

# Appendix -

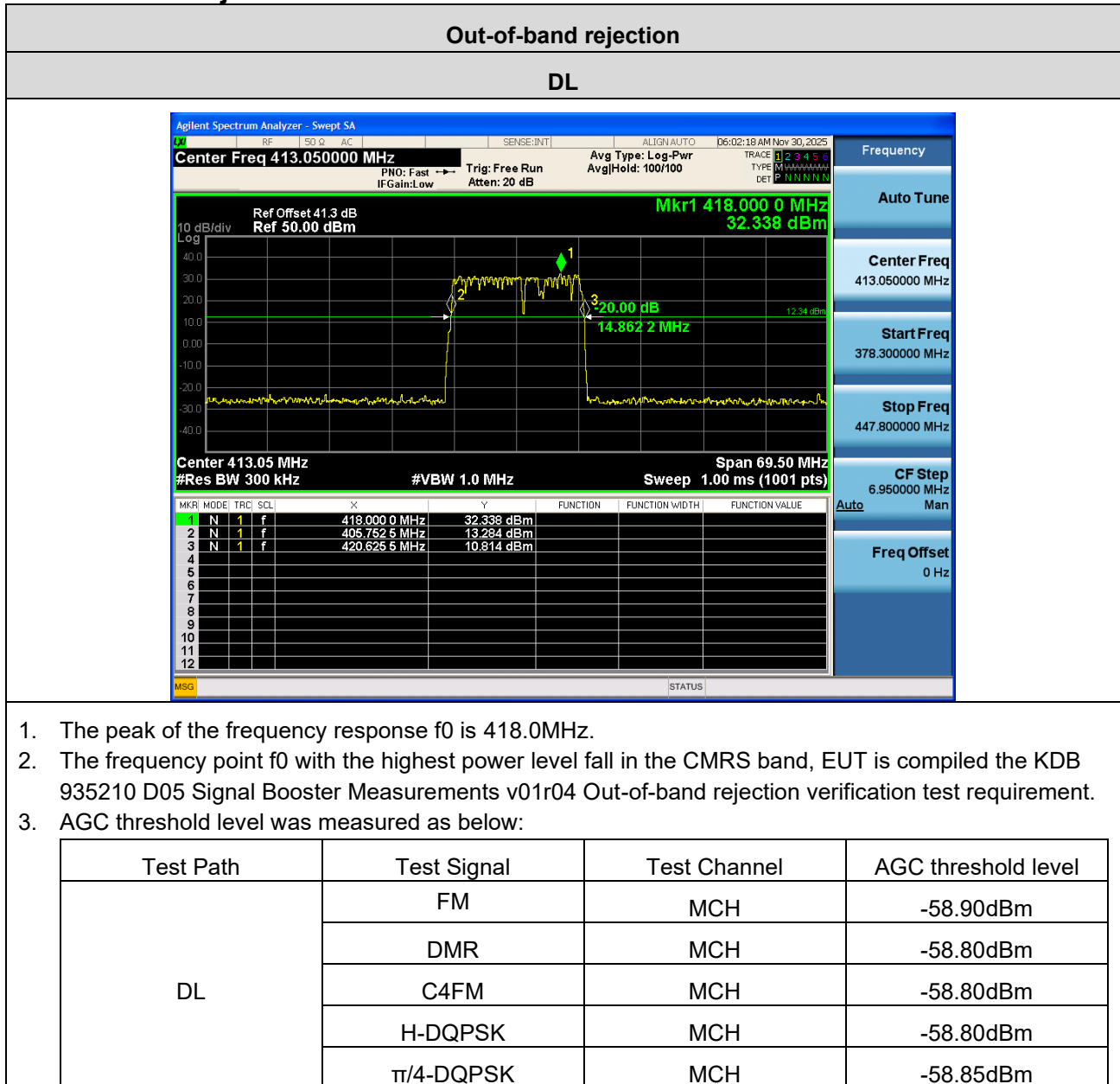
## Test Data and Result for report

### GZCR251100176501 (A)

(For UHF-1: 406.1-420MHz)



### 1 Out-of-band rejection

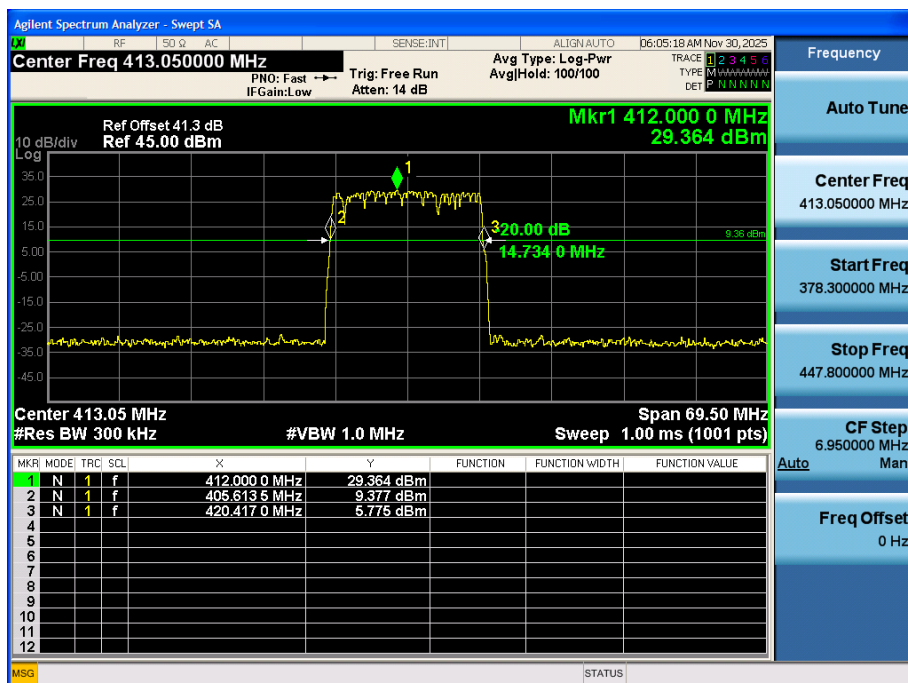


1. The peak of the frequency response f0 is 418.0MHz.
2. The frequency point f0 with the highest power level fall in the CMRS band, EUT is compiled the KDB 935210 D05 Signal Booster Measurements v01r04 Out-of-band rejection verification test requirement.
3. AGC threshold level was measured as below:

| Test Path | Test Signal    | Test Channel | AGC threshold level |
|-----------|----------------|--------------|---------------------|
| DL        | FM             | MCH          | -58.90dBm           |
|           | DMR            | MCH          | -58.80dBm           |
|           | C4FM           | MCH          | -58.80dBm           |
|           | H-DQPSK        | MCH          | -58.80dBm           |
|           | $\pi/4$ -DQPSK | MCH          | -58.85dBm           |

### Out-of-band rejection

#### UL



1. The peak of the frequency response f0 is 412.0MHz.
2. The frequency point f0 with the highest power level fall in the CMRS band, EUT is compiled the KDB 935210 D05 Signal Booster Measurements v01r04 Out-of-band rejection verification test requirement.
3. AGC threshold level was measured as below:

| Test Path | Test Signal    | Test Channel | AGC threshold level |
|-----------|----------------|--------------|---------------------|
| UL        | FM             | MCH          | -61.85dBm           |
|           | DMR            | MCH          | -61.85dBm           |
|           | C4FM           | MCH          | -61.85dBm           |
|           | H-DQPSK        | MCH          | -61.85dBm           |
|           | $\pi/4$ -DQPSK | MCH          | -61.85dBm           |

## 2 Input-versus-output signal comparison

| Occupied Bandwidth |                |              |               |         |
|--------------------|----------------|--------------|---------------|---------|
| Test Path          | Test Signal    | Test Channel | Signal Level  | Verdict |
| DL                 | FM             | LCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | MCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | HCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    | DMR            | LCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | MCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | HCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    | C4FM           | LCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | MCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | HCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    | H-DQPSK        | LCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | MCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | HCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    | $\pi/4$ -DQPSK | LCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | MCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |
|                    |                | HCH          | Pre-AGC       | PASS    |
|                    |                |              | 3dB above AGC | PASS    |

### Remark:

Compare the spectral plot of the input signal to the output signal affirm that there is no change in the occupied bandwidth of the retransmitted signals. The test result complies with the requirement.



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| Occupied Bandwidth |             |              |               |         |
|--------------------|-------------|--------------|---------------|---------|
| Test Path          | Test Signal | Test Channel | Signal Level  | Verdict |
| UL                 | FM          | LCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | MCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | HCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    | DMR         | LCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | MCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | HCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    | C4FM        | LCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | MCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | HCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
| UL                 | H-DQPSK     | LCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | MCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | HCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    | π/4-DQPSK   | LCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | MCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |
|                    |             | HCH          | Pre-AGC       | PASS    |
|                    |             |              | 3dB above AGC | PASS    |

Remark:

Compare the spectral plot of the input signal to the output signal affirm that there is no change in the occupied bandwidth of the retransmitted signals. The test result complies with the requirement.

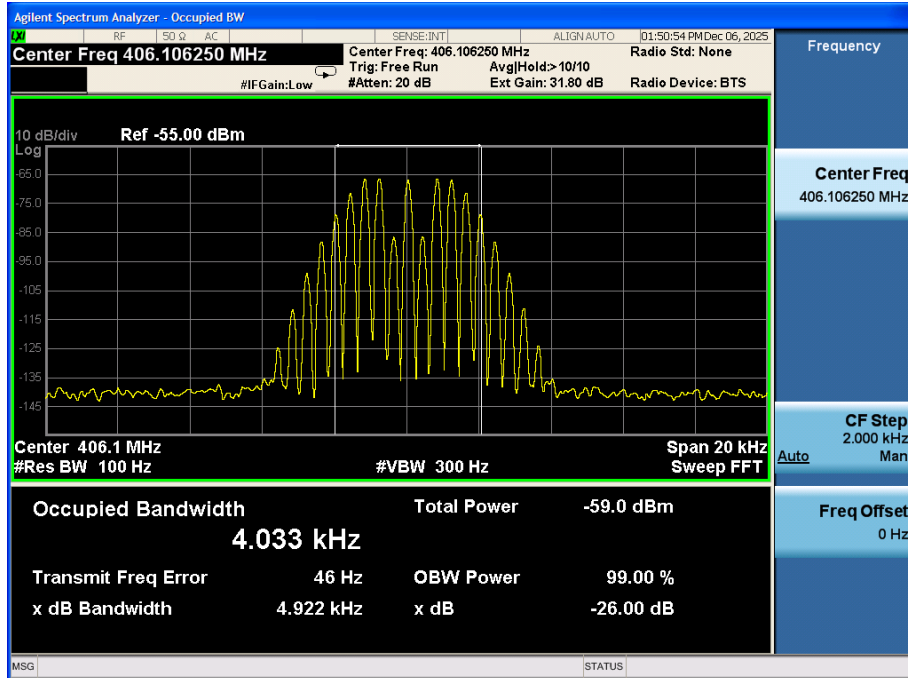


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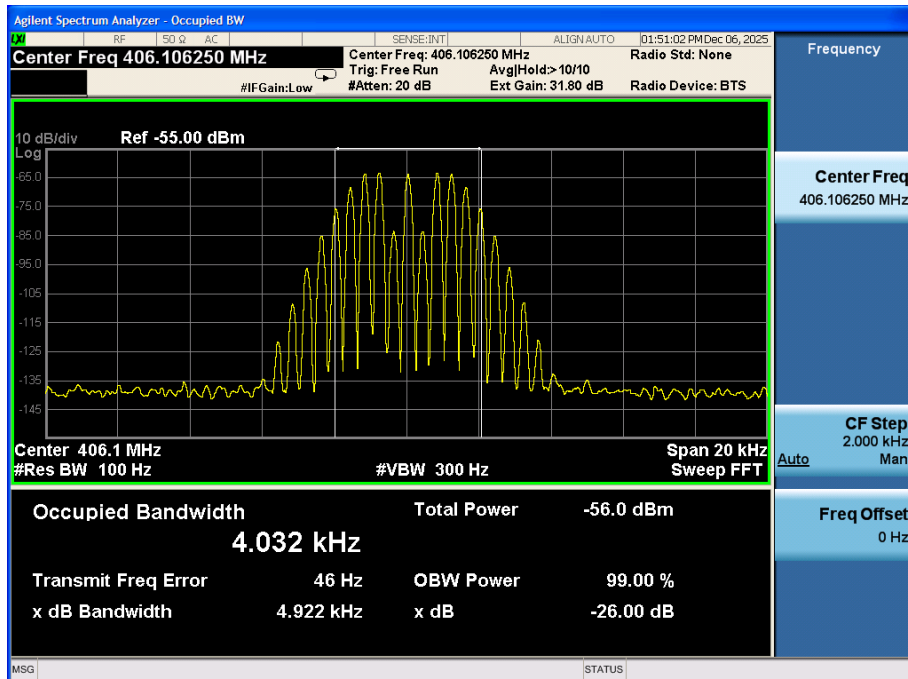
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### 99% OBW

#### DL\_FM\_LCH\_Input\_Pre-AGC



#### DL\_FM\_LCH\_Input\_3dB above AGC

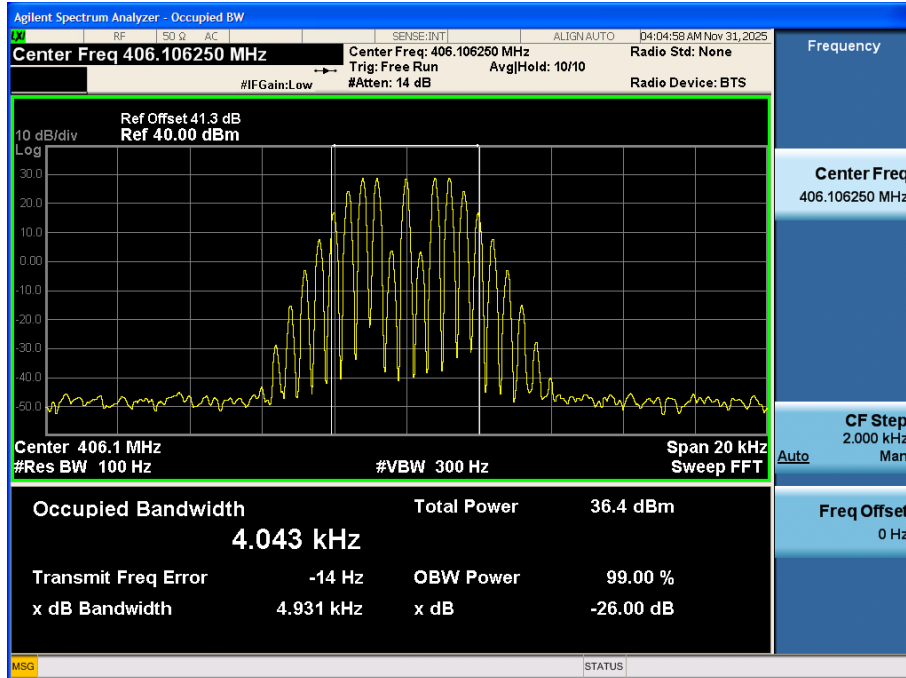


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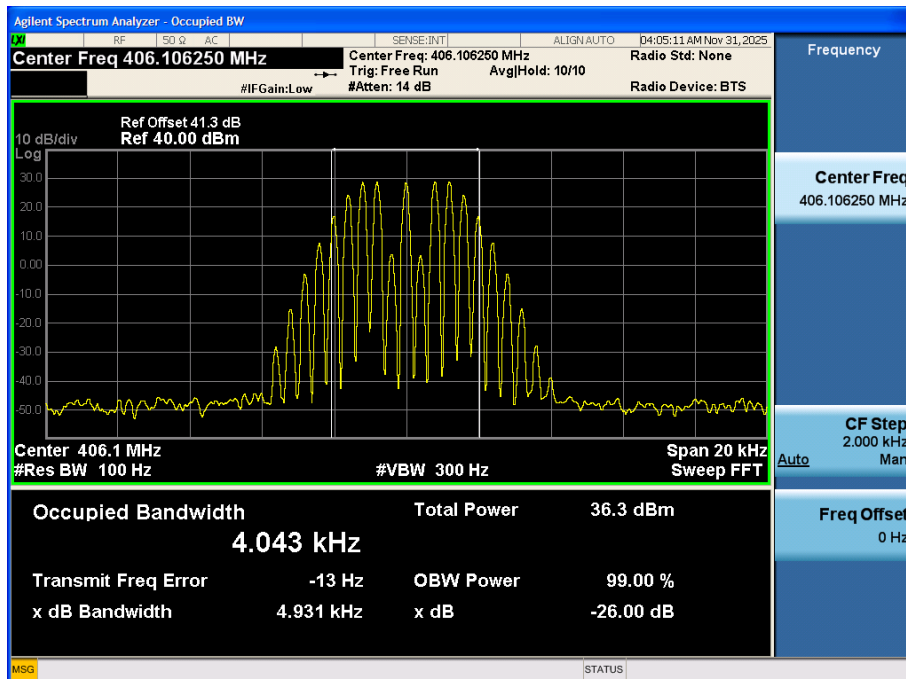
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### DL\_FM\_LCH\_Output\_Pre-AGC



### DL\_FM\_LCH\_Output\_3dB above AGC

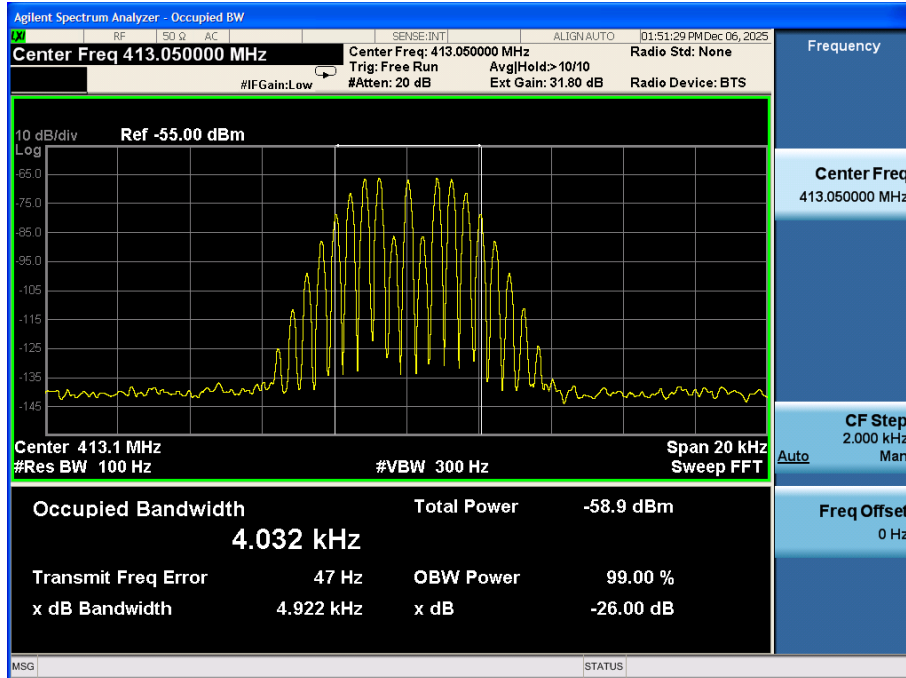


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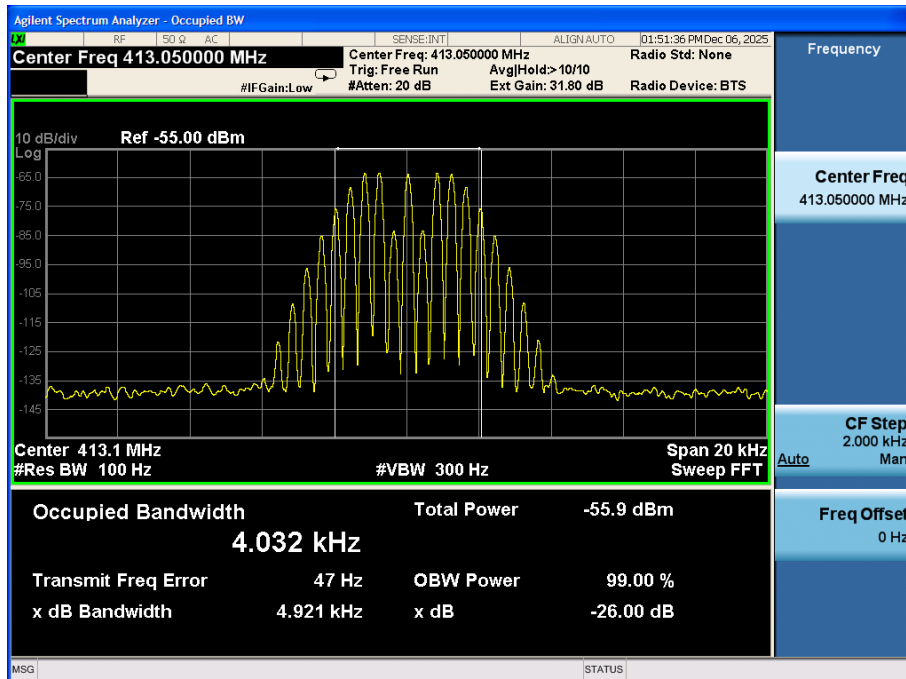
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#### DL\_FM\_MCH\_Input\_Pre-AGC



#### DL\_FM\_MCH\_Input\_3dB above AGC

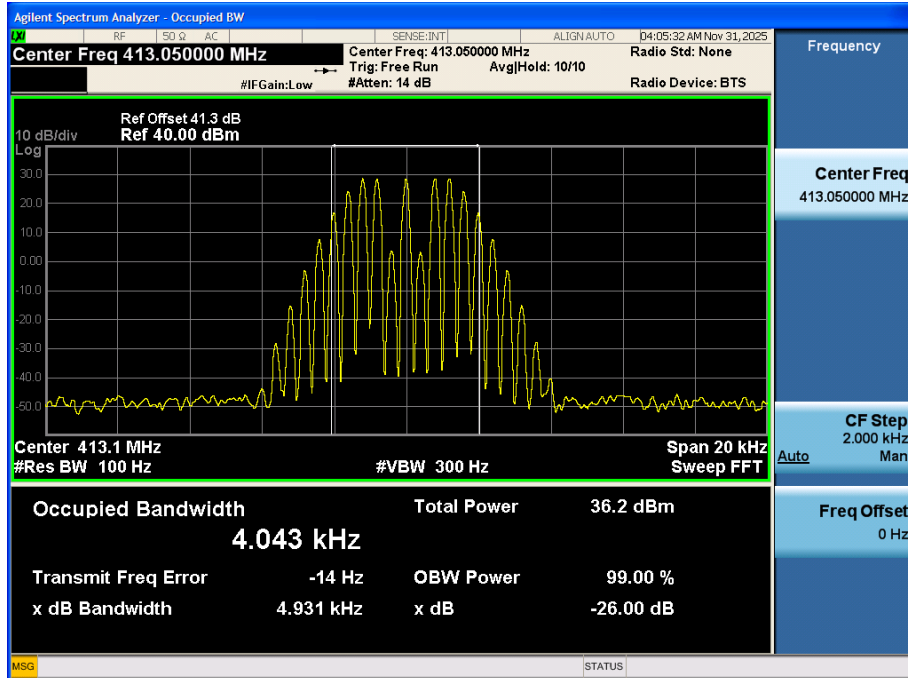


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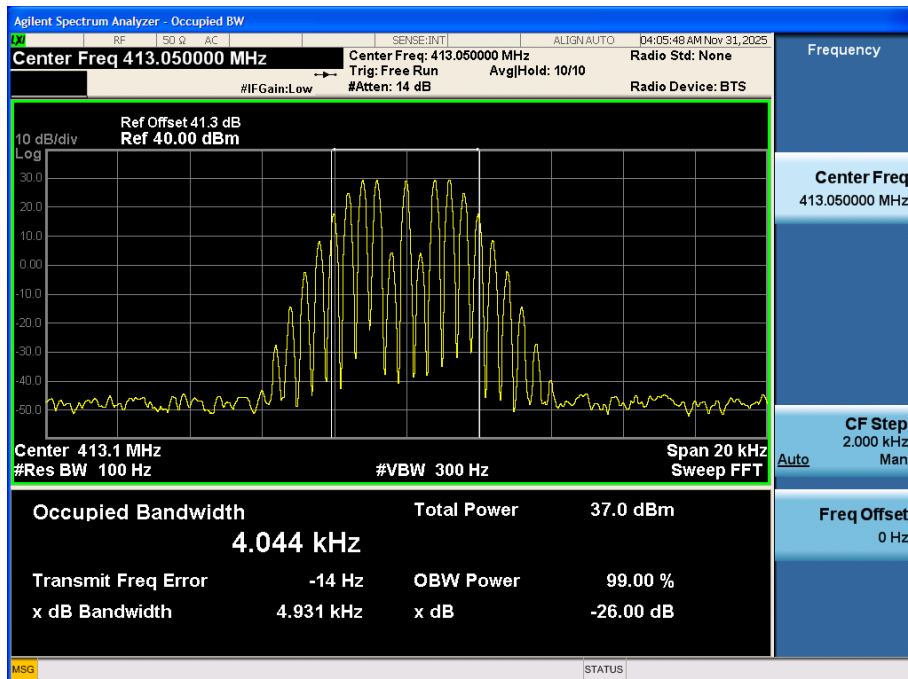
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#### DL\_FM\_MCH\_Output\_Pre-AGC



#### DL\_FM\_MCH\_Output\_3dB above AGC

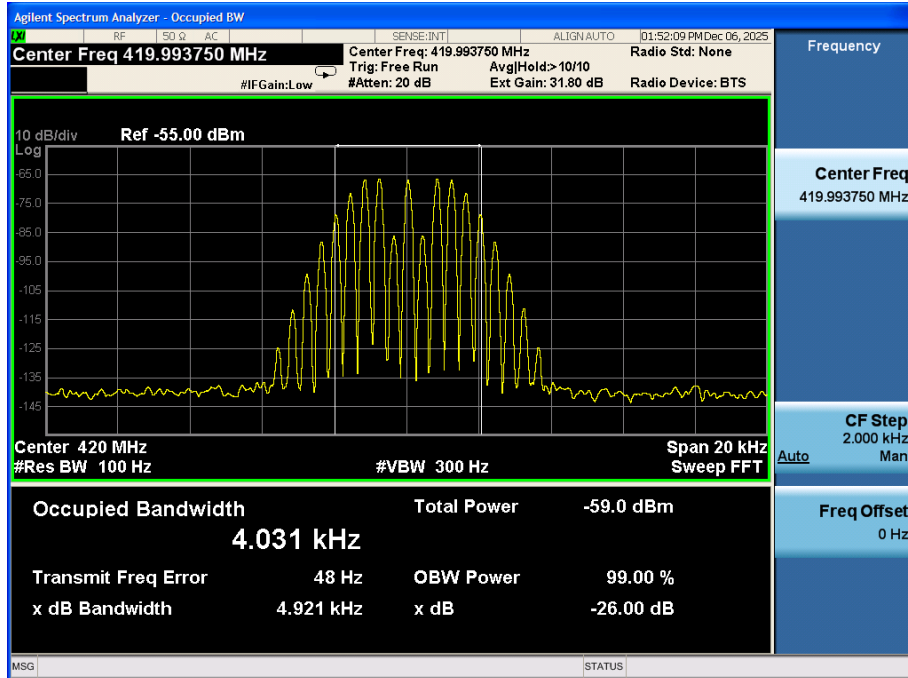


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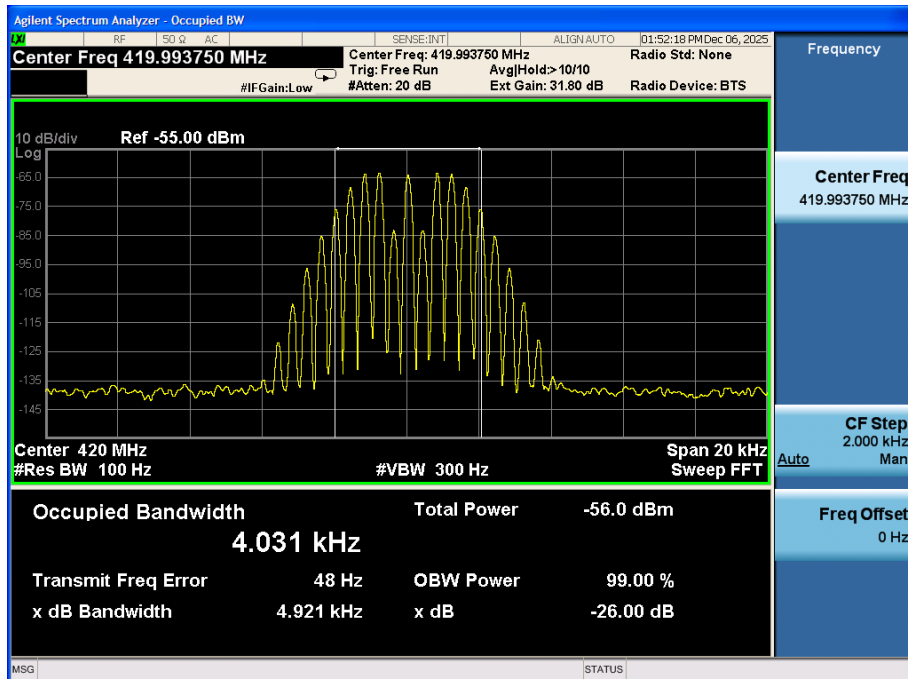
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#### DL\_FM\_HCH\_Input\_Pre-AGC



#### DL\_FM\_HCH\_Input\_3dB above AGC



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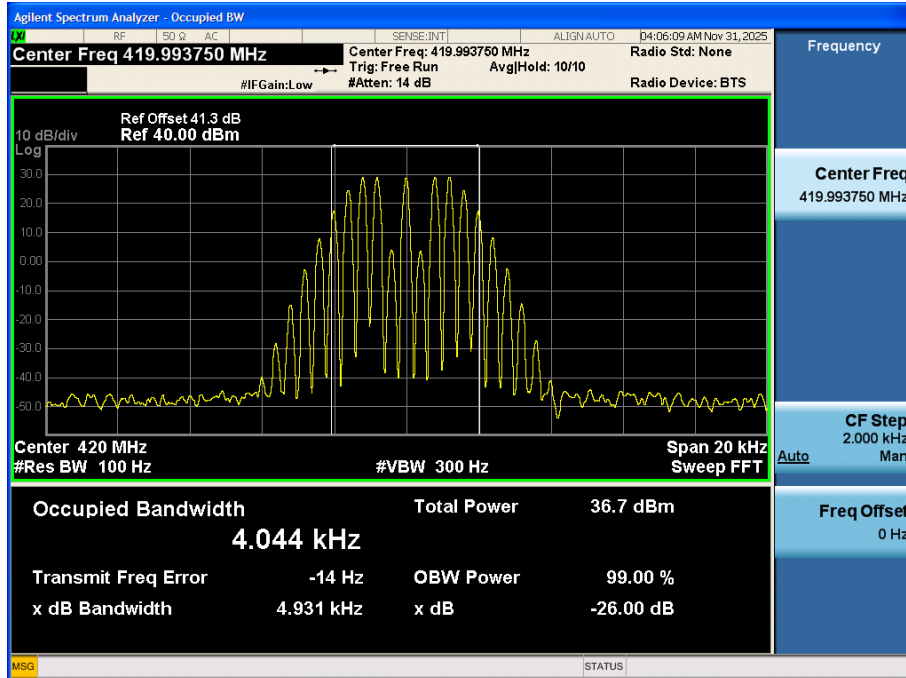
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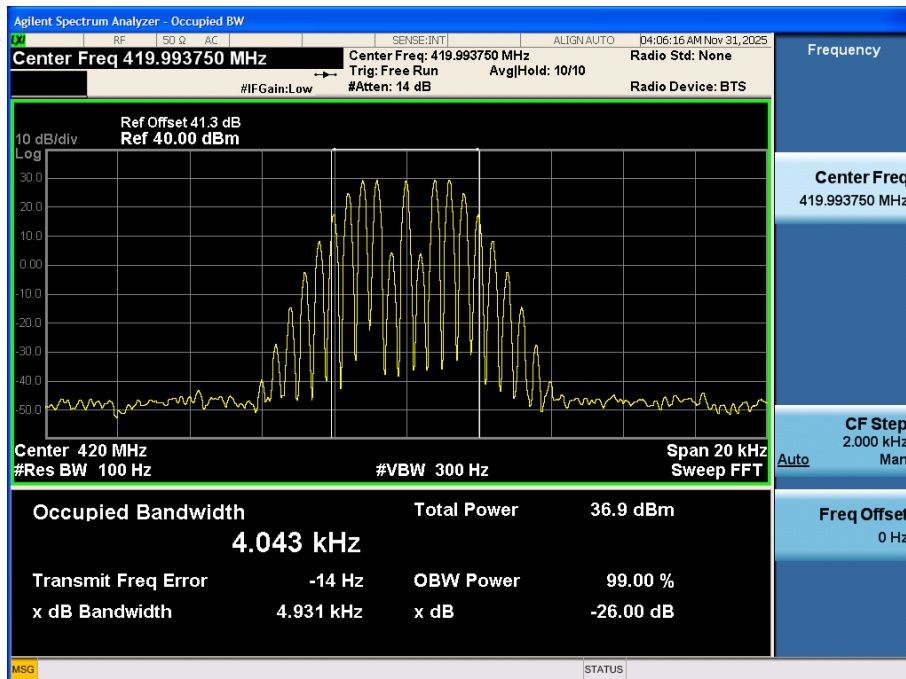
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### DL\_FM\_HCH\_Output\_Pre-AGC



