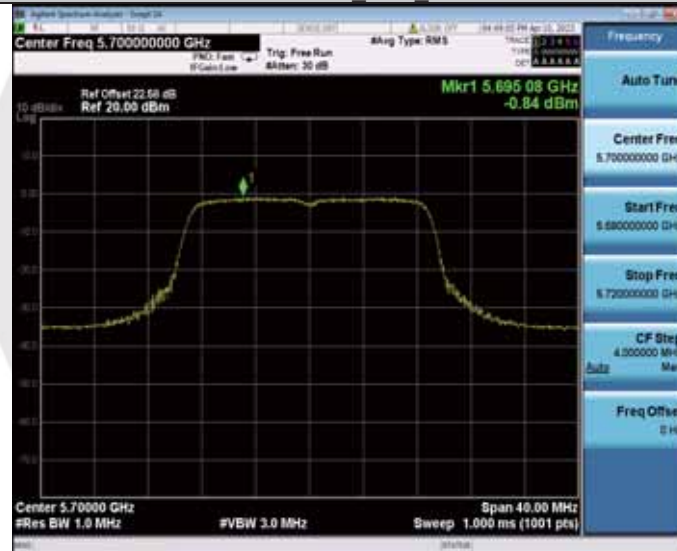
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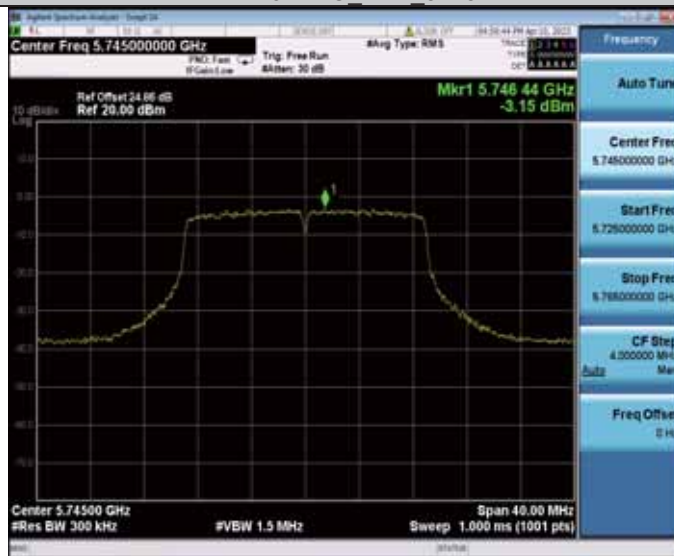
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11N20MIMO\_Ant2\_5700



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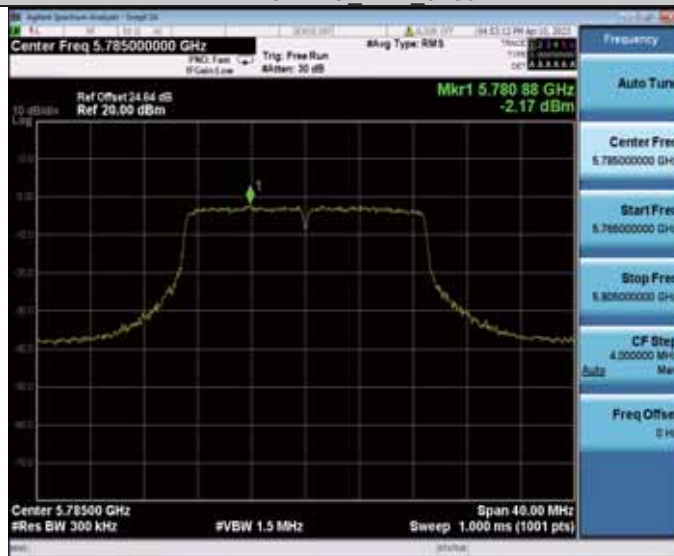
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11N20MIMO\_Ant2\_5785



11N20MIMO\_Ant1\_5825



11N20MIMO\_Ant2\_5825



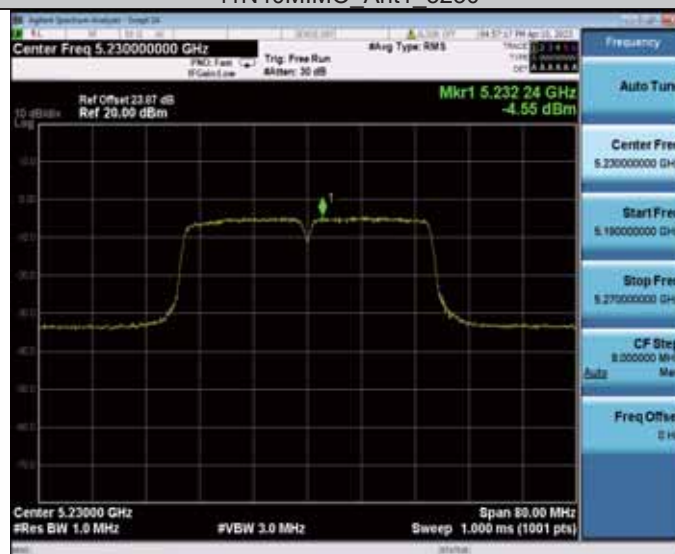
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11N40MIMO\_Ant2\_5190



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11N40MIMO\_Ant1\_5270



11N40MIMO\_Ant2\_5270



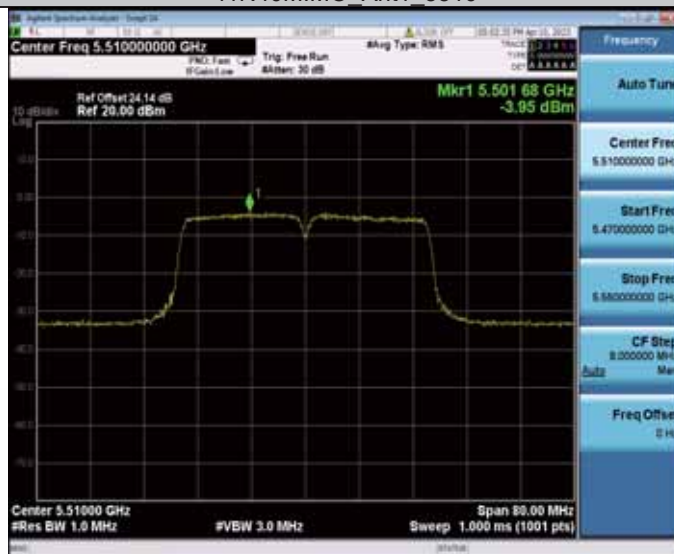
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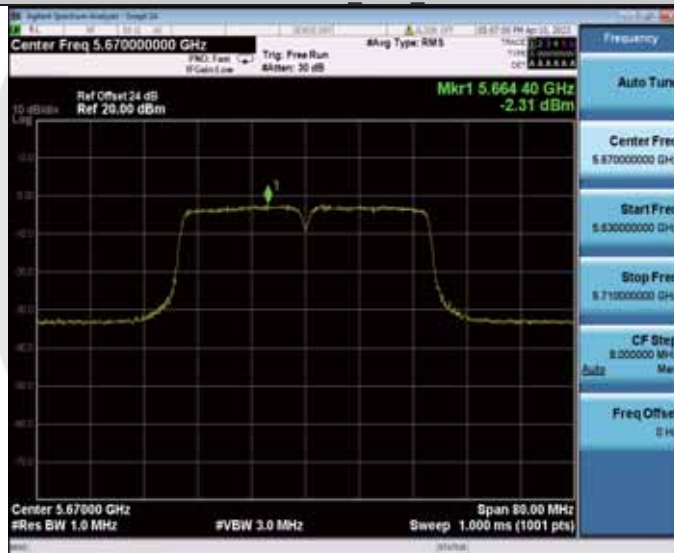
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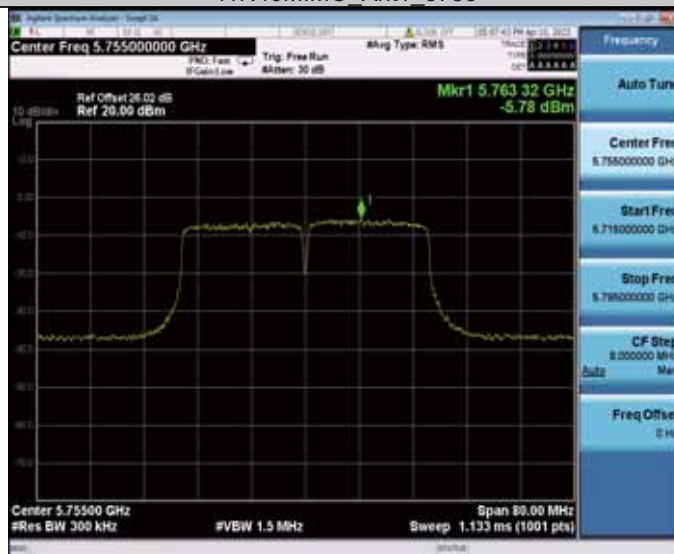
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11N40MIMO\_Ant2\_5670



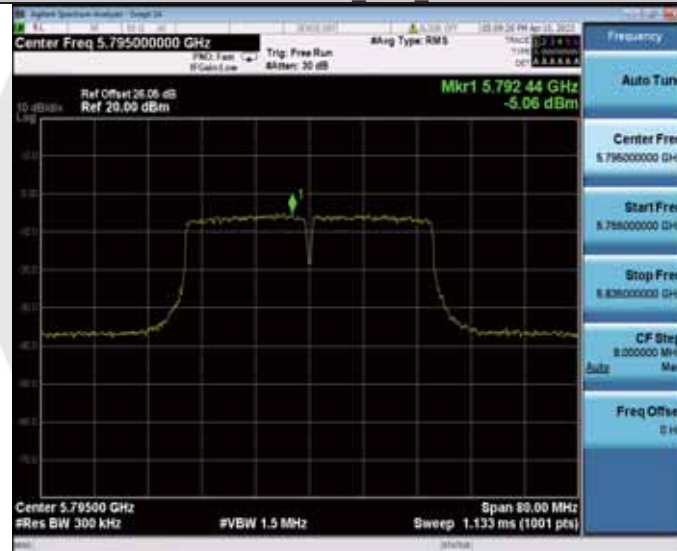
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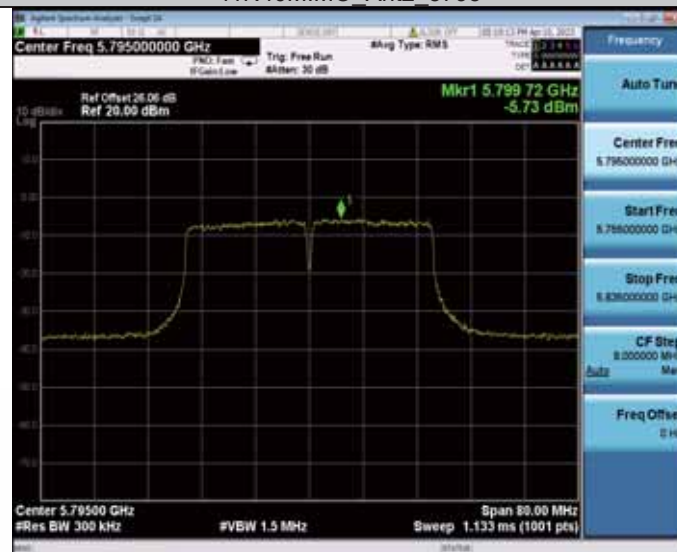
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11N40MIMO\_Ant1\_5795



11N40MIMO\_Ant2\_5795



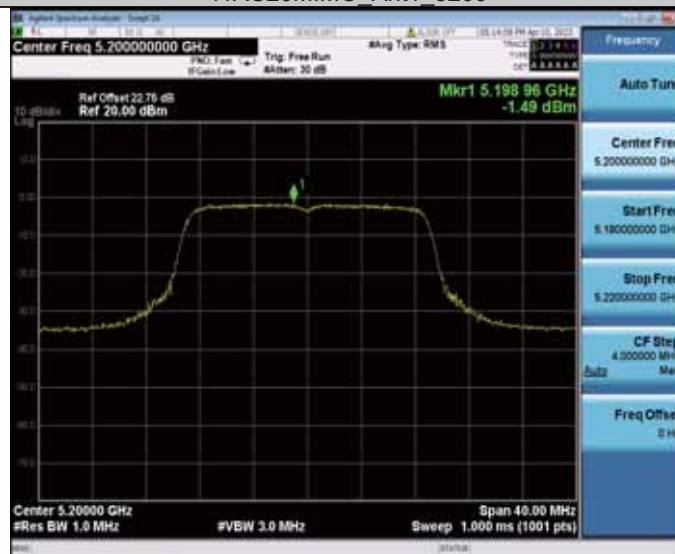
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11AC20MIMO\_Ant2\_5180



11AC20MIMO\_Ant1\_5200



11AC20MIMO\_Ant2\_5200



11AC20MIMO\_Ant1\_5240



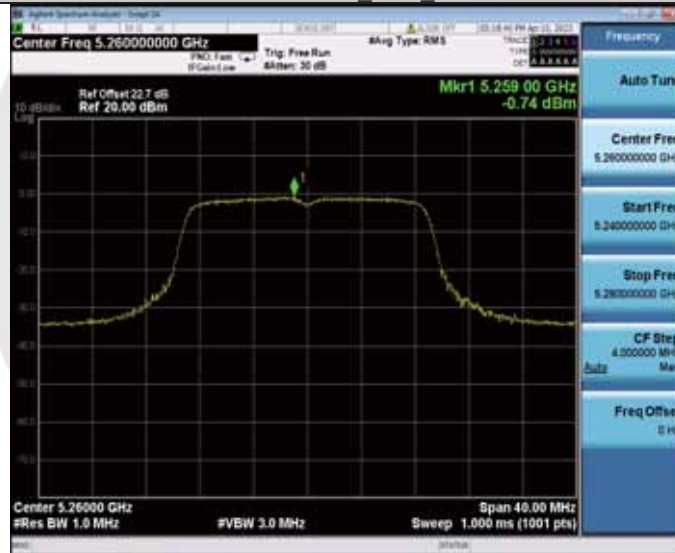
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11AC20MIMO\_Ant1\_5260



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11AC20MIMO\_Ant1\_5280



11AC20MIMO\_Ant2\_5280



11AC20MIMO\_Ant1\_5320



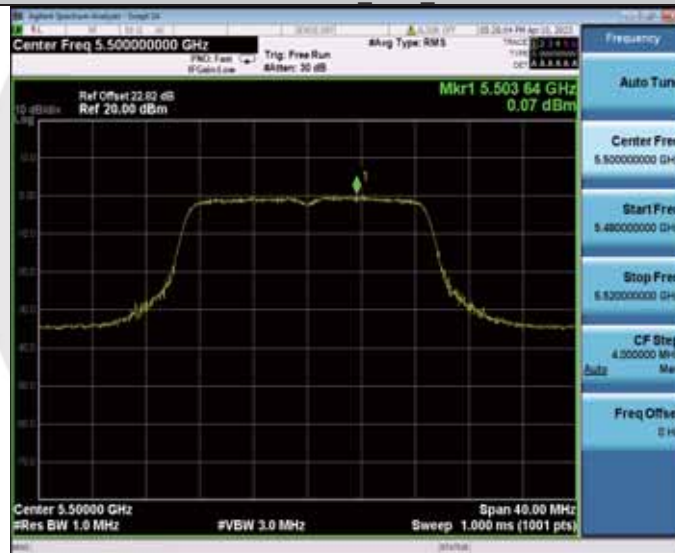
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11AC20MIMO\_Ant1\_5500



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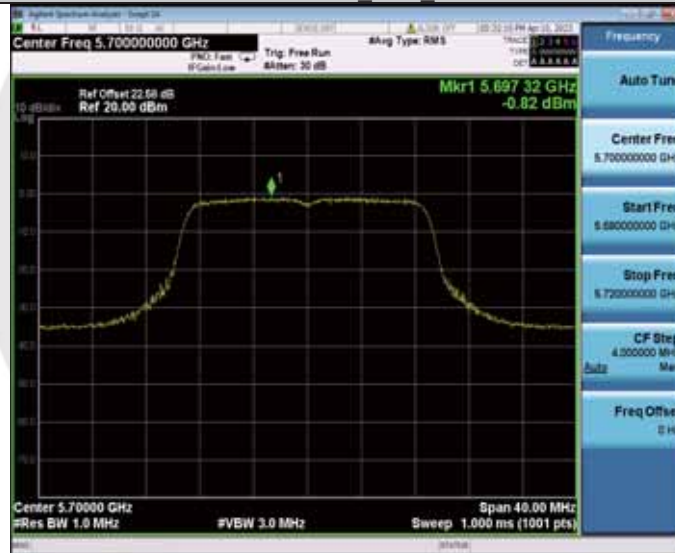
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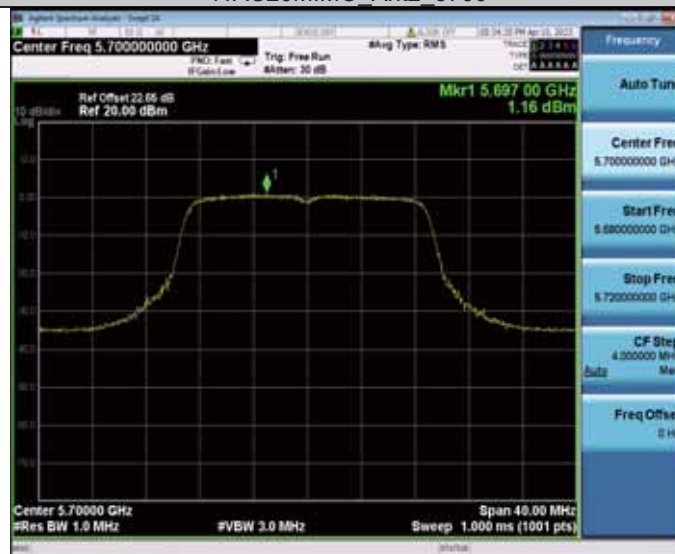
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11AC20MIMO\_Ant1\_5700



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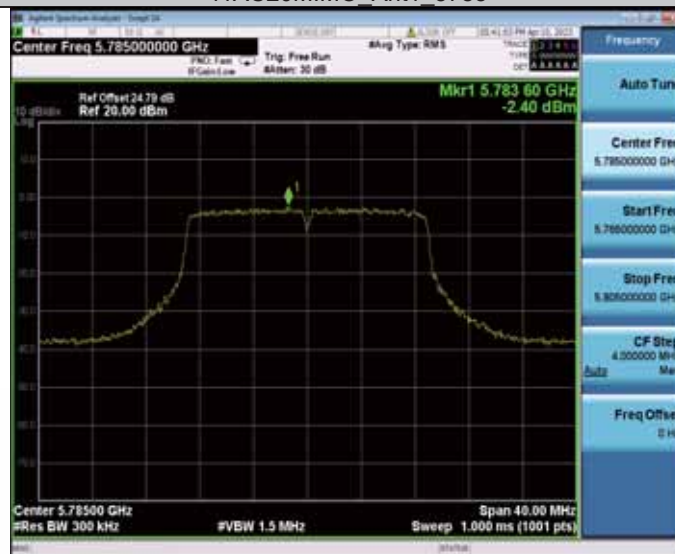
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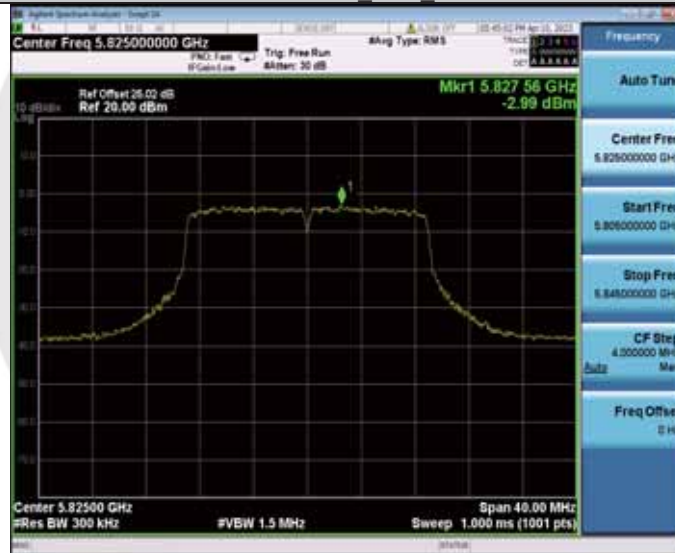
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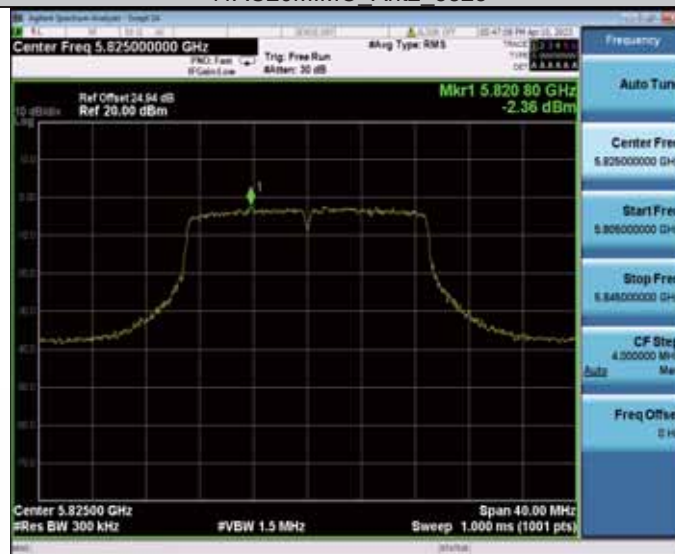
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11AC20MIMO\_Ant1\_5825



11AC20MIMO\_Ant2\_5825



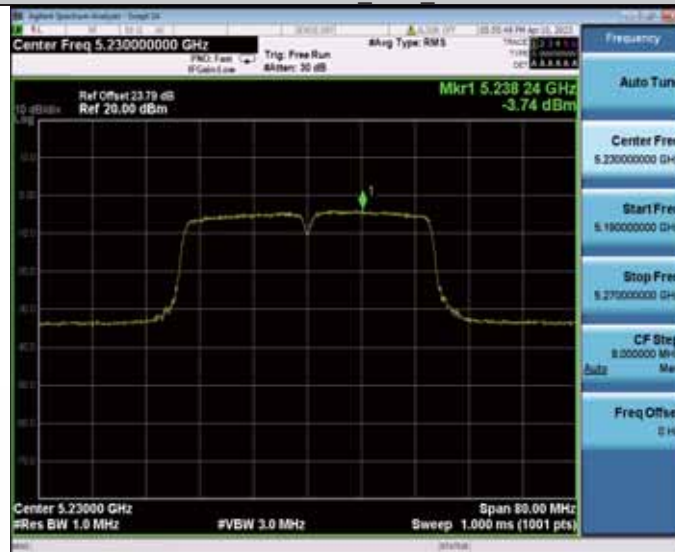
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11AC40MIMO\_Ant2\_5190



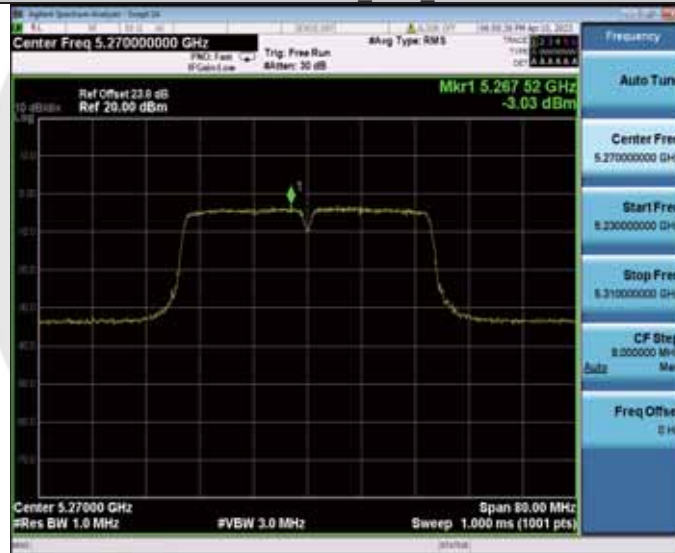
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11AC40MIMO\_Ant2\_5230



11AC40MIMO\_Ant1\_5270



11AC40MIMO\_Ant2\_5270



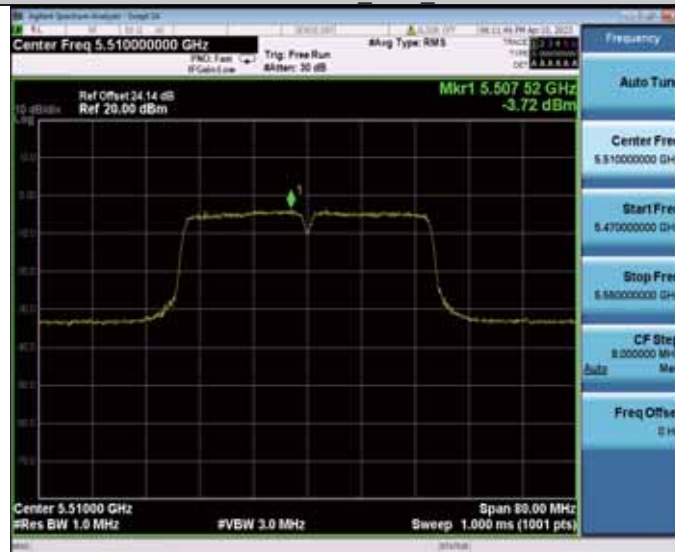
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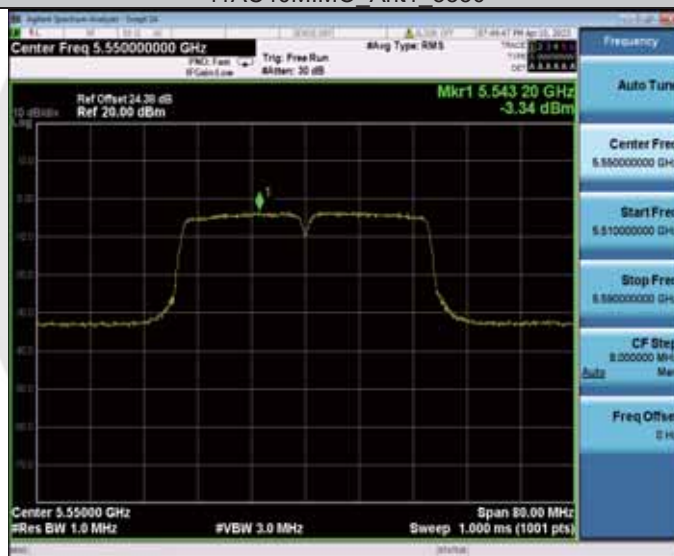
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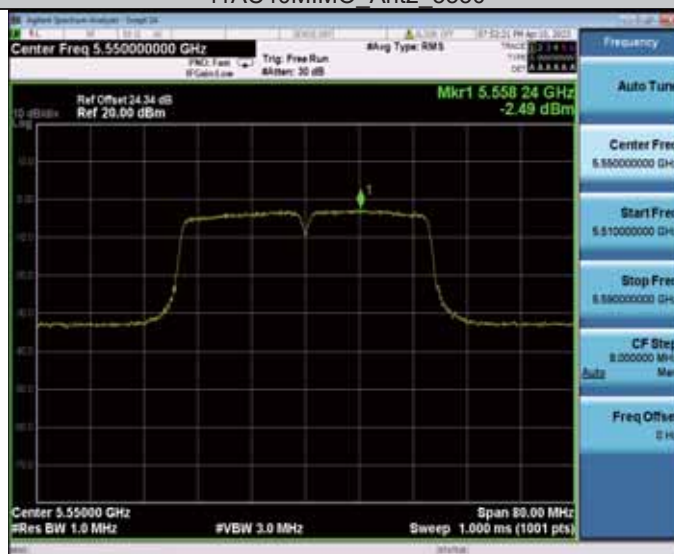
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11AC40MIMO\_Ant1\_5550



