



## D.5 Conducted Spurious Emission

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 0.009~0.15      | -69.16       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 0.15~30         | -61.01       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 30~1000         | -62.32       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 1000~20000      | -33.43       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 20000~27000     | -35.59       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 0.009~0.15      | -65.74       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 0.15~30         | -61.09       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 30~1000         | -61.96       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 1000~20000      | -32.92       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 20000~27000     | -35.43       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 0.009~0.15      | -68.21       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 0.15~30         | -62.70       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 30~1000         | -62.21       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 1000~20000      | -33.56       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 20000~27000     | -35.37       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 0.009~0.15      | -65.85       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 0.15~30         | -62.80       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 30~1000         | -62.29       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 1000~20000      | -33.38       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 20000~27000     | -35.54       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 0.009~0.15      | -67.55       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 0.15~30         | -60.55       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 30~1000         | -62.25       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 1000~20000      | -33.21       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 20000~27000     | -35.27       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 0.009~0.15      | -67.75       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 0.15~30         | -63.48       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 30~1000         | -62.51       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 1000~20000      | -33.25       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 20000~27000     | -35.48       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 0.009~0.15      | -70.15       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 0.15~30         | -62.87       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 30~1000         | -62.05       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 1000~20000      | -32.76       | PASS    |



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|       |       |       |       |       |             |        |      |
|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0 | 20000~27000 | -35.33 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 0.009~0.15  | -66.35 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 0.15~30     | -61.33 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 30~1000     | -62.24 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 1000~20000  | -33.16 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 20000~27000 | -35.39 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -68.26 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -61.63 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -62.07 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -32.86 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.36 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -68.88 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -62.44 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.16 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.26 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.21 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 0.009~0.15  | -67.24 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 0.15~30     | -61.10 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 30~1000     | -61.92 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 1000~20000  | -33.40 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 20000~27000 | -35.54 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 0.009~0.15  | -65.70 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 0.15~30     | -63.03 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 30~1000     | -62.22 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 1000~20000  | -33.39 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 20000~27000 | -35.20 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 0.009~0.15  | -67.25 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 0.15~30     | -63.48 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 30~1000     | -62.10 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 1000~20000  | -32.62 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 20000~27000 | -34.81 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 0.009~0.15  | -67.88 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 0.15~30     | -62.43 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 30~1000     | -62.37 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 1000~20000  | -32.91 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 20000~27000 | -35.09 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -69.10 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -61.99 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -62.19 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -32.53 | PASS |





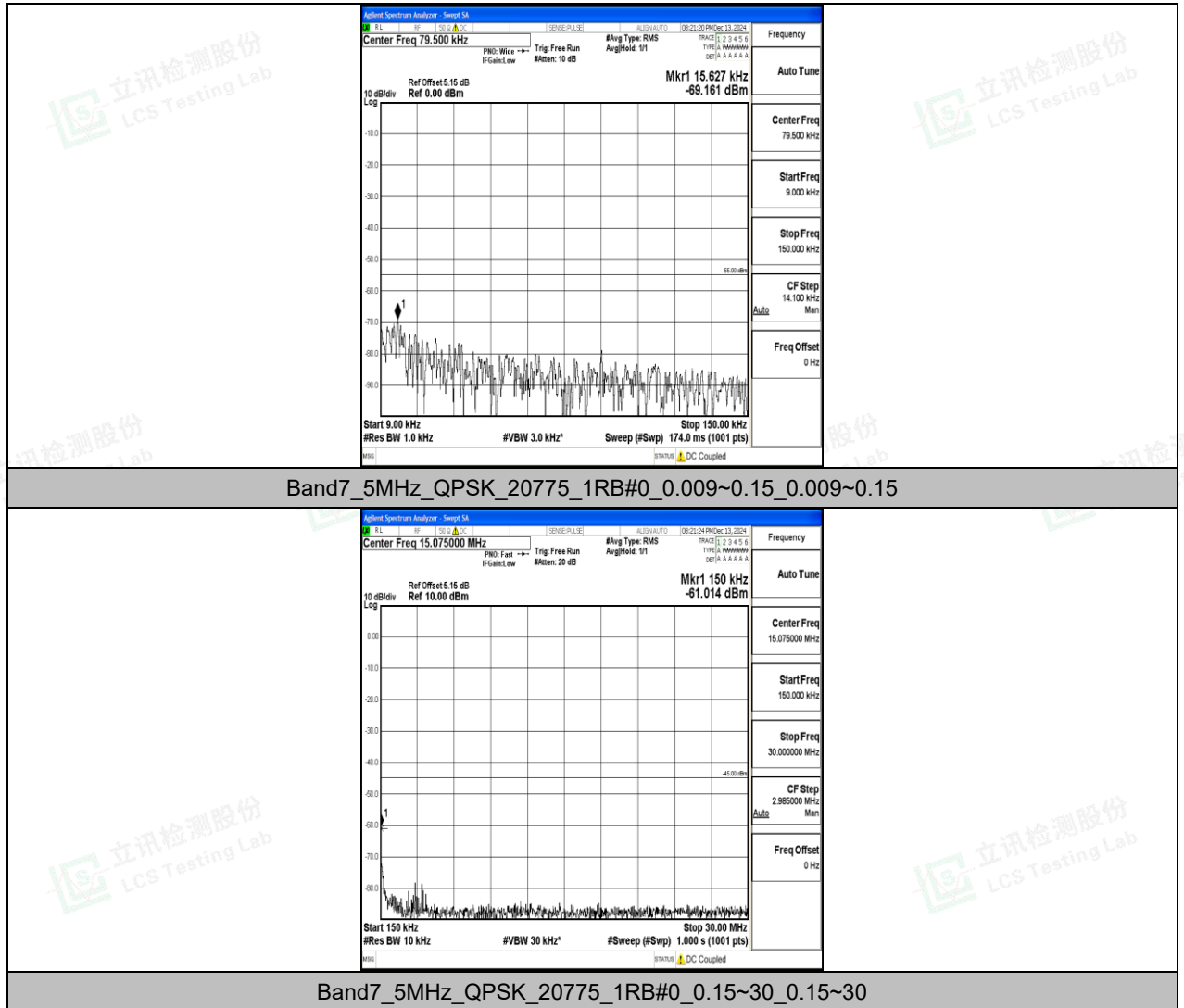
|       |       |       |       |       |             |        |      |
|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.26 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -66.99 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -60.92 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.31 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.09 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.43 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 0.009~0.15  | -68.70 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 0.15~30     | -61.41 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 30~1000     | -62.11 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 1000~20000  | -33.19 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 20000~27000 | -34.92 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 0.009~0.15  | -68.25 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 0.15~30     | -61.19 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 30~1000     | -62.37 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 1000~20000  | -33.38 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 20000~27000 | -35.36 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 0.009~0.15  | -65.96 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 0.15~30     | -63.61 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 30~1000     | -61.87 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 1000~20000  | -33.01 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 20000~27000 | -35.43 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 0.009~0.15  | -68.13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 0.15~30     | -60.19 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 30~1000     | -62.11 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 1000~20000  | -32.66 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 20000~27000 | -34.89 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -67.82 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -59.99 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -61.74 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -33.50 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.57 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -68.82 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -61.92 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.28 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.44 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.25 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 0.009~0.15  | -67.85 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 0.15~30     | -62.57 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 30~1000     | -62.16 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 1000~20000  | -33.46 | PASS |



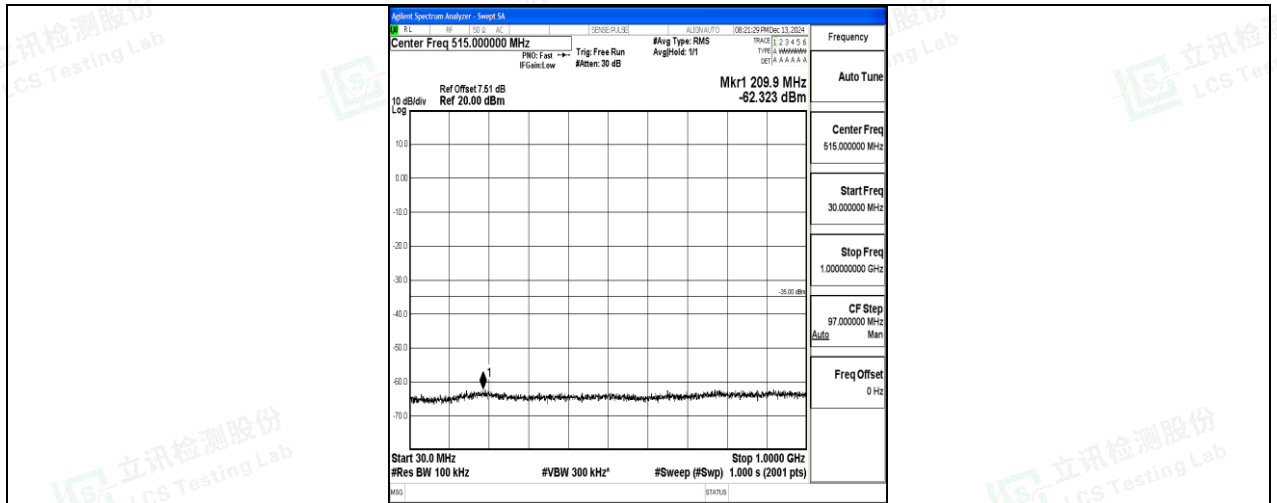


|       |       |       |       |       |             |        |      |
|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 20000~27000 | -35.28 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 0.009~0.15  | -65.55 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 0.15~30     | -62.08 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 30~1000     | -62.24 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 1000~20000  | -32.95 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 20000~27000 | -35.34 | PASS |

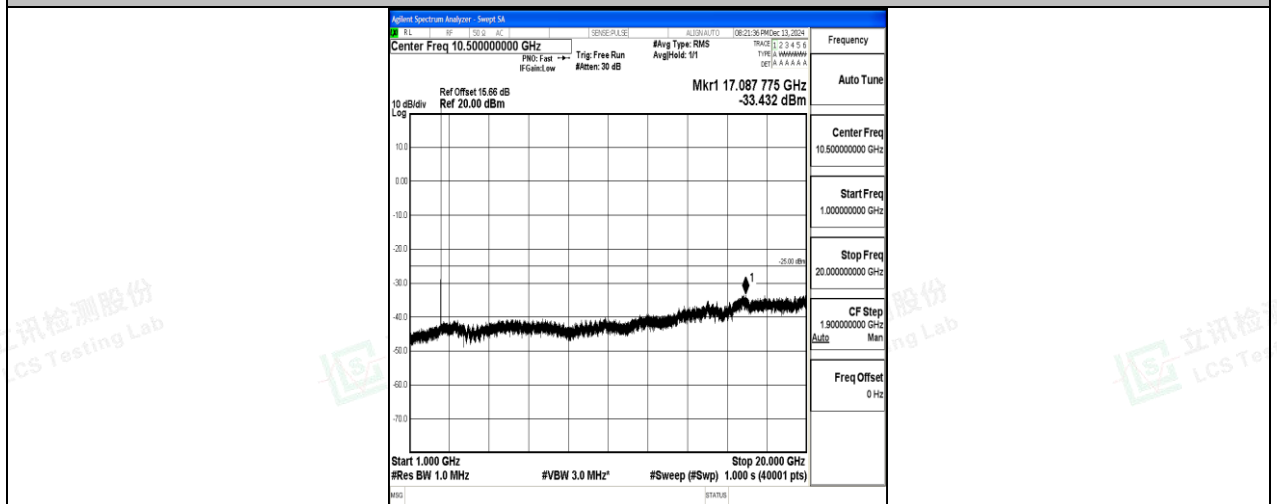
## Test Graphs



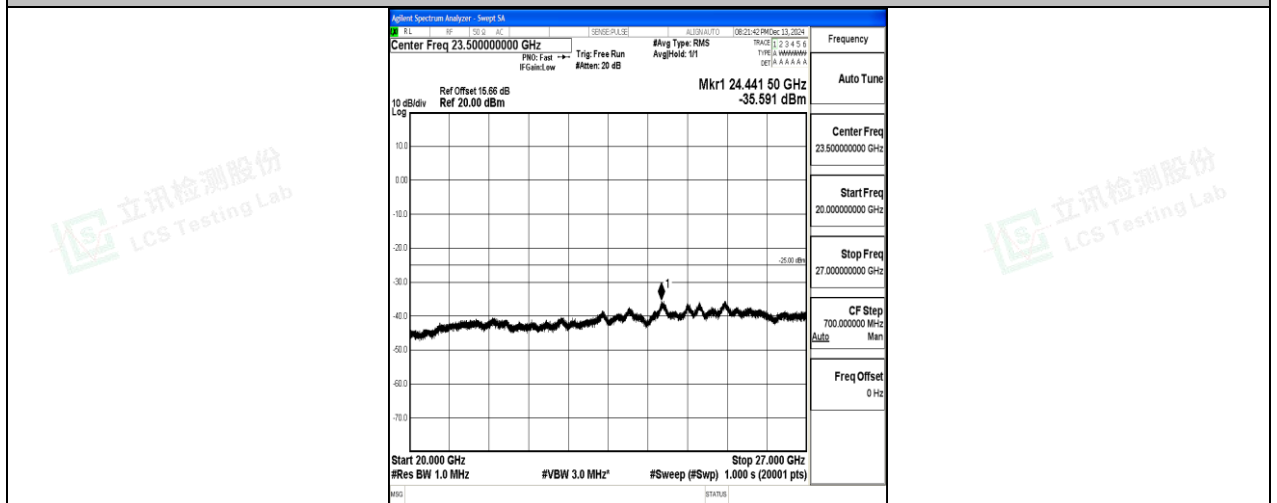
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