### DL\_FM\_HCH\_Output\_3dB above AGC

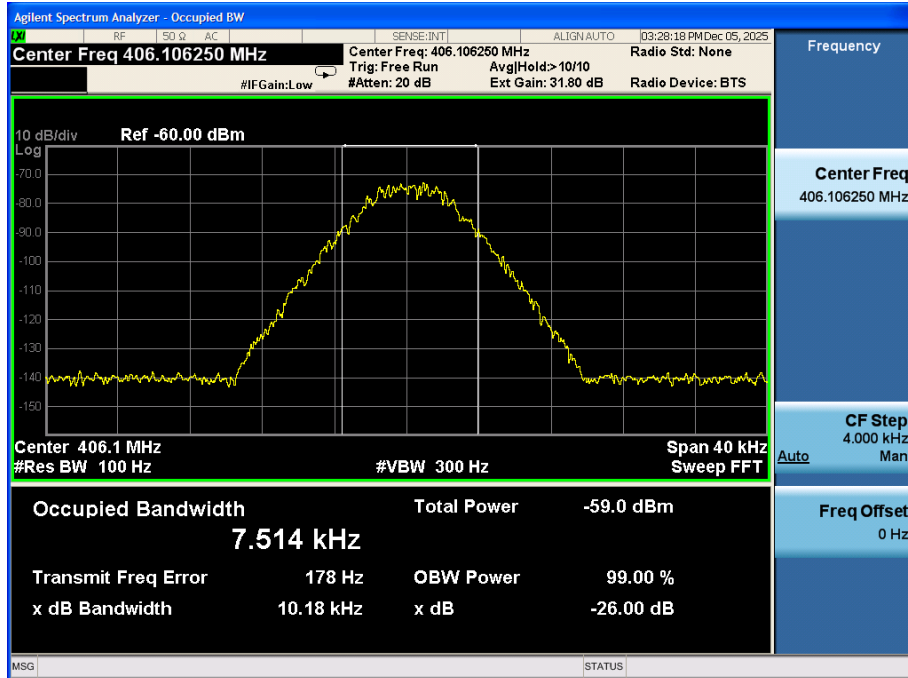


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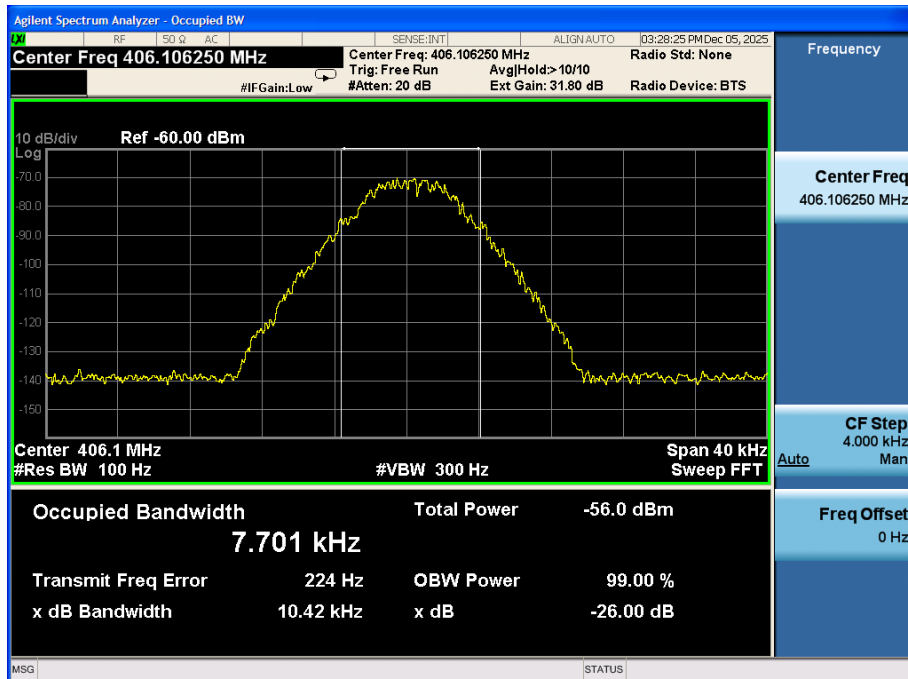
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#### DL\_DMR\_LCH\_Input\_Pre-AGC



#### DL\_DMR\_LCH\_Input\_3dB above AGC

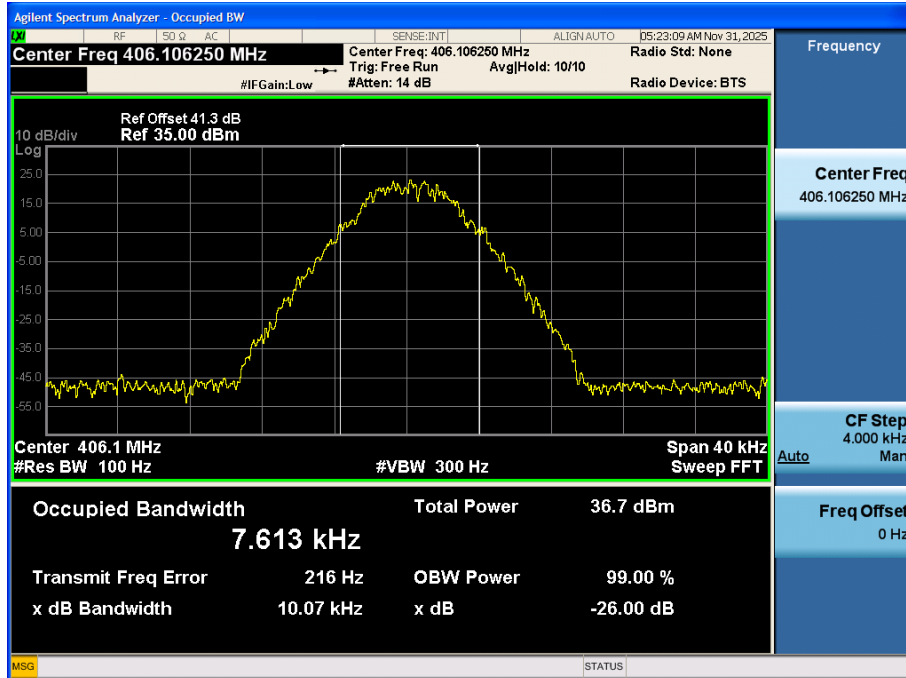


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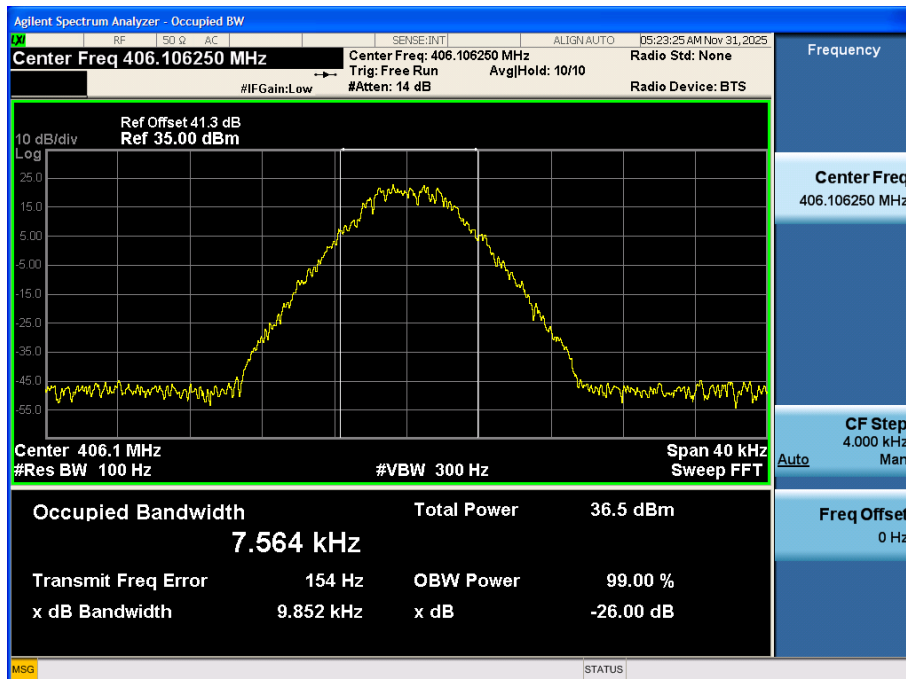
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### 99% OBW

#### DL\_DMR\_LCH\_Output\_Pre-AGC



#### DL\_DMR\_LCH\_Output\_3dB above AGC

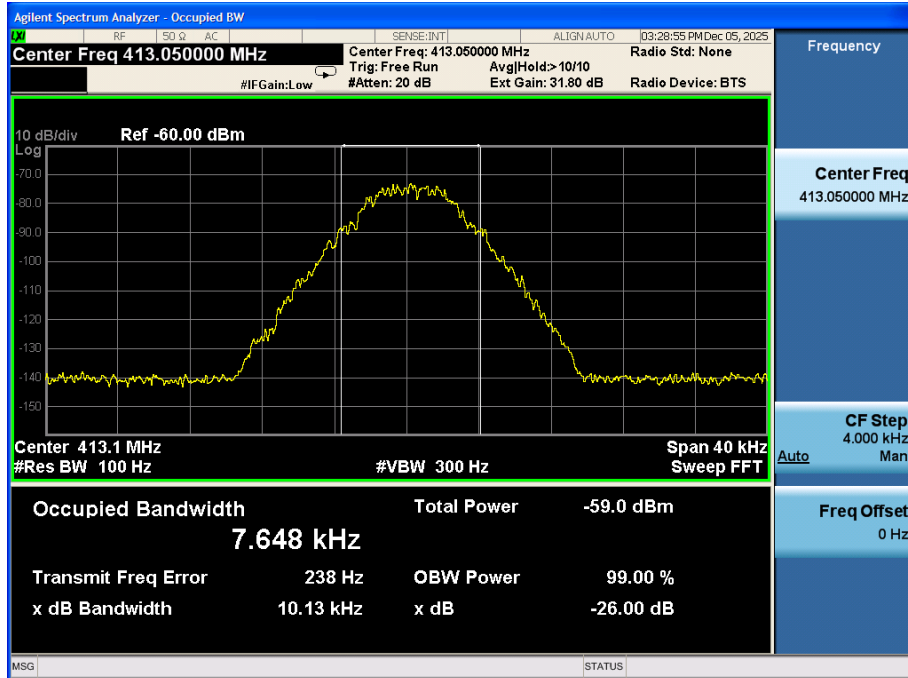


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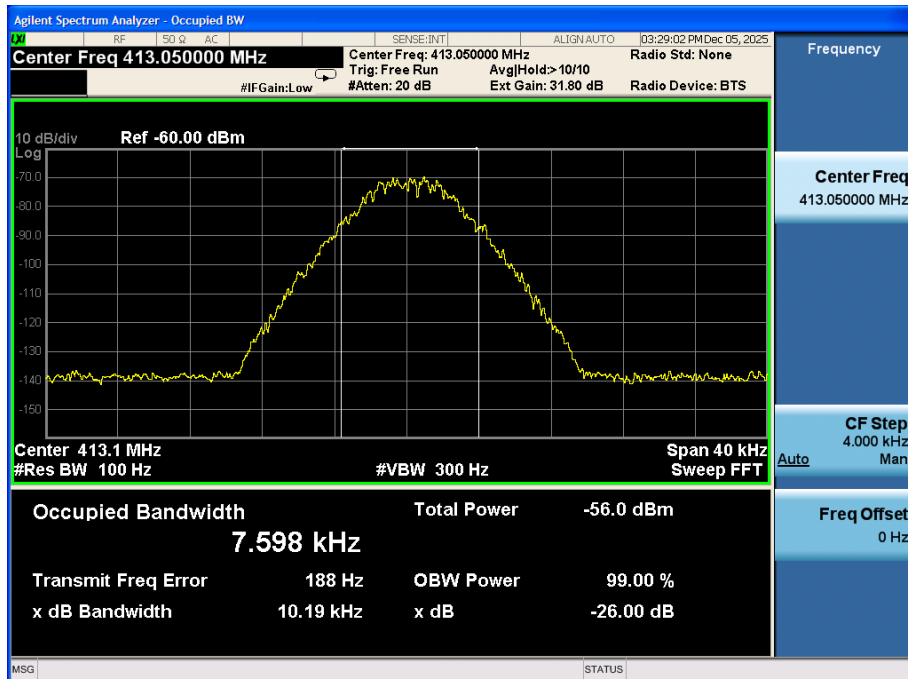
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### DL\_DMR\_MCH\_Input\_Pre-AGC



### DL\_DMR\_MCH\_Input\_3dB above AGC

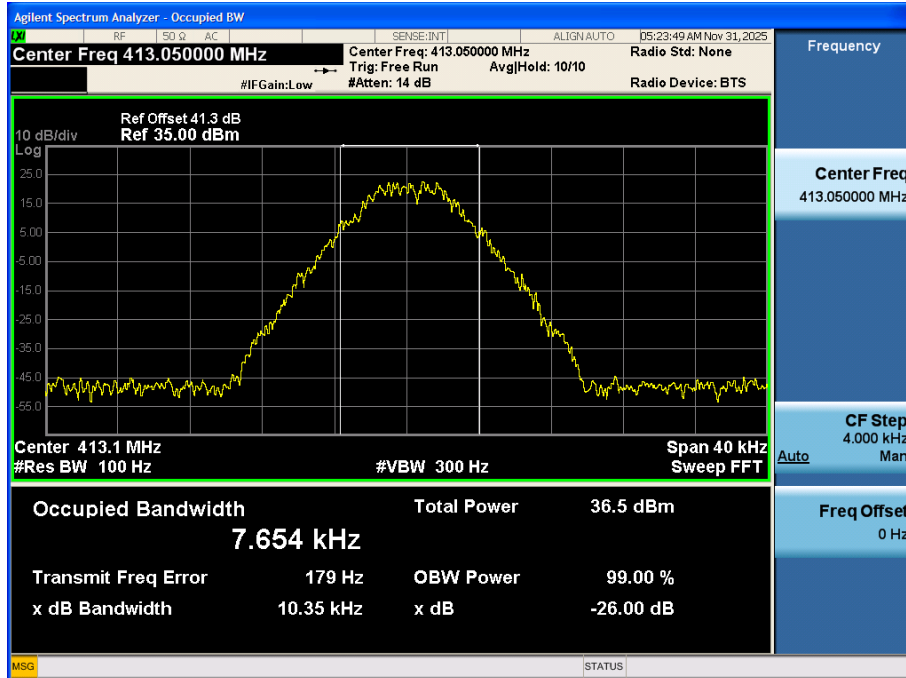


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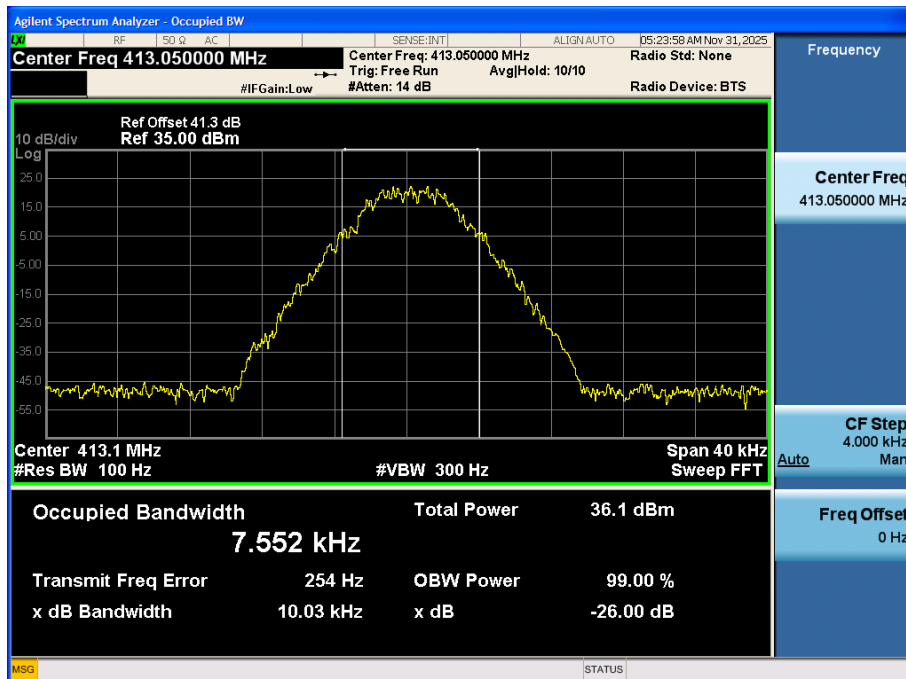
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### 99% OBW

#### DL\_DMR\_MCH\_Output\_Pre-AGC



#### DL\_DMR\_MCH\_Output\_3dB above AGC



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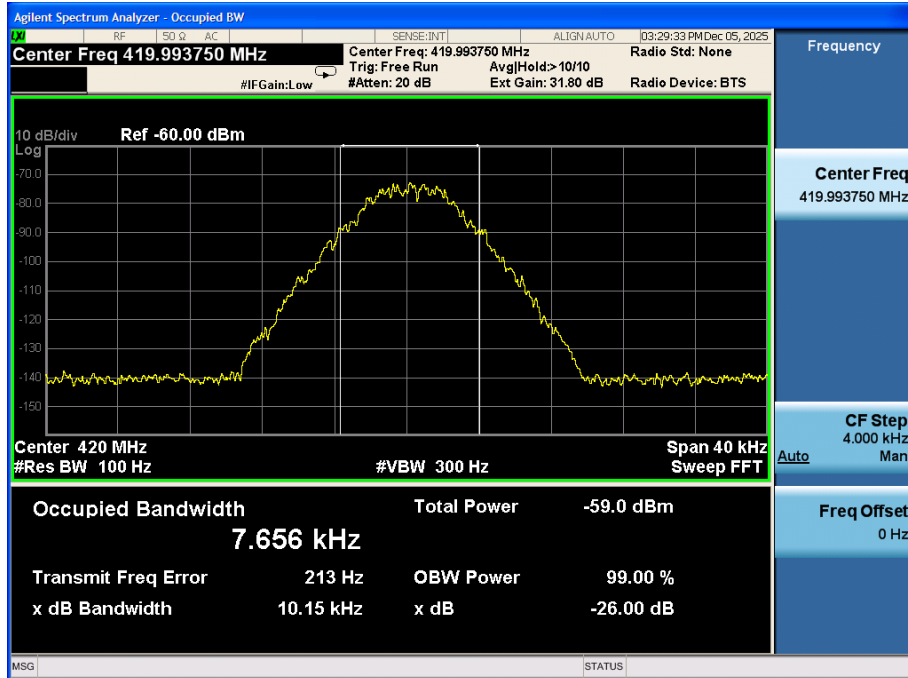
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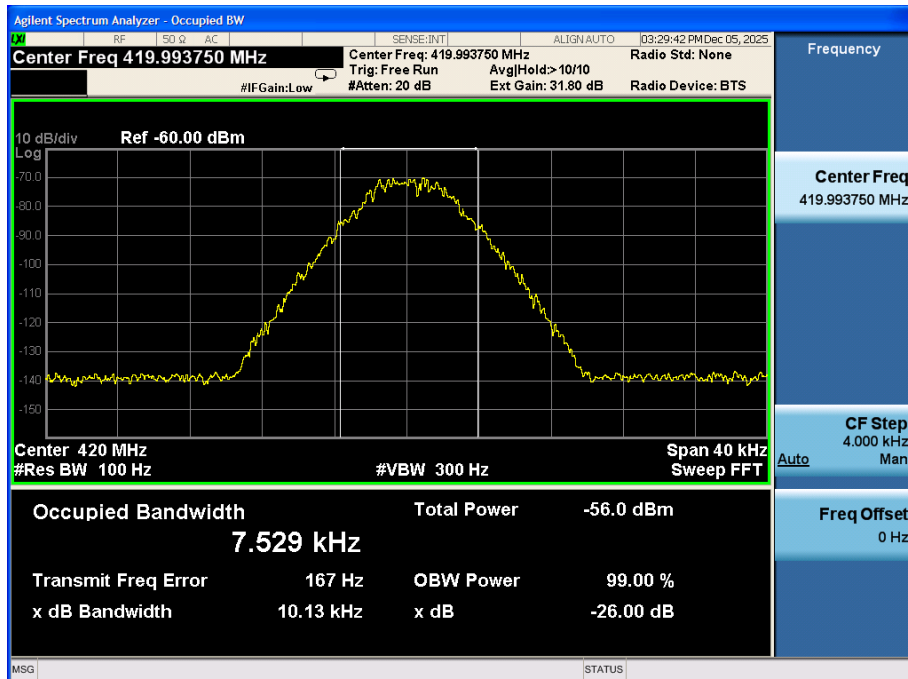
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99% OBW

DL\_DMR\_HCH\_Input\_Pre-AGC



DL\_DMR\_HCH\_Input\_3dB above AGC

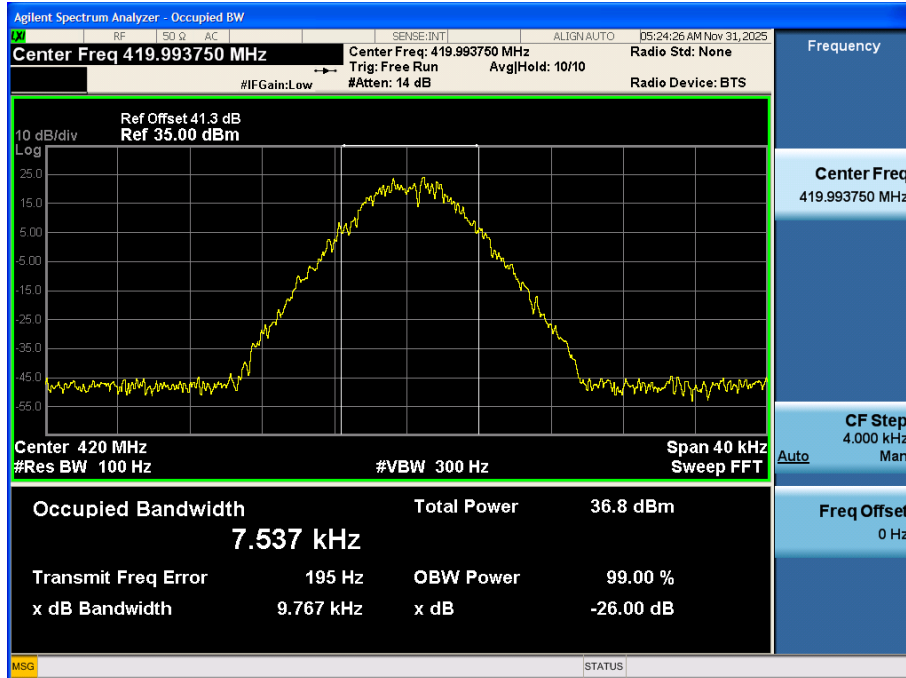


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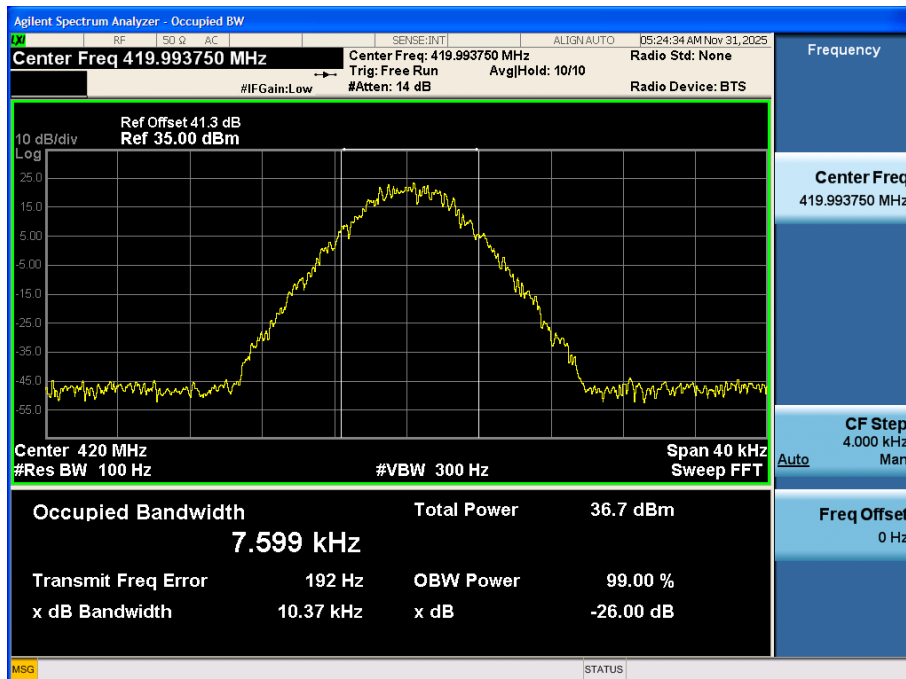
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99% OBW

DL\_DMR\_HCH\_Output\_Pre-AGC



DL\_DMR\_HCH\_Output\_3dB above AGC

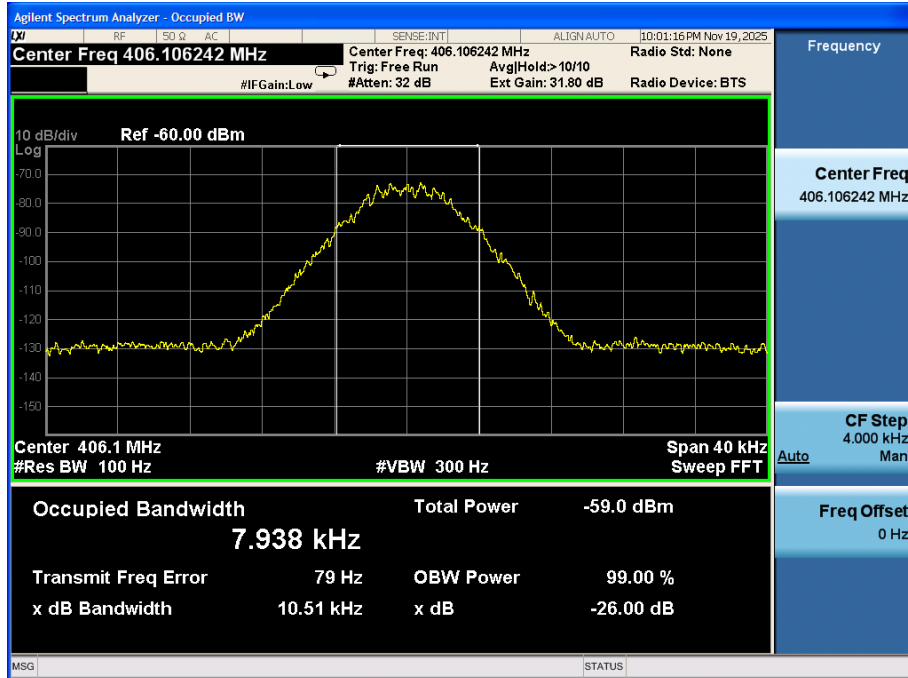


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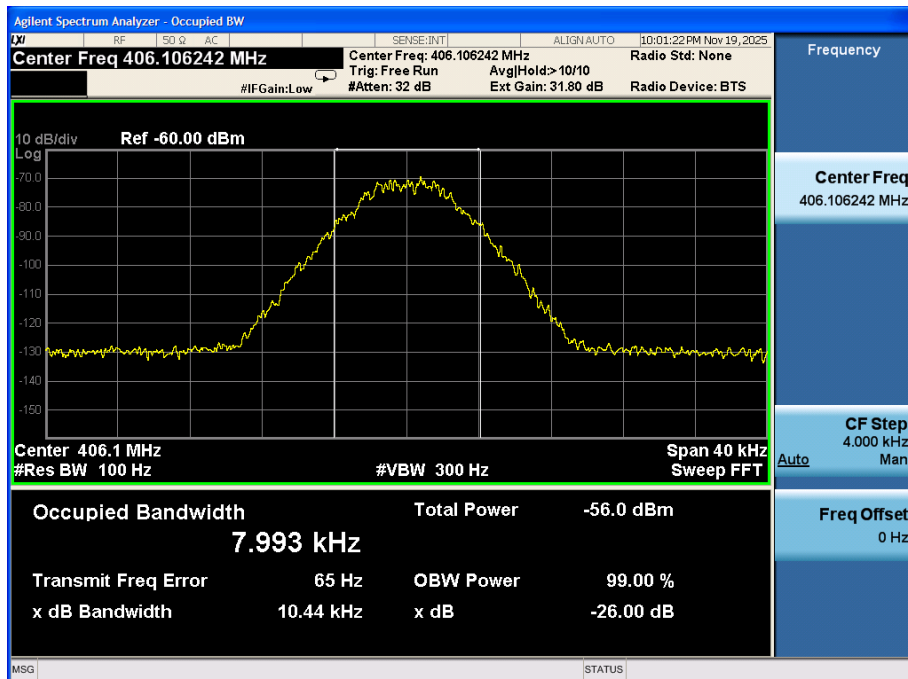
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### 99% OBW

#### DL\_C4FM\_LCH\_Input\_Pre-AGC



#### DL\_C4FM\_LCH\_Input\_3dB above AGC

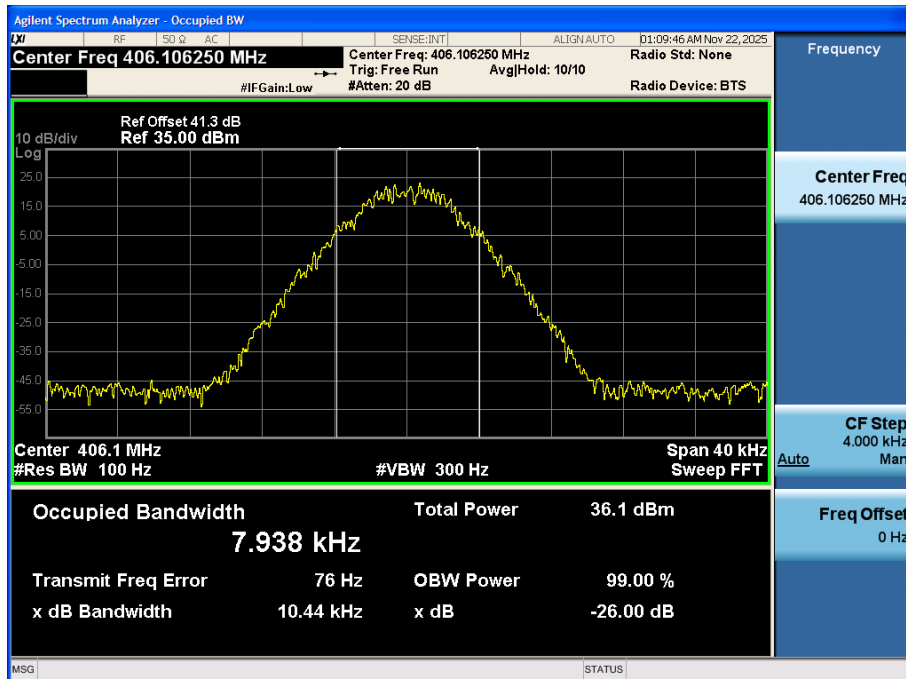


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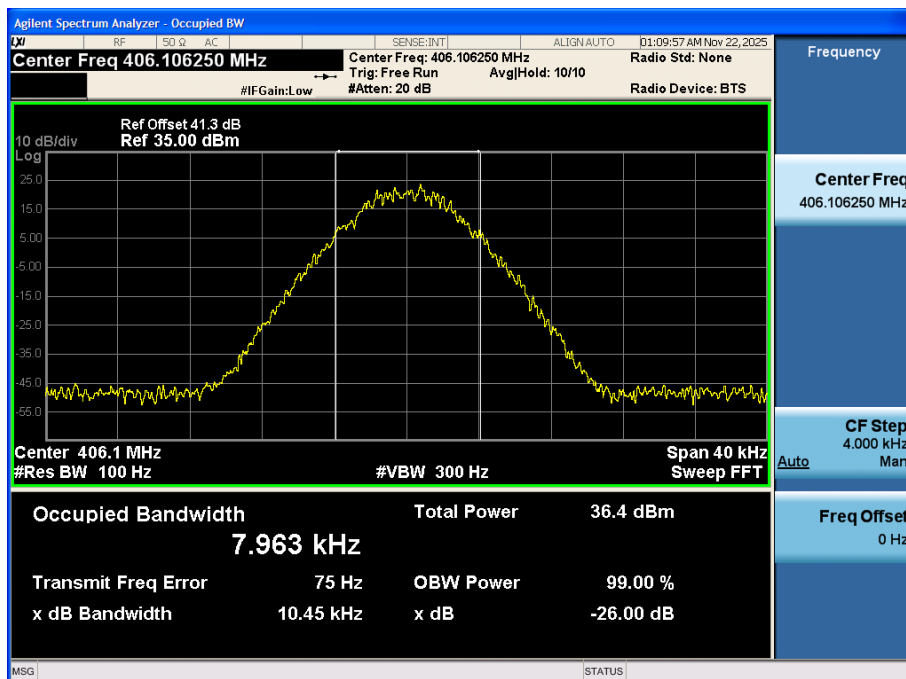
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### 99% OBW

