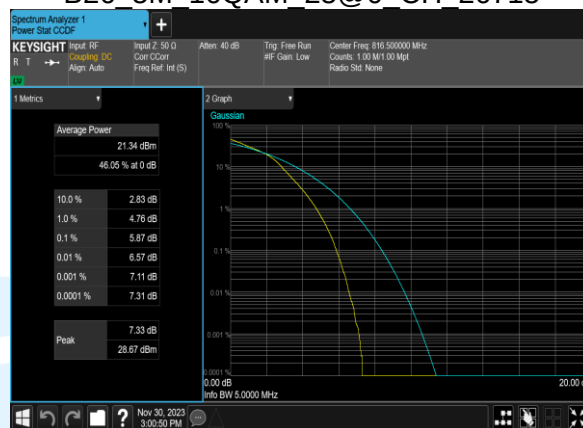


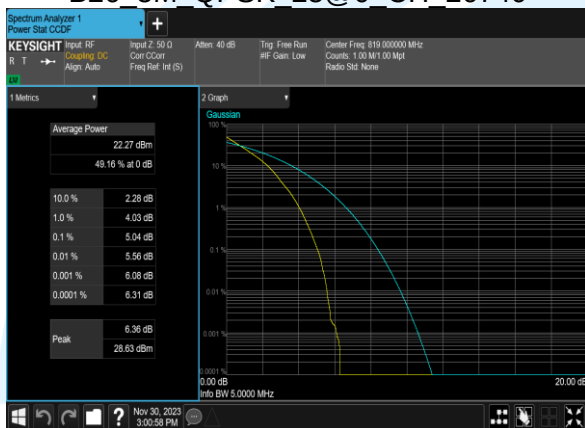
B26 5M QPSK 25@0 CH 26715



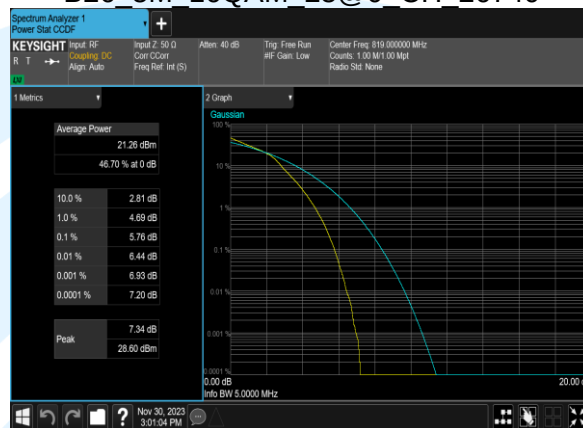
B26 5M 16QAM 25@0 CH 26715



B26 5M QPSK 25@0 CH 26740



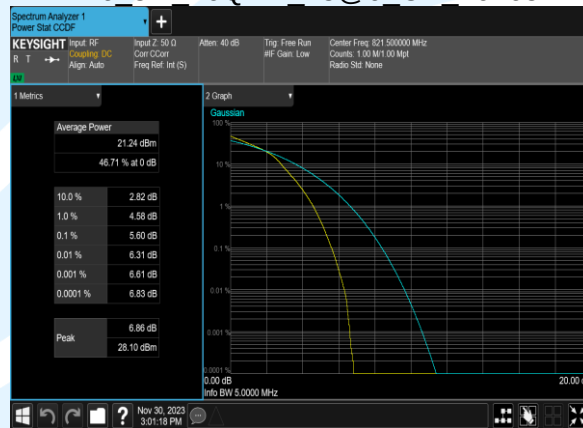
B26 5M 16QAM 25@0 CH 26740



B26 5M QPSK 25@0 CH 26765



B26 5M 16QAM 25@0 CH 26765



B26 3M QPSK 15@0 CH 26705

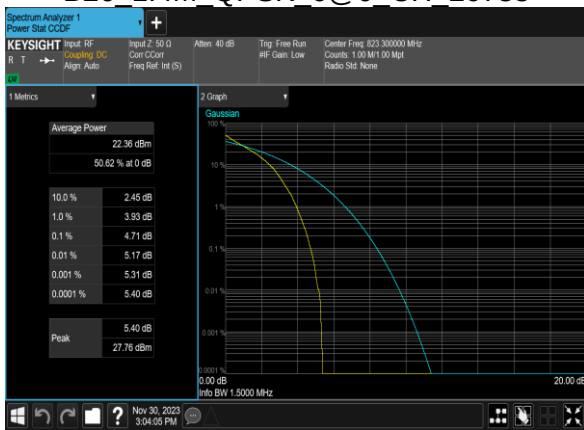


B26 3M 16QAM 15@0 CH 26705

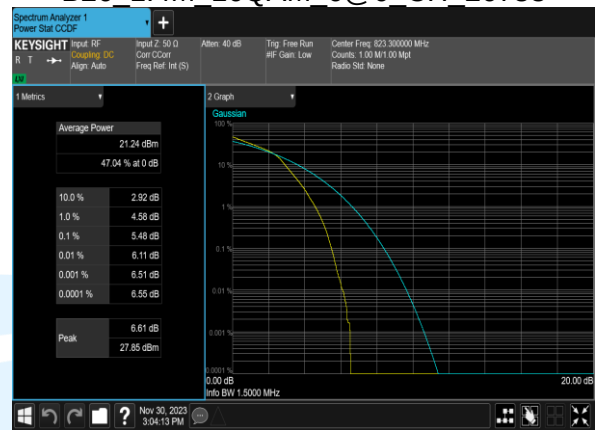




B26 1.4M QPSK 6@0 CH 26783



B26 1.4M 16QAM 6@0 CH 26783



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UTTR-RF-FCC4G-V1.1

## Occupied Bandwidth

| Band | Bandwidth (MHz) | Channel | Freq (MHz) | Modulation | RB   | OBW (MHz) | 26dB BW (MHz) |
|------|-----------------|---------|------------|------------|------|-----------|---------------|
| 26   | 15.0            | 26765   | 821.5      | QPSK       | 75@0 | 13.380    | 14.26         |
| 26   | 15.0            | 26765   | 821.5      | 16QAM      | 75@0 | 13.384    | 14.23         |
| 26   | 10.0            | 26740   | 819.0      | QPSK       | 50@0 | 8.9055    | 9.412         |
| 26   | 10.0            | 26740   | 819.0      | 16QAM      | 50@0 | 8.9063    | 9.356         |
| 26   | 5.0             | 26715   | 816.5      | QPSK       | 25@0 | 4.4484    | 4.778         |
| 26   | 5.0             | 26715   | 816.5      | 16QAM      | 25@0 | 4.4602    | 4.838         |
| 26   | 5.0             | 26740   | 819.0      | QPSK       | 25@0 | 4.4529    | 4.788         |
| 26   | 5.0             | 26740   | 819.0      | 16QAM      | 25@0 | 4.4485    | 4.760         |
| 26   | 5.0             | 26765   | 821.5      | QPSK       | 25@0 | 4.4673    | 4.752         |
| 26   | 5.0             | 26765   | 821.5      | 16QAM      | 25@0 | 4.4667    | 4.808         |
| 26   | 3.0             | 26705   | 815.5      | QPSK       | 15@0 | 2.6776    | 2.889         |
| 26   | 3.0             | 26705   | 815.5      | 16QAM      | 15@0 | 2.6736    | 2.898         |
| 26   | 3.0             | 26740   | 819.0      | QPSK       | 15@0 | 2.6677    | 2.895         |
| 26   | 3.0             | 26740   | 819.0      | 16QAM      | 15@0 | 2.6640    | 2.909         |
| 26   | 3.0             | 26775   | 822.5      | QPSK       | 15@0 | 2.6710    | 2.897         |
| 26   | 3.0             | 26775   | 822.5      | 16QAM      | 15@0 | 2.6788    | 2.894         |
| 26   | 1.4             | 26697   | 814.7      | QPSK       | 6@0  | 1.0776    | 1.236         |
| 26   | 1.4             | 26697   | 814.7      | 16QAM      | 6@0  | 1.0768    | 1.226         |
| 26   | 1.4             | 26740   | 819.0      | QPSK       | 6@0  | 1.0779    | 1.240         |
| 26   | 1.4             | 26740   | 819.0      | 16QAM      | 6@0  | 1.0801    | 1.244         |
| 26   | 1.4             | 26783   | 823.3      | QPSK       | 6@0  | 1.0811    | 1.245         |
| 26   | 1.4             | 26783   | 823.3      | 16QAM      | 6@0  | 1.0757    | 1.211         |

