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# Appendix B

E-UTRA Band 2



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#### 1 Effective (Isotropic) Radiated Power

#### 1.1. Test Result

|       |           |            |         |                  | Conducted  | EIRP  | Limit |         |
|-------|-----------|------------|---------|------------------|------------|-------|-------|---------|
| Band  | Bandwidth | Modulation | Channel | RB Configuration |            |       |       | Verdict |
| - In  | 4 4 5 4 1 | 0.0017     |         | 155#2            | Power(dBm) | (dBm) | (dBm) |         |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 22.59      | 23.09 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 22.74      | 23.24 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 22.60      | 23.10 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 22.75      | 23.25 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 22.70      | 23.20 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 22.69      | 23.19 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 21.69      | 22.19 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 22.54      | 23.04 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 22.52      | 23.02 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 22.67      | 23.17 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 22.65      | 23.15 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 22.69      | 23.19 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 22.67      | 23.17 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 21.64      | 22.14 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 22.61      | 23.11 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 22.48      | 22.98 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 22.50      | 23.00 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 22.58      | 23.08 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 22.58      | 23.08 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 22.63      | 23.13 | 33.00 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 21.58      | 22.08 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 22.06      | 22.56 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 21.82      | 22.32 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 21.79      | 22.29 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 21.75      | 22.25 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 21.76      | 22.26 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 21.75      | 22.25 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 20.74      | 21.24 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 21.68      | 22.18 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 21.80      | 22.30 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 21.99      | 22.49 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#3            | 21.68      | 22.18 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#1            | 21.78      | 22.28 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 21.68      | 22.18 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 20.67      | 21.17 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#2            | 21.77      | 22.27 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5            | 21.64      | 22.14 | 33.00 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 21.71      | 22.21 | 33.00 | PASS    |



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| Danda | 1.4MHz | 160AM          | 10102          | 2DD#2          | 24.60          | 22.40 | 22.00          | PASS         |
|-------|--------|----------------|----------------|----------------|----------------|-------|----------------|--------------|
| Band2 | 1.4MHz | 16QAM          | 19193          | 3RB#3<br>3RB#1 | 21.60<br>21.69 | 22.10 | 33.00          |              |
| Band2 | 1.4MHz | 16QAM<br>16QAM | 19193<br>19193 | 3RB#0          | 21.69          | 22.19 | 33.00<br>33.00 | PASS<br>PASS |
| Band2 | 1.4MHz | 16QAM          |                | 6RB#0          | 20.65          | -     | 33.00          | PASS         |
| Band2 |        |                | 19193          |                |                | 21.15 |                |              |
| Band2 | 3MHz   | QPSK           | 18615          | 1RB#14         | 22.61          | 23.11 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18615          | 1RB#0          | 22.64          | 23.14 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18615          | 1RB#8          | 22.66          | 23.16 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18615          | 8RB#7          | 21.67          | 22.17 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18615          | 8RB#4          | 21.68          | 22.18 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18615          | 8RB#0          | 21.66          | 22.16 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18615          | 15RB#0         | 21.64          | 22.14 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 1RB#14         | 22.60          | 23.10 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 1RB#8          | 22.58          | 23.08 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 1RB#0          | 22.59          | 23.09 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 8RB#7          | 21.61          | 22.11 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 8RB#0          | 21.61          | 22.11 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 8RB#4          | 21.64          | 22.14 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 18900          | 15RB#0         | 21.61          | 22.11 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 1RB#14         | 22.52          | 23.02 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 1RB#8          | 22.54          | 23.04 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 1RB#0          | 22.53          | 23.03 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 8RB#4          | 21.59          | 22.09 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 8RB#0          | 21.56          | 22.06 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 8RB#7          | 21.53          | 22.03 | 33.00          | PASS         |
| Band2 | 3MHz   | QPSK           | 19185          | 15RB#0         | 21.54          | 22.04 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 1RB#8          | 21.86          | 22.36 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 1RB#14         | 21.85          | 22.35 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 1RB#0          | 21.86          | 22.36 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 8RB#0          | 20.69          | 21.19 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 8RB#7          | 20.70          | 21.20 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 8RB#4          | 20.69          | 21.19 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18615          | 15RB#0         | 20.63          | 21.13 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 1RB#8          | 21.79          | 22.29 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 1RB#14         | 21.75          | 22.25 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 1RB#0          | 21.89          | 22.39 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 8RB#4          | 20.68          | 21.18 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 8RB#0          | 20.66          | 21.16 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 8RB#7          | 20.63          | 21.13 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 18900          | 15RB#0         | 20.58          | 21.08 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 1RB#14         | 21.74          | 22.24 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 1RB#0          | 21.79          | 22.29 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 1RB#8          | 21.68          | 22.18 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 8RB#0          | 20.59          | 21.09 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 8RB#7          | 20.56          | 21.06 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 8RB#4          | 20.62          | 21.12 | 33.00          | PASS         |
| Band2 | 3MHz   | 16QAM          | 19185          | 15RB#0         | 20.51          | 21.01 | 33.00          | PASS         |
|       |        | 1              |                |                |                |       | 1              |              |



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| Band2   | D. 10 | <b>CN41.1</b> | 0.001/ | 40005 | 400//04 | 00.40 | 00.00 | 00.00 | D4 00 |
|---|-------|---------------|--------|-------|---------|-------|-------|-------|-------|
| Band2   | Band2 | 5MHz          | QPSK   | 18625 | 1RB#24  | 22.49 | 22.99 | 33.00 | PASS  |
| Band2   | -     |               |        |       |         |       |       |       |       |
| Band2         SMHz         QPSK         18625         12RB#10         21.65         22.15         33.00         PASS           Band2         SMHz         QPSK         18625         12RB#13         21.68         22.18         33.00         PASS           Band2         SMHz         QPSK         18605         25RB#0         21.68         22.19         33.00         PASS           Band2         SMHz         QPSK         18900         1RB#24         22.45         22.95         33.00         PASS           Band2         SMHz         QPSK         18900         1RB#0         22.48         22.98         33.00         PASS           Band2         SMHz         QPSK         18900         12RB#6         21.67         22.17         33.00         PASS           Band2         SMHz         QPSK         18900         12RB#0         21.61         22.11         33.00         PASS           Band2         SMHz         QPSK         18900         12RB#0         21.63         22.13         33.00         PASS           Band2         SMHz         QPSK         19900         25RB#0         21.63         22.13         33.00         PASS           Band2<   | -     |               |        |       |         |       |       |       |       |
| Band2   | -     |               |        |       |         |       | _     |       |       |
| Band2         5MHz         QPSK         18625         25RB#0         21.69         22.19         33.00         PASS           Band2         5MHz         QPSK         18900         1RB#24         22.45         22.95         33.00         PASS           Band2         5MHz         QPSK         18900         1RB#0         22.48         22.98         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#6         21.67         22.17         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#13         21.62         22.12         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2 </td <td>+</td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td></td> <td></td> <td></td>  | +     |               |        |       |         | +     |       |       |       |
| Band2         5MHz         QPSK         18900         1RB#24         22.45         22.95         33.00         PASS           Band2         5MHz         QPSK         18900         1RB#0         22.48         22.98         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#6         21.67         22.17         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#0         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.40         22.93         33.00         PASS           Band2   | 1     |               |        |       |         |       |       |       |       |
| Band2         5MHz         QPSK         18900         1RB#0         22.48         22.98         33.00         PASS           Band2         5MHz         QPSK         18900         1RB#12         22.77         23.27         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#6         21.67         22.17         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#0         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#24         22.40         22.90         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2 <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td></td> <td></td> <td></td>  |       |               |        |       |         | +     |       |       |       |
| Band2         5MHz         QPSK         18900         1RB#12         22.77         23.27         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#6         21.67         22.17         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#0         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2 </td <td>+</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   | +     |               |        |       |         |       |       |       |       |
| Band2         5MHz         QPSK         18900         12RB#6         21.67         22.17         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#0         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.62         22.12         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#24         22.40         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.61         22.11         33.00         PASS           Band2 <td>+</td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td>1</td> <td></td> <td></td>   | +     |               |        |       |         | +     | 1     |       |       |
| Band2         5MHz         QPSK         18900         12RB#0         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         18900         12RB#13         21.62         22.12         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#24         22.40         22.90         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.00         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.56         22.06         33.00         PASS           Band2 </td <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   | 1     |               |        |       |         |       |       |       |       |
| Band2         5MHz         QPSK         18900         12RB#13         21.62         22.12         33.00         PASS           Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.24         33.00         PASS           Band   | -     |               |        |       |         |       |       |       |       |
| Band2         5MHz         QPSK         18900         25RB#0         21.63         22.13         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#24         22.40         22.90         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16OAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16OAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  |       |               |        |       |         |       |       |       |       |
| Band2         5MHz         QPSK         19175         1RB#0         22.41         22.91         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#24         22.40         22.90         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#24         21.75         22.25         33.00         PASS           Band2<   | Band2 |               |        | 18900 | 12RB#13 | 21.62 |       | 33.00 | PASS  |
| Band2         5MHz         QPSK         19175         1RB#12         22.71         23.21         33.00         PASS           Band2         5MHz         QPSK         19175         1RB#24         22.40         22.90         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#66         21.61         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#13         20.99         21.25         33.00         PASS           Ba   | Band2 | 5MHz          |        |       |         | 21.63 | 22.13 | 33.00 | PASS  |
| Band2         5MHz         QPSK         19175         1RB#24         22.40         22.90         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         21.75         22.25         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Ban   | Band2 | 5MHz          |        |       | 1RB#0   |       |       |       | PASS  |
| Band2         5MHz         QPSK         19175         12RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.04         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#13         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           B   | -     |               | ·      |       |         |       |       |       | PASS  |
| Band2         5MHz         QPSK         19175         12RB#6         21.61         22.11         33.00         PASS           Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#13         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS  | Band2 | 5MHz          |        | 19175 | 1RB#24  | 22.40 | _     | 33.00 | PASS  |
| Band2         5MHz         QPSK         19175         12RB#13         21.51         22.01         33.00         PASS           Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#24         21.75         22.25         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#3         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS  | Band2 | 5MHz          | QPSK   | 19175 | 12RB#0  | 21.56 | 22.06 | 33.00 | PASS  |
| Band2         5MHz         QPSK         19175         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#24         21.75         22.25         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#13         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS  | Band2 | 5MHz          | QPSK   | 19175 | 12RB#6  | 21.61 | 22.11 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#24         21.75         22.25         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#3         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#24         21.64         22.14         33.00         PASS  | Band2 | 5MHz          | QPSK   | 19175 | 12RB#13 | 21.51 | 22.01 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         1RB#12         22.14         22.64         33.00         PASS           Band2         5MHz         16QAM         18625         1RB#24         21.75         22.25         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#13         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS <t< td=""><td>Band2</td><td>5MHz</td><td>QPSK</td><td>19175</td><td>25RB#0</td><td>21.56</td><td>22.06</td><td>33.00</td><td>PASS</td></t<>    | Band2 | 5MHz          | QPSK   | 19175 | 25RB#0  | 21.56 | 22.06 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         1RB#24         21.75         22.25         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#13         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           <   | Band2 | 5MHz          | 16QAM  | 18625 | 1RB#0   | 21.74 | 22.24 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         12RB#13         20.99         21.49         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           <   | Band2 | 5MHz          | 16QAM  | 18625 | 1RB#12  | 22.14 | 22.64 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         12RB#0         20.62         21.12         33.00         PASS           Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#24         21.64         22.14         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.68         21.18         33.00         PASS <t< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18625</td><td>1RB#24</td><td>21.75</td><td>22.25</td><td>33.00</td><td>PASS</td></t<>   | Band2 | 5MHz          | 16QAM  | 18625 | 1RB#24  | 21.75 | 22.25 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         12RB#6         20.73         21.23         33.00         PASS           Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#24         21.64         22.14         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS <t< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18625</td><td>12RB#13</td><td>20.99</td><td>21.49</td><td>33.00</td><td>PASS</td></t<>  | Band2 | 5MHz          | 16QAM  | 18625 | 12RB#13 | 20.99 | 21.49 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18625         25RB#0         21.56         22.06         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS <td< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18625</td><td>12RB#0</td><td>20.62</td><td>21.12</td><td>33.00</td><td>PASS</td></td<>  | Band2 | 5MHz          | 16QAM  | 18625 | 12RB#0  | 20.62 | 21.12 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         1RB#0         21.74         22.24         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#24         21.64         22.14         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS <td< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18625</td><td>12RB#6</td><td>20.73</td><td>21.23</td><td>33.00</td><td>PASS</td></td<>  | Band2 | 5MHz          | 16QAM  | 18625 | 12RB#6  | 20.73 | 21.23 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         1RB#12         21.90         22.40         33.00         PASS           Band2         5MHz         16QAM         18900         1RB#24         21.64         22.14         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS <td< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18625</td><td>25RB#0</td><td>21.56</td><td>22.06</td><td>33.00</td><td>PASS</td></td<>  | Band2 | 5MHz          | 16QAM  | 18625 | 25RB#0  | 21.56 | 22.06 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         1RB#24         21.64         22.14         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS <t< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18900</td><td>1RB#0</td><td>21.74</td><td>22.24</td><td>33.00</td><td>PASS</td></t<>    | Band2 | 5MHz          | 16QAM  | 18900 | 1RB#0   | 21.74 | 22.24 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         12RB#0         20.66         21.16         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.01         33.00         PASS           <   | Band2 | 5MHz          | 16QAM  | 18900 | 1RB#12  | 21.90 | 22.40 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         12RB#13         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           <   | Band2 | 5MHz          | 16QAM  | 18900 | 1RB#24  | 21.64 | 22.14 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         12RB#6         20.68         21.18         33.00         PASS           Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS <t< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18900</td><td>12RB#0</td><td>20.66</td><td>21.16</td><td>33.00</td><td>PASS</td></t<>   | Band2 | 5MHz          | 16QAM  | 18900 | 12RB#0  | 20.66 | 21.16 | 33.00 | PASS  |
| Band2         5MHz         16QAM         18900         25RB#0         20.64         21.14         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS <td< td=""><td>Band2</td><td>5MHz</td><td>16QAM</td><td>18900</td><td>12RB#13</td><td>20.61</td><td>21.11</td><td>33.00</td><td>PASS</td></td<> | Band2 | 5MHz          | 16QAM  | 18900 | 12RB#13 | 20.61 | 21.11 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         1RB#0         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS   | Band2 | 5MHz          | 16QAM  | 18900 | 12RB#6  | 20.68 | 21.18 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         1RB#24         21.66         22.16         33.00         PASS           Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS   | Band2 | 5MHz          | 16QAM  | 18900 | 25RB#0  | 20.64 | 21.14 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         1RB#12         21.84         22.34         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS  | Band2 | 5MHz          | 16QAM  | 19175 | 1RB#0   | 21.66 | 22.16 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         12RB#0         20.56         21.06         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS   | Band2 | 5MHz          | 16QAM  | 19175 | 1RB#24  | 21.66 | 22.16 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         12RB#6         20.61         21.11         33.00         PASS           Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS  | Band2 | 5MHz          | 16QAM  | 19175 | 1RB#12  | 21.84 | 22.34 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         12RB#13         20.50         21.00         33.00         PASS           Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS   | Band2 | 5MHz          | 16QAM  | 19175 | 12RB#0  | 20.56 | 21.06 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS   | Band2 | 5MHz          | 16QAM  | 19175 | 12RB#6  | 20.61 | 21.11 | 33.00 | PASS  |
| Band2         5MHz         16QAM         19175         25RB#0         20.50         21.00         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS   | Band2 | 5MHz          |        |       |         |       |       |       | PASS  |
| Band2         10MHz         QPSK         18650         1RB#0         22.63         23.13         33.00         PASS           Band2         10MHz         QPSK         18650         1RB#24         22.70         23.20         33.00         PASS  | +     |               |        |       |         |       |       | 33.00 | PASS  |
| Band2 10MHz QPSK 18650 1RB#24 22.70 23.20 33.00 PASS  | Band2 |               |        |       |         |       | _     |       | PASS  |
|   |       |               |        |       |         | +     |       |       | PASS  |
| Band2   10MHz   QPSK   18650   1RB#49   22.64   23.14   33.00   PASS  | Band2 |               |        |       | 1RB#49  |       | 23.14 |       | PASS  |
|   |       |               |        |       |         |       | 22.20 |       | PASS  |



