

|            |       |              |        |      |        |        |      |
|------------|-------|--------------|--------|------|--------|--------|------|
|            | total | 5260         | ---    | ---  | -0.45  | ≤8.26  | PASS |
|            | Ant1  | 5280         | -5.56  | 0.23 | -5.33  | ≤11.00 | PASS |
|            | Ant2  | 5280         | -5.83  | 0.20 | -5.63  | ≤11.00 | PASS |
|            | total | 5280         | ---    | ---  | -2.47  | ≤8.26  | PASS |
|            | Ant1  | 5320         | -5.25  | 0.19 | -5.06  | ≤11.00 | PASS |
|            | Ant2  | 5320         | -5.45  | 0.23 | -5.22  | ≤11.00 | PASS |
|            | total | 5320         | ---    | ---  | -2.13  | ≤8.26  | PASS |
|            | Ant1  | 5500         | -5.08  | 0.19 | -4.89  | ≤11.00 | PASS |
|            | Ant2  | 5500         | -4.52  | 0.19 | -4.33  | ≤11.00 | PASS |
|            | total | 5500         | ---    | ---  | -1.59  | ≤8.26  | PASS |
|            | Ant1  | 5580         | -5.21  | 0.23 | -4.98  | ≤11.00 | PASS |
|            | Ant2  | 5580         | -3.86  | 0.20 | -3.66  | ≤11.00 | PASS |
|            | total | 5580         | ---    | ---  | -1.26  | ≤8.26  | PASS |
|            | Ant1  | 5700         | -4.39  | 0.23 | -4.16  | ≤11.00 | PASS |
|            | Ant2  | 5700         | -5.12  | 0.23 | -4.89  | ≤11.00 | PASS |
|            | total | 5700         | ---    | ---  | -1.50  | ≤8.26  | PASS |
|            | Ant1  | 5720 UNII-2C | -3.71  | 0.23 | -3.48  | ≤11.00 | PASS |
|            | Ant2  | 5720 UNII-2C | -4.58  | 0.19 | -4.39  | ≤11.00 | PASS |
|            | total | 5720 UNII-2C | ---    | ---  | -0.90  | ≤8.26  | PASS |
|            | Ant1  | 5720 UNII-3  | -11.04 | 0.23 | -8.59  | ≤30.00 | PASS |
|            | Ant2  | 5720 UNII-3  | -11.48 | 0.19 | -9.07  | ≤30.00 | PASS |
|            | total | 5720 UNII-3  | ---    | ---  | -5.81  | ≤27.26 | PASS |
| 11N40MIMO  | Ant1  | 5190         | -9.65  | 0.39 | -9.26  | ≤17.00 | PASS |
|            | Ant2  | 5190         | -9.3   | 0.39 | -8.91  | ≤17.00 | PASS |
|            | total | 5190         | ---    | ---  | -6.07  | ≤14.26 | PASS |
|            | Ant1  | 5230         | -7.59  | 0.39 | -7.20  | ≤17.00 | PASS |
|            | Ant2  | 5230         | -7.2   | 0.39 | -6.81  | ≤17.00 | PASS |
|            | total | 5230         | ---    | ---  | -3.99  | ≤14.26 | PASS |
|            | Ant1  | 5270         | -7.99  | 0.40 | -7.59  | ≤11.00 | PASS |
