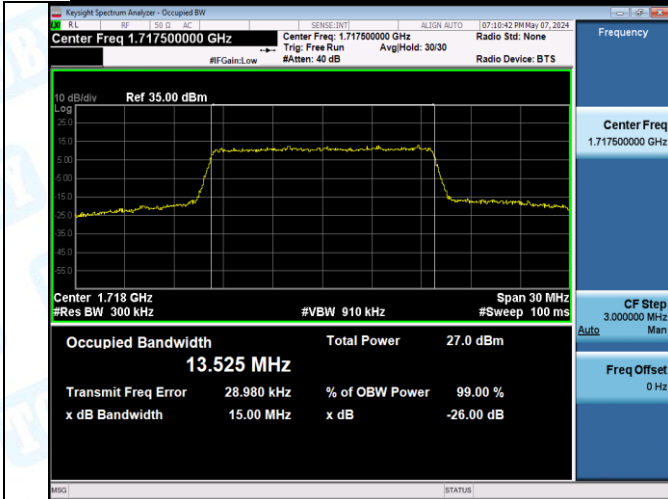
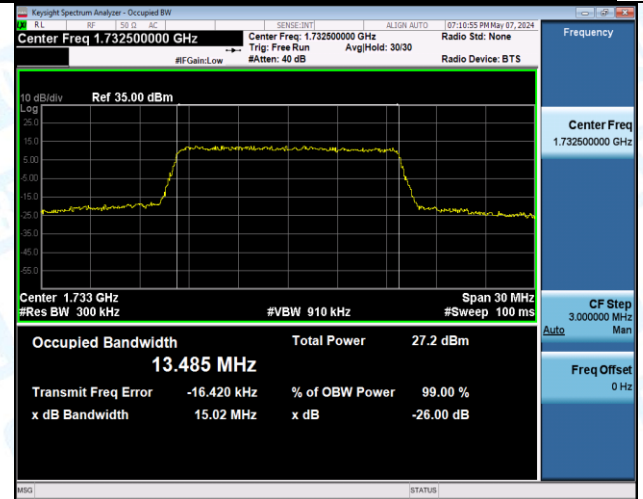
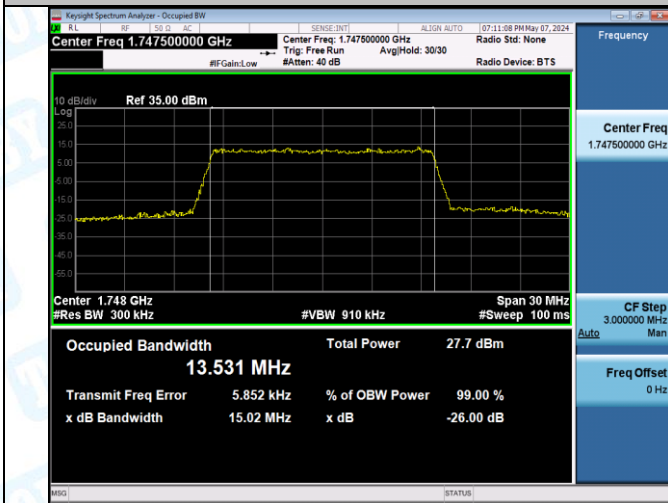




Band4-15MHz-QPSK-20325-75RB#0-PASS



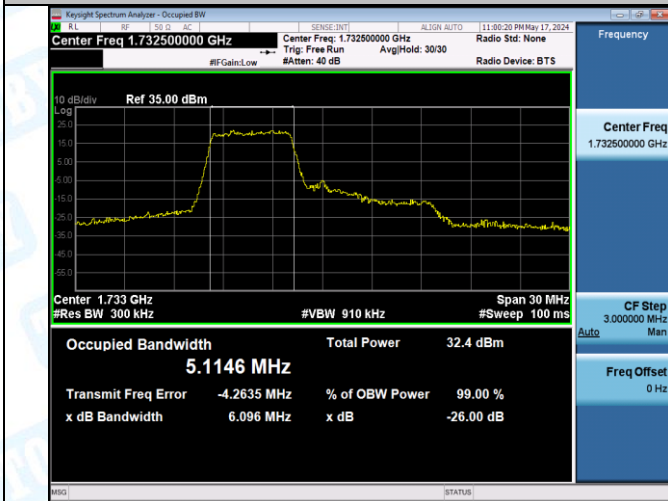
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Band4-15MHz-16QAM-20175-27RB#0-PASS



