



## Occupied Bandwidth

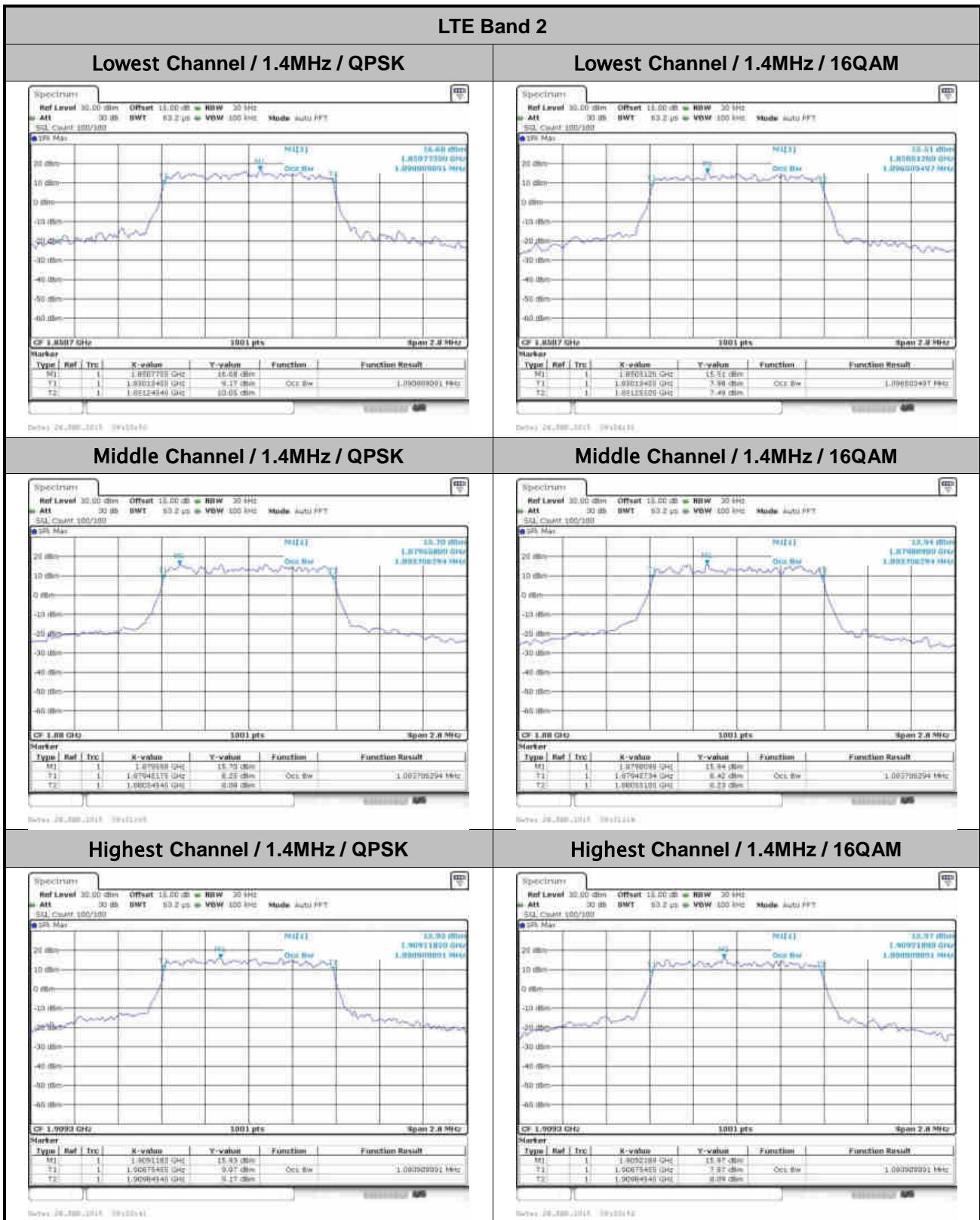
| Mode       | LTE Band 2 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                     | 1.10  | 2.72 | 2.73  | 4.49 | 4.51  | 9.03  | 9.05  | 13.49 | 13.49 | 18.26 | 18.38 |
| Middle CH  | 1.09                     | 1.09  | 2.72 | 2.73  | 4.52 | 4.49  | 9.05  | 8.97  | 13.37 | 13.46 | 18.42 | 18.38 |
| Highest CH | 1.09                     | 1.09  | 2.72 | 2.73  | 4.51 | 4.51  | 9.03  | 8.97  | 13.43 | 13.46 | 18.34 | 18.38 |

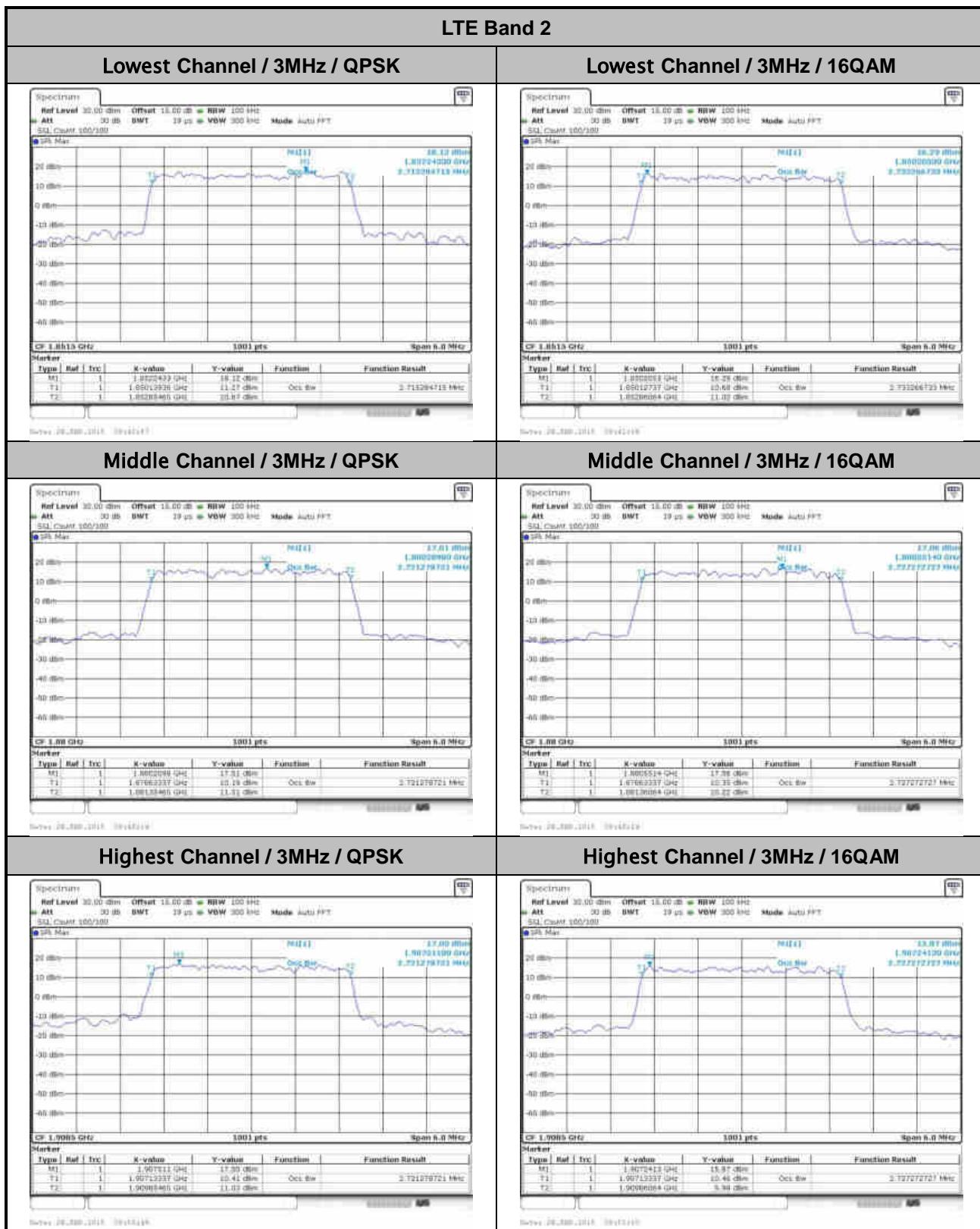
| Mode       | LTE Band 4 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                     | 1.09  | 2.73 | 2.73  | 4.52 | 4.53  | 9.01  | 9.03  | 13.43 | 13.43 | 18.38 | 18.46 |
| Middle CH  | 1.09                     | 1.09  | 2.72 | 2.73  | 4.52 | 4.51  | 9.03  | 8.99  | 13.49 | 13.55 | 18.38 | 18.46 |
| Highest CH | 1.10                     | 1.09  | 2.72 | 2.72  | 4.50 | 4.50  | 9.03  | 8.99  | 13.43 | 13.43 | 18.50 | 18.46 |

