

## Appendix\_LTE\_RF power

## 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

| Test Band: 2 1.4MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|-------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                    | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                               | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                          | 1             | 0      | 21.94                 | 21.75 | 21.72 | /            | 0.50  | 22.44     | 22.25 | 22.22 | 33.01       | PASS    |
|                               |               | 2      | 22.13                 | 21.95 | 21.72 | /            | 0.50  | 22.63     | 22.45 | 22.22 | 33.01       | PASS    |
|                               |               | 5      | 22.05                 | 21.75 | 21.61 | /            | 0.50  | 22.55     | 22.25 | 22.11 | 33.01       | PASS    |
|                               | 3             | 0      | 22.24                 | 21.67 | 21.79 | /            | 0.50  | 22.74     | 22.17 | 22.29 | 33.01       | PASS    |
|                               |               | 2      | 22.43                 | 21.81 | 21.70 | /            | 0.50  | 22.93     | 22.31 | 22.20 | 33.01       | PASS    |
|                               |               | 3      | 22.28                 | 21.66 | 21.66 | /            | 0.50  | 22.78     | 22.16 | 22.16 | 33.01       | PASS    |
| 16QAM                         | 1             | 0      | 21.15                 | 20.70 | 20.60 | /            | 0.50  | 21.65     | 21.20 | 21.10 | 33.01       | PASS    |
|                               |               |        | 21.66                 | 20.76 | 20.88 | /            | 0.50  | 22.16     | 21.26 | 21.38 | 33.01       | PASS    |
|                               |               | 2      | 21.98                 | 20.85 | 20.86 | /            | 0.50  | 22.48     | 21.35 | 21.36 | 33.01       | PASS    |
|                               | 3             | 5      | 21.57                 | 20.68 | 20.63 | /            | 0.50  | 22.07     | 21.18 | 21.13 | 33.01       | PASS    |
|                               |               | 0      | 21.23                 | 20.85 | 20.75 | /            | 0.50  | 21.73     | 21.35 | 21.25 | 33.01       | PASS    |
|                               |               | 2      | 21.42                 | 20.86 | 20.84 | /            | 0.50  | 21.92     | 21.36 | 21.34 | 33.01       | PASS    |
|                               | 6             | 3      | 21.39                 | 20.81 | 20.80 | /            | 0.50  | 21.89     | 21.31 | 21.30 | 33.01       | PASS    |
|                               |               | 0      | 20.42                 | 19.85 | 19.63 | /            | 0.50  | 20.92     | 20.35 | 20.13 | 33.01       | PASS    |
|                               |               |        |                       |       |       |              |       |           |       |       |             |         |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 2 3MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|-----------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                  | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                             | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                        | 1             | 0      | 22.33                 | 21.59 | 21.82 | /            | 0.50  | 22.83     | 22.09 | 22.32 | 33.01       | PASS    |
|                             |               | 7      | 22.36                 | 21.57 | 21.61 | /            | 0.50  | 22.86     | 22.07 | 22.11 | 33.01       | PASS    |
|                             |               | 14     | 22.33                 | 21.85 | 21.76 | /            | 0.50  | 22.83     | 22.35 | 22.26 | 33.01       | PASS    |
|                             | 8             | 0      | 21.13                 | 20.60 | 20.63 | /            | 0.50  | 21.63     | 21.10 | 21.13 | 33.01       | PASS    |
|                             |               | 4      | 21.26                 | 20.61 | 20.63 | /            | 0.50  | 21.76     | 21.11 | 21.13 | 33.01       | PASS    |
|                             |               | 7      | 21.29                 | 20.58 | 20.59 | /            | 0.50  | 21.79     | 21.08 | 21.09 | 33.01       | PASS    |
| 16QAM                       | 15            | 0      | 21.24                 | 20.60 | 20.74 | /            | 0.50  | 21.74     | 21.10 | 21.24 | 33.01       | PASS    |
|                             | 1             |        | 21.00                 | 20.64 | 20.68 | /            | 0.50  | 21.50     | 21.14 | 21.18 | 33.01       | PASS    |
|                             |               | 7      | 22.17                 | 20.48 | 20.96 | /            | 0.50  | 22.67     | 20.98 | 21.46 | 33.01       | PASS    |
|                             |               | 14     | 22.27                 | 20.41 | 20.79 | /            | 0.50  | 22.77     | 20.91 | 21.29 | 33.01       | PASS    |
|                             | 8             | 0      | 20.39                 | 19.81 | 19.67 | /            | 0.50  | 20.89     | 20.31 | 20.17 | 33.01       | PASS    |
|                             |               | 4      | 20.43                 | 19.73 | 19.77 | /            | 0.50  | 20.93     | 20.23 | 20.27 | 33.01       | PASS    |
|                             |               | 7      | 20.45                 | 19.68 | 20.02 | /            | 0.50  | 20.95     | 20.18 | 20.52 | 33.01       | PASS    |
|                             | 15            | 0      | 20.49                 | 19.79 | 19.85 | /            | 0.50  | 20.99     | 20.29 | 20.35 | 33.01       | PASS    |
|                             |               |        |                       |       |       |              |       |           |       |       |             |         |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 2 5MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|-----------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                  | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                             | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                        | 1             | 0      | 22.04                 | 21.95 | 21.65 | /            | 0.50  | 22.54     | 22.45 | 22.15 | 33.01       | PASS    |
|                             |               | 13     | 22.22                 | 21.74 | 21.63 | /            | 0.50  | 22.72     | 22.24 | 22.13 | 33.01       | PASS    |
|                             |               | 24     | 22.09                 | 21.74 | 21.65 | /            | 0.50  | 22.59     | 22.24 | 22.15 | 33.01       | PASS    |
|                             | 12            | 0      | 21.14                 | 20.75 | 20.76 | /            | 0.50  | 21.64     | 21.25 | 21.26 | 33.01       | PASS    |