|            | Ant2  | 5270         | -8.52  | 0.39 | -8.13  | ≤11.00 | PASS |
|            | total | 5270         | ---    | ---  | -4.84  | ≤8.26  | PASS |
|            | Ant1  | 5310         | -8.19  | 0.39 | -7.80  | ≤11.00 | PASS |
|            | Ant2  | 5310         | -7     | 0.39 | -6.61  | ≤11.00 | PASS |
|            | total | 5310         | ---    | ---  | -4.15  | ≤8.26  | PASS |
|            | Ant1  | 5510         | -7.66  | 0.40 | -7.26  | ≤11.00 | PASS |
|            | Ant2  | 5510         | -6.65  | 0.39 | -6.26  | ≤11.00 | PASS |
|            | total | 5510         | ---    | ---  | -3.72  | ≤8.26  | PASS |
|            | Ant1  | 5550         | -7.23  | 0.39 | -6.84  | ≤11.00 | PASS |
|            | Ant2  | 5550         | -7.5   | 0.39 | -7.11  | ≤11.00 | PASS |
|            | total | 5550         | ---    | ---  | -3.96  | ≤8.26  | PASS |
|            | Ant1  | 5670         | -6.73  | 0.40 | -6.33  | ≤11.00 | PASS |
|            | Ant2  | 5670         | -5.9   | 0.39 | -5.51  | ≤11.00 | PASS |
|            | total | 5670         | ---    | ---  | -2.89  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-2C | -8.03  | 0.39 | -7.64  | ≤11.00 | PASS |
|            | Ant2  | 5710 UNII-2C | -7.23  | 0.39 | -6.84  | ≤11.00 | PASS |
|            | total | 5710 UNII-2C | ---    | ---  | -4.21  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-3  | -16.18 | 0.39 | -13.57 | ≤30.00 | PASS |
|            | Ant2  | 5710 UNII-3  | -13.59 | 0.39 | -10.98 | ≤30.00 | PASS |
|            | total | 5710 UNII-3  | ---    | ---  | -9.07  | ≤27.26 | PASS |
| 11AC20MIMO | Ant1  | 5180         | -4.86  | 0.36 | -4.50  | ≤17.00 | PASS |
|            | Ant2  | 5180         | -6.51  | 0.00 | -6.51  | ≤17.00 | PASS |
|            | total | 5180         | ---    | ---  | -3.09  | ≤14.26 | PASS |
|            | Ant1  | 5200         | -6.14  | 0.36 | -5.78  | ≤17.00 | PASS |
|            | Ant2  | 5200         | -6.82  | 0.00 | -6.82  | ≤17.00 | PASS |
|            | total | 5200         | ---    | ---  | -3.26  | ≤14.26 | PASS |
|            | Ant1  | 5240         | -5.7   | 0.36 | -5.34  | ≤17.00 | PASS |
|            | Ant2  | 5240         | -5.72  | 0.36 | -5.36  | ≤17.00 | PASS |
|            | total | 5240         | ---    | ---  | -2.34  | ≤14.26 | PASS |
|            | Ant1  | 5260         | -7.37  | 0.37 | -7.00  | ≤11.00 | PASS |
|            | Ant2  | 5260         | -5.82  | 0.36 | -5.46  | ≤11.00 | PASS |