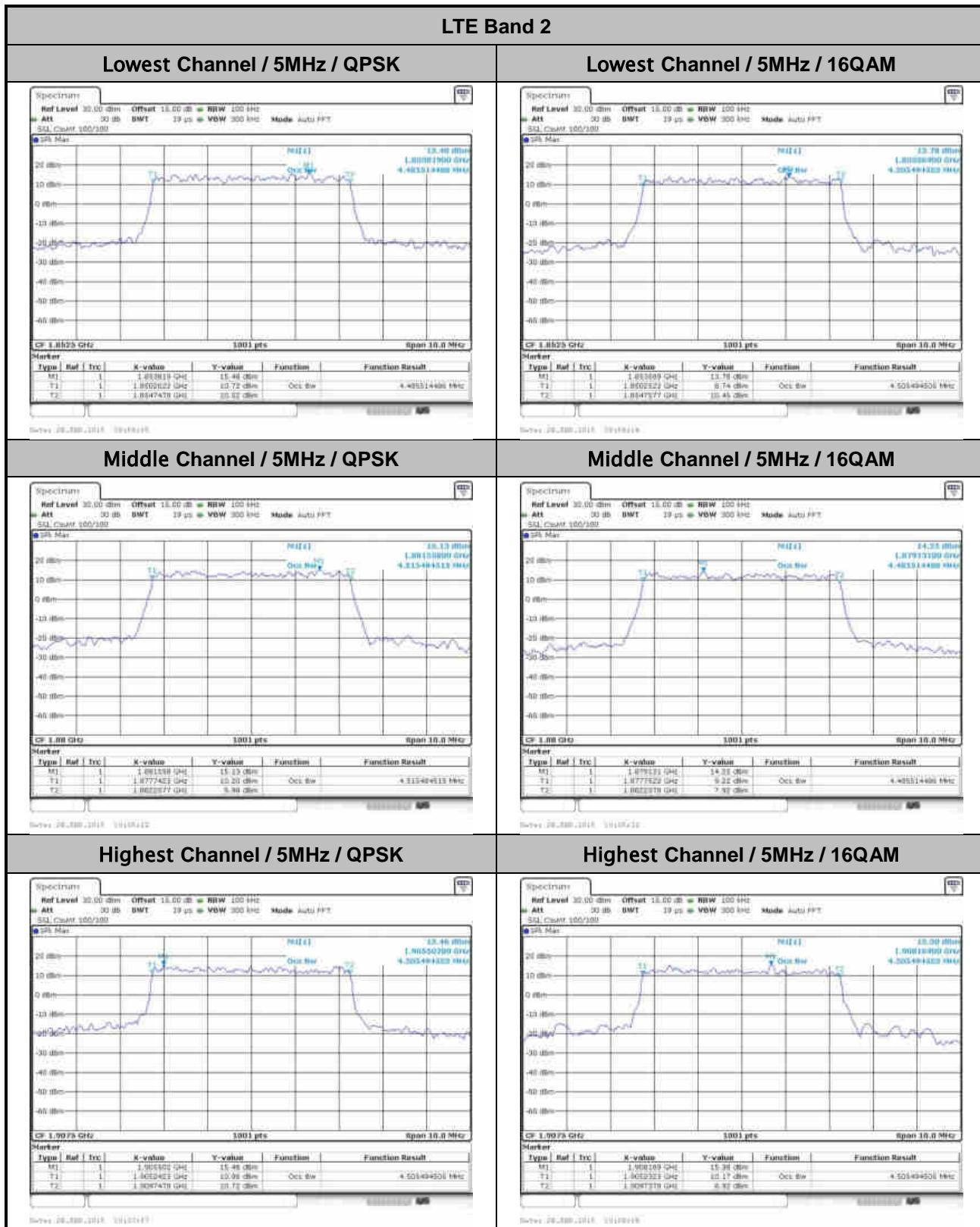
| Mode       | LTE Band 5 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                     | 1.10  | 2.72 | 2.73  | 4.51 | 4.49  | 9.05  | 9.05  | -     | -     | -     | -     |
| Middle CH  | 1.10                     | 1.09  | 2.72 | 2.72  | 4.50 | 4.50  | 9.05  | 9.01  | -     | -     | -     | -     |
| Highest CH | 1.10                     | 1.10  | 2.70 | 2.73  | 4.52 | 4.53  | 9.15  | 9.01  | -     | -     | -     | -     |

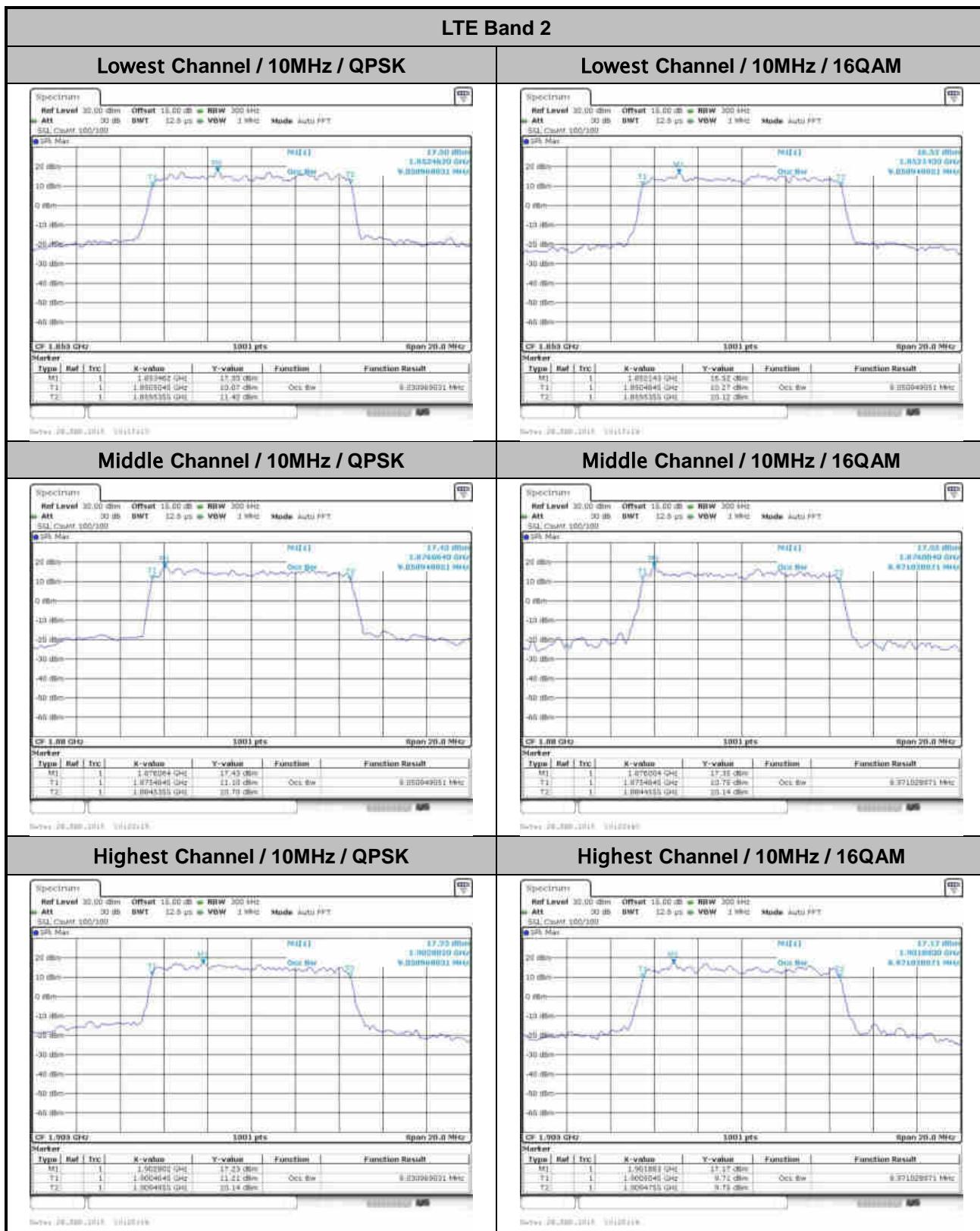
| Mode       | LTE Band 7 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                        | -     | -    | -     | 4.50 | 4.50  | 9.07  | 9.01  | 13.46 | 13.46 | 18.38 | 18.34 |
| Middle CH  | -                        | -     | -    | -     | 4.50 | 4.51  | 9.05  | 9.03  | 13.40 | 13.52 | 18.46 | 18.34 |
| Highest CH | -                        | -     | -    | -     | 4.50 | 4.51  | 9.01  | 9.07  | 13.49 | 13.40 | 18.38 | 18.22 |

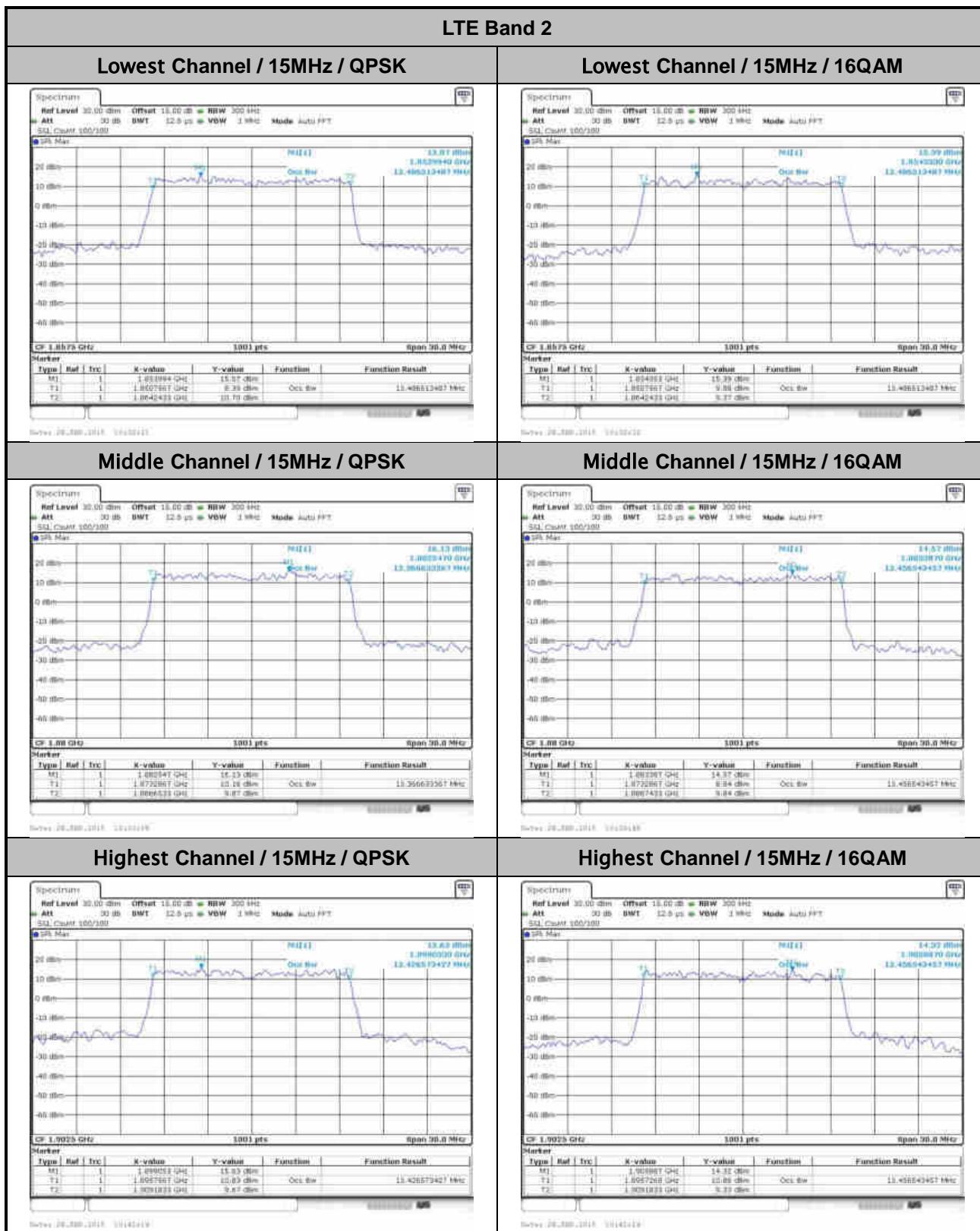
| Mode       | LTE Band 17 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 4.52 | 4.46  | 9.03  | 9.05  | -     | -     | -     | -     |
| Middle CH  | -                         | -     | -    | -     | 4.51 | 4.52  | 9.09  | 9.03  | -     | -     | -     | -     |
| Highest CH | -                         | -     | -    | -     | 4.49 | 4.49  | 9.07  | 8.99  | -     | -     | -     | -     |

