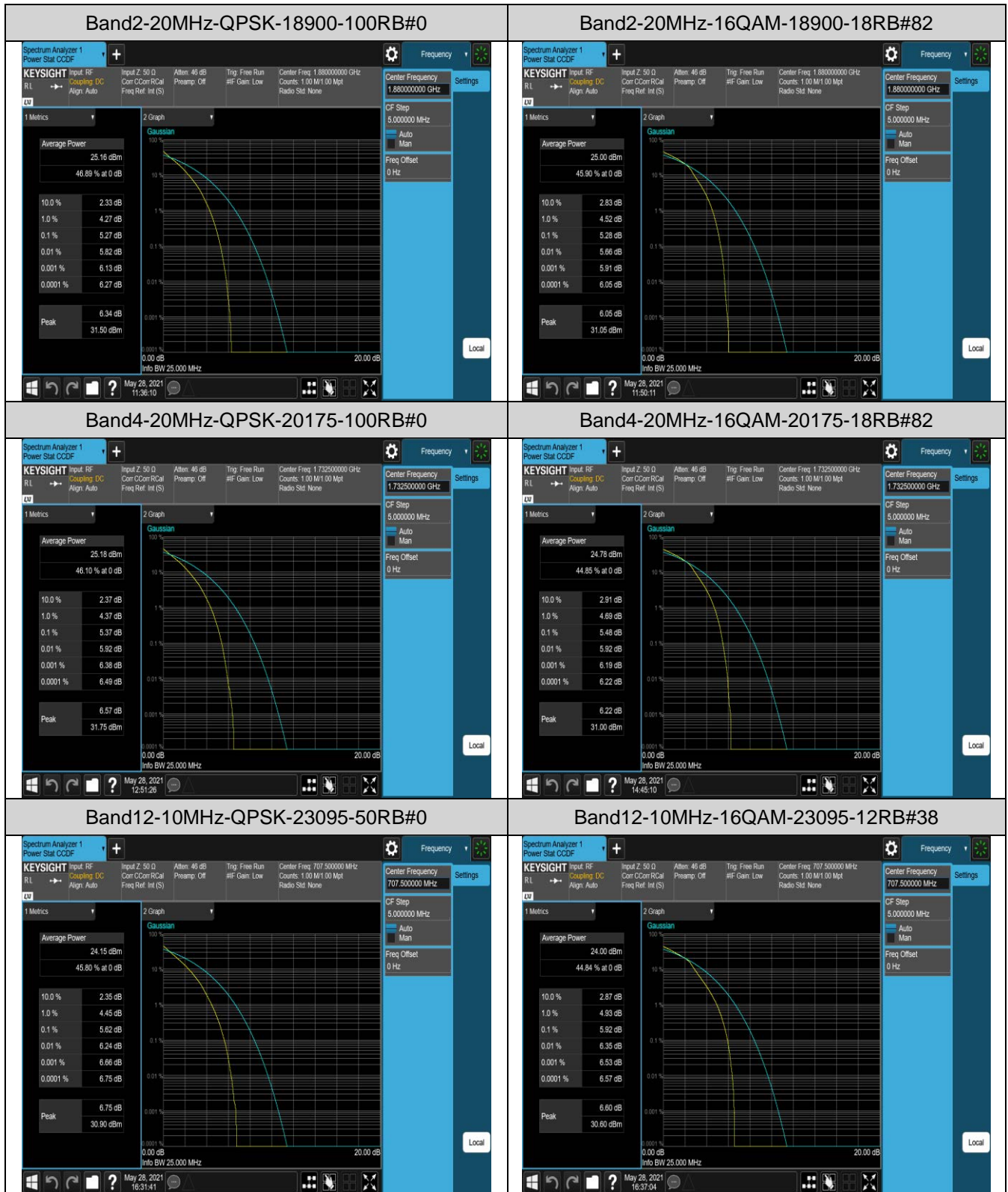


## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result (Worst case)

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2  | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.27       | 13        | PASS    |
| Band2  | 20MHz     | 16QAM      | 18900   | 18RB#82          | 5.28       | 13        | PASS    |
| Band4  | 20MHz     | QPSK       | 20175   | 100RB#0          | 5.37       | 13        | PASS    |
| Band4  | 20MHz     | 16QAM      | 20175   | 18RB#82          | 5.48       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 5.62       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 12RB#38          | 5.92       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 5.50       | 13        | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 12RB#38          | 5.72       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0           | 5.54       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 12RB#38          | 5.82       | 13        | PASS    |

