

# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 172 of 394

|           |            |         |           |         |         |         |         |         |         |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
|           | 16QAM      | 1       | 0         | 18.7    | 19.32   | 18.99   | 18.91   | 19.04   | 20.20   |
|           |            | 1       | 13        | 18.9    | 18.76   | 18.65   | 18.69   | 19.02   | 20.20   |
|           |            | 1       | 24        | 18.68   | 18.9    | 18.76   | 18.86   | 19.28   | 20.20   |
|           |            | 12      | 0         | 18.9    | 19.03   | 18.93   | 18.95   | 19.31   | 20.20   |
|           |            | 12      | 6         | 18.83   | 19.15   | 19.03   | 19.06   | 19.26   | 20.20   |
|           |            | 12      | 13        | 19.08   | 18.94   | 19.02   | 18.83   | 19.05   | 20.20   |
|           | 64QAM      | 25      | 0         | 19.04   | 18.93   | 18.88   | 18.85   | 19.03   | 20.20   |
|           |            | 1       | 0         | 18.52   | 19.17   | 18.64   | 18.73   | 19.15   | 20.20   |
|           |            | 1       | 13        | 18.84   | 19.01   | 18.89   | 18.96   | 19.18   | 20.20   |
|           |            | 1       | 24        | 18.83   | 19.20   | 18.72   | 18.88   | 19.09   | 20.20   |
|           |            | 12      | 0         | 19.07   | 19.12   | 18.95   | 18.89   | 19.31   | 20.20   |
|           |            | 12      | 6         | 19.01   | 19.15   | 18.97   | 18.96   | 19.19   | 20.20   |
|           | 256QAM     | 12      | 13        | 18.92   | 18.99   | 18.71   | 18.86   | 19.22   | 20.20   |
|           |            | 25      | 0         | 19.12   | 19.18   | 18.80   | 19.22   | 19.19   | 20.20   |
|           |            | 1       | 0         | 18.79   | 18.99   | 18.72   | 18.75   | 18.96   | 20.20   |
|           |            | 1       | 13        | 18.48   | 18.95   | 18.95   | 18.66   | 18.96   | 20.20   |
|           |            | 1       | 24        | 18.82   | 19.12   | 19.05   | 18.63   | 19.08   | 20.20   |
|           |            | 12      | 0         | 18.95   | 19.07   | 19.01   | 18.91   | 19.13   | 20.20   |
| 10MHz     | QPSK       | 12      | 6         | 19.00   | 18.98   | 18.90   | 18.94   | 19.19   | 20.20   |
|           |            | 12      | 13        | 18.98   | 19.14   | 18.90   | 18.94   | 19.35   | 20.20   |
|           |            | 25      | 0         | 19.10   | 19.09   | 19.03   | 18.99   | 19.17   | 20.20   |
|           |            | 1       | 0         | 18.79   | 18.99   | 18.72   | 18.75   | 18.96   | 20.20   |
|           |            | 1       | 13        | 18.48   | 18.95   | 18.95   | 18.66   | 18.96   | 20.20   |
|           |            | 1       | 24        | 18.82   | 19.12   | 19.05   | 18.63   | 19.08   | 20.20   |
|           | 16QAM      | 12      | 0         | 18.95   | 19.07   | 19.01   | 18.91   | 19.13   | 20.20   |
|           |            | 12      | 6         | 19.00   | 18.98   | 18.90   | 18.94   | 19.19   | 20.20   |
|           |            | 12      | 13        | 18.98   | 19.14   | 18.90   | 18.94   | 19.35   | 20.20   |
|           |            | 25      | 0         | 19.10   | 19.09   | 19.03   | 18.99   | 19.17   | 20.20   |
|           |            | 1       | 0         | 18.79   | 18.99   | 18.72   | 18.75   | 18.96   | 20.20   |
|           |            | 1       | 13        | 18.48   | 18.95   | 18.95   | 18.66   | 18.96   | 20.20   |
|           | 64QAM      | 1       | 24        | 18.82   | 19.12   | 19.05   | 18.63   | 19.08   | 20.20   |
|           |            | 12      | 0         | 18.95   | 19.07   | 19.01   | 18.91   | 19.13   | 20.20   |
|           |            | 12      | 6         | 19.00   | 18.98   | 18.90   | 18.94   | 19.19   | 20.20   |
|           |            | 12      | 13        | 18.98   | 19.14   | 18.90   | 18.94   | 19.35   | 20.20   |
|           |            | 25      | 0         | 19.10   | 19.09   | 19.03   | 18.99   | 19.17   | 20.20   |
|           |            | 1       | 0         | 18.79   | 18.99   | 18.72   | 18.75   | 18.96   | 20.20   |
| 15MHz     | QPSK       | 1       | 13        | 18.48   | 18.95   | 18.95   | 18.66   | 18.96   | 20.20   |
|           |            | 1       | 24        | 18.82   | 19.12   | 19.05   | 18.63   | 19.08   | 20.20   |
|           |            | 12      | 0         | 18.95   | 19.07   | 19.01   | 18.91   | 19.13   | 20.20   |
|           |            | 12      | 6         | 19.00   | 18.98   | 18.90   | 18.94   | 19.19   | 20.20   |
|           |            | 12      | 13        | 18.98   | 19.14   | 18.90   | 18.94   | 19.35   | 20.20   |
|           |            | 25      | 0         | 19.10   | 19.09   | 19.03   | 18.99   | 19.17   | 20.20   |
|           | 16QAM      | 1       | 0         | 18.79   | 18.99   | 18.72   | 18.75   | 18.96   | 20.20   |
|           |            | 1       | 13        | 18.48   | 18.95   | 18.95   | 18.66   | 18.96   | 20.20   |
|           |            | 1       | 24        | 18.82   | 19.12   | 19.05   | 18.63   | 19.08   | 20.20   |
|           |            | 12      | 0         | 18.95   | 19.07   | 19.01   | 18.91   | 19.13   | 20.20   |
|           |            | 12      | 6         | 19.00   | 18.98   | 18.90   | 18.94   | 19.19   | 20.20   |
|           |            | 12      | 13        | 18.98   | 19.14   | 18.90   | 18.94   | 19.35   | 20.20   |
|           | 256QAM     | 25      | 0         | 19.10   | 19.09   | 19.03   | 18.99   | 19.17   | 20.20   |
|           |            | 1       | 0         | 18.79   | 18.99   | 18.72   | 18.75   | 18.96   | 20.20   |
|           |            | 1       | 13        | 18.48   | 18.95   | 18.95   | 18.66   | 18.96   | 20.20   |
|           |            | 1       | 24        | 18.82   | 19.12   | 19.05   | 18.63   | 19.08   | 20.20   |
|           |            | 12      | 0         | 18.95   | 19.07   | 19.01   | 18.91   | 19.13   | 20.20   |
|           |            | 12      | 6         | 19.00   | 18.98   | 18.90   | 18.94   | 19.19   | 20.20   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
|           |            |         |           | 39700   | 40160   | 40620   | 41080   | 41540   |         |
|           |            | 1       | 0         | 19.27   | 19      | 18.8    | 19.33   | 18.86   | 20.20   |
|           |            | 1       | 25        | 18.93   | 19.09   | 18.89   | 18.89   | 19.02   | 20.20   |
|           |            | 1       | 49        | 18.76   | 18.78   | 18.66   | 18.66   | 18.95   | 20.20   |
|           |            | 25      | 0         | 19.04   | 19.11   | 18.92   | 18.98   | 19.08   | 20.20   |
|           | 16QAM      | 25      | 13        | 19.1    | 19.22   | 18.89   | 19.23   | 19.05   | 20.20   |
|           |            | 25      | 25        | 19      | 19.12   | 18.82   | 18.85   | 19.16   | 20.20   |
|           |            | 50      | 0         | 18.96   | 19.2    | 18.81   | 19.01   | 19.15   | 20.20   |
|           |            | 1       | 0         | 18.78   | 19.22   | 18.89   | 18.96   | 19.03   | 20.20   |
|           |            | 1       | 25        | 18.9    | 18.86   | 18.61   | 18.75   | 18.92   | 20.20   |
|           |            | 1       | 49        | 18.66   | 18.95   | 18.77   | 18.81   | 19.19   | 20.20   |
|           | 64QAM      | 25      | 0         | 18.96   | 19.09   | 18.93   | 18.94   | 19.29   | 20.20   |
|           |            | 25      | 13        | 18.79   | 19.19   | 18.99   | 19.05   | 19.16   | 20.20   |
|           |            | 25      | 25        | 19.01   | 19      | 18.93   | 18.85   | 19.12   | 20.20   |
|           |            | 50      | 0         | 18.95   | 18.99   | 18.98   | 18.95   | 19.13   | 20.20   |
|           |            | 1       | 0         | 18.61   | 19.15   | 18.74   | 18.76   | 19.16   | 20.20   |
|           |            | 1       | 25        | 18.85   | 19.06   | 18.81   | 18.86   | 19.10   | 20.20   |
|           | 256QAM     | 1       | 49        | 18.91   | 19.15   | 18.72   | 18.95   | 19.03   | 20.20   |
|           |            | 25      | 0         | 19.08   | 19.10   | 18.85   | 18.79   | 19.25   | 20.20   |
|           |            | 25      | 13        | 18.93   | 19.12   | 18.98   | 18.86   | 19.14   | 20.20   |
|           |            | 25      | 25        | 18.92   | 18.94   | 18.78   | 18.94   | 19.14   | 20.20   |
|           |            | 50      | 0         | 19.12   | 19.13   | 18.80   | 19.13   | 19.18   | 20.20   |
|           |            | 1       | 0         | 18.85   | 18.93   | 18.74   | 18.79   | 18.93   | 20.20   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
|           |            |         |           | 39725   | 40173   | 40620   | 41068   | 41515   |         |
|           |            | 1       | 0         | 19.27   | 19.06   | 18.9    | 19.29   | 18.95   | 20.20   |
|           |            | 1       | 38        | 18.86   | 19.03   | 18.82   | 18.83   | 19.01   | 20.20   |
|           |            | 1       | 74        | 18.84   | 18.85   | 18.73   | 18.76   | 18.88   | 20.20   |
|           |            | 36      | 0         | 19.02   | 19.1    | 18.96   | 18.92   | 19.12   | 20.20   |
|           | 16QAM      | 36      | 18        | 19.05   | 19.14   | 18.82   | 19.13   | 18.97   | 20.20   |
|           |            | 36      | 39        | 18.99   | 19.13   | 18.88   | 18.82   | 19.15   | 20.20   |
|           |            | 75      | 0         | 18.94   | 19.12   | 18.85   | 19      | 19.16   | 20.20   |
|           |            | 1       | 0         | 18.85   | 19.18   | 18.83   | 18.87   | 19.11   | 20.20   |
|           |            | 1       | 0         | 18.85   | 19.18   | 18.83   | 18.87   | 19.11   | 20.20   |
|           |            | 1       | 0         | 18.85   | 19.18   | 18.83   | 18.87   | 19.11   | 20.20   |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 173 of 394

|           |            |         |           |         |         |         |         |         |         |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
|           |            | 1       | 38        | 18.83   | 18.93   | 18.67   | 18.8    | 19.01   | 20.20   |
|           |            | 1       | 74        | 18.66   | 19.03   | 18.71   | 18.75   | 19.11   | 20.20   |
|           |            | 36      | 0         | 19.03   | 19.03   | 18.91   | 19.02   | 19.21   | 20.20   |
|           |            | 36      | 18        | 18.88   | 19.13   | 18.89   | 19.01   | 19.07   | 20.20   |
|           |            | 36      | 39        | 18.96   | 19.04   | 18.84   | 18.87   | 19.14   | 20.20   |
|           |            | 75      | 0         | 18.98   | 19.02   | 18.92   | 18.91   | 19.17   | 20.20   |
|           | 64QAM      | 1       | 0         | 18.69   | 19.20   | 18.77   | 18.78   | 19.11   | 20.20   |
|           |            | 1       | 38        | 18.82   | 19.11   | 18.72   | 18.94   | 19.02   | 20.20   |
|           |            | 1       | 74        | 18.96   | 19.14   | 18.79   | 19.01   | 19.09   | 20.20   |
|           |            | 36      | 0         | 18.99   | 19.06   | 18.75   | 18.82   | 19.19   | 20.20   |
|           |            | 36      | 18        | 19.00   | 19.12   | 18.88   | 18.88   | 19.06   | 20.20   |
|           |            | 36      | 39        | 19.00   | 19.03   | 18.79   | 18.94   | 19.07   | 20.20   |
|           | 256QAM     | 75      | 0         | 19.02   | 19.21   | 18.76   | 19.14   | 19.17   | 20.20   |
|           |            | 1       | 0         | 18.84   | 19.00   | 18.66   | 18.80   | 18.95   | 20.20   |
|           |            | 1       | 38        | 18.59   | 18.91   | 18.94   | 18.57   | 18.92   | 20.20   |
|           |            | 1       | 74        | 18.85   | 19.04   | 18.86   | 18.72   | 19.14   | 20.20   |
|           |            | 36      | 0         | 18.89   | 19.17   | 18.86   | 18.94   | 19.05   | 20.20   |
|           |            | 36      | 18        | 18.92   | 19.02   | 18.85   | 18.90   | 19.12   | 20.20   |
|           |            | 36      | 39        | 19.00   | 19.07   | 18.81   | 18.93   | 19.16   | 20.20   |
|           |            | 75      | 0         | 19.02   | 19.05   | 18.98   | 18.97   | 19.13   | 20.20   |
|           |            |         |           |         |         |         |         |         |         |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
|           |            |         |           | 39750   | 40185   | 40620   | 41055   | 41490   |         |
| 20MHz     | QPSK       | 1       | 0         | 19.18   | 18.98   | 18.81   | 19.2    | 19.04   | 20.20   |
|           |            | 1       | 50        | 18.85   | 18.99   | 18.73   | 18.82   | 18.99   | 20.20   |
|           |            | 1       | 99        | 18.84   | 18.92   | 18.73   | 18.83   | 18.94   | 20.20   |
|           |            | 50      | 0         | 18.92   | 19.07   | 18.87   | 18.93   | 19.11   | 20.20   |
|           |            | 50      | 25        | 18.99   | 19.07   | 18.89   | 19.05   | 19.03   | 20.20   |
|           |            | 50      | 50        | 18.91   | 19.07   | 18.83   | 18.92   | 19.06   | 20.20   |
|           |            | 100     | 0         | 18.99   | 19.03   | 18.91   | 19.01   | 19.07   | 20.20   |
|           | 16QAM      | 1       | 0         | 18.84   | 19.11   | 18.85   | 18.8    | 19.11   | 20.20   |
|           |            | 1       | 50        | 18.86   | 18.9    | 18.73   | 18.82   | 18.91   | 20.20   |
|           |            | 1       | 99        | 18.74   | 19.12   | 18.69   | 18.76   | 19.17   | 20.20   |
|           |            | 50      | 0         | 19.02   | 19.11   | 18.88   | 19      | 19.16   | 20.20   |
|           |            | 50      | 25        | 18.97   | 19.04   | 18.93   | 18.91   | 18.98   | 20.20   |
|           |            | 50      | 50        | 18.91   | 19.02   | 18.82   | 18.94   | 19.05   | 20.20   |
|           |            | 100     | 0         | 18.97   | 19.1    | 18.89   | 18.96   | 19.07   | 20.20   |
|           | 64QAM      | 1       | 0         | 18.77   | 19.11   | 18.84   | 18.77   | 19.14   | 20.20   |
|           |            | 1       | 50        | 18.90   | 19.10   | 18.76   | 18.87   | 19.04   | 20.20   |
|           |            | 1       | 99        | 18.94   | 19.12   | 18.75   | 18.97   | 19.09   | 20.20   |
|           |            | 50      | 0         | 18.92   | 19.10   | 18.83   | 18.90   | 19.16   | 20.20   |
|           |            | 50      | 25        | 18.98   | 19.11   | 18.84   | 18.96   | 19.05   | 20.20   |
|           |            | 50      | 50        | 18.95   | 19.09   | 18.83   | 18.94   | 19.06   | 20.20   |
|           |            | 100     | 0         | 19.01   | 19.11   | 18.81   | 19.05   | 19.09   | 20.20   |
|           | 256QAM     | 1       | 0         | 18.84   | 18.97   | 18.73   | 18.80   | 19.02   | 20.20   |
|           |            | 1       | 50        | 18.69   | 19.00   | 18.87   | 18.66   | 18.96   | 20.20   |
|           |            | 1       | 99        | 18.82   | 19.02   | 18.76   | 18.82   | 19.06   | 20.20   |
|           |            | 50      | 0         | 18.99   | 19.10   | 18.88   | 19.04   | 19.15   | 20.20   |
|           |            | 50      | 25        | 18.92   | 19.08   | 18.91   | 18.93   | 19.13   | 20.20   |
|           |            | 50      | 50        | 18.95   | 19.02   | 18.78   | 19.01   | 19.08   | 20.20   |
|           |            | 100     | 0         | 18.94   | 19.08   | 18.89   | 19.00   | 19.11   | 20.20   |