|       |    |    |       |       |       |   |      |       |       |       |       |      |
|-------|----|----|-------|-------|-------|---|------|-------|-------|-------|-------|------|
| 16QAM | 25 | 6  | 21.35 | 20.70 | 20.60 | / | 0.50 | 21.85 | 21.20 | 21.10 | 33.01 | PASS |
|       |    | 13 | 21.20 | 20.83 | 20.53 | / | 0.50 | 21.70 | 21.33 | 21.03 | 33.01 | PASS |
|       |    | 0  | 21.09 | 20.84 | 20.74 | / | 0.50 | 21.59 | 21.34 | 21.24 | 33.01 | PASS |
|       | 1  |    | 21.19 | 20.53 | 20.59 | / | 0.50 | 21.69 | 21.03 | 21.09 | 33.01 | PASS |
|       |    | 13 | 21.47 | 20.48 | 19.84 | / | 0.50 | 21.97 | 20.98 | 20.34 | 33.01 | PASS |
|       |    | 24 | 21.51 | 20.73 | 19.60 | / | 0.50 | 22.01 | 21.23 | 20.10 | 33.01 | PASS |
|       | 12 | 0  | 19.98 | 19.64 | 19.74 | / | 0.50 | 20.48 | 20.14 | 20.24 | 33.01 | PASS |
|       |    | 6  | 19.86 | 19.62 | 19.67 | / | 0.50 | 20.36 | 20.12 | 20.17 | 33.01 | PASS |
|       |    | 13 | 20.13 | 19.73 | 19.59 | / | 0.50 | 20.63 | 20.23 | 20.09 | 33.01 | PASS |
|       | 25 | 0  | 20.05 | 19.86 | 19.94 | / | 0.50 | 20.55 | 20.36 | 20.44 | 33.01 | PASS |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 2 10MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                         | 1             | 0      | 22.30                 | 22.05 | 21.91 | /            | 0.50  | 22.80     | 22.55 | 22.41 | 33.01       | PASS    |
|                              |               | 25     | 22.55                 | 21.61 | 21.50 | /            | 0.50  | 23.05     | 22.11 | 22.00 | 33.01       | PASS    |
|                              |               | 49     | 22.38                 | 21.73 | 21.45 | /            | 0.50  | 22.88     | 22.23 | 21.95 | 33.01       | PASS    |
|                              | 25            | 0      | 21.18                 | 20.96 | 20.90 | /            | 0.50  | 21.68     | 21.46 | 21.40 | 33.01       | PASS    |
|                              |               | 13     | 21.31                 | 20.81 | 20.61 | /            | 0.50  | 21.81     | 21.31 | 21.11 | 33.01       | PASS    |
|                              |               | 25     | 21.22                 | 20.79 | 20.61 | /            | 0.50  | 21.72     | 21.29 | 21.11 | 33.01       | PASS    |
|                              | 50            | 0      | 21.11                 | 20.88 | 20.81 | /            | 0.50  | 21.61     | 21.38 | 21.31 | 33.01       | PASS    |
| 16QAM                        | 1             |        | 21.72                 | 21.47 | 21.16 | /            | 0.50  | 22.22     | 21.97 | 21.66 | 33.01       | PASS    |
|                              |               | 25     | 22.12                 | 20.36 | 20.84 | /            | 0.50  | 22.62     | 20.86 | 21.34 | 33.01       | PASS    |
|                              |               | 49     | 22.14                 | 20.35 | 20.76 | /            | 0.50  | 22.64     | 20.85 | 21.26 | 33.01       | PASS    |
|                              | 25            | 0      | 20.10                 | 20.07 | 19.94 | /            | 0.50  | 20.60     | 20.57 | 20.44 | 33.01       | PASS    |
|                              |               | 13     | 20.38                 | 20.00 | 19.71 | /            | 0.50  | 20.88     | 20.50 | 20.21 | 33.01       | PASS    |
|                              |               | 25     | 20.39                 | 19.96 | 19.69 | /            | 0.50  | 20.89     | 20.46 | 20.19 | 33.01       | PASS    |
|                              | 50            | 0      | 20.32                 | 20.02 | 19.77 | /            | 0.50  | 20.82     | 20.52 | 20.27 | 33.01       | PASS    |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 2 15MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                         | 1             | 0      | 22.07                 | 21.92 | 22.03 | /            | 0.50  | 22.57     | 22.42 | 22.53 | 33.01       | PASS    |
|                              |               | 38     | 22.36                 | 21.53 | 21.75 | /            | 0.50  | 22.86     | 22.03 | 22.25 | 33.01       | PASS    |
|                              |               | 74     | 21.84                 | 21.69 | 21.43 | /            | 0.50  | 22.34     | 22.19 | 21.93 | 33.01       | PASS    |
|                              | 36            | 0      | 21.14                 | 20.90 | 20.92 | /            | 0.50  | 21.64     | 21.40 | 21.42 | 33.01       | PASS    |
|                              |               | 18     | 21.21                 | 20.74 | 20.69 | /            | 0.50  | 21.71     | 21.24 | 21.19 | 33.01       | PASS    |
|                              |               | 39     | 21.02                 | 20.67 | 20.58 | /            | 0.50  | 21.52     | 21.17 | 21.08 | 33.01       | PASS    |
|                              | 75            | 0      | 21.15                 | 20.83 | 20.86 | /            | 0.50  | 21.65     | 21.33 | 21.36 | 33.01       | PASS    |
| 16QAM                        | 1             |        | 21.73                 | 20.72 | 20.82 | /            | 0.50  | 22.23     | 21.22 | 21.32 | 33.01       | PASS    |
|                              |               | 38     | 22.48                 | 20.03 | 20.62 | /            | 0.50  | 22.98     | 20.53 | 21.12 | 33.01       | PASS    |
|                              |               | 74     | 21.46                 | 20.06 | 20.80 | /            | 0.50  | 21.96     | 20.56 | 21.30 | 33.01       | PASS    |
|                              | 36            | 0      | 20.09                 | 19.96 | 19.88 | /            | 0.50  | 20.59     | 20.46 | 20.38 | 33.01       | PASS    |
|                              |               | 18     | 20.42                 | 19.67 | 19.83 | /            | 0.50  | 20.92     | 20.17 | 20.33 | 33.01       | PASS    |
|                              |               | 39     | 20.37                 | 19.61 | 19.61 | /            | 0.50  | 20.87     | 20.11 | 20.11 | 33.01       | PASS    |
|                              | 75            | 0      | 20.17                 | 19.75 | 19.93 | /            | 0.50  | 20.67     | 20.25 | 20.43 | 33.01       | PASS    |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 2 20MHz Bandwidth |                                                                                       |        |                       |       |       |              |       |           |       |       |             |         |
|------------------------------|---------------------------------------------------------------------------------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                   | RB Allocation                                                                         |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                              | Size                                                                                  | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                         | 1                                                                                     | 0      | 22.42                 | 22.21 | 21.48 | /            | 0.50  | 22.92     | 22.71 | 21.98 | 33.01       | PASS    |
|                              |                                                                                       | 50     | 22.67                 | 21.76 | 22.01 | /            | 0.50  | 23.17     | 22.26 | 22.51 | 33.01       | PASS    |
|                              |                                                                                       | 99     | 22.07                 | 22.01 | 21.19 | /            | 0.50  | 22.57     | 22.51 | 21.69 | 33.01       | PASS    |
|                              | 50                                                                                    | 0      | 21.23                 | 20.87 | 20.74 | /            | 0.50  | 21.73     | 21.37 | 21.24 | 33.01       | PASS    |
|                              |                                                                                       | 25     | 21.14                 | 20.62 | 20.80 | /            | 0.50  | 21.64     | 21.12 | 21.30 | 33.01       | PASS    |
|                              |                                                                                       | 50     | 21.03                 | 20.59 | 20.50 | /            | 0.50  | 21.53     | 21.09 | 21.00 | 33.01       | PASS    |
|                              | 100                                                                                   | 0      | 21.28                 | 20.72 | 20.76 | /            | 0.50  | 21.78     | 21.22 | 21.26 | 33.01       | PASS    |
|                              | 21.33                                                                                 |        | 20.93                 | 20.47 | /     | 0.50         | 21.83 | 21.43     | 20.97 | 33.01 | PASS        |         |
| 16QAM                        | 1                                                                                     | 50     | 21.34                 | 21.42 | 21.63 | /            | 0.50  | 21.84     | 21.92 | 22.13 | 33.01       | PASS    |
|                              |                                                                                       | 99     | 21.08                 | 21.79 | 20.34 | /            | 0.50  | 21.58     | 22.29 | 20.84 | 33.01       | PASS    |
|                              |                                                                                       | 0      | 20.39                 | 20.05 | 19.97 | /            | 0.50  | 20.89     | 20.55 | 20.47 | 33.01       | PASS    |
|                              | 50                                                                                    | 25     | 20.34                 | 19.82 | 19.95 | /            | 0.50  | 20.84     | 20.32 | 20.45 | 33.01       | PASS    |
|                              |                                                                                       | 50     | 20.04                 | 19.68 | 19.66 | /            | 0.50  | 20.54     | 20.18 | 20.16 | 33.01       | PASS    |
|                              | 100                                                                                   | 0      | 20.28                 | 19.95 | 19.82 | /            | 0.50  | 20.78     | 20.45 | 20.32 | 33.01       | PASS    |
|                              | Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |        |                       |       |       |              |       |           |       |       |             |         |

## 2. Effective (Isotropic) Radiated Power Output Data

## 2.1 Test Result

| Test Band: 4    1.4MHz Bandwidth |                                                                                       |        |                       |       |       |              |       |           |       |       |             |         |      |
|----------------------------------|---------------------------------------------------------------------------------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|------|
| Modulation                       | RB Allocation                                                                         |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |      |
|                                  | Size                                                                                  | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |      |
| QPSK                             | 1                                                                                     | 0      | 22.46                 | 22.46 | 22.69 | /            | 0.50  | 22.96     | 22.96 | 23.19 | 30.00       | PASS    |      |
|                                  |                                                                                       | 2      | 22.46                 | 22.63 | 22.85 | /            | 0.50  | 22.96     | 23.13 | 23.35 | 30.00       | PASS    |      |
|                                  |                                                                                       | 5      | 22.34                 | 22.34 | 22.58 | /            | 0.50  | 22.84     | 22.84 | 23.08 | 30.00       | PASS    |      |
|                                  | 3                                                                                     | 0      | 22.36                 | 22.26 | 22.29 | /            | 0.50  | 22.86     | 22.76 | 22.79 | 30.00       | PASS    |      |
|                                  |                                                                                       | 2      | 22.41                 | 22.40 | 22.43 | /            | 0.50  | 22.91     | 22.90 | 22.93 | 30.00       | PASS    |      |
|                                  |                                                                                       | 3      | 22.47                 | 22.37 | 22.26 | /            | 0.50  | 22.97     | 22.87 | 22.76 | 30.00       | PASS    |      |
|                                  | 6                                                                                     | 0      | 21.08                 | 21.28 | 21.27 | /            | 0.50  | 21.58     | 21.78 | 21.77 | 30.00       | PASS    |      |
|                                  | 21.61                                                                                 |        | 21.13                 | 21.54 | /     | 0.50         | 22.11 | 21.63     | 22.04 | 30.00 | PASS        |         |      |
| 16QAM                            | 1                                                                                     | 2      | 21.86                 | 21.15 | 21.51 | /            | 0.50  | 22.36     | 21.65 | 22.01 | 30.00       | PASS    |      |
|                                  |                                                                                       | 5      | 21.61                 | 21.14 | 21.36 | /            | 0.50  | 22.11     | 21.64 | 21.86 | 30.00       | PASS    |      |
|                                  |                                                                                       | 0      | 21.22                 | 21.50 | 21.42 | /            | 0.50  | 21.72     | 22.00 | 21.92 | 30.00       | PASS    |      |
|                                  | 3                                                                                     | 2      | 21.24                 | 21.53 | 21.50 | /            | 0.50  | 21.74     | 22.03 | 22.00 | 30.00       | PASS    |      |
|                                  |                                                                                       | 3      | 21.25                 | 21.63 | 21.45 | /            | 0.50  | 21.75     | 22.13 | 21.95 | 30.00       | PASS    |      |
|                                  |                                                                                       | 6      | 0                     | 20.01 | 20.40 | 20.30        | /     | 0.50      | 20.51 | 20.90 | 20.80       | 30.00   | PASS |
|                                  | Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |        |                       |       |       |              |       |           |       |       |             |         |      |

| Test Band: 4 3MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|-----------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                  | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                             | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                        | 1             | 0      | 22.63                 | 22.53 | 22.35 | /            | 0.50  | 23.13     | 23.03 | 22.85 | 30.00       | PASS    |
|                             |               | 7      | 22.57                 | 22.45 | 22.38 | /            | 0.50  | 23.07     | 22.95 | 22.88 | 30.00       | PASS    |
|                             |               | 14     | 22.52                 | 22.55 | 22.56 | /            | 0.50  | 23.02     | 23.05 | 23.06 | 30.00       | PASS    |
|                             | 8             | 0      | 21.19                 | 21.46 | 21.42 | /            | 0.50  | 21.69     | 21.96 | 21.92 | 30.00       | PASS    |
|                             |               | 4      | 21.17                 | 21.38 | 21.44 | /            | 0.50  | 21.67     | 21.88 | 21.94 | 30.00       | PASS    |
|                             |               | 7      | 21.27                 | 21.48 | 21.38 | /            | 0.50  | 21.77     | 21.98 | 21.88 | 30.00       | PASS    |
|                             | 15            | 0      | 21.26                 | 21.48 | 21.57 | /            | 0.50  | 21.76     | 21.98 | 22.07 | 30.00       | PASS    |