Band7\_5MHz\_QPSK\_20775\_1RB#0\_30~1000\_30~1000

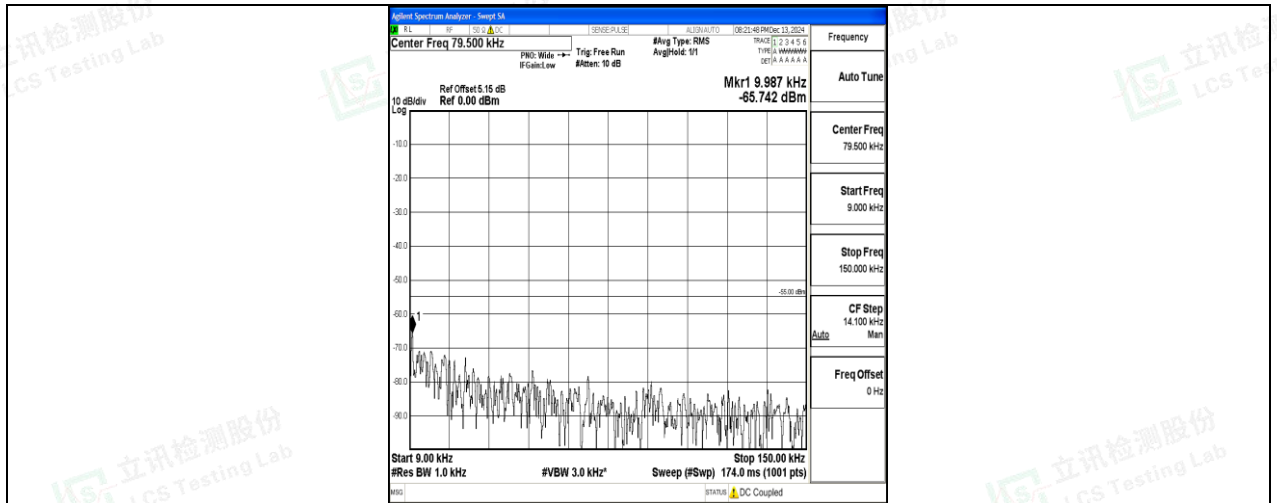


Band7\_5MHz\_QPSK\_20775\_1RB#0\_1000~20000\_1000~20000

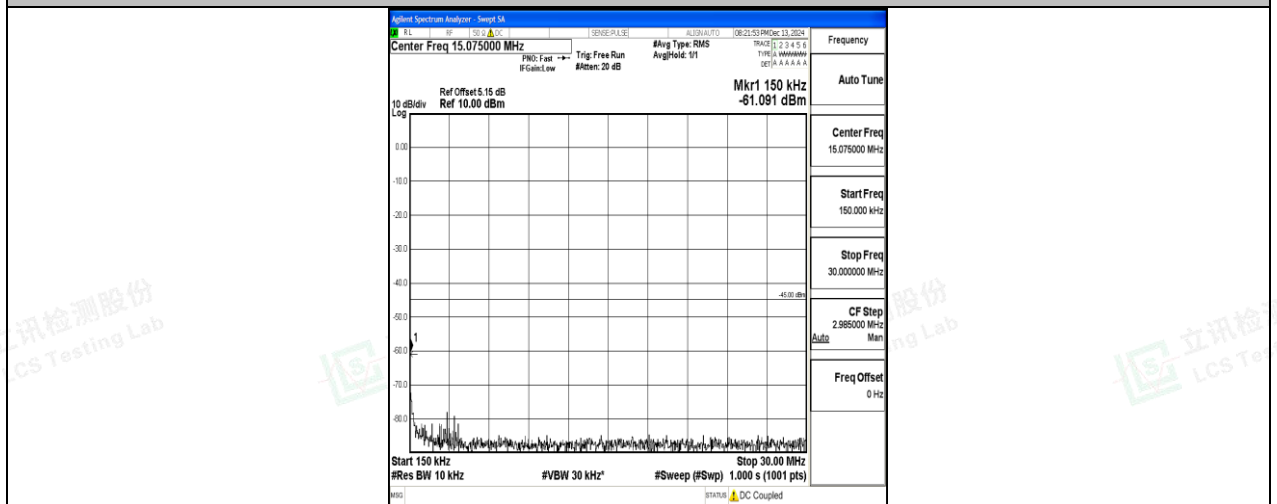


Band7\_5MHz\_QPSK\_20775\_1RB#0\_20000~27000\_20000~27000

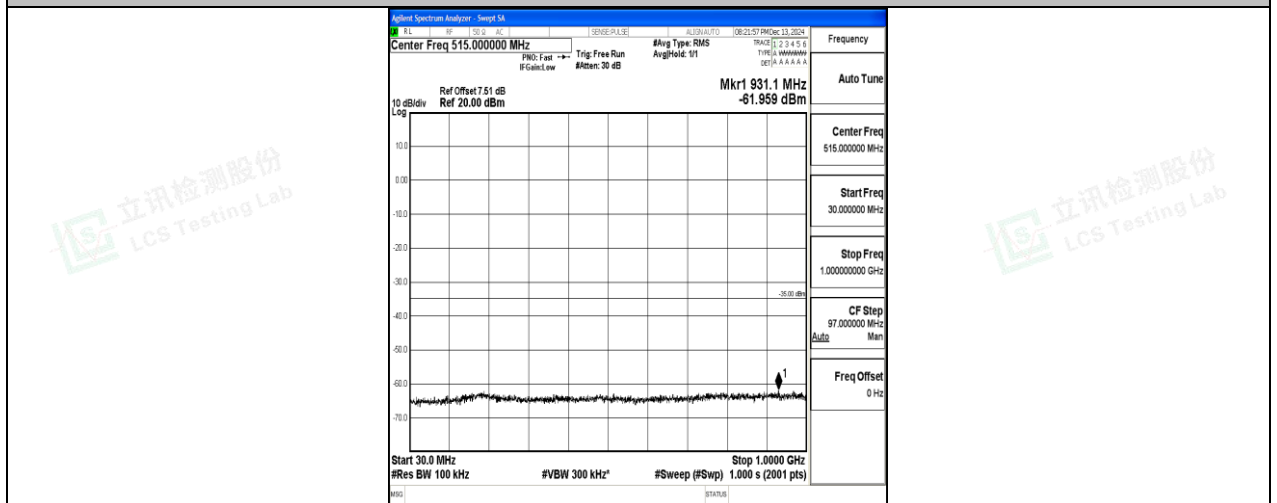




Band7\_5MHz\_16QAM\_20775\_1RB#0\_0.009~0.15\_0.009~0.15

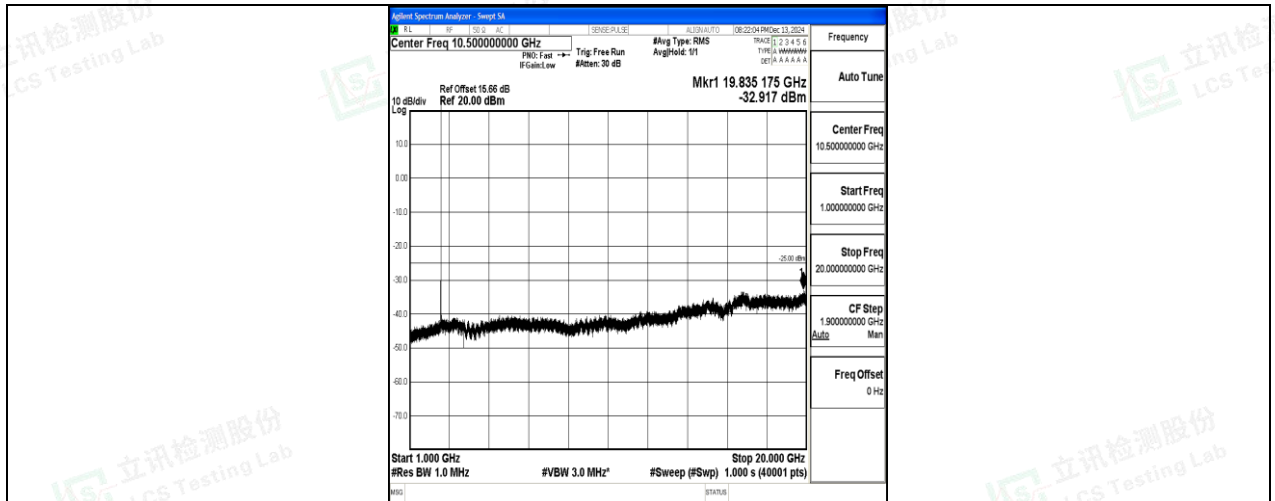


Band7\_5MHz\_16QAM\_20775\_1RB#0\_0.15~30\_0.15~30

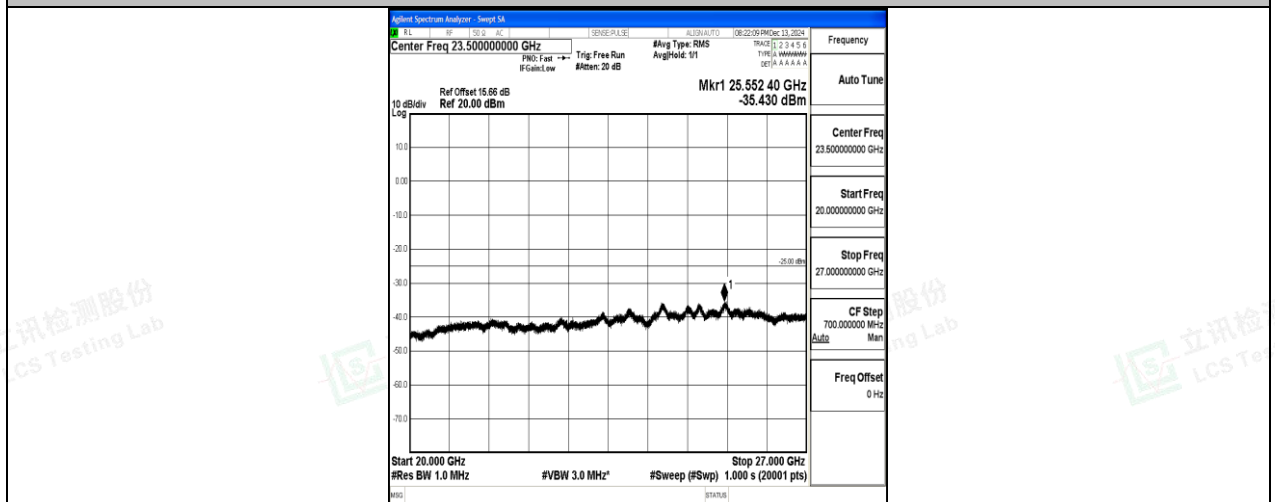


Band7\_5MHz\_16QAM\_20775\_1RB#0\_30~1000\_30~1000

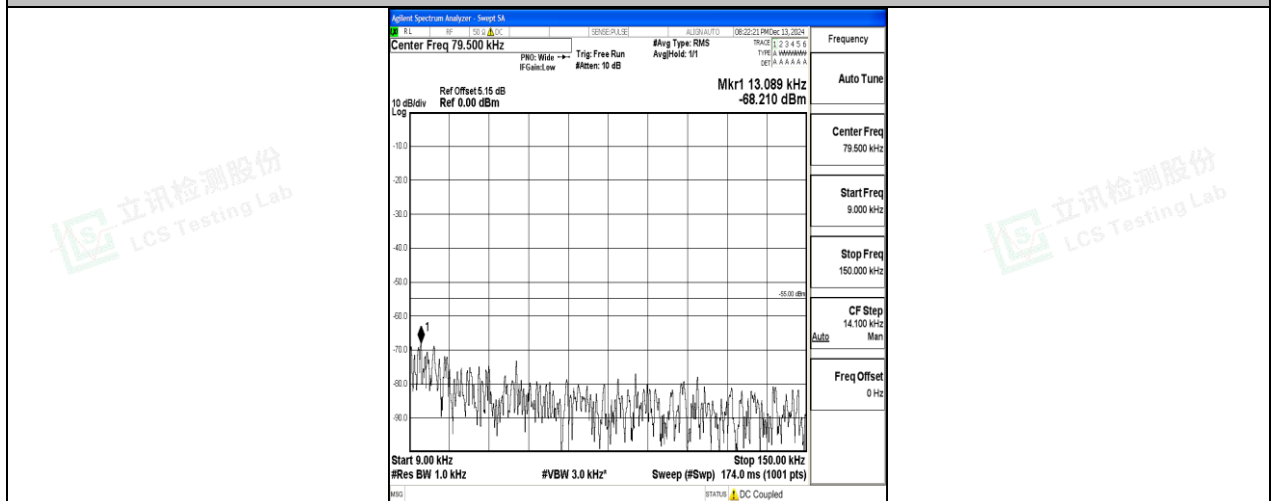




Band7\_5MHz\_16QAM\_20775\_1RB#0\_1000~20000\_1000~20000