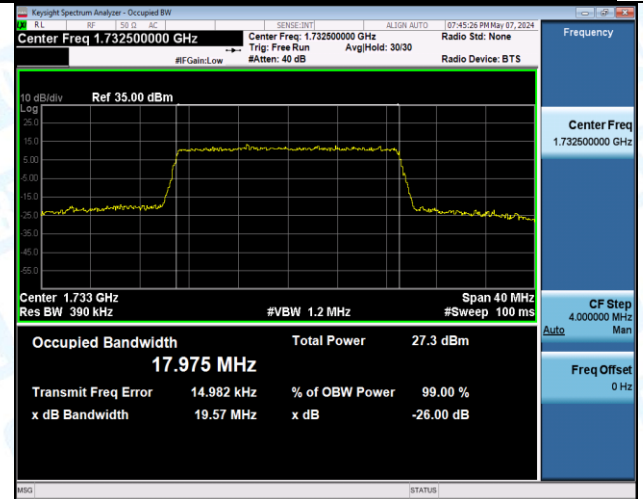
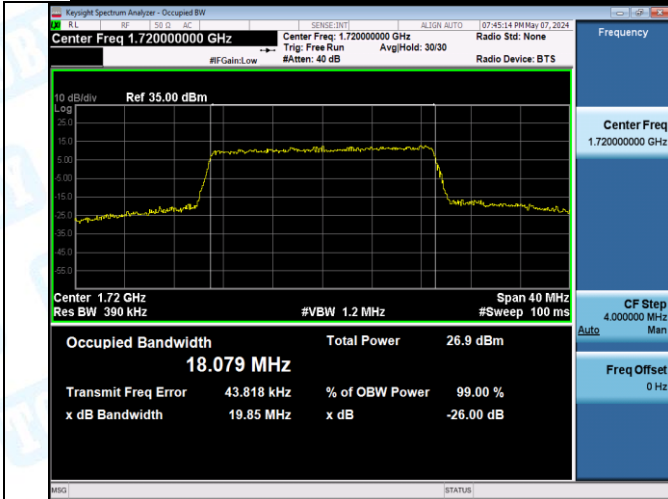
Band4-15MHz-16QAM-20325-27RB#0-PASS



Band4-20MHz-QPSK-20050-100RB#0-PASS

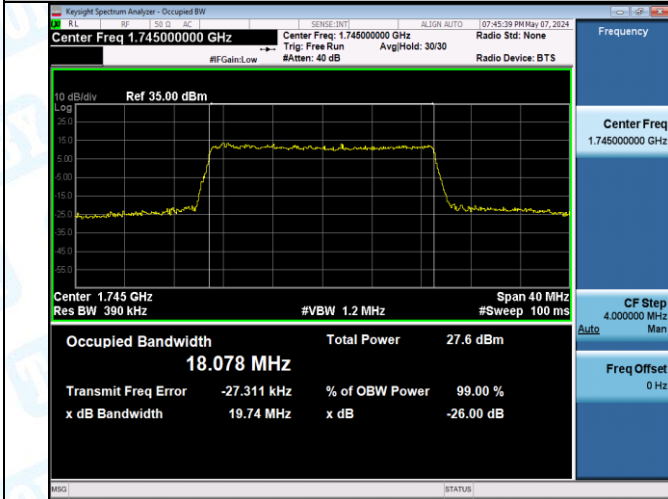


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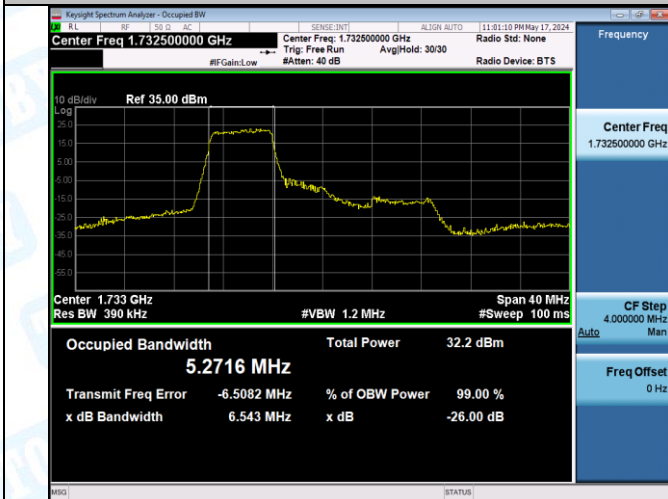
Band4-20MHz-QPSK-20300-100RB#0-PASS