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|       |       | T     | T     | T       | T     | 1     | 1     |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 21.66 | 22.16 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 21.77 | 22.27 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 21.72 | 22.22 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 22.55 | 23.05 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 22.58 | 23.08 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 22.67 | 23.17 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 21.65 | 22.15 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 21.64 | 22.14 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 21.64 | 22.14 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 21.66 | 22.16 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 22.57 | 23.07 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 22.50 | 23.00 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 22.49 | 22.99 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 21.57 | 22.07 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 21.56 | 22.06 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 21.58 | 22.08 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 21.57 | 22.07 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 21.95 | 22.45 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 21.81 | 22.31 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 21.87 | 22.37 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 20.63 | 21.13 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 20.72 | 21.22 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 20.74 | 21.24 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 20.72 | 21.22 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 21.80 | 22.30 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 21.85 | 22.35 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 21.88 | 22.38 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 20.62 | 21.12 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 20.60 | 21.10 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 20.66 | 21.16 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 20.64 | 21.14 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 21.88 | 22.38 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 21.66 | 22.16 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 21.76 | 22.26 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.54 | 21.04 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.57 | 21.07 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 20.54 | 21.04 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 20.54 | 21.04 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 22.57 | 23.07 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 22.58 | 23.08 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 22.67 | 23.17 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 36RB#39 | 21.74 | 22.24 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 36RB#18 | 21.73 | 22.23 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 36RB#0  | 21.67 | 22.17 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 21.70 | 22.20 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 22.52 | 23.02 | 33.00 | PASS |



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|       |       |       | T     |         |       | 1     | 1     |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 22.60 | 23.10 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 22.56 | 23.06 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 36RB#0  | 21.66 | 22.16 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 36RB#39 | 21.63 | 22.13 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 36RB#18 | 21.64 | 22.14 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 21.62 | 22.12 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 22.44 | 22.94 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 22.52 | 23.02 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 22.53 | 23.03 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 36RB#18 | 21.59 | 22.09 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 36RB#0  | 21.60 | 22.10 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 36RB#39 | 21.58 | 22.08 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 21.56 | 22.06 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 21.78 | 22.28 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 21.82 | 22.32 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 22.00 | 22.50 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 36RB#0  | 20.68 | 21.18 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 36RB#39 | 20.71 | 21.21 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 36RB#18 | 20.70 | 21.20 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 20.70 | 21.20 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 21.81 | 22.31 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 22.57 | 23.07 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 21.89 | 22.39 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 36RB#18 | 20.61 | 21.11 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 36RB#0  | 20.62 | 21.12 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 36RB#39 | 20.59 | 21.09 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 20.62 | 21.12 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 21.68 | 22.18 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 21.79 | 22.29 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 21.77 | 22.27 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 36RB#0  | 20.56 | 21.06 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 36RB#39 | 20.54 | 21.04 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 36RB#18 | 20.55 | 21.05 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 20.55 | 21.05 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 22.50 | 23.00 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 22.76 | 23.26 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 22.57 | 23.07 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 21.72 | 22.22 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 21.62 | 22.12 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 21.68 | 22.18 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 21.65 | 22.15 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 22.44 | 22.94 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 22.50 | 23.00 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 22.66 | 23.16 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 21.61 | 22.11 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 21.63 | 22.13 | 33.00 | PASS |



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| Band2         20MHz         QPSK         18900         50RB#50         21.62         22.12         33.00         PASS           Band2         20MHz         QPSK         18900         100RB#0         21.61         22.11         33.00         PASS           Band2         20MHz         QPSK         19100         1RB#0         22.46         22.96         33.00         PASS           Band2         20MHz         QPSK         19100         1RB#99         22.40         22.90         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#0         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#25         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#50         21.58         22.08         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS  |       |       | ı     |       | T       | ı     | 1     |       |      |
|---|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band2         20MHz         QPSK         19100         1RB#0         22.46         22.96         33.00         PASS           Band2         20MHz         QPSK         19100         1RB#49         22.61         23.11         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#0         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#55         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#25         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#50         21.58         22.08         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#99         21.69         22.19         33.00         PASS  | Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 21.62 | 22.12 | 33.00 | PASS |
| Band2         20MHz         QPSK         19100         1RB#49         22.61         23.11         33.00         PASS           Band2         20MHz         QPSK         19100         1RB#99         22.40         22.90         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#0         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#55         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#50         21.58         22.08         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#49         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS  | Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 21.61 | 22.11 | 33.00 | PASS |
| Band2         20MHz         QPSK         19100         1RB#99         22.40         22.90         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#0         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#55         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#50         21.58         22.09         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#99         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS  | Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 22.46 | 22.96 | 33.00 | PASS |
| Band2         20MHz         QPSK         19100         50RB#0         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#25         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#50         21.58         22.08         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#49         21.95         22.45         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS  | Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 22.61 | 23.11 | 33.00 | PASS |
| Band2         20MHz         QPSK         19100         50RB#25         21.60         22.10         33.00         PASS           Band2         20MHz         QPSK         19100         50RB#50         21.58         22.08         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#99         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         10RB#0         20.66         21.16         33.00         PASS   | Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 22.40 | 22.90 | 33.00 | PASS |
| Band2         20MHz         QPSK         19100         50RB#50         21.58         22.08         33.00         PASS           Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#49         21.95         22.45         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#99         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS  | Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 21.60 | 22.10 | 33.00 | PASS |
| Band2         20MHz         QPSK         19100         100RB#0         21.59         22.09         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#49         21.95         22.45         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS <tr< td=""><td>Band2</td><td>20MHz</td><td>QPSK</td><td>19100</td><td>50RB#25</td><td>21.60</td><td>22.10</td><td>33.00</td><td>PASS</td></tr<>  | Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 21.60 | 22.10 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         1RB#0         21.74         22.24         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#49         21.95         22.45         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#59         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS   | Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 21.58 | 22.08 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         1RB#49         21.95         22.45         33.00         PASS           Band2         20MHz         16QAM         18700         1RB#99         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS   | Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 21.59 | 22.09 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         1RB#99         21.69         22.19         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS <tr< td=""><td>Band2</td><td>20MHz</td><td>16QAM</td><td>18700</td><td>1RB#0</td><td>21.74</td><td>22.24</td><td>33.00</td><td>PASS</td></tr<>   | Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 21.74 | 22.24 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         50RB#50         20.64         21.14         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS <tr< td=""><td>Band2</td><td>20MHz</td><td>16QAM</td><td>18700</td><td>1RB#49</td><td>21.95</td><td>22.45</td><td>33.00</td><td>PASS</td></tr<>  | Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 21.95 | 22.45 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         50RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.62         21.12         33.00         PASS <tr< td=""><td>Band2</td><td>20MHz</td><td>16QAM</td><td>18700</td><td>1RB#99</td><td>21.69</td><td>22.19</td><td>33.00</td><td>PASS</td></tr<>  | Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 21.69 | 22.19 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         50RB#25         20.69         21.19         33.00         PASS           Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         10RB#0         20.60         21.10         33.00         PASS <tr< td=""><td>Band2</td><td>20MHz</td><td>16QAM</td><td>18700</td><td>50RB#50</td><td>20.64</td><td>21.14</td><td>33.00</td><td>PASS</td></tr<> | Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 20.64 | 21.14 | 33.00 | PASS |
| Band2         20MHz         16QAM         18700         100RB#0         20.66         21.16         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#9         21.64         22.14         33.00         PASS   | Band2 | 20MHz | 16QAM | 18700 | 50RB#0  | 20.60 | 21.10 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         1RB#0         21.77         22.27         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS  | Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 20.69 | 21.19 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         1RB#49         21.93         22.43         33.00         PASS           Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS   | Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 20.66 | 21.16 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         1RB#99         21.67         22.17         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS   | Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 21.77 | 22.27 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         50RB#0         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS <tr< td=""><td>Band2</td><td>20MHz</td><td>16QAM</td><td>18900</td><td>1RB#49</td><td>21.93</td><td>22.43</td><td>33.00</td><td>PASS</td></tr<>  | Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 21.93 | 22.43 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         50RB#50         20.61         21.11         33.00         PASS           Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS <td>Band2</td> <td>20MHz</td> <td>16QAM</td> <td>18900</td> <td>1RB#99</td> <td>21.67</td> <td>22.17</td> <td>33.00</td> <td>PASS</td>          | Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 21.67 | 22.17 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         50RB#25         20.62         21.12         33.00         PASS           Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS  | Band2 | 20MHz | 16QAM | 18900 | 50RB#0  | 20.62 | 21.12 | 33.00 | PASS |
| Band2         20MHz         16QAM         18900         100RB#0         20.60         21.10         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS   | Band2 | 20MHz | 16QAM | 18900 | 50RB#50 | 20.61 | 21.11 | 33.00 | PASS |
| Band2         20MHz         16QAM         19100         1RB#0         21.70         22.20         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS  | Band2 | 20MHz | 16QAM | 18900 | 50RB#25 | 20.62 | 21.12 | 33.00 | PASS |
| Band2         20MHz         16QAM         19100         1RB#99         21.64         22.14         33.00         PASS           Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS   | Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 20.60 | 21.10 | 33.00 | PASS |
| Band2         20MHz         16QAM         19100         1RB#49         21.83         22.33         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS   | Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 21.70 | 22.20 | 33.00 | PASS |
| Band2         20MHz         16QAM         19100         50RB#0         20.59         21.09         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS   | Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 21.64 | 22.14 | 33.00 | PASS |
| Band2         20MHz         16QAM         19100         50RB#25         20.58         21.08         33.00         PASS           Band2         20MHz         16QAM         19100         50RB#50         20.59         21.09         33.00         PASS   | Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 21.83 | 22.33 | 33.00 | PASS |
| Band2 20MHz 16QAM 19100 50RB#50 20.59 21.09 33.00 PASS  | Band2 | 20MHz | 16QAM | 19100 | 50RB#0  | 20.59 | 21.09 | 33.00 | PASS |
|   | Band2 | 20MHz | 16QAM | 19100 | 50RB#25 | 20.58 | 21.08 | 33.00 | PASS |
| Band2 20MHz 16QAM 19100 100RB#0 20.58 21.08 33.00 PASS  | Band2 | 20MHz | 16QAM | 19100 | 50RB#50 | 20.59 | 21.09 | 33.00 | PASS |
|   | Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 20.58 | 21.08 | 33.00 | PASS |

#### Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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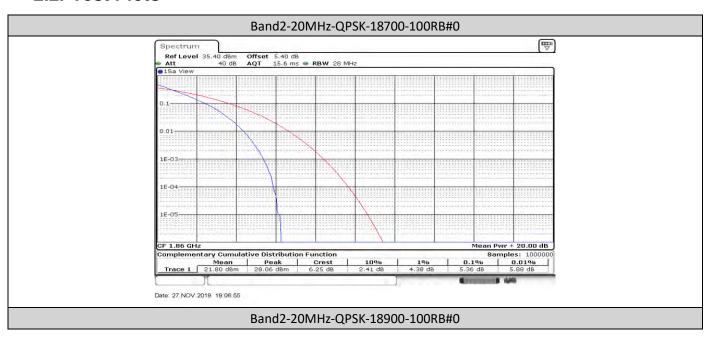
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#### 2. Peak-to-Average Ratio (CCDF)

#### 2.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 5.36       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.42       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | 5.28       | 13        | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0          | 6.20       | 13        | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0          | 6.20       | 13        | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0          | 6.09       | 13        | PASS    |

#### 2.2. Test Plots

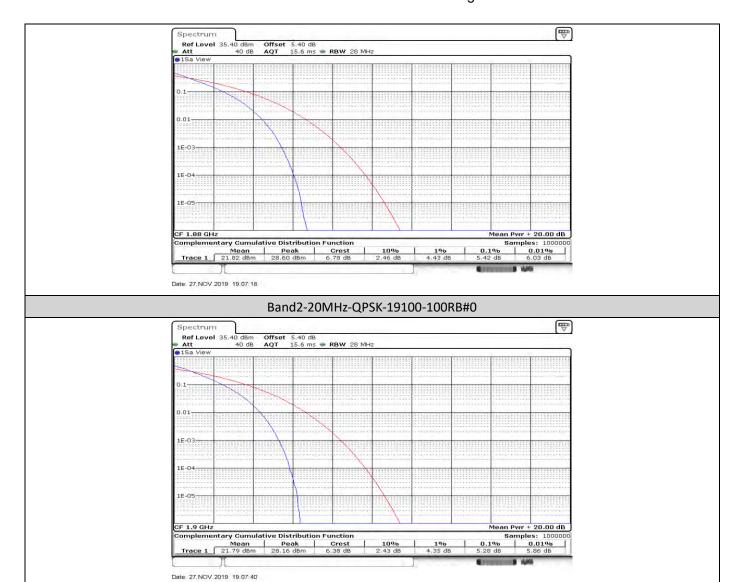




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Band2-20MHz-16QAM-18700-100RB#0