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## 1.7 Conducted Power of Legacy (Ant8)

| LTE Band 42 DSI1/3/4/5 |            |         |           | Conducted Power(dBm) |                  |                  |         |
|------------------------|------------|---------|-----------|----------------------|------------------|------------------|---------|
| Bandwidth              | Modulation | RB size | RB offset | Channel<br>42115     | Channel<br>42590 | Channel<br>43065 | Tune up |
| 5MHz                   | QPSK       | 1       | 0         | 17.77                | 17.65            | 17.79            | 18.50   |
|                        |            | 1       | 13        | 17.82                | 17.91            | 17.91            | 18.50   |
|                        |            | 1       | 24        | 17.70                | 17.64            | 17.62            | 18.50   |
|                        |            | 12      | 0         | 18.02                | 17.60            | 17.86            | 18.50   |
|                        |            | 12      | 6         | 18.04                | 18.02            | 18.06            | 18.50   |
|                        |            | 12      | 13        | 17.88                | 17.64            | 17.92            | 18.50   |
|                        | 16QAM      | 25      | 0         | 18.19                | 17.75            | 17.85            | 18.50   |
|                        |            | 1       | 0         | 17.94                | 17.79            | 17.49            | 18.50   |
|                        |            | 1       | 13        | 17.86                | 17.70            | 17.83            | 18.50   |
|                        |            | 1       | 24        | 17.81                | 17.56            | 17.87            | 18.50   |
|                        |            | 12      | 0         | 18.22                | 17.80            | 17.82            | 18.50   |
|                        |            | 12      | 6         | 18.01                | 17.86            | 18.02            | 18.50   |
|                        | 64QAM      | 12      | 13        | 18.02                | 17.79            | 17.99            | 18.50   |
|                        |            | 25      | 0         | 17.94                | 18.06            | 17.88            | 18.50   |
|                        |            | 1       | 0         | 17.95                | 17.77            | 17.65            | 18.50   |
|                        |            | 1       | 13        | 17.90                | 17.59            | 17.83            | 18.50   |
|                        |            | 1       | 24        | 17.92                | 17.37            | 17.67            | 18.50   |
|                        |            | 12      | 0         | 17.91                | 17.54            | 17.73            | 18.50   |
| 10MHz                  | QPSK       | 12      | 6         | 18.08                | 17.86            | 18.00            | 18.50   |
|                        |            | 12      | 13        | 18.00                | 17.77            | 18.03            | 18.50   |
|                        |            | 25      | 0         | 17.95                | 17.85            | 17.99            | 18.50   |
|                        | 16QAM      | 1       | 0         | 17.84                | 17.69            | 17.58            | 18.50   |
|                        |            | 1       | 13        | 17.83                | 17.65            | 17.87            | 18.50   |
|                        |            | 1       | 24        | 17.80                | 17.68            | 17.96            | 18.50   |
|                        | 64QAM      | 12      | 0         | 17.82                | 17.65            | 18.04            | 18.50   |
|                        |            | 12      | 6         | 18.08                | 17.68            | 17.94            | 18.50   |
|                        |            | 12      | 13        | 17.93                | 17.77            | 17.88            | 18.50   |
|                        | 256QAM     | 25      | 0         | 18.01                | 17.76            | 18.11            | 18.50   |
|                        |            | 1       | 0         | 17.79                | 17.67            | 17.71            | 18.50   |
|                        |            | 1       | 25        | 17.88                | 17.82            | 17.88            | 18.50   |
|                        |            | 1       | 49        | 17.75                | 17.69            | 17.60            | 18.50   |
|                        |            | 25      | 0         | 17.93                | 17.70            | 17.95            | 18.50   |
|                        |            | 25      | 13        | 18.04                | 17.97            | 18.03            | 18.50   |
|                        | 16QAM      | 25      | 25        | 17.95                | 17.68            | 18.01            | 18.50   |
|                        |            | 50      | 0         | 18.09                | 17.77            | 17.85            | 18.50   |
|                        |            | 1       | 0         | 17.99                | 17.86            | 17.51            | 18.50   |
|                        |            | 1       | 25        | 17.86                | 17.60            | 17.93            | 18.50   |
|                        |            | 1       | 49        | 17.89                | 17.47            | 17.84            | 18.50   |
|                        |            | 25      | 0         | 18.24                | 17.78            | 17.87            | 18.50   |
|                        | 64QAM      | 25      | 13        | 17.97                | 17.87            | 18.11            | 18.50   |
|                        |            | 25      | 25        | 18.04                | 17.85            | 17.92            | 18.50   |
|                        |            | 50      | 0         | 18.00                | 17.99            | 17.90            | 18.50   |
|                        |            | 1       | 0         | 18.04                | 17.74            | 17.70            | 18.50   |
|                        |            | 1       | 25        | 17.83                | 17.59            | 17.89            | 18.50   |
|                        |            | 1       | 49        | 17.92                | 17.42            | 17.71            | 18.50   |
|                        | 256QAM     | 25      | 0         | 17.95                | 17.64            | 17.72            | 18.50   |
|                        |            | 25      | 13        | 18.09                | 17.89            | 18.00            | 18.50   |
|                        |            | 25      | 25        | 18.05                | 17.84            | 17.99            | 18.50   |
|                        | 256QAM     | 50      | 0         | 18.03                | 17.86            | 17.99            | 18.50   |
|                        |            | 1       | 0         | 17.83                | 17.60            | 17.62            | 18.50   |
|                        |            | 1       | 25        | 17.73                | 17.73            | 17.86            | 18.50   |
|                        |            | 1       | 49        | 17.73                | 17.64            | 17.95            | 18.50   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 175 of 394

|           |            | 25      | 0         | 17.92   | 17.70   | 17.99   | 18.50   |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            | 25      | 13        | 18.11   | 17.61   | 18.02   | 18.50   |
|           |            | 25      | 25        | 17.94   | 17.82   | 17.89   | 18.50   |
|           |            | 50      | 0         | 18.05   | 17.72   | 18.11   | 18.50   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 42165   | 42590   | 43015   |         |
| 15MHz     | QPSK       | 1       | 0         | 17.80   | 17.66   | 17.68   | 18.50   |
|           |            | 1       | 38        | 17.78   | 17.78   | 17.85   | 18.50   |
|           |            | 1       | 74        | 17.75   | 17.66   | 17.70   | 18.50   |
|           |            | 36      | 0         | 17.99   | 17.77   | 17.88   | 18.50   |
|           |            | 36      | 18        | 18.09   | 17.97   | 18.00   | 18.50   |
|           |            | 36      | 39        | 17.94   | 17.76   | 17.95   | 18.50   |
|           | 16QAM      | 75      | 0         | 18.05   | 17.77   | 17.85   | 18.50   |
|           |            | 1       | 0         | 18.02   | 17.85   | 17.44   | 18.50   |
|           |            | 1       | 38        | 17.93   | 17.56   | 17.84   | 18.50   |
|           |            | 1       | 74        | 17.90   | 17.56   | 17.91   | 18.50   |
|           |            | 36      | 0         | 18.14   | 17.79   | 17.85   | 18.50   |
|           |            | 36      | 18        | 18.02   | 17.95   | 18.02   | 18.50   |
|           | 64QAM      | 36      | 39        | 18.06   | 17.86   | 17.98   | 18.50   |
|           |            | 75      | 0         | 18.01   | 17.89   | 17.99   | 18.50   |
|           |            | 1       | 0         | 17.94   | 17.73   | 17.62   | 18.50   |
|           |            | 1       | 38        | 17.89   | 17.62   | 17.87   | 18.50   |
|           |            | 1       | 74        | 17.82   | 17.49   | 17.70   | 18.50   |
|           |            | 36      | 0         | 17.97   | 17.65   | 17.82   | 18.50   |
| 20MHz     | QPSK       | 36      | 18        | 18.04   | 17.81   | 17.93   | 18.50   |
|           |            | 36      | 39        | 17.98   | 17.84   | 18.03   | 18.50   |
|           |            | 75      | 0         | 18.09   | 17.76   | 18.01   | 18.50   |
|           | 16QAM      | 1       | 0         | 17.86   | 17.53   | 17.64   | 18.50   |
|           |            | 1       | 38        | 17.70   | 17.65   | 17.83   | 18.50   |
|           |            | 1       | 74        | 17.70   | 17.60   | 17.86   | 18.50   |
|           | 64QAM      | 36      | 0         | 17.98   | 17.76   | 18.04   | 18.50   |
|           |            | 36      | 18        | 18.04   | 17.71   | 17.98   | 18.50   |
|           |            | 36      | 39        | 17.87   | 17.77   | 17.97   | 18.50   |
|           |            | 75      | 0         | 18.00   | 17.73   | 18.06   | 18.50   |
|           | 256QAM     | 1       | 0         | 17.89   | 17.75   | 17.83   | 18.50   |
|           |            | 1       | 50        | 17.88   | 17.70   | 17.80   | 18.50   |
|           |            | 1       | 99        | 17.84   | 17.67   | 17.79   | 18.50   |
|           |            | 50      | 0         | 18.01   | 17.77   | 17.90   | 18.50   |
|           |            | 50      | 25        | 18.03   | 17.87   | 18.00   | 18.50   |
|           |            | 50      | 50        | 18.01   | 17.85   | 17.96   | 18.50   |
| 20MHz     | QPSK       | 100     | 0         | 18.01   | 17.85   | 17.89   | 18.50   |
|           |            | 1       | 0         | 17.98   | 17.77   | 17.43   | 18.50   |
|           |            | 1       | 50        | 17.89   | 17.56   | 17.92   | 18.50   |
|           |            | 1       | 99        | 17.88   | 17.59   | 17.83   | 18.50   |
|           |            | 50      | 0         | 18.04   | 17.79   | 17.87   | 18.50   |
|           |            | 50      | 25        | 18.02   | 17.89   | 17.94   | 18.50   |
|           | 16QAM      | 50      | 50        | 18.01   | 17.79   | 18.00   | 18.50   |
|           |            | 100     | 0         | 18.03   | 17.87   | 17.91   | 18.50   |
|           | 64QAM      | 1       | 0         | 17.85   | 17.80   | 17.68   | 18.50   |
|           |            | 1       | 50        | 17.97   | 17.67   | 17.88   | 18.50   |
|           |            | 1       | 99        | 17.77   | 17.54   | 17.79   | 18.50   |
|           |            | 50      | 0         | 18.06   | 17.67   | 17.91   | 18.50   |
|           |            | 50      | 25        | 18.06   | 17.79   | 17.93   | 18.50   |
|           | 256QAM     | 50      | 50        | 18.06   | 17.76   | 17.93   | 18.50   |
|           |            | 100     | 0         | 18.04   | 17.79   | 17.91   | 18.50   |
|           |            | 1       | 0         | 17.84   | 17.59   | 17.70   | 18.50   |
|           |            | 1       | 50        | 17.76   | 17.59   | 17.74   | 18.50   |
|           |            | 1       | 99        | 17.73   | 17.61   | 17.81   | 18.50   |
|           |            | 50      | 0         | 17.98   | 17.81   | 17.94   | 18.50   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 176 of 394

|  |  |     |    |       |       |       |       |
|--|--|-----|----|-------|-------|-------|-------|
|  |  | 50  | 25 | 17.98 | 17.81 | 17.98 | 18.50 |
|  |  | 50  | 50 | 17.92 | 17.81 | 17.95 | 18.50 |
|  |  | 100 | 0  | 17.97 | 17.80 | 17.96 | 18.50 |