#### DL\_C4FM\_LCH\_Output\_Pre-AGC



#### DL\_C4FM\_LCH\_Output\_3dB above AGC

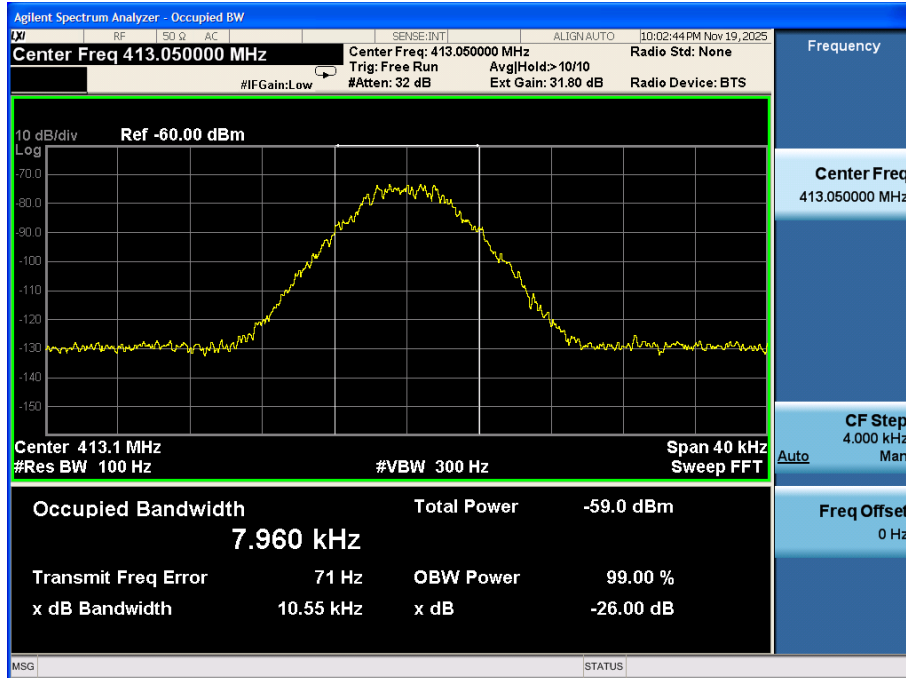


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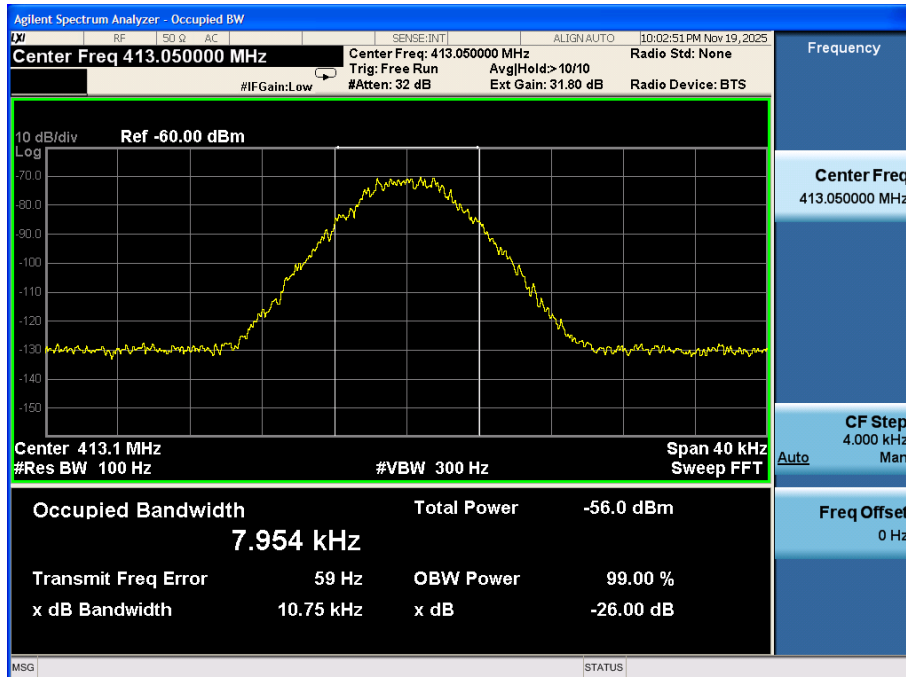
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### 99% OBW

#### DL\_C4FM\_MCH\_Input\_Pre-AGC



#### DL\_C4FM\_MCH\_Input\_3dB above AGC

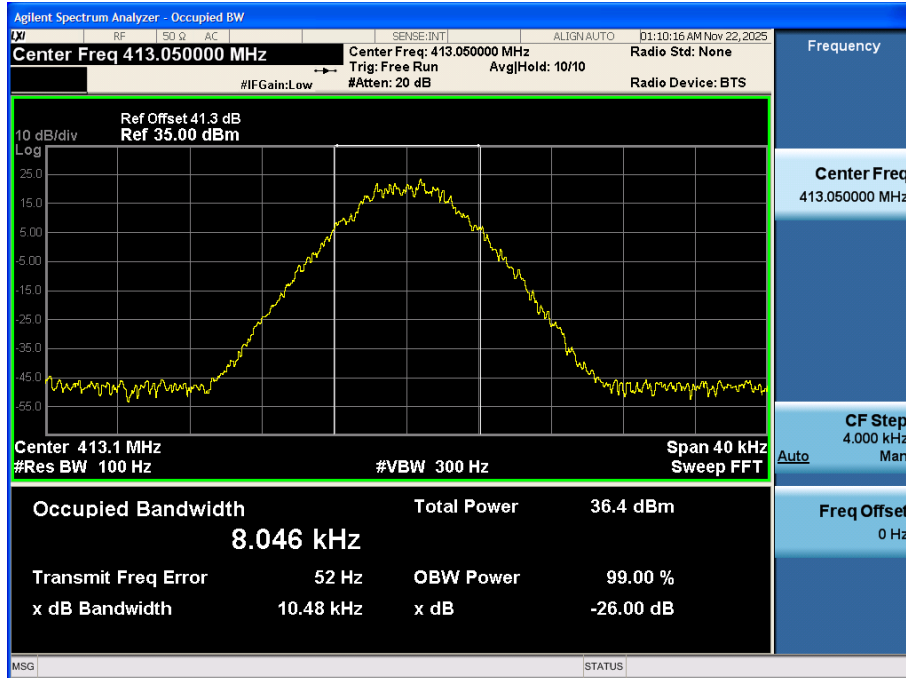


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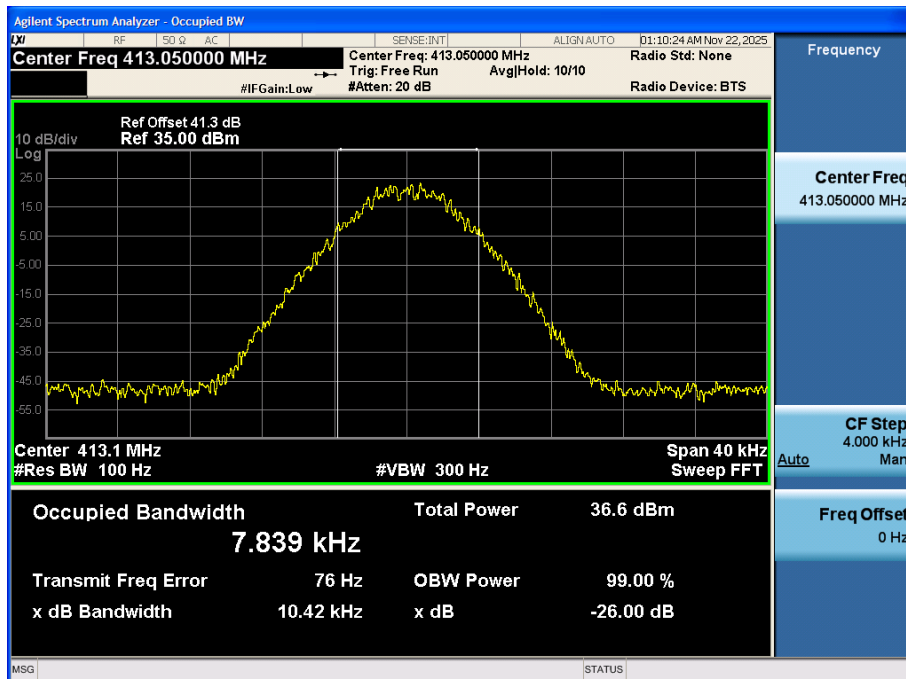
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### 99% OBW

#### DL\_C4FM\_MCH\_Output\_Pre-AGC



#### DL\_C4FM\_MCH\_Output\_3dB above AGC

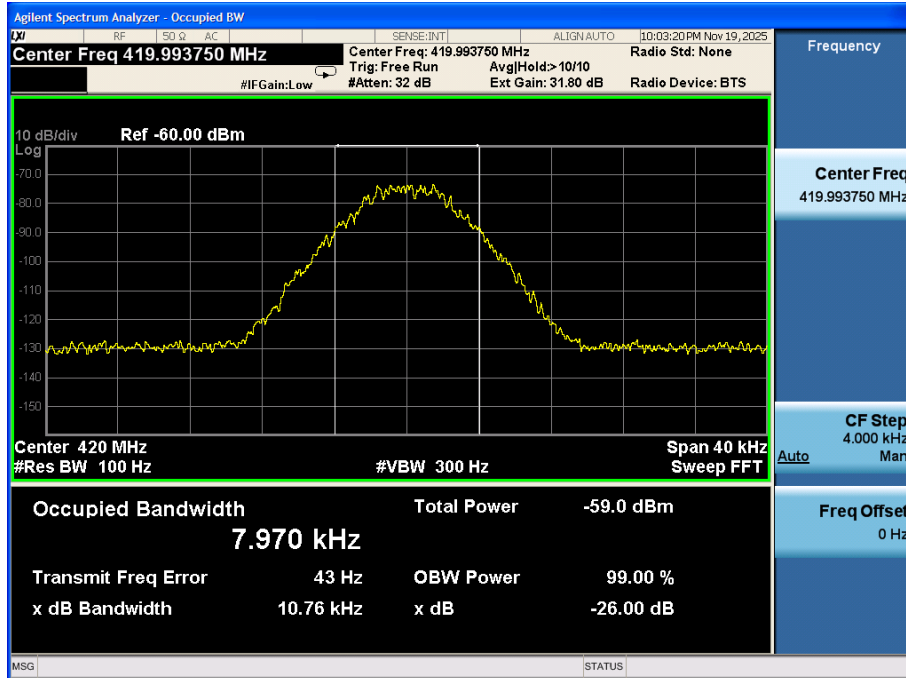


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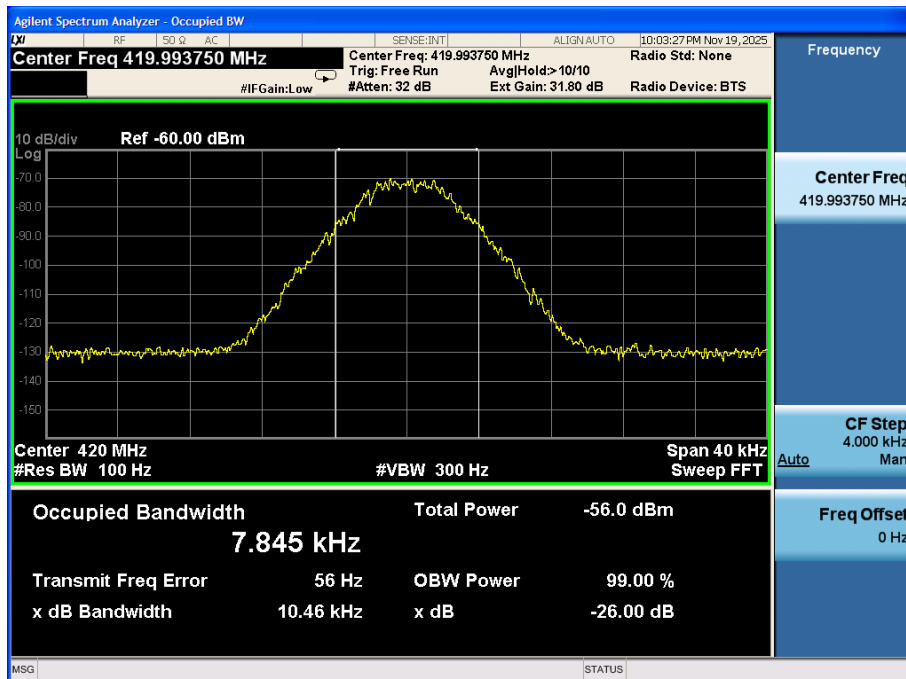
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### 99% OBW

#### DL\_C4FM\_HCH\_Input\_Pre-AGC



#### DL\_C4FM\_HCH\_Input\_3dB above AGC

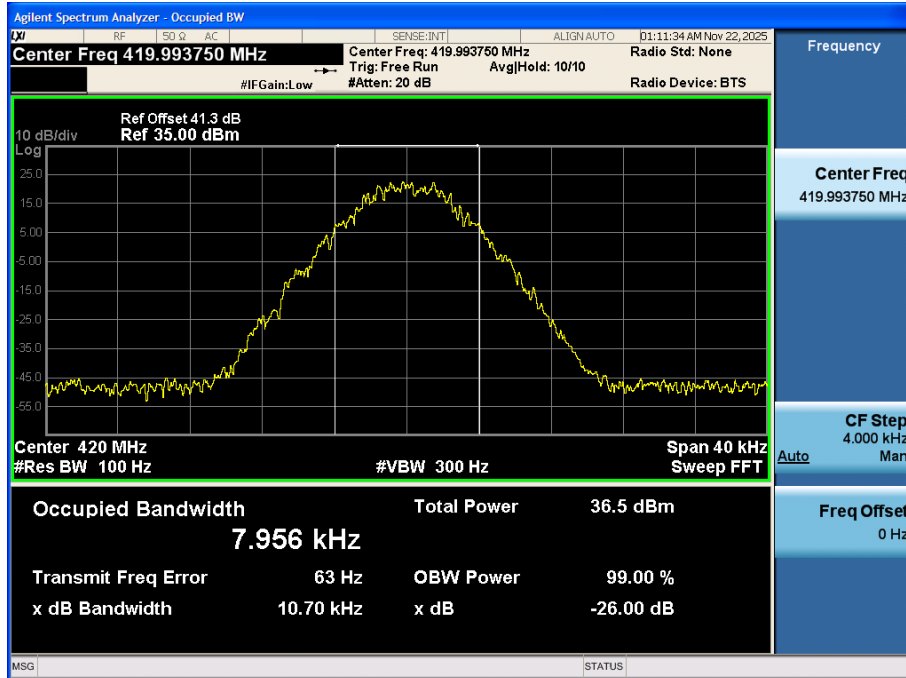


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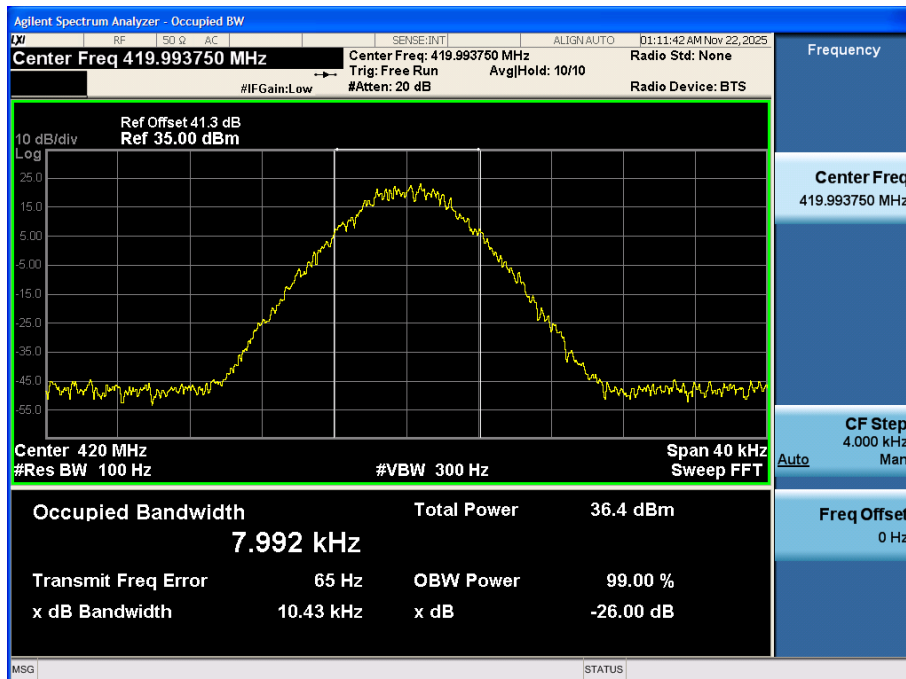
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### 99% OBW

### DL\_C4FM\_HCH\_Output\_Pre-AGC



### DL\_C4FM\_HCH\_Output\_3dB above AGC

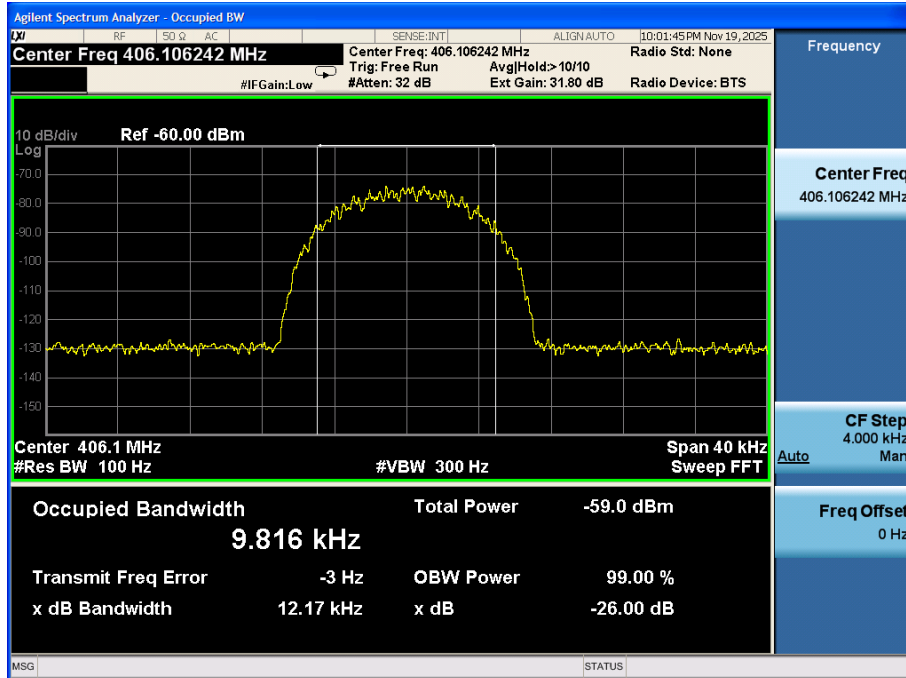


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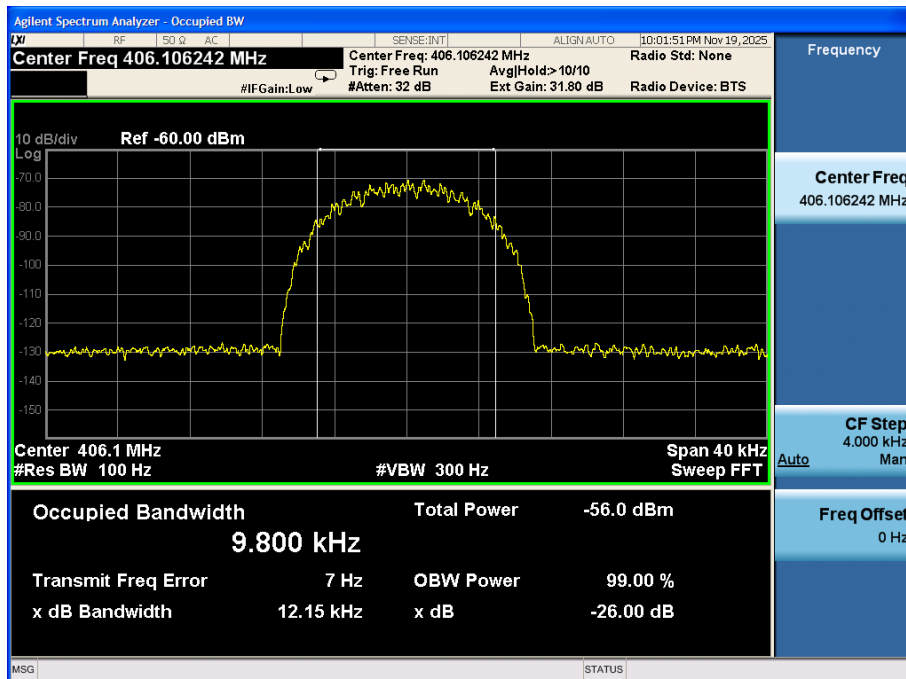
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### 99% OBW

#### DL\_H-DQPSK\_LCH\_Input\_Pre-AGC



#### DL\_H-DQPSK\_LCH\_Input\_3dB above AGC

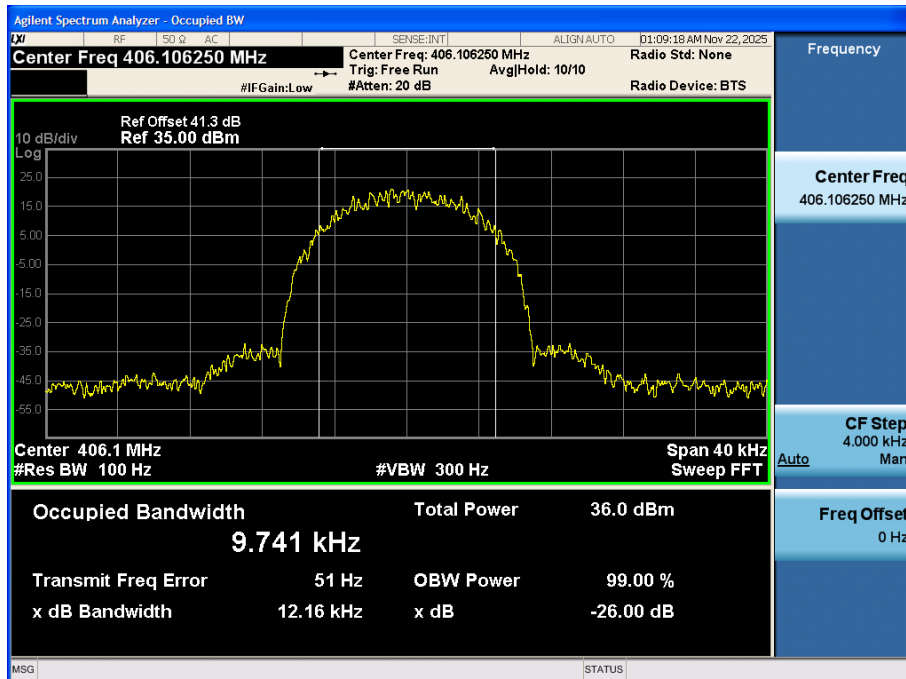


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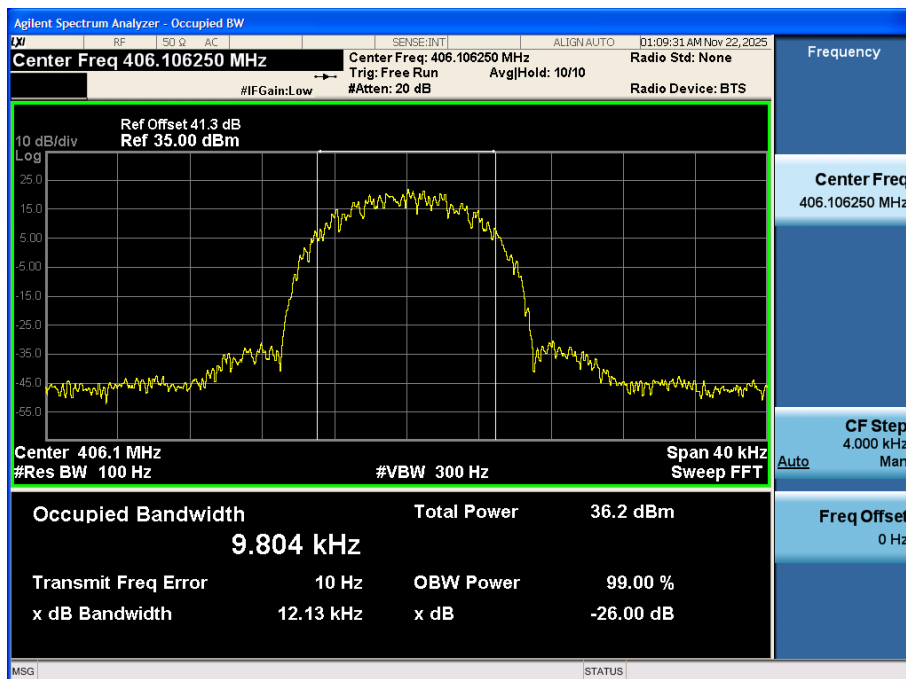
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### 99% OBW

#### DL\_H-DQPSK\_LCH\_Output\_Pre-AGC



#### DL\_H-DQPSK\_LCH\_Output\_3dB above AGC

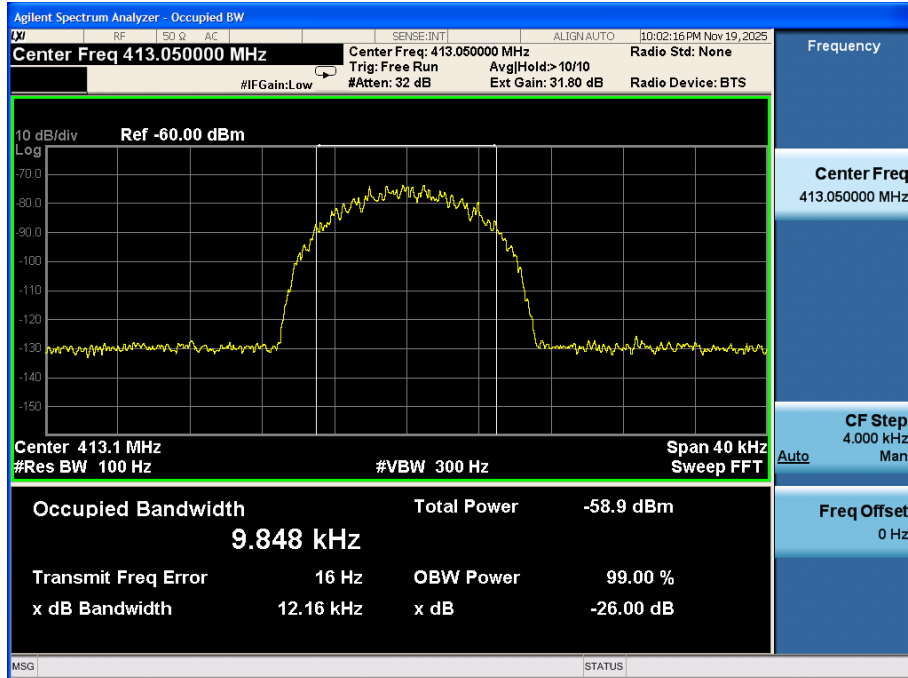


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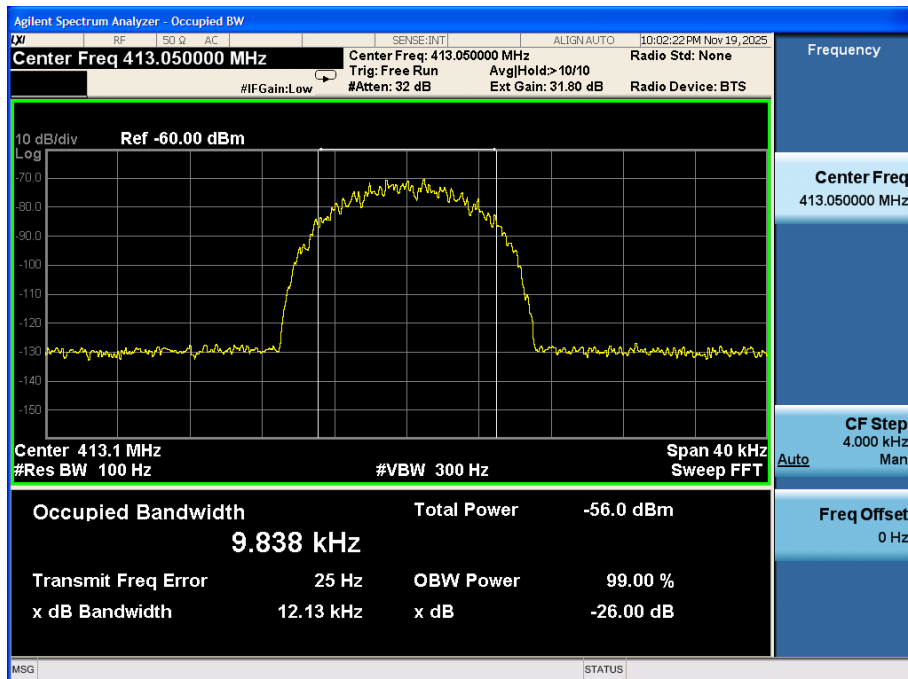
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### 99% OBW

#### DL\_H-DQPSK\_MCH\_Input\_Pre-AGC



#### DL\_H-DQPSK\_MCH\_Input\_3dB above AGC

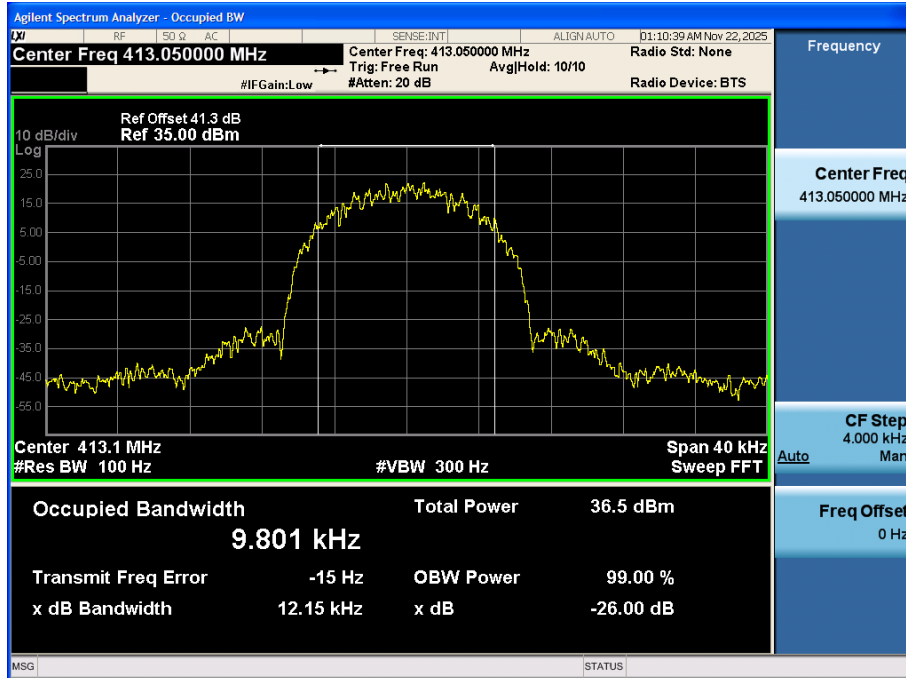


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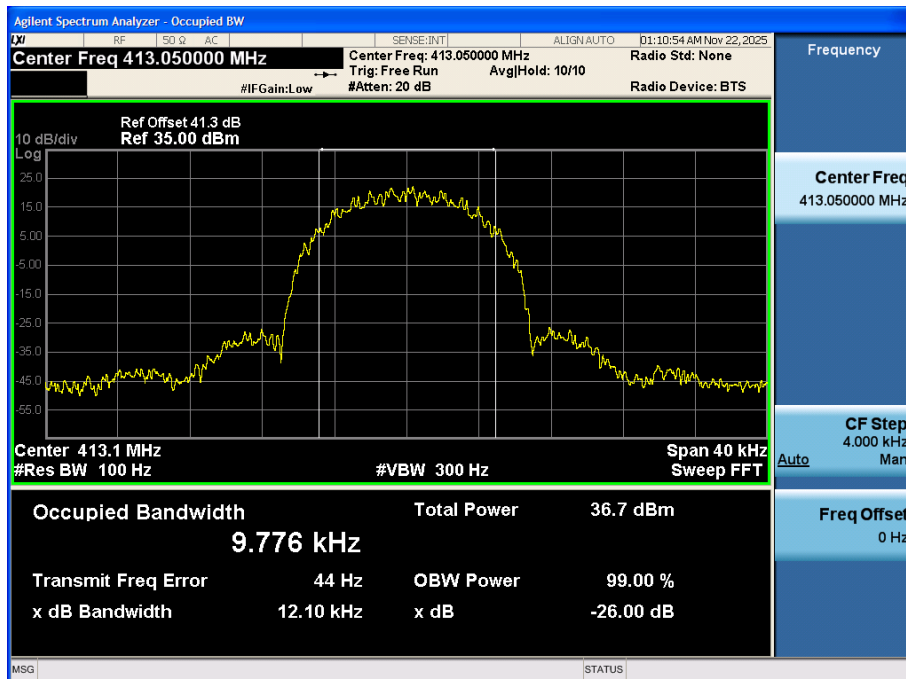
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### 99% OBW

#### DL\_H-DQPSK\_MCH\_Output\_Pre-AGC



#### DL\_H-DQPSK\_MCH\_Output\_3dB above AGC



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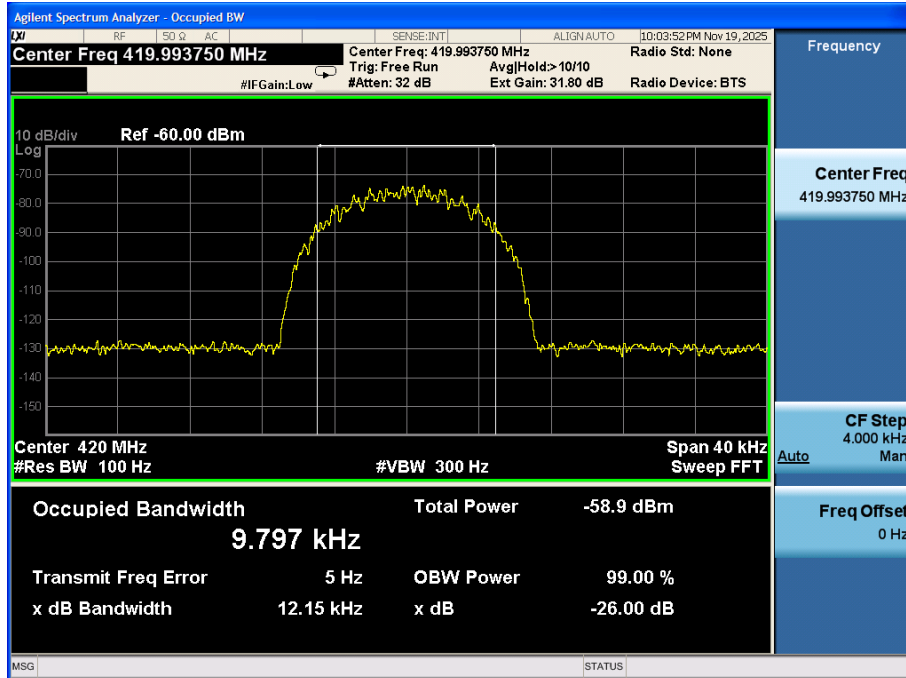
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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