Band4-20MHz-16QAM-20050-27RB#0-PASS



Band4-20MHz-16QAM-20175-27RB#0-PASS

Band4-20MHz-16QAM-20300-27RB#0-PASS



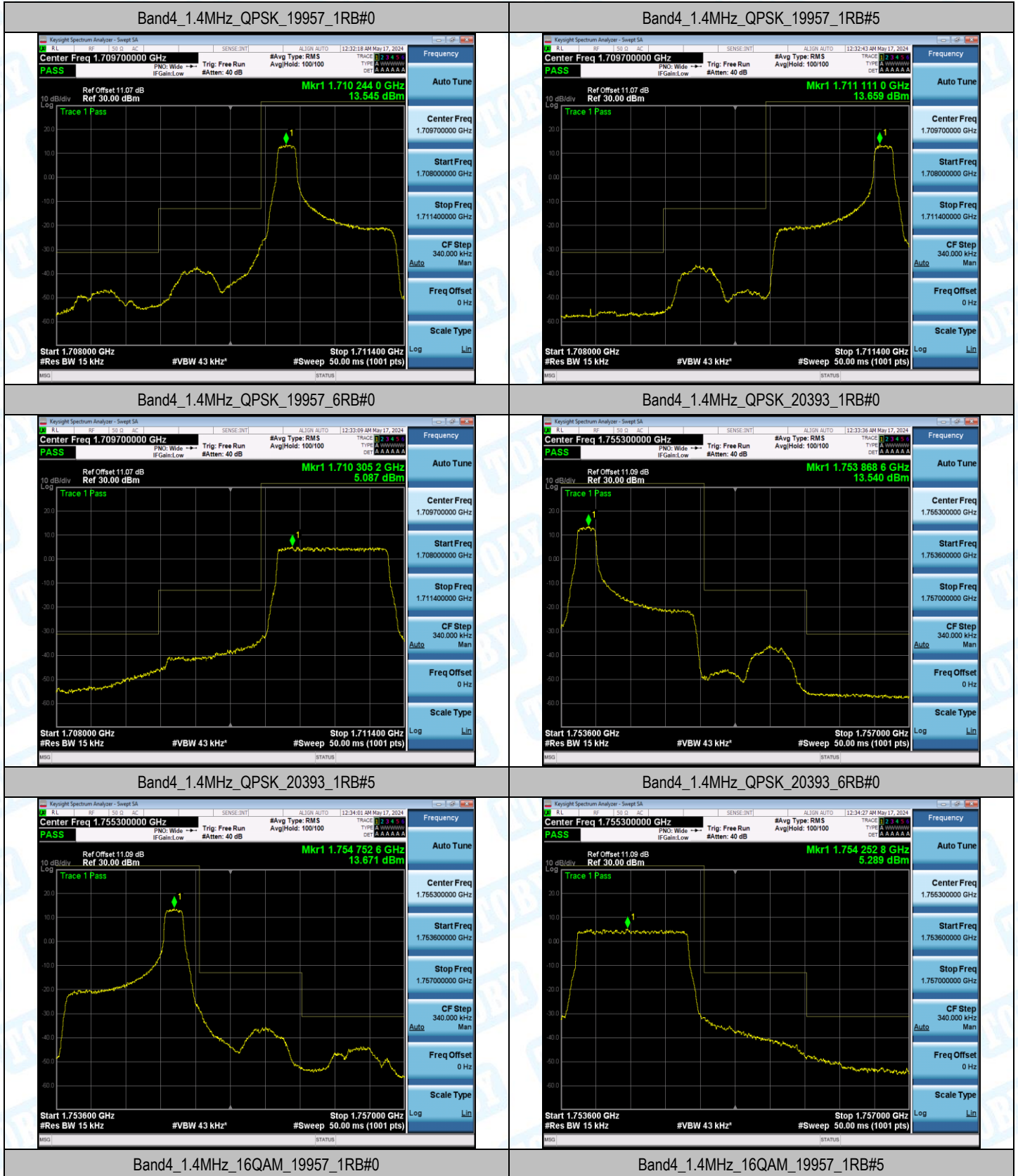
## 4: Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Level_dBm | Margin | Verdict |
|-------|-----------|------------|---------|------------------|-----------|--------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | -27.91    | 14.91  | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | -36.46    | 23.46  | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | -45.75    | 14.55  | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | -35.77    | 22.77  | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | -43.84    | 12.64  | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | -47.36    | 16.16  | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | -28.00    | 15.00  | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | -53.69    | 22.49  | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | -46.30    | 15.10  | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | -54.28    | 23.08  | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | -43.51    | 12.31  | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | -47.88    | 16.68  | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | -14.37    | 1.37   | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#14           | -40.91    | 12.71  | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | -24.04    | 11.04  | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | -41.57    | 13.37  | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#14           | -14.85    | 1.85   | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | -38.39    | 10.19  | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | -14.89    | 1.89   | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#14           | -42.64    | 14.44  | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | -40.04    | 11.84  | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | -42.24    | 14.04  | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#14           | -17.79    | 4.79   | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | -40.44    | 12.24  | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | -20.38    | 7.38   | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#24           | -43.48    | 17.58  | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | -38.67    | 12.77  | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | -42.08    | 16.18  | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#24           | -19.69    | 6.69   | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | -38.04    | 12.14  | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | -21.60    | 8.60   | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#24           | -44.93    | 19.03  | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | -39.41    | 13.51  | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | -43.58    | 17.68  | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#24           | -21.39    | 8.39   | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | -39.07    | 13.17  | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | -23.81    | 10.81  | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#49           | -49.52    | 26.52  | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | -40.11    | 17.11  | PASS    |

|       |       |       |       |         |        |       |      |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | -49.77 | 26.77 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | -22.50 | 9.50  | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | -39.16 | 16.16 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | -24.20 | 11.20 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | -49.65 | 26.65 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | -49.73 | 26.73 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | -23.69 | 10.69 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | -22.61 | 9.61  | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | -48.25 | 27.05 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | -38.90 | 17.70 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | -47.79 | 26.59 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | -22.81 | 9.81  | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | -36.17 | 14.97 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | -22.69 | 9.69  | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | -48.27 | 27.07 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | -47.92 | 26.72 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | -23.29 | 10.29 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | -26.77 | 13.77 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | -47.29 | 27.29 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | -38.96 | 18.96 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | -27.69 | 14.69 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | -25.25 | 12.25 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | -36.74 | 16.74 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | -26.31 | 13.31 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | -47.33 | 27.33 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | -28.49 | 15.49 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | -25.66 | 12.66 | PASS |