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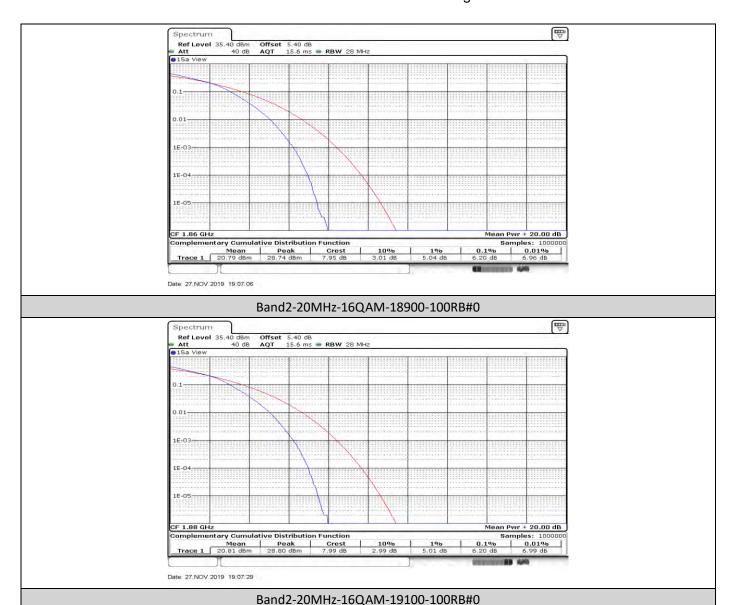
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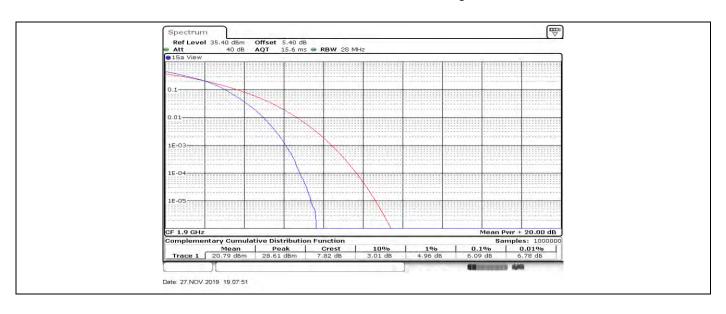
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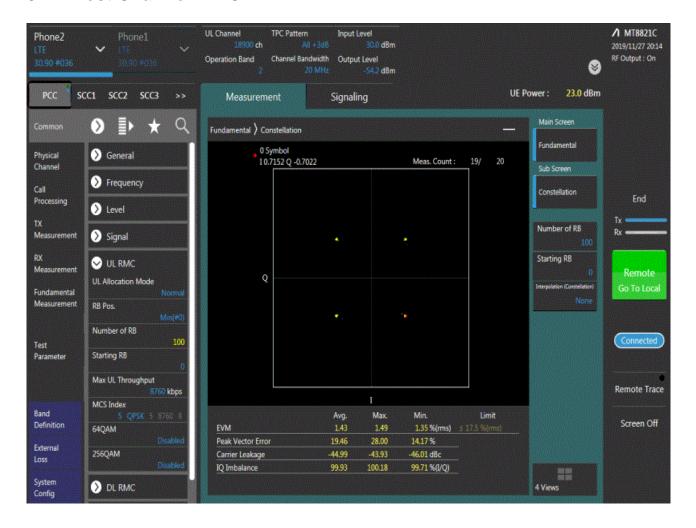
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#### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

#### 3.1.1.Test Channel = MCH





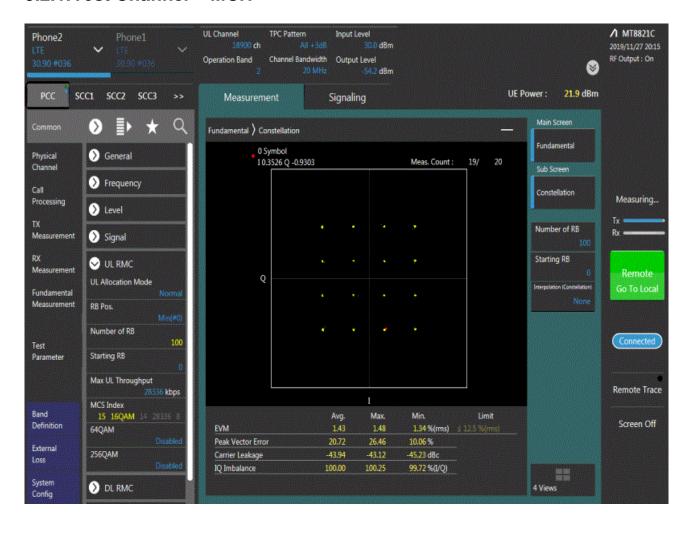
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#### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1.Test Channel = MCH





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#### 4. 26dB Bandwidth and Occupied Bandwidth

#### 4.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied<br>Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------------|-------------------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 1.088                          | 1.281                   | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.088                          | 1.275                   | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 1.088                          | 1.287                   | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 1.091                          | 1.287                   | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.088                          | 1.272                   | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 1.088                          | 1.281                   | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 2.691                          | 2.880                   | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.685                          | 2.898                   | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 2.691                          | 2.886                   | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 2.679                          | 2.874                   | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.679                          | 2.874                   | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 2.673                          | 2.880                   | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.476                          | 4.950                   | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.486                          | 4.880                   | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 4.486                          | 4.890                   | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 4.486                          | 4.910                   | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.476                          | 4.900                   | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.486                          | 4.890                   | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 8.991                          | 9.700                   | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 8.971                          | 9.780                   | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 8.971                          | 9.620                   | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | 8.971                          | 9.740                   | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 8.951                          | 9.620                   | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 50RB#0           | 9.011                          | 9.660                   | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 13.666                         | 14.910                  | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.606                         | 14.790                  | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 13.606                         | 14.820                  | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 75RB#0           | 13.696                         | 14.760                  | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 75RB#0           | 13.636                         | 14.670                  | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 75RB#0           | 13.606                         | 14.730                  | PASS    |



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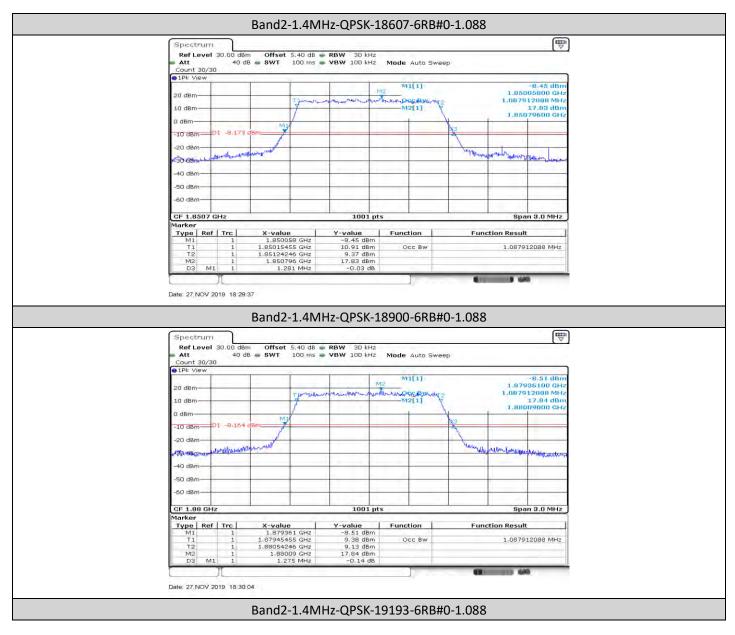


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| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 18.102 | 19.360 | PASS |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 18.182 | 19.400 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 18.062 | 19.240 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 18.062 | 19.280 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 18.062 | 19.280 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 18.062 | 19.240 | PASS |

