



## Appendix K Test Data for E-UTRA Band 26-824-849MHz

Product Name: Global 4G Wifi Router

Test Model: TD20

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 24.6° C   |
| Relative Humidity: | 53.6%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Andre Tan |
| Supervised by:     | Nick Peng |



Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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## K.1 Conducted Output Power Data

### Test Result

| Band        | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------------|-----------|------------|---------|------------------|-------------|---------|
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 1RB#0            | 23.43       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 1RB#0            | 22.36       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 1RB#2            | 23.37       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 1RB#2            | 22.34       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 1RB#5            | 23.38       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 1RB#5            | 22.36       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 3RB#0            | 23.38       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 3RB#0            | 23.04       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 3RB#1            | 23.53       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 3RB#1            | 23.03       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 3RB#3            | 23.47       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 3RB#3            | 23.09       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 22.71       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 22.11       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 1RB#0            | 23.43       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 1RB#0            | 22.98       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 1RB#2            | 23.45       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 1RB#2            | 23.03       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 1RB#5            | 23.25       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 1RB#5            | 23.45       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 3RB#0            | 23.48       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 3RB#0            | 22.59       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 3RB#1            | 23.36       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 3RB#1            | 22.58       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 3RB#3            | 23.59       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 3RB#3            | 22.73       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 6RB#0            | 22.72       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 6RB#0            | 22.16       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 1RB#0            | 22.96       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 1RB#0            | 22.93       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 1RB#2            | 22.95       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 1RB#2            | 22.92       | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 1RB#5            | 22.66       | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 1RB#5            | 22.48       | PASS    |





|             |        |       |       |        |       |      |
|-------------|--------|-------|-------|--------|-------|------|
| 26(824-849) | 1.4MHz | QPSK  | 27033 | 3RB#0  | 23.20 | PASS |
| 26(824-849) | 1.4MHz | 16QAM | 27033 | 3RB#0  | 22.56 | PASS |
| 26(824-849) | 1.4MHz | QPSK  | 27033 | 3RB#1  | 23.23 | PASS |
| 26(824-849) | 1.4MHz | 16QAM | 27033 | 3RB#1  | 22.31 | PASS |
| 26(824-849) | 1.4MHz | QPSK  | 27033 | 3RB#3  | 22.96 | PASS |
| 26(824-849) | 1.4MHz | 16QAM | 27033 | 3RB#3  | 22.22 | PASS |
| 26(824-849) | 1.4MHz | QPSK  | 27033 | 6RB#0  | 22.57 | PASS |
| 26(824-849) | 1.4MHz | 16QAM | 27033 | 6RB#0  | 21.79 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 1RB#0  | 23.41 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 1RB#0  | 22.48 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 1RB#8  | 23.28 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 1RB#8  | 22.43 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 1RB#14 | 23.14 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 1RB#14 | 22.49 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 8RB#0  | 22.32 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 8RB#0  | 22.01 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 8RB#4  | 22.45 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 8RB#4  | 22.01 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 8RB#7  | 22.40 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 8RB#7  | 21.97 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26805 | 15RB#0 | 22.31 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26805 | 15RB#0 | 21.60 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 1RB#0  | 23.34 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 1RB#0  | 21.95 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 1RB#8  | 23.26 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 1RB#8  | 21.88 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 1RB#14 | 23.15 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 1RB#14 | 21.87 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 8RB#0  | 22.21 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 8RB#0  | 22.03 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 8RB#4  | 22.61 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 8RB#4  | 21.94 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 8RB#7  | 22.38 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 8RB#7  | 22.03 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 26915 | 15RB#0 | 22.57 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 26915 | 15RB#0 | 21.58 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 27025 | 1RB#0  | 23.01 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 27025 | 1RB#0  | 23.10 | PASS |
| 26(824-849) | 3MHz   | QPSK  | 27025 | 1RB#8  | 22.99 | PASS |
| 26(824-849) | 3MHz   | 16QAM | 27025 | 1RB#8  | 23.06 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

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|-------------|------|-------|-------|---------|-------|------|
| 26(824-849) | 3MHz | QPSK  | 27025 | 1RB#14  | 22.50 | PASS |
| 26(824-849) | 3MHz | 16QAM | 27025 | 1RB#14  | 22.22 | PASS |
| 26(824-849) | 3MHz | QPSK  | 27025 | 8RB#0   | 22.42 | PASS |
| 26(824-849) | 3MHz | 16QAM | 27025 | 8RB#0   | 21.91 | PASS |
| 26(824-849) | 3MHz | QPSK  | 27025 | 8RB#4   | 22.40 | PASS |
| 26(824-849) | 3MHz | 16QAM | 27025 | 8RB#4   | 21.85 | PASS |
| 26(824-849) | 3MHz | QPSK  | 27025 | 8RB#7   | 22.22 | PASS |
| 26(824-849) | 3MHz | 16QAM | 27025 | 8RB#7   | 21.76 | PASS |
| 26(824-849) | 3MHz | QPSK  | 27025 | 15RB#0  | 22.29 | PASS |
| 26(824-849) | 3MHz | 16QAM | 27025 | 15RB#0  | 21.74 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 1RB#0   | 23.32 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 1RB#0   | 23.19 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 1RB#12  | 23.30 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 1RB#12  | 23.06 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 1RB#24  | 23.69 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 1RB#24  | 22.76 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 12RB#0  | 22.63 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 12RB#0  | 21.94 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 12RB#6  | 22.63 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 12RB#6  | 21.84 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 12RB#13 | 22.47 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 12RB#13 | 22.01 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26815 | 25RB#0  | 22.54 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26815 | 25RB#0  | 22.14 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 1RB#0   | 23.17 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 1RB#0   | 22.62 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 1RB#12  | 23.29 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 1RB#12  | 22.64 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 1RB#24  | 23.34 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 1RB#24  | 22.66 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 12RB#0  | 22.35 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 12RB#0  | 21.95 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 12RB#6  | 22.51 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 12RB#6  | 21.96 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 12RB#13 | 22.64 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 12RB#13 | 21.98 | PASS |
| 26(824-849) | 5MHz | QPSK  | 26915 | 25RB#0  | 22.55 | PASS |
| 26(824-849) | 5MHz | 16QAM | 26915 | 25RB#0  | 21.92 | PASS |
| 26(824-849) | 5MHz | QPSK  | 27015 | 1RB#0   | 23.49 | PASS |
| 26(824-849) | 5MHz | 16QAM | 27015 | 1RB#0   | 22.22 | PASS |



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Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

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|-------------|-------|-------|-------|---------|-------|------|
| 26(824-849) | 5MHz  | QPSK  | 27015 | 1RB#12  | 23.35 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 1RB#12  | 22.20 | PASS |
| 26(824-849) | 5MHz  | QPSK  | 27015 | 1RB#24  | 22.99 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 1RB#24  | 22.07 | PASS |
| 26(824-849) | 5MHz  | QPSK  | 27015 | 12RB#0  | 22.66 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 12RB#0  | 22.03 | PASS |
| 26(824-849) | 5MHz  | QPSK  | 27015 | 12RB#6  | 22.70 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 12RB#6  | 22.04 | PASS |
| 26(824-849) | 5MHz  | QPSK  | 27015 | 12RB#13 | 22.34 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 12RB#13 | 21.96 | PASS |
| 26(824-849) | 5MHz  | QPSK  | 27015 | 25RB#0  | 22.43 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 25RB#0  | 22.11 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 1RB#0   | 23.33 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 1RB#0   | 22.54 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 1RB#24  | 23.16 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 1RB#24  | 22.61 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 1RB#49  | 23.20 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 1RB#49  | 22.66 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 25RB#0  | 22.30 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 25RB#0  | 21.97 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 25RB#12 | 22.34 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 25RB#12 | 21.97 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 25RB#25 | 22.39 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 25RB#25 | 21.69 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 50RB#0  | 22.36 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 50RB#0  | 21.82 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 1RB#0   | 23.23 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 1RB#0   | 22.65 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 1RB#24  | 23.33 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 1RB#24  | 22.83 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 1RB#49  | 23.23 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 1RB#49  | 21.87 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 25RB#0  | 22.41 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 25RB#0  | 21.86 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 25RB#12 | 22.26 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 25RB#12 | 21.87 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 25RB#25 | 22.42 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 25RB#25 | 21.87 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 50RB#0  | 22.44 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 50RB#0  | 21.79 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

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|-------------|-------|-------|-------|---------|-------|------|
| 26(824-849) | 10MHz | QPSK  | 26990 | 1RB#0   | 23.22 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 1RB#0   | 23.21 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 1RB#24  | 23.25 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 1RB#24  | 23.27 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 1RB#49  | 22.90 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 1RB#49  | 22.82 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 25RB#0  | 22.36 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 25RB#0  | 21.84 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 25RB#12 | 22.35 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 25RB#12 | 21.86 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 25RB#25 | 22.39 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 25RB#25 | 21.93 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 50RB#0  | 22.44 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 50RB#0  | 21.92 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 1RB#0   | 23.31 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 1RB#0   | 22.62 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 1RB#38  | 23.18 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 1RB#38  | 22.66 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 1RB#74  | 23.25 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 1RB#74  | 22.63 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 38RB#0  | 22.34 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 38RB#0  | 22.65 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 38RB#18 | 22.68 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 38RB#18 | 22.45 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 38RB#37 | 22.68 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 38RB#37 | 22.18 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 75RB#0  | 22.41 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 75RB#0  | 21.75 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 1RB#0   | 22.68 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 1RB#0   | 22.56 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 1RB#38  | 22.69 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 1RB#38  | 23.03 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 1RB#74  | 23.62 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 1RB#74  | 22.94 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 38RB#0  | 22.42 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 38RB#0  | 22.45 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 38RB#18 | 22.45 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 38RB#18 | 22.38 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 38RB#37 | 22.45 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 38RB#37 | 22.45 | PASS |



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| 26(824-849) | 15MHz | QPSK  | 26915 | 75RB#0  | 22.49 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 75RB#0  | 21.90 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 1RB#0   | 23.22 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 1RB#0   | 23.27 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 1RB#38  | 23.20 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 1RB#38  | 23.30 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 1RB#74  | 23.00 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 1RB#74  | 22.81 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 38RB#0  | 22.46 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 38RB#0  | 22.48 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 38RB#18 | 22.48 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 38RB#18 | 22.48 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 38RB#37 | 22.49 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 38RB#37 | 22.49 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 75RB#0  | 22.49 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 75RB#0  | 21.83 | PASS |





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

### Test Result

| Band        | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------------|-----------|------------|---------|------------------|------------|-----------|---------|
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 1RB#0            | 5.02       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 1RB#0            | 5.42       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 5.81       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 6.43       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 1RB#0            | 4.82       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 1RB#0            | 5.78       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 6RB#0            | 5.61       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 6RB#0            | 6.22       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 1RB#0            | 4.03       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 1RB#0            | 3.94       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 6RB#0            | 4.52       | 13        | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 6RB#0            | 5.29       | 13        | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 26805   | 1RB#0            | 5.29       | 13        | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 26805   | 1RB#0            | 5.99       | 13        | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 26805   | 15RB#0           | 5.92       | 13        | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 26805   | 15RB#0           | 6.64       | 13        | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 26915   | 1RB#0            | 5.00       | 13        | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 26915   | 1RB#0            | 5.56       | 13        | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 26915   | 15RB#0           | 5.73       | 13        | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 26915   | 15RB#0           | 6.39       | 13        | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 27025   | 1RB#0            | 4.05       | 13        | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 27025   | 1RB#0            | 4.05       | 13        | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 27025   | 15RB#0           | 4.96       | 13        | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 27025   | 15RB#0           | 5.68       | 13        | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 26815   | 1RB#0            | 5.36       | 13        | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 26815   | 1RB#0            | 6.05       | 13        | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 26815   | 25RB#0           | 5.85       | 13        | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 26815   | 25RB#0           | 6.50       | 13        | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 26915   | 1RB#0            | 5.15       | 13        | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 26915   | 1RB#0            | 5.69       | 13        | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 26915   | 25RB#0           | 5.70       | 13        | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 26915   | 25RB#0           | 6.36       | 13        | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 27015   | 1RB#0            | 4.36       | 13        | PASS    |