### Test Graphs





## 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            | 1.0912                   | 1.309                | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.0943                   | 1.283                | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 1.0978                   | 1.307                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 1.0988                   | 1.301                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.0960                   | 1.291                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 1.0884                   | 1.275                | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 2.6892                   | 2.904                | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.6892                   | 2.899                | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 2.6950                   | 2.904                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 2.6793                   | 2.901                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.6833                   | 2.902                | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 2.6884                   | 2.923                | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.4968                   | 4.946                | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.4910                   | 4.915                | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 4.5038                   | 4.950                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 4.4937                   | 4.912                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.4937                   | 4.949                | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.5129                   | 4.958                | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 8.9781                   | 9.816                | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 8.9992                   | 10.77                | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 8.9799                   | 9.762                | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 12RB#38          | 2.1867                   | 2.718                | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 12RB#38          | 2.1890                   | 2.671                | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 12RB#38          | 2.1897                   | 2.681                | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 13.482                   | 14.66                | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.488                   | 15.41                | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 13.444                   | 14.56                | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 16RB#59          | 2.9060                   | 3.304                | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 16RB#59          | 2.9074                   | 3.444                | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 16RB#59          | 2.9016                   | 3.378                | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 17.934                   | 19.33                | PASS    |

|       |        |       |       |         |        |       |      |
|-------|--------|-------|-------|---------|--------|-------|------|
| Band2 | 20MHz  | QPSK  | 18900 | 100RB#0 | 17.977 | 19.60 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 100RB#0 | 17.932 | 19.32 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 18RB#82 | 3.2854 | 3.680 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 18RB#82 | 3.2876 | 3.807 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 18RB#82 | 3.2948 | 3.760 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | 1.0929 | 1.290 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0   | 1.0932 | 1.287 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0   | 1.0936 | 1.289 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0   | 1.0957 | 1.304 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0   | 1.0969 | 1.300 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0   | 1.0950 | 1.286 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0  | 2.6874 | 2.897 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0  | 2.6886 | 2.899 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0  | 2.6876 | 2.903 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0  | 2.6770 | 2.895 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0  | 2.6837 | 2.910 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 15RB#0  | 2.6798 | 2.906 | PASS |
| Band4 | 5MHz   | QPSK  | 19975 | 25RB#0  | 4.4975 | 4.945 | PASS |
| Band4 | 5MHz   | QPSK  | 20175 | 25RB#0  | 4.4977 | 4.940 | PASS |
| Band4 | 5MHz   | QPSK  | 20375 | 25RB#0  | 4.4884 | 4.914 | PASS |
| Band4 | 5MHz   | 16QAM | 19975 | 25RB#0  | 4.4909 | 4.905 | PASS |
| Band4 | 5MHz   | 16QAM | 20175 | 25RB#0  | 4.4871 | 4.912 | PASS |
| Band4 | 5MHz   | 16QAM | 20375 | 25RB#0  | 4.4934 | 4.938 | PASS |
| Band4 | 10MHz  | QPSK  | 20000 | 50RB#0  | 8.9850 | 9.794 | PASS |
| Band4 | 10MHz  | QPSK  | 20175 | 50RB#0  | 8.9859 | 9.825 | PASS |
| Band4 | 10MHz  | QPSK  | 20350 | 50RB#0  | 8.9781 | 9.800 | PASS |
| Band4 | 10MHz  | 16QAM | 20000 | 12RB#38 | 2.1929 | 2.760 | PASS |
| Band4 | 10MHz  | 16QAM | 20175 | 12RB#38 | 2.1784 | 2.642 | PASS |
| Band4 | 10MHz  | 16QAM | 20350 | 12RB#38 | 2.1873 | 2.747 | PASS |
| Band4 | 15MHz  | QPSK  | 20025 | 75RB#0  | 13.494 | 14.67 | PASS |
| Band4 | 15MHz  | QPSK  | 20175 | 75RB#0  | 13.496 | 14.71 | PASS |
| Band4 | 15MHz  | QPSK  | 20325 | 75RB#0  | 13.479 | 14.69 | PASS |
| Band4 | 15MHz  | 16QAM | 20025 | 16RB#59 | 2.9011 | 3.338 | PASS |
| Band4 | 15MHz  | 16QAM | 20175 | 16RB#59 | 2.9090 | 3.394 | PASS |
| Band4 | 15MHz  | 16QAM | 20325 | 16RB#59 | 2.9030 | 3.342 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | 17.992 | 19.33 | PASS |