## Test Graphs

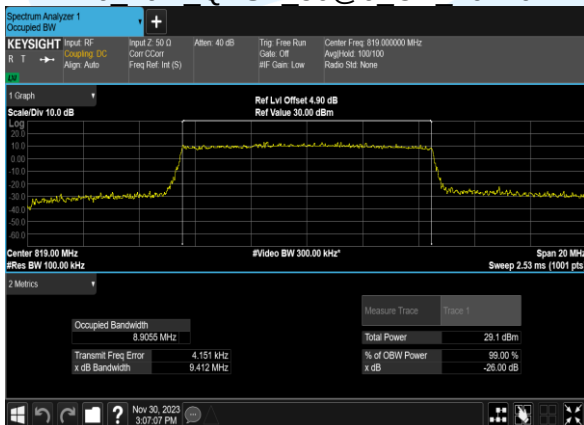
B26 15M QPSK 75@0 CH 26765



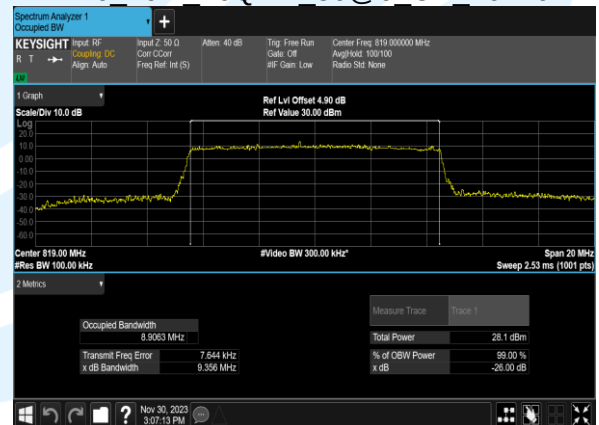
B26 15M 16QAM 75@0 CH 26765



B26 10M QPSK 50@0 CH 26740



B26 10M 16QAM 50@0 CH 26740



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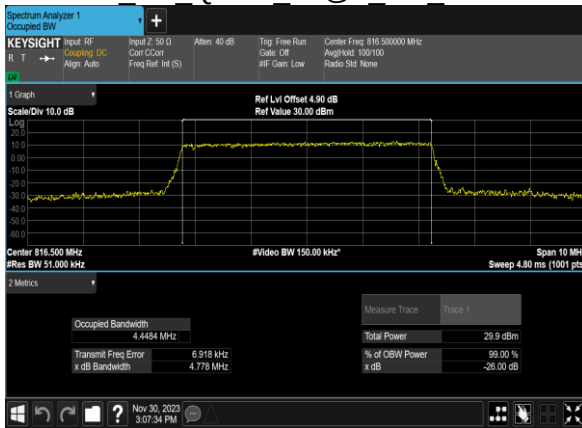
Fax: +86-755-28230886

E-mail: info@uttlab.com

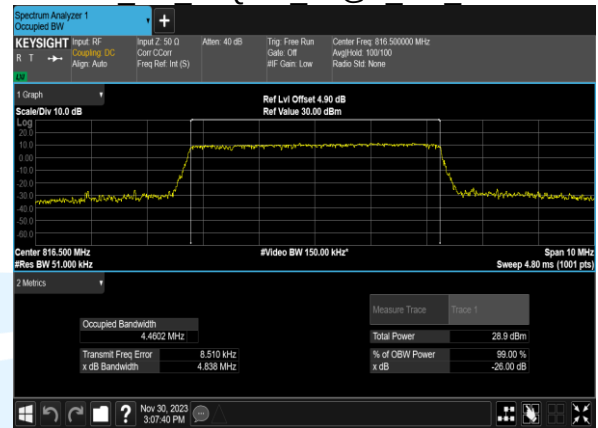
<http://www.uttlab.com>

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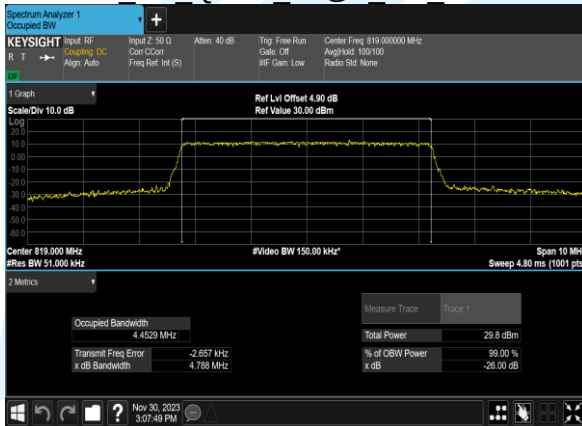
B26 5M QPSK 25@0 CH 26715