|            |       |              |        |      |        |        |      |
|------------|-------|--------------|--------|------|--------|--------|------|
|            | total | 5260         | ---    | ---  | -3.15  | ≤8.26  | PASS |
|            | Ant1  | 5280         | -6.84  | 0.37 | -6.47  | ≤11.00 | PASS |
|            | Ant2  | 5280         | -5.93  | 0.37 | -5.56  | ≤11.00 | PASS |
|            | total | 5280         | ---    | ---  | -2.98  | ≤8.26  | PASS |
|            | Ant1  | 5320         | -5.48  | 0.43 | -5.05  | ≤11.00 | PASS |
|            | Ant2  | 5320         | -6.35  | 0.37 | -5.98  | ≤11.00 | PASS |
|            | total | 5320         | ---    | ---  | -2.48  | ≤8.26  | PASS |
|            | Ant1  | 5500         | -6.51  | 0.36 | -6.15  | ≤11.00 | PASS |
|            | Ant2  | 5500         | -6.11  | 0.36 | -5.75  | ≤11.00 | PASS |
|            | total | 5500         | ---    | ---  | -2.94  | ≤8.26  | PASS |
|            | Ant1  | 5580         | -6.82  | 0.36 | -6.46  | ≤11.00 | PASS |
|            | Ant2  | 5580         | -5.34  | 0.43 | -4.91  | ≤11.00 | PASS |
|            | total | 5580         | ---    | ---  | -2.61  | ≤8.26  | PASS |
|            | Ant1  | 5700         | -5.87  | 0.36 | -5.51  | ≤11.00 | PASS |
|            | Ant2  | 5700         | -5.72  | 0.37 | -5.35  | ≤11.00 | PASS |
|            | total | 5700         | ---    | ---  | -2.42  | ≤8.26  | PASS |
|            | Ant1  | 5720 UNII-2C | -4.88  | 0.37 | -4.51  | ≤11.00 | PASS |
|            | Ant2  | 5720 UNII-2C | -5.7   | 0.36 | -5.34  | ≤11.00 | PASS |
|            | total | 5720 UNII-2C | ---    | ---  | -1.89  | ≤8.26  | PASS |
|            | Ant1  | 5720 UNII-3  | -12.51 | 0.37 | -9.92  | ≤30.00 | PASS |
|            | Ant2  | 5720 UNII-3  | -12.66 | 0.36 | -10.08 | ≤30.00 | PASS |
|            | total | 5720 UNII-3  | ---    | ---  | -6.99  | ≤27.26 | PASS |
| 11AC40MIMO | Ant1  | 5190         | -9.73  | 0.00 | -9.73  | ≤17.00 | PASS |
|            | Ant2  | 5190         | -10    | 0.00 | -10.00 | ≤17.00 | PASS |
|            | total | 5190         | ---    | ---  | -6.85  | ≤14.26 | PASS |
|            | Ant1  | 5230         | -9.03  | 0.00 | -9.03  | ≤17.00 | PASS |
|            | Ant2  | 5230         | -9.34  | 0.00 | -9.34  | ≤17.00 | PASS |
|            | total | 5230         | ---    | ---  | -6.17  | ≤14.26 | PASS |
|            | Ant1  | 5270         | -10.02 | 0.67 | -9.35  | ≤11.00 | PASS |
|            | Ant2  | 5270         | -10.05 | 0.69 | -9.36  | ≤11.00 | PASS |
|            | total | 5270         | ---    | ---  | -6.34  | ≤8.26  | PASS |
|            | Ant1  | 5310         | -9.39  | 0.69 | -8.70  | ≤11.00 | PASS |
|            | Ant2  | 5310         | -9.21  | 0.69 | -8.52  | ≤11.00 | PASS |
|            | total | 5310         | ---    | ---  | -5.60  | ≤8.26  | PASS |
|            | Ant1  | 5510         | -9.96  | 0.69 | -9.27  | ≤11.00 | PASS |
|            | Ant2  | 5510         | -8.69  | 0.69 | -8.00  | ≤11.00 | PASS |
|            | total | 5510         | ---    | ---  | -5.58  | ≤8.26  | PASS |
|            | Ant1  | 5550         | -9.92  | 0.69 | -9.23  | ≤11.00 | PASS |
|            | Ant2  | 5550         | -8.87  | 0.69 | -8.18  | ≤11.00 | PASS |
|            | total | 5550         | ---    | ---  | -5.66  | ≤8.26  | PASS |
|            | Ant1  | 5670         | -8.98  | 0.67 | -8.31  | ≤11.00 | PASS |
|            | Ant2  | 5670         | -7.78  | 0.69 | -7.09  | ≤11.00 | PASS |
|            | total | 5670         | ---    | ---  | -4.65  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-2C | -8.68  | 0.69 | -7.99  | ≤11.00 | PASS |
|            | Ant2  | 5710 UNII-2C | -9.62  | 0.69 | -8.93  | ≤11.00 | PASS |
|            | total | 5710 UNII-2C | ---    | ---  | -5.42  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-3  | -16.99 | 0.69 | -14.08 | ≤30.00 | PASS |
|            | Ant2  | 5710 UNII-3  | -16.22 | 0.69 | -13.31 | ≤30.00 | PASS |
|            | total | 5710 UNII-3  | ---    | ---  | -10.67 | ≤30.00 | PASS |
| 11AC80MIMO | Ant1  | 5210         | -13.09 | 1.25 | -11.84 | ≤17.00 | PASS |
|            | Ant2  | 5210         | -9.13  | 0.64 | -8.49  | ≤17.00 | PASS |
|            | total | 5210         | ---    | ---  | -6.84  | ≤14.26 | PASS |
|            | Ant1  | 5290         | -10.22 | 0.64 | -9.58  | ≤11.00 | PASS |
|            | Ant2  | 5290         | -9.76  | 0.64 | -9.12  | ≤11.00 | PASS |
|            | total | 5290         | ---    | ---  | -6.33  | ≤8.26  | PASS |
|            | Ant1  | 5530         | -12.68 | 1.19 | -11.49 | ≤11.00 | PASS |
|            | Ant2  | 5530         | -12.35 | 1.19 | -11.16 | ≤11.00 | PASS |
|            | total | 5530         | ---    | ---  | -8.31  | ≤8.26  | PASS |
|            | Ant1  | 5610         | -9.11  | 0.64 | -8.47  | ≤11.00 | PASS |
|            | Ant2  | 5610         | -9.1   | 0.64 | -8.46  | ≤11.00 | PASS |