## Test Graphs

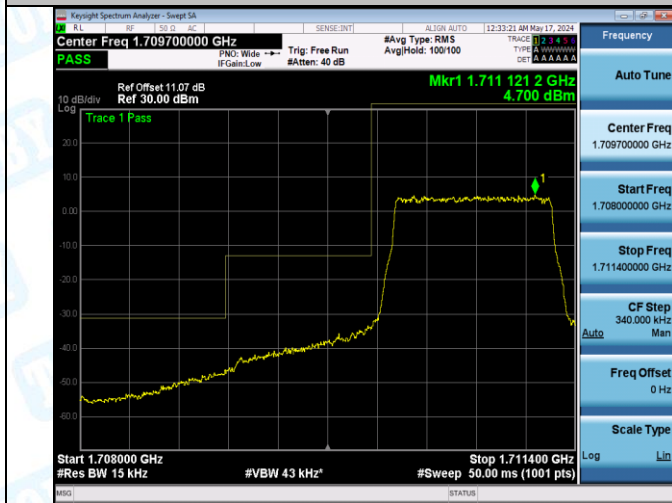




Band4\_1.4MHz\_16QAM\_19957\_6RB#0



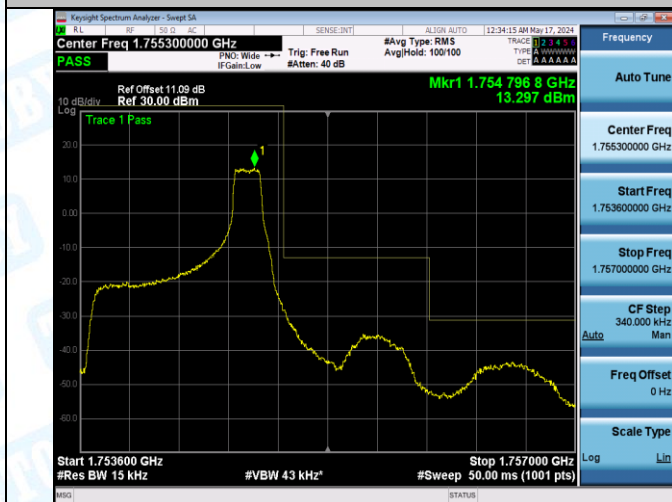
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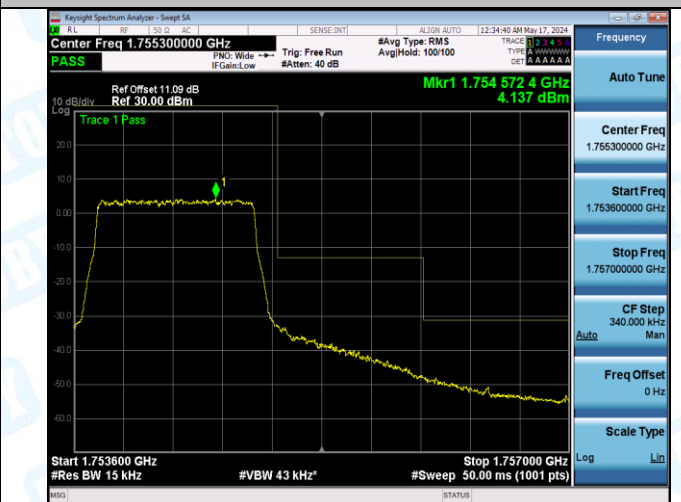
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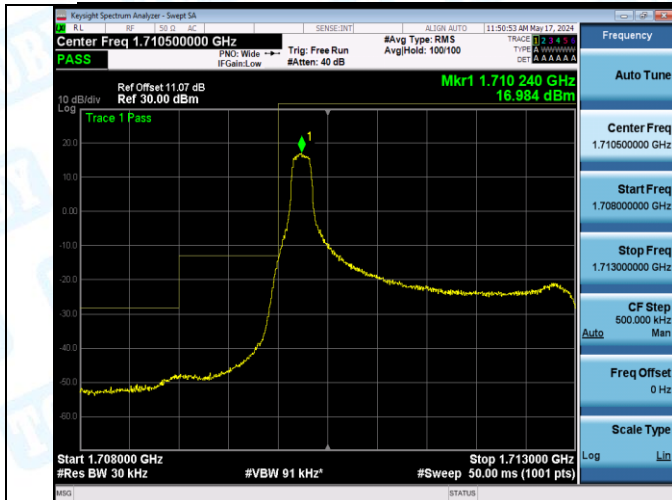
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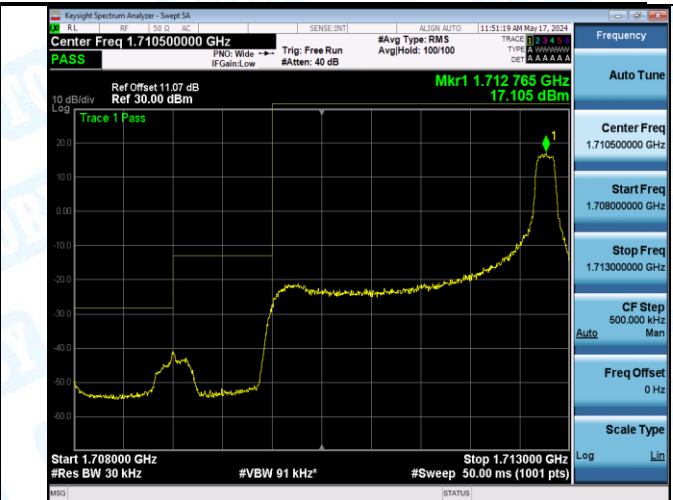
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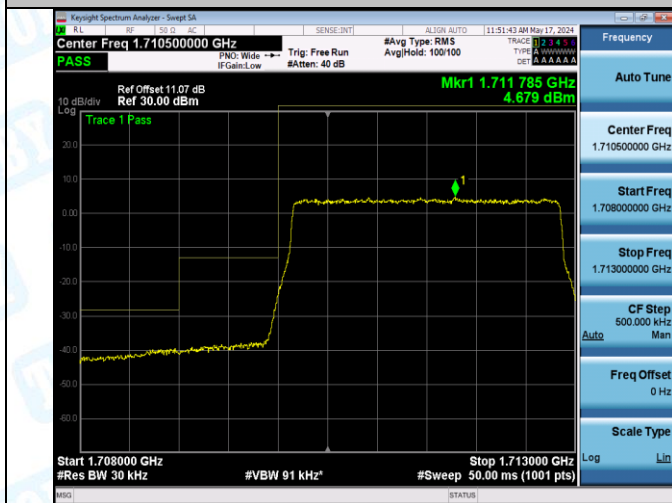
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Band4\_3MHz\_QPSK\_19965\_15RB#0