|        |        |       |       |         |        |       |      |
|--------|--------|-------|-------|---------|--------|-------|------|
| Band4  | 20MHz  | QPSK  | 20175 | 100RB#0 | 17.970 | 19.40 | PASS |
| Band4  | 20MHz  | QPSK  | 20300 | 100RB#0 | 17.978 | 19.48 | PASS |
| Band4  | 20MHz  | 16QAM | 20050 | 18RB#82 | 3.2901 | 3.693 | PASS |
| Band4  | 20MHz  | 16QAM | 20175 | 18RB#82 | 3.2850 | 3.800 | PASS |
| Band4  | 20MHz  | 16QAM | 20300 | 18RB#82 | 3.2797 | 3.948 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 1.0902 | 1.295 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 1.0953 | 1.283 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | 1.0970 | 1.300 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | 1.0964 | 1.301 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0   | 1.0955 | 1.294 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0   | 1.0875 | 1.273 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0  | 2.6867 | 2.890 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0  | 2.6836 | 2.899 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0  | 2.6915 | 2.901 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0  | 2.6796 | 2.904 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0  | 2.6831 | 2.898 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0  | 2.6831 | 2.892 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 25RB#0  | 4.5168 | 5.159 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 25RB#0  | 4.5141 | 5.181 | PASS |
| Band12 | 5MHz   | QPSK  | 23155 | 25RB#0  | 4.5185 | 5.150 | PASS |
| Band12 | 5MHz   | 16QAM | 23035 | 25RB#0  | 4.5153 | 5.103 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 25RB#0  | 4.5325 | 5.196 | PASS |
| Band12 | 5MHz   | 16QAM | 23155 | 25RB#0  | 4.5313 | 5.146 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 50RB#0  | 9.0065 | 10.11 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 50RB#0  | 9.0172 | 10.08 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 50RB#0  | 8.9662 | 10.06 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 12RB#38 | 2.1820 | 2.686 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 12RB#38 | 2.1945 | 2.761 | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 12RB#38 | 2.1874 | 2.747 | PASS |
| Band13 | 5MHz   | QPSK  | 23205 | 25RB#0  | 4.5277 | 5.211 | PASS |
| Band13 | 5MHz   | QPSK  | 23230 | 25RB#0  | 4.5135 | 5.167 | PASS |
| Band13 | 5MHz   | QPSK  | 23255 | 25RB#0  | 4.5093 | 5.140 | PASS |
| Band13 | 5MHz   | 16QAM | 23205 | 25RB#0  | 4.5249 | 5.106 | PASS |
| Band13 | 5MHz   | 16QAM | 23230 | 25RB#0  | 4.5348 | 5.213 | PASS |
| Band13 | 5MHz   | 16QAM | 23255 | 25RB#0  | 4.5290 | 5.210 | PASS |
| Band13 | 10MHz  | QPSK  | 23230 | 50RB#0  | 9.0297 | 10.12 | PASS |

|        |       |       |       |         |        |       |      |
|--------|-------|-------|-------|---------|--------|-------|------|
| Band13 | 10MHz | 16QAM | 23230 | 12RB#38 | 2.1926 | 2.843 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 25RB#0  | 4.5229 | 5.207 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 25RB#0  | 4.5099 | 5.162 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0  | 4.5162 | 5.149 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 25RB#0  | 4.5216 | 5.122 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 25RB#0  | 4.5243 | 5.177 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 4.5325 | 5.156 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 9.0211 | 10.13 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 9.0085 | 10.11 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 8.9749 | 10.01 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 12RB#38 | 2.1904 | 2.636 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 12RB#38 | 2.1954 | 2.747 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 12RB#38 | 2.1870 | 2.819 | PASS |

### Test Graphs