| LTE Band 48 DS13/4 |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |            |         |           | 55265                | 55990   | 56715   |         |
| 5MHz               | QPSK       | 1       | 0         | 17.50                | 17.49   | 17.61   | 18.20   |
|                    |            | 1       | 13        | 17.51                | 17.37   | 17.50   | 18.20   |
|                    |            | 1       | 24        | 17.42                | 17.48   | 17.78   | 18.20   |
|                    |            | 12      | 0         | 17.74                | 17.51   | 17.73   | 18.20   |
|                    |            | 12      | 6         | 18.01                | 17.79   | 17.72   | 18.20   |
|                    |            | 12      | 13        | 17.84                | 17.67   | 17.69   | 18.20   |
|                    | 16QAM      | 25      | 0         | 17.61                | 17.60   | 17.73   | 18.20   |
|                    |            | 1       | 0         | 17.60                | 17.43   | 17.44   | 18.20   |
|                    |            | 1       | 13        | 17.73                | 17.67   | 17.67   | 18.20   |
|                    |            | 1       | 24        | 17.45                | 17.36   | 17.62   | 18.20   |
|                    |            | 12      | 0         | 17.83                | 17.35   | 17.82   | 18.20   |
|                    |            | 12      | 6         | 17.90                | 17.67   | 17.68   | 18.20   |
|                    | 64QAM      | 12      | 13        | 17.77                | 17.74   | 18.03   | 18.20   |
|                    |            | 25      | 0         | 17.79                | 17.44   | 17.48   | 18.20   |
|                    |            | 1       | 0         | 17.67                | 17.48   | 17.67   | 18.20   |
|                    |            | 1       | 13        | 17.61                | 17.41   | 17.64   | 18.20   |
|                    |            | 1       | 24        | 17.63                | 17.57   | 17.70   | 18.20   |
|                    |            | 12      | 0         | 17.78                | 17.62   | 17.89   | 18.20   |
|                    | 256QAM     | 12      | 6         | 18.00                | 17.38   | 17.74   | 18.20   |
|                    |            | 12      | 13        | 17.66                | 17.78   | 17.79   | 18.20   |
|                    |            | 25      | 0         | 17.73                | 17.81   | 17.51   | 18.20   |
|                    |            | 1       | 0         | 17.52                | 17.30   | 17.39   | 18.20   |
|                    |            | 1       | 13        | 17.80                | 17.67   | 17.57   | 18.20   |
|                    |            | 1       | 24        | 17.72                | 18.04   | 17.57   | 18.20   |
| 10MHz              | QPSK       | 12      | 0         | 17.65                | 17.59   | 17.75   | 18.20   |
|                    |            | 12      | 6         | 18.07                | 17.49   | 17.71   | 18.20   |
|                    |            | 12      | 13        | 18.00                | 17.76   | 17.75   | 18.20   |
|                    |            | 25      | 0         | 17.80                | 17.57   | 17.86   | 18.20   |
|                    | 16QAM      | 1       | 0         | 17.56                | 17.52   | 17.67   | 18.20   |
|                    |            | 1       | 25        | 17.56                | 17.44   | 17.55   | 18.20   |
|                    |            | 1       | 49        | 17.49                | 17.40   | 17.69   | 18.20   |
|                    |            | 25      | 0         | 17.70                | 17.52   | 17.69   | 18.20   |
|                    |            | 25      | 13        | 18.00                | 17.70   | 17.74   | 18.20   |
|                    |            | 25      | 25        | 17.74                | 17.64   | 17.62   | 18.20   |
|                    | 64QAM      | 50      | 0         | 17.65                | 17.60   | 17.75   | 18.20   |
|                    |            | 1       | 0         | 17.58                | 17.49   | 17.48   | 18.20   |
|                    |            | 1       | 25        | 17.83                | 17.65   | 17.65   | 18.20   |
|                    |            | 1       | 49        | 17.54                | 17.46   | 17.56   | 18.20   |
|                    |            | 25      | 0         | 17.93                | 17.45   | 17.73   | 18.20   |
|                    |            | 25      | 13        | 17.86                | 17.60   | 17.70   | 18.20   |
|                    | 256QAM     | 25      | 25        | 17.78                | 17.73   | 17.94   | 18.20   |
|                    |            | 50      | 0         | 17.82                | 17.51   | 17.57   | 18.20   |
|                    |            | 1       | 0         | 17.57                | 17.50   | 17.69   | 18.20   |
|                    |            | 1       | 25        | 17.60                | 17.38   | 17.64   | 18.20   |
|                    |            | 1       | 49        | 17.64                | 17.48   | 17.75   | 18.20   |
|                    |            | 25      | 0         | 17.76                | 17.56   | 17.84   | 18.20   |
|                    | 256QAM     | 25      | 13        | 17.99                | 17.38   | 17.69   | 18.20   |
|                    |            | 25      | 25        | 17.72                | 17.75   | 17.82   | 18.20   |
|                    |            | 50      | 0         | 17.78                | 17.75   | 17.59   | 18.20   |
|                    |            | 1       | 0         | 17.61                | 17.36   | 17.44   | 18.20   |
|                    |            | 1       | 25        | 17.61                | 17.36   | 17.44   | 18.20   |
|                    |            | 1       | 49        | 17.61                | 17.36   | 17.44   | 18.20   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 177 of 394

|           |            | 1       | 25        | 17.75   | 17.64   | 17.66   | 18.20   |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            | 1       | 49        | 17.69   | 17.94   | 17.67   | 18.20   |
|           |            | 25      | 0         | 17.74   | 17.67   | 17.79   | 18.20   |
|           |            | 25      | 13        | 17.97   | 17.57   | 17.70   | 18.20   |
|           |            | 25      | 25        | 17.91   | 17.78   | 17.78   | 18.20   |
|           |            | 50      | 0         | 17.86   | 17.55   | 17.80   | 18.20   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 55315   | 55990   | 56665   |         |
| 15MHz     | QPSK       | 1       | 0         | 17.65   | 17.53   | 17.68   | 18.20   |
|           |            | 1       | 38        | 17.65   | 17.51   | 17.56   | 18.20   |
|           |            | 1       | 74        | 17.48   | 17.49   | 17.60   | 18.20   |
|           |            | 36      | 0         | 17.74   | 17.56   | 17.74   | 18.20   |
|           |            | 36      | 18        | 17.90   | 17.67   | 17.83   | 18.20   |
|           |            | 36      | 39        | 17.76   | 17.68   | 17.71   | 18.20   |
|           |            | 75      | 0         | 17.75   | 17.66   | 17.72   | 18.20   |
|           | 16QAM      | 1       | 0         | 17.65   | 17.39   | 17.51   | 18.20   |
|           |            | 1       | 38        | 17.73   | 17.57   | 17.55   | 18.20   |
|           |            | 1       | 74        | 17.63   | 17.49   | 17.55   | 18.20   |
|           |            | 36      | 0         | 17.88   | 17.53   | 17.67   | 18.20   |
|           |            | 36      | 18        | 17.90   | 17.57   | 17.64   | 18.20   |
|           |            | 36      | 39        | 17.69   | 17.71   | 17.88   | 18.20   |
|           |            | 75      | 0         | 17.83   | 17.54   | 17.62   | 18.20   |
|           | 64QAM      | 1       | 0         | 17.67   | 17.55   | 17.72   | 18.20   |
|           |            | 1       | 38        | 17.63   | 17.34   | 17.68   | 18.20   |
|           |            | 1       | 74        | 17.61   | 17.55   | 17.65   | 18.20   |
|           |            | 36      | 0         | 17.69   | 17.64   | 17.76   | 18.20   |
|           |            | 36      | 18        | 17.92   | 17.48   | 17.70   | 18.20   |
|           |            | 36      | 39        | 17.75   | 17.79   | 17.76   | 18.20   |
|           |            | 75      | 0         | 17.81   | 17.71   | 17.65   | 18.20   |
|           | 256QAM     | 1       | 0         | 17.56   | 17.37   | 17.54   | 18.20   |
|           |            | 1       | 38        | 17.70   | 17.60   | 17.70   | 18.20   |
|           |            | 1       | 74        | 17.69   | 17.84   | 17.67   | 18.20   |
|           |            | 36      | 0         | 17.79   | 17.58   | 17.81   | 18.20   |
|           |            | 36      | 18        | 17.93   | 17.62   | 17.72   | 18.20   |
|           |            | 36      | 39        | 17.85   | 17.74   | 17.82   | 18.20   |
|           |            | 75      | 0         | 17.89   | 17.58   | 17.70   | 18.20   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 55340   | 55990   | 56640   |         |
| 20MHz     | QPSK       | 1       | 0         | 17.62   | 17.52   | 17.58   | 18.20   |
|           |            | 1       | 50        | 17.62   | 17.53   | 17.60   | 18.20   |
|           |            | 1       | 99        | 17.55   | 17.54   | 17.58   | 18.20   |
|           |            | 50      | 0         | 17.78   | 17.57   | 17.71   | 18.20   |
|           |            | 50      | 25        | 17.81   | 17.60   | 17.73   | 18.20   |
|           |            | 50      | 50        | 17.80   | 17.70   | 17.78   | 18.20   |
|           |            | 100     | 0         | 17.77   | 17.62   | 17.72   | 18.20   |
|           | 16QAM      | 1       | 0         | 17.71   | 17.49   | 17.61   | 18.20   |
|           |            | 1       | 50        | 17.63   | 17.48   | 17.57   | 18.20   |
|           |            | 1       | 99        | 17.59   | 17.57   | 17.50   | 18.20   |
|           |            | 50      | 0         | 17.82   | 17.60   | 17.68   | 18.20   |
|           |            | 50      | 25        | 17.84   | 17.57   | 17.73   | 18.20   |
|           |            | 50      | 50        | 17.79   | 17.68   | 17.79   | 18.20   |
|           |            | 100     | 0         | 17.80   | 17.55   | 17.66   | 18.20   |
|           | 64QAM      | 1       | 0         | 17.59   | 17.54   | 17.66   | 18.20   |
|           |            | 1       | 50        | 17.61   | 17.37   | 17.78   | 18.20   |
|           |            | 1       | 99        | 17.63   | 17.52   | 17.62   | 18.20   |
|           |            | 50      | 0         | 17.74   | 17.62   | 17.72   | 18.20   |
|           |            | 50      | 25        | 17.82   | 17.57   | 17.63   | 18.20   |
|           |            | 50      | 50        | 17.76   | 17.72   | 17.76   | 18.20   |
|           |            | 100     | 0         | 17.75   | 17.65   | 17.68   | 18.20   |
|           | 256QAM     | 1       | 0         | 17.54   | 17.46   | 17.53   | 18.20   |
|           |            | 1       | 50        | 17.61   | 17.55   | 17.70   | 18.20   |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 178 of 394

|  |  |     |    |       |       |       |       |
|--|--|-----|----|-------|-------|-------|-------|
|  |  | 1   | 99 | 17.66 | 17.75 | 17.72 | 18.20 |
|  |  | 50  | 0  | 17.80 | 17.57 | 17.73 | 18.20 |
|  |  | 50  | 25 | 17.83 | 17.62 | 17.75 | 18.20 |
|  |  | 50  | 50 | 17.83 | 17.66 | 17.73 | 18.20 |
|  |  | 100 | 0  | 17.80 | 17.56 | 17.69 | 18.20 |

| LTE Band 48 DS11/5 |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |            |         |           | 55265                | 55990   | 56715   |         |
| 5MHz               | QPSK       | 1       | 0         | 16.68                | 16.62   | 16.49   | 17.20   |
|                    |            | 1       | 13        | 16.53                | 16.37   | 16.49   | 17.20   |
|                    |            | 1       | 24        | 16.43                | 16.58   | 16.80   | 17.20   |
|                    |            | 12      | 0         | 16.70                | 16.70   | 16.81   | 17.20   |
|                    |            | 12      | 6         | 16.69                | 16.66   | 16.73   | 17.20   |
|                    |            | 12      | 13        | 16.84                | 16.71   | 16.60   | 17.20   |
|                    |            | 25      | 0         | 16.96                | 16.48   | 16.89   | 17.20   |
|                    | 16QAM      | 1       | 0         | 16.50                | 16.64   | 16.45   | 17.20   |
|                    |            | 1       | 13        | 16.52                | 16.43   | 16.60   | 17.20   |
|                    |            | 1       | 24        | 16.46                | 16.66   | 16.86   | 17.20   |
|                    |            | 12      | 0         | 16.79                | 16.60   | 16.71   | 17.20   |
|                    |            | 12      | 6         | 16.73                | 16.60   | 16.63   | 17.20   |
|                    |            | 12      | 13        | 16.69                | 16.67   | 16.81   | 17.20   |
|                    |            | 25      | 0         | 16.75                | 16.65   | 16.58   | 17.20   |
|                    | 64QAM      | 1       | 0         | 16.46                | 16.52   | 16.53   | 17.20   |
|                    |            | 1       | 13        | 16.65                | 16.50   | 16.61   | 17.20   |
|                    |            | 1       | 24        | 16.71                | 16.35   | 16.61   | 17.20   |
|                    |            | 12      | 0         | 16.96                | 16.36   | 16.61   | 17.20   |
|                    |            | 12      | 6         | 16.79                | 16.57   | 16.78   | 17.20   |
|                    |            | 12      | 13        | 16.73                | 16.53   | 16.85   | 17.20   |
|                    |            | 25      | 0         | 16.66                | 16.69   | 16.70   | 17.20   |
|                    | 256QAM     | 1       | 0         | 16.60                | 16.43   | 16.42   | 17.20   |
|                    |            | 1       | 13        | 16.65                | 16.61   | 16.67   | 17.20   |
|                    |            | 1       | 24        | 16.56                | 16.65   | 16.79   | 17.20   |
|                    |            | 12      | 0         | 16.65                | 16.53   | 16.82   | 17.20   |
|                    |            | 12      | 6         | 16.73                | 16.62   | 16.70   | 17.20   |
|                    |            | 12      | 13        | 16.94                | 16.67   | 16.82   | 17.20   |
|                    |            | 25      | 0         | 16.85                | 16.60   | 16.69   | 17.20   |
| Bandwidth          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |            |         |           | 55290                | 55990   | 56690   |         |
| 10MHz              | QPSK       | 1       | 0         | 16.58                | 16.52   | 16.50   | 17.20   |
|                    |            | 1       | 25        | 16.58                | 16.37   | 16.55   | 17.20   |
|                    |            | 1       | 49        | 16.53                | 16.57   | 16.77   | 17.20   |
|                    |            | 25      | 0         | 16.74                | 16.68   | 16.87   | 17.20   |
|                    |            | 25      | 13        | 16.79                | 16.70   | 16.72   | 17.20   |
|                    |            | 25      | 25        | 16.82                | 16.76   | 16.65   | 17.20   |
|                    | 16QAM      | 50      | 0         | 16.89                | 16.51   | 16.82   | 17.20   |
|                    |            | 1       | 0         | 16.59                | 16.60   | 16.44   | 17.20   |
|                    |            | 1       | 25        | 16.47                | 16.39   | 16.55   | 17.20   |
|                    |            | 1       | 49        | 16.53                | 16.63   | 16.81   | 17.20   |
|                    |            | 25      | 0         | 16.72                | 16.51   | 16.74   | 17.20   |
|                    |            | 25      | 13        | 16.71                | 16.61   | 16.71   | 17.20   |
|                    | 64QAM      | 25      | 25        | 16.78                | 16.59   | 16.89   | 17.20   |
|                    |            | 50      | 0         | 16.71                | 16.57   | 16.64   | 17.20   |
|                    |            | 1       | 0         | 16.56                | 16.55   | 16.62   | 17.20   |
|                    |            | 1       | 25        | 16.57                | 16.51   | 16.64   | 17.20   |
|                    |            | 1       | 49        | 16.68                | 16.39   | 16.60   | 17.20   |
|                    |            | 25      | 0         | 16.96                | 16.42   | 16.64   | 17.20   |
|                    |            | 25      | 13        | 16.76                | 16.60   | 16.70   | 17.20   |
|                    |            | 25      | 25        | 16.82                | 16.58   | 16.81   | 17.20   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 179 of 394