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

Scan code to check authenticity

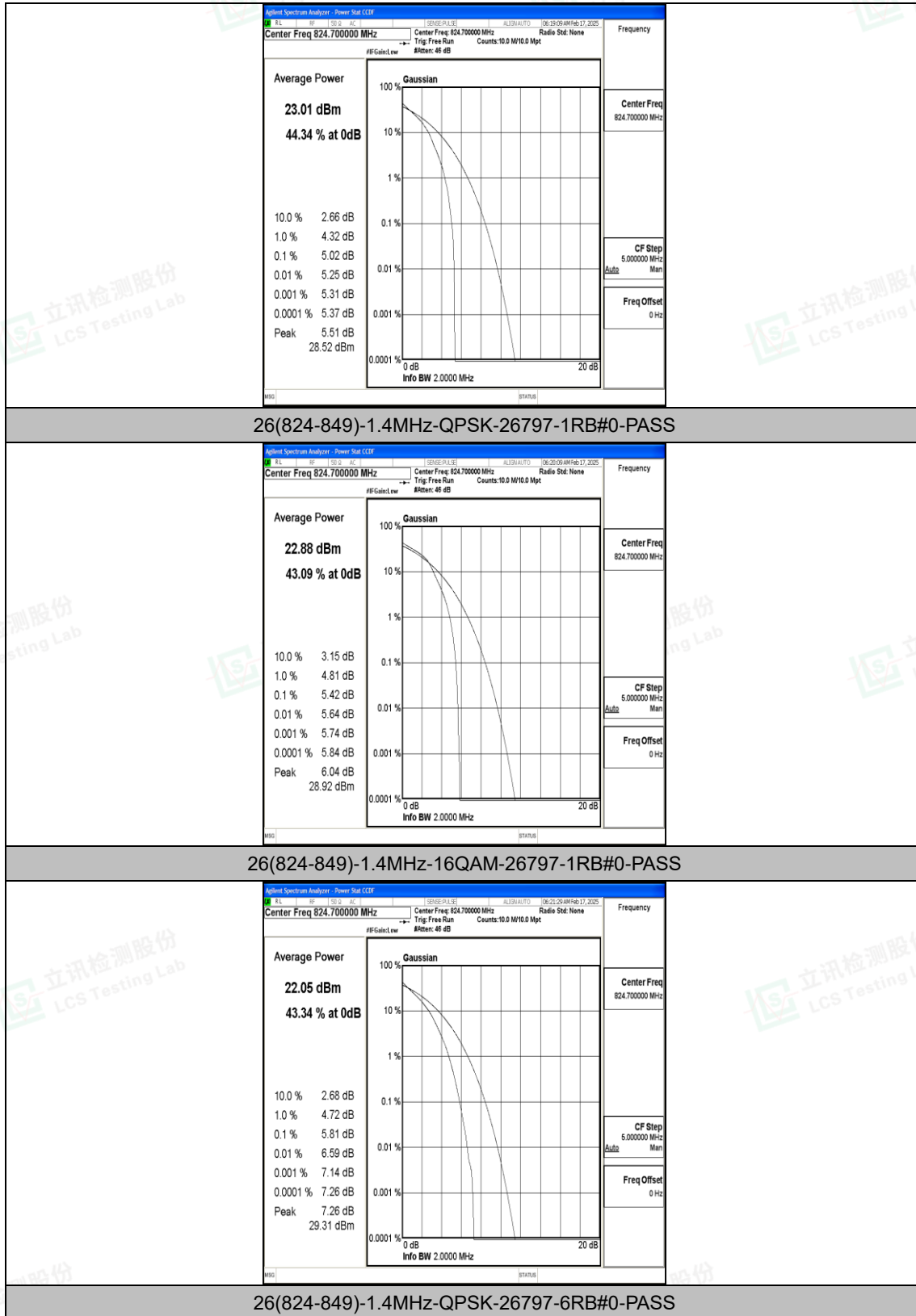


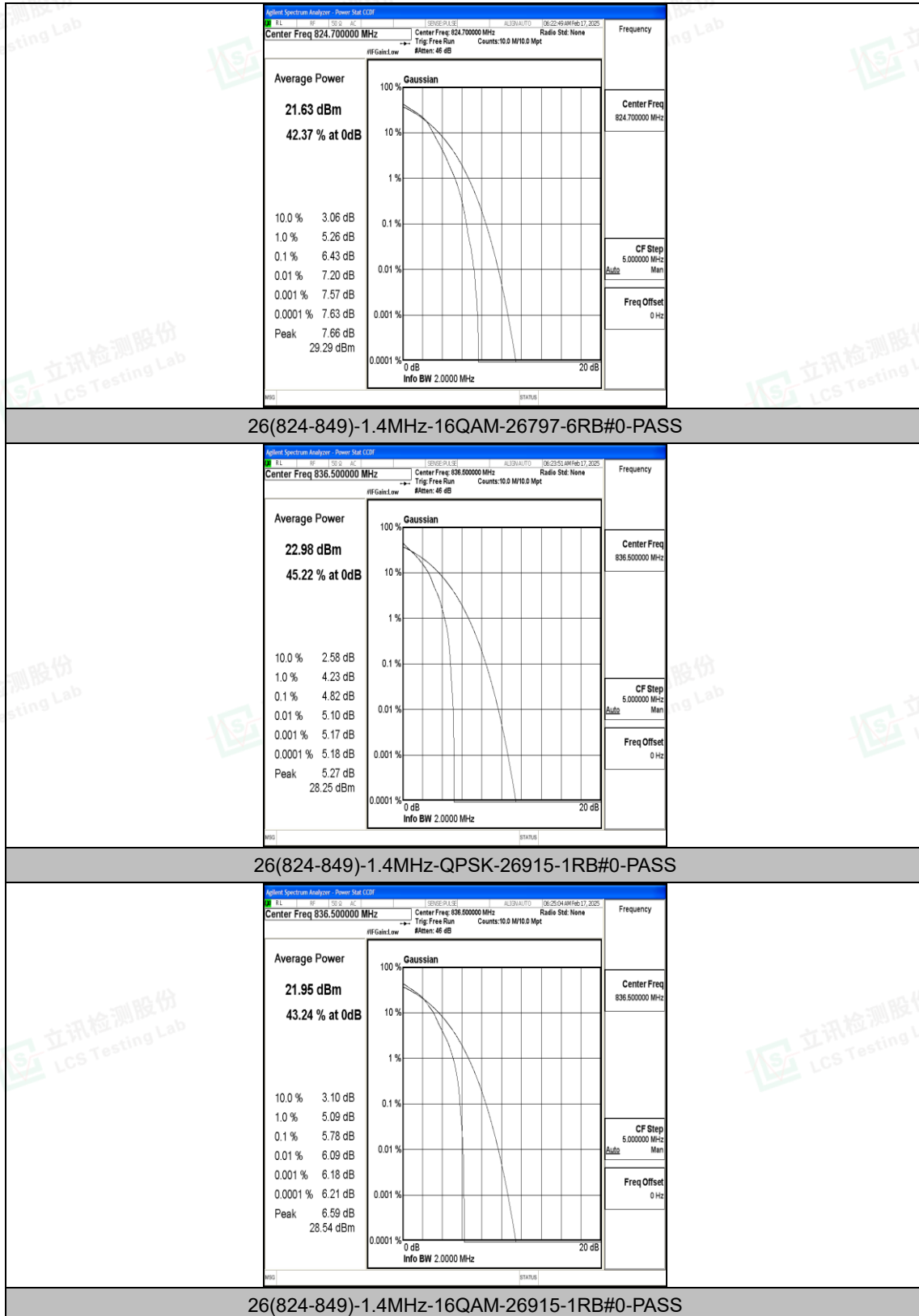
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|-------------|-------|-------|-------|--------|------|----|------|
| 26(824-849) | 5MHz  | 16QAM | 27015 | 1RB#0  | 4.97 | 13 | PASS |
| 26(824-849) | 5MHz  | QPSK  | 27015 | 25RB#0 | 5.44 | 13 | PASS |
| 26(824-849) | 5MHz  | 16QAM | 27015 | 25RB#0 | 6.08 | 13 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 1RB#0  | 5.37 | 13 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 1RB#0  | 5.92 | 13 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26840 | 50RB#0 | 5.75 | 13 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26840 | 50RB#0 | 6.44 | 13 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 1RB#0  | 5.03 | 13 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 1RB#0  | 5.60 | 13 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26915 | 50RB#0 | 5.75 | 13 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26915 | 50RB#0 | 6.42 | 13 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 1RB#0  | 5.00 | 13 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 1RB#0  | 5.28 | 13 | PASS |
| 26(824-849) | 10MHz | QPSK  | 26990 | 50RB#0 | 5.43 | 13 | PASS |
| 26(824-849) | 10MHz | 16QAM | 26990 | 50RB#0 | 6.15 | 13 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 1RB#0  | 5.37 | 13 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 1RB#0  | 5.98 | 13 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26865 | 75RB#0 | 5.99 | 13 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26865 | 75RB#0 | 6.43 | 13 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 1RB#0  | 5.53 | 13 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 1RB#0  | 6.06 | 13 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26915 | 75RB#0 | 5.99 | 13 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26915 | 75RB#0 | 6.40 | 13 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 1RB#0  | 5.04 | 13 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 1RB#0  | 5.31 | 13 | PASS |
| 26(824-849) | 15MHz | QPSK  | 26965 | 75RB#0 | 5.72 | 13 | PASS |
| 26(824-849) | 15MHz | 16QAM | 26965 | 75RB#0 | 6.26 | 13 | PASS |