11AC40MIMO\_Ant2\_5550



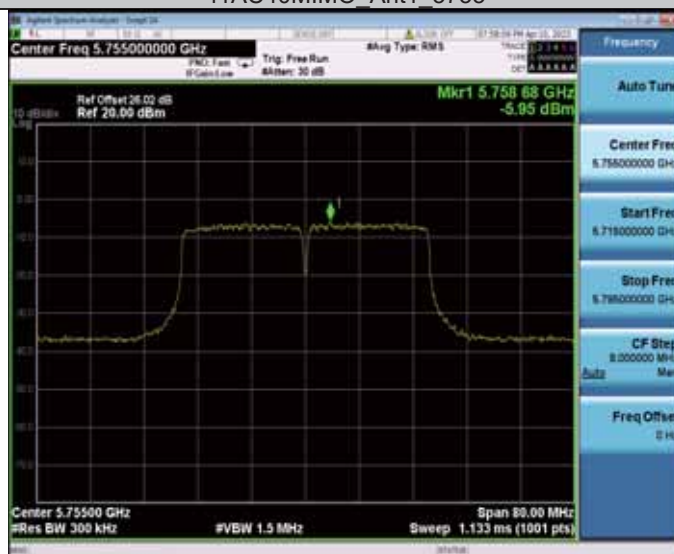
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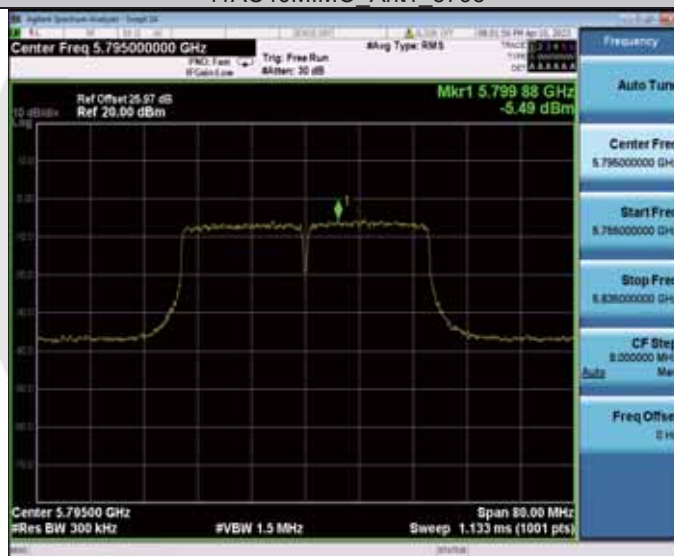
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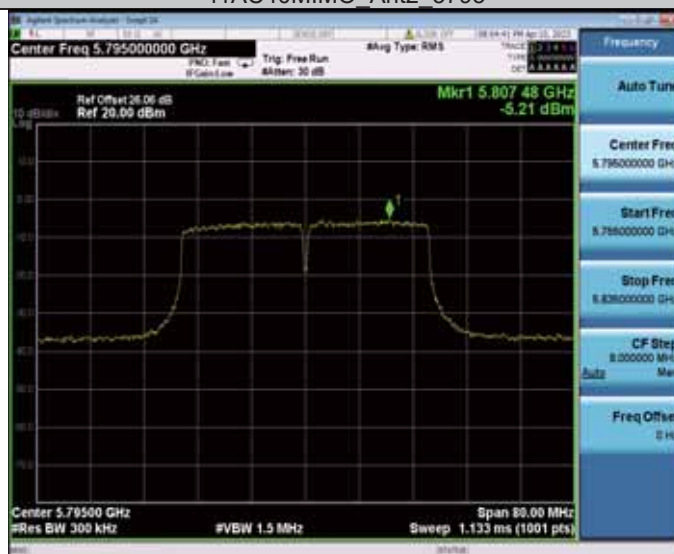
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11AC40MIMO\_Ant1\_5795



11AC40MIMO\_Ant2\_5795



11AC80MIMO\_Ant1\_5210



11AC80MIMO\_Ant2\_5210



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11AC80MIMO\_Ant2\_5290



11AC80MIMO\_Ant1\_5530



11AC80MIMO\_Ant2\_5530



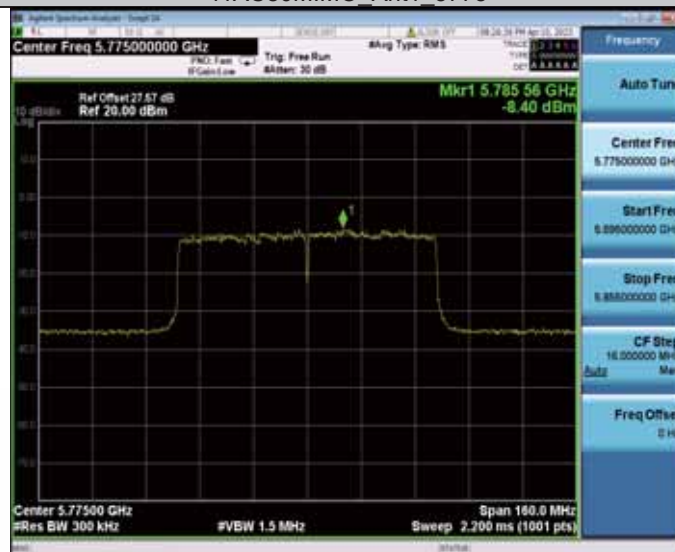
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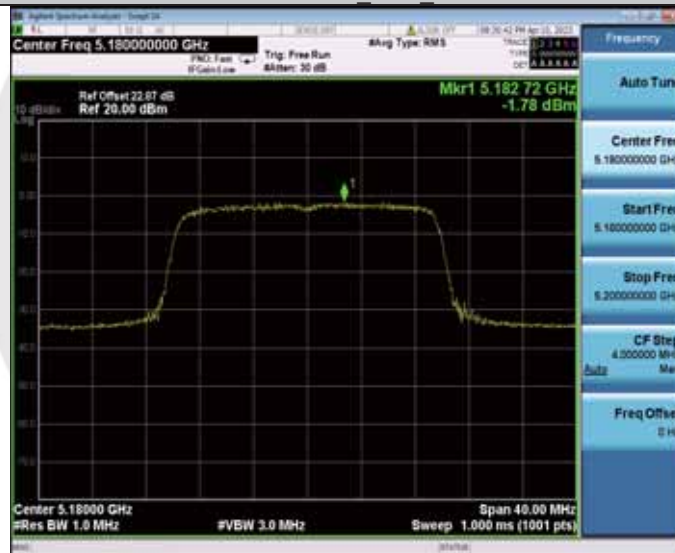
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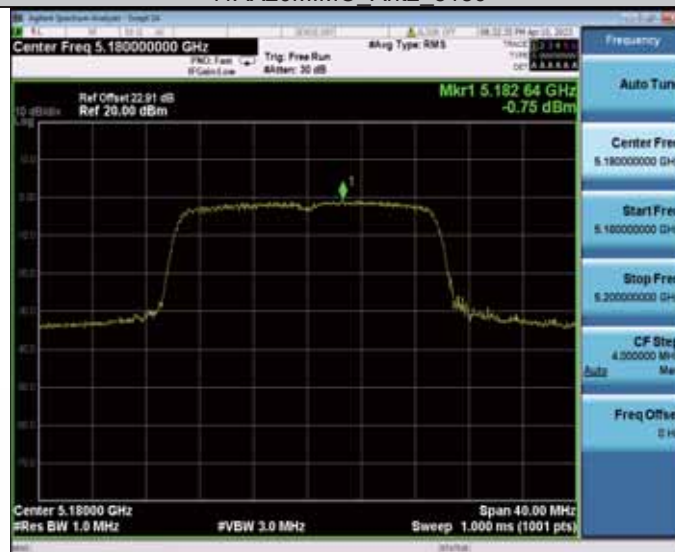
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11AX20MIMO\_Ant1\_5180



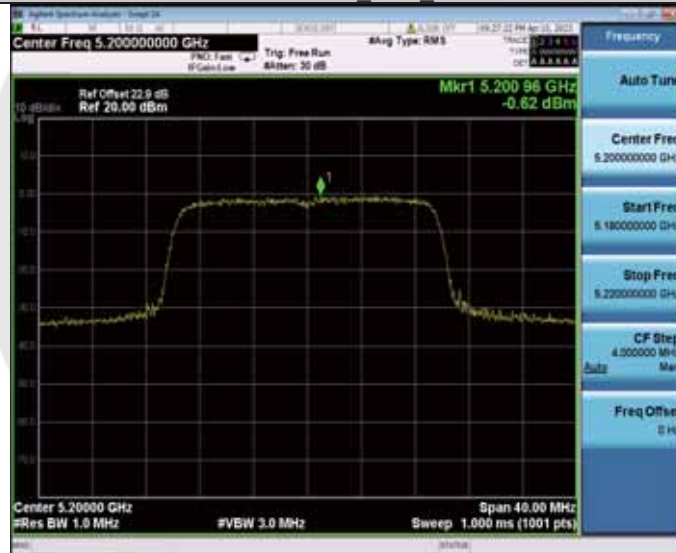
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11AX20MIMO Ant1 5200



11AX20MIMO Ant2 5200



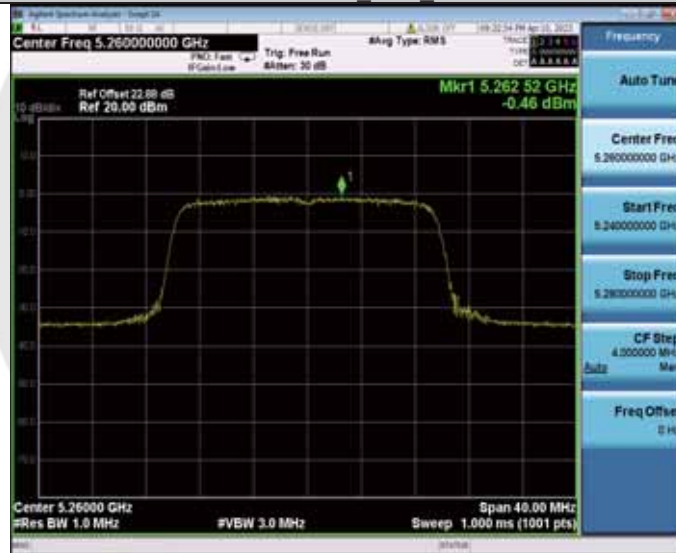
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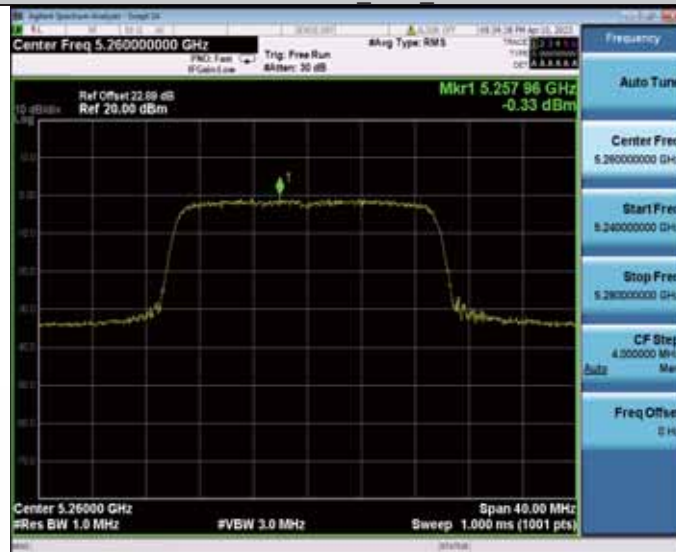
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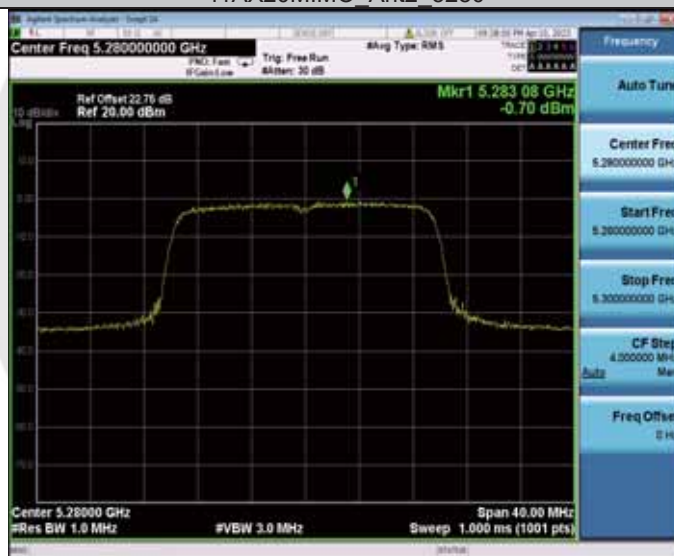
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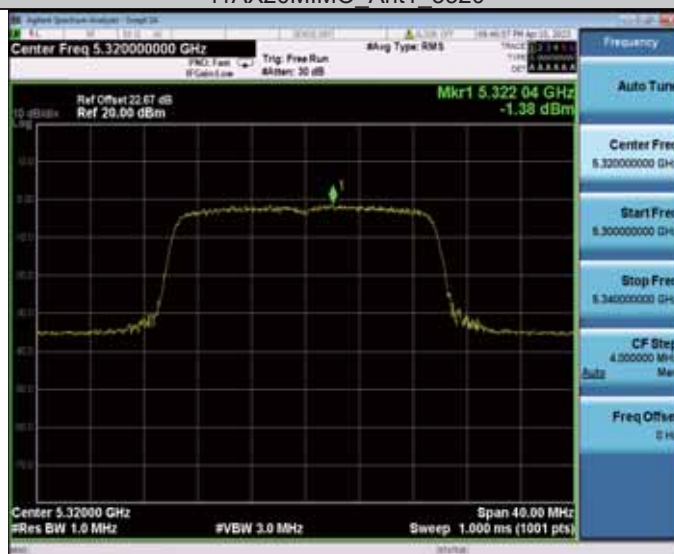
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11AX20MIMO Ant2 5280



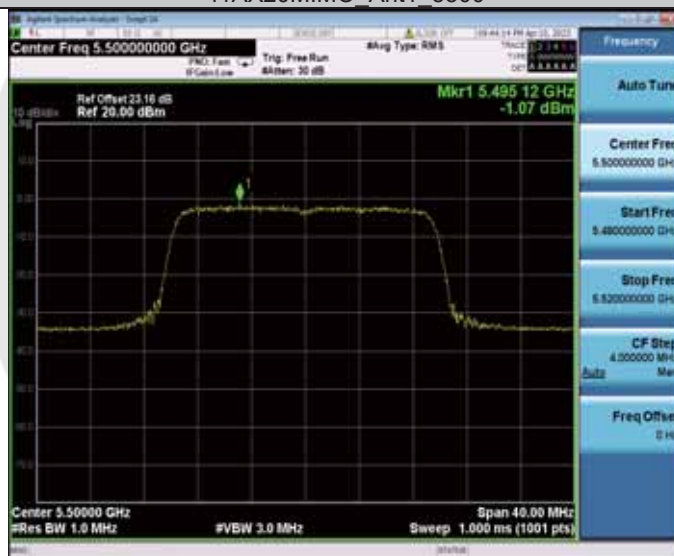
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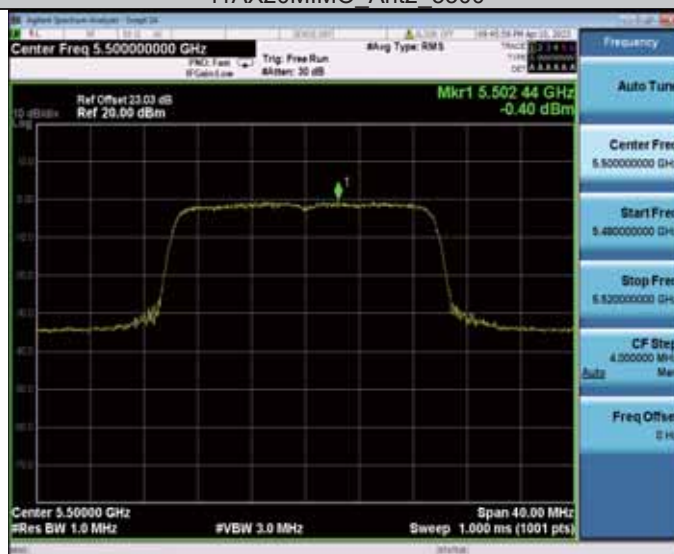
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11AX20MIMO Ant1 5500



11AX20MIMO Ant2 5500



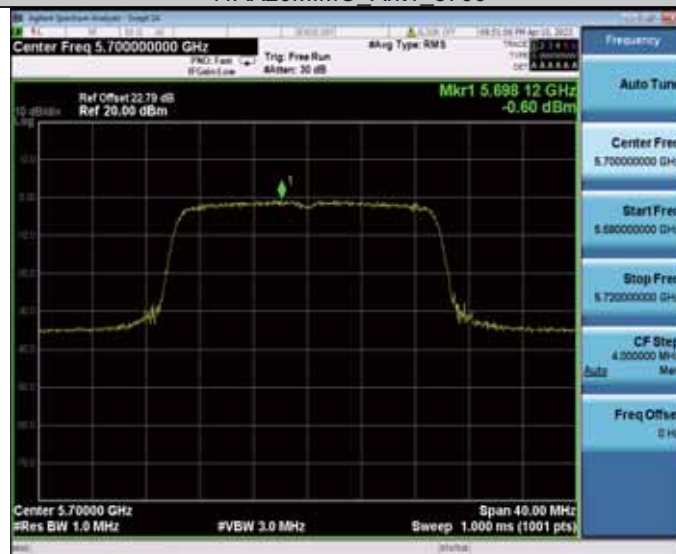
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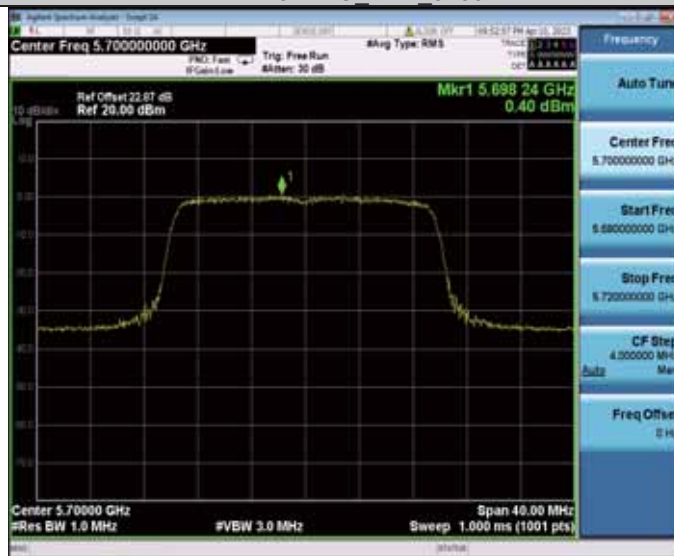
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11AX20MIMO Ant1 5700



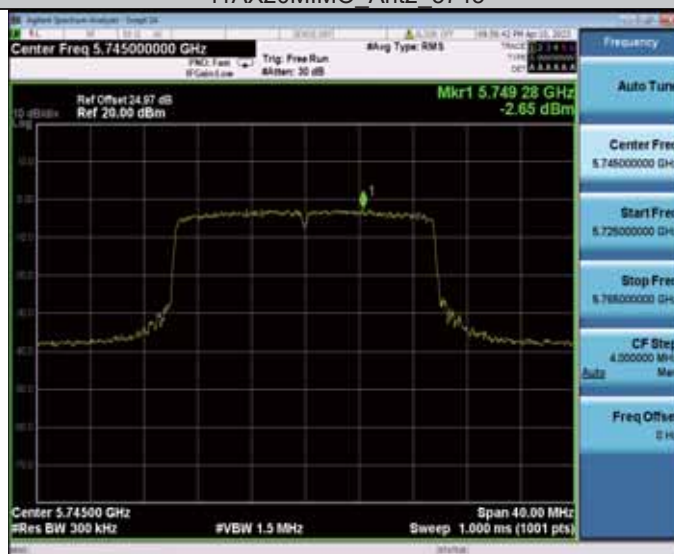
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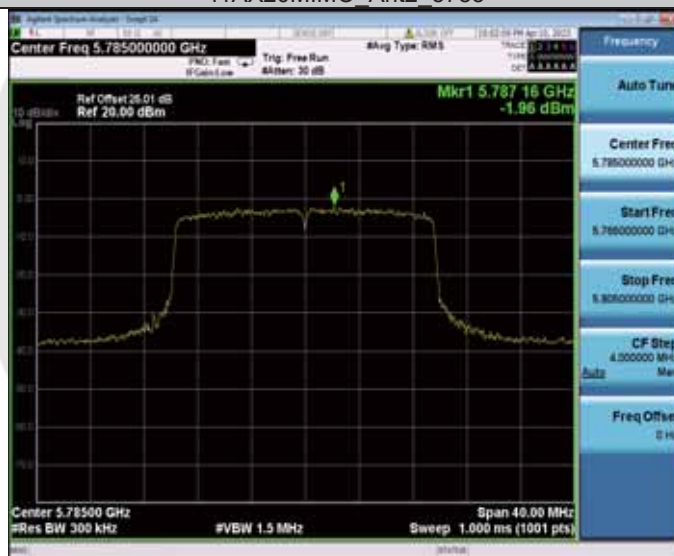
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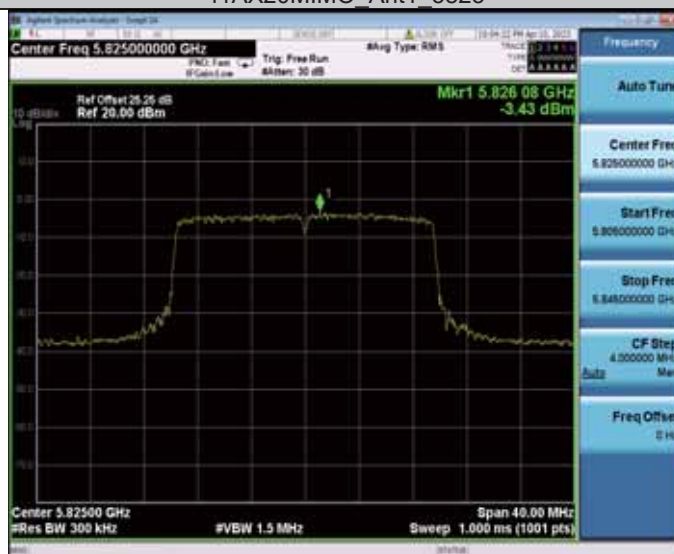
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11AX20MIMO Ant2 5785



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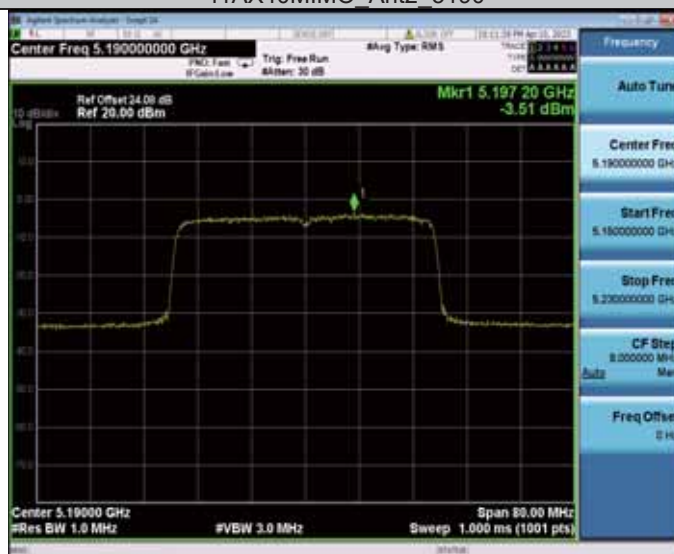
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11AX40MIMO Ant2 5190



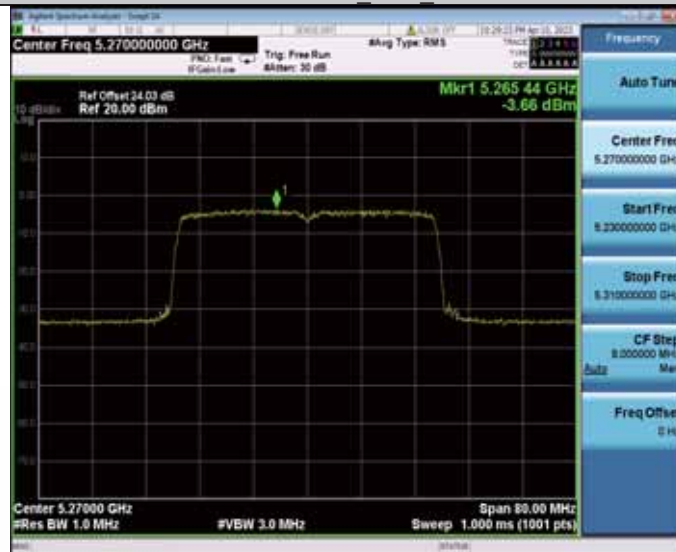
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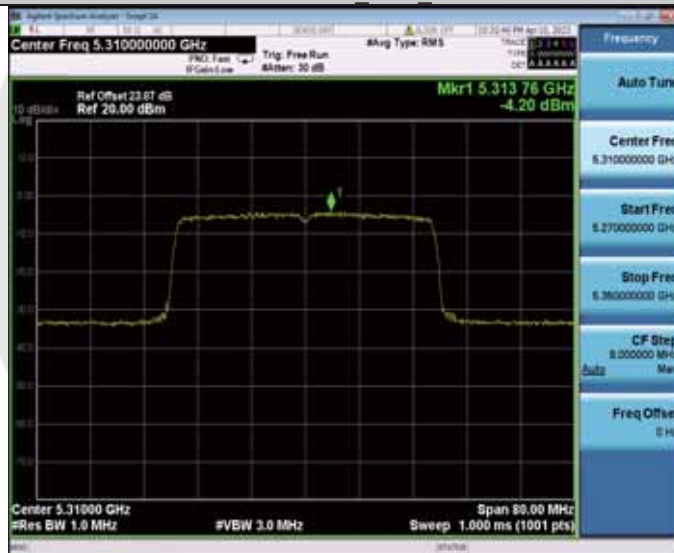
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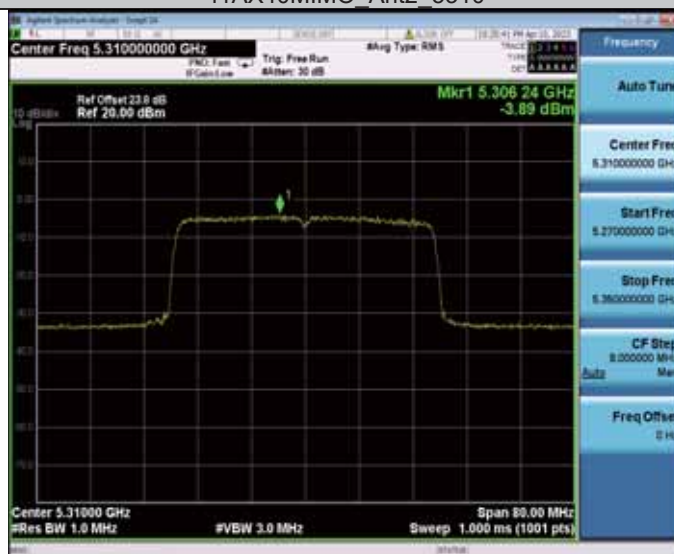
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11AX40MIMO Ant2 5310