|           |            |         |           |         |         |         |         |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           | 256QAM     | 50      | 0         | 16.71   | 16.74   | 16.65   | 17.20   |
|           |            | 1       | 0         | 16.66   | 16.52   | 16.51   | 17.20   |
|           |            | 1       | 25        | 16.65   | 16.52   | 16.77   | 17.20   |
|           |            | 1       | 49        | 16.66   | 16.61   | 16.74   | 17.20   |
|           |            | 25      | 0         | 16.74   | 16.49   | 16.78   | 17.20   |
|           |            | 25      | 13        | 16.83   | 16.64   | 16.76   | 17.20   |
|           |            | 25      | 25        | 16.86   | 16.75   | 16.86   | 17.20   |
|           |            | 50      | 0         | 16.86   | 16.51   | 16.73   | 17.20   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 55315   | 55990   | 56665   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.52   | 16.45   | 16.50   | 17.20   |
|           |            | 1       | 38        | 16.67   | 16.44   | 16.61   | 17.20   |
|           |            | 1       | 74        | 16.50   | 16.53   | 16.68   | 17.20   |
|           |            | 36      | 0         | 16.81   | 16.58   | 16.78   | 17.20   |
|           |            | 36      | 18        | 16.79   | 16.67   | 16.63   | 17.20   |
|           |            | 36      | 39        | 16.78   | 16.76   | 16.68   | 17.20   |
|           |            | 75      | 0         | 16.83   | 16.50   | 16.78   | 17.20   |
|           | 16QAM      | 1       | 0         | 16.56   | 16.56   | 16.34   | 17.20   |
|           |            | 1       | 38        | 16.52   | 16.40   | 16.54   | 17.20   |
|           |            | 1       | 74        | 16.55   | 16.58   | 16.84   | 17.20   |
|           |            | 36      | 0         | 16.78   | 16.52   | 16.75   | 17.20   |
|           |            | 36      | 18        | 16.76   | 16.61   | 16.73   | 17.20   |
|           |            | 36      | 39        | 16.74   | 16.69   | 16.79   | 17.20   |
|           |            | 75      | 0         | 16.81   | 16.49   | 16.64   | 17.20   |
|           | 64QAM      | 1       | 0         | 16.49   | 16.57   | 16.57   | 17.20   |
|           |            | 1       | 38        | 16.50   | 16.55   | 16.60   | 17.20   |
|           |            | 1       | 74        | 16.62   | 16.46   | 16.66   | 17.20   |
|           |            | 36      | 0         | 16.88   | 16.49   | 16.67   | 17.20   |
|           |            | 36      | 18        | 16.84   | 16.59   | 16.66   | 17.20   |
|           |            | 36      | 39        | 16.77   | 16.60   | 16.77   | 17.20   |
|           |            | 75      | 0         | 16.78   | 16.67   | 16.72   | 17.20   |
|           | 256QAM     | 1       | 0         | 16.60   | 16.57   | 16.53   | 17.20   |
|           |            | 1       | 38        | 16.59   | 16.48   | 16.70   | 17.20   |
|           |            | 1       | 74        | 16.71   | 16.70   | 16.73   | 17.20   |
|           |            | 36      | 0         | 16.72   | 16.52   | 16.74   | 17.20   |
|           |            | 36      | 18        | 16.86   | 16.70   | 16.68   | 17.20   |
|           |            | 36      | 39        | 16.77   | 16.75   | 16.86   | 17.20   |
|           |            | 75      | 0         | 16.82   | 16.49   | 16.77   | 17.20   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 55340   | 55990   | 56640   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.60   | 16.46   | 16.58   | 17.20   |
|           |            | 1       | 50        | 16.63   | 16.50   | 16.61   | 17.20   |
|           |            | 1       | 99        | 16.59   | 16.44   | 16.60   | 17.20   |
|           |            | 50      | 0         | 16.81   | 16.66   | 16.78   | 17.20   |
|           |            | 50      | 25        | 16.79   | 16.63   | 16.70   | 17.20   |
|           |            | 50      | 50        | 16.78   | 16.60   | 16.63   | 17.20   |
|           |            | 100     | 0         | 16.77   | 16.60   | 16.68   | 17.20   |
|           | 16QAM      | 1       | 0         | 16.55   | 16.48   | 16.39   | 17.20   |
|           |            | 1       | 50        | 16.48   | 16.50   | 16.57   | 17.20   |
|           |            | 1       | 99        | 16.56   | 16.48   | 16.74   | 17.20   |
|           |            | 50      | 0         | 16.69   | 16.53   | 16.70   | 17.20   |
|           |            | 50      | 25        | 16.79   | 16.63   | 16.70   | 17.20   |
|           |            | 50      | 50        | 16.81   | 16.66   | 16.76   | 17.20   |
|           |            | 100     | 0         | 16.77   | 16.59   | 16.66   | 17.20   |
|           | 64QAM      | 1       | 0         | 16.55   | 16.54   | 16.56   | 17.20   |
|           |            | 1       | 50        | 16.59   | 16.57   | 16.60   | 17.20   |
|           |            | 1       | 99        | 16.72   | 16.41   | 16.68   | 17.20   |
|           |            | 50      | 0         | 16.80   | 16.57   | 16.74   | 17.20   |
|           |            | 50      | 25        | 16.77   | 16.61   | 16.71   | 17.20   |
|           |            | 50      | 50        | 16.78   | 16.69   | 16.74   | 17.20   |
|           |            | 100     | 0         | 16.80   | 16.60   | 16.65   | 17.20   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 180 of 394

|  |        |     |    |       |       |       |       |
|--|--------|-----|----|-------|-------|-------|-------|
|  | 256QAM | 1   | 0  | 16.61 | 16.52 | 16.60 | 17.20 |
|  |        | 1   | 50 | 16.67 | 16.51 | 16.66 | 17.20 |
|  |        | 1   | 99 | 16.80 | 16.68 | 16.72 | 17.20 |
|  |        | 50  | 0  | 16.75 | 16.58 | 16.70 | 17.20 |
|  |        | 50  | 25 | 16.83 | 16.63 | 16.70 | 17.20 |
|  |        | 50  | 50 | 16.73 | 16.74 | 16.80 | 17.20 |
|  |        | 100 | 0  | 16.75 | 16.58 | 16.68 | 17.20 |



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## 1.8 Conducted Power of Legacy (Ant9)

| LTE Band 42 DSI3/4 |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |            |         |           | 42115                | 42590   | 43065   |         |
| 5MHz               | QPSK       | 1       | 0         | 19.14                | 18.86   | 18.79   | 20.30   |
|                    |            | 1       | 13        | 19.19                | 18.73   | 18.92   | 20.30   |
|                    |            | 1       | 24        | 19.11                | 18.94   | 18.82   | 20.30   |
|                    |            | 12      | 0         | 18.95                | 19.06   | 19.12   | 20.30   |
|                    |            | 12      | 6         | 19.18                | 19.27   | 19.25   | 20.30   |
|                    |            | 12      | 13        | 19.28                | 18.94   | 19.18   | 20.30   |
|                    |            | 25      | 0         | 19.19                | 19.03   | 19.07   | 20.30   |
|                    | 16QAM      | 1       | 0         | 19.00                | 18.64   | 19.04   | 20.30   |
|                    |            | 1       | 13        | 18.95                | 18.96   | 18.90   | 20.30   |
|                    |            | 1       | 24        | 18.81                | 18.78   | 18.80   | 20.30   |
|                    |            | 12      | 0         | 18.94                | 18.93   | 19.04   | 20.30   |
|                    |            | 12      | 6         | 19.08                | 18.69   | 18.95   | 20.30   |
|                    |            | 12      | 13        | 18.85                | 18.75   | 19.08   | 20.30   |
|                    |            | 25      | 0         | 18.96                | 18.90   | 18.81   | 20.30   |
|                    | 64QAM      | 1       | 0         | 18.86                | 18.84   | 18.71   | 20.30   |
|                    |            | 1       | 13        | 18.88                | 18.75   | 19.12   | 20.30   |
|                    |            | 1       | 24        | 19.02                | 18.66   | 18.87   | 20.30   |
|                    |            | 12      | 0         | 18.91                | 17.78   | 17.98   | 19.30   |
|                    |            | 12      | 6         | 18.86                | 17.92   | 17.91   | 19.30   |
|                    |            | 12      | 13        | 19.13                | 17.82   | 17.91   | 19.30   |
|                    |            | 25      | 0         | 19.00                | 17.80   | 18.20   | 19.30   |
|                    | 256QAM     | 1       | 0         | 15.94                | 15.68   | 15.75   | 17.30   |
|                    |            | 1       | 13        | 16.17                | 15.65   | 15.62   | 17.30   |
|                    |            | 1       | 24        | 16.17                | 15.82   | 16.10   | 17.30   |
|                    |            | 12      | 0         | 16.11                | 15.60   | 15.91   | 17.30   |
|                    |            | 12      | 6         | 16.08                | 15.94   | 16.07   | 17.30   |
|                    |            | 12      | 13        | 16.03                | 15.76   | 15.93   | 17.30   |
|                    |            | 25      | 0         | 16.03                | 15.62   | 16.04   | 17.30   |
| Bandwidth          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |            |         |           | 42140                | 42590   | 43040   |         |
| 10MHz              | QPSK       | 1       | 0         | 19.15                | 18.92   | 18.78   | 20.30   |
|                    |            | 1       | 25        | 19.12                | 18.72   | 18.93   | 20.30   |
|                    |            | 1       | 49        | 19.06                | 18.88   | 18.86   | 20.30   |
|                    |            | 25      | 0         | 19.05                | 19.12   | 19.05   | 20.30   |
|                    |            | 25      | 13        | 19.15                | 19.18   | 19.22   | 20.30   |
|                    |            | 25      | 25        | 19.37                | 18.89   | 19.15   | 20.30   |
|                    |            | 50      | 0         | 19.20                | 19.10   | 18.99   | 20.30   |
|                    | 16QAM      | 1       | 0         | 19.08                | 18.65   | 18.95   | 20.30   |
|                    |            | 1       | 25        | 19.03                | 18.93   | 18.90   | 20.30   |
|                    |            | 1       | 49        | 18.89                | 18.78   | 18.88   | 20.30   |
|                    |            | 25      | 0         | 19.00                | 18.93   | 18.97   | 20.30   |
|                    |            | 25      | 13        | 19.14                | 18.79   | 18.96   | 20.30   |
|                    |            | 25      | 25        | 18.85                | 18.75   | 19.00   | 20.30   |
|                    |            | 50      | 0         | 18.93                | 18.85   | 18.88   | 20.30   |
|                    | 64QAM      | 1       | 0         | 18.90                | 18.78   | 18.62   | 20.30   |
|                    |            | 1       | 25        | 18.92                | 18.75   | 19.05   | 20.30   |
|                    |            | 1       | 49        | 18.93                | 18.60   | 18.85   | 20.30   |
|                    |            | 25      | 0         | 18.96                | 17.86   | 17.95   | 19.30   |
|                    |            | 25      | 13        | 18.96                | 17.93   | 17.92   | 19.30   |
|                    |            | 25      | 25        | 19.07                | 17.92   | 17.94   | 19.30   |
|                    |            | 50      | 0         | 19.07                | 17.83   | 18.10   | 19.30   |
|                    | 256QAM     | 1       | 0         | 15.90                | 15.70   | 15.80   | 17.30   |
|                    |            | 1       | 25        | 16.09                | 15.55   | 15.65   | 17.30   |
|                    |            | 1       | 49        | 16.11                | 15.72   | 16.02   | 17.30   |



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 182 of 394

|           |            | 25      | 0         | 16.11   | 15.70   | 15.99   | 17.30   |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            | 25      | 13        | 16.10   | 16.04   | 16.04   | 17.30   |
|           |            | 25      | 25        | 16.11   | 15.67   | 15.92   | 17.30   |
|           |            | 50      | 0         | 15.99   | 15.70   | 15.99   | 17.30   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 42165   | 42590   | 43015   |         |
| 15MHz     | QPSK       | 1       | 0         | 19.18   | 18.90   | 18.83   | 20.30   |
|           |            | 1       | 38        | 19.17   | 18.73   | 18.92   | 20.30   |
|           |            | 1       | 74        | 19.01   | 18.78   | 18.84   | 20.30   |
|           |            | 36      | 0         | 19.13   | 19.05   | 19.14   | 20.30   |
|           |            | 36      | 18        | 19.19   | 19.08   | 19.21   | 20.30   |
|           |            | 36      | 39        | 19.31   | 18.91   | 19.12   | 20.30   |
|           | 16QAM      | 75      | 0         | 19.17   | 19.10   | 19.06   | 20.30   |
|           |            | 1       | 0         | 19.18   | 18.69   | 18.87   | 20.30   |
|           |            | 1       | 38        | 19.10   | 18.91   | 18.98   | 20.30   |
|           |            | 1       | 74        | 18.94   | 18.86   | 18.95   | 20.30   |
|           |            | 36      | 0         | 18.99   | 18.95   | 18.97   | 20.30   |
|           |            | 36      | 18        | 19.16   | 18.80   | 18.91   | 20.30   |
|           | 64QAM      | 36      | 39        | 18.95   | 18.74   | 18.96   | 20.30   |
|           |            | 75      | 0         | 19.00   | 18.91   | 18.91   | 20.30   |
|           |            | 1       | 0         | 18.95   | 18.76   | 18.64   | 20.30   |
|           |            | 1       | 38        | 18.98   | 18.82   | 19.00   | 20.30   |
|           |            | 1       | 74        | 19.02   | 18.69   | 18.83   | 20.30   |
|           |            | 36      | 0         | 19.00   | 17.80   | 17.99   | 19.30   |
| 20MHz     | QPSK       | 36      | 18        | 19.06   | 17.95   | 17.96   | 19.30   |
|           |            | 36      | 39        | 18.99   | 17.85   | 18.01   | 19.30   |
|           |            | 75      | 0         | 19.01   | 17.88   | 18.00   | 19.30   |
|           | 16QAM      | 1       | 0         | 15.86   | 15.71   | 15.70   | 17.30   |
|           |            | 1       | 38        | 16.03   | 15.61   | 15.71   | 17.30   |
|           |            | 1       | 74        | 16.06   | 15.72   | 15.96   | 17.30   |
|           | 64QAM      | 36      | 0         | 16.04   | 15.75   | 15.90   | 17.30   |
|           |            | 36      | 18        | 16.02   | 15.97   | 15.97   | 17.30   |
|           |            | 36      | 39        | 16.01   | 15.72   | 15.97   | 17.30   |
|           |            | 75      | 0         | 16.06   | 15.75   | 16.00   | 17.30   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 42190   | 42590   | 42990   |         |
| 20MHz     | QPSK       | 1       | 0         | 19.14   | 18.86   | 18.93   | 20.30   |
|           |            | 1       | 50        | 19.13   | 18.74   | 18.97   | 20.30   |
|           |            | 1       | 99        | 19.05   | 18.79   | 18.93   | 20.30   |
|           |            | 50      | 0         | 19.23   | 19.07   | 19.09   | 20.30   |
|           |            | 50      | 25        | 19.26   | 18.98   | 19.14   | 20.30   |
|           |            | 50      | 50        | 19.26   | 19.00   | 19.18   | 20.30   |
|           | 16QAM      | 100     | 0         | 19.20   | 19.02   | 19.13   | 20.30   |
|           |            | 1       | 0         | 19.10   | 18.68   | 18.91   | 20.30   |
|           |            | 1       | 50        | 19.10   | 18.88   | 18.97   | 20.30   |
|           |            | 1       | 99        | 19.01   | 18.84   | 18.96   | 20.30   |
|           |            | 50      | 0         | 19.05   | 18.86   | 18.95   | 20.30   |
|           |            | 50      | 25        | 19.10   | 18.85   | 18.99   | 20.30   |
|           | 64QAM      | 50      | 50        | 19.03   | 18.84   | 19.01   | 20.30   |
|           |            | 100     | 0         | 19.06   | 18.86   | 18.92   | 20.30   |
|           |            | 1       | 0         | 19.03   | 18.85   | 18.73   | 20.30   |
|           |            | 1       | 50        | 18.92   | 18.83   | 18.95   | 20.30   |
|           |            | 1       | 99        | 18.98   | 18.69   | 18.88   | 20.30   |
|           |            | 50      | 0         | 19.10   | 17.83   | 17.96   | 19.30   |
| 20MHz     | 256QAM     | 50      | 25        | 19.05   | 17.88   | 17.97   | 19.30   |
|           |            | 50      | 50        | 19.07   | 17.81   | 17.93   | 19.30   |
|           |            | 100     | 0         | 19.07   | 17.86   | 17.95   | 19.30   |
|           |            | 1       | 0         | 15.90   | 15.78   | 15.80   | 17.30   |
|           |            | 1       | 50        | 15.97   | 15.61   | 15.80   | 17.30   |
|           |            | 1       | 99        | 16.06   | 15.77   | 15.93   | 17.30   |
|           | 256QAM     | 50      | 0         | 16.06   | 15.81   | 15.96   | 17.30   |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 183 of 394

|  |  |     |    |       |       |       |       |
|--|--|-----|----|-------|-------|-------|-------|
|  |  | 50  | 25 | 16.08 | 15.87 | 15.99 | 17.30 |
|  |  | 50  | 50 | 16.09 | 15.82 | 15.97 | 17.30 |
|  |  | 100 | 0  | 16.07 | 15.85 | 15.95 | 17.30 |