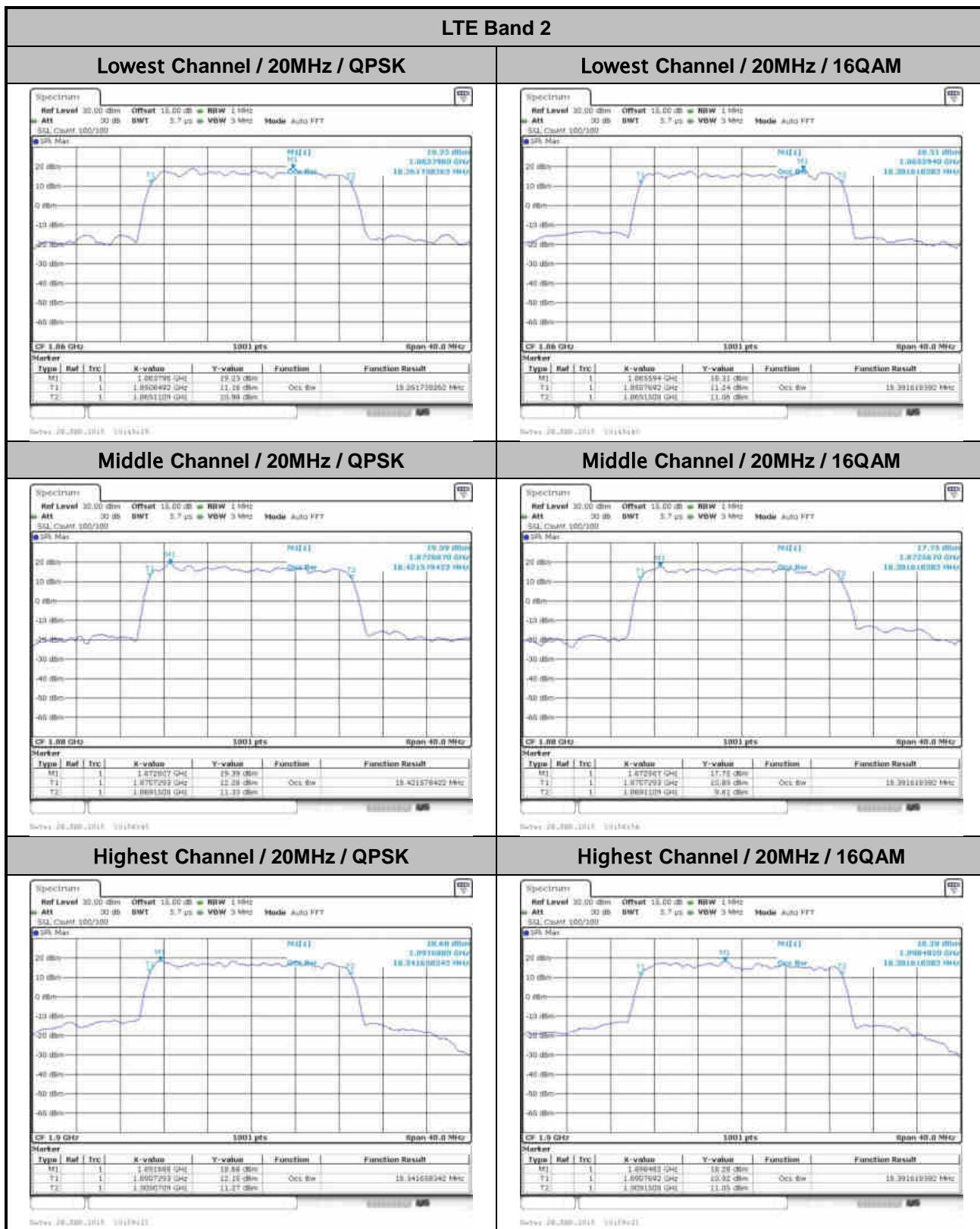


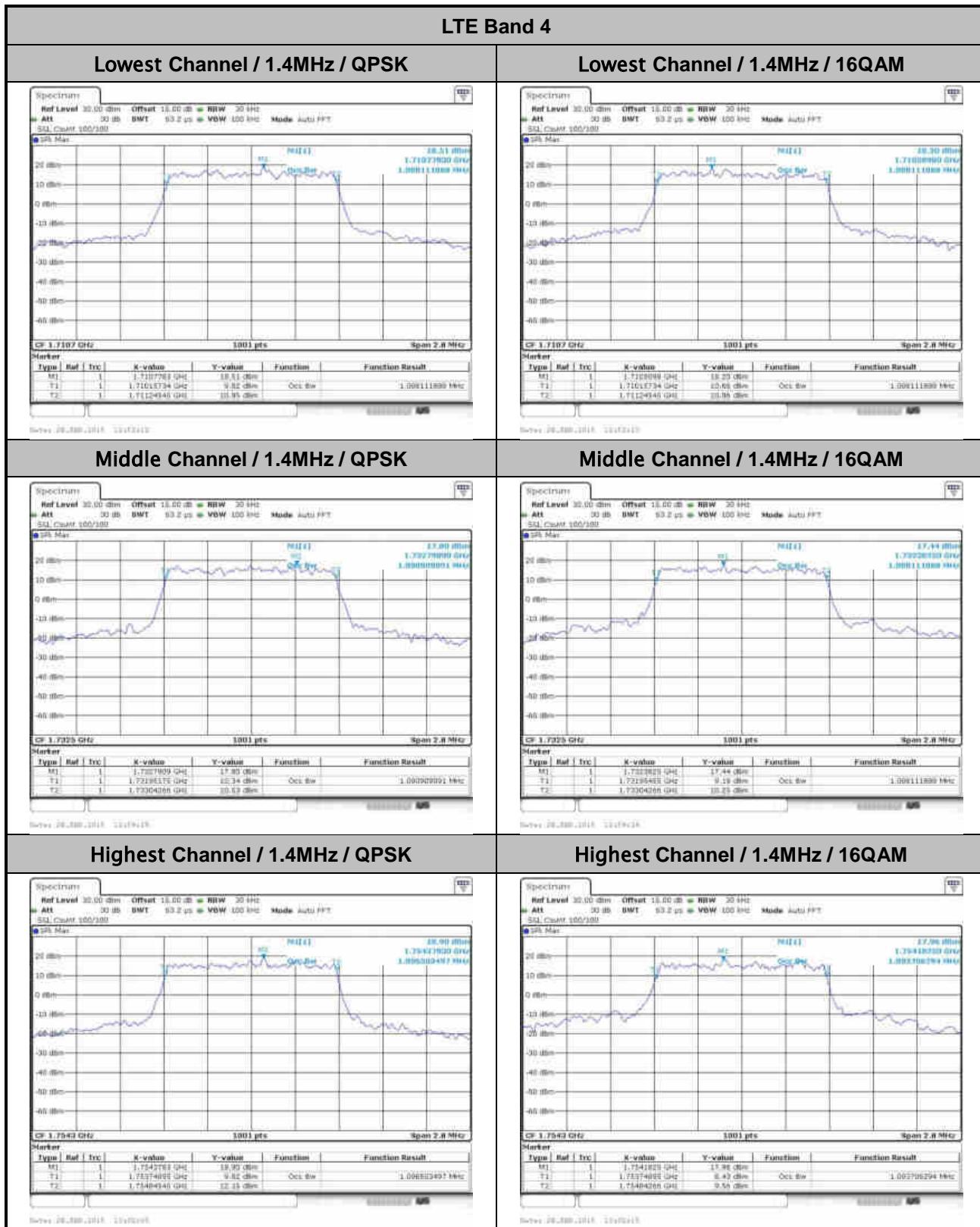


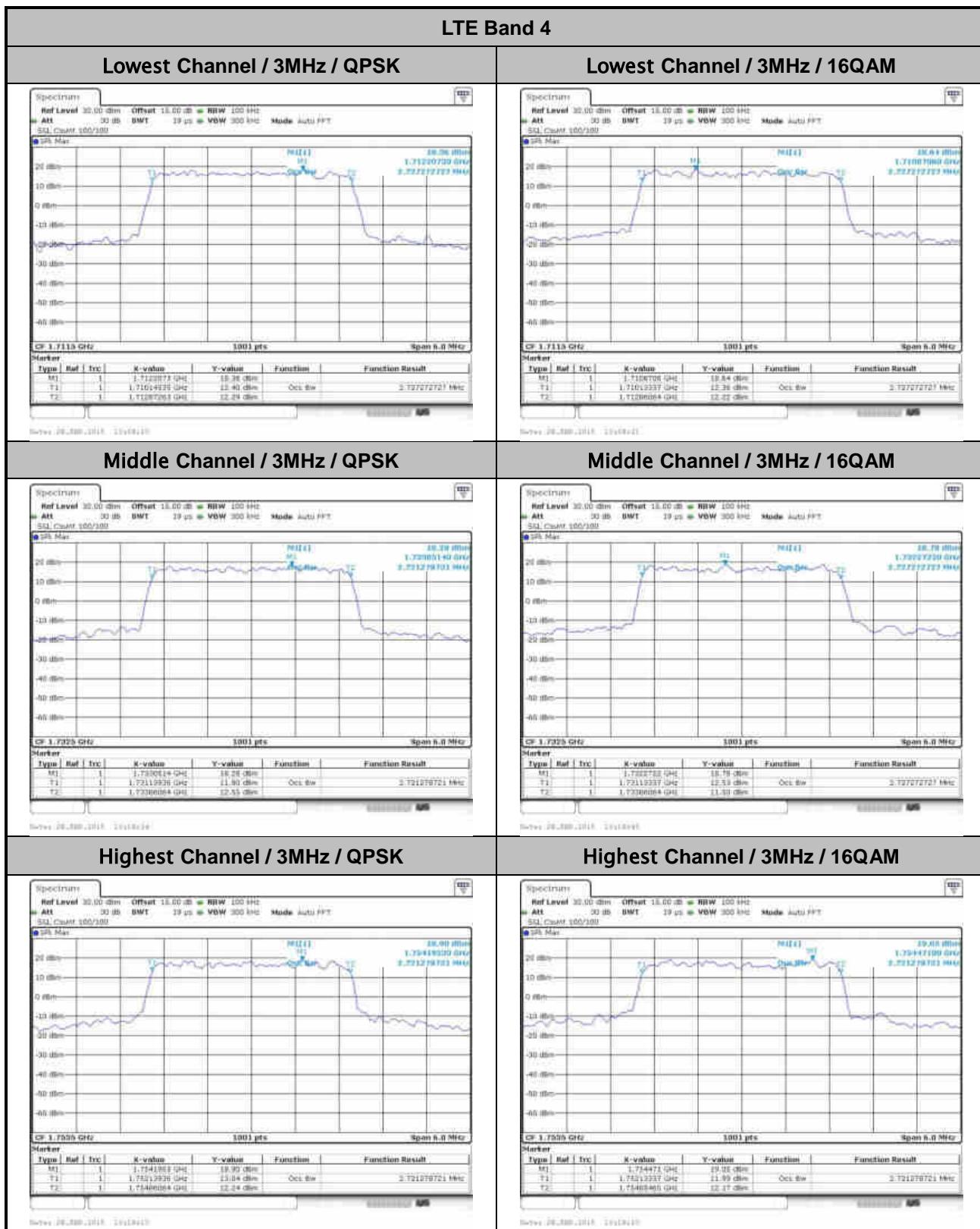