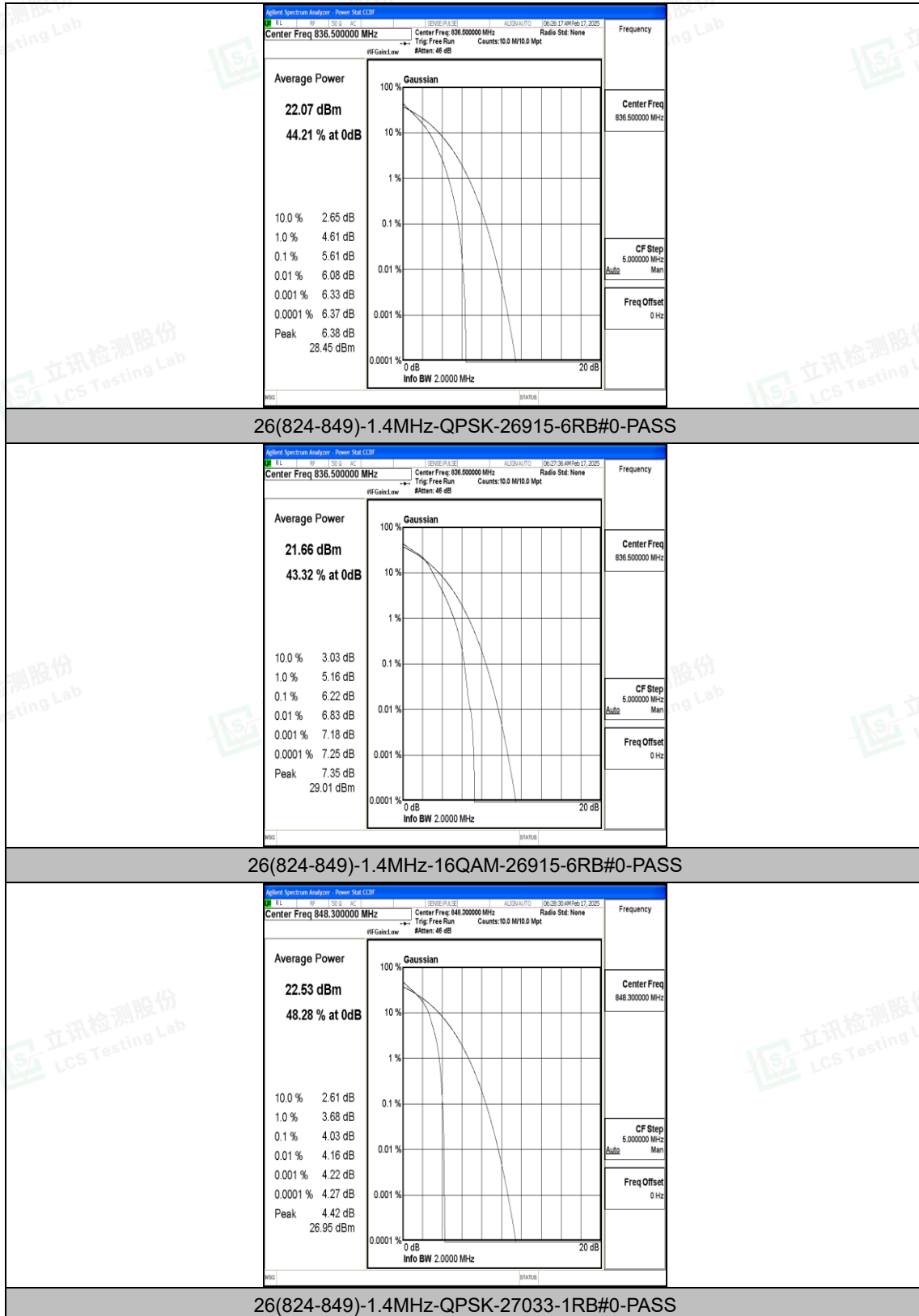


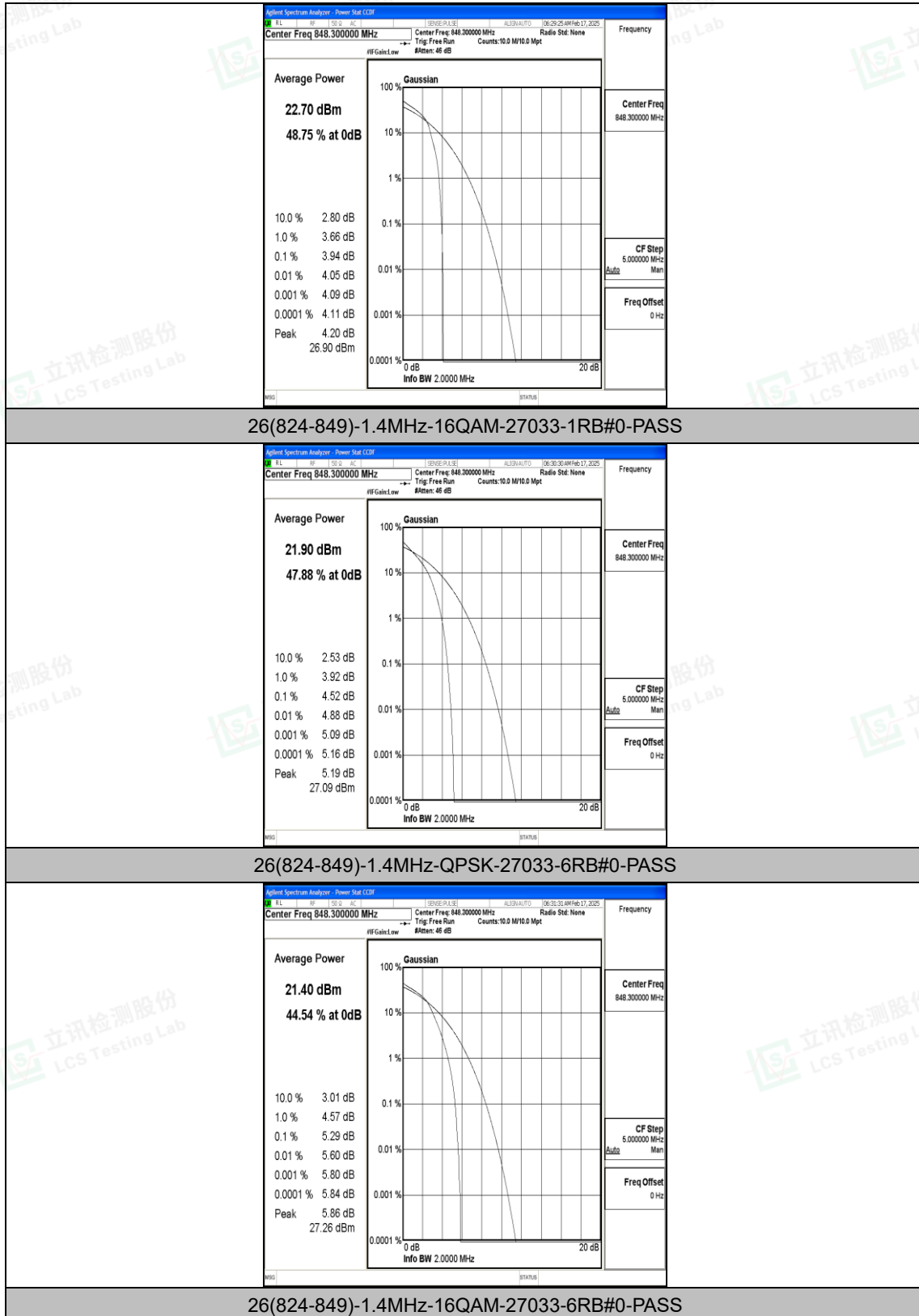


## Test Graphs

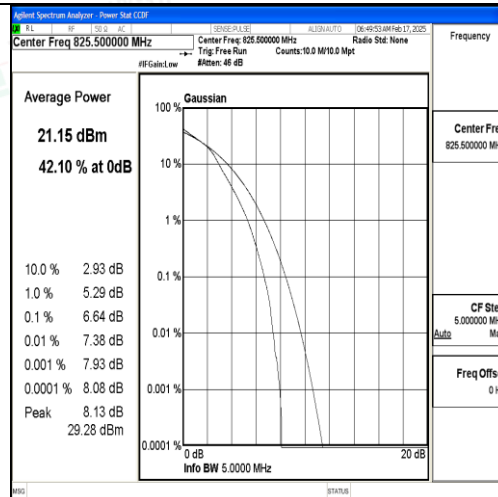




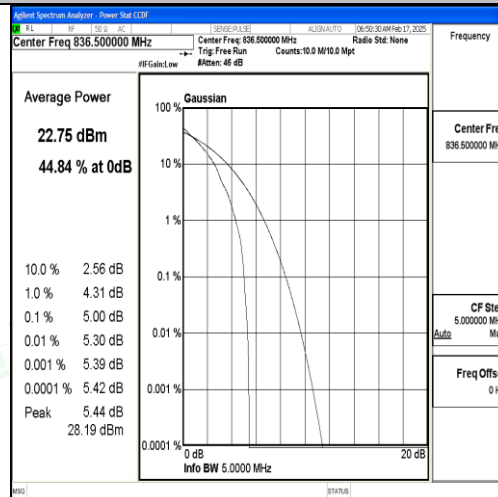




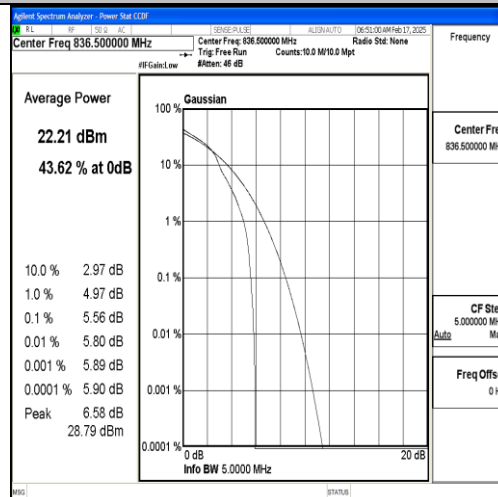




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26(824-849)-3MHz-QPSK-26915-1RB#0-PASS



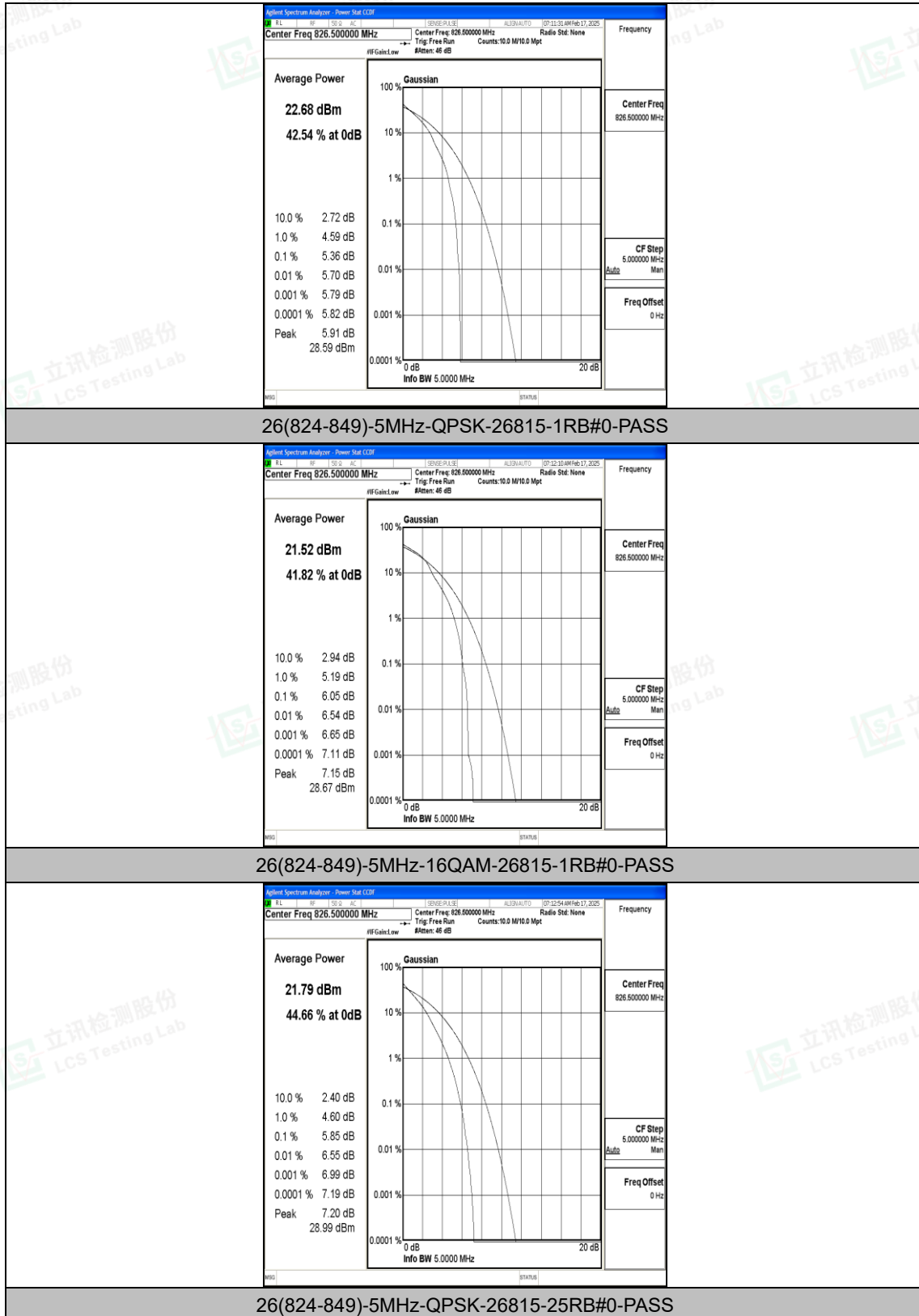
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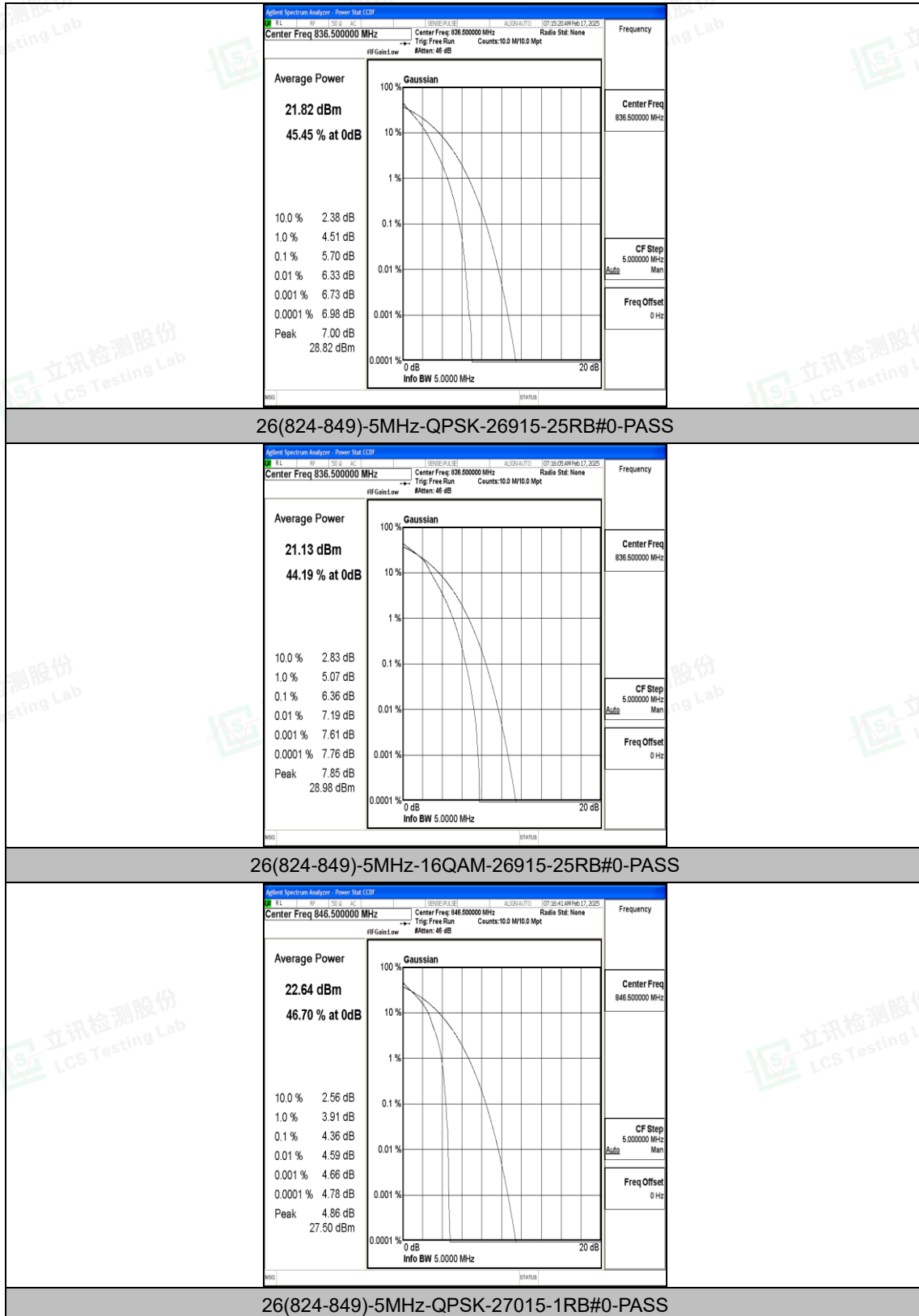
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518000, China  
Tel: +(86) 0755-82591330 | E-mail: [webmaster@lcs-cert.com](mailto:webmaster@lcs-cert.com) | Web: [www.lcs-cert.com](http://www.lcs-cert.com)  
Scan code to check authenticity

