

## **FCC Appendix RF Test Data for 5GWIFI**

**FCC ID** : 2BHL2-S100

**Company** : SHAREUAV Ltd

**EUT** : Multi-functional Handheld High-Precision LiDAR  
Scanner

**Model Number** : SHARE SLAM S100-32 PRO

**Report No.** : CTA25103100603

**Reviewed By** : Eric Wang

## Appendix RF Test Data for 5GWIFI ANT1

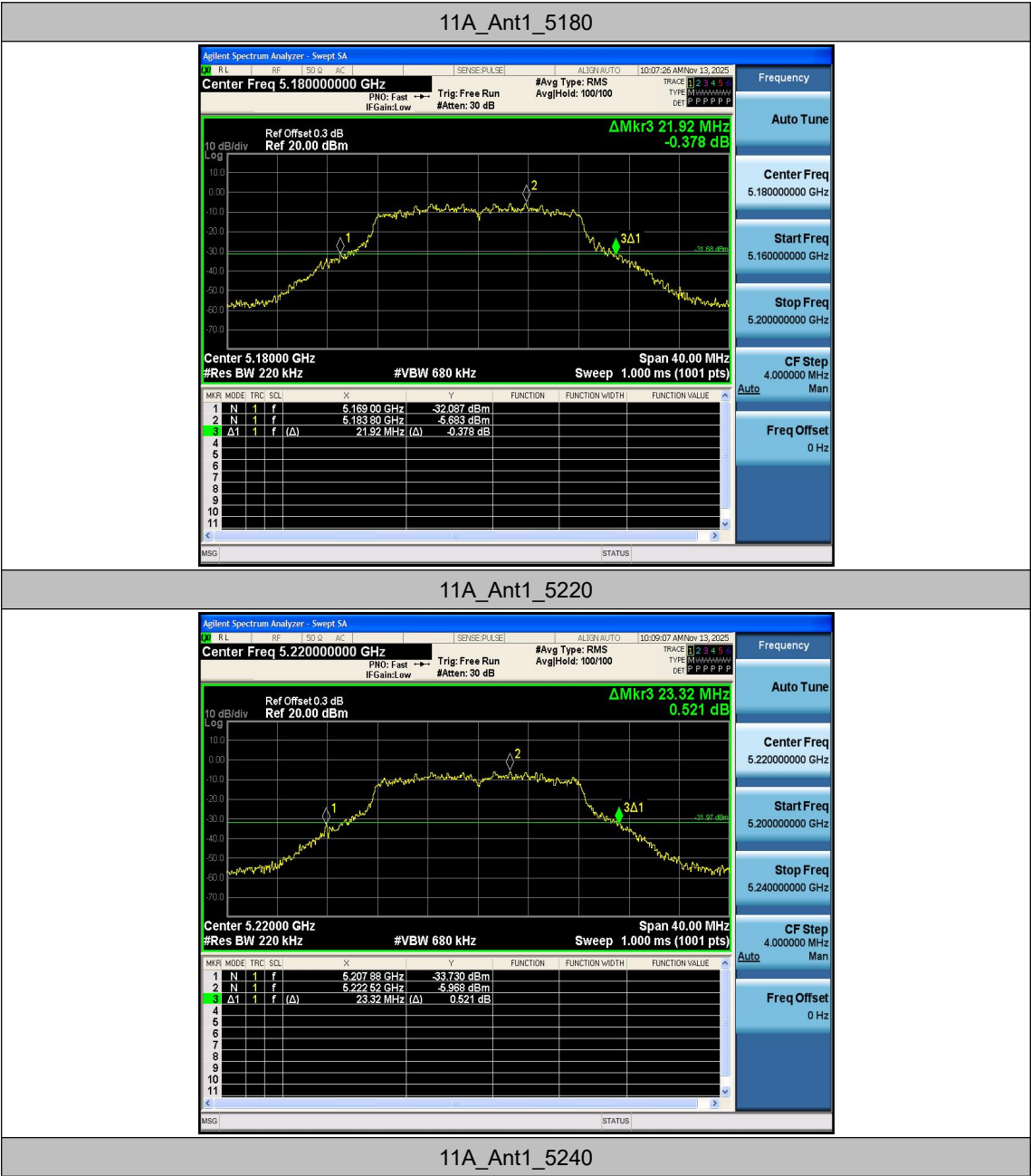
### Appendix A1: Emission Bandwidth

#### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180      | 21.920            | 5169.000 | 5190.920 | ---        | ---     |
|            |         | 5220      | 23.320            | 5207.880 | 5231.200 | ---        | ---     |
|            |         | 5240      | 22.040            | 5229.320 | 5251.360 | ---        | ---     |
|            |         | 5745      | 22.360            | 5733.800 | 5756.160 | ---        | ---     |
|            |         | 5785      | 22.560            | 5773.560 | 5796.120 | ---        | ---     |
|            |         | 5825      | 23.080            | 5813.360 | 5836.440 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 23.160            | 5169.040 | 5192.200 | ---        | ---     |
|            |         | 5220      | 22.640            | 5208.800 | 5231.440 | ---        | ---     |
|            |         | 5240      | 22.760            | 5228.880 | 5251.640 | ---        | ---     |
|            |         | 5745      | 22.880            | 5733.600 | 5756.480 | ---        | ---     |
|            |         | 5785      | 23.160            | 5773.480 | 5796.640 | ---        | ---     |
|            |         | 5825      | 23.680            | 5813.320 | 5837.000 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 43.520            | 5169.040 | 5212.560 | ---        | ---     |
|            |         | 5230      | 42.960            | 5208.480 | 5251.440 | ---        | ---     |
|            |         | 5755      | 44.880            | 5733.000 | 5777.880 | ---        | ---     |
|            |         | 5795      | 44.160            | 5773.720 | 5817.880 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 22.200            | 5168.720 | 5190.920 | ---        | ---     |
|            |         | 5220      | 22.120            | 5209.000 | 5231.120 | ---        | ---     |
|            |         | 5240      | 23.320            | 5228.960 | 5252.280 | ---        | ---     |
|            |         | 5745      | 23.240            | 5733.360 | 5756.600 | ---        | ---     |
|            |         | 5785      | 23.000            | 5773.400 | 5796.400 | ---        | ---     |