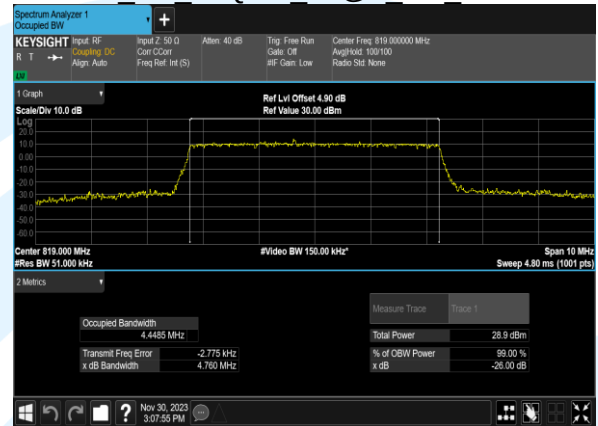
B26 5M 16QAM 25@0 CH 26715



B26 5M QPSK 25@0 CH 26740



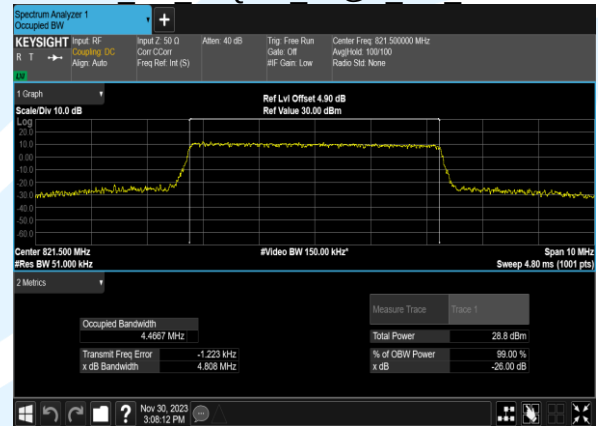
B26 5M 16QAM 25@0 CH 26740



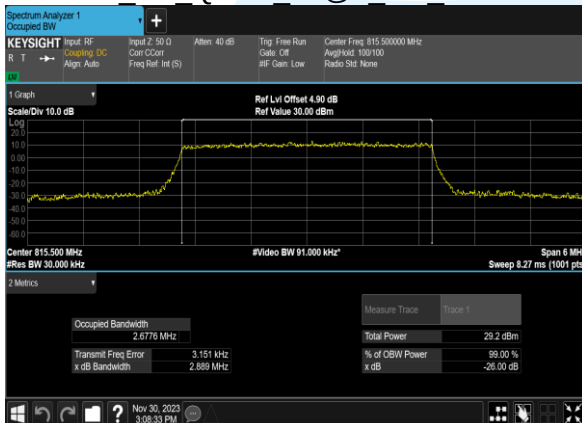
B26 5M QPSK 25@0 CH 26765



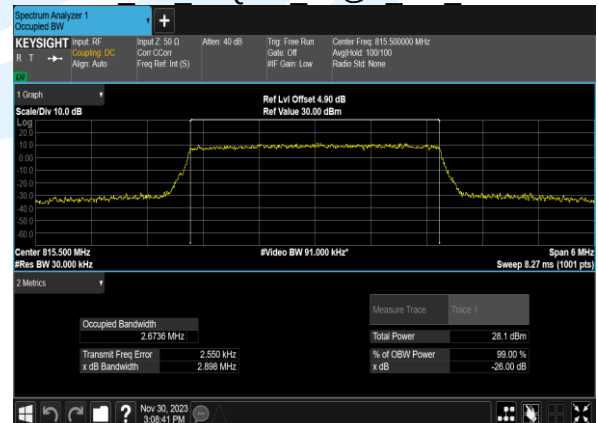
B26 5M 16QAM 25@0 CH 26765



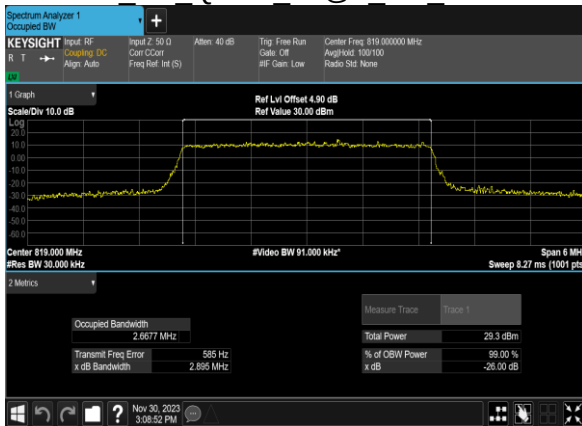
B26 3M QPSK 15@0 CH 26705



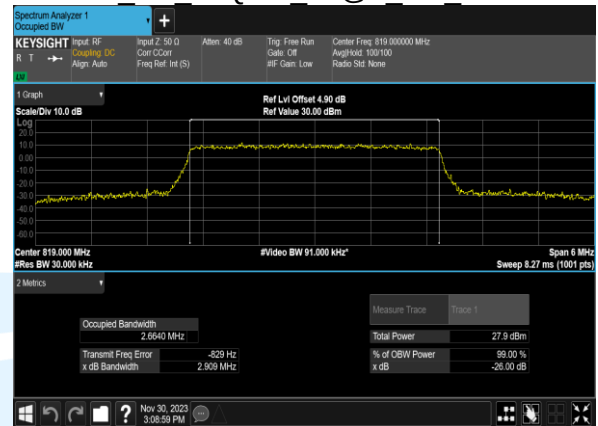
B26 3M 16QAM 15@0 CH 26705



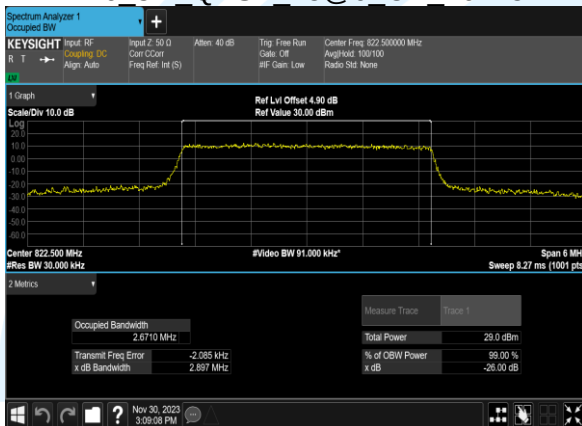
B26 3M QPSK 15@0 CH 26740



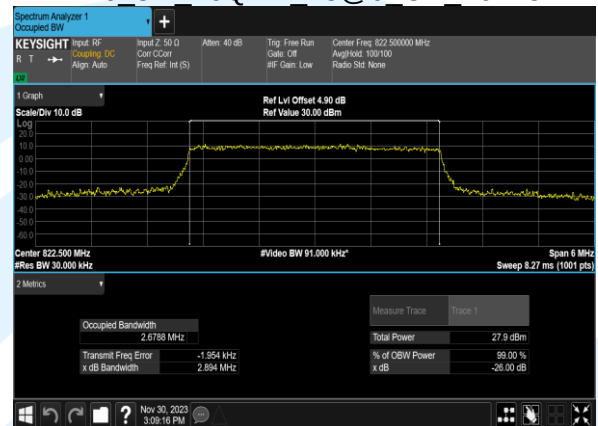
B26 3M 16QAM 15@0 CH 26740



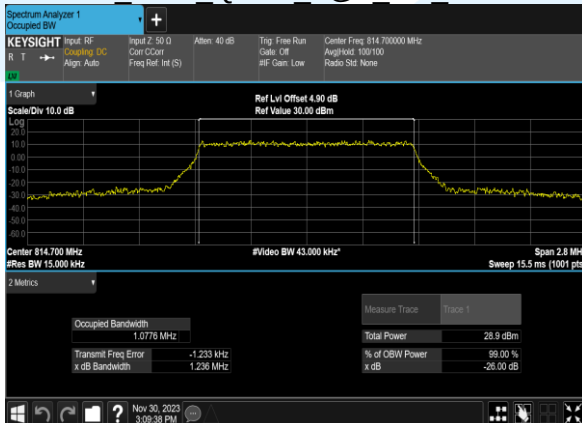
B26 3M QPSK 15@0 CH 26775



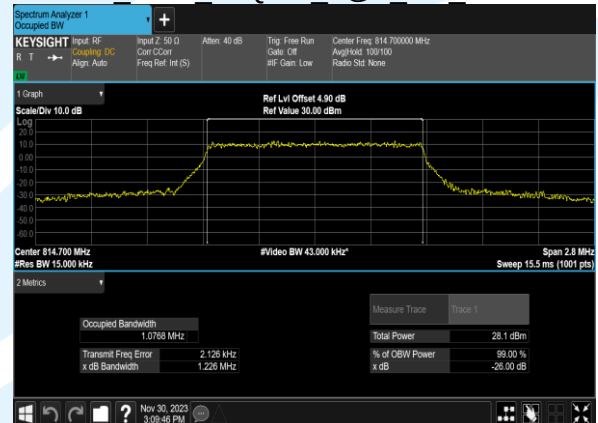
B26 3M 16QAM 15@0 CH 26775



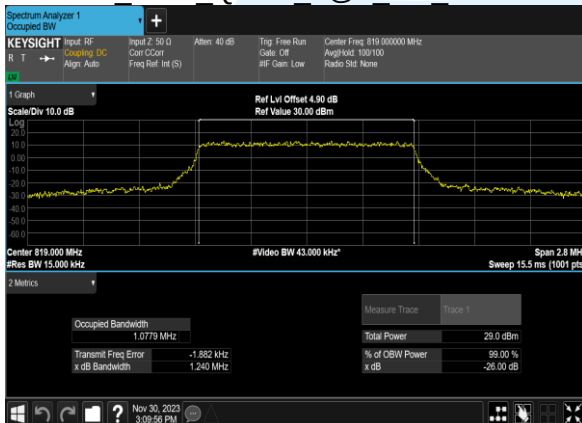
B26 1.4M QPSK 6@0 CH 26697



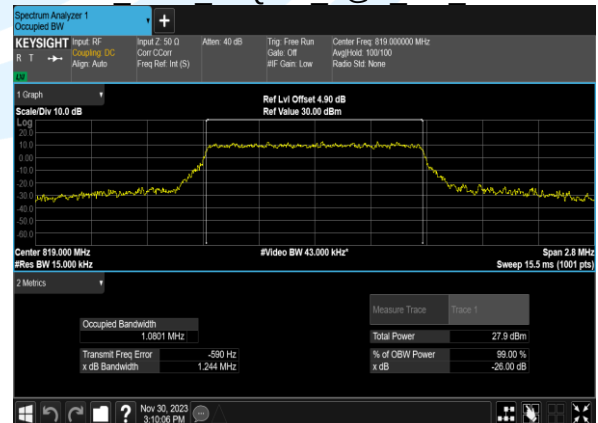
B26 1.4M 16QAM 6@0 CH 26697



B26 1.4M QPSK 6@0 CH 26740



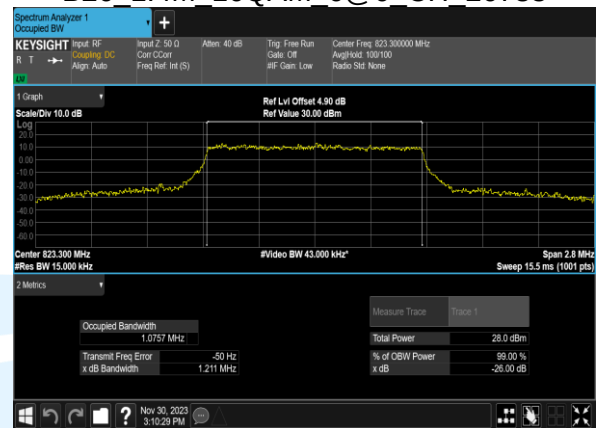
B26 1.4M 16QAM 6@0 CH 26740



B26 1.4M QPSK 6@0 CH 26783



B26 1.4M 16QAM 6@0 CH 26783



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## Conducted Spurious Emissions

| Band | Bandwidth (MHz) | Channel | Freq (MHz) | Modulation | RB  | Result (dBm) | Limit (dBm) | Verdict |
|------|-----------------|---------|------------|------------|-----|--------------|-------------|---------|
| 26   | 15.0            | 26765   | 821.5      | QPSK       | 1@0 | -31.49       | -13         | PASS    |
| 26   | 15.0            | 26765   | 821.5      | 16QAM      | 1@0 | -30.62       | -13         | PASS    |
| 26   | 10.0            | 26740   | 819.0      | QPSK       | 1@0 | -31.71       | -13         | PASS    |
| 26   | 10.0            | 26740   | 819.0      | 16QAM      | 1@0 | -30.43       | -13         | PASS    |
| 26   | 5.0             | 26740   | 819.0      | QPSK       | 1@0 | -30.49       | -13         | PASS    |