|                                                                                       |    |    |       |       |       |   |      |       |       |       |       |      |
|---------------------------------------------------------------------------------------|----|----|-------|-------|-------|---|------|-------|-------|-------|-------|------|
| 16QAM                                                                                 | 1  |    | 21.95 | 21.09 | 21.23 | / | 0.50 | 22.45 | 21.59 | 21.73 | 30.00 | PASS |
|                                                                                       |    | 7  | 21.93 | 21.12 | 21.74 | / | 0.50 | 22.43 | 21.62 | 22.24 | 30.00 | PASS |
|                                                                                       |    | 14 | 21.43 | 21.44 | 21.60 | / | 0.50 | 21.93 | 21.94 | 22.10 | 30.00 | PASS |
|                                                                                       | 8  | 0  | 20.17 | 20.38 | 21.04 | / | 0.50 | 20.67 | 20.88 | 21.54 | 30.00 | PASS |
|                                                                                       |    | 4  | 20.06 | 20.32 | 20.41 | / | 0.50 | 20.56 | 20.82 | 20.91 | 30.00 | PASS |
|                                                                                       |    | 7  | 20.05 | 20.40 | 20.38 | / | 0.50 | 20.55 | 20.90 | 20.88 | 30.00 | PASS |
|                                                                                       | 15 | 0  | 20.01 | 20.60 | 20.40 | / | 0.50 | 20.51 | 21.10 | 20.90 | 30.00 | PASS |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |    |    |       |       |       |   |      |       |       |       |       |      |

| Test Band: 4 5MHz Bandwidth                                                           |               |        |                       |       |       |              |       |           |       |       |             |         |
|---------------------------------------------------------------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                                                                            | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                                                                       | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                                                                                  | 1             | 0      | 22.24                 | 22.44 | 22.51 | /            | 0.50  | 22.74     | 22.94 | 23.01 | 30.00       | PASS    |
|                                                                                       |               | 13     | 22.12                 | 22.57 | 22.24 | /            | 0.50  | 22.62     | 23.07 | 22.74 | 30.00       | PASS    |
|                                                                                       |               | 24     | 22.50                 | 22.69 | 22.51 | /            | 0.50  | 23.00     | 23.19 | 23.01 | 30.00       | PASS    |
|                                                                                       | 12            | 0      | 21.38                 | 21.42 | 21.46 | /            | 0.50  | 21.88     | 21.92 | 21.96 | 30.00       | PASS    |
|                                                                                       |               | 6      | 21.13                 | 21.53 | 21.36 | /            | 0.50  | 21.63     | 22.03 | 21.86 | 30.00       | PASS    |
|                                                                                       |               | 13     | 21.35                 | 21.64 | 21.59 | /            | 0.50  | 21.85     | 22.14 | 22.09 | 30.00       | PASS    |
|                                                                                       | 25            | 0      | 21.42                 | 21.53 | 21.53 | /            | 0.50  | 21.92     | 22.03 | 22.03 | 30.00       | PASS    |
| 16QAM                                                                                 | 1             | 0      | 21.31                 | 21.10 | 21.05 | /            | 0.50  | 21.81     | 21.60 | 21.55 | 30.00       | PASS    |
|                                                                                       |               | 13     | 20.99                 | 21.21 | 20.54 | /            | 0.50  | 21.49     | 21.71 | 21.04 | 30.00       | PASS    |
|                                                                                       |               | 24     | 21.58                 | 21.31 | 20.51 | /            | 0.50  | 22.08     | 21.81 | 21.01 | 30.00       | PASS    |
|                                                                                       | 12            | 0      | 20.31                 | 20.26 | 20.52 | /            | 0.50  | 20.81     | 20.76 | 21.02 | 30.00       | PASS    |
|                                                                                       |               | 6      | 20.19                 | 20.26 | 20.43 | /            | 0.50  | 20.69     | 20.76 | 20.93 | 30.00       | PASS    |
|                                                                                       |               | 13     | 20.30                 | 20.59 | 20.53 | /            | 0.50  | 20.80     | 21.09 | 21.03 | 30.00       | PASS    |
|                                                                                       | 25            | 0      | 20.42                 | 20.51 | 20.71 | /            | 0.50  | 20.92     | 21.01 | 21.21 | 30.00       | PASS    |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |               |        |                       |       |       |              |       |           |       |       |             |         |

| Test Band: 4 10MHz Bandwidth                                                          |               |        |                       |       |       |              |       |           |       |       |             |         |
|---------------------------------------------------------------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                                                                            | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                                                                       | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                                                                                  | 1             | 0      | 22.22                 | 22.75 | 22.58 | /            | 0.50  | 22.72     | 23.25 | 23.08 | 30.00       | PASS    |
|                                                                                       |               | 25     | 22.22                 | 22.67 | 22.19 | /            | 0.50  | 22.72     | 23.17 | 22.69 | 30.00       | PASS    |
|                                                                                       |               | 49     | 22.54                 | 22.31 | 22.44 | /            | 0.50  | 23.04     | 22.81 | 22.94 | 30.00       | PASS    |
|                                                                                       | 25            | 0      | 21.39                 | 21.41 | 21.47 | /            | 0.50  | 21.89     | 21.91 | 21.97 | 30.00       | PASS    |
|                                                                                       |               | 13     | 21.26                 | 21.53 | 21.38 | /            | 0.50  | 21.76     | 22.03 | 21.88 | 30.00       | PASS    |
|                                                                                       |               | 25     | 21.42                 | 21.54 | 21.37 | /            | 0.50  | 21.92     | 22.04 | 21.87 | 30.00       | PASS    |
|                                                                                       | 50            | 0      | 21.36                 | 21.43 | 21.48 | /            | 0.50  | 21.86     | 21.93 | 21.98 | 30.00       | PASS    |
| 16QAM                                                                                 | 1             | 0      | 21.88                 | 21.30 | 21.88 | /            | 0.50  | 22.38     | 21.80 | 22.38 | 30.00       | PASS    |
|                                                                                       |               | 25     | 21.53                 | 22.20 | 21.10 | /            | 0.50  | 22.03     | 22.70 | 21.60 | 30.00       | PASS    |
|                                                                                       |               | 49     | 21.81                 | 22.07 | 21.55 | /            | 0.50  | 22.31     | 22.57 | 22.05 | 30.00       | PASS    |
|                                                                                       | 25            | 0      | 20.52                 | 20.43 | 20.64 | /            | 0.50  | 21.02     | 20.93 | 21.14 | 30.00       | PASS    |
|                                                                                       |               | 13     | 20.15                 | 20.47 | 20.46 | /            | 0.50  | 20.65     | 20.97 | 20.96 | 30.00       | PASS    |
|                                                                                       |               | 25     | 20.51                 | 20.58 | 20.34 | /            | 0.50  | 21.01     | 21.08 | 20.84 | 30.00       | PASS    |
|                                                                                       | 50            | 0      | 20.35                 | 20.42 | 20.62 | /            | 0.50  | 20.85     | 20.92 | 21.12 | 30.00       | PASS    |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |               |        |                       |       |       |              |       |           |       |       |             |         |

| Test Band: 4 15MHz Bandwidth |               |        |                       |     |     |              |       |           |     |     |             |         |
|------------------------------|---------------|--------|-----------------------|-----|-----|--------------|-------|-----------|-----|-----|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |     |     | Antenna gain |       | EIRP(dBm) |     |     | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH | HCH | (dBd)        | (dBi) | LCH       | MCH | HCH |             |         |