| LTE Band 42 DS11/5 |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |            |         |           | 42115                | 42590   | 43065   |         |
| 5MHz               | QPSK       | 1       | 0         | 17.19                | 17.02   | 17.03   | 18.30   |
|                    |            | 1       | 13        | 17.32                | 16.87   | 16.91   | 18.30   |
|                    |            | 1       | 24        | 16.86                | 16.76   | 17.00   | 18.30   |
|                    |            | 12      | 0         | 17.29                | 17.14   | 17.26   | 18.30   |
|                    |            | 12      | 6         | 17.23                | 16.98   | 17.08   | 18.30   |
|                    |            | 12      | 13        | 17.06                | 17.15   | 17.02   | 18.30   |
|                    | 16QAM      | 25      | 0         | 17.38                | 16.86   | 17.04   | 18.30   |
|                    |            | 1       | 0         | 17.21                | 16.84   | 17.03   | 18.30   |
|                    |            | 1       | 13        | 17.03                | 16.83   | 16.89   | 18.30   |
|                    |            | 1       | 24        | 17.26                | 16.90   | 16.92   | 18.30   |
|                    |            | 12      | 0         | 17.28                | 17.08   | 17.06   | 18.30   |
|                    |            | 12      | 6         | 17.27                | 16.97   | 17.21   | 18.30   |
|                    | 64QAM      | 12      | 13        | 17.42                | 17.24   | 17.06   | 18.30   |
|                    |            | 25      | 0         | 17.22                | 17.00   | 16.92   | 18.30   |
|                    |            | 1       | 0         | 16.64                | 16.90   | 16.92   | 18.30   |
|                    |            | 1       | 13        | 17.02                | 16.89   | 17.29   | 18.30   |
|                    |            | 1       | 24        | 17.16                | 16.74   | 17.21   | 18.30   |
|                    |            | 12      | 0         | 17.25                | 17.08   | 17.22   | 18.30   |
| 10MHz              | QPSK       | 12      | 6         | 17.41                | 17.11   | 17.32   | 18.30   |
|                    |            | 12      | 13        | 17.24                | 17.01   | 17.19   | 18.30   |
|                    |            | 25      | 0         | 17.31                | 16.91   | 16.95   | 18.30   |
|                    | 16QAM      | 1       | 0         | 16.01                | 15.70   | 15.95   | 17.30   |
|                    |            | 1       | 13        | 15.75                | 15.82   | 15.48   | 17.30   |
|                    |            | 1       | 24        | 16.02                | 15.66   | 15.95   | 17.30   |
|                    | 64QAM      | 12      | 0         | 16.14                | 15.71   | 15.79   | 17.30   |
|                    |            | 12      | 6         | 16.23                | 15.80   | 15.92   | 17.30   |
|                    |            | 12      | 13        | 16.08                | 15.98   | 15.95   | 17.30   |
|                    |            | 25      | 0         | 16.04                | 16.00   | 16.07   | 17.30   |
|                    | 256QAM     | 1       | 0         | 17.25                | 16.98   | 16.97   | 18.30   |
|                    |            | 1       | 25        | 17.28                | 16.84   | 16.92   | 18.30   |
|                    |            | 1       | 49        | 16.92                | 16.79   | 16.95   | 18.30   |
|                    |            | 25      | 0         | 17.37                | 17.13   | 17.18   | 18.30   |
|                    |            | 25      | 13        | 17.19                | 17.03   | 17.14   | 18.30   |
|                    |            | 25      | 25        | 17.15                | 17.11   | 17.02   | 18.30   |
|                    | 16QAM      | 50      | 0         | 17.28                | 16.87   | 17.09   | 18.30   |
|                    |            | 1       | 0         | 17.19                | 16.86   | 16.96   | 18.30   |
|                    |            | 1       | 25        | 17.02                | 16.83   | 16.94   | 18.30   |
|                    |            | 1       | 49        | 17.16                | 16.84   | 16.90   | 18.30   |
|                    |            | 25      | 0         | 17.22                | 17.11   | 17.10   | 18.30   |
|                    |            | 25      | 13        | 17.29                | 17.01   | 17.15   | 18.30   |
|                    | 64QAM      | 25      | 25        | 17.48                | 17.14   | 17.13   | 18.30   |
|                    |            | 50      | 0         | 17.32                | 16.92   | 16.96   | 18.30   |
|                    |            | 1       | 0         | 16.71                | 16.84   | 17.00   | 18.30   |
|                    |            | 1       | 25        | 17.03                | 16.97   | 17.19   | 18.30   |
|                    |            | 1       | 49        | 17.08                | 16.80   | 17.20   | 18.30   |
|                    |            | 25      | 0         | 17.17                | 17.02   | 17.14   | 18.30   |
|                    | 256QAM     | 25      | 13        | 17.42                | 17.03   | 17.28   | 18.30   |
|                    |            | 25      | 25        | 17.24                | 16.91   | 17.15   | 18.30   |
|                    |            | 50      | 0         | 17.28                | 16.94   | 17.02   | 18.30   |
|                    |            | 1       | 0         | 16.03                | 15.74   | 15.93   | 17.30   |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 184 of 394

|           |            | 1       | 25        | 15.68   | 15.72   | 15.53   | 17.30   |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            | 1       | 49        | 15.92   | 15.70   | 16.00   | 17.30   |
|           |            | 25      | 0         | 16.17   | 15.69   | 15.89   | 17.30   |
|           |            | 25      | 13        | 16.17   | 15.81   | 15.90   | 17.30   |
|           |            | 25      | 25        | 16.08   | 15.98   | 15.91   | 17.30   |
|           |            | 50      | 0         | 16.13   | 15.97   | 16.08   | 17.30   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 42165   | 42590   | 43015   |         |
| 15MHz     | QPSK       | 1       | 0         | 17.17   | 16.99   | 16.97   | 18.30   |
|           |            | 1       | 38        | 17.21   | 16.85   | 17.02   | 18.30   |
|           |            | 1       | 74        | 16.94   | 16.77   | 16.89   | 18.30   |
|           |            | 36      | 0         | 17.36   | 17.08   | 17.22   | 18.30   |
|           |            | 36      | 18        | 17.21   | 16.99   | 17.20   | 18.30   |
|           |            | 36      | 39        | 17.14   | 17.02   | 17.11   | 18.30   |
|           |            | 75      | 0         | 17.23   | 16.96   | 17.16   | 18.30   |
|           | 16QAM      | 1       | 0         | 17.13   | 16.80   | 17.05   | 18.30   |
|           |            | 1       | 38        | 17.10   | 16.84   | 16.89   | 18.30   |
|           |            | 1       | 74        | 17.20   | 16.83   | 16.96   | 18.30   |
|           |            | 36      | 0         | 17.24   | 17.03   | 17.03   | 18.30   |
|           |            | 36      | 18        | 17.23   | 17.11   | 17.12   | 18.30   |
|           |            | 36      | 39        | 17.38   | 17.04   | 17.08   | 18.30   |
|           |            | 75      | 0         | 17.24   | 16.99   | 17.06   | 18.30   |
|           | 64QAM      | 1       | 0         | 16.81   | 16.74   | 17.04   | 18.30   |
|           |            | 1       | 38        | 16.97   | 17.03   | 17.09   | 18.30   |
|           |            | 1       | 74        | 16.99   | 16.81   | 17.10   | 18.30   |
|           |            | 36      | 0         | 17.25   | 16.97   | 17.18   | 18.30   |
|           |            | 36      | 18        | 17.32   | 17.02   | 17.19   | 18.30   |
|           |            | 36      | 39        | 17.21   | 16.90   | 17.07   | 18.30   |
|           |            | 75      | 0         | 17.23   | 16.94   | 17.10   | 18.30   |
|           | 256QAM     | 1       | 0         | 15.98   | 15.75   | 15.86   | 17.30   |
|           |            | 1       | 38        | 15.76   | 15.64   | 15.61   | 17.30   |
|           |            | 1       | 74        | 15.97   | 15.78   | 15.96   | 17.30   |
|           |            | 36      | 0         | 16.16   | 15.74   | 15.91   | 17.30   |
|           |            | 36      | 18        | 16.12   | 15.89   | 15.93   | 17.30   |
|           |            | 36      | 39        | 16.00   | 15.89   | 15.97   | 17.30   |
|           |            | 75      | 0         | 16.09   | 15.89   | 15.98   | 17.30   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 42190   | 42590   | 42990   |         |
| 20MHz     | QPSK       | 1       | 0         | 17.16   | 16.91   | 16.95   | 18.30   |
|           |            | 1       | 50        | 17.13   | 16.83   | 16.85   | 18.30   |
|           |            | 1       | 99        | 16.92   | 16.79   | 16.90   | 18.30   |
|           |            | 50      | 0         | 17.27   | 17.03   | 17.12   | 18.30   |
|           |            | 50      | 25        | 17.28   | 17.03   | 17.17   | 18.30   |
|           |            | 50      | 50        | 17.23   | 17.02   | 17.11   | 18.30   |
|           |            | 100     | 0         | 17.22   | 17.05   | 17.14   | 18.30   |
|           | 16QAM      | 1       | 0         | 17.17   | 16.86   | 17.06   | 18.30   |
|           |            | 1       | 50        | 17.07   | 16.88   | 16.84   | 18.30   |
|           |            | 1       | 99        | 17.16   | 16.78   | 17.01   | 18.30   |
|           |            | 50      | 0         | 17.29   | 17.06   | 17.11   | 18.30   |
|           |            | 50      | 25        | 17.29   | 17.05   | 17.14   | 18.30   |
|           |            | 50      | 50        | 17.29   | 17.03   | 17.15   | 18.30   |
|           |            | 100     | 0         | 17.26   | 17.01   | 17.14   | 18.30   |
|           | 64QAM      | 1       | 0         | 16.89   | 16.83   | 16.97   | 18.30   |
|           |            | 1       | 50        | 17.06   | 17.00   | 17.07   | 18.30   |
|           |            | 1       | 99        | 17.07   | 16.79   | 17.10   | 18.30   |
|           |            | 50      | 0         | 17.28   | 17.01   | 17.12   | 18.30   |
|           |            | 50      | 25        | 17.28   | 17.02   | 17.12   | 18.30   |
|           |            | 50      | 50        | 17.25   | 16.96   | 17.14   | 18.30   |
|           |            | 100     | 0         | 17.26   | 17.02   | 17.09   | 18.30   |
|           | 256QAM     | 1       | 0         | 15.93   | 15.71   | 15.80   | 17.30   |
|           |            | 1       | 50        | 15.80   | 15.61   | 15.60   | 17.30   |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 185 of 394

|  |  |     |    |       |       |       |       |
|--|--|-----|----|-------|-------|-------|-------|
|  |  | 1   | 99 | 15.88 | 15.87 | 15.86 | 17.30 |
|  |  | 50  | 0  | 16.06 | 15.83 | 15.92 | 17.30 |
|  |  | 50  | 25 | 16.08 | 15.83 | 15.97 | 17.30 |
|  |  | 50  | 50 | 16.07 | 15.82 | 15.95 | 17.30 |
|  |  | 100 | 0  | 16.05 | 15.80 | 15.95 | 17.30 |

| LTE Band 48 DS11/3/4/5 |            |         |           | Conducted Power(dBm) |                  |                  |         |
|------------------------|------------|---------|-----------|----------------------|------------------|------------------|---------|
| Bandwidth              | Modulation | RB size | RB offset | Channel<br>55265     | Channel<br>55990 | Channel<br>56715 | Tune up |
| 5MHz                   | QPSK       | 1       | 0         | 15.59                | 15.28            | 15.18            | 17.00   |
|                        |            | 1       | 13        | 15.73                | 15.57            | 15.40            | 17.00   |
|                        |            | 1       | 24        | 15.65                | 15.18            | 15.36            | 17.00   |
|                        |            | 12      | 0         | 15.86                | 15.63            | 15.58            | 17.00   |
|                        |            | 12      | 6         | 15.82                | 15.54            | 15.61            | 17.00   |
|                        |            | 12      | 13        | 15.75                | 15.42            | 15.62            | 17.00   |
|                        |            | 25      | 0         | 15.94                | 15.53            | 15.50            | 17.00   |
|                        | 16QAM      | 1       | 0         | 15.52                | 15.24            | 15.50            | 17.00   |
|                        |            | 1       | 13        | 15.88                | 15.55            | 15.30            | 17.00   |
|                        |            | 1       | 24        | 15.45                | 15.36            | 15.20            | 17.00   |
|                        |            | 12      | 0         | 15.81                | 15.55            | 15.40            | 17.00   |
|                        |            | 12      | 6         | 15.96                | 15.41            | 15.72            | 17.00   |
|                        |            | 12      | 13        | 15.61                | 15.70            | 15.44            | 17.00   |
|                        |            | 25      | 0         | 15.90                | 15.43            | 15.54            | 17.00   |
|                        | 64QAM      | 1       | 0         | 15.75                | 15.49            | 15.43            | 17.00   |
|                        |            | 1       | 13        | 15.75                | 15.41            | 15.46            | 17.00   |
|                        |            | 1       | 24        | 15.79                | 15.35            | 15.50            | 17.00   |
|                        |            | 12      | 0         | 15.69                | 15.36            | 15.52            | 17.00   |
|                        |            | 12      | 6         | 15.66                | 15.45            | 15.30            | 17.00   |
|                        |            | 12      | 13        | 15.59                | 15.44            | 15.49            | 17.00   |
|                        |            | 25      | 0         | 15.99                | 15.28            | 15.51            | 17.00   |
|                        | 256QAM     | 1       | 0         | 14.12                | 13.66            | 13.73            | 15.00   |
|                        |            | 1       | 13        | 13.87                | 13.60            | 13.71            | 15.00   |
|                        |            | 1       | 24        | 13.80                | 13.74            | 13.66            | 15.00   |
|                        |            | 12      | 0         | 14.16                | 13.87            | 13.80            | 15.00   |
|                        |            | 12      | 6         | 14.08                | 13.78            | 13.92            | 15.00   |
|                        |            | 12      | 13        | 13.99                | 13.77            | 13.97            | 15.00   |
|                        |            | 25      | 0         | 14.07                | 13.83            | 13.80            | 15.00   |
| Bandwidth              | Modulation | RB size | RB offset | Channel<br>55290     | Channel<br>55990 | Channel<br>56690 | Tune up |
| 10MHz                  | QPSK       | 1       | 0         | 15.63                | 15.19            | 15.26            | 17.00   |
|                        |            | 1       | 25        | 15.69                | 15.54            | 15.37            | 17.00   |
|                        |            | 1       | 49        | 15.65                | 15.25            | 15.44            | 17.00   |
|                        |            | 25      | 0         | 15.91                | 15.53            | 15.61            | 17.00   |
|                        |            | 25      | 13        | 15.75                | 15.57            | 15.54            | 17.00   |
|                        |            | 25      | 25        | 15.65                | 15.49            | 15.67            | 17.00   |
|                        | 16QAM      | 50      | 0         | 15.87                | 15.57            | 15.50            | 17.00   |
|                        |            | 1       | 0         | 15.50                | 15.31            | 15.43            | 17.00   |
|                        |            | 1       | 25        | 15.80                | 15.49            | 15.27            | 17.00   |
|                        |            | 1       | 49        | 15.49                | 15.40            | 15.25            | 17.00   |
|                        |            | 25      | 0         | 15.83                | 15.53            | 15.43            | 17.00   |
|                        |            | 25      | 13        | 15.88                | 15.47            | 15.63            | 17.00   |
|                        | 64QAM      | 25      | 25        | 15.64                | 15.60            | 15.46            | 17.00   |
|                        |            | 50      | 0         | 15.88                | 15.46            | 15.45            | 17.00   |
|                        |            | 1       | 0         | 15.76                | 15.48            | 15.43            | 17.00   |
|                        |            | 1       | 25        | 15.68                | 15.39            | 15.45            | 17.00   |
|                        |            | 1       | 49        | 15.73                | 15.42            | 15.57            | 17.00   |
|                        |            | 25      | 0         | 15.65                | 15.36            | 15.42            | 17.00   |
|                        |            | 25      | 13        | 15.71                | 15.50            | 15.37            | 17.00   |
|                        |            | 25      | 25        | 15.60                | 15.43            | 15.57            | 17.00   |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 186 of 394