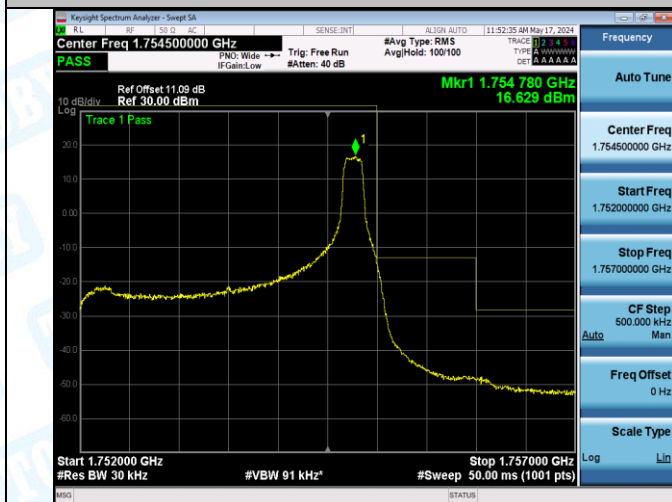
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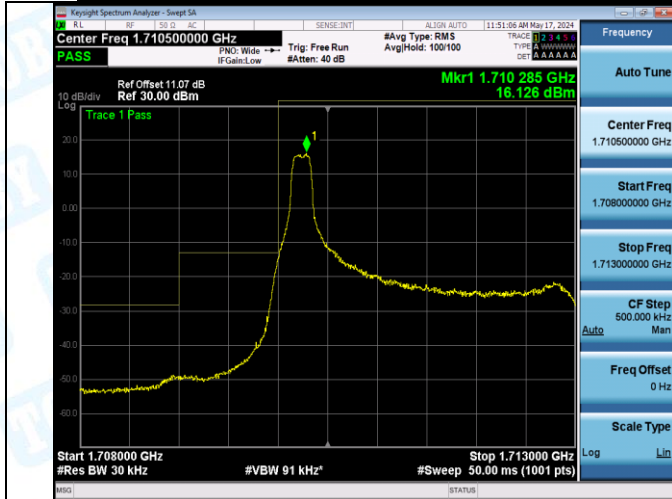
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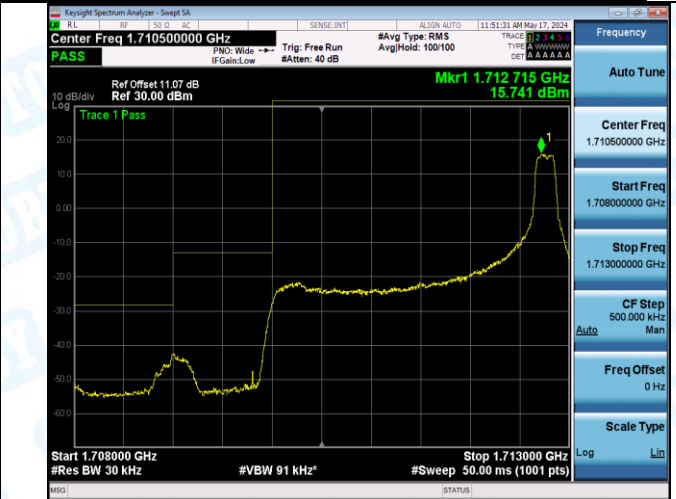
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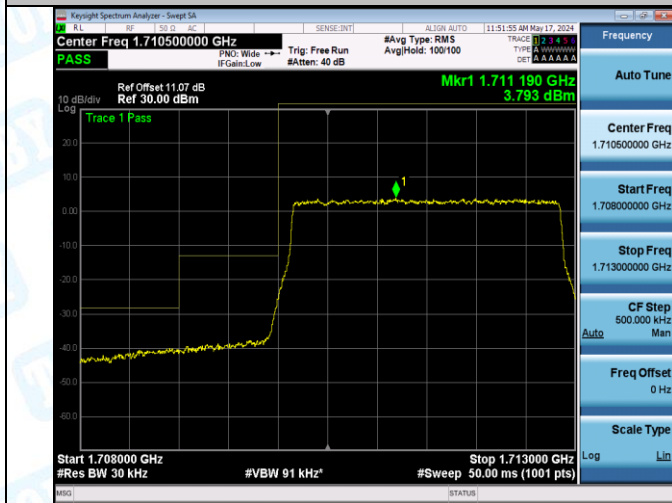
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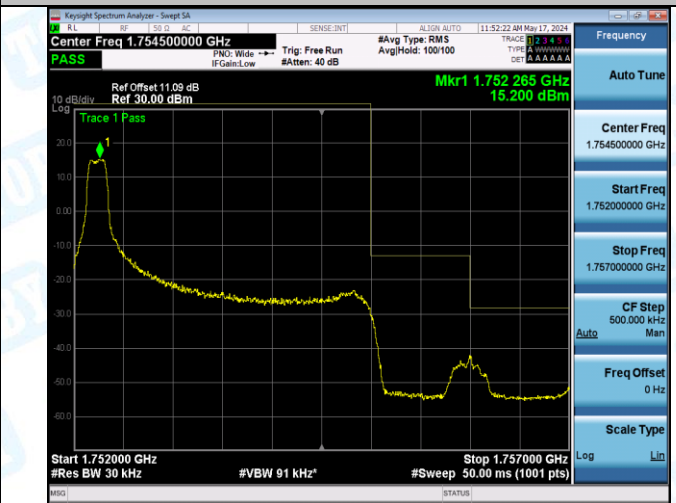