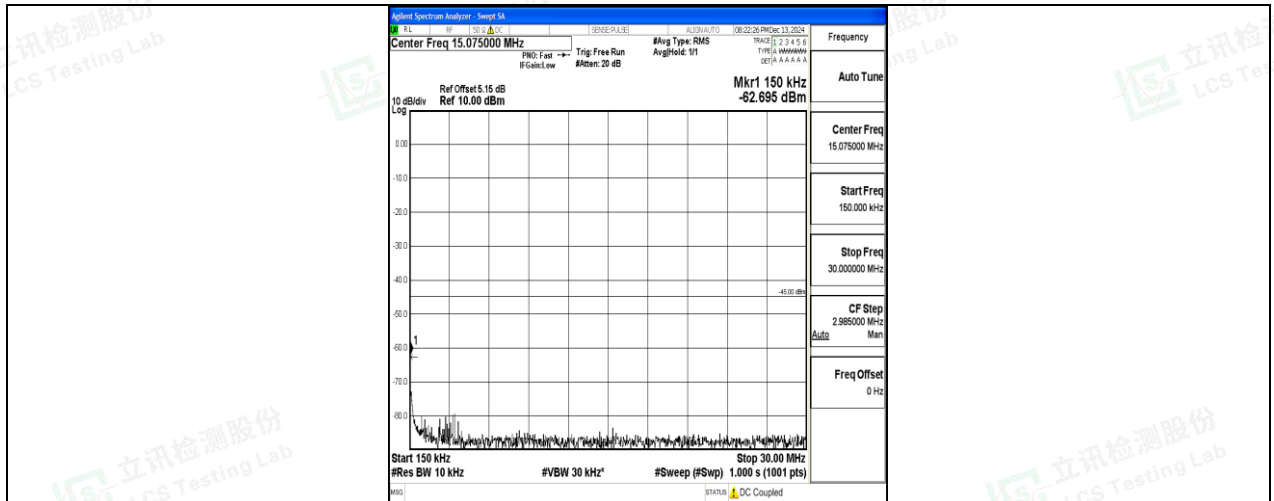


Band7\_5MHz\_16QAM\_20775\_1RB#0\_20000~27000\_20000~27000

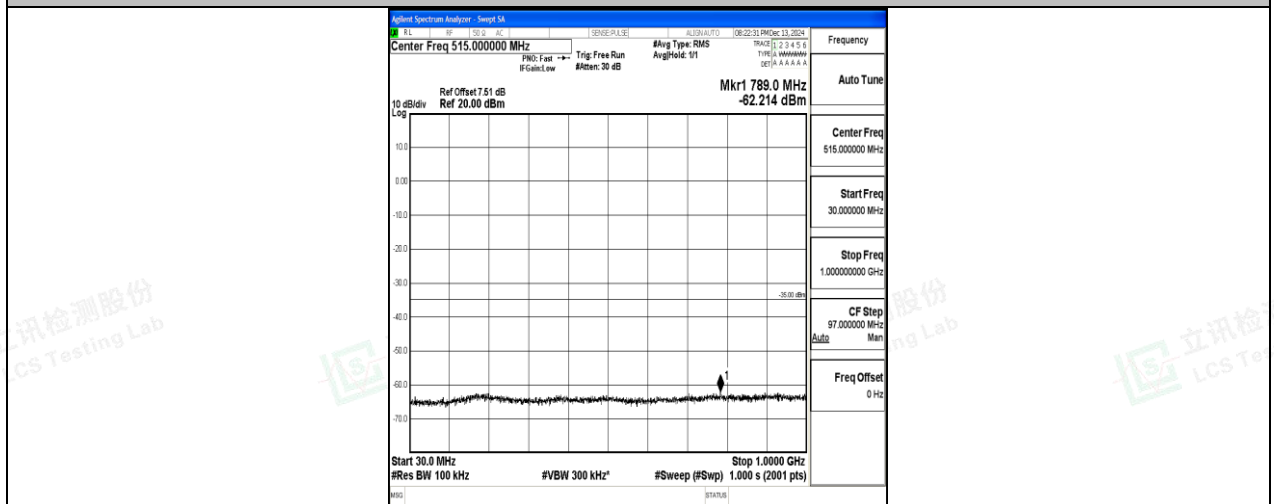


Band7\_5MHz\_QPSK\_21100\_1RB#0\_0.009~0.15\_0.009~0.15

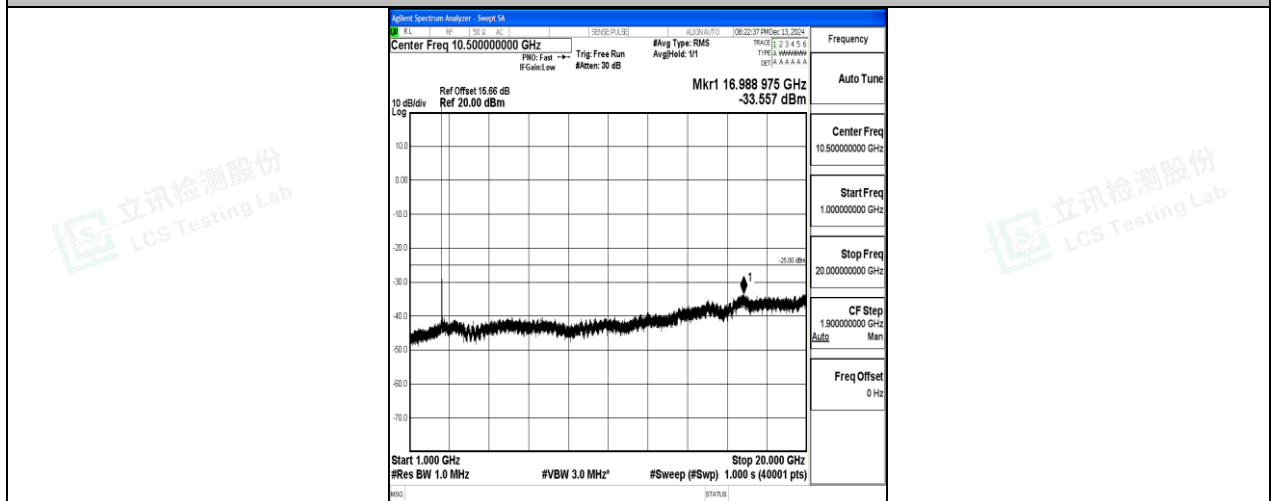




Band7\_5MHz\_QPSK\_21100\_1RB#0\_0.15~30\_0.15~30

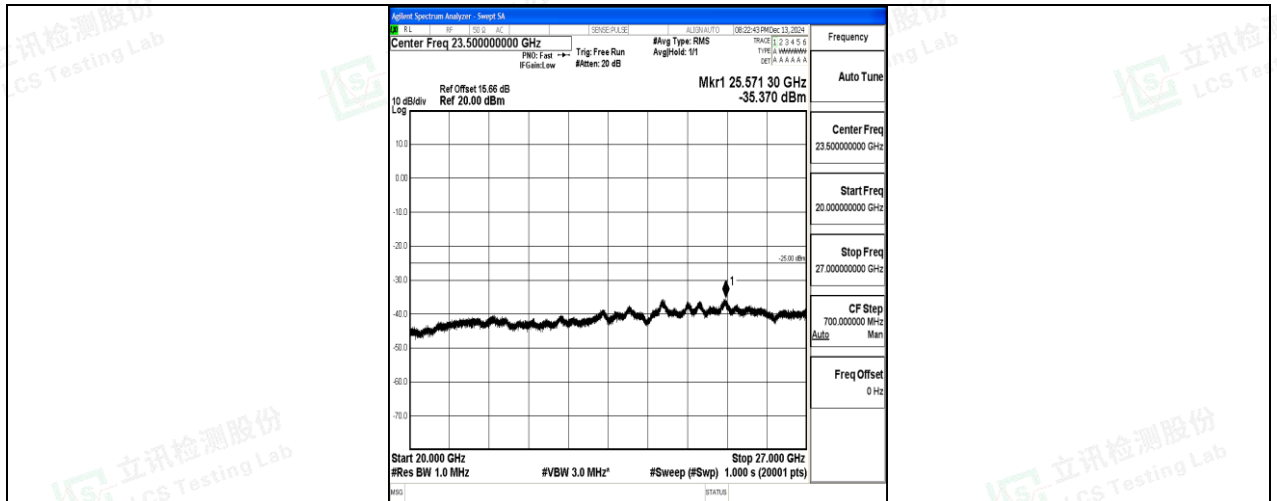


Band7\_5MHz\_QPSK\_21100\_1RB#0\_30~1000\_30~1000

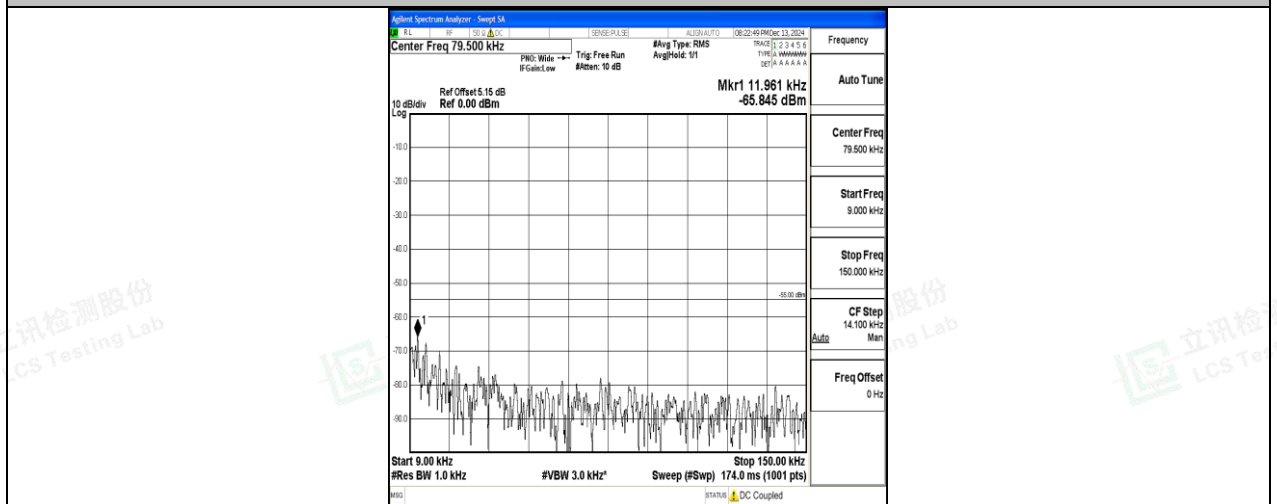


Band7\_5MHz\_QPSK\_21100\_1RB#0\_1000~20000\_1000~20000

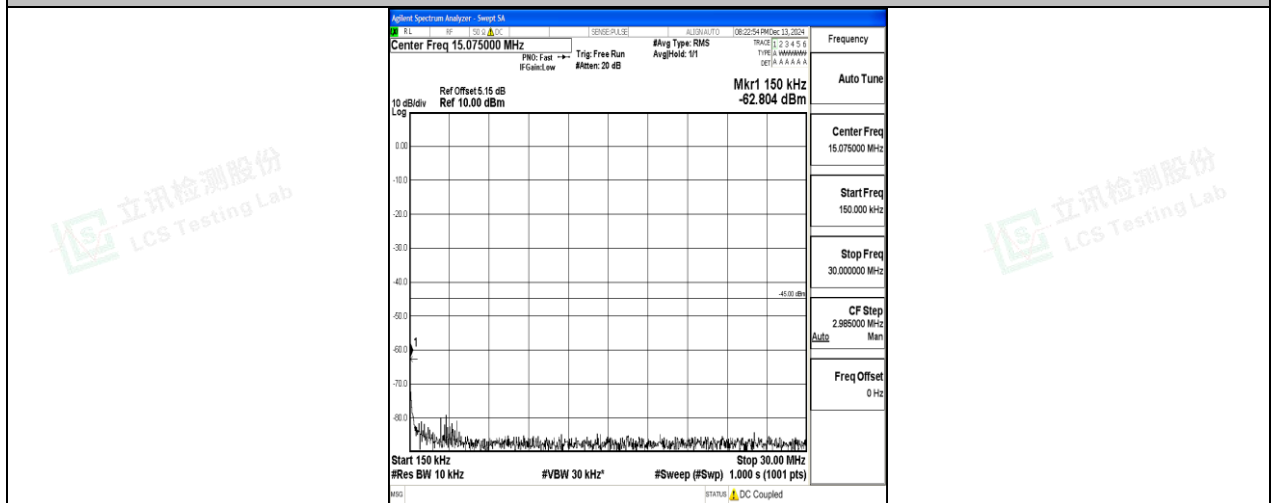




Band7\_5MHz\_QPSK\_21100\_1RB#0\_20000~27000\_20000~27000

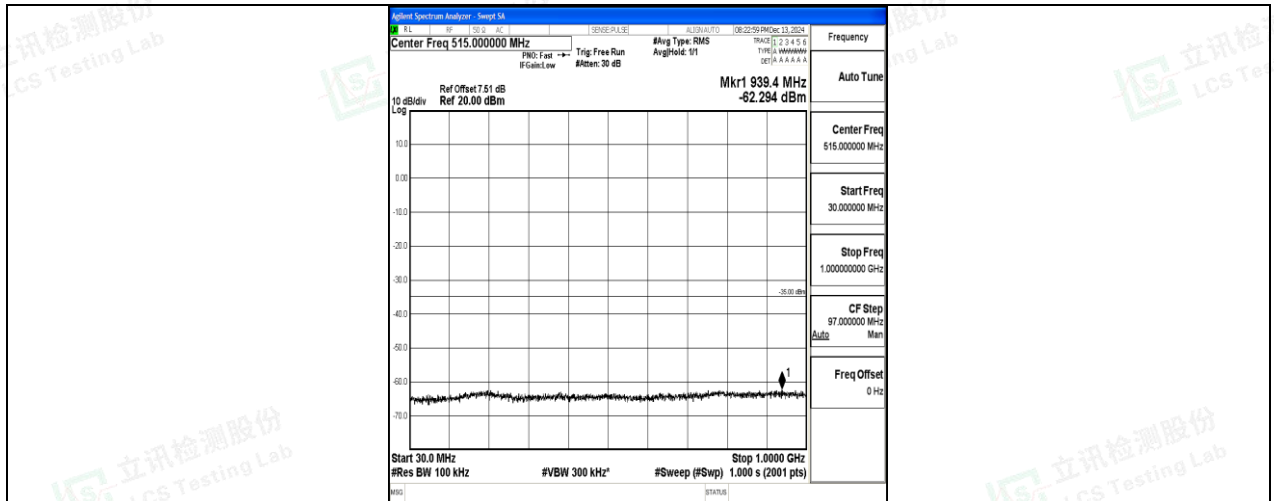