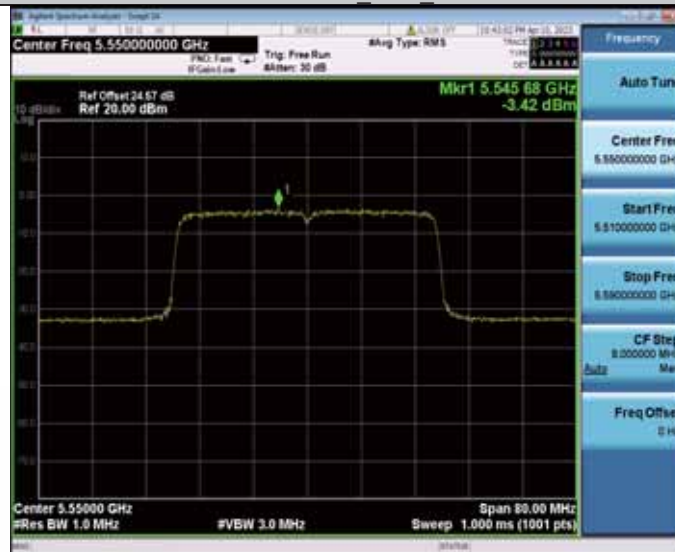
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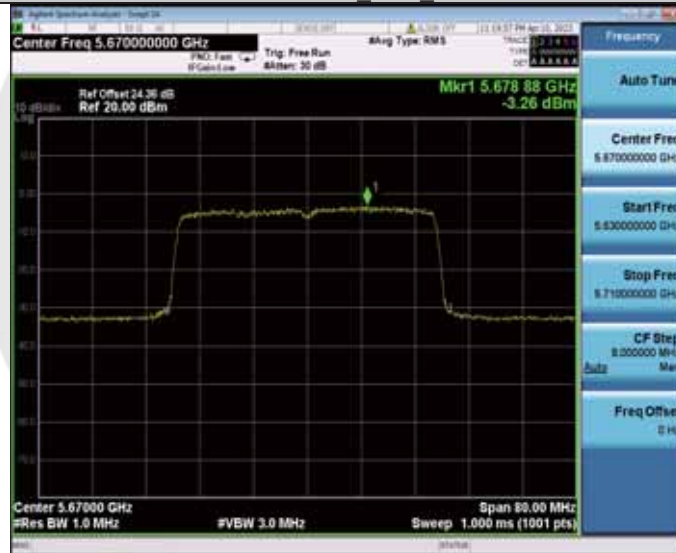
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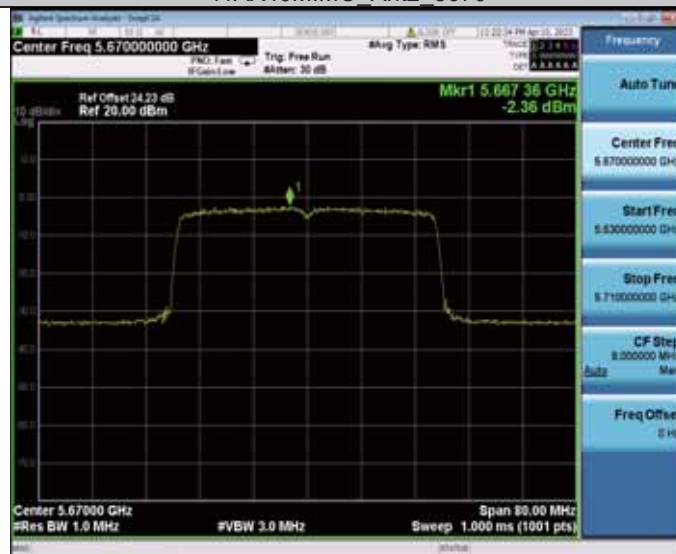
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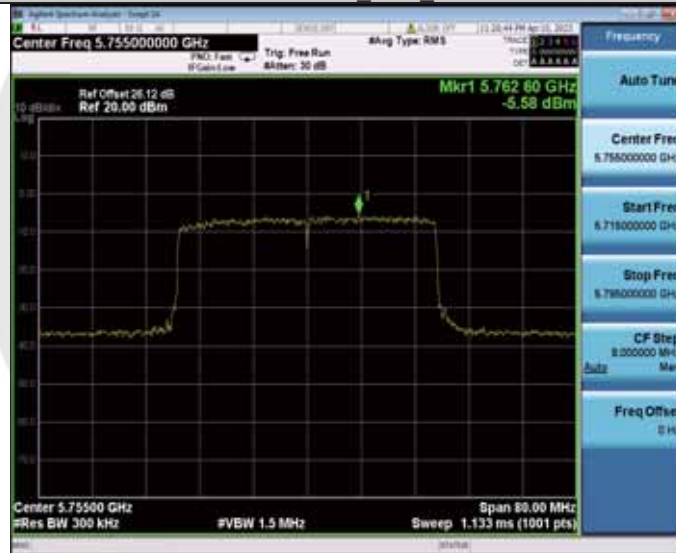
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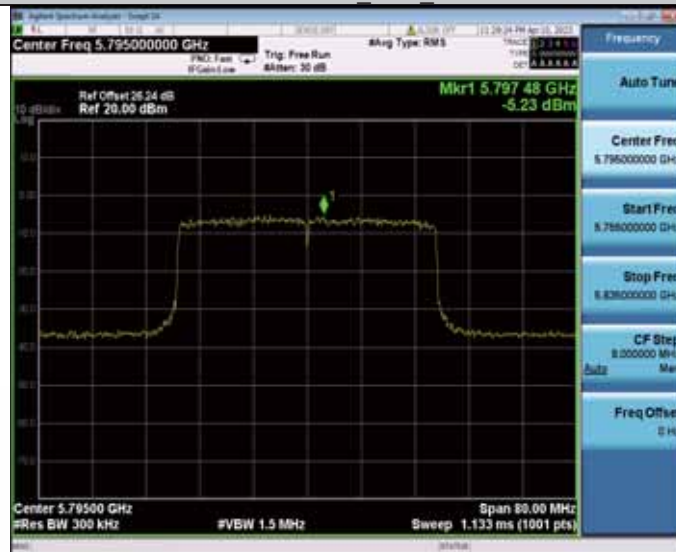
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11AX40MIMO Ant2 5755



11AX40MIMO Ant1 5795



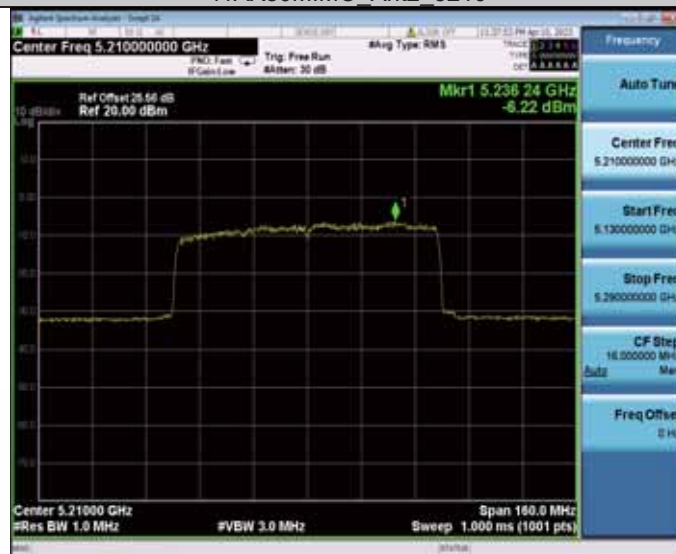
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11AX80MIMO Ant2 5210



11AX80MIMO Ant1 5290



11AX80MIMO Ant2 5290



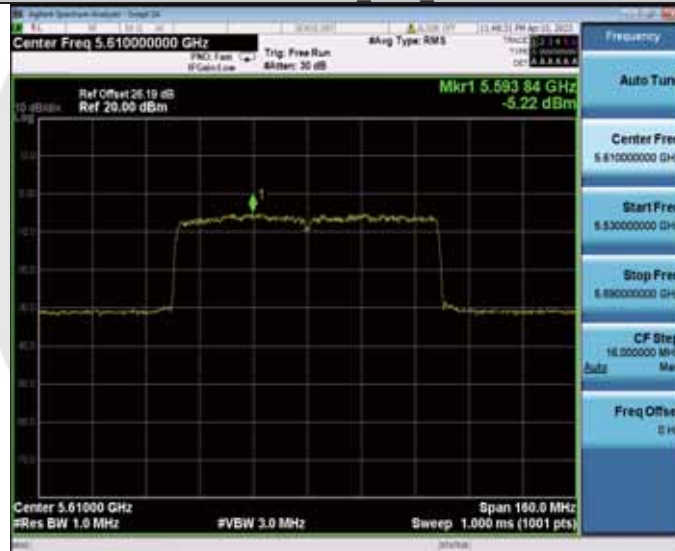
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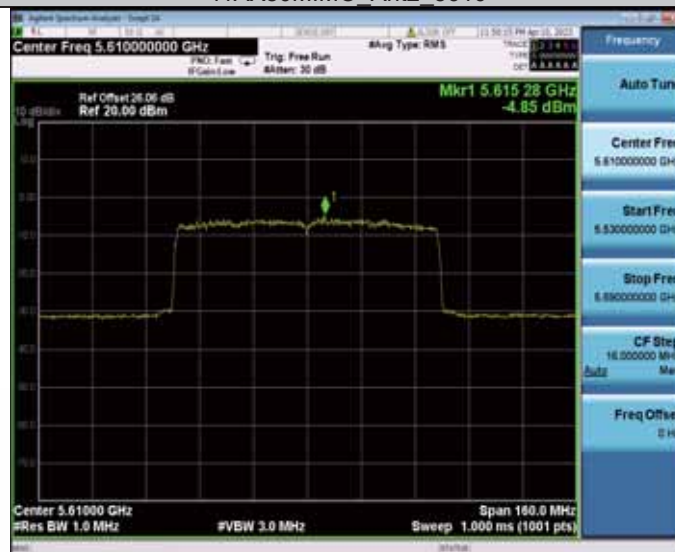
11AX80MIMO Ant2 5530



11AX80MIMO Ant1 5610



11AX80MIMO Ant2 5610



11AX80MIMO Ant1 5775



11AX80MIMO Ant2 5775



## 8.4 FREQUENCY STABILITY

### 8.4.1 Applicable Standard

According to FCC Part 15.407(g)  
ANSI C63.10 Section 6.8  
According to RSS-GEN 6.11 and 8.11

### 8.4.2 Conformance Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

For licence-exempt devices, the following conditions apply:

at the temperatures of -20°C (-4°F), +20°C (+68°F) and +50°C (+122°F), and at the manufacturer's rated supply voltage.

at the temperature of +20°C (+68°F) and at ±15% of the manufacturer's rated supply voltage.

### 8.4.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

### 8.4.4 Test Procedure

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously

Set RBW = 10 kHz.

Set Span= Entire absence of modulation emissions band

Set the video bandwidth (VBW) =30 kHz. width

Set Detector = Peak.

Set Trace mode = max hold.

Set Sweep = auto couple.

Allow the trace to stabilize.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

Beginning at each temperature level specified in user manual , the frequency shall be measured within one minute after application of primary power to the transmitter and at intervals of no more than one minute thereafter until ten minutes have elapsed or until sufficient measurements are obtained to indicate clearly that the frequency has stabilized within the applicable tolerance, whichever time period is greater.

During each test, the ambient temperature shall not be allowed to rise more than 10° centigrade above the respective beginning ambient temperature level

Measure and record the results in the test report.

### 8.4.5 Test Results

|                    |           |
|--------------------|-----------|
| Temperature:       | 25 °C     |
| Relative Humidity: | 45%       |
| ATM Pressure:      | 1011 mbar |

Note: N/A



## 8.5 UNDESIRABLE RADIATED SPURIOUS EMISSION

### 8.5.1 Applicable Standard

According to FCC Part 15.407 (b), 15.209, 15.205

According to 789033 D02 Section II(G)

According to RSS-GEN 8.9, 8.10 and 6.13

### 8.5.2 Conformance Limit

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

| Restricted Frequency(MHz) | Field Strength ( $\mu\text{V/m}$ ) | Field Strength ( $\text{dB}\mu\text{V/m}$ ) | Measurement Distance |
|---------------------------|------------------------------------|---------------------------------------------|----------------------|
| 0.009-0.490               | 2400/F(KHz)                        | 20 log ( $\mu\text{V/m}$ )                  | 300                  |
| 0.490-1.705               | 24000/F(KHz)                       | 20 log ( $\mu\text{V/m}$ )                  | 30                   |
| 1.705-30                  | 30                                 | 29.5                                        | 30                   |
| 30-88                     | 100                                | 40                                          | 3                    |
| 88-216                    | 150                                | 43.5                                        | 3                    |
| 216-960                   | 200                                | 46                                          | 3                    |
| Above 960                 | 500                                | 54                                          | 3                    |

The provisions of §15.205 apply to intentional radiators operating under this section, 15.205 Restricted bands of operation

| MHz               | MHz                 | MHz           | GHz         |
|-------------------|---------------------|---------------|-------------|
| 0.090-0.110       | 16.42-16.423        | 399.9-410     | 4.5-5.15    |
| 10.495-0.505      | 16.69475-16.69525   | 608-614       | 5.35-5.46   |
| 2.1735-2.1905     | 16.80425-16.80475   | 960-1240      | 7.25-7.75   |
| 4.125-4.128       | 25.5-25.67          | 1300-1427     | 8.025-8.5   |
| 4.17725-4.17775   | 37.5-38.25          | 1435-1626.5   | 9.0-9.2     |
| 4.20725-4.20775   | 73-74.6             | 1645.5-1646.5 | 9.3-9.5     |
| 6.215-6.218       | 74.8-75.2           | 1660-1710     | 10.6-12.7   |
| 6.26775-6.26825   | 123-138             | 2200-2300     | 14.47-14.5  |
| 8.291-8.294       | 149.9-150.05        | 2310-2390     | 15.35-16.2  |
| 8.362-8.366       | 156.52475-156.52525 | 2483.5-2500   | 17.7-21.4   |
| 8.37625-8.38675   | 156.7-156.9         | 2690-2900     | 22.01-23.12 |
| 8.41425-8.41475   | 162.0125-167.17     | 3260-3267     | 23.6-24.0   |
| 12.29-12.293      | 167.72-173.2        | 3332-3339     | 31.2-31.8   |
| 12.51975-12.52025 | 240-285             | 3345.8-3358   | 36.43-36.5  |
| 12.57675-12.57725 | 322-335.4           | 3600-4400     | (2)         |
| 13.36-13.41       |                     |               |             |

Remark: 1. Emission level in dBuV/m=20 log (uV/m)  
 2. Measurement was performed at an antenna to the closed point of EUT distance of     meters.  
 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

### 8.5.3 Test Configuration

Test according to clause 6.2 radio frequency test setup

### 8.5.4 Test Procedure

#### ■ Unwanted Emissions Measurements below 1000 MHz

Compliance shall be demonstrated using CISPR quasi-peak detection; however, peak detection is permitted as an alternative to quasi-peak detection.

The EUT was placed on a turn table which is 0.8m above ground plane.

And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

Repeat above procedures until all frequency measured was complete.

We use software control the EUT, Let EUT hopping on and transmit with highest power, All the modes have been tested and the worst result was reported.

Use the following spectrum analyzer settings:

Set RBW=120kHz for  $f < 1$  GHz(30MHz to 1GHz), 200Hz for  $f < 150$  KHz(9KHz to 150KHz), 9KHz for  $f < 30$  MHz(150KHz to 30KHz).

Set the VBW > RBW.

Detector = Peak.

Trace mode = max hold.

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data. Repeat above procedures until all frequency measured was complete.

#### ■ Unwanted Maximum peak Emissions Measurements above 1000 MHz

Maximum emission levels are measured by setting the analyzer as follows:

RBW = 1 MHz.

VBW  $\geq$  3 MHz.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately  $1/x$ , where  $x$  is the duty cycle. For example, at 50 percent duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

#### ■ Unwanted Average Emissions Measurements above 1000 MHz

Method VB (Averaging using reduced video bandwidth): Alternative method.

RBW = 1 MHz.

Video bandwidth. • If the EUT is configured to transmit with duty cycle  $\geq$  98 percent, set VBW  $\leq$  RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

• If the EUT duty cycle is < 98 percent, set VBW  $\geq$   $1/T$ , where  $T$  is defined in section II.B.1.a).

Video bandwidth mode or display mode • The instrument shall be set to ensure that video filtering is applied in the power domain. Typically, this requires setting the detector mode to RMS and setting the Average-VBW Type to Power (RMS).

• As an alternative, the analyzer may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some analyzers require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle. For example, use at least 200 traces if the duty cycle is 25 percent. (If a specific emission is demonstrated to be continuous—i.e., 100 percent duty cycle—rather than turning on and off with the transmit cycle, at least 50 traces shall be averaged.)

#### ■ Band edge measurements.

Unwanted band-edge emissions may be measured using either of the special band-edge measurement techniques (the marker-delta or integration methods) described below. Note that the marker-delta method is primarily a radiated measurement technique that requires the 99% occupied bandwidth edge to be within 2 MHz of the authorized band edge, whereas the integration method can be used in either a radiated or conducted measurement without any special requirement with regards to the displacement of the unwanted emission(s) relative to the authorized bandwidth.

Marker-Delta Method.

The marker-delta method, as described in ANSI C63.10, can be used to perform measurements of the radiated unwanted emissions level of emissions provided that the 99% occupied bandwidth of the fundamental is within 2 MHz of the authorized band-edge.

### 8.5.5 Test Results

|                    |           |
|--------------------|-----------|
| Temperature:       | 26° C     |
| Relative Humidity: | 54%       |
| ATM Pressure:      | 1011 mbar |

#### ■ Spurious Emission below 30MHz(9KHz to 30MHz)

| Freq.<br>(MHz) | Ant.Pol.<br>H/V | Emission<br>Level(dBuV/m) |    | Limit 3m(dBuV/m) |    | Over(dB) |    |
|----------------|-----------------|---------------------------|----|------------------|----|----------|----|
|                |                 | PK                        | AV | PK               | AV | PK       | AV |
| --             | --              | --                        | -- | --               | -- | --       | -- |

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Distance extrapolation factor =  $40 \log(\text{Specific distance} / \text{test distance})$  (dB);

Limit line = Specific limits(dBuV) + distance extrapolation factor

# ■ For Undesirable radiated Spurious Emission in U-NII - 1

- Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11ax(HE20)) result recorded was report as below:

## BL-M7621AX7

Test mode: 802.11a Frequency: Channel 36: 5180MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11535.7     | V        | 60.02                   | -35.21        | -27         | 8.21     |
| 14580.8     | V        | 62.19                   | -33.04        | -27         | 6.04     |
| 17504.8     | V        | 68.01                   | -27.22        | -27         | 0.22     |
| 10711.2     | H        | 59.73                   | -35.5         | -27         | 8.5      |
| 14570.2     | H        | 62.82                   | -32.41        | -27         | 5.41     |
| 17496.3     | H        | 67.30                   | -27.93        | -27         | 0.93     |

Test mode: 802.11a Frequency: Channel 40: 5200MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11493.2     | V        | 60.59                   | -34.64        | -27         | 7.64     |
| 14519.2     | V        | 62.77                   | -32.46        | -27         | 5.46     |
| 17500.6     | V        | 67.32                   | -27.91        | -27         | 0.91     |
| 11565.5     | H        | 60.24                   | -34.99        | -27         | 7.99     |
| 14555.3     | H        | 62.89                   | -32.34        | -27         | 5.34     |
| 17487.8     | H        | 67.38                   | -27.85        | -27         | 0.85     |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11520.8     | V        | 60.10                   | -35.13        | -27         | 8.13     |
| 14625.5     | V        | 62.33                   | -32.9         | -27         | 5.9      |
| 17504.8     | V        | 67.91                   | -27.32        | -27         | 0.32     |
| 11546.3     | H        | 59.67                   | -35.56        | -27         | 8.56     |
| 14553.2     | H        | 63.18                   | -32.05        | -27         | 5.05     |
| 17517.6     | H        | 67.56                   | -27.67        | -27         | 0.67     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 36: 5180MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11535.7        | V        | 60.02                     | 48.89 | 74               | 54 | 13.98    | 5.11 |
| 14580.8        | V        | 62.19                     | 49.71 | 74               | 54 | 11.81    | 4.29 |
| 17504.8        | V        | 68.01                     | 47.00 | 74               | 54 | 5.99     | 7.00 |
| 10711.2        | H        | 59.73                     | 49.82 | 74               | 54 | 14.27    | 4.18 |
| 14570.2        | H        | 62.82                     | 49.52 | 74               | 54 | 11.18    | 4.48 |
| 17496.3        | H        | 67.30                     | 46.96 | 74               | 54 | 6.70     | 7.04 |

Test mode: 802.11a Frequency: Channel 40: 5200MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11493.2        | V        | 60.59                     | 49.54 | 74               | 54 | 13.41    | 4.46 |
| 14519.2        | V        | 62.77                     | 48.95 | 74               | 54 | 11.23    | 5.05 |
| 17500.6        | V        | 67.32                     | 47.07 | 74               | 54 | 6.68     | 6.93 |
| 11565.5        | H        | 60.24                     | 48.94 | 74               | 54 | 13.76    | 5.06 |
| 14555.3        | H        | 62.89                     | 49.47 | 74               | 54 | 11.11    | 4.53 |
| 17487.8        | H        | 67.38                     | 46.97 | 74               | 54 | 6.62     | 7.03 |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11520.8        | V        | 60.10                     | 49.30 | 74               | 54 | 13.90    | 4.70 |
| 14625.5        | V        | 62.33                     | 49.23 | 74               | 54 | 11.67    | 4.77 |
| 17504.8        | V        | 67.91                     | 46.97 | 74               | 54 | 6.09     | 7.03 |
| 11546.3        | H        | 59.67                     | 49.17 | 74               | 54 | 14.33    | 4.83 |
| 14553.2        | H        | 63.18                     | 49.71 | 74               | 54 | 10.82    | 4.29 |
| 17517.6        | H        | 67.56                     | 46.61 | 74               | 54 | 6.44     | 7.39 |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

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Test mode: 802.11a Frequency: Channel 36: 5180MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11485.7     | V        | 59.76                   | -35.47        | -27         | 8.47     |
| 14691.8     | V        | 62.51                   | -32.72        | -27         | 5.72     |
| 17498.2     | V        | 67.16                   | -28.07        | -27         | 1.07     |
| 11528.2     | H        | 59.82                   | -35.41        | -27         | 8.41     |
| 15151.0     | H        | 62.93                   | -32.3         | -27         | 5.3      |
| 17506.7     | H        | 66.93                   | -28.3         | -27         | 1.3      |

Test mode: 802.11a Frequency: Channel 40: 5200MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11494.2     | V        | 59.97                   | -35.26        | -27         | 8.26     |
| 14632.3     | V        | 62.70                   | -32.53        | -27         | 5.53     |
| 17515.2     | V        | 67.46                   | -27.77        | -27         | 0.77     |
| 11494.2     | H        | 60.17                   | -35.06        | -27         | 8.06     |
| 14606.8     | H        | 62.72                   | -32.51        | -27         | 5.51     |
| 17515.2     | H        | 67.23                   | -28           | -27         | 1        |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11545.2     | V        | 59.94                   | -35.29        | -27         | 8.29     |
| 14632.3     | V        | 62.68                   | -32.55        | -27         | 5.55     |
| 17489.7     | V        | 66.96                   | -28.27        | -27         | 1.27     |
| 11366.6     | H        | 60.02                   | -35.21        | -27         | 8.21     |
| 15117.0     | H        | 63.18                   | -32.05        | -27         | 5.05     |
| 17515.2     | H        | 66.96                   | -28.27        | -27         | 1.27     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 36: 5180MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11485.7        | V        | 59.76                     | 48.83 | 74               | 54 | 14.24    | 5.17 |
| 14691.8        | V        | 62.51                     | 48.55 | 74               | 54 | 11.49    | 5.45 |
| 17498.2        | V        | 67.16                     | 47.64 | 74               | 54 | 6.84     | 6.36 |
| 11528.2        | H        | 59.82                     | 49.16 | 74               | 54 | 14.18    | 4.84 |
| 15151.0        | H        | 62.93                     | 47.20 | 74               | 54 | 11.07    | 6.80 |
| 17506.7        | H        | 66.93                     | 46.93 | 74               | 54 | 7.07     | 7.07 |

Test mode: 802.11a Frequency: Channel 40: 5200MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11494.2        | V        | 59.97                     | 49.05 | 74               | 54 | 14.03    | 4.95 |
| 14632.3        | V        | 62.70                     | 49.30 | 74               | 54 | 11.30    | 4.70 |
| 17515.2        | V        | 67.46                     | 46.64 | 74               | 54 | 6.54     | 7.36 |
| 11494.2        | H        | 60.17                     | 48.90 | 74               | 54 | 13.83    | 5.10 |
| 14606.8        | H        | 62.72                     | 49.81 | 74               | 54 | 11.28    | 4.19 |
| 17515.2        | H        | 67.23                     | 47.09 | 74               | 54 | 6.77     | 6.91 |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11545.2        | V        | 59.94                     | 49.19 | 74               | 54 | 14.06    | 4.81 |
| 14632.3        | V        | 62.68                     | 49.29 | 74               | 54 | 11.32    | 4.71 |
| 17489.7        | V        | 66.96                     | 46.66 | 74               | 54 | 7.04     | 7.34 |
| 11366.6        | H        | 60.02                     | 48.27 | 74               | 54 | 13.98    | 5.73 |
| 15117.0        | H        | 63.18                     | 47.08 | 74               | 54 | 10.82    | 6.92 |
| 17515.2        | H        | 66.96                     | 46.68 | 74               | 54 | 7.04     | 7.32 |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 36: 5180MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5031.53     | H        | 55.03                                | -40.2         | -27         | Pass    |
| 5030.64     | V        | 53.98                                | -41.25        | -27         | Pass    |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5385.40     | H        | 52.91                                | -42.32        | -27         | Pass    |
| 5383.09     | V        | 53.09                                | -42.14        | -27         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 36: 5180MHz