|       |    |    |       |       |       |   |      |       |       |       |       |      |
|-------|----|----|-------|-------|-------|---|------|-------|-------|-------|-------|------|
| QPSK  | 1  | 0  | 22.25 | 22.25 | 22.55 | / | 0.50 | 22.75 | 22.75 | 23.05 | 30.00 | PASS |
|       |    | 38 | 22.19 | 22.43 | 22.24 | / | 0.50 | 22.69 | 22.93 | 22.74 | 30.00 | PASS |
|       |    | 74 | 22.52 | 22.12 | 22.21 | / | 0.50 | 23.02 | 22.62 | 22.71 | 30.00 | PASS |
|       | 36 | 0  | 21.14 | 21.33 | 21.41 | / | 0.50 | 21.64 | 21.83 | 21.91 | 30.00 | PASS |
|       |    | 18 | 21.12 | 21.35 | 21.28 | / | 0.50 | 21.62 | 21.85 | 21.78 | 30.00 | PASS |
|       |    | 39 | 21.28 | 21.48 | 21.30 | / | 0.50 | 21.78 | 21.98 | 21.80 | 30.00 | PASS |
|       | 75 | 0  | 21.17 | 21.26 | 21.31 | / | 0.50 | 21.67 | 21.76 | 21.81 | 30.00 | PASS |
|       |    | 0  | 21.90 | 21.56 | 21.65 | / | 0.50 | 22.40 | 22.06 | 22.15 | 30.00 | PASS |
|       |    | 0  | 21.47 | 21.44 | 21.59 | / | 0.50 | 21.97 | 21.94 | 22.09 | 30.00 | PASS |
| 16QAM | 1  | 38 | 21.47 | 21.44 | 21.59 | / | 0.50 | 21.97 | 21.94 | 22.09 | 30.00 | PASS |
|       |    | 74 | 21.94 | 21.40 | 21.73 | / | 0.50 | 22.44 | 21.90 | 22.23 | 30.00 | PASS |
|       |    | 0  | 20.17 | 20.32 | 20.61 | / | 0.50 | 20.67 | 20.82 | 21.11 | 30.00 | PASS |
|       | 36 | 0  | 20.17 | 20.32 | 20.61 | / | 0.50 | 20.67 | 20.82 | 21.11 | 30.00 | PASS |
|       |    | 18 | 20.13 | 20.45 | 20.27 | / | 0.50 | 20.63 | 20.95 | 20.77 | 30.00 | PASS |
|       |    | 39 | 20.29 | 20.49 | 20.41 | / | 0.50 | 20.79 | 20.99 | 20.91 | 30.00 | PASS |
|       | 75 | 0  | 20.31 | 20.35 | 20.49 | / | 0.50 | 20.81 | 20.85 | 20.99 | 30.00 | PASS |
|       |    | 0  | 20.31 | 20.35 | 20.49 | / | 0.50 | 20.81 | 20.85 | 20.99 | 30.00 | PASS |
|       |    | 0  | 20.31 | 20.35 | 20.49 | / | 0.50 | 20.81 | 20.85 | 20.99 | 30.00 | PASS |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 4 20MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                         | 1             | 0      | 22.61                 | 22.42 | 22.66 | /            | 0.50  | 23.11     | 22.92 | 23.16 | 30.00       | PASS    |
|                              |               | 50     | 22.47                 | 22.83 | 22.73 | /            | 0.50  | 22.97     | 23.33 | 23.23 | 30.00       | PASS    |
|                              |               | 99     | 22.65                 | 22.52 | 22.15 | /            | 0.50  | 23.15     | 23.02 | 22.65 | 30.00       | PASS    |
|                              | 50            | 0      | 21.20                 | 21.39 | 21.50 | /            | 0.50  | 21.70     | 21.89 | 22.00 | 30.00       | PASS    |
|                              |               | 25     | 21.23                 | 21.38 | 21.41 | /            | 0.50  | 21.73     | 21.88 | 21.91 | 30.00       | PASS    |
|                              |               | 50     | 21.37                 | 21.26 | 21.32 | /            | 0.50  | 21.87     | 21.76 | 21.82 | 30.00       | PASS    |
|                              | 100           | 0      | 21.22                 | 21.36 | 21.43 | /            | 0.50  | 21.72     | 21.86 | 21.93 | 30.00       | PASS    |
|                              |               | 0      | 21.26                 | 21.81 | 22.25 | /            | 0.50  | 21.76     | 22.31 | 22.75 | 30.00       | PASS    |
|                              |               | 0      | 21.26                 | 21.81 | 22.25 | /            | 0.50  | 21.76     | 22.31 | 22.75 | 30.00       | PASS    |
| 16QAM                        | 1             | 50     | 21.34                 | 22.60 | 22.15 | /            | 0.50  | 21.84     | 23.10 | 22.65 | 30.00       | PASS    |
|                              |               | 99     | 21.38                 | 22.50 | 21.96 | /            | 0.50  | 21.88     | 23.00 | 22.46 | 30.00       | PASS    |
|                              |               | 0      | 20.21                 | 20.40 | 20.59 | /            | 0.50  | 20.71     | 20.90 | 21.09 | 30.00       | PASS    |
|                              | 50            | 25     | 20.25                 | 20.39 | 20.42 | /            | 0.50  | 20.75     | 20.89 | 20.92 | 30.00       | PASS    |
|                              |               | 50     | 20.35                 | 20.32 | 20.34 | /            | 0.50  | 20.85     | 20.82 | 20.84 | 30.00       | PASS    |
|                              |               | 0      | 20.10                 | 20.21 | 20.38 | /            | 0.50  | 20.60     | 20.71 | 20.88 | 30.00       | PASS    |
|                              | 100           | 0      | 20.10                 | 20.21 | 20.38 | /            | 0.50  | 20.60     | 20.71 | 20.88 | 30.00       | PASS    |
|                              |               | 0      | 20.10                 | 20.21 | 20.38 | /            | 0.50  | 20.60     | 20.71 | 20.88 | 30.00       | PASS    |
|                              |               | 0      | 20.10                 | 20.21 | 20.38 | /            | 0.50  | 20.60     | 20.71 | 20.88 | 30.00       | PASS    |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

### 3. Effective (Isotropic) Radiated Power Output Data

#### 3.1 Test Result

| Test Band: 5 1.4MHz Bandwidth |               |        |                       |       |       |              |       |          |       |       |             |         |
|-------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|----------|-------|-------|-------------|---------|
| Modulation                    | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | ERP(dBm) |       |       | Limit (dBm) | Verdict |
|                               | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH      | MCH   | HCH   |             |         |
| QPSK                          | 1             | 0      | 23.01                 | 23.02 | 23.00 | -1.15        | 1.00  | 21.86    | 21.87 | 21.85 | 38.45       | PASS    |
|                               |               | 2      | 23.08                 | 23.05 | 23.22 | -1.15        | 1.00  | 21.93    | 21.90 | 22.07 | 38.45       | PASS    |
|                               |               | 5      | 22.96                 | 23.02 | 23.04 | -1.15        | 1.00  | 21.81    | 21.87 | 21.89 | 38.45       | PASS    |
|                               | 3             | 0      | 23.01                 | 23.05 | 23.16 | -1.15        | 1.00  | 21.86    | 21.90 | 22.01 | 38.45       | PASS    |
|                               |               | 2      | 23.11                 | 23.11 | 23.14 | -1.15        | 1.00  | 21.96    | 21.96 | 21.99 | 38.45       | PASS    |
|                               |               | 3      | 22.98                 | 23.08 | 23.04 | -1.15        | 1.00  | 21.83    | 21.93 | 21.89 | 38.45       | PASS    |
|                               | 6             | 0      | 21.92                 | 22.07 | 22.09 | -1.15        | 1.00  | 20.77    | 20.92 | 20.94 | 38.45       | PASS    |
|                               |               | 0      | 22.03                 | 22.35 | 21.82 | -1.15        | 1.00  | 20.88    | 21.20 | 20.67 | 38.45       | PASS    |
|                               |               | 0      | 22.03                 | 22.35 | 21.82 | -1.15        | 1.00  | 20.88    | 21.20 | 20.67 | 38.45       | PASS    |
| 16QAM                         | 1             | 2      | 22.10                 | 22.98 | 21.91 | -1.15        | 1.00  | 20.95    | 21.83 | 20.76 | 38.45       | PASS    |
|                               |               | 5      | 22.01                 | 22.88 | 21.77 | -1.15        | 1.00  | 20.86    | 21.73 | 20.62 | 38.45       | PASS    |
|                               |               | 5      | 22.01                 | 22.88 | 21.77 | -1.15        | 1.00  | 20.86    | 21.73 | 20.62 | 38.45       | PASS    |

|  |   |   |       |       |       |       |      |       |       |       |       |      |
|--|---|---|-------|-------|-------|-------|------|-------|-------|-------|-------|------|
|  | 3 | 0 | 21.77 | 22.22 | 22.14 | -1.15 | 1.00 | 20.62 | 21.07 | 20.99 | 38.45 | PASS |
|  |   | 2 | 21.90 | 22.29 | 22.17 | -1.15 | 1.00 | 20.75 | 21.14 | 21.02 | 38.45 | PASS |
|  |   | 3 | 21.54 | 22.29 | 22.29 | -1.15 | 1.00 | 20.39 | 21.14 | 21.14 | 38.45 | PASS |
|  | 6 | 0 | 21.08 | 21.20 | 20.96 | -1.15 | 1.00 | 19.93 | 20.05 | 19.81 | 38.45 | PASS |