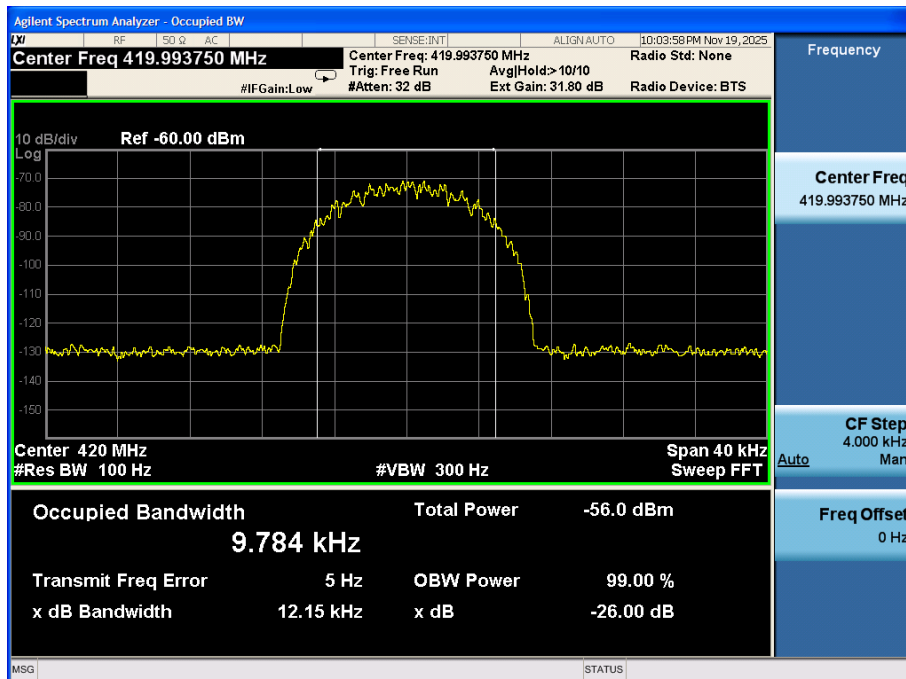
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t (86-20) 82155555 sgs.china@sgs.com

### 99% OBW

#### DL\_H-DQPSK\_HCH\_Input\_Pre-AGC



#### DL\_H-DQPSK\_HCH\_Input\_3dB above AGC

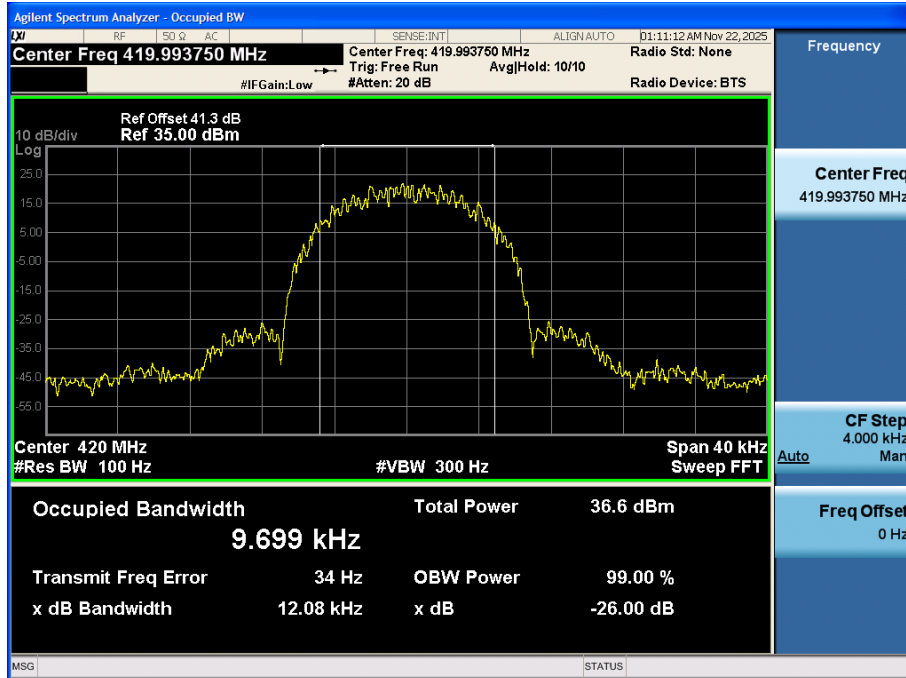


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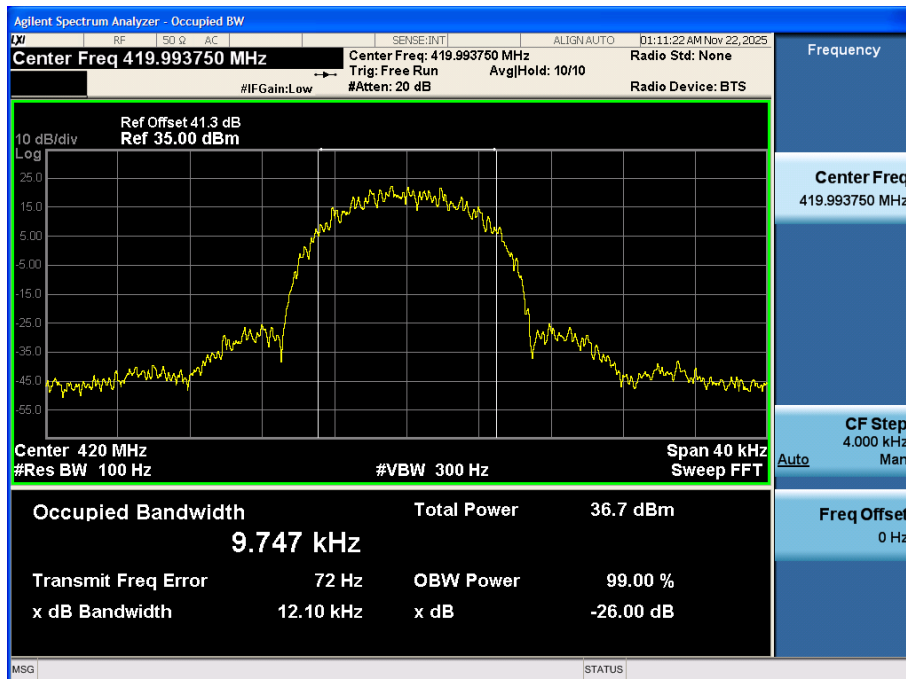
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### 99% OBW

#### DL\_H-DQPSK\_HCH\_Output\_Pre-AGC



#### DL\_H-DQPSK\_HCH\_Output\_3dB above AGC

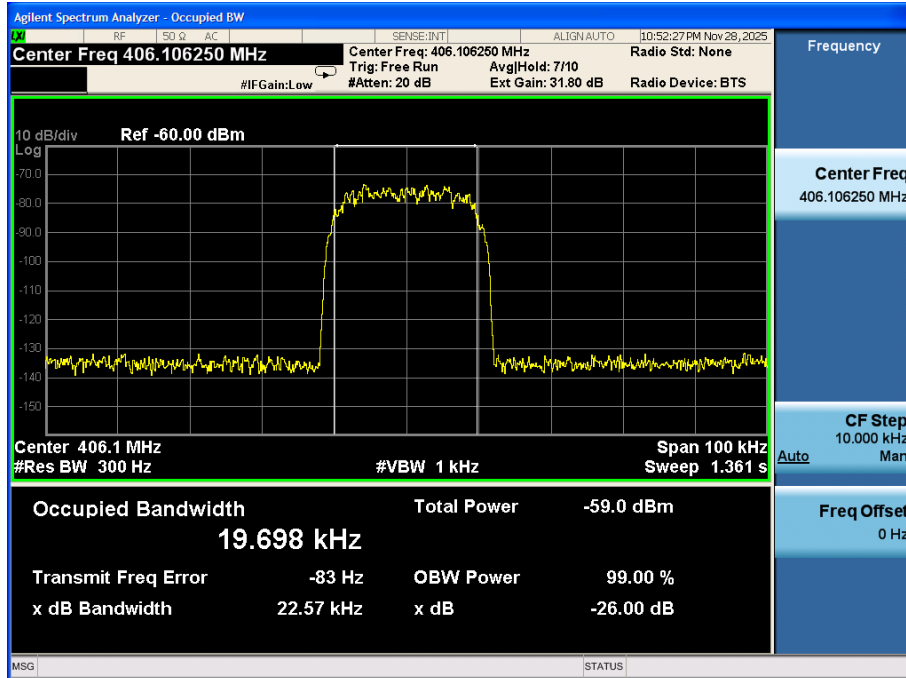


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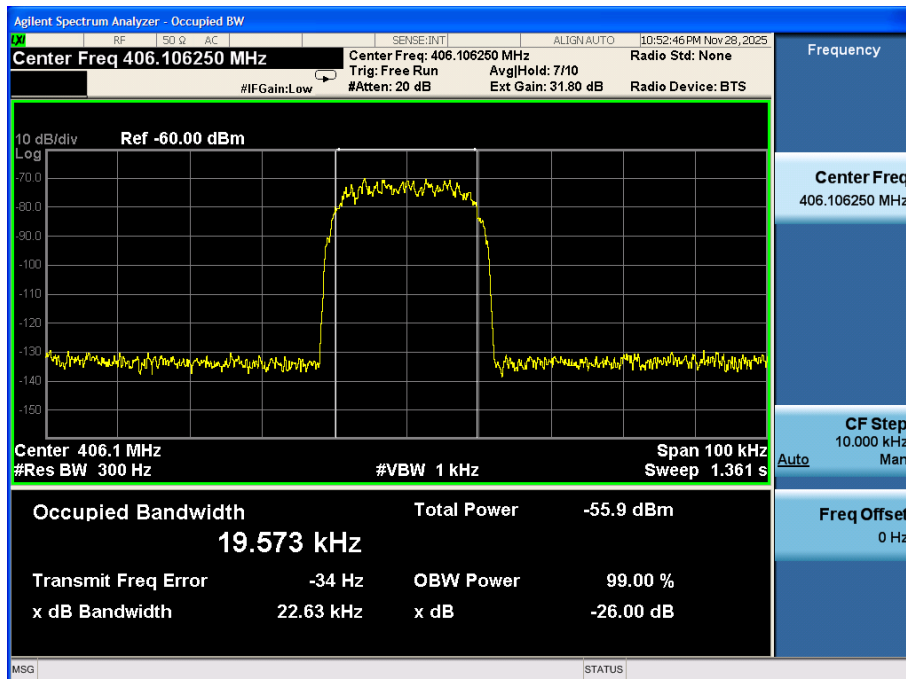
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### 99% OBW

#### DL\_π/4-DQPSK\_LCH\_Input\_Pre-AGC



#### DL\_π/4-DQPSK\_LCH\_Input\_3dB above AGC

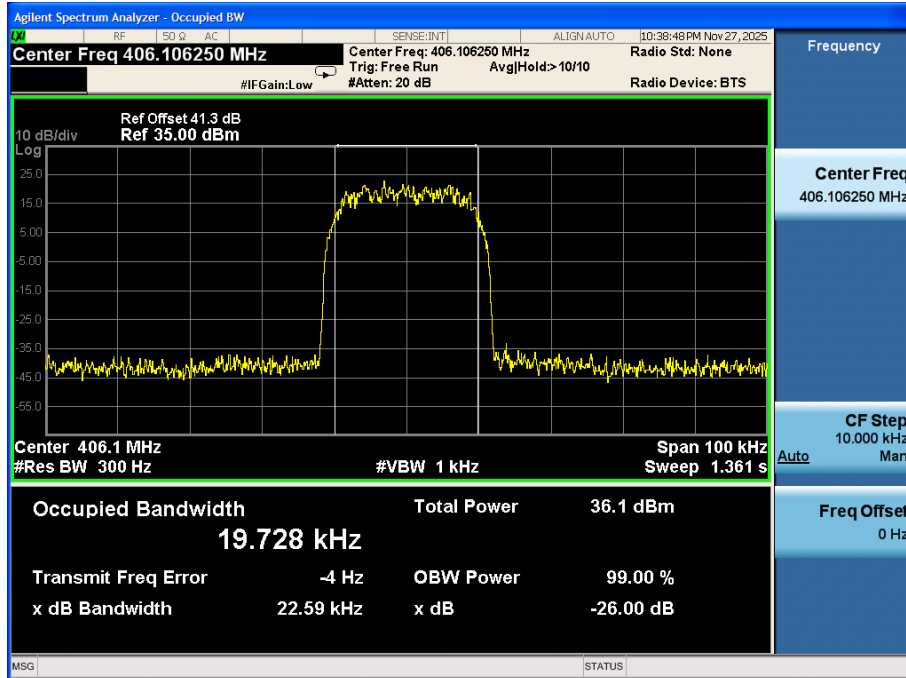


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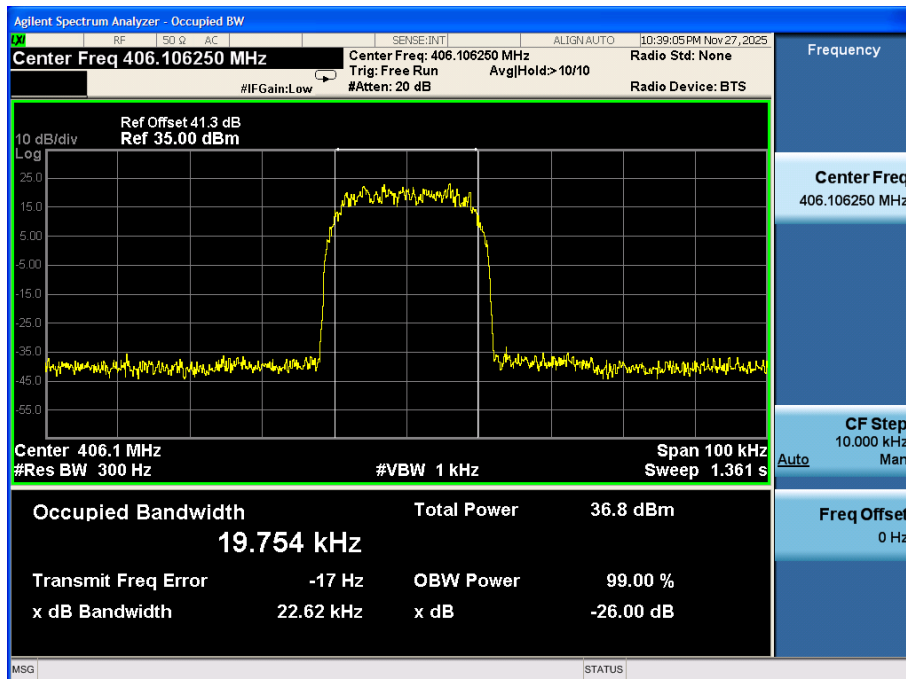
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### 99% OBW

#### DL\_π/4-DQPSK\_LCH\_Output\_Pre-AGC



#### DL\_π/4-DQPSK\_LCH\_Output\_3dB above AGC



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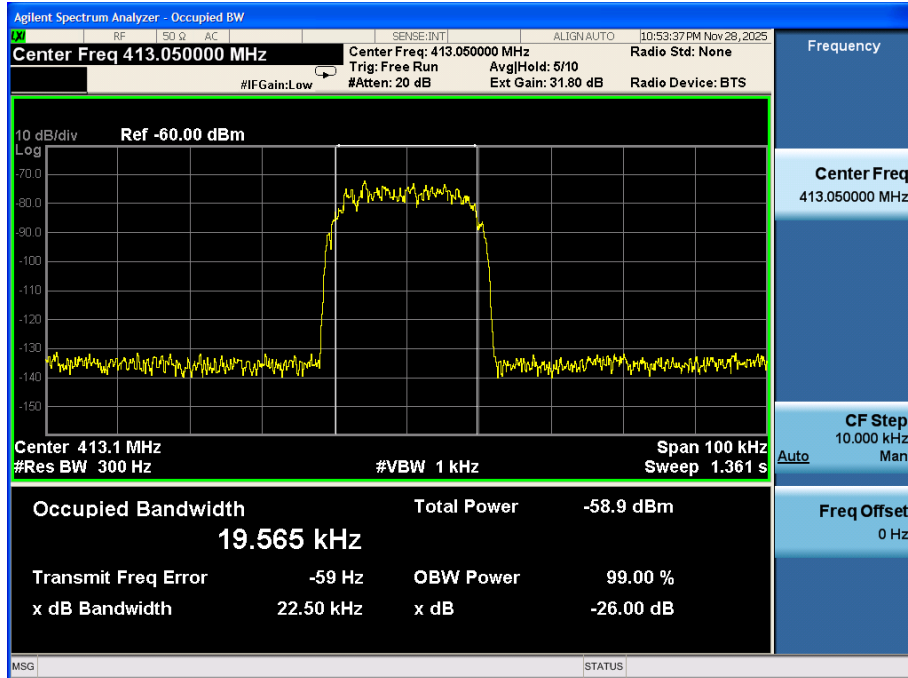
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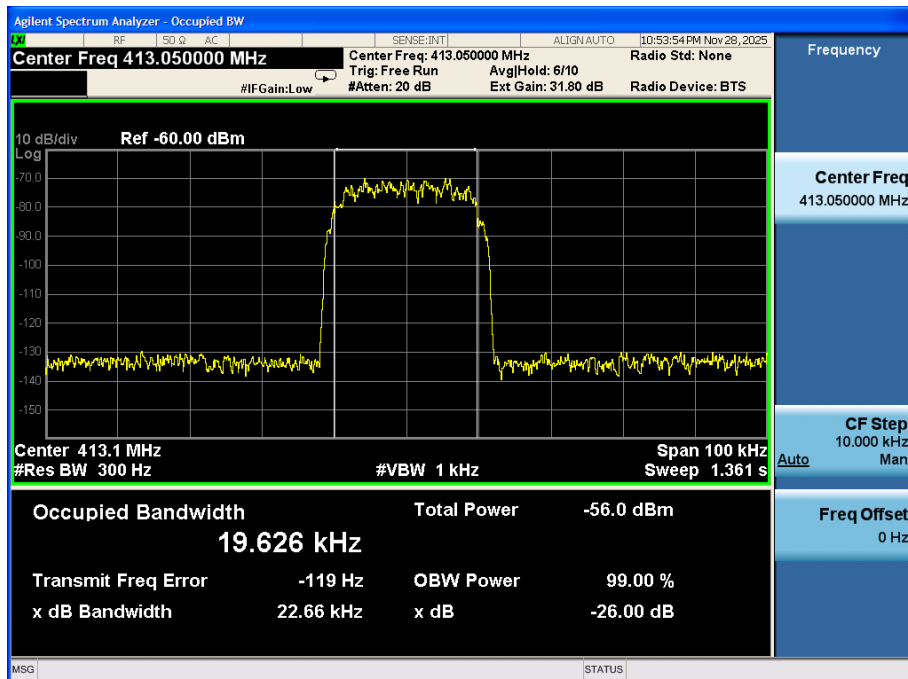
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### 99% OBW

#### DL\_π/4-DQPSK\_MCH\_Input\_Pre-AGC



#### DL\_π/4-DQPSK\_MCH\_Input\_3dB above AGC

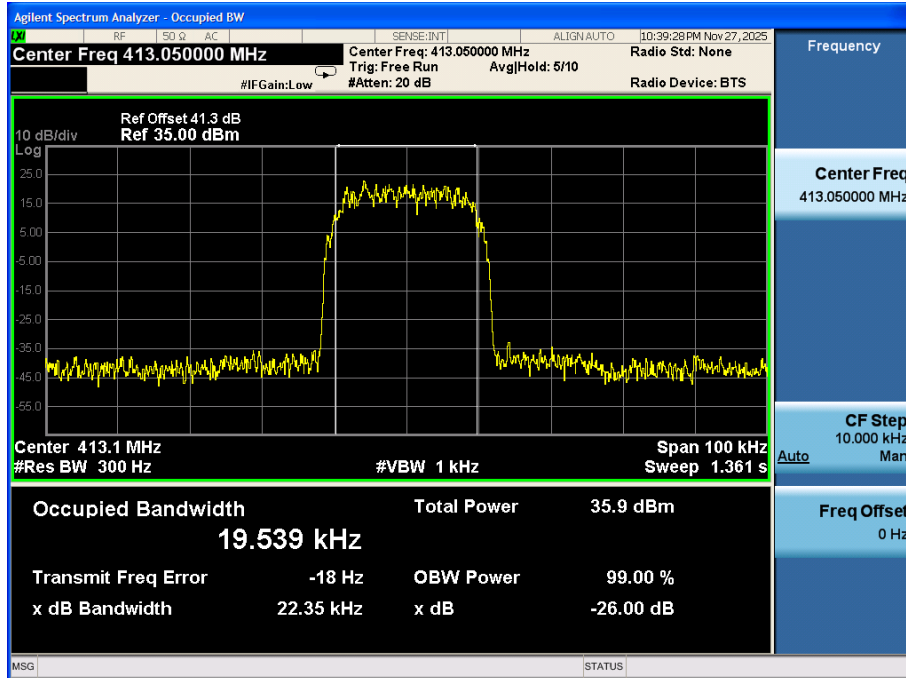


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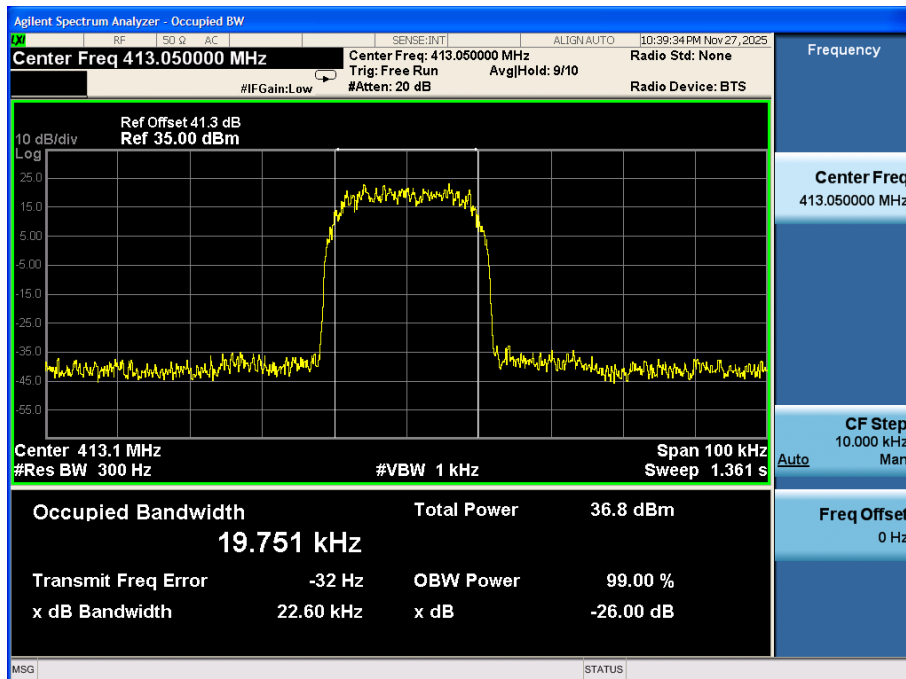
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### DL\_π/4-DQPSK\_MCH\_Output\_Pre-AGC



### DL\_π/4-DQPSK\_MCH\_Output\_3dB above AGC



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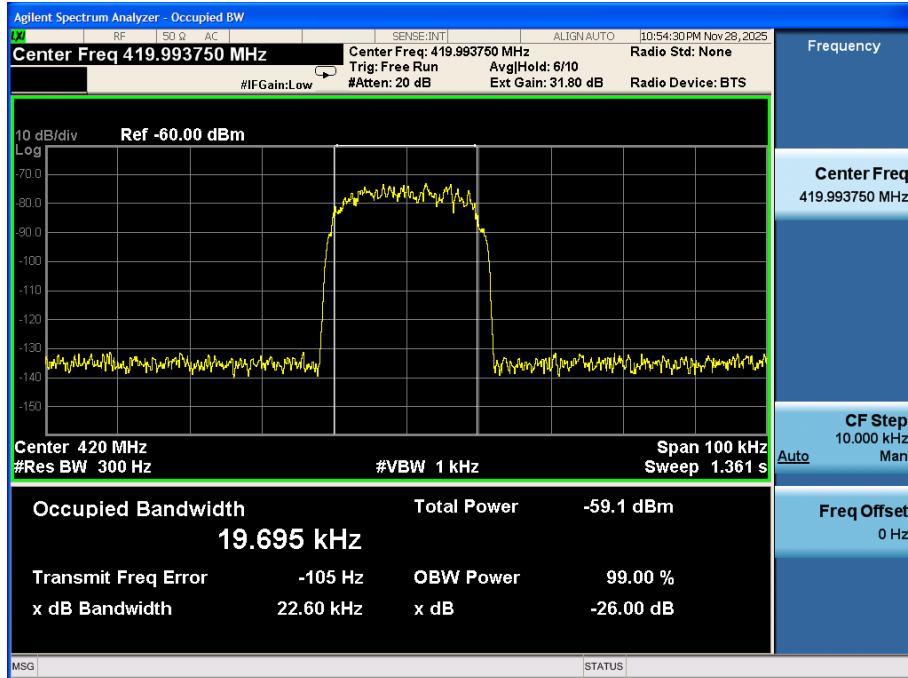
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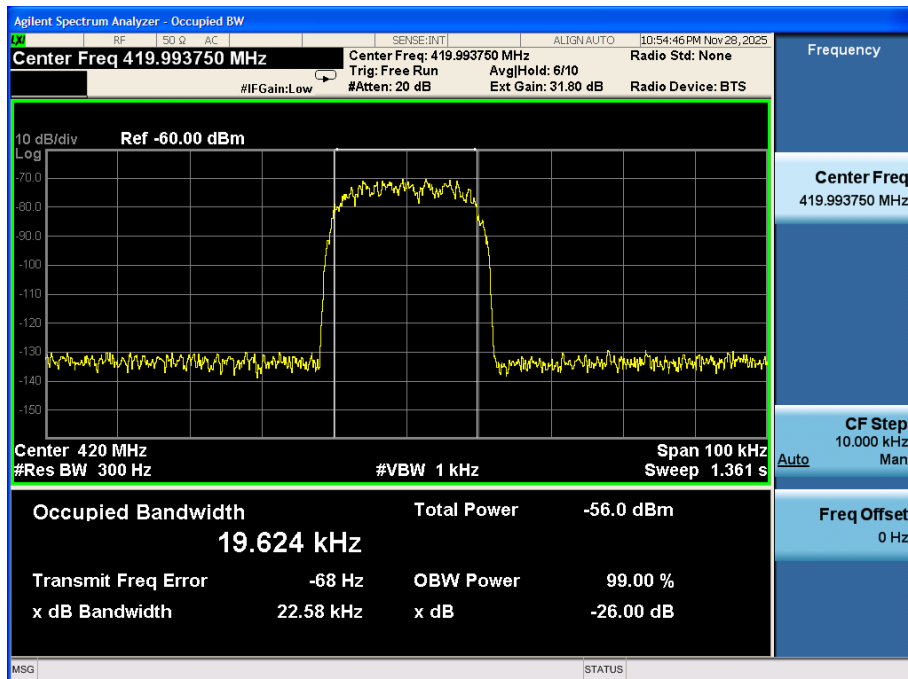
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#### DL\_π/4-DQPSK\_HCH\_Input\_Pre-AGC



#### DL\_π/4-DQPSK\_HCH\_Input\_3dB above AGC

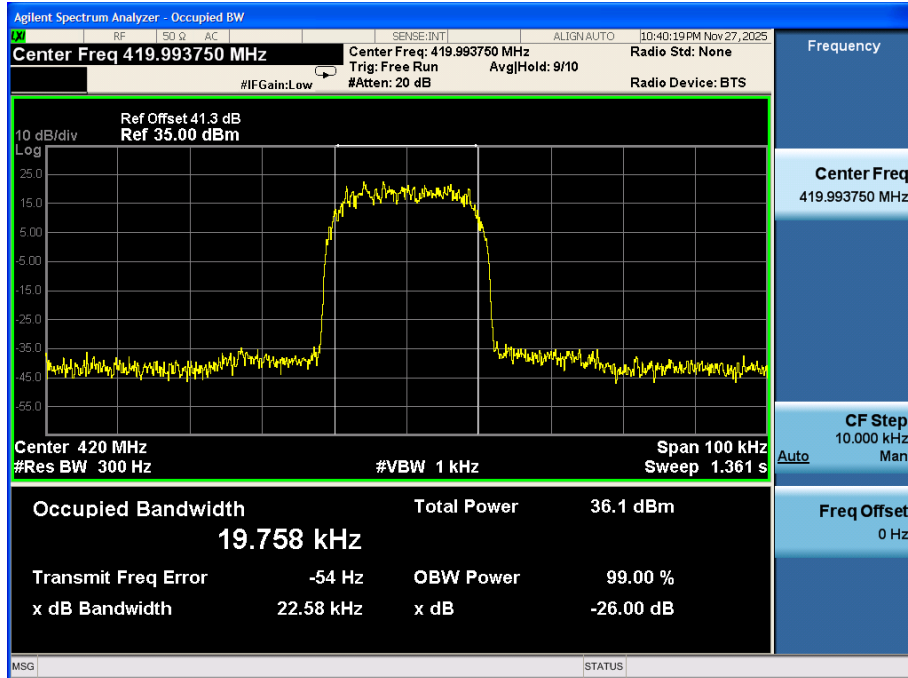


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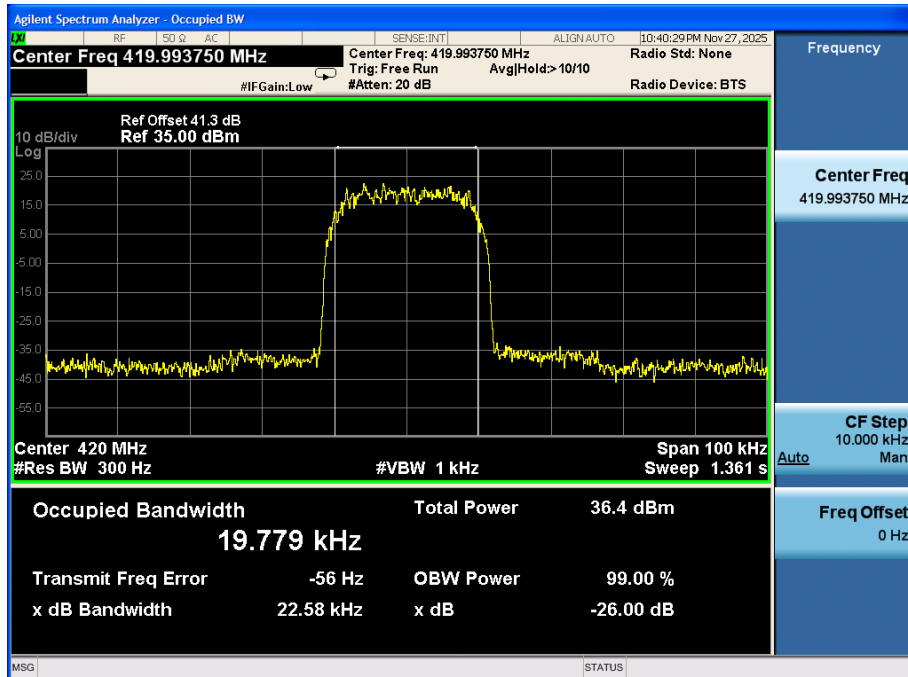
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#### DL\_π/4-DQPSK\_HCH\_Output\_Pre-AGC



#### DL\_π/4-DQPSK\_HCH\_Output\_3dB above AGC

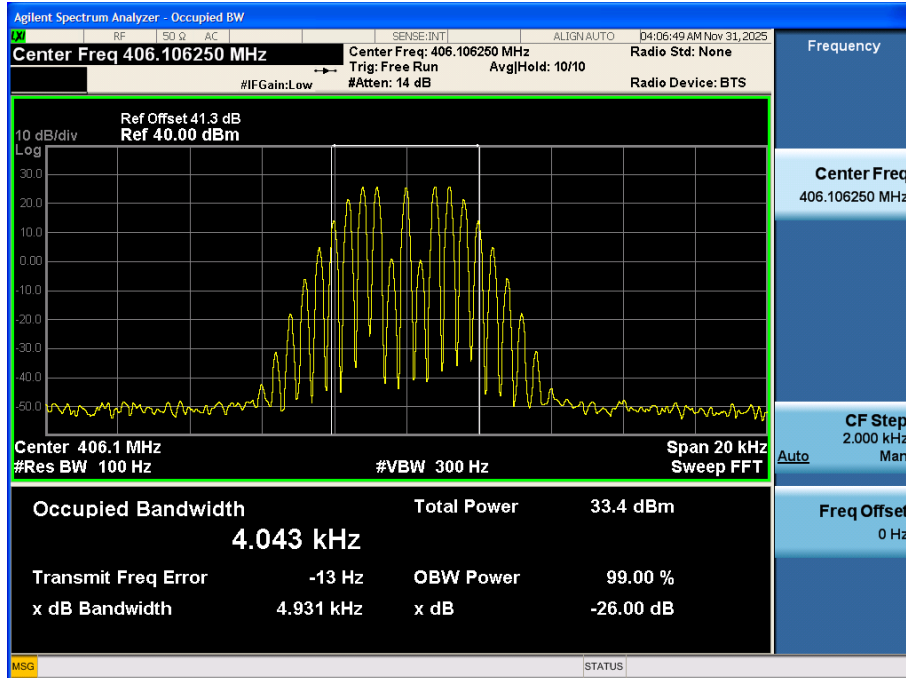


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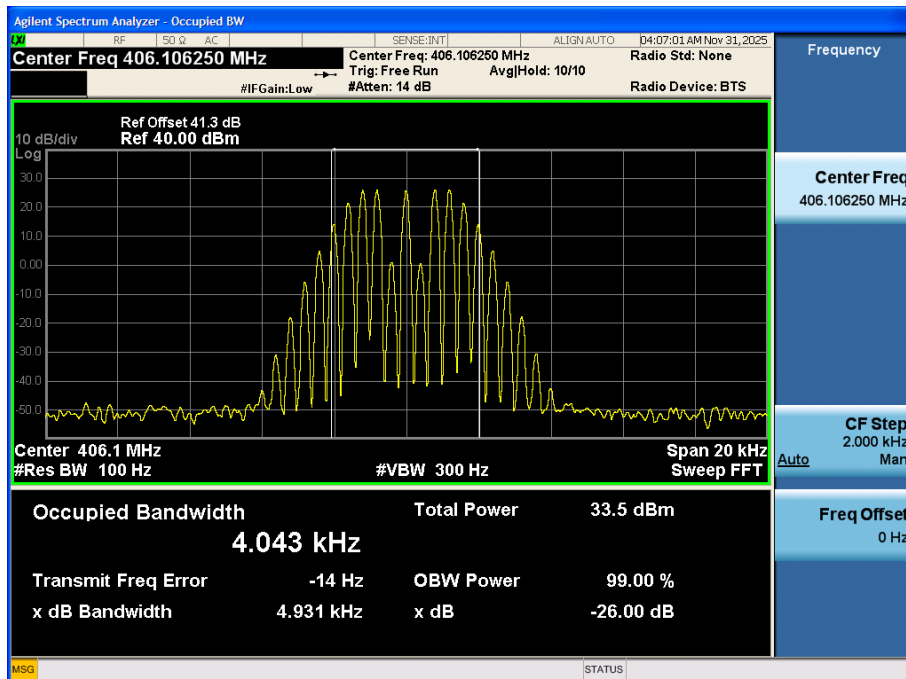
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### UL\_FM\_LCH\_Input\_Pre-AGC