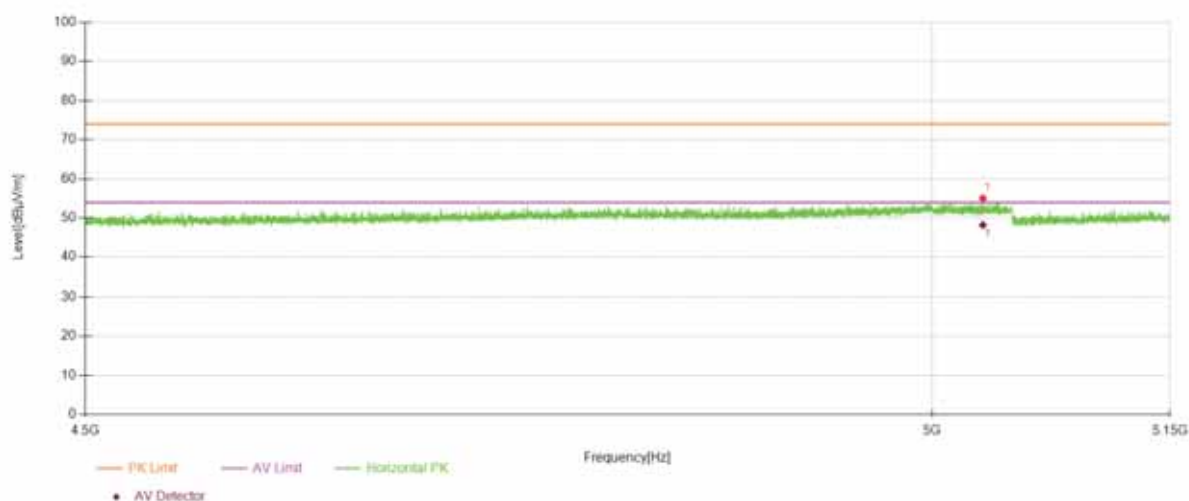
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5031.53         | H        | 55.03                 | 74                | 48.19                 | 54                |
| 5030.64         | V        | 53.98                 | 74                | 47.20                 | 54                |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

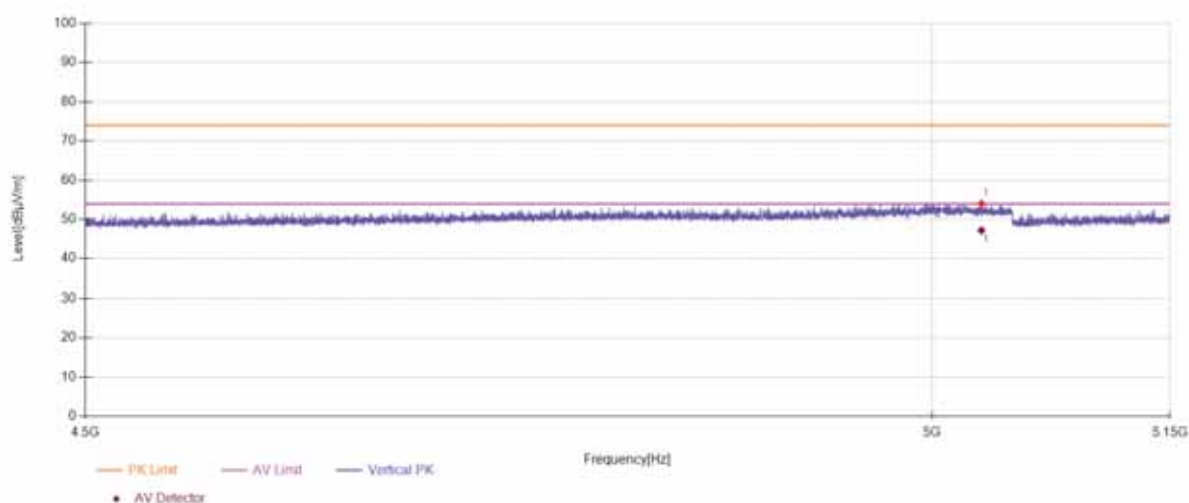
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5385.40         | H        | 52.91                 | 74                | 48.24                 | 54                |
| 5383.09         | V        | 53.09                 | 74                | 48.47                 | 54                |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Correct Factor.  
 (3) Correct Factor= Ant\_F + Cab\_L - Preamp  
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

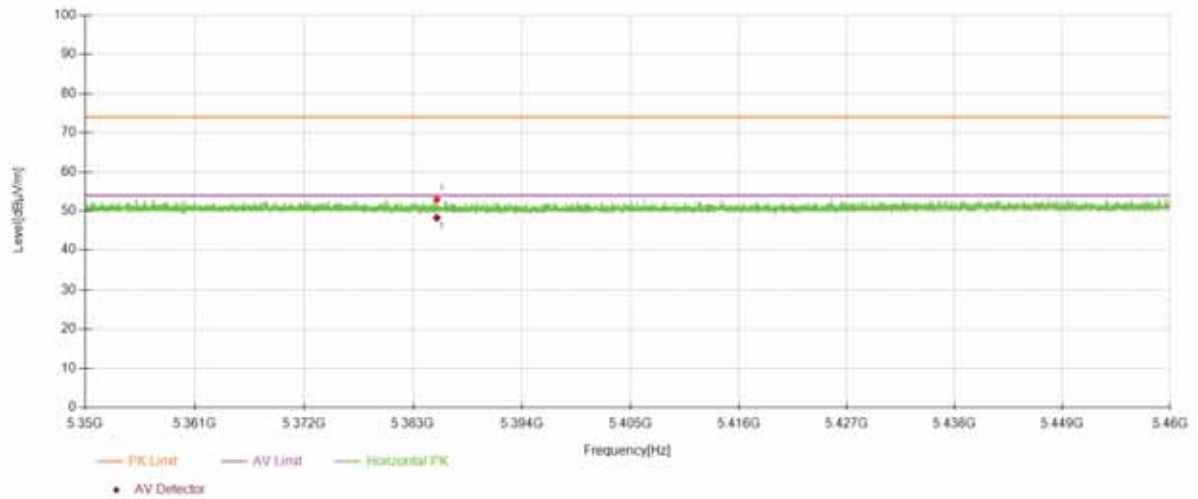
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 36: 5180MHz  | Ant.Pol                        | H |



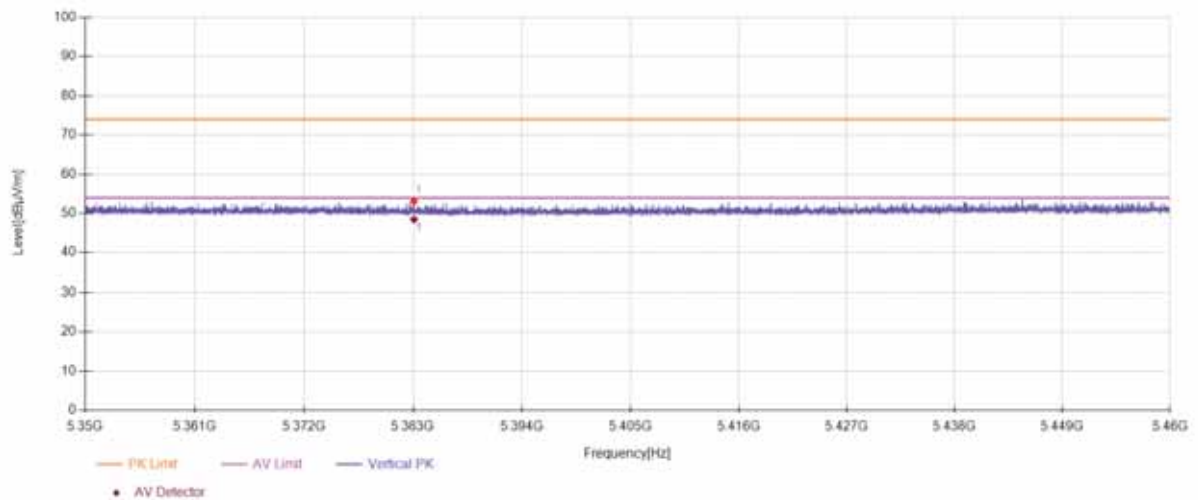
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 36: 5180MHz  | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 48: 5240MHz  | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 48: 5240MHz  | Ant.Pol                        | V |



**BL-M8832AUI**

Test mode: 802.11a Frequency: Channel 36: 5180MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5024.46     | H        | 54.17                                | -41.06        | -27         | Pass    |
| 4996.6      | V        | 54.45                                | -40.78        | -27         | Pass    |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5377.54     | H        | 52.99                                | -42.24        | -27         | Pass    |
| 5377.65     | V        | 52.90                                | -42.33        | -27         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 36: 5180MHz

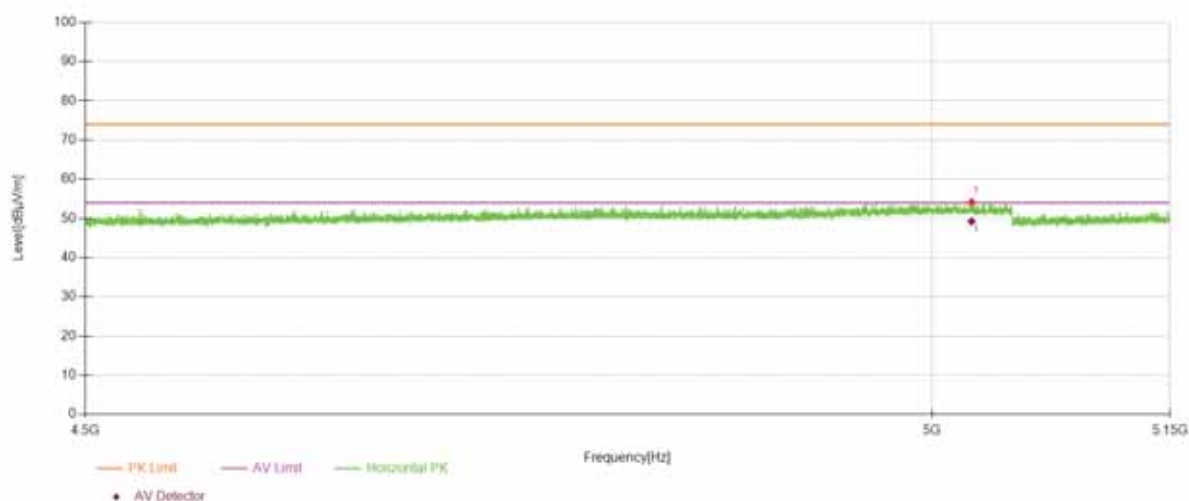
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5024.46         | H        | 54.17                 | 74                | 49.26                 | 54                |
| 4996.6          | V        | 54.45                 | 74                | 49.48                 | 54                |

Test mode: 802.11a Frequency: Channel 48: 5240MHz

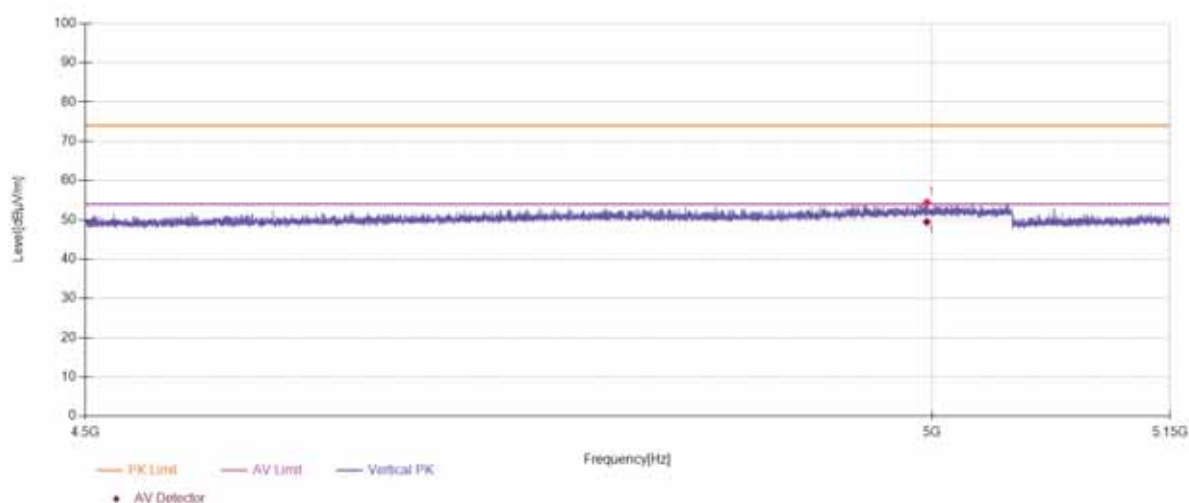
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5377.54         | H        | 52.99                 | 74                | 49.58                 | 54                |
| 5377.65         | V        | 52.90                 | 74                | 47.42                 | 54                |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Correct Factor.  
 (3) Correct Factor= Ant\_F + Cab\_L - Preamp  
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

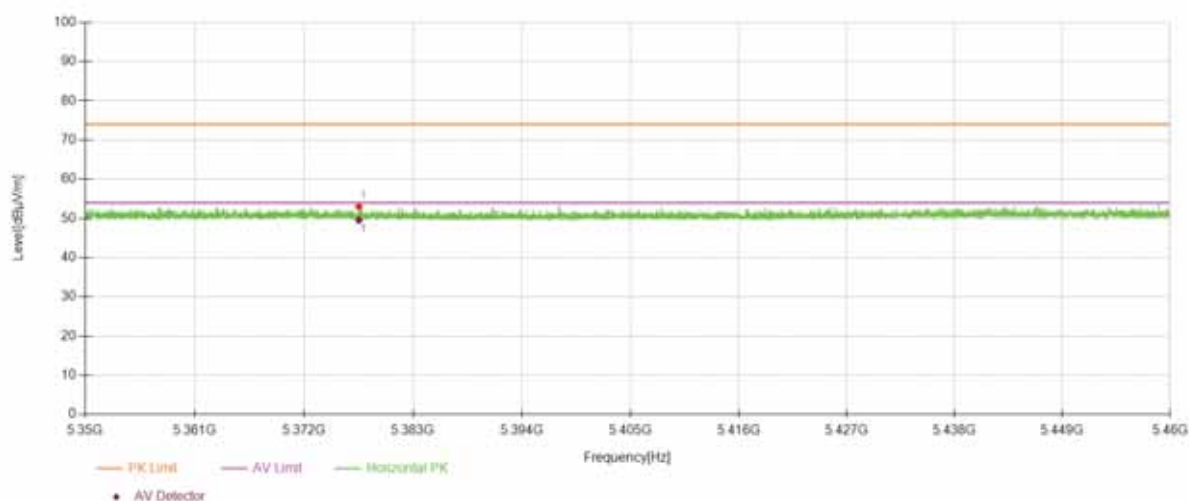
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 36: 5180MHz  | Ant.Pol                        | H |



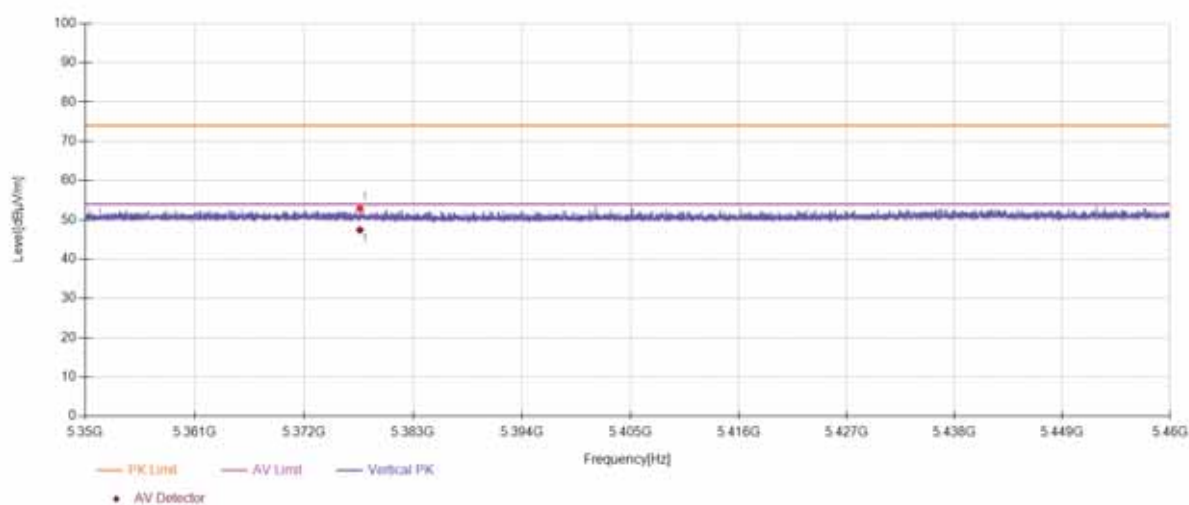
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 36: 5180MHz  | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 48: 5240MHz  | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII - 1  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 48: 5240MHz  | Ant.Pol                        | V |



■ For Undesirable radiated Spurious Emission in U-NII -2A

● Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11ax(HE20)) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 52: 5260MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11516.6     | V        | 60.03                   | -35.2         | -27         | 8.2      |
| 14559.6     | V        | 62.78                   | -32.45        | -27         | 5.45     |
| 15238.7     | V        | 63.25                   | -31.98        | -27         | 4.98     |
| 11527.2     | H        | 60.21                   | -35.02        | -27         | 8.02     |
| 14842.2     | H        | 62.65                   | -32.58        | -27         | 5.58     |
| 17500.6     | H        | 67.37                   | -27.86        | -27         | 0.86     |

Test mode: 802.11a Frequency: Channel 56: 5280MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11554.8     | V        | 59.54                   | -35.69        | -27         | 8.69     |
| 15203.5     | V        | 63.31                   | -31.92        | -27         | 4.92     |
| 17496.3     | V        | 67.77                   | -27.46        | -27         | 0.46     |
| 11401.8     | H        | 59.77                   | -35.46        | -27         | 8.46     |
| 14733.8     | H        | 64.13                   | -31.1         | -27         | 4.1      |
| 17496.3     | H        | 67.40                   | -27.83        | -27         | 0.83     |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11506       | V        | 59.77                   | -35.46        | -27         | 8.46     |
| 14746.6     | V        | 63.28                   | -31.95        | -27         | 4.95     |
| 15423.2     | V        | 63.56                   | -31.67        | -27         | 4.67     |
| 10696.3     | H        | 60.24                   | -34.99        | -27         | 7.99     |
| 14517.1     | H        | 62.16                   | -33.07        | -27         | 6.07     |
| 17494.2     | H        | 67.67                   | -27.56        | -27         | 0.56     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 52: 5260MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11516.6        | V        | 60.03                     | 48.87 | 74               | 54 | 13.97    | 5.13 |
| 14559.6        | V        | 62.78                     | 49.42 | 74               | 54 | 11.22    | 4.58 |
| 17487.8        | V        | 68.74                     | 46.58 | 74               | 54 | 5.26     | 7.42 |
| 11527.2        | H        | 60.21                     | 48.75 | 74               | 54 | 13.79    | 5.25 |
| 14842.2        | H        | 62.65                     | 47.54 | 74               | 54 | 11.35    | 6.46 |
| 17500.6        | H        | 67.37                     | 47.11 | 74               | 54 | 6.63     | 6.89 |

Test mode: 802.11a Frequency: Channel 56: 5280MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11554.8        | V        | 59.54                     | 48.69 | 74               | 54 | 14.46    | 5.31 |
| 15203.5        | V        | 63.31                     | 47.28 | 74               | 54 | 10.69    | 6.72 |
| 17496.3        | V        | 67.77                     | 46.96 | 74               | 54 | 6.23     | 7.04 |
| 11401.8        | H        | 59.77                     | 48.00 | 74               | 54 | 14.23    | 6.00 |
| 14733.8        | H        | 64.13                     | 47.97 | 74               | 54 | 9.87     | 6.03 |
| 17496.3        | H        | 67.40                     | 47.60 | 74               | 54 | 6.60     | 6.40 |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11506          | V        | 59.77                     | 49.71 | 74               | 54 | 14.23    | 4.29 |
| 14746.6        | V        | 63.28                     | 48.22 | 74               | 54 | 10.72    | 5.78 |
| 17509.1        | V        | 68.29                     | 46.83 | 74               | 54 | 5.71     | 7.17 |
| 10696.3        | H        | 60.24                     | 49.90 | 74               | 54 | 13.76    | 4.10 |
| 14517.1        | H        | 62.16                     | 49.25 | 74               | 54 | 11.84    | 4.75 |
| 17494.2        | H        | 67.67                     | 46.86 | 74               | 54 | 6.33     | 7.14 |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

**BL-M8832AUI**

Test mode: 802.11a Frequency: Channel 52: 5260MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11545.2     | V        | 59.97                   | -35.26        | -27         | 8.26     |
| 14606.8     | V        | 63.64                   | -31.59        | -27         | 4.59     |
| 17498.2     | V        | 67.04                   | -28.19        | -27         | 1.19     |
| 11485.7     | H        | 60.67                   | -34.56        | -27         | 7.56     |
| 14538.7     | H        | 62.52                   | -32.71        | -27         | 5.71     |
| 17498.2     | H        | 67.58                   | -27.65        | -27         | 0.65     |

Test mode: 802.11a Frequency: Channel 56: 5280MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11494.2     | V        | 61.56                   | -33.67        | -27         | 6.67     |
| 15142.5     | V        | 62.18                   | -33.05        | -27         | 6.05     |
| 17498.2     | V        | 66.77                   | -28.46        | -27         | 1.46     |
| 11409.2     | H        | 60.01                   | -35.22        | -27         | 8.22     |
| 14581.2     | H        | 62.54                   | -32.69        | -27         | 5.69     |
| 17498.2     | H        | 67.38                   | -27.85        | -27         | 0.85     |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11587.7     | V        | 59.70                   | -35.53        | -27         | 8.53     |
| 14530.2     | V        | 62.84                   | -32.39        | -27         | 5.39     |
| 17498.2     | V        | 67.19                   | -28.04        | -27         | 1.04     |
| 11375.1     | H        | 59.67                   | -35.56        | -27         | 8.56     |
| 14513.2     | H        | 62.68                   | -32.55        | -27         | 5.55     |
| 17523.7     | H        | 67.68                   | -27.55        | -27         | 0.55     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 52: 5260MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11545.2        | V        | 59.97                     | 48.74 | 74               | 54 | 14.03    | 5.26 |
| 14606.8        | V        | 63.64                     | 49.80 | 74               | 54 | 10.36    | 4.20 |
| 17498.2        | V        | 67.04                     | 47.02 | 74               | 54 | 6.96     | 6.98 |
| 11485.7        | H        | 60.67                     | 48.83 | 74               | 54 | 13.33    | 5.17 |
| 14538.7        | H        | 62.52                     | 49.25 | 74               | 54 | 11.48    | 4.75 |
| 17498.2        | H        | 67.58                     | 47.01 | 74               | 54 | 6.42     | 6.99 |

Test mode: 802.11a Frequency: Channel 56: 5280MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11494.2        | V        | 61.56                     | 48.80 | 74               | 54 | 12.44    | 5.20 |
| 15142.5        | V        | 62.18                     | 47.19 | 74               | 54 | 11.82    | 6.81 |
| 17498.2        | V        | 66.77                     | 47.00 | 74               | 54 | 7.23     | 7.00 |
| 11409.2        | H        | 60.01                     | 48.05 | 74               | 54 | 13.99    | 5.95 |
| 14581.2        | H        | 62.54                     | 49.67 | 74               | 54 | 11.46    | 4.33 |
| 17498.2        | H        | 67.38                     | 47.05 | 74               | 54 | 6.62     | 6.95 |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |    | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|----|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV | PK       | AV   |
| 11587.7        | V        | 59.70                     | 48.53 | 74               | 54 | 14.30    | 5.47 |
| 14530.2        | V        | 62.84                     | 49.03 | 74               | 54 | 11.16    | 4.97 |
| 17498.2        | V        | 67.19                     | 47.04 | 74               | 54 | 6.81     | 6.96 |
| 11375.1        | H        | 59.67                     | 48.21 | 74               | 54 | 14.33    | 5.79 |
| 14513.2        | H        | 62.68                     | 48.80 | 74               | 54 | 11.32    | 5.20 |
| 17523.7        | H        | 67.68                     | 46.43 | 74               | 54 | 6.32     | 7.57 |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 52: 5260MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 4998.55     | H        | 55.52                                | -39.71        | -27         | Pass    |
| 5036.49     | V        | 54.42                                | -40.81        | -27         | Pass    |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5367.97     | H        | 52.96                                | -42.27        | -27         | Pass    |
| 5380.58     | V        | 53.05                                | -42.18        | -27         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 52: 5260MHz

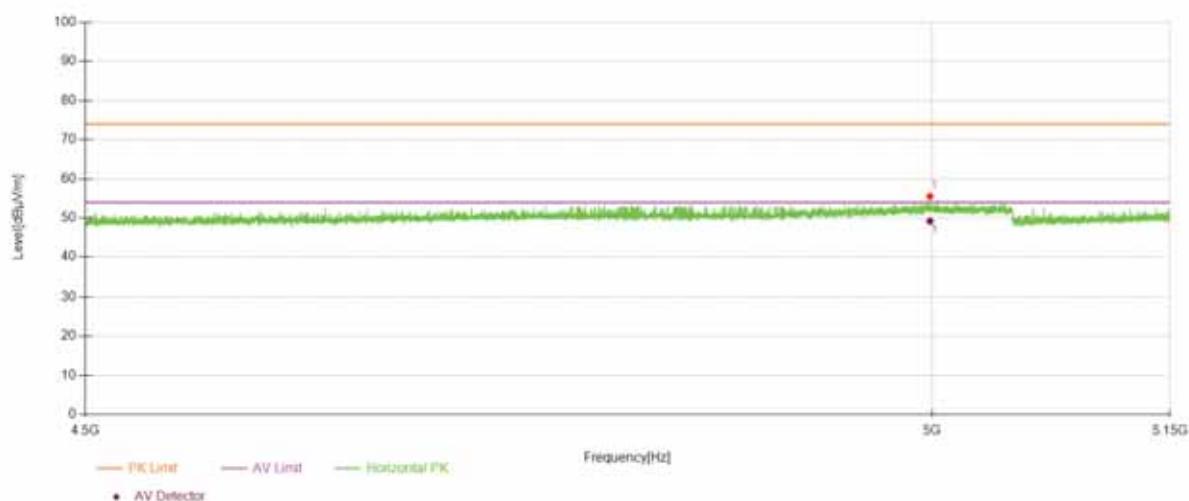
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 4998.55         | H        | 55.52                 | 74                | 49.19                 | 54                |
| 5036.49         | V        | 54.42                 | 74                | 48.22                 | 54                |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