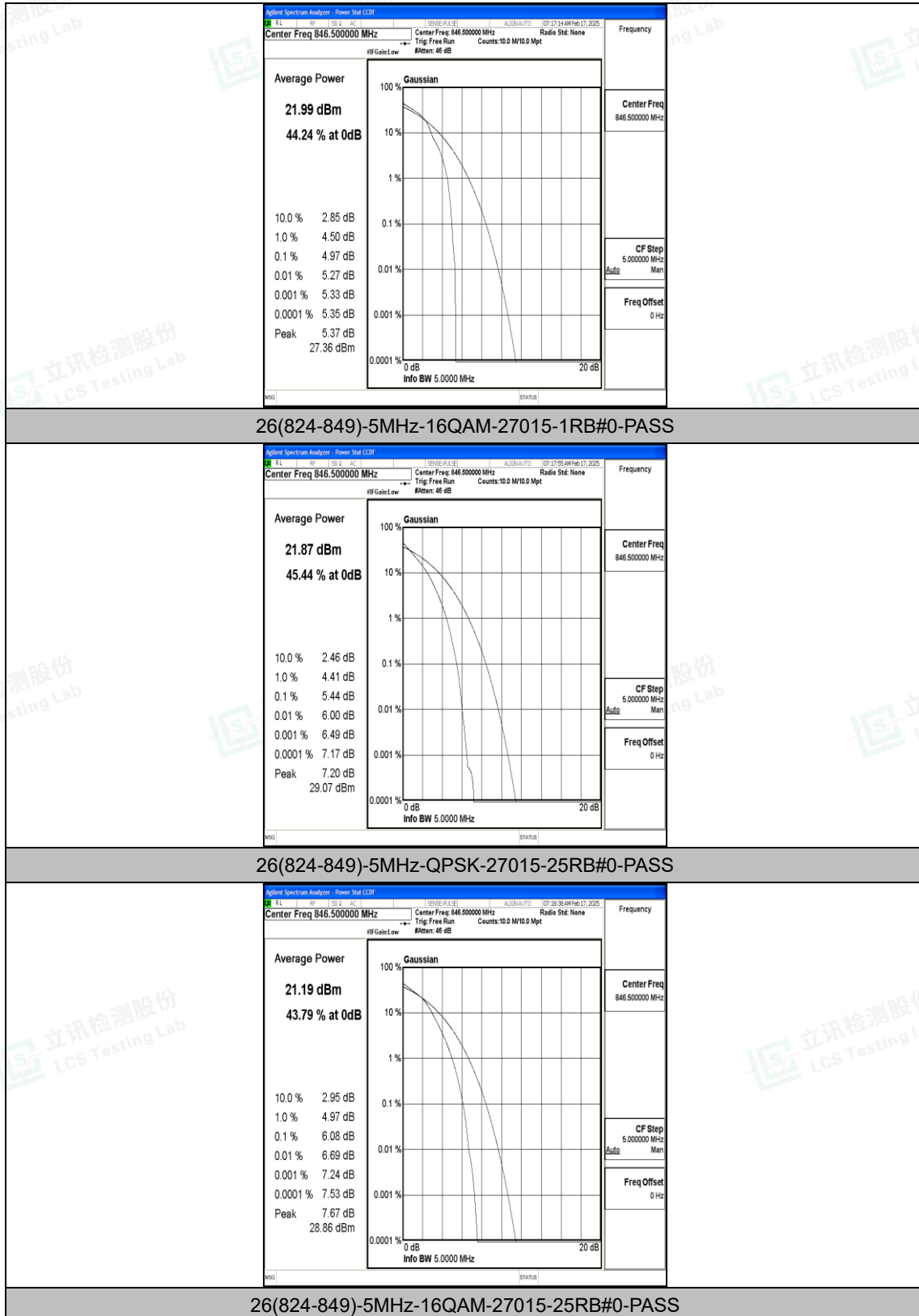






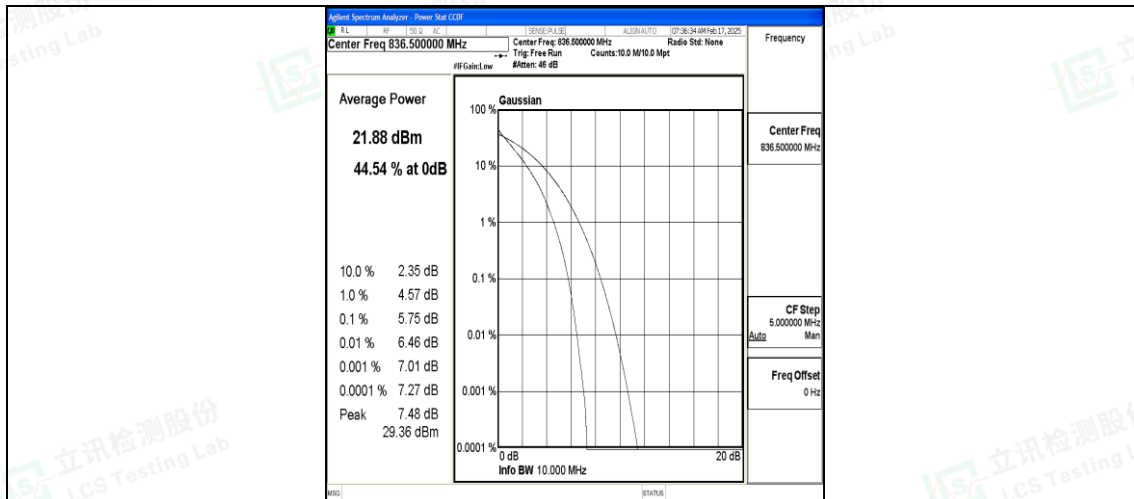




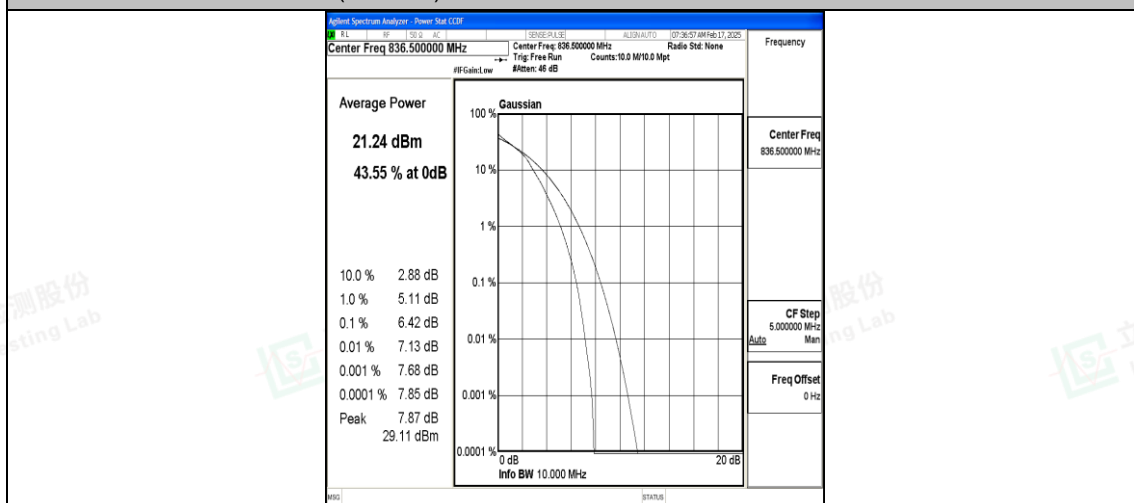




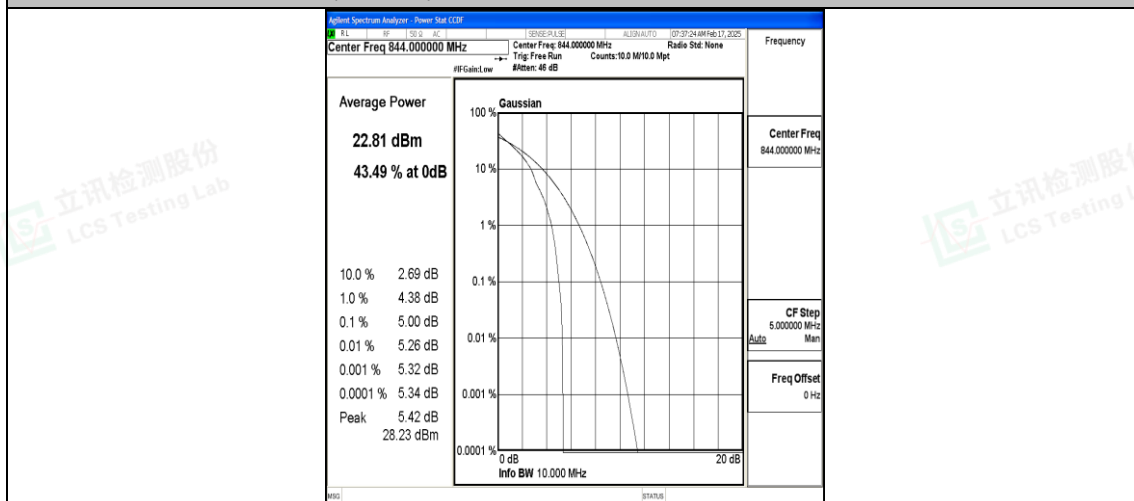




26(824-849)-10MHz-QPSK-26915-50RB#0-PASS

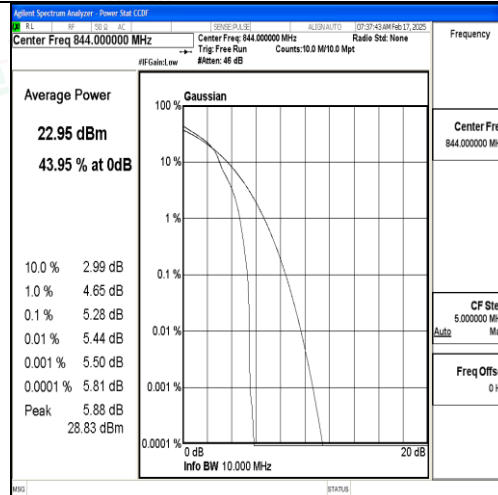


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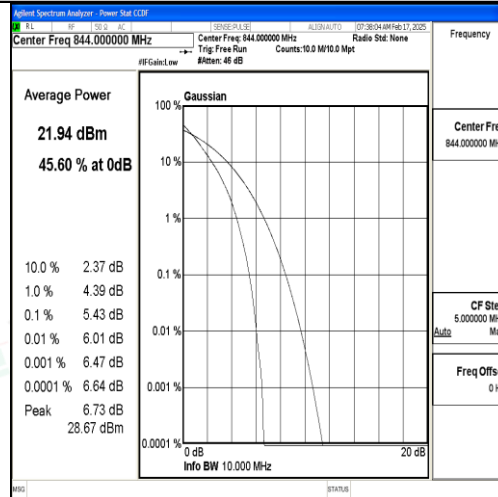


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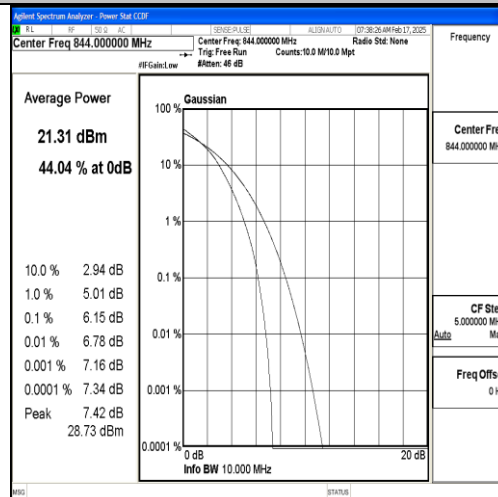