| 26   | 5.0             | 26740   | 819.0      | 16QAM      | 1@0 | -30.69       | -13         | PASS    |
| 26   | 5.0             | 26765   | 821.5      | QPSK       | 1@0 | -30.12       | -13         | PASS    |
| 26   | 5.0             | 26765   | 821.5      | 16QAM      | 1@0 | -30.65       | -13         | PASS    |
| 26   | 5.0             | 26715   | 816.5      | QPSK       | 1@0 | -30.34       | -13         | PASS    |
| 26   | 5.0             | 26715   | 816.5      | 16QAM      | 1@0 | -30.51       | -13         | PASS    |
| 26   | 3.0             | 26740   | 819.0      | QPSK       | 1@0 | -31.27       | -13         | PASS    |
| 26   | 3.0             | 26740   | 819.0      | 16QAM      | 1@0 | -30.99       | -13         | PASS    |
| 26   | 3.0             | 26775   | 822.5      | QPSK       | 1@0 | -31.02       | -13         | PASS    |
| 26   | 3.0             | 26775   | 822.5      | 16QAM      | 1@0 | -30.45       | -13         | PASS    |
| 26   | 3.0             | 26705   | 815.5      | QPSK       | 1@0 | -30.52       | -13         | PASS    |
| 26   | 3.0             | 26705   | 815.5      | 16QAM      | 1@0 | -30.37       | -13         | PASS    |
| 26   | 1.4             | 26740   | 819.0      | QPSK       | 1@0 | -30.71       | -13         | PASS    |
| 26   | 1.4             | 26740   | 819.0      | 16QAM      | 1@0 | -30.98       | -13         | PASS    |
| 26   | 1.4             | 26783   | 823.3      | QPSK       | 1@0 | -30.7        | -13         | PASS    |
| 26   | 1.4             | 26783   | 823.3      | 16QAM      | 1@0 | -30.39       | -13         | PASS    |
| 26   | 1.4             | 26697   | 814.7      | QPSK       | 1@0 | -31.25       | -13         | PASS    |
| 26   | 1.4             | 26697   | 814.7      | 16QAM      | 1@0 | -31.1        | -13         | PASS    |