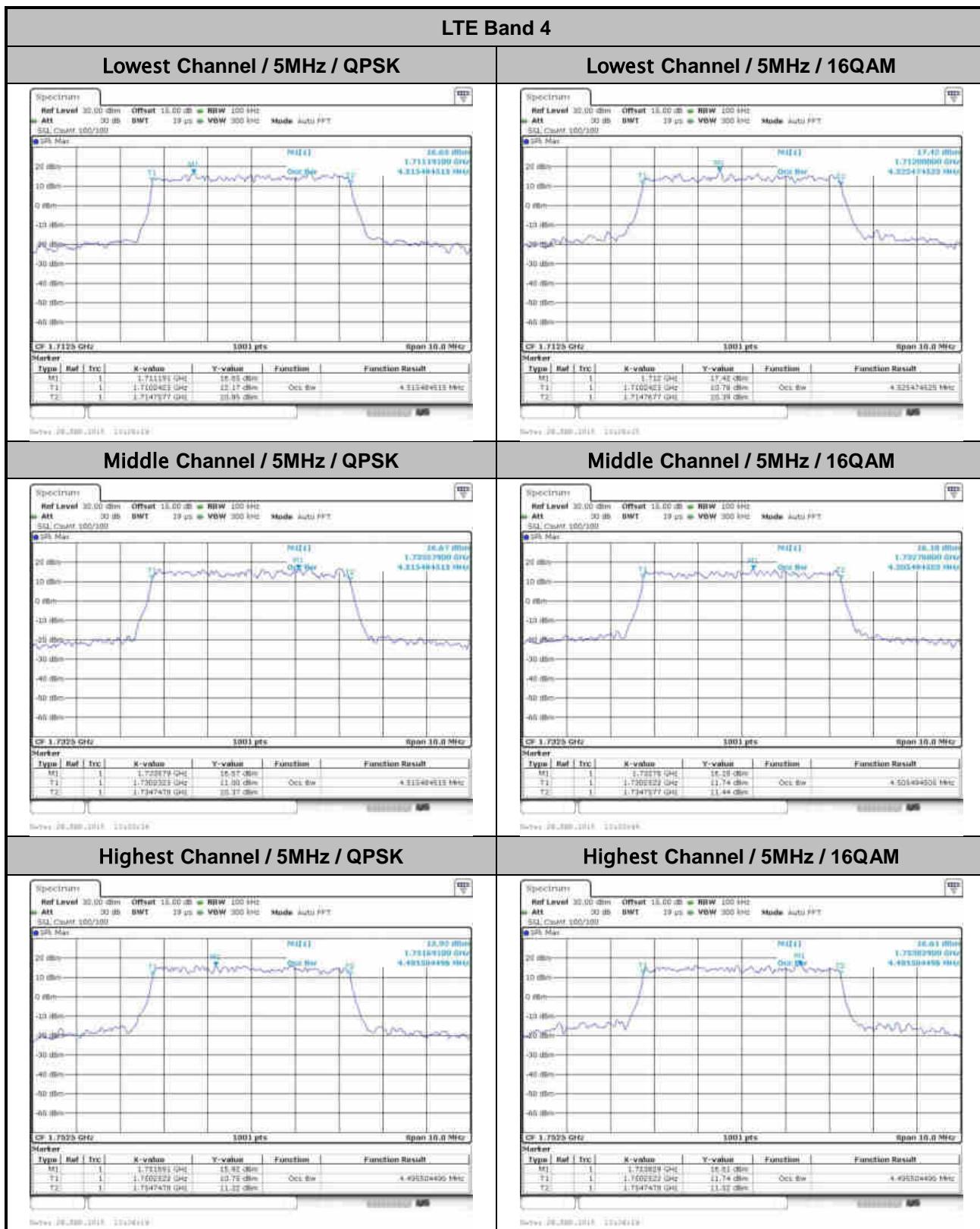


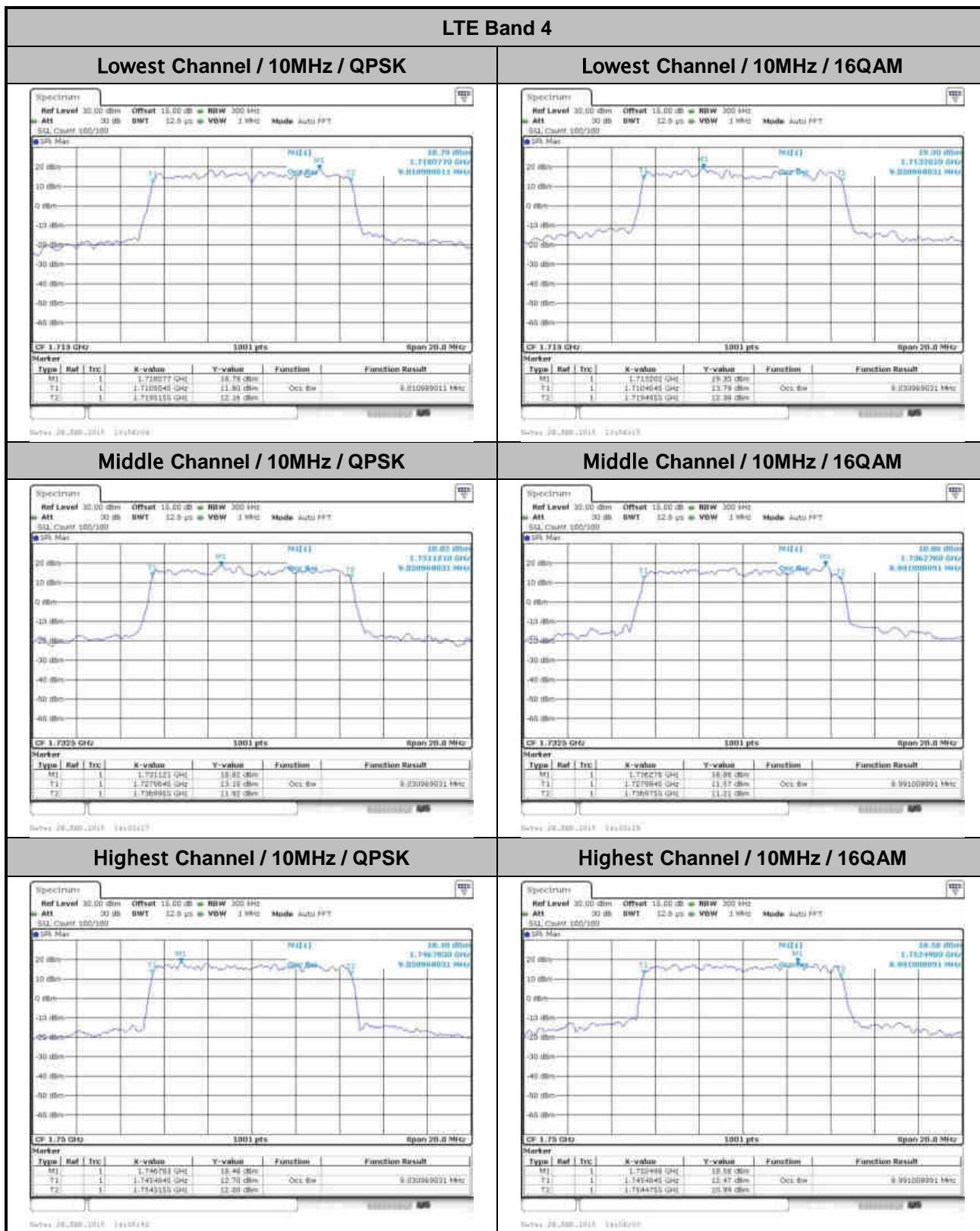


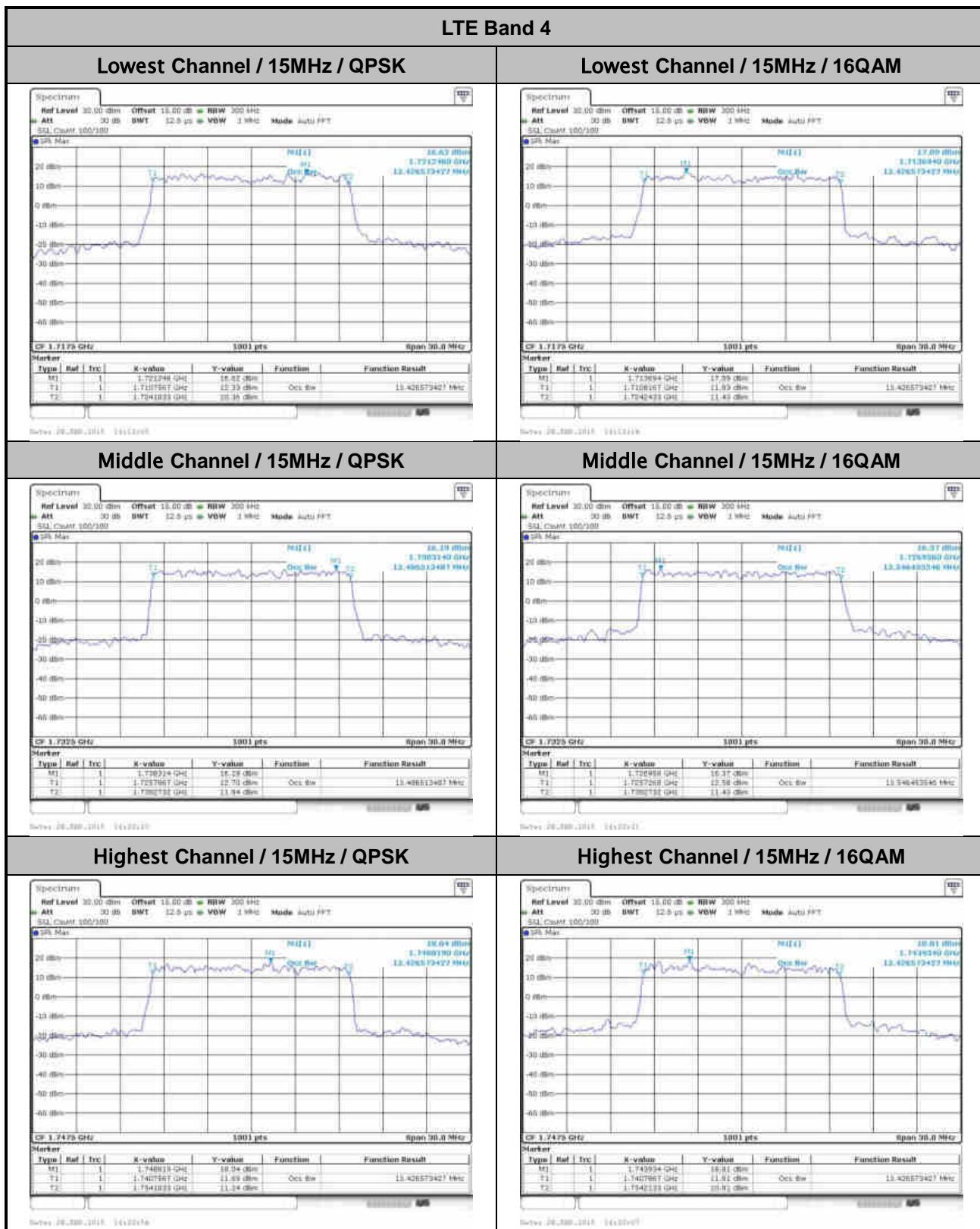