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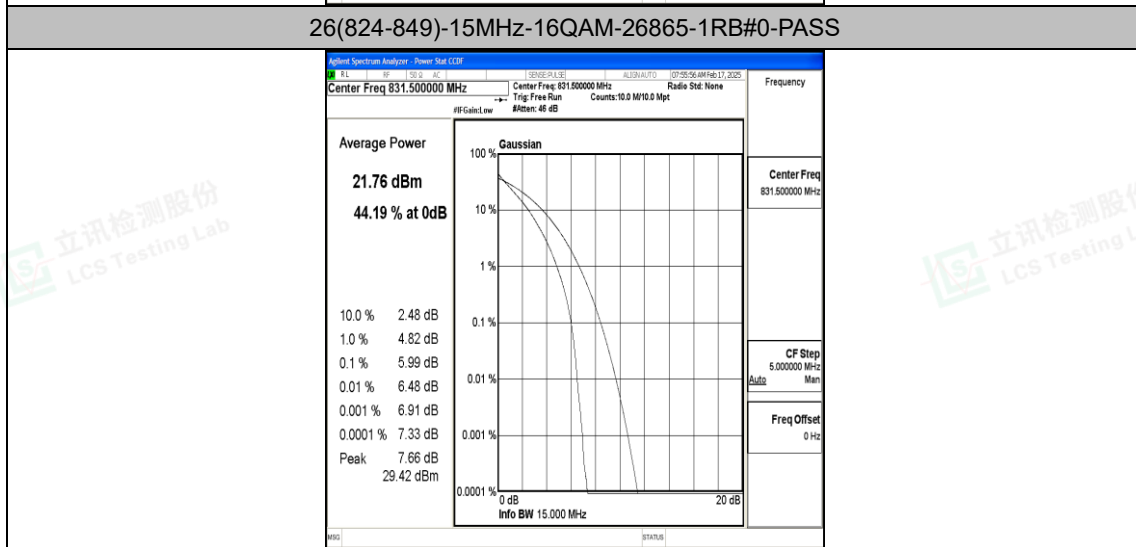
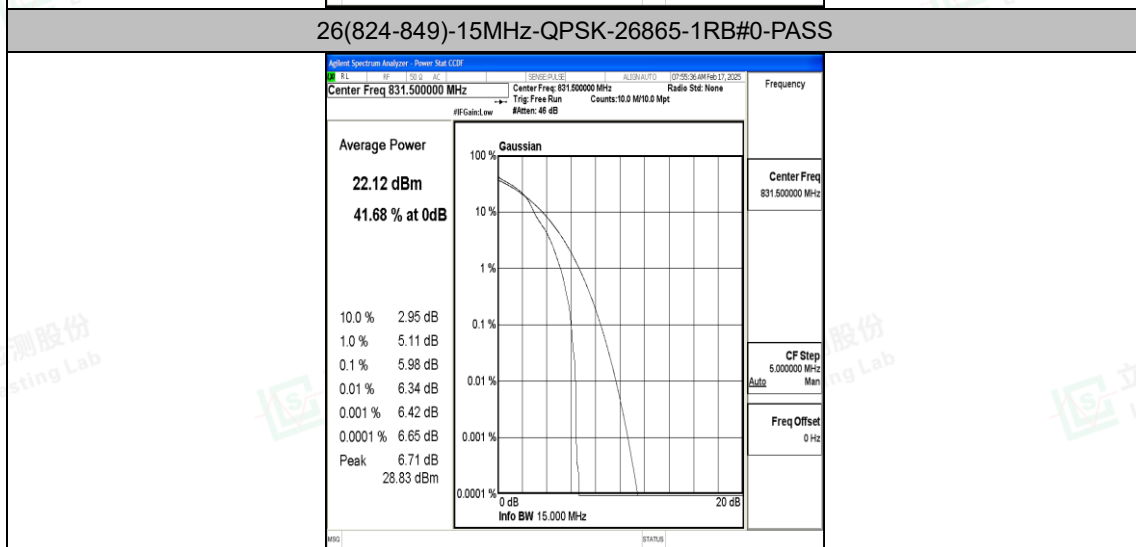
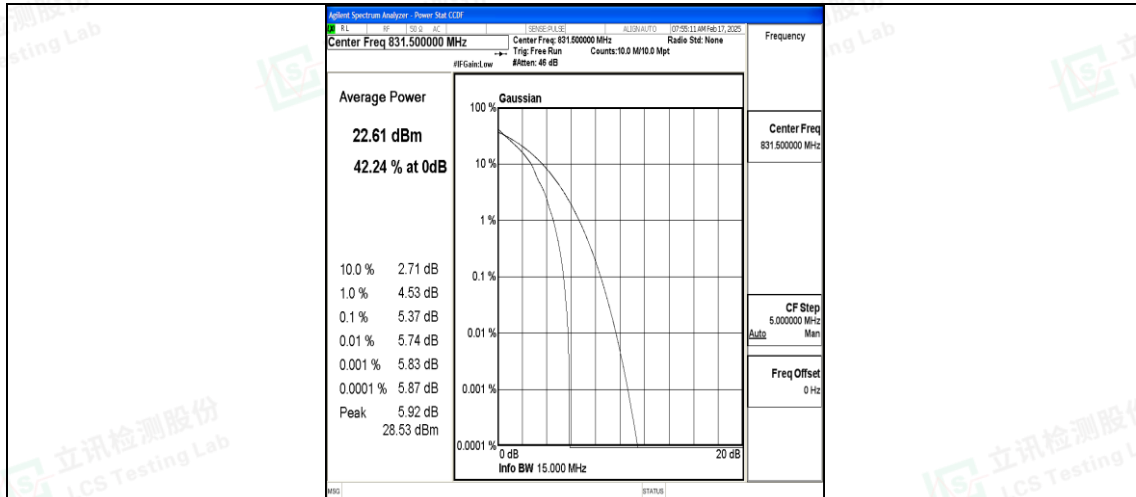


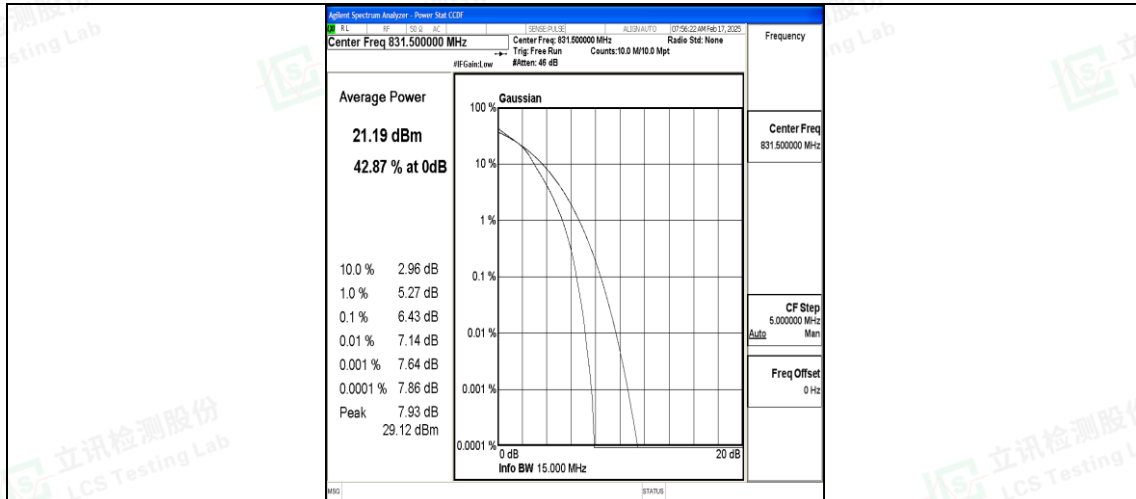
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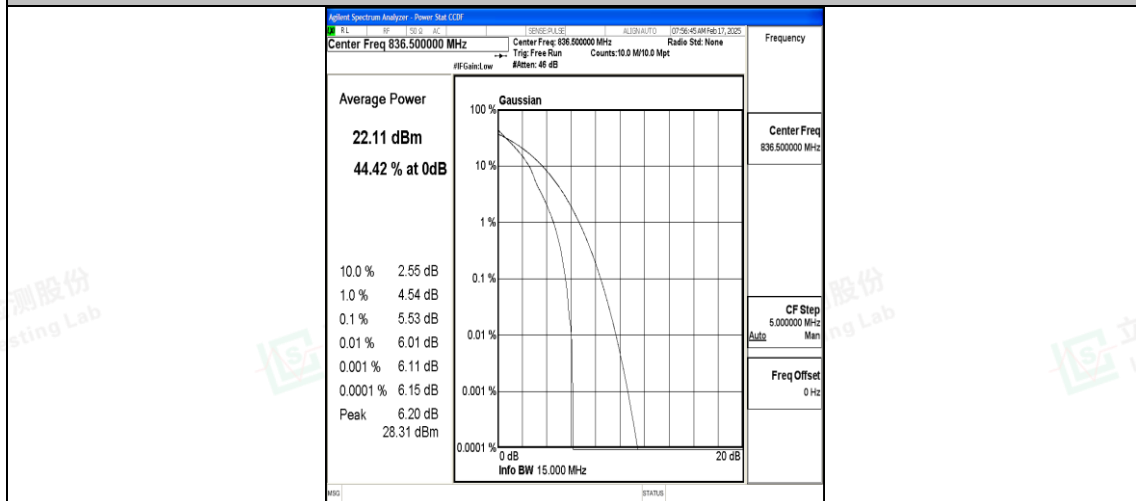
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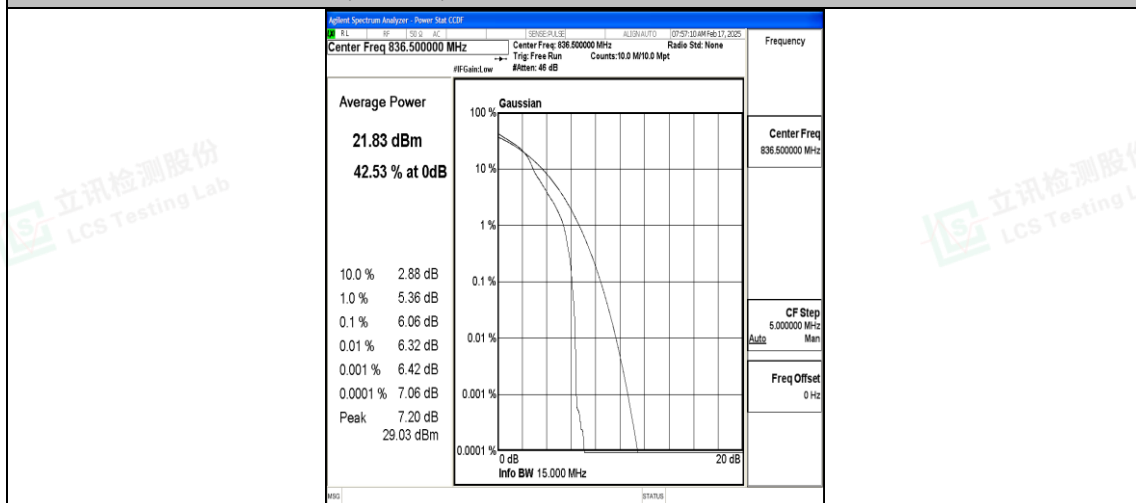




26(824-849)-15MHz-16QAM-26865-75RB#0-PASS



26(824-849)-15MHz-QPSK-26915-1RB#0-PASS



26(824-849)-15MHz-16QAM-26915-1RB#0-PASS

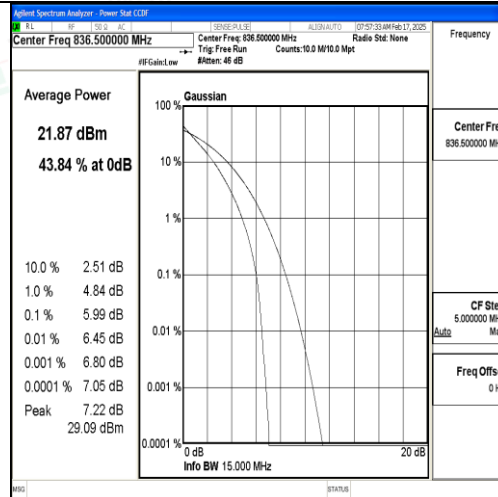


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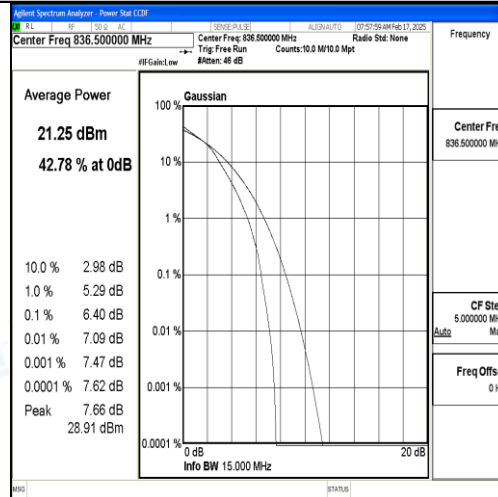
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