## Test Graphs

B26 10M QPSK 1@0 CH 26740



B26 10M 16QAM 1@0 CH 26740



B26 5M QPSK 1@0 CH 26740



B26 5M 16QAM 1@0 CH 26740



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B26 5M QPSK 1@0 CH 26765



B26 5M 16QAM 1@0 CH 26765



B26 3M QPSK 1@0 CH 26740



B26 3M 16QAM 1@0 CH 26740



B26 3M QPSK 1@0 CH 26775



B26 3M 16QAM 1@0 CH 26775



B26 1.4M QPSK 1@0 CH 26740



B26 1.4M 16QAM 1@0 CH 26740



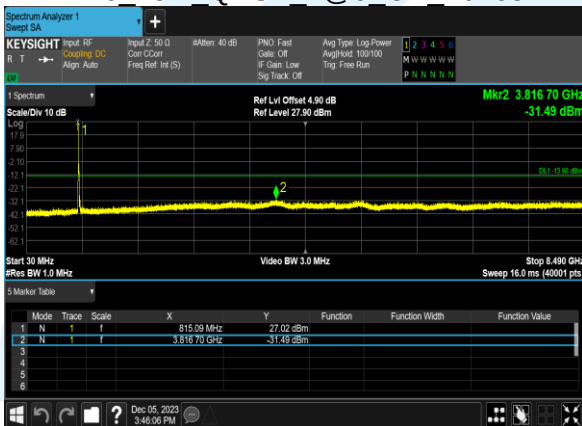
B26 1.4M QPSK 1@0 CH 26783



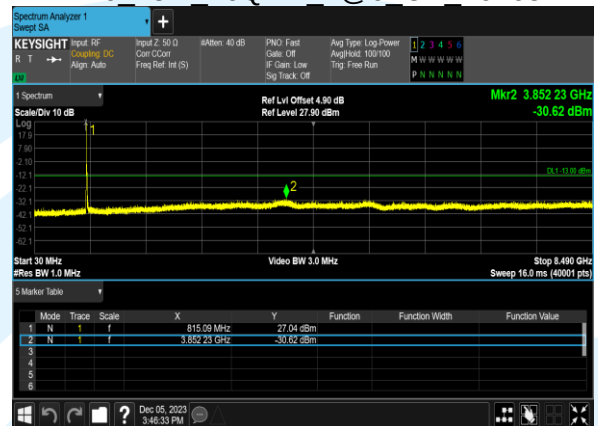
B26 1.4M 16QAM 1@0 CH 26783



B26 15M QPSK 1@0 CH 26765



B26 15M 16QAM 1@0 CH 26765



B26 5M QPSK 1@0 CH 26715



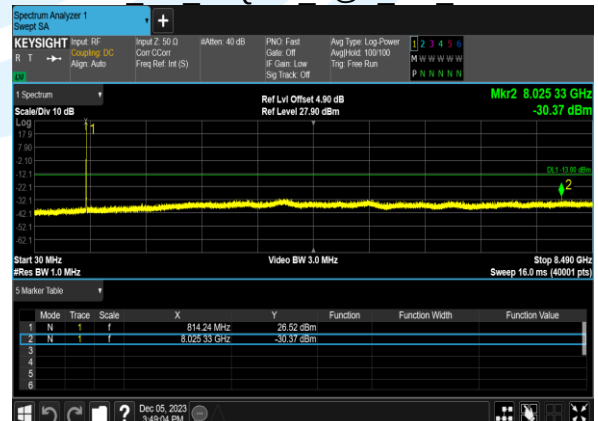
B26 5M 16QAM 1@0 CH 26715



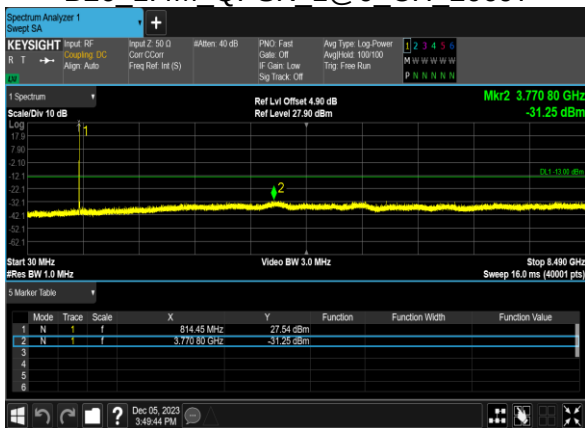
B26 3M QPSK 1@0 CH 26705



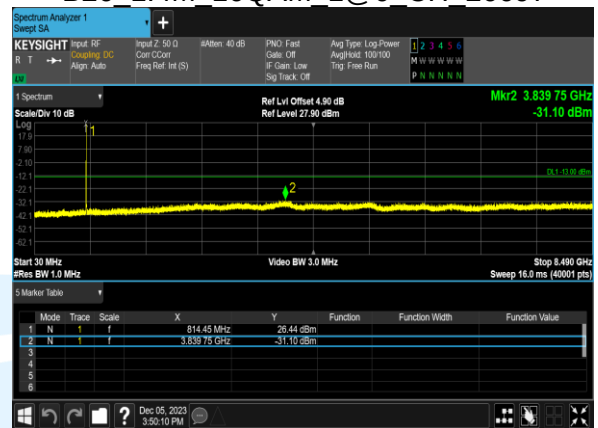
B26 3M 16QAM 1@0 CH 26705



B26 1.4M QPSK 1@0 CH 26697



B26 1.4M 16QAM 1@0 CH 26697



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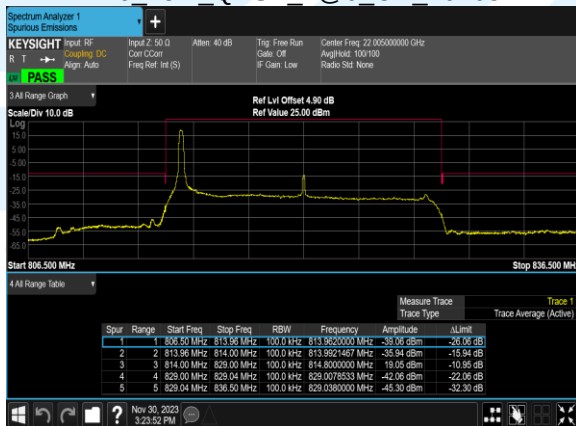
UTTR-RF-FCC4G-V1.1

## Conducted Band Edge

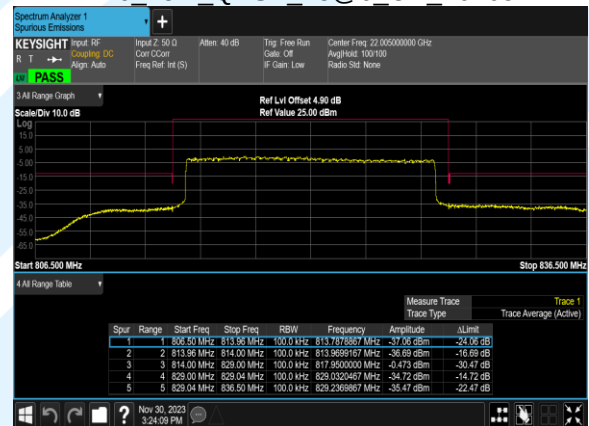
| Band | Bandwidth (MHz) | Channel | Freq (MHz) | Modulation | RB   | Result    | Verdict |
|------|-----------------|---------|------------|------------|------|-----------|---------|
| 26   | 15.0            | 26765   | 821.5      | QPSK       | 1@0  | see graph | PASS    |
| 26   | 15.0            | 26765   | 821.5      | QPSK       | 75@0 | see graph | PASS    |
| 26   | 15.0            | 26765   | 821.5      | 16QAM      | 1@0  | see graph | PASS    |
| 26   | 15.0            | 26765   | 821.5      | 16QAM      | 75@0 | see graph | PASS    |
| 26   | 5.0             | 26715   | 816.5      | QPSK       | 1@0  | see graph | PASS    |
| 26   | 5.0             | 26715   | 816.5      | QPSK       | 25@0 | see graph | PASS    |
| 26   | 5.0             | 26715   | 816.5      | 16QAM      | 1@0  | see graph | PASS    |
| 26   | 5.0             | 26715   | 816.5      | 16QAM      | 25@0 | see graph | PASS    |
| 26   | 5.0             | 26765   | 821.5      | QPSK       | 1@24 | see graph | PASS    |
| 26   | 5.0             | 26765   | 821.5      | QPSK       | 25@0 | see graph | PASS    |
| 26   | 5.0             | 26765   | 821.5      | 16QAM      | 1@24 | see graph | PASS    |
| 26   | 5.0             | 26765   | 821.5      | 16QAM      | 25@0 | see graph | PASS    |
| 26   | 3.0             | 26705   | 815.5      | QPSK       | 1@0  | see graph | PASS    |
| 26   | 3.0             | 26705   | 815.5      | QPSK       | 15@0 | see graph | PASS    |
| 26   | 3.0             | 26705   | 815.5      | 16QAM      | 1@0  | see graph | PASS    |
| 26   | 3.0             | 26705   | 815.5      | 16QAM      | 15@0 | see graph | PASS    |
| 26   | 3.0             | 26775   | 822.5      | QPSK       | 1@14 | see graph | PASS    |
| 26   | 3.0             | 26775   | 822.5      | QPSK       | 15@0 | see graph | PASS    |
| 26   | 3.0             | 26775   | 822.5      | 16QAM      | 1@14 | see graph | PASS    |
| 26   | 3.0             | 26775   | 822.5      | 16QAM      | 15@0 | see graph | PASS    |
| 26   | 1.4             | 26697   | 814.7      | QPSK       | 1@0  | see graph | PASS    |
| 26   | 1.4             | 26697   | 814.7      | QPSK       | 6@0  | see graph | PASS    |
| 26   | 1.4             | 26697   | 814.7      | 16QAM      | 1@0  | see graph | PASS    |
| 26   | 1.4             | 26697   | 814.7      | 16QAM      | 6@0  | see graph | PASS    |
| 26   | 1.4             | 26783   | 823.3      | QPSK       | 1@5  | see graph | PASS    |
| 26   | 1.4             | 26783   | 823.3      | QPSK       | 6@0  | see graph | PASS    |
| 26   | 1.4             | 26783   | 823.3      | 16QAM      | 1@5  | see graph | PASS    |
| 26   | 1.4             | 26783   | 823.3      | 16QAM      | 6@0  | see graph | PASS    |

