













REPORT NO.: 4791175296-5-RF-3

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## 11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION 11.6.1. Test Result

| Test Mode    | Antenna    | Frequency[MHz]     | FreqRange               | Result          | Limit              | Verdict      |
|--------------|------------|--------------------|-------------------------|-----------------|--------------------|--------------|
| I GSL IVIOUE | 7111011110 | i requericy[ivinz] | [Mhz]                   | [dBm]           | [dBm]              |              |
| 11B          |            | 2412               | Reference               | 2.90            |                    | PASS         |
|              | Ant1       |                    | 30~1000                 | -49.7           | ≤-27.1             | PASS         |
|              |            |                    | 1000~26500              | -50.76          | ≤-27.1             | PASS         |
|              | 1 4 10     | 2412               | Reference               | 3.10            |                    | PASS         |
|              | Ant3       |                    | 30~1000                 | -49.56          | ≤-26.9             | PASS         |
|              |            |                    | 1000~26500              | -49.47          | ≤-26.9             | PASS         |
|              | Ant1       | 2437               | Reference               | 2.94            |                    | PASS         |
|              |            |                    | 30~1000                 | -49.84          | ≤-27.06            | PASS         |
|              |            |                    | 1000~26500              | -49.49          | ≤-27.06            | PASS         |
|              | A = 40     | 2437               | Reference               | 3.22            |                    | PASS         |
|              | Ant3       |                    | 30~1000                 | -50.18          | ≤-26.78            | PASS         |
|              |            |                    | 1000~26500              | -50.17          | ≤-26.78            | PASS         |
|              | Ant1       | 2462               | Reference<br>30~1000    | 2.78            |                    | PASS         |
|              |            |                    |                         | -50.12          | ≤-27.22            | PASS         |
|              |            |                    | 1000~26500<br>Reference | -50.1<br>2.90   | ≤-27.22<br>        | PASS<br>PASS |
|              | Ant3       | 2462               |                         |                 |                    |              |
|              |            |                    | 30~1000<br>1000~26500   | -49.7<br>-50.76 | ≤-27.1<br>≤-27.1   | PASS<br>PASS |
|              | Ant1       | 2412               | Reference               | 3.88            | ≤-21.1<br>         | PASS         |
|              |            |                    | 30~1000                 | -45.2           | ≤-26.12            | PASS         |
|              |            |                    | 1000~26500              | -39.97          | ≤-26.12            | PASS         |
|              |            |                    | Reference               | 4.31            |                    | PASS         |
|              | Ant3       | 2412               | 30~1000                 | -45.27          | ≤-25.69            | PASS         |
|              |            |                    | 1000~26500              | -40.81          | ≤-25.69            | PASS         |
|              | Ant1       | 2437               | Reference               | 3.64            |                    | PASS         |
| 11G          |            |                    | 30~1000                 | -46.15          | ≤-26.36            | PASS         |
|              |            |                    | 1000~26500              | -40.64          | ≤-26.36            | PASS         |
|              | Ant3       | 2437               | Reference               | 4.14            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.81          | ≤-25.86            | PASS         |
|              |            |                    | 1000~26500              | -40.6           | ≤-25.86            | PASS         |
|              | Ant1       | 2462               | Reference               | 3.49            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.64          | ≤-26.51            | PASS         |
|              |            |                    | 1000~26500              | -39.98          | ≤-26.51            | PASS         |
|              | Ant3       | 2462               | Reference               | 3.75            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.13          | ≤-26.25            | PASS         |
|              |            |                    | 1000~26500              | -39.8           | ≤-26.25            | PASS         |
| 11N20MIMO    | Ant1       | 2412               | Reference               | 4.06            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.99          | ≤-25.94            | PASS         |
|              |            |                    | 1000~26500              | -40.66          | ≤-25.94            | PASS         |
|              | Ant3       | 2412               | Reference               | 4.32            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.3           | ≤-25.68            | PASS         |
|              |            |                    | 1000~26500              | -40.32          | ≤-25.68            | PASS         |
|              | Ant1       | 2437               | Reference               | 3.51            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.3           | ≤-26.49            | PASS         |
|              |            |                    | 1000~26500              | -40.72          | ≤-26.49            | PASS         |
|              | Ant3       | 2437               | Reference               | 4.14            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.53          | ≤-25.86            | PASS         |
|              |            |                    | 1000~26500              | -40.3           | ≤-25.86            | PASS         |
|              | Ant1       | 2462               | Reference               | 3.67            |                    | PASS         |
|              |            |                    | 30~1000                 | -45.64          | ≤-26.33            | PASS         |
|              | Ant3       | 2462               | 1000~26500              | -40.2           | ≤-26.33            | PASS         |
|              |            |                    | Reference               | 4.26            | <br>< 25.74        | PASS         |
|              |            |                    | 30~1000<br>1000~26500   | -45.79<br>40.03 | ≤-25.74<br>≤-25.74 | PASS<br>PASS |
| 11N40MIMO    | Ant1       | 2422               |                         | -40.03          | ≥-25.74            | PASS         |
|              |            |                    | Reference<br>30~1000    | 2.36<br>-45.9   | <br>≤-27.64        | PASS         |
|              |            |                    | 1000~26500              | -45.9<br>-40.57 | ≤-27.64<br>≤-27.64 | PASS         |
|              | Ant3       | 2422               | Reference               | 3.14            | ≤-27.04<br>        | PASS         |
|              | AIIO       | <u> </u>           | Merenerice              | J. 14           |                    | 1 700        |