#### 4.2. Test Plots



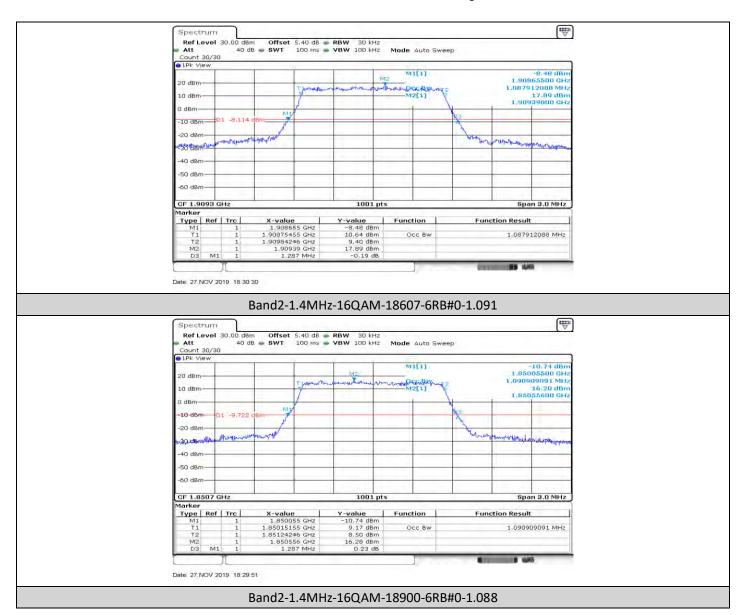


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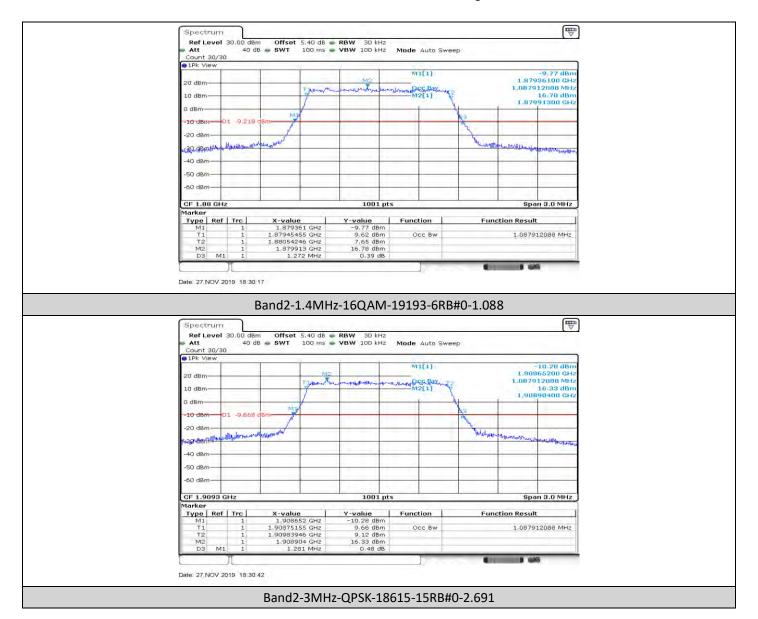
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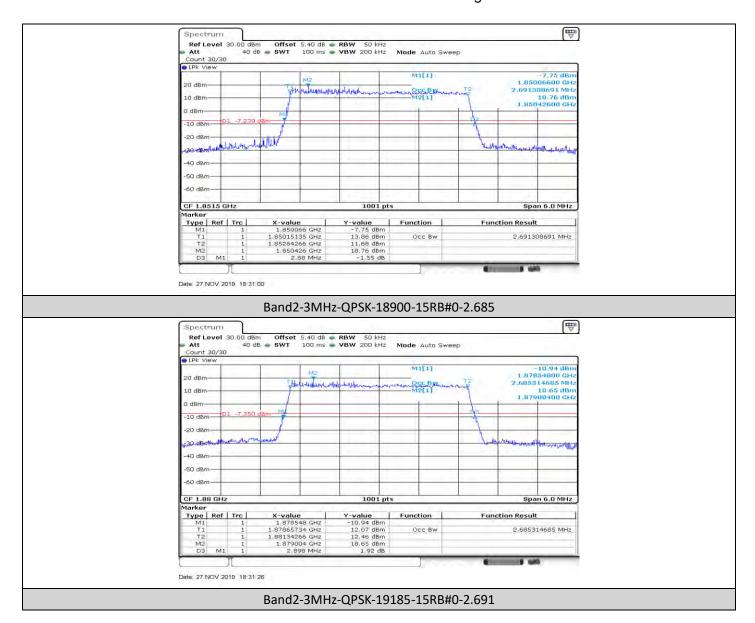
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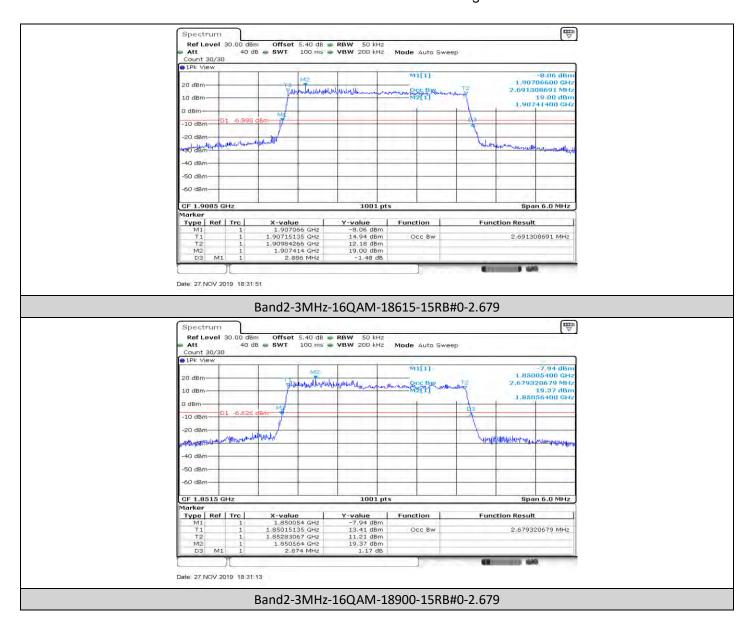
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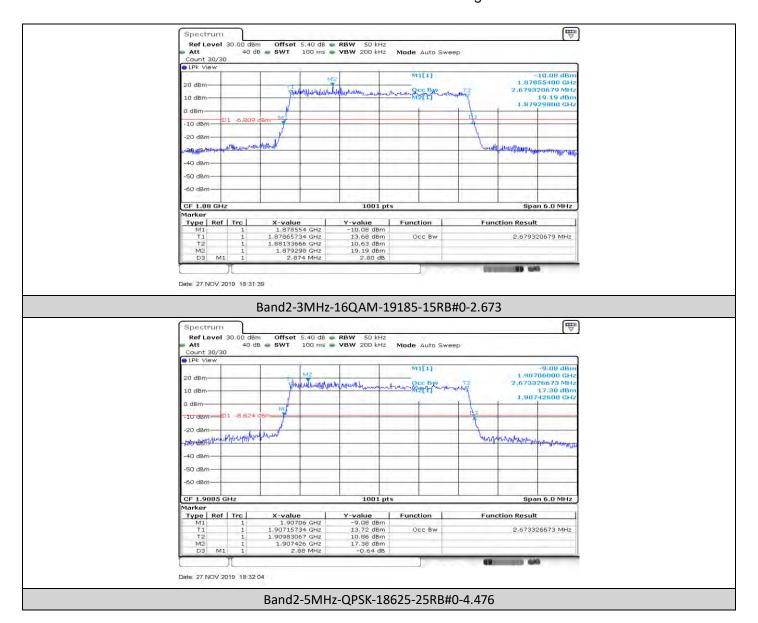
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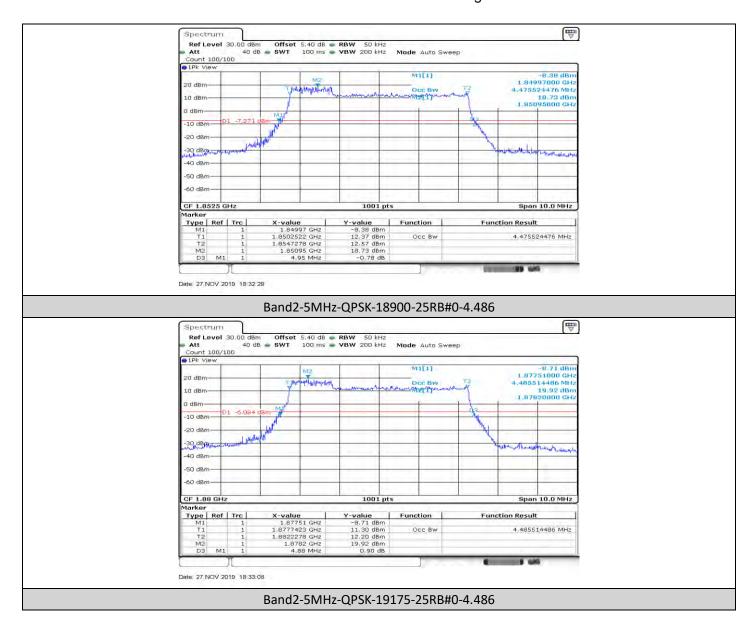
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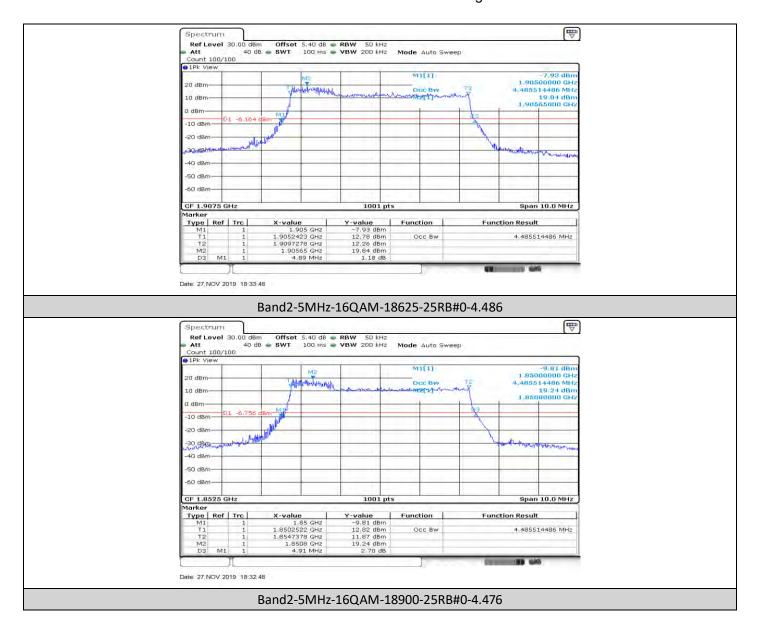
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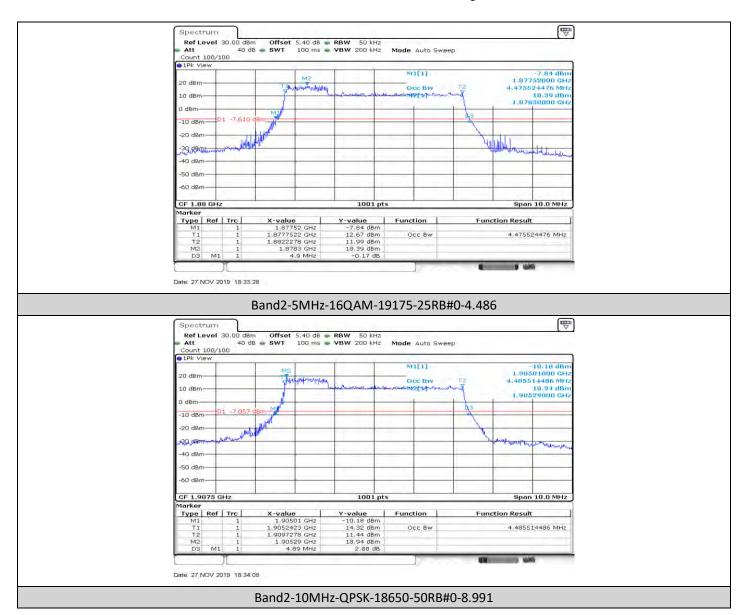
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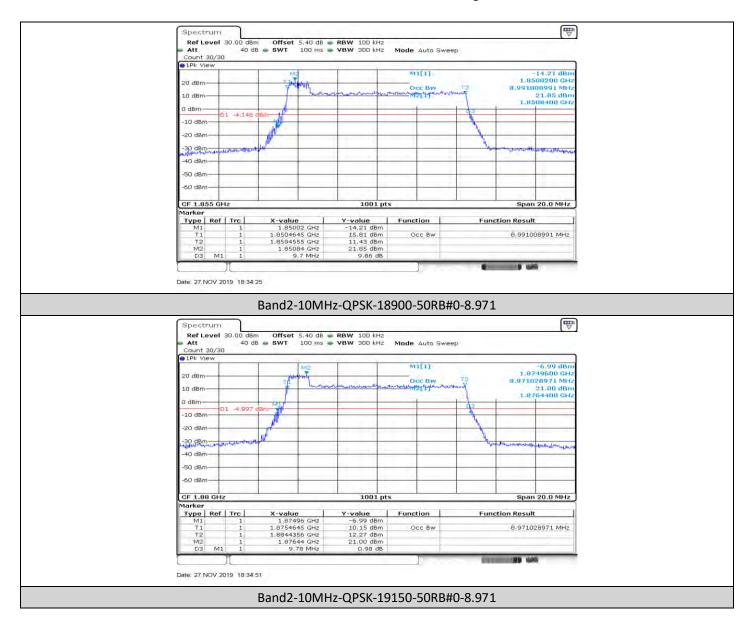
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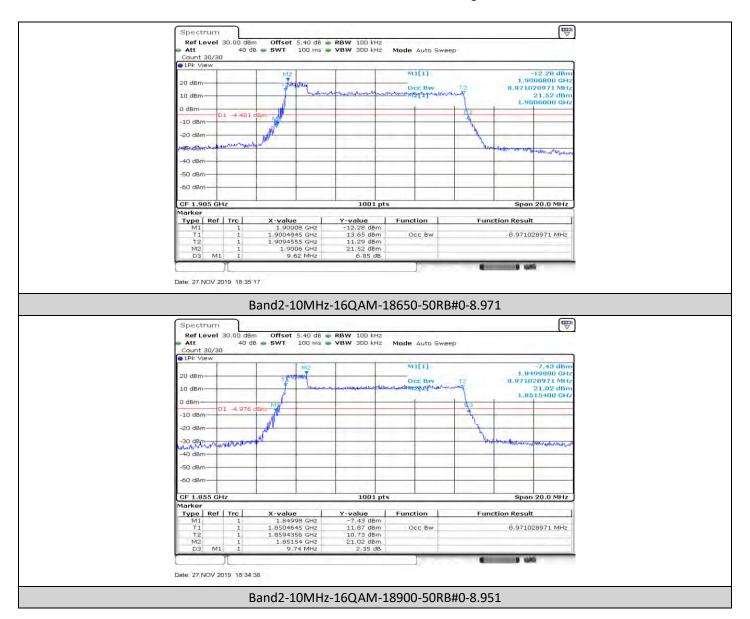
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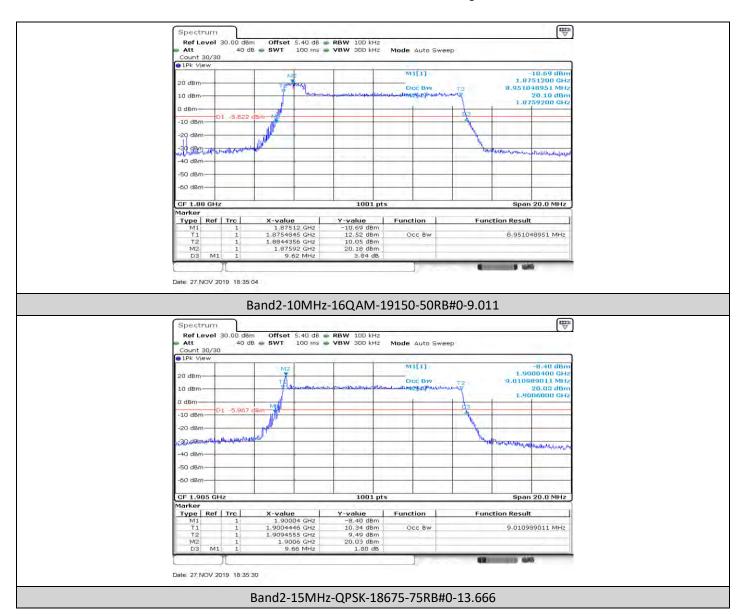
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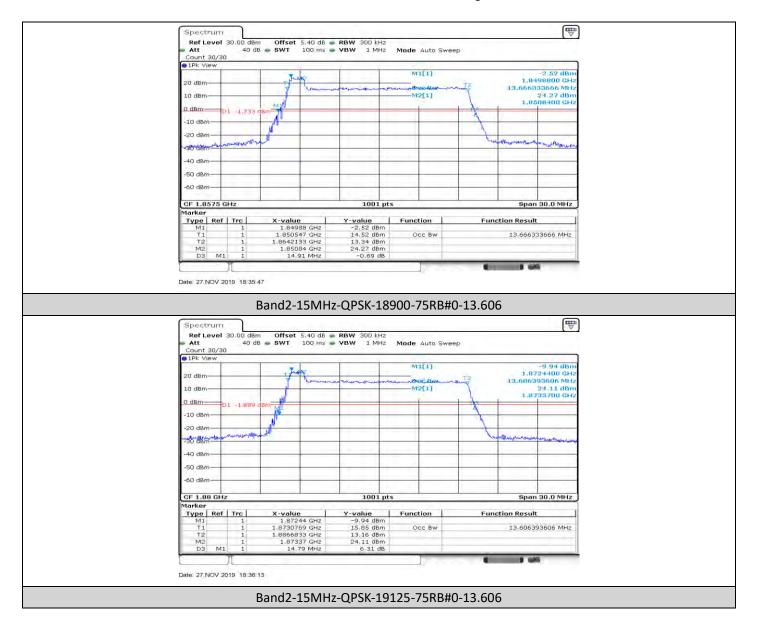
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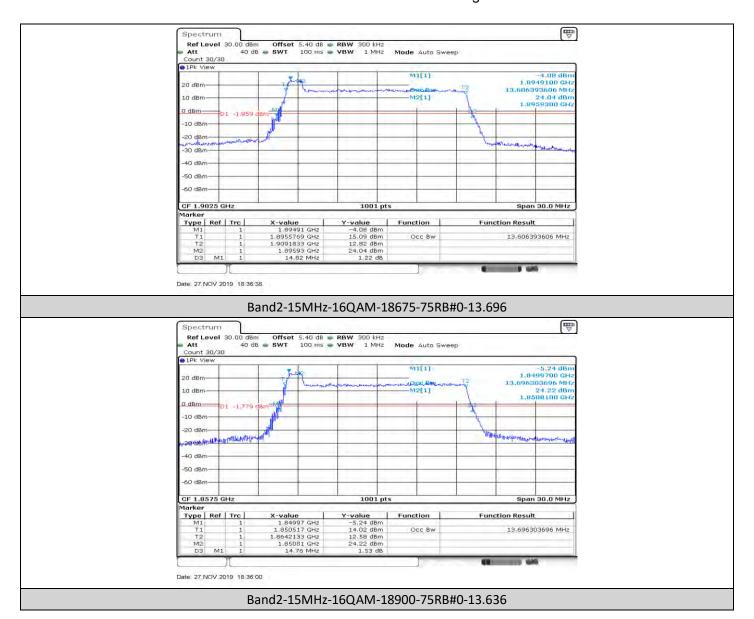
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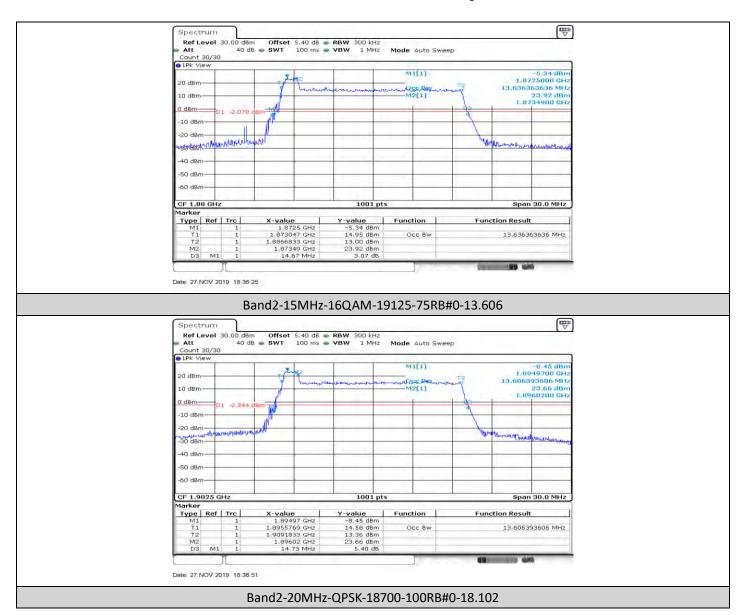
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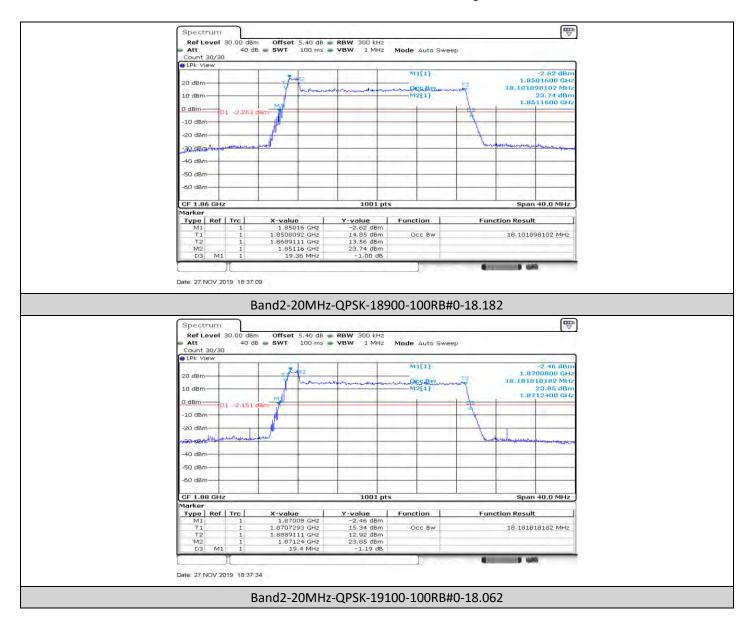
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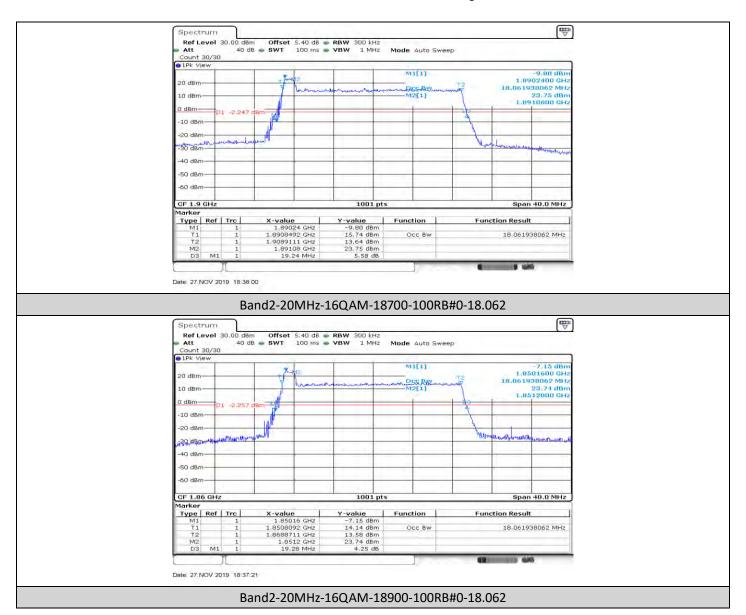
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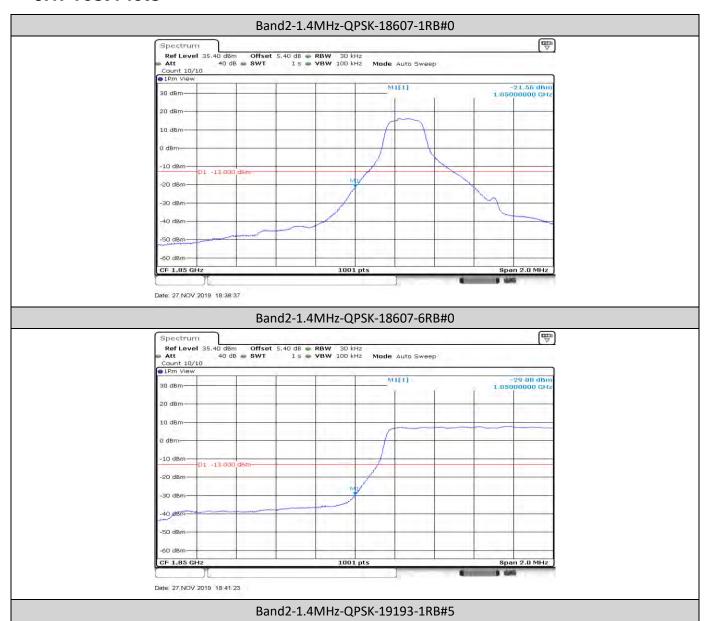
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#### 5. Band Edge Compliance