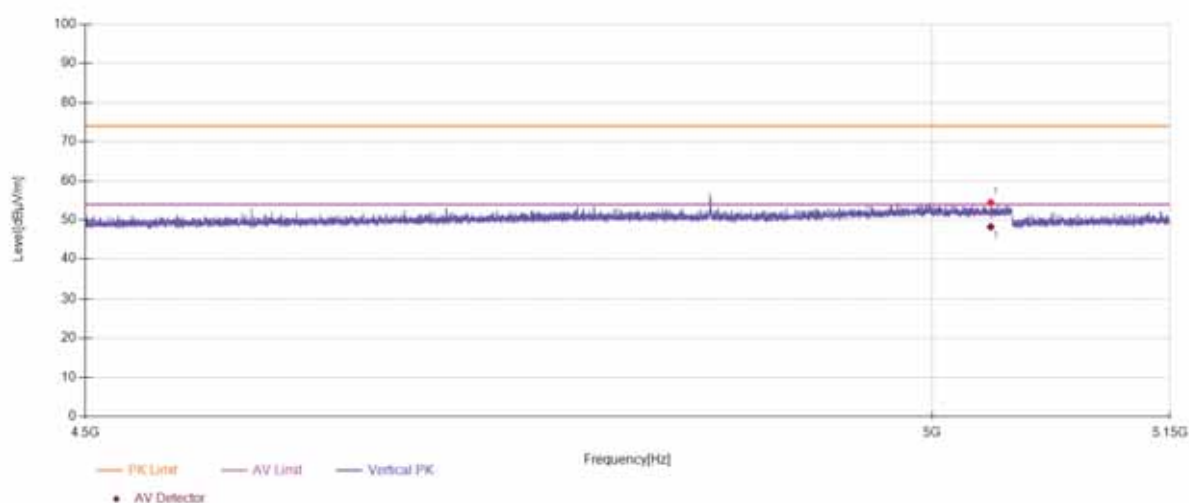
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5367.97         | H        | 52.96                 | 74                | 48.58                 | 54                |
| 5380.58         | V        | 53.05                 | 74                | 49.61                 | 54                |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Correct Factor.  
 (3) Correct Factor= Ant\_F + Cab\_L - Preamp  
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

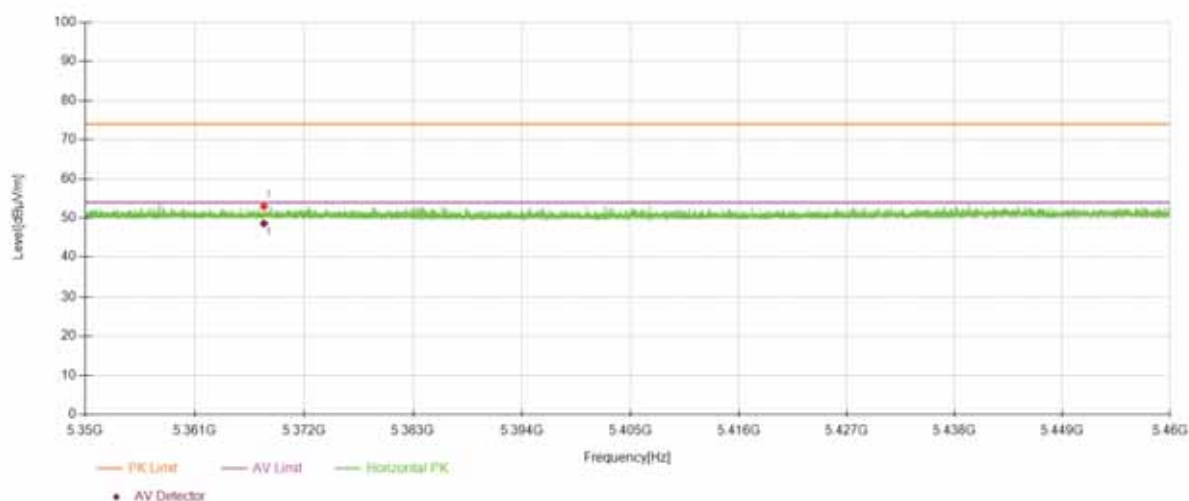
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 52: 5260MHz  | Ant.Pol                        | H |



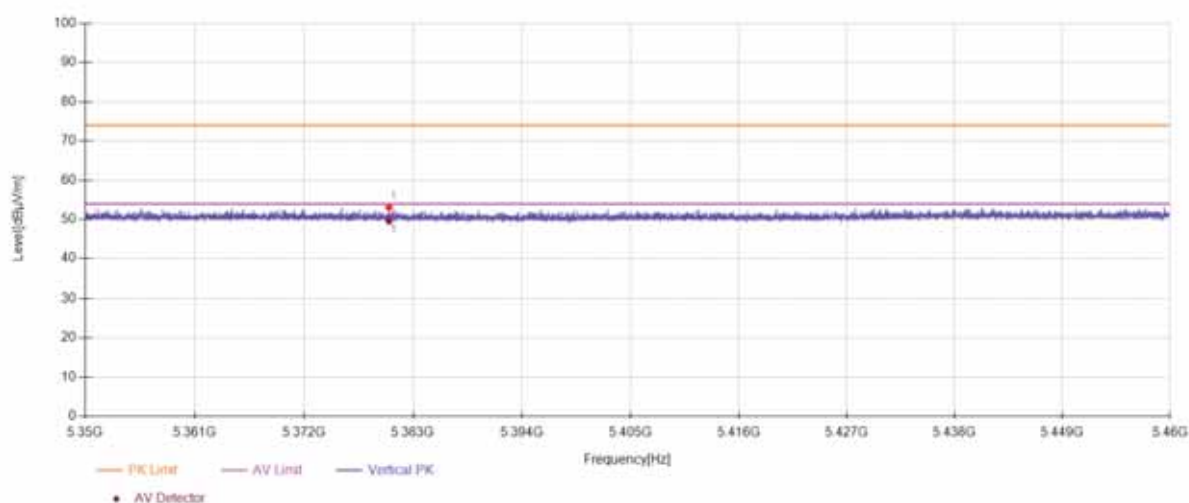
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 52: 5260MHz  | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 64: 5320MHz  | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 64: 5320MHz  | Ant.Pol                        | V |



# BL-M8832AUI

Test mode: 802.11a Frequency: Channel 52: 5260MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5042.34     | H        | 54.56                                | -40.67        | -27         | Pass    |
| 5023.57     | V        | 54.14                                | -41.09        | -27         | Pass    |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5389.47     | H        | 52.80                                | -42.43        | -27         | Pass    |
| 5384.30     | V        | 52.60                                | -42.63        | -27         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 52: 5260MHz

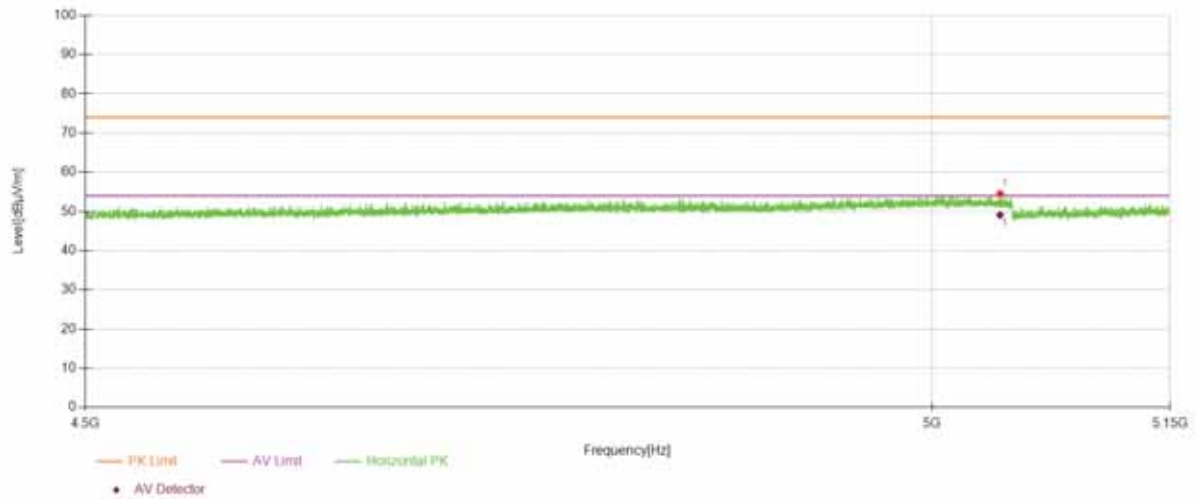
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5042.34         | H        | 54.56                 | 74                | 49.09                 | 54                |
| 5023.57         | V        | 54.14                 | 74                | 50.43                 | 54                |

Test mode: 802.11a Frequency: Channel 64: 5320MHz

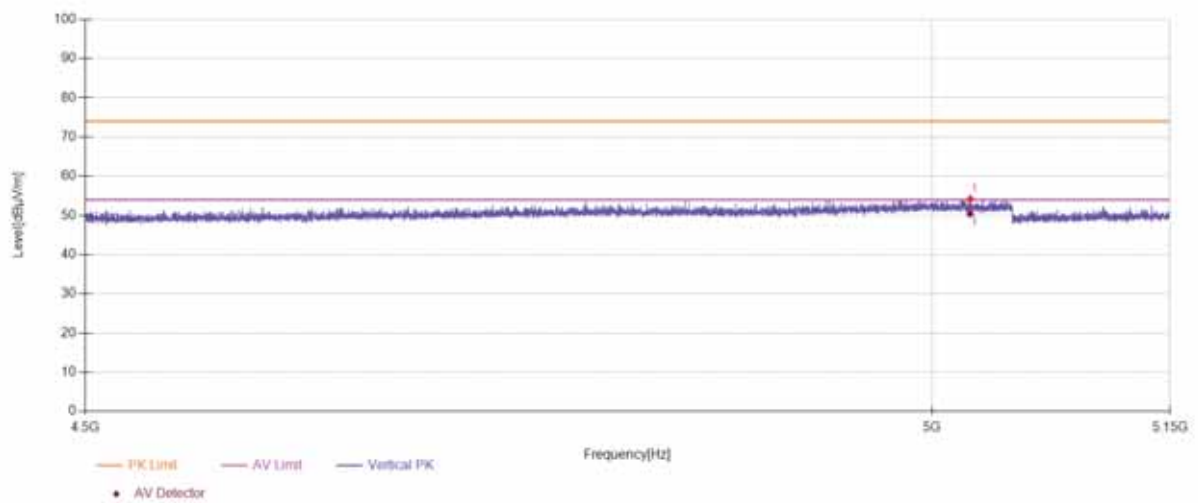
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5389.47         | H        | 52.80                 | 74                | 50.51                 | 54                |
| 5384.30         | V        | 52.60                 | 74                | 50.88                 | 54                |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
(2) Emission Level= Reading Level+Correct Factor.  
(3) Correct Factor= Ant\_F + Cab\_L - Preamp  
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

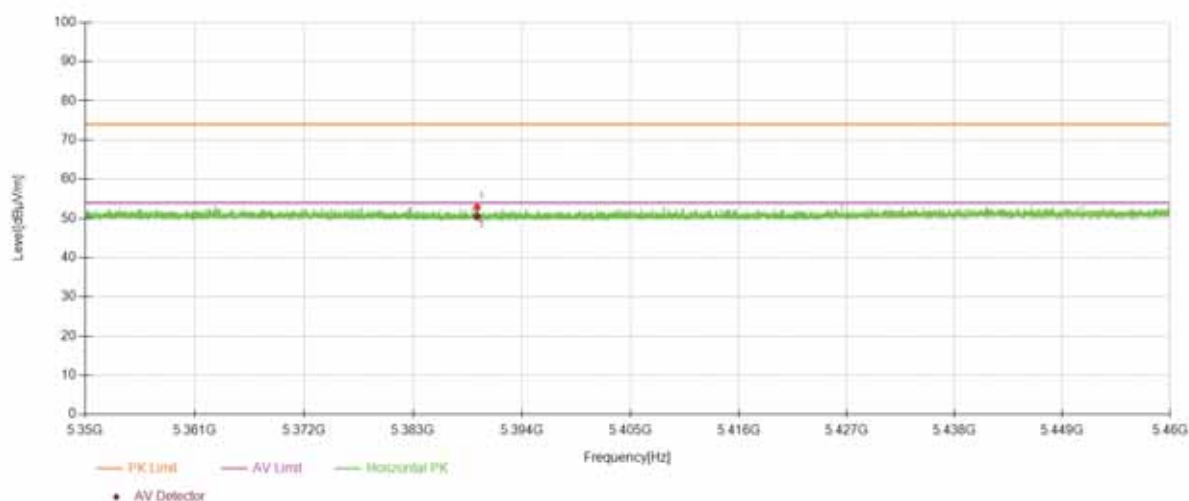
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 52: 5260MHz  | Ant.Pol                        | H |



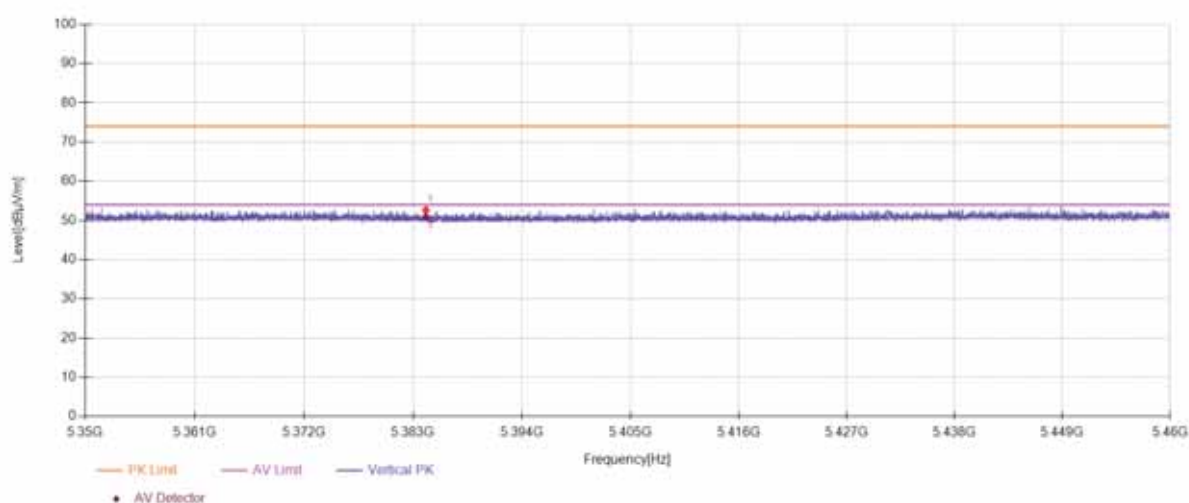
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 52: 5260MHz  | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 64: 5320MHz  | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2A  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 64: 5320MHz  | Ant.Pol                        | V |



■ For Undesirable radiated Spurious Emission in U-NII -2C

● Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 100: 5500MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 12035.1     | V        | 59.92                   | -35.31        | -27         | 8.31     |
| 14553.2     | V        | 62.64                   | -32.59        | -27         | 5.59     |
| 17504.8     | V        | 67.15                   | -28.08        | -27         | 1.08     |
| 11523       | H        | 59.81                   | -35.42        | -27         | 8.42     |
| 14546.8     | H        | 62.90                   | -32.33        | -27         | 5.33     |
| 17483.6     | H        | 67.39                   | -27.84        | -27         | 0.84     |

Test mode: 802.11a Frequency: Channel 120: 5600MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11529.3     | V        | 60.81                   | -34.42        | -27         | 7.42     |
| 14583       | V        | 62.68                   | -32.55        | -27         | 5.55     |
| 17490       | V        | 67.73                   | -27.5         | -27         | 0.5      |
| 11510.2     | H        | 59.43                   | -35.8         | -27         | 8.8      |
| 15122.7     | H        | 62.18                   | -33.05        | -27         | 6.05     |
| 17494.2     | H        | 67.09                   | -28.14        | -27         | 1.14     |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11508.1     | V        | 59.45                   | -35.78        | -27         | 8.78     |
| 14585.1     | V        | 62.76                   | -32.47        | -27         | 5.47     |
| 17496.3     | V        | 67.48                   | -27.75        | -27         | 0.75     |
| 11484.7     | H        | 59.61                   | -35.62        | -27         | 8.62     |
| 14583       | H        | 62.99                   | -32.24        | -27         | 5.24     |
| 17500.6     | H        | 67.25                   | -27.98        | -27         | 0.98     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 100: 5500MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 12035.1        | V        | 59.92                     | 48.10 | 74.00            | 54.00 | 14.08    | 5.90 |
| 14553.2        | V        | 62.64                     | 49.34 | 74.00            | 54.00 | 11.36    | 4.66 |
| 17504.8        | V        | 67.15                     | 46.93 | 74.00            | 54.00 | 6.85     | 7.07 |
| 11523          | H        | 59.81                     | 49.28 | 74.00            | 54.00 | 14.19    | 4.72 |
| 14546.8        | H        | 62.90                     | 49.25 | 74.00            | 54.00 | 11.10    | 4.75 |
| 17483.6        | H        | 67.39                     | 46.99 | 74.00            | 54.00 | 6.61     | 7.01 |

Test mode: 802.11a Frequency: Channel 120: 5600MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11529.3        | V        | 60.81                     | 49.25 | 74.00            | 54.00 | 13.19    | 4.75 |
| 14583          | V        | 62.68                     | 49.71 | 74.00            | 54.00 | 11.32    | 4.29 |
| 17490          | V        | 67.73                     | 46.65 | 74.00            | 54.00 | 6.27     | 7.35 |
| 11510.2        | H        | 59.43                     | 49.55 | 74.00            | 54.00 | 14.57    | 4.45 |
| 15122.7        | H        | 62.18                     | 47.12 | 74.00            | 54.00 | 11.82    | 6.88 |
| 17494.2        | H        | 67.09                     | 46.84 | 74.00            | 54.00 | 6.91     | 7.16 |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11508.1        | V        | 59.45                     | 49.45 | 74.00            | 54.00 | 14.55    | 4.55 |
| 14585.1        | V        | 62.76                     | 49.76 | 74.00            | 54.00 | 11.24    | 4.24 |
| 17496.3        | V        | 67.48                     | 46.97 | 74.00            | 54.00 | 6.52     | 7.03 |
| 11484.7        | H        | 59.61                     | 48.99 | 74.00            | 54.00 | 14.39    | 5.01 |
| 14583          | H        | 62.99                     | 49.50 | 74.00            | 54.00 | 11.01    | 4.50 |
| 17500.6        | H        | 67.25                     | 47.11 | 74.00            | 54.00 | 6.75     | 6.89 |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

**BL-M8832AUI**

Test mode: 802.11a Frequency: Channel 100: 5500MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11494.2     | V        | 60.26                   | -34.97        | -27         | 7.97     |
| 14598.2     | V        | 62.84                   | -32.39        | -27         | 5.39     |
| 17515.2     | V        | 68.07                   | -27.16        | -27         | 0.16     |
| 10720.3     | H        | 60.06                   | -35.17        | -27         | 8.17     |
| 14598.2     | H        | 62.70                   | -32.53        | -27         | 5.53     |
| 17506.7     | H        | 66.79                   | -28.44        | -27         | 1.44     |

Test mode: 802.11a Frequency: Channel 120: 5600MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11485.7     | V        | 62.82                   | -31.83        | -27         | 4.83     |
| 15100.0     | V        | 63.40                   | -28.43        | -27         | 1.43     |
| 17498.2     | V        | 66.80                   | -35.51        | -27         | 8.51     |
| 11477.2     | H        | 59.72                   | -32.86        | -27         | 5.86     |
| 14691.8     | H        | 62.37                   | -28.4         | -27         | 1.4      |
| 17498.2     | H        | 66.83                   | -31.83        | -27         | 4.83     |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11536.7     | V        | 59.98                   | -35.25        | -27         | 8.25     |
| 14581.2     | V        | 63.14                   | -32.09        | -27         | 5.09     |
| 17523.7     | V        | 66.64                   | -28.59        | -27         | 1.59     |
| 11171.0     | H        | 59.77                   | -35.46        | -27         | 8.46     |
| 14547.2     | H        | 62.82                   | -32.41        | -27         | 5.41     |
| 17506.7     | H        | 65.98                   | -29.25        | -27         | 2.25     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 100: 5500MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11494.2        | V        | 60.26                     | 48.90 | 74.00            | 54.00 | 13.74    | 5.10 |
| 14598.2        | V        | 62.84                     | 49.90 | 74.00            | 54.00 | 11.16    | 4.10 |
| 17515.2        | V        | 68.07                     | 46.65 | 74.00            | 54.00 | 5.93     | 7.35 |
| 10720.3        | H        | 60.06                     | 49.19 | 74.00            | 54.00 | 13.94    | 4.81 |
| 14598.2        | H        | 62.70                     | 49.91 | 74.00            | 54.00 | 11.30    | 4.09 |
| 17506.7        | H        | 66.79                     | 46.88 | 74.00            | 54.00 | 7.21     | 7.12 |

Test mode: 802.11a Frequency: Channel 120: 5600MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11485.7        | V        | 62.82                     | 48.83 | 74.00            | 54.00 | 11.18    | 5.17 |
| 15100.0        | V        | 63.40                     | 47.35 | 74.00            | 54.00 | 10.60    | 6.65 |
| 17498.2        | V        | 66.80                     | 47.64 | 74.00            | 54.00 | 7.20     | 6.36 |
| 11477.2        | H        | 59.72                     | 48.76 | 74.00            | 54.00 | 14.28    | 5.24 |
| 14691.8        | H        | 62.37                     | 48.16 | 74.00            | 54.00 | 11.63    | 5.84 |
| 17498.2        | H        | 66.83                     | 47.64 | 74.00            | 54.00 | 7.17     | 6.36 |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11536.7        | V        | 59.98                     | 48.78 | 74.00            | 54.00 | 14.02    | 5.22 |
| 14581.2        | V        | 63.14                     | 49.67 | 74.00            | 54.00 | 10.86    | 4.33 |
| 17523.7        | V        | 66.64                     | 46.38 | 74.00            | 54.00 | 7.36     | 7.62 |
| 11171.0        | H        | 59.77                     | 47.82 | 74.00            | 54.00 | 14.23    | 6.18 |
| 14547.2        | H        | 62.82                     | 49.23 | 74.00            | 54.00 | 11.18    | 4.77 |
| 17506.7        | H        | 65.98                     | 46.88 | 74.00            | 54.00 | 8.02     | 7.12 |

**Note:**

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant\_F + Cab\_L - Preamp
- (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 100: 5500MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5445.48     | H        | 53.10                                | -42.13        | -27         | Pass    |
| 5439.01     | V        | 53.53                                | -41.7         | -27         | Pass    |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5739.45     | H        | 53.87                                | -41.36        | -27         | Pass    |
| 5728.37     | V        | 53.83                                | -41.4         | -27         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 100: 5500MHz

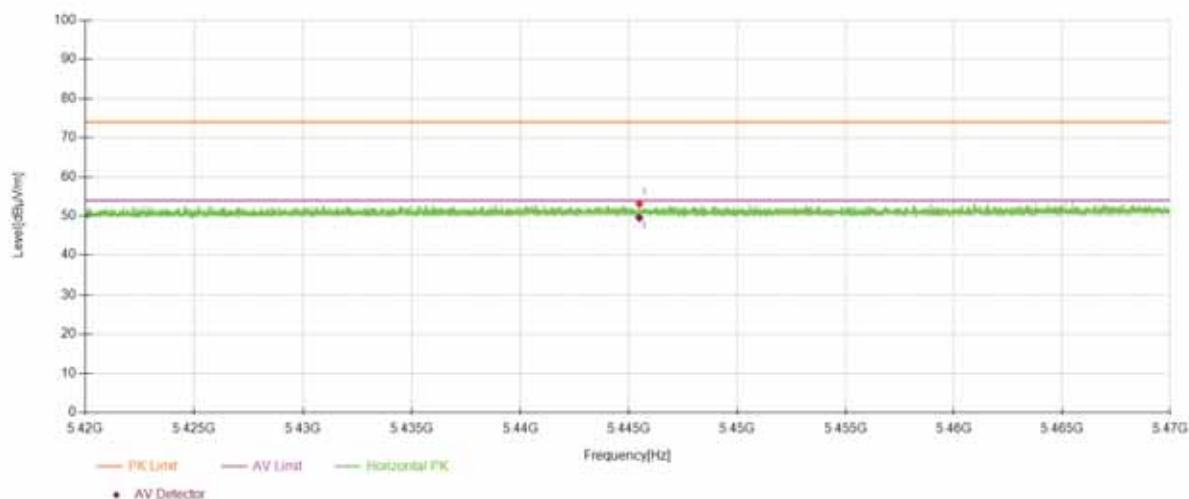
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5445.48         | H        | 53.10                 | 74                | 49.55                 | 54                |
| 5439.01         | V        | 53.53                 | 74                | 47.16                 | 54                |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

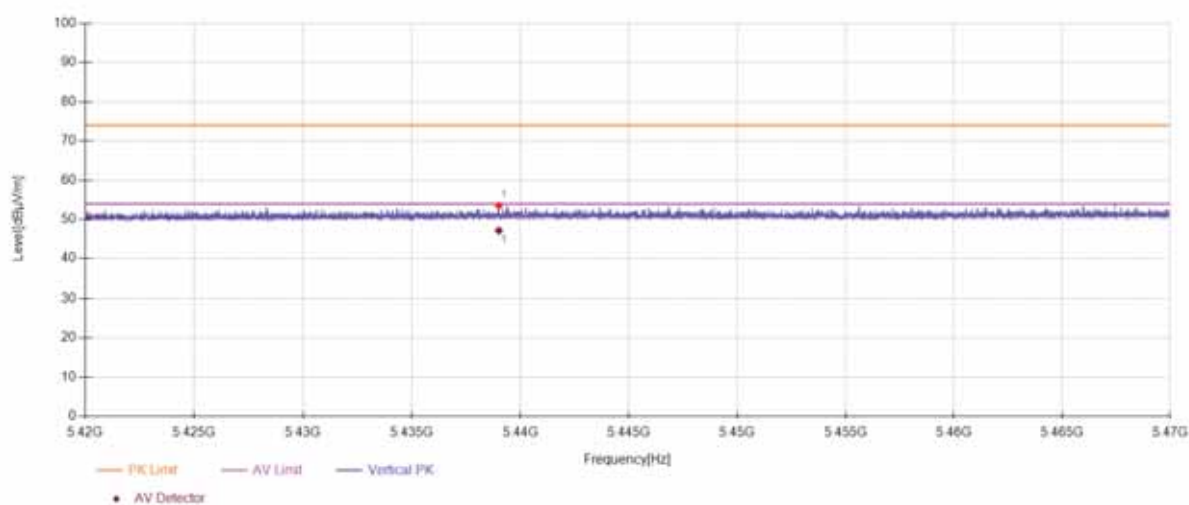
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5739.45         | H        | 53.87                 | 74                | 47.73                 | 54                |
| 5728.37         | V        | 53.83                 | 74                | 47.86                 | 54                |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Correct Factor.  
 (3) Correct Factor= Ant\_F + Cab\_L - Preamp  
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