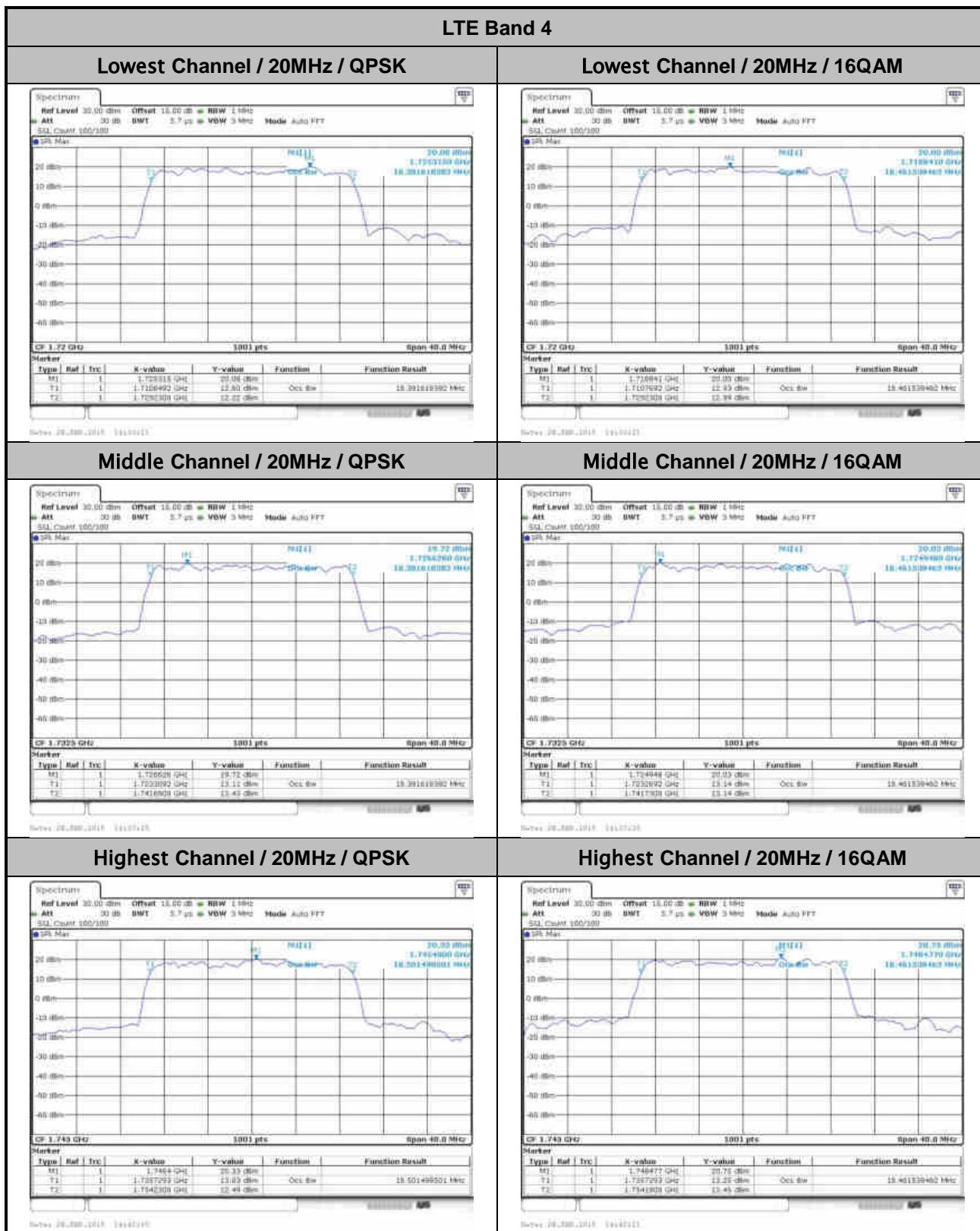


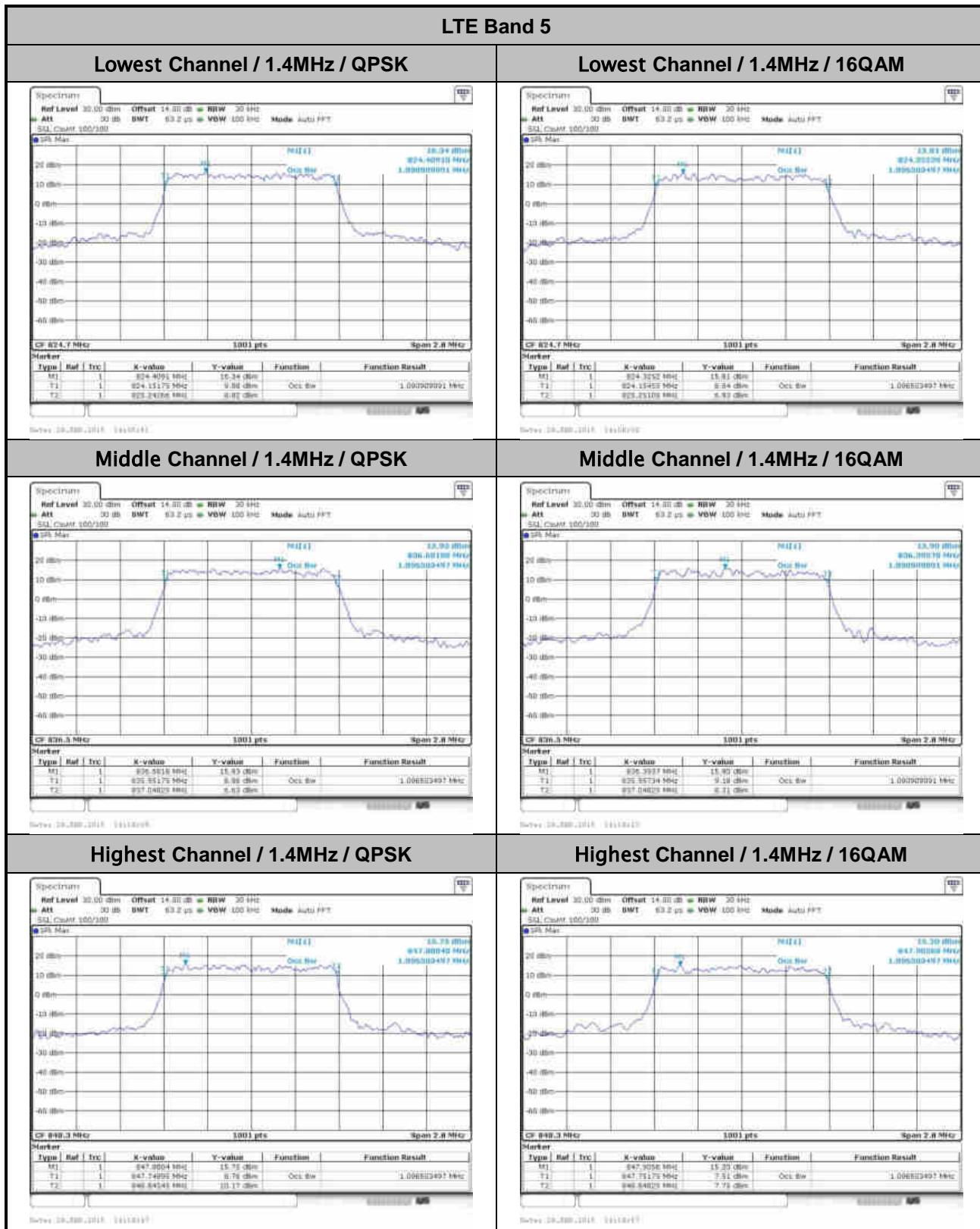


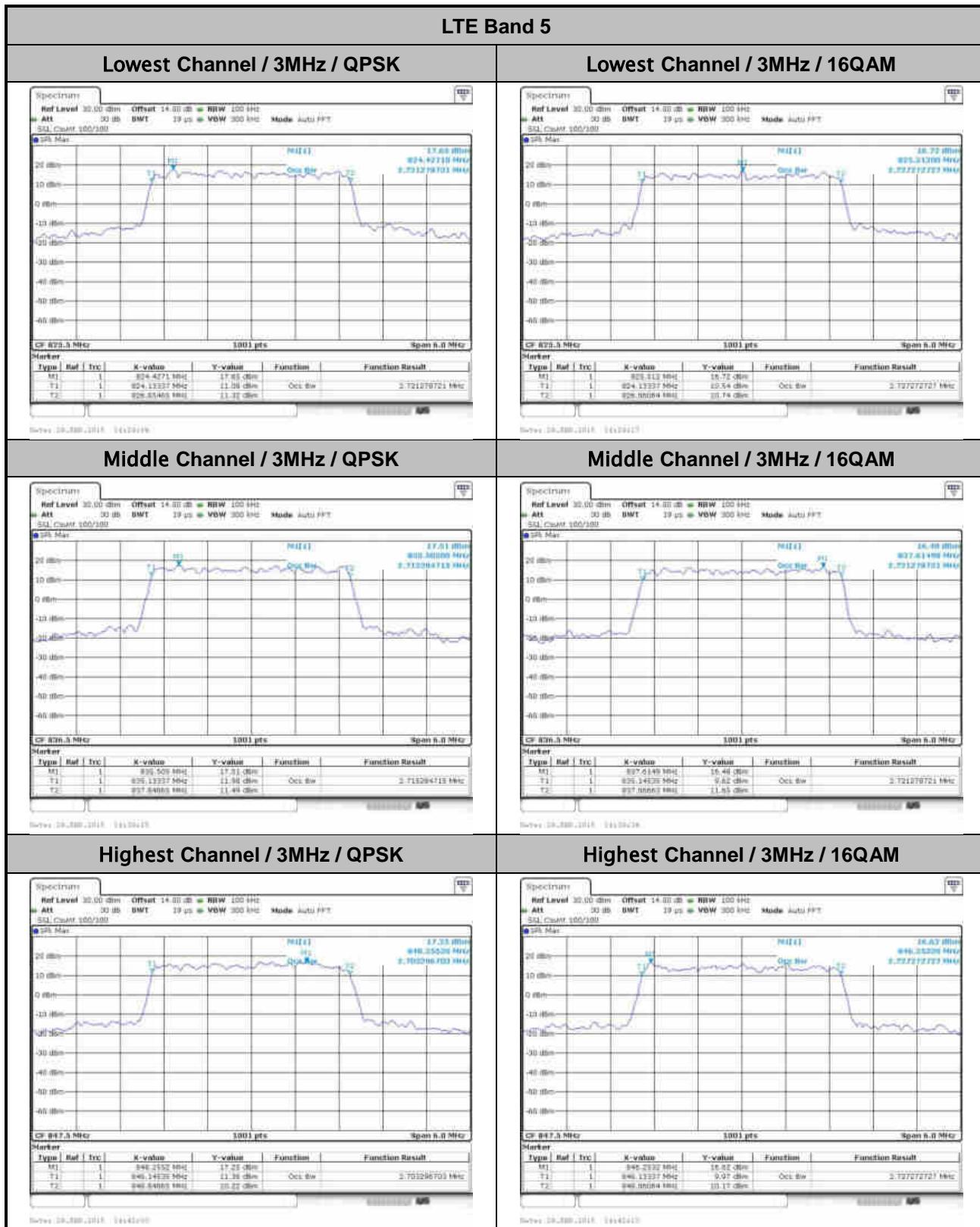