Band7\_5MHz\_16QAM\_21100\_1RB#0\_0.009~0.15\_0.009~0.15

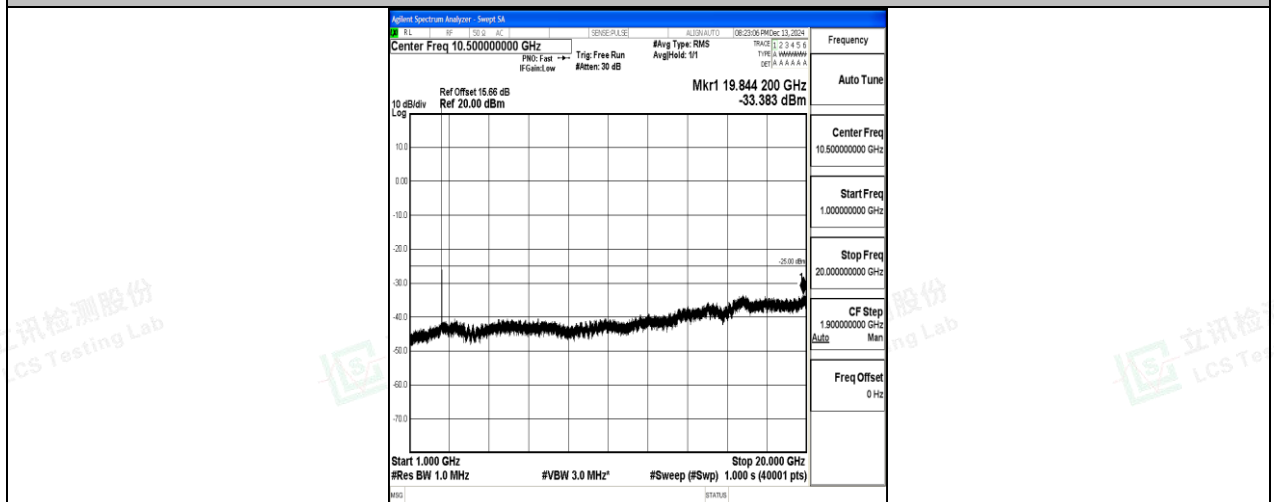


Band7\_5MHz\_16QAM\_21100\_1RB#0\_0.15~30\_0.15~30

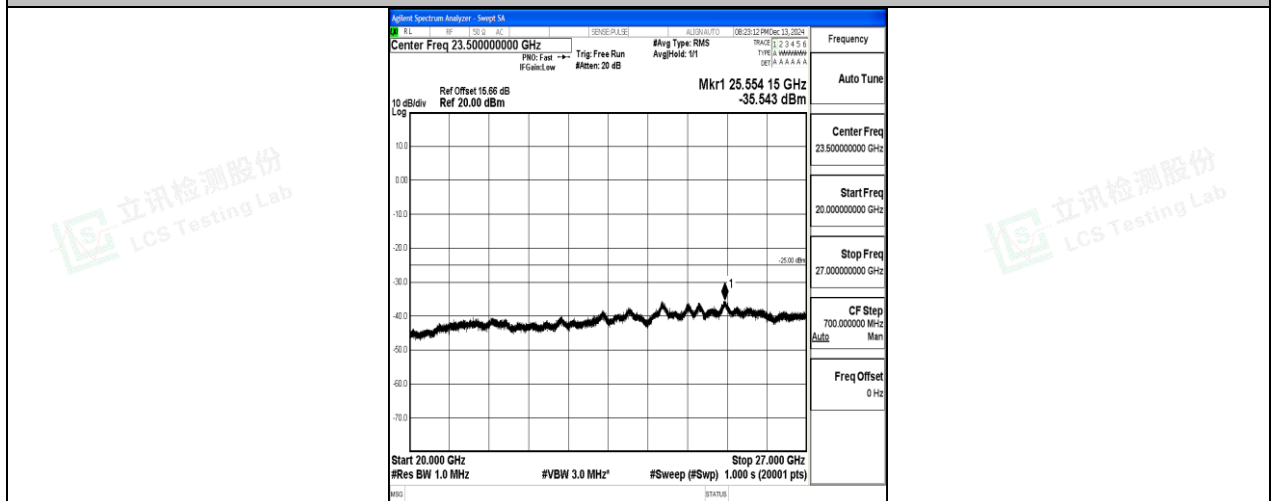




Band7\_5MHz\_16QAM\_21100\_1RB#0\_30~1000\_30~1000

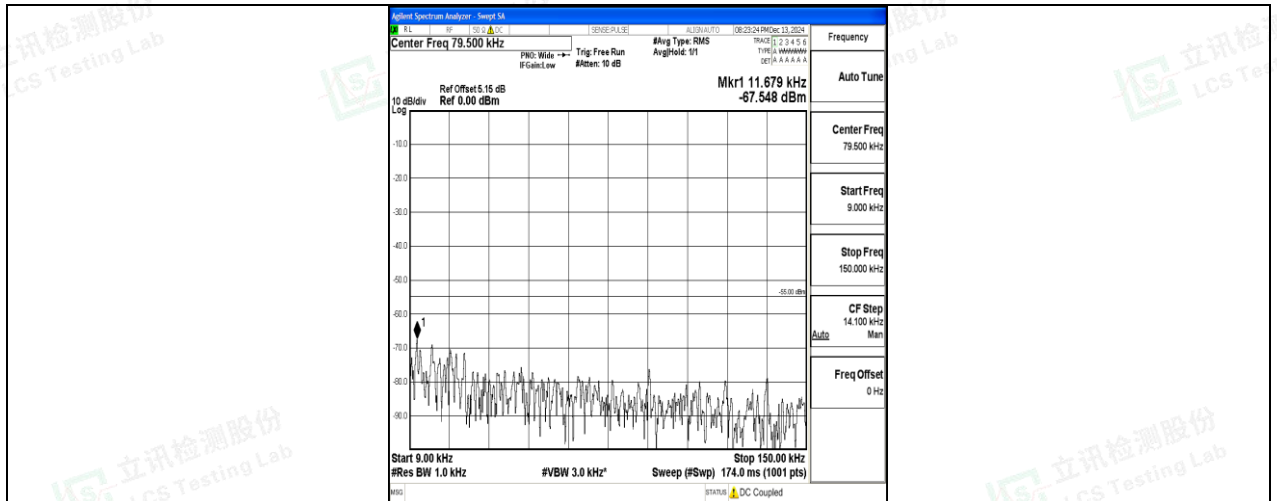


Band7\_5MHz\_16QAM\_21100\_1RB#0\_1000~20000\_1000~20000

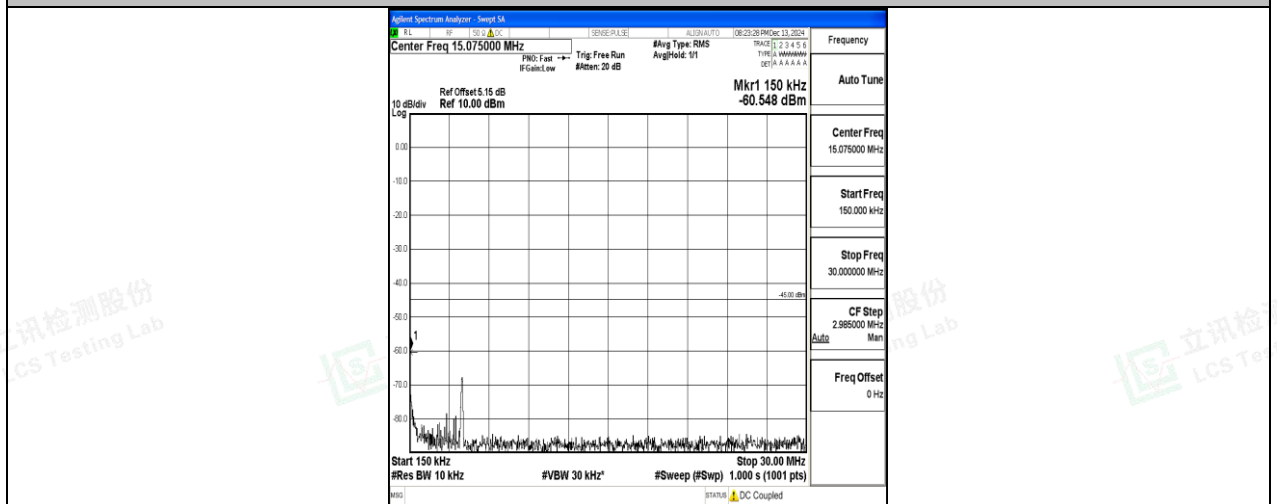


Band7\_5MHz\_16QAM\_21100\_1RB#0\_20000~27000\_20000~27000

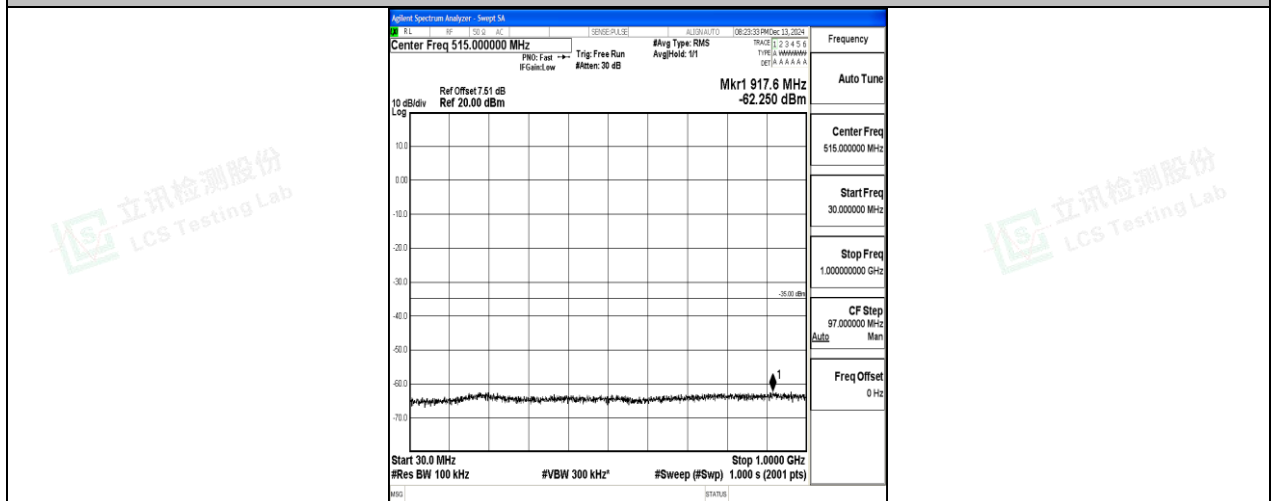




Band7\_5MHz\_QPSK\_21425\_1RB#0\_0.009~0.15\_0.009~0.15

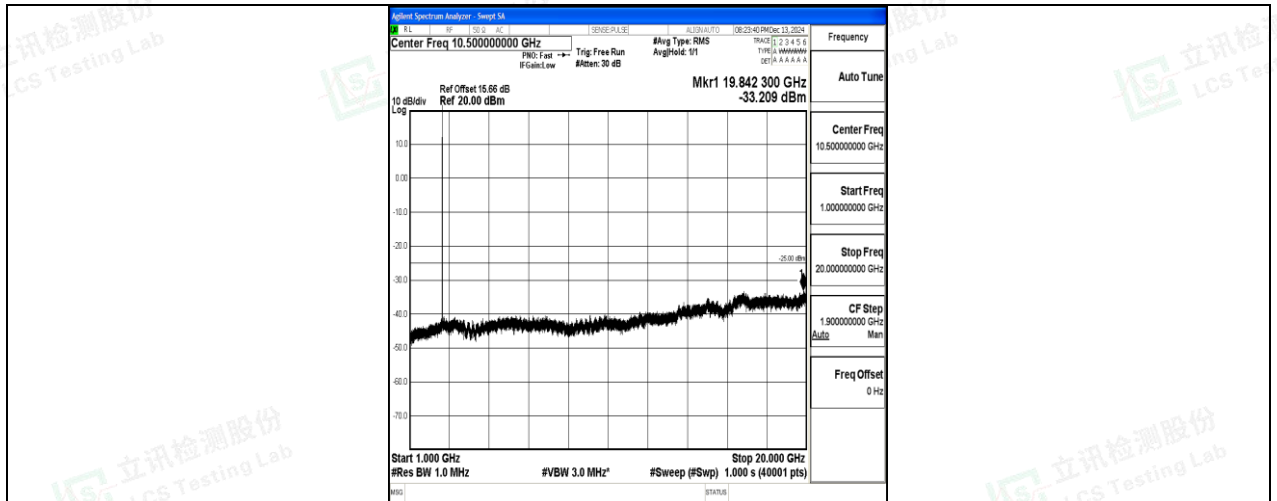