|  |       |              |        |      |        |        |      |
|--|-------|--------------|--------|------|--------|--------|------|
|  | total | 5610         | ---    | ---  | -5.45  | ≤8.26  | PASS |
|  | Ant1  | 5690 UNII-2C | -9     | 0.64 | -8.36  | ≤11.00 | PASS |
|  | Ant2  | 5690 UNII-2C | -8.87  | 0.64 | -8.23  | ≤11.00 | PASS |
|  | total | 5690 UNII-2C | ---    | ---  | -5.28  | ≤8.26  | PASS |
|  | Ant1  | 5690 UNII-3  | -17.1  | 0.64 | -14.24 | ≤30.00 | PASS |
|  | Ant2  | 5690 UNII-3  | -16.63 | 0.64 | -13.77 | ≤30.00 | PASS |
|  | total | 5690 UNII-3  | ---    | ---  | -10.99 | ≤27.26 | PASS |

Note1: The Result = Raw Data + DC Factor

Note2: Ant. Gain=8.74dBi

Note3: Offset=cable loss

#### Beamforming on

| Test Mode | Ant.  | Freq.<br>(MHz) | Result (dBm/MHz) | Limit<br>(dBm/MHz) | Verdict |
|-----------|-------|----------------|------------------|--------------------|---------|
| 11N20MIMO | Ant1  | 5180           | -0.37            | ≤17.00             | PASS    |
|           | Ant2  | 5180           | -0.79            | ≤17.00             | PASS    |
|           | total | 5180           | 2.44             | ≤14.26             | PASS    |
|           | Ant1  | 5200           | -2.86            | ≤17.00             | PASS    |
|           | Ant2  | 5200           | -3.45            | ≤17.00             | PASS    |
|           | total | 5200           | -0.13            | ≤14.26             | PASS    |
|           | Ant1  | 5240           | -1.91            | ≤17.00             | PASS    |
|           | Ant2  | 5240           | -2.53            | ≤17.00             | PASS    |
|           | total | 5240           | 0.80             | ≤14.26             | PASS    |
|           | Ant1  | 5260           | -2.34            | ≤11.00             | PASS    |
|           | Ant2  | 5260           | -2.93            | ≤11.00             | PASS    |
|           | total | 5260           | 0.39             | ≤8.26              | PASS    |
|           | Ant1  | 5280           | -4.28            | ≤11.00             | PASS    |
|           | Ant2  | 5280           | -5.08            | ≤11.00             | PASS    |
|           | total | 5280           | -1.65            | ≤8.26              | PASS    |
|           | Ant1  | 5320           | -2.96            | ≤11.00             | PASS    |
|           | Ant2  | 5320           | -3.08            | ≤11.00             | PASS    |
|           | total | 5320           | -0.01            | ≤8.26              | PASS    |
|           | Ant1  | 5500           | -2.99            | ≤11.00             | PASS    |
|           | Ant2  | 5500           | -2.91            | ≤11.00             | PASS    |
|           | total | 5500           | 0.06             | ≤8.26              | PASS    |
|           | Ant1  | 5580           | -2.06            | ≤11.00             | PASS    |
|           | Ant2  | 5580           | -3.21            | ≤11.00             | PASS    |
|           | total | 5580           | 0.41             | ≤8.26              | PASS    |
|           | Ant1  | 5700           | -3.48            | ≤11.00             | PASS    |
|           | Ant2  | 5700           | -3.10            | ≤11.00             | PASS    |
|           | total | 5700           | -0.28            | ≤8.26              | PASS    |
|           | Ant1  | 5720 UNII-2C   | -2.55            | ≤11.00             | PASS    |
|           | Ant2  | 5720 UNII-2C   | -2.35            | ≤11.00             | PASS    |
|           | total | 5720 UNII-2C   | 0.56             | ≤8.26              | PASS    |
|           | Ant1  | 5720 UNII-3    | -7.60            | ≤30.00             | PASS    |
|           | Ant2  | 5720 UNII-3    | -6.76            | ≤30.00             | PASS    |
|           | total | 5720 UNII-3    | -4.15            | ≤27.26             | PASS    |
| 11N40MIMO | Ant1  | 5190           | -3.68            | ≤17.00             | PASS    |
|           | Ant2  | 5190           | -8.34            | ≤17.00             | PASS    |
|           | total | 5190           | -2.40            | ≤14.26             | PASS    |
|           | Ant1  | 5230           | -7.40            | ≤17.00             | PASS    |
|           | Ant2  | 5230           | -7.17            | ≤17.00             | PASS    |
|           | total | 5230           | -4.27            | ≤14.26             | PASS    |
|           | Ant1  | 5270           | -7.61            | ≤11.00             | PASS    |
|           | Ant2  | 5270           | -9.07            | ≤11.00             | PASS    |
|           | total | 5270           | -5.27            | ≤8.26              | PASS    |
|           | Ant1  | 5310           | -7.82            | ≤11.00             | PASS    |
|           | Ant2  | 5310           | -7.64            | ≤11.00             | PASS    |
|           | total | 5310           | -4.72            | ≤8.26              | PASS    |
|           | Ant1  | 5510           | -7.33            | ≤11.00             | PASS    |