### UL\_FM\_LCH\_Input\_3dB above AGC



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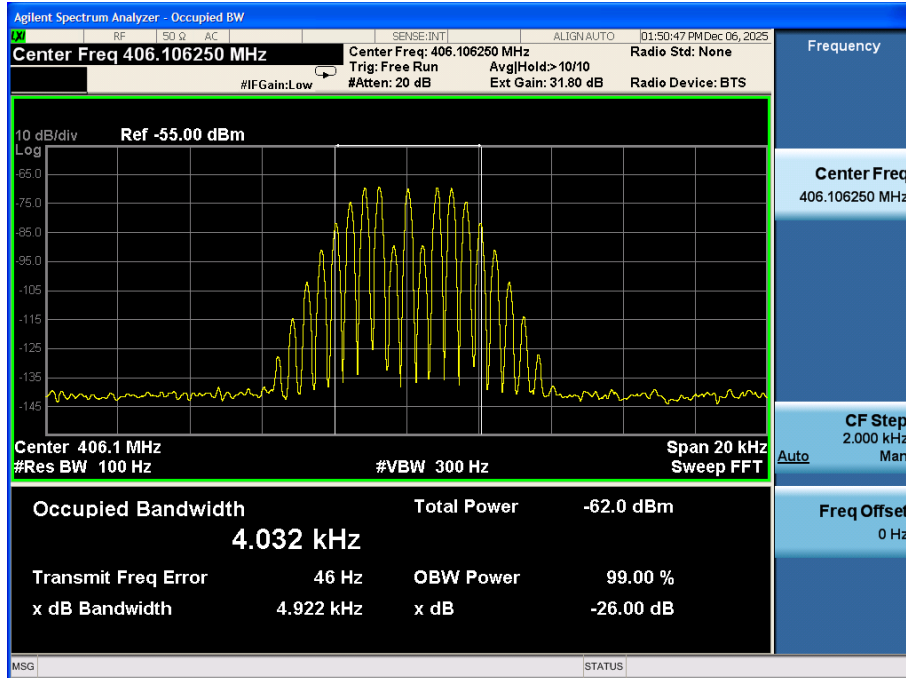
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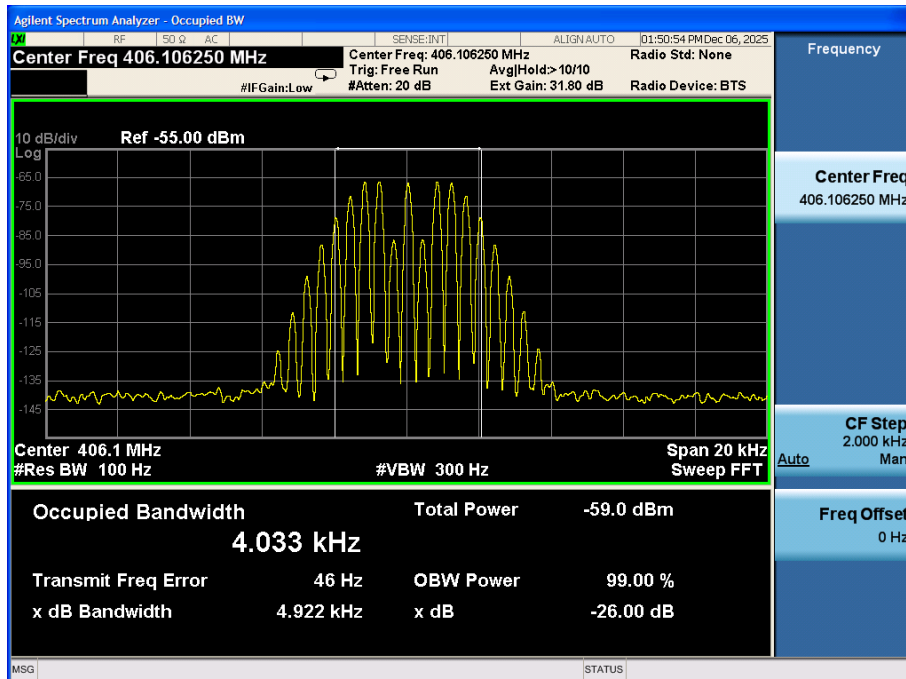
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### UL\_FM\_LCH\_Output\_Pre-AGC



### UL\_FM\_LCH\_Output\_3dB above AGC



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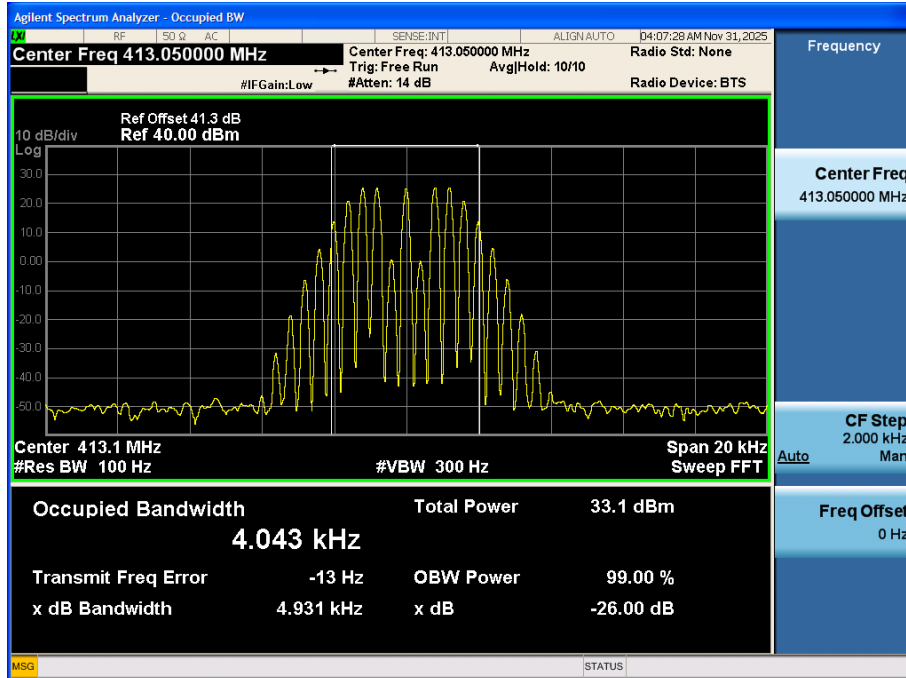
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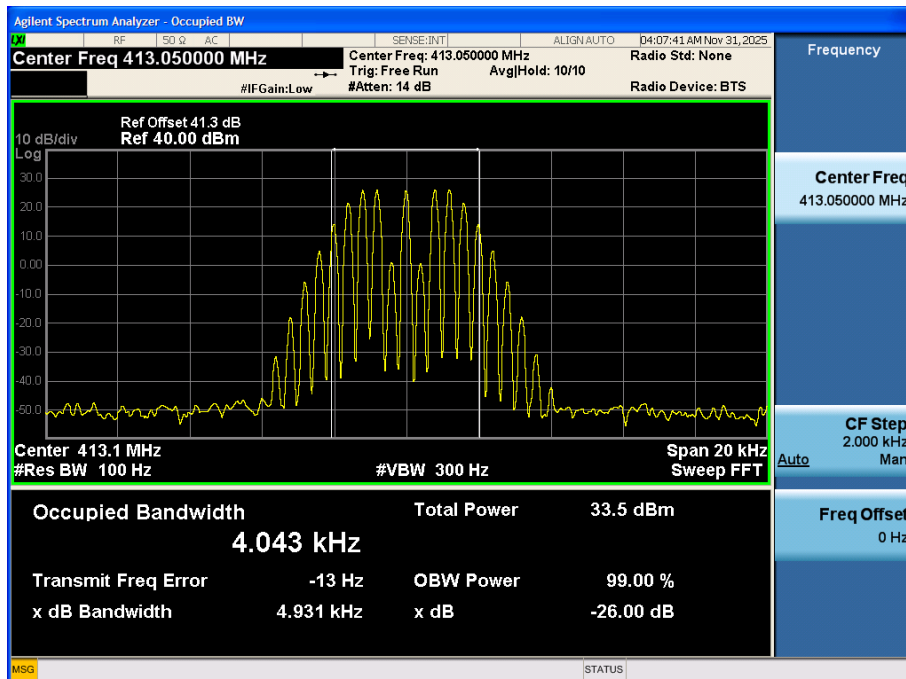
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#### UL\_FM\_MCH\_Input\_Pre-AGC



#### UL\_FM\_MCH\_Input\_3dB above AGC

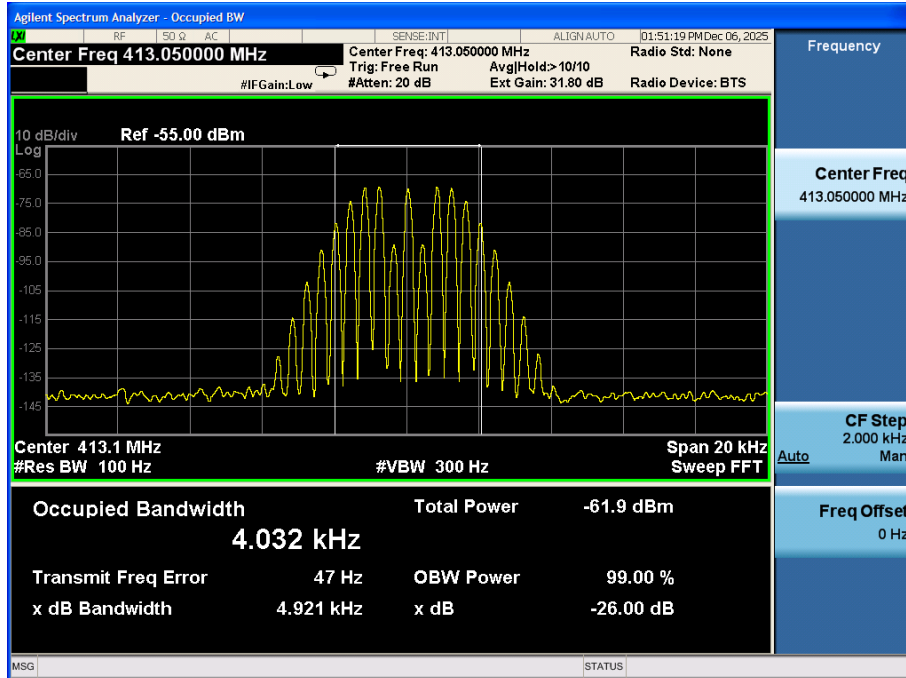


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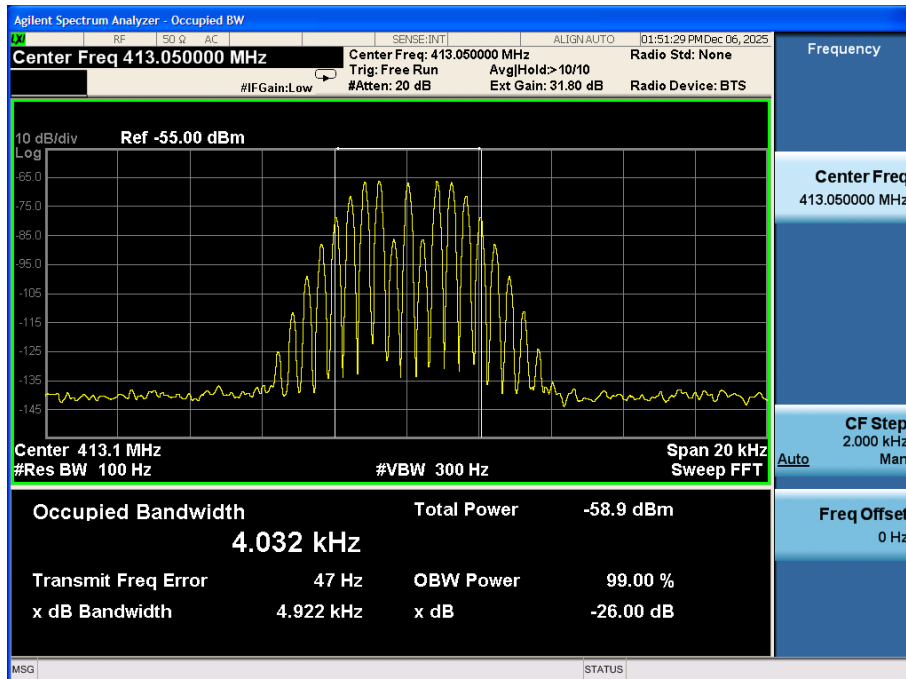
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#### UL\_FM\_MCH\_Output\_Pre-AGC



#### UL\_FM\_MCH\_Output\_3dB above AGC

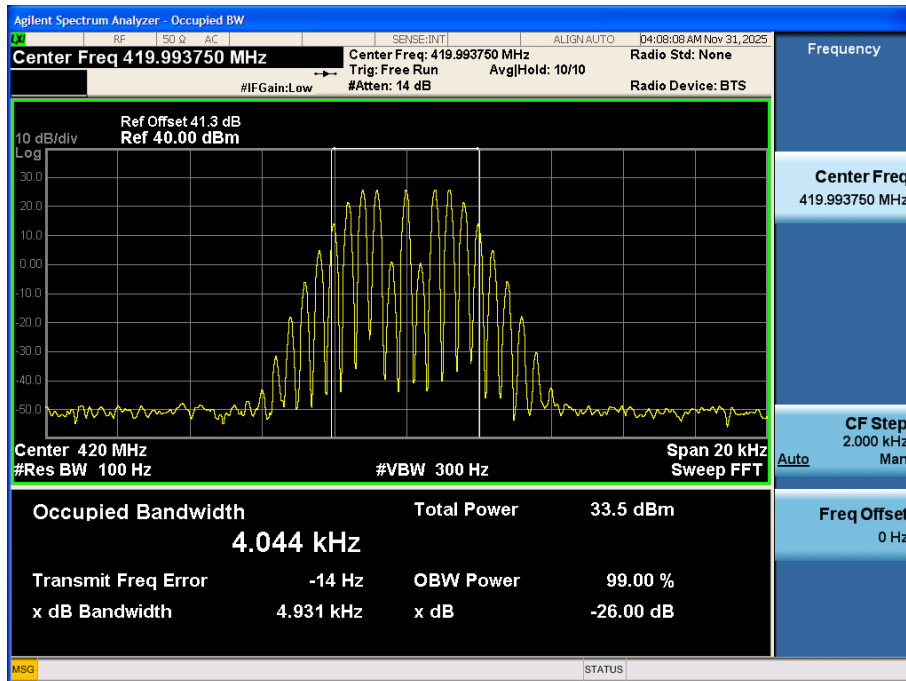


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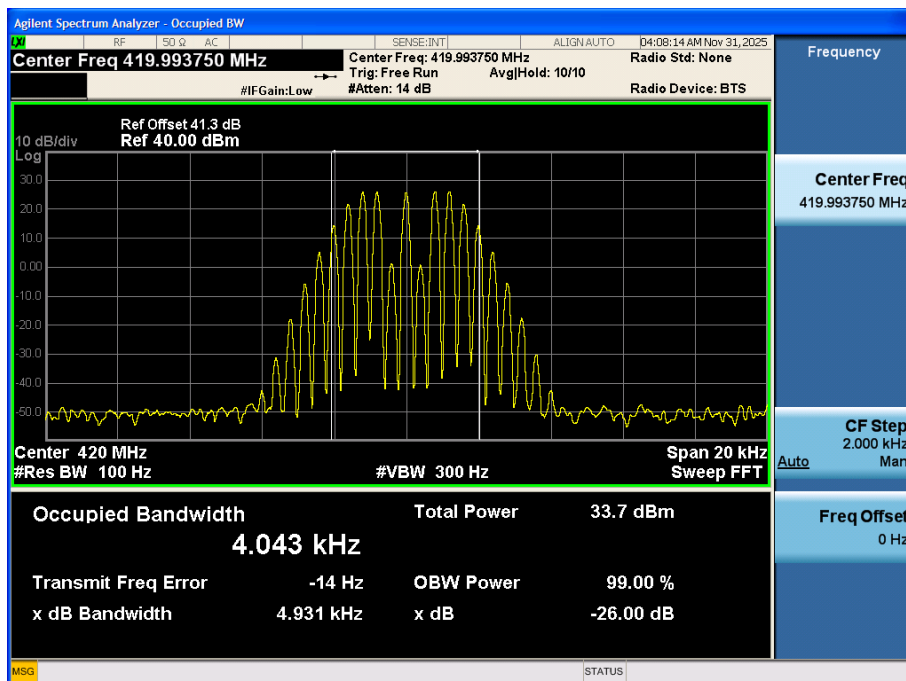
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### UL\_FM\_HCH\_Input\_Pre-AGC



### UL\_FM\_HCH\_Input\_3dB above AGC



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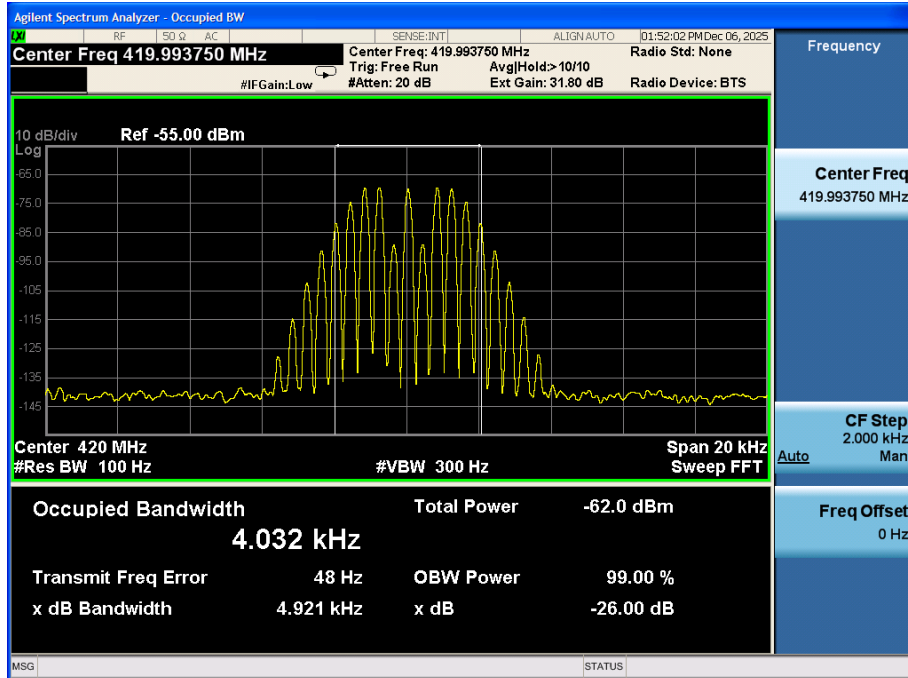
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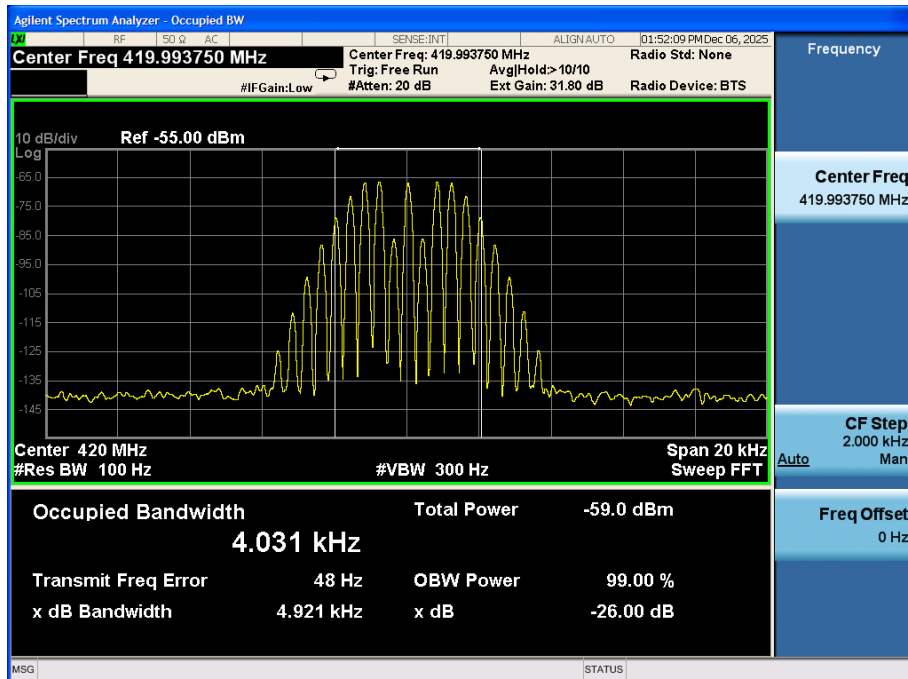
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#### UL\_FM\_HCH\_Output\_Pre-AGC



#### UL\_FM\_HCH\_Output\_3dB above AGC

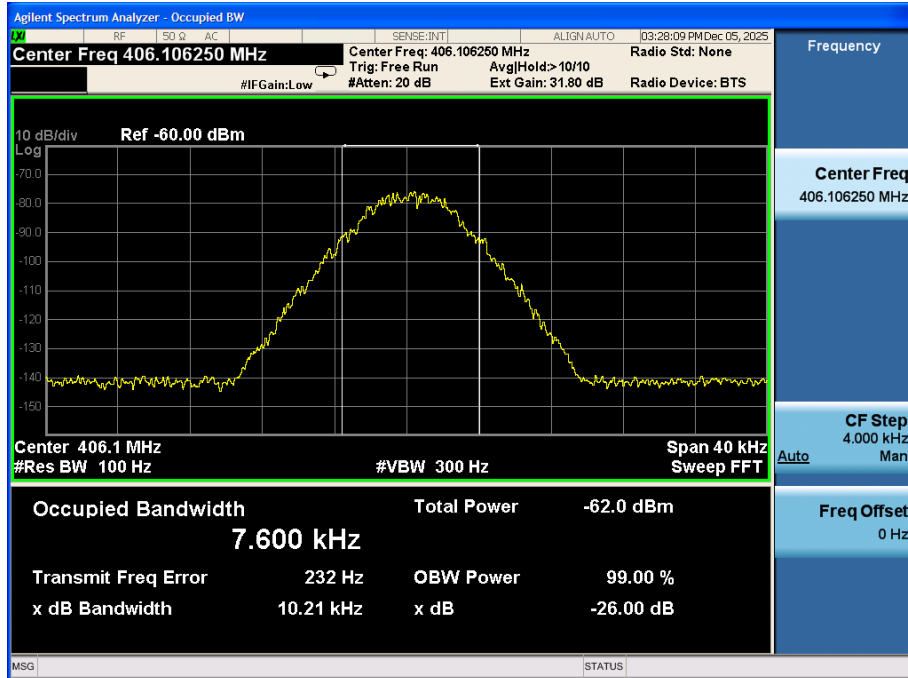


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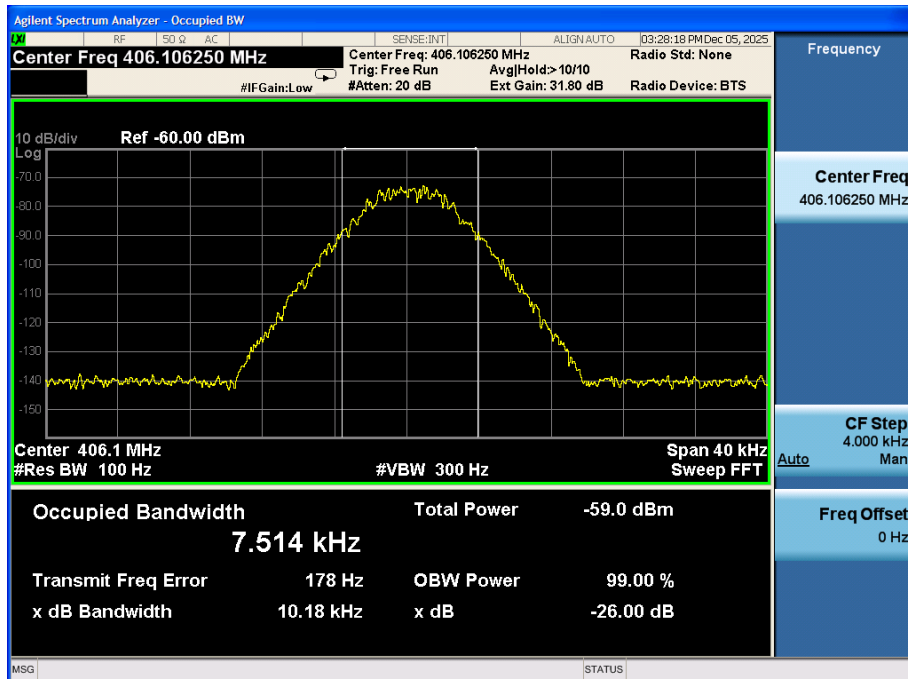
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### UL\_DMR\_LCH\_Input\_Pre-AGC



### UL\_DMR\_LCH\_Input\_3dB above AGC

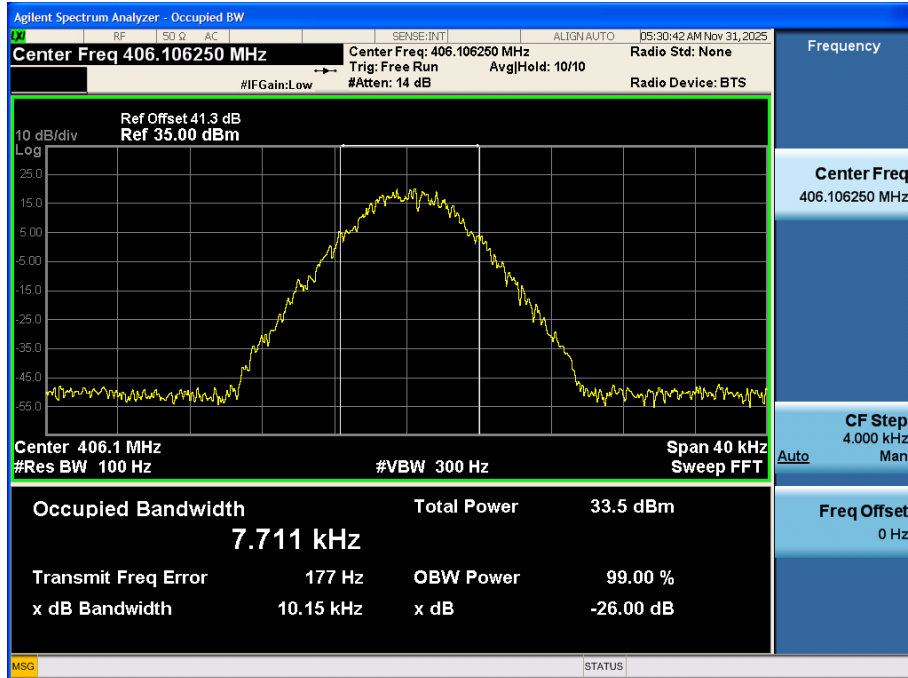


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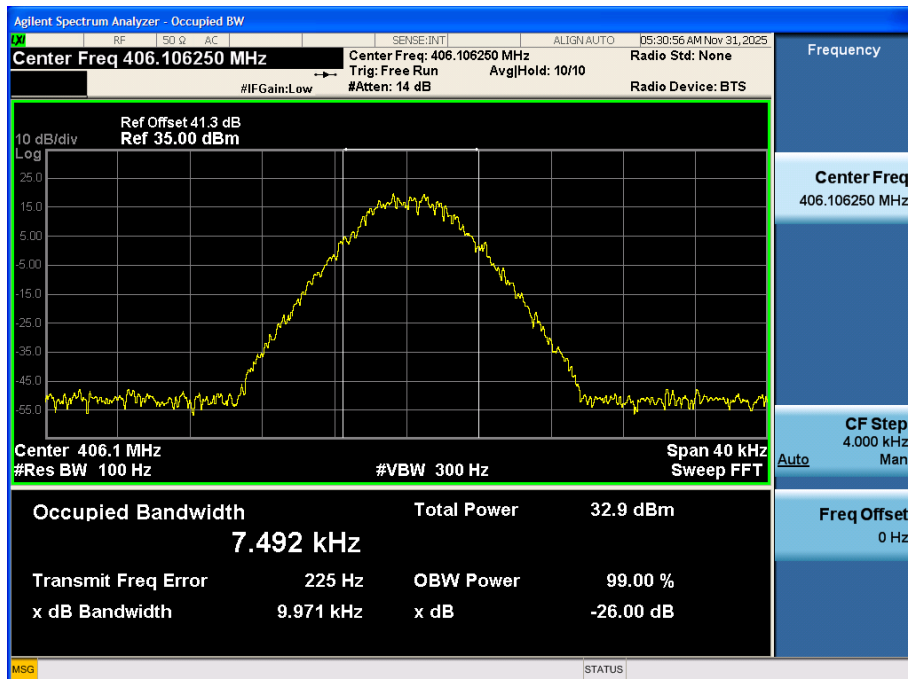
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#### UL\_DMR\_LCH\_Output\_Pre-AGC



#### UL\_DMR\_LCH\_Output\_3dB above AGC



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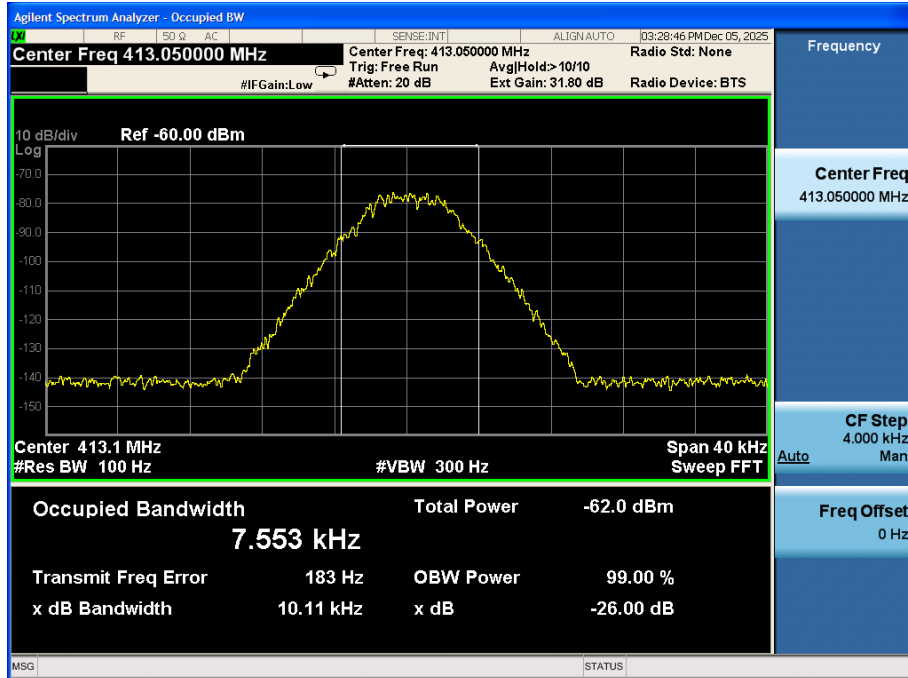
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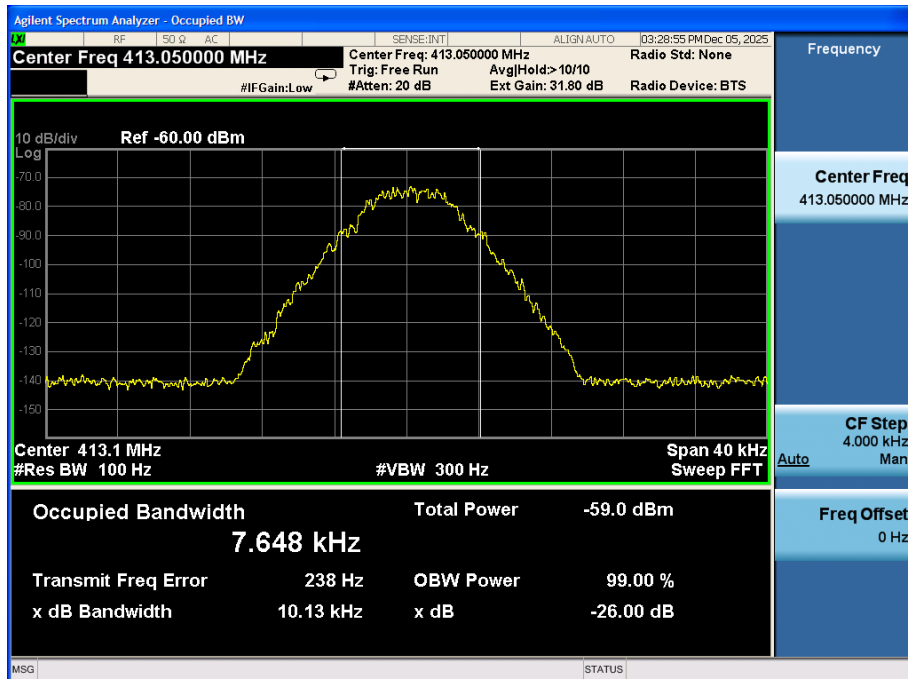
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### 99% OBW