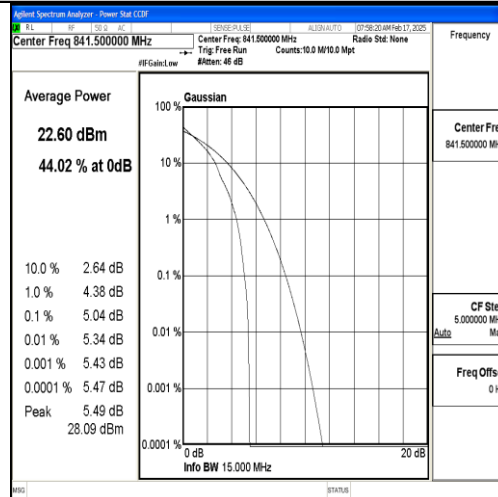
Scan code to check authenticity



26(824-849)-15MHz-QPSK-26915-75RB#0-PASS

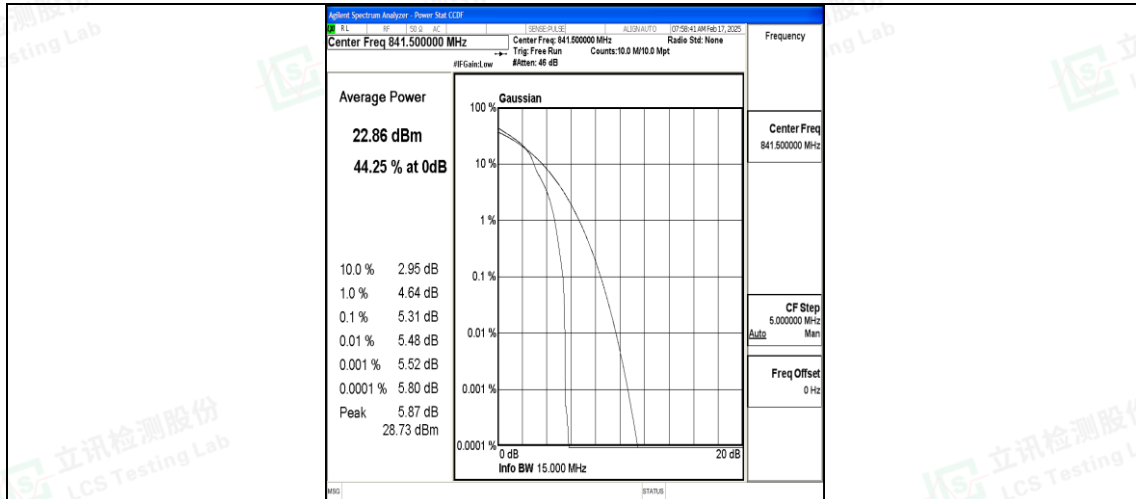


26(824-849)-15MHz-16QAM-26915-75RB#0-PASS

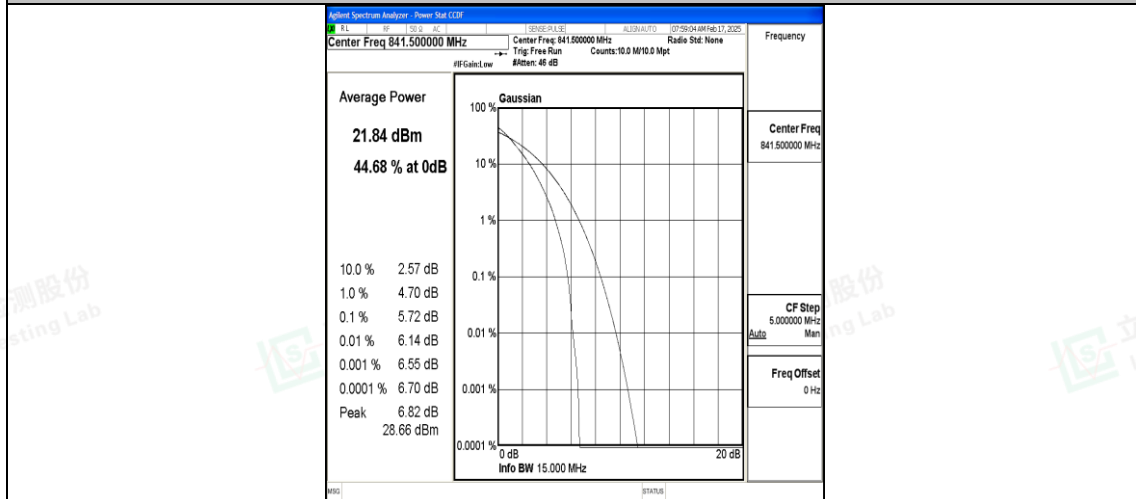


26(824-849)-15MHz-QPSK-26965-1RB#0-PASS

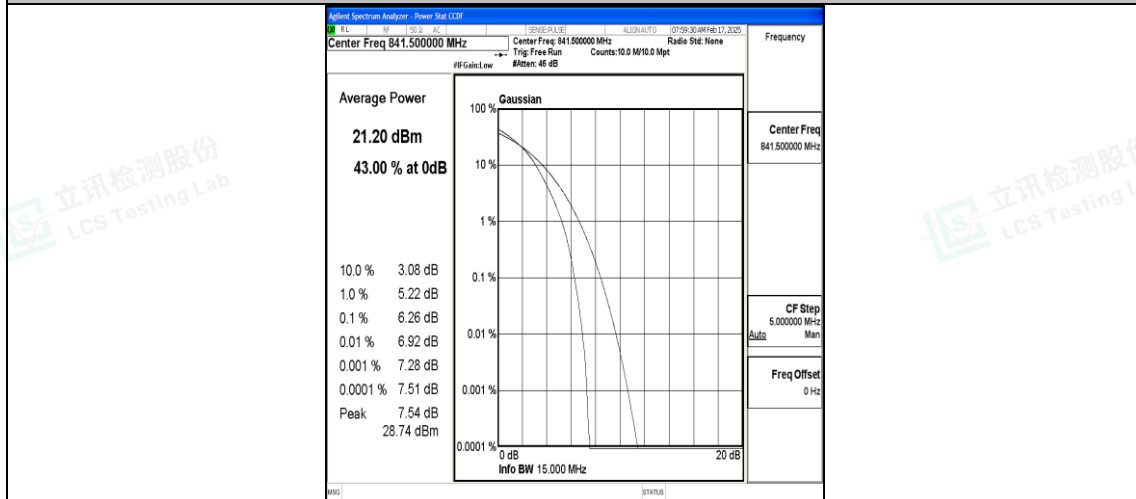




26(824-849)-15MHz-16QAM-26965-1RB#0-PASS



26(824-849)-15MHz-QPSK-26965-75RB#0-PASS



26(824-849)-15MHz-16QAM-26965-75RB#0-PASS





### K.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

| Band        | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 1.0966                   | 1.288                | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 1.1091                   | 1.302                | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 26915   | 6RB#0            | 1.0982                   | 1.294                | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 26915   | 6RB#0            | 1.1045                   | 1.354                | PASS    |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 6RB#0            | 1.1002                   | 1.281                | PASS    |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 6RB#0            | 1.0953                   | 1.353                | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 26805   | 15RB#0           | 2.7679                   | 3.422                | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 26805   | 15RB#0           | 2.7453                   | 3.254                | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 26915   | 15RB#0           | 2.7632                   | 3.446                | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 26915   | 15RB#0           | 2.7644                   | 3.576                | PASS    |
| 26(824-849) | 3MHz      | QPSK       | 27025   | 15RB#0           | 2.7533                   | 3.233                | PASS    |
| 26(824-849) | 3MHz      | 16QAM      | 27025   | 15RB#0           | 2.7767                   | 3.492                | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 26815   | 25RB#0           | 4.5369                   | 5.208                | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 26815   | 25RB#0           | 4.5311                   | 5.234                | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 26915   | 25RB#0           | 4.5180                   | 5.395                | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 26915   | 25RB#0           | 4.5251                   | 5.332                | PASS    |
| 26(824-849) | 5MHz      | QPSK       | 27015   | 25RB#0           | 4.5197                   | 5.330                | PASS    |
| 26(824-849) | 5MHz      | 16QAM      | 27015   | 25RB#0           | 4.5521                   | 5.393                | PASS    |
| 26(824-849) | 10MHz     | QPSK       | 26840   | 50RB#0           | 8.9848                   | 10.04                | PASS    |
| 26(824-849) | 10MHz     | 16QAM      | 26840   | 50RB#0           | 8.9745                   | 9.933                | PASS    |
| 26(824-849) | 10MHz     | QPSK       | 26915   | 50RB#0           | 9.0228                   | 10.20                | PASS    |
| 26(824-849) | 10MHz     | 16QAM      | 26915   | 50RB#0           | 9.0278                   | 10.51                | PASS    |
| 26(824-849) | 10MHz     | QPSK       | 26990   | 50RB#0           | 8.9633                   | 9.994                | PASS    |
| 26(824-849) | 10MHz     | 16QAM      | 26990   | 50RB#0           | 8.9731                   | 9.994                | PASS    |
| 26(824-849) | 15MHz     | QPSK       | 26865   | 75RB#0           | 13.486                   | 15.31                | PASS    |
| 26(824-849) | 15MHz     | 16QAM      | 26865   | 75RB#0           | 13.488                   | 14.93                | PASS    |
| 26(824-849) | 15MHz     | QPSK       | 26915   | 75RB#0           | 13.542                   | 15.63                | PASS    |
| 26(824-849) | 15MHz     | 16QAM      | 26915   | 75RB#0           | 13.489                   | 14.95                | PASS    |
| 26(824-849) | 15MHz     | QPSK       | 26965   | 75RB#0           | 13.423                   | 15.27                | PASS    |
| 26(824-849) | 15MHz     | 16QAM      | 26965   | 75RB#0           | 13.469                   | 15.13                | PASS    |



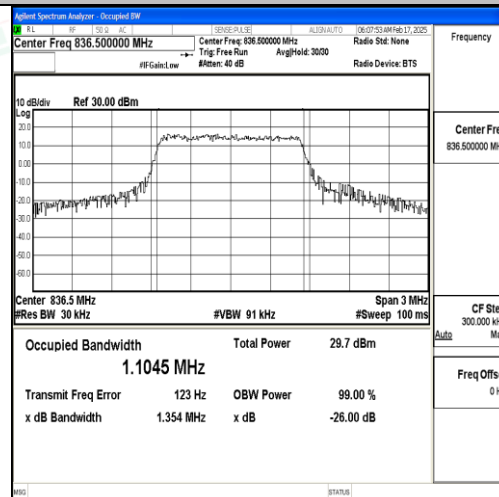


## Test Graphs

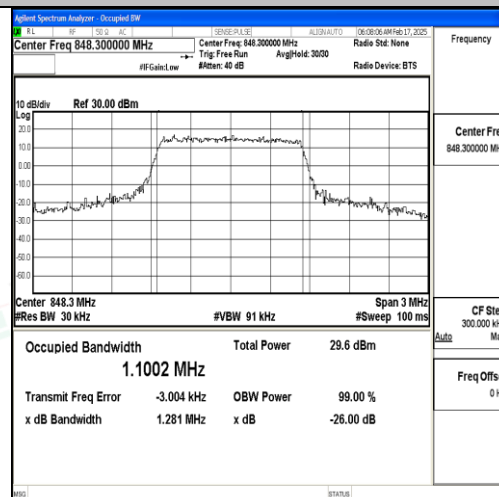




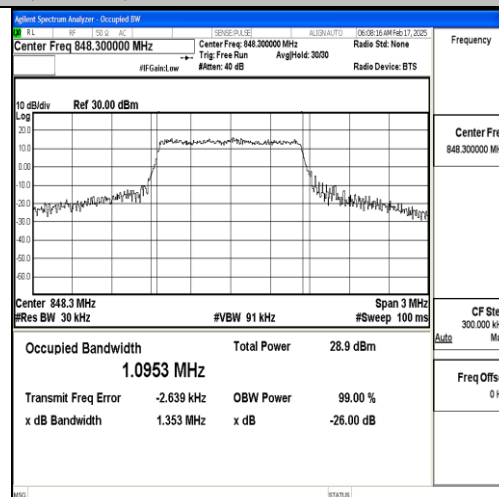
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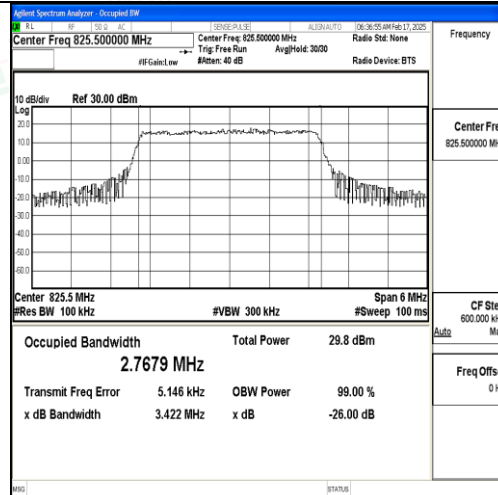


## 26(824-849)-1.4MHz-QPSK-27033-6RB#0-PASS

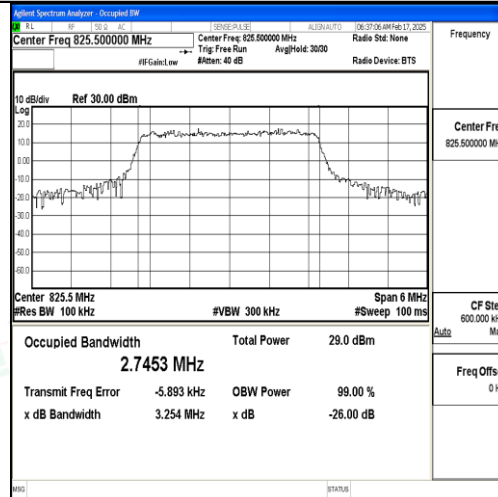


## 26(824-849)-1.4MHz-16QAM-27033-6RB#0-PASS

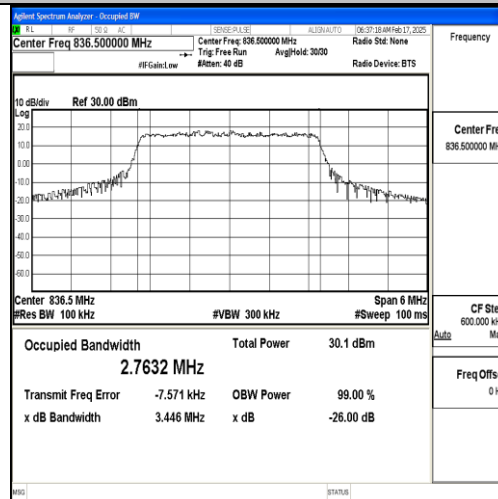




26(824-849)-3MHz-QPSK-26805-15RB#0-PASS

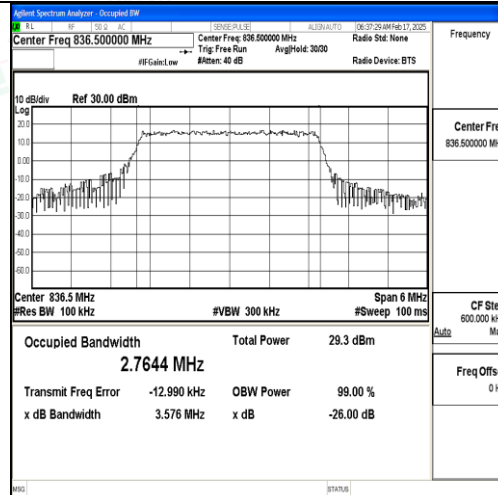


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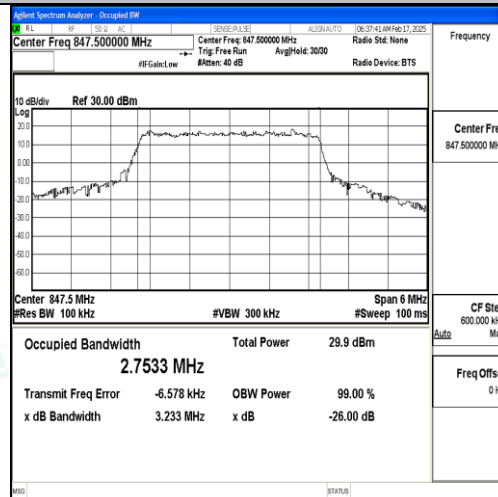