Band7\_5MHz\_QPSK\_21425\_1RB#0\_0.15~30\_0.15~30

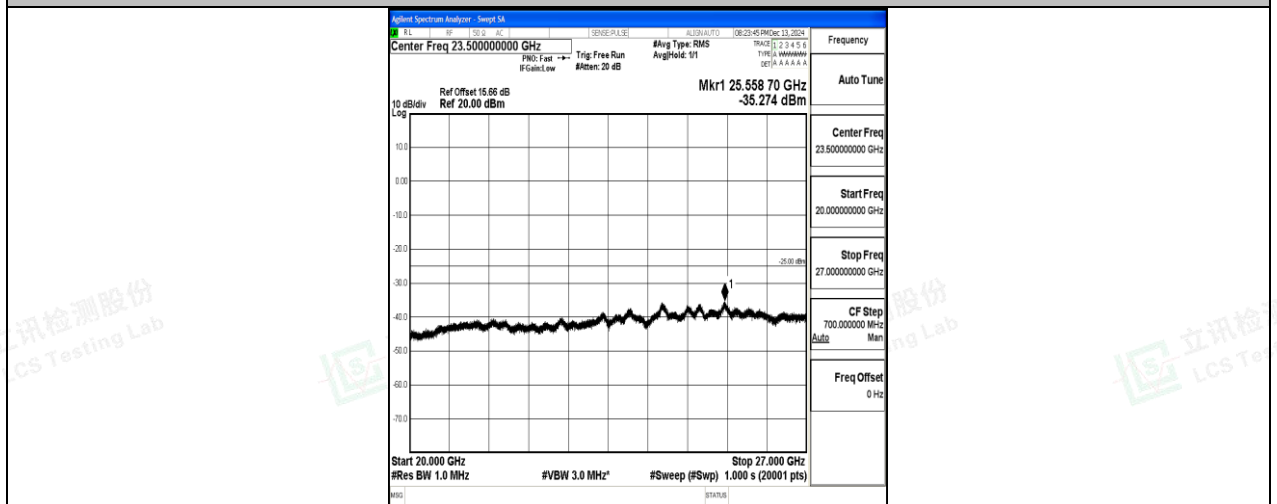


Band7\_5MHz\_QPSK\_21425\_1RB#0\_30~1000\_30~1000

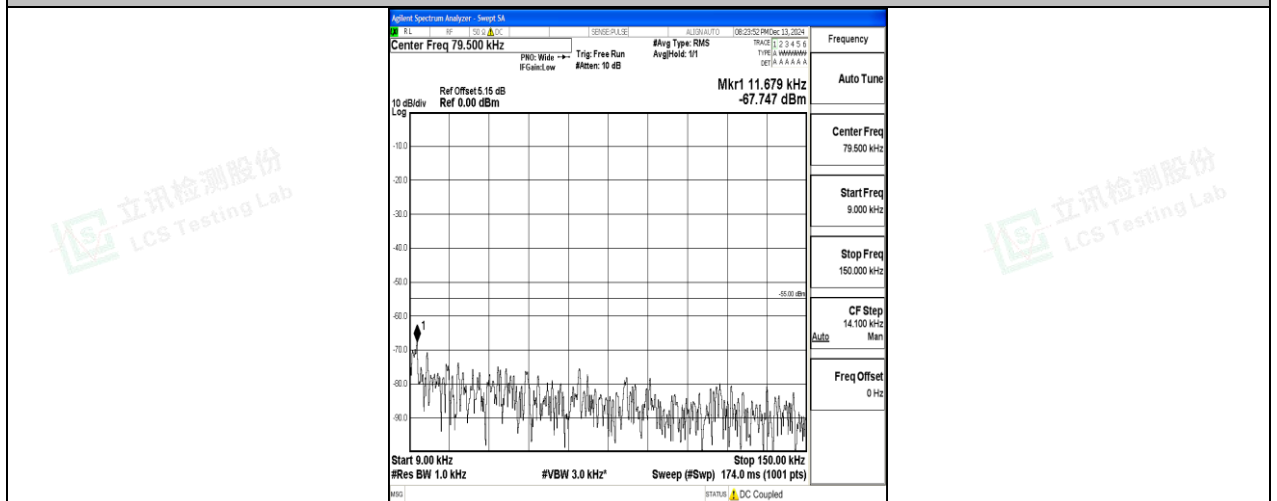




Band7\_5MHz\_QPSK\_21425\_1RB#0\_1000~20000\_1000~20000

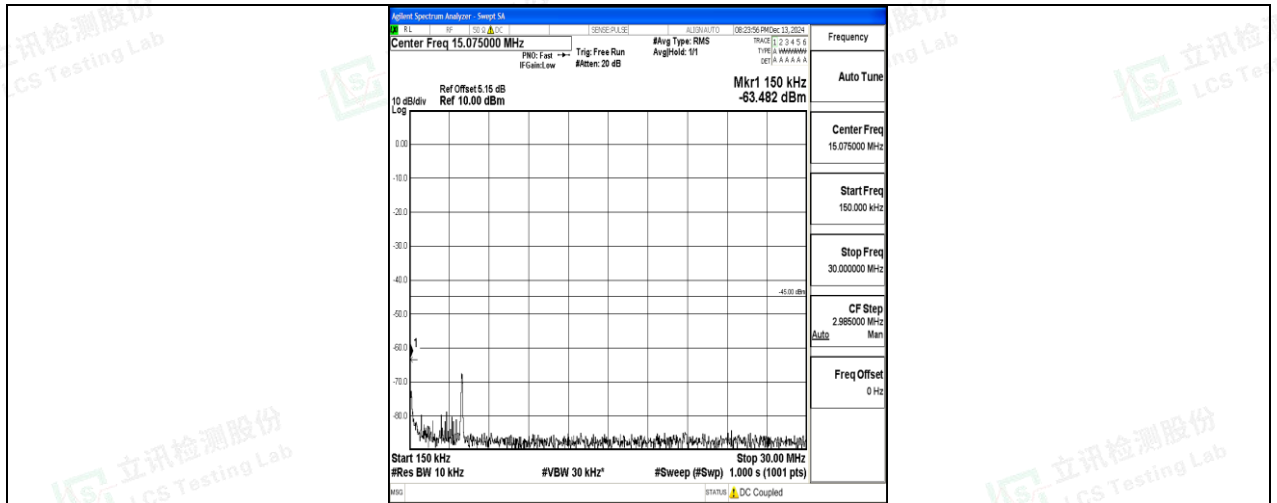


Band7\_5MHz\_QPSK\_21425\_1RB#0\_20000~27000\_20000~27000

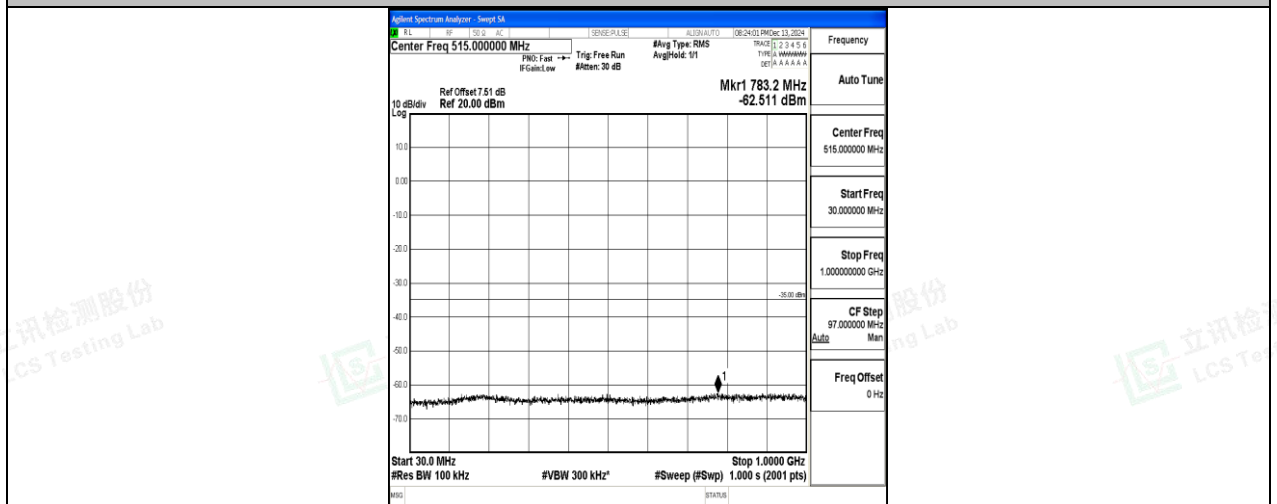


Band7\_5MHz\_16QAM\_21425\_1RB#0\_0.009~0.15\_0.009~0.15

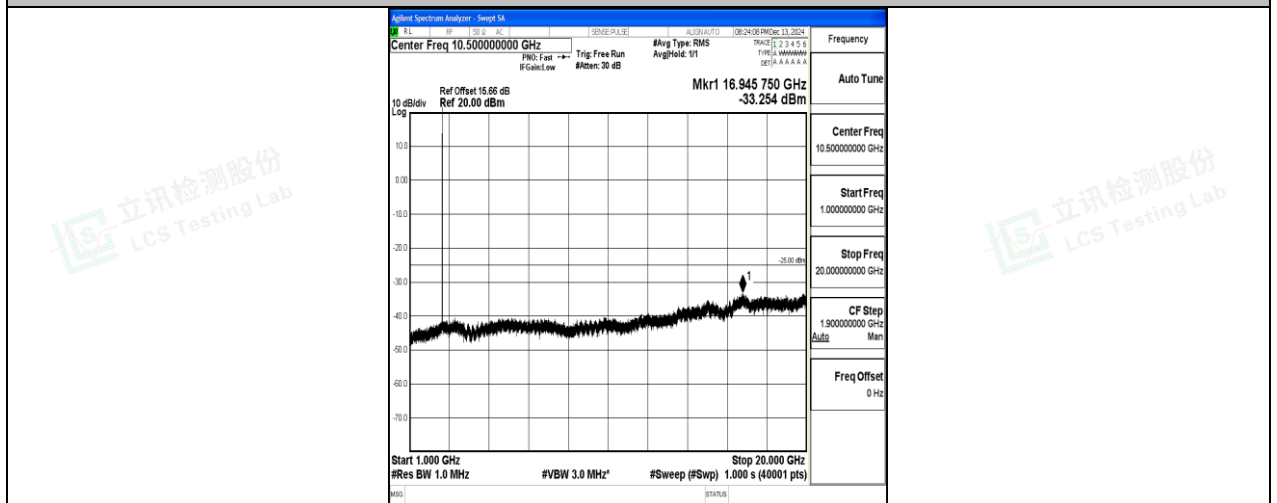




Band7\_5MHz\_16QAM\_21425\_1RB#0\_0.15~30\_0.15~30

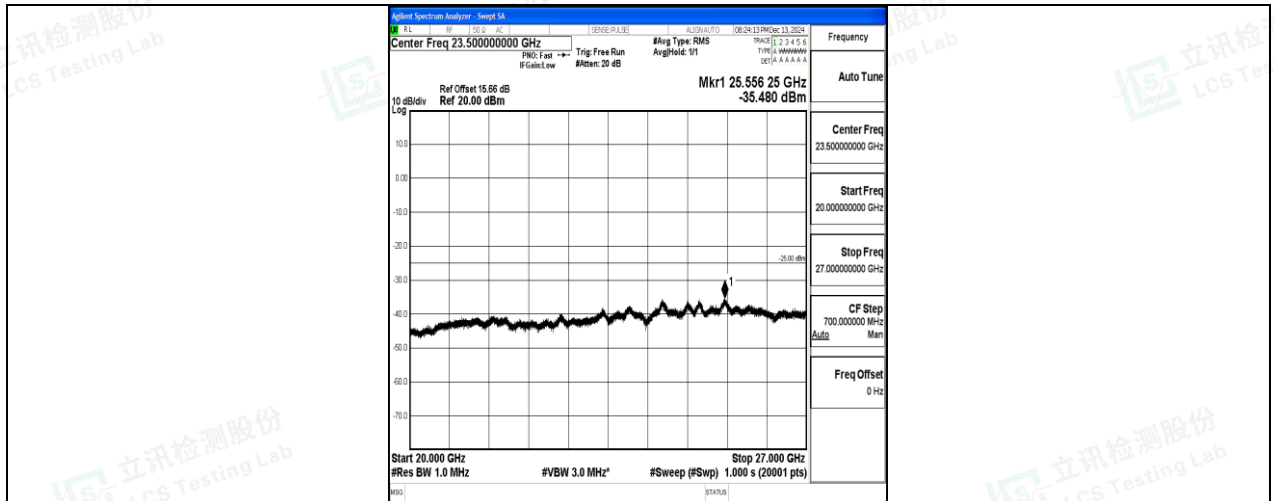


Band7\_5MHz\_16QAM\_21425\_1RB#0\_30~1000\_30~1000