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

| Test Band: 5 3MHz Bandwidth |               |        |                       |       |       |              |       |          |       |       |             |         |
|-----------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|----------|-------|-------|-------------|---------|
| Modulation                  | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | ERP(dBm) |       |       | Limit (dBm) | Verdict |
|                             | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH      | MCH   | HCH   |             |         |
| QPSK                        | 1             | 0      | 22.97                 | 23.19 | 23.08 | -1.15        | 1.00  | 21.82    | 22.04 | 21.93 | 38.45       | PASS    |
|                             |               | 7      | 23.17                 | 23.30 | 23.30 | -1.15        | 1.00  | 22.02    | 22.15 | 22.15 | 38.45       | PASS    |
|                             |               | 14     | 23.00                 | 23.35 | 23.09 | -1.15        | 1.00  | 21.85    | 22.20 | 21.94 | 38.45       | PASS    |
|                             | 8             | 0      | 21.91                 | 22.12 | 22.20 | -1.15        | 1.00  | 20.76    | 20.97 | 21.05 | 38.45       | PASS    |
|                             |               | 4      | 21.80                 | 22.10 | 22.22 | -1.15        | 1.00  | 20.65    | 20.95 | 21.07 | 38.45       | PASS    |
|                             |               | 7      | 21.84                 | 22.26 | 22.18 | -1.15        | 1.00  | 20.69    | 21.11 | 21.03 | 38.45       | PASS    |
| 16QAM                       | 15            | 0      | 22.04                 | 22.19 | 22.18 | -1.15        | 1.00  | 20.89    | 21.04 | 21.03 | 38.45       | PASS    |
|                             |               | 0      | 22.59                 | 21.82 | 21.86 | -1.15        | 1.00  | 21.44    | 20.67 | 20.71 | 38.45       | PASS    |
|                             |               | 7      | 22.13                 | 22.82 | 21.55 | -1.15        | 1.00  | 20.98    | 21.67 | 20.40 | 38.45       | PASS    |
|                             | 1             | 14     | 21.96                 | 22.88 | 21.70 | -1.15        | 1.00  | 20.81    | 21.73 | 20.55 | 38.45       | PASS    |
|                             |               | 0      | 21.37                 | 20.88 | 21.03 | -1.15        | 1.00  | 20.22    | 19.73 | 19.88 | 38.45       | PASS    |
|                             |               | 4      | 21.24                 | 20.86 | 21.15 | -1.15        | 1.00  | 20.09    | 19.71 | 20.00 | 38.45       | PASS    |
|                             | 8             | 7      | 21.00                 | 20.88 | 21.31 | -1.15        | 1.00  | 19.85    | 19.73 | 20.16 | 38.45       | PASS    |
|                             |               | 0      | 21.06                 | 20.82 | 21.30 | -1.15        | 1.00  | 19.91    | 19.67 | 20.15 | 38.45       | PASS    |
|                             |               | 7      | 21.00                 | 20.88 | 21.31 | -1.15        | 1.00  | 19.85    | 19.73 | 20.16 | 38.45       | PASS    |

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

| Test Band: 5 5MHz Bandwidth |               |        |                       |       |       |              |       |          |       |       |             |         |
|-----------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|----------|-------|-------|-------------|---------|
| Modulation                  | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | ERP(dBm) |       |       | Limit (dBm) | Verdict |
|                             | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH      | MCH   | HCH   |             |         |
| QPSK                        | 1             | 0      | 22.91                 | 23.27 | 23.17 | -1.15        | 1.00  | 21.76    | 22.12 | 22.02 | 38.45       | PASS    |
|                             |               | 13     | 22.92                 | 23.34 | 23.14 | -1.15        | 1.00  | 21.77    | 22.19 | 21.99 | 38.45       | PASS    |
|                             |               | 24     | 22.99                 | 23.30 | 23.29 | -1.15        | 1.00  | 21.84    | 22.15 | 22.14 | 38.45       | PASS    |
|                             | 12            | 0      | 22.03                 | 22.13 | 22.34 | -1.15        | 1.00  | 20.88    | 20.98 | 21.19 | 38.45       | PASS    |
|                             |               | 6      | 21.82                 | 22.16 | 22.16 | -1.15        | 1.00  | 20.67    | 21.01 | 21.01 | 38.45       | PASS    |
|                             |               | 13     | 21.82                 | 22.25 | 22.21 | -1.15        | 1.00  | 20.67    | 21.10 | 21.06 | 38.45       | PASS    |
| 16QAM                       | 25            | 0      | 21.91                 | 22.12 | 22.22 | -1.15        | 1.00  | 20.76    | 20.97 | 21.07 | 38.45       | PASS    |
|                             |               | 0      | 21.57                 | 22.09 | 21.47 | -1.15        | 1.00  | 20.42    | 20.94 | 20.32 | 38.45       | PASS    |
|                             |               | 13     | 22.02                 | 22.16 | 21.24 | -1.15        | 1.00  | 20.87    | 21.01 | 20.09 | 38.45       | PASS    |
|                             | 1             | 24     | 22.07                 | 22.17 | 21.48 | -1.15        | 1.00  | 20.92    | 21.02 | 20.33 | 38.45       | PASS    |
|                             |               | 0      | 21.07                 | 20.79 | 21.18 | -1.15        | 1.00  | 19.92    | 19.64 | 20.03 | 38.45       | PASS    |
|                             |               | 6      | 20.78                 | 21.00 | 21.12 | -1.15        | 1.00  | 19.63    | 19.85 | 19.97 | 38.45       | PASS    |
|                             | 12            | 13     | 20.87                 | 20.95 | 21.16 | -1.15        | 1.00  | 19.72    | 19.80 | 20.01 | 38.45       | PASS    |
|                             |               | 0      | 21.01                 | 21.06 | 21.30 | -1.15        | 1.00  | 19.86    | 19.91 | 20.15 | 38.45       | PASS    |
|                             |               | 7      | 21.00                 | 20.88 | 21.31 | -1.15        | 1.00  | 19.85    | 19.73 | 20.16 | 38.45       | PASS    |

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

3) ERP = Conducted output power + Antenna gain (dBd)

| Test Band: 5 10MHz Bandwidth |               |        |                       |     |     |              |       |          |     |     |             |         |
|------------------------------|---------------|--------|-----------------------|-----|-----|--------------|-------|----------|-----|-----|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |     |     | Antenna gain |       | ERP(dBm) |     |     | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH | HCH | (dBd)        | (dBi) | LCH      | MCH | HCH |             |         |

|       |    |    |       |       |       |       |      |       |       |       |       |      |
|-------|----|----|-------|-------|-------|-------|------|-------|-------|-------|-------|------|
| QPSK  | 1  | 0  | 23.19 | 23.06 | 23.21 | -1.15 | 1.00 | 22.04 | 21.91 | 22.06 | 38.45 | PASS |
|       |    | 25 | 23.03 | 23.40 | 23.28 | -1.15 | 1.00 | 21.88 | 22.25 | 22.13 | 38.45 | PASS |
|       |    | 49 | 23.06 | 23.21 | 23.13 | -1.15 | 1.00 | 21.91 | 22.06 | 21.98 | 38.45 | PASS |
|       | 25 | 0  | 21.89 | 22.17 | 22.24 | -1.15 | 1.00 | 20.74 | 21.02 | 21.09 | 38.45 | PASS |
|       |    | 13 | 21.95 | 22.22 | 22.20 | -1.15 | 1.00 | 20.80 | 21.07 | 21.05 | 38.45 | PASS |
|       |    | 25 | 22.18 | 22.24 | 22.27 | -1.15 | 1.00 | 21.03 | 21.09 | 21.12 | 38.45 | PASS |
|       | 50 | 0  | 22.08 | 22.15 | 22.38 | -1.15 | 1.00 | 20.93 | 21.00 | 21.23 | 38.45 | PASS |
|       |    | 0  | 22.43 | 21.67 | 22.42 | -1.15 | 1.00 | 21.28 | 20.52 | 21.27 | 38.45 | PASS |
|       |    | 0  | 22.53 | 21.99 | 22.28 | -1.15 | 1.00 | 21.38 | 20.84 | 21.13 | 38.45 | PASS |
| 16QAM | 1  | 49 | 23.39 | 21.93 | 22.10 | -1.15 | 1.00 | 22.24 | 20.78 | 20.95 | 38.45 | PASS |
|       |    | 0  | 21.20 | 21.27 | 21.33 | -1.15 | 1.00 | 20.05 | 20.12 | 20.18 | 38.45 | PASS |
|       |    | 13 | 20.97 | 21.32 | 21.33 | -1.15 | 1.00 | 19.82 | 20.17 | 20.18 | 38.45 | PASS |
|       | 25 | 25 | 21.33 | 21.31 | 21.32 | -1.15 | 1.00 | 20.18 | 20.16 | 20.17 | 38.45 | PASS |
|       |    | 0  | 21.10 | 20.97 | 21.42 | -1.15 | 1.00 | 19.95 | 19.82 | 20.27 | 38.45 | PASS |
|       |    | 0  | 21.10 | 20.97 | 21.42 | -1.15 | 1.00 | 19.95 | 19.82 | 20.27 | 38.45 | PASS |
|       | 50 | 0  | 21.10 | 20.97 | 21.42 | -1.15 | 1.00 | 19.95 | 19.82 | 20.27 | 38.45 | PASS |
|       |    | 0  | 21.10 | 20.97 | 21.42 | -1.15 | 1.00 | 19.95 | 19.82 | 20.27 | 38.45 | PASS |
|       |    | 0  | 21.10 | 20.97 | 21.42 | -1.15 | 1.00 | 19.95 | 19.82 | 20.27 | 38.45 | PASS |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