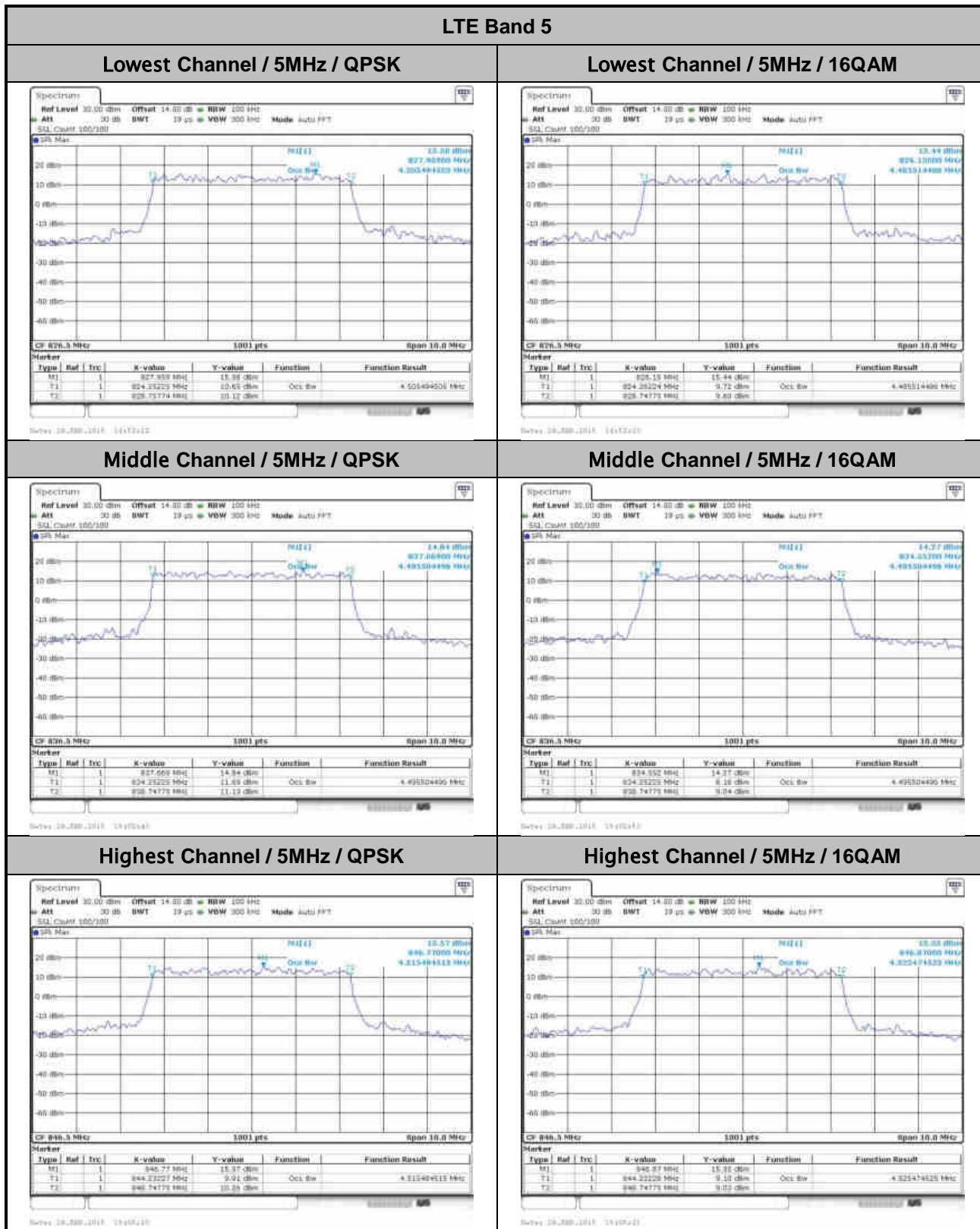


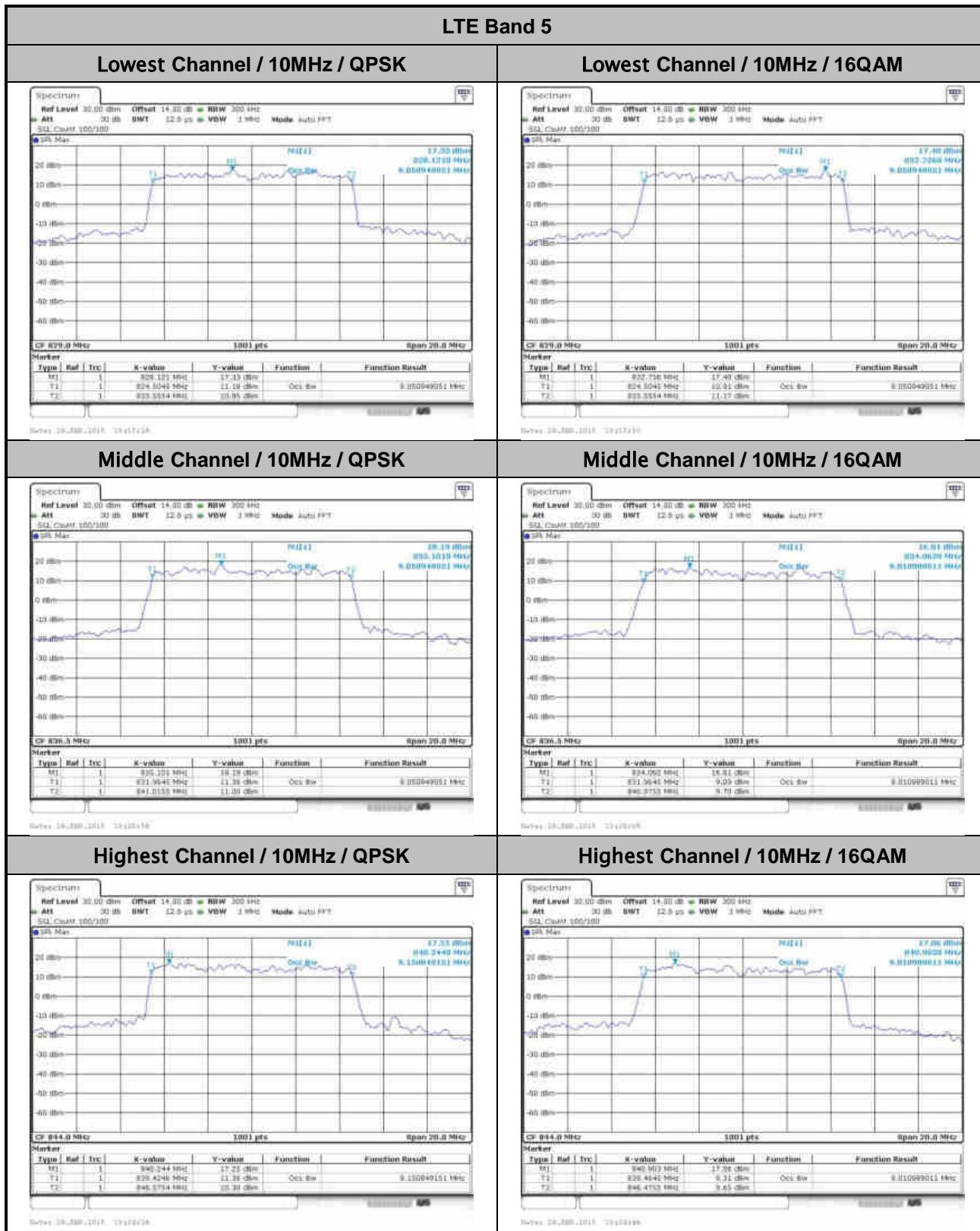


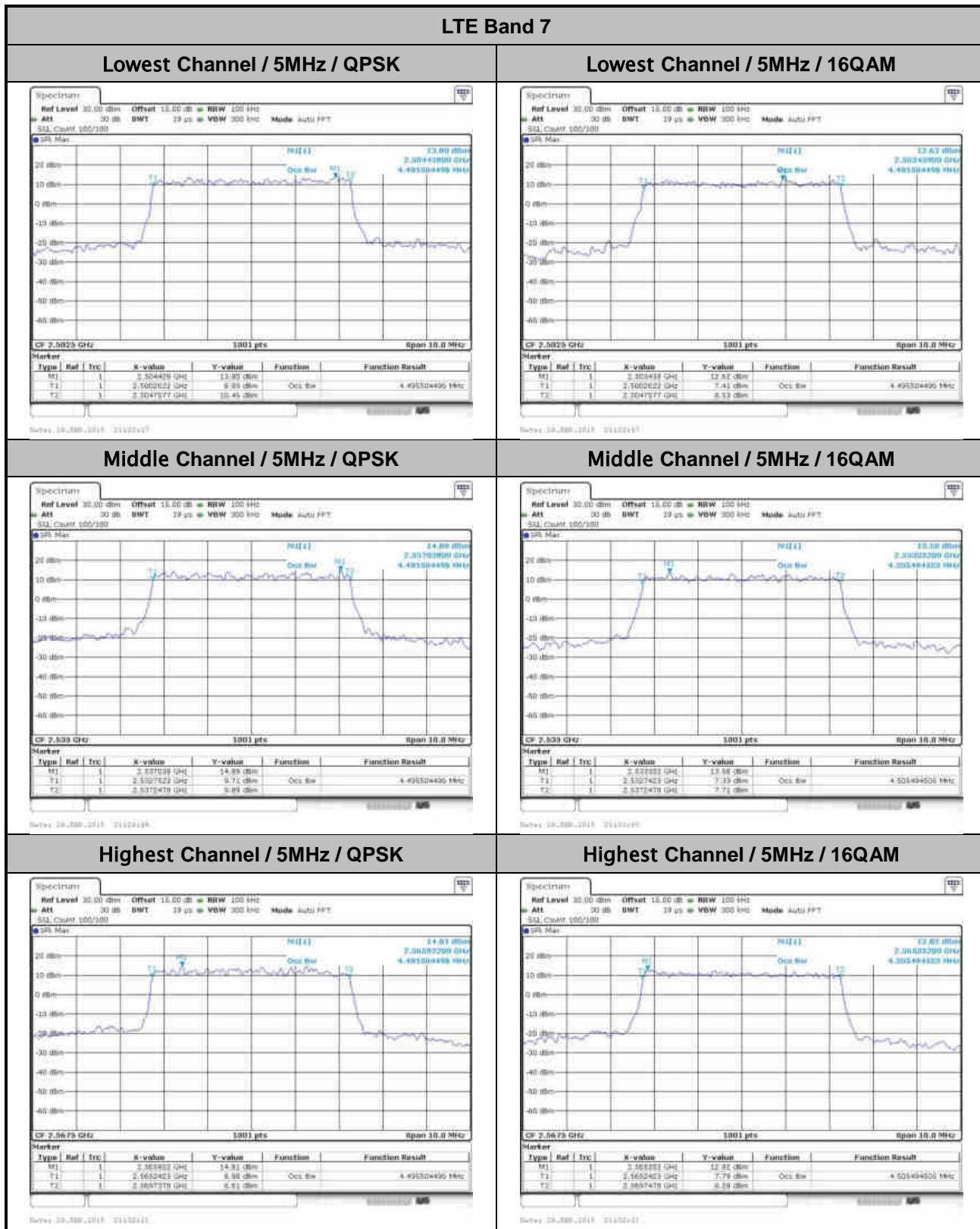