**PASS** 30~1000 -45.59 ≤-26.86 -40.78 **PASS** 1000~26500 ≤-26.86 PASS Reference 0.59 Ant1 2437 30~1000 -45.94 ≤-29.41 **PASS** 1000~26500 -39.92 ≤-29.41 **PASS** Reference 1.14 **PASS** Ant3 2437 30~1000 -45.73≤-28.86 **PASS** 1000~26500 -40.46 ≤-28.86 **PASS** 0.47 **PASS** Reference Ant1 2452 30~1000 -45.3 ≤-29.53 PASS 1000~26500 -39.94 ≤-29.53 PASS Reference 1.14 **PASS** 30~1000 -45.63≤-28.86 **PASS** Ant3 2452 1000~26500 -40.55 ≤-28.86 **PASS** 3.44 **PASS** Reference ≤-26.56 Ant1 2412 30~1000 -44.33 **PASS** 1000~26500 -39.14 **PASS** ≤-26.56 **PASS** Reference 3.31 ≤-26.69 **PASS** Ant3 2412 30~1000 -45.731000~26500 -39.97 ≤-26.69 **PASS PASS** Reference 1.13 ---Ant1 2437 30~1000 -45.65 ≤-28.87 **PASS** 1000~26500 -40.23≤-28.87 **PASS** 11AX20MIMO **PASS** Reference 1.78 Ant3 2437 30~1000 -45.25 ≤-28.22 **PASS** 1000~26500 **PASS** -39.87 ≤-28.22 **PASS** Reference 1.16 -45.31 ≤-28.84 **PASS** Ant1 2462 30~1000 1000~26500 **PASS** -40.28≤-28.84 1.92 **PASS** Reference 30~1000 Ant3 2462 -46.07 ≤-28.08 **PASS** 1000~26500 -40.41 **PASS** ≤-28.08 0.01 **PASS** Reference Ant1 2422 30~1000 -45.58 ≤-29.99 **PASS** 1000~26500 -40.31 ≤-29.99 **PASS PASS** Reference 0.51 ≤-29.49 **PASS** Ant3 2422 30~1000 -44.66 1000~26500 -40.43 ≤-29.49 **PASS** PASS Reference -2.16 ---Ant1 2437 30~1000 -45.97 ≤-32.16 **PASS** 1000~26500 -40.14 ≤-32.16 **PASS** 11AX40MIMO Reference -1.01 **PASS** 30~1000 -45.42 ≤-31.01 **PASS** Ant3 2437 1000~26500 -40.7≤-31.01 **PASS** Reference -1.96 **PASS** Ant1 2452 30~1000 -45.52 ≤-31.96 **PASS** -40.21 1000~26500 ≤-31.96 **PASS** -1.25**PASS** Reference -45.45 ≤-31.25 **PASS** Ant3 2452 30~1000

1000~26500

-40.43

≤-31.25

**PASS** 



## 11.6.2. Test Graphs





















































































