26(824-849)-3MHz-QPSK-26915-15RB#0-PASS

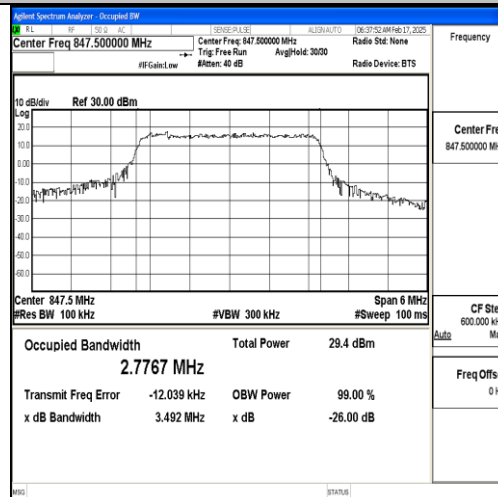




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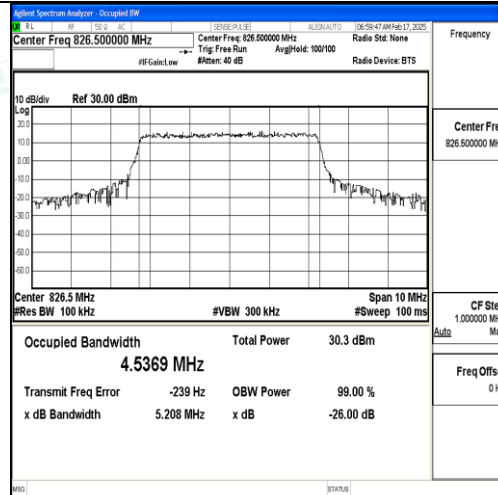


26(824-849)-3MHz-QPSK-27025-15RB#0-PASS

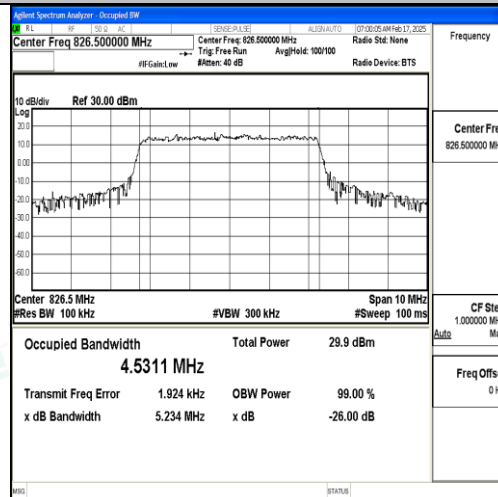


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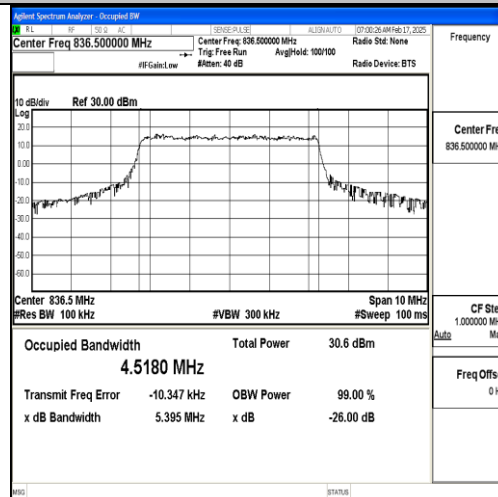




26(824-849)-5MHz-QPSK-26815-25RB#0-PASS

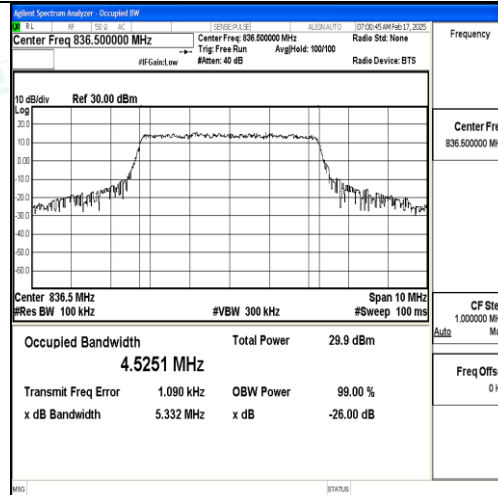


26(824-849)-5MHz-16QAM-26815-25RB#0-PASS

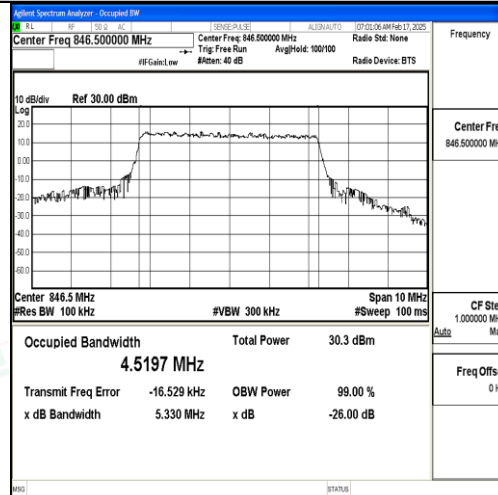


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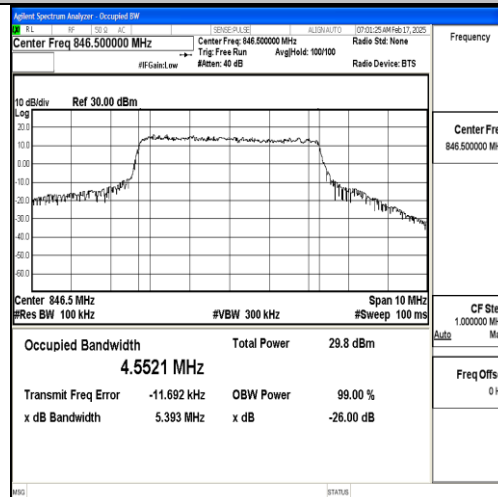




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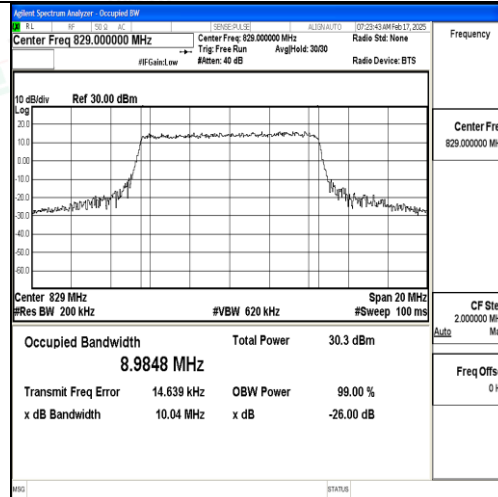


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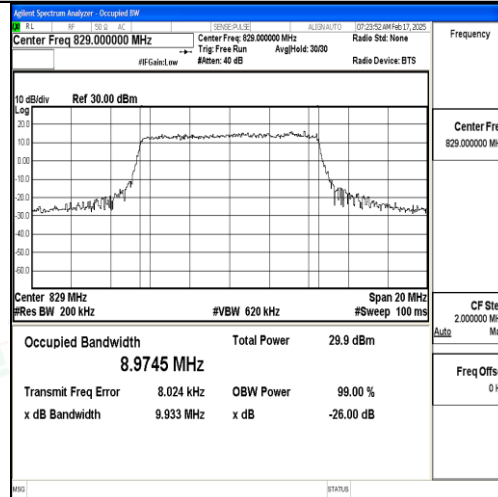


26(824-849)-5MHz-16QAM-27015-25RB#0-PASS

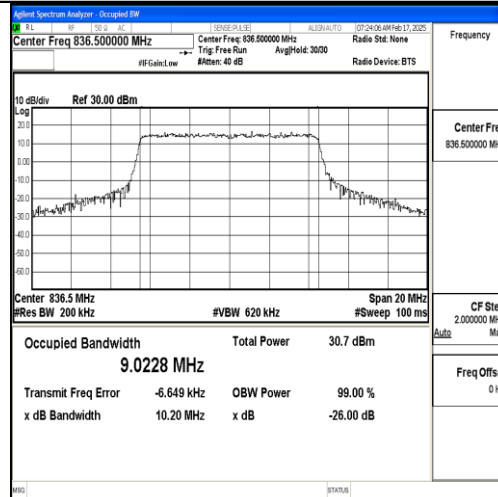




26(824-849)-10MHz-QPSK-26840-50RB#0-PASS



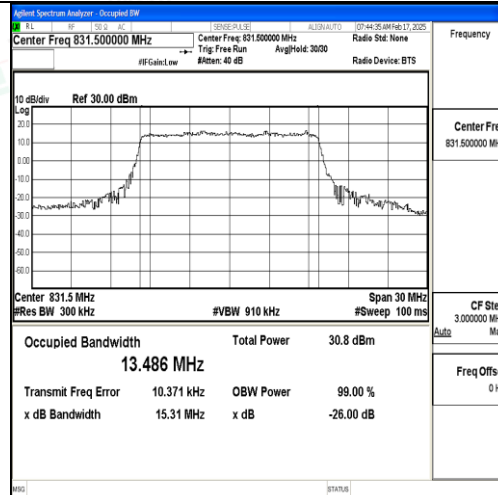
26(824-849)-10MHz-16QAM-26840-50RB#0-PASS



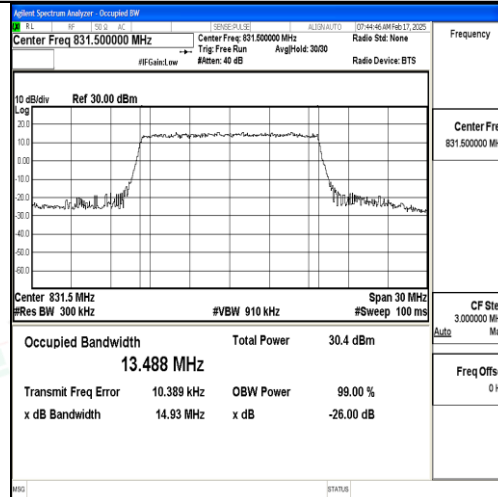
26(824-849)-10MHz-QPSK-26915-50RB#0-PASS