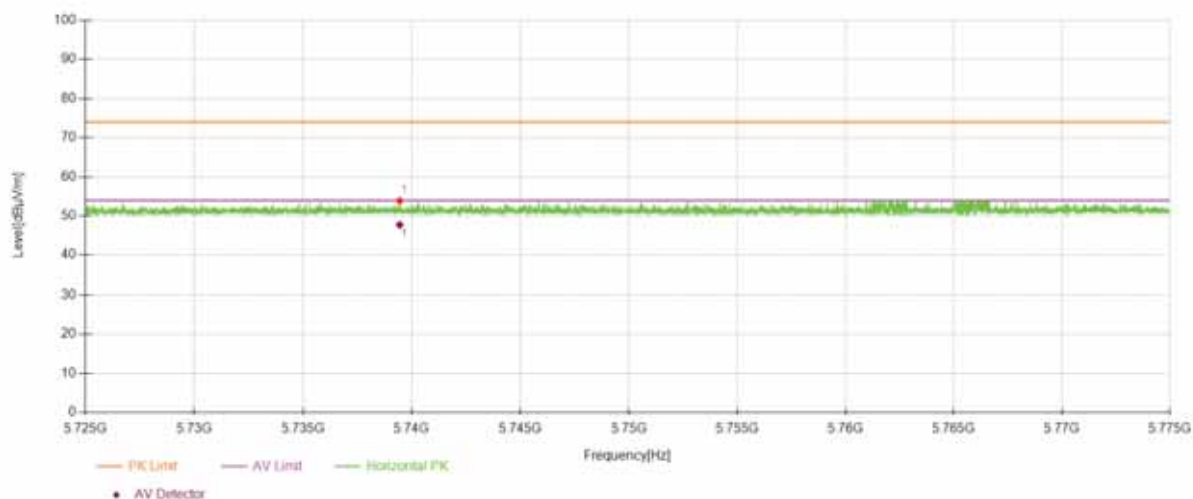
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 100: 5500MHz | Ant.Pol                        | H |



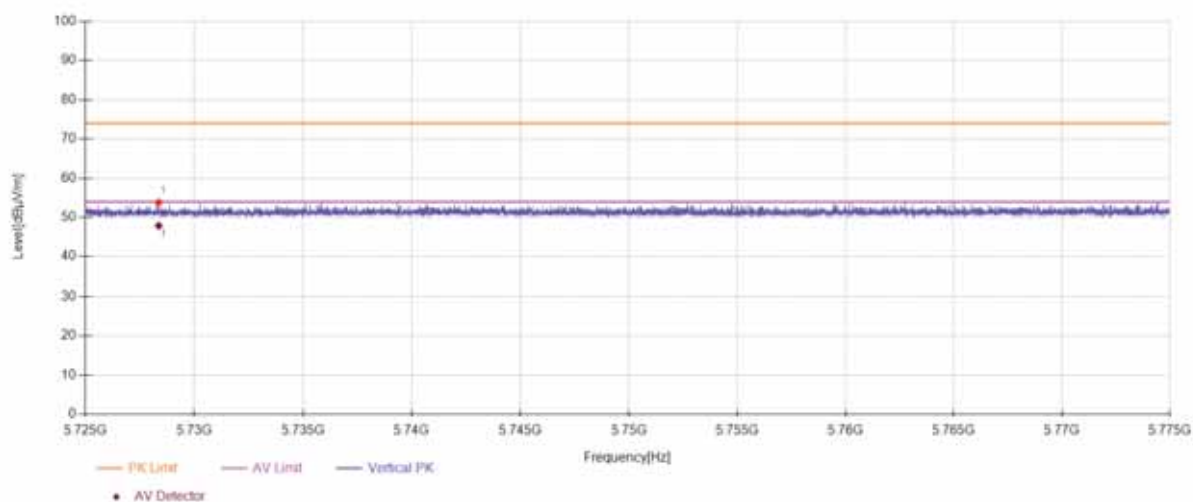
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 100: 5500MHz | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 140: 5700MHz | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 140: 5700MHz | Ant.Pol                        | V |



**BL-M8832AUI**

Test mode: 802.11a Frequency: Channel 100: 5500MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5437.91     | H        | 53.38                                | -41.85        | -27         | Pass    |
| 5438.87     | V        | 53.39                                | -41.84        | -27         | Pass    |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5741.84     | H        | 54.73                                | -40.5         | -27         | Pass    |
| 5742.35     | V        | 54.61                                | -40.62        | -27         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 100: 5500MHz

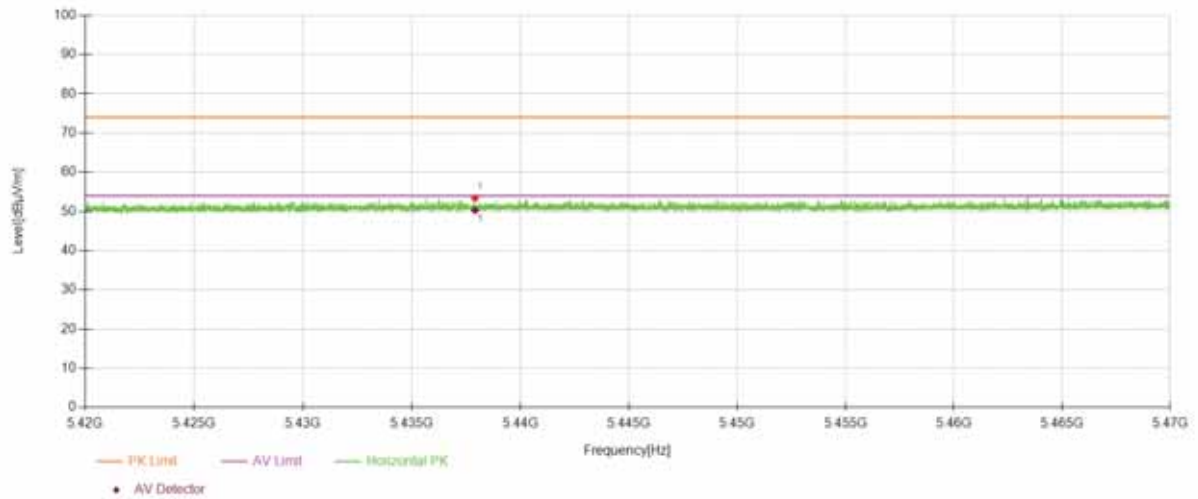
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5437.91         | H        | 53.38                 | 74                | 50.34                 | 54                |
| 5438.87         | V        | 53.39                 | 74                | 47.02                 | 54                |

Test mode: 802.11a Frequency: Channel 140: 5700MHz

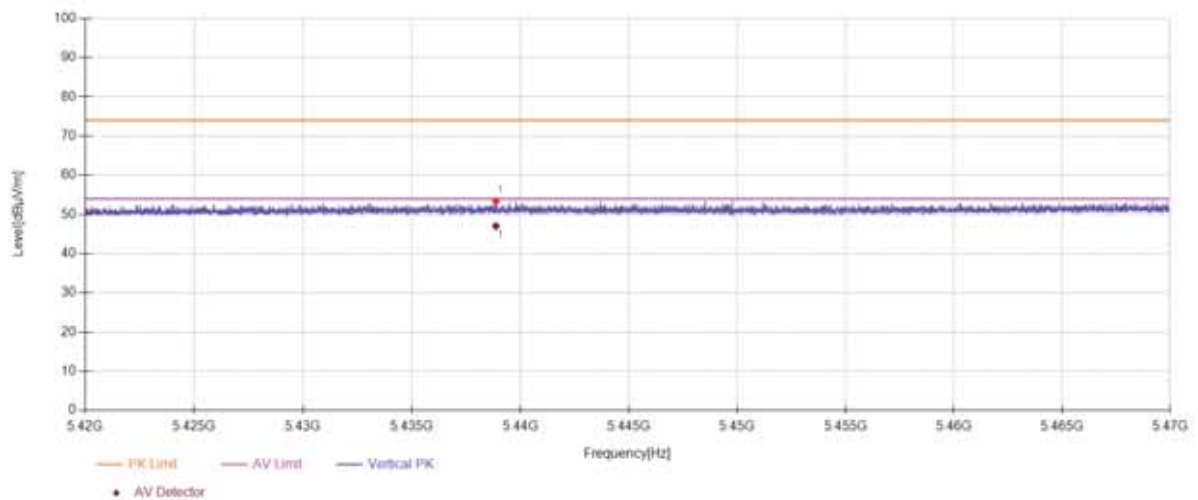
| Frequency (MHz) | Polarity | PK(dBuV/m) (VBW=3MHz) | Limit 3m (dBuV/m) | AV(dBuV/m) (VBW=10Hz) | Limit 3m (dBuV/m) |
|-----------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| 5741.84         | H        | 54.73                 | 74                | 47.74                 | 54                |
| 5742.35         | V        | 54.61                 | 74                | 47.70                 | 54                |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Correct Factor.  
 (3) Correct Factor= Ant\_F + Cab\_L - Preamp  
 (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

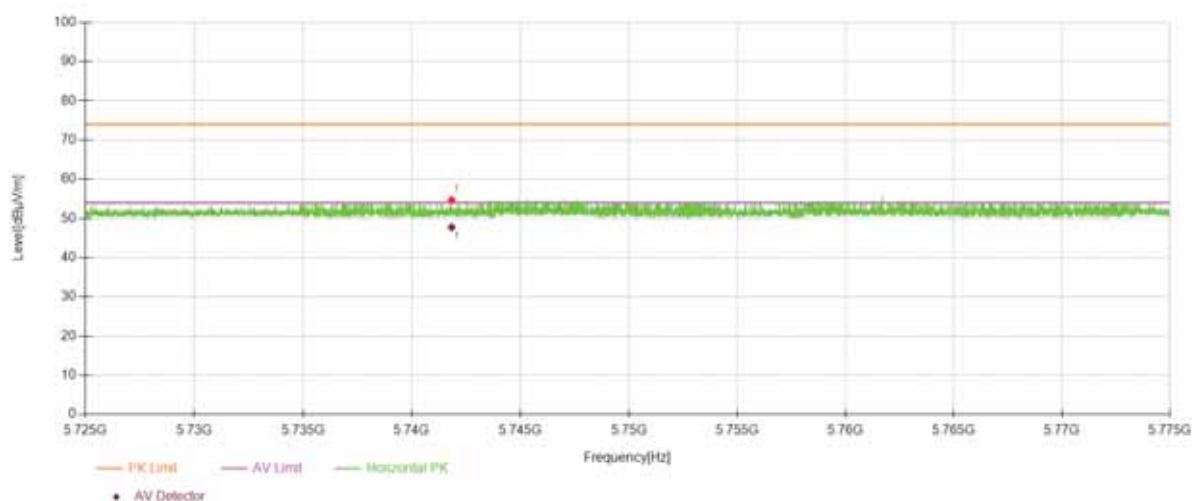
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 100: 5500MHz | Ant.Pol                        | H |



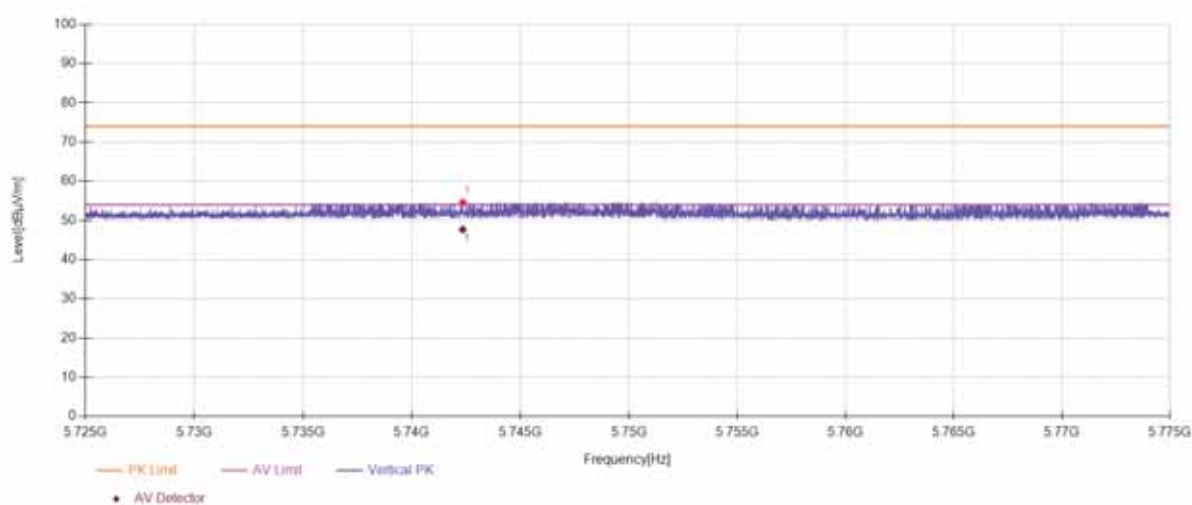
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 100: 5500MHz | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 140: 5700MHz | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -2C  |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 140: 5700MHz | Ant.Pol                        | V |



■ For Undesirable radiated Spurious Emission in U-NII -3

● Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 149: 5745MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11493.2     | V        | 60.07                   | -35.16        | -27         | 8.16     |
| 14604.2     | V        | 62.72                   | -32.51        | -27         | 5.51     |
| 17487.8     | V        | 67.53                   | -27.7         | -27         | 0.7      |
| 11408.2     | H        | 59.79                   | -35.44        | -27         | 8.44     |
| 14523.5     | H        | 62.86                   | -32.37        | -27         | 5.37     |
| 17507       | H        | 67.25                   | -27.98        | -27         | 0.98     |

Test mode: 802.11a Frequency: Channel 157: 5785MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11489       | V        | 60.14                   | -35.09        | -27         | 8.09     |
| 14578.7     | V        | 62.39                   | -32.84        | -27         | 5.84     |
| 17498.5     | V        | 68.13                   | -27.1         | -27         | 0.1      |
| 11469.8     | H        | 60.04                   | -35.19        | -27         | 8.19     |
| 14623.3     | H        | 62.24                   | -32.99        | -27         | 5.99     |
| 17502.7     | H        | 67.87                   | -27.36        | -27         | 0.36     |

Test mode: 802.11a Frequency: Channel 165: 5825MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11514.5     | V        | 59.65                   | -35.58        | -27         | 8.58     |
| 14680.7     | V        | 62.76                   | -32.47        | -27         | 5.47     |
| 17492.6     | V        | 64.32                   | -30.91        | -27         | 3.91     |
| 11533.6     | H        | 59.45                   | -35.78        | -27         | 8.78     |
| 14629.7     | H        | 62.90                   | -32.33        | -27         | 5.33     |
| 17519.7     | H        | 67.82                   | -27.41        | -27         | 0.41     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 149: 5745MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11493.2        | V        | 60.07                     | 49.56 | 74.00            | 54.00 | 13.93    | 4.44 |
| 14604.2        | V        | 62.72                     | 49.88 | 74.00            | 54.00 | 11.28    | 4.12 |
| 17487.8        | V        | 67.53                     | 46.68 | 74.00            | 54.00 | 6.47     | 7.32 |
| 11408.2        | H        | 59.79                     | 48.25 | 74.00            | 54.00 | 14.21    | 5.75 |
| 14523.5        | H        | 62.86                     | 48.89 | 74.00            | 54.00 | 11.14    | 5.11 |
| 17507          | H        | 67.25                     | 47.02 | 74.00            | 54.00 | 6.75     | 6.98 |

Test mode: 802.11a Frequency: Channel 157: 5785MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11489          | V        | 60.14                     | 48.99 | 74.00            | 54.00 | 13.86    | 5.01 |
| 14578.7        | V        | 62.39                     | 49.68 | 74.00            | 54.00 | 11.61    | 4.32 |
| 17498.5        | V        | 68.13                     | 46.83 | 74.00            | 54.00 | 5.87     | 7.17 |
| 11469.8        | H        | 60.04                     | 49.12 | 74.00            | 54.00 | 13.96    | 4.88 |
| 14623.3        | H        | 62.24                     | 49.50 | 74.00            | 54.00 | 11.76    | 4.50 |
| 17502.7        | H        | 67.87                     | 47.44 | 74.00            | 54.00 | 6.13     | 6.56 |

Test mode:: 802.11a Frequency: Channel 165: 5825MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11514.5        | V        | 59.65                     | 49.67 | 74.00            | 54.00 | 14.35    | 4.33 |
| 14680.7        | V        | 62.76                     | 48.38 | 74.00            | 54.00 | 11.24    | 5.62 |
| 17496.3        | V        | 68.59                     | 47.35 | 74.00            | 54.00 | 5.41     | 6.65 |
| 11533.6        | H        | 59.45                     | 49.37 | 74.00            | 54.00 | 14.55    | 4.63 |
| 14629.7        | H        | 62.90                     | 49.45 | 74.00            | 54.00 | 11.10    | 4.55 |
| 17519.7        | H        | 67.82                     | 46.31 | 74.00            | 54.00 | 6.18     | 7.69 |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

**BL-M8832AUI**

Test mode: 802.11a Frequency: Channel 149: 5745MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11247.6     | V        | 59.62                   | -35.61        | -27         | 8.61     |
| 14564.2     | V        | 62.90                   | -32.33        | -27         | 5.33     |
| 17498.2     | V        | 67.17                   | -28.06        | -27         | 1.06     |
| 11536.7     | H        | 60.05                   | -35.18        | -27         | 8.18     |
| 14598.2     | H        | 63.23                   | -32           | -27         | 5        |
| 17489.7     | H        | 66.93                   | -28.3         | -27         | 1.3      |

Test mode: 802.11a Frequency: Channel 157: 5785MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11528.2     | V        | 59.39                   | -35.84        | -27         | 8.84     |
| 14725.8     | V        | 62.96                   | -32.27        | -27         | 5.27     |
| 17489.7     | V        | 67.13                   | -28.1         | -27         | 1.1      |
| 11494.2     | H        | 59.66                   | -35.57        | -27         | 8.57     |
| 14538.7     | H        | 62.54                   | -32.69        | -27         | 5.69     |
| 17523.7     | H        | 67.71                   | -27.52        | -27         | 0.52     |

Test mode: 802.11a Frequency: Channel 165: 5825MHz

| Freq. (MHz) | Ant.Pol. | Field Strength (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Over(dB) |
|-------------|----------|-------------------------|---------------|-------------|----------|
| 11324.1     | V        | 60.02                   | -35.21        | -27         | 8.21     |
| 14615.3     | V        | 63.23                   | -32           | -27         | 5        |
| 17472.7     | V        | 67.28                   | -27.95        | -27         | 0.95     |
| 11349.6     | H        | 59.61                   | -35.62        | -27         | 8.62     |
| 14666.3     | H        | 62.82                   | -32.41        | -27         | 5.41     |
| 17498.2     | H        | 67.68                   | -27.55        | -27         | 0.55     |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

Test mode: 802.11a Frequency: Channel 149: 5745MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11247.6        | V        | 59.62                     | 48.26 | 74.00            | 54.00 | 14.38    | 5.74 |
| 14564.2        | V        | 62.90                     | 49.54 | 74.00            | 54.00 | 11.10    | 4.46 |
| 17498.2        | V        | 67.17                     | 47.04 | 74.00            | 54.00 | 6.83     | 6.96 |
| 11536.7        | H        | 60.05                     | 49.12 | 74.00            | 54.00 | 13.95    | 4.88 |
| 14598.2        | H        | 63.23                     | 49.90 | 74.00            | 54.00 | 10.77    | 4.10 |
| 17489.7        | H        | 66.93                     | 46.62 | 74.00            | 54.00 | 7.07     | 7.38 |

Test mode: 802.11a Frequency: Channel 157: 5785MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11528.2        | V        | 59.39                     | 48.72 | 74.00            | 54.00 | 14.61    | 5.28 |
| 14725.8        | V        | 62.96                     | 47.98 | 74.00            | 54.00 | 11.04    | 6.02 |
| 17489.7        | V        | 67.13                     | 47.19 | 74.00            | 54.00 | 6.87     | 6.81 |
| 11494.2        | H        | 59.66                     | 48.92 | 74.00            | 54.00 | 14.34    | 5.08 |
| 14538.7        | H        | 62.54                     | 49.25 | 74.00            | 54.00 | 11.46    | 4.75 |
| 17523.7        | H        | 67.71                     | 46.39 | 74.00            | 54.00 | 6.29     | 7.61 |

Test mode:: 802.11a Frequency: Channel 165: 5825MHz

| Freq.<br>(MHz) | Ant.Pol. | Emission<br>Level(dBuV/m) |       | Limit 3m(dBuV/m) |       | Over(dB) |      |
|----------------|----------|---------------------------|-------|------------------|-------|----------|------|
|                | H/V      | PK                        | AV    | PK               | AV    | PK       | AV   |
| 11324.1        | V        | 60.02                     | 48.42 | 74.00            | 54.00 | 13.98    | 5.58 |
| 14615.3        | V        | 63.23                     | 49.66 | 74.00            | 54.00 | 10.77    | 4.34 |
| 17472.7        | V        | 67.28                     | 45.88 | 74.00            | 54.00 | 6.72     | 8.12 |
| 11349.6        | H        | 59.61                     | 48.27 | 74.00            | 54.00 | 14.39    | 5.73 |
| 14666.3        | H        | 62.82                     | 48.97 | 74.00            | 54.00 | 11.18    | 5.03 |
| 17498.2        | H        | 67.68                     | 47.04 | 74.00            | 54.00 | 6.32     | 6.96 |

**Note:**

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant\_F + Cab\_L - Preamp
- (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

● Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7**

Test mode: 802.11a Frequency: Channel 149: 5745MHz

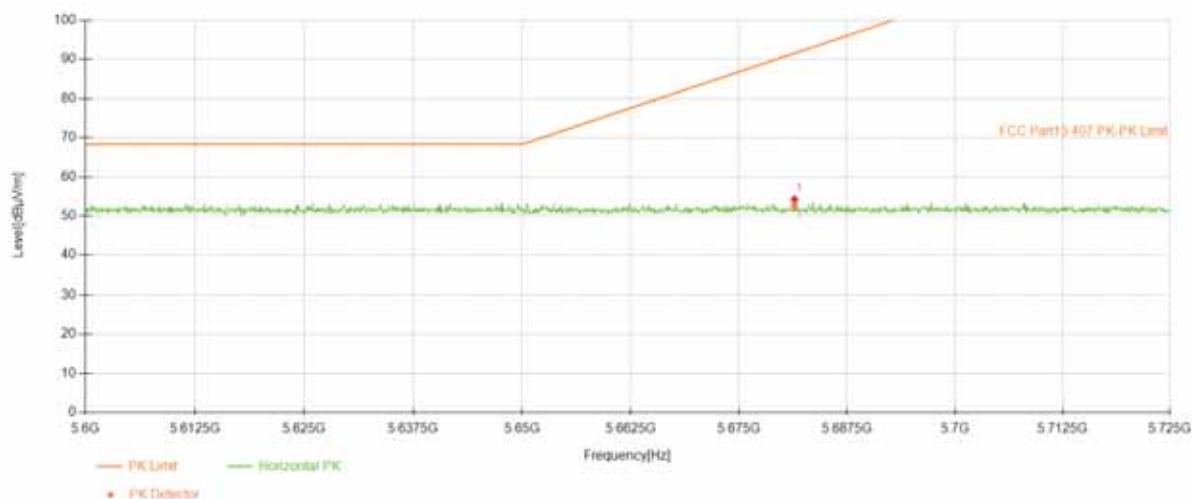
| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5681.41     | H        | 54.25                                | -40.98        | -3.64       | Pass    |
| 5676.16     | V        | 54.02                                | -41.21        | -7.53       | Pass    |

Test mode: 802.11a Frequency: Channel 165: 5825MHz

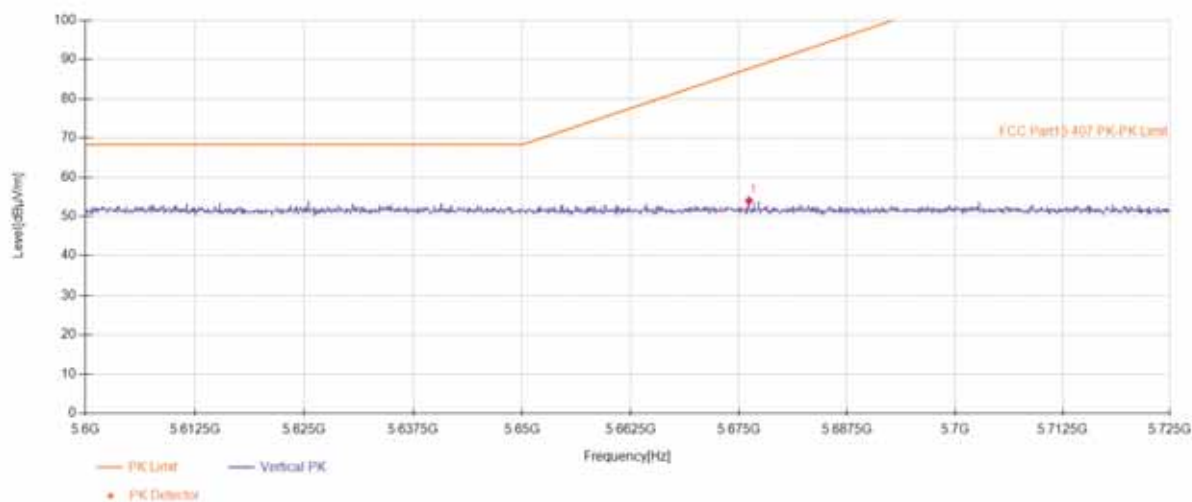
| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5904.21     | H        | 53.79                                | -41.44        | -11.59      | Pass    |
| 5915.28     | V        | 53.76                                | -41.47        | -19.76      | Pass    |

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Probe Factor +Cable Loss.
  - (3)  $EIRP[dBm] = E[dBuV/m] + 20 \log(d[meters]) - 104.77$   
d is the measurement distance in 3 meters

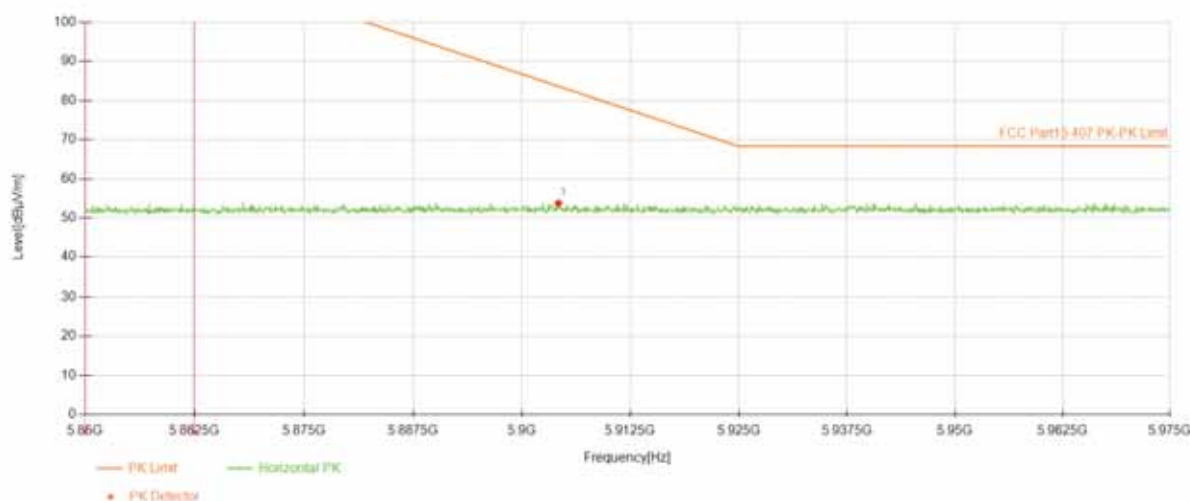
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 149: 5745MHz | Ant.Pol                        | H |