|            |       |              |        |        |      |
|------------|-------|--------------|--------|--------|------|
|            | Ant2  | 5510         | -7.29  | ≤11.00 | PASS |
|            | total | 5510         | -4.30  | ≤8.26  | PASS |
|            | Ant1  | 5550         | -6.87  | ≤11.00 | PASS |
|            | Ant2  | 5550         | -8.31  | ≤11.00 | PASS |
|            | total | 5550         | -4.52  | ≤8.26  | PASS |
|            | Ant1  | 5670         | -5.60  | ≤11.00 | PASS |
|            | Ant2  | 5670         | -6.41  | ≤11.00 | PASS |
|            | total | 5670         | -2.98  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-2C | -6.88  | ≤11.00 | PASS |
|            | Ant2  | 5710 UNII-2C | -6.71  | ≤11.00 | PASS |
|            | total | 5710 UNII-2C | -3.78  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-3  | -12.75 | ≤30.00 | PASS |
|            | Ant2  | 5710 UNII-3  | -11.54 | ≤30.00 | PASS |
|            | total | 5710 UNII-3  | -9.09  | ≤27.26 | PASS |
| 11AC20MIMO | Ant1  | 5180         | -5.21  | ≤17.00 | PASS |
|            | Ant2  | 5180         | -5.95  | ≤17.00 | PASS |
|            | total | 5180         | -2.55  | ≤14.26 | PASS |
|            | Ant1  | 5200         | -5.83  | ≤17.00 | PASS |
|            | Ant2  | 5200         | -6.35  | ≤17.00 | PASS |
|            | total | 5200         | -3.07  | ≤14.26 | PASS |
|            | Ant1  | 5240         | -3.77  | ≤17.00 | PASS |
|            | Ant2  | 5240         | -3.71  | ≤17.00 | PASS |
|            | total | 5240         | -0.73  | ≤14.26 | PASS |
|            | Ant1  | 5260         | -3.47  | ≤11.00 | PASS |
|            | Ant2  | 5260         | -4.33  | ≤11.00 | PASS |
|            | total | 5260         | -0.87  | ≤8.26  | PASS |
|            | Ant1  | 5280         | -3.25  | ≤11.00 | PASS |
|            | Ant2  | 5280         | -4.58  | ≤11.00 | PASS |
|            | total | 5280         | -0.85  | ≤8.26  | PASS |
|            | Ant1  | 5320         | -3.68  | ≤11.00 | PASS |
|            | Ant2  | 5320         | -3.89  | ≤11.00 | PASS |
|            | total | 5320         | -0.77  | ≤8.26  | PASS |
|            | Ant1  | 5500         | -3.78  | ≤11.00 | PASS |
|            | Ant2  | 5500         | -3.57  | ≤11.00 | PASS |
|            | total | 5500         | -0.66  | ≤8.26  | PASS |
|            | Ant1  | 5580         | -2.42  | ≤11.00 | PASS |
|            | Ant2  | 5580         | -4.17  | ≤11.00 | PASS |
|            | total | 5580         | -0.20  | ≤8.26  | PASS |
|            | Ant1  | 5700         | -3.77  | ≤11.00 | PASS |
|            | Ant2  | 5700         | -3.87  | ≤11.00 | PASS |
|            | total | 5700         | -0.81  | ≤8.26  | PASS |
|            | Ant1  | 5720 UNII-2C | -3.83  | ≤11.00 | PASS |
|            | Ant2  | 5720 UNII-2C | -3.95  | ≤11.00 | PASS |
|            | total | 5720 UNII-2C | -0.88  | ≤8.26  | PASS |
|            | Ant1  | 5720 UNII-3  | -8.67  | ≤30.00 | PASS |
|            | Ant2  | 5720 UNII-3  | -8.11  | ≤30.00 | PASS |
|            | total | 5720 UNII-3  | -5.37  | ≤27.26 | PASS |
| 11AC40MIMO | Ant1  | 5190         | -7.33  | ≤17.00 | PASS |
|            | Ant2  | 5190         | -8.21  | ≤17.00 | PASS |
|            | total | 5190         | -4.74  | ≤14.26 | PASS |
|            | Ant1  | 5230         | -6.55  | ≤17.00 | PASS |
|            | Ant2  | 5230         | -6.75  | ≤17.00 | PASS |
|            | total | 5230         | -3.64  | ≤14.26 | PASS |
|            | Ant1  | 5270         | -7.19  | ≤11.00 | PASS |
|            | Ant2  | 5270         | -8.62  | ≤11.00 | PASS |
|            | total | 5270         | -4.84  | ≤8.26  | PASS |
|            | Ant1  | 5310         | -7.41  | ≤11.00 | PASS |
|            | Ant2  | 5310         | -7.47  | ≤11.00 | PASS |
|            | total | 5310         | -4.43  | ≤8.26  | PASS |
|            | Ant1  | 5510         | -7.05  | ≤11.00 | PASS |