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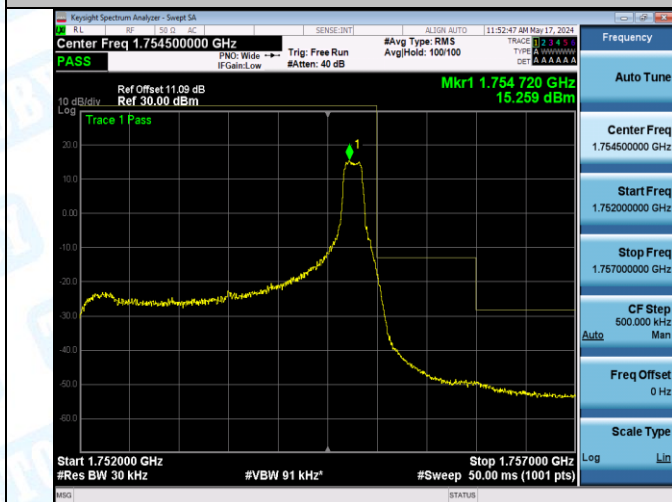
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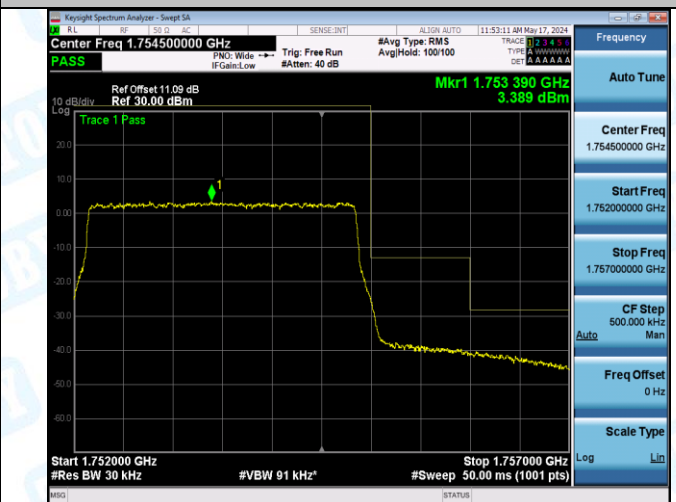
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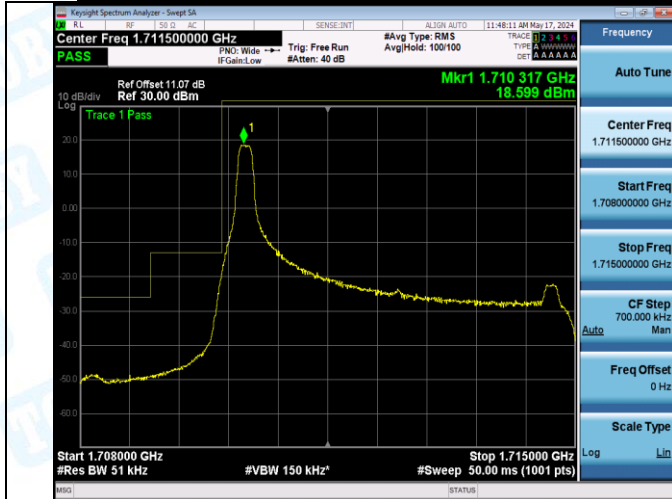
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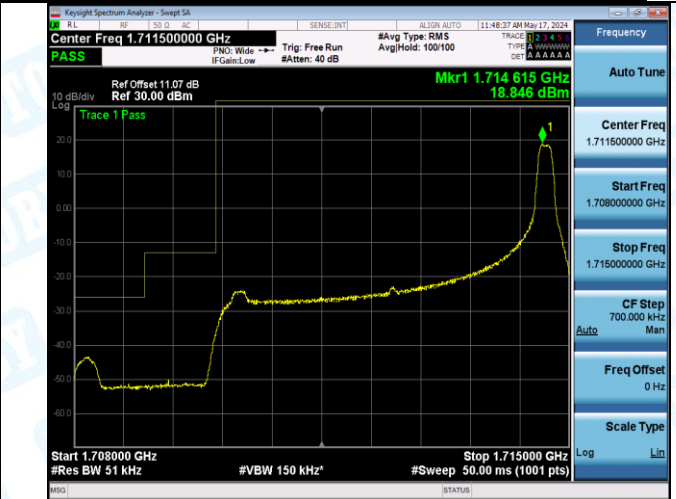
Band4\_5MHz\_QPSK\_19975\_1RB#0