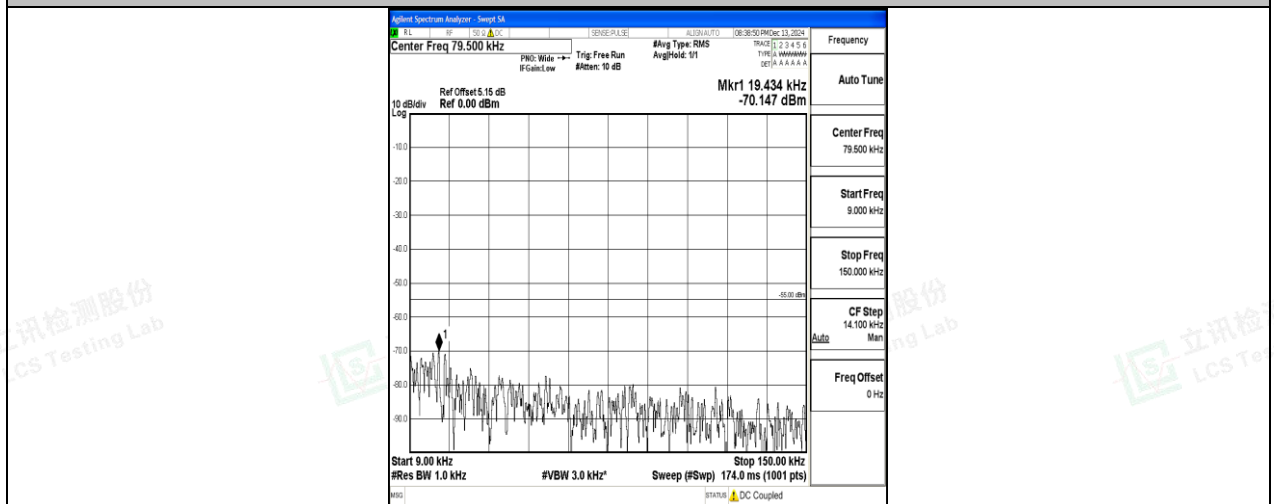


Band7\_5MHz\_16QAM\_21425\_1RB#0\_1000~20000\_1000~20000

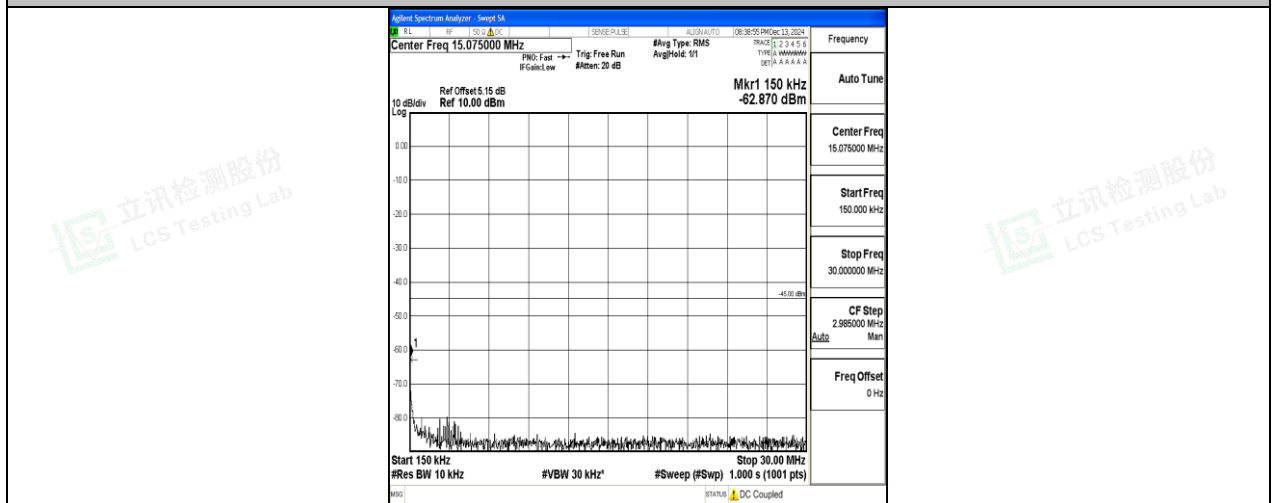




Band7\_5MHz\_16QAM\_21425\_1RB#0\_20000~27000\_20000~27000

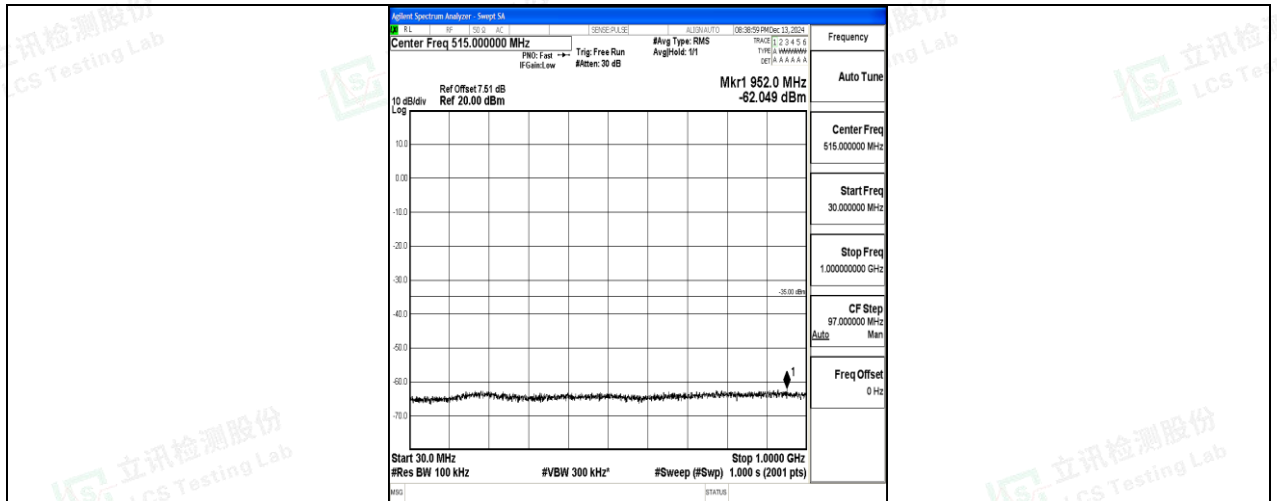


Band7\_10MHz\_QPSK\_20800\_1RB#0\_0.009~0.15\_0.009~0.15

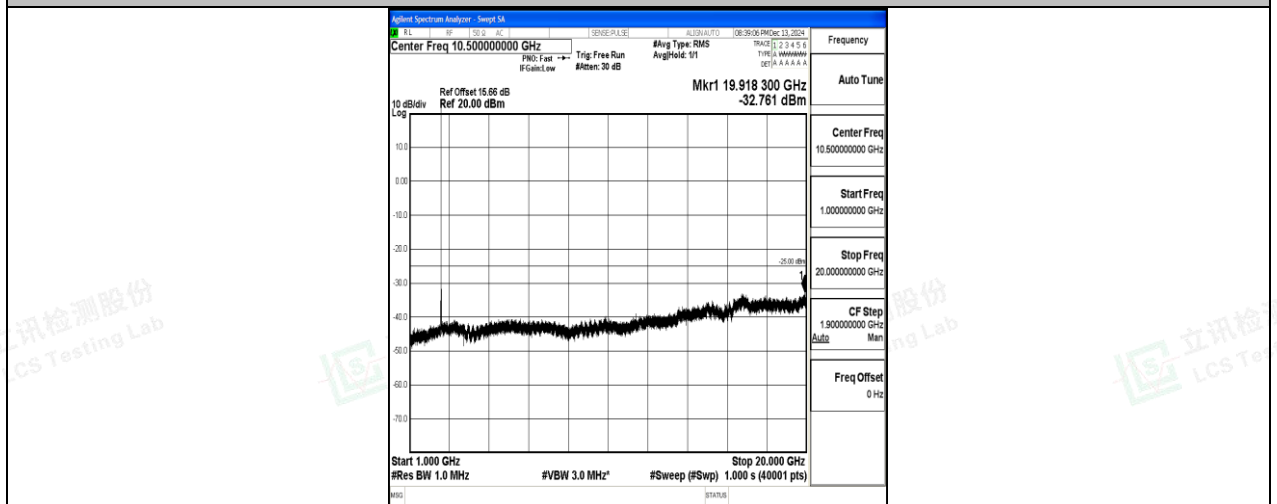


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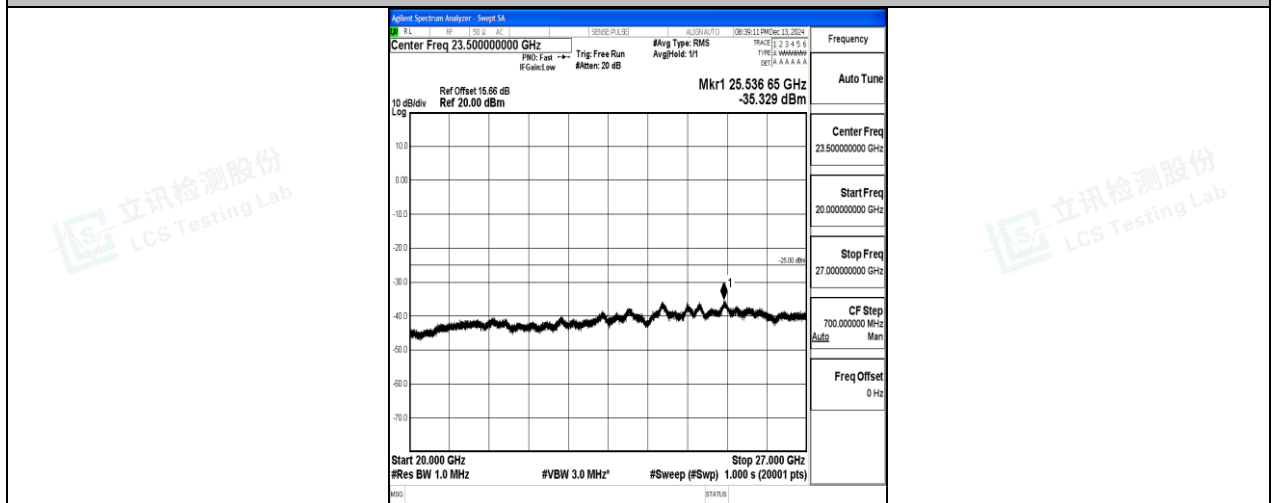




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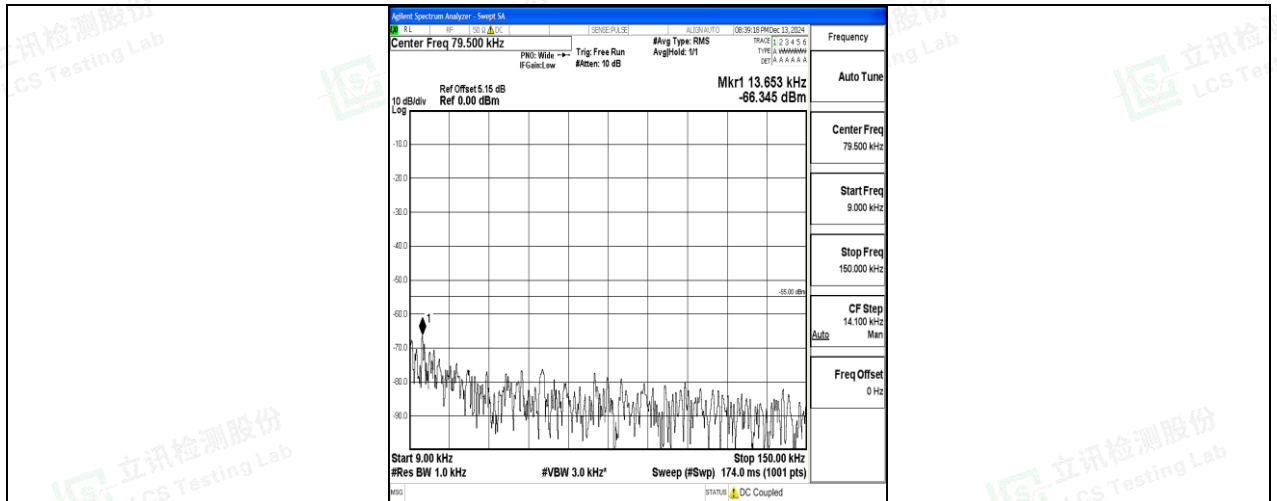


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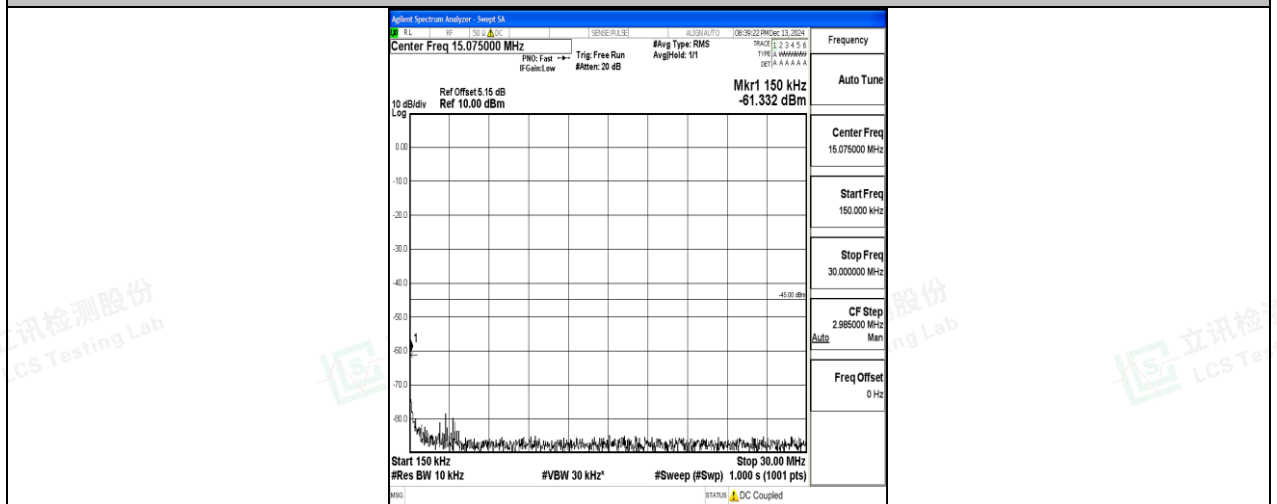