|            |         | 5825      | 23.280            | 5813.280 | 5836.560 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 42.400            | 5169.040 | 5211.440 | ---        | ---     |
|            |         | 5230      | 44.160            | 5208.640 | 5252.800 | ---        | ---     |
|            |         | 5755      | 44.800            | 5733.000 | 5777.800 | ---        | ---     |
|            |         | 5795      | 44.160            | 5773.720 | 5817.880 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210      | 83.840            | 5168.720 | 5252.560 | ---        | ---     |
|            |         | 5775      | 83.520            | 5733.560 | 5817.080 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180      | 22.640            | 5168.840 | 5191.480 | ---        | ---     |
|            |         | 5220      | 23.000            | 5208.280 | 5231.280 | ---        | ---     |
|            |         | 5240      | 22.480            | 5228.680 | 5251.160 | ---        | ---     |
|            |         | 5745      | 23.240            | 5733.280 | 5756.520 | ---        | ---     |
|            |         | 5785      | 23.760            | 5773.320 | 5797.080 | ---        | ---     |
|            |         | 5825      | 24.000            | 5813.080 | 5837.080 | ---        | ---     |

|            |      |      |        |          |          |     |     |
|------------|------|------|--------|----------|----------|-----|-----|
| 11AX40SISO | Ant1 | 5190 | 41.840 | 5168.880 | 5210.720 | --- | --- |
|            |      | 5230 | 41.280 | 5209.360 | 5250.640 | --- | --- |
|            |      | 5755 | 44.000 | 5733.720 | 5777.720 | --- | --- |
|            |      | 5795 | 43.920 | 5773.800 | 5817.720 | --- | --- |
| 11AX80SISO | Ant1 | 5210 | 82.080 | 5169.520 | 5251.600 | --- | --- |
|            |      | 5775 | 83.360 | 5733.720 | 5817.080 | --- | --- |

Test Graphs





11A\_Ant1\_5745



11A\_Ant1\_5785



# 11A\_Ant1\_5825



# 11N20SISO\_Ant1\_5180



# 11N20SISO\_Ant1\_5220



11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5745



# 11N20SISO\_Ant1\_5785



# 11N20SISO\_Ant1\_5825



# 11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5755



# 11N40SISO\_Ant1\_5795



# 11AC20SISO\_Ant1\_5180



# 11AC20SISO\_Ant1\_5220



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



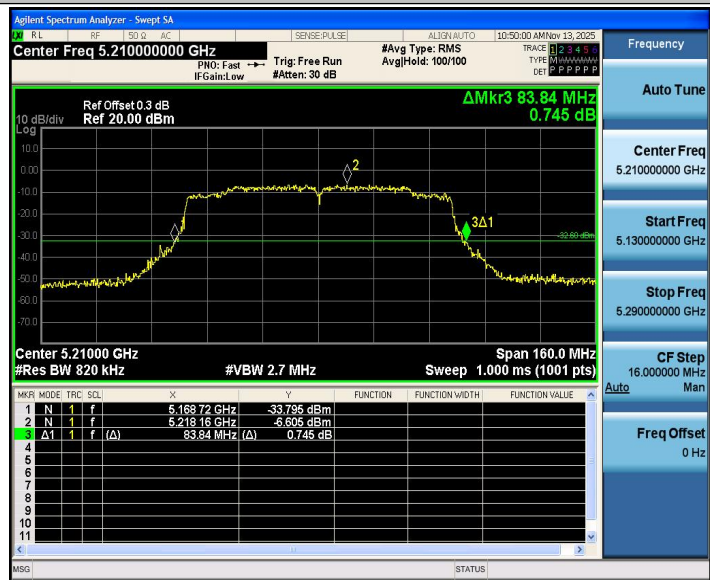
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5775



11AX20SISO\_Ant1\_5180



11AX20SISO\_Ant1\_5220