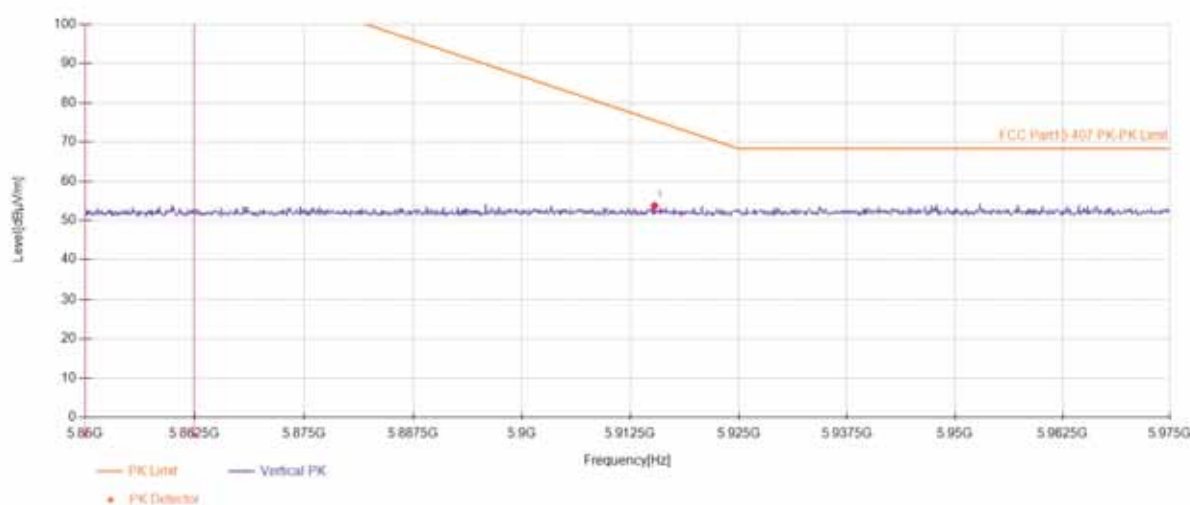
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 149: 5745MHz | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 165: 5825MHz | Ant.Pol                        | H |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 165: 5825MHz | Ant.Pol                        | V |



# BL-M8832AUI

Test mode: 802.11a Frequency: Channel 149: 5745MHz

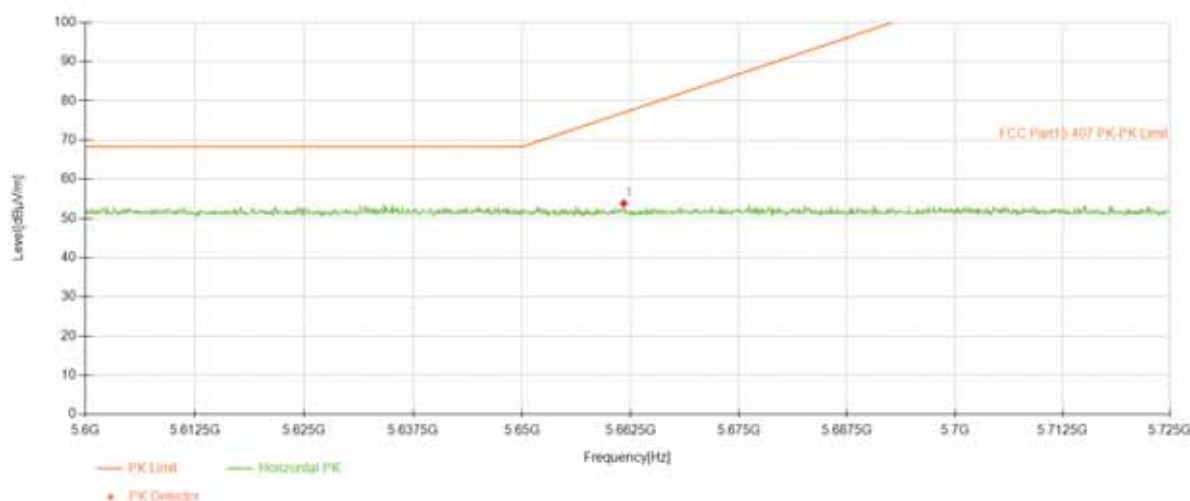
| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5661.71     | H        | 53.84                                | -41.39        | -18.23      | Pass    |
| 5671.72     | V        | 53.17                                | -42.06        | -10.81      | Pass    |

Test mode: 802.11a Frequency: Channel 165: 5825MHz

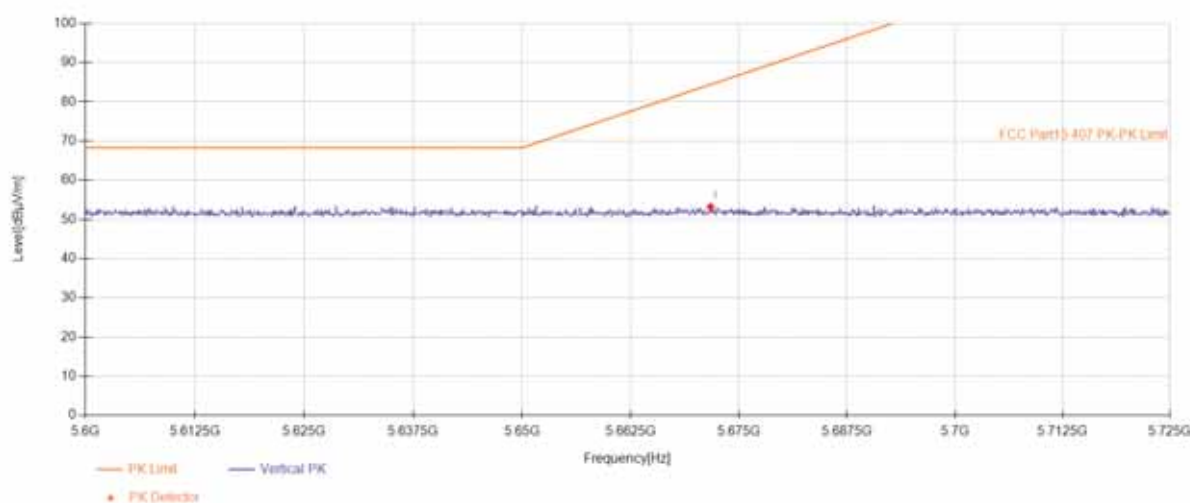
| Freq. (MHz) | Ant.Pol. | Field Strength (RBW=100KHz) (dBuV/m) | E.I.R.P (dBm) | Limit (dBm) | Verdict |
|-------------|----------|--------------------------------------|---------------|-------------|---------|
| 5871.44     | H        | 54.05                                | -41.18        | 11.06       | Pass    |
| 5885.33     | V        | 53.60                                | -41.63        | 2.4         | Pass    |

**Note:** (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).  
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.  
 (3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters]) - 104.77  
 d is the measurement distance in 3 meters

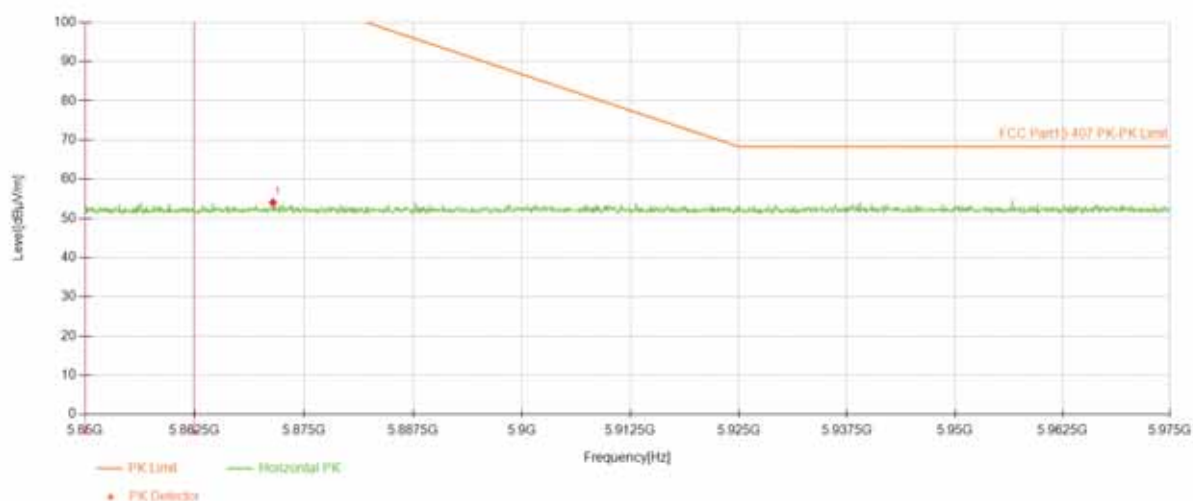
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 149: 5745MHz | Ant.Pol                        | H |



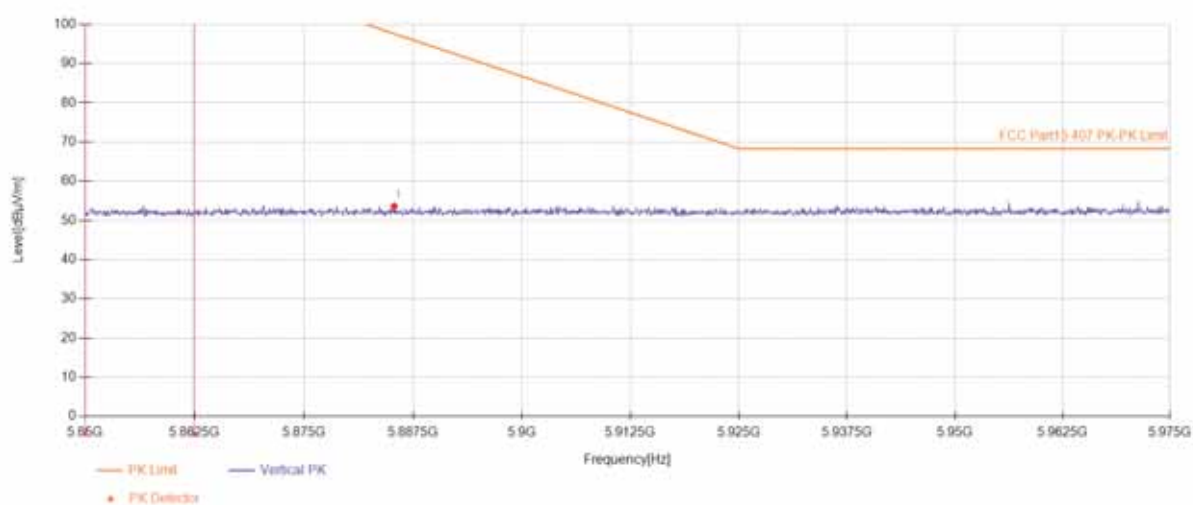
|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 149: 5745MHz | Ant.Pol                        | V |



|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 165: 5825MHz | Ant.Pol                        | H |

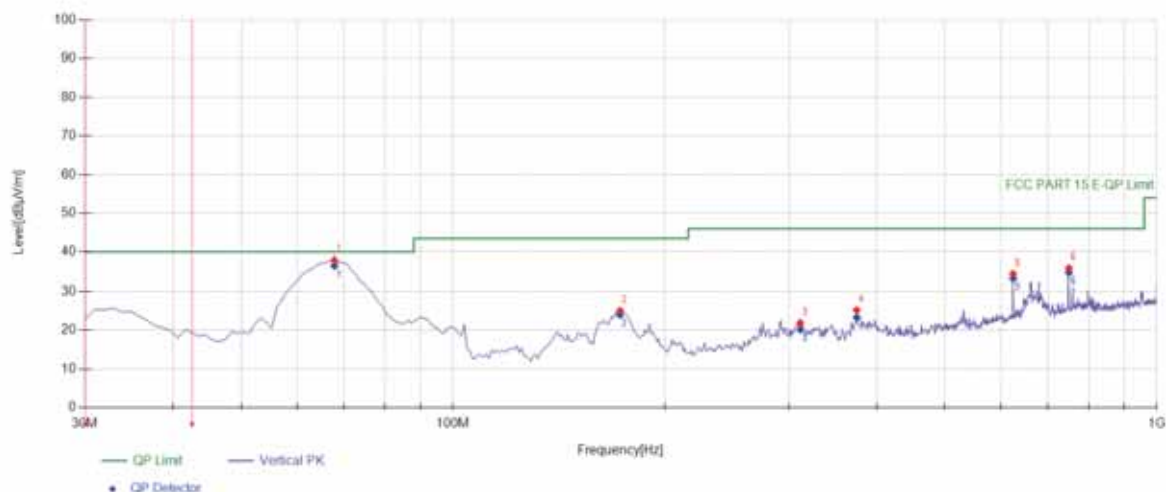


|            |                      |                      |                                |   |
|------------|----------------------|----------------------|--------------------------------|---|
| U-NII -3   |                      |                      |                                |   |
| Test Model | Undesirable radiated | Undesirable radiated | Spurious Emission in Band Edge |   |
|            | 802.11a              | Channel 165: 5825MHz | Ant.Pol                        | V |



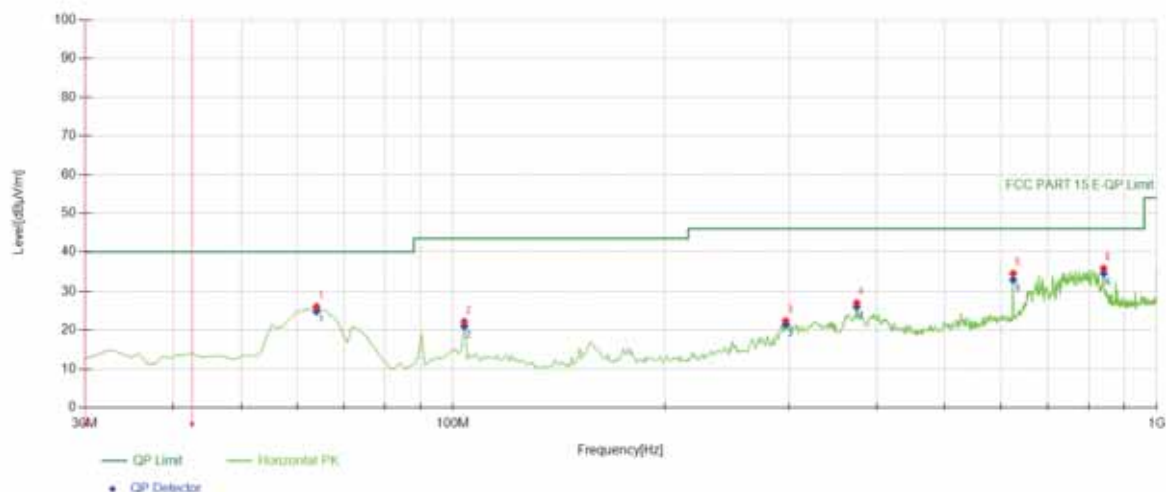
- Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)  
All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1&2, 802.11a) result recorded was report as below:

**BL-M7621AX7  
5180**



**Suspected Data List**

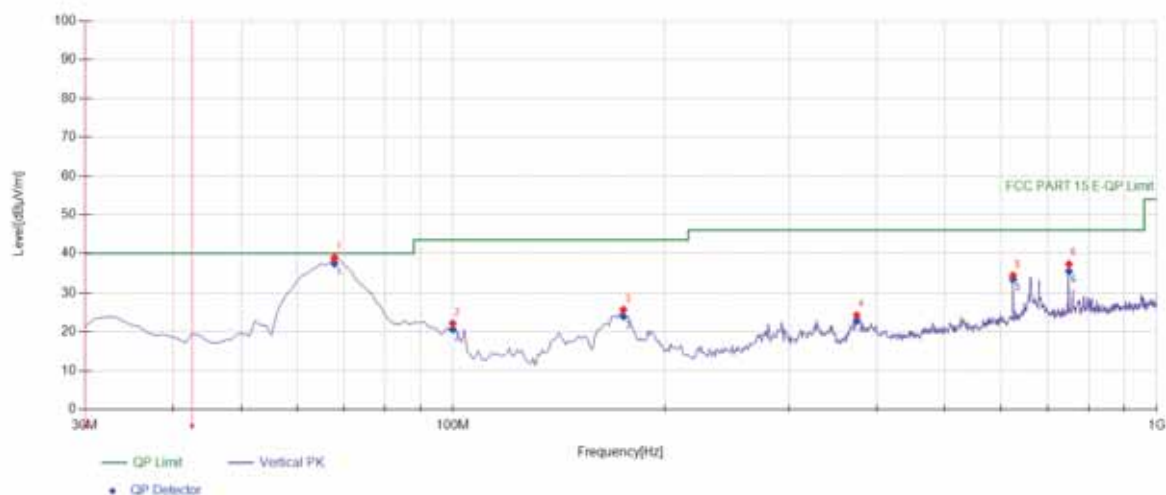
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|----------|
| 1   | 67.8679     | 57.74          | -19.66        | 38.08          | PK       | 40.00          | 1.92        | Vertical |
| 2   | 172.732     | 43.86          | -18.80        | 25.06          | PK       | 43.50          | 18.44       | Vertical |
| 3   | 311.581     | 36.06          | -14.15        | 21.91          | PK       | 46.00          | 24.09       | Vertical |
| 4   | 374.694     | 37.44          | -12.26        | 25.18          | PK       | 46.00          | 20.82       | Vertical |
| 5   | 625.205     | 41.49          | -6.92         | 34.57          | PK       | 46.00          | 11.43       | Vertical |
| 6   | 750.460     | 41.39          | -5.33         | 36.06          | PK       | 46.00          | 9.94        | Vertical |



Suspected Data List

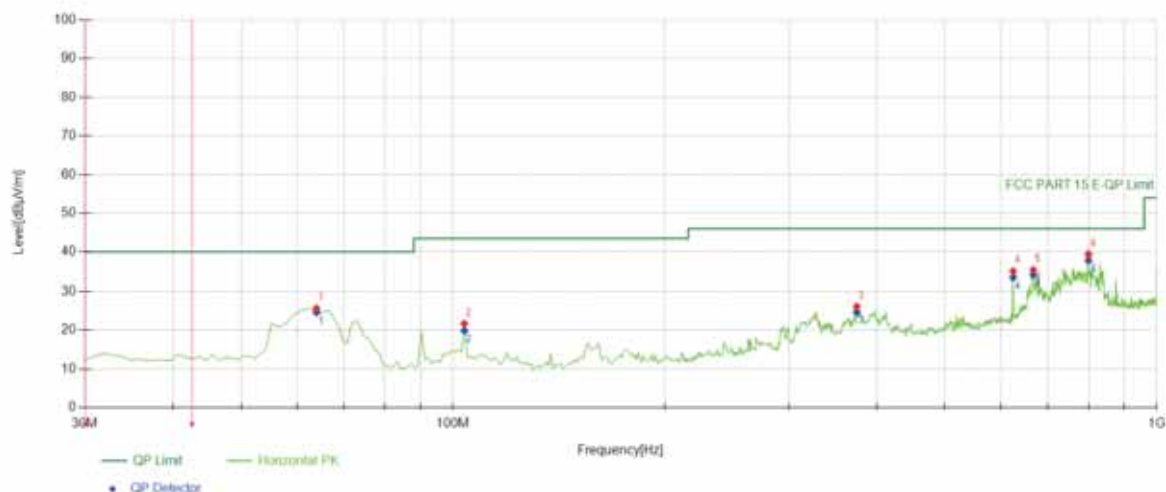
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|------------|
| 1   | 63.984      | 45.20          | -19.11        | 26.09          | PK       | 40.00          | 13.91       | Horizontal |
| 2   | 103.793     | 39.25          | -17.00        | 22.25          | PK       | 43.50          | 21.25       | Horizontal |
| 3   | 297.017     | 36.61          | -14.15        | 22.46          | PK       | 46.00          | 23.54       | Horizontal |
| 4   | 374.694     | 39.32          | -12.26        | 27.06          | PK       | 46.00          | 18.94       | Horizontal |
| 5   | 625.205     | 41.60          | -6.92         | 34.68          | PK       | 46.00          | 11.32       | Horizontal |
| 6   | 840.760     | 39.87          | -3.86         | 36.01          | PK       | 46.00          | 9.99        | Horizontal |

5200



Suspected Data List

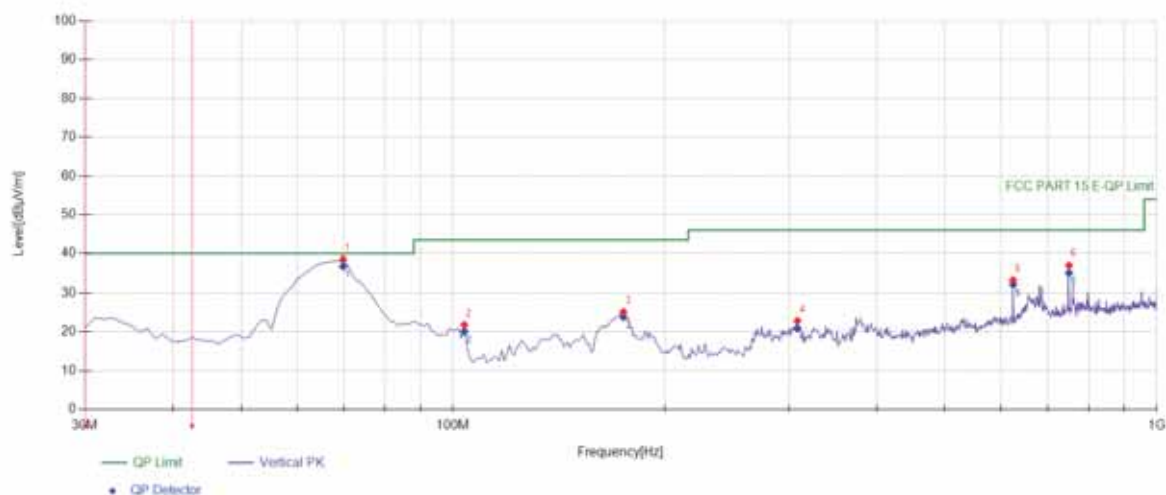
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|----------|
| 1   | 67.8679     | 58.59          | -19.66        | 38.93          | PK       | 40.00          | 1.07        | Vertical |
| 2   | 99.9099     | 39.04          | -16.82        | 22.22          | PK       | 43.50          | 21.28       | Vertical |
| 3   | 174.674     | 44.43          | -18.69        | 25.74          | PK       | 43.50          | 17.76       | Vertical |
| 4   | 374.694     | 36.56          | -12.26        | 24.30          | PK       | 46.00          | 21.70       | Vertical |
| 5   | 625.205     | 41.50          | -6.92         | 34.58          | PK       | 46.00          | 11.42       | Vertical |
| 6   | 750.460     | 42.82          | -5.33         | 37.49          | PK       | 46.00          | 8.51        | Vertical |



Suspected Data List

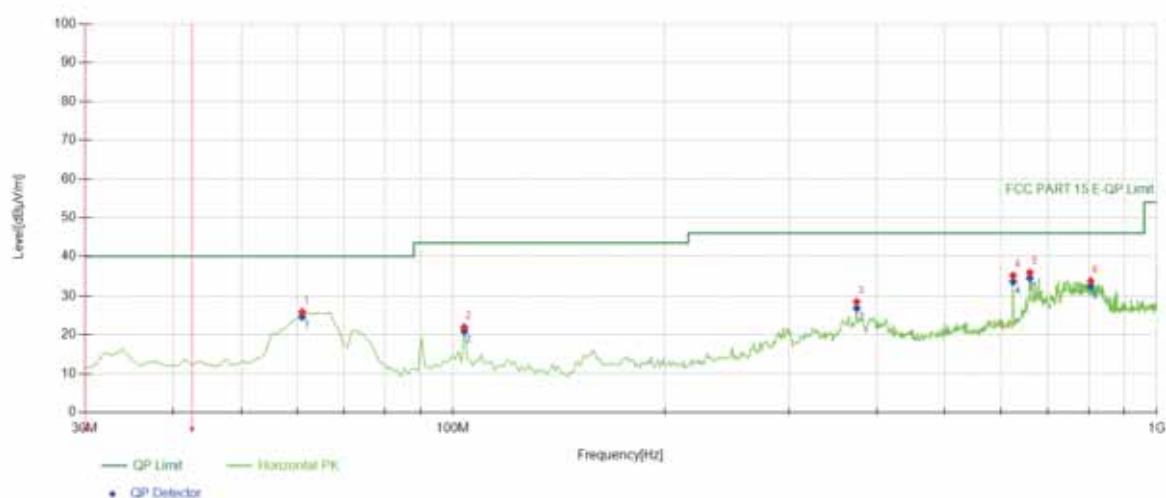
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|------------|
| 1   | 63.984      | 44.76          | -19.11        | 25.65          | PK       | 40.00          | 14.35       | Horizontal |
| 2   | 103.793     | 38.73          | -17.00        | 21.73          | PK       | 43.50          | 21.77       | Horizontal |
| 3   | 374.694     | 38.39          | -12.26        | 26.13          | PK       | 46.00          | 19.87       | Horizontal |
| 4   | 625.205     | 42.19          | -6.92         | 35.27          | PK       | 46.00          | 10.73       | Horizontal |
| 5   | 667.927     | 41.74          | -6.15         | 35.59          | PK       | 46.00          | 10.41       | Horizontal |
| 6   | 799.98      | 43.86          | -4.42         | 39.44          | PK       | 46.00          | 6.56        | Horizontal |

5240



Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|----------|
| 1   | 69.8098     | 58.53          | -19.94        | 38.59          | PK       | 40.00          | 1.41        | Vertical |
| 2   | 103.793     | 38.81          | -17.00        | 21.81          | PK       | 43.50          | 21.69       | Vertical |
| 3   | 174.674     | 43.85          | -18.69        | 25.16          | PK       | 43.50          | 18.34       | Vertical |
| 4   | 308.668     | 37.02          | -14.15        | 22.87          | PK       | 46.00          | 23.13       | Vertical |
| 5   | 625.205     | 40.27          | -6.92         | 33.35          | PK       | 46.00          | 12.65       | Vertical |
| 6   | 750.460     | 42.49          | -5.33         | 37.16          | PK       | 46.00          | 8.84        | Vertical |