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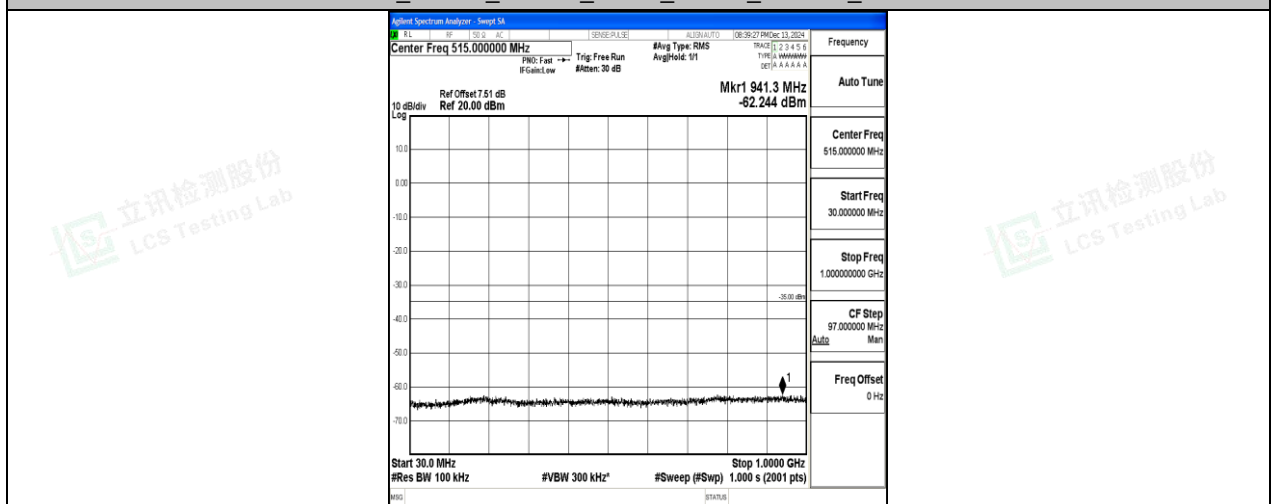