## 4. Effective (Isotropic) Radiated Power Output Data

### 4.1 Test Result

| Test Band: 7 5MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|-----------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                  | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                             | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                        | 1             | 0      | 21.67                 | 21.94 | 22.06 | /            | 0.50  | 22.17     | 22.44 | 22.56 | 33.01       | PASS    |
|                             |               | 13     | 21.69                 | 22.02 | 22.11 | /            | 0.50  | 22.19     | 22.52 | 22.61 | 33.01       | PASS    |
|                             |               | 24     | 21.63                 | 21.93 | 22.13 | /            | 0.50  | 22.13     | 22.43 | 22.63 | 33.01       | PASS    |
|                             | 12            | 0      | 20.83                 | 21.02 | 21.06 | /            | 0.50  | 21.33     | 21.52 | 21.56 | 33.01       | PASS    |
|                             |               | 6      | 20.93                 | 21.18 | 21.13 | /            | 0.50  | 21.43     | 21.68 | 21.63 | 33.01       | PASS    |
|                             |               | 13     | 20.84                 | 21.16 | 20.96 | /            | 0.50  | 21.34     | 21.66 | 21.46 | 33.01       | PASS    |
|                             | 25            | 0      | 20.84                 | 21.09 | 21.02 | /            | 0.50  | 21.34     | 21.59 | 21.52 | 33.01       | PASS    |
|                             |               | 0      | 20.53                 | 21.21 | 20.79 | /            | 0.50  | 21.03     | 21.71 | 21.29 | 33.01       | PASS    |
|                             |               | 13     | 20.79                 | 21.54 | 20.81 | /            | 0.50  | 21.29     | 22.04 | 21.31 | 33.01       | PASS    |
| 16QAM                       | 1             | 24     | 20.78                 | 21.47 | 20.63 | /            | 0.50  | 21.28     | 21.97 | 21.13 | 33.01       | PASS    |
|                             |               | 0      | 19.62                 | 19.96 | 19.81 | /            | 0.50  | 20.12     | 20.46 | 20.31 | 33.01       | PASS    |
|                             |               | 6      | 19.83                 | 19.90 | 19.82 | /            | 0.50  | 20.33     | 20.40 | 20.32 | 33.01       | PASS    |
|                             | 12            | 13     | 19.83                 | 19.80 | 19.76 | /            | 0.50  | 20.33     | 20.30 | 20.26 | 33.01       | PASS    |
|                             |               | 0      | 19.84                 | 19.97 | 19.99 | /            | 0.50  | 20.34     | 20.47 | 20.49 | 33.01       | PASS    |
|                             |               | 0      | 19.84                 | 19.97 | 19.99 | /            | 0.50  | 20.34     | 20.47 | 20.49 | 33.01       | PASS    |
|                             | 25            | 0      | 19.84                 | 19.97 | 19.99 | /            | 0.50  | 20.34     | 20.47 | 20.49 | 33.01       | PASS    |
|                             |               | 0      | 19.84                 | 19.97 | 19.99 | /            | 0.50  | 20.34     | 20.47 | 20.49 | 33.01       | PASS    |
|                             |               | 0      | 19.84                 | 19.97 | 19.99 | /            | 0.50  | 20.34     | 20.47 | 20.49 | 33.01       | PASS    |

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

| Test Band: 7 10MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                         | 1             | 0      | 21.95                 | 21.99 | 21.91 | /            | 0.50  | 22.45     | 22.49 | 22.41 | 33.01       | PASS    |
|                              |               | 25     | 22.08                 | 22.35 | 21.91 | /            | 0.50  | 22.58     | 22.85 | 22.41 | 33.01       | PASS    |
|                              |               | 49     | 21.73                 | 21.86 | 21.89 | /            | 0.50  | 22.23     | 22.36 | 22.39 | 33.01       | PASS    |
|                              | 25            | 0      | 20.86                 | 21.07 | 21.17 | /            | 0.50  | 21.36     | 21.57 | 21.67 | 33.01       | PASS    |
|                              |               | 13     | 20.78                 | 21.06 | 21.12 | /            | 0.50  | 21.28     | 21.56 | 21.62 | 33.01       | PASS    |
|                              |               | 25     | 20.85                 | 20.97 | 20.98 | /            | 0.50  | 21.35     | 21.47 | 21.48 | 33.01       | PASS    |
|                              | 50            | 0      | 20.93                 | 21.04 | 21.10 | /            | 0.50  | 21.43     | 21.54 | 21.60 | 33.01       | PASS    |
|                              |               | 0      | 21.22                 | 20.61 | 21.32 | /            | 0.50  | 21.72     | 21.11 | 21.82 | 33.01       | PASS    |
|                              |               | 25     | 21.83                 | 21.69 | 21.75 | /            | 0.50  | 22.33     | 22.19 | 22.25 | 33.01       | PASS    |

|                                                                                       |    |    |       |       |       |   |      |       |       |       |       |      |
|---------------------------------------------------------------------------------------|----|----|-------|-------|-------|---|------|-------|-------|-------|-------|------|
|                                                                                       | 25 | 49 | 21.14 | 20.87 | 21.28 | / | 0.50 | 21.64 | 21.37 | 21.78 | 33.01 | PASS |
|                                                                                       |    | 0  | 20.02 | 20.16 | 20.01 | / | 0.50 | 20.52 | 20.66 | 20.51 | 33.01 | PASS |
|                                                                                       |    | 13 | 20.05 | 20.36 | 20.22 | / | 0.50 | 20.55 | 20.86 | 20.72 | 33.01 | PASS |
|                                                                                       |    | 25 | 19.84 | 20.35 | 20.18 | / | 0.50 | 20.34 | 20.85 | 20.68 | 33.01 | PASS |
|                                                                                       | 50 | 0  | 19.87 | 20.04 | 20.23 | / | 0.50 | 20.37 | 20.54 | 20.73 | 33.01 | PASS |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |    |    |       |       |       |   |      |       |       |       |       |      |

| Test Band: 7 15MHz Bandwidth                                                          |               |        |                       |       |       |              |       |           |       |       |             |         |
|---------------------------------------------------------------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                                                                            | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                                                                       | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                                                                                  | 1             | 0      | 21.60                 | 21.76 | 22.03 | /            | 0.50  | 22.10     | 22.26 | 22.53 | 33.01       | PASS    |
|                                                                                       |               | 38     | 21.88                 | 21.85 | 22.12 | /            | 0.50  | 22.38     | 22.35 | 22.62 | 33.01       | PASS    |
|                                                                                       |               | 74     | 21.54                 | 21.80 | 21.87 | /            | 0.50  | 22.04     | 22.30 | 22.37 | 33.01       | PASS    |
|                                                                                       | 36            | 0      | 20.81                 | 21.00 | 21.12 | /            | 0.50  | 21.31     | 21.50 | 21.62 | 33.01       | PASS    |
|                                                                                       |               | 18     | 20.87                 | 21.10 | 21.09 | /            | 0.50  | 21.37     | 21.60 | 21.59 | 33.01       | PASS    |
|                                                                                       |               | 39     | 20.66                 | 21.04 | 21.01 | /            | 0.50  | 21.16     | 21.54 | 21.51 | 33.01       | PASS    |
| 16QAM                                                                                 | 75            | 0      | 20.72                 | 21.01 | 21.06 | /            | 0.50  | 21.22     | 21.51 | 21.56 | 33.01       | PASS    |
|                                                                                       |               |        | 21.32                 | 20.93 | 21.30 | /            | 0.50  | 21.82     | 21.43 | 21.80 | 33.01       | PASS    |
|                                                                                       |               |        | 21.30                 | 21.17 | 21.30 | /            | 0.50  | 21.80     | 21.67 | 21.80 | 33.01       | PASS    |
|                                                                                       | 1             | 38     | 21.30                 | 21.17 | 21.30 | /            | 0.50  | 21.80     | 21.67 | 21.80 | 33.01       | PASS    |
|                                                                                       |               | 74     | 21.09                 | 21.05 | 21.19 | /            | 0.50  | 21.59     | 21.55 | 21.69 | 33.01       | PASS    |
|                                                                                       |               |        | 21.09                 | 21.05 | 21.19 | /            | 0.50  | 21.59     | 21.55 | 21.69 | 33.01       | PASS    |
|                                                                                       | 36            | 0      | 20.03                 | 20.01 | 20.00 | /            | 0.50  | 20.53     | 20.51 | 20.50 | 33.01       | PASS    |
|                                                                                       |               | 18     | 20.13                 | 20.11 | 19.99 | /            | 0.50  | 20.63     | 20.61 | 20.49 | 33.01       | PASS    |
|                                                                                       |               | 39     | 19.80                 | 20.06 | 19.95 | /            | 0.50  | 20.30     | 20.56 | 20.45 | 33.01       | PASS    |
|                                                                                       | 75            | 0      | 19.78                 | 19.94 | 20.03 | /            | 0.50  | 20.28     | 20.44 | 20.53 | 33.01       | PASS    |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |               |        |                       |       |       |              |       |           |       |       |             |         |

| Test Band: 7 20MHz Bandwidth                                                          |               |        |                       |       |       |              |       |           |       |       |             |         |
|---------------------------------------------------------------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                                                                            | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                                                                       | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                                                                                  | 1             | 0      | 21.63                 | 21.96 | 21.92 | /            | 0.50  | 22.13     | 22.46 | 22.42 | 33.01       | PASS    |
|                                                                                       |               | 50     | 22.13                 | 22.24 | 22.24 | /            | 0.50  | 22.63     | 22.74 | 22.74 | 33.01       | PASS    |
|                                                                                       |               | 99     | 21.79                 | 22.19 | 21.68 | /            | 0.50  | 22.29     | 22.69 | 22.18 | 33.01       | PASS    |
|                                                                                       | 50            | 0      | 20.92                 | 21.05 | 21.13 | /            | 0.50  | 21.42     | 21.55 | 21.63 | 33.01       | PASS    |
|                                                                                       |               | 25     | 20.82                 | 21.13 | 21.12 | /            | 0.50  | 21.32     | 21.63 | 21.62 | 33.01       | PASS    |
|                                                                                       |               | 50     | 20.68                 | 21.06 | 20.95 | /            | 0.50  | 21.18     | 21.56 | 21.45 | 33.01       | PASS    |
| 16QAM                                                                                 | 100           | 0      | 20.76                 | 21.06 | 21.06 | /            | 0.50  | 21.26     | 21.56 | 21.56 | 33.01       | PASS    |
|                                                                                       |               |        | 20.59                 | 21.67 | 21.37 | /            | 0.50  | 21.09     | 22.17 | 21.87 | 33.01       | PASS    |
|                                                                                       |               |        | 20.59                 | 21.67 | 21.37 | /            | 0.50  | 21.09     | 22.17 | 21.87 | 33.01       | PASS    |
|                                                                                       | 1             | 50     | 20.87                 | 22.20 | 21.80 | /            | 0.50  | 21.37     | 22.70 | 22.30 | 33.01       | PASS    |
|                                                                                       |               | 99     | 20.11                 | 22.03 | 20.76 | /            | 0.50  | 20.61     | 22.53 | 21.26 | 33.01       | PASS    |
|                                                                                       |               |        | 20.11                 | 22.03 | 20.76 | /            | 0.50  | 20.61     | 22.53 | 21.26 | 33.01       | PASS    |
|                                                                                       | 50            | 0      | 19.98                 | 19.91 | 20.15 | /            | 0.50  | 20.48     | 20.41 | 20.65 | 33.01       | PASS    |
|                                                                                       |               | 25     | 19.86                 | 20.11 | 20.12 | /            | 0.50  | 20.36     | 20.61 | 20.62 | 33.01       | PASS    |
|                                                                                       |               | 50     | 19.70                 | 20.07 | 20.06 | /            | 0.50  | 20.20     | 20.57 | 20.56 | 33.01       | PASS    |
|                                                                                       | 100           | 0      | 19.79                 | 19.98 | 20.21 | /            | 0.50  | 20.29     | 20.48 | 20.71 | 33.01       | PASS    |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |               |        |                       |       |       |              |       |           |       |       |             |         |