#### 5.1. Test Plots



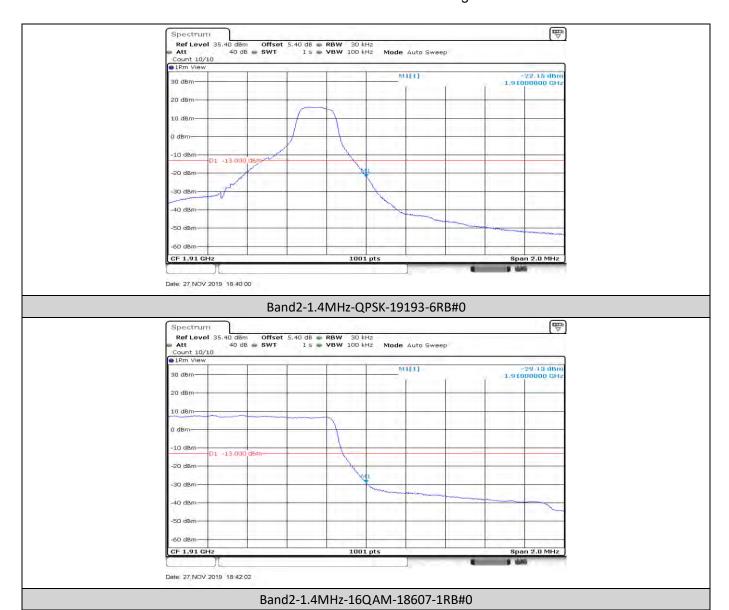


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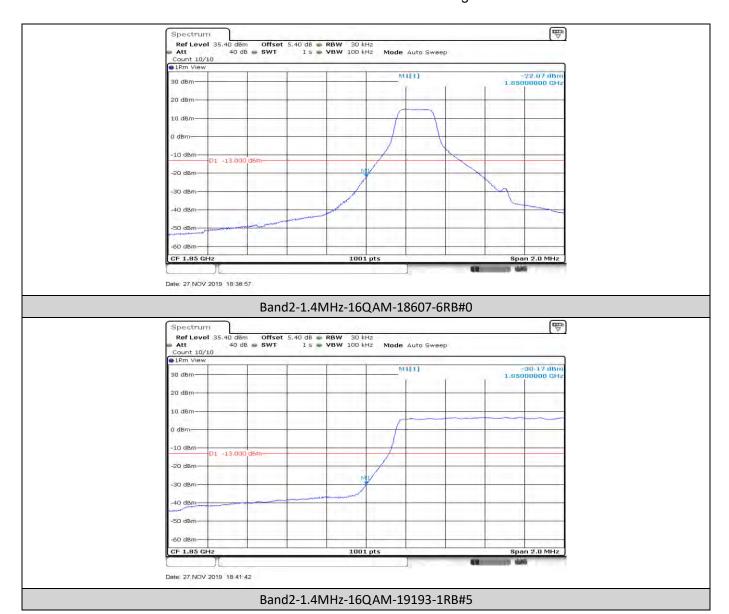
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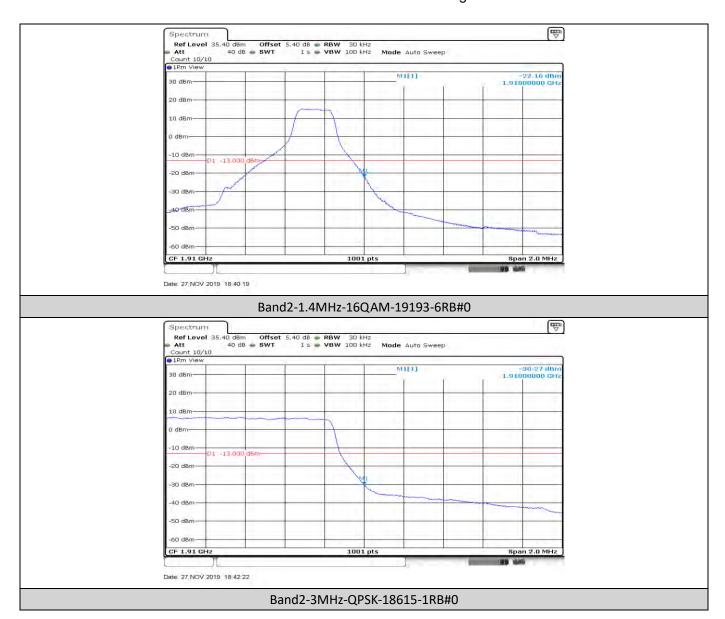
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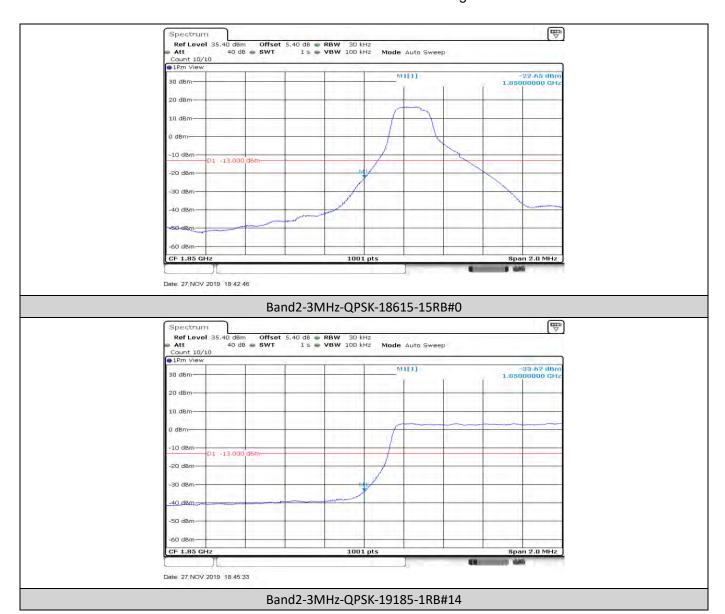
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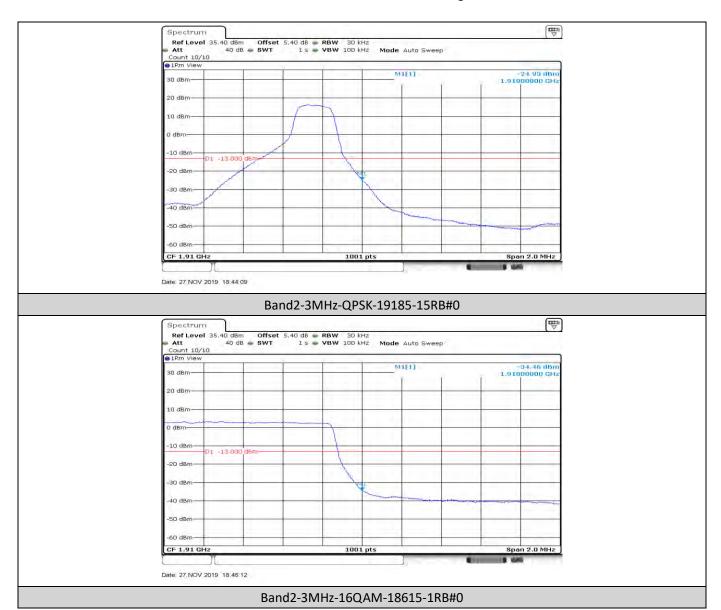
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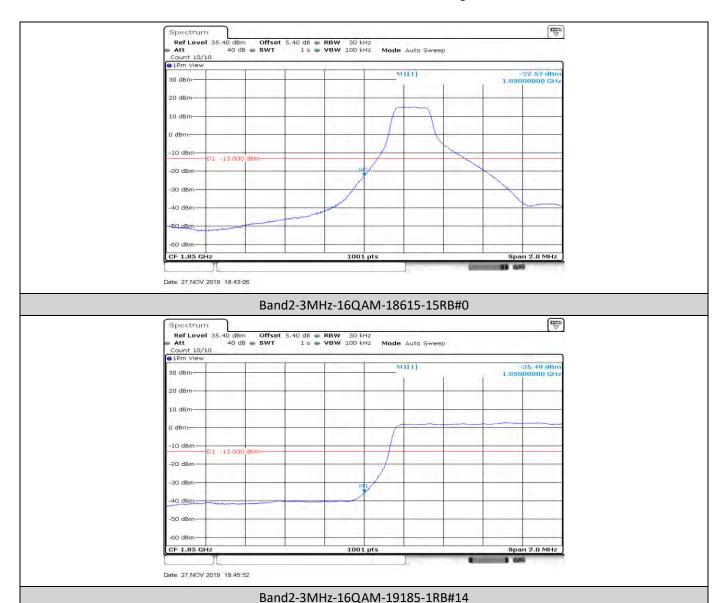
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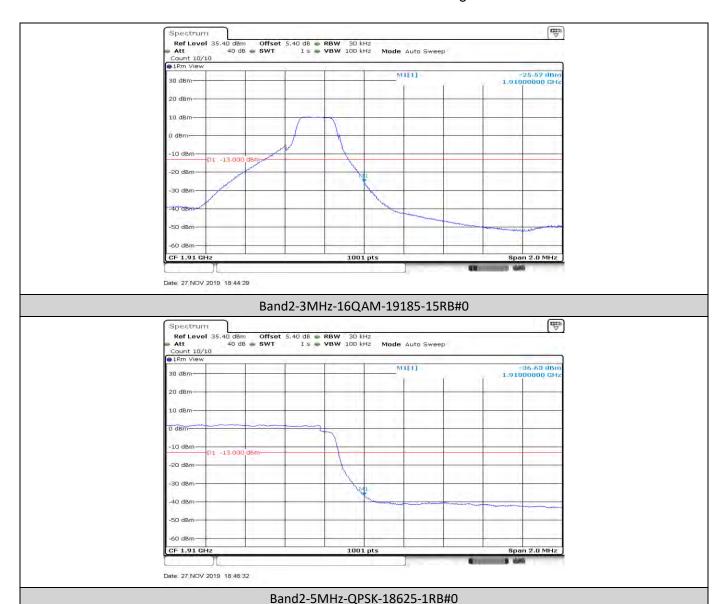
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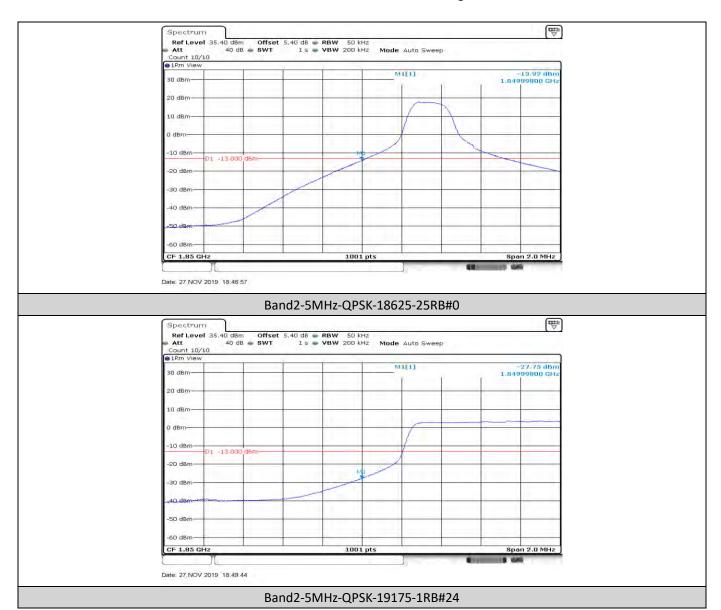
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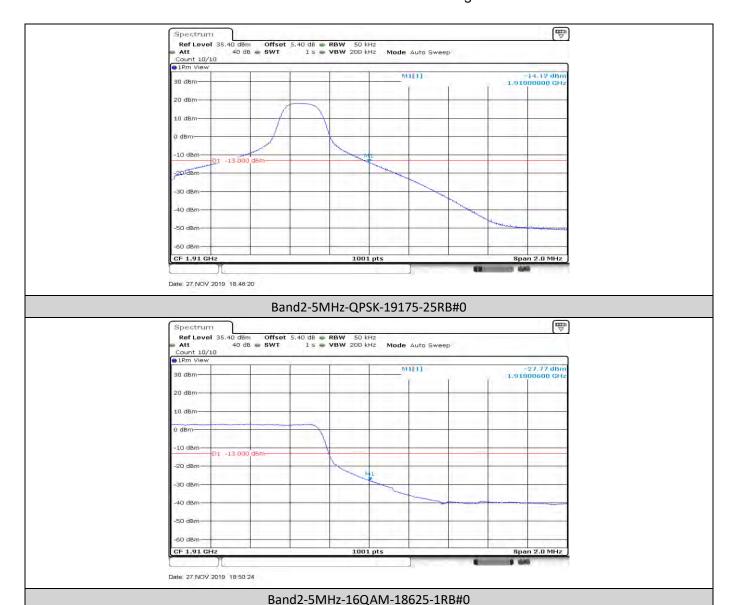
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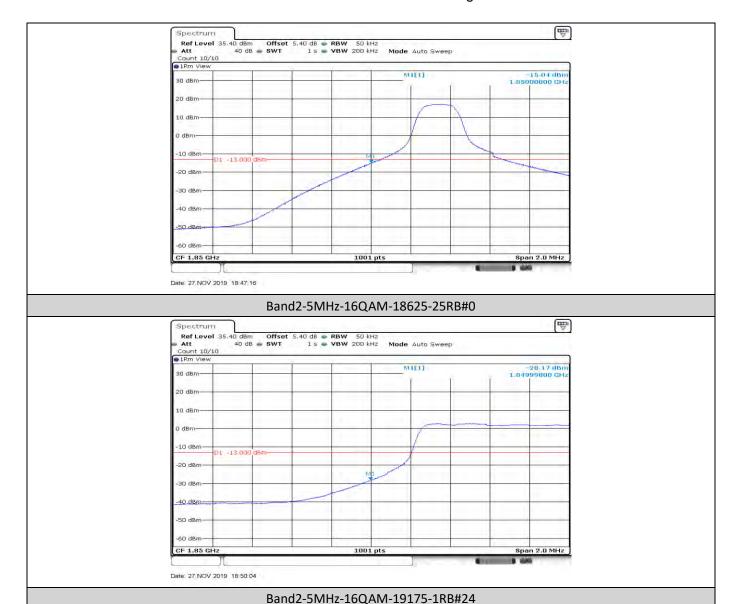
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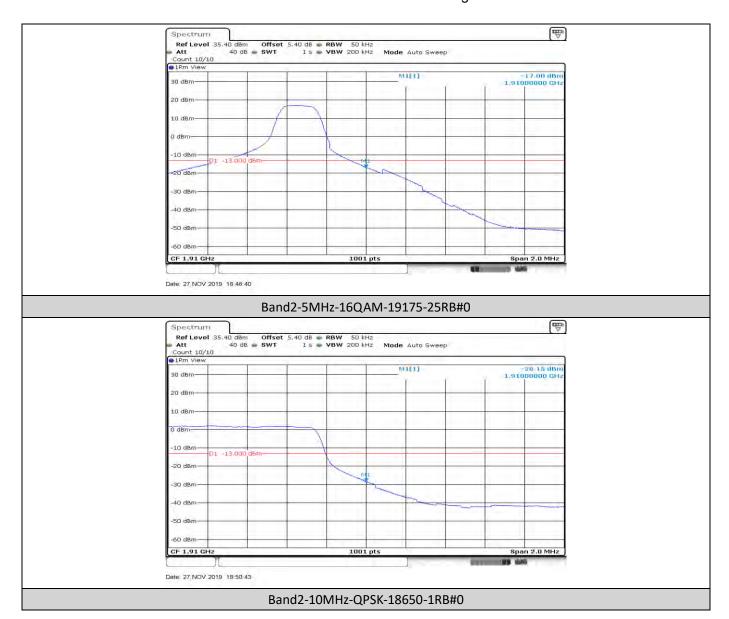
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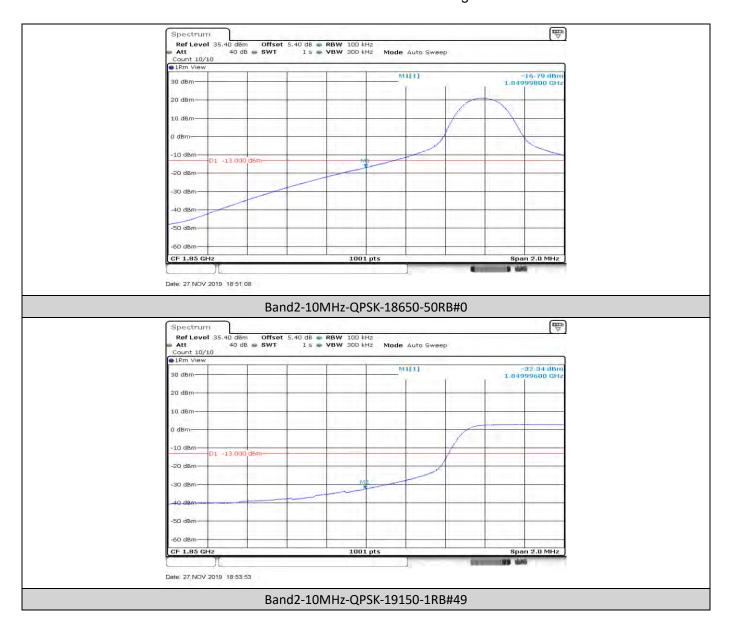
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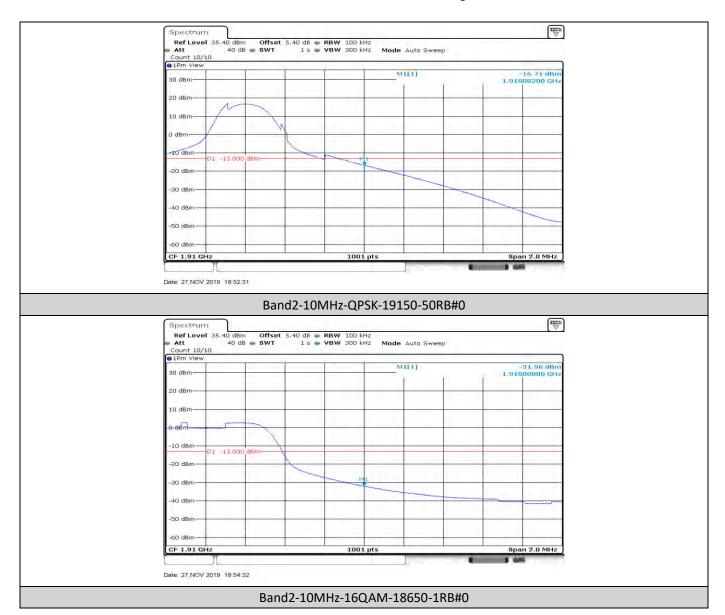