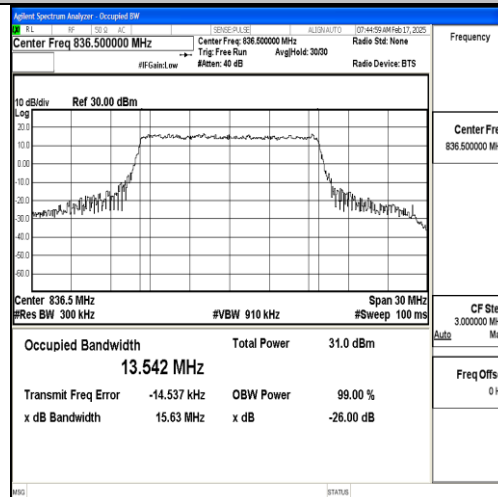




26(824-849)-15MHz-QPSK-26865-75RB#0-PASS

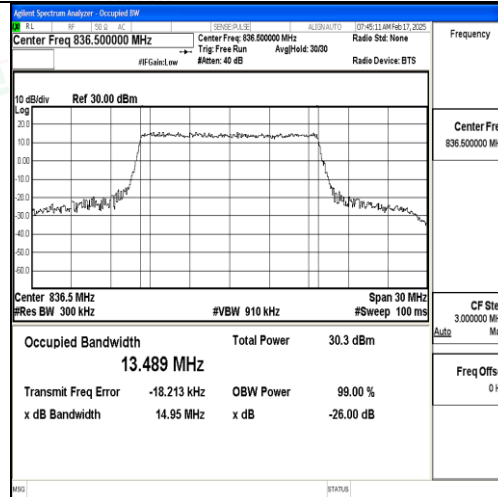


26(824-849)-15MHz-16QAM-26865-75RB#0-PASS

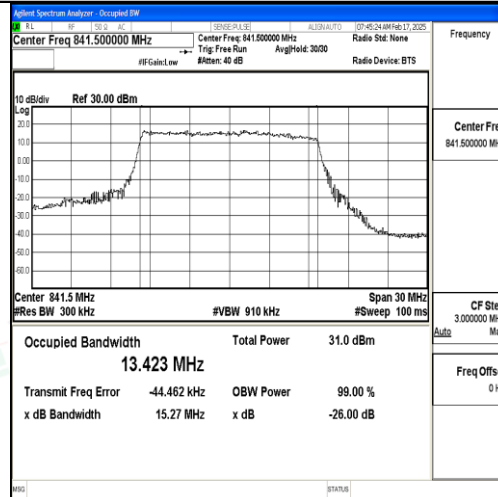


26(824-849)-15MHz-QPSK-26915-75RB#0-PASS

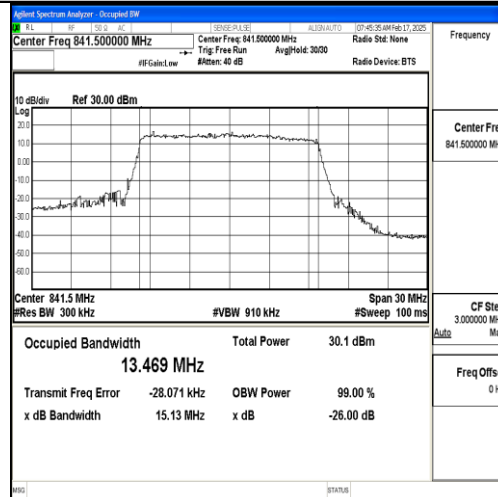




26(824-849)-15MHz-16QAM-26915-75RB#0-PASS



26(824-849)-15MHz-QPSK-26965-75RB#0-PASS



26(824-849)-15MHz-16QAM-26965-75RB#0-PASS





## K.4 Band Edge

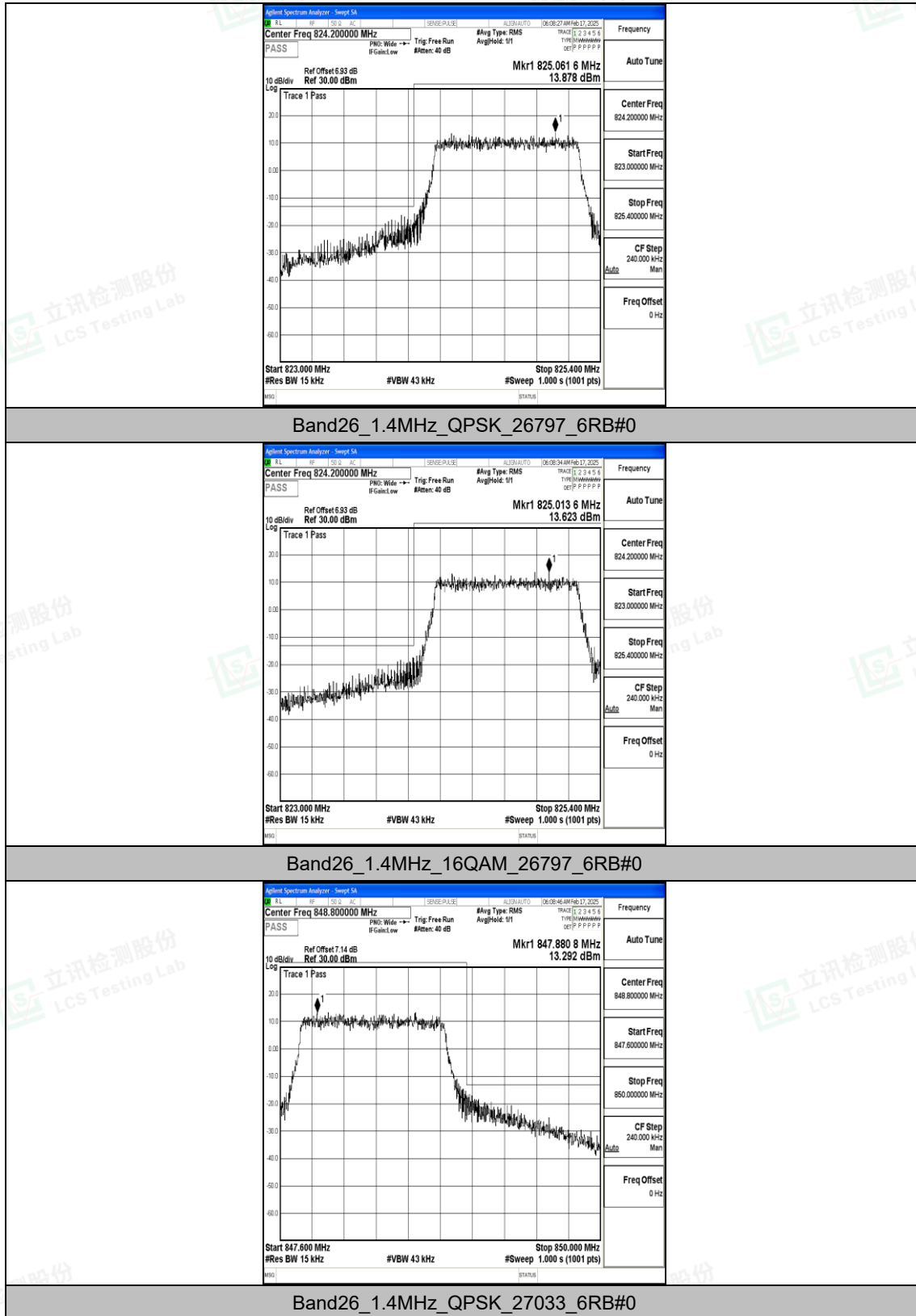
### Test Result

| Band        | Bandwidth | Modulation | Channel | RB Configuration | Peak Frenquency | Result(dBm) | Verdict     |
|-------------|-----------|------------|---------|------------------|-----------------|-------------|-------------|
| 26(824-849) | 1.4MHz    | QPSK       | 26797   | 6RB#0            | 823.91          | -16.35      | PASS        |
| 26(824-849) | 1.4MHz    | 16QAM      | 26797   | 6RB#0            | 824.00          | -17.44      | PASS        |
| 26(824-849) | 1.4MHz    | QPSK       | 27033   | 6RB#0            | 849.02          | -16.51      | PASS        |
| 26(824-849) | 1.4MHz    | 16QAM      | 27033   | 6RB#0            | 849.10          | -15.95      | PASS        |
| 26(824-849) | 3MHz      | QPSK       | 26805   | 15RB#0           | 824.00          | -17.30      | PASS        |
| 26(824-849) | 3MHz      | QPSK       | 27025   | 15RB#0           | 849.02          | -25.96      | PASS_Final1 |
| 26(824-849) | 5MHz      | QPSK       | 26815   | 25RB#0           | 823.95          | -29.48      | PASS_Final1 |
| 26(824-849) | 5MHz      | QPSK       | 26815   | 25RB#0           | 824.00          | -16.70      | PASS        |
| 26(824-849) | 5MHz      | 16QAM      | 26815   | 25RB#0           | 823.98          | -16.18      | PASS        |
| 26(824-849) | 5MHz      | QPSK       | 27015   | 25RB#0           | 849.02          | -17.89      | PASS        |
| 26(824-849) | 3MHz      | 16QAM      | 26805   | 15RB#0           | 824.00          | -15.87      | PASS        |
| 26(824-849) | 3MHz      | QPSK       | 27025   | 15RB#0           | 849.00          | -16.31      | PASS        |
| 26(824-849) | 3MHz      | 16QAM      | 27025   | 15RB#0           | 849.00          | -18.80      | PASS        |
| 26(824-849) | 5MHz      | QPSK       | 27015   | 25RB#0           | 849.03          | -29.93      | PASS_Final1 |
| 26(824-849) | 5MHz      | 16QAM      | 27015   | 25RB#0           | 849.03          | -29.53      | PASS_Final1 |
| 26(824-849) | 10MHz     | QPSK       | 26840   | 50RB#0           | 823.96          | -16.57      | PASS        |
| 26(824-849) | 10MHz     | 16QAM      | 26840   | 50RB#0           | 823.98          | -16.74      | PASS        |
| 26(824-849) | 10MHz     | QPSK       | 26990   | 50RB#0           | 849.01          | -13.40      | PASS        |
| 26(824-849) | 10MHz     | 16QAM      | 26990   | 50RB#0           | 849.10          | -15.11      | PASS        |
| 26(824-849) | 15MHz     | QPSK       | 26865   | 75RB#0           | 823.94          | -18.14      | PASS        |
| 26(824-849) | 5MHz      | 16QAM      | 27015   | 25RB#0           | 849.00          | -19.08      | PASS        |
| 26(824-849) | 15MHz     | 16QAM      | 26865   | 75RB#0           | 823.96          | -20.69      | PASS        |
| 26(824-849) | 15MHz     | QPSK       | 26965   | 75RB#0           | 849.02          | -17.08      | PASS        |
| 26(824-849) | 15MHz     | 16QAM      | 26965   | 75RB#0           | 849.01          | -20.77      | PASS        |
| 26(824-849) | 3MHz      | 16QAM      | 26805   | 15RB#0           | 823.99          | -22.48      | PASS_Final1 |

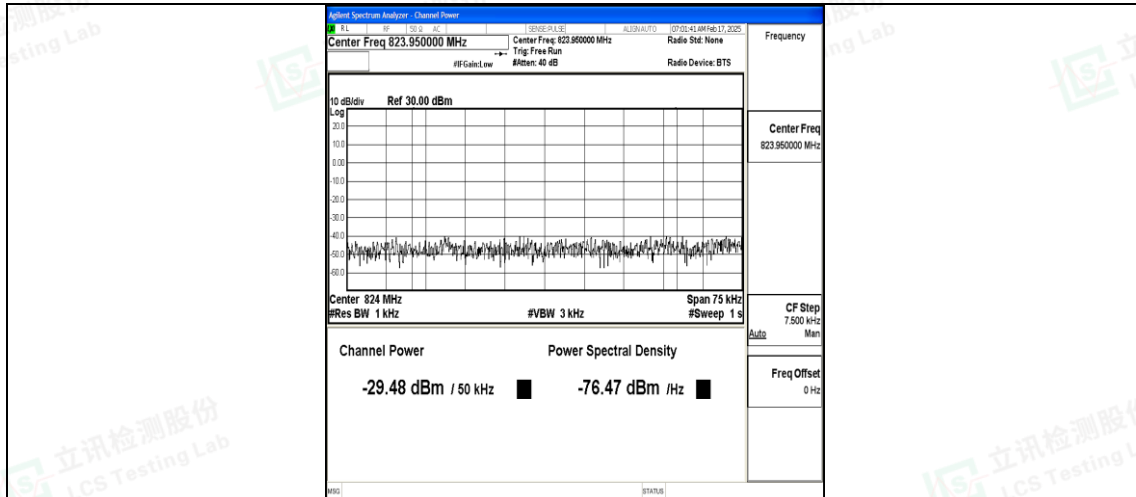




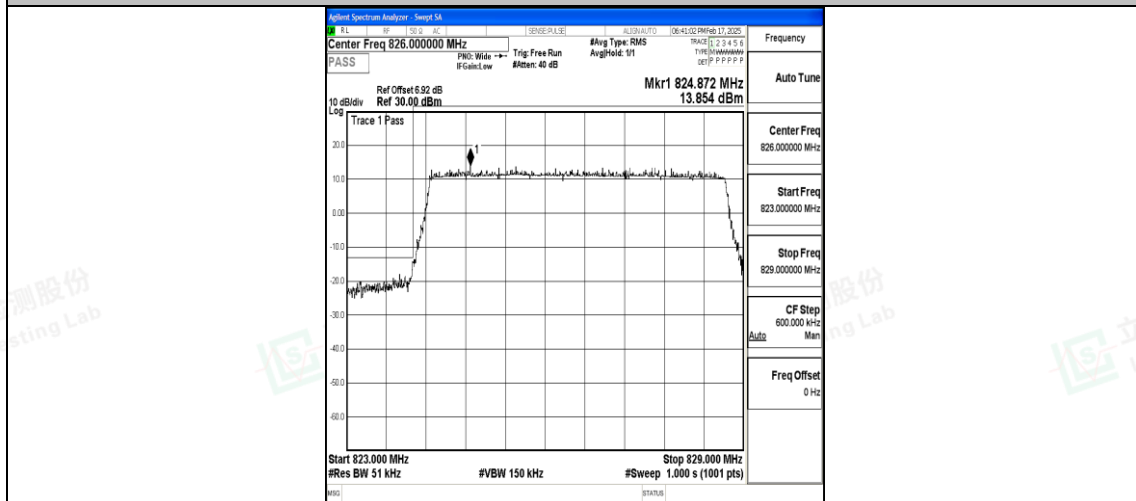
## Test Graphs



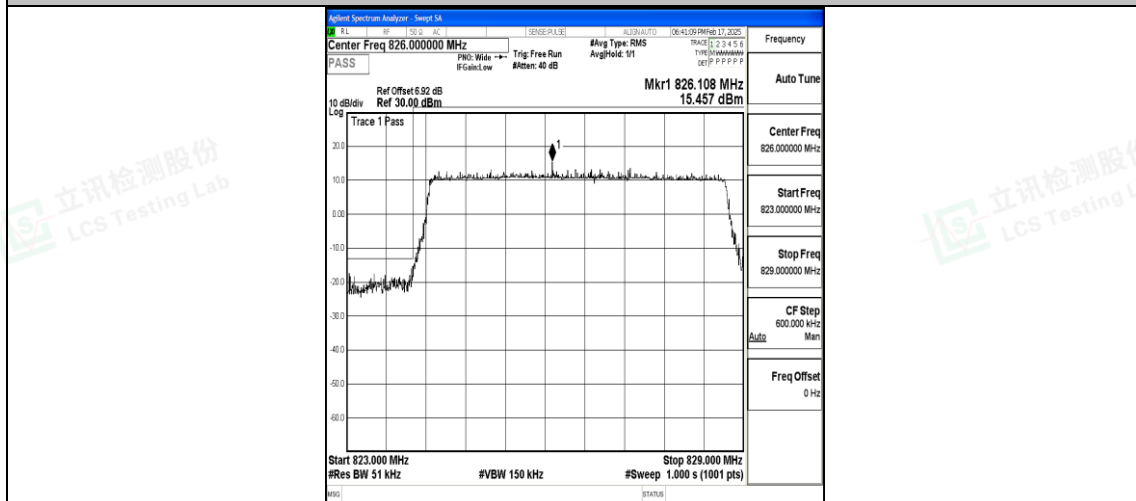




Band26\_5MHz\_QPSK\_26815\_25RB#0\_Final1



Band26\_5MHz\_QPSK\_26815\_25RB#0



Band26\_5MHz\_16QAM\_26815\_25RB#0