## 5. Effective (Isotropic) Radiated Power Output Data

### 5.1 Test Result

| Test Band: 66 1.4MHz Bandwidth |                                                                                       |        |                       |       |       |              |       |           |       |       |             |         |
|--------------------------------|---------------------------------------------------------------------------------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                     | RB Allocation                                                                         |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                | Size                                                                                  | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                           | 1                                                                                     | 0      | 22.33                 | 22.56 | 22.51 | /            | 0.50  | 22.83     | 23.06 | 23.01 | 30.00       | PASS    |
|                                |                                                                                       | 2      | 22.42                 | 22.80 | 22.53 | /            | 0.50  | 22.92     | 23.30 | 23.03 | 30.00       | PASS    |
|                                |                                                                                       | 5      | 22.21                 | 22.58 | 22.42 | /            | 0.50  | 22.71     | 23.08 | 22.92 | 30.00       | PASS    |
|                                | 3                                                                                     | 0      | 22.55                 | 22.61 | 22.62 | /            | 0.50  | 23.05     | 23.11 | 23.12 | 30.00       | PASS    |
|                                |                                                                                       | 2      | 22.41                 | 22.83 | 22.67 | /            | 0.50  | 22.91     | 23.33 | 23.17 | 30.00       | PASS    |
|                                |                                                                                       | 3      | 22.35                 | 22.68 | 22.35 | /            | 0.50  | 22.85     | 23.18 | 22.85 | 30.00       | PASS    |
|                                | 6                                                                                     | 0      | 21.51                 | 21.65 | 21.31 | /            | 0.50  | 22.01     | 22.15 | 21.81 | 30.00       | PASS    |
|                                | 22.14                                                                                 |        | 21.69                 | 21.43 | /     | 0.50         | 22.64 | 22.19     | 21.93 | 30.00 | PASS        |         |
| 16QAM                          | 1                                                                                     | 2      | 22.04                 | 21.46 | 21.63 | /            | 0.50  | 22.54     | 21.96 | 22.13 | 30.00       | PASS    |
|                                |                                                                                       | 5      | 21.80                 | 21.60 | 21.53 | /            | 0.50  | 22.30     | 22.10 | 22.03 | 30.00       | PASS    |
|                                |                                                                                       | 3      | 0                     | 21.57 | 21.75 | 21.36        | /     | 0.50      | 22.07 | 22.25 | 21.86       | 30.00   |
|                                | 2                                                                                     |        | 21.75                 | 21.88 | 21.33 | /            | 0.50  | 22.25     | 22.38 | 21.83 | 30.00       | PASS    |
|                                | 3                                                                                     |        | 21.36                 | 21.85 | 21.40 | /            | 0.50  | 21.86     | 22.35 | 21.90 | 30.00       | PASS    |
|                                | 6                                                                                     | 0      | 20.53                 | 20.80 | 20.51 | /            | 0.50  | 21.03     | 21.30 | 21.01 | 30.00       | PASS    |
|                                | Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |        |                       |       |       |              |       |           |       |       |             |         |

| Test Band: 66 3MHz Bandwidth                                                          |               |        |                       |       |       |              |       |           |       |       |             |         |
|---------------------------------------------------------------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                                                                            | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                                                                       | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                                                                                  | 1             | 0      | 22.51                 | 22.84 | 22.49 | /            | 0.50  | 23.01     | 23.34 | 22.99 | 30.00       | PASS    |
|                                                                                       |               | 7      | 22.58                 | 22.64 | 22.42 | /            | 0.50  | 23.08     | 23.14 | 22.92 | 30.00       | PASS    |
|                                                                                       |               | 14     | 22.65                 | 22.58 | 22.47 | /            | 0.50  | 23.15     | 23.08 | 22.97 | 30.00       | PASS    |
|                                                                                       | 8             | 0      | 21.43                 | 21.70 | 21.35 | /            | 0.50  | 21.93     | 22.20 | 21.85 | 30.00       | PASS    |
|                                                                                       |               | 4      | 21.31                 | 21.69 | 21.44 | /            | 0.50  | 21.81     | 22.19 | 21.94 | 30.00       | PASS    |
|                                                                                       |               | 7      | 21.30                 | 21.61 | 21.52 | /            | 0.50  | 21.80     | 22.11 | 22.02 | 30.00       | PASS    |
| 16QAM                                                                                 | 15            | 0      | 21.28                 | 21.65 | 21.47 | /            | 0.50  | 21.78     | 22.15 | 21.97 | 30.00       | PASS    |
|                                                                                       | 1             |        | 21.86                 | 21.42 | 21.26 | /            | 0.50  | 22.36     | 21.92 | 21.76 | 30.00       | PASS    |
|                                                                                       |               | 7      | 22.30                 | 21.48 | 21.08 | /            | 0.50  | 22.80     | 21.98 | 21.58 | 30.00       | PASS    |
|                                                                                       |               | 14     | 22.03                 | 21.18 | 21.25 | /            | 0.50  | 22.53     | 21.68 | 21.75 | 30.00       | PASS    |
|                                                                                       | 8             | 0      | 20.73                 | 20.54 | 20.74 | /            | 0.50  | 21.23     | 21.04 | 21.24 | 30.00       | PASS    |
|                                                                                       |               | 4      | 20.64                 | 20.89 | 20.76 | /            | 0.50  | 21.14     | 21.39 | 21.26 | 30.00       | PASS    |
|                                                                                       |               | 7      | 20.62                 | 20.82 | 20.82 | /            | 0.50  | 21.12     | 21.32 | 21.32 | 30.00       | PASS    |
|                                                                                       | 15            | 0      | 20.38                 | 20.61 | 20.52 | /            | 0.50  | 20.88     | 21.11 | 21.02 | 30.00       | PASS    |
|                                                                                       |               |        |                       |       |       |              |       |           |       |       |             |         |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |               |        |                       |       |       |              |       |           |       |       |             |         |

| Test Band: 66 5MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                   | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                              | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                         | 1             | 0      | 22.40                 | 22.76 | 22.36 | /            | 0.50  | 22.90     | 23.26 | 22.86 | 30.00       | PASS    |
|                              |               | 13     | 22.08                 | 22.69 | 22.21 | /            | 0.50  | 22.58     | 23.19 | 22.71 | 30.00       | PASS    |
|                              |               | 24     | 22.03                 | 22.71 | 22.30 | /            | 0.50  | 22.53     | 23.21 | 22.80 | 30.00       | PASS    |
|                              | 12            | 0      | 21.41                 | 21.72 | 21.43 | /            | 0.50  | 21.91     | 22.22 | 21.93 | 30.00       | PASS    |
|                              |               | 6      | 21.28                 | 21.61 | 21.56 | /            | 0.50  | 21.78     | 22.11 | 22.06 | 30.00       | PASS    |
|                              |               | 13     | 21.27                 | 21.67 | 21.46 | /            | 0.50  | 21.77     | 22.17 | 21.96 | 30.00       | PASS    |
| 16QAM                        | 25            | 0      | 21.24                 | 21.76 | 21.46 | /            | 0.50  | 21.74     | 22.26 | 21.96 | 30.00       | PASS    |
|                              | 1             |        | 21.69                 | 21.23 | 20.67 | /            | 0.50  | 22.19     | 21.73 | 21.17 | 30.00       | PASS    |
|                              |               | 13     | 21.48                 | 21.29 | 20.73 | /            | 0.50  | 21.98     | 21.79 | 21.23 | 30.00       | PASS    |
|                              |               | 24     | 21.33                 | 21.74 | 20.71 | /            | 0.50  | 21.83     | 22.24 | 21.21 | 30.00       | PASS    |
|                              | 12            | 0      | 20.38                 | 20.75 | 20.41 | /            | 0.50  | 20.88     | 21.25 | 20.91 | 30.00       | PASS    |
|                              |               | 6      | 20.15                 | 20.65 | 20.59 | /            | 0.50  | 20.65     | 21.15 | 21.09 | 30.00       | PASS    |