|           | 256QAM     | 50      | 0         | 15.93   | 15.36   | 15.61   | 17.00   |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            | 1       | 0         | 14.07   | 13.76   | 13.82   | 15.00   |
|           |            | 1       | 25        | 13.93   | 13.65   | 13.75   | 15.00   |
|           |            | 1       | 49        | 13.89   | 13.84   | 13.73   | 15.00   |
|           |            | 25      | 0         | 14.20   | 13.90   | 13.85   | 15.00   |
|           |            | 25      | 13        | 14.09   | 13.84   | 13.82   | 15.00   |
|           |            | 25      | 25        | 14.09   | 13.75   | 14.03   | 15.00   |
|           |            | 50      | 0         | 14.10   | 13.84   | 13.76   | 15.00   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 55315   | 55990   | 56665   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.62   | 15.25   | 15.36   | 17.00   |
|           |            | 1       | 38        | 15.62   | 15.46   | 15.45   | 17.00   |
|           |            | 1       | 74        | 15.59   | 15.32   | 15.35   | 17.00   |
|           |            | 36      | 0         | 15.84   | 15.50   | 15.59   | 17.00   |
|           |            | 36      | 18        | 15.77   | 15.50   | 15.54   | 17.00   |
|           |            | 36      | 39        | 15.72   | 15.52   | 15.65   | 17.00   |
|           |            | 75      | 0         | 15.80   | 15.61   | 15.49   | 17.00   |
|           | 16QAM      | 1       | 0         | 15.56   | 15.30   | 15.42   | 17.00   |
|           |            | 1       | 38        | 15.71   | 15.43   | 15.34   | 17.00   |
|           |            | 1       | 74        | 15.55   | 15.46   | 15.29   | 17.00   |
|           |            | 36      | 0         | 15.86   | 15.49   | 15.37   | 17.00   |
|           |            | 36      | 18        | 15.84   | 15.42   | 15.54   | 17.00   |
|           |            | 36      | 39        | 15.66   | 15.59   | 15.45   | 17.00   |
|           |            | 75      | 0         | 15.81   | 15.56   | 15.47   | 17.00   |
|           | 64QAM      | 1       | 0         | 15.68   | 15.44   | 15.45   | 17.00   |
|           |            | 1       | 38        | 15.68   | 15.41   | 15.40   | 17.00   |
|           |            | 1       | 74        | 15.70   | 15.52   | 15.48   | 17.00   |
|           |            | 36      | 0         | 15.75   | 15.46   | 15.51   | 17.00   |
|           |            | 36      | 18        | 15.68   | 15.56   | 15.37   | 17.00   |
|           |            | 36      | 39        | 15.65   | 15.49   | 15.51   | 17.00   |
|           |            | 75      | 0         | 15.86   | 15.46   | 15.58   | 17.00   |
|           | 256QAM     | 1       | 0         | 14.02   | 13.66   | 13.83   | 15.00   |
|           |            | 1       | 38        | 13.94   | 13.59   | 13.69   | 15.00   |
|           |            | 1       | 74        | 13.93   | 13.90   | 13.64   | 15.00   |
|           |            | 36      | 0         | 14.14   | 13.80   | 13.82   | 15.00   |
|           |            | 36      | 18        | 14.16   | 13.81   | 13.88   | 15.00   |
|           |            | 36      | 39        | 14.00   | 13.80   | 13.95   | 15.00   |
|           |            | 75      | 0         | 14.07   | 13.83   | 13.73   | 15.00   |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 55340   | 55990   | 56640   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.59   | 15.34   | 15.38   | 17.00   |
|           |            | 1       | 50        | 15.63   | 15.41   | 15.41   | 17.00   |
|           |            | 1       | 99        | 15.59   | 15.40   | 15.34   | 17.00   |
|           |            | 50      | 0         | 15.79   | 15.58   | 15.60   | 17.00   |
|           |            | 50      | 25        | 15.79   | 15.54   | 15.48   | 17.00   |
|           |            | 50      | 50        | 15.78   | 15.50   | 15.56   | 17.00   |
|           | 16QAM      | 100     | 0         | 15.80   | 15.52   | 15.45   | 17.00   |
|           |            | 1       | 0         | 15.64   | 15.32   | 15.39   | 17.00   |
|           |            | 1       | 50        | 15.62   | 15.36   | 15.36   | 17.00   |
|           |            | 1       | 99        | 15.65   | 15.46   | 15.35   | 17.00   |
|           |            | 50      | 0         | 15.76   | 15.47   | 15.46   | 17.00   |
|           |            | 50      | 25        | 15.79   | 15.46   | 15.48   | 17.00   |
|           | 64QAM      | 50      | 50        | 15.75   | 15.55   | 15.55   | 17.00   |
|           |            | 100     | 0         | 15.73   | 15.53   | 15.47   | 17.00   |
|           |            | 1       | 0         | 15.62   | 15.43   | 15.44   | 17.00   |
|           |            | 1       | 50        | 15.58   | 15.45   | 15.41   | 17.00   |
|           |            | 1       | 99        | 15.64   | 15.48   | 15.54   | 17.00   |
|           |            | 50      | 0         | 15.75   | 15.45   | 15.52   | 17.00   |
|           |            | 50      | 25        | 15.78   | 15.50   | 15.47   | 17.00   |
|           |            | 50      | 50        | 15.74   | 15.54   | 15.54   | 17.00   |
|           |            | 100     | 0         | 15.78   | 15.51   | 15.50   | 17.00   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 187 of 394

|  |        |     |    |       |       |       |       |
|--|--------|-----|----|-------|-------|-------|-------|
|  | 256QAM | 1   | 0  | 14.01 | 13.67 | 13.78 | 15.00 |
|  |        | 1   | 50 | 13.93 | 13.65 | 13.75 | 15.00 |
|  |        | 1   | 99 | 13.98 | 13.86 | 13.71 | 15.00 |
|  |        | 50  | 0  | 14.09 | 13.79 | 13.83 | 15.00 |
|  |        | 50  | 25 | 14.11 | 13.84 | 13.81 | 15.00 |
|  |        | 50  | 50 | 14.07 | 13.84 | 13.88 | 15.00 |
|  |        | 100 | 0  | 14.08 | 13.78 | 13.80 | 15.00 |



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## 2 Conducted Power of Intra Band LTE Uplink CA

### 2.1 Conducted Power of Intra Band LTE Uplink CA (Ant4)

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1  |              | DSI3/5 |              | DSI4  |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|-------|--------------|--------|--------------|-------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power | Tune-up(dBm) | Power  | Tune-up(dBm) | Power | Tune-up(dBm) |
| CA 7C       | QPSK       | 7    | 20       | 20850      | 1      | 99           | 7    | 20       | 21048      | 1      | 0            | 13.49 | 15.00        | 13.20  | 14.50        | 21.57 | 22.50        |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 99           | 7    | 20       | 21298      | 1      | 0            | 13.69 | 15.00        | 13.09  | 14.50        | 21.74 | 22.50        |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 0            | 7    | 20       | 20902      | 1      | 99           | 13.64 | 15.00        | 13.02  | 14.50        | 21.70 | 22.50        |
| CA 7C       | QPSK       | 7    | 20       | 21350      | 1      | 0            | 7    | 20       | 21152      | 1      | 99           | 13.55 | 15.00        | 13.18  | 14.50        | 21.64 | 22.50        |

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1/5 |              | DSI3  |              | DSI4  |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|--------|--------------|-------|--------------|-------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power  | Tune-up(dBm) | Power | Tune-up(dBm) | Power | Tune-up(dBm) |
| CA 38C      | QPSK       | 38   | 20       | 37850      | 1      | 99           | 38   | 20       | 38048      | 1      | 0            | 16.30  | 17.50        | 17.49 | 18.50        | 24.29 | 25.50        |
| CA 38C      | QPSK       | 38   | 20       | 37901      | 1      | 99           | 38   | 20       | 38099      | 1      | 0            | 16.36  | 17.50        | 17.32 | 18.50        | 24.51 | 25.50        |
| CA 38C      | QPSK       | 38   | 20       | 38099      | 1      | 0            | 38   | 20       | 37901      | 1      | 99           | 16.29  | 17.50        | 17.25 | 18.50        | 24.34 | 25.50        |
| CA 38C      | QPSK       | 38   | 20       | 38150      | 1      | 0            | 38   | 20       | 37952      | 1      | 99           | 16.26  | 17.50        | 17.46 | 18.50        | 24.28 | 25.50        |

### 2.2 Conducted Power of Intra Band LTE Uplink CA (Ant5)

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1  |              | DSI3/4/5 |              |       |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|-------|--------------|----------|--------------|-------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power | Tune-up(dBm) | Power    | Tune-up(dBm) | Power | Tune-up(dBm) |
| CA 7C       | QPSK       | 7    | 20       | 20850      | 1      | 99           | 7    | 20       | 21048      | 1      | 0            | 14.15 | 16.00        | 14.27    | 15.50        |       |              |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 99           | 7    | 20       | 21298      | 1      | 0            | 14.13 | 16.00        | 14.23    | 15.50        |       |              |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 0            | 7    | 20       | 20902      | 1      | 99           | 14.13 | 16.00        | 14.07    | 15.50        |       |              |
| CA 7C       | QPSK       | 7    | 20       | 21350      | 1      | 0            | 7    | 20       | 21152      | 1      | 99           | 14.10 | 16.00        | 14.22    | 15.50        |       |              |

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1  |              | DSI3/4/5 |              |       |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|-------|--------------|----------|--------------|-------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power | Tune-up(dBm) | Power    | Tune-up(dBm) | Power | Tune-up(dBm) |
| CA 38C      | QPSK       | 38   | 20       | 37850      | 1      | 99           | 38   | 20       | 38048      | 1      | 0            | 16.27 | 18.10        | 15.66    | 17.60        |       |              |
| CA 38C      | QPSK       | 38   | 20       | 37901      | 1      | 99           | 38   | 20       | 38099      | 1      | 0            | 16.27 | 18.10        | 15.72    | 17.60        |       |              |
| CA 38C      | QPSK       | 38   | 20       | 38099      | 1      | 0            | 38   | 20       | 37901      | 1      | 99           | 16.17 | 18.10        | 15.86    | 17.60        |       |              |
| CA 38C      | QPSK       | 38   | 20       | 38150      | 1      | 0            | 38   | 20       | 37952      | 1      | 99           | 16.26 | 18.10        | 15.76    | 17.60        |       |              |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 189 of 394

## 2.3 Conducted Power of Intra Band LTE Uplink CA (Ant6)

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1  |              | DSI3/4/5 |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|-------|--------------|----------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power | Tune-up(dBm) | Power    | Tune-up(dBm) |
| CA 7C       | QPSK       | 7    | 20       | 20850      | 1      | 99           | 7    | 20       | 21048      | 1      | 0            | 19.08 | 20.50        | 17.92    | 19.00        |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 99           | 7    | 20       | 21298      | 1      | 0            | 18.89 | 20.50        | 18.11    | 19.00        |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 0            | 7    | 20       | 20902      | 1      | 99           | 18.94 | 20.50        | 18.15    | 19.00        |
| CA 7C       | QPSK       | 7    | 20       | 21350      | 1      | 0            | 7    | 20       | 21152      | 1      | 99           | 18.98 | 20.50        | 18.01    | 19.00        |

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1  |              | DSI3/4/5 |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|-------|--------------|----------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power | Tune-up(dBm) | Power    | Tune-up(dBm) |
| CA 38C      | QPSK       | 38   | 20       | 37850      | 1      | 99           | 38   | 20       | 38048      | 1      | 0            | 24.05 | 25.60        | 19.26    | 20.60        |
| CA 38C      | QPSK       | 38   | 20       | 37901      | 1      | 99           | 38   | 20       | 38099      | 1      | 0            | 24.23 | 25.60        | 19.16    | 20.60        |
| CA 38C      | QPSK       | 38   | 20       | 38099      | 1      | 0            | 38   | 20       | 37901      | 1      | 99           | 24.26 | 25.60        | 19.45    | 20.60        |
| CA 38C      | QPSK       | 38   | 20       | 38150      | 1      | 0            | 38   | 20       | 37952      | 1      | 99           | 24.23 | 25.60        | 19.18    | 20.60        |

## 2.4 Conducted Power of Intra Band LTE Uplink CA (Ant7)

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1/4 |              | DSI3/5 |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|--------|--------------|--------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power  | Tune-up(dBm) | Power  | Tune-up(dBm) |
| CA 7C       | QPSK       | 7    | 20       | 20850      | 1      | 99           | 7    | 20       | 21048      | 1      | 0            | 23.82  | 25.70        | 14.95  | 16.70        |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 99           | 7    | 20       | 21298      | 1      | 0            | 23.88  | 25.70        | 14.99  | 16.70        |
| CA 7C       | QPSK       | 7    | 20       | 21100      | 1      | 0            | 7    | 20       | 20902      | 1      | 99           | 23.86  | 25.70        | 14.85  | 16.70        |
| CA 7C       | QPSK       | 7    | 20       | 21350      | 1      | 0            | 7    | 20       | 21152      | 1      | 99           | 23.92  | 25.70        | 14.93  | 16.70        |

| Combination | Modulation | PCC  |          |            |        |              | SCC  |          |            |        |              | DSI1  |              | DSI3/4/5 |              |
|-------------|------------|------|----------|------------|--------|--------------|------|----------|------------|--------|--------------|-------|--------------|----------|--------------|
|             |            | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Band | BW (MHz) | UL Channel | UL# RB | UL RB Offset | Power | Tune-up(dBm) | Power    | Tune-up(dBm) |
| CA 38C      | QPSK       | 38   | 20       | 37850      | 1      | 99           | 38   | 20       | 38048      | 1      | 0            | 24.44 | 25.70        | 18.75    | 20.20        |
| CA 38C      | QPSK       | 38   | 20       | 37901      | 1      | 99           | 38   | 20       | 38099      | 1      | 0            | 24.32 | 25.70        | 18.98    | 20.20        |
| CA 38C      | QPSK       | 38   | 20       | 38099      | 1      | 0            | 38   | 20       | 37901      | 1      | 99           | 24.21 | 25.70        | 18.84    | 20.20        |
| CA 38C      | QPSK       | 38   | 20       | 38150      | 1      | 0            | 38   | 20       | 37952      | 1      | 99           | 24.33 | 25.70        | 18.79    | 20.20        |