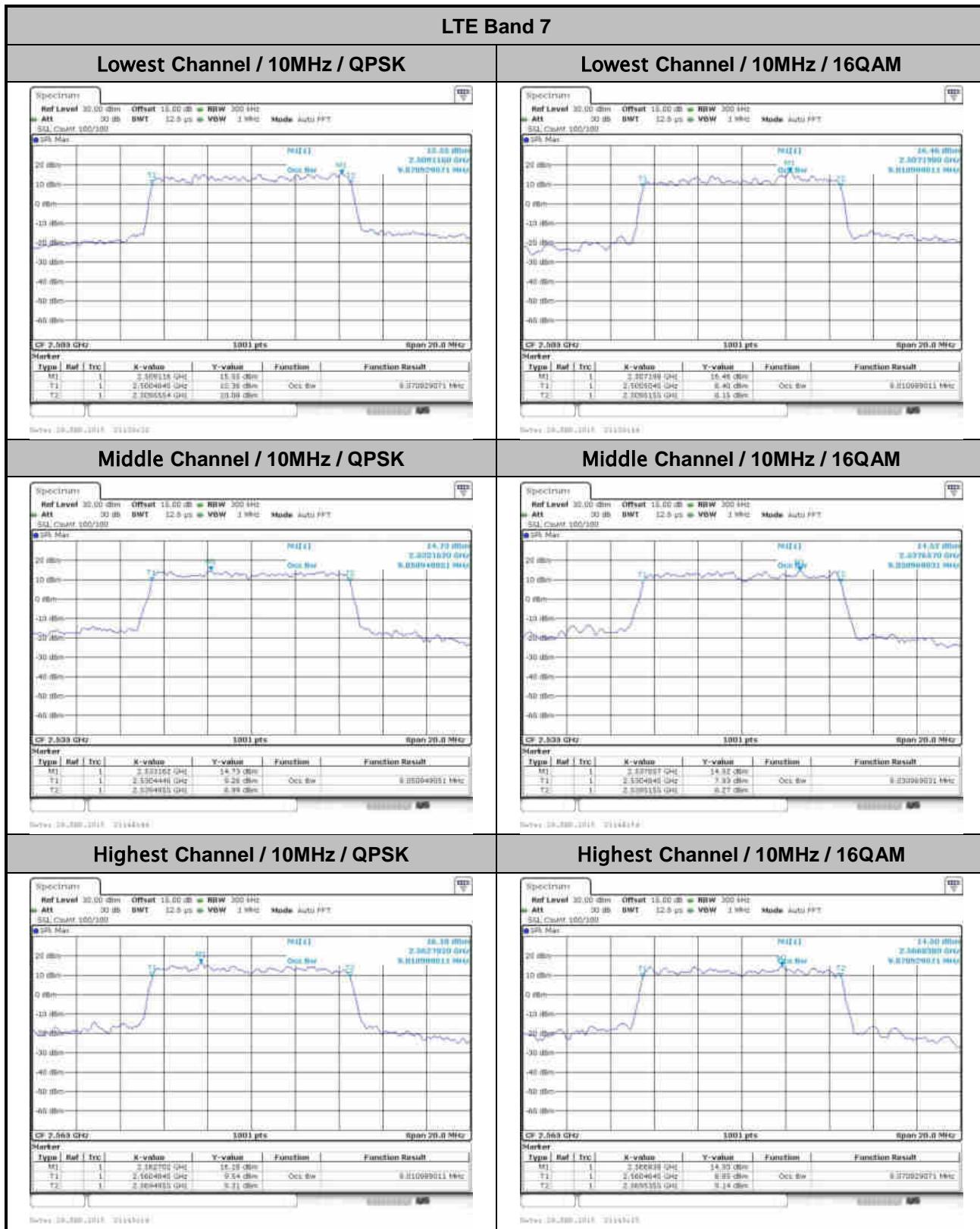


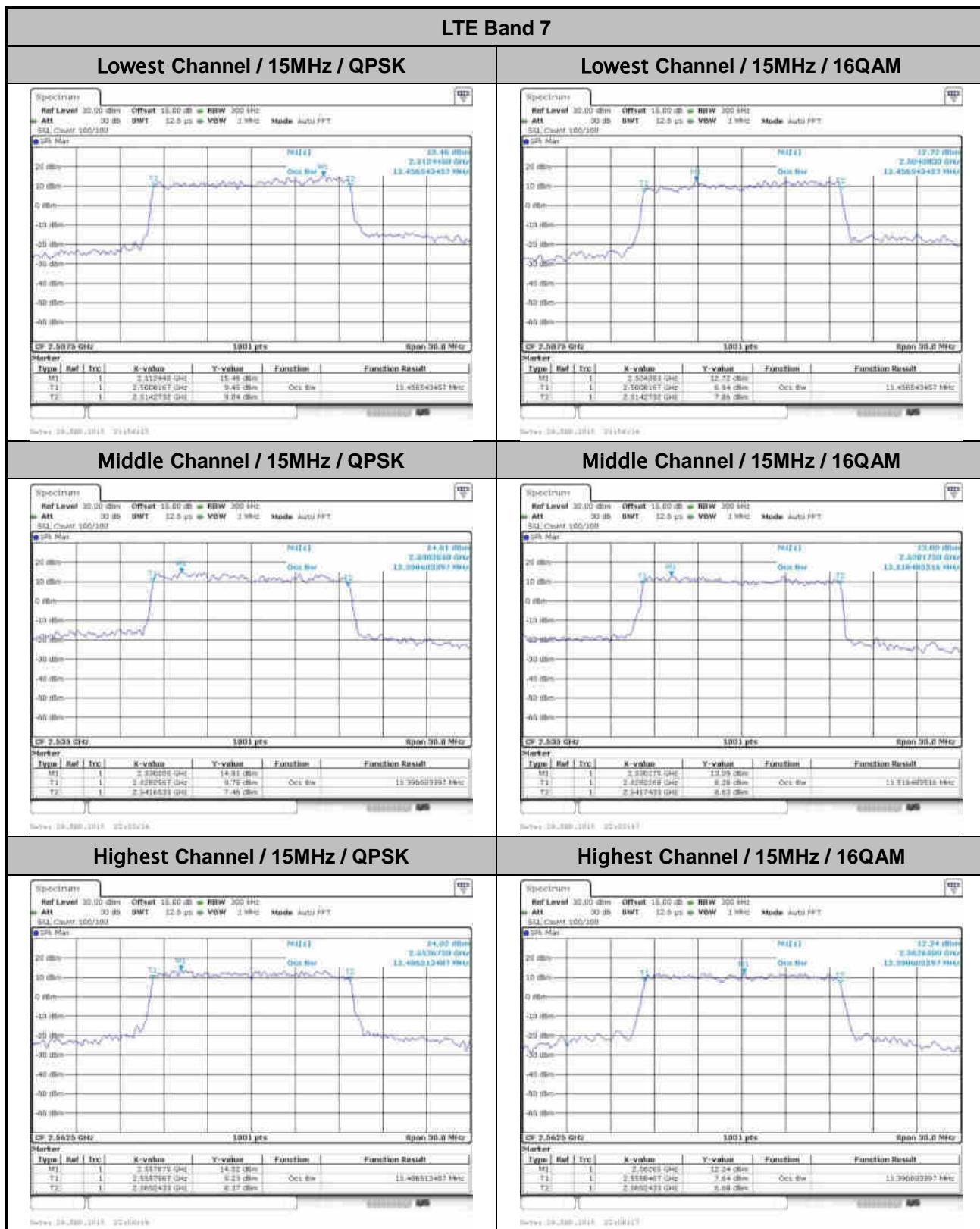


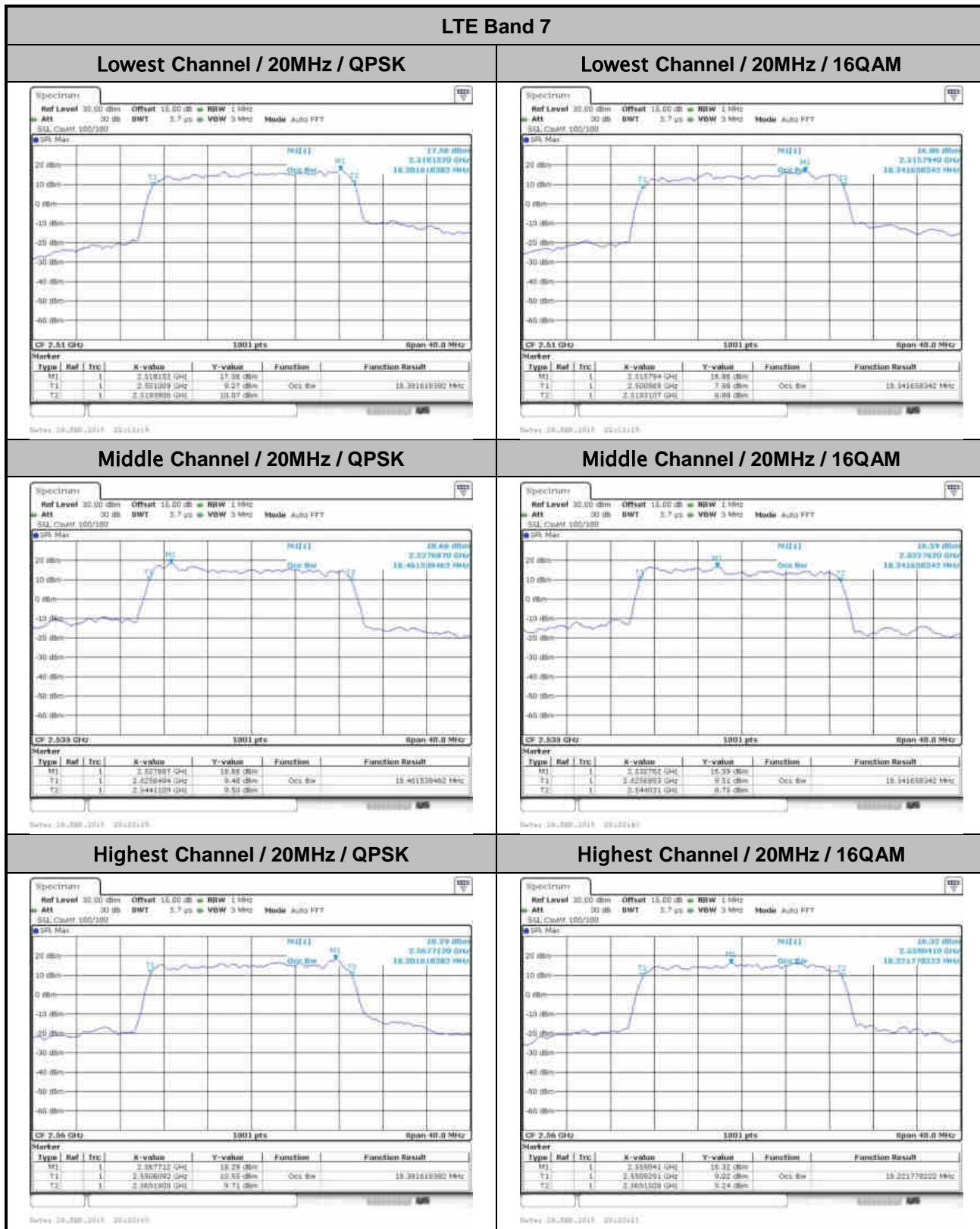