|            |       |              |        |        |      |
|------------|-------|--------------|--------|--------|------|
|            | Ant2  | 5510         | -6.73  | ≤11.00 | PASS |
|            | total | 5510         | -3.88  | ≤8.26  | PASS |
|            | Ant1  | 5550         | -7.22  | ≤11.00 | PASS |
|            | Ant2  | 5550         | -8.08  | ≤11.00 | PASS |
|            | total | 5550         | -4.62  | ≤8.26  | PASS |
|            | Ant1  | 5670         | -6.81  | ≤11.00 | PASS |
|            | Ant2  | 5670         | -6.81  | ≤11.00 | PASS |
|            | total | 5670         | -3.80  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-2C | -7.28  | ≤11.00 | PASS |
|            | Ant2  | 5710 UNII-2C | -7.31  | ≤11.00 | PASS |
|            | total | 5710 UNII-2C | -4.28  | ≤8.26  | PASS |
|            | Ant1  | 5710 UNII-3  | -13.84 | ≤30.00 | PASS |
|            | Ant2  | 5710 UNII-3  | -12.10 | ≤30.00 | PASS |
|            | total | 5710 UNII-3  | -9.87  | ≤30.00 | PASS |
| 11AC80MIMO | Ant1  | 5210         | -10.78 | ≤17.00 | PASS |
|            | Ant2  | 5210         | -9.97  | ≤17.00 | PASS |
|            | total | 5210         | -7.35  | ≤14.26 | PASS |
|            | Ant1  | 5290         | -9.38  | ≤11.00 | PASS |
|            | Ant2  | 5290         | -10.21 | ≤11.00 | PASS |
|            | total | 5290         | -6.76  | ≤8.26  | PASS |
|            | Ant1  | 5530         | -10.00 | ≤11.00 | PASS |
|            | Ant2  | 5530         | -10.38 | ≤11.00 | PASS |
|            | total | 5530         | -7.18  | ≤8.26  | PASS |
|            | Ant1  | 5610         | -9.00  | ≤11.00 | PASS |
|            | Ant2  | 5610         | -10.51 | ≤11.00 | PASS |
|            | total | 5610         | -6.68  | ≤8.26  | PASS |
|            | Ant1  | 5690 UNII-2C | -9.49  | ≤11.00 | PASS |
|            | Ant2  | 5690 UNII-2C | -10.43 | ≤11.00 | PASS |
|            | total | 5690 UNII-2C | -6.92  | ≤8.26  | PASS |
|            | Ant1  | 5690 UNII-3  | -15.46 | ≤30.00 | PASS |
|            | Ant2  | 5690 UNII-3  | -15.37 | ≤30.00 | PASS |
|            | total | 5690 UNII-3  | -12.40 | ≤27.26 | PASS |