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## 3 Conducted Power of NR

### 3.1 Conducted Power of NR (Ant0)

| N5 15kHz DSI1/3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|---------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                     |                  |         |           | /                    | 167300  | /       |         |
|                     |                  |         |           | /                    | 836.5   | /       |         |
| 20MHz               | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.76   | /       | 25.50   |
|                     |                  | 1       | 53        | /                    | 24.46   | /       | 25.50   |
|                     |                  | 1       | 104       | /                    | 24.73   | /       | 25.50   |
|                     |                  | 50      | 0         | /                    | 23.72   | /       | 24.50   |
|                     |                  | 50      | 28        | /                    | 24.71   | /       | 25.50   |
|                     |                  | 50      | 56        | /                    | 23.56   | /       | 24.50   |
|                     |                  | 100     | 0         | /                    | 23.72   | /       | 24.50   |
|                     | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.66   | /       | 24.50   |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 20MHz               | CP-OFDM QPSK     | 1       | 1         | /                    | 167300  | /       | 24.00   |
|                     |                  |         |           | /                    | 167300  | /       |         |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz               | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.80   | /       | 25.50   |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz               | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 167300  | /       | 25.50   |
|                     |                  |         |           | /                    | 167300  | /       |         |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz                | DFT-s-OFDM QPSK  | 1       | 1         | 165300               | 167300  | 169300  | 25.50   |
|                     |                  |         |           | 24.89                | 24.81   | 24.77   |         |

| N12 15kHz DSI1/3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|----------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 141500  | /       |         |
|                      |                  |         |           | /                    | 707.5   | /       |         |
| 15MHz                | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.88   | /       | 25.50   |
|                      |                  | 1       | 40        | /                    | 24.63   | /       | 25.50   |
|                      |                  | 1       | 77        | /                    | 24.58   | /       | 25.50   |
|                      |                  | 36      | 0         | /                    | 23.63   | /       | 24.50   |
|                      |                  | 36      | 22        | /                    | 24.76   | /       | 25.50   |
|                      |                  | 36      | 43        | /                    | 23.65   | /       | 24.50   |
|                      |                  | 75      | 0         | /                    | 23.80   | /       | 24.50   |
|                      | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.79   | /       | 24.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz                | CP-OFDM QPSK     | 1       | 1         | /                    | 141500  | /       | 24.00   |
|                      |                  |         |           | /                    | 141500  | /       |         |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz                | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.99   | /       | 25.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz                 | DFT-s-OFDM QPSK  | 1       | 1         | 140300               | 141500  | 142700  | 25.50   |
|                      |                  |         |           | 25.00                | 24.89   | 24.89   |         |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 191 of 394

| N26_15kHz DSI1/3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|----------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 166300  | /       |         |
|                      |                  |         |           | /                    | 831.5   | /       |         |
| 20MHz                | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.96   | /       | 25.50   |
|                      |                  | 1       | 53        | /                    | 24.70   | /       | 25.50   |
|                      |                  | 1       | 104       | /                    | 24.57   | /       | 25.50   |
|                      |                  | 50      | 0         | /                    | 23.88   | /       | 24.50   |
|                      |                  | 50      | 28        | /                    | 24.83   | /       | 25.50   |
|                      |                  | 50      | 56        | /                    | 23.83   | /       | 24.50   |
|                      |                  | 100     | 0         | /                    | 23.92   | /       | 24.50   |
|                      | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 24.09   | /       | 24.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 20MHz                | CP-OFDM QPSK     | 1       | 1         | /                    | 23.58   | /       | 24.00   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz                | DFT-s-OFDM QPSK  | 1       | 1         | 24.94                | 25.01   | 24.78   | 25.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz                | DFT-s-OFDM QPSK  | 1       | 1         | 24.91                | 25.05   | 24.78   | 25.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz                 | DFT-s-OFDM QPSK  | 1       | 1         | 24.94                | 24.80   | 24.82   | 25.50   |

| N71_15kHz DSI1/3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|----------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 136100  | /       |         |
|                      |                  |         |           | /                    | 680.5   | /       |         |
| 20MHz                | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.59   | /       | 25.50   |
|                      |                  | 1       | 53        | /                    | 24.38   | /       | 25.50   |
|                      |                  | 1       | 104       | /                    | 24.45   | /       | 25.50   |
|                      |                  | 50      | 0         | /                    | 23.54   | /       | 24.50   |
|                      |                  | 50      | 28        | /                    | 24.52   | /       | 25.50   |
|                      |                  | 50      | 56        | /                    | 23.56   | /       | 24.50   |
|                      |                  | 100     | 0         | /                    | 23.55   | /       | 24.50   |
|                      | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.53   | /       | 24.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 20MHz                | CP-OFDM QPSK     | 1       | 1         | /                    | 23.08   | /       | 24.00   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 136100  | /       |         |



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 192 of 394

|           |                    |         |           |                   |                   |                   |         |
|-----------|--------------------|---------|-----------|-------------------|-------------------|-------------------|---------|
| 15MHz     | DFT-s-OFDM<br>QPSK | 1       | 1         | /                 | 24.58             | /                 | 25.50   |
| Bandwidth | Modulation         | RB size | RB offset | Channel<br>133600 | Channel<br>136100 | Channel<br>138600 | Tune up |
| 10MHz     | DFT-s-OFDM<br>QPSK | 1       | 1         | 24.66             | 24.73             | 24.55             | 25.50   |
| Bandwidth | Modulation         | RB size | RB offset | Channel<br>133100 | Channel<br>136100 | Channel<br>139100 | Tune up |
| 5MHz      | DFT-s-OFDM<br>QPSK | 1       | 1         | 24.44             | 24.67             | 24.52             | 25.50   |



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## 3.2 Conducted Power of NR (Ant1)

| N5_15kHz  |                  |         |           | Conducted Power(dBm) |         |         |         |
|-----------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 167300  | /       |         |
|           |                  |         |           | /                    | 836.5   | /       |         |
| 20MHz     | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.62   | /       | 26.00   |
|           |                  | 1       | 53        | /                    | 24.61   | /       | 26.00   |
|           |                  | 1       | 104       | /                    | 24.58   | /       | 26.00   |
|           |                  | 50      | 0         | /                    | 23.69   | /       | 25.00   |
|           |                  | 50      | 28        | /                    | 24.73   | /       | 26.00   |
|           |                  | 50      | 56        | /                    | 23.61   | /       | 25.00   |
|           |                  | 100     | 0         | /                    | 23.71   | /       | 25.00   |
|           | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.66   | /       | 25.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 167300  | /       |         |
| 20MHz     | CP-OFDM QPSK     | 1       | 1         | /                    | 23.16   | /       | 24.50   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 167300  | /       |         |
| 15MHz     | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.54   | /       | 26.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 167300  | /       |         |
| 10MHz     | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.51   | /       | 26.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | 165300               | 167300  | 169300  |         |
| 5MHz      | DFT-s-OFDM QPSK  | 1       | 1         | 24.68                | 24.50   | 24.76   | 26.00   |

| N5_15kHz DSI1/3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|---------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                     |                  |         |           | /                    | 167300  | /       |         |
|                     |                  |         |           | /                    | 836.5   | /       |         |
| 20MHz               | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 20.62   | /       | 22.00   |
|                     |                  | 1       | 53        | /                    | 20.62   | /       | 22.00   |
|                     |                  | 1       | 104       | /                    | 20.51   | /       | 22.00   |
|                     |                  | 50      | 0         | /                    | 19.66   | /       | 21.00   |
|                     |                  | 50      | 28        | /                    | 20.74   | /       | 22.00   |
|                     |                  | 50      | 56        | /                    | 19.57   | /       | 21.00   |
|                     |                  | 100     | 0         | /                    | 19.69   | /       | 21.00   |
|                     | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 19.73   | /       | 21.00   |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                     |                  |         |           | /                    | 167300  | /       |         |
| 20MHz               | CP-OFDM QPSK     | 1       | 1         | /                    | 19.24   | /       | 20.50   |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                     |                  |         |           | /                    | 167300  | /       |         |
| 15MHz               | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 20.74   | /       | 22.00   |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                     |                  |         |           | /                    | 167300  | /       |         |
| 10MHz               | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 20.62   | /       | 22.00   |
| Bandwidth           | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                     |                  |         |           | 165300               | 167300  | 169300  |         |



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 194 of 394

|      |                 |   |   |       |       |       |       |
|------|-----------------|---|---|-------|-------|-------|-------|
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.73 | 20.51 | 20.55 | 22.00 |
|------|-----------------|---|---|-------|-------|-------|-------|

| N12_15kHz |                  |         |           | Conducted Power(dBm) |         |         |         |
|-----------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 141500  | /       |         |
| 15MHz     | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.75   | /       | 26.00   |
|           |                  | 1       | 40        | /                    | 24.63   | /       | 26.00   |
|           |                  | 1       | 77        | /                    | 24.48   | /       | 26.00   |
|           |                  | 36      | 0         | /                    | 23.69   | /       | 25.00   |
|           |                  | 36      | 22        | /                    | 24.59   | /       | 26.00   |
|           |                  | 36      | 43        | /                    | 23.77   | /       | 25.00   |
|           |                  | 75      | 0         | /                    | 23.72   | /       | 25.00   |
|           | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.73   | /       | 25.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz     | CP-OFDM QPSK     | 1       | 1         | /                    | 23.18   | /       | 24.50   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz     | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.64   | /       | 26.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz      | DFT-s-OFDM QPSK  | 1       | 1         | 24.86                | 24.84   | 24.62   | 26.00   |

| N12_15kHz DSI1 |                  |         |           | Conducted Power(dBm) |         |         |         |
|----------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                |                  |         |           | /                    | 141500  | /       |         |
| 15MHz          | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.69   | /       | 23.00   |
|                |                  | 1       | 40        | /                    | 21.55   | /       | 23.00   |
|                |                  | 1       | 77        | /                    | 21.38   | /       | 23.00   |
|                |                  | 36      | 0         | /                    | 20.72   | /       | 22.00   |
|                |                  | 36      | 22        | /                    | 21.51   | /       | 23.00   |
|                |                  | 36      | 43        | /                    | 20.71   | /       | 22.00   |
|                |                  | 75      | 0         | /                    | 20.66   | /       | 22.00   |
|                | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 20.79   | /       | 22.00   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz          | CP-OFDM QPSK     | 1       | 1         | /                    | 20.27   | /       | 21.50   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz          | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.67   | /       | 23.00   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz           | DFT-s-OFDM QPSK  | 1       | 1         | 21.56                | 21.59   | 21.55   | 23.00   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 195 of 394

| N12_15kHz DSI3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|--------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |                  |         |           | /                    | 141500  | /       |         |
|                    |                  |         |           | /                    | 707.5   | /       |         |
| 15MHz              | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.32   | /       | 22.50   |
|                    |                  | 1       | 40        | /                    | 21.12   | /       | 22.50   |
|                    |                  | 1       | 77        | /                    | 20.91   | /       | 22.50   |
|                    |                  | 36      | 0         | /                    | 20.27   | /       | 21.50   |
|                    |                  | 36      | 22        | /                    | 21.14   | /       | 22.50   |
|                    |                  | 36      | 43        | /                    | 20.24   | /       | 21.50   |
|                    |                  | 75      | 0         | /                    | 20.17   | /       | 21.50   |
|                    | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 20.13   | /       | 21.50   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |                  |         |           | /                    | 141500  | /       |         |
| 15MHz              | CP-OFDM QPSK     | 1       | 1         | /                    | 19.65   | /       | 21.00   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |                  |         |           | /                    | 141500  | /       |         |
| 10MHz              | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.21   | /       | 22.50   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |                  |         |           | 140300               | 141500  | 142700  |         |
| 5MHz               | DFT-s-OFDM QPSK  | 1       | 1         | 21.18                | 21.43   | 21.35   | 22.50   |

| N26_15kHz |                  |         |           | Conducted Power(dBm) |         |         |         |
|-----------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 166300  | /       |         |
|           |                  |         |           | /                    | 831.5   | /       |         |
| 20MHz     | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.79   | /       | 26.00   |
|           |                  | 1       | 53        | /                    | 24.76   | /       | 26.00   |
|           |                  | 1       | 104       | /                    | 24.63   | /       | 26.00   |
|           |                  | 50      | 0         | /                    | 23.62   | /       | 25.00   |
|           |                  | 50      | 28        | /                    | 24.63   | /       | 26.00   |
|           |                  | 50      | 56        | /                    | 23.43   | /       | 25.00   |
|           |                  | 100     | 0         | /                    | 23.69   | /       | 25.00   |
|           | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.70   | /       | 25.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | /                    | 166300  | /       |         |
| 20MHz     | CP-OFDM QPSK     | 1       | 1         | /                    | 23.25   | /       | 24.50   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | 164300               | 166300  | 168300  |         |
| 15MHz     | DFT-s-OFDM QPSK  | 1       | 1         | 24.90                | 24.75   | 24.76   | 26.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | 163800               | 166300  | 168800  |         |
| 10MHz     | DFT-s-OFDM QPSK  | 1       | 1         | 24.71                | 24.64   | 24.72   | 26.00   |
| Bandwidth | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|           |                  |         |           | 163300               | 166300  | 169300  |         |
| 5MHz      | DFT-s-OFDM QPSK  | 1       | 1         | 24.69                | 24.92   | 24.72   | 26.00   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 196 of 394

| N26_15kHz DSI1 |                  |         |           | Conducted Power(dBm) |         |         |         |
|----------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                |                  |         |           | /                    | 166300  | /       |         |
| 20MHz          | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.38   | /       | 22.50   |
|                |                  | 1       | 53        | /                    | 21.20   | /       | 22.50   |
|                |                  | 1       | 104       | /                    | 21.08   | /       | 22.50   |
|                |                  | 50      | 0         | /                    | 20.06   | /       | 21.50   |
|                |                  | 50      | 28        | /                    | 21.13   | /       | 22.50   |
|                |                  | 50      | 56        | /                    | 20.02   | /       | 21.50   |
|                |                  | 100     | 0         | /                    | 20.26   | /       | 21.50   |
|                | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 20.30   | /       | 21.50   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 20MHz          | CP-OFDM QPSK     | 1       | 1         | /                    | 19.78   | /       | 21.00   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz          | DFT-s-OFDM QPSK  | 1       | 1         | 21.43                | 21.29   | 21.48   | 22.50   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz          | DFT-s-OFDM QPSK  | 1       | 1         | 21.52                | 21.27   | 21.31   | 22.50   |
| Bandwidth      | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz           | DFT-s-OFDM QPSK  | 1       | 1         | 21.53                | 21.29   | 21.51   | 22.50   |

| N26_15kHz DSI3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|--------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                    |                  |         |           | /                    | 166300  | /       |         |
| 20MHz              | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 20.82   | /       | 22.00   |
|                    |                  | 1       | 53        | /                    | 20.82   | /       | 22.00   |
|                    |                  | 1       | 104       | /                    | 20.56   | /       | 22.00   |
|                    |                  | 50      | 0         | /                    | 19.59   | /       | 21.00   |
|                    |                  | 50      | 28        | /                    | 20.62   | /       | 22.00   |
|                    |                  | 50      | 56        | /                    | 19.38   | /       | 21.00   |
|                    |                  | 100     | 0         | /                    | 19.76   | /       | 21.00   |
|                    | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 19.77   | /       | 21.00   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 20MHz              | CP-OFDM QPSK     | 1       | 1         | /                    | 19.30   | /       | 20.50   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 15MHz              | DFT-s-OFDM QPSK  | 1       | 1         | 20.91                | 20.85   | 20.93   | 22.00   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 10MHz              | DFT-s-OFDM QPSK  | 1       | 1         | 20.93                | 20.75   | 20.93   | 22.00   |
| Bandwidth          | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 5MHz               | DFT-s-OFDM QPSK  | 1       | 1         | 20.93                | 20.93   | 20.74   | 22.00   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 197 of 394

| N71_15kHz DSI1/3/4/5 |                  |         |           | Conducted Power(dBm) |         |         |         |
|----------------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 136100  | /       |         |
|                      |                  |         |           | /                    | 680.5   | /       |         |
| 20MHz                | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.88   | /       | 26.00   |
|                      |                  | 1       | 53        | /                    | 24.85   | /       | 26.00   |
|                      |                  | 1       | 104       | /                    | 24.79   | /       | 26.00   |
|                      |                  | 50      | 0         | /                    | 23.97   | /       | 25.00   |
|                      |                  | 50      | 28        | /                    | 24.93   | /       | 26.00   |
|                      |                  | 50      | 56        | /                    | 23.96   | /       | 25.00   |
|                      |                  | 100     | 0         | /                    | 23.94   | /       | 25.00   |
|                      | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.94   | /       | 25.00   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 136100  | /       |         |
| 20MHz                | CP-OFDM QPSK     | 1       | 1         | /                    | 23.42   | /       | 24.50   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | /                    | 136100  | /       |         |
| 15MHz                | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 24.78   | /       | 26.00   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | 133600               | 136100  | 138600  |         |
| 10MHz                | DFT-s-OFDM QPSK  | 1       | 1         | 24.84                | 24.75   | 25.02   | 26.00   |
| Bandwidth            | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                      |                  |         |           | 133100               | 136100  | 139100  |         |
| 5MHz                 | DFT-s-OFDM QPSK  | 1       | 1         | 24.80                | 24.96   | 25.03   | 26.00   |