## Test Graphs

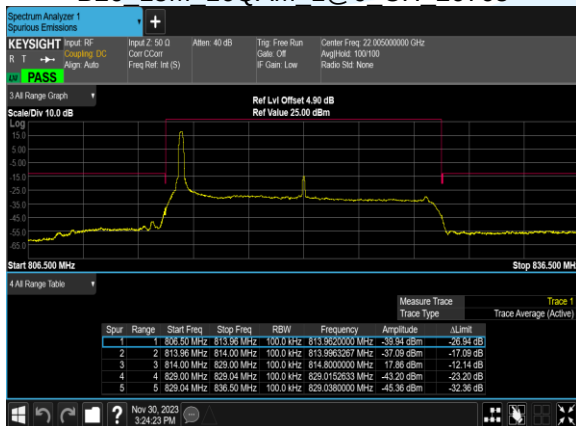
B26 15M QPSK 1@0 CH 26765



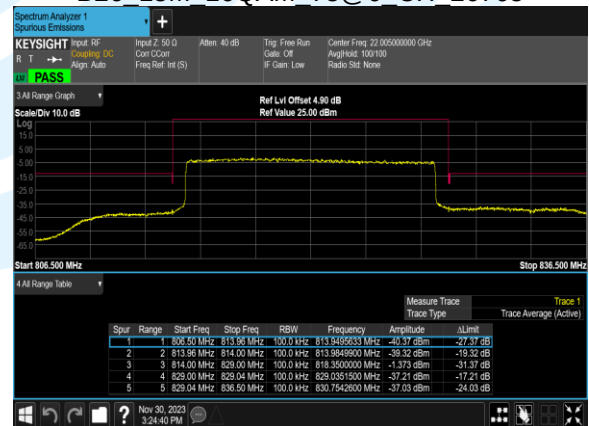
B26 15M QPSK 75@0 CH 26765



B26 15M 16QAM 1@0 CH 26765



B26 15M 16QAM 75@0 CH 26765



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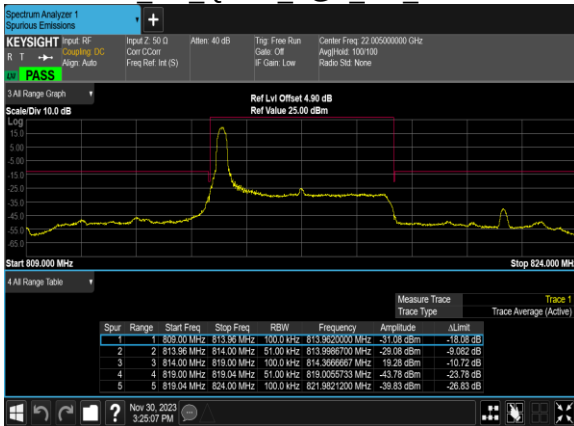
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E-mail: info@uttlab.com

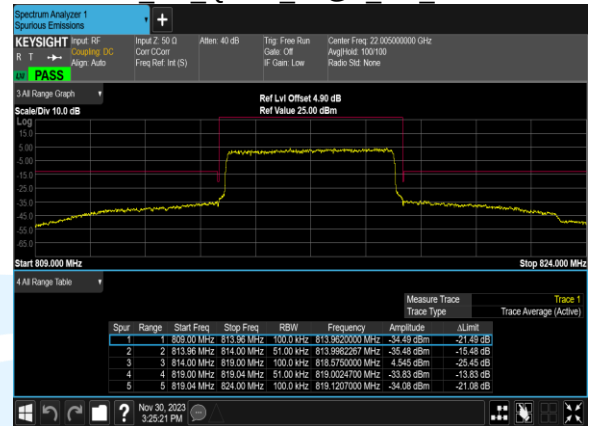
<http://www.uttlab.com>

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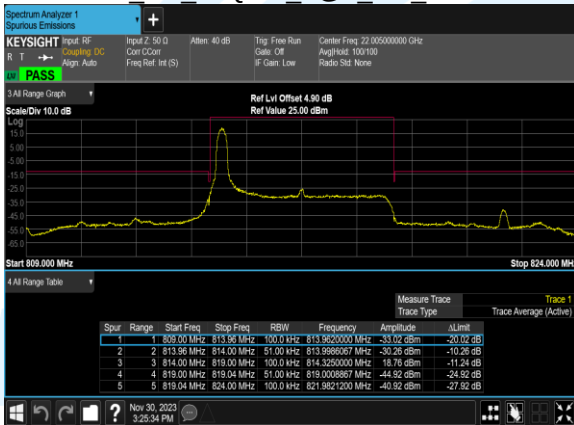
B26 5M QPSK 1@0 CH 26715



