

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 1.0984                   | 1.328                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 1.0922                   | 1.282                | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.0934                   | 1.303                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.0982                   | 1.314                | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 1.1038                   | 1.321                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 1.1042                   | 1.322                | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 2.7080                   | 2.947                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 2.6994                   | 2.975                | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.7016                   | 2.969                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.6974                   | 2.972                | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 2.7026                   | 2.980                | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 2.6974                   | 2.989                | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.5228                   | 5.003                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 4.5003                   | 4.995                | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.4955                   | 5.033                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.5214                   | 5.034                | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 4.5038                   | 5.042                | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.5262                   | 5.035                | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 8.9643                   | 10.70                | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 8.9599                   | 9.882                | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 8.9261                   | 9.913                | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 13.417                   | 14.73                | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.413                   | 14.66                | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 13.379                   | 14.63                | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 17.855                   | 19.37                | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 17.859                   | 19.52                | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | 17.961                   | 19.46                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0963                   | 1.304                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.1008                   | 1.300                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.1026                   | 1.275                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0955                   | 1.297                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0949                   | 1.304                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0992                   | 1.293                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6938                   | 2.972                | PASS    |

|        |        |       |       |         |        |       |      |
|--------|--------|-------|-------|---------|--------|-------|------|
| Band4  | 3MHz   | 16QAM | 19965 | 15RB#0  | 2.6990 | 2.987 | PASS |
| Band4  | 3MHz   | QPSK  | 20175 | 15RB#0  | 2.7025 | 2.964 | PASS |
| Band4  | 3MHz   | 16QAM | 20175 | 15RB#0  | 2.6918 | 2.970 | PASS |
| Band4  | 3MHz   | QPSK  | 20385 | 15RB#0  | 2.7010 | 2.953 | PASS |
| Band4  | 3MHz   | 16QAM | 20385 | 15RB#0  | 2.6961 | 2.954 | PASS |
| Band4  | 5MHz   | QPSK  | 19975 | 25RB#0  | 4.5205 | 5.013 | PASS |
| Band4  | 5MHz   | 16QAM | 19975 | 25RB#0  | 4.5014 | 5.000 | PASS |
| Band4  | 5MHz   | QPSK  | 20175 | 25RB#0  | 4.4951 | 4.999 | PASS |
| Band4  | 5MHz   | 16QAM | 20175 | 25RB#0  | 4.5199 | 5.039 | PASS |
| Band4  | 5MHz   | QPSK  | 20375 | 25RB#0  | 4.5184 | 5.013 | PASS |
| Band4  | 5MHz   | 16QAM | 20375 | 25RB#0  | 4.5037 | 5.000 | PASS |
| Band4  | 10MHz  | QPSK  | 20000 | 50RB#0  | 8.9830 | 9.917 | PASS |
| Band4  | 10MHz  | QPSK  | 20175 | 50RB#0  | 8.9693 | 9.879 | PASS |
| Band4  | 10MHz  | QPSK  | 20350 | 50RB#0  | 8.9854 | 9.995 | PASS |
| Band4  | 15MHz  | QPSK  | 20025 | 75RB#0  | 13.494 | 14.80 | PASS |
| Band4  | 15MHz  | QPSK  | 20175 | 75RB#0  | 13.402 | 14.75 | PASS |
| Band4  | 15MHz  | QPSK  | 20325 | 75RB#0  | 13.476 | 14.81 | PASS |
| Band4  | 20MHz  | QPSK  | 20050 | 100RB#0 | 17.959 | 19.40 | PASS |
| Band4  | 20MHz  | QPSK  | 20175 | 100RB#0 | 17.842 | 19.59 | PASS |
| Band4  | 20MHz  | QPSK  | 20300 | 100RB#0 | 17.907 | 19.47 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 1.0959 | 1.305 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | 1.0919 | 1.280 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 1.0967 | 1.298 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0   | 1.0979 | 1.297 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | 1.0992 | 1.288 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0   | 1.0969 | 1.298 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0  | 2.7022 | 2.951 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0  | 2.6899 | 3.005 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0  | 2.7008 | 2.967 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0  | 2.6950 | 2.970 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0  | 2.6944 | 2.966 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0  | 2.6971 | 2.979 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 25RB#0  | 4.5173 | 5.008 | PASS |
| Band12 | 5MHz   | 16QAM | 23035 | 25RB#0  | 4.5007 | 5.004 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 25RB#0  | 4.4937 | 4.985 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 25RB#0  | 4.5161 | 5.039 | PASS |
| Band12 | 5MHz   | QPSK  | 23155 | 25RB#0  | 4.5064 | 5.029 | PASS |
| Band12 | 5MHz   | 16QAM | 23155 | 25RB#0  | 4.5204 | 5.027 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 50RB#0  | 8.9883 | 9.961 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 50RB#0  | 8.9661 | 9.876 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 50RB#0  | 8.9407 | 9.910 | PASS |
| Band13 | 5MHz   | QPSK  | 23205 | 25RB#0  | 4.4930 | 4.975 | PASS |
| Band13 | 5MHz   | 16QAM | 23205 | 25RB#0  | 4.5039 | 5.026 | PASS |

|        |       |       |       |        |        |       |      |
|--------|-------|-------|-------|--------|--------|-------|------|
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 4.5072 | 5.032 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 4.5200 | 5.025 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 4.5237 | 5.037 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 4.5022 | 5.016 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 8.9957 | 9.987 | PASS |

## Test Graphs



