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## 3.3 Conducted Power of NR (Ant4)

| N2_15kHz DSI4 |                  |         |           | Conducted Power(dBm) |         |         |         |
|---------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 376000  | /       |         |
|               |                  |         |           | /                    | 1880    | /       |         |
| 40MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 23.74   | /       | 24.50   |
|               |                  | 1       | 53        | /                    | 23.72   | /       | 24.50   |
|               |                  | 1       | 104       | /                    | 23.48   | /       | 24.50   |
|               |                  | 50      | 0         | /                    | 22.76   | /       | 23.50   |
|               |                  | 50      | 28        | /                    | 23.64   | /       | 24.50   |
|               |                  | 50      | 56        | /                    | 22.46   | /       | 23.50   |
|               |                  | 100     | 0         | /                    | 22.68   | /       | 23.50   |
|               | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 23.12   | /       | 23.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 376000  | /       |         |
| 40MHz         | CP-OFDM QPSK     | 1       | 1         | /                    | 22.65   | /       | 23.00   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 376000  | /       |         |
| 35MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 23.81   | /       | 24.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 376000  | /       |         |
| 30MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 23.60   | /       | 24.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 376000  | /       |         |
| 25MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 23.89   | /       | 24.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 372000               | 376000  | 38000   |         |
| 20MHz         | CP-OFDM QPSK     | 1       | 1         | 23.81                | 23.60   | 23.64   | 24.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 371500               | 376000  | 380500  |         |
| 15MHz         | DFT-s-OFDM QPSK  | 1       | 1         | 23.77                | 23.79   | 23.69   | 24.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 371000               | 376000  | 381000  |         |
| 10MHz         | DFT-s-OFDM QPSK  | 1       | 1         | 23.77                | 23.83   | 23.67   | 24.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 370500               | 376000  | 381500  |         |
| 5MHz          | DFT-s-OFDM QPSK  | 1       | 1         | 23.80                | 23.64   | 23.60   | 24.50   |

| N2_15kHz DSI1/5 |                 |         |           | Conducted Power(dBm) |         |         |         |
|-----------------|-----------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth       | Modulation      | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                 |                 |         |           | /                    | 376000  | /       |         |
|                 |                 |         |           | /                    | 1880    | /       |         |
| 40MHz           | DFT-s-OFDM QPSK | 1       | 1         | /                    | 19.79   | /       | 20.50   |
|                 |                 | 1       | 53        | /                    | 19.65   | /       | 20.50   |
|                 |                 | 1       | 104       | /                    | 19.42   | /       | 20.50   |
|                 |                 | 50      | 0         | /                    | 18.79   | /       | 19.50   |
|                 |                 | 50      | 28        | /                    | 19.69   | /       | 20.50   |
|                 |                 | 50      | 56        | /                    | 18.55   | /       | 19.50   |
|                 |                 | 100     | 0         | /                    | 18.60   | /       | 19.50   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 199 of 394

|           |                     |         |           |         |         |         |         |
|-----------|---------------------|---------|-----------|---------|---------|---------|---------|
|           | DFT-s-OFDM<br>16QAM | 1       | 1         | /       | 19.14   | /       | 19.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 40MHz     | CP-OFDM<br>QPSK     | 1       | 1         | /       | 376000  | /       | 19.00   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 35MHz     | DFT-s-OFDM<br>QPSK  | 1       | 1         | /       | 376000  | /       | 20.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 30MHz     | DFT-s-OFDM<br>QPSK  | 1       | 1         | /       | 376000  | /       | 20.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 25MHz     | DFT-s-OFDM<br>QPSK  | 1       | 1         | /       | 376000  | /       | 20.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 20MHz     | CP-OFDM<br>QPSK     | 1       | 1         | 19.86   | 19.76   | 19.78   | 20.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 15MHz     | DFT-s-OFDM<br>QPSK  | 1       | 1         | 19.80   | 19.87   | 19.94   | 20.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz     | DFT-s-OFDM<br>QPSK  | 1       | 1         | 19.82   | 19.68   | 19.73   | 20.50   |
| Bandwidth | Modulation          | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 5MHz      | DFT-s-OFDM<br>QPSK  | 1       | 1         | 19.69   | 19.76   | 19.72   | 20.50   |

| N2_15kHz_DSI3 |                     |         |           | Conducted Power(dBm) |         |         |         |
|---------------|---------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth     | Modulation          | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                     |         |           | /                    | 376000  | /       |         |
|               |                     |         |           | /                    | 1880    | /       |         |
| 40MHz         | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 21.32   | /       | 22.00   |
|               |                     | 1       | 53        | /                    | 21.29   | /       | 22.00   |
|               |                     | 1       | 104       | /                    | 21.10   | /       | 22.00   |
|               |                     | 50      | 0         | /                    | 20.39   | /       | 21.00   |
|               |                     | 50      | 28        | /                    | 21.22   | /       | 22.00   |
|               |                     | 50      | 56        | /                    | 19.95   | /       | 21.00   |
|               |                     | 100     | 0         | /                    | 20.28   | /       | 21.00   |
|               | DFT-s-OFDM<br>16QAM | 1       | 1         | /                    | 20.69   | /       | 21.00   |
| Bandwidth     | Modulation          | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 40MHz         | CP-OFDM<br>QPSK     | 1       | 1         | /                    | 376000  | /       | 20.50   |
| Bandwidth     | Modulation          | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 35MHz         | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 376000  | /       | 22.00   |
| Bandwidth     | Modulation          | RB size | RB offset | Channel              | Channel | Channel | Tune up |
| 30MHz         | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 376000  | /       | 22.00   |
| Bandwidth     | Modulation          | RB size | RB offset | Channel              | Channel | Channel | Tune up |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 200 of 394

|           |                 |         |           |         |         |         |         |
|-----------|-----------------|---------|-----------|---------|---------|---------|---------|
|           |                 |         |           | /       | 376000  | /       |         |
| 25MHz     | DFT-s-OFDM QPSK | 1       | 1         | /       | 21.19   | /       | 22.00   |
| Bandwidth | Modulation      | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |                 |         |           | 372000  | 376000  | 38000   |         |
| 20MHz     | CP-OFDM QPSK    | 1       | 1         | 21.33   | 21.28   | 21.33   | 22.00   |
| Bandwidth | Modulation      | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |                 |         |           | 371500  | 376000  | 380500  |         |
| 15MHz     | DFT-s-OFDM QPSK | 1       | 1         | 21.38   | 21.29   | 21.31   | 22.00   |
| Bandwidth | Modulation      | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |                 |         |           | 371000  | 376000  | 381000  |         |
| 10MHz     | DFT-s-OFDM QPSK | 1       | 1         | 21.50   | 21.19   | 21.37   | 22.00   |
| Bandwidth | Modulation      | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |                 |         |           | 370500  | 376000  | 381500  |         |
| 5MHz      | DFT-s-OFDM QPSK | 1       | 1         | 21.34   | 21.39   | 21.36   | 22.00   |

| N7 15kHz DSI4 |                  |         |           | Conducted Power(dBm) |         |         |         |
|---------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
|               |                  |         |           | /                    | 2535    | /       |         |
| 50MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.88   | /       | 22.50   |
|               | DFT-s-OFDM QPSK  | 1       | 135       | /                    | 21.68   | /       | 22.50   |
|               | DFT-s-OFDM QPSK  | 1       | 268       | /                    | 21.75   | /       | 22.50   |
|               |                  | 135     | 0         | /                    | 20.67   | /       | 21.50   |
|               |                  | 135     | 67        | /                    | 21.88   | /       | 22.50   |
|               | DFT-s-OFDM QPSK  | 135     | 135       | /                    | 20.57   | /       | 21.50   |
|               | DFT-s-OFDM QPSK  | 270     | 0         | /                    | 20.48   | /       | 21.50   |
|               | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 20.42   | /       | 21.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 50MHz         | CP-OFDM QPSK     | 1       | 1         | /                    | 19.92   | /       | 21.00   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 40MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.89   | /       | 22.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 35MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.94   | /       | 22.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 30MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.86   | /       | 22.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 25MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 21.75   | /       | 22.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 502000               | 507000  | 512000  |         |
| 20MHz         | DFT-s-OFDM QPSK  | 1       | 1         | 21.94                | 21.94   | 21.89   | 22.50   |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 201 of 394

| Bandwidth | Modulation         | RB size | RB offset | Channel<br>501500 | Channel<br>507000 | Channel<br>512500 | Tune up |
|-----------|--------------------|---------|-----------|-------------------|-------------------|-------------------|---------|
| 15MHz     | DFT-s-OFDM<br>QPSK | 1       | 1         | 21.92             | 21.78             | 21.73             | 22.50   |
| Bandwidth | Modulation         | RB size | RB offset | Channel<br>501000 | Channel<br>507000 | Channel<br>513000 | Tune up |
| 10MHz     | DFT-s-OFDM<br>QPSK | 1       | 1         | 21.66             | 22.00             | 21.93             | 22.50   |
| Bandwidth | Modulation         | RB size | RB offset | Channel<br>500500 | Channel<br>507000 | Channel<br>513500 | Tune up |
| 5MHz      | DFT-s-OFDM<br>QPSK | 1       | 1         | 21.89             | 21.74             | 21.74             | 22.50   |

| N7 15kHz DSI1/5 |                     |         |           | Conducted Power(dBm) |                   |                   |         |
|-----------------|---------------------|---------|-----------|----------------------|-------------------|-------------------|---------|
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>/         | Channel<br>507000 | Channel<br>/      | Tune up |
| 50MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 17.38             | /                 | 18.00   |
|                 | DFT-s-OFDM<br>QPSK  | 1       | 135       | /                    | 17.10             | /                 | 18.00   |
|                 | DFT-s-OFDM<br>QPSK  | 1       | 268       | /                    | 17.31             | /                 | 18.00   |
|                 |                     | 135     | 0         | /                    | 16.11             | /                 | 17.00   |
|                 |                     | 135     | 67        | /                    | 17.46             | /                 | 18.00   |
|                 | DFT-s-OFDM<br>QPSK  | 135     | 135       | /                    | 16.00             | /                 | 17.00   |
|                 | DFT-s-OFDM<br>QPSK  | 270     | 0         | /                    | 16.02             | /                 | 17.00   |
|                 | DFT-s-OFDM<br>16QAM | 1       | 1         | /                    | 16.00             | /                 | 17.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>/         | Channel<br>507000 | Channel<br>/      | Tune up |
| 50MHz           | CP-OFDM<br>QPSK     | 1       | 1         | /                    | 15.54             | /                 | 16.50   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>/         | Channel<br>507000 | Channel<br>/      | Tune up |
| 40MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 17.42             | /                 | 18.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>/         | Channel<br>507000 | Channel<br>/      | Tune up |
| 35MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 17.41             | /                 | 18.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>/         | Channel<br>507000 | Channel<br>/      | Tune up |
| 30MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 17.34             | /                 | 18.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>/         | Channel<br>507000 | Channel<br>/      | Tune up |
| 25MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | /                    | 17.41             | /                 | 18.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>502000    | Channel<br>507000 | Channel<br>512000 | Tune up |
| 20MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | 17.44                | 17.33             | 17.39             | 18.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>501500    | Channel<br>507000 | Channel<br>512500 | Tune up |
| 15MHz           | DFT-s-OFDM<br>QPSK  | 1       | 1         | 17.28                | 17.28             | 17.41             | 18.00   |
| Bandwidth       | Modulation          | RB size | RB offset | Channel<br>501000    | Channel<br>507000 | Channel<br>513000 | Tune up |



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250700332802

Page: 202 of 394

|           |                 |         |           |                |                |                |         |
|-----------|-----------------|---------|-----------|----------------|----------------|----------------|---------|
| 10MHz     | DFT-s-OFDM QPSK | 1       | 1         | 17.46          | 17.34          | 17.46          | 18.00   |
| Bandwidth | Modulation      | RB size | RB offset | Channel 500500 | Channel 507000 | Channel 513500 | Tune up |
| 5MHz      | DFT-s-OFDM QPSK | 1       | 1         | 17.50          | 17.49          | 17.26          | 18.00   |

| N7 15kHz DSI3 |                  |         |           | Conducted Power(dBm) |         |         |         |
|---------------|------------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 50MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 17.85   | /       | 18.50   |
|               | DFT-s-OFDM QPSK  | 1       | 135       | /                    | 17.71   | /       | 18.50   |
|               | DFT-s-OFDM QPSK  | 1       | 268       | /                    | 17.75   | /       | 18.50   |
|               |                  | 135     | 0         | /                    | 16.71   | /       | 17.50   |
|               |                  | 135     | 67        | /                    | 17.94   | /       | 18.50   |
|               | DFT-s-OFDM QPSK  | 135     | 135       | /                    | 16.62   | /       | 17.50   |
|               | DFT-s-OFDM QPSK  | 270     | 0         | /                    | 16.53   | /       | 17.50   |
|               | DFT-s-OFDM 16QAM | 1       | 1         | /                    | 16.54   | /       | 17.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 50MHz         | CP-OFDM QPSK     | 1       | 1         | /                    | 16.02   | /       | 17.00   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 40MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 17.88   | /       | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 35MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 17.80   | /       | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 30MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 17.76   | /       | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | /                    | 507000  | /       |         |
| 25MHz         | DFT-s-OFDM QPSK  | 1       | 1         | /                    | 17.66   | /       | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 502000               | 507000  | 512000  |         |
| 20MHz         | DFT-s-OFDM QPSK  | 1       | 1         | 17.85                | 17.94   | 17.90   | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 501500               | 507000  | 512500  |         |
| 15MHz         | DFT-s-OFDM QPSK  | 1       | 1         | 17.70                | 17.87   | 17.97   | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 501000               | 507000  | 513000  |         |
| 10MHz         | DFT-s-OFDM QPSK  | 1       | 1         | 17.84                | 17.98   | 17.94   | 18.50   |
| Bandwidth     | Modulation       | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|               |                  |         |           | 500500               | 507000  | 513500  |         |
| 5MHz          | DFT-s-OFDM QPSK  | 1       | 1         | 17.86                | 17.93   | 17.91   | 18.50   |



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