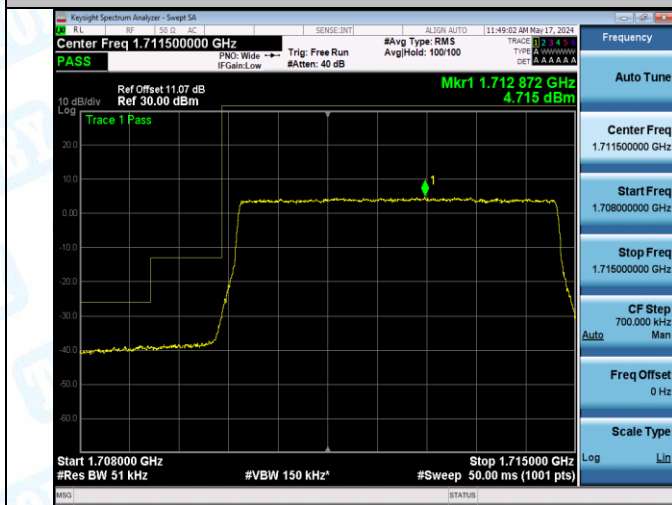
Band4\_5MHz\_QPSK\_19975\_1RB#24



Band4\_5MHz\_QPSK\_19975\_25RB#0



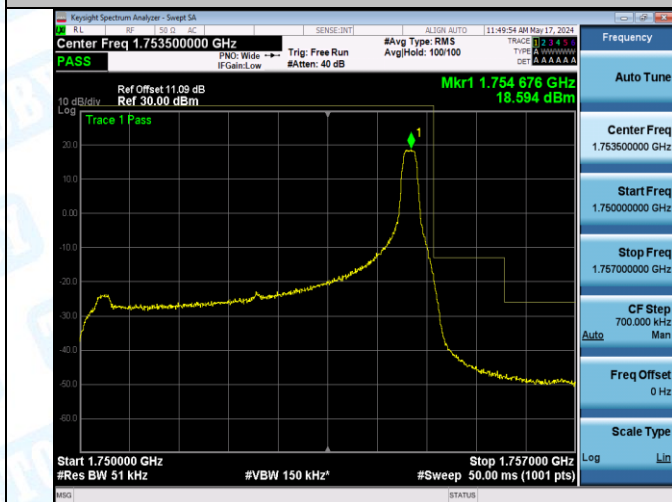
Band4\_5MHz\_QPSK\_20375\_1RB#0



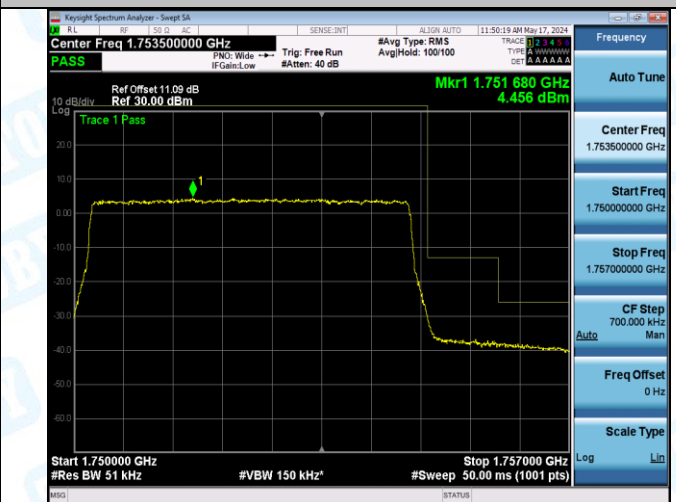
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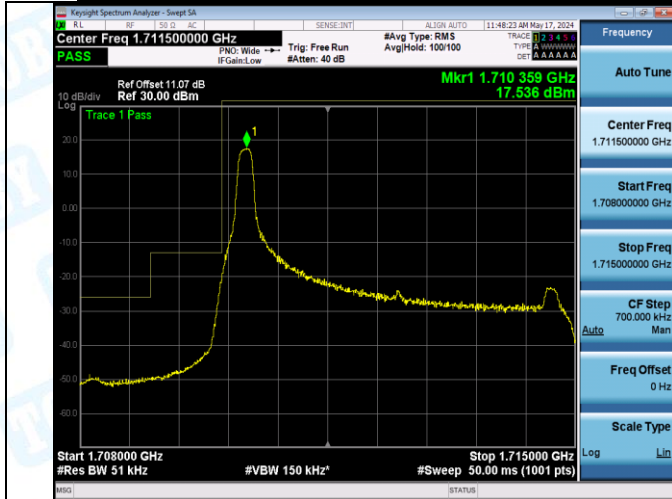
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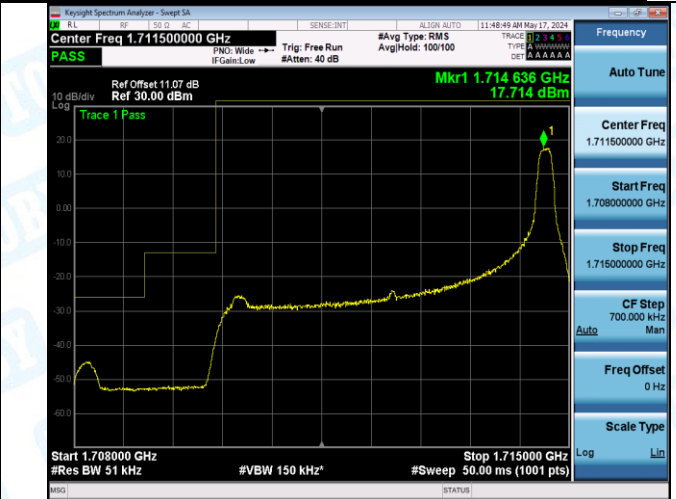
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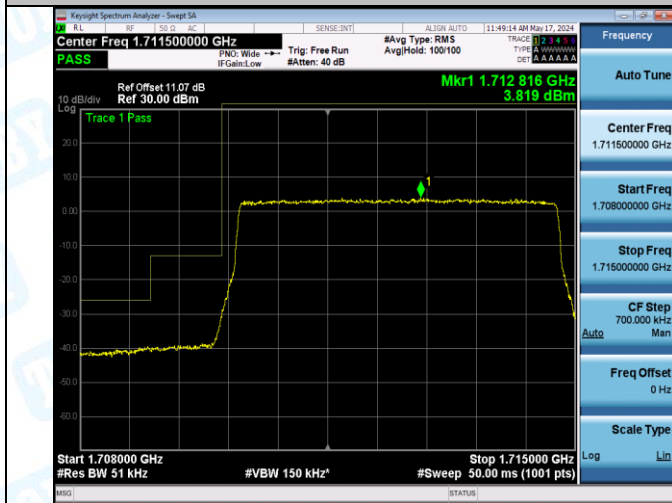