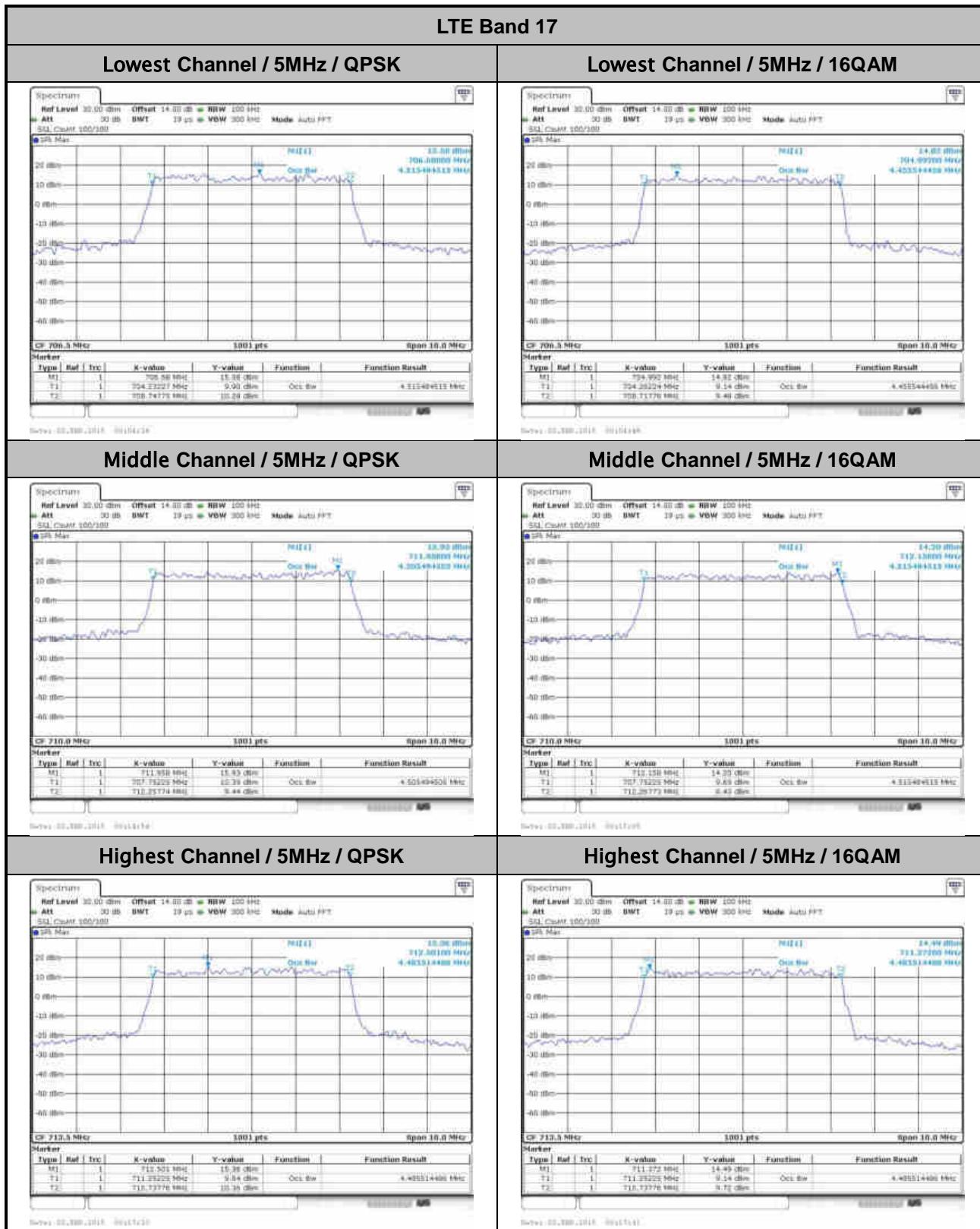


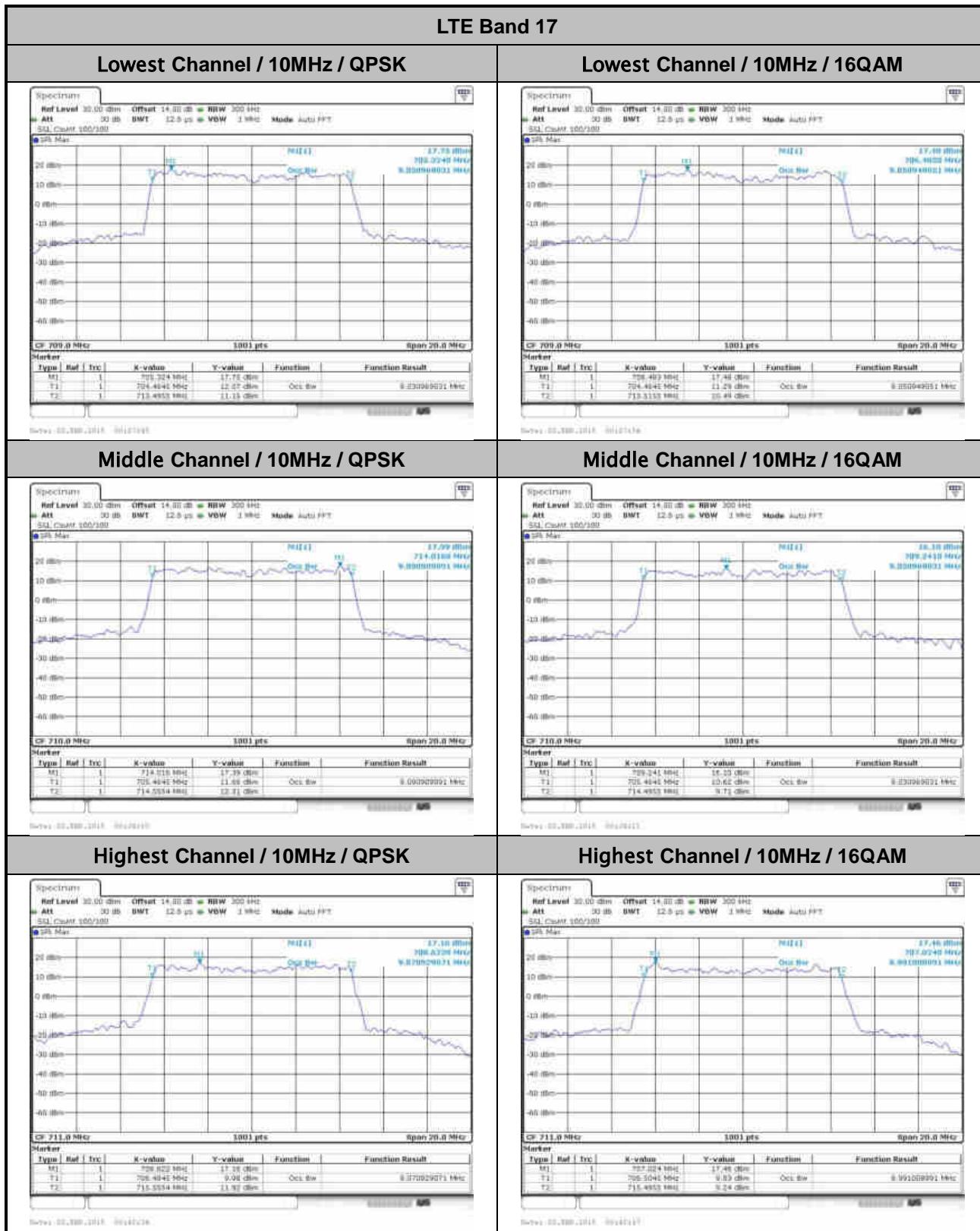














## Conducted Band Edge