## Test Result for B4

| Test Mode  | Ant.  | Freq.<br>(MHz) | Raw Data<br>(dBm/300KHz) | DC<br>Factor | RBW<br>Factor | Result<br>(dBm/500KHz) | Limit<br>(dBm/500KHz) | Verdict |
|------------|-------|----------------|--------------------------|--------------|---------------|------------------------|-----------------------|---------|
| 11A        | Ant1  | 5745           | -2.65                    | 0.18         | 2.22          | -0.25                  | ≤30.00                | PASS    |
|            | Ant2  | 5745           | -2.06                    | 0.18         | 2.22          | 0.34                   | ≤30.00                | PASS    |
|            | Ant1  | 5785           | -3.17                    | 0.18         | 2.22          | -0.77                  | ≤30.00                | PASS    |
|            | Ant2  | 5785           | -2.19                    | 0.18         | 2.22          | 0.21                   | ≤30.00                | PASS    |
|            | Ant1  | 5825           | -1.95                    | 0.21         | 2.22          | 0.48                   | ≤30.00                | PASS    |
|            | Ant2  | 5825           | -2.43                    | 0.21         | 2.22          | 0.00                   | ≤30.00                | PASS    |
| 11N20MIMO  | Ant1  | 5745           | -9.54                    | 0.19         | 2.22          | -7.13                  | ≤30.00                | PASS    |
|            | Ant2  | 5745           | -9.92                    | 0.19         | 2.22          | -7.51                  | ≤30.00                | PASS    |
|            | total | 5745           | ---                      | ---          | ---           | 3.01                   | ≤27.26                | PASS    |
|            | Ant1  | 5785           | -10.17                   | 0.20         | 2.22          | -7.75                  | ≤30.00                | PASS    |
|            | Ant2  | 5785           | -10.01                   | 0.19         | 2.22          | -7.60                  | ≤30.00                | PASS    |
|            | total | 5785           | ---                      | ---          | ---           | 3.01                   | ≤27.26                | PASS    |
|            | Ant1  | 5825           | -10                      | 0.19         | 2.22          | -7.59                  | ≤30.00                | PASS    |
|            | Ant2  | 5825           | -10.05                   | 0.19         | 2.22          | -7.64                  | ≤30.00                | PASS    |
|            | total | 5825           | ---                      | ---          | ---           | 3.01                   | ≤27.26                | PASS    |
| 11N40MIMO  | Ant1  | 5755           | -12.52                   | 0.39         | 2.22          | -9.91                  | ≤30.00                | PASS    |
|            | Ant2  | 5755           | -11.59                   | 0.39         | 2.22          | -8.98                  | ≤30.00                | PASS    |
|            | total | 5755           | ---                      | ---          | ---           | 3.01                   | ≤27.26                | PASS    |
|            | Ant1  | 5795           | -13.19                   | 0.40         | 2.22          | -10.57                 | ≤30.00                | PASS    |
|            | Ant2  | 5795           | -12.88                   | 0.39         | -0.09         | -10.27                 | ≤30.00                | PASS    |
|            | total | 5795           | ---                      | ---          | ---           | 3.01                   | ≤27.26                | PASS    |
| 11AC20MIMO | Ant1  | 5745           | -10.01                   | 0.43         | 2.22          | -7.36                  | ≤30.00                | PASS    |