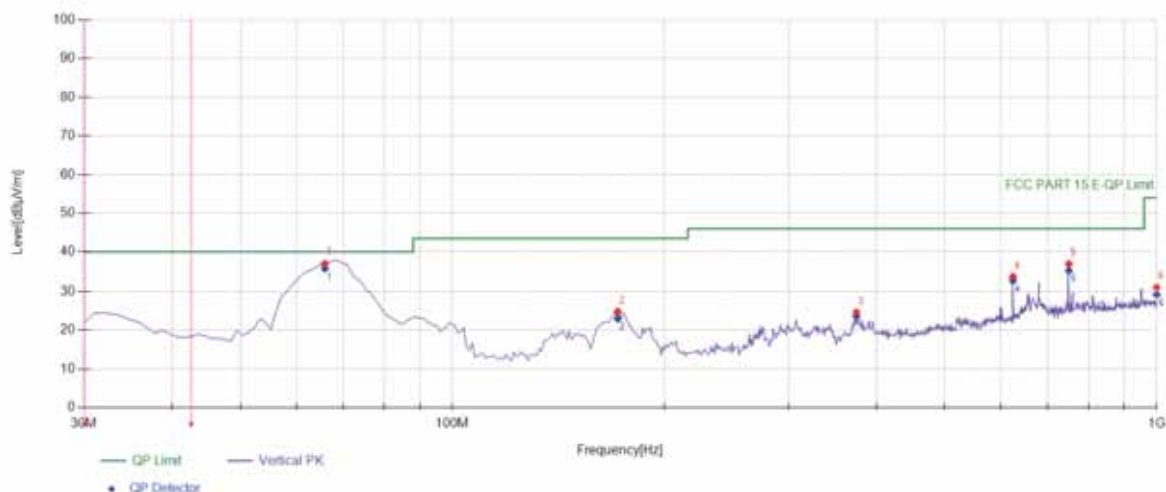


**Suspected Data List**

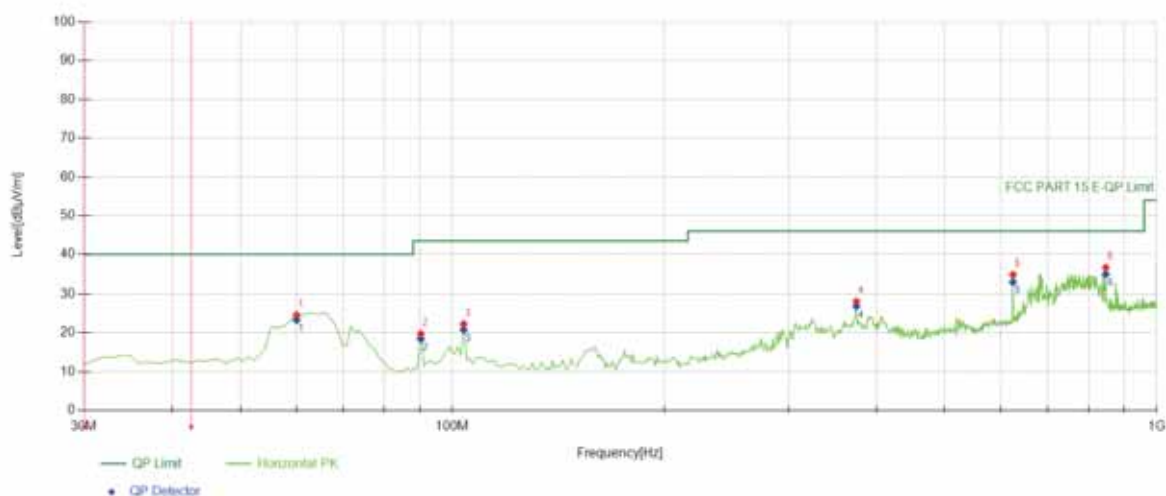
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|------------|
| 1   | 61.0711     | 44.60          | -18.70        | 25.90          | PK       | 40.00          | 14.10       | Horizontal |
| 2   | 103.793     | 38.98          | -17.00        | 21.98          | PK       | 43.50          | 21.52       | Horizontal |
| 3   | 374.694     | 40.81          | -12.26        | 28.55          | PK       | 46.00          | 17.45       | Horizontal |
| 4   | 625.205     | 42.27          | -6.92         | 35.35          | PK       | 46.00          | 10.65       | Horizontal |
| 5   | 660.160     | 42.25          | -6.13         | 36.12          | PK       | 46.00          | 9.88        | Horizontal |
| 6   | 805.805     | 38.26          | -4.37         | 33.89          | PK       | 46.00          | 12.11       | Horizontal |

BL-M8832AU1

5180

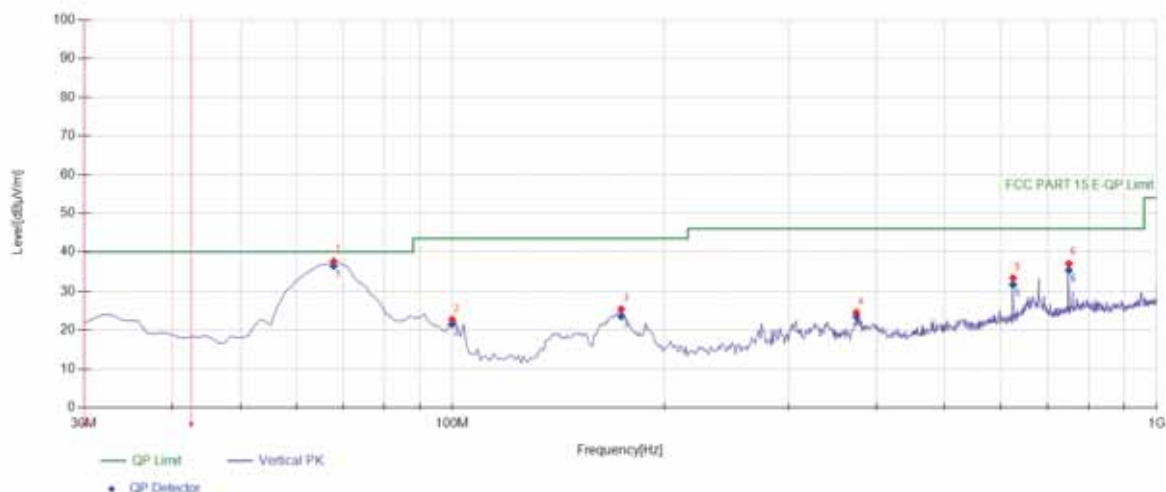


| Suspected Data List |             |                |               |                |          |                |             |          |
|---------------------|-------------|----------------|---------------|----------------|----------|----------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1                   | 65.9259     | 56.60          | -19.39        | 37.21          | PK       | 40.00          | 2.79        | Vertical |
| 2                   | 171.761     | 43.73          | -18.86        | 24.87          | PK       | 43.50          | 18.63       | Vertical |
| 3                   | 374.694     | 36.88          | -12.26        | 24.62          | PK       | 46.00          | 21.38       | Vertical |
| 4                   | 625.205     | 40.78          | -6.92         | 33.86          | PK       | 46.00          | 12.14       | Vertical |
| 5                   | 750.460     | 42.45          | -5.33         | 37.12          | PK       | 46.00          | 8.88        | Vertical |
| 6                   | 1000        | 32.79          | -1.72         | 31.07          | PK       | 54.00          | 22.93       | Vertical |

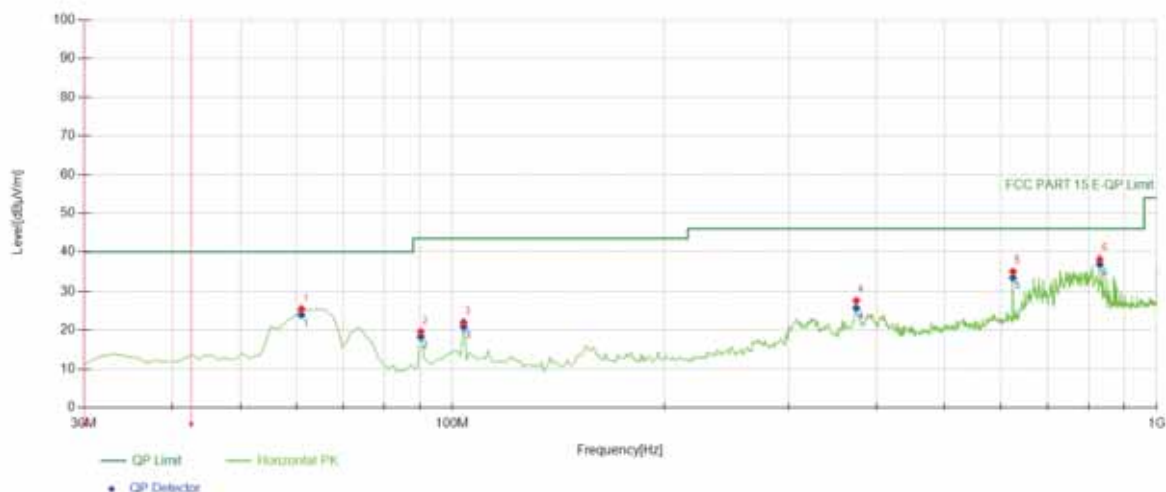


| Suspected Data List |             |                |               |                |          |                |             |            |
|---------------------|-------------|----------------|---------------|----------------|----------|----------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1                   | 60.1001     | 43.20          | -18.56        | 24.64          | PK       | 40.00          | 15.36       | Horizontal |
| 2                   | 90.2002     | 38.88          | -19.12        | 19.76          | PK       | 43.50          | 23.74       | Horizontal |
| 3                   | 103.793     | 39.31          | -17.00        | 22.31          | PK       | 43.50          | 21.19       | Horizontal |
| 4                   | 374.694     | 40.40          | -12.26        | 28.14          | PK       | 46.00          | 17.86       | Horizontal |
| 5                   | 625.205     | 41.94          | -6.92         | 35.02          | PK       | 46.00          | 10.98       | Horizontal |
| 6                   | 846.586     | 40.68          | -3.82         | 36.86          | PK       | 46.00          | 9.14        | Horizontal |

5200



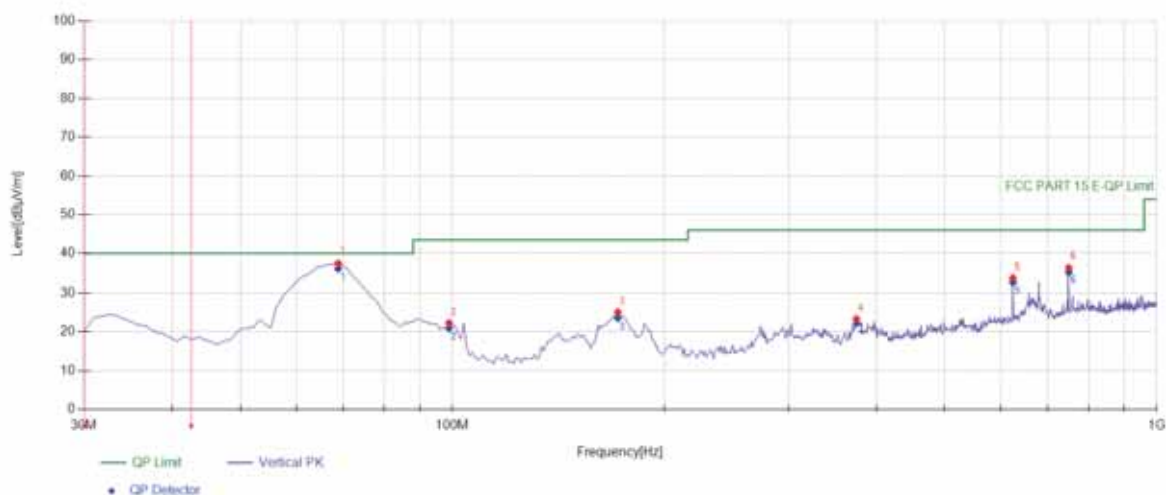
| Suspected Data List |             |                |               |                |          |                |             |          |
|---------------------|-------------|----------------|---------------|----------------|----------|----------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1                   | 67.8679     | 57.50          | -19.66        | 37.84          | PK       | 40.00          | 2.16        | Vertical |
| 2                   | 99.9099     | 39.60          | -16.82        | 22.78          | PK       | 43.50          | 20.72       | Vertical |
| 3                   | 173.703     | 44.22          | -18.75        | 25.47          | PK       | 43.50          | 18.03       | Vertical |
| 4                   | 374.694     | 36.87          | -12.26        | 24.61          | PK       | 46.00          | 21.39       | Vertical |
| 5                   | 625.205     | 40.41          | -6.92         | 33.49          | PK       | 46.00          | 12.51       | Vertical |
| 6                   | 750.460     | 42.54          | -5.33         | 37.21          | PK       | 46.00          | 8.79        | Vertical |



Suspected Data List

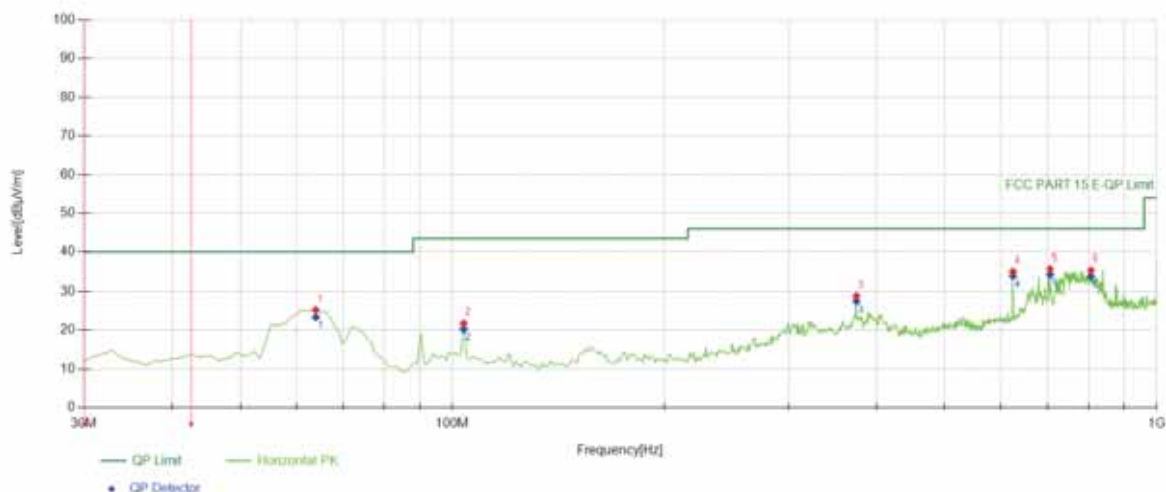
| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|------------|
| 1   | 61.0711     | 44.21          | -18.70        | 25.51          | PK       | 40.00          | 14.49       | Horizontal |
| 2   | 90.2002     | 38.76          | -19.12        | 19.64          | PK       | 43.50          | 23.86       | Horizontal |
| 3   | 103.793     | 39.07          | -17.00        | 22.07          | PK       | 43.50          | 21.43       | Horizontal |
| 4   | 374.694     | 39.92          | -12.26        | 27.66          | PK       | 46.00          | 18.34       | Horizontal |
| 5   | 625.205     | 42.07          | -6.92         | 35.15          | PK       | 46.00          | 10.85       | Horizontal |
| 6   | 830.080     | 42.37          | -4.12         | 38.25          | PK       | 46.00          | 7.75        | Horizontal |

5240



Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-------------|----------------|---------------|----------------|----------|----------------|-------------|----------|
| 1   | 68.8388     | 57.50          | -19.80        | 37.70          | PK       | 40.00          | 2.30        | Vertical |
| 2   | 98.9389     | 39.39          | -17.05        | 22.34          | PK       | 43.50          | 21.16       | Vertical |
| 3   | 171.761     | 43.98          | -18.86        | 25.12          | PK       | 43.50          | 18.38       | Vertical |
| 4   | 374.694     | 35.63          | -12.26        | 23.37          | PK       | 46.00          | 22.63       | Vertical |
| 5   | 625.205     | 40.85          | -6.92         | 33.93          | PK       | 46.00          | 12.07       | Vertical |
| 6   | 750.460     | 41.90          | -5.33         | 36.57          | PK       | 46.00          | 9.43        | Vertical |



Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Detector | Limit [dBμV/m] | S [dB] | Polarity   |
|-----|-------------|----------------|---------------|----------------|----------|----------------|--------|------------|
| 1   | 63.984      | 44.37          | -19.11        | 25.26          | PK       | 40.00          | 14.74  | Horizontal |
| 2   | 103.793     | 38.80          | -17.00        | 21.80          | PK       | 43.50          | 21.70  | Horizontal |
| 3   | 374.694     | 41.10          | -12.26        | 28.84          | PK       | 46.00          | 17.16  | Horizontal |
| 4   | 625.205     | 42.09          | -6.92         | 35.17          | PK       | 46.00          | 10.83  | Horizontal |
| 5   | 705.795     | 41.70          | -5.88         | 35.82          | PK       | 46.00          | 10.18  | Horizontal |
| 6   | 806.776     | 39.86          | -4.37         | 35.49          | PK       | 46.00          | 10.51  | Horizontal |

## 8.6 POWER LINE CONDUCTED EMISSIONS

### 8.6.1 Applicable Standard

According to FCC Part 15.207(a)

According to IC RSS-Gen 8.8

### 8.6.2 Conformance Limit

| Frequency(MHz) | Conducted Emission Limit |         |
|----------------|--------------------------|---------|
|                | Quasi-peak               | Average |
| 0.15-0.5       | 66-56                    | 56-46   |
| 0.5-5.0        | 56                       | 46      |
| 5.0-30.0       | 60                       | 50      |

Note: 1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

### 8.6.3 Test Configuration

Test according to clause 6.3 conducted emission test setup

### 8.6.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.

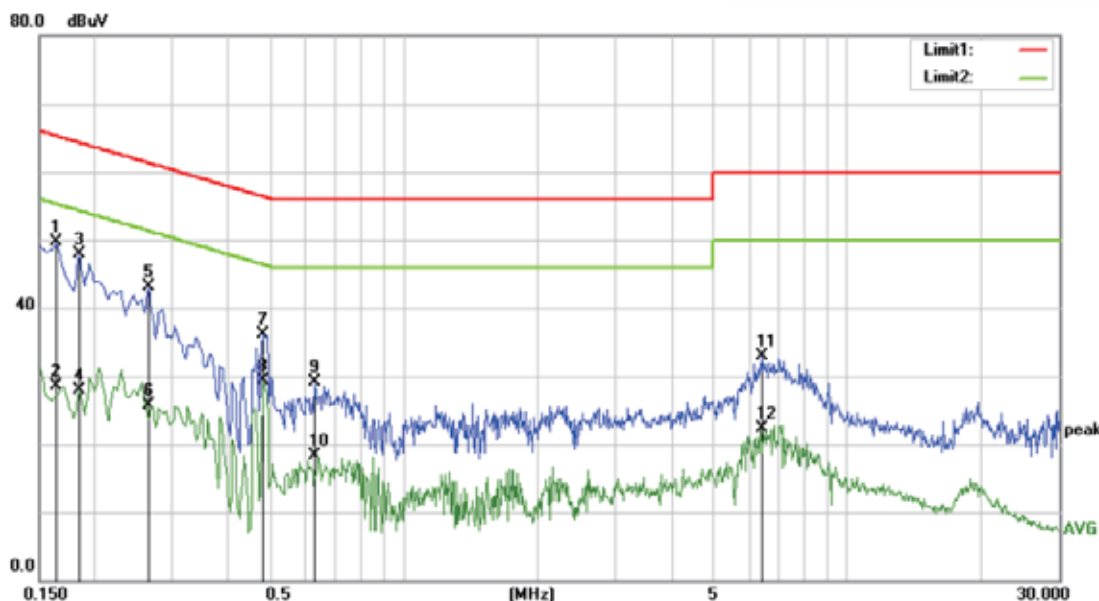
Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Repeat above procedures until all frequency measured were complete.

### 8.6.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:



Site Conduction #1

Phase: L1

Temperature: 21.9

Limit: (CE)FCC PART 15 class A\_QP

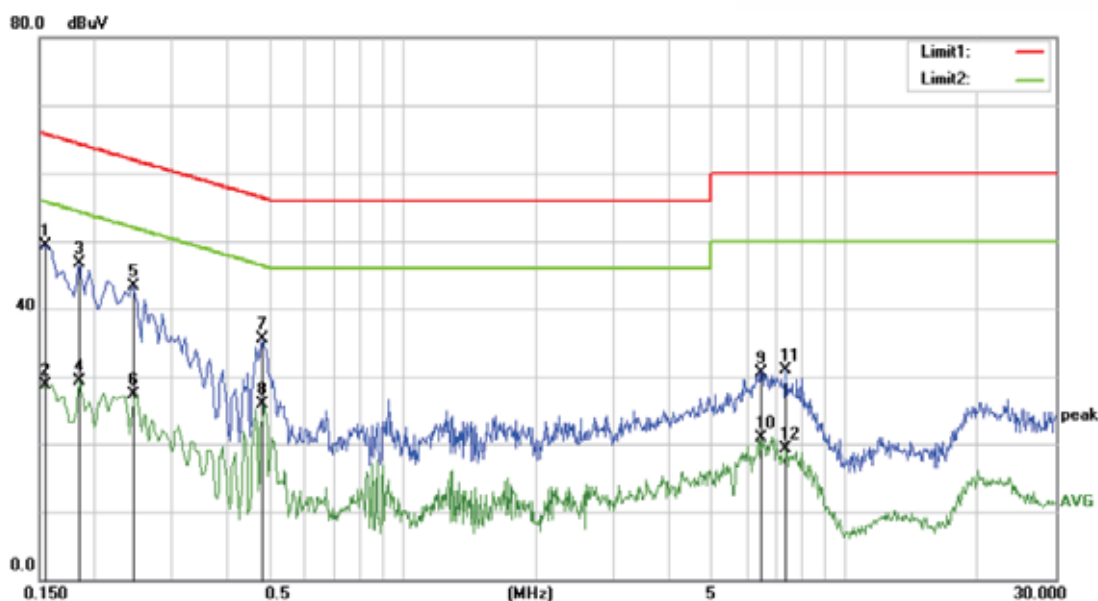
Power: AC 230V/50Hz

Humidity: 58 %

Mode: WiFi mode 3

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1   | *   | 0.1650       | 40.09                    | 9.53                    | 49.62                    | 65.21         | -15.59     | QP       |         |
| 2   |     | 0.1650       | 19.03                    | 9.53                    | 28.56                    | 55.21         | -26.65     | AVG      |         |
| 3   |     | 0.1850       | 38.45                    | 9.53                    | 47.98                    | 64.26         | -16.28     | QP       |         |
| 4   |     | 0.1850       | 18.34                    | 9.53                    | 27.87                    | 54.26         | -26.39     | AVG      |         |
| 5   |     | 0.2650       | 33.53                    | 9.53                    | 43.06                    | 61.27         | -18.21     | QP       |         |
| 6   |     | 0.2650       | 16.10                    | 9.53                    | 25.63                    | 51.27         | -25.64     | AVG      |         |
| 7   |     | 0.4800       | 26.62                    | 9.53                    | 36.15                    | 56.34         | -20.19     | QP       |         |
| 8   |     | 0.4800       | 19.74                    | 9.53                    | 29.27                    | 46.34         | -17.07     | AVG      |         |
| 9   |     | 0.6300       | 19.59                    | 9.54                    | 29.13                    | 56.00         | -26.87     | QP       |         |
| 10  |     | 0.6300       | 8.73                     | 9.54                    | 18.27                    | 46.00         | -27.73     | AVG      |         |
| 11  |     | 6.4050       | 23.30                    | 9.61                    | 32.91                    | 60.00         | -27.09     | QP       |         |
| 12  |     | 6.4050       | 12.70                    | 9.61                    | 22.31                    | 50.00         | -27.69     | AVG      |         |



Site: Conduction #1

Phase: **N**

Temperature: 21.9

Limit: (CE)FCC PART 15 class A\_QP

Power: AC 230V/50Hz

Humidity: 58 %

Mode: WiFi mode 3

Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1   | *   | 0.1550       | 39.82                    | 9.53                    | 49.35                    | 65.73         | -16.38     | QP       |         |
| 2   |     | 0.1550       | 19.22                    | 9.53                    | 28.75                    | 55.73         | -26.98     | AVG      |         |
| 3   |     | 0.1850       | 37.13                    | 9.53                    | 46.66                    | 64.26         | -17.60     | QP       |         |
| 4   |     | 0.1850       | 19.84                    | 9.53                    | 29.37                    | 54.26         | -24.89     | AVG      |         |
| 5   |     | 0.2450       | 33.83                    | 9.53                    | 43.36                    | 61.92         | -18.56     | QP       |         |
| 6   |     | 0.2450       | 17.71                    | 9.53                    | 27.24                    | 51.92         | -24.68     | AVG      |         |
| 7   |     | 0.4800       | 25.91                    | 9.53                    | 35.44                    | 56.34         | -20.90     | QP       |         |
| 8   |     | 0.4800       | 16.29                    | 9.53                    | 25.82                    | 46.34         | -20.52     | AVG      |         |
| 9   |     | 6.4800       | 20.99                    | 9.61                    | 30.60                    | 60.00         | -29.40     | QP       |         |
| 10  |     | 6.4800       | 11.31                    | 9.61                    | 20.92                    | 50.00         | -29.08     | AVG      |         |
| 11  |     | 7.3550       | 21.37                    | 9.62                    | 30.99                    | 60.00         | -29.01     | QP       |         |
| 12  |     | 7.3550       | 9.59                     | 9.62                    | 19.21                    | 50.00         | -30.79     | AVG      |         |

## 8.7 ANTENNA APPLICATION

### 8.7.1 Antenna Requirement

| Standard                  | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCC CRF Part 15.203       | An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.                                        |
| FCC 47 CFR Part 15.407(a) | If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.                                                                                                                                                                                                                                                                                                                                                                                         |
| RSS-Gen Section 6.8       | The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list. |

### 8.7.2 Result

PASS.

- Note:
- ☒ Antenna use a permanently attached antenna which is not replaceable.
  - ☐ Not using a standard antenna jack or electrical connector for antenna replacement
  - ☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached document Internal Photos to show the antenna connector.

Detail of factor for radiated emission

| Frequency(MHz) | Ant_F(dB) | Cab_L(dB) | Preamp(dB) | Correct Factor(dB) |
|----------------|-----------|-----------|------------|--------------------|
| 0.009          | 20.6      | 0.03      | \          | 20.63              |
| 0.15           | 20.7      | 0.1       | \          | 20.8               |
| 1              | 20.9      | 0.15      | \          | 21.05              |
| 10             | 20.1      | 0.28      | \          | 20.38              |
| 30             | 18.8      | 0.45      | \          | 19.25              |
| 30             | 11.7      | 0.62      | 27.9       | -15.58             |
| 100            | 12.5      | 1.02      | 27.8       | -14.28             |
| 300            | 12.9      | 1.91      | 27.5       | -12.69             |
| 600            | 19.2      | 2.92      | 27         | -4.88              |
| 800            | 21.1      | 3.54      | 26.6       | -1.96              |
| 1000           | 22.3      | 4.17      | 26.2       | 0.27               |
| 1000           | 25.6      | 1.76      | 41.4       | -14.04             |
| 3000           | 28.9      | 3.27      | 43.2       | -11.03             |
| 5000           | 31.1      | 4.2       | 44.6       | -9.3               |
| 8000           | 36.2      | 5.95      | 44.7       | -2.55              |
| 10000          | 38.4      | 6.3       | 43.9       | 0.8                |
| 12000          | 38.5      | 7.14      | 42.3       | 3.34               |
| 15000          | 40.2      | 8.15      | 41.4       | 6.95               |
| 18000          | 45.4      | 9.02      | 41.3       | 13.12              |
| 18000          | 37.9      | 1.81      | 47.9       | -8.19              |
| 21000          | 37.9      | 1.95      | 48.7       | -8.85              |
| 25000          | 39.3      | 2.01      | 42.8       | -1.49              |
| 28000          | 39.6      | 2.16      | 46.0       | -4.24              |
| 31000          | 41.2      | 2.24      | 44.5       | -1.06              |
| 34000          | 41.5      | 2.29      | 46.6       | -2.81              |
| 37000          | 43.8      | 2.30      | 46.4       | -0.3               |
| 40000          | 43.2      | 2.50      | 42.2       | 3.5                |

----- END OF REPORT -----