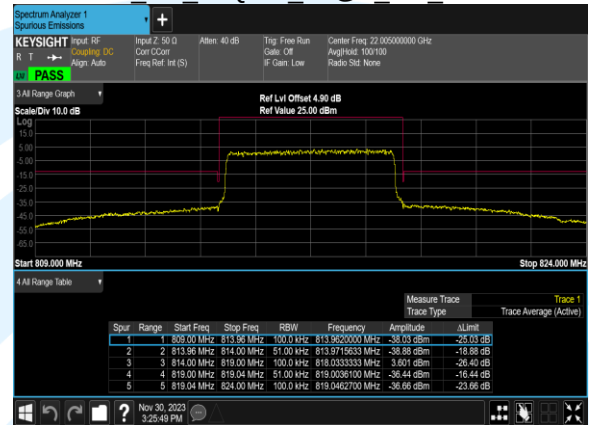
B26 5M QPSK 25@0 CH 26715



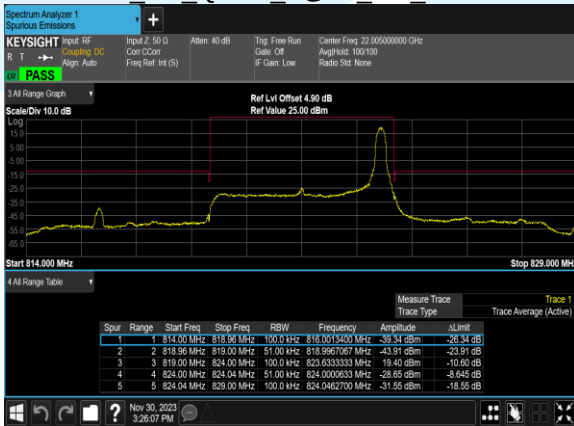
B26 5M 16QAM 1@0 CH 26715



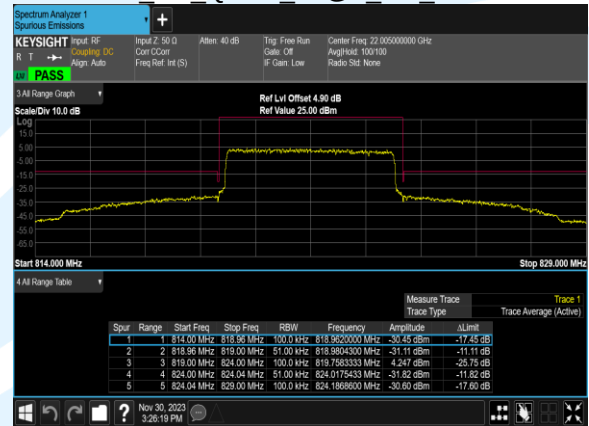
B26 5M 16QAM 25@0 CH 26715



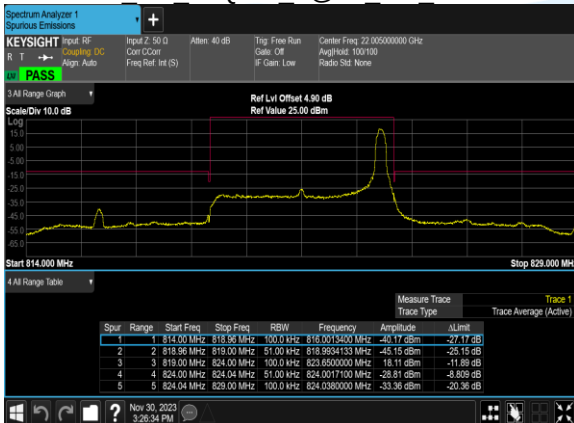
B26 5M QPSK 1@24 CH 26765



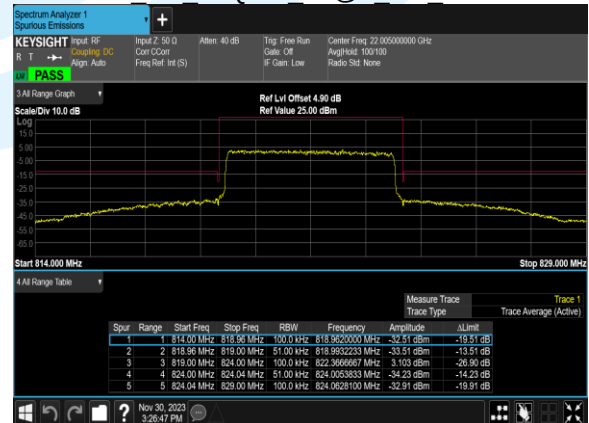
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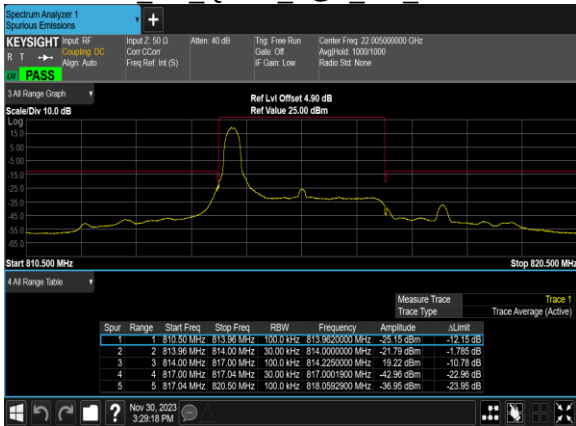
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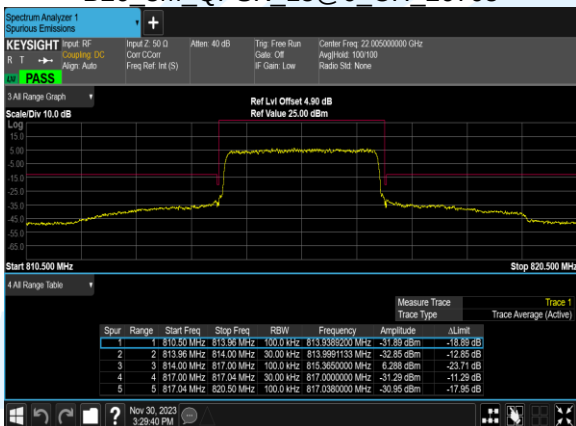


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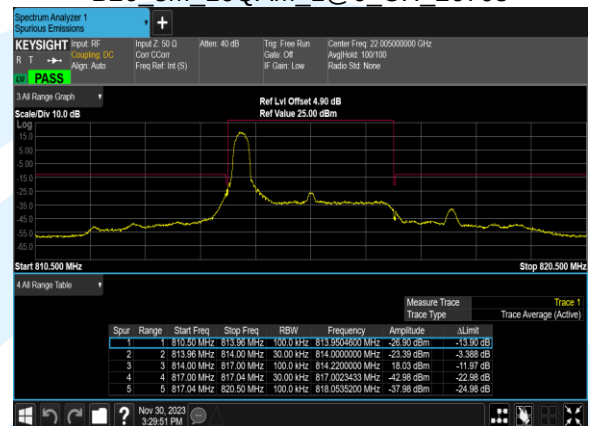


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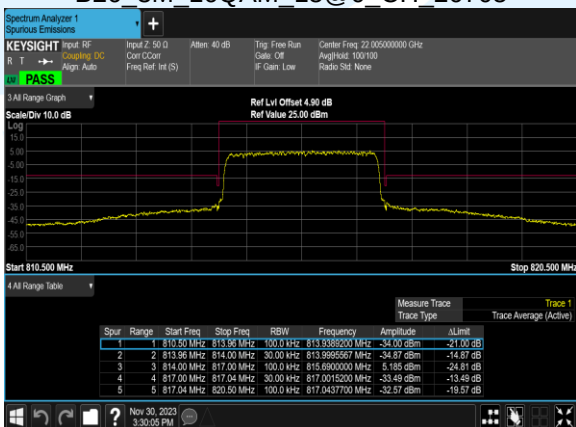
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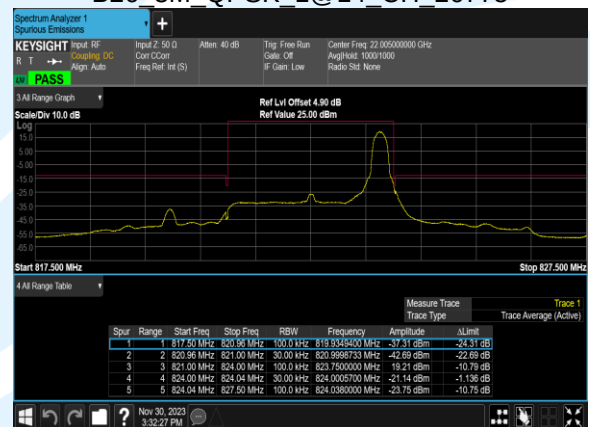
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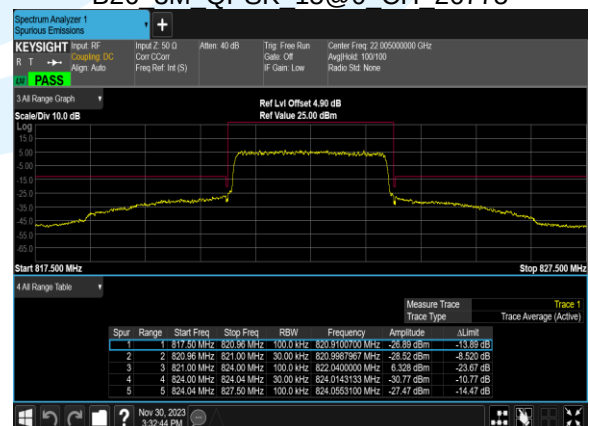
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B26 3M QPSK 1@14 CH 26775