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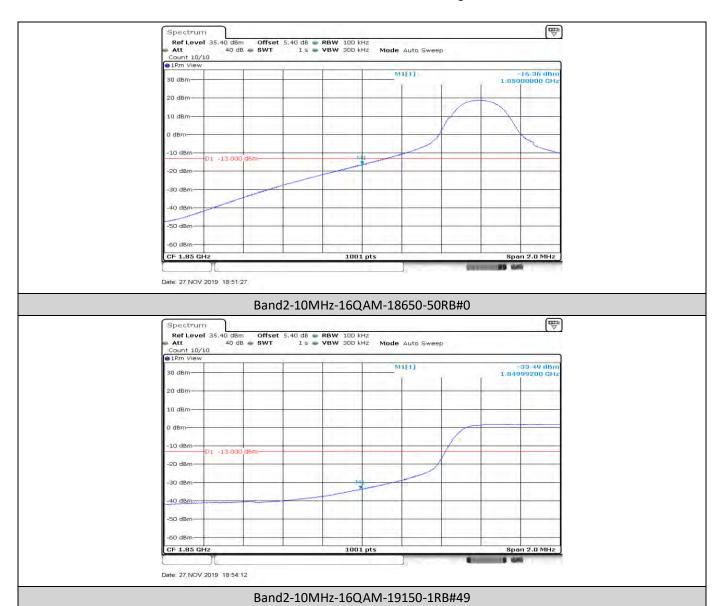
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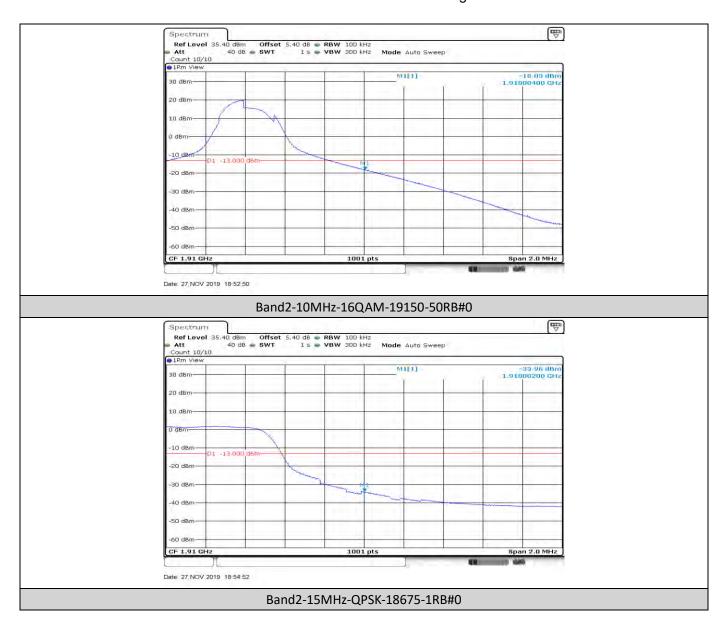
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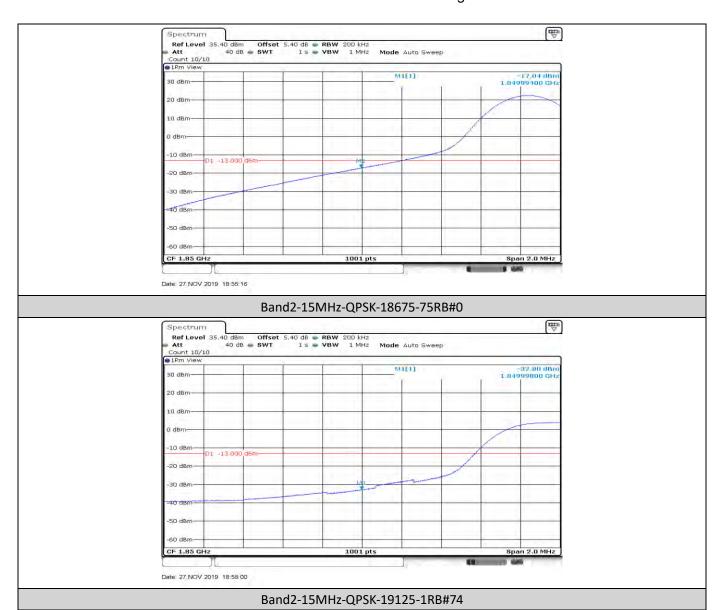
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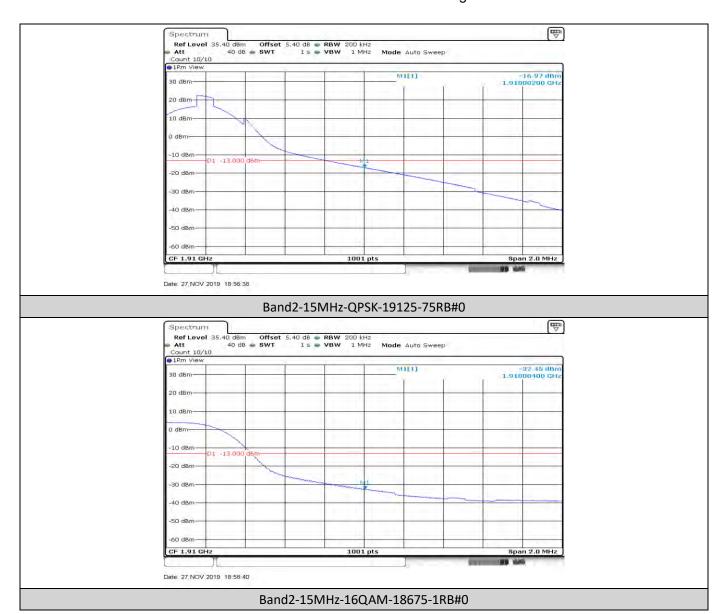
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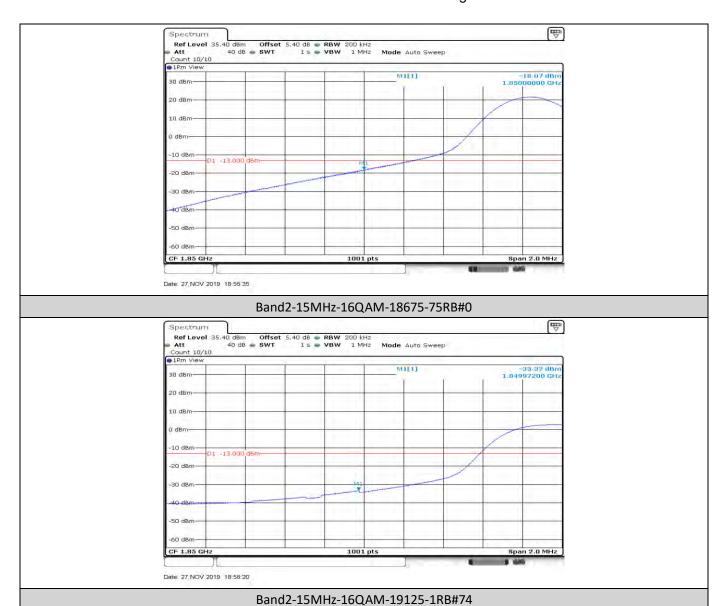
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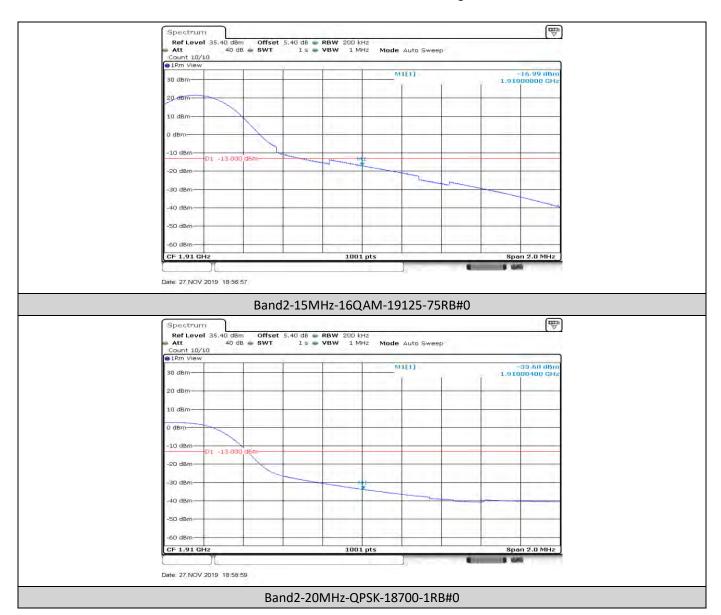
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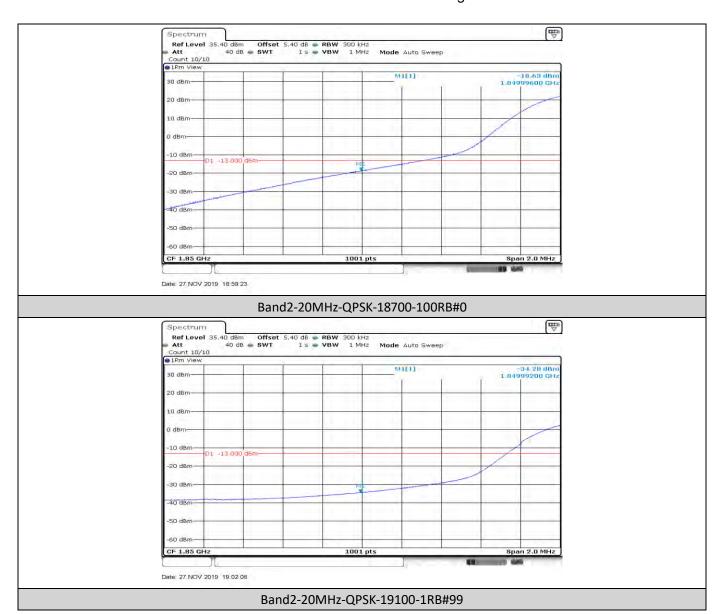
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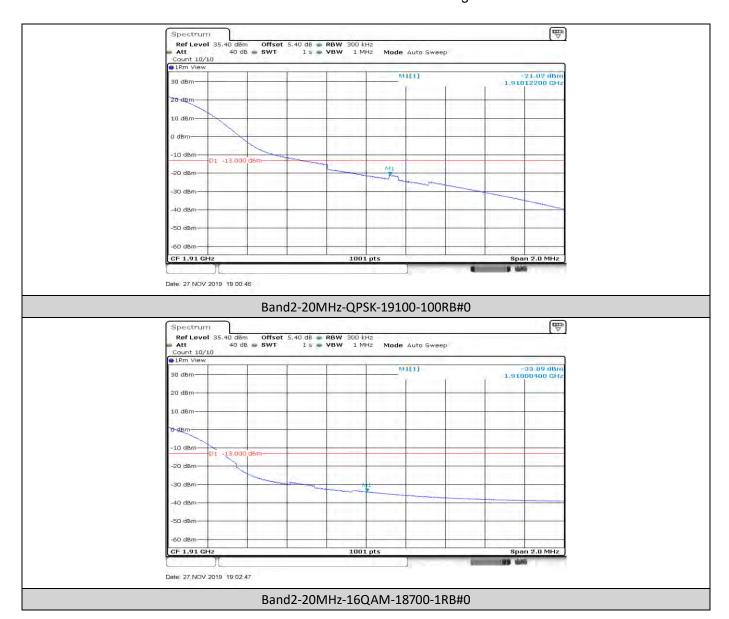
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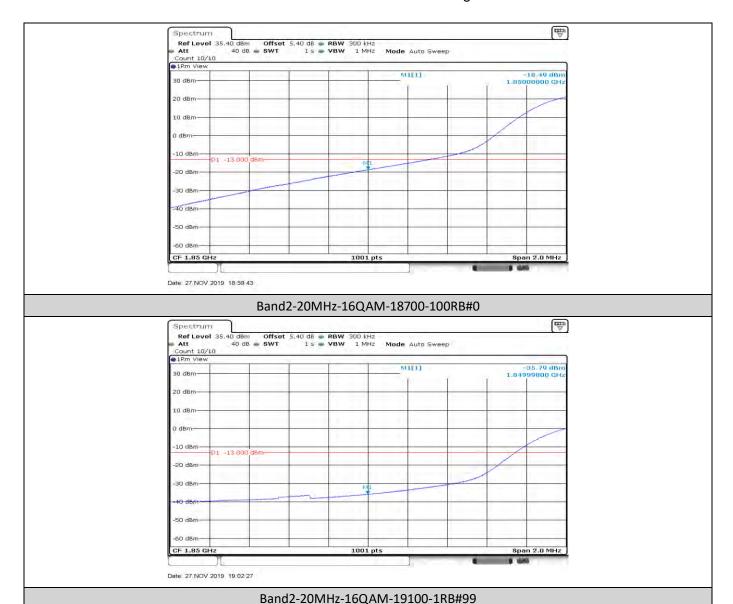
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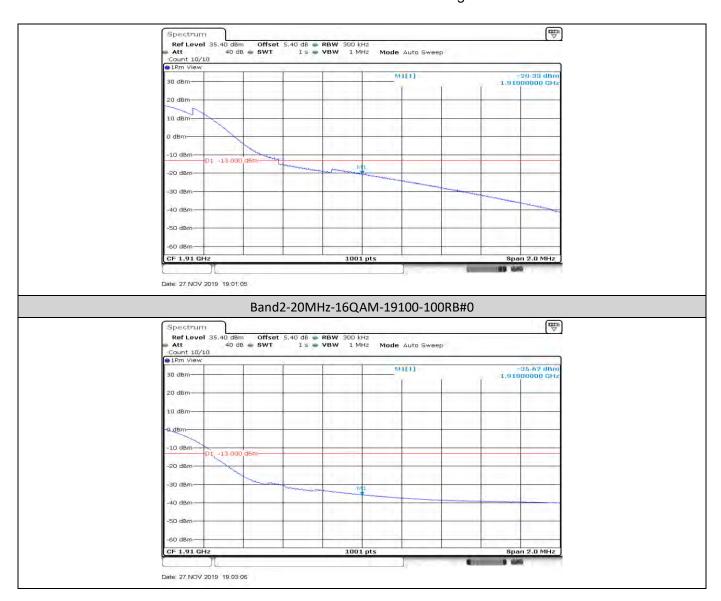
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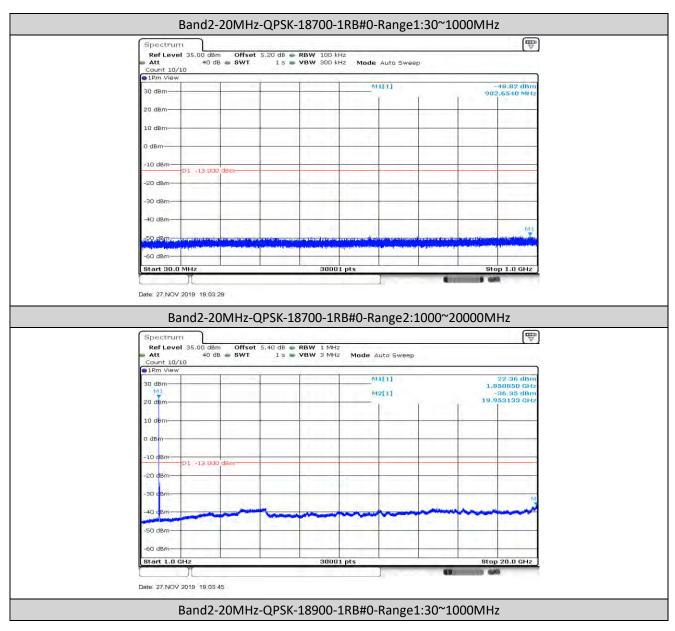
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### 6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