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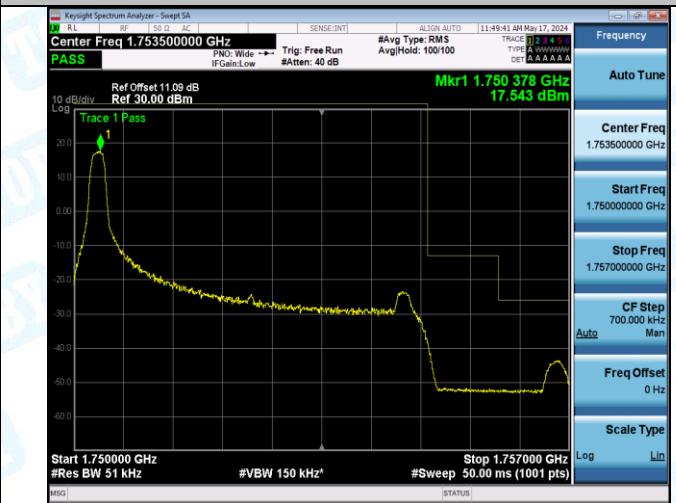
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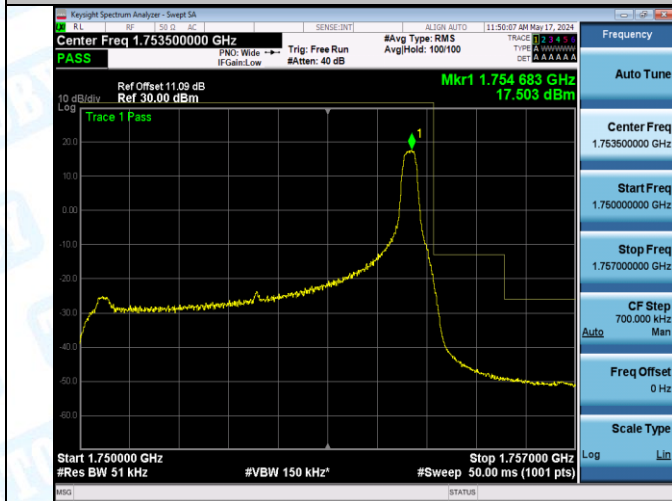
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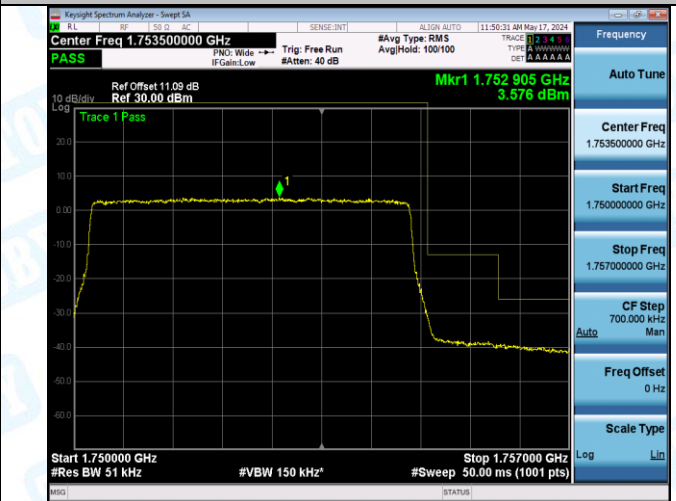
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Band4\_5MHz\_16QAM\_20375\_25RB#0



Band4\_10MHz\_QPSK\_20000\_1RB#0



Band4\_10MHz\_QPSK\_20000\_1RB#49