|                                                                                       |    |    |       |       |       |   |      |       |       |       |       |      |
|---------------------------------------------------------------------------------------|----|----|-------|-------|-------|---|------|-------|-------|-------|-------|------|
|                                                                                       |    | 13 | 20.27 | 20.81 | 20.61 | / | 0.50 | 20.77 | 21.31 | 21.11 | 30.00 | PASS |
|                                                                                       | 25 | 0  | 20.18 | 20.70 | 20.41 | / | 0.50 | 20.68 | 21.20 | 20.91 | 30.00 | PASS |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |    |    |       |       |       |   |      |       |       |       |       |      |

| Test Band: 66 10MHz Bandwidth |                                                                                       |        |                       |       |       |              |       |           |       |       |             |         |      |
|-------------------------------|---------------------------------------------------------------------------------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|------|
| Modulation                    | RB Allocation                                                                         |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |      |
|                               | Size                                                                                  | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |      |
| QPSK                          | 1                                                                                     | 0      | 22.64                 | 22.72 | 22.36 | /            | 0.50  | 23.14     | 23.22 | 22.86 | 30.00       | PASS    |      |
|                               |                                                                                       | 25     | 22.10                 | 22.66 | 22.45 | /            | 0.50  | 22.60     | 23.16 | 22.95 | 30.00       | PASS    |      |
|                               |                                                                                       | 49     | 22.41                 | 22.45 | 22.36 | /            | 0.50  | 22.91     | 22.95 | 22.86 | 30.00       | PASS    |      |
|                               | 25                                                                                    | 0      | 21.40                 | 21.61 | 21.38 | /            | 0.50  | 21.90     | 22.11 | 21.88 | 30.00       | PASS    |      |
|                               |                                                                                       | 13     | 21.26                 | 21.72 | 21.51 | /            | 0.50  | 21.76     | 22.22 | 22.01 | 30.00       | PASS    |      |
|                               |                                                                                       | 25     | 21.28                 | 21.53 | 21.58 | /            | 0.50  | 21.78     | 22.03 | 22.08 | 30.00       | PASS    |      |
|                               | 50                                                                                    | 0      | 21.23                 | 21.57 | 21.45 | /            | 0.50  | 21.73     | 22.07 | 21.95 | 30.00       | PASS    |      |
|                               | 22.22                                                                                 |        | 21.63                 | 21.66 | /     | 0.50         | 22.72 | 22.13     | 22.16 | 30.00 | PASS        |         |      |
| 16QAM                         | 1                                                                                     | 25     | 21.64                 | 22.03 | 21.99 | /            | 0.50  | 22.14     | 22.53 | 22.49 | 30.00       | PASS    |      |
|                               |                                                                                       | 49     | 21.69                 | 21.51 | 21.75 | /            | 0.50  | 22.19     | 22.01 | 22.25 | 30.00       | PASS    |      |
|                               |                                                                                       | 0      | 20.59                 | 20.76 | 20.40 | /            | 0.50  | 21.09     | 21.26 | 20.90 | 30.00       | PASS    |      |
|                               | 25                                                                                    | 13     | 20.32                 | 20.86 | 20.63 | /            | 0.50  | 20.82     | 21.36 | 21.13 | 30.00       | PASS    |      |
|                               |                                                                                       | 25     | 20.42                 | 20.78 | 20.53 | /            | 0.50  | 20.92     | 21.28 | 21.03 | 30.00       | PASS    |      |
|                               |                                                                                       | 50     | 0                     | 20.48 | 20.87 | 20.44        | /     | 0.50      | 20.98 | 21.37 | 20.94       | 30.00   | PASS |
|                               | Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |        |                       |       |       |              |       |           |       |       |             |         |      |

| Test Band: 66 15MHz Bandwidth                                                         |               |        |                       |       |       |              |       |           |       |       |             |         |
|---------------------------------------------------------------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                                                                            | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                                                                                       | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                                                                                  | 1             | 0      | 22.44                 | 22.44 | 22.26 | /            | 0.50  | 22.94     | 22.94 | 22.76 | 30.00       | PASS    |
|                                                                                       |               | 38     | 22.07                 | 22.50 | 22.39 | /            | 0.50  | 22.57     | 23.00 | 22.89 | 30.00       | PASS    |
|                                                                                       |               | 74     | 22.44                 | 22.35 | 22.35 | /            | 0.50  | 22.94     | 22.85 | 22.85 | 30.00       | PASS    |
|                                                                                       | 36            | 0      | 21.24                 | 21.64 | 21.32 | /            | 0.50  | 21.74     | 22.14 | 21.82 | 30.00       | PASS    |
|                                                                                       |               | 18     | 21.23                 | 21.70 | 21.39 | /            | 0.50  | 21.73     | 22.20 | 21.89 | 30.00       | PASS    |
|                                                                                       |               | 39     | 21.28                 | 21.49 | 21.35 | /            | 0.50  | 21.78     | 21.99 | 21.85 | 30.00       | PASS    |
|                                                                                       | 75            | 0      | 21.23                 | 21.60 | 21.36 | /            | 0.50  | 21.73     | 22.10 | 21.86 | 30.00       | PASS    |
| 16QAM                                                                                 | 1             |        | 22.24                 | 21.72 | 21.58 | /            | 0.50  | 22.74     | 22.22 | 22.08 | 30.00       | PASS    |
|                                                                                       |               | 38     | 21.74                 | 21.82 | 21.73 | /            | 0.50  | 22.24     | 22.32 | 22.23 | 30.00       | PASS    |
|                                                                                       |               | 74     | 21.88                 | 20.99 | 21.75 | /            | 0.50  | 22.38     | 21.49 | 22.25 | 30.00       | PASS    |
|                                                                                       | 36            | 0      | 20.25                 | 20.58 | 20.33 | /            | 0.50  | 20.75     | 21.08 | 20.83 | 30.00       | PASS    |
|                                                                                       |               | 18     | 20.20                 | 20.58 | 20.40 | /            | 0.50  | 20.70     | 21.08 | 20.90 | 30.00       | PASS    |
|                                                                                       |               | 39     | 20.34                 | 20.46 | 20.46 | /            | 0.50  | 20.84     | 20.96 | 20.96 | 30.00       | PASS    |
|                                                                                       | 75            | 0      | 20.33                 | 20.57 | 20.31 | /            | 0.50  | 20.83     | 21.07 | 20.81 | 30.00       | PASS    |
| Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |               |        |                       |       |       |              |       |           |       |       |             |         |

| Test Band: 66 20MHz Bandwidth |               |        |                       |       |       |              |       |           |       |       |             |         |
|-------------------------------|---------------|--------|-----------------------|-------|-------|--------------|-------|-----------|-------|-------|-------------|---------|
| Modulation                    | RB Allocation |        | Conducted Power (dBm) |       |       | Antenna gain |       | EIRP(dBm) |       |       | Limit (dBm) | Verdict |
|                               | Size          | Offset | LCH                   | MCH   | HCH   | (dBd)        | (dBi) | LCH       | MCH   | HCH   |             |         |
| QPSK                          | 1             | 0      | 22.52                 | 22.37 | 22.10 | /            | 0.50  | 23.02     | 22.87 | 22.60 | 30.00       | PASS    |
|                               |               | 50     | 22.56                 | 22.82 | 22.12 | /            | 0.50  | 23.06     | 23.32 | 22.62 | 30.00       | PASS    |
|                               |               | 99     | 22.58                 | 22.26 | 22.36 | /            | 0.50  | 23.08     | 22.76 | 22.86 | 30.00       | PASS    |
|                               | 50            | 0      | 21.16                 | 21.67 | 21.27 | /            | 0.50  | 21.66     | 22.17 | 21.77 | 30.00       | PASS    |
|                               |               | 25     | 21.31                 | 21.59 | 21.34 | /            | 0.50  | 21.81     | 22.09 | 21.84 | 30.00       | PASS    |

|       |                                                                                       |    |       |       |       |   |      |       |       |       |       |      |
|-------|---------------------------------------------------------------------------------------|----|-------|-------|-------|---|------|-------|-------|-------|-------|------|
|       |                                                                                       | 50 | 21.30 | 21.51 | 21.38 | / | 0.50 | 21.80 | 22.01 | 21.88 | 30.00 | PASS |
|       | 100                                                                                   | 0  | 21.27 | 21.62 | 21.31 | / | 0.50 | 21.77 | 22.12 | 21.81 | 30.00 | PASS |
| 16QAM | 1                                                                                     |    | 21.24 | 22.34 | 21.79 | / | 0.50 | 21.74 | 22.84 | 22.29 | 30.00 | PASS |
|       |                                                                                       | 50 | 21.15 | 22.91 | 22.00 | / | 0.50 | 21.65 | 23.41 | 22.50 | 30.00 | PASS |
|       |                                                                                       | 99 | 21.18 | 22.30 | 21.97 | / | 0.50 | 21.68 | 22.80 | 22.47 | 30.00 | PASS |
|       | 50                                                                                    | 0  | 20.13 | 20.55 | 20.21 | / | 0.50 | 20.63 | 21.05 | 20.71 | 30.00 | PASS |
|       |                                                                                       | 25 | 20.26 | 20.57 | 20.41 | / | 0.50 | 20.76 | 21.07 | 20.91 | 30.00 | PASS |
|       |                                                                                       | 50 | 20.22 | 20.53 | 20.52 | / | 0.50 | 20.72 | 21.03 | 21.02 | 30.00 | PASS |
|       | 100                                                                                   | 0  | 20.23 | 20.59 | 20.36 | / | 0.50 | 20.73 | 21.09 | 20.86 | 30.00 | PASS |
|       | Note:<br>1) dBd = dBi - 2.15<br>2) EIRP = Conducted output power + Antenna gain (dBi) |    |       |       |       |   |      |       |       |       |       |      |