#### 6.1. Test Plots





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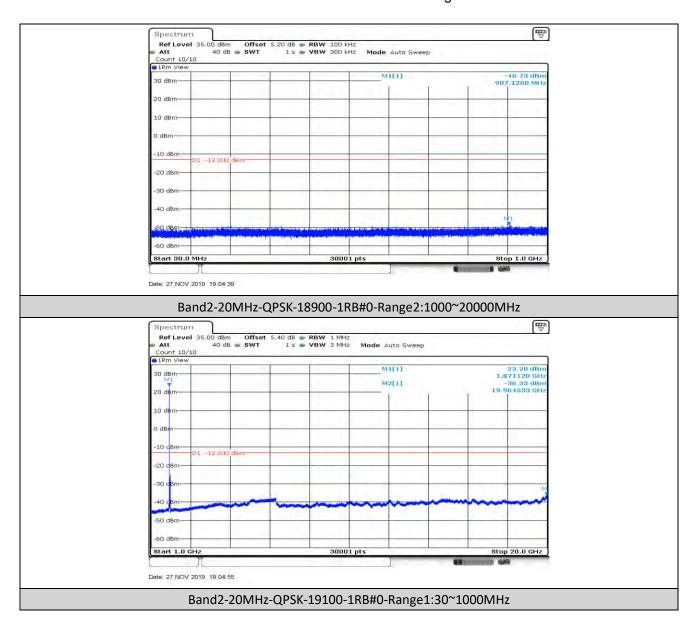
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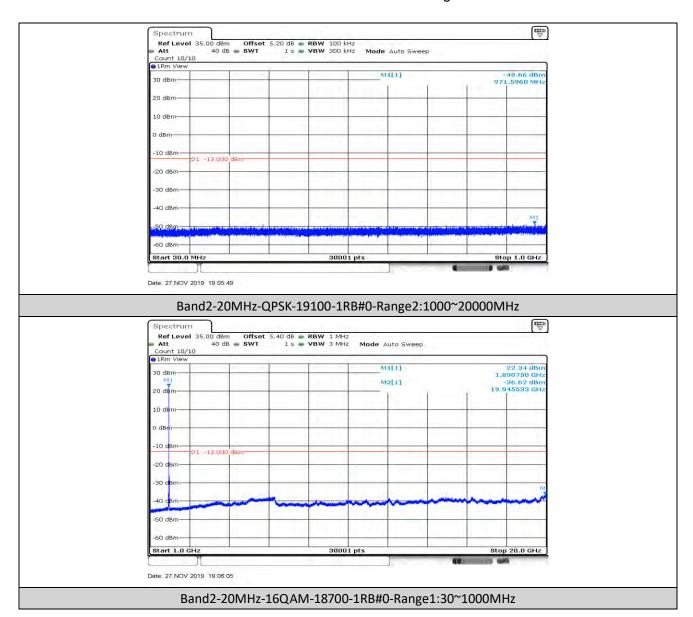
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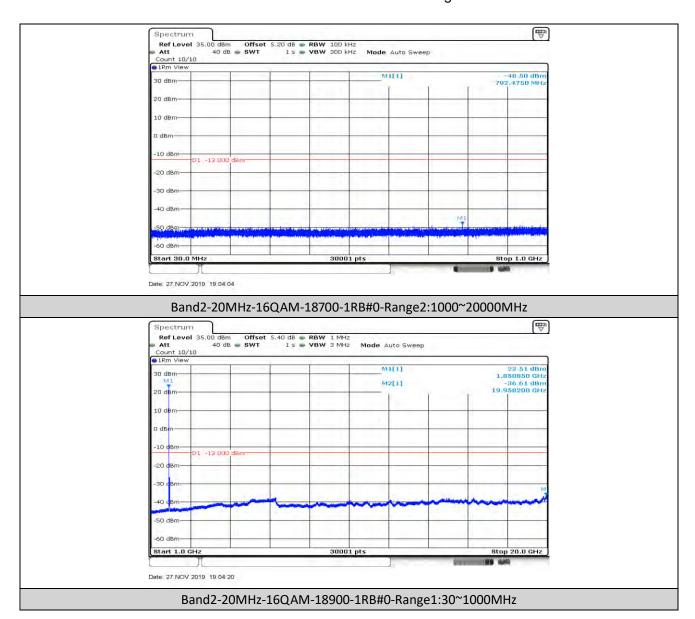
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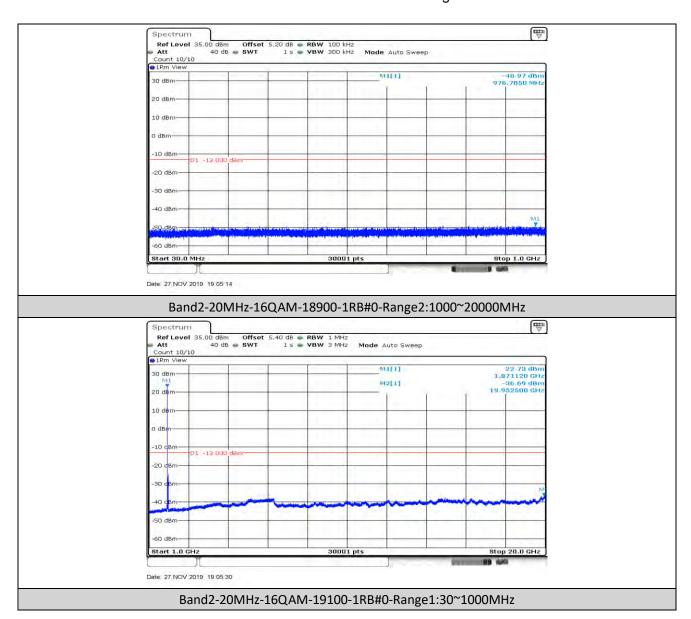
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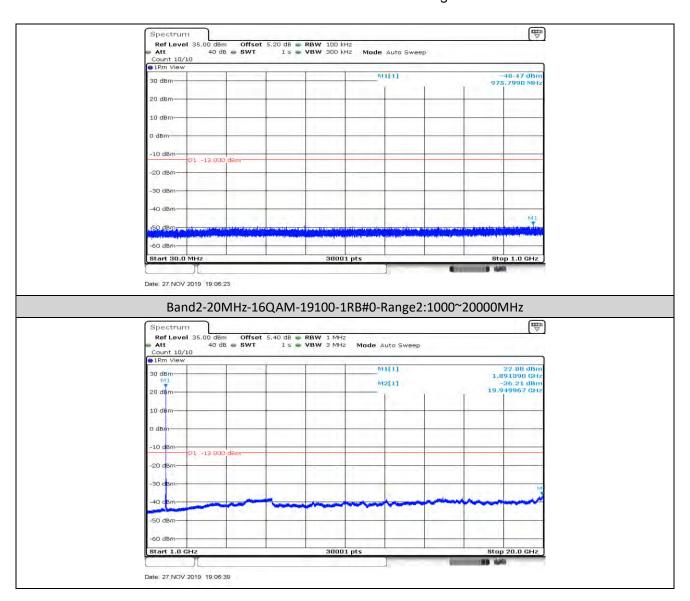
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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 (Main Ant)