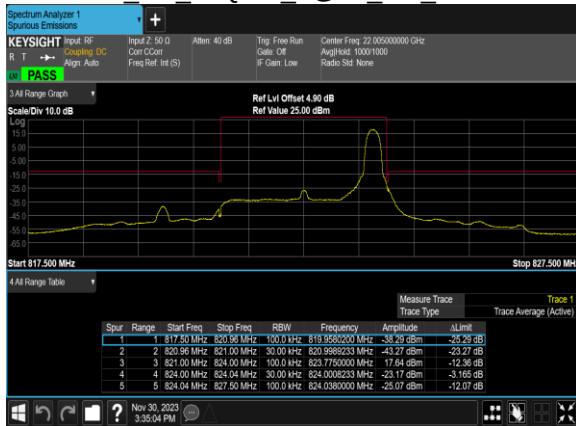
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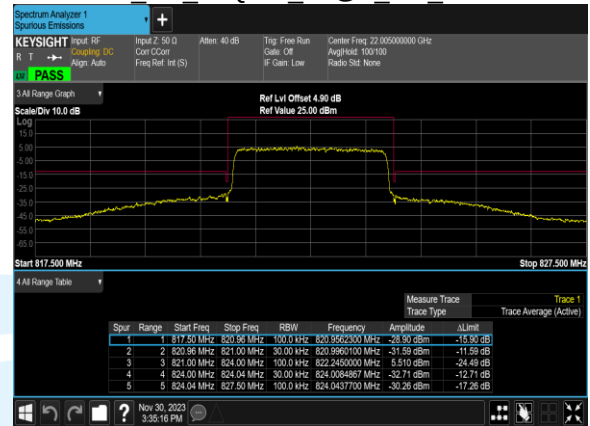
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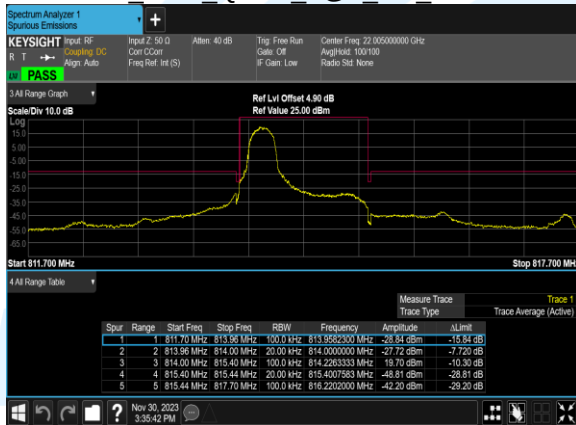
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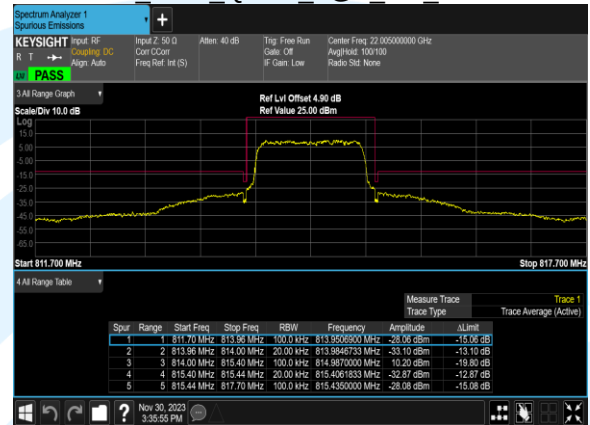
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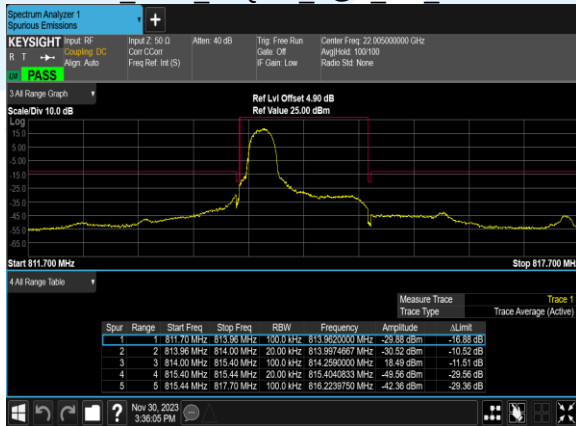
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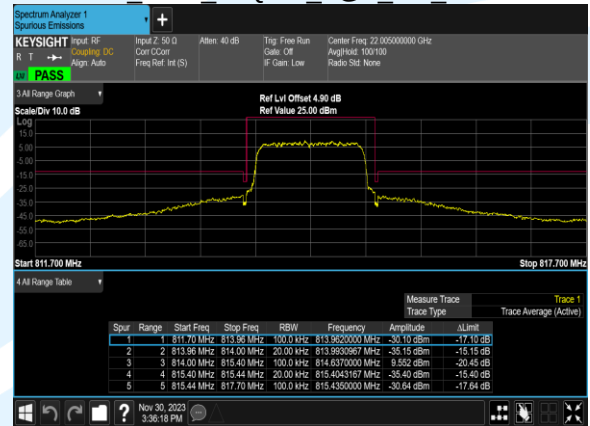
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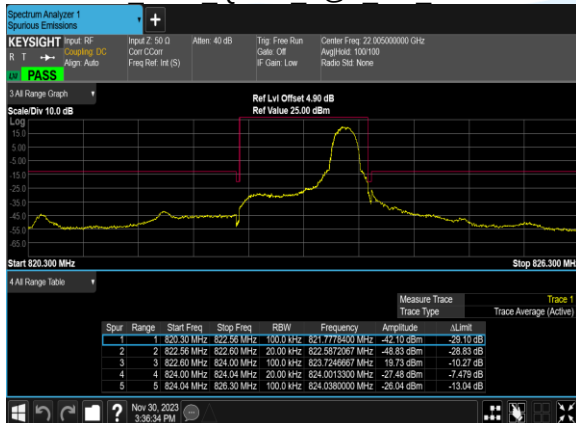
B26 1.4M 16QAM 1@0 CH 26697



B26 1.4M 16QAM 6@0 CH 26697



B26 1.4M QPSK 1@5 CH 26783



B26 1.4M QPSK 6@0 CH 26783