Band7\_10MHz\_16QAM\_20800\_1RB#0\_0.009~0.15\_0.009~0.15

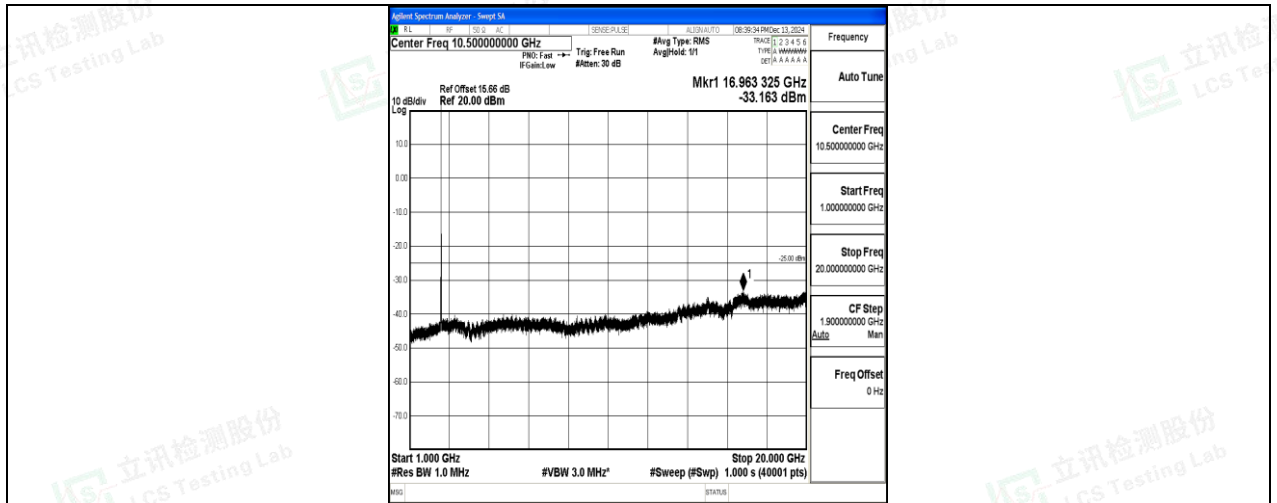


Band7\_10MHz\_16QAM\_20800\_1RB#0\_0.15~30\_0.15~30

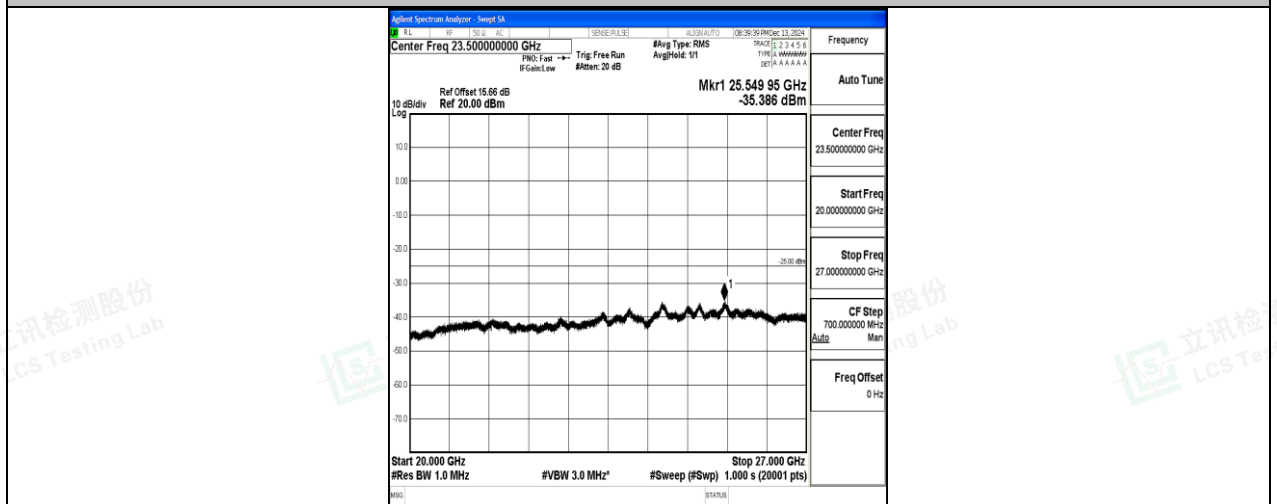


Band7\_10MHz\_16QAM\_20800\_1RB#0\_30~1000\_30~1000

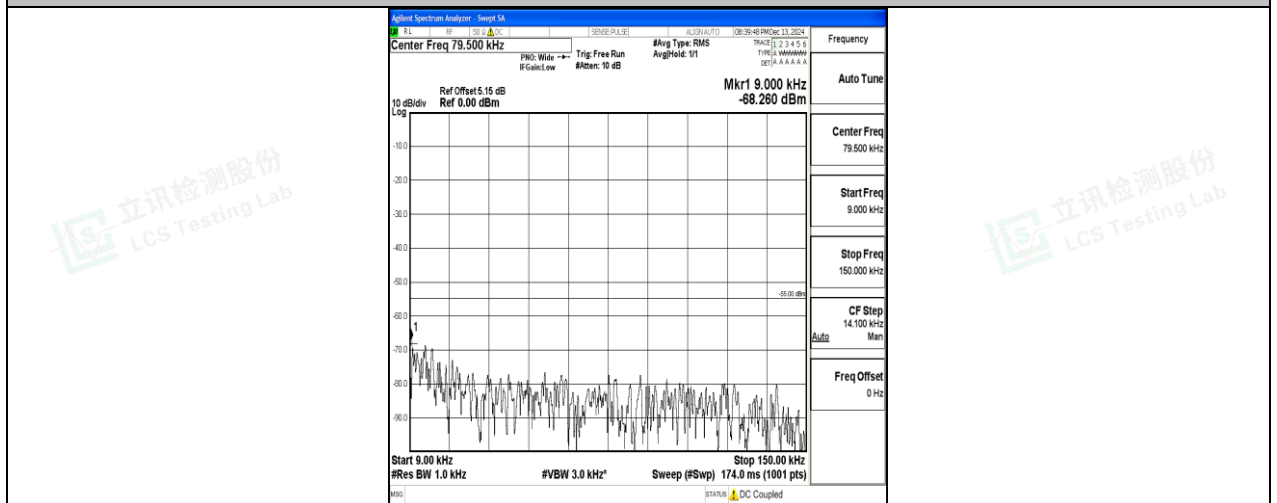




Band7\_10MHz\_16QAM\_20800\_1RB#0\_1000~20000\_1000~20000

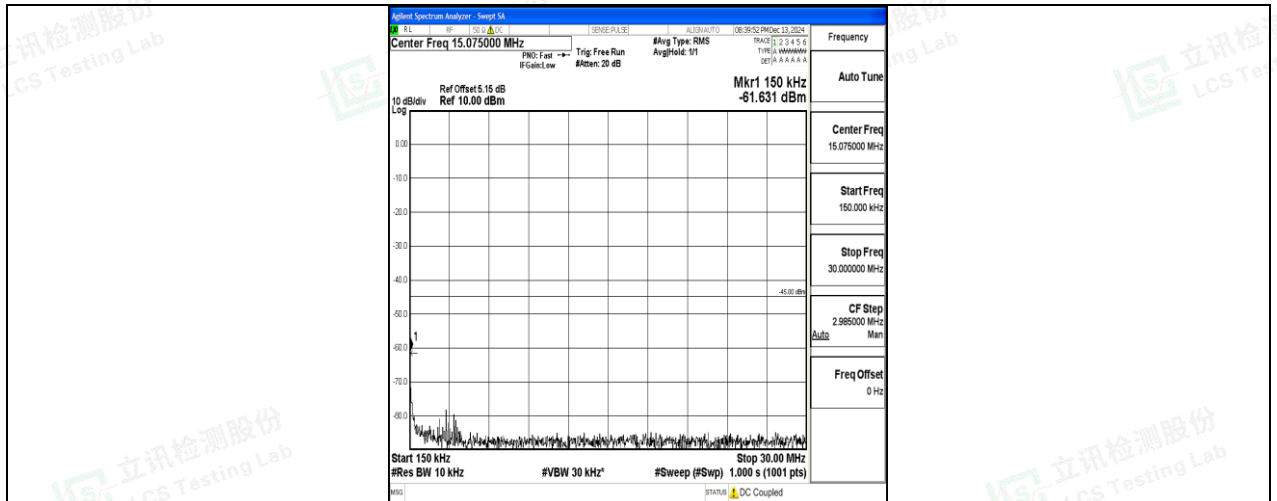


Band7\_10MHz\_16QAM\_20800\_1RB#0\_20000~27000\_20000~27000

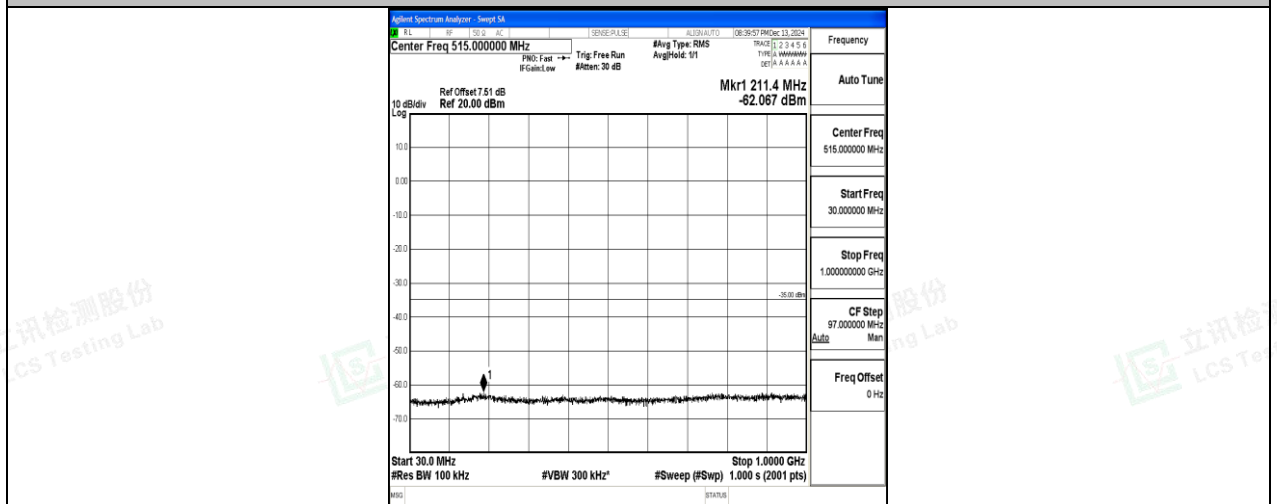


Band7\_10MHz\_QPSK\_21100\_1RB#0\_0.009~0.15\_0.009~0.15

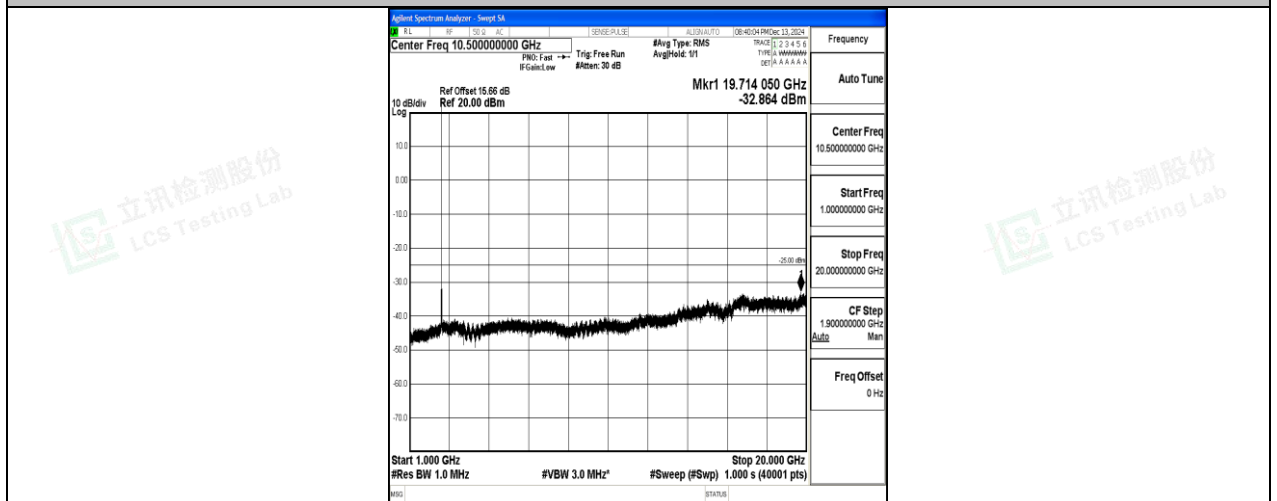




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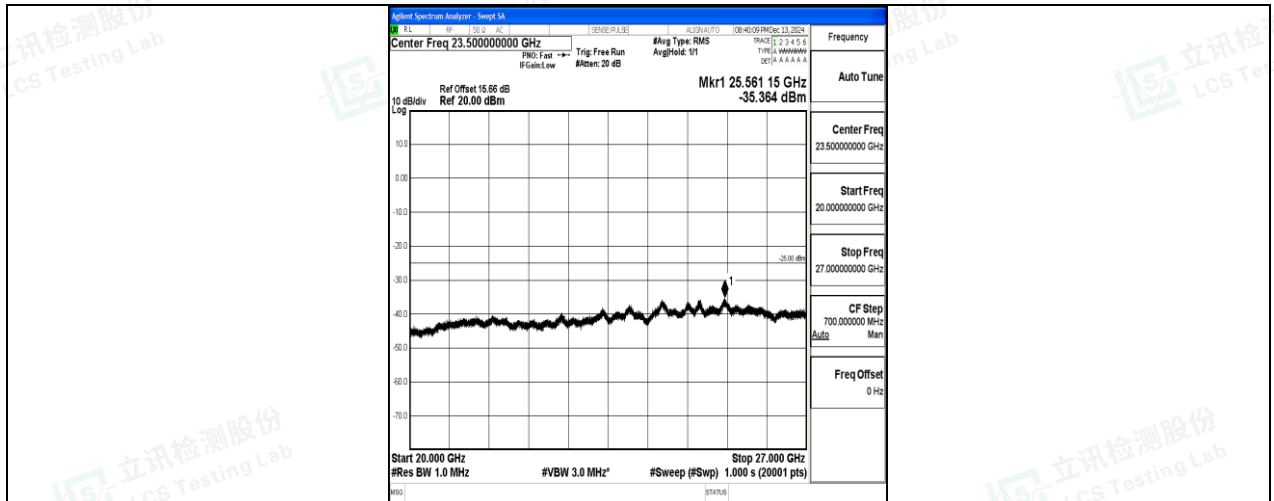


Band7\_10MHz\_QPSK\_21100\_1RB#0\_30~1000\_30~1000

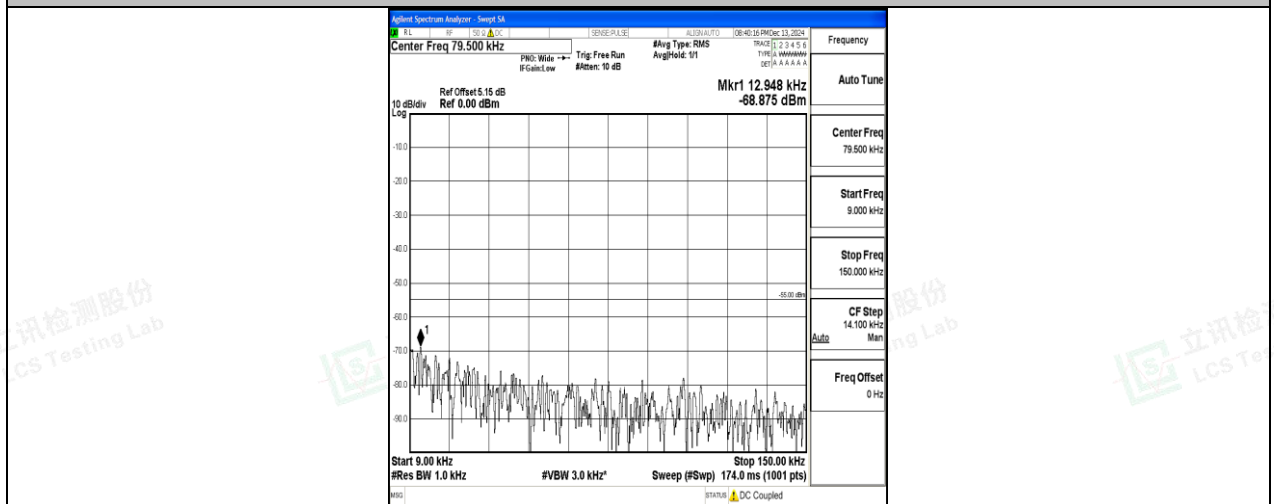


Band7\_10MHz\_QPSK\_21100\_1RB#0\_1000~20000\_1000~20000

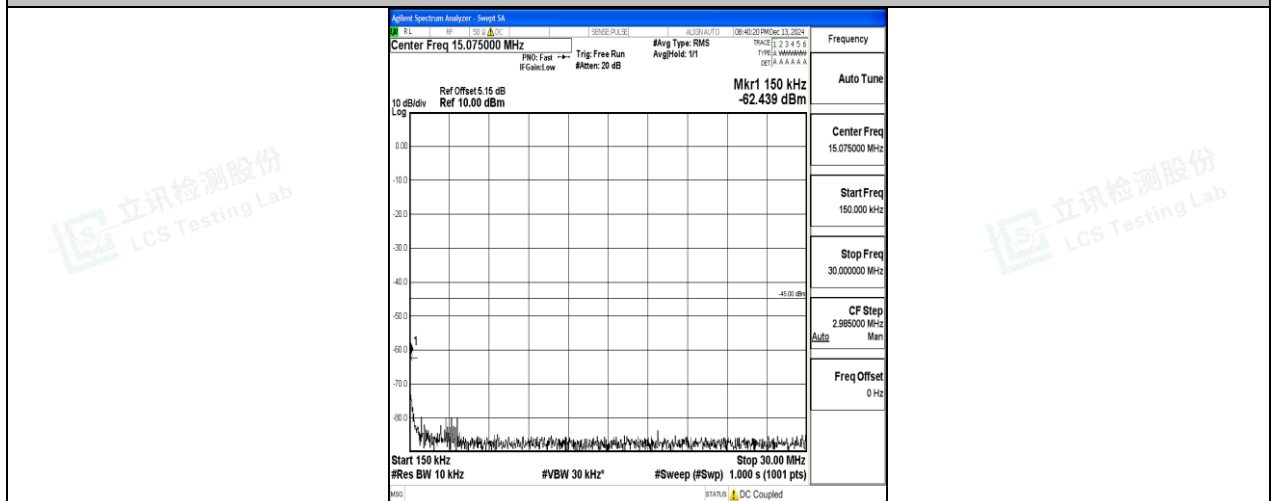




Band7\_10MHz\_QPSK\_21100\_1RB#0\_20000~27000\_20000~27000

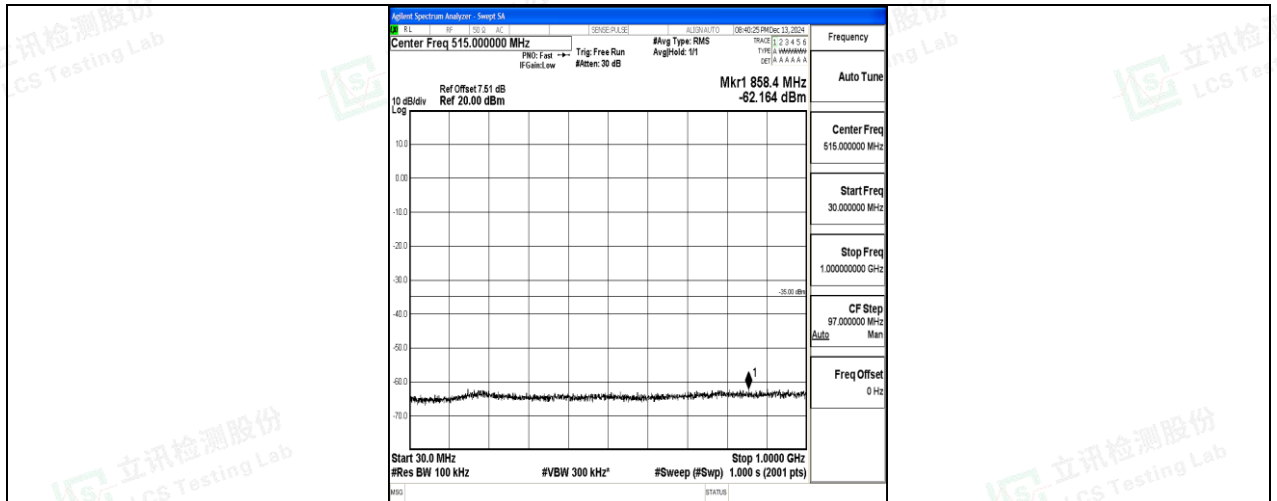


Band7\_10MHz\_16QAM\_21100\_1RB#0\_0.009~0.15\_0.009~0.15

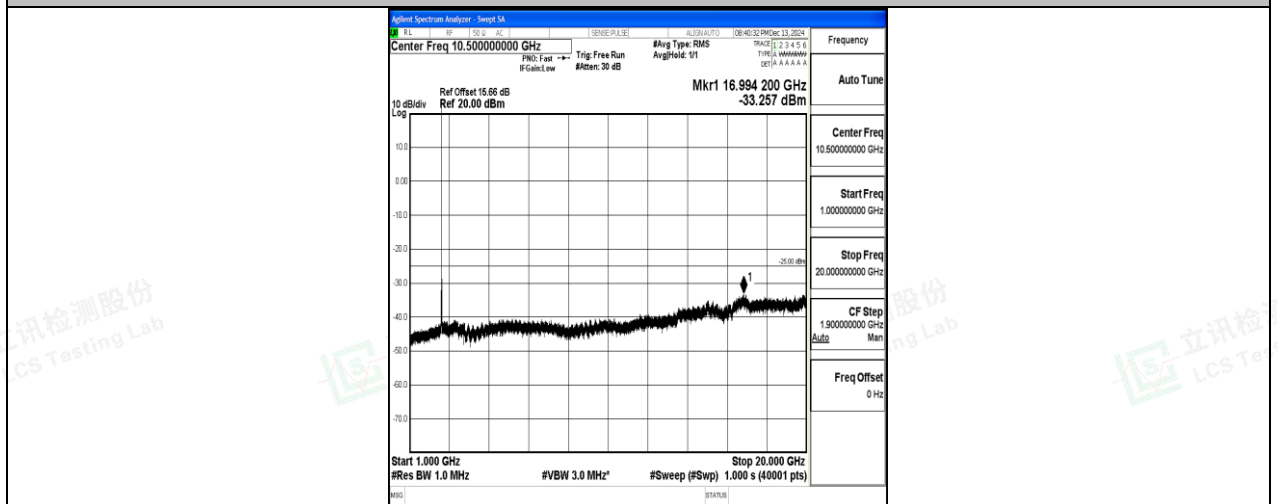


Band7\_10MHz\_16QAM\_21100\_1RB#0\_0.15~30\_0.15~30

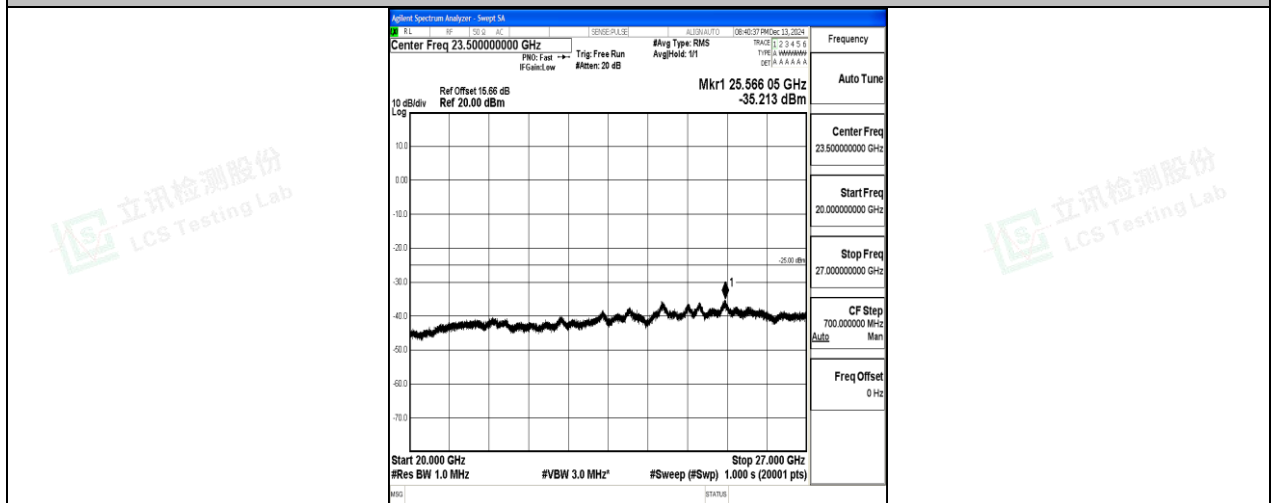




Band7\_10MHz\_16QAM\_21100\_1RB#0\_30~1000\_30~1000



Band7\_10MHz\_16QAM\_21100\_1RB#0\_1000~20000\_1000~20000



Band7\_10MHz\_16QAM\_21100\_1RB#0\_20000~27000\_20000~27000