### 7.1.1.Test Channel = LCH

| Frequency (MHz) | Level (dBm)          | Limit Line (dBm) | Margin (dB) | Polarization |  |
|-----------------|----------------------|------------------|-------------|--------------|--|
| 110.0775        | -64.48               | -13.00           | 51.48       | Vertical     |  |
| 2701.9404       | -37.45               | -13.00           | 24.45       | Vertical     |  |
| 3702.0234       | -55.85               | -13.00           | 42.85       | Vertical     |  |
| 7367.6456       | -53.14               | -13.00           | 40.14       | Vertical     |  |
| 14465.8822      | -43.31               | -13.00           | 30.31       | Vertical     |  |
| 17991.9997      | -34.60               | -13.00           | 21.60       | Vertical     |  |
| 40.0885         | -63.75               | -13.00           | 50.75       | Horizontal   |  |
| 2696.3393       | 6.3393 -36.36 -13.00 |                  | 23.36       | Horizontal   |  |
| 3702.0234       | -55.82               | -13.00           | 42.82       | Horizontal   |  |
| 9321.2107       | -49.77               | -13.00           | 36.77       | Horizontal   |  |
| 16398.9466      | -39.36               | -13.00           | 26.36       | Horizontal   |  |
| 17985.4995      | -40.56               | -13.00           | 27.56       | Horizontal   |  |

### 7.1.2.Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 107.1674        | -65.15      | -13.00           | 52.15       | Vertical     |
| 2744.3489       | -38.27      | -13.00           | 25.27       | Vertical     |
| 3742.5248       | -56.28      | -13.00           | 43.28       | Vertical     |
| 9328.7110       | -48.05      | -13.00           | 35.05       | Vertical     |
| 14705.3902      | -43.09      | -13.00           | 30.09       | Vertical     |
| 17998.5000      | -34.30      | -13.00           | 21.30       | Vertical     |
| 44.0657         | -64.18      | -13.00           | 51.18       | Horizontal   |
| 241.3251        | -67.52      | -13.00           | 54.52       | Horizontal   |
| 2591.1182       | -36.11      | -13.00           | 23.11       | Horizontal   |
| 3742.0247       | -56.56      | -13.00           | 43.56       | Horizontal   |
| 9319.2106       | -48.87      | -13.00           | 35.87       | Horizontal   |
| 16379.9460      | -38.97      | -13.00           | 25.97       | Horizontal   |



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### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm)       | Limit Line (dBm) | Margin (dB) | Polarization |  |
|-----------------|-------------------|------------------|-------------|--------------|--|
| 112.6481        | -64.92            | -13.00           | 51.92       | Vertical     |  |
| 2702.7405       | -37.24            | -13.00           | 24.24       | Vertical     |  |
| 3782.0261       | -55.22            | -13.00           | 42.22       | Vertical     |  |
| 7383.1461       | -52.16            | -13.00           | 39.16       | Vertical     |  |
| 14691.3897      | -42.05            | -13.00           | 29.05       | Vertical     |  |
| 17995.4999      | -33.96            | -13.00           | 20.96       | Vertical     |  |
| 44.1142         | -64.67            | -13.00           | 51.67       | Horizontal   |  |
| 235.4563        | 563 -68.62 -13.00 |                  | 55.62       | Horizontal   |  |
| 2701.5403       | -35.99            | -13.00           | 22.99       | Horizontal   |  |
| 9324.7108       | -48.28            | -13.00           | 35.28       | Horizontal   |  |
| 16398.4466      | -38.34            | -13.00           | 25.34       | Horizontal   |  |
| 17995.9999      | -38.47            | -13.00           | 25.47       | Horizontal   |  |

### 7.2. Test Mode =LTE/TM1 (Second Ant)

### 7.2.1.Test Channel = LCH

| Frequency (MHz) | Level (dBm)      | Limit Line (dBm) | Margin (dB) | Polarization |  |
|-----------------|------------------|------------------|-------------|--------------|--|
| 109.5440        | -65.20           | -13.00           | 52.20       | Vertical     |  |
| 2696.3393       | -37.33           | -13.00           | 24.33       | Vertical     |  |
| 3742.5248       | -57.41           | -13.00           | 44.41       | Vertical     |  |
| 11226.7742      | -44.99           | -13.00           | 31.99       | Vertical     |  |
| 14489.3830      | -42.82           | -13.00           | 29.82       | Vertical     |  |
| 17990.4997      | -33.91           | -13.00           | 20.91       | Vertical     |  |
| 44.2112         | -63.79           | -13.00           | 50.79       | Horizontal   |  |
| 232.7401        | 2.7401 -68.11 -1 |                  | 55.11       | Horizontal   |  |
| 2705.5411       | -36.38           | -13.00           | 23.38       | Horizontal   |  |
| 3742.0247       | -54.07           | -13.00           | 41.07       | Horizontal   |  |
| 9310.7104       | -48.70           | -13.00           | 35.70       | Horizontal   |  |
| 16398.4466      | -38.46           | -13.00           | 25.46       | Horizontal   |  |

### 7.2.2.Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |  |
|-----------------|-------------|------------------|-------------|--------------|--|
| 111.9206        | -64.93      | -13.00           | 51.93       | Vertical     |  |
| 604.5597        | -62.51      | -13.00           | 49.51       | Vertical     |  |



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| 2702.3405  | -37.46 | -13.00 | 24.46 | Vertical   |  |
|------------|--------|--------|-------|------------|--|
| 3702.0234  | -55.12 | -13.00 | 42.12 | Vertical   |  |
| 14494.3831 | -42.84 | -13.00 | 29.84 | Vertical   |  |
| 17990.9997 | -34.36 | -13.00 | 21.36 | Vertical   |  |
| 45.6663    | -64.18 | -13.00 | 51.18 | Horizontal |  |
| 239.6760   | -68.50 | -13.00 | 55.50 | Horizontal |  |
| 2699.9400  | -36.23 | -13.00 | 23.23 | Horizontal |  |
| 3702.0234  | -50.70 | -13.00 | 37.70 | Horizontal |  |
| 9323.2108  | -48.96 | -13.00 | 35.96 | Horizontal |  |
| 16396.9466 | -38.65 | -13.00 | 25.65 | Horizontal |  |

### 7.2.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |  |
|-----------------|-------------|------------------|-------------|--------------|--|
| 111.6781        | -65.28      | -13.00           | 52.28       | Vertical     |  |
| 2693.1386       | -37.80      | -13.00           | 24.80       | Vertical     |  |
| 3782.0261       | -56.68      | -13.00           | 43.68       | Vertical     |  |
| 11346.2782      | -42.37      | -13.00           | 29.37       | Vertical     |  |
| 14445.3815      | -42.98      | -13.00           | 29.98       | Vertical     |  |
| 17999.5000      | -34.70      | -13.00           | 21.70       | Vertical     |  |
| 41.3011         | -64.19      | -13.00           | 51.19       | Horizontal   |  |
| 2582.3165       | -35.04      | -13.00           | 22.04       | Horizontal   |  |
| 3782.0261       | -52.65      | -13.00           | 39.65       | Horizontal   |  |
| 11346.7782      | -46.00      | -13.00           | 33.00       | Horizontal   |  |
| 16380.9460      | -39.27      | -13.00           | 26.27       | Horizontal   |  |
| 17999.5000      | -39.66      | -13.00           | 26.66       | Horizontal   |  |

#### Remark:

- According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Band  | Bandwidth | Modulation | Channel | RB<br>Configure | Voltage<br>[Vdc] | Temper<br>ature<br>(°C) | Deviation<br>(Hz) | Deviation<br>(ppm) | Limit<br>(ppm) | Verdict |
|-------|-----------|------------|---------|-----------------|------------------|-------------------------|-------------------|--------------------|----------------|---------|
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | VL               | NT                      | 5.60              | 0.003011           | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | VN               | NT                      | 5.70              | 0.003065           | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | VH               | NT                      | 2.70              | 0.001452           | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | VL               | NT                      | -15.40            | -0.008191          | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | VN               | NT                      | -9.10             | -0.004840          | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | VH               | NT                      | -15.10            | -0.008032          | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0         | VL               | NT                      | -16.70            | -0.008789          | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0         | VN               | NT                      | -4.00             | -0.002105          | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0         | VH               | NT                      | 3.70              | 0.001947           | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0         | VL               | NT                      | -12.60            | -0.006774          | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0         | VN               | NT                      | -8.30             | -0.004462          | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0         | VH               | NT                      | 4.40              | 0.002366           | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0         | VL               | NT                      | 6.00              | 0.003191           | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0         | VN               | NT                      | -13.20            | -0.007021          | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0         | VH               | NT                      | -0.70             | -0.000372          | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0         | VL               | NT                      | -11.50            | -0.006053          | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0         | VN               | NT                      | -12.70            | -0.006684          | ±2.5           | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0         | VH               | NT                      | -12.20            | -0.006421          | ±2.5           | PASS    |

## 8.2. Frequency Vs Temperature

| Band  | Bandwidth | Modulation | Channel | RB<br>Configure | Voltage<br>[Vdc] | Temper<br>ature<br>(°C) | Deviation<br>(Hz) | Deviation (ppm) | Limit<br>(ppm) | Verdict |
|-------|-----------|------------|---------|-----------------|------------------|-------------------------|-------------------|-----------------|----------------|---------|
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | -30                     | 6.70              | 0.003602        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | -20                     | -8.30             | -0.004462       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | 0                       | 0.50              | 0.000269        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | 10                      | -10.20            | -0.005484       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | 20                      | -12.20            | -0.006559       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | 30                      | 0.50              | 0.000269        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | 40                      | -11.60            | -0.006237       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0         | NV               | 50                      | 4.80              | 0.002581        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | -30                     | -14.20            | -0.007553       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | -20                     | 2.40              | 0.001277        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | 0                       | -4.60             | -0.002447       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | 10                      | -12.10            | -0.006436       | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | 20                      | 3.80              | 0.002021        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | 30                      | 0.70              | 0.000372        | ±2.5           | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0         | NV               | 40                      | -10.30            | -0.005479       | ±2.5           | PASS    |



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|       |       | •     |       |         |    |     |        | ,         |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | NV | 50  | -5.10  | -0.002713 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | -30 | 0.30   | 0.000158  | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | -20 | 5.40   | 0.002842  | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | 0   | -13.50 | -0.007105 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | 10  | 2.30   | 0.001211  | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | 20  | 2.60   | 0.001368  | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | 30  | 5.10   | 0.002684  | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | 40  | 4.50   | 0.002368  | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | NV | 50  | -17.00 | -0.008947 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | -30 | -15.40 | -0.008280 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | -20 | 5.90   | 0.003172  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | 0   | 5.40   | 0.002903  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | 10  | -4.20  | -0.002258 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | 20  | 8.50   | 0.004570  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | 30  | 8.90   | 0.004785  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | 40  | -7.50  | -0.004032 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | NV | 50  | 8.50   | 0.004570  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | -30 | -16.00 | -0.008511 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | -20 | 2.70   | 0.001436  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 0   | -3.90  | -0.002074 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 10  | -7.10  | -0.003777 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 20  | -13.50 | -0.007181 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 30  | -3.10  | -0.001649 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 40  | -0.40  | -0.000213 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 50  | 0.70   | 0.000372  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | -30 | -9.00  | -0.004737 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | -20 | 3.20   | 0.001684  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | 0   | -5.20  | -0.002737 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | 10  | -16.90 | -0.008895 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | 20  | -12.90 | -0.006789 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | 30  | 8.30   | 0.004368  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | 40  | -2.10  | -0.001105 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | NV | 50  | 3.50   | 0.001842  | ±2.5 | PASS |



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