### UL\_DMR\_MCH\_Input\_Pre-AGC



### UL\_DMR\_MCH\_Input\_3dB above AGC

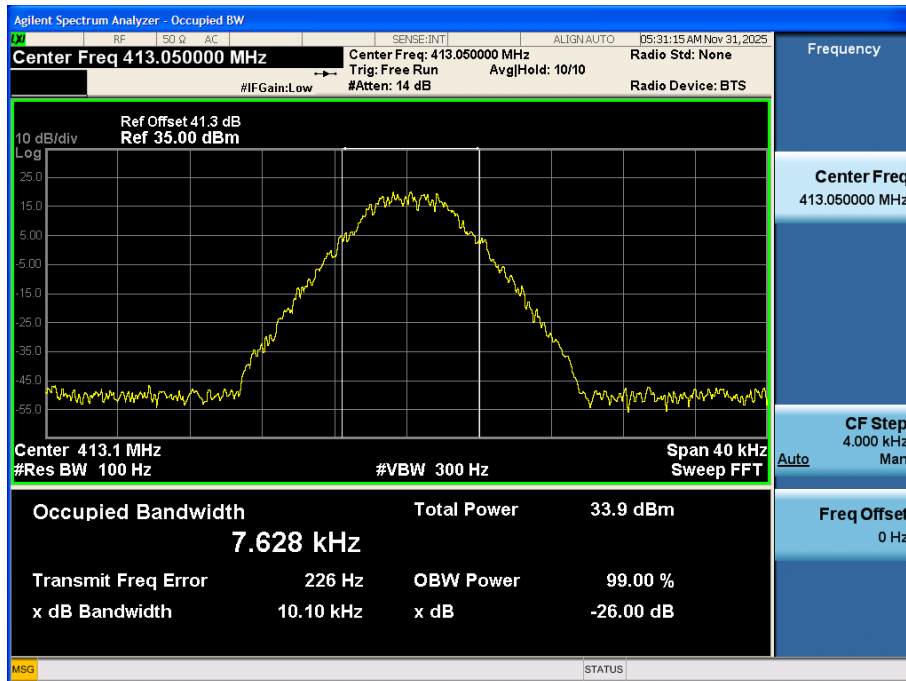


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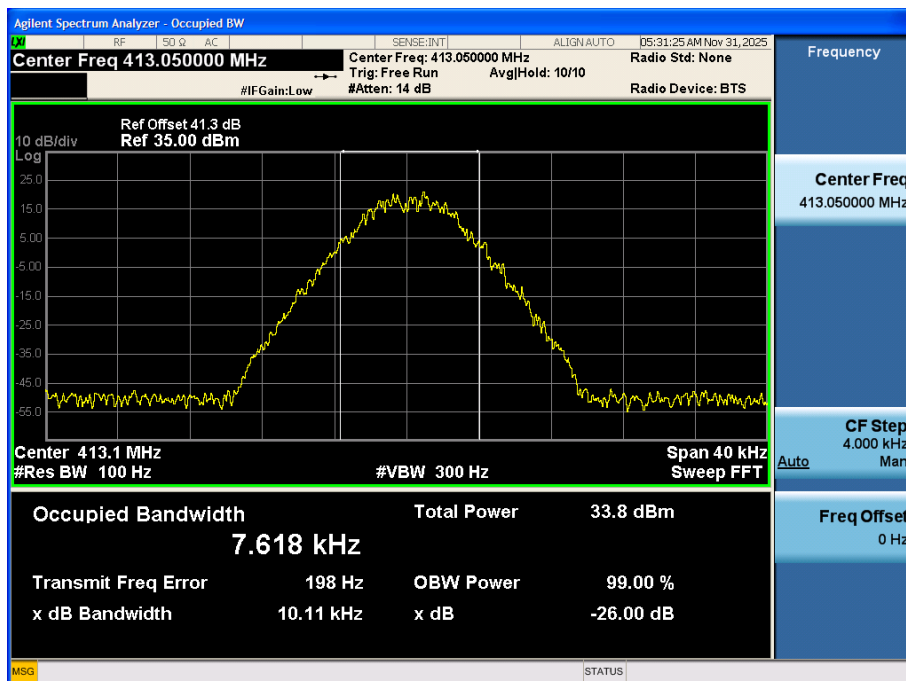
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#### UL\_DMR\_MCH\_Output\_Pre-AGC



#### UL\_DMR\_MCH\_Output\_3dB above AGC



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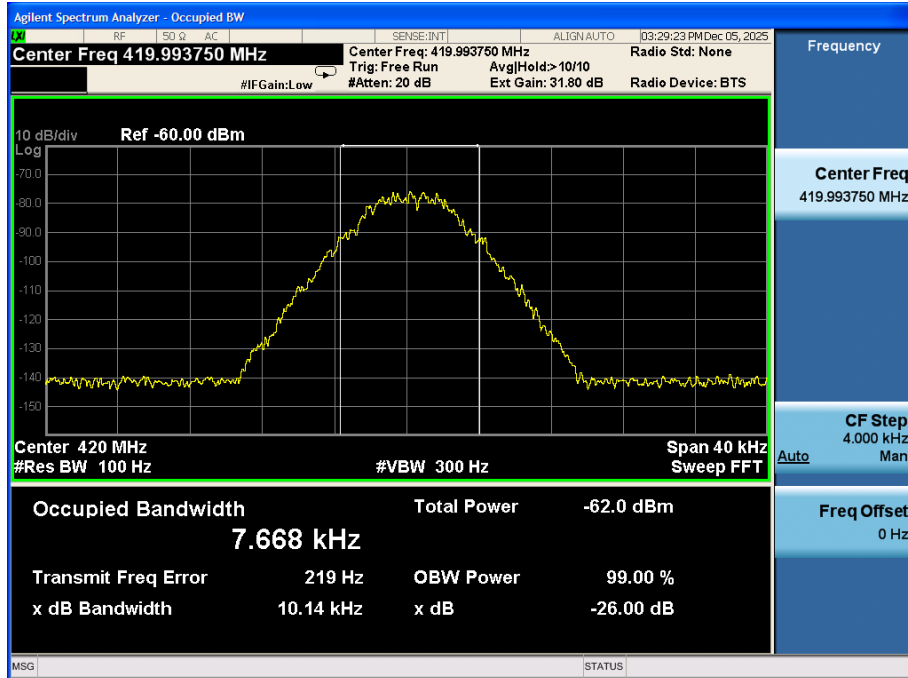
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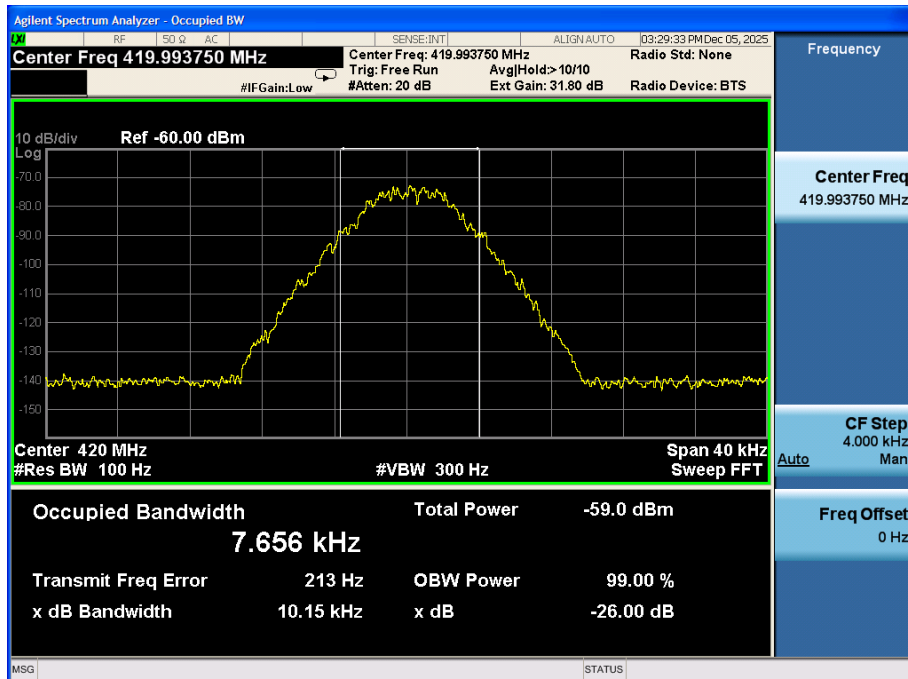
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### UL\_DMR\_HCH\_Input\_Pre-AGC



### UL\_DMR\_HCH\_Input\_3dB above AGC



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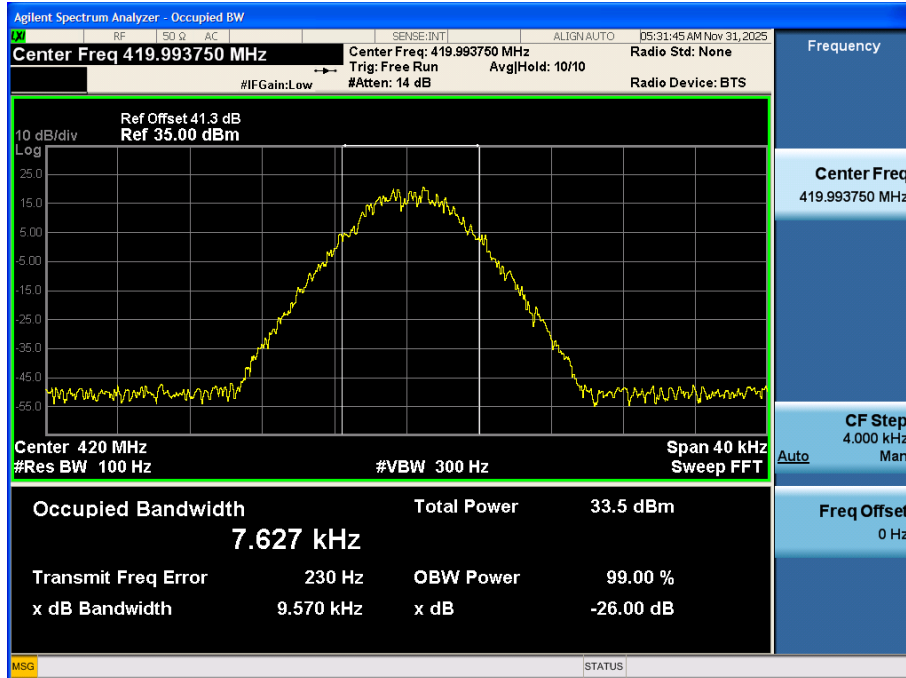
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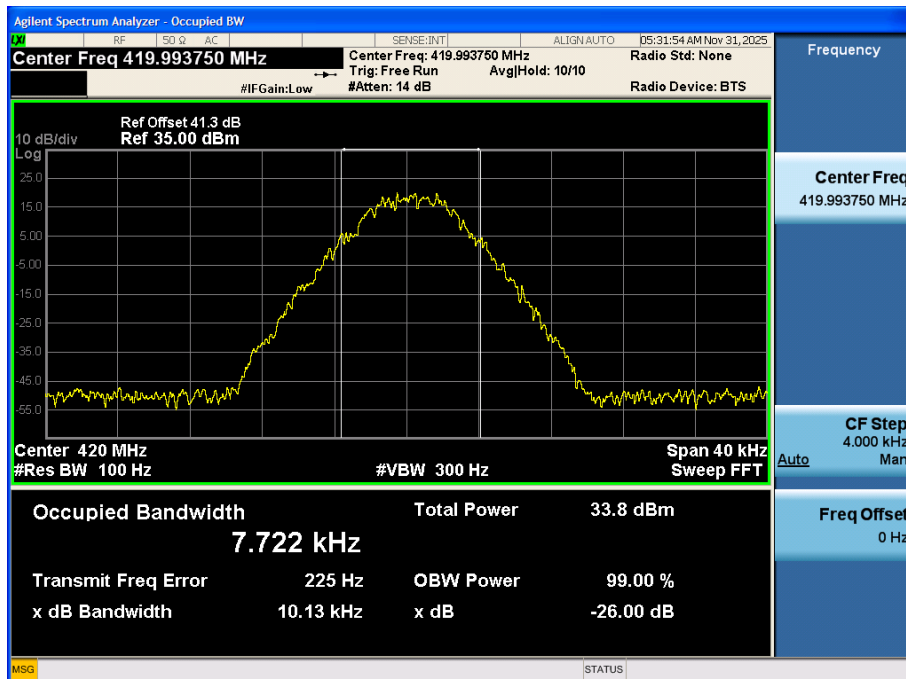
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t (86-20) 82155555 sgs.china@sgs.com

99% OBW

UL\_DMR\_HCH\_Output\_Pre-AGC



UL\_DMR\_HCH\_Output\_3dB above AGC



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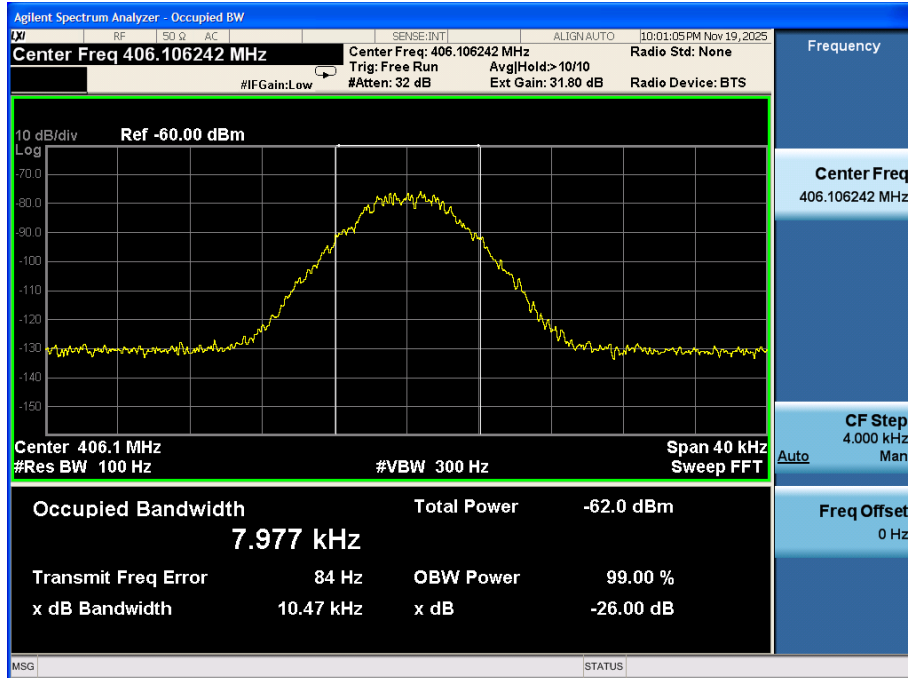
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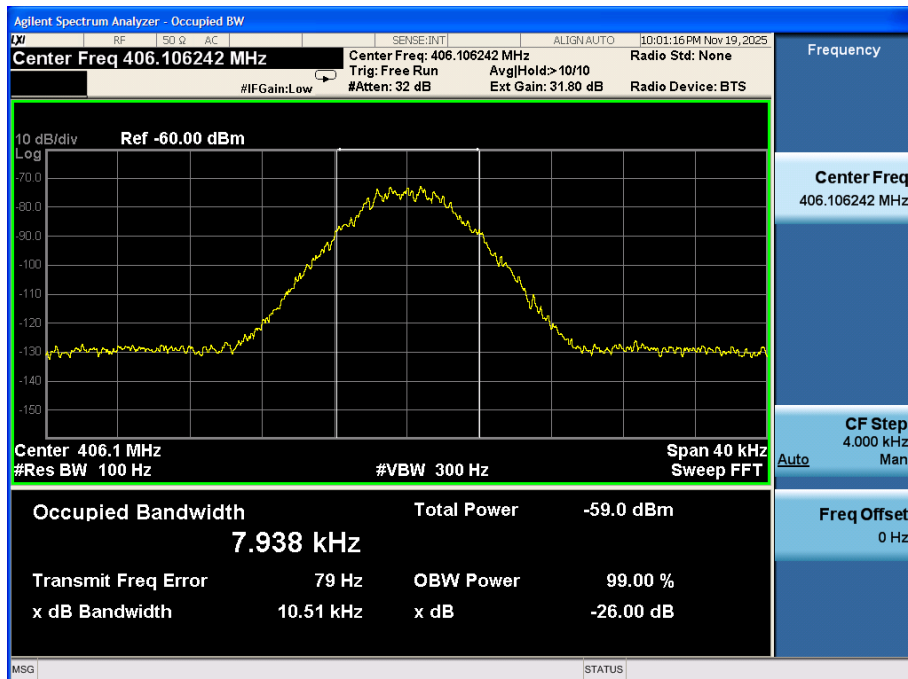
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### 99% OBW

#### UL\_C4FM\_LCH\_Input\_Pre-AGC



#### UL\_C4FM\_LCH\_Input\_3dB above AGC

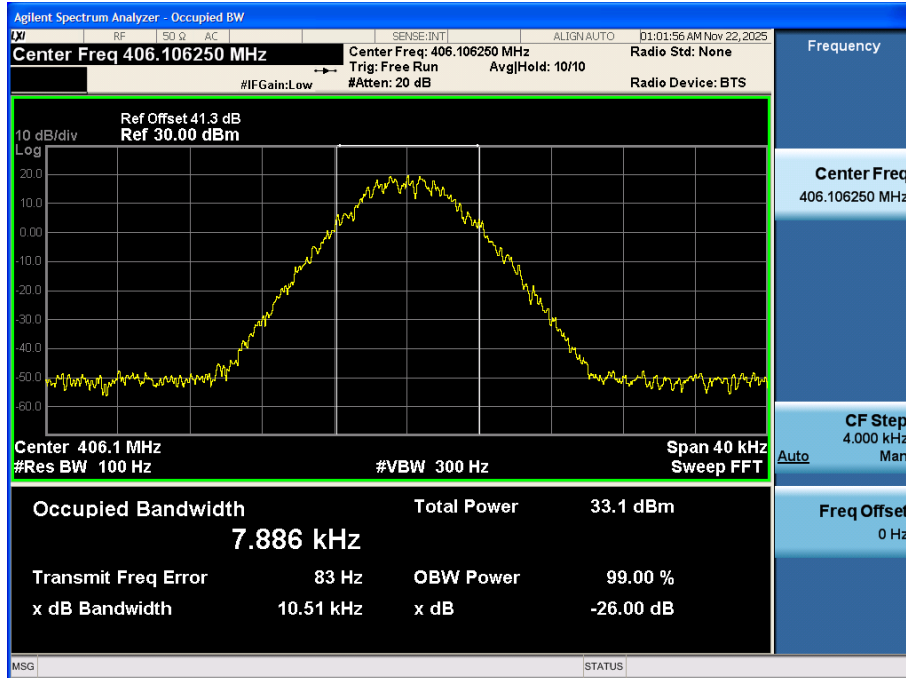


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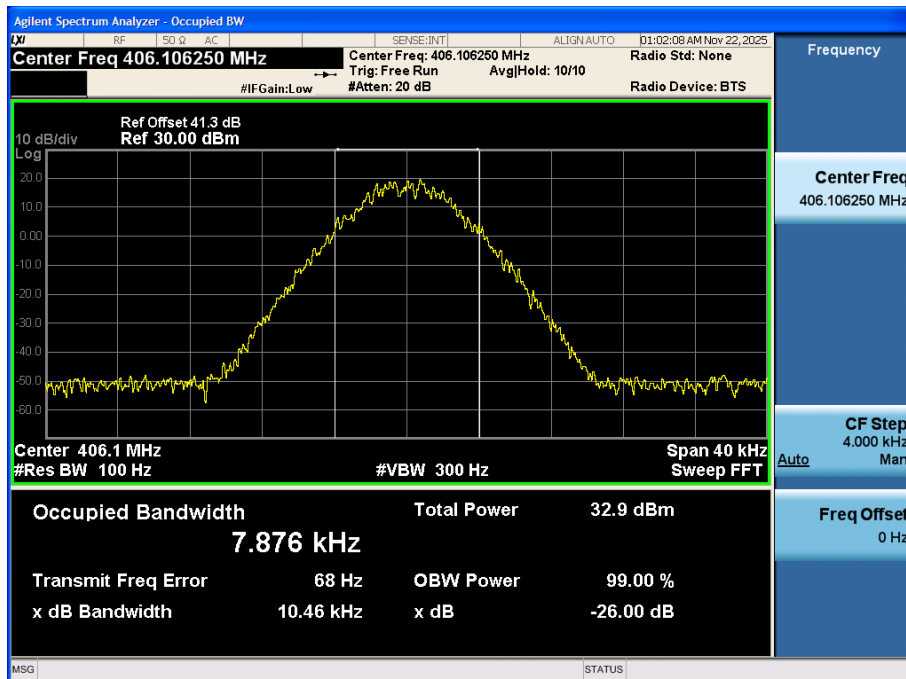
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### 99% OBW

#### UL\_C4FM\_LCH\_Output\_Pre-AGC



#### UL\_C4FM\_LCH\_Output\_3dB above AGC

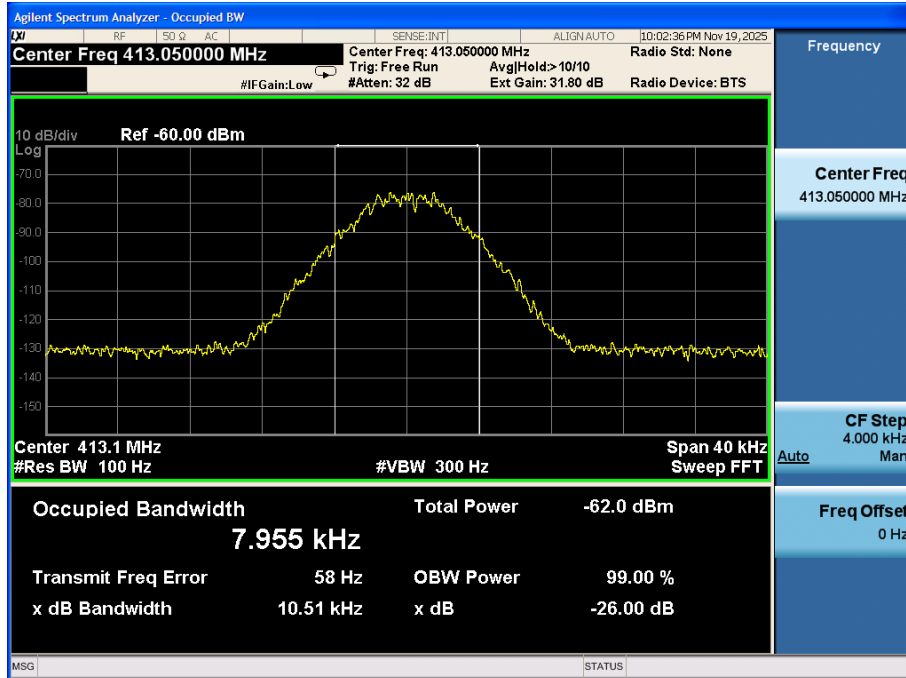


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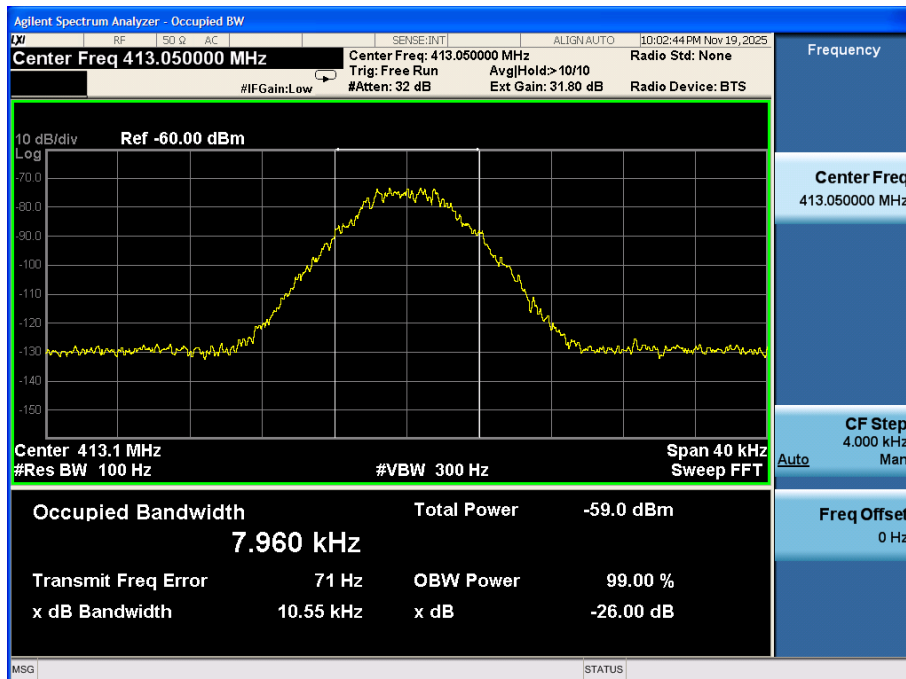
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### 99% OBW

#### UL\_C4FM\_MCH\_Input\_Pre-AGC



#### UL\_C4FM\_MCH\_Input\_3dB above AGC

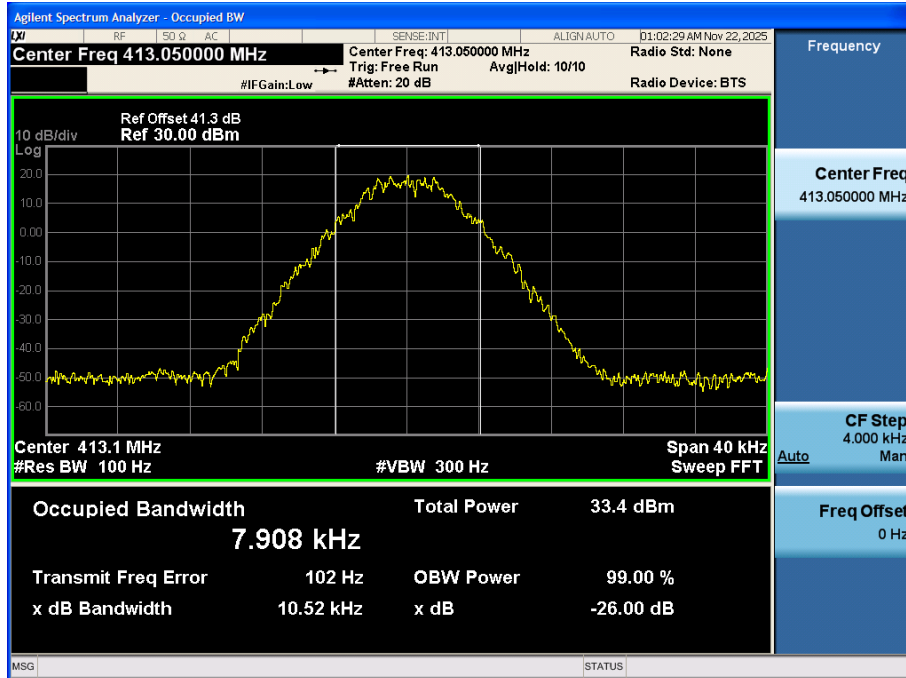


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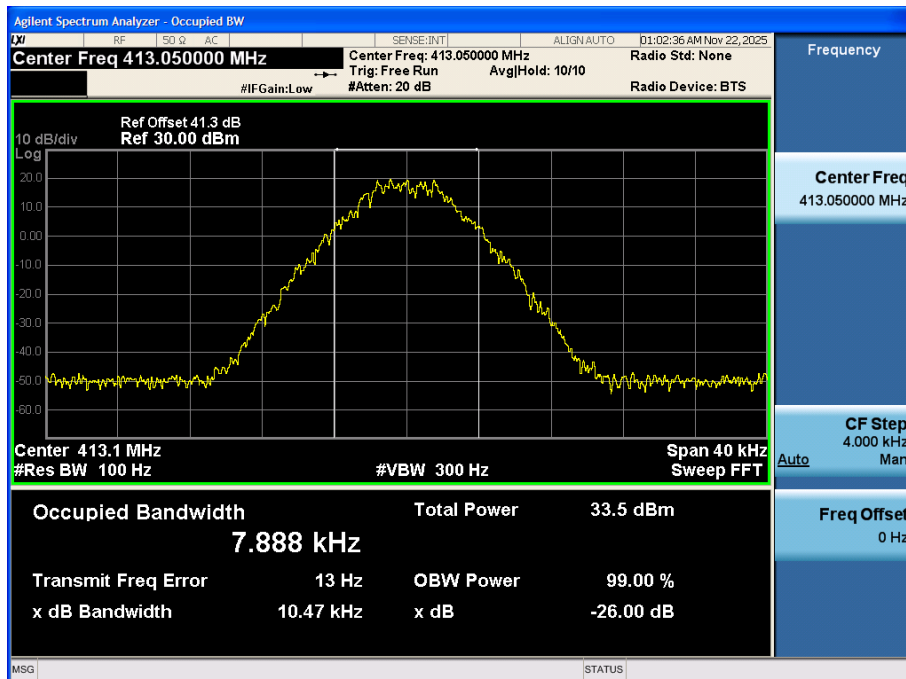
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### 99% OBW

#### UL\_C4FM\_MCH\_Output\_Pre-AGC



#### UL\_C4FM\_MCH\_Output\_3dB above AGC



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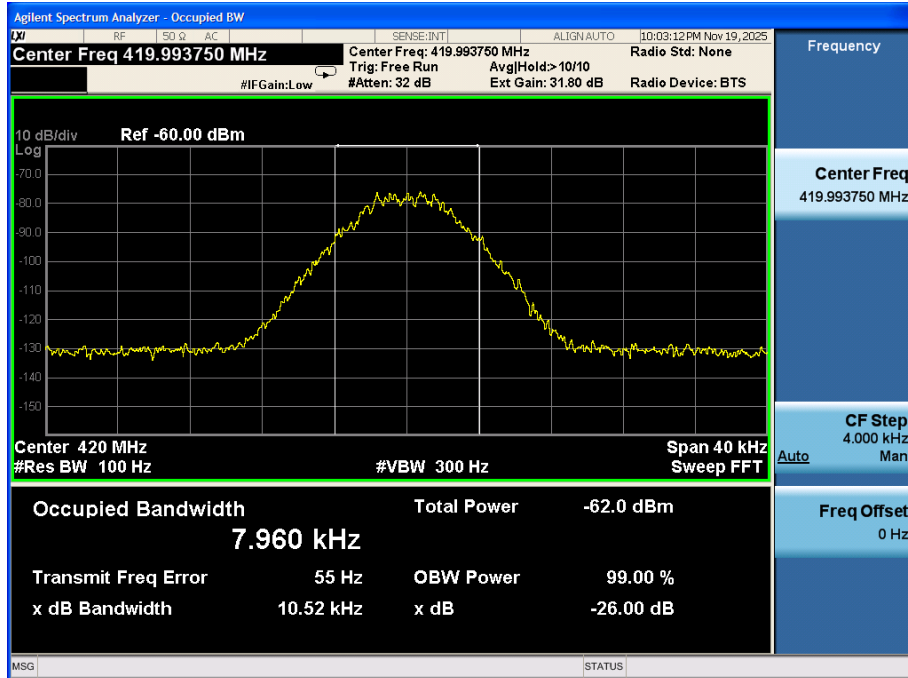
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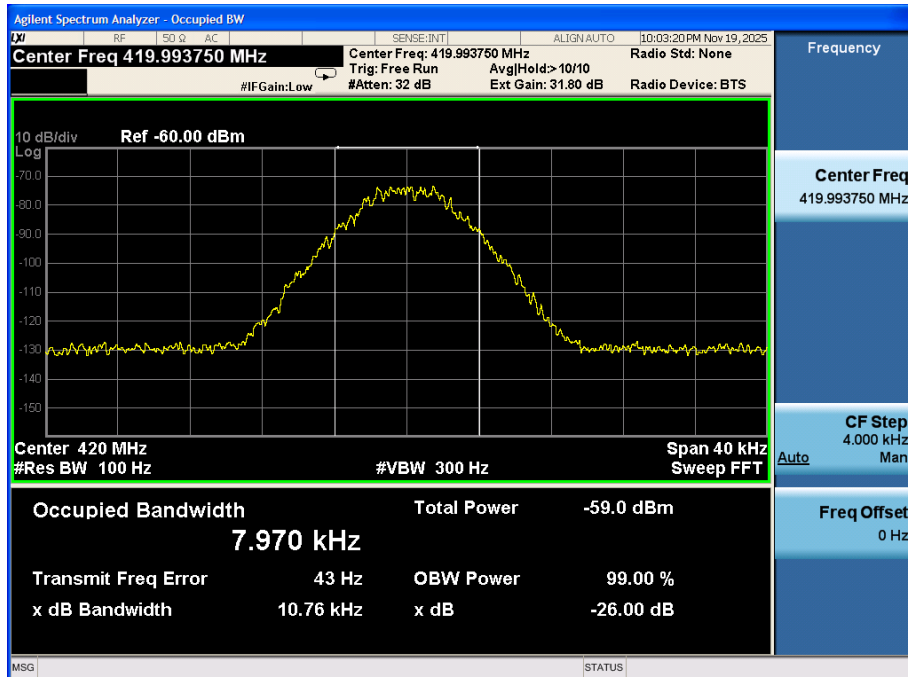
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### 99% OBW

#### UL\_C4FM\_HCH\_Input\_Pre-AGC



#### UL\_C4FM\_HCH\_Input\_3dB above AGC

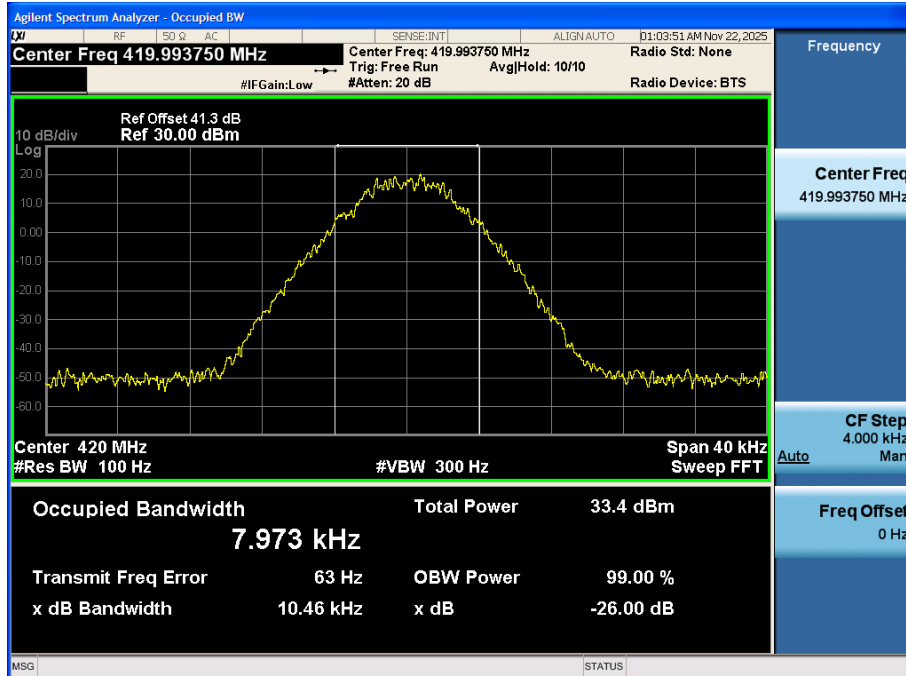


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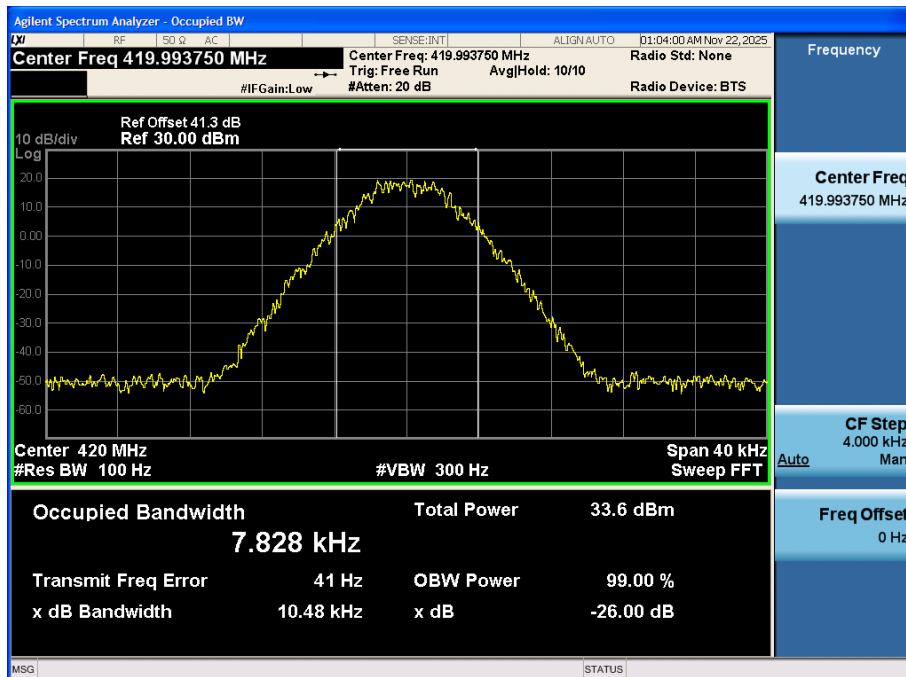
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99% OBW

UL\_C4FM\_HCH\_Output\_Pre-AGC



UL\_C4FM\_HCH\_Output\_3dB above AGC

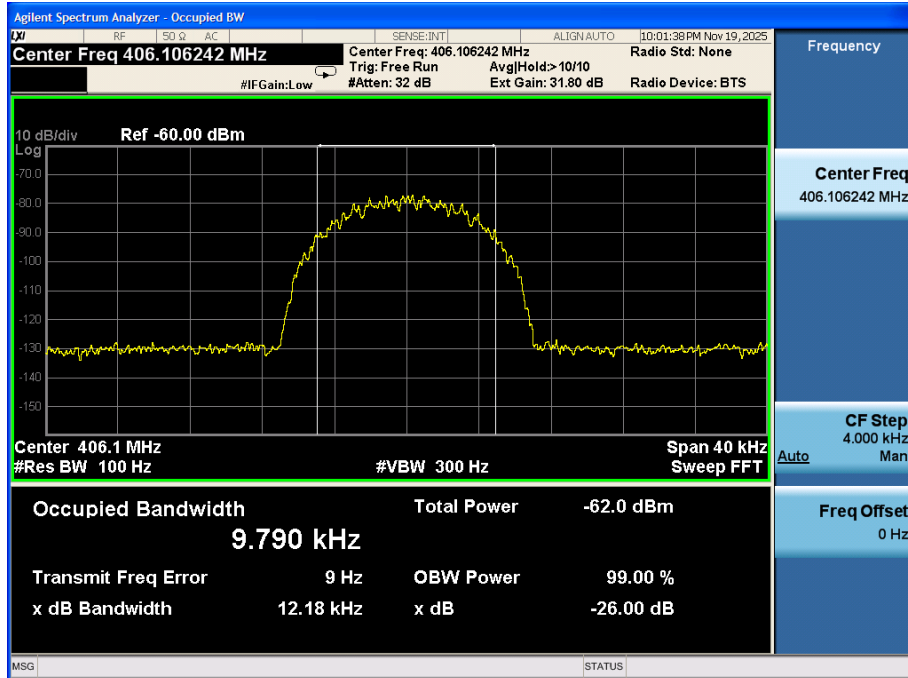


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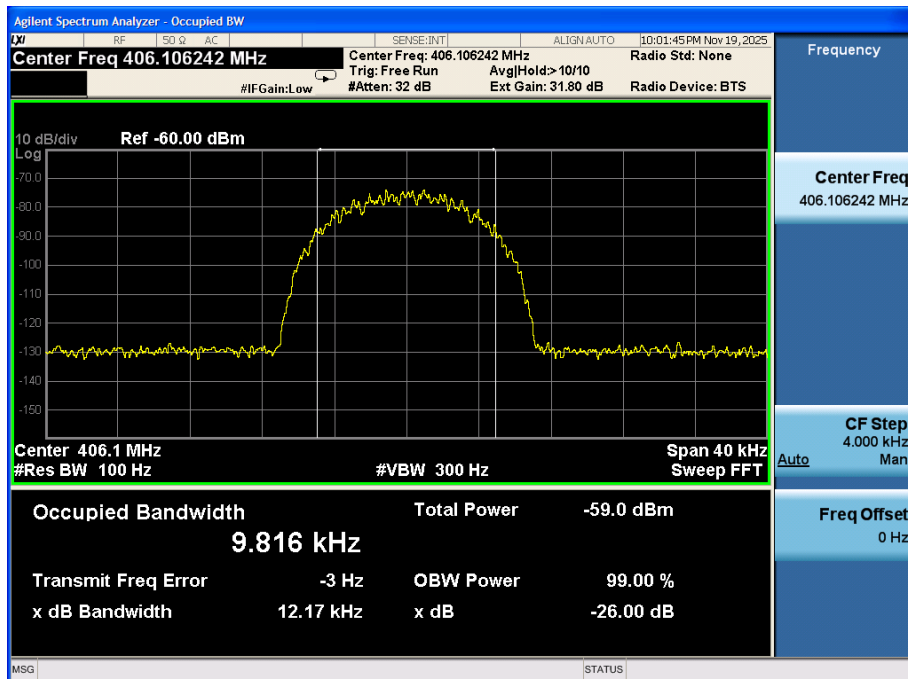
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### 99% OBW

### UL\_H-DQPSK\_LCH\_Input\_Pre-AGC



### UL\_H-DQPSK\_LCH\_Input\_3dB above AGC

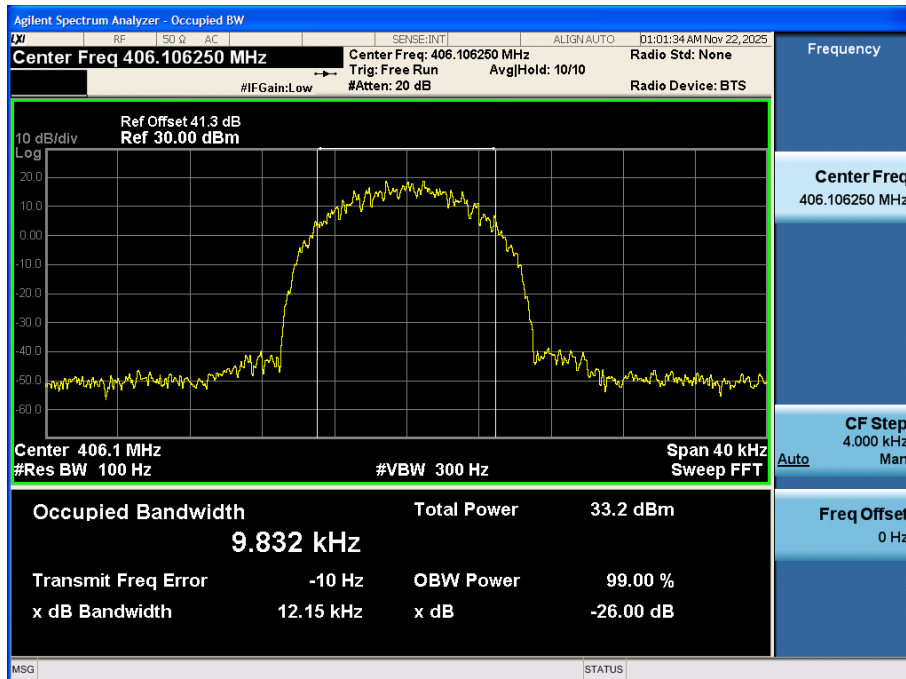


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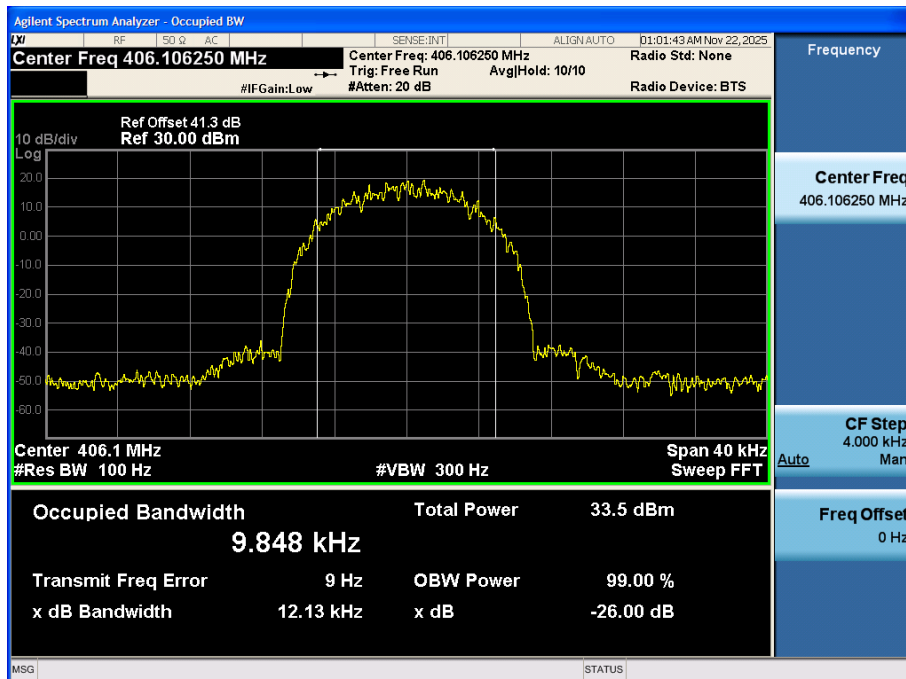
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### 99% OBW

#### UL\_H-DQPSK\_LCH\_Output\_Pre-AGC



#### UL\_H-DQPSK\_LCH\_Output\_3dB above AGC

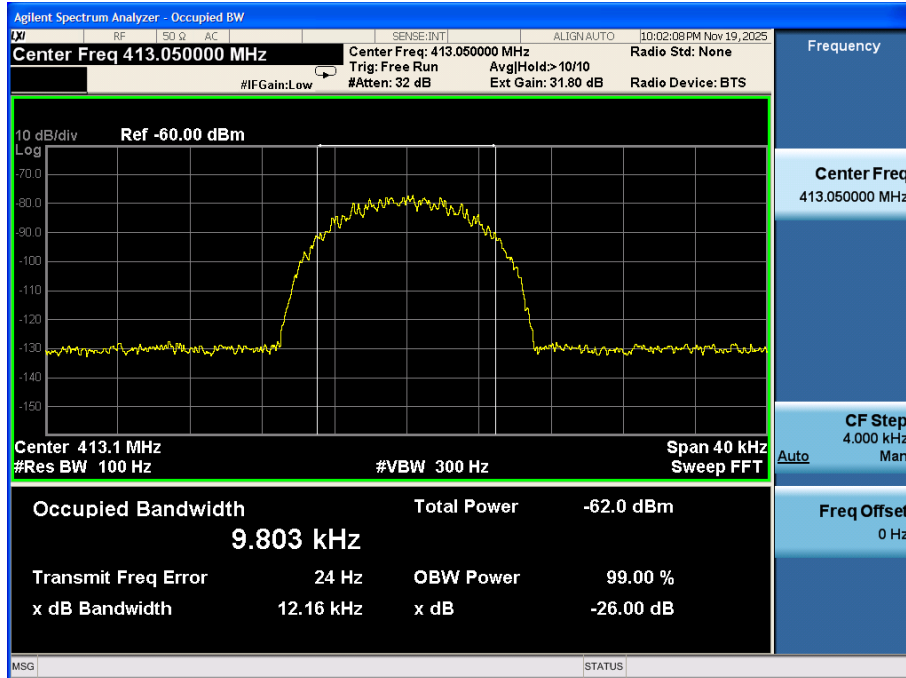


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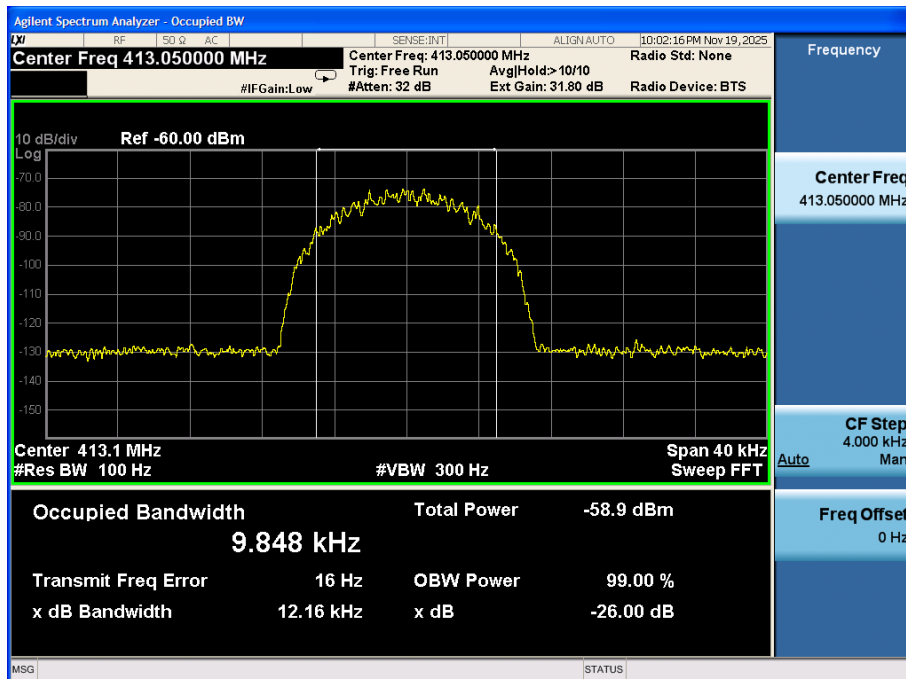
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### 99% OBW

#### UL\_H-DQPSK\_MCH\_Input\_Pre-AGC



#### UL\_H-DQPSK\_MCH\_Input\_3dB above AGC

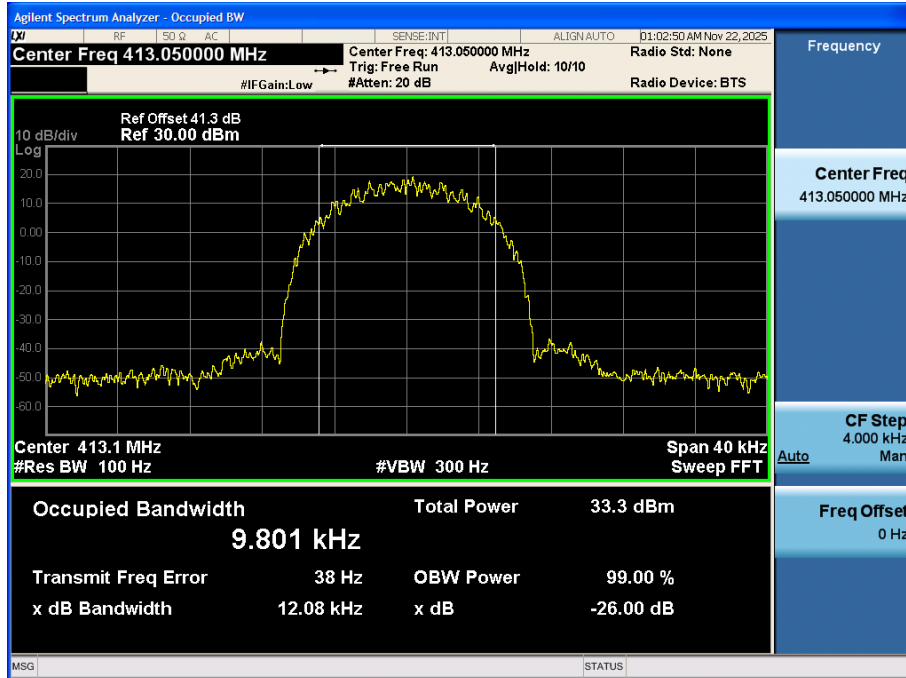


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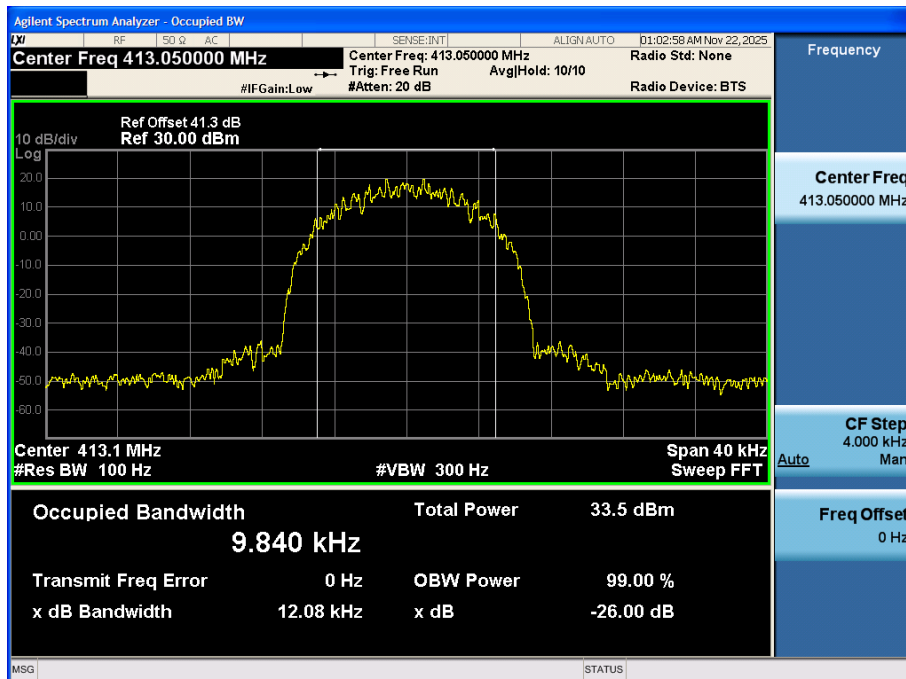
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### 99% OBW

#### UL\_H-DQPSK\_MCH\_Output\_Pre-AGC



#### UL\_H-DQPSK\_MCH\_Output\_3dB above AGC

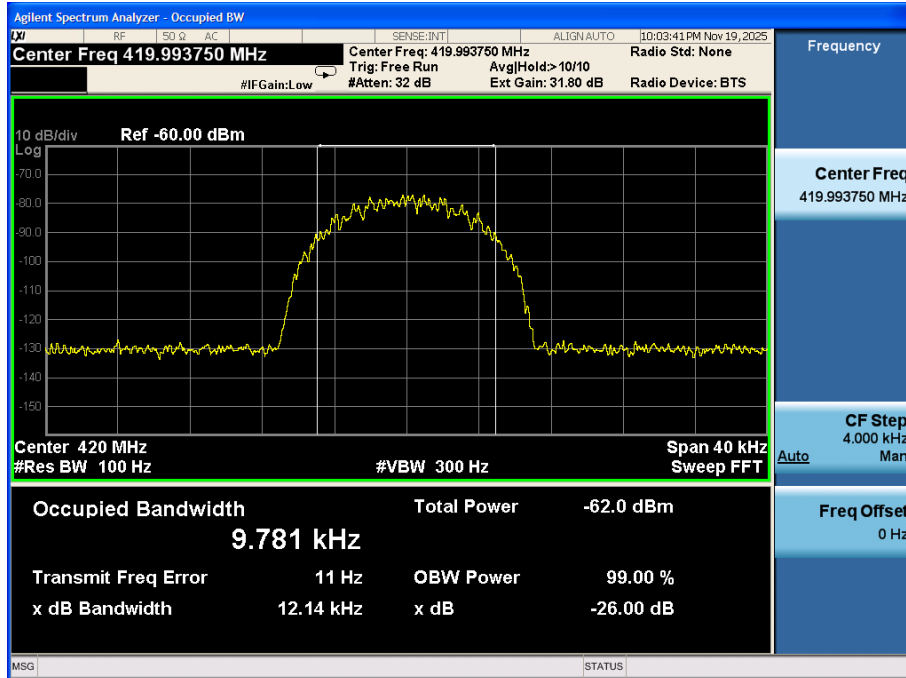


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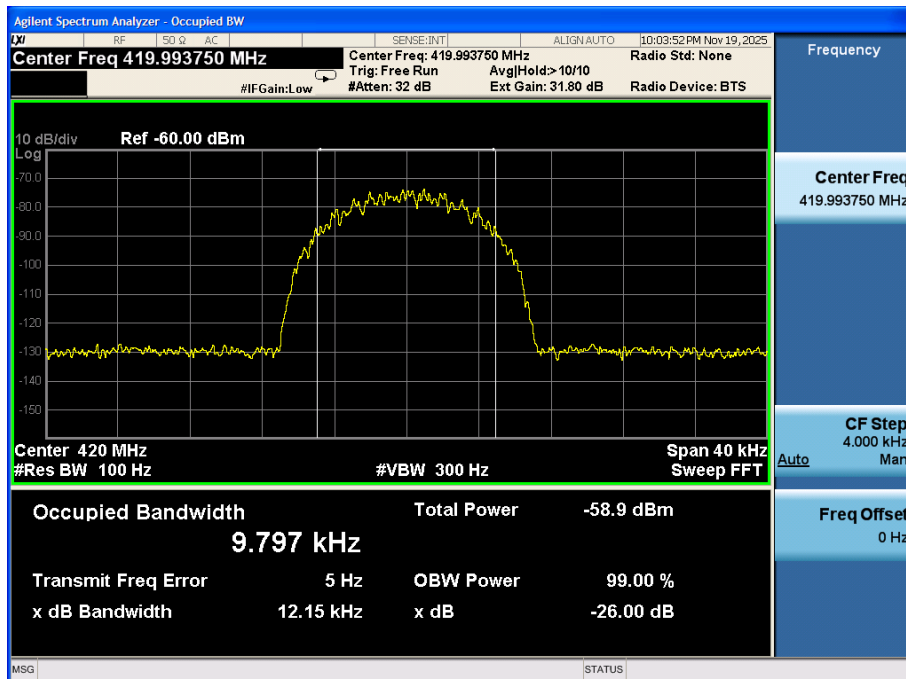
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### 99% OBW

#### UL\_H-DQPSK\_HCH\_Input\_Pre-AGC



#### UL\_H-DQPSK\_HCH\_Input\_3dB above AGC

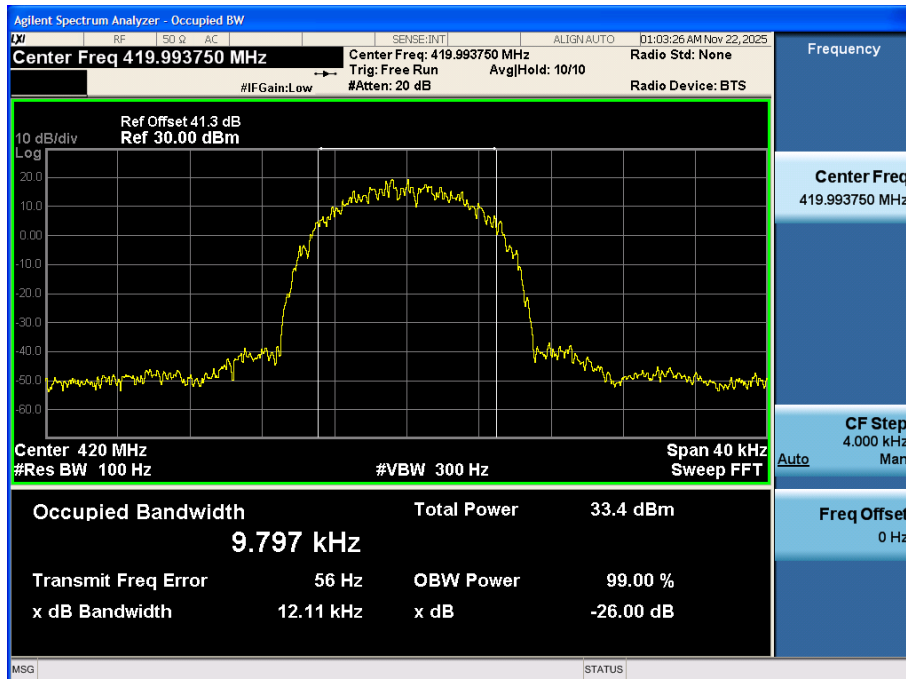


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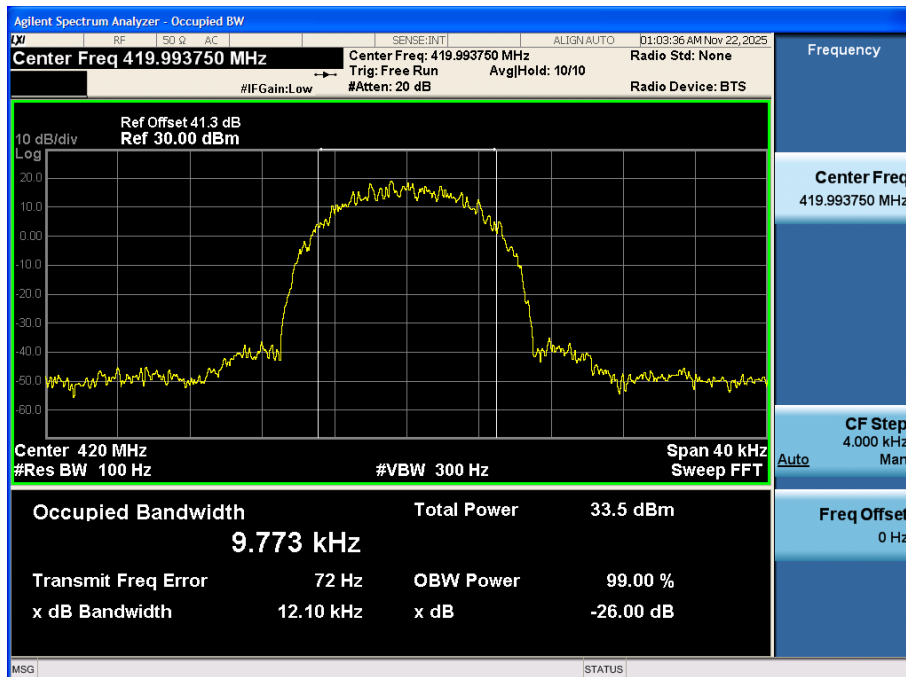
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### 99% OBW

#### UL\_H-DQPSK\_HCH\_Output\_Pre-AGC



#### UL\_H-DQPSK\_HCH\_Output\_3dB above AGC

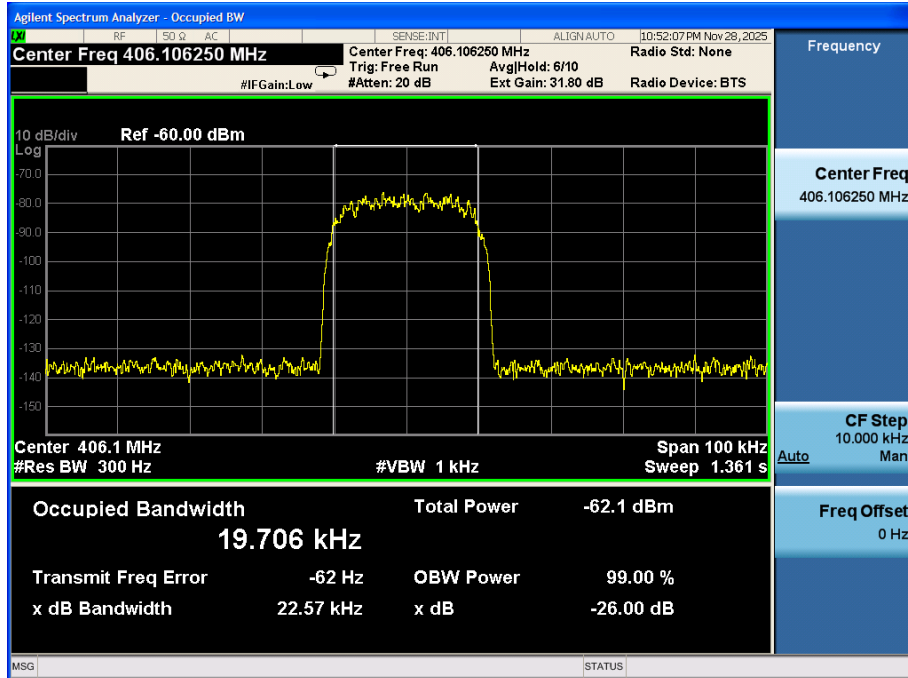


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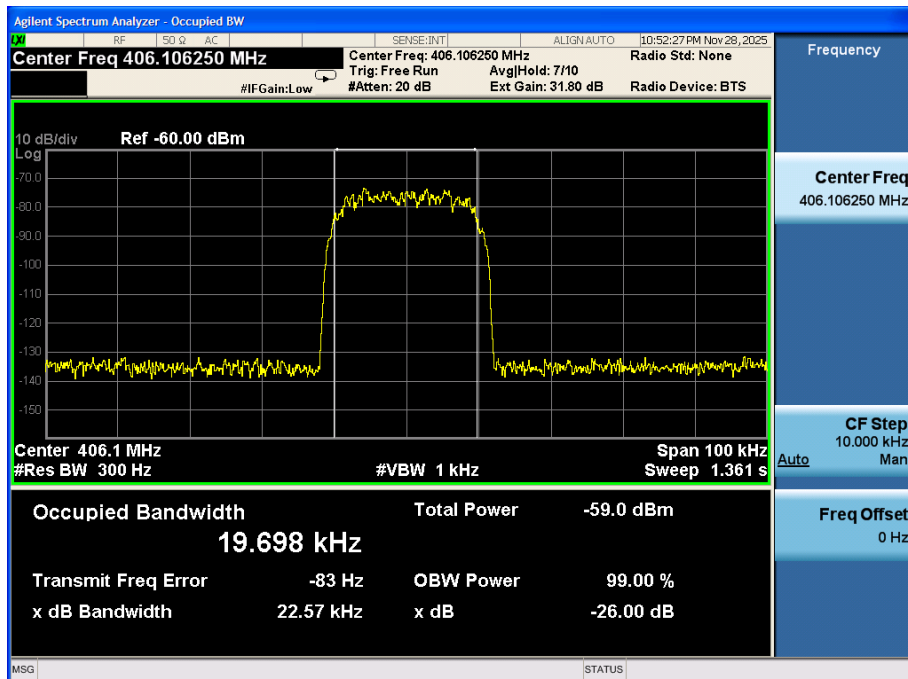
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### 99% OBW