|            |       |      |        |      |      |        |        |      |
|------------|-------|------|--------|------|------|--------|--------|------|
|            | Ant2  | 5745 | -11.19 | 0.43 | 2.22 | -8.54  | ≤30.00 | PASS |
|            | total | 5745 | ---    | ---  | ---  | 3.01   | ≤27.26 | PASS |
|            | Ant1  | 5785 | -11.31 | 0.36 | 2.22 | -8.73  | ≤30.00 | PASS |
|            | Ant2  | 5785 | -11.52 | 0.36 | 2.22 | -8.94  | ≤30.00 | PASS |
|            | total | 5785 | ---    | ---  | ---  | 3.01   | ≤27.26 | PASS |
|            | Ant1  | 5825 | -10.91 | 0.43 | 2.22 | -8.26  | ≤30.00 | PASS |
|            | Ant2  | 5825 | -10.41 | 0.37 | 2.22 | -7.82  | ≤30.00 | PASS |
|            | total | 5825 | ---    | ---  | ---  | 3.01   | ≤27.26 | PASS |
| 11AC40MIMO | Ant1  | 5755 | -13.87 | 0.69 | 2.22 | -10.96 | ≤30.00 | PASS |
|            | Ant2  | 5755 | -13.67 | 0.69 | 2.22 | -10.76 | ≤30.00 | PASS |
|            | total | 5755 | ---    | ---  | ---  | 3.01   | ≤27.26 | PASS |
|            | Ant1  | 5795 | -14.54 | 0.69 | 2.22 | -11.63 | ≤30.00 | PASS |
|            | Ant2  | 5795 | -14.44 | 0.69 | 2.22 | -11.53 | ≤30.00 | PASS |
| 11AC80MIMO | total | 5795 | ---    | ---  | ---  | 3.01   | ≤27.26 | PASS |
|            | Ant1  | 5775 | -14.66 | 0.64 | 2.22 | -11.80 | ≤30.00 | PASS |
|            | Ant2  | 5775 | -13.93 | 0.64 | 2.22 | -11.07 | ≤30.00 | PASS |
|            | total | 5775 | ---    | ---  | ---  | 3.01   | ≤27.26 | PASS |

Note1: .The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

Note2: The Duty Cycle Factor and RBW Factor is compensated in the graph.

#### Beamforming on

| Test Mode  | Ant.  | Freq. (MHz) | Result (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|------------|-------|-------------|---------------------|--------------------|---------|
| 11N20MIMO  | Ant1  | 5745        | -5.25               | ≤30.00             | PASS    |
|            | Ant2  | 5745        | -5.96               | ≤30.00             | PASS    |
|            | total | 5745        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5785        | -6.09               | ≤30.00             | PASS    |
|            | Ant2  | 5785        | -6.66               | ≤30.00             | PASS    |
|            | total | 5785        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5825        | -5.41               | ≤30.00             | PASS    |
|            | Ant2  | 5825        | -6.44               | ≤30.00             | PASS    |
| 11N40MIMO  | total | 5825        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5755        | -9.49               | ≤30.00             | PASS    |
|            | Ant2  | 5755        | -15.18              | ≤30.00             | PASS    |
|            | total | 5755        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5795        | -10.12              | ≤30.00             | PASS    |
| 11AC20MIMO | Ant2  | 5795        | -10.69              | ≤30.00             | PASS    |
|            | total | 5795        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5745        | -6.62               | ≤30.00             | PASS    |
|            | Ant2  | 5745        | -7.23               | ≤30.00             | PASS    |
|            | total | 5745        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5785        | -7.13               | ≤30.00             | PASS    |
|            | Ant2  | 5785        | -7.58               | ≤30.00             | PASS    |
|            | total | 5785        | 3.01                | ≤27.26             | PASS    |
| 11AC40MIMO | Ant1  | 5825        | -6.49               | ≤30.00             | PASS    |
|            | Ant2  | 5825        | -7.78               | ≤30.00             | PASS    |
|            | total | 5825        | 3.01                | ≤27.26             | PASS    |
|            | Ant1  | 5755        | -9.94               | ≤30.00             | PASS    |
|            | Ant2  | 5755        | -9.18               | ≤30.00             | PASS    |
|            | total | 5755        | 3.01                | ≤27.26             | PASS    |
| 11AC80MIMO | Ant1  | 5795        | -9.94               | ≤30.00             | PASS    |
|            | Ant2  | 5795        | -10.75              | ≤30.00             | PASS    |
|            | total | 5795        | 3.01                | ≤27.26             | PASS    |
| 11AC80MIMO | Ant1  | 5775        | -12.38              | ≤30.00             | PASS    |
|            | Ant2  | 5775        | -13.00              | ≤30.00             | PASS    |
|            | total | 5775        | 3.01                | ≤27.26             | PASS    |

### 11.5. Original Test Data

11A\_Ant1\_5180



