#### UL\_π/4-DQPSK\_LCH\_Input\_Pre-AGC



#### UL\_π/4-DQPSK\_LCH\_Input\_3dB above AGC

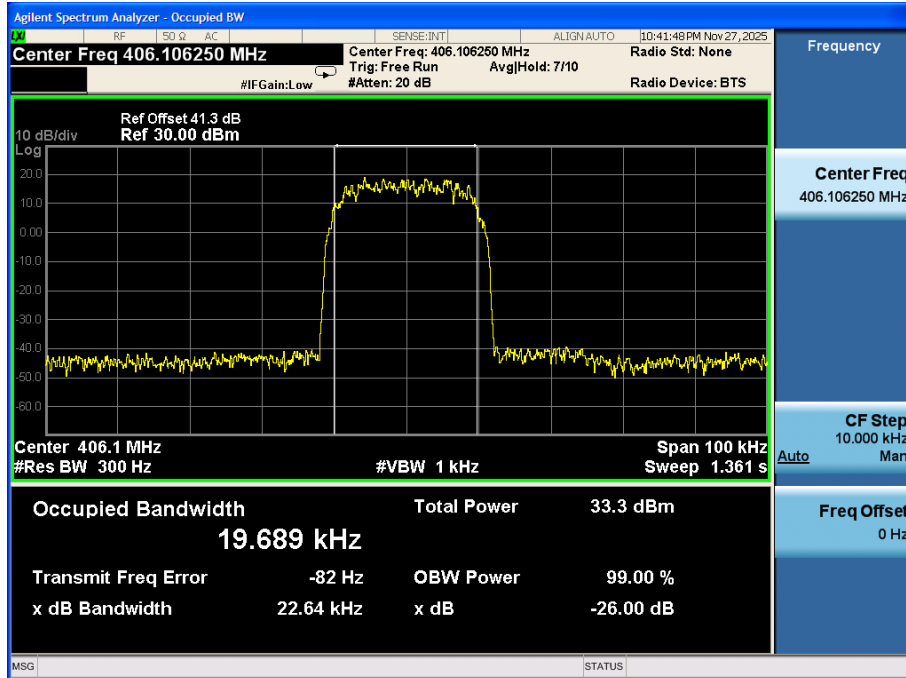


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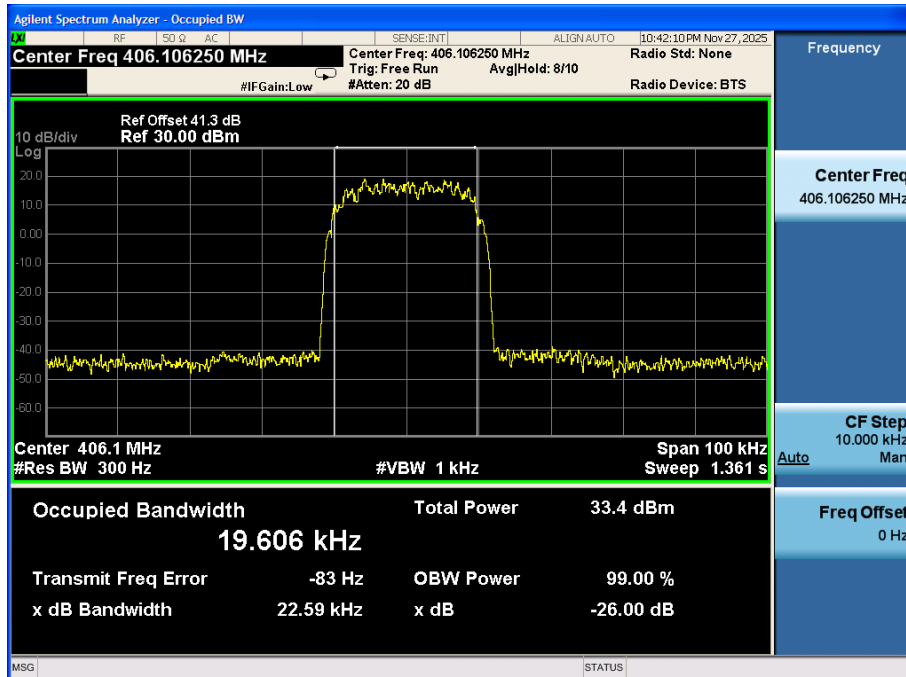
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### 99% OBW

#### UL\_π/4-DQPSK\_LCH\_Output\_Pre-AGC



#### UL\_π/4-DQPSK\_LCH\_Output\_3dB above AGC

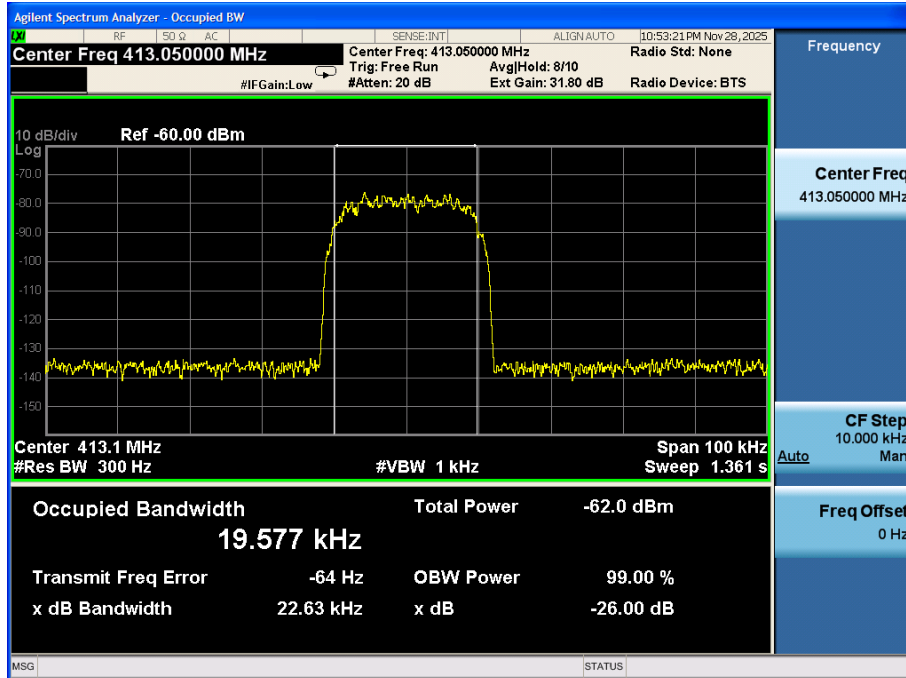


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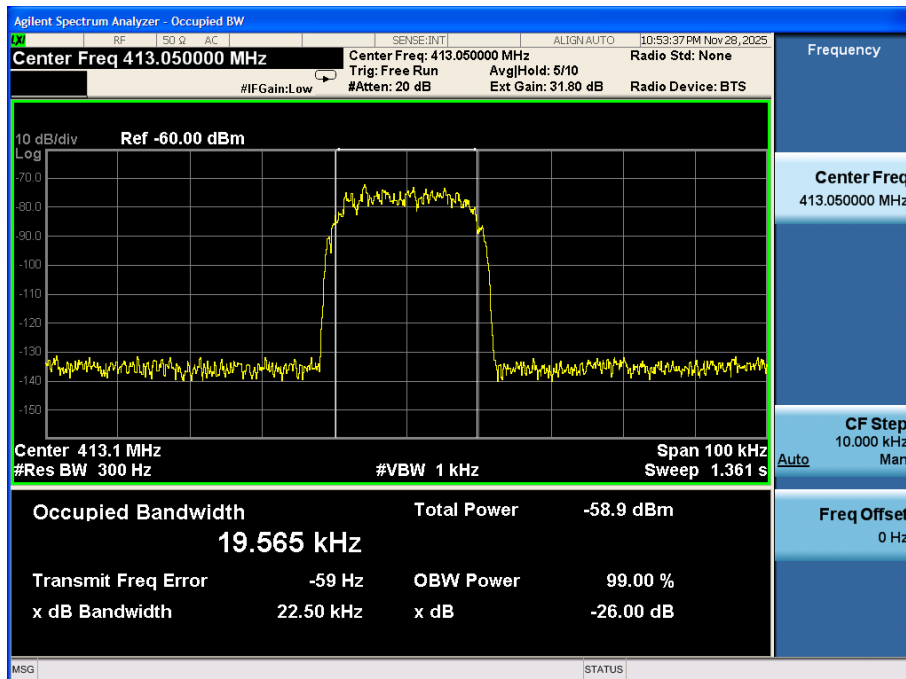
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### 99% OBW

#### UL\_π/4-DQPSK\_MCH\_Input\_Pre-AGC



#### UL\_π/4-DQPSK\_MCH\_Input\_3dB above AGC

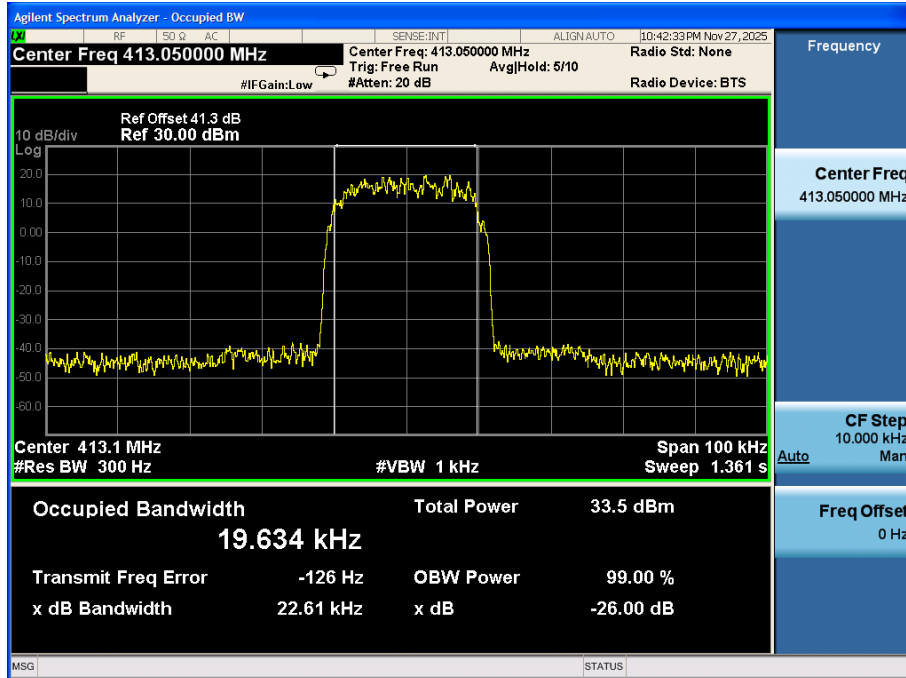


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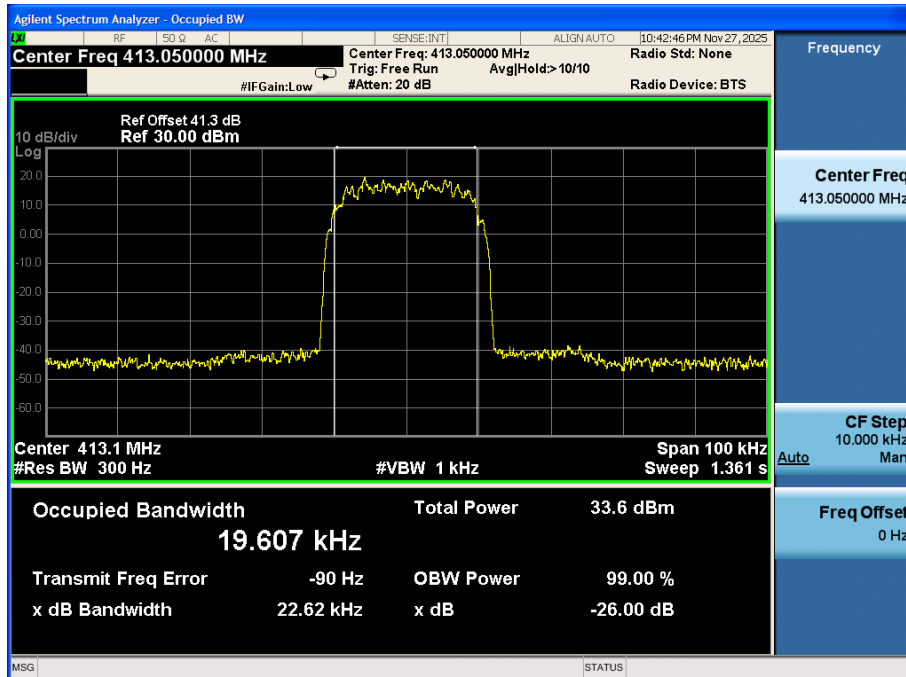
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### 99% OBW

### UL\_π/4-DQPSK\_MCH\_Output\_Pre-AGC



### UL\_π/4-DQPSK\_MCH\_Output\_3dB above AGC

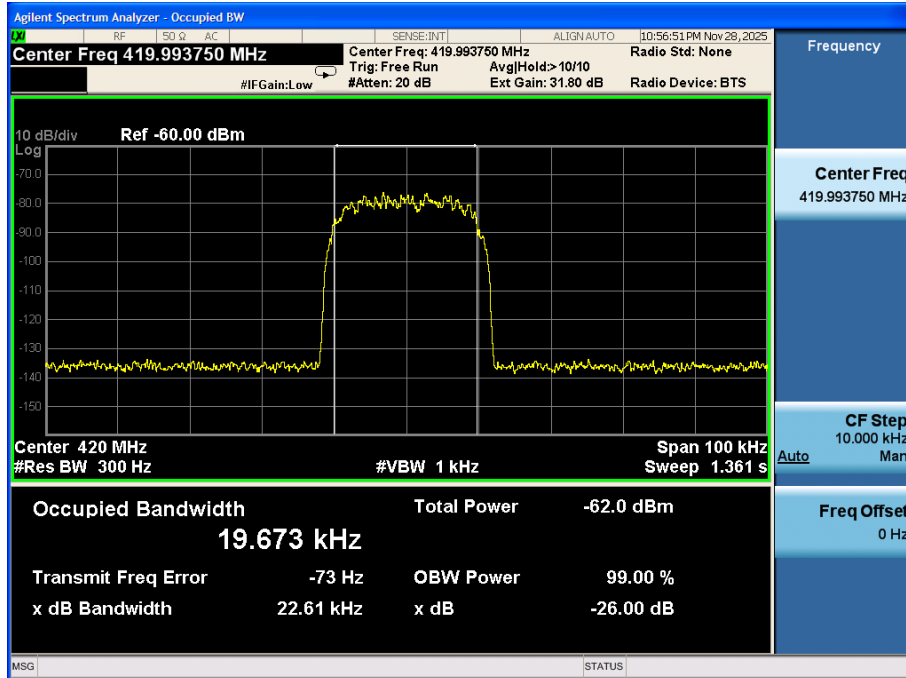


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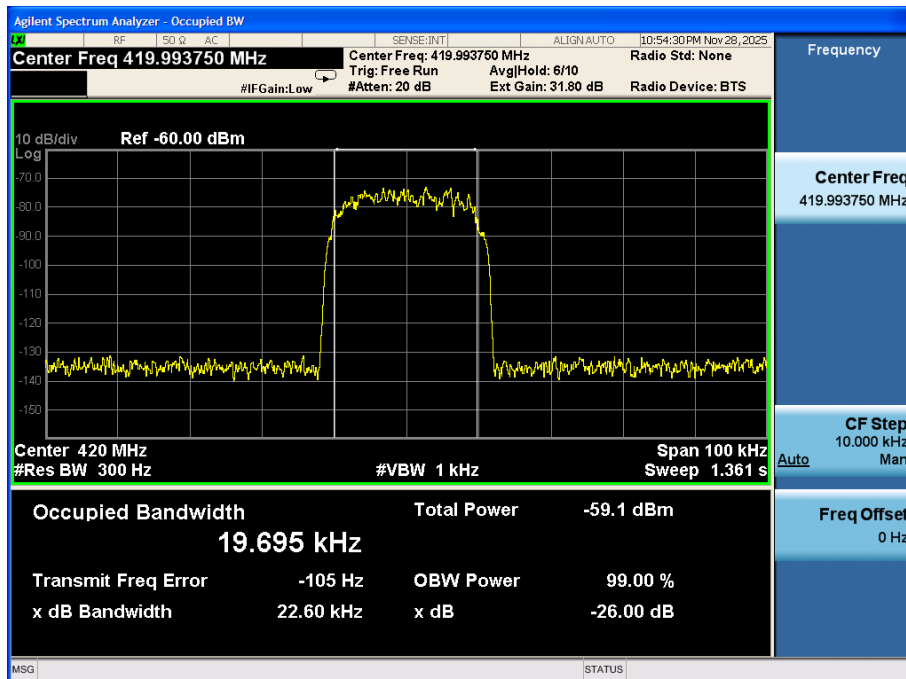
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### 99% OBW

#### UL\_π/4-DQPSK\_HCH\_Input\_Pre-AGC



#### UL\_π/4-DQPSK\_HCH\_Input\_3dB above AGC

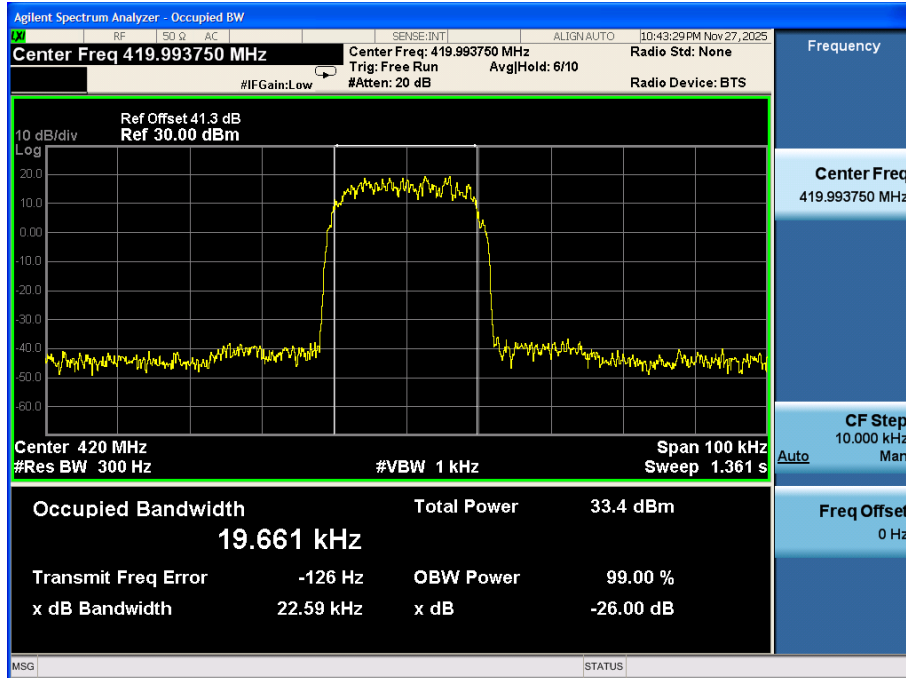


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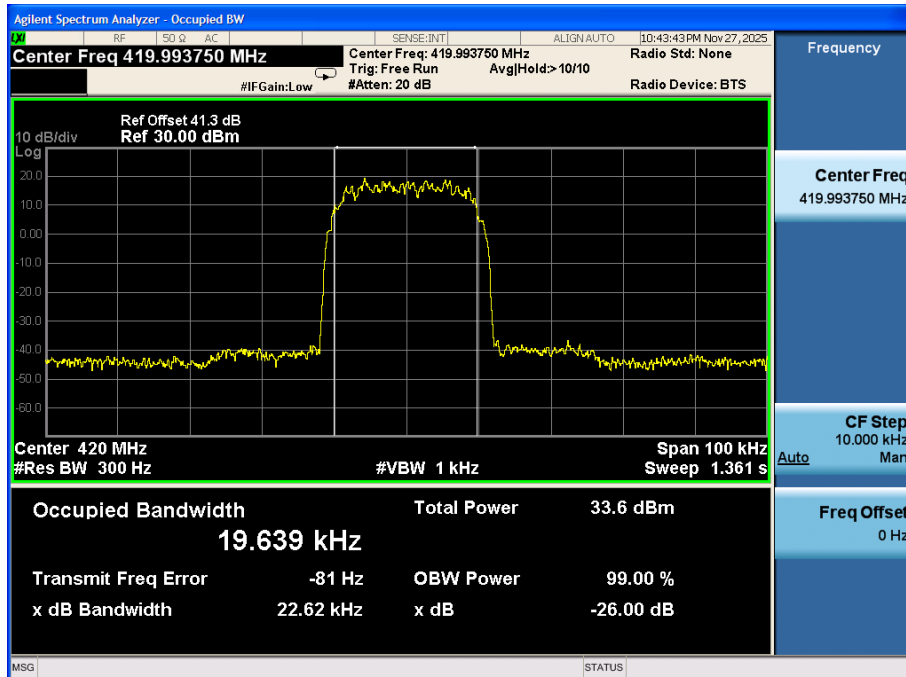
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### 99% OBW

#### UL\_π/4-DQPSK\_HCH\_Output\_Pre-AGC



#### UL\_π/4-DQPSK\_HCH\_Output\_3dB above AGC



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## 3 Input/output power and amplifier/booster gain

| Input/output power and amplifier/booster gain |                            |               |                         |                          |            |                     |              |         |
|-----------------------------------------------|----------------------------|---------------|-------------------------|--------------------------|------------|---------------------|--------------|---------|
| Test path                                     | Test frequency<br>f0 (MHz) | Signal level  | Input<br>power<br>(dBm) | Output<br>power<br>(dBm) | ERP<br>(W) | ERP<br>limit<br>(W) | Gain<br>(dB) | Verdict |
| DL                                            | 418.0                      | Pre-AGC       | -59                     | 36.82                    | 2.94       | 5                   | 95.82        | PASS    |
|                                               |                            | 3dB above AGC | -56                     | 36.52                    | 2.74       |                     | /            | PASS    |
| UL                                            | 412.0                      | Pre-AGC       | -62                     | 33.29                    | 1.31       | 5                   | 95.29        | PASS    |
|                                               |                            | 3dB above AGC | -59                     | 33.80                    | 1.47       |                     | /            | PASS    |

### Remark:

- f0 is from Out-of-band Rejection test in the report.
- The manufacturer's rated Output power is 36dBm for DL and 33dBm for UL, and the Output power showed in above table is within  $\pm 1.0$ dB tolerance.
- ERP= Output power (dBm)+ antenna gain (dBi)- 2.15dB, the maximum antenna gain is 0dBi declared by the manufacturer.



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### 4 Emission Masks

| Emission Masks |                |              |               |               |         |
|----------------|----------------|--------------|---------------|---------------|---------|
| Test path      | Test signal    | Test channel | Signal level  | Emission mask | Verdict |
| DL             | FM             | LCH          | Pre-AGC       | Mask E        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | DMR            | LCH          | Pre-AGC       | Mask D        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | C4FM           | LCH          | Pre-AGC       | Mask D        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | H-DQPSK        | LCH          | Pre-AGC       | Mask D        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | $\pi/4$ -DQPSK | LCH          | Pre-AGC       | Mask B        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |



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| Emission Masks |                |              |               |               |         |
|----------------|----------------|--------------|---------------|---------------|---------|
| Test path      | Test signal    | Test channel | Signal level  | Emission mask | Verdict |
| UL             | FM             | LCH          | Pre-AGC       | Mask E        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | DMR            | LCH          | Pre-AGC       | Mask D        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | C4FM           | LCH          | Pre-AGC       | Mask D        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | H-DQPSK        | LCH          | Pre-AGC       | Mask D        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                | $\pi/4$ -DQPSK | LCH          | Pre-AGC       | Mask B        | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | MCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |
|                |                | HCH          | Pre-AGC       |               | PASS    |
|                |                |              | 3dB above AGC |               | PASS    |

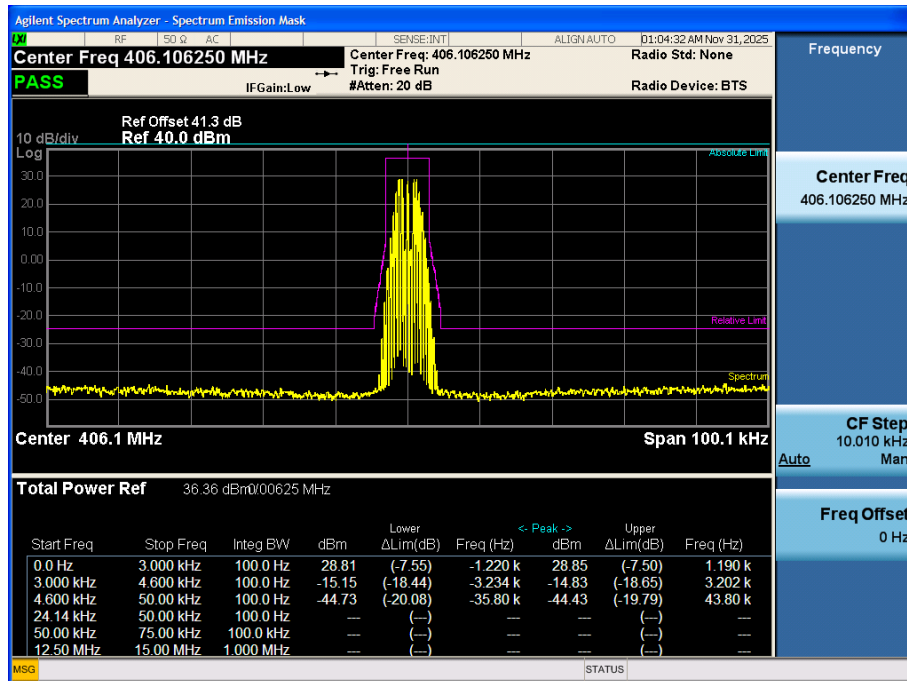


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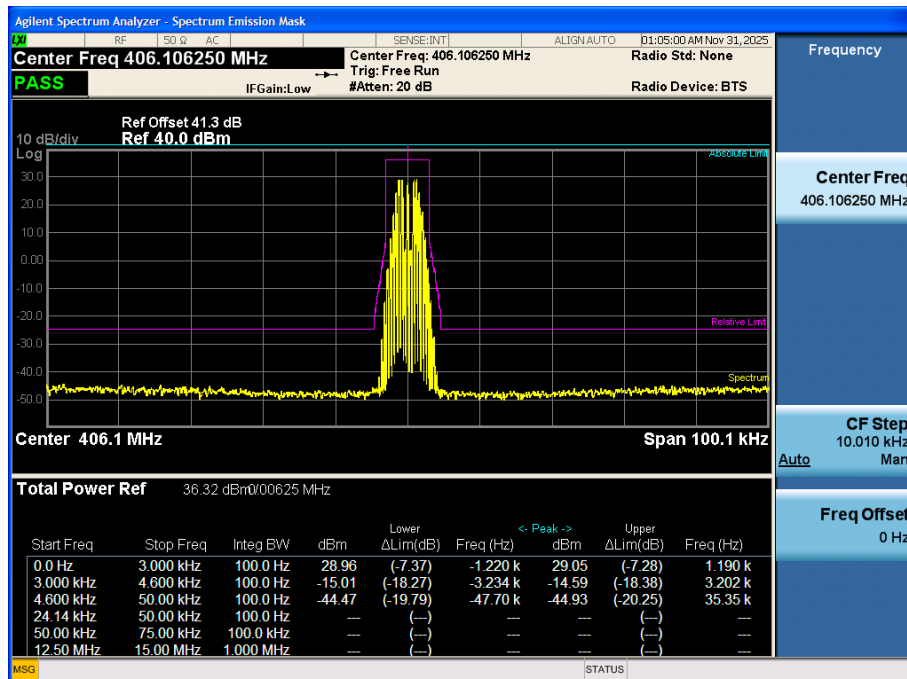
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### Emission Masks

#### DL\_FM\_LCH\_Pre-AGC



#### DL\_FM\_LCH\_3dB above AGC



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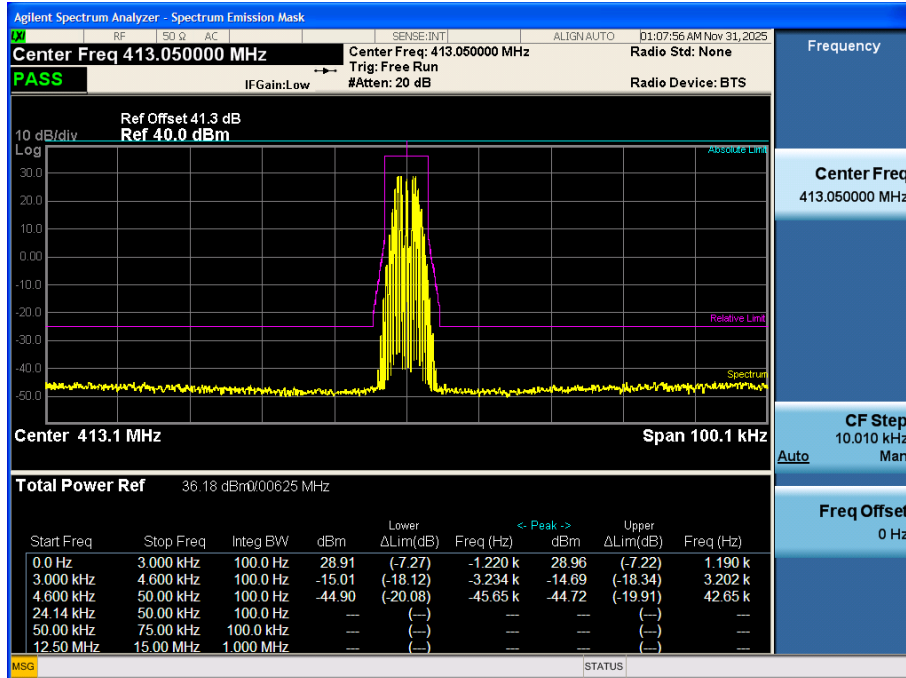
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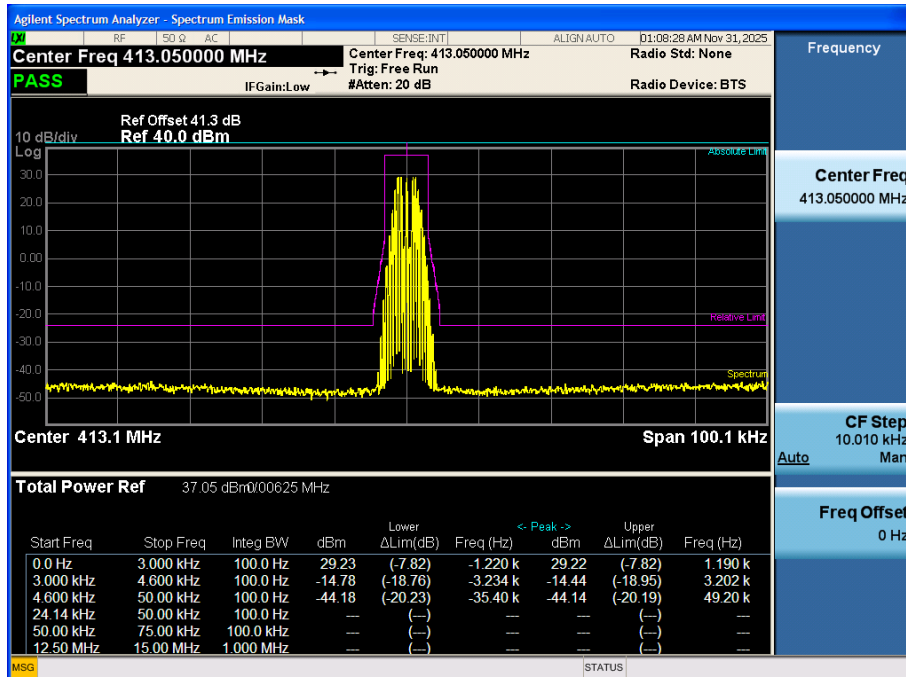
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### Emission Masks

#### DL\_FM\_MCH\_Pre-AGC



#### DL\_FM\_MCH\_3dB above AGC



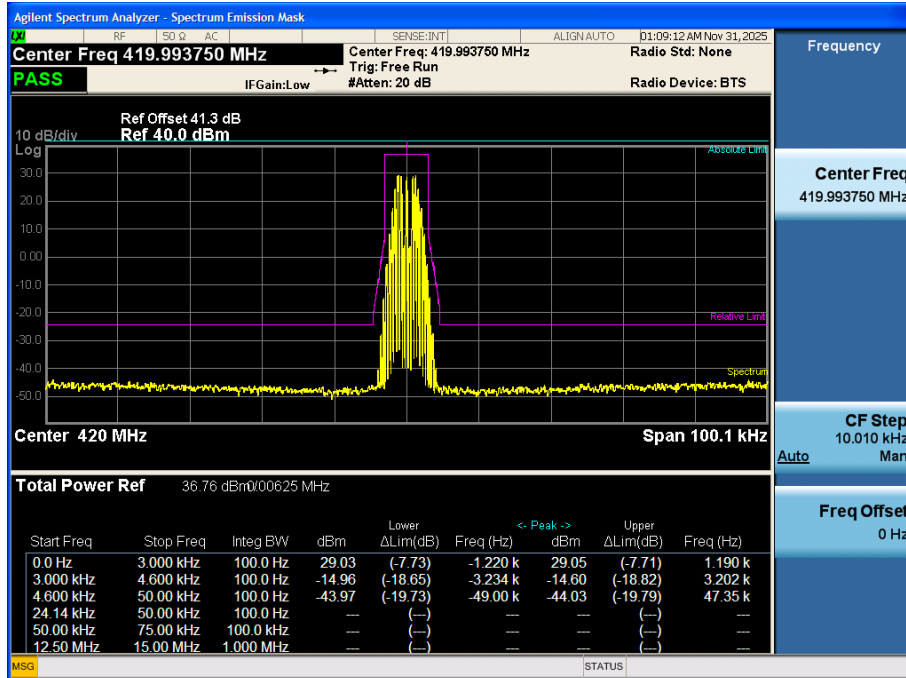
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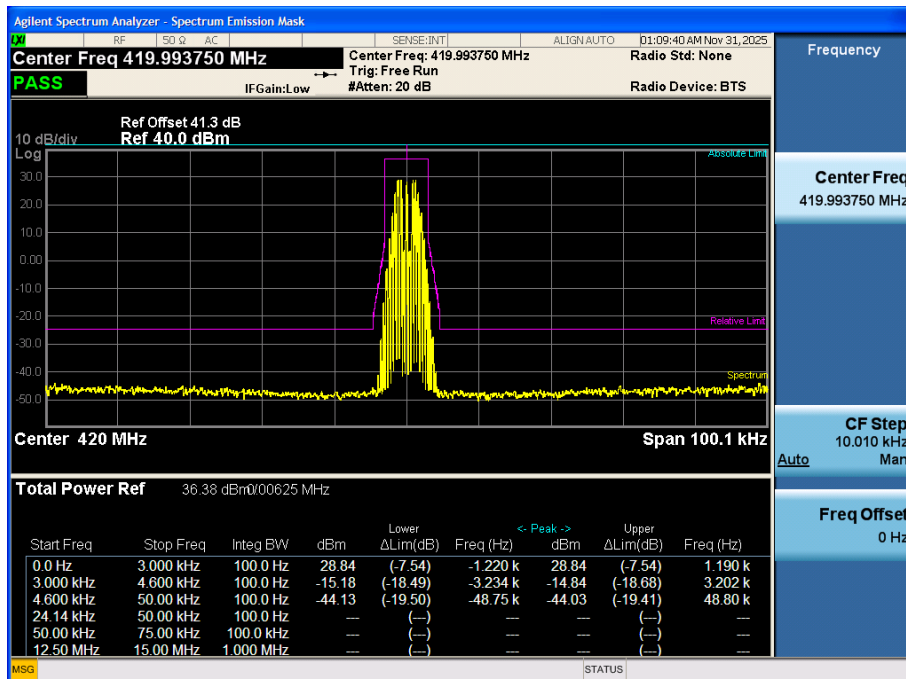
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### Emission Masks

#### DL\_FM\_HCH\_Pre-AGC



#### DL\_FM\_HCH\_3dB above